

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042818\
 Data File : VX001229.D
 Acq On : 28 Apr 2018 22:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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 5/1/2018 7:46:26 PM

Quant Time: Apr 30 03:21:09 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 27 01:51:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	195330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	259733	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	253012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	177568	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	129269	42.69	ug/l	0.00
Spiked Amount						
			Recovery	=	85.38%	
35) Dibromofluoromethane	5.51	113	107006	49.77	ug/l	0.00
Spiked Amount						
			Recovery	=	99.54%	
50) Toluene-d8	8.72	98	404955	49.91	ug/l	0.00
Spiked Amount						
			Recovery	=	99.82%	
62) 4-Bromofluorobenzene	11.14	95	156738	49.45	ug/l	0.00
Spiked Amount						
			Recovery	=	98.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	94997	46.37	ug/l	97
3) Chloromethane	1.32	50	92325	43.04	ug/l	98
4) Vinyl Chloride	1.40	62	107130	47.07	ug/l	99
5) Bromomethane	1.64	94	76659	55.30	ug/l	99
6) Chloroethane	1.72	64	69309	48.38	ug/l	98
7) Trichlorofluoromethane	1.93	101	188219	51.20	ug/l	99
8) Diethyl Ether	2.19	74	66650	47.16	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	104816	51.75	ug/l	99
10) Methyl Iodide	2.51	142	123277	57.31	ug/l	99
11) Tert butyl alcohol	3.09	59	126508	211.87	ug/l	98
12) 1,1-Dichloroethene	2.37	96	96126	48.66	ug/l	99
13) Acrolein	2.30	56	42053	186.30	ug/l	96
14) Allyl chloride	2.73	41	173619	48.18	ug/l	97
15) Acrylonitrile	3.15	53	284505	223.13	ug/l	98
16) Acetone	2.45	43	260637	209.32	ug/l	100
17) Carbon Disulfide	2.57	76	237412	47.11	ug/l	99
18) Methyl Acetate	2.78	43	149652	48.03	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	344841	47.43	ug/l	96
20) Methylene Chloride	2.86	84	108209	46.66	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	104695	47.95	ug/l	99
22) Diisopropyl ether	3.88	45	333164	46.21	ug/l	95
23) Vinyl Acetate	3.83	43	1416111	231.53	ug/l	99
24) 1,1-Dichloroethane	3.70	63	176328	46.53	ug/l	99
25) 2-Butanone	4.72	43	386856	207.65	ug/l	100
26) 2,2-Dichloropropane	4.59	77	116938	39.21	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	112425	47.02	ug/l	97
28) Bromochloromethane	5.03	49	84737	49.87	ug/l	96
29) Tetrahydrofuran	5.18	42	252343	210.66	ug/l	99
30) Chloroform	5.23	83	195306	48.47	ug/l	99
31) Cyclohexane	5.58	56	156197	48.52	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	171535	49.31	ug/l	99
36) 1,1-Dichloropropene	5.81	75	142906	49.93	ug/l	99
37) Ethyl Acetate	4.87	43	152641	44.53	ug/l	100
38) Carbon Tetrachloride	5.79	117	153216	52.21	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	160830	50.77	ug/l	98
40) Benzene	6.15	78	422336	51.01	ug/l	97
41) Methacrylonitrile	5.07	41	86544	44.94	ug/l	98
42) 1,2-Dichloroethane	6.21	62	164205	49.22	ug/l	100
43) Isopropyl Acetate	6.48	43	253299	47.06	ug/l	100
44) Trichloroethene	7.22	130	126792	51.40	ug/l	97
45) 1,2-Dichloropropane	7.52	63	109498	50.28	ug/l	97
46) Dibromomethane	7.67	93	76400	50.66	ug/l	98
47) Bromodichloromethane	7.91	83	142112	51.87	ug/l	100
48) Methyl methacrylate	7.79	41	134527	47.02	ug/l	98
49) 1,4-Dioxane	7.76	88	51937	906.63	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	846623	239.43	ug/l	100
52) Toluene	8.79	92	278168	51.38	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	162296	50.95	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	153081	44.63	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	116037	50.65	ug/l	98
56) Ethyl methacrylate	9.19	69	171085	50.41	ug/l	97
57) 1,3-Dichloropropane	9.38	76	185275	50.00	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	392256	244.47	ug/l	99
59) 2-Hexanone	9.51	43	649840	234.56	ug/l	100
60) Dibromochloromethane	9.59	129	126194	47.35	ug/l	99
61) 1,2-Dibromoethane	9.68	107	123330	51.39	ug/l	99
64) Tetrachloroethene	9.34	164	141240	52.30	ug/l	97
65) Chlorobenzene	10.15	112	335278	50.58	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	122065	53.22	ug/l	100
67) Ethyl Benzene	10.26	91	550313	51.10	ug/l	98
68) m/p-Xylenes	10.37	106	441191	103.62	ug/l	99
69) o-Xylene	10.71	106	212787	51.52	ug/l	100
70) Styrene	10.72	104	359260	52.27	ug/l	100
71) Bromoform	10.87	173	102394	43.19	ug/l	99
73) Isopropylbenzene	11.02	105	577650	49.91	ug/l	99
74) N-amyl acetate	6.48	43	253299	43.43	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	177549	46.24	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	164084m	45.38	ug/l	
77) Bromobenzene	11.26	156	168598	49.12	ug/l	98
78) n-propylbenzene	11.37	91	653727	50.65	ug/l	100
79) 2-Chlorotoluene	11.43	91	393969	49.25	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	496626	50.68	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	40121	36.80	ug/l	97
82) 4-Chlorotoluene	11.52	91	471729	49.61	ug/l	100
83) tert-Butylbenzene	11.77	119	490700	50.18	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	512347	50.87	ug/l	99
85) sec-Butylbenzene	11.95	105	582233	50.97	ug/l	99
86) p-Isopropyltoluene	12.07	119	535125	50.36	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	304925	49.49	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	314496	48.99	ug/l	99
89) n-Butylbenzene	12.40	91	458343	49.83	ug/l	100
90) Hexachloroethane	12.60	117	80489	47.14	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	310903	49.92	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	39148	46.20	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	235288	48.20	ug/l	99
94) Hexachlorobutadiene	13.79	225	107235	46.73	ug/l	100
95) Naphthalene	13.84	128	650745	47.84	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	234111	48.19	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

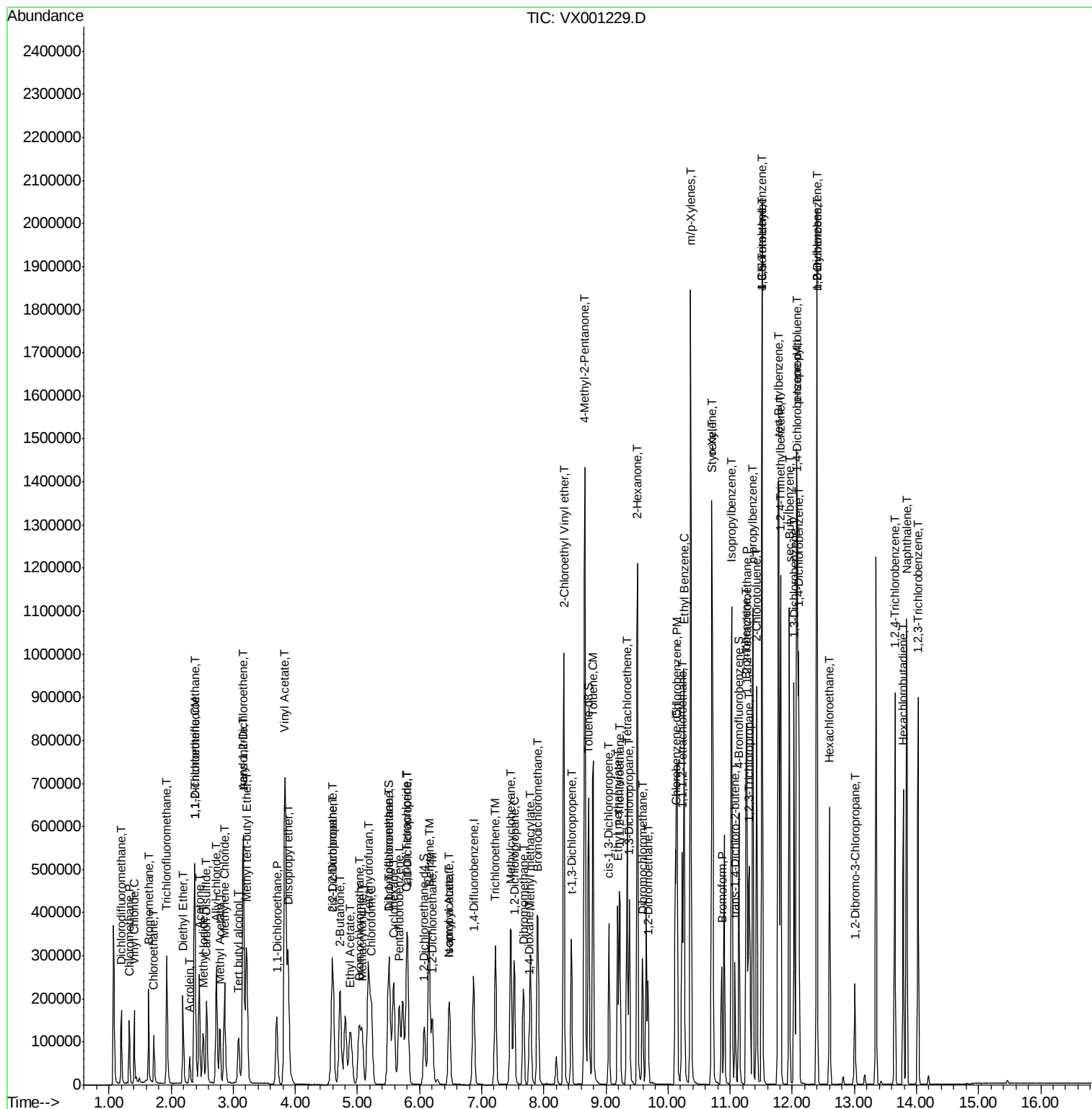
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042818\
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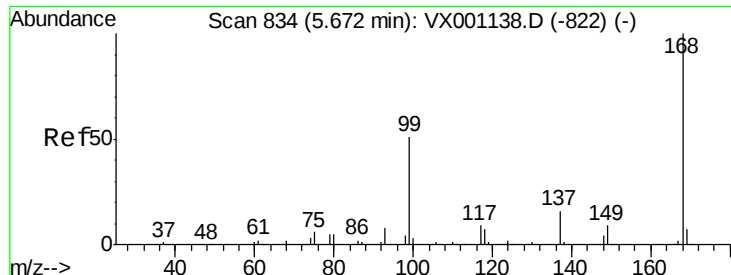
Instrument :
MSVOA_X
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 195330

Ion Ratio Lower Upper

168 100

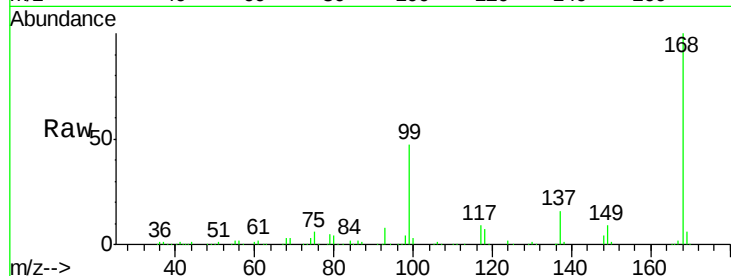
99 47.1 40.6 60.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

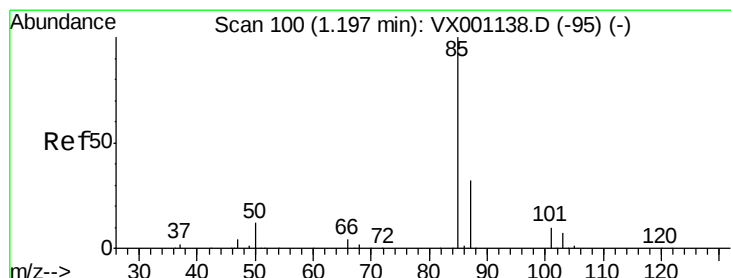
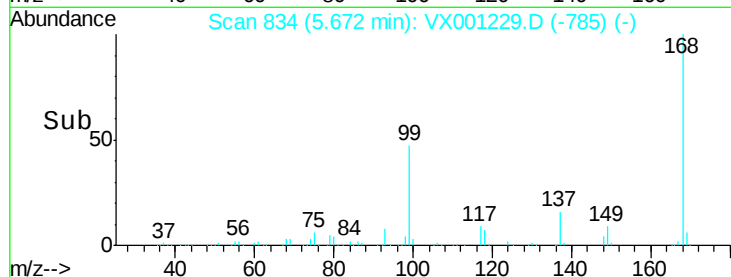
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 46.37 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001229.D

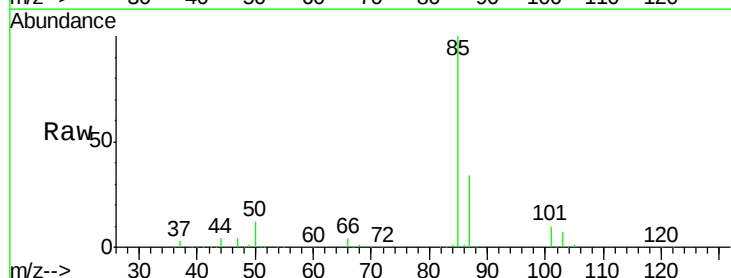
Acq: 28 Apr 2018 22:20

Tgt Ion: 85 Resp: 94997

Ion Ratio Lower Upper

85 100

87 33.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

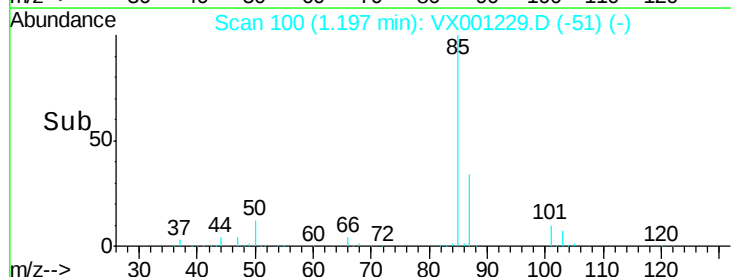
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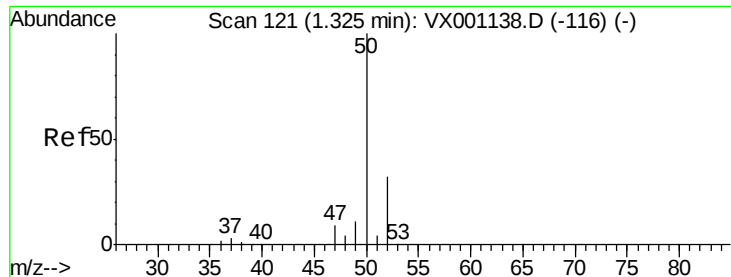
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 43.04 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 92325

Ion Ratio Lower Upper

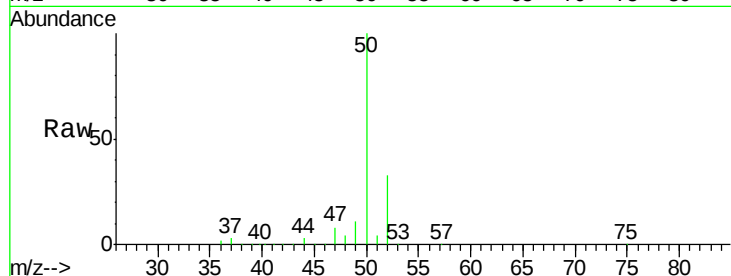
50 100

52 33.3 25.9 38.9

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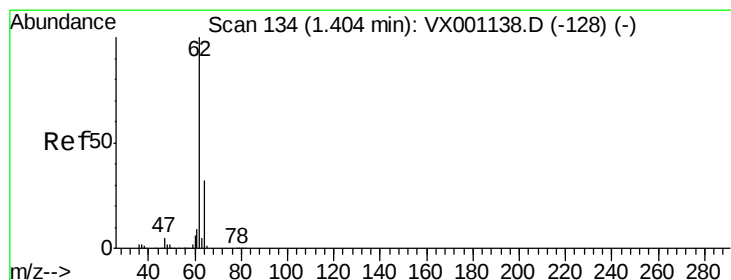
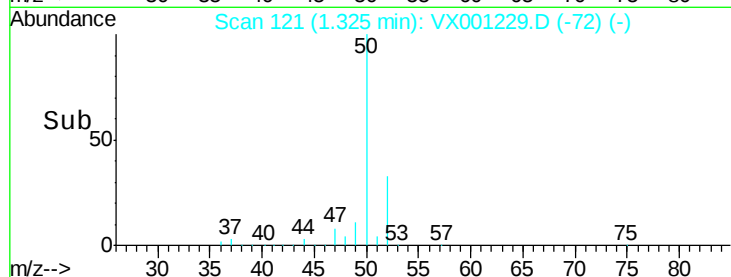
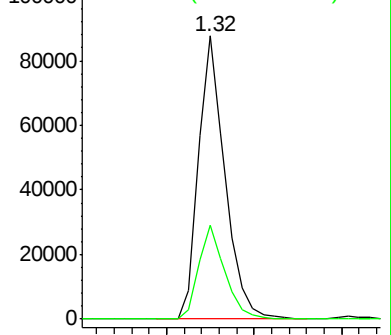
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.07 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001229.D

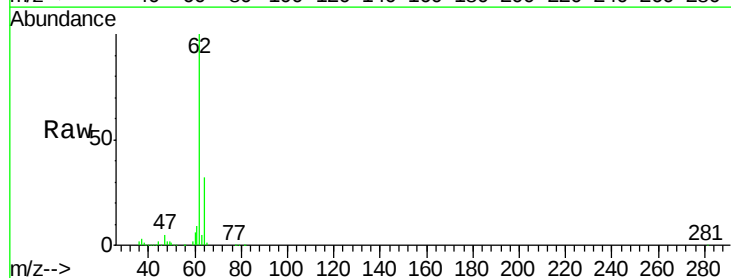
Acq: 28 Apr 2018 22:20

Tgt Ion: 62 Resp: 107130

Ion Ratio Lower Upper

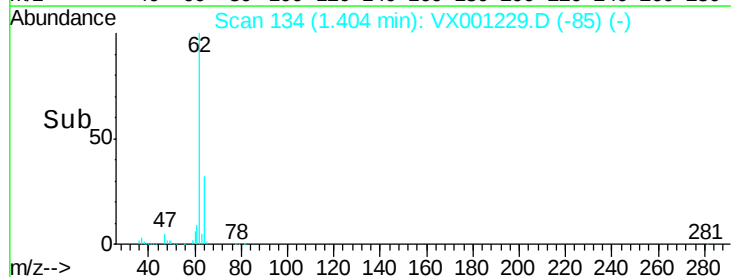
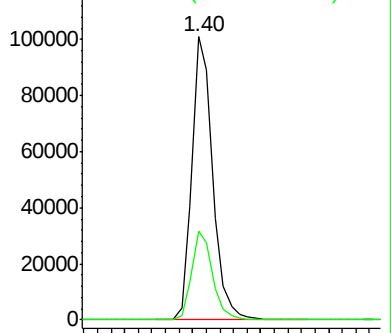
62 100

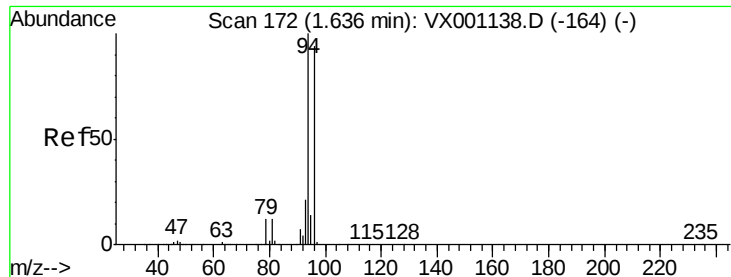
64 31.6 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 55.30 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 76659

Ion Ratio Lower Upper

94 100

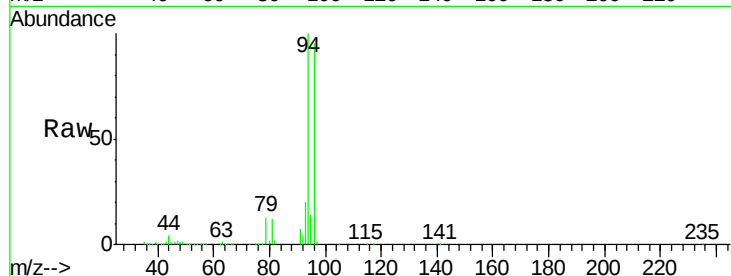
96 95.1 75.3 112.9

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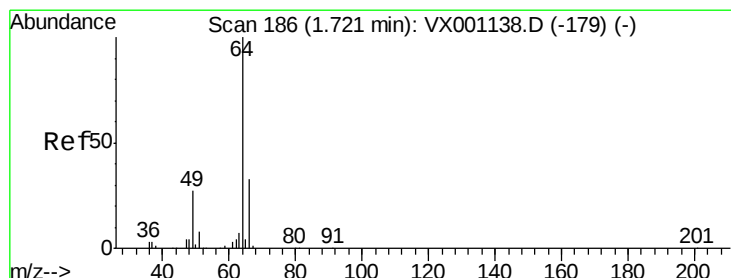
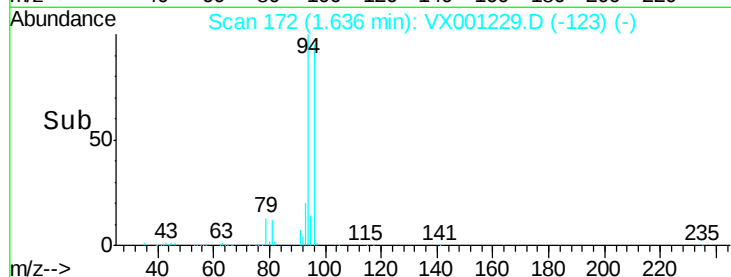
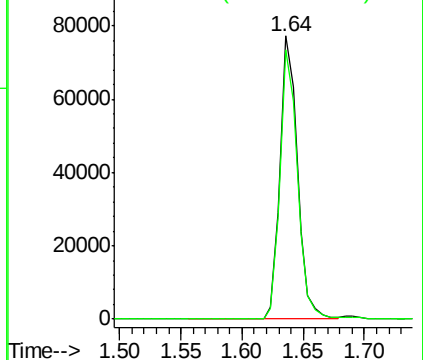
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.38 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX001229.D

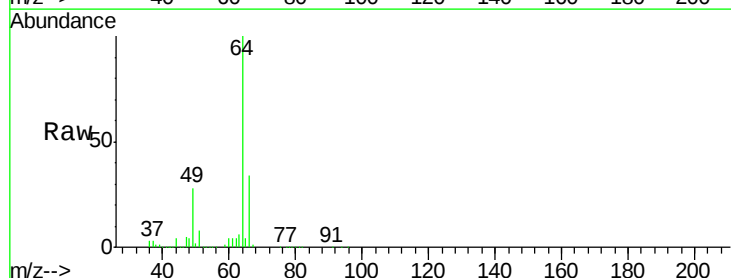
Acq: 28 Apr 2018 22:20

Tgt Ion: 64 Resp: 69309

Ion Ratio Lower Upper

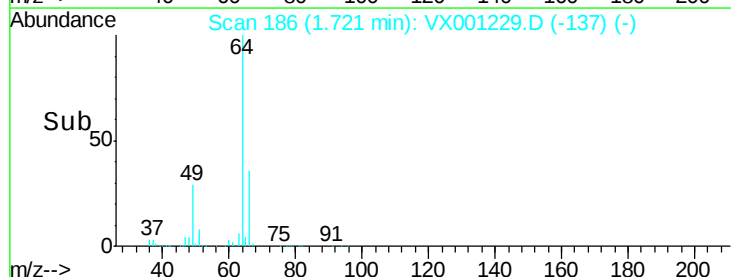
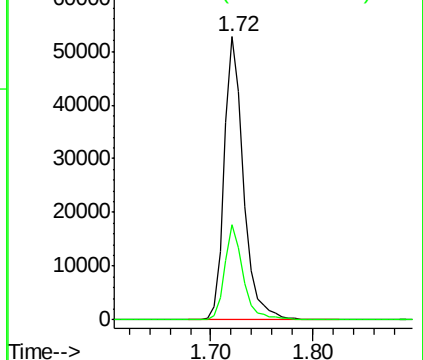
64 100

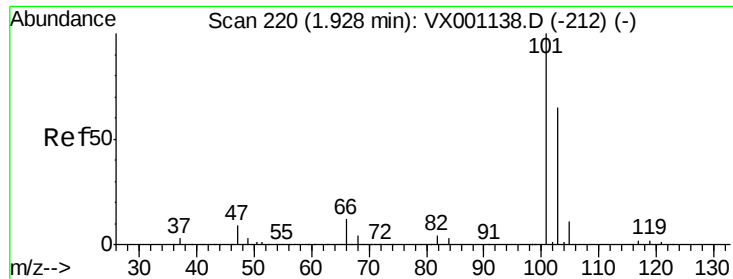
66 33.7 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

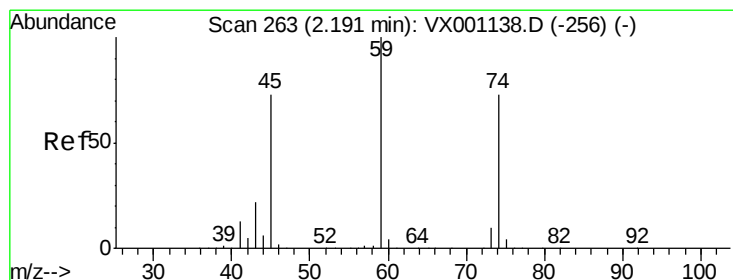
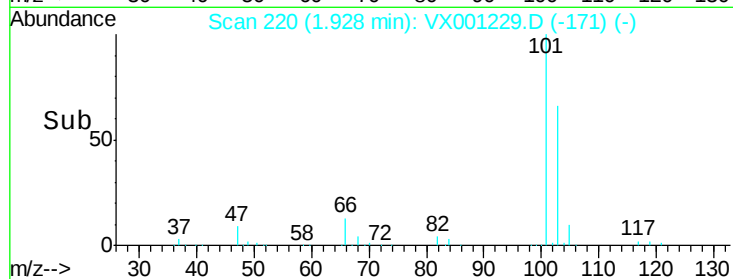
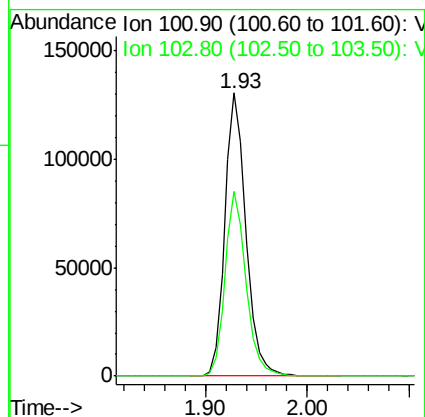
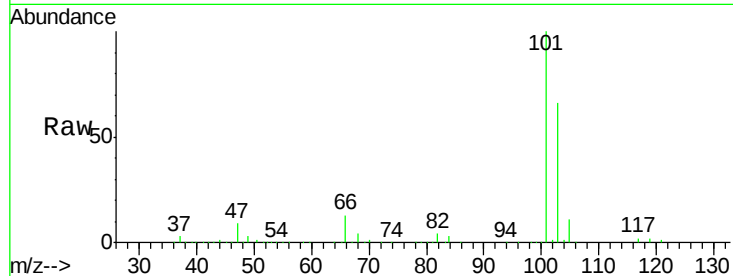
Trichlorofluoromethane
Concen: 51.20 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX001229.D
Acq: 28 Apr 2018 22:20

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	51.9	77.9

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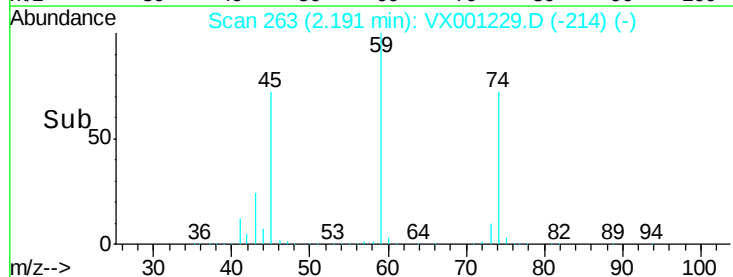
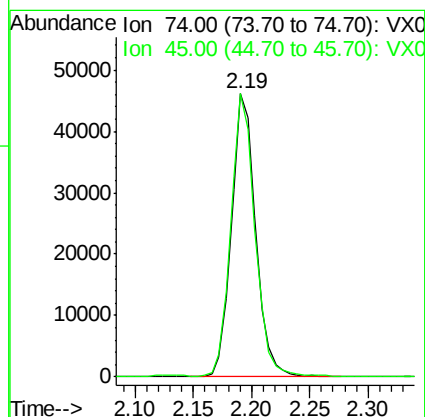
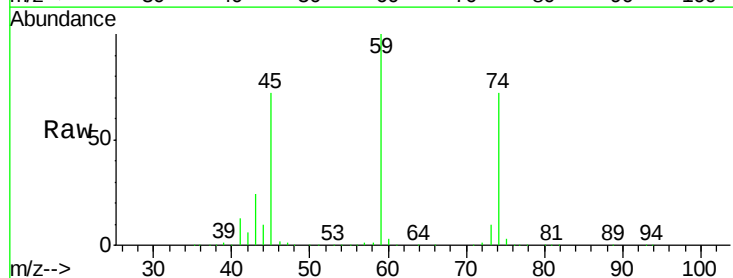
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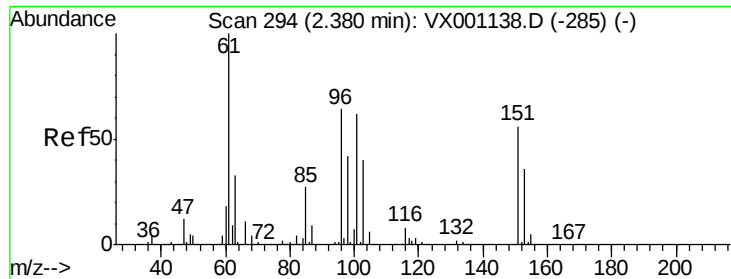


#8

Diethyl Ether
Concen: 47.16 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX001229.D
Acq: 28 Apr 2018 22:20

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.0	49.5	148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.75 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Instrument :

MSVOA_X

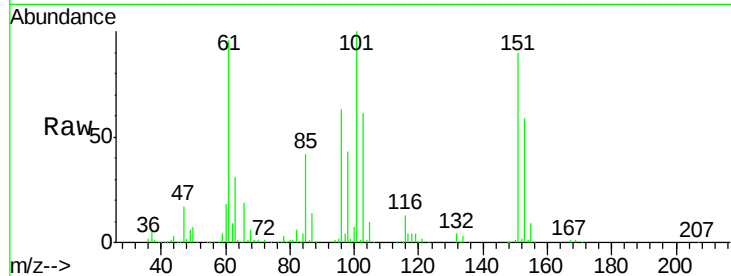
ClientSampleId :

VSTDCCC050

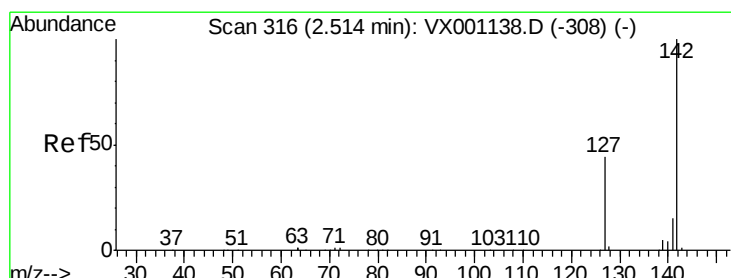
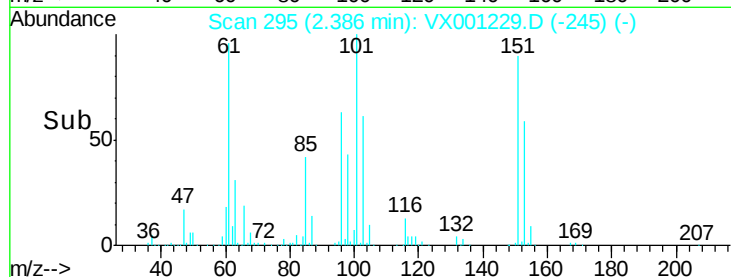
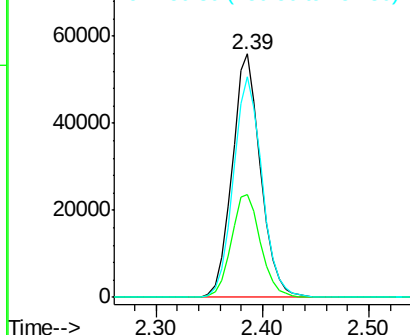
Tot Ion:	101	Resp:	104816
Ion Ratio	Lower	Upper	
101	100		
85	44.0	35.4	53.0
151	91.4	74.2	111.4

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 57.31 ug/l

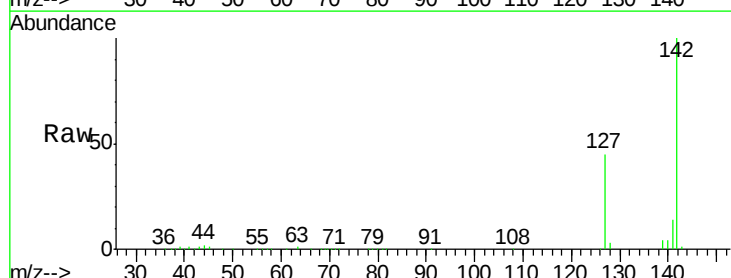
RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

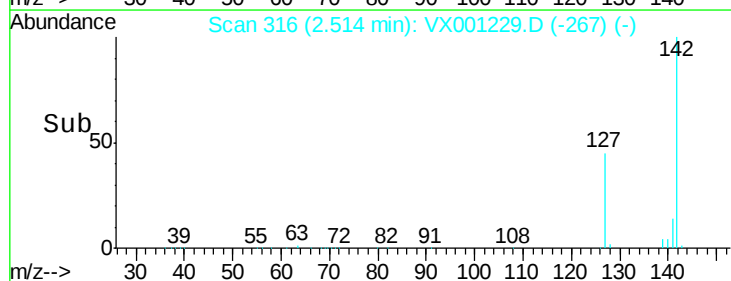
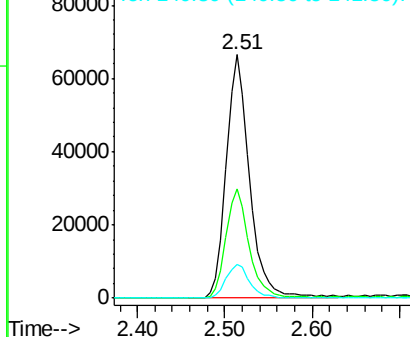
Lab File: VX001229.D

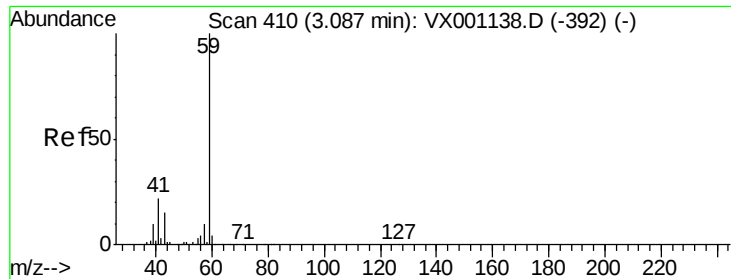
Acq: 28 Apr 2018 22:20

Tgt Ion:	142	Resp:	123277
Ion Ratio	Lower	Upper	
142	100		
127	44.6	34.7	52.1
141	14.4	11.6	17.4



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





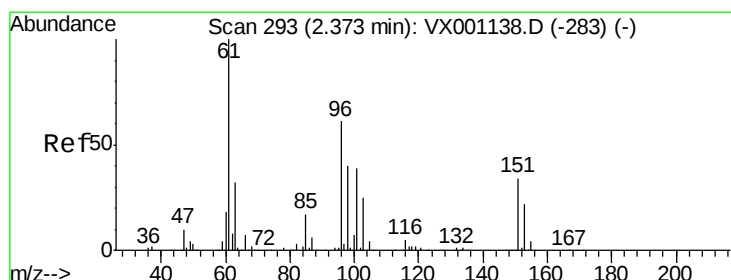
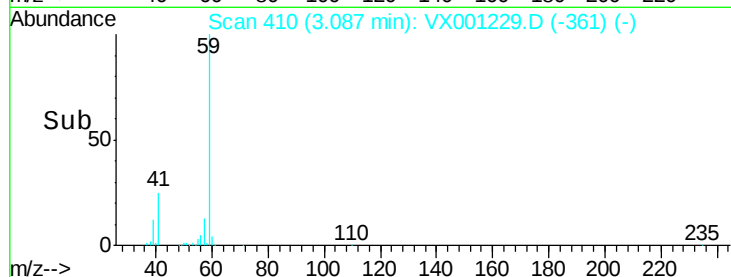
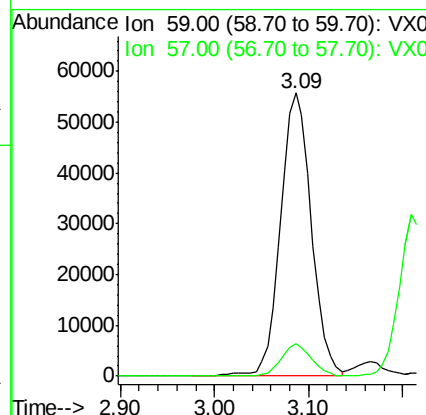
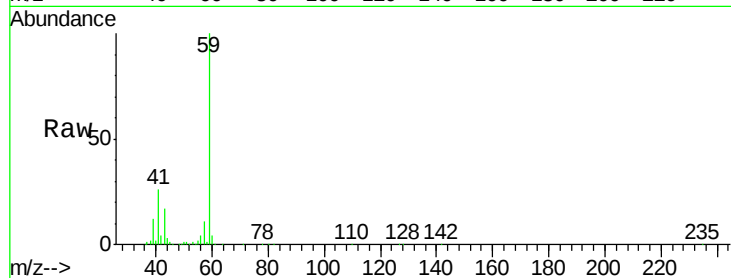
#11
Tert butyl alcohol
Concen: 211.87 ug/l
RT: 3.09 min Scan# 410
Delta R.T. -0.00 min
Lab File: VX001229.D
Acq: 28 Apr 2018 22:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.2	12.4

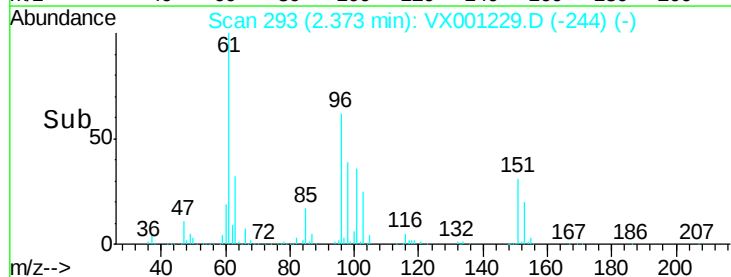
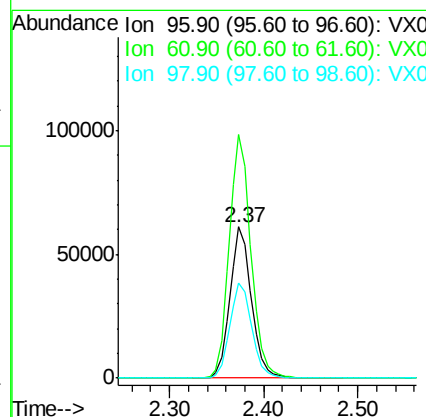
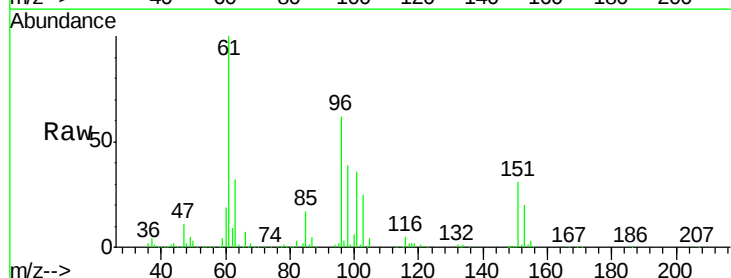
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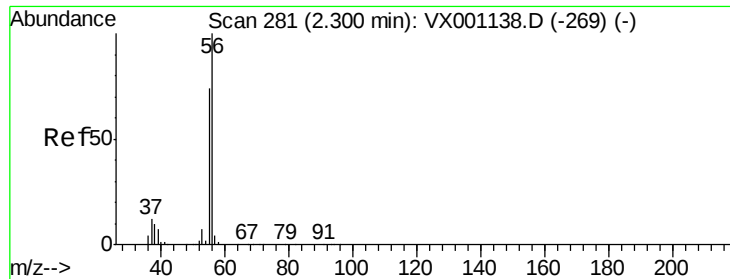
apatel
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#12
1,1-Dichloroethene
Concen: 48.66 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX001229.D
Acq: 28 Apr 2018 22:20

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.3	130.2	195.4
98	62.9	51.5	77.3





#13

Acrolein

Concen: 186.30 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 42053

Ion Ratio Lower Upper

56 100

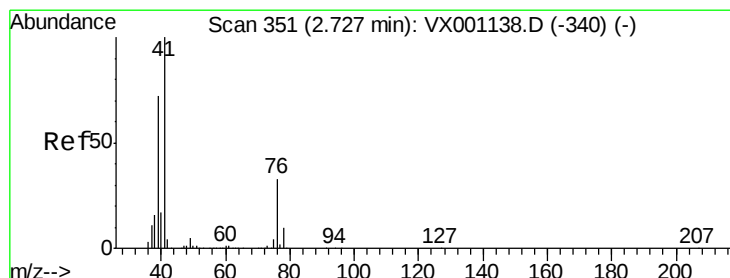
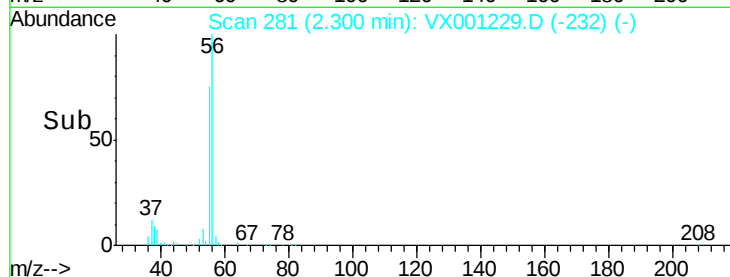
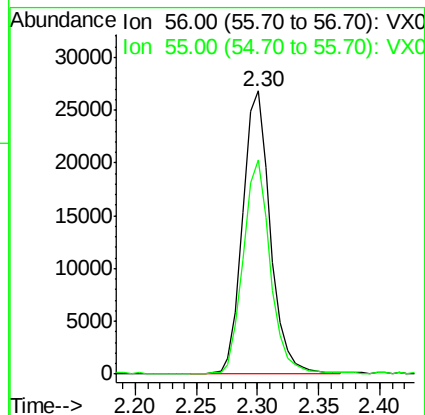
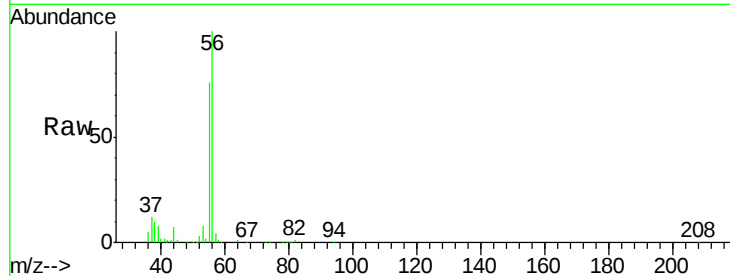
55 75.1 57.2 85.8

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#14

Allyl chloride

Concen: 48.18 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

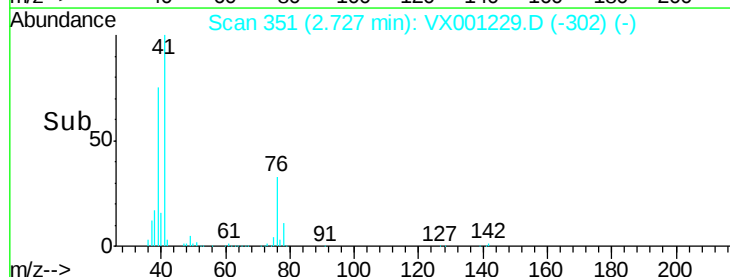
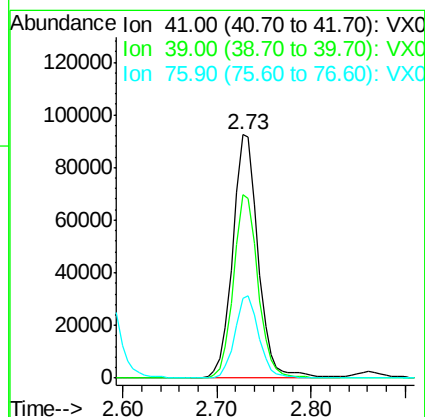
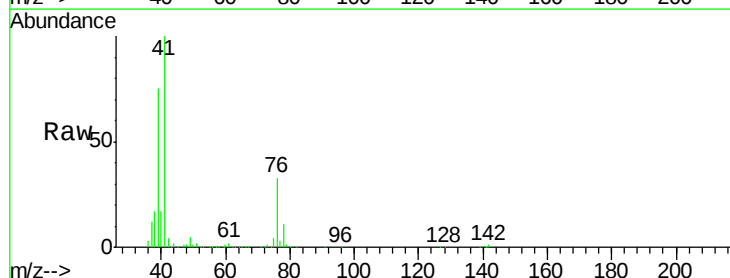
Tgt Ion: 41 Resp: 173619

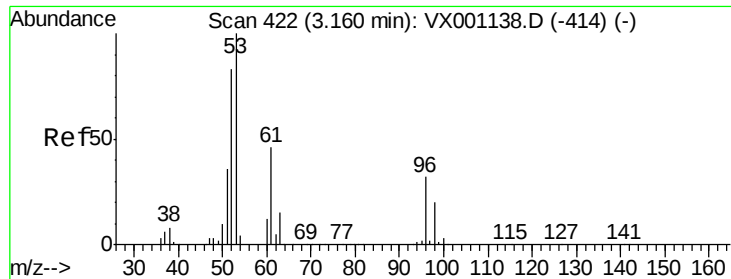
Ion Ratio Lower Upper

41 100

39 72.3 55.6 83.4

76 31.8 24.8 37.2





#15

Acrylonitrile

Concen: 223.13 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Instrument :

MSVOA_X

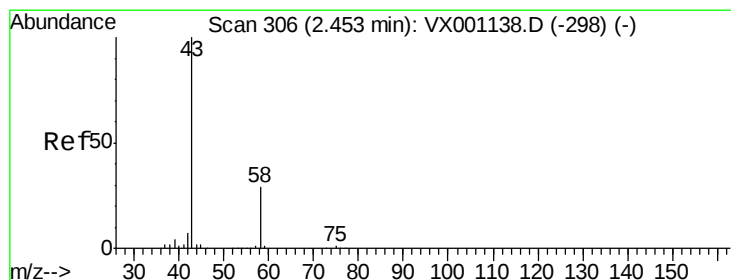
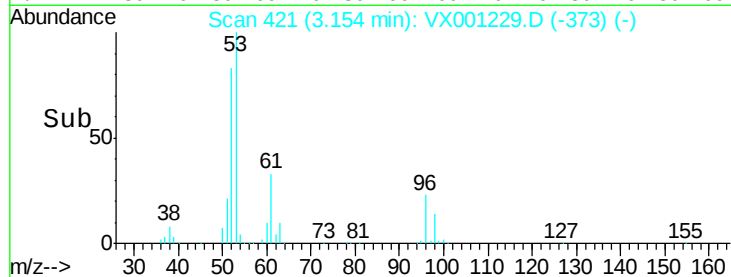
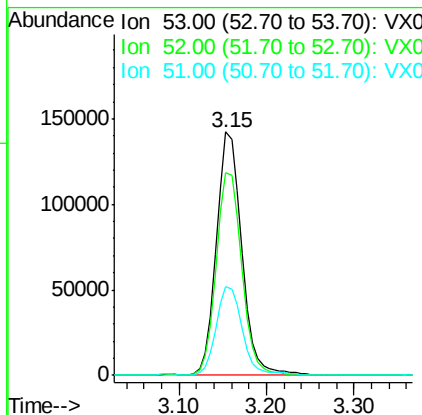
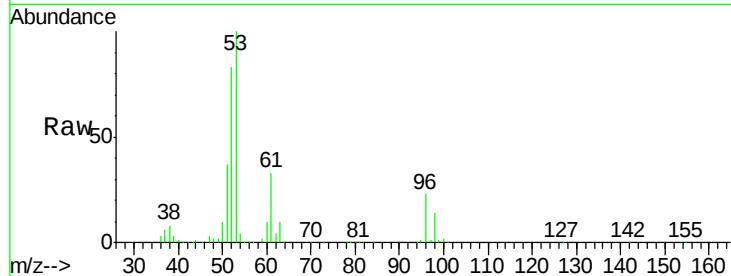
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	284505
Ion Ratio	Lower	Upper	
53	100		
52	84.5	66.5	99.7
51	38.1	29.5	44.3

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#16

Acetone

Concen: 209.32 ug/l

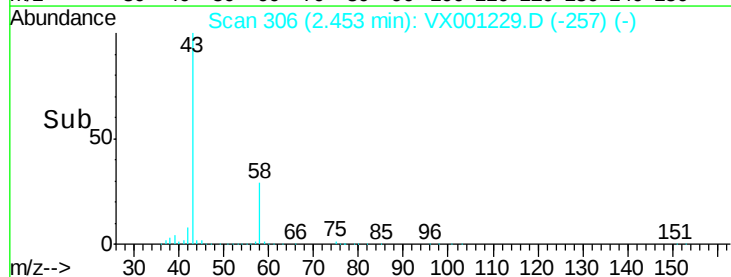
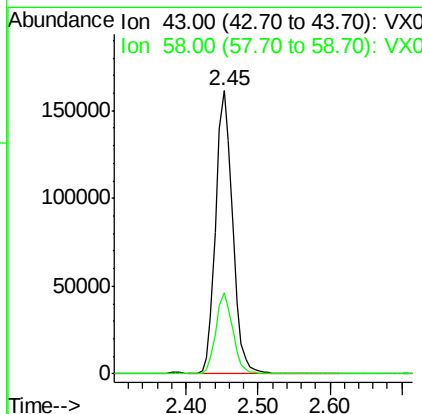
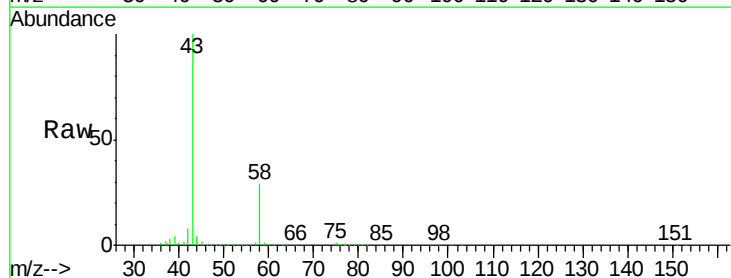
RT: 2.45 min Scan# 306

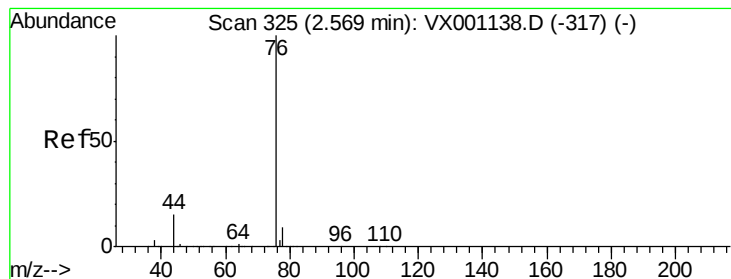
Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Tgt Ion:	43	Resp:	260637
Ion Ratio	Lower	Upper	
43	100		
58	28.7	23.0	34.6





#17

Carbon Disulfide

Concen: 47.11 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 237412

Ion Ratio Lower Upper

76 100

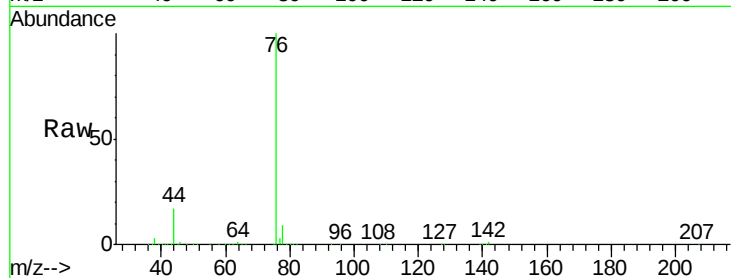
78 8.9 7.3 10.9

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

150000

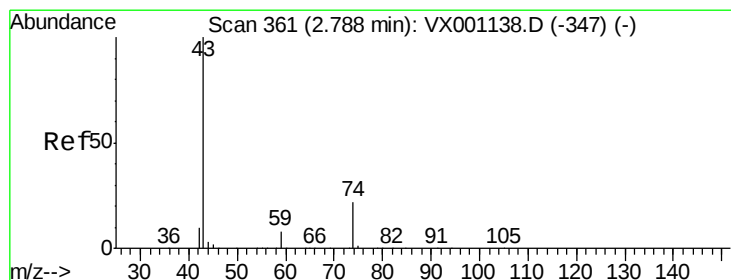
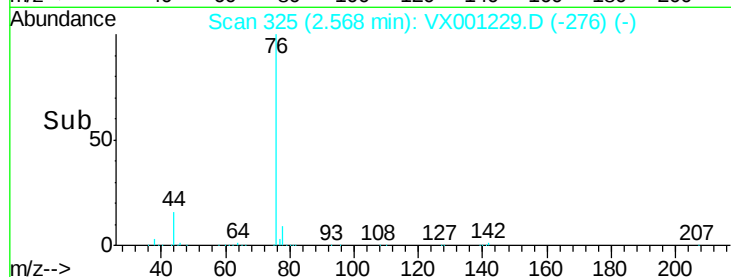
100000

50000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 48.03 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.01 min

Lab File: VX001229.D

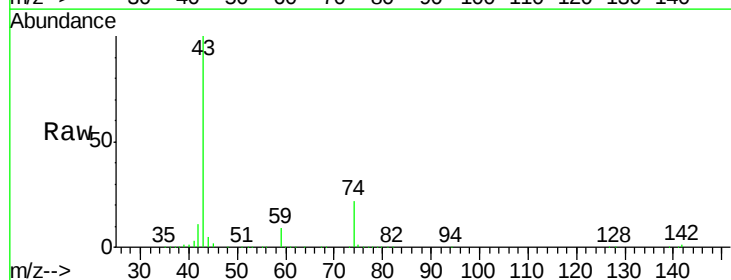
Acq: 28 Apr 2018 22:20

Tgt Ion: 43 Resp: 149652

Ion Ratio Lower Upper

43 100

74 22.5 18.1 27.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

80000

60000

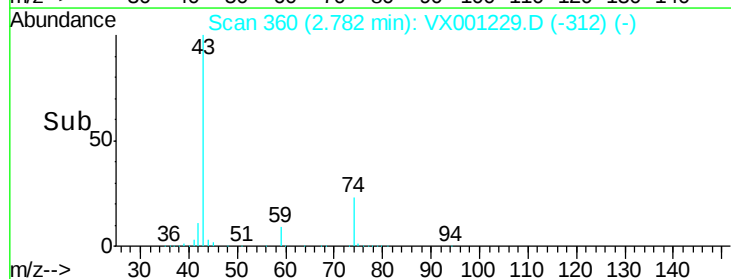
40000

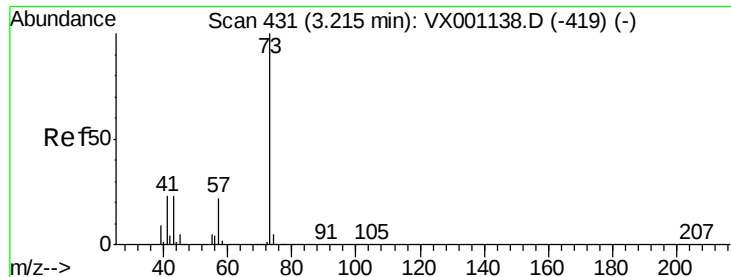
20000

0

Time-->

2.70 2.75 2.80 2.85





#19

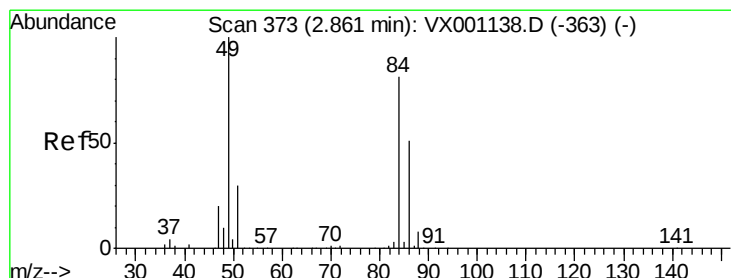
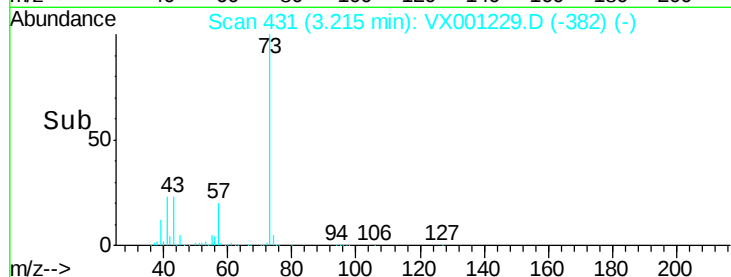
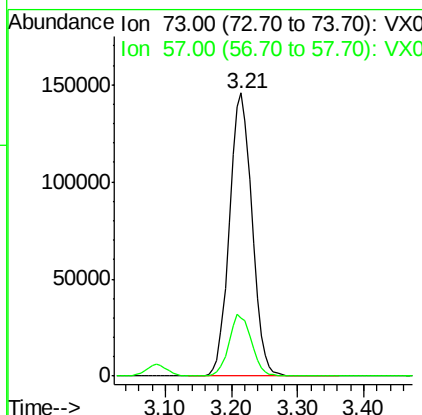
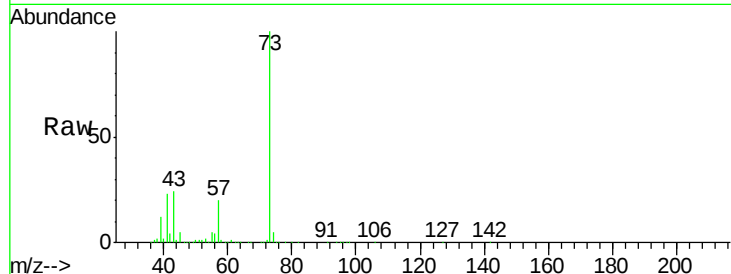
Methyl tert-butyl Ether
 Concen: 47.43 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. -0.00 min
 Lab File: VX001229.D
 Acq: 28 Apr 2018 22:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.4	17.7	26.5

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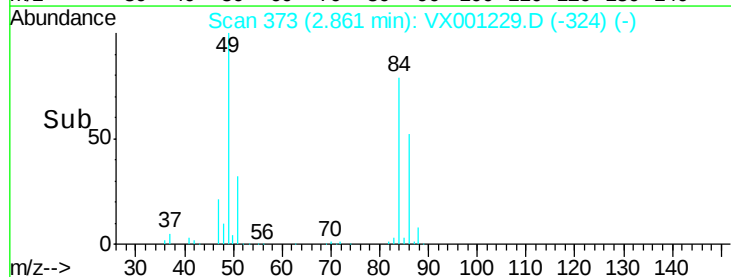
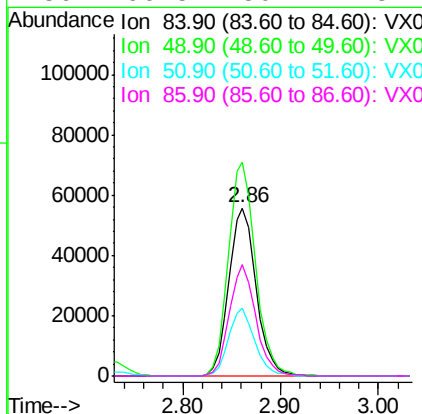
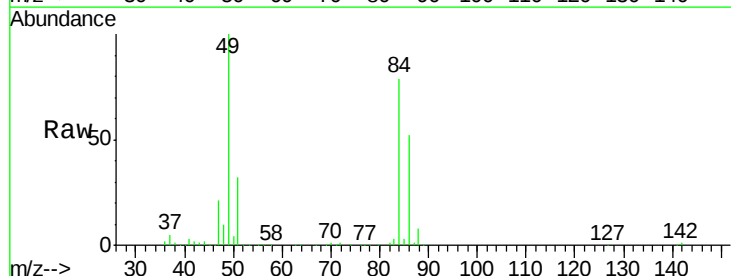
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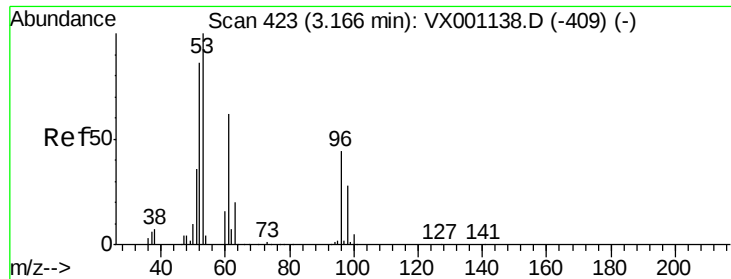


#20

Methylene Chloride
 Concen: 46.66 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. -0.00 min
 Lab File: VX001229.D
 Acq: 28 Apr 2018 22:20

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.0	99.2	148.8
51	40.2	29.5	44.3
86	66.5	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 47.95 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Instrument :

MSVOA_X

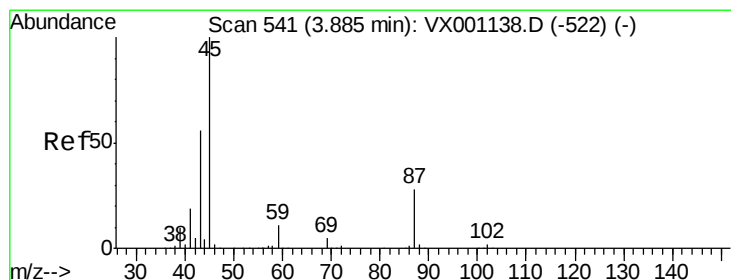
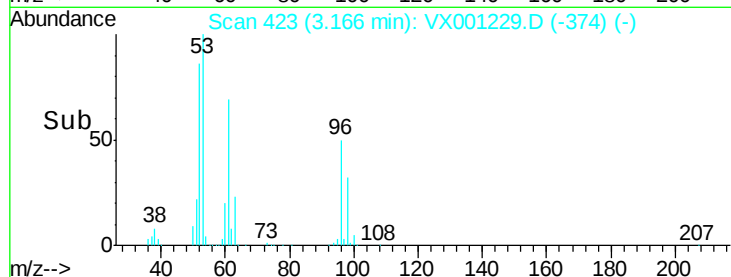
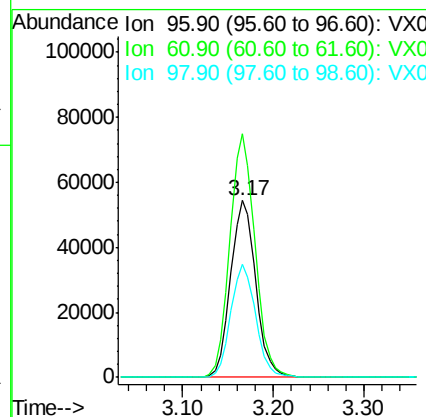
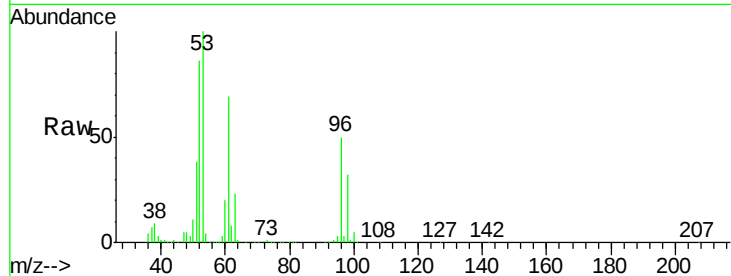
ClientSampled :

VSTDCCC050

Tot Ion:	96	Resp:	104695
Ion	Ratio	Lower	Upper
96	100		
61	137.9	111.9	167.9
98	64.0	51.1	76.7

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#22

Diisopropyl ether

Concen: 46.21 ug/l

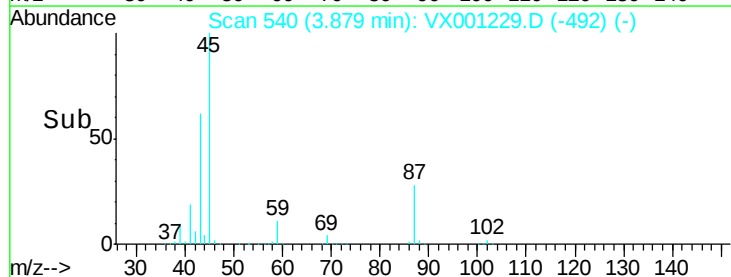
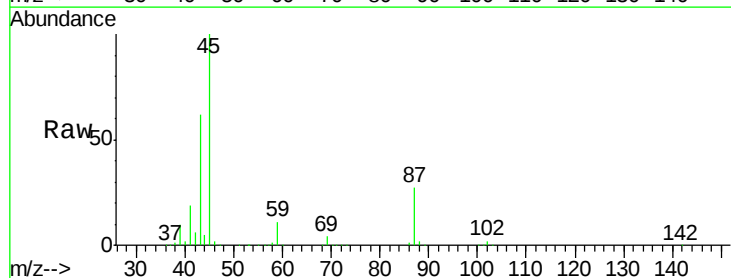
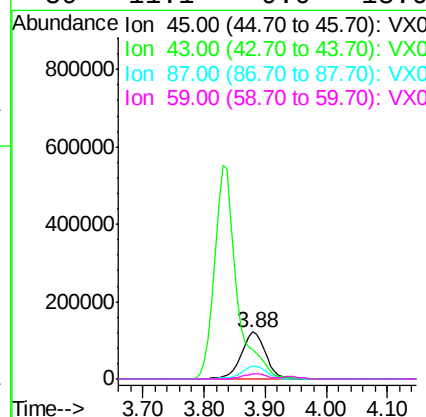
RT: 3.88 min Scan# 540

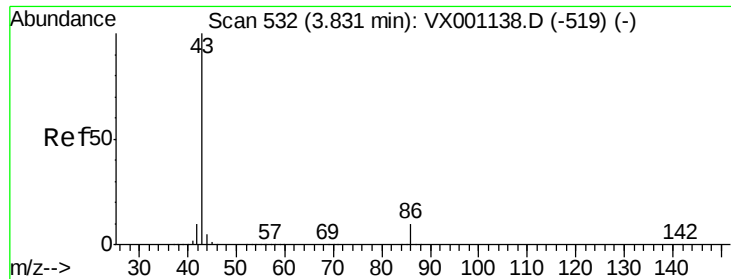
Delta R.T. -0.01 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Tgt Ion:	45	Resp:	333164
Ion	Ratio	Lower	Upper
45	100		
43	61.2	45.0	67.4
87	27.5	22.8	34.2
59	11.1	9.0	13.6





#23

Vinyl Acetate

Concen: 231.53 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1416111

Ion Ratio Lower Upper

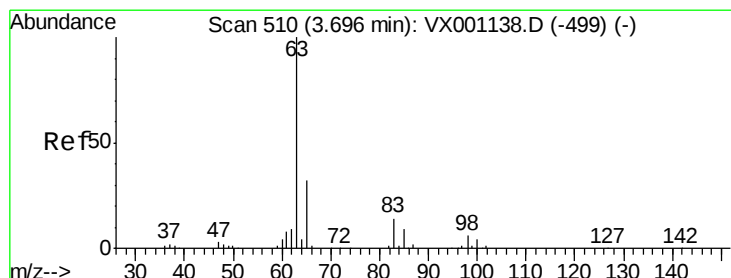
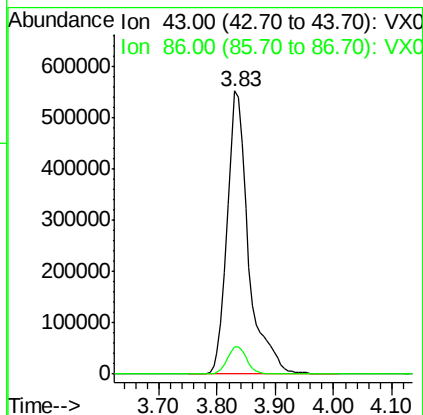
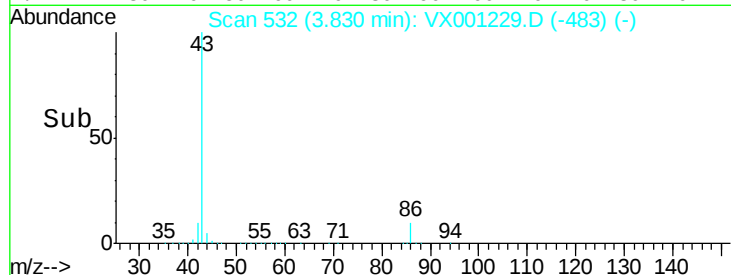
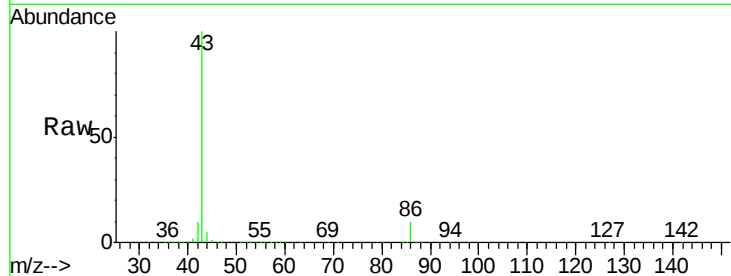
43 100

86 9.8 8.0 12.0

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#24

1,1-Dichloroethane

Concen: 46.53 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

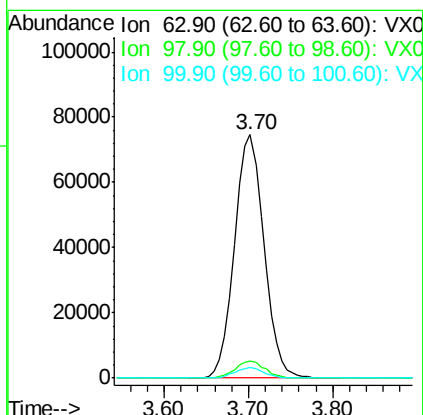
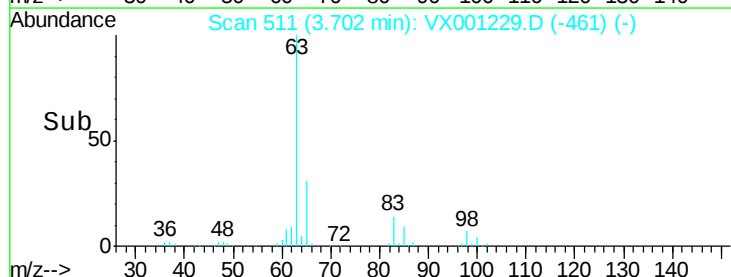
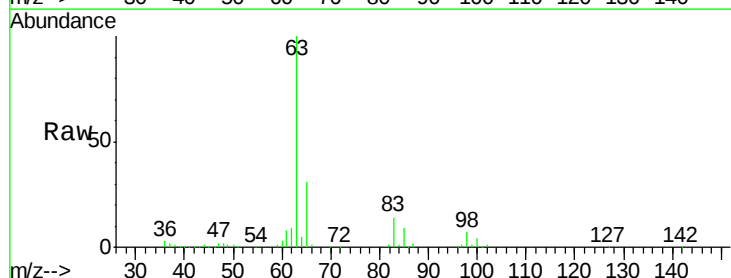
Tgt Ion: 63 Resp: 176328

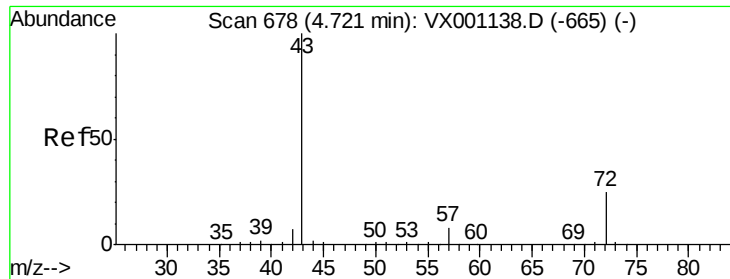
Ion Ratio Lower Upper

63 100

98 6.8 3.1 9.4

100 4.3 2.1 6.5





#25

2-Butanone

Concen: 207.65 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 386856

Ion Ratio Lower Upper

43 100

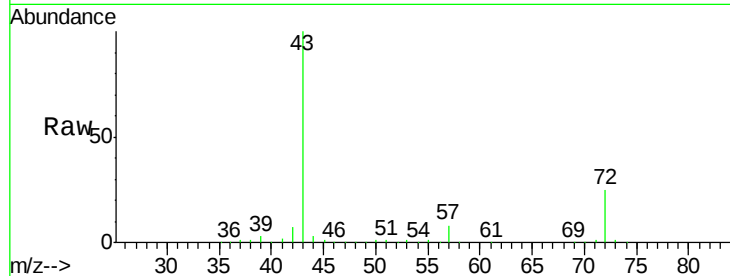
72 25.1 20.0 30.0

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

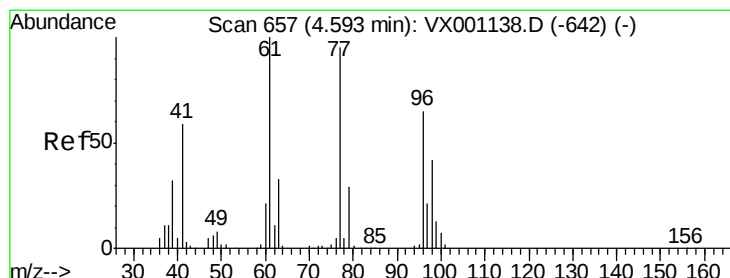
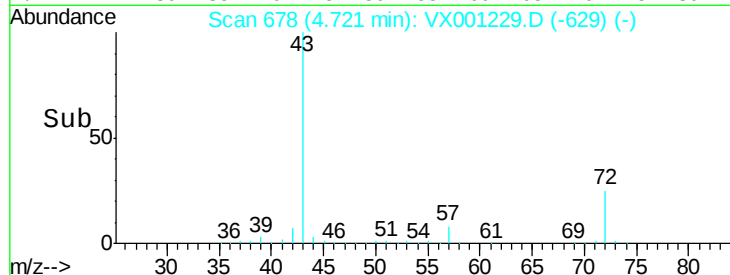
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 39.21 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX001229.D

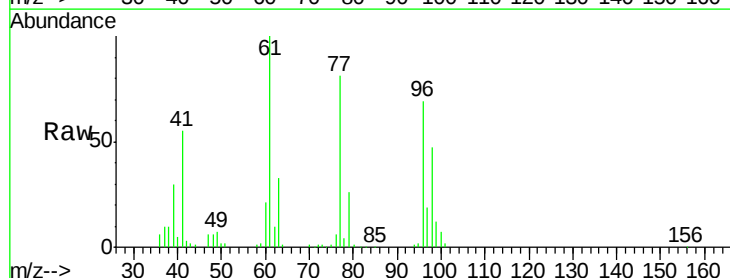
Acq: 28 Apr 2018 22:20

Tgt Ion: 77 Resp: 116938

Ion Ratio Lower Upper

77 100

97 24.0 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

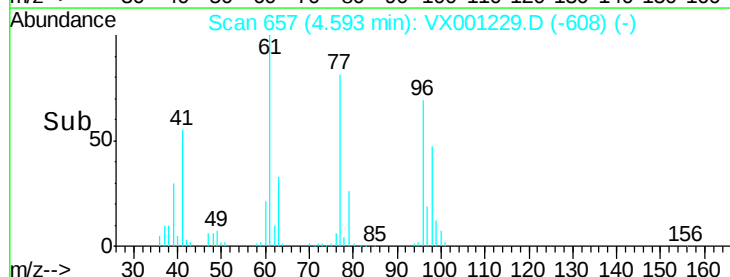
20000

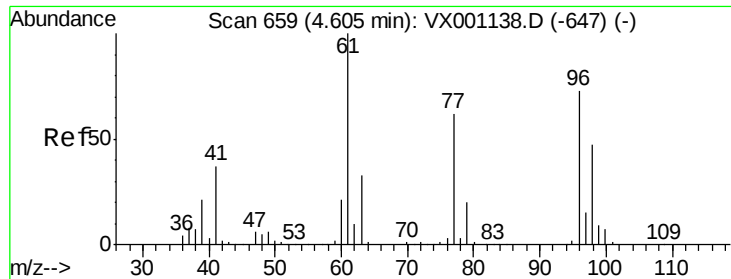
10000

0

4.50 4.60 4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 47.02 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001229.D

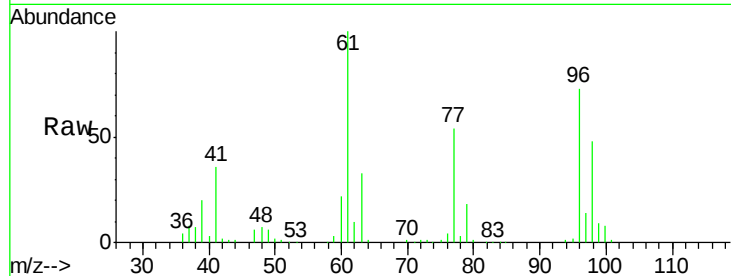
Acq: 28 Apr 2018 22:20

Tot Ion:	96	Resp:	112425
Ion	Ratio	Lower	Upper
96	100		
61	141.5	0.0	289.0
98	66.5	0.0	128.2

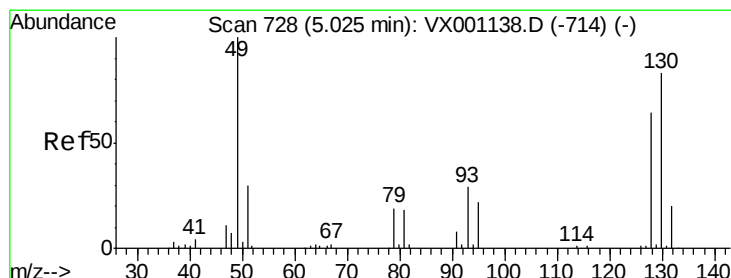
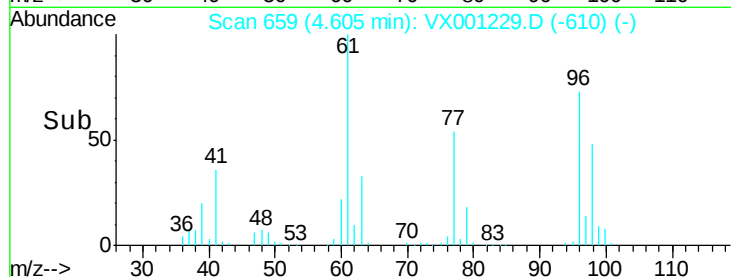
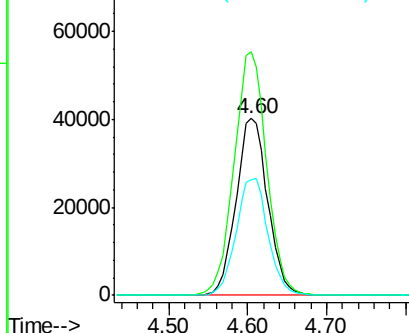
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 49.87 ug/l

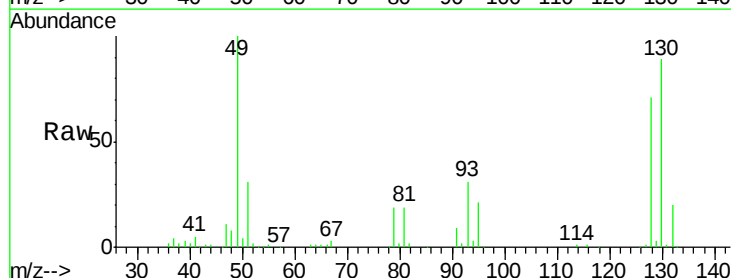
RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

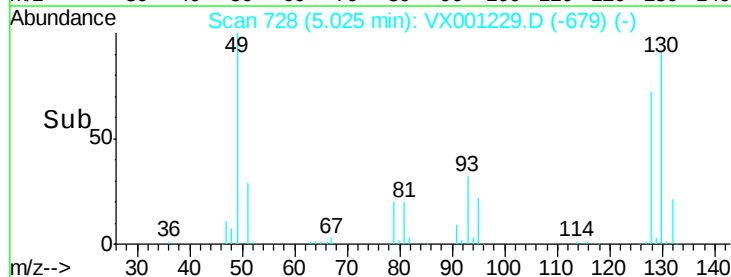
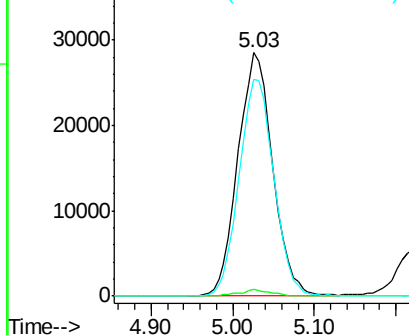
Lab File: VX001229.D

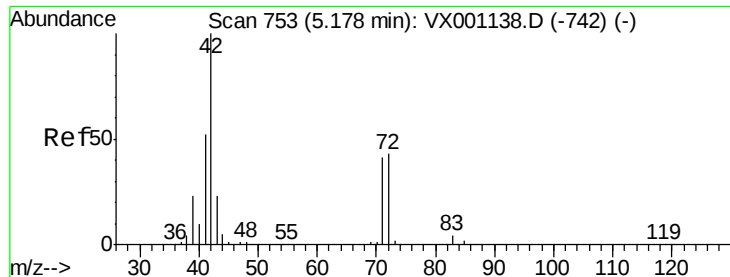
Acq: 28 Apr 2018 22:20

Tgt Ion:	49	Resp:	84737
Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.6
130	89.0	68.2	102.2



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





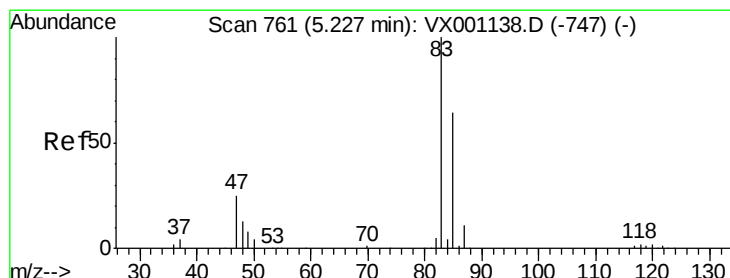
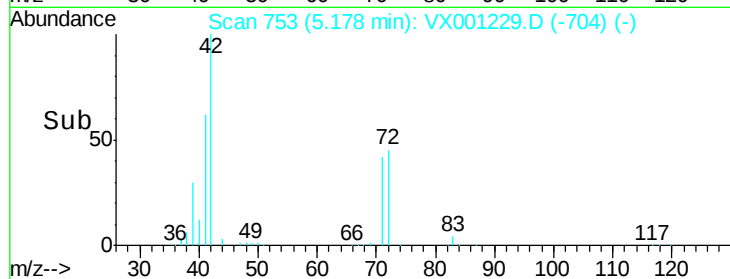
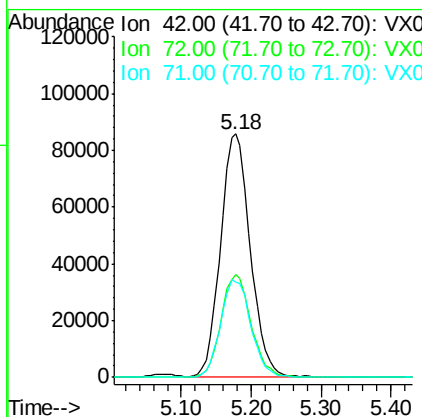
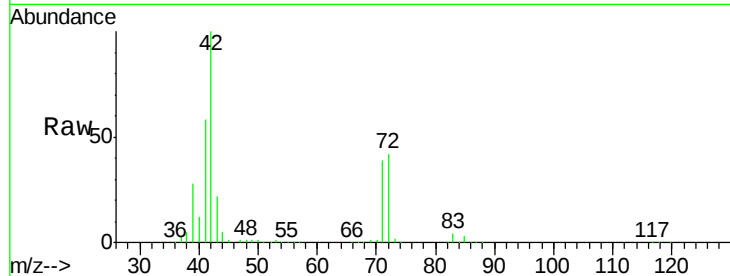
#29
Tetrahydrofuran
Concen: 210.66 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX001229.D
Acq: 28 Apr 2018 22:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	42	Resp:	252343
Ion Ratio	Lower	Upper	
42	100		
72	43.0	34.4	51.6
71	40.9	32.1	48.1

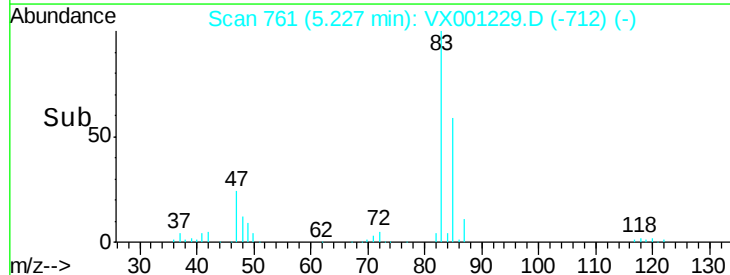
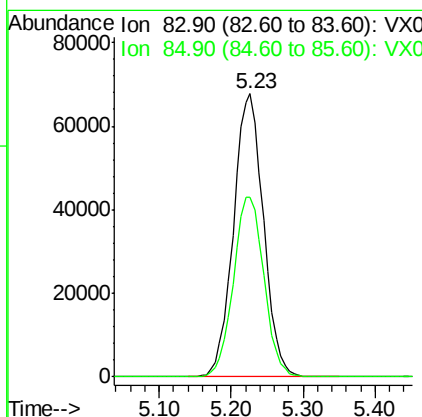
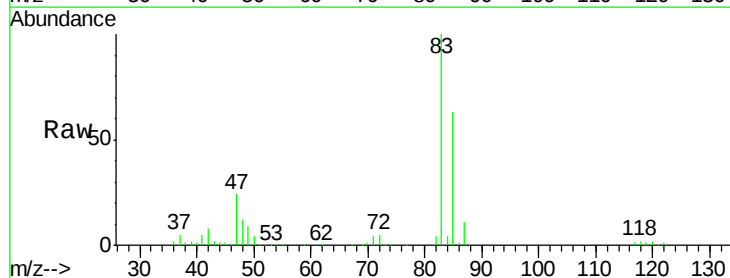
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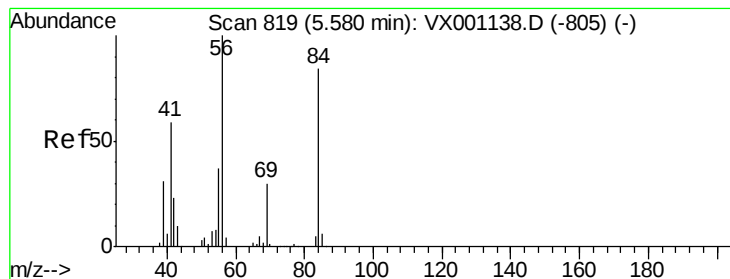
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#30
Chloroform
Concen: 48.47 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX001229.D
Acq: 28 Apr 2018 22:20

Tgt Ion:	83	Resp:	195306
Ion Ratio	Lower	Upper	
83	100		
85	63.4	51.4	77.0





#31

Cyclohexane

Concen: 48.52 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Instrument :

MSVOA_X

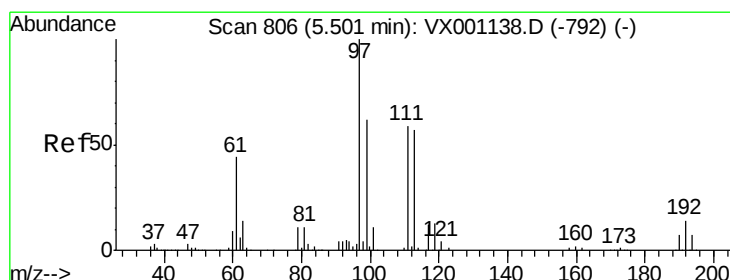
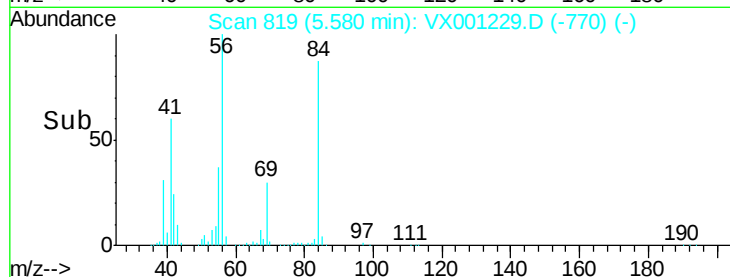
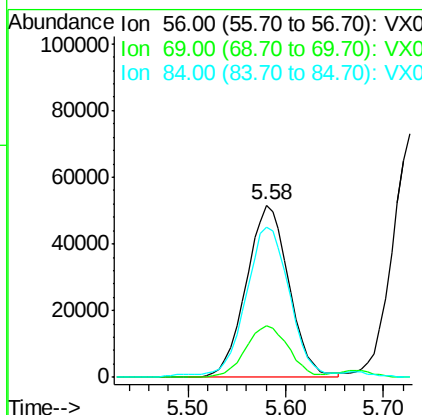
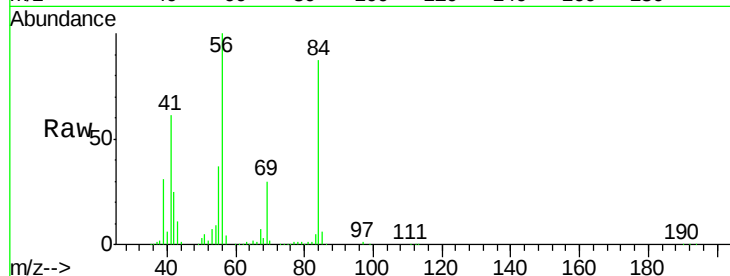
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	156197
Ion	Ratio	Lower	Upper
56	100		
69	29.7	24.2	36.2
84	85.2	67.5	101.3

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#32

1,1,1-Trichloroethane

Concen: 49.31 ug/l

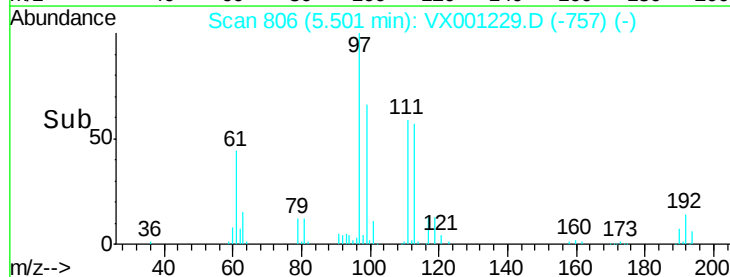
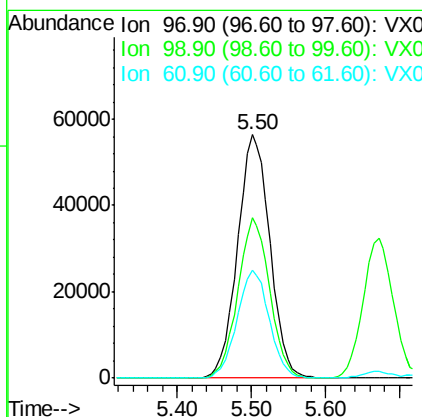
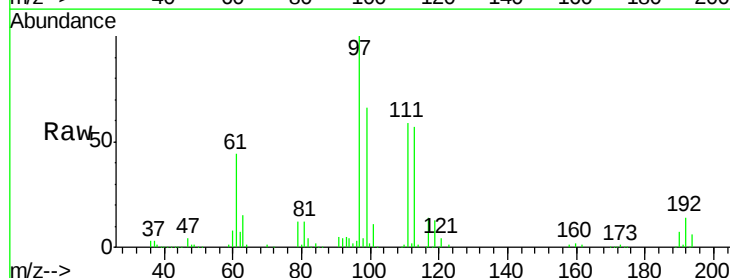
RT: 5.50 min Scan# 806

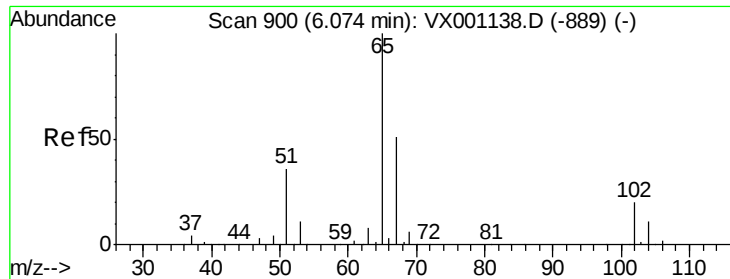
Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Tgt Ion:	97	Resp:	171535
Ion	Ratio	Lower	Upper
97	100		
99	64.9	50.9	76.3
61	44.4	35.0	52.6





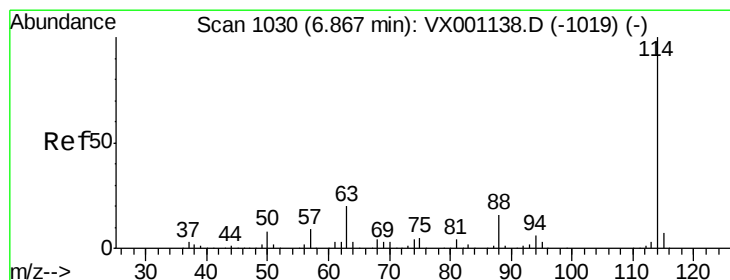
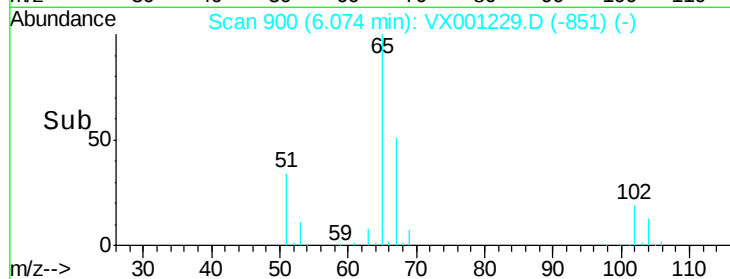
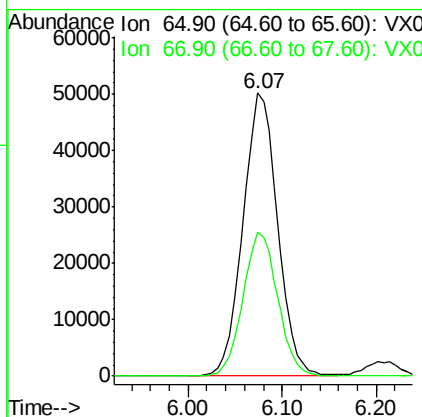
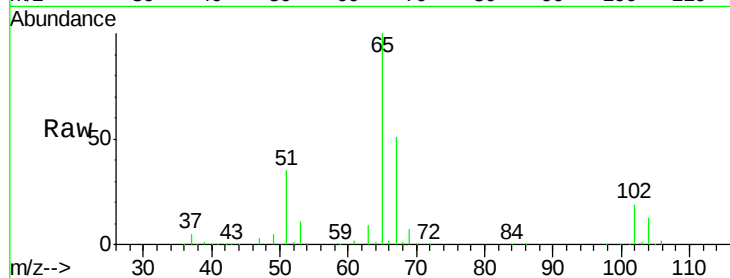
#33
 1,2-Dichloroethane-d4
 Concen: 42.69 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001229.D
 Acq: 28 Apr 2018 22:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	129269		
67	51.1	0.0	102.2	

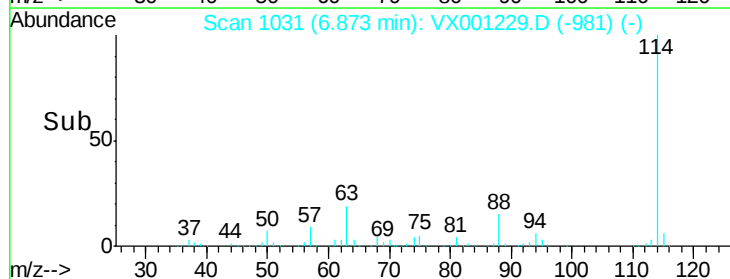
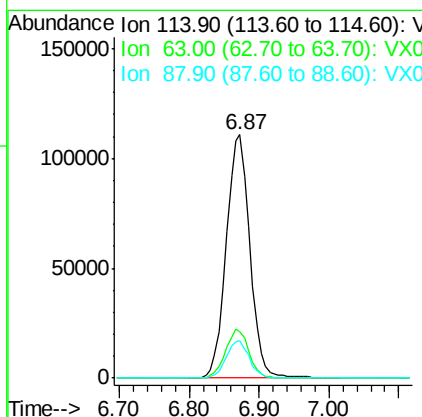
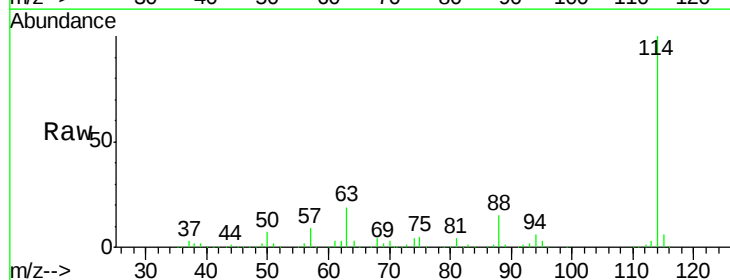
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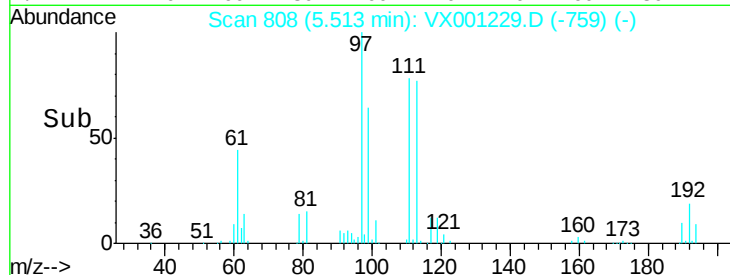
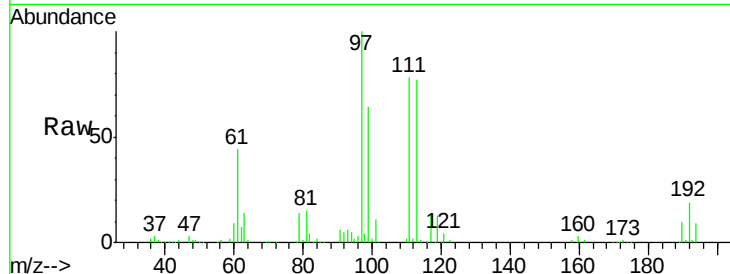
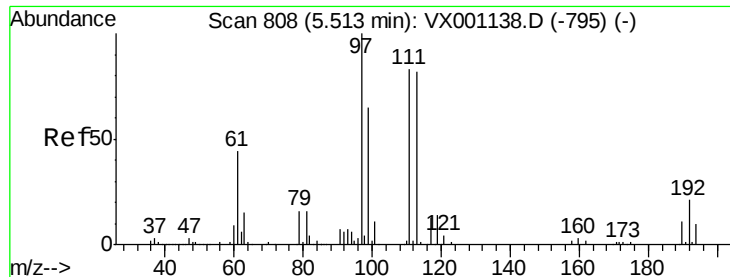
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001229.D
 Acq: 28 Apr 2018 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	259733		
63	18.9	0.0	40.4	
88	15.3	0.0	31.8	





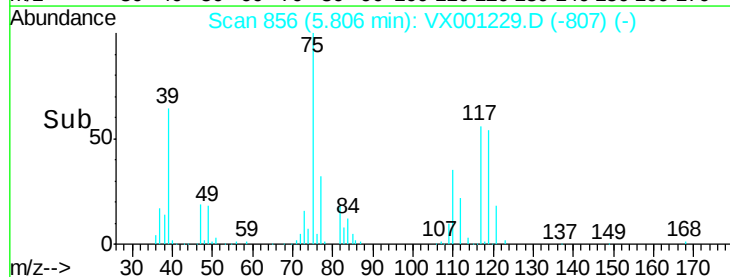
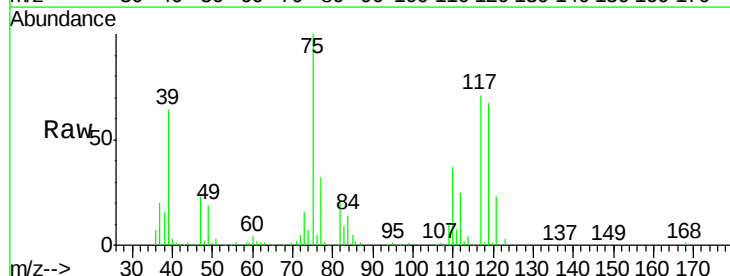
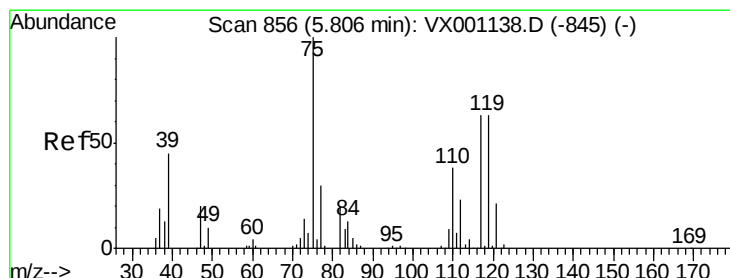
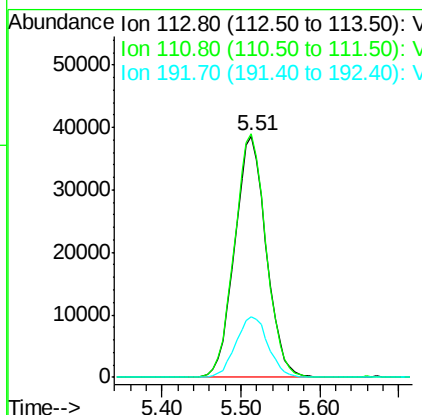
#35
Dibromofluoromethane
Concen: 49.77 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX001229.D
Acq: 28 Apr 2018 22:20

Tot Ion	Ratio	Resp	Lower	Upper
113	100	107006		
111	101.3	82.2	123.4	
192	25.9	20.6	30.8	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

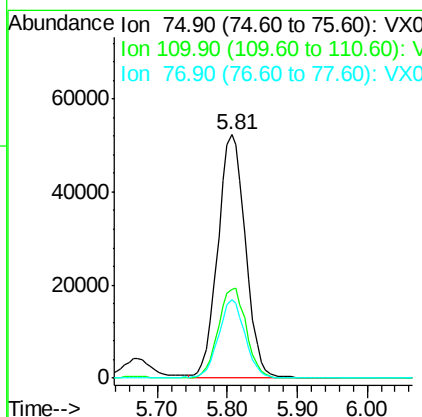
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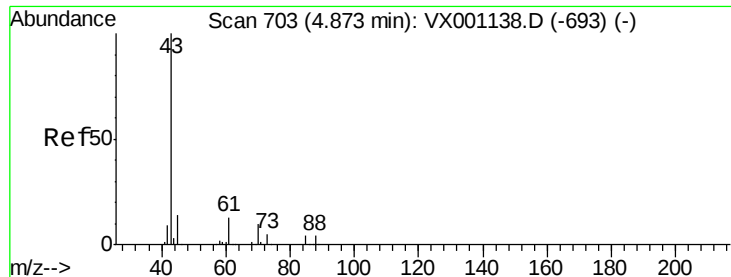
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#36
1,1-Dichloropropene
Concen: 49.93 ug/l
RT: 5.81 min Scan# 856
Delta R.T. -0.00 min
Lab File: VX001229.D
Acq: 28 Apr 2018 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	142906		
110	37.4	19.0	57.0	
77	31.5	24.8	37.2	





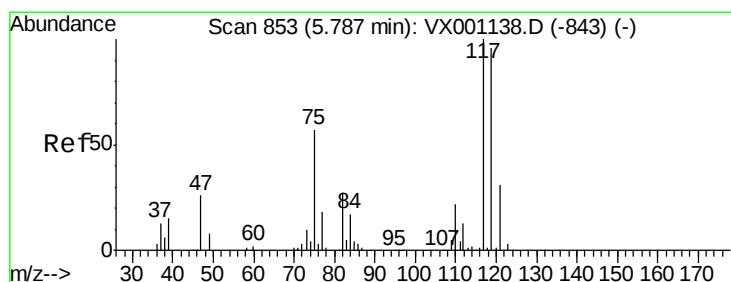
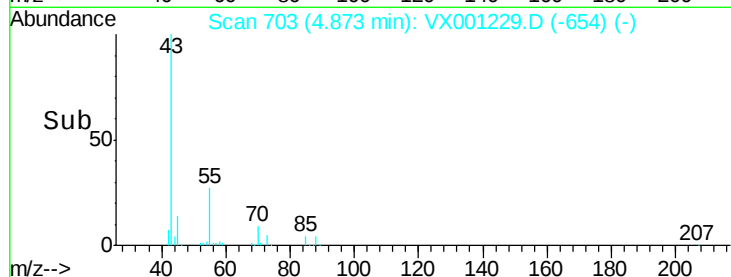
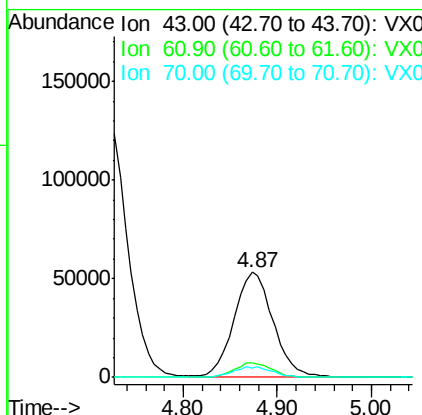
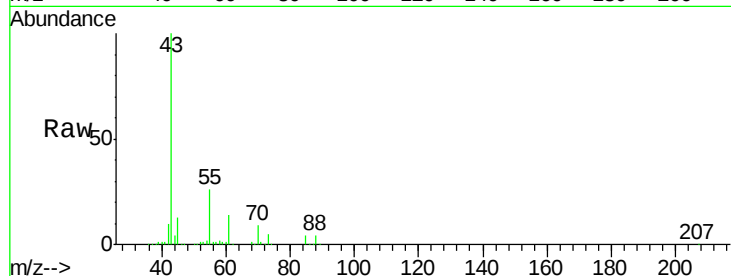
#37
Ethyl Acetate
Concen: 44.53 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX001229.D
Acq: 28 Apr 2018 22:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.0	16.6
70	10.0	8.2	12.2

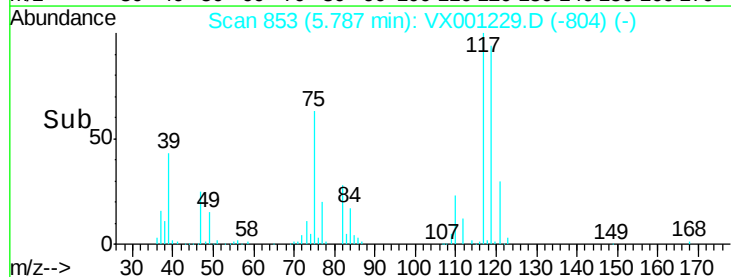
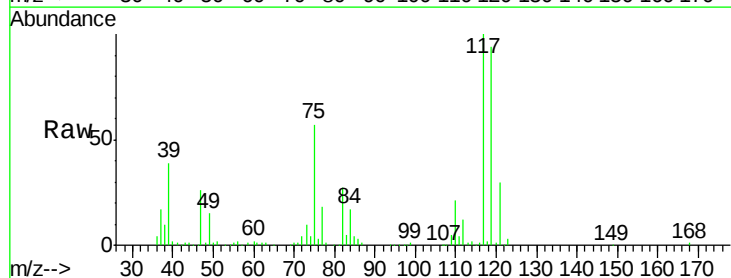
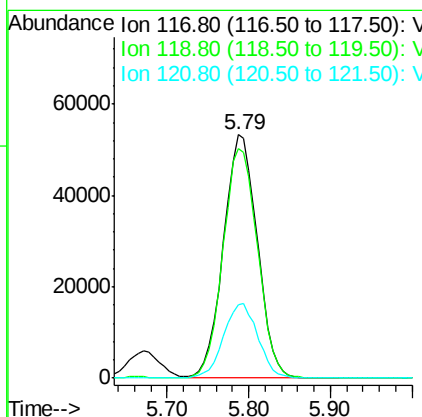
Manual Integrations
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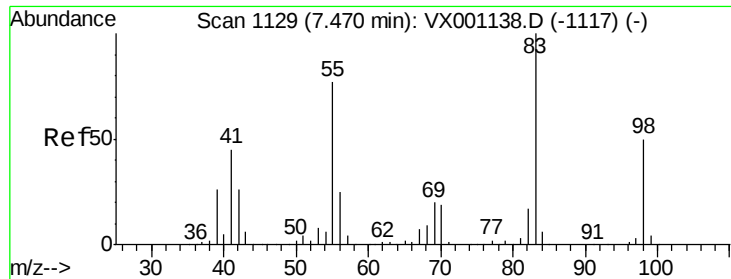
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#38
Carbon Tetrachloride
Concen: 52.21 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001229.D
Acq: 28 Apr 2018 22:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	76.5	114.7
121	30.1	24.6	37.0





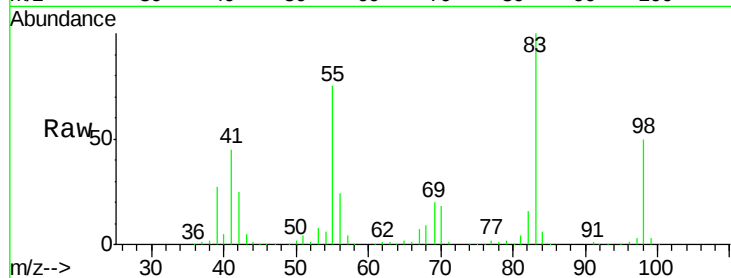
#39
Methvlcvclohexane
Concen: 50.77 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX001229.D
Acq: 28 Apr 2018 22:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	160830		
55	74.8	61.8	92.6	
98	49.7	40.0	60.0	

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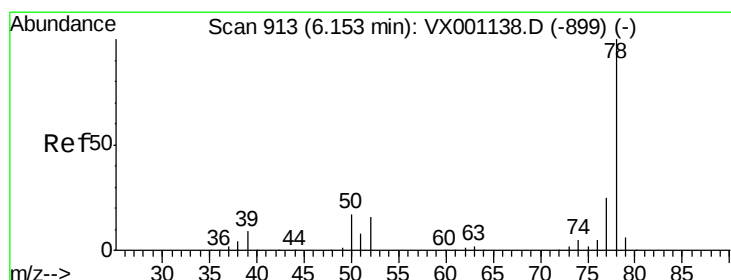
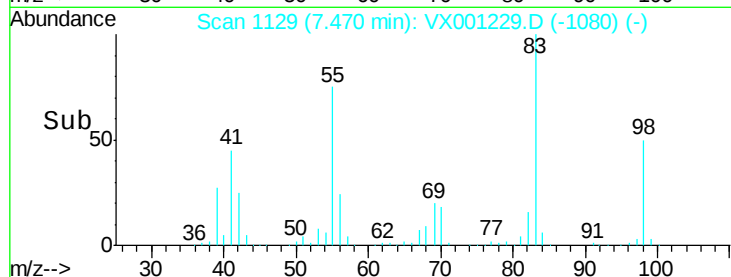
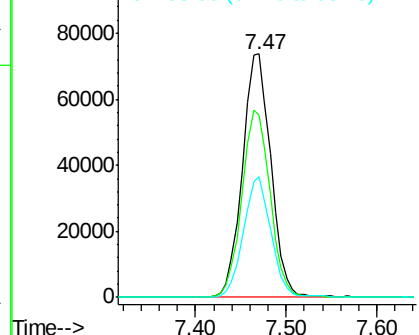


Abundance

Ion 83.00 (82.70 to 83.70): VX0

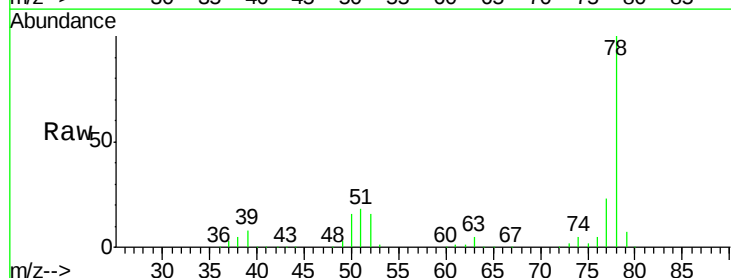
Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40
Benzene
Concen: 51.01 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX001229.D
Acq: 28 Apr 2018 22:20

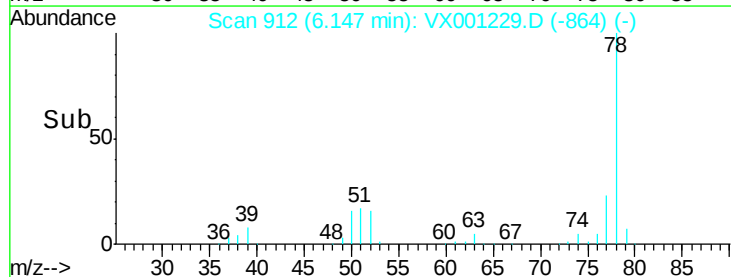
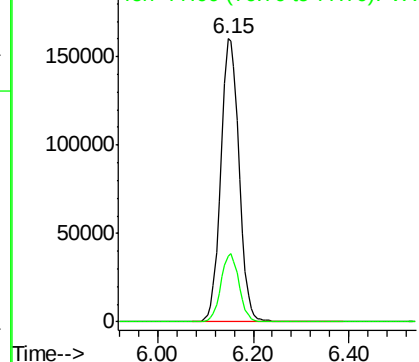
Tgt Ion	Ratio	Resp	Lower	Upper
78	100	422336		
77	23.3	19.7	29.5	

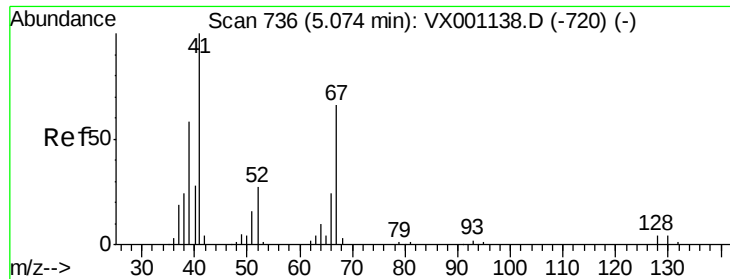


Abundance

Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





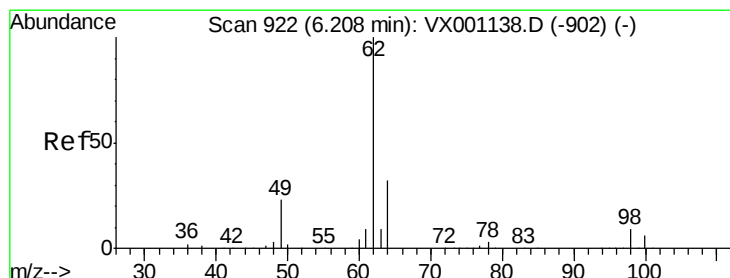
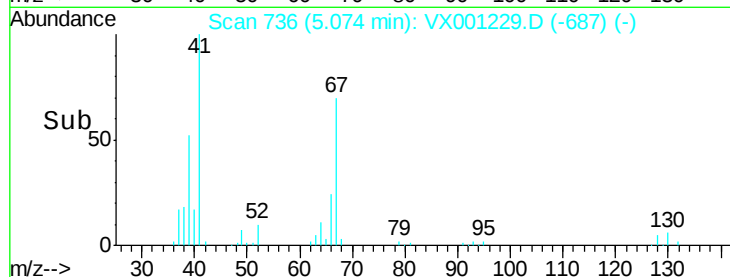
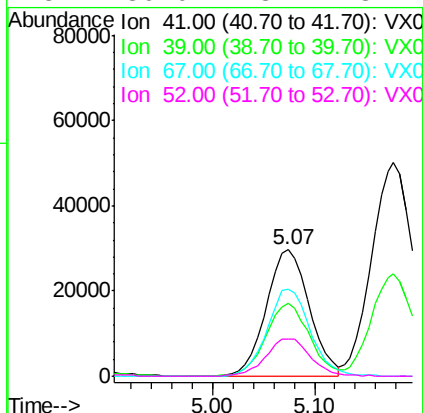
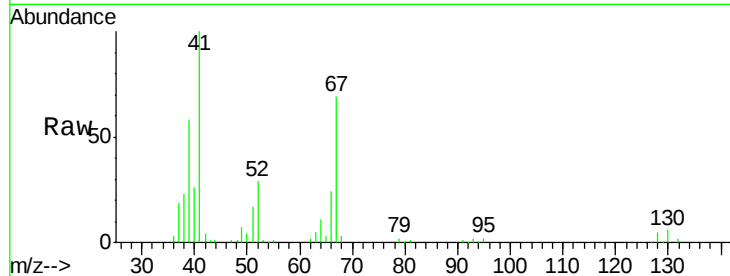
#41
Methacrylonitrile
Concen: 44.94 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX001229.D
Acq: 28 Apr 2018 22:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	58.2	45.9	68.9
67	69.5	53.2	79.8
52	30.0	23.1	34.7

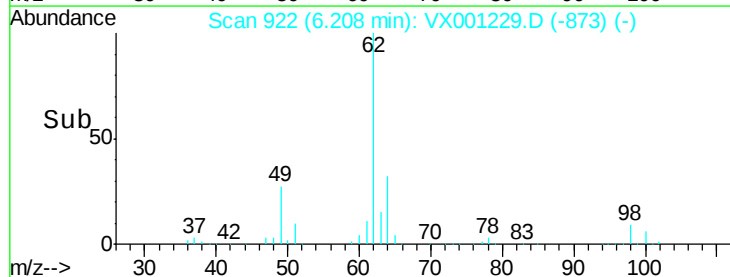
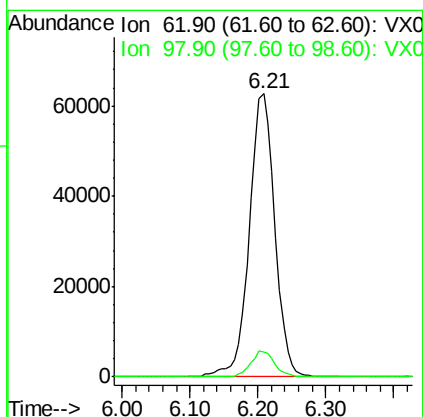
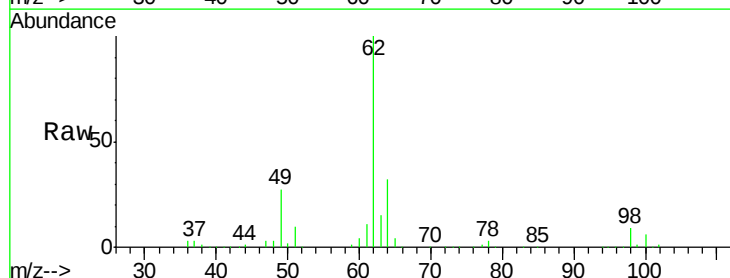
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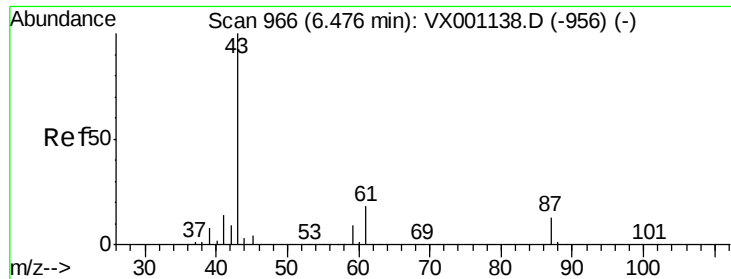
apatel
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#42
1,2-Dichloroethane
Concen: 49.22 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX001229.D
Acq: 28 Apr 2018 22:20

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.0





#43

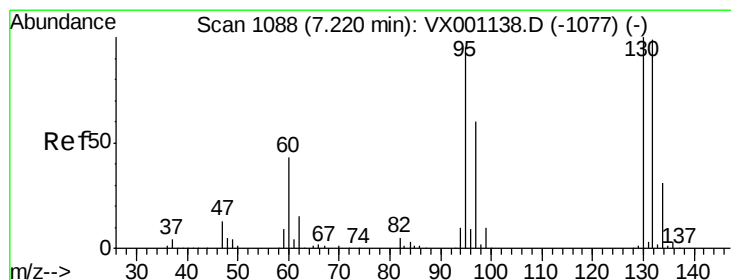
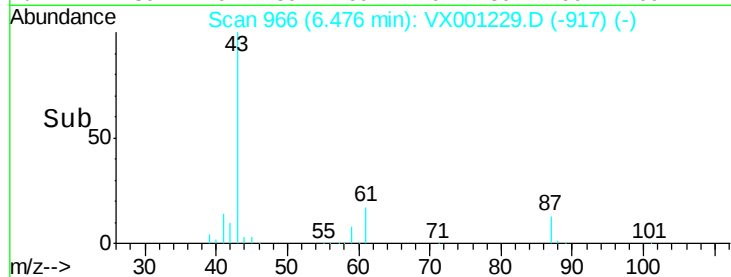
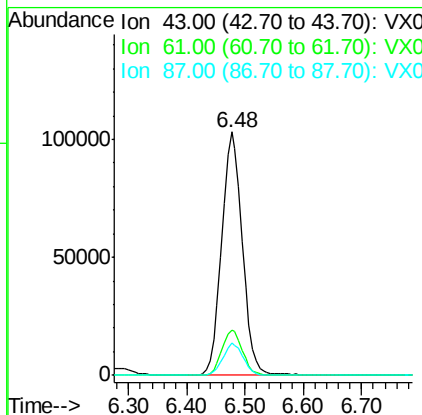
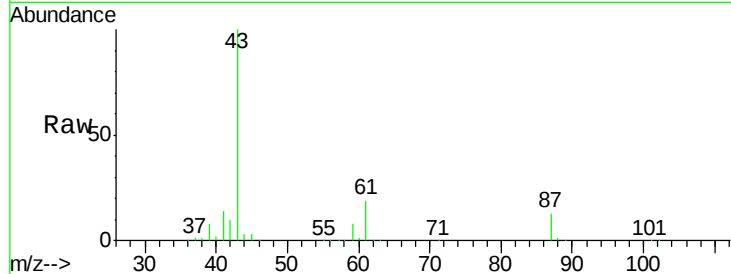
Isopropyl Acetate
 Concen: 47.06 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX001229.D
 Acq: 28 Apr 2018 22:20

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.6	15.0	22.6
87	13.0	10.3	15.5

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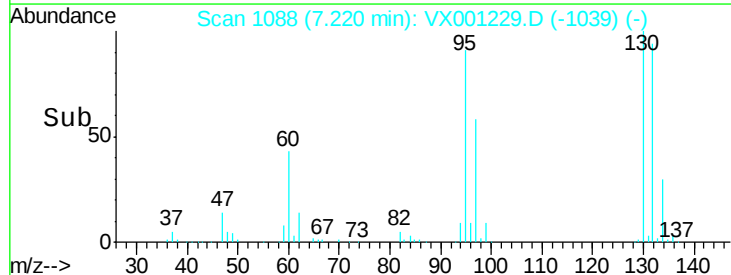
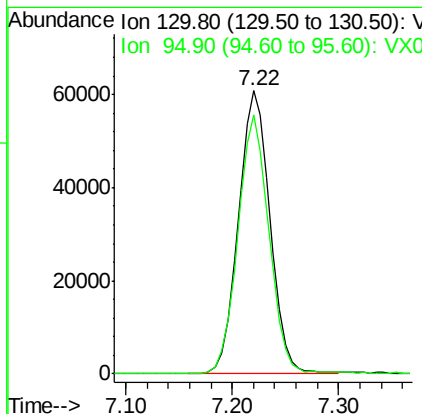
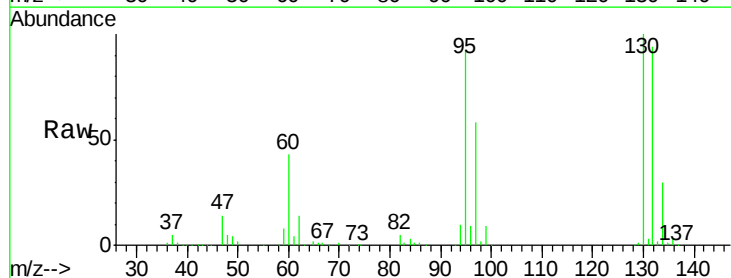
apatel
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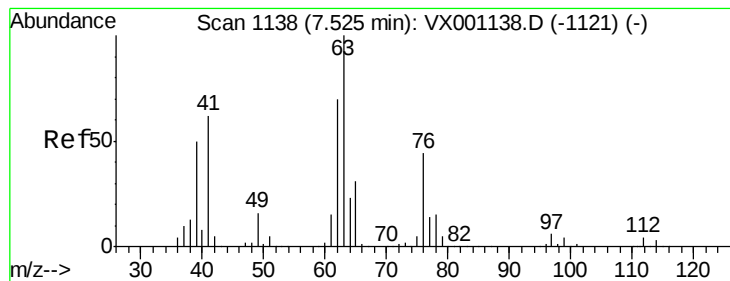


#44

Trichloroethene
 Concen: 51.40 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX001229.D
 Acq: 28 Apr 2018 22:20

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.5	0.0	189.6





#45

1,2-Dichloropropane

Concen: 50.28 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 109498

Ion Ratio Lower Upper

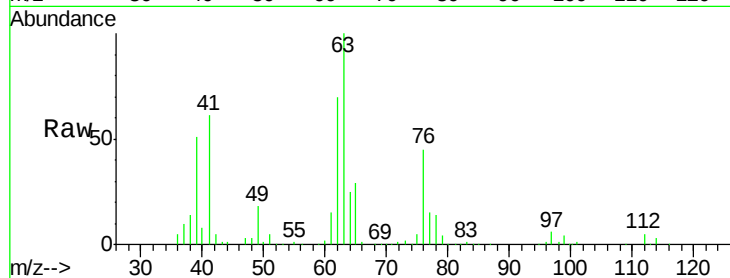
63 100

65 29.5 24.9 37.3

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

60000

50000

40000

30000

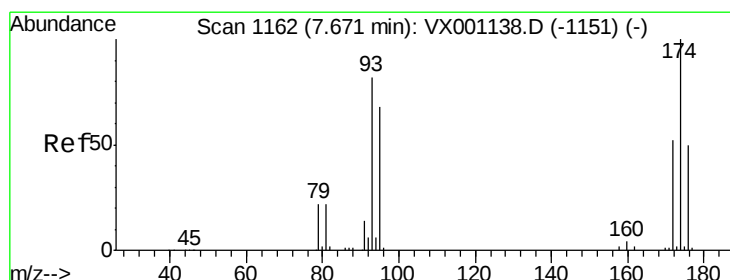
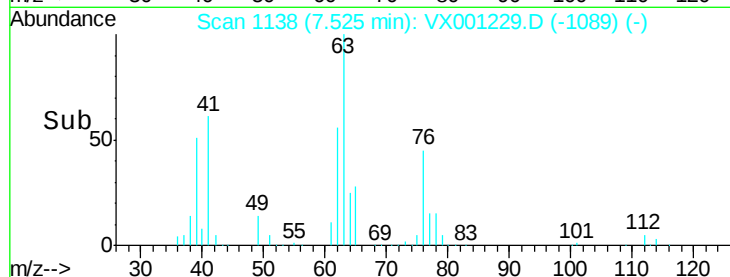
20000

10000

0

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 50.66 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

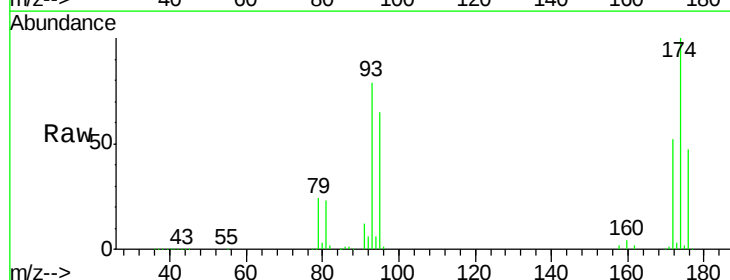
Tgt Ion: 93 Resp: 76400

Ion Ratio Lower Upper

93 100

95 83.1 66.4 99.6

174 128.2 99.6 149.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

60000

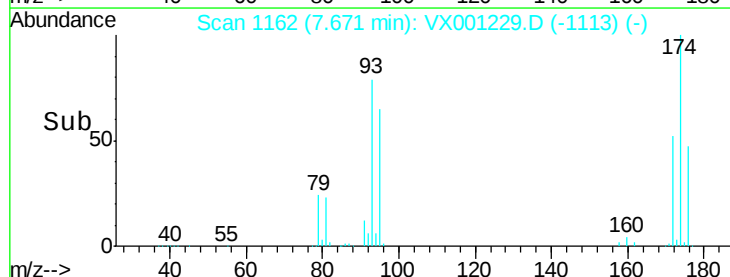
40000

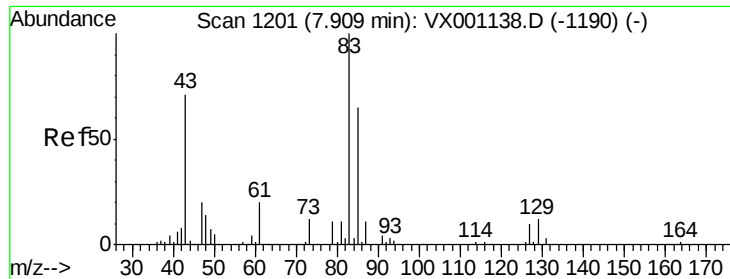
20000

0

7.60 7.70 7.80

Time-->





#47

Bromodichloromethane

Concen: 51.87 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Instrument :

MSVOA_X

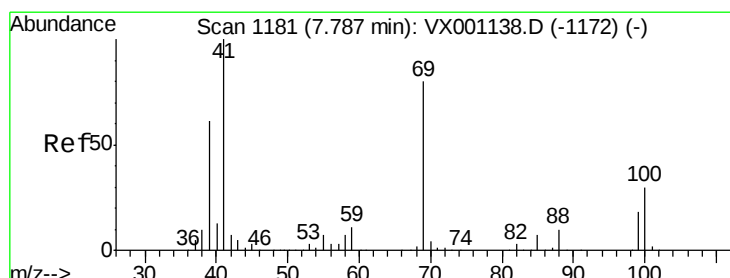
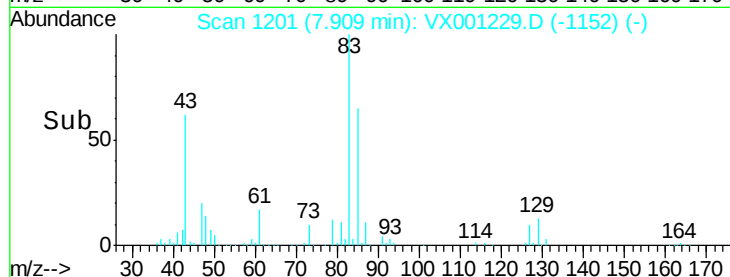
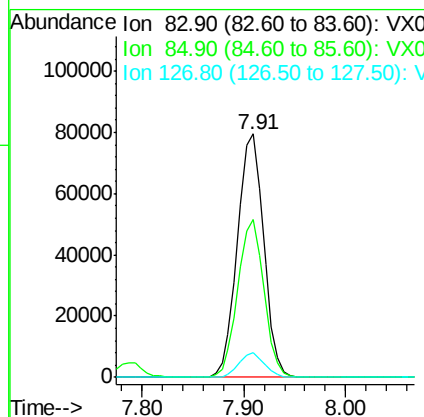
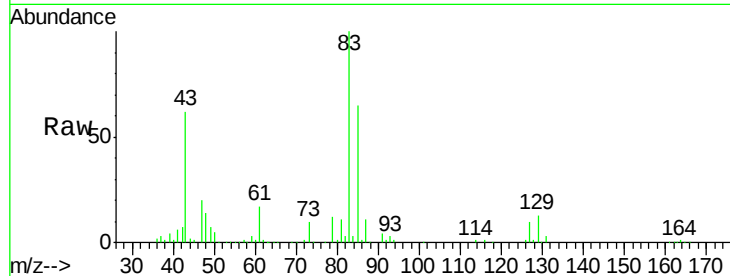
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	142112
Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.9	77.9
127	10.1	7.7	11.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 47.02 ug/l

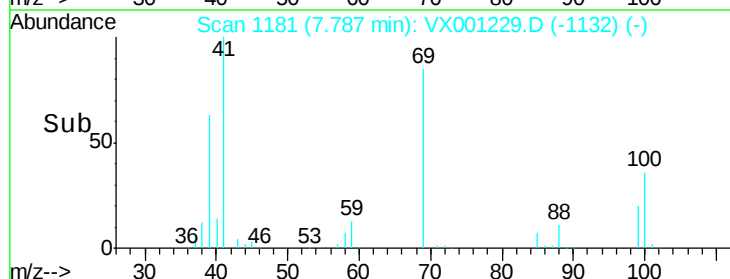
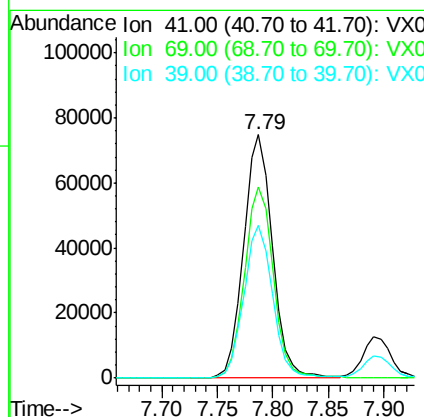
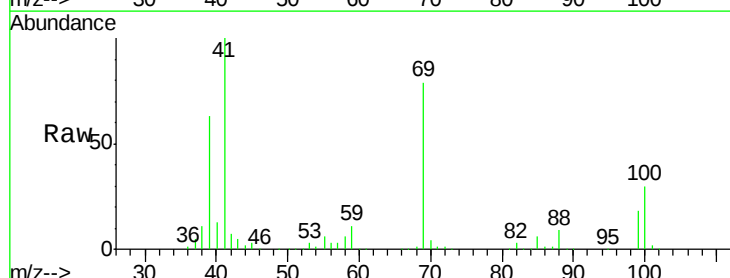
RT: 7.79 min Scan# 1181

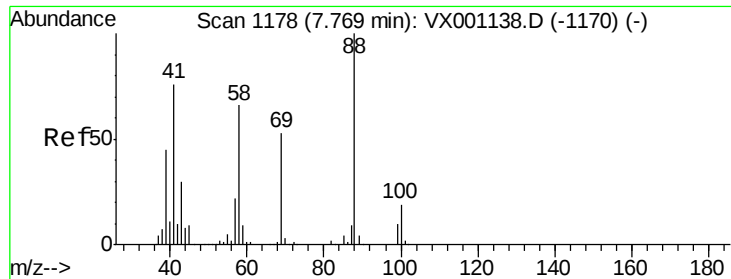
Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Tgt Ion:	41	Resp:	134527
Ion	Ratio	Lower	Upper
41	100		
69	79.1	62.4	93.6
39	62.5	48.7	73.1





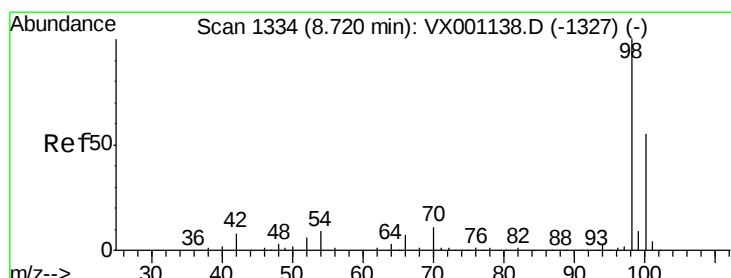
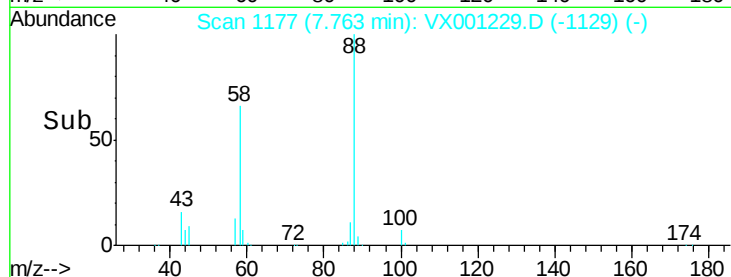
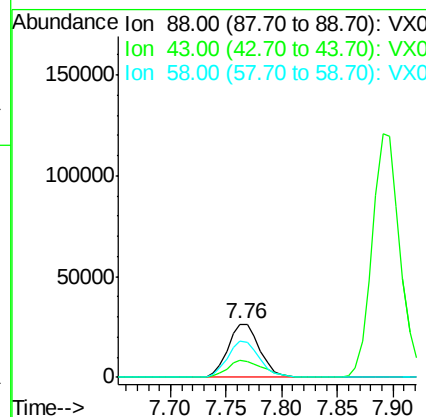
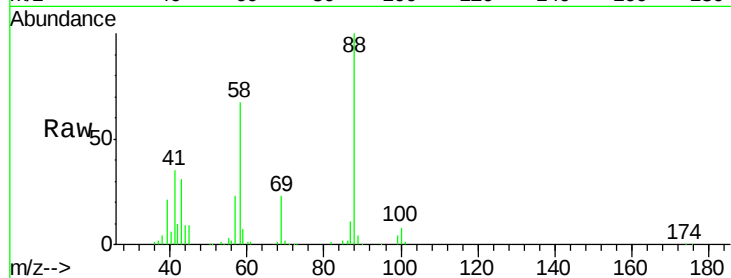
#49
1,4-Dioxane
Concen: 906.63 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX001229.D
Acq: 28 Apr 2018 22:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	51937
Ion	Ratio	Lower	Upper
88	100		
43	35.4	27.3	40.9
58	68.4	54.2	81.4

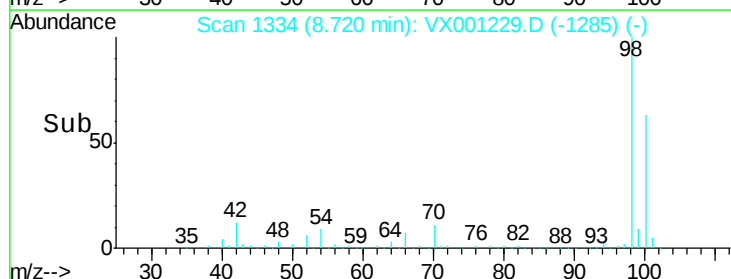
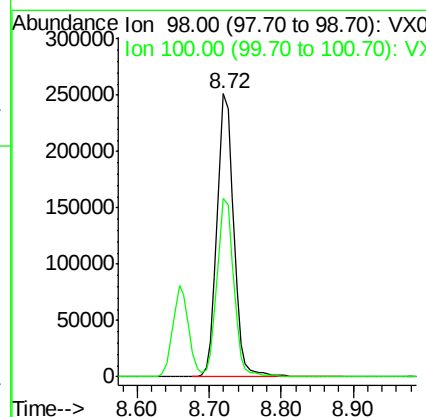
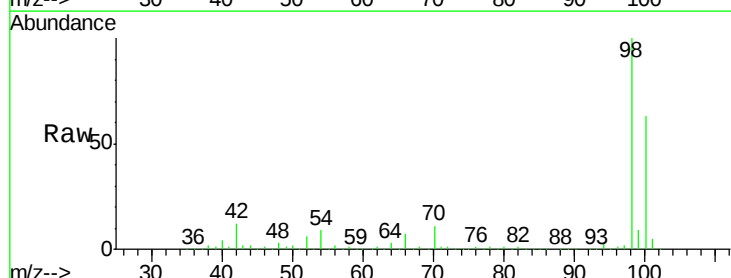
Manual Integrations
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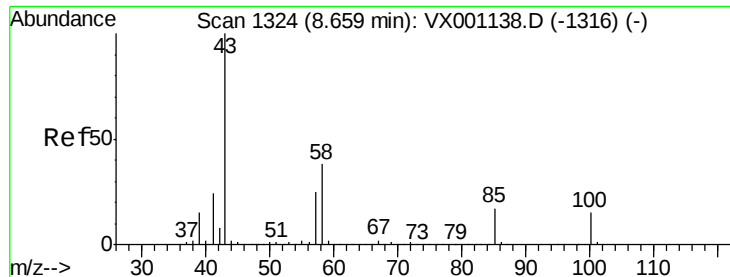
apatel
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#50
Toluene-d8
Concen: 49.91 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001229.D
Acq: 28 Apr 2018 22:20

Tgt Ion	98	Resp	404955
Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.8	77.6





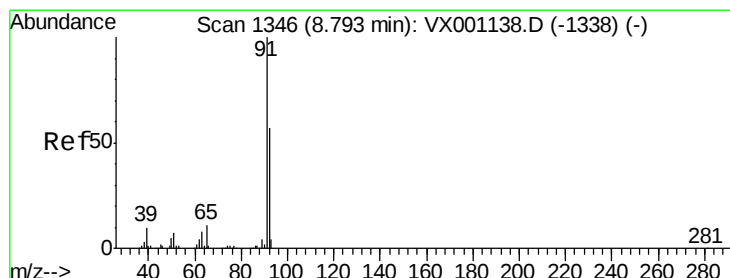
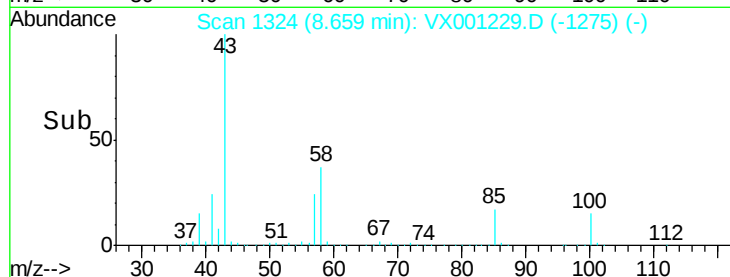
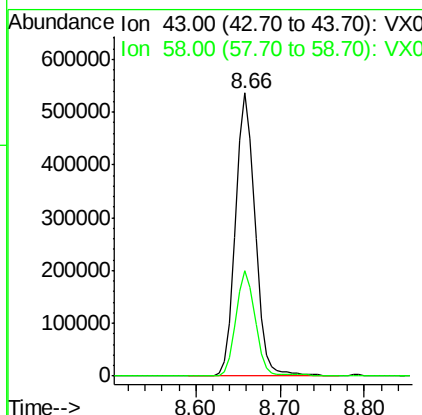
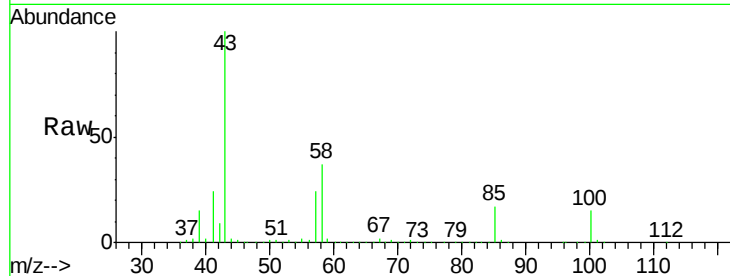
#51
4-Methyl-2-Pentanone
Concen: 239.43 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX001229.D
Acq: 28 Apr 2018 22:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	37.4	30.2	45.2

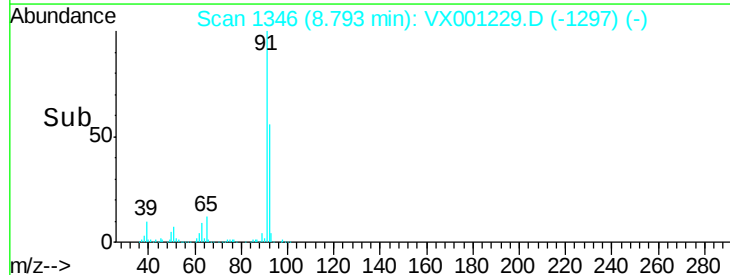
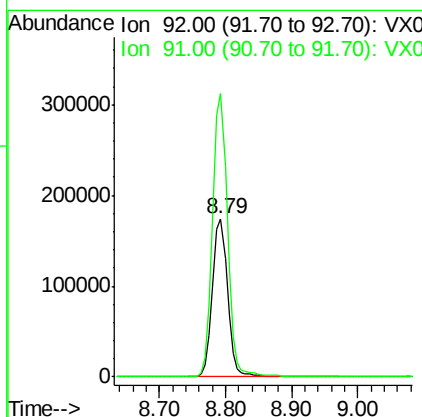
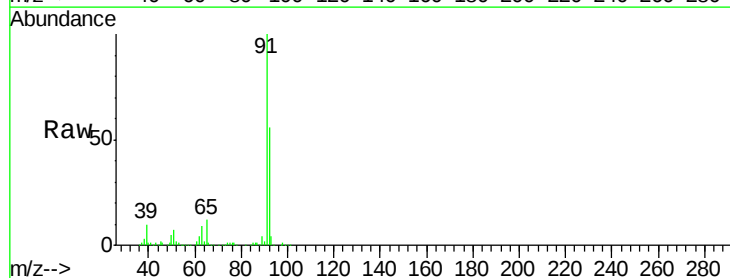
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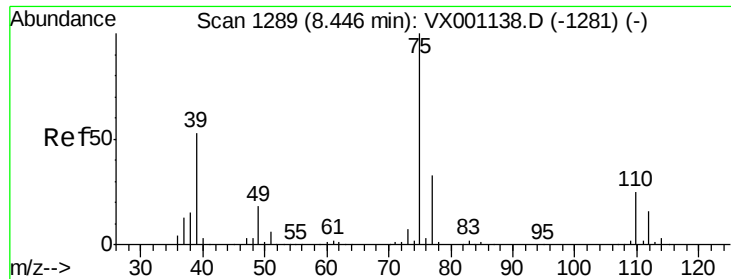
apatel
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#52
Toluene
Concen: 51.38 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VX001229.D
Acq: 28 Apr 2018 22:20

Tgt Ion	Ratio	Lower	Upper
92	100		
91	176.0	139.8	209.6





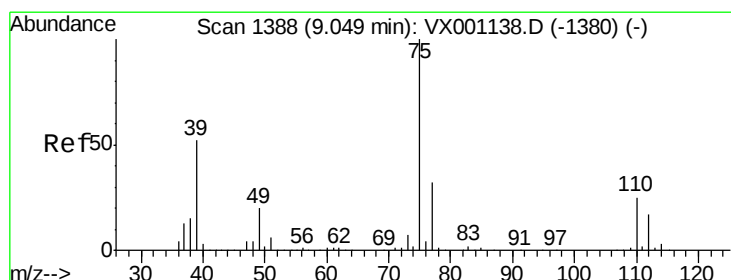
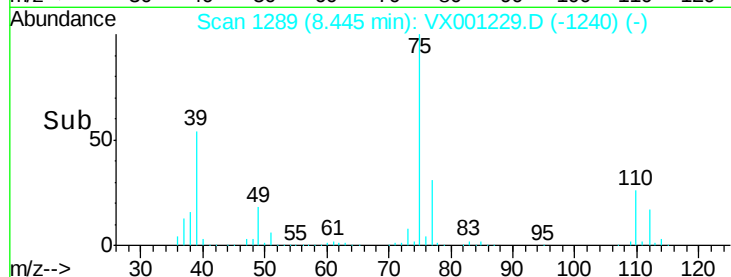
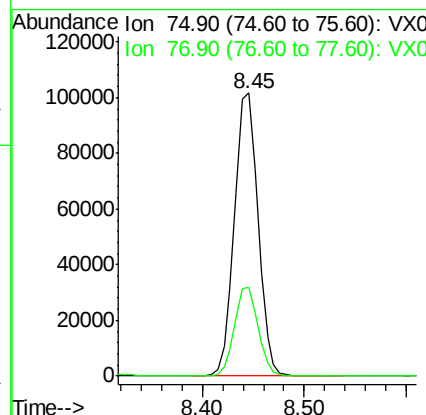
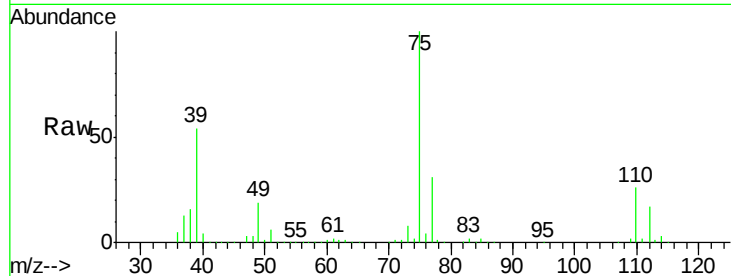
#53
t-1,3-Dichloropropene
Concen: 50.95 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VX001229.D
Acq: 28 Apr 2018 22:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 162296
Ion Ratio Lower Upper
75 100
77 31.3 26.2 39.4

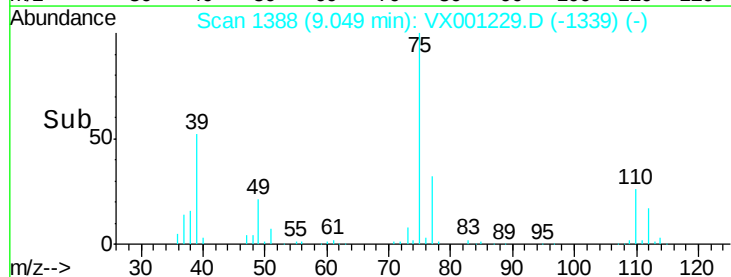
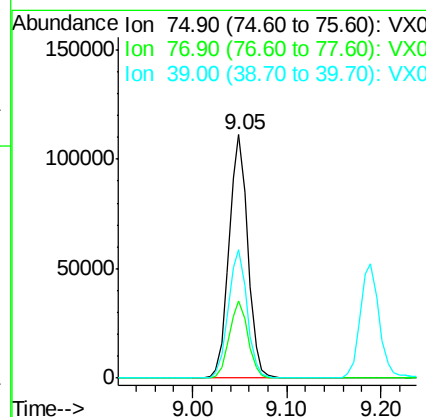
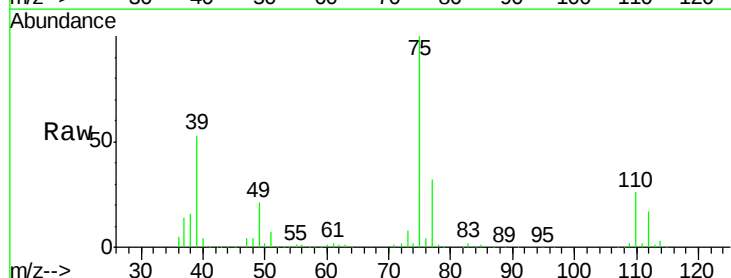
Manual Integrations
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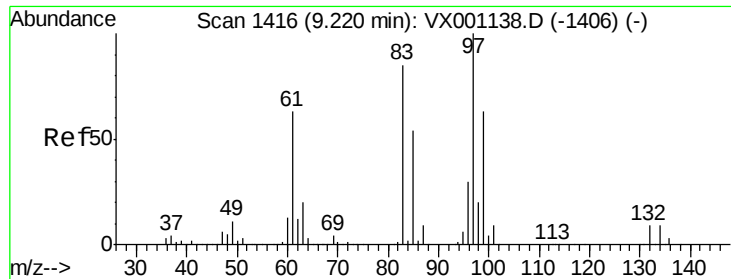
apatel
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#54
cis-1,3-Dichloropropene
Concen: 44.63 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX001229.D
Acq: 28 Apr 2018 22:20

Tgt Ion: 75 Resp: 153081
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.2
39 52.6 42.0 63.0





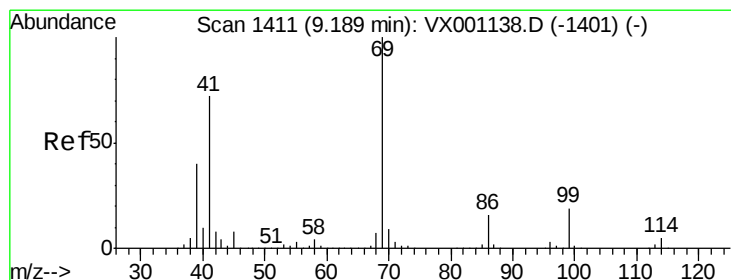
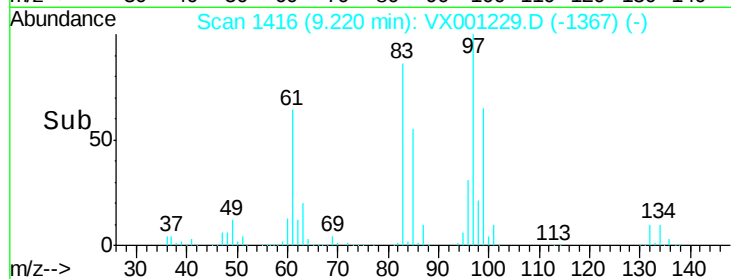
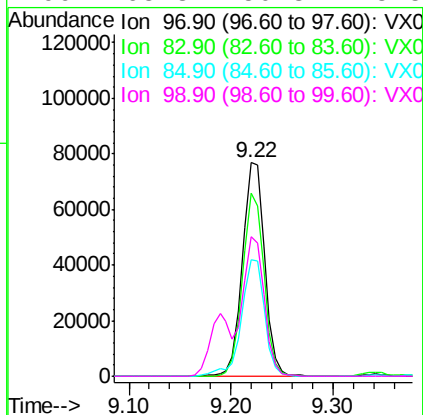
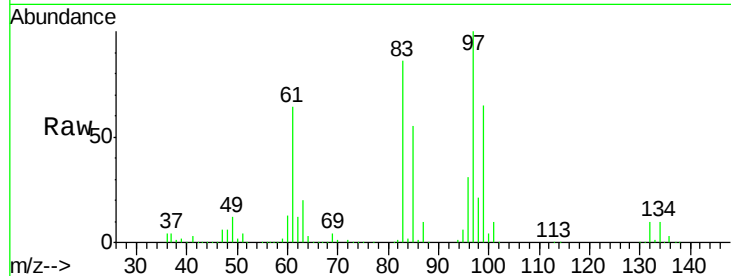
#55
 1,1,2-Trichloroethane
 Concen: 50.65 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001229.D
 Acq: 28 Apr 2018 22:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	97	Resp	116037
Ion Ratio	Lower	Upper	
97	100		
83	85.6	68.0	102.0
85	54.6	42.9	64.3
99	65.3	50.3	75.5

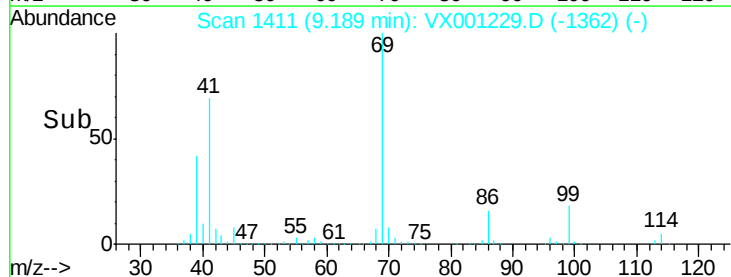
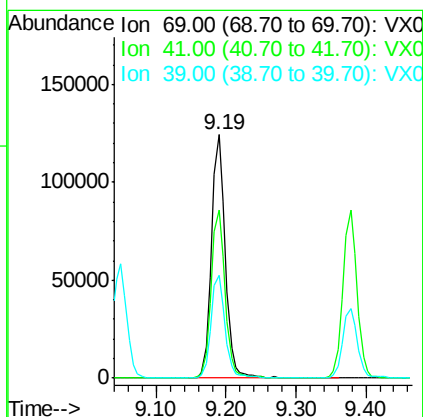
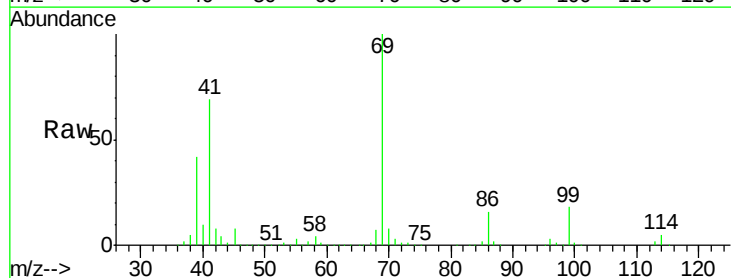
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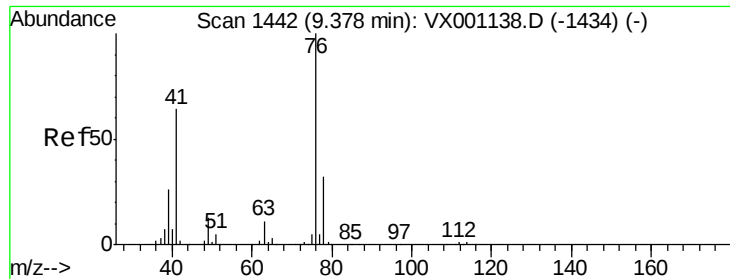
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#56
 Ethyl methacrylate
 Concen: 50.41 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001229.D
 Acq: 28 Apr 2018 22:20

Tgt Ion	69	Resp	171085
Ion Ratio	Lower	Upper	
69	100		
41	69.7	57.7	86.5
39	43.0	33.3	49.9





#57

1,3-Dichloropropane

Concen: 50.00 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 76 Resp: 185275

Ion Ratio Lower Upper

76 100

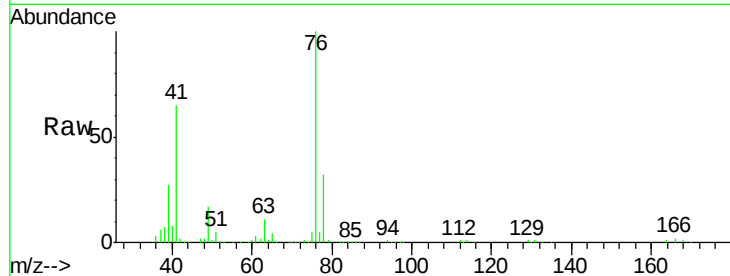
78 32.4 26.1 39.1

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

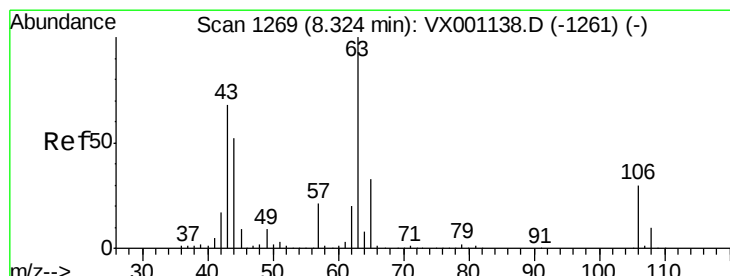
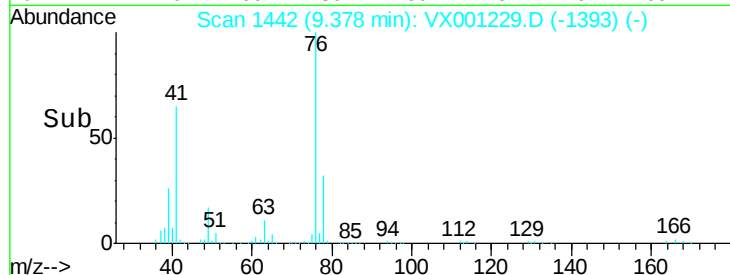
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 244.47 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX001229.D

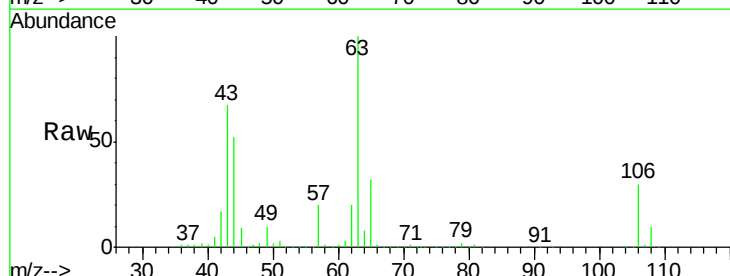
Acq: 28 Apr 2018 22:20

Tgt Ion: 63 Resp: 392256

Ion Ratio Lower Upper

63 100

106 29.3 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

250000

200000

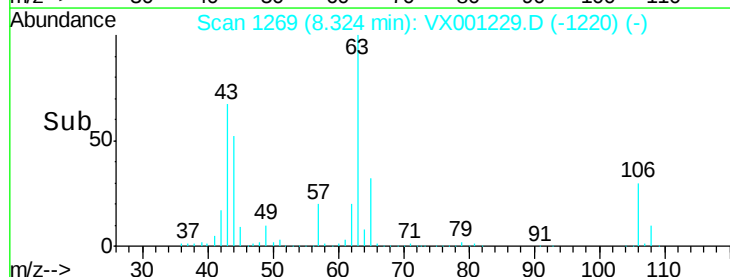
150000

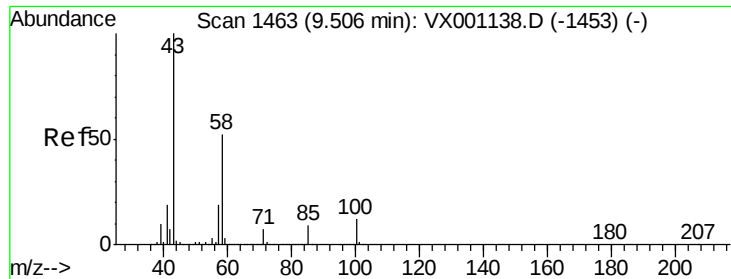
100000

50000

0

Time-->





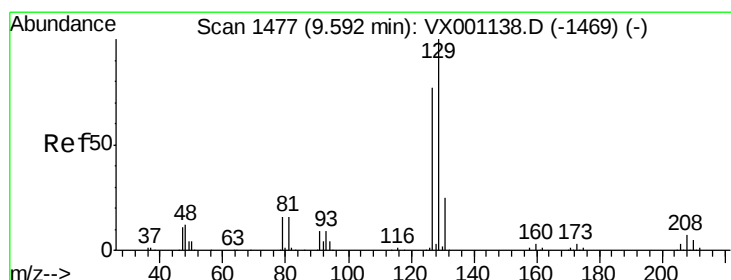
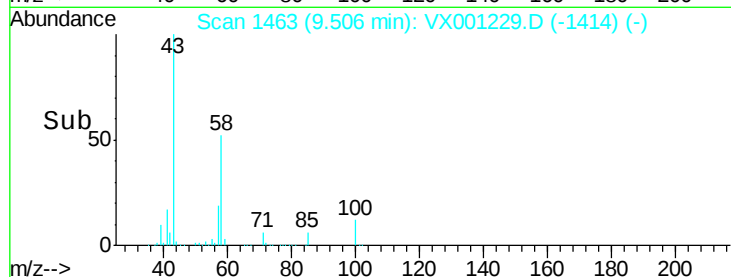
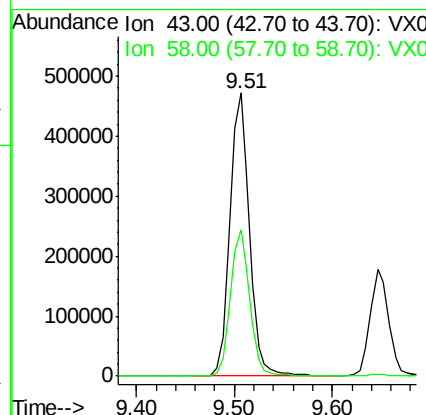
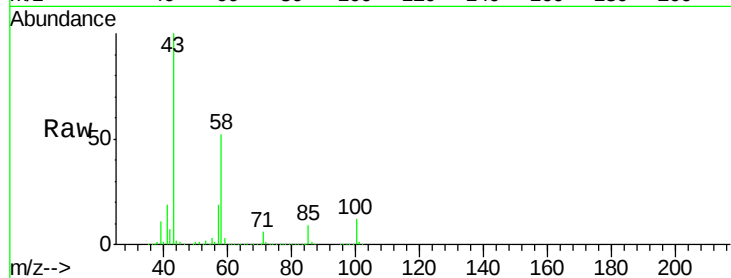
#59
2-Hexanone
Concen: 234.56 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX001229.D
Acq: 28 Apr 2018 22:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 649840
Ion Ratio Lower Upper
43 100
58 51.4 25.8 77.4

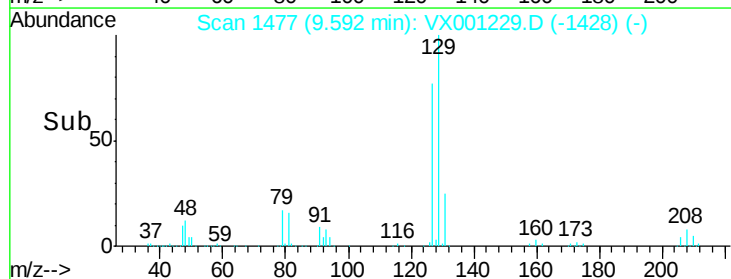
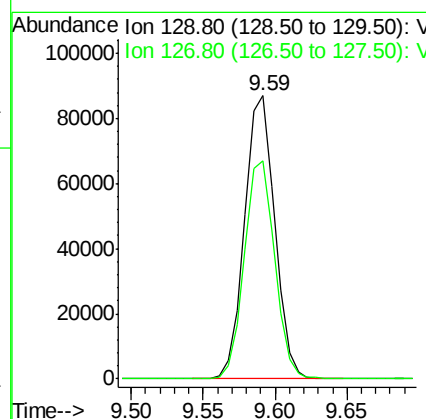
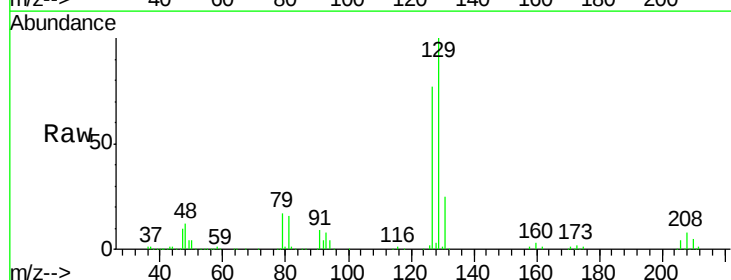
Manual Integrations
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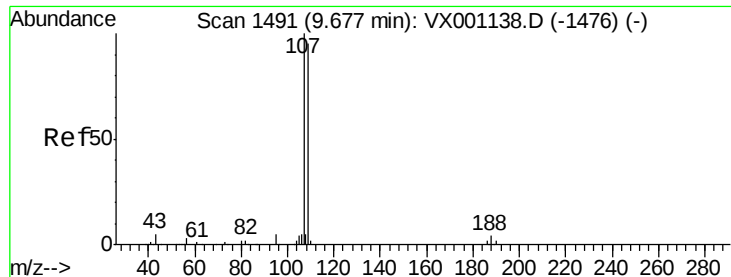
apatel
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#60
Dibromochloromethane
Concen: 47.35 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001229.D
Acq: 28 Apr 2018 22:20

Tgt Ion: 129 Resp: 126194
Ion Ratio Lower Upper
129 100
127 77.7 38.4 115.2





#61

1,2-Dibromoethane

Concen: 51.39 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 123330

Ion Ratio Lower Upper

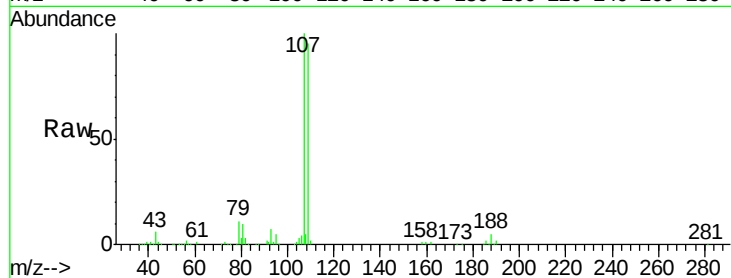
107 100

109 94.9 75.2 112.8

Manual Integrations
APPROVED

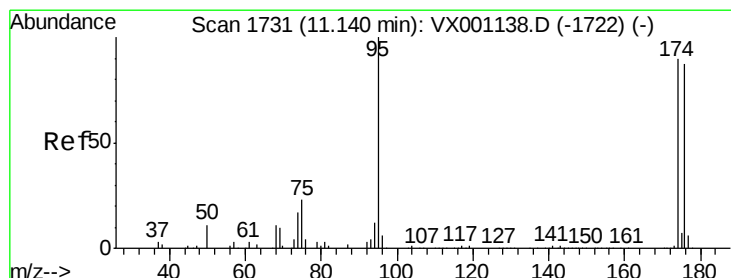
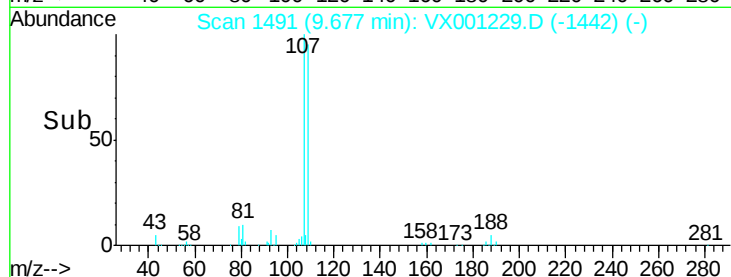
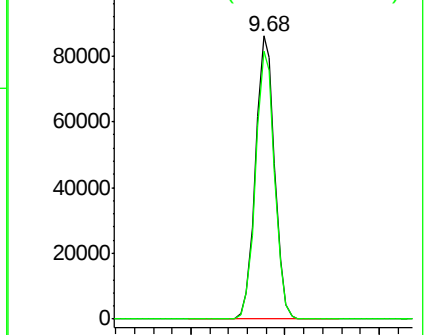
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.45 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

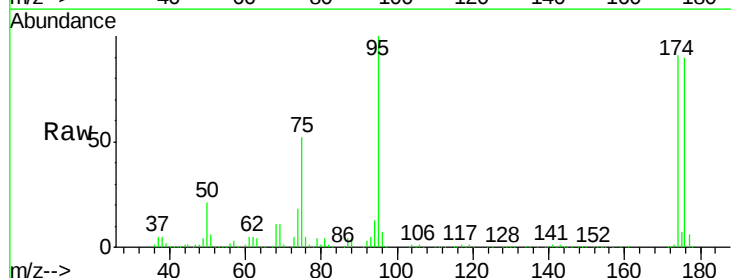
Tgt Ion: 95 Resp: 156738

Ion Ratio Lower Upper

95 100

174 100.4 0.0 194.4

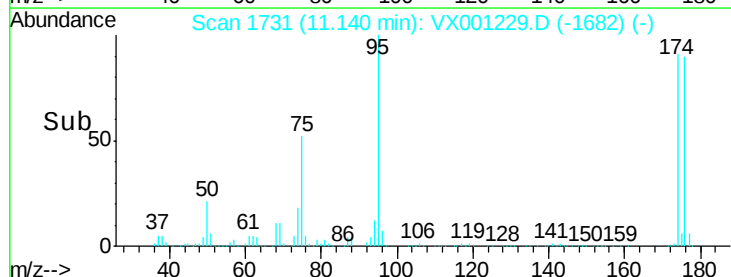
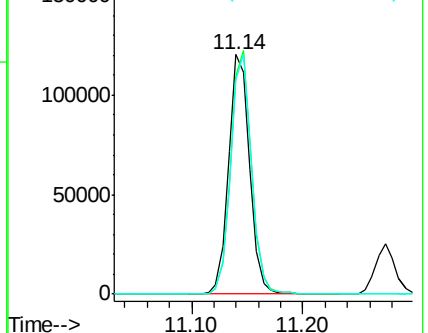
176 98.9 0.0 190.2

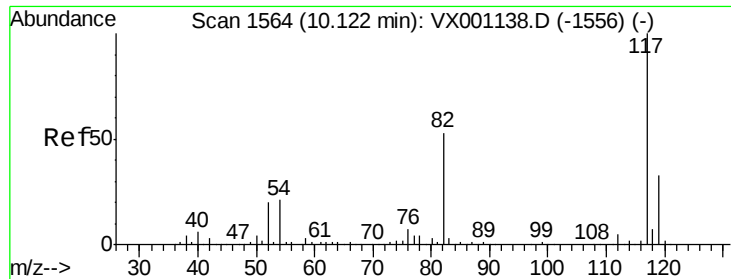


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





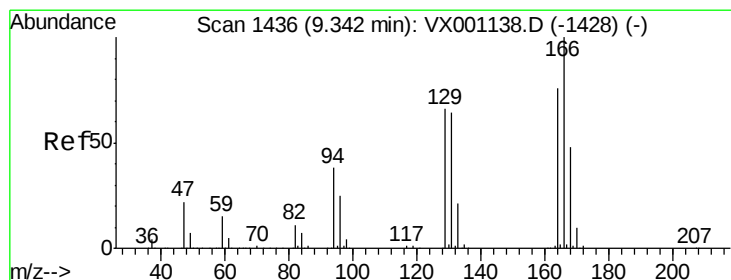
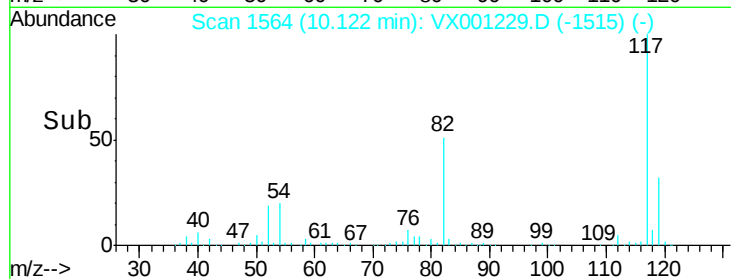
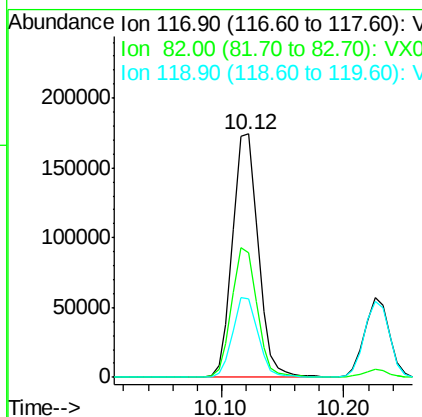
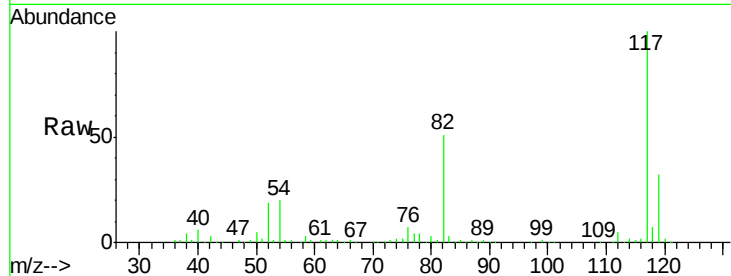
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001229.D
Acq: 28 Apr 2018 22:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	253012		
82	51.3	42.1	63.1	
119	32.5	26.1	39.1	

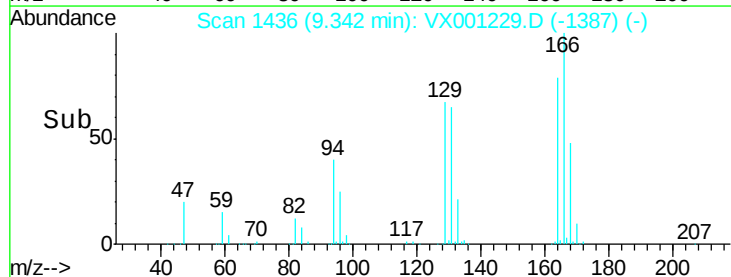
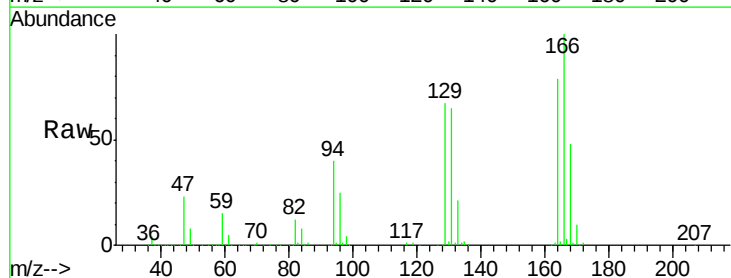
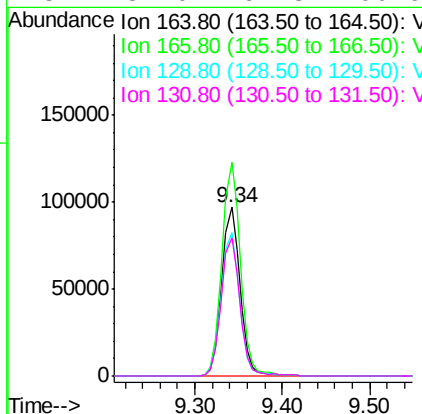
Manual Integrations
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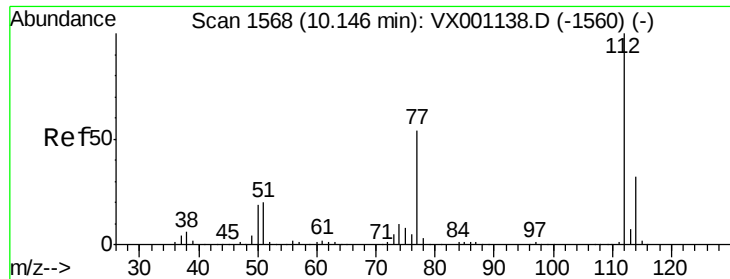
apatel
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#64
Tetrachloroethene
Concen: 52.30 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001229.D
Acq: 28 Apr 2018 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	141240		
166	126.7	105.0	157.6	
129	84.8	69.4	104.2	
131	82.0	67.3	100.9	





#65

Chlorobenzene

Concen: 50.58 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:112 Resp: 335278

Ion Ratio Lower Upper

112 100

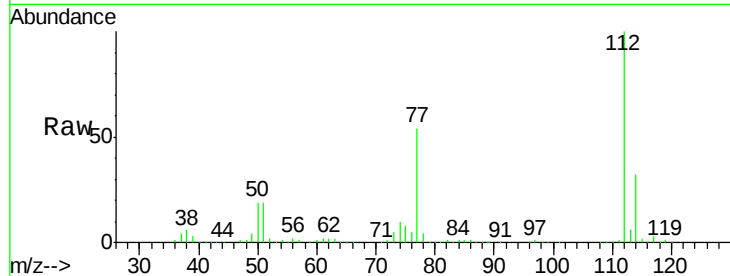
114 32.1 25.7 38.5

Manual Integrations

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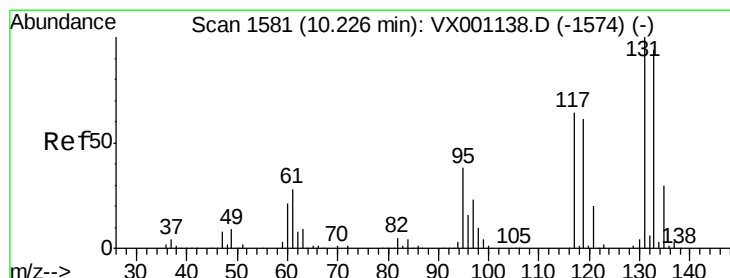
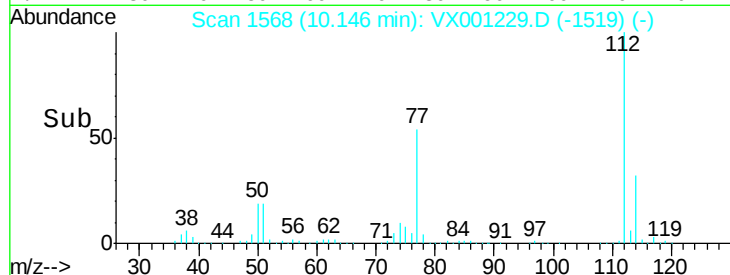
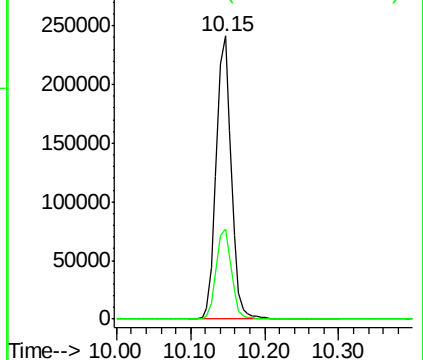
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 53.22 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

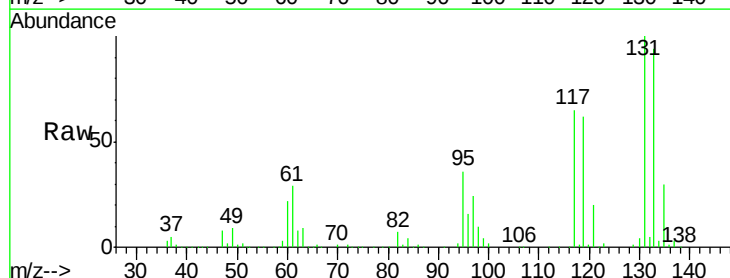
Tgt Ion:131 Resp: 122065

Ion Ratio Lower Upper

131 100

133 95.5 47.8 143.4

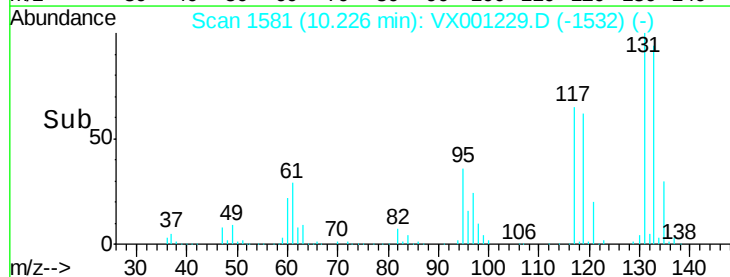
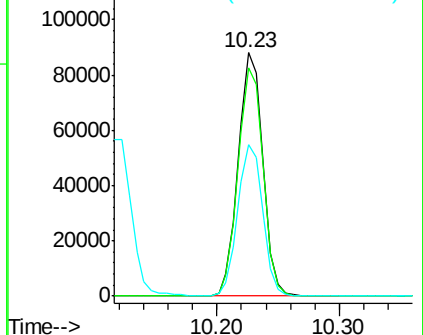
119 63.3 31.3 93.8

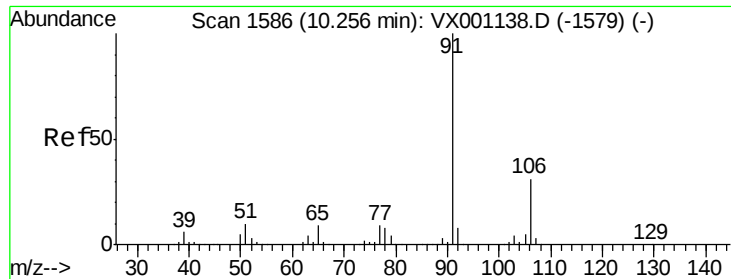


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 51.10 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 550313

Ion Ratio Lower Upper

91 100

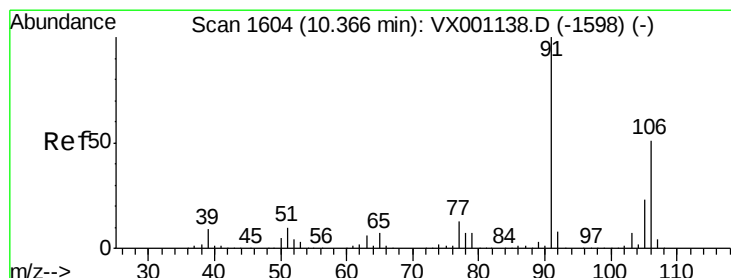
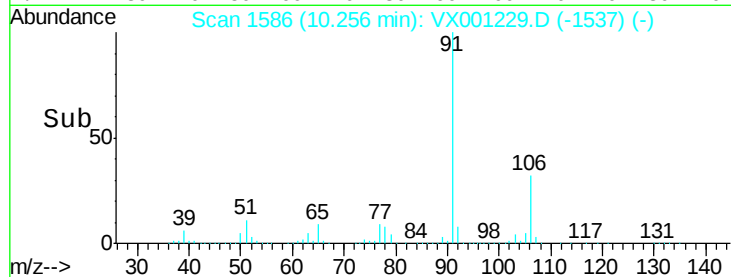
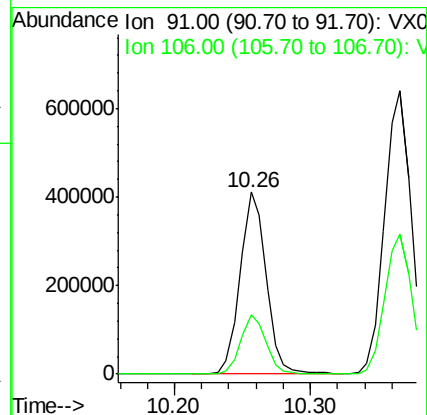
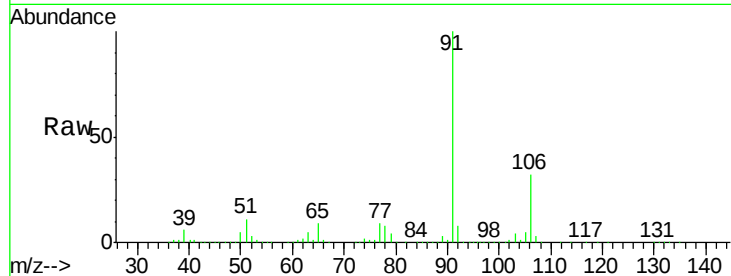
106 32.3 24.8 37.2

Manual Integrations

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#68

m/p-Xylenes

Concen: 103.62 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX001229.D

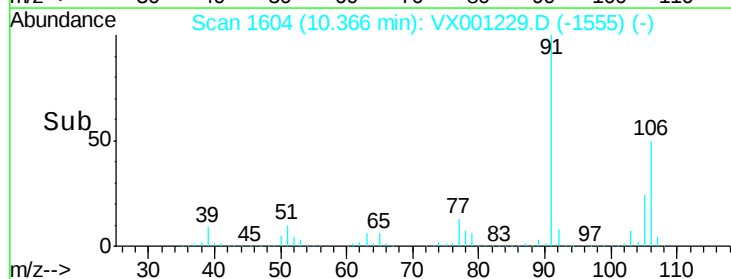
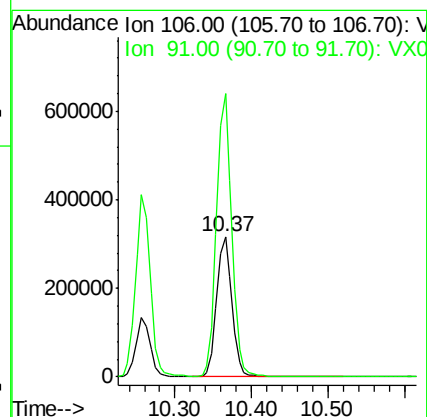
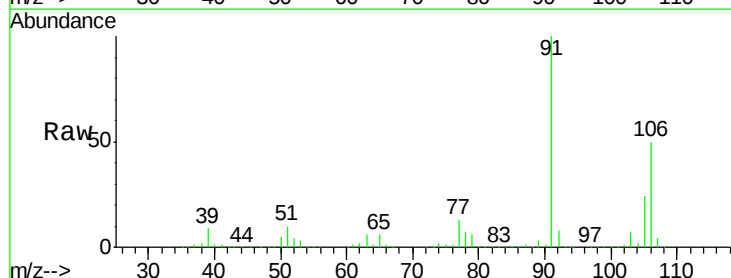
Acq: 28 Apr 2018 22:20

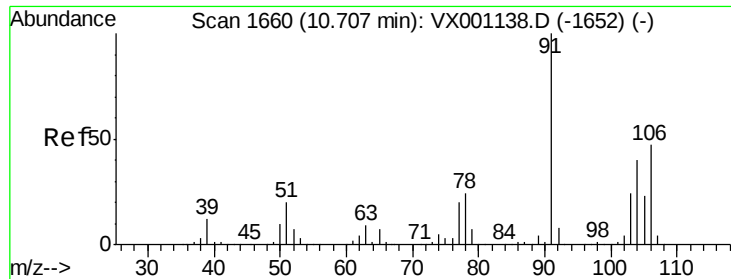
Tgt Ion: 106 Resp: 441191

Ion Ratio Lower Upper

106 100

91 202.1 160.9 241.3





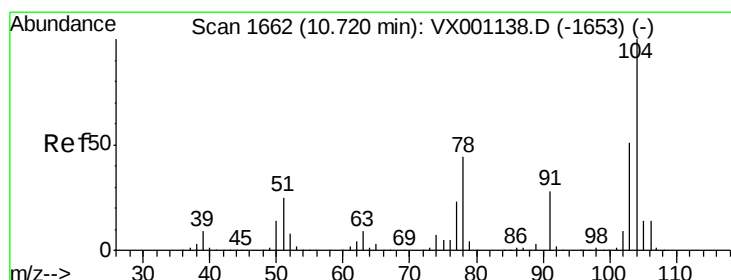
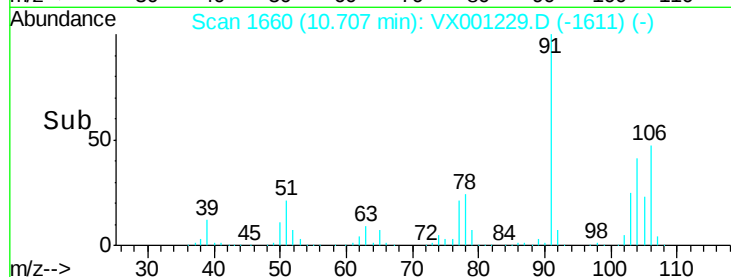
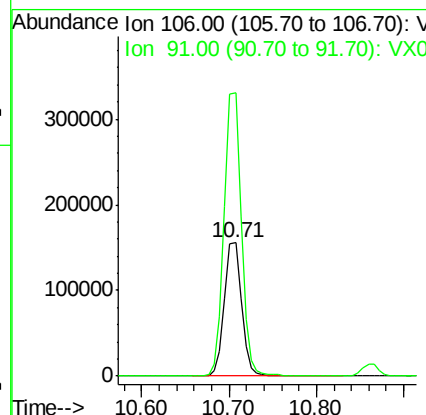
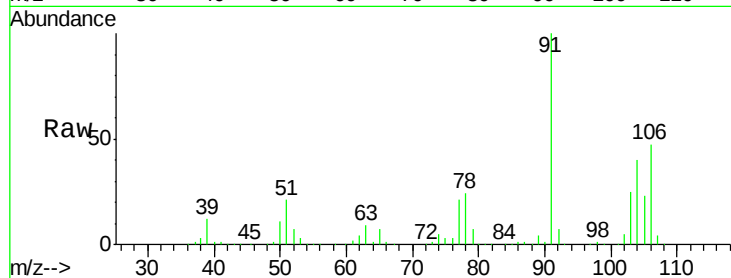
#69
o-Xylene
Concen: 51.52 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001229.D
Acq: 28 Apr 2018 22:20

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion:106 Resp: 212787
Ion Ratio Lower Upper
106 100
91 212.3 106.2 318.5

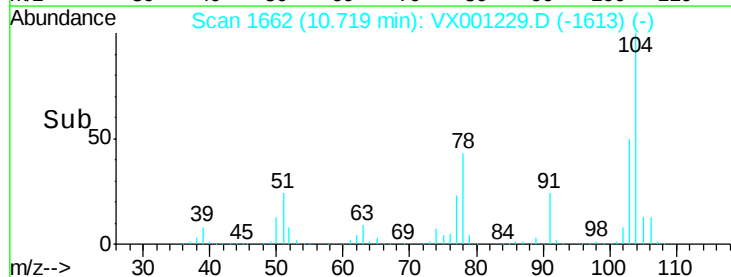
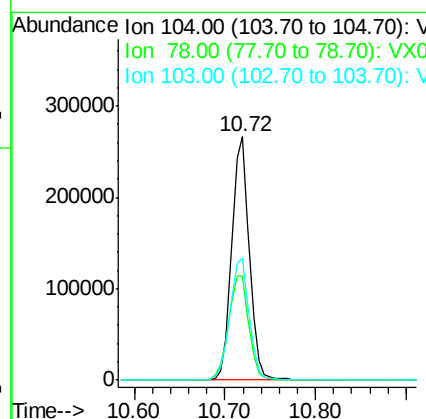
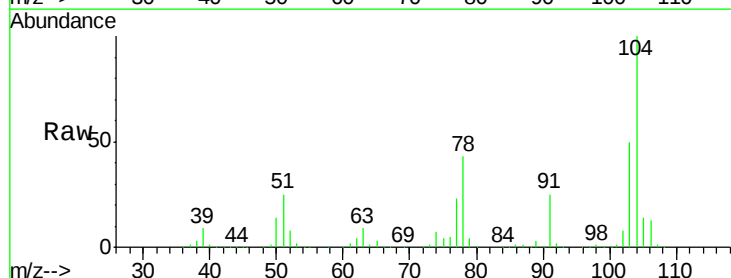
Manual Integrations
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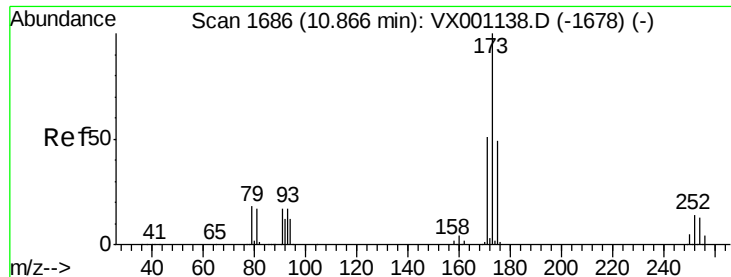
apatel
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#70
Styrene
Concen: 52.27 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001229.D
Acq: 28 Apr 2018 22:20

Tgt Ion:104 Resp: 359260
Ion Ratio Lower Upper
104 100
78 49.7 40.3 60.5
103 55.4 44.3 66.5





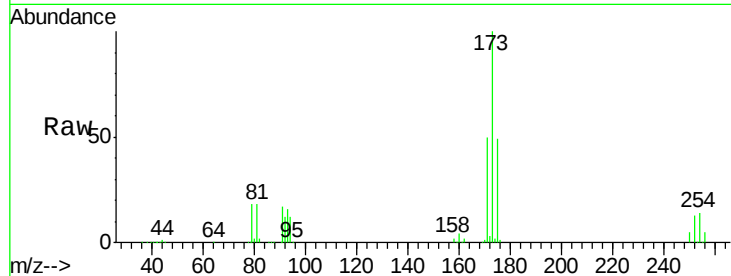
#71
Bromoform
Concen: 43.19 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX001229.D
Acq: 28 Apr 2018 22:20

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

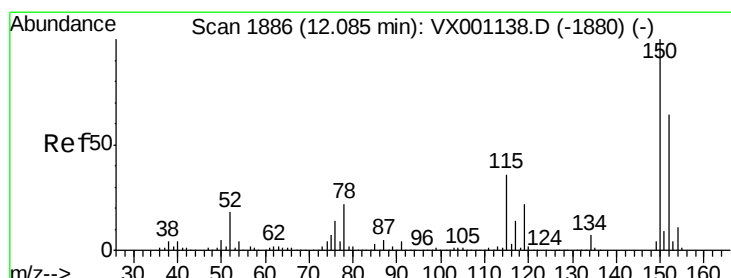
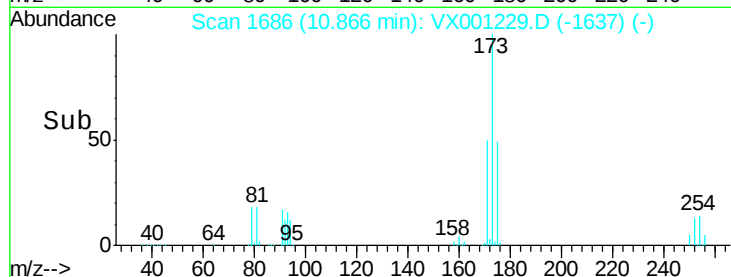
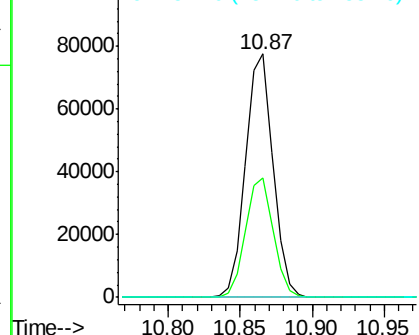
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.6	73.8
254	0.2	0.2	0.2

Manual Integrations
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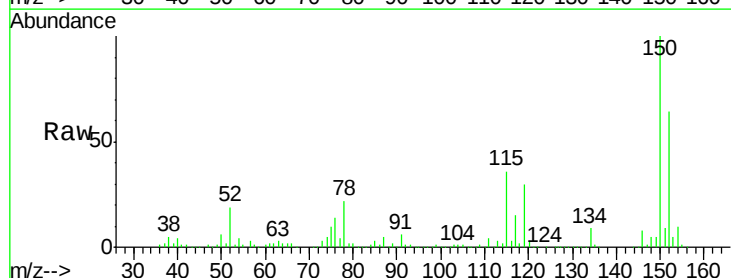


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

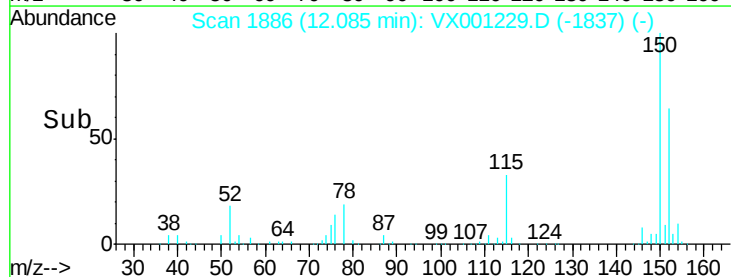
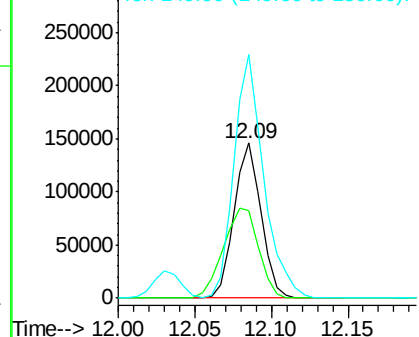


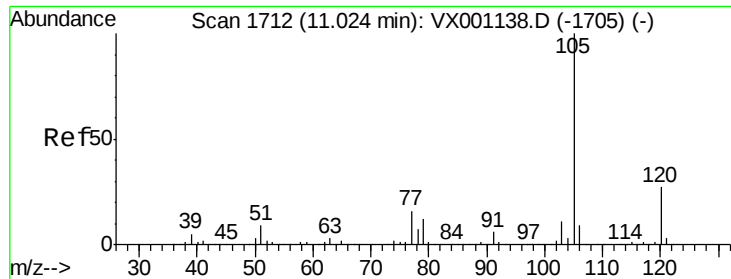
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001229.D
Acq: 28 Apr 2018 22:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.6	38.0	114.0
150	174.4	0.0	349.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





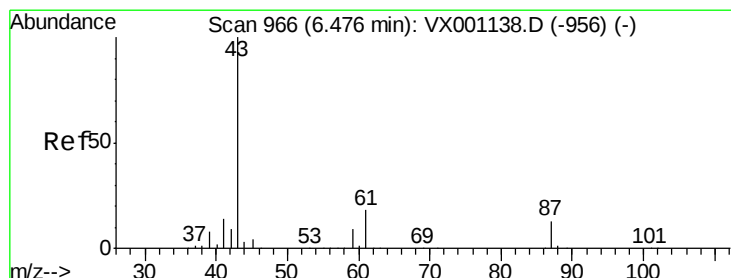
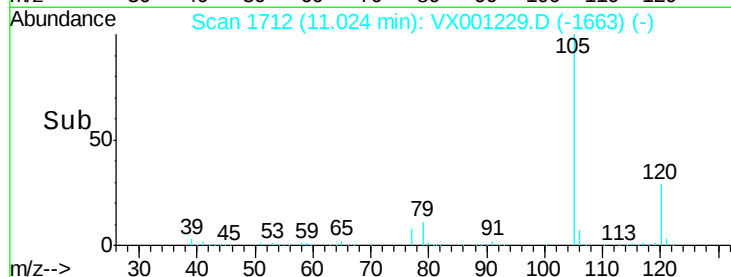
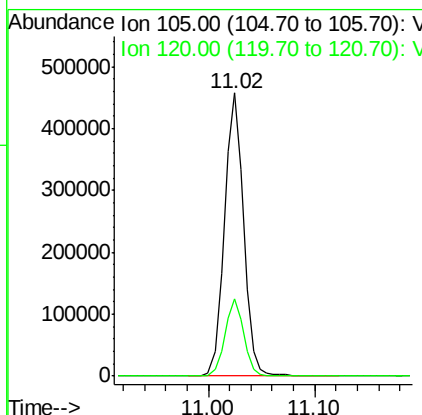
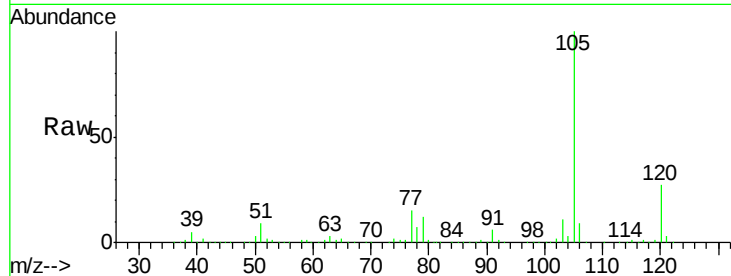
#73
Isopropylbenzene
Concen: 49.91 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX001229.D
Acq: 28 Apr 2018 22:20

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion:105 Resp: 577650
Ion Ratio Lower Upper
105 100
120 26.9 13.6 40.8

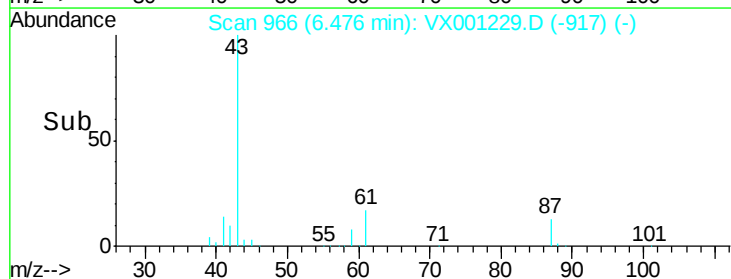
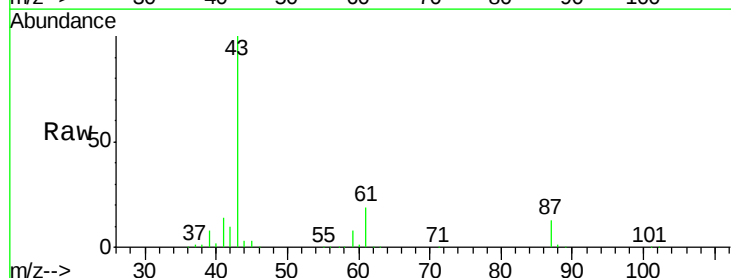
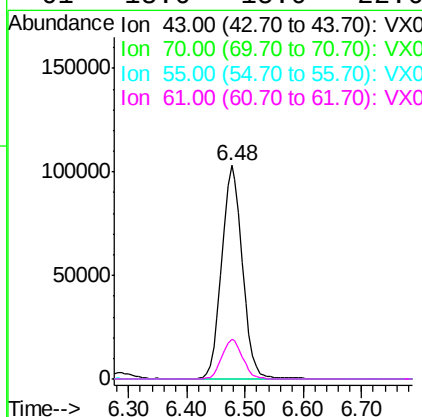
Manual Integrations
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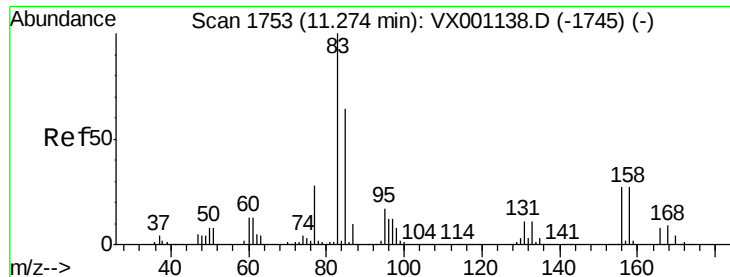
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#74
N-ethyl acetate
Concen: 43.43 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.00 min
Lab File: VX001229.D
Acq: 28 Apr 2018 22:20

Tgt Ion: 43 Resp: 253299
Ion Ratio Lower Upper
43 100
70 0.0 0.0 0.0
55 0.0 0.0 0.0#
61 18.6 15.0 22.6





#75

1,1,2,2-Tetrachloroethane

Concen: 46.24 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Instrument :

MSVOA_X

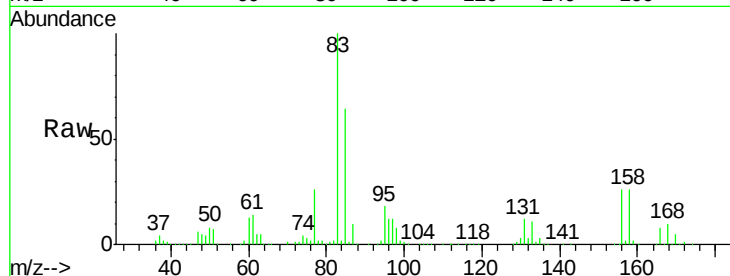
ClientSampleId :

VSTDCCC050

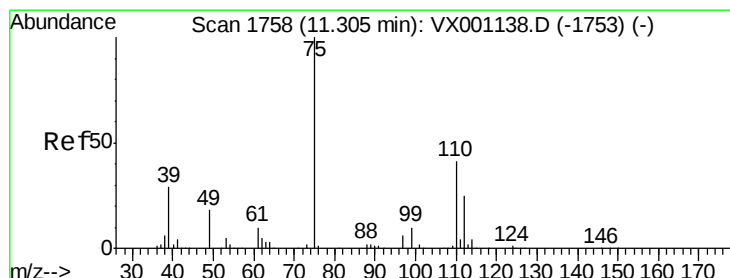
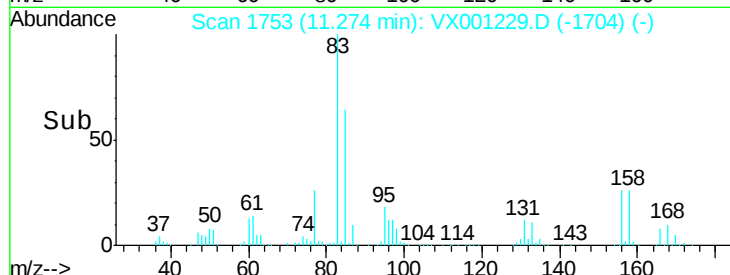
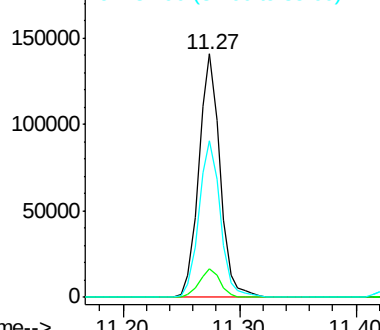
Tot Ion:	83	Resp:	177549
Ion	Ratio	Lower	Upper
83	100		
131	11.6	5.8	17.4
85	65.3	32.1	96.3

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Abundance Ion 82.90 (82.60 to 83.60): VX001138.D (-1745) (-)



#76

1,2,3-Trichloropropane

Concen: 45.38 ug/l m

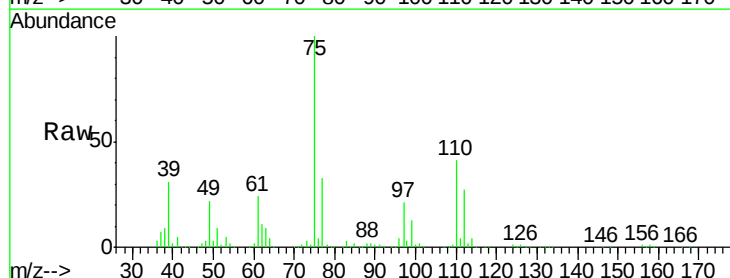
RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

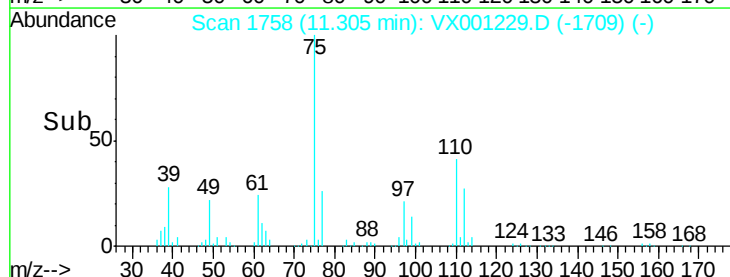
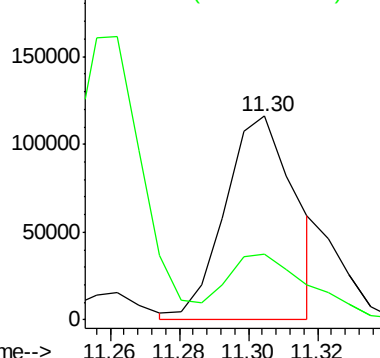
Lab File: VX001229.D

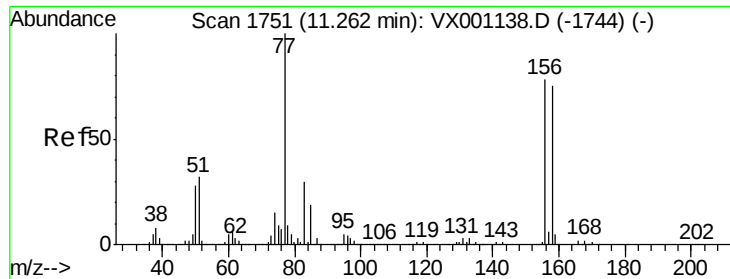
Acq: 28 Apr 2018 22:20

Tgt Ion:	75	Resp:	164084
Ion	Ratio	Lower	Upper
75	100		
77	37.7	18.9	56.9



Abundance Ion 74.90 (74.60 to 75.60): VX001138.D (-1753) (-)





#77

Bromobenzene

Concen: 49.12 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 168598

Ion Ratio Lower Upper

156 100

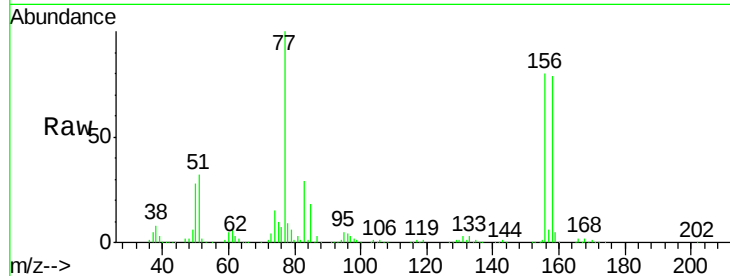
77 131.4 67.8 203.2

158 96.8 48.9 146.7

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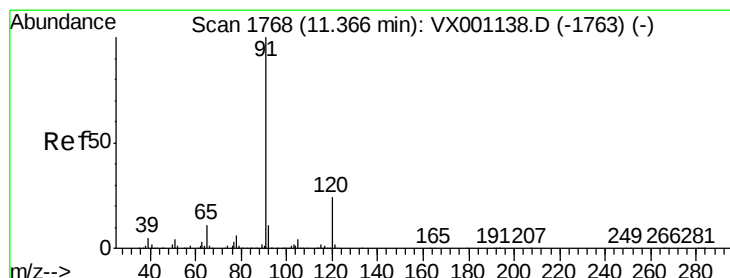
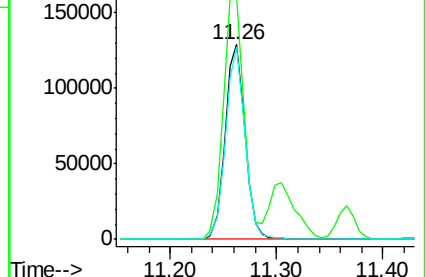
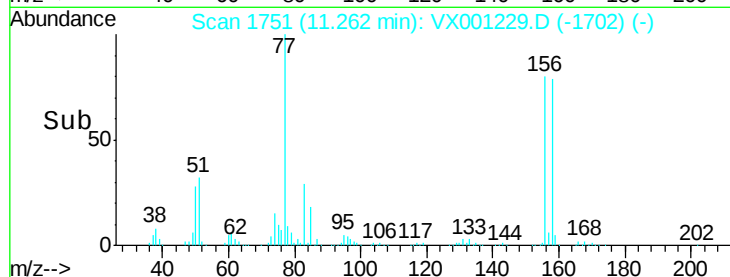
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.65 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001229.D

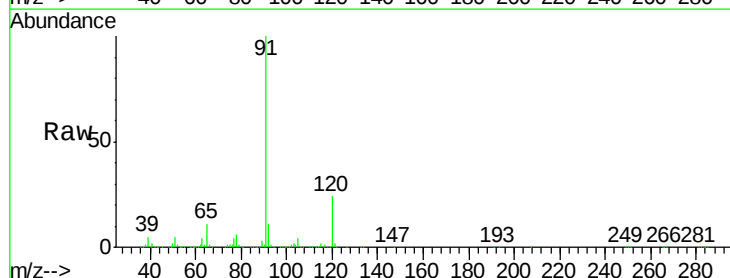
Acq: 28 Apr 2018 22:20

Tgt Ion: 91 Resp: 653727

Ion Ratio Lower Upper

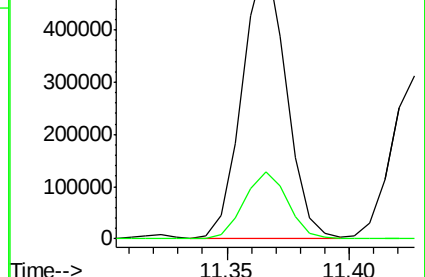
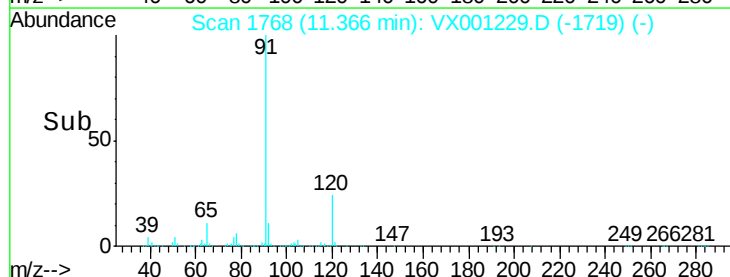
91 100

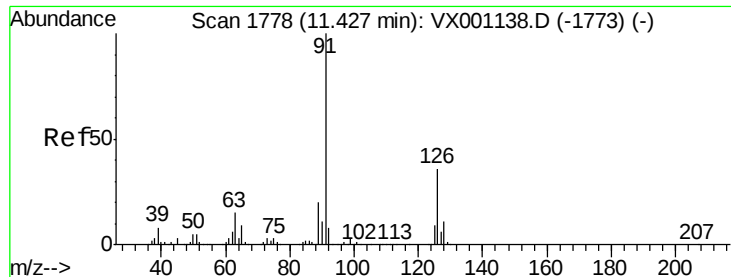
120 24.4 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.25 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 393969

Ion Ratio Lower Upper

91 100

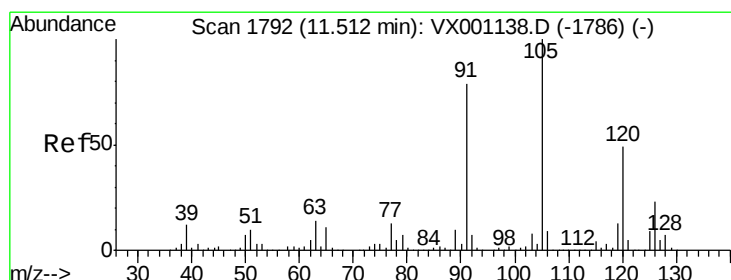
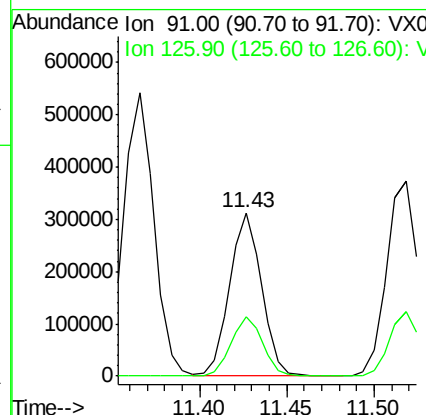
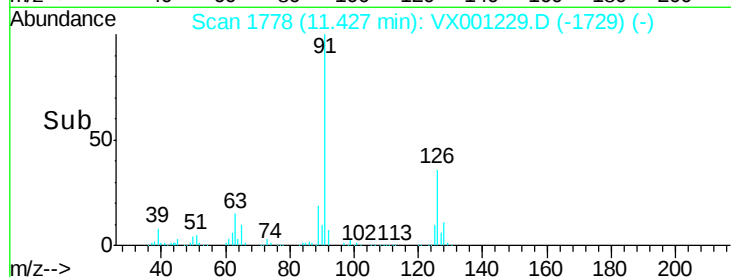
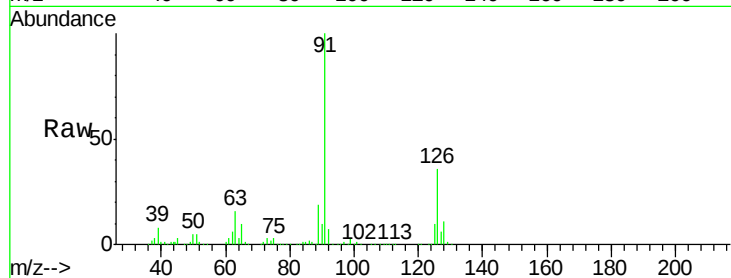
126 36.4 18.2 54.6

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#80

1,3,5-Trimethylbenzene

Concen: 50.68 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001229.D

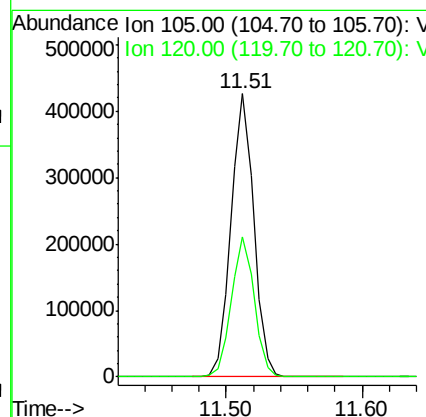
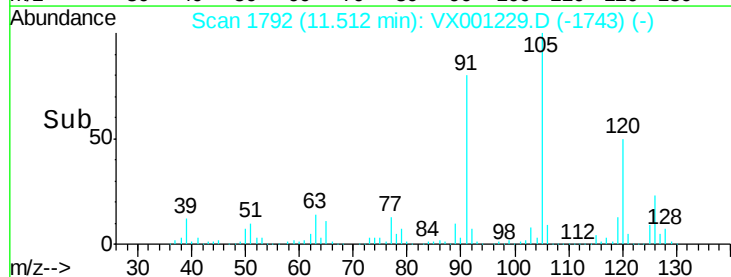
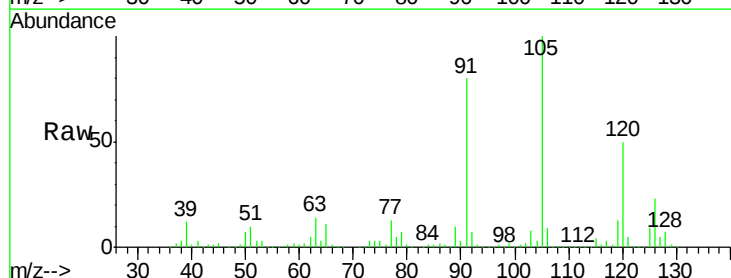
Acq: 28 Apr 2018 22:20

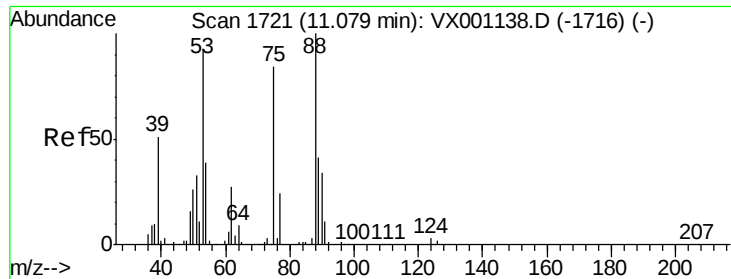
Tgt Ion: 105 Resp: 496626

Ion Ratio Lower Upper

105 100

120 49.7 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 36.80 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Instrument :

MSVOA_X

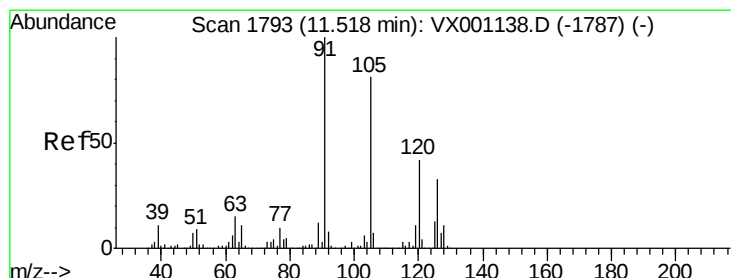
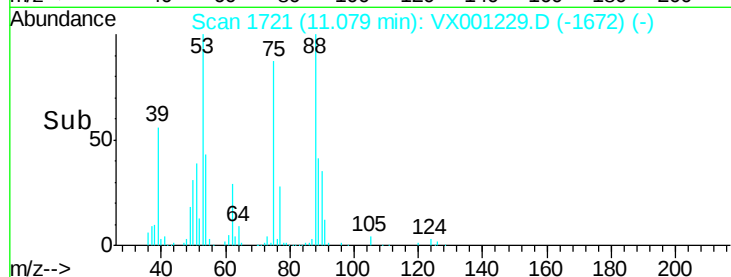
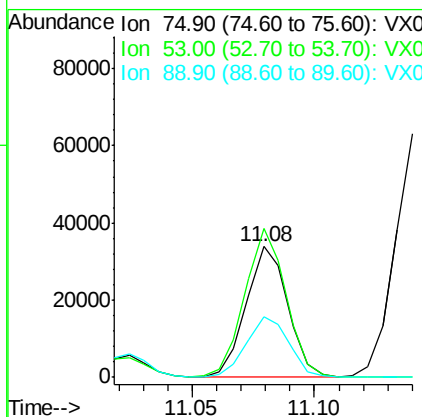
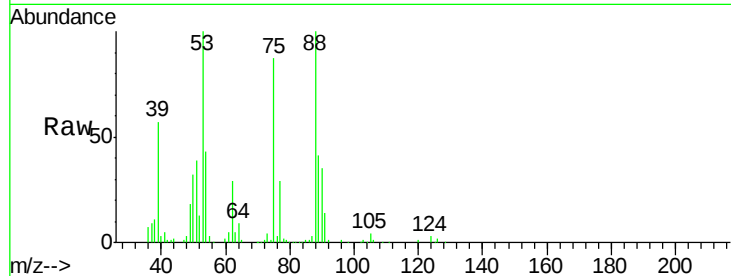
ClientSampled :

VSTDCCC050

Tot Ion:	75	Resp:	40121
Ion Ratio	Lower	Upper	
75	100		
53	114.3	87.9	131.9
89	47.7	37.7	56.5

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#82

4-Chlorotoluene

Concen: 49.61 ug/l

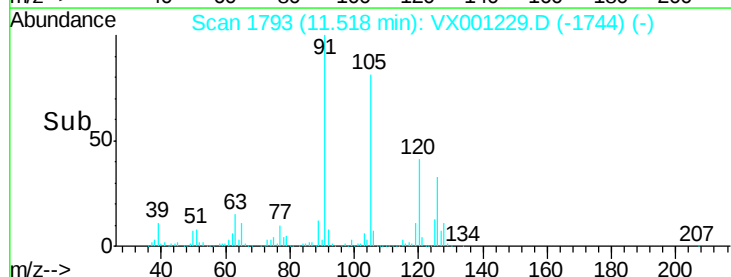
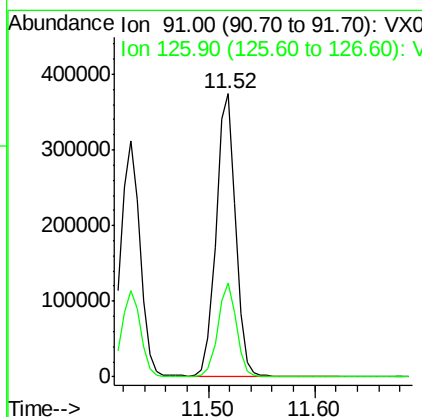
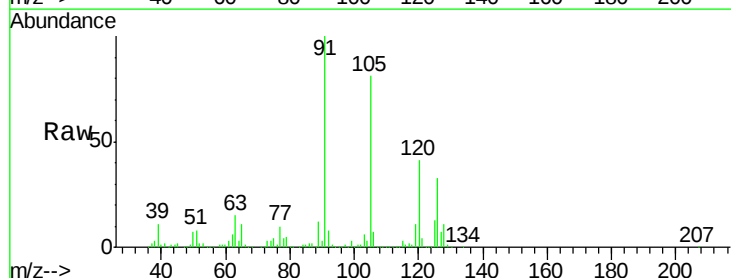
RT: 11.52 min Scan# 1793

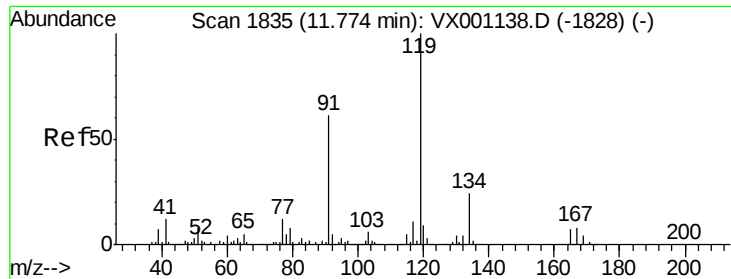
Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Tgt Ion:	91	Resp:	471729
Ion Ratio	Lower	Upper	
91	100		
126	31.8	15.8	47.4





#83

tert-Butylbenzene

Concen: 50.18 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Instrument :

MSVOA_X

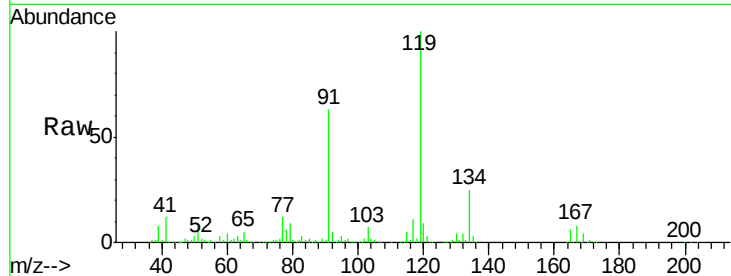
ClientSampleId :

VSTDCCC050

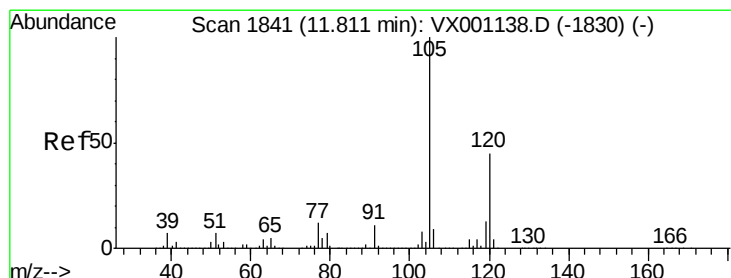
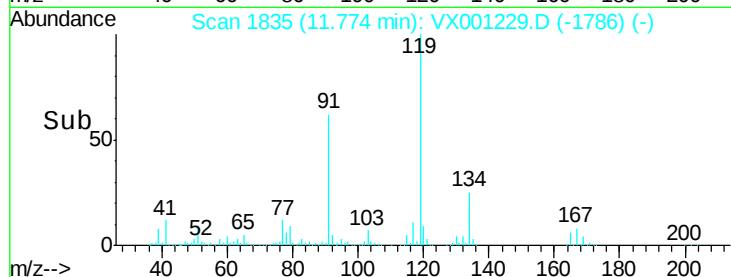
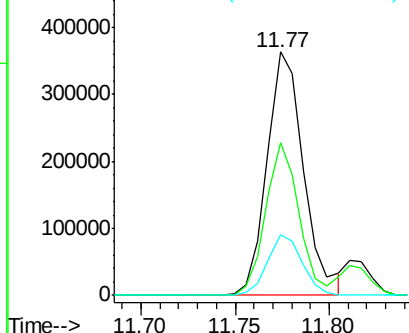
Tot Ion:	119	Resp:	490700
Ion Ratio	Lower	Upper	
119	100		
91	56.7	27.6	82.8
134	23.5	11.5	34.5

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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.87 ug/l

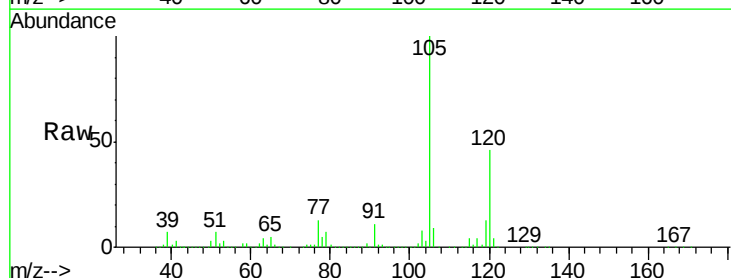
RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

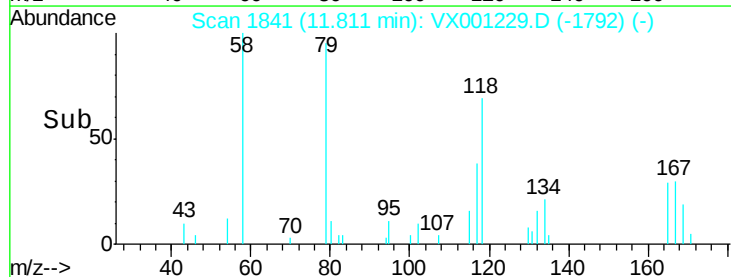
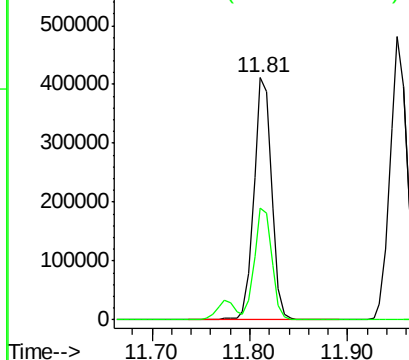
Lab File: VX001229.D

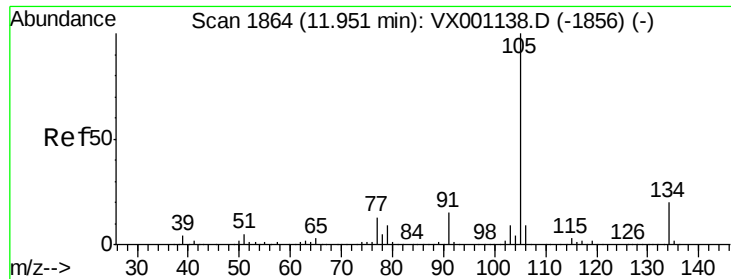
Acq: 28 Apr 2018 22:20

Tgt Ion:	105	Resp:	512347
Ion Ratio	Lower	Upper	
105	100		
120	45.6	22.4	67.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.97 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 582233

Ion Ratio Lower Upper

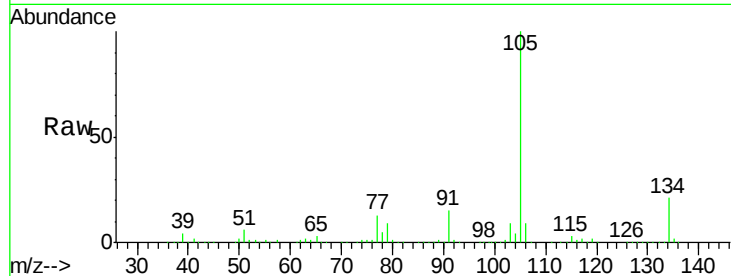
105 100

134 21.5 10.5 31.5

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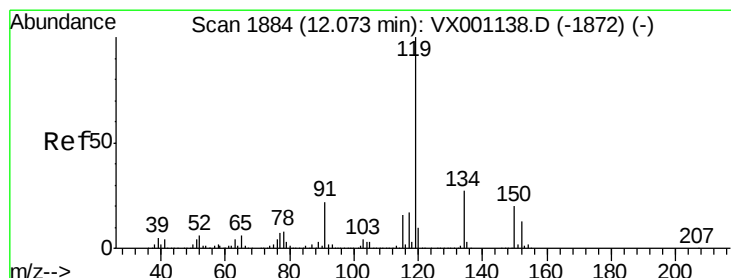
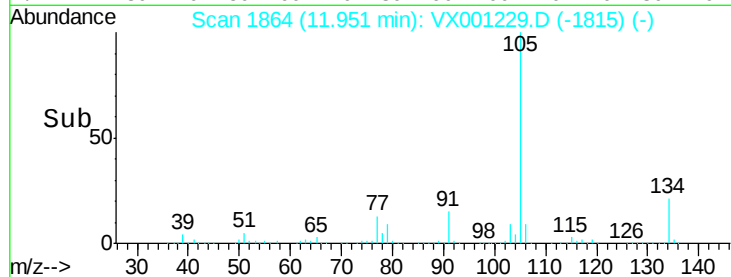
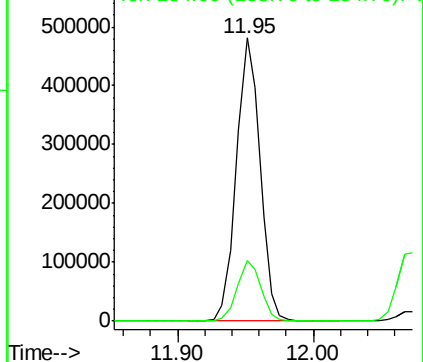
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.36 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

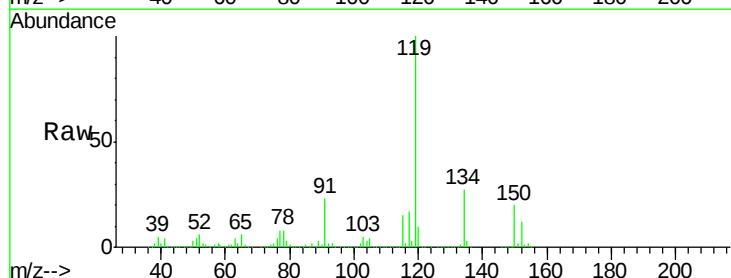
Tgt Ion:119 Resp: 535125

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

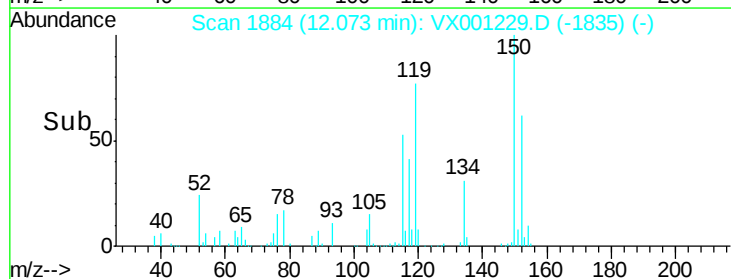
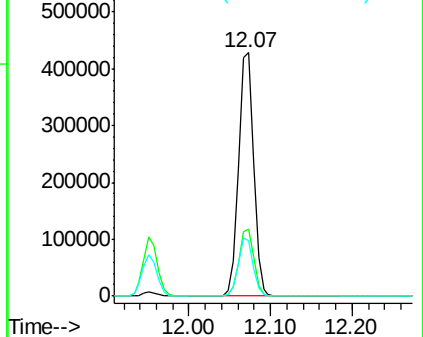
91 23.3 11.6 34.8

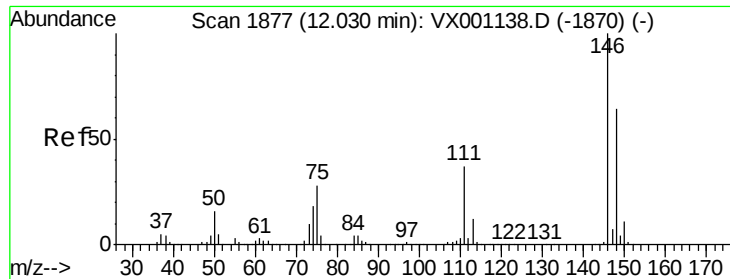


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





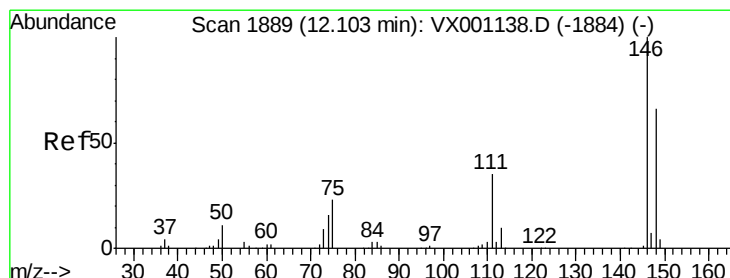
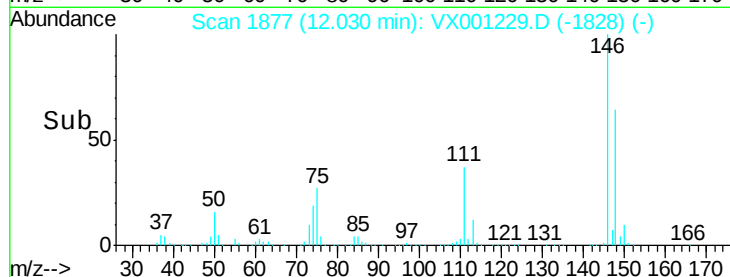
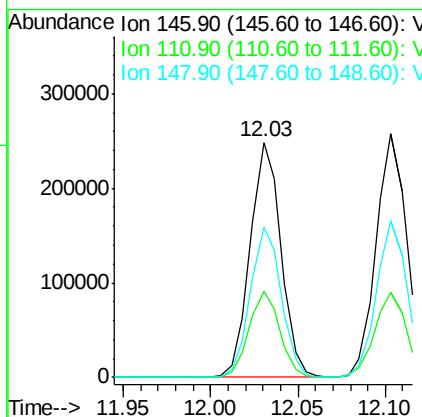
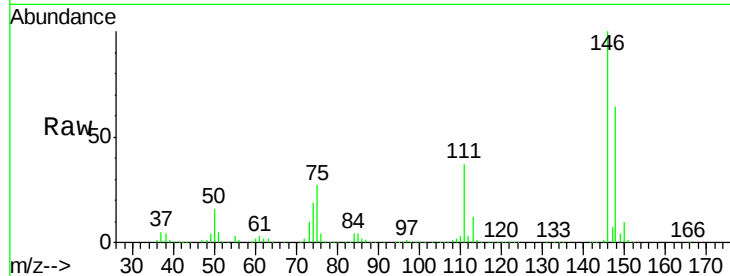
#87
 1,3-Dichlorobenzene
 Concen: 49.49 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001229.D
 Acq: 28 Apr 2018 22:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.6	56.0
148	64.0	32.3	96.8

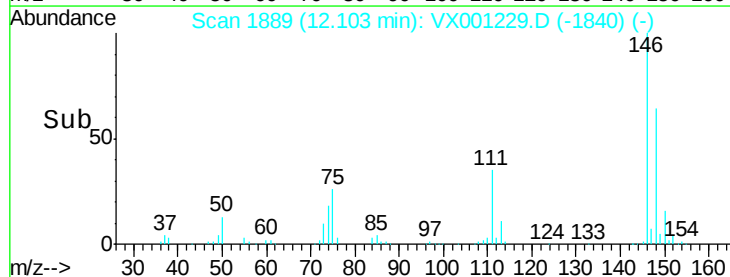
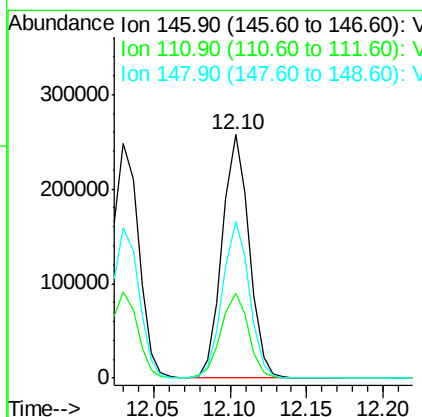
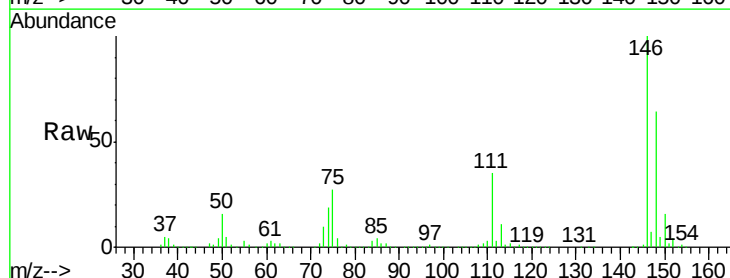
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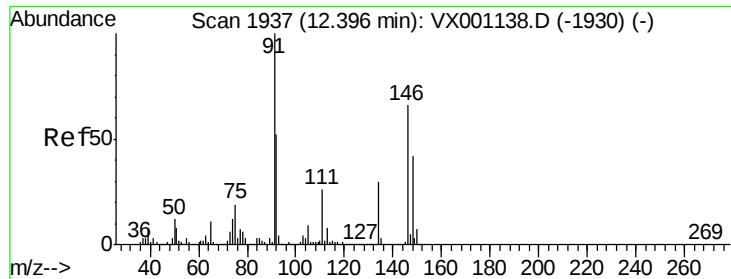
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#88
 1,4-Dichlorobenzene
 Concen: 48.99 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001229.D
 Acq: 28 Apr 2018 22:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.9	18.0	54.0
148	64.4	32.5	97.5





#89

n-Butylbenzene

Concen: 49.83 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Instrument :

MSVOA_X

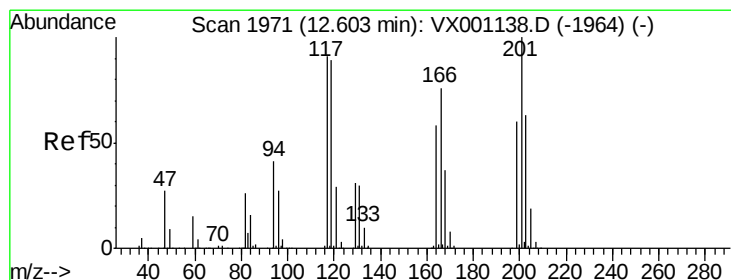
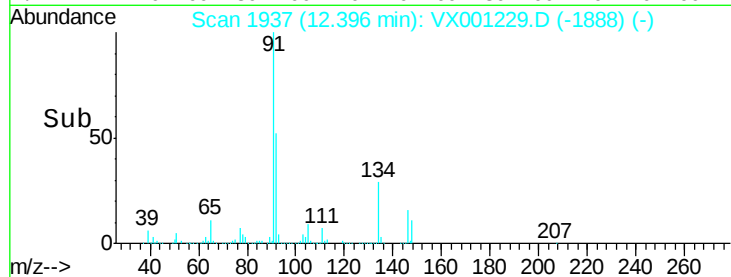
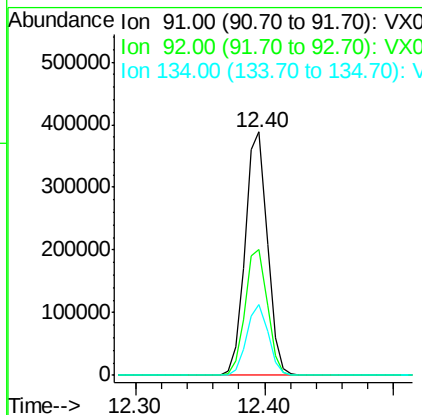
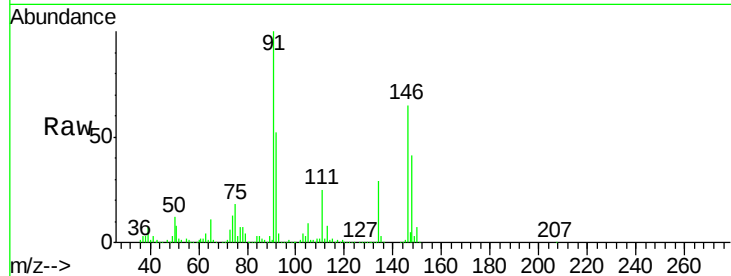
ClientSampleId :

VSTDCCC050

Tot Ion:	91	Resp:	458343
Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.2	78.6
134	28.4	14.1	42.3

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#90

Hexachloroethane

Concen: 47.14 ug/l

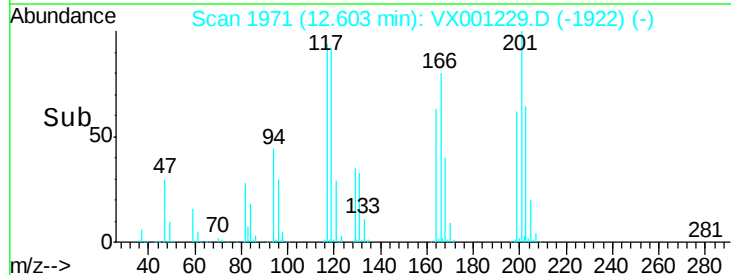
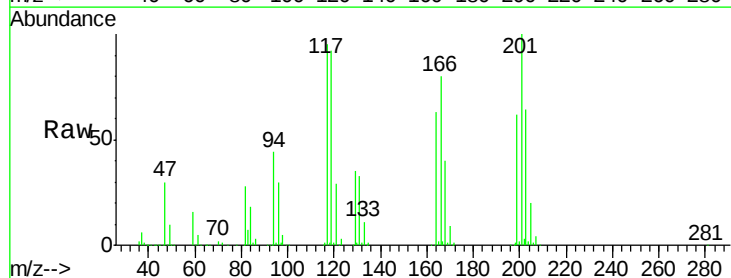
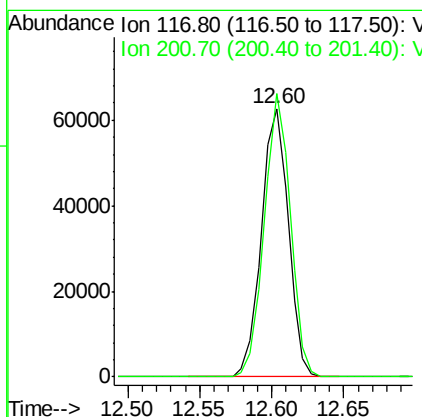
RT: 12.60 min Scan# 1971

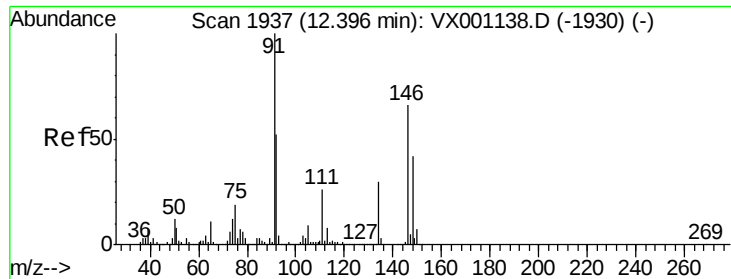
Delta R.T. 0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Tgt Ion:	117	Resp:	80489
Ion	Ratio	Lower	Upper
117	100		
201	102.7	51.8	155.4





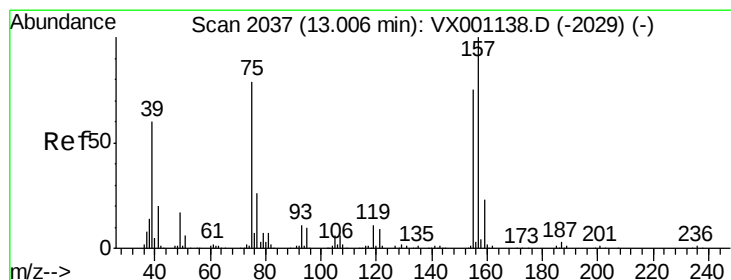
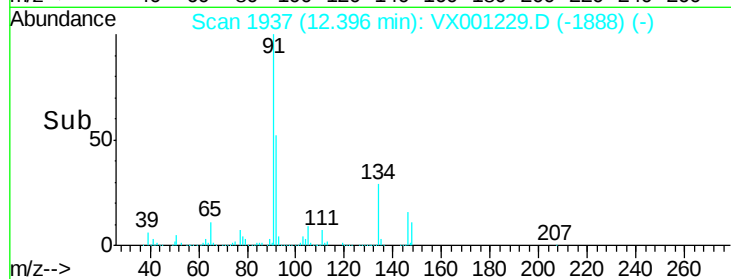
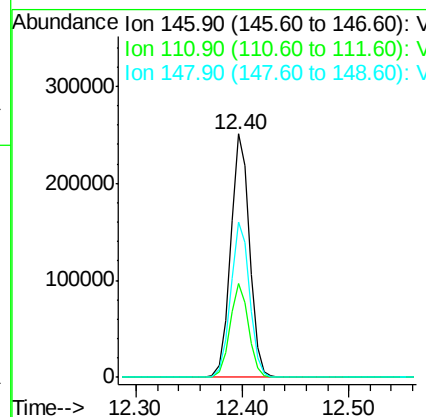
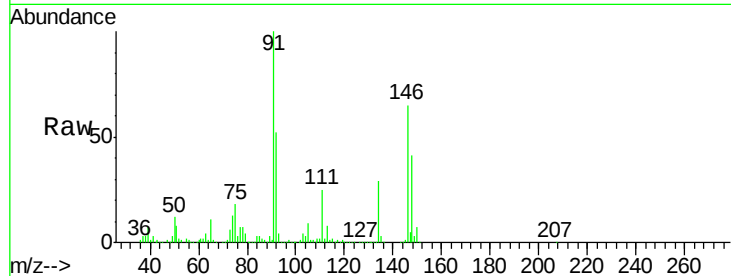
#91
 1,2-Dichlorobenzene
 Concen: 49.92 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001229.D
 Acq: 28 Apr 2018 22:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.1	57.3
148	63.7	32.2	96.6

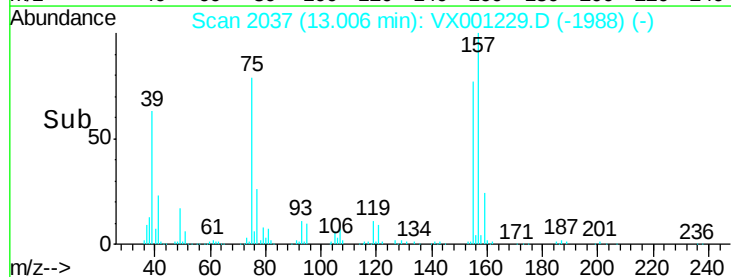
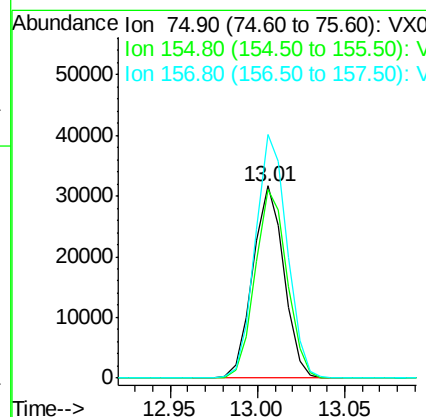
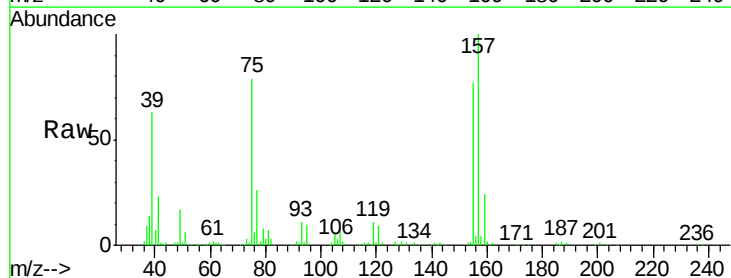
Manual Integrations
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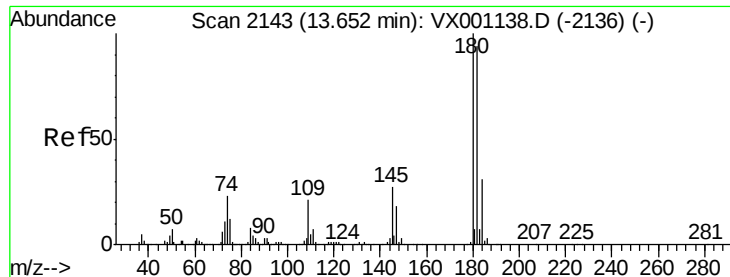
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.20 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001229.D
 Acq: 28 Apr 2018 22:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.3	48.4	145.3
157	129.3	62.7	188.1





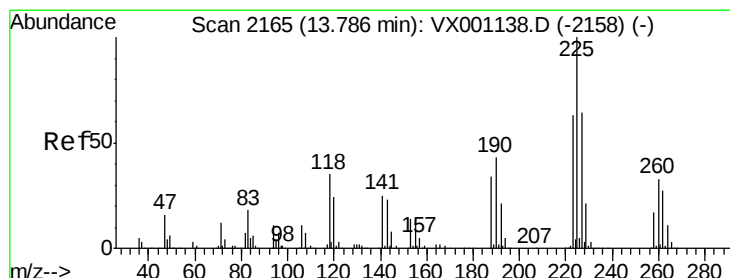
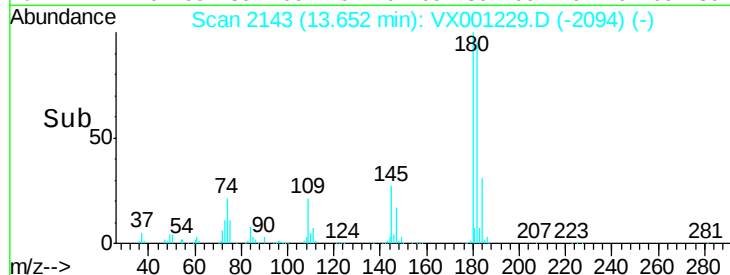
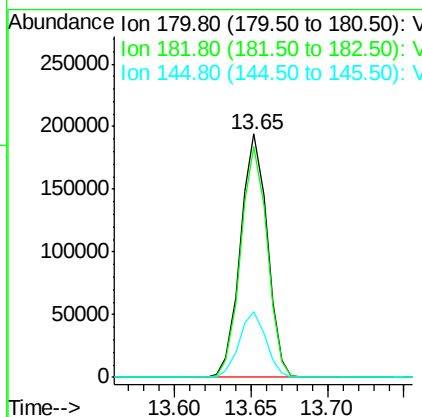
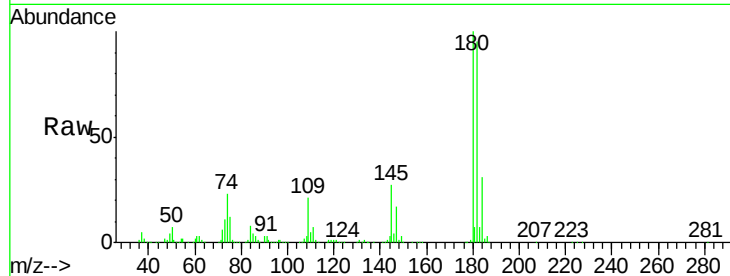
#93
 1,2,4-Trichlorobenzene
 Concen: 48.20 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001229.D
 Acq: 28 Apr 2018 22:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	235288		
182	94.4	47.9	143.6	
145	27.1	13.8	41.4	

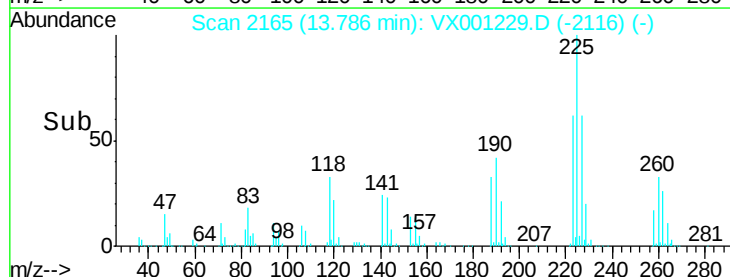
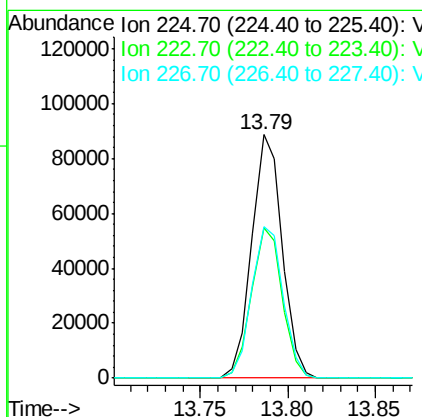
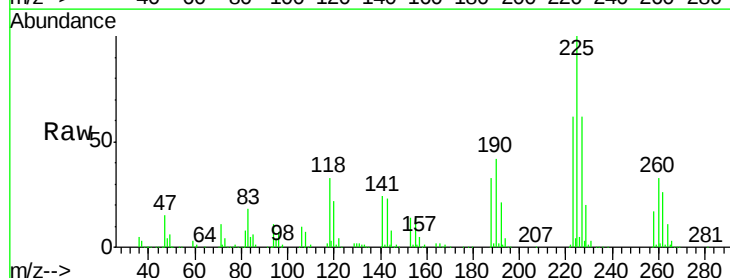
Manual Integrations
 APPROVED

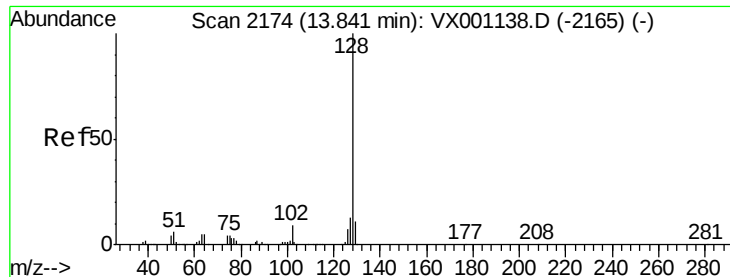
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#94
 Hexachlorobutadiene
 Concen: 46.73 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001229.D
 Acq: 28 Apr 2018 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	107235		
223	62.4	31.3	93.9	
227	64.4	32.2	96.6	





#95

Naphthalene

Concen: 47.84 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Instrument :

MSVOA_X

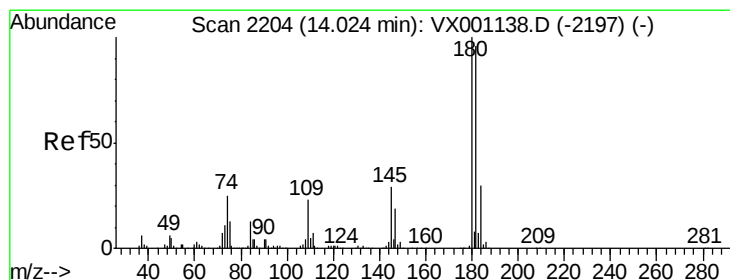
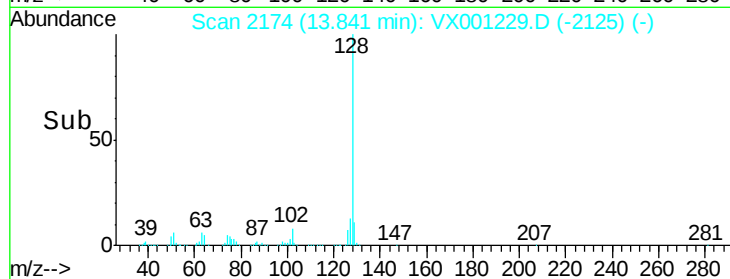
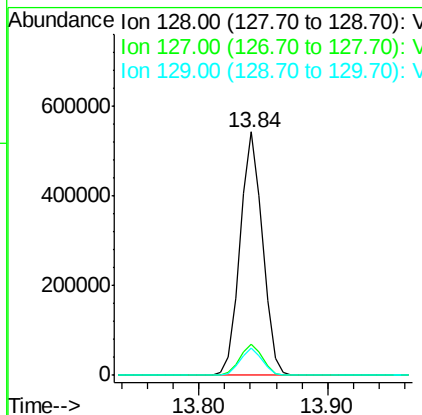
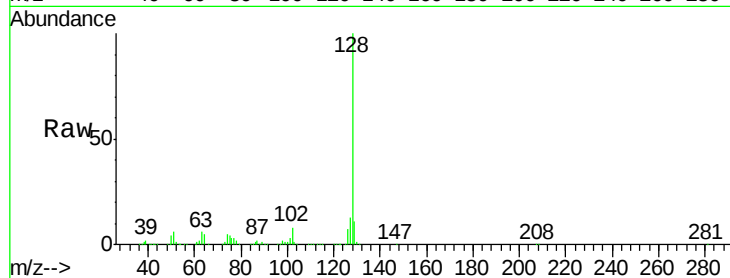
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	650745
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.6	15.8
129	11.0	8.8	13.2

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 48.19 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Tgt Ion:	180	Resp:	234111
Ion Ratio	Lower	Upper	
180	100		
182	96.8	48.2	144.6
145	29.1	14.5	43.5

