

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042818\
 Data File : VX001227.D
 Acq On : 28 Apr 2018 21:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 5/1/2018 7:46:22 PM

Quant Time: Apr 30 03:18:31 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	192944	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	259995	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	249324	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	172362	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	136969	45.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.60%	
35) Dibromofluoromethane	5.51	113	112043	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	
50) Toluene-d8	8.72	98	424864	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	
62) 4-Bromofluorobenzene	11.14	95	165113	52.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	100754	49.79	ug/l	99
3) Chloromethane	1.32	50	95354	45.00	ug/l	100
4) Vinyl Chloride	1.40	62	108981	48.47	ug/l	99
5) Bromomethane	1.64	94	74437	54.33	ug/l	100
6) Chloroethane	1.72	64	69950	49.43	ug/l	98
7) Trichlorofluoromethane	1.93	101	190597	52.49	ug/l	99
8) Diethyl Ether	2.19	74	67630	48.44	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	105897	52.93	ug/l	99
10) Methyl Iodide	2.51	142	135585	62.99	ug/l	98
11) Tert butyl alcohol	3.09	59	117090	198.53	ug/l	99
12) 1,1-Dichloroethene	2.37	96	96507	49.46	ug/l	97
13) Acrolein	2.30	56	42394	190.14	ug/l	97
14) Allyl chloride	2.73	41	174670	49.07	ug/l	97
15) Acrylonitrile	3.16	53	277980	220.71	ug/l	99
16) Acetone	2.45	43	257586	209.43	ug/l	99
17) Carbon Disulfide	2.57	76	244459	49.10	ug/l	99
18) Methyl Acetate	2.78	43	147510	47.93	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	346567	48.25	ug/l	99
20) Methylene Chloride	2.86	84	107063	46.74	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	104239	48.33	ug/l	99
22) Diisopropyl ether	3.88	45	332763	46.73	ug/l	94
23) Vinyl Acetate	3.84	43	1416635	234.48	ug/l	100
24) 1,1-Dichloroethane	3.70	63	175485	46.88	ug/l	99
25) 2-Butanone	4.72	43	373634	203.03	ug/l	99
26) 2,2-Dichloropropane	4.59	77	123936	42.07	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	113764	48.17	ug/l	98
28) Bromochloromethane	5.03	49	88003	52.44	ug/l	98
29) Tetrahydrofuran	5.18	42	242122	204.63	ug/l	99
30) Chloroform	5.23	83	193295	48.56	ug/l	99
31) Cyclohexane	5.58	56	156857	49.33	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	172758	50.28	ug/l	99
36) 1,1-Dichloropropene	5.81	75	142745	49.82	ug/l	100
37) Ethyl Acetate	4.88	43	150330	43.81	ug/l	100
38) Carbon Tetrachloride	5.79	117	155081	52.79	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	160516	50.62	ug/l	96
40) Benzene	6.15	78	420776	50.77	ug/l	99
41) Methacrylonitrile	5.07	41	85057	44.12	ug/l	98
42) 1,2-Dichloroethane	6.21	62	164928	49.38	ug/l	100
43) Isopropyl Acetate	6.48	43	250285	46.45	ug/l	99
44) Trichloroethene	7.22	130	125625	50.88	ug/l	95
45) 1,2-Dichloropropane	7.53	63	108659	49.85	ug/l	99
46) Dibromomethane	7.67	93	76405	50.62	ug/l	99
47) Bromodichloromethane	7.91	83	143754	52.41	ug/l	100
48) Methyl methacrylate	7.79	41	131703	45.98	ug/l	97
49) 1,4-Dioxane	7.76	88	45980	801.84	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	827399	233.76	ug/l	98
52) Toluene	8.79	92	279875	51.64	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	163859	51.39	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	155725	45.31	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	114597	49.98	ug/l	99
56) Ethyl methacrylate	9.19	69	168763	49.67	ug/l	98
57) 1,3-Dichloropropane	9.38	76	185036	49.88	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	394225	245.45	ug/l	100
59) 2-Hexanone	9.51	43	628149	226.50	ug/l	99
60) Dibromochloromethane	9.59	129	126446	47.39	ug/l	100
61) 1,2-Dibromoethane	9.68	107	122737	51.09	ug/l	100
64) Tetrachloroethene	9.34	164	137503	51.67	ug/l	98
65) Chlorobenzene	10.15	112	331389	50.73	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	121711	53.85	ug/l	100
67) Ethyl Benzene	10.26	91	553349	52.14	ug/l	100
68) m/p-Xylenes	10.37	106	437226	104.20	ug/l	99
69) o-Xylene	10.71	106	211104	51.87	ug/l	99
70) Styrene	10.72	104	355946	52.55	ug/l	100
71) Bromoform	10.87	173	103529	44.19	ug/l	99
73) Isopropylbenzene	11.02	105	567833	50.54	ug/l	100
74) N-amyl acetate	6.48	43	250285	44.21	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	174928	46.93	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	161895m	46.13	ug/l	
77) Bromobenzene	11.26	156	166512	49.98	ug/l	98
78) n-propylbenzene	11.37	91	643355	51.36	ug/l	100
79) 2-Chlorotoluene	11.43	91	388826	50.07	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	488196	51.33	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	39710	37.42	ug/l	97
82) 4-Chlorotoluene	11.52	91	467196	50.62	ug/l	100
83) tert-Butylbenzene	11.77	119	490070	51.63	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	503833	51.53	ug/l	99
85) sec-Butylbenzene	11.95	105	572113	51.60	ug/l	99
86) p-Isopropyltoluene	12.07	119	529203	51.30	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	301786	50.46	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	306654	49.21	ug/l	100
89) n-Butylbenzene	12.40	91	448762	50.27	ug/l	100
90) Hexachloroethane	12.60	117	78911	47.58	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	304669	50.40	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	38209	46.45	ug/l	98

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QLast Update : Fri Apr 27 01:51:42 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	230077	48.55	ug/l	99
94) Hexachlorobutadiene	13.79	225	103008	46.24	ug/l	99
95) Naphthalene	13.84	128	636343	48.19	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	230542	48.89	ug/l	99

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

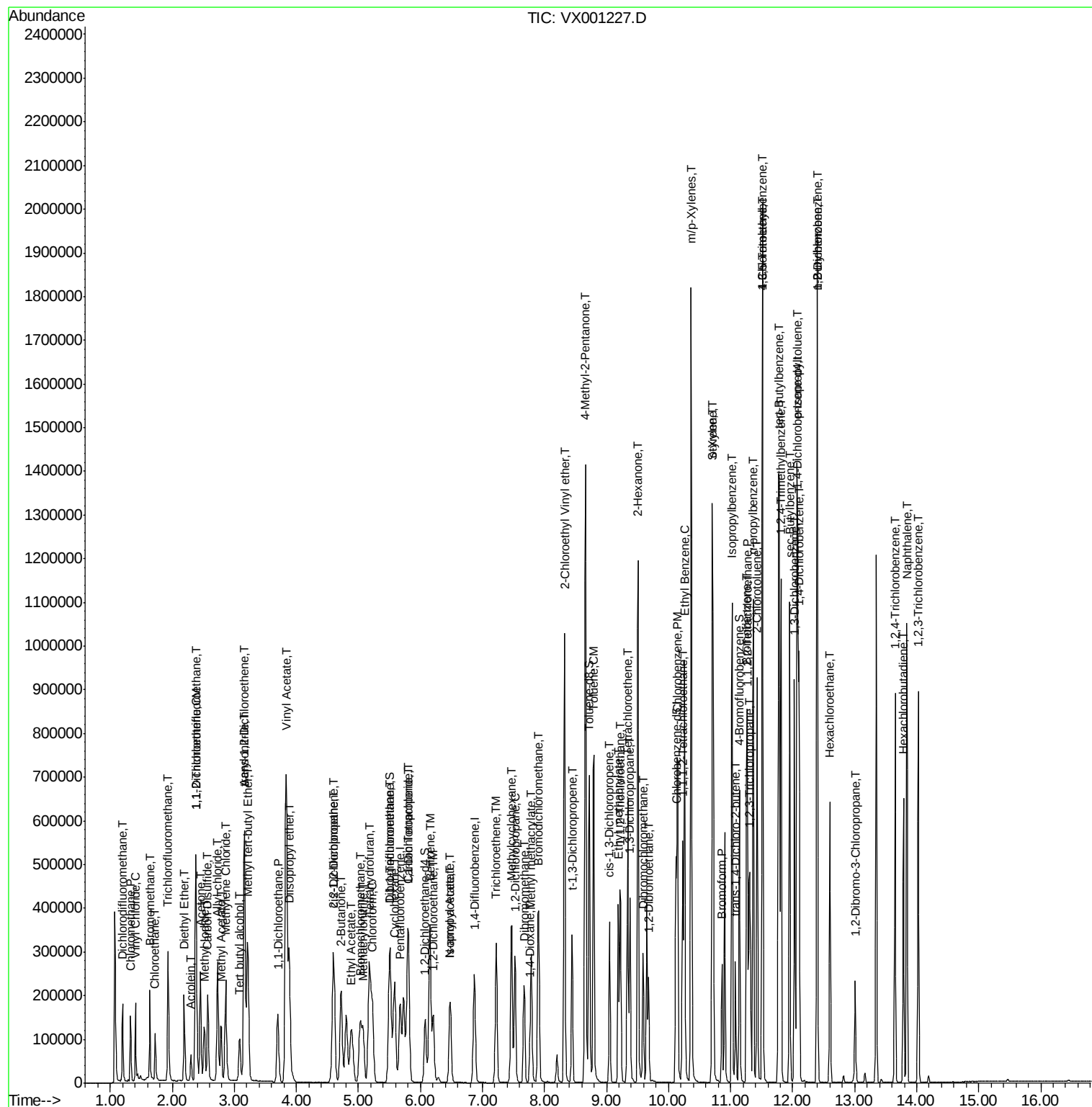
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042818\
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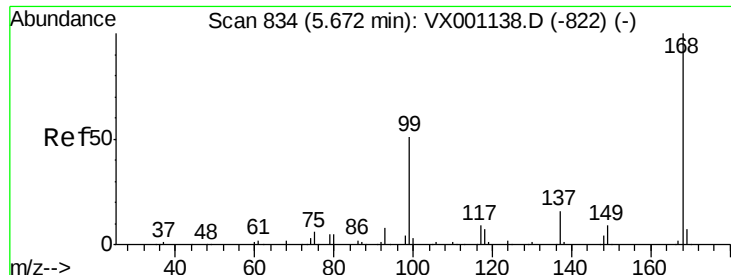
Instrument :
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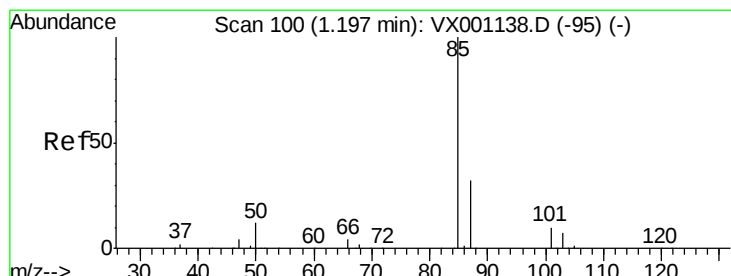
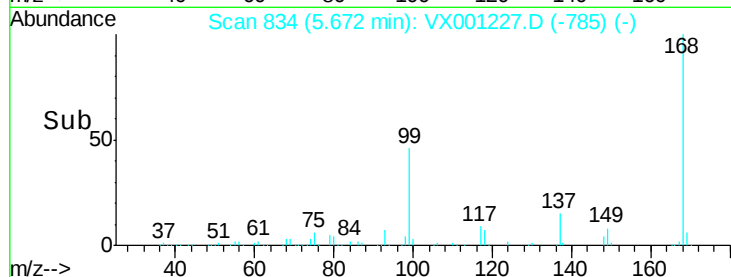
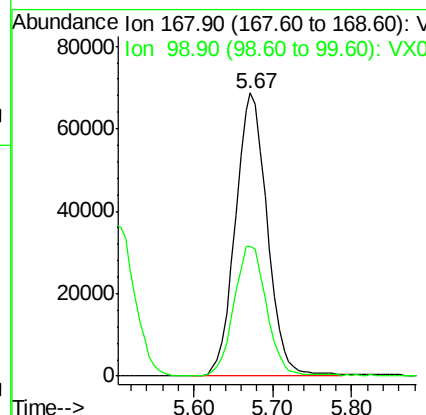
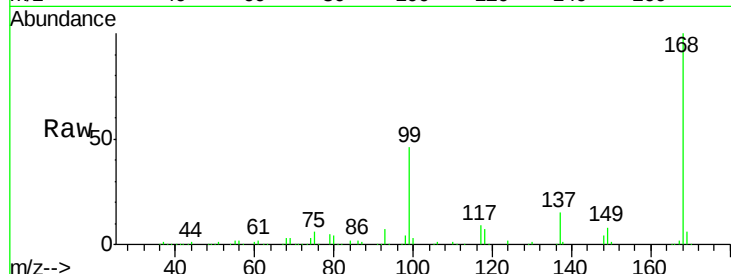
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.00 min
Lab File: VX001227.D
Acq: 28 Apr 2018 21:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	45.6	40.6	60.8

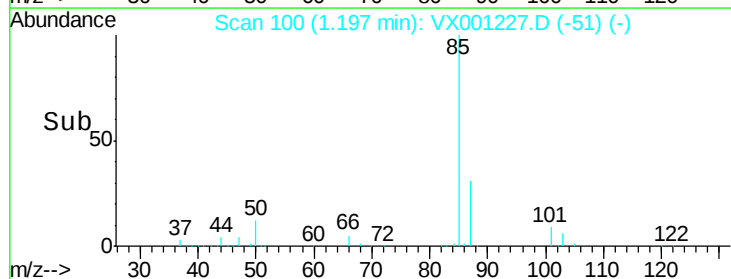
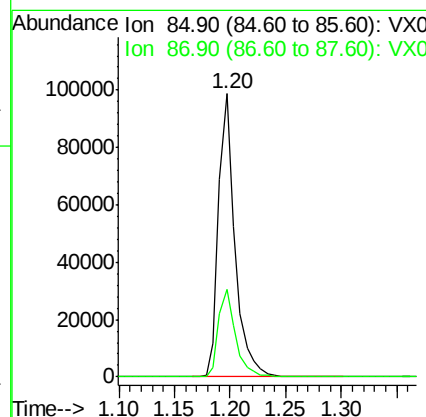
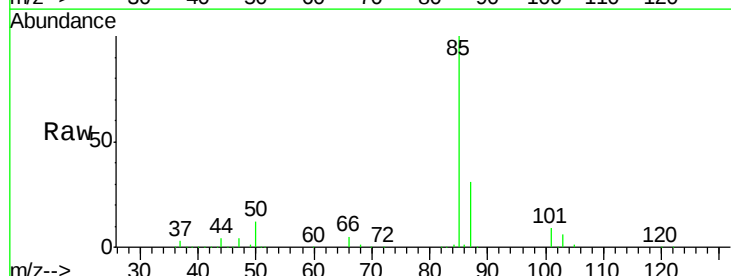
Manual Integrations
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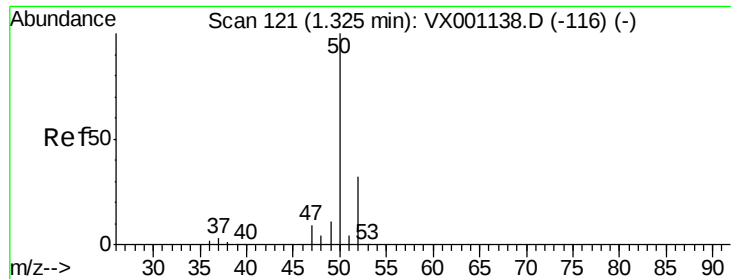
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#2
Dichlorodifluoromethane
Concen: 49.79 ug/l
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX001227.D
Acq: 28 Apr 2018 21:04

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.1	15.9	47.6





#3

Chloromethane

Concen: 45.00 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001227.D

Acq: 28 Apr 2018 21:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 95354

Ion Ratio Lower Upper

50 100

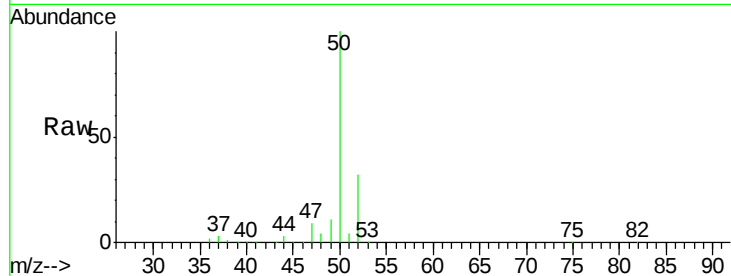
52 32.2 25.9 38.9

Manual Integrations

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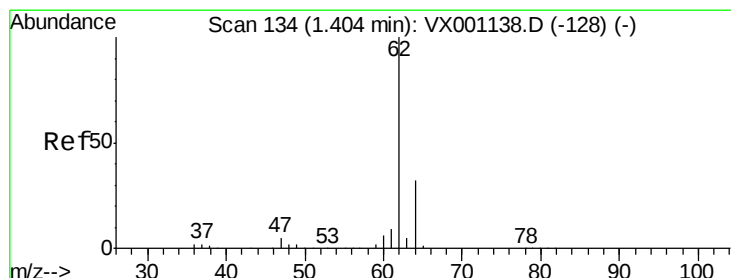
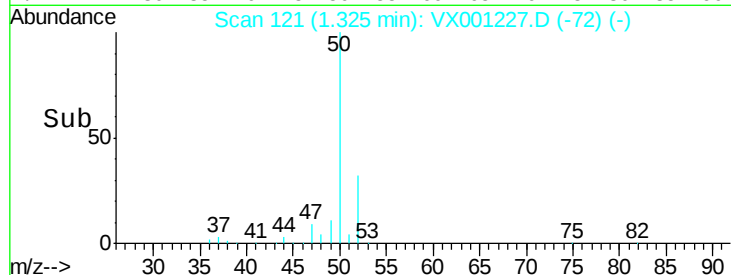
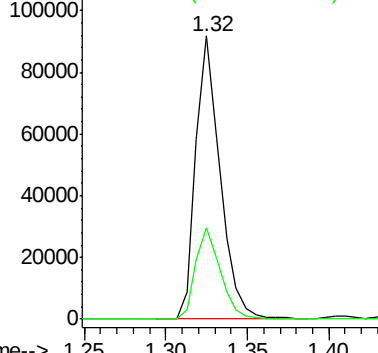
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.47 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001227.D

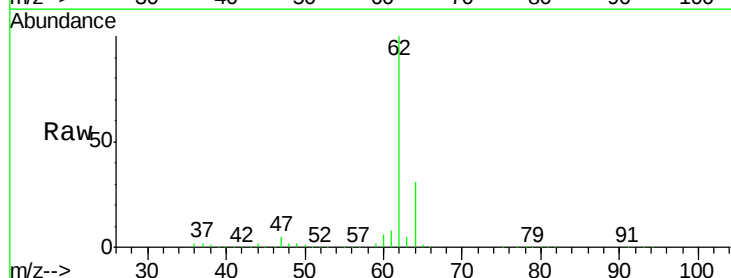
Acq: 28 Apr 2018 21:04

Tgt Ion: 62 Resp: 108981

Ion Ratio Lower Upper

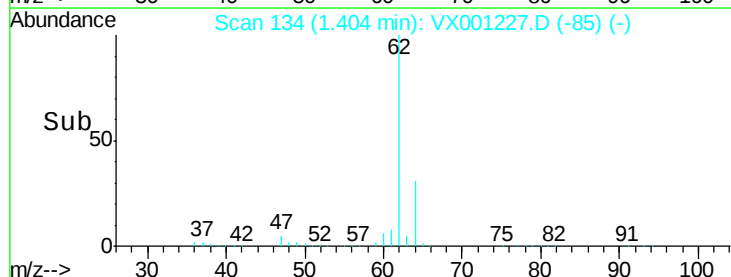
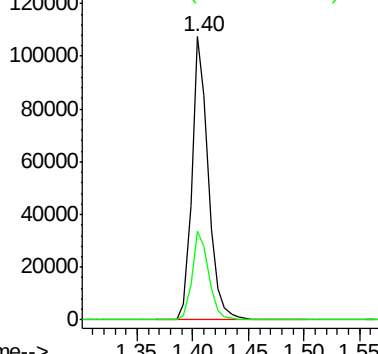
62 100

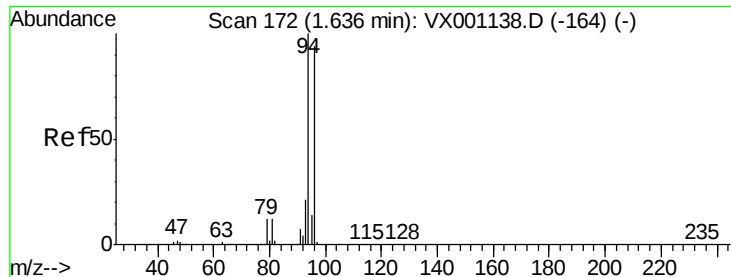
64 31.2 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 54.33 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001227.D

Acq: 28 Apr 2018 21:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 74437

Ion Ratio Lower Upper

94 100

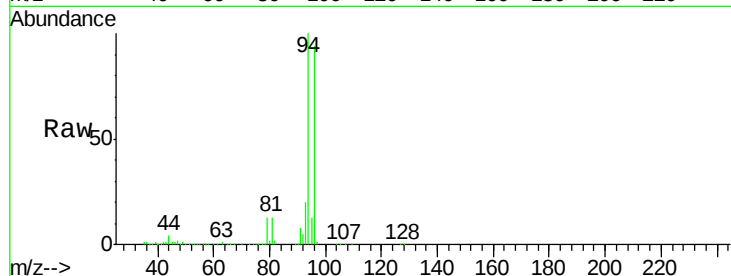
96 93.8 75.3 112.9

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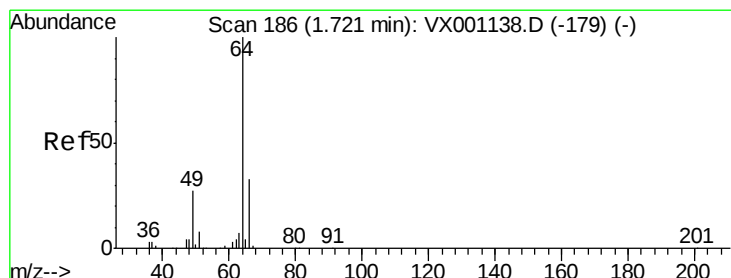
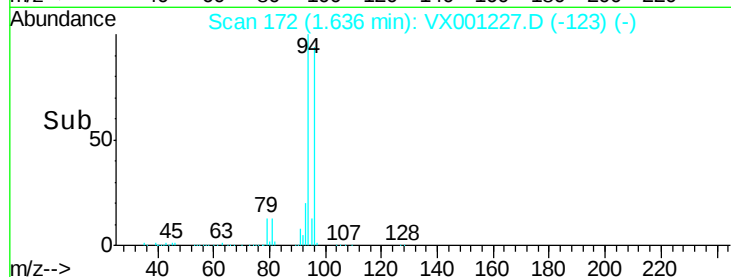
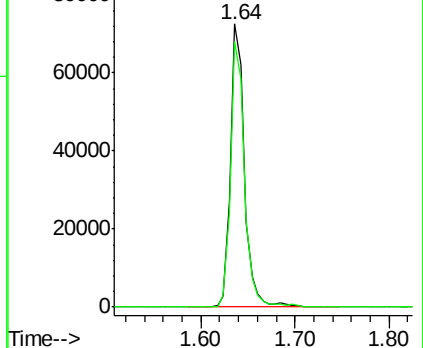
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.43 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX001227.D

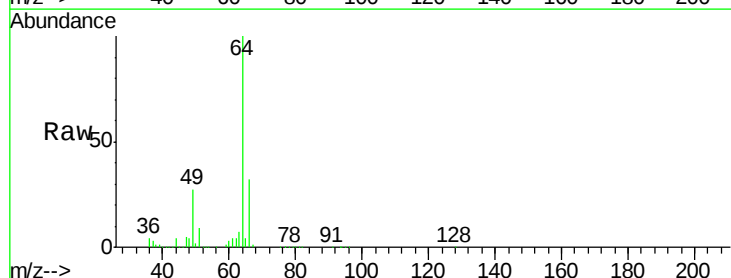
Acq: 28 Apr 2018 21:04

Tgt Ion: 64 Resp: 69950

Ion Ratio Lower Upper

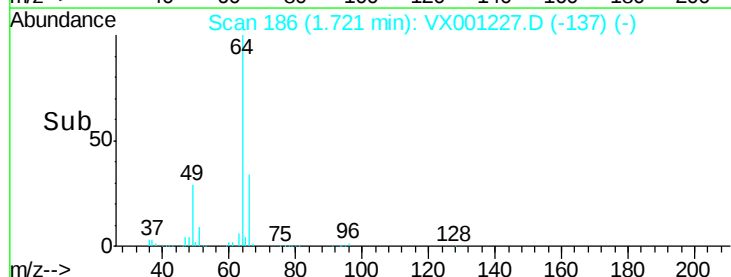
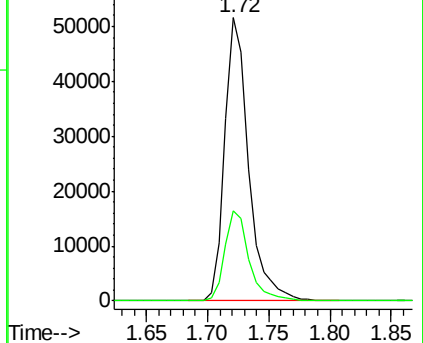
64 100

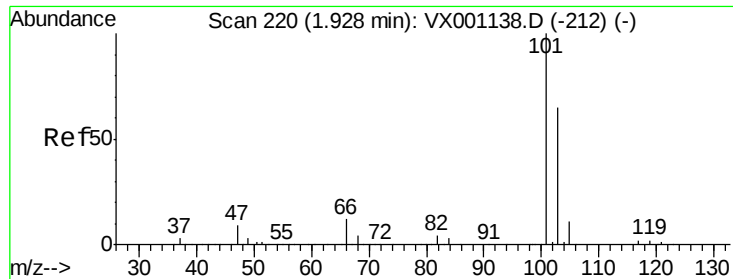
66 31.6 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 52.49 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.00 min

Lab File: VX001227.D

Acq: 28 Apr 2018 21:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:101 Resp: 190597

Ion Ratio Lower Upper

101 100

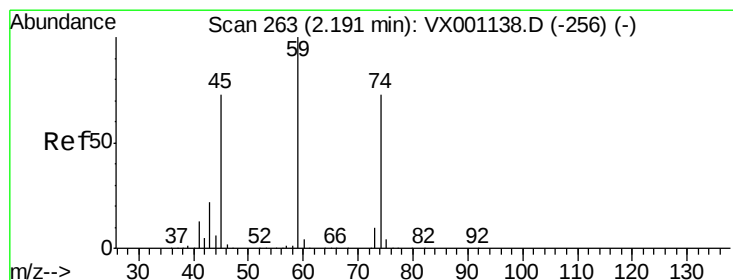
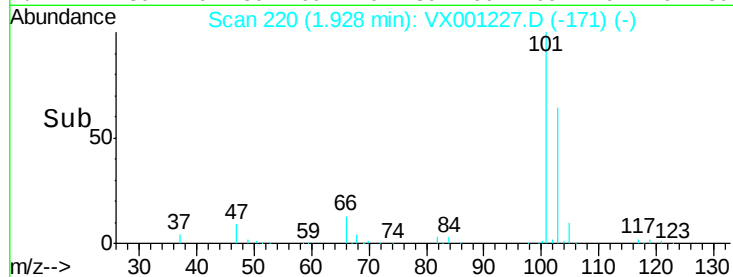
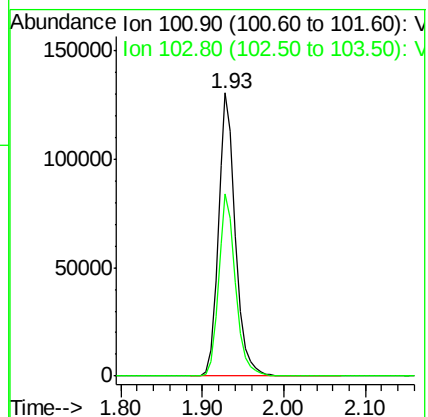
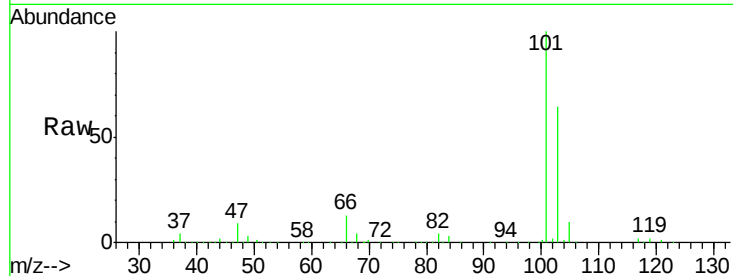
103 64.4 51.9 77.9

Manual Integrations

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#8

Diethyl Ether

Concen: 48.44 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX001227.D

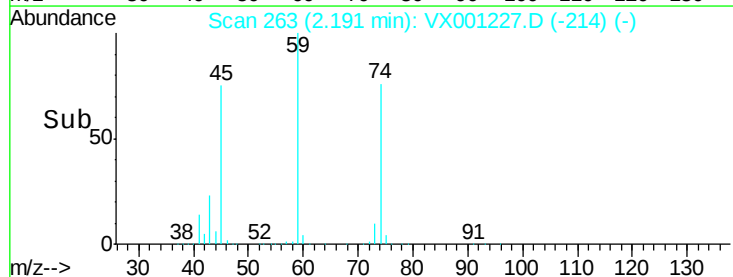
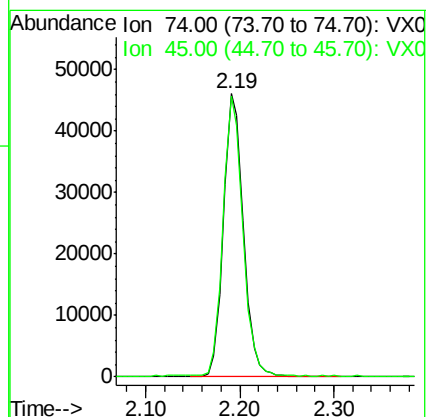
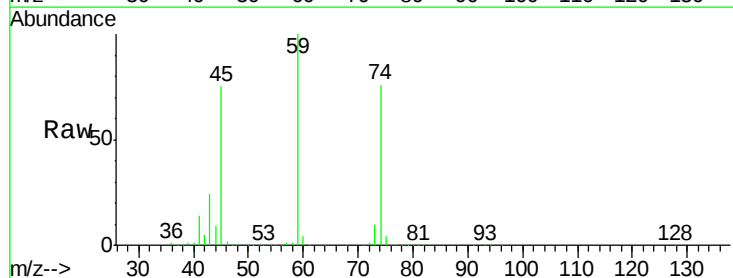
Acq: 28 Apr 2018 21:04

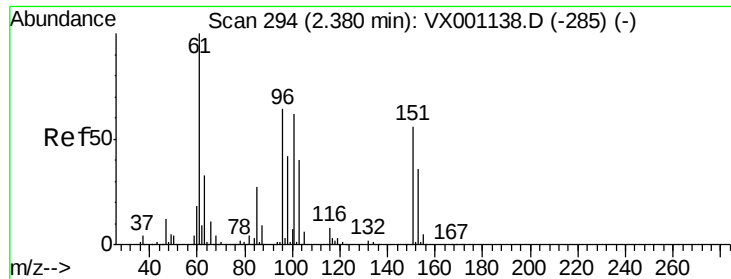
Tgt Ion: 74 Resp: 67630

Ion Ratio Lower Upper

74 100

45 97.8 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.93 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001227.D

Acq: 28 Apr 2018 21:04

Instrument :

MSVOA_X

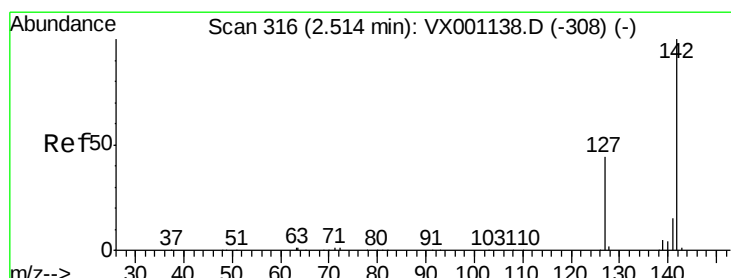
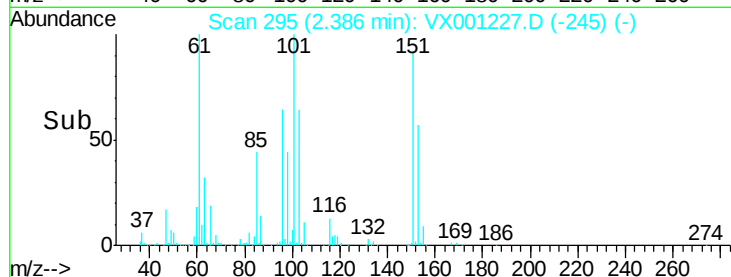
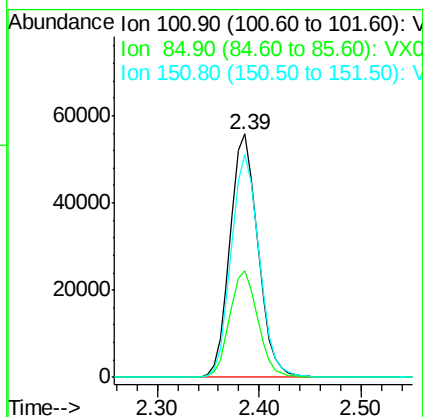
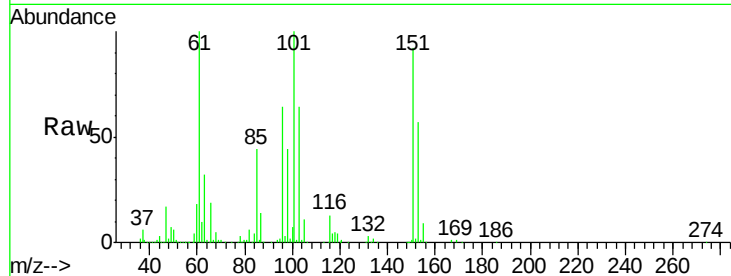
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	105897
Ion Ratio	Lower	Upper	
101	100		
85	44.1	35.4	53.0
151	92.1	74.2	111.4

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#10

Methyl Iodide

Concen: 62.99 ug/l

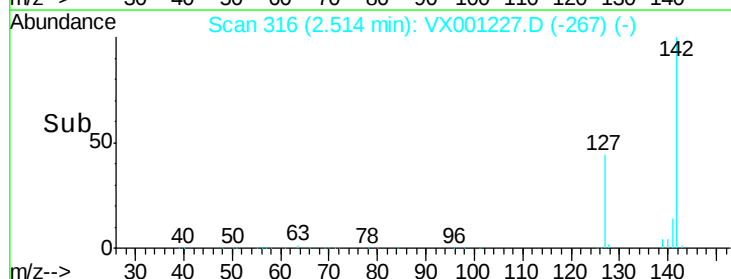
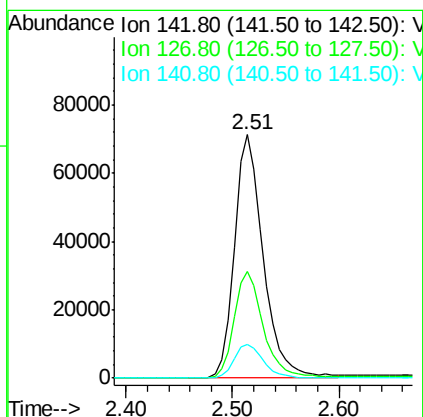
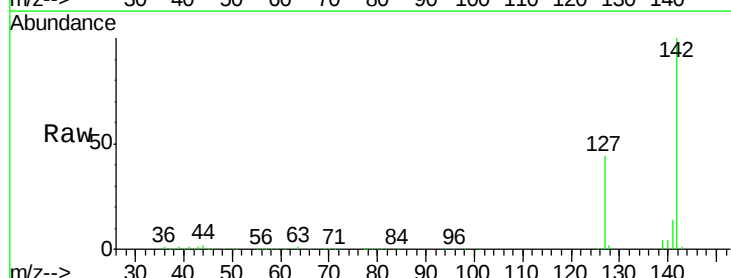
RT: 2.51 min Scan# 316

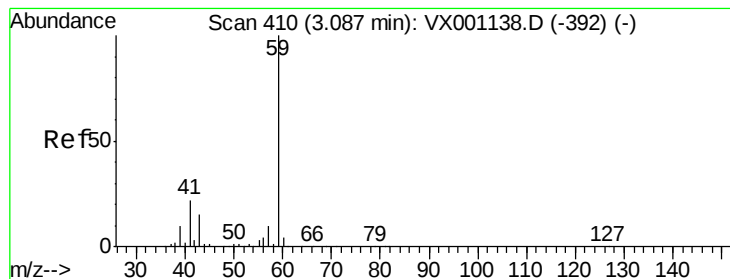
Delta R.T. 0.00 min

Lab File: VX001227.D

Acq: 28 Apr 2018 21:04

Tgt Ion:	142	Resp:	135585
Ion Ratio	Lower	Upper	
142	100		
127	44.8	34.7	52.1
141	14.3	11.6	17.4





#11

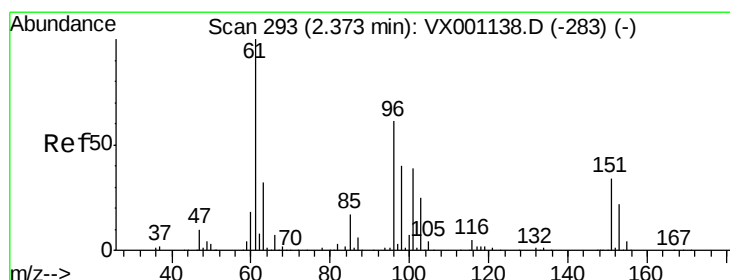
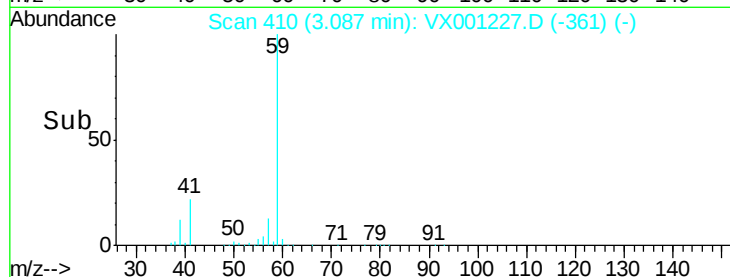
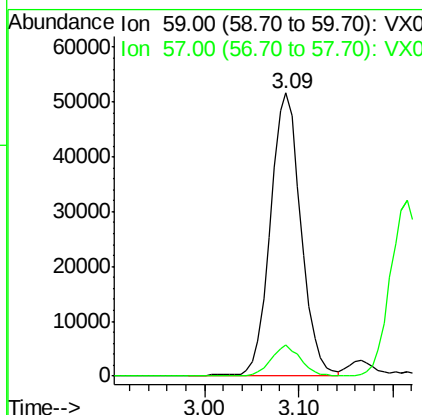
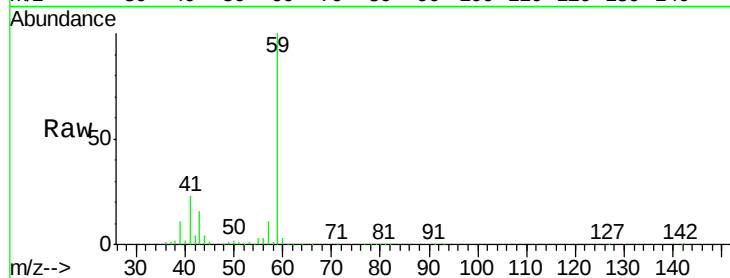
Tert butyl alcohol
 Concen: 198.53 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: VX001227.D
 Acq: 28 Apr 2018 21:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.2	12.4

Manual Integrations
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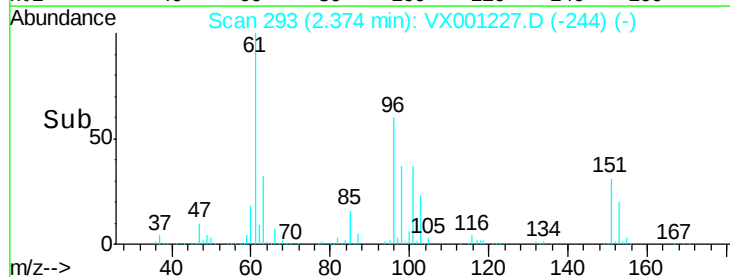
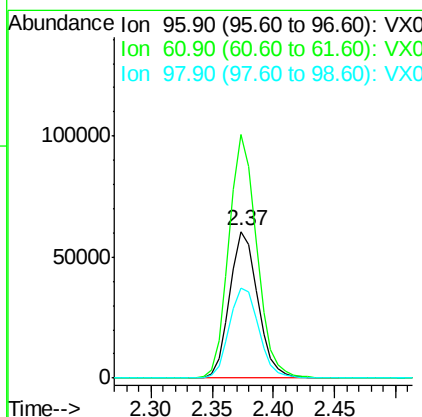
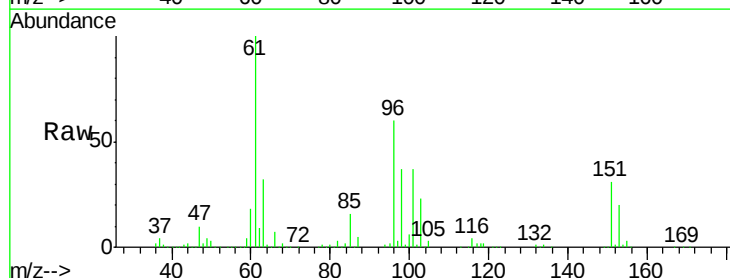
apatel
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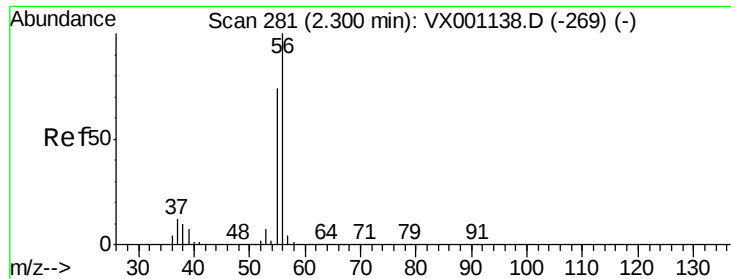


#12

1,1-Dichloroethene
 Concen: 49.46 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX001227.D
 Acq: 28 Apr 2018 21:04

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.4	130.2	195.4
98	61.7	51.5	77.3





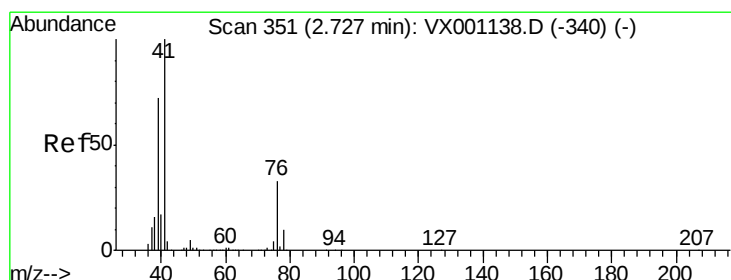
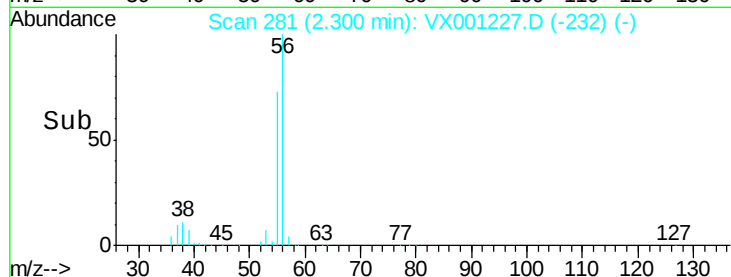
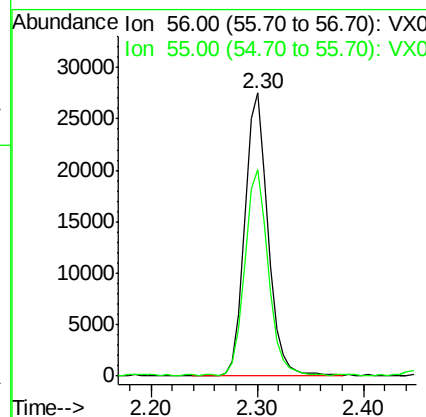
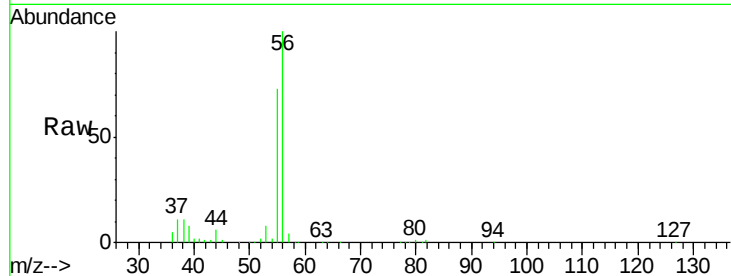
#13
Acrolein
Concen: 190.14 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX001227.D
Acq: 28 Apr 2018 21:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	42394
Ion Ratio	100	Lower	Upper
55	74.2	57.2	85.8

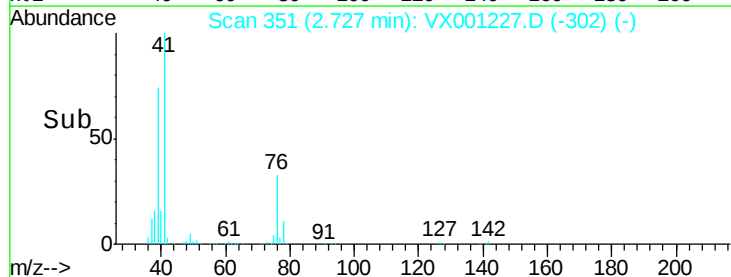
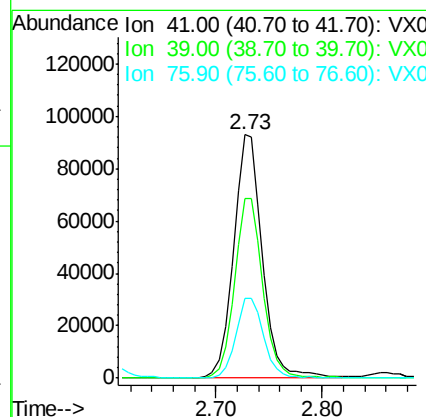
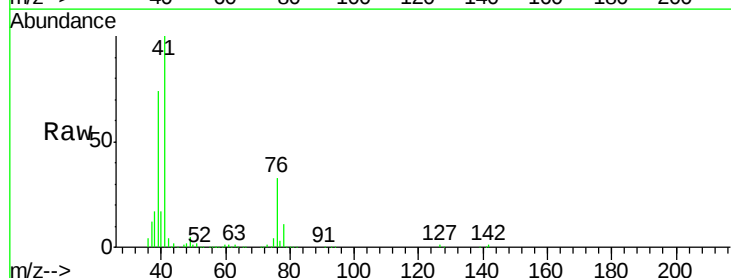
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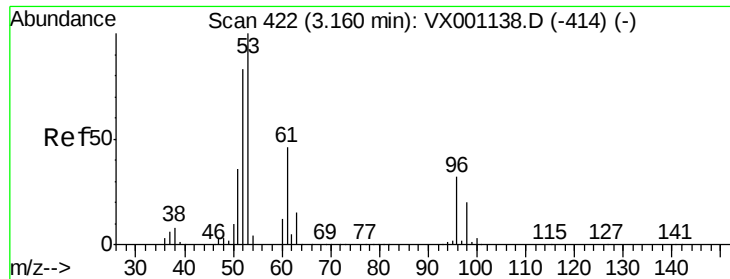
apatel
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#14
Allyl chloride
Concen: 49.07 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX001227.D
Acq: 28 Apr 2018 21:04

Tgt Ion	41	Resp	174670
Ion Ratio	100	Lower	Upper
39	72.2	55.6	83.4
76	32.0	24.8	37.2





#15

Acrylonitrile

Concen: 220.71 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX001227.D

Acq: 28 Apr 2018 21:04

Instrument :

MSVOA_X

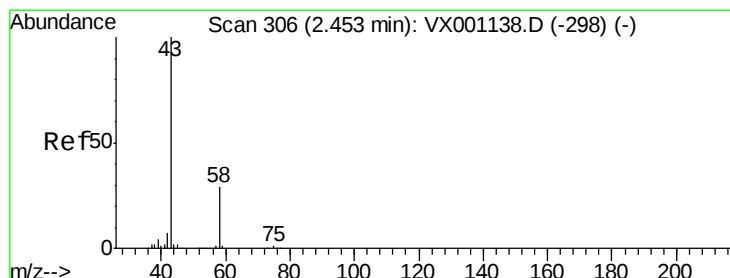
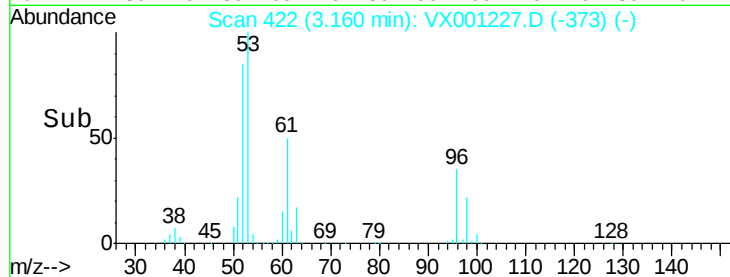
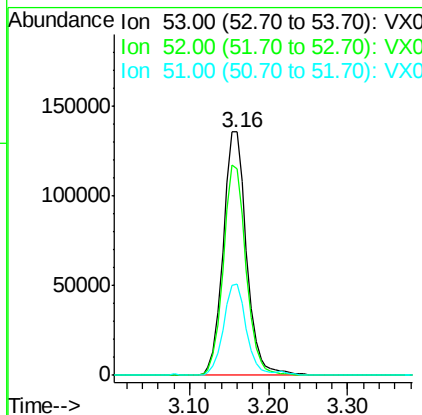
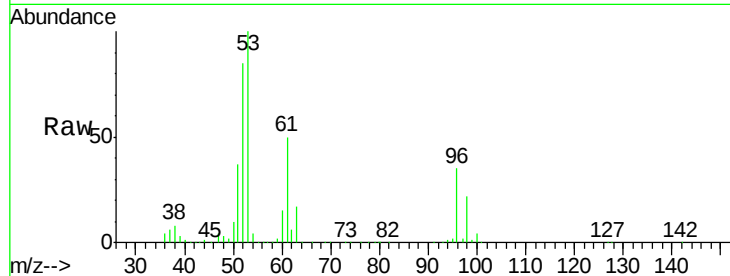
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	277980
Ion Ratio	Lower	Upper	
53	100		
52	84.2	66.5	99.7
51	37.5	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 209.43 ug/l

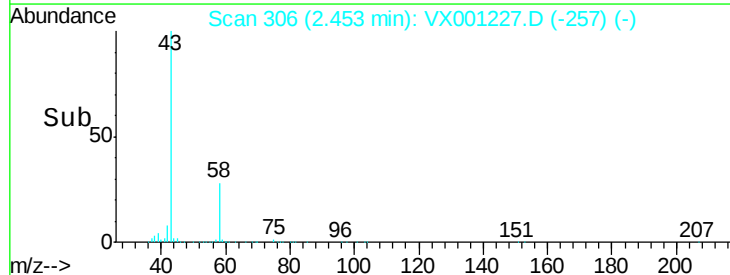
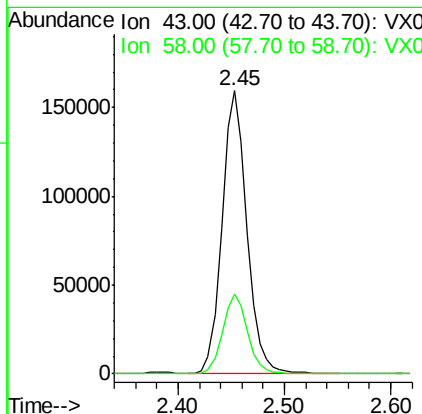
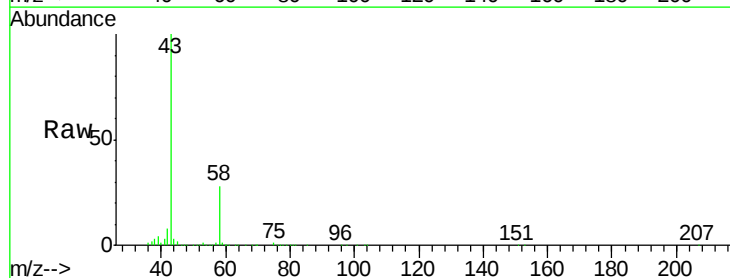
RT: 2.45 min Scan# 306

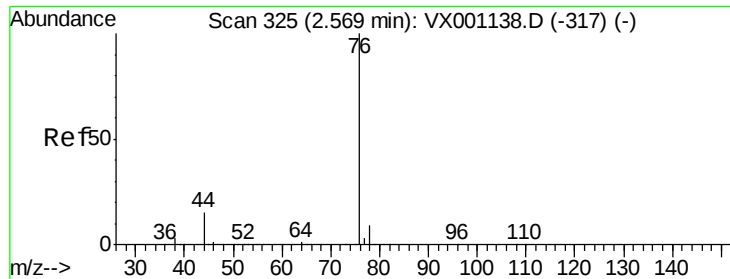
Delta R.T. 0.00 min

Lab File: VX001227.D

Acq: 28 Apr 2018 21:04

Tgt Ion:	43	Resp:	257586
Ion Ratio	Lower	Upper	
43	100		
58	28.2	23.0	34.6





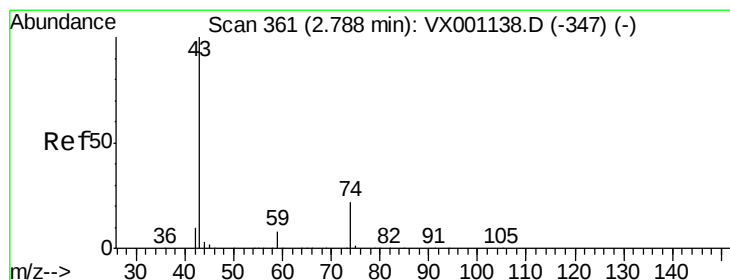
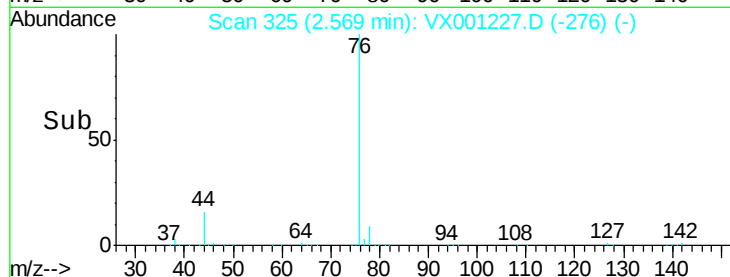
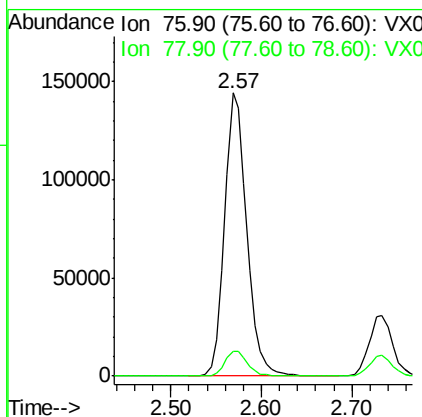
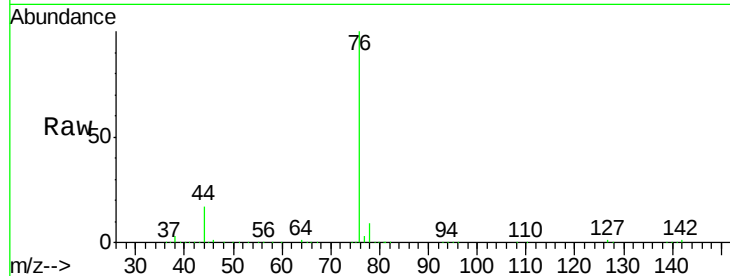
#17
Carbon Disulfide
Concen: 49.10 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX001227.D
Acq: 28 Apr 2018 21:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.3	10.9

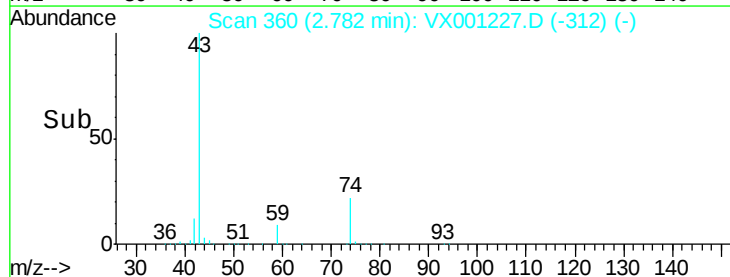
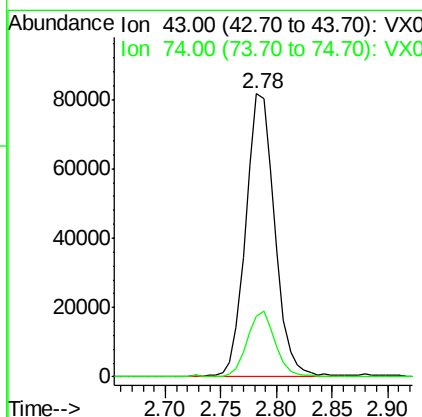
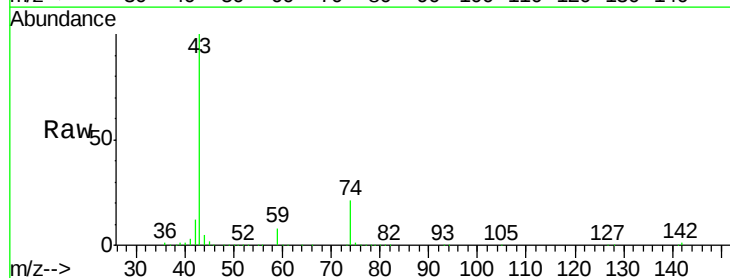
Manual Integrations
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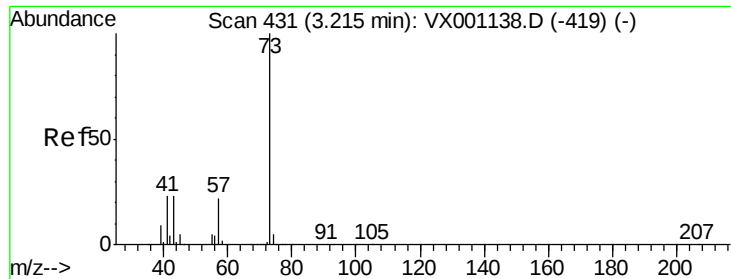
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#18
Methyl Acetate
Concen: 47.93 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX001227.D
Acq: 28 Apr 2018 21:04

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.2	18.1	27.1





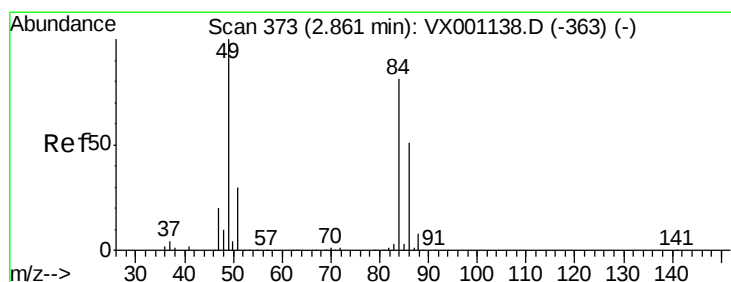
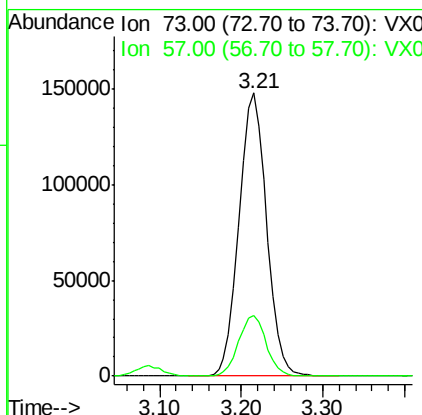
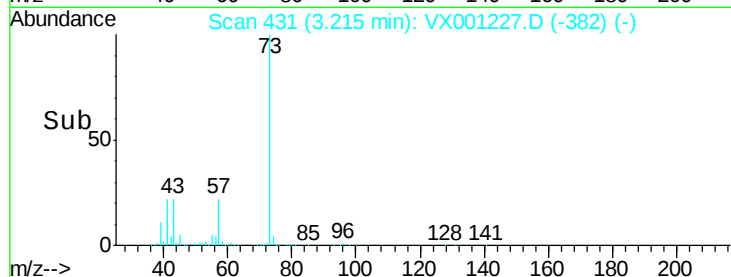
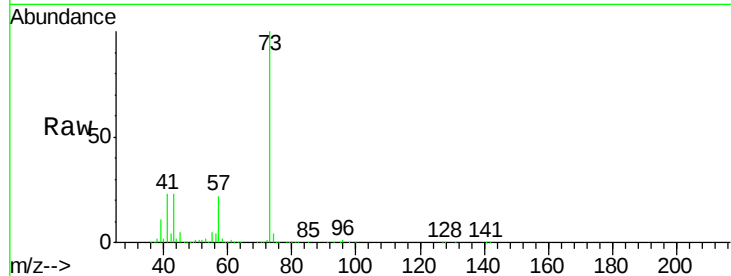
#19
Methvl tert-butvl Ether
Concen: 48.25 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX001227.D
Acq: 28 Apr 2018 21:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 346567
Ion Ratio Lower Upper
73 100
57 21.6 17.7 26.5

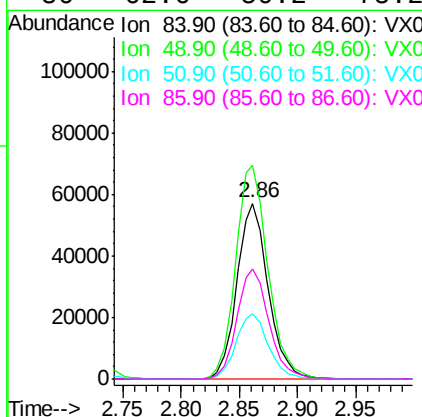
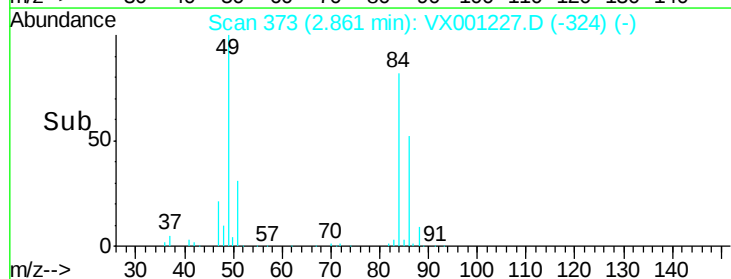
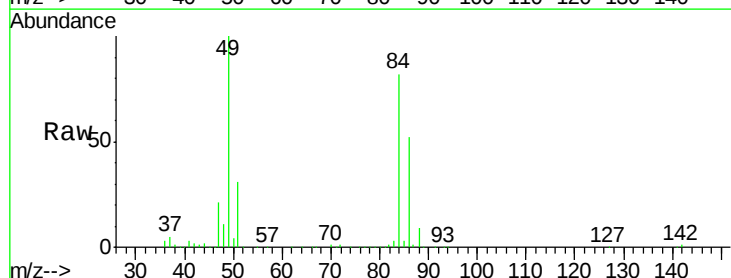
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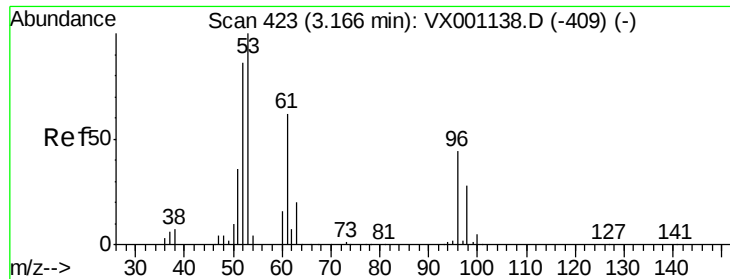
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#20
Methylene Chloride
Concen: 46.74 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001227.D
Acq: 28 Apr 2018 21:04

Tgt Ion: 84 Resp: 107063
Ion Ratio Lower Upper
84 100
49 121.5 99.2 148.8
51 37.2 29.5 44.3
86 62.6 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 48.33 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001227.D

Acq: 28 Apr 2018 21:04

Instrument :

MSVOA_X

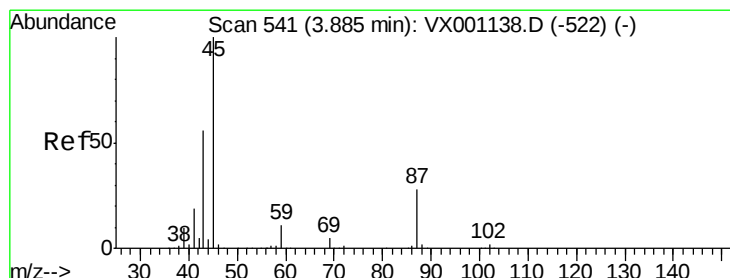
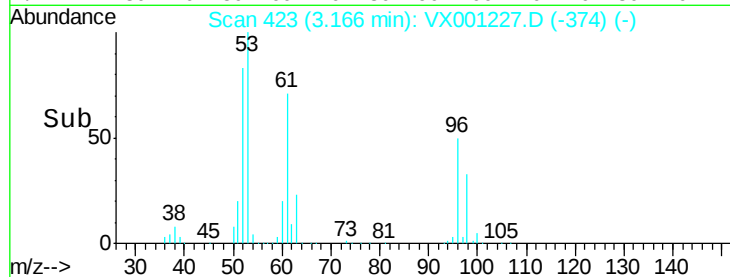
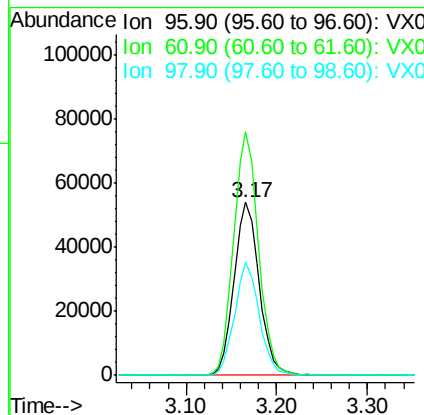
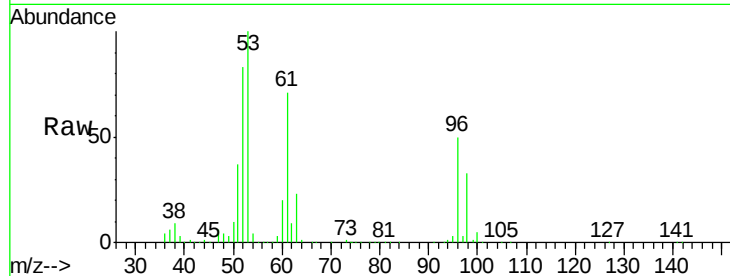
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	104239
Ion	Ratio	Lower	Upper
96	100		
61	140.9	111.9	167.9
98	65.4	51.1	76.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 46.73 ug/l

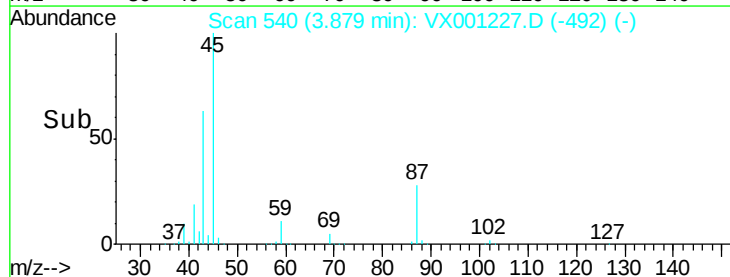
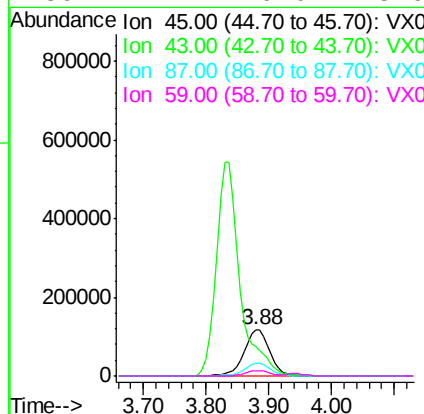
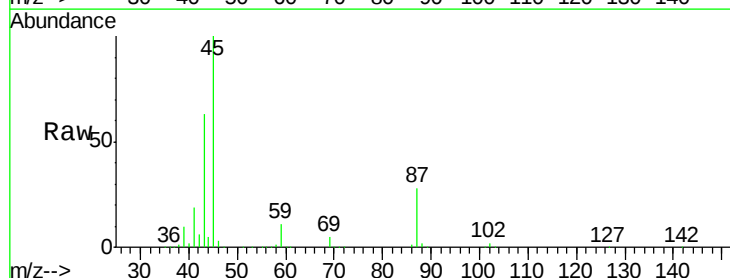
RT: 3.88 min Scan# 540

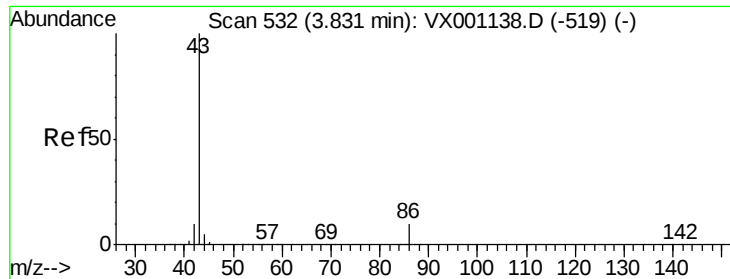
Delta R.T. -0.01 min

Lab File: VX001227.D

Acq: 28 Apr 2018 21:04

Tgt Ion:	45	Resp:	332763
Ion	Ratio	Lower	Upper
45	100		
43	62.7	45.0	67.4
87	28.0	22.8	34.2
59	11.1	9.0	13.6





#23

Vinyl Acetate

Concen: 234.48 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.01 min

Lab File: VX001227.D

Acq: 28 Apr 2018 21:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1416635

Ion Ratio Lower Upper

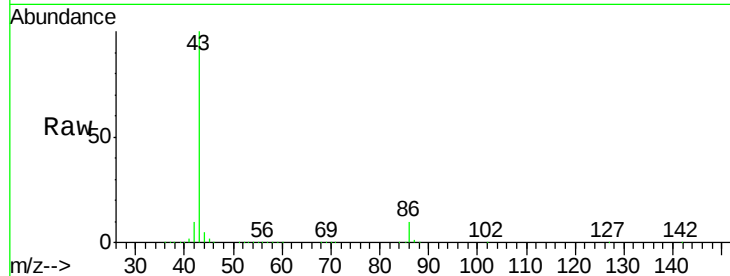
43 100

86 10.1 8.0 12.0

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

600000

500000

400000

300000

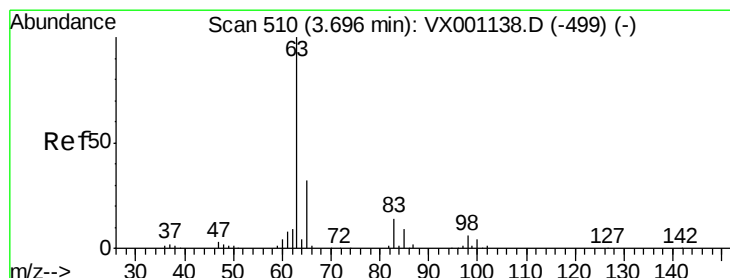
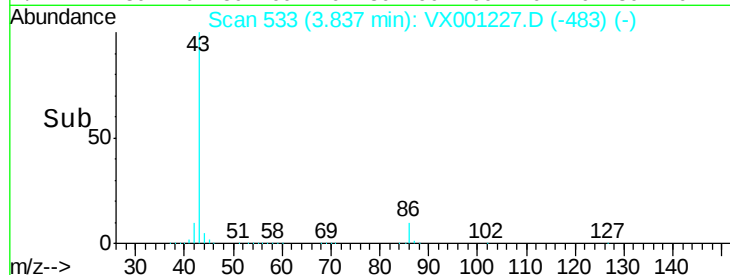
200000

100000

0

3.70 3.80 3.90 4.00 4.10

Time-->



#24

1,1-Dichloroethane

Concen: 46.88 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001227.D

Acq: 28 Apr 2018 21:04

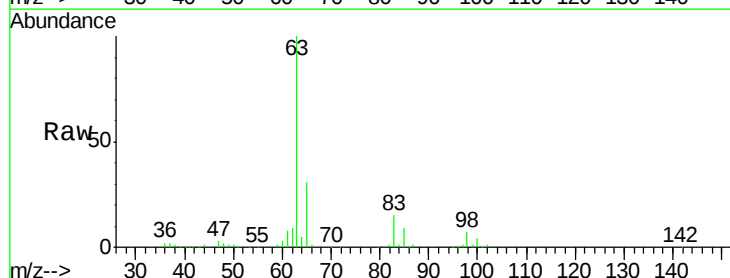
Tgt Ion: 63 Resp: 175485

Ion Ratio Lower Upper

63 100

98 6.8 3.1 9.4

100 4.1 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

100000

80000

60000

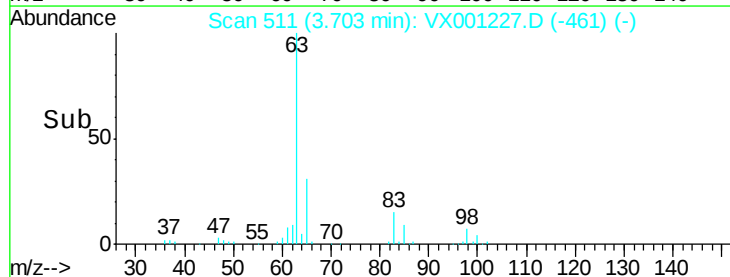
40000

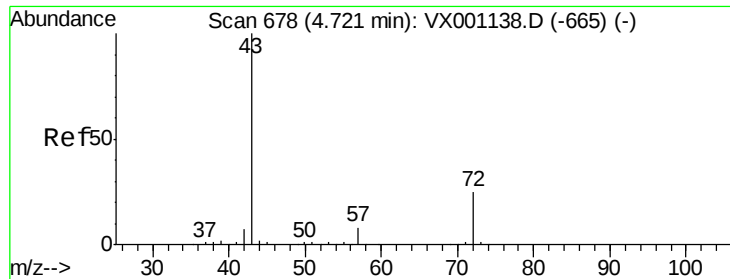
20000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 203.03 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX001227.D

Acq: 28 Apr 2018 21:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 373634

Ion Ratio Lower Upper

43 100

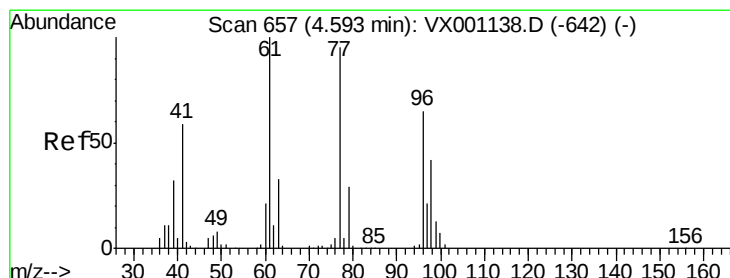
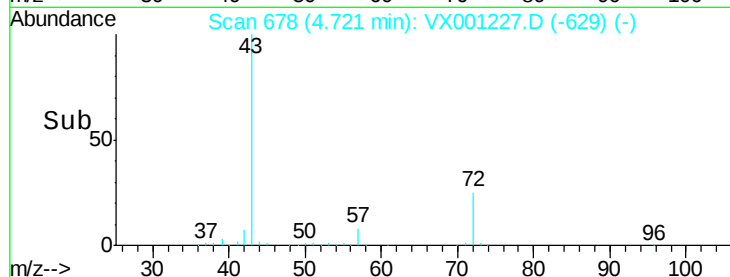
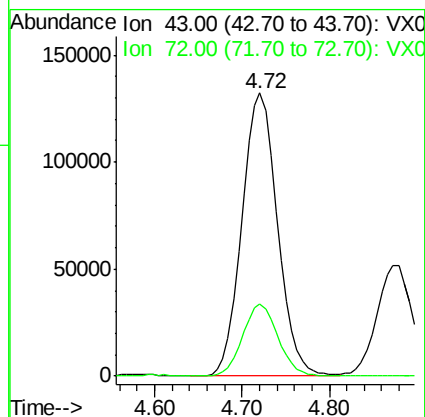
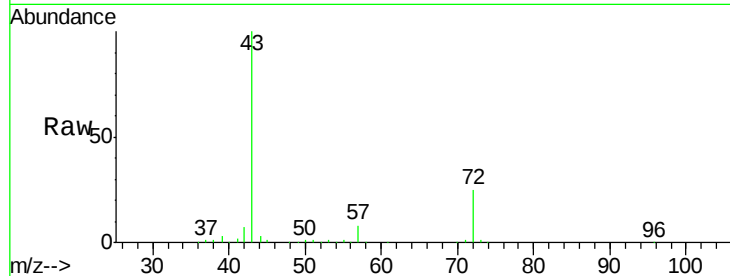
72 25.3 20.0 30.0

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#26

2,2-Dichloropropane

Concen: 42.07 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX001227.D

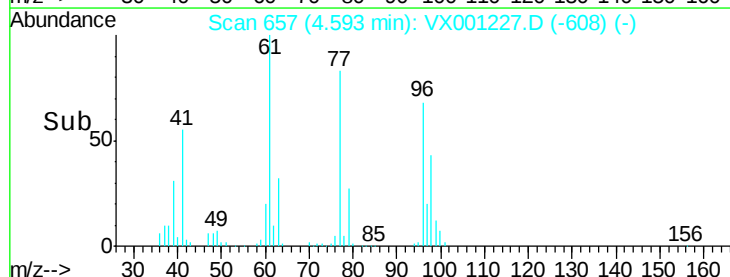
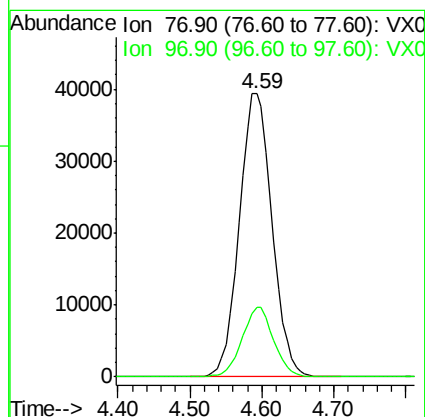
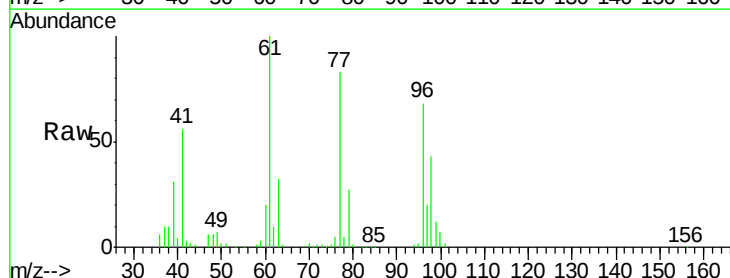
Acq: 28 Apr 2018 21:04

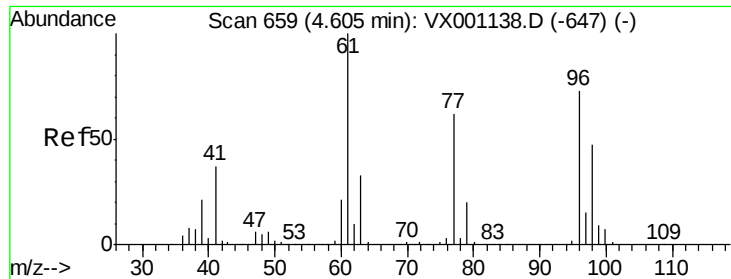
Tgt Ion: 77 Resp: 123936

Ion Ratio Lower Upper

77 100

97 23.8 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 48.17 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001227.D

Acq: 28 Apr 2018 21:04

Tot Ion:	96	Resp:	113764
Ion	Ratio	Lower	Upper
96	100		
61	141.4	0.0	289.0
98	65.6	0.0	128.2

Instrument :

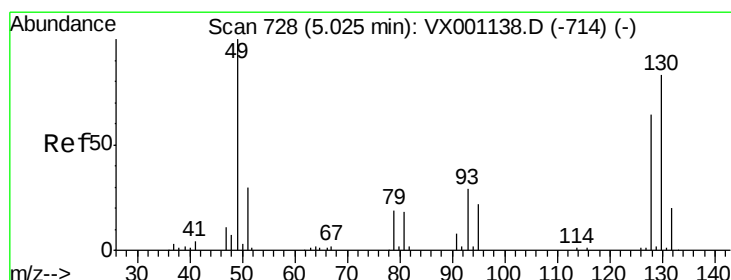
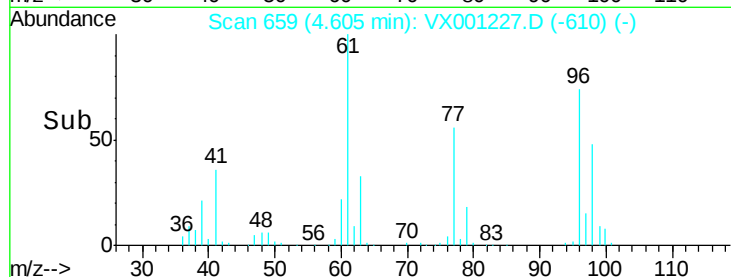
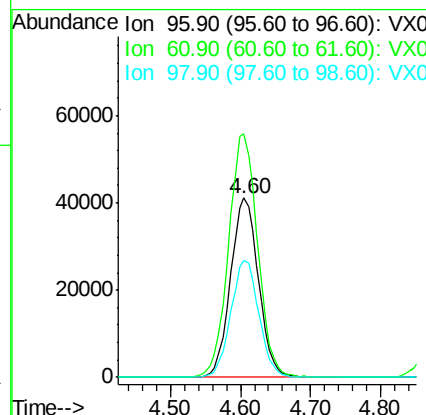
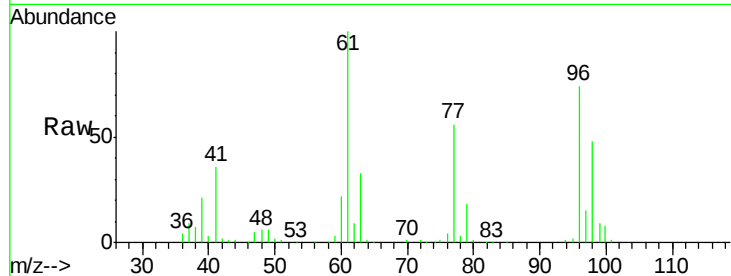
MSVOA_X

ClientSampleId :

VSTDCCC050EC

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#28

Bromochloromethane

Concen: 52.44 ug/l

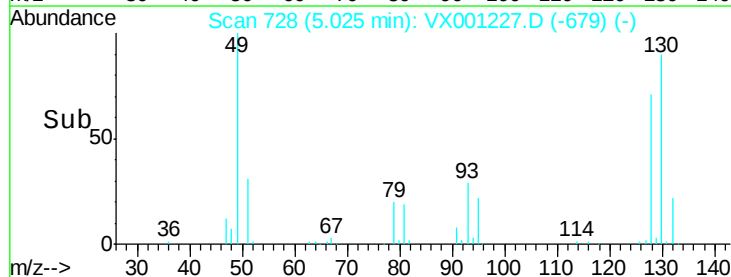
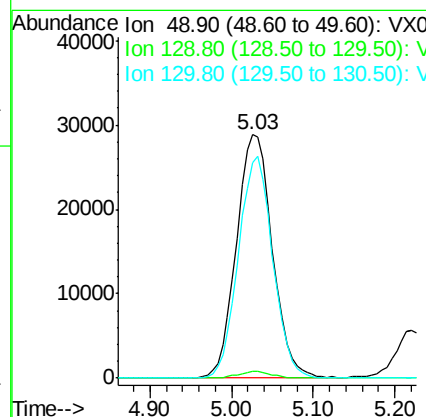
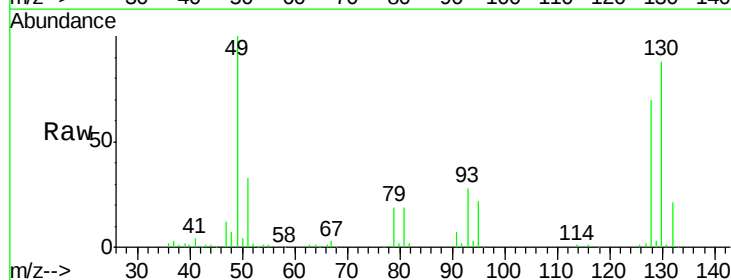
RT: 5.03 min Scan# 728

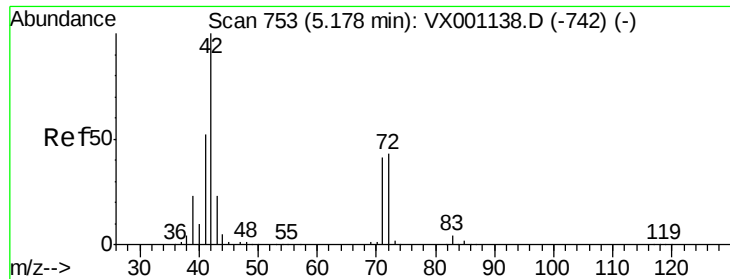
Delta R.T. 0.00 min

Lab File: VX001227.D

Acq: 28 Apr 2018 21:04

Tgt Ion:	49	Resp:	88003
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.6
130	87.1	68.2	102.2





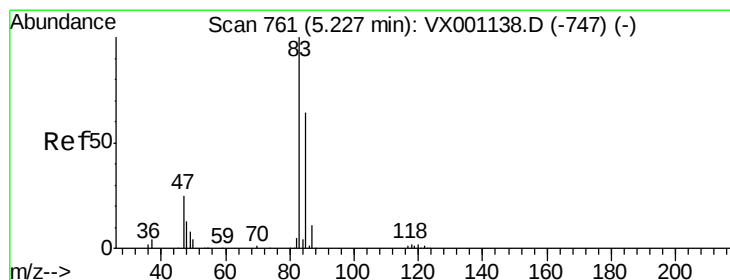
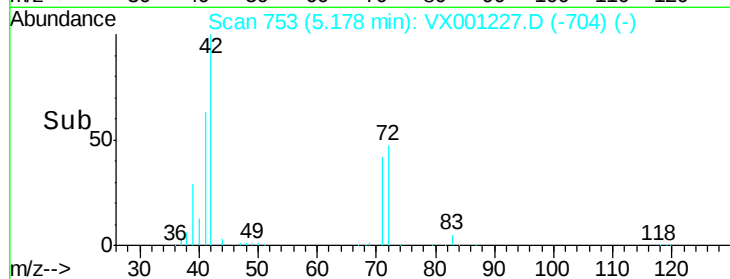
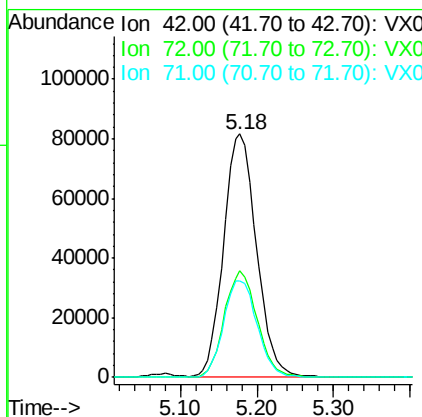
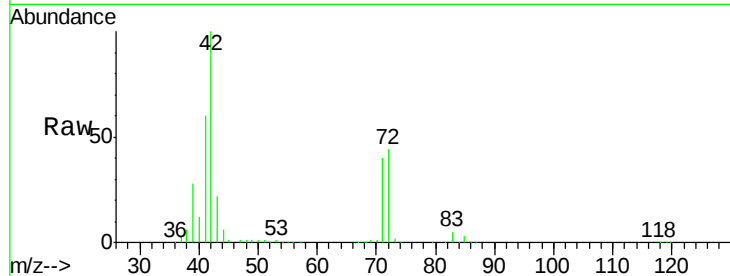
#29
Tetrahydrofuran
Concen: 204.63 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX001227.D
Acq: 28 Apr 2018 21:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
42	100			
72	43.9	34.4	51.6	
71	40.9	32.1	48.1	

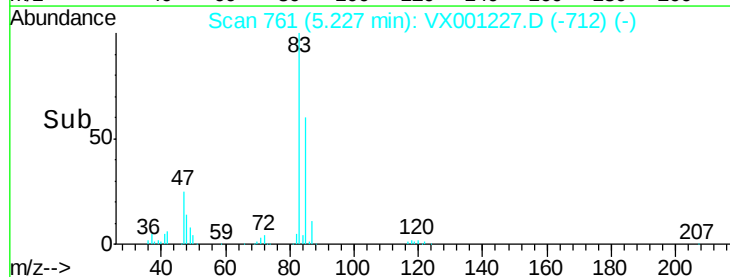
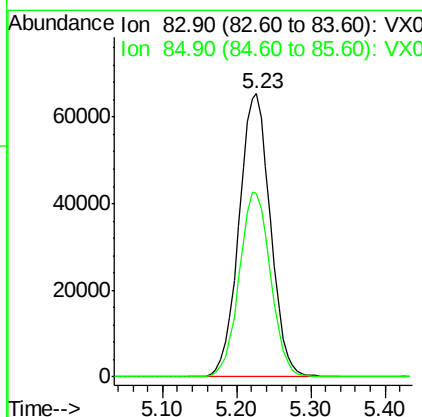
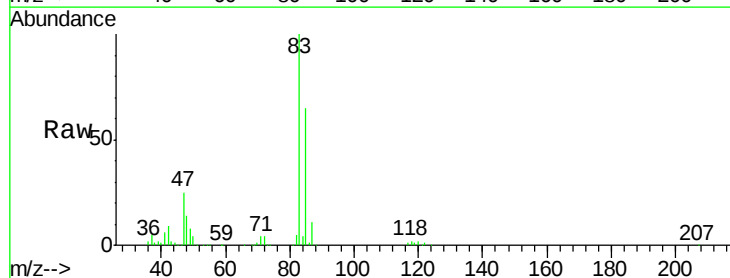
Manual Integrations
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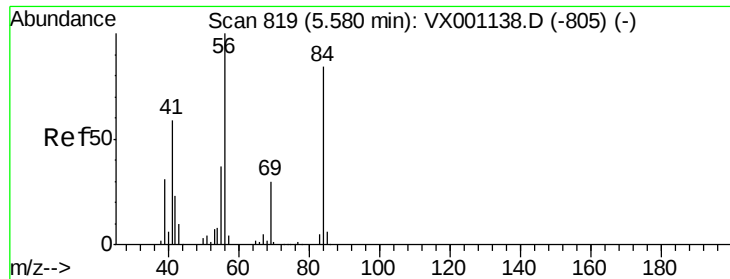
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#30
Chloroform
Concen: 48.56 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX001227.D
Acq: 28 Apr 2018 21:04

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
85	65.0	51.4	77.0	





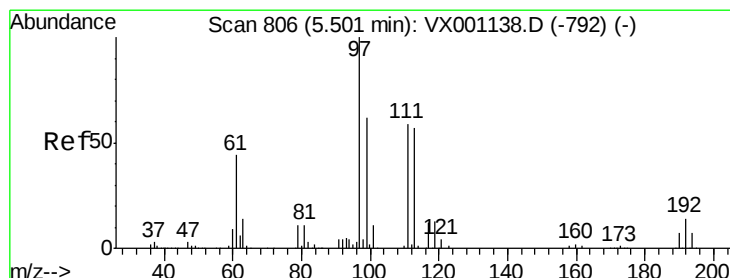
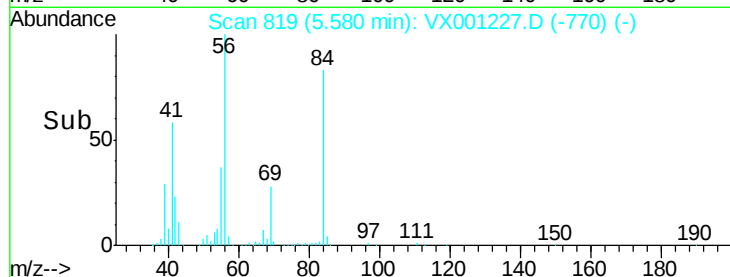
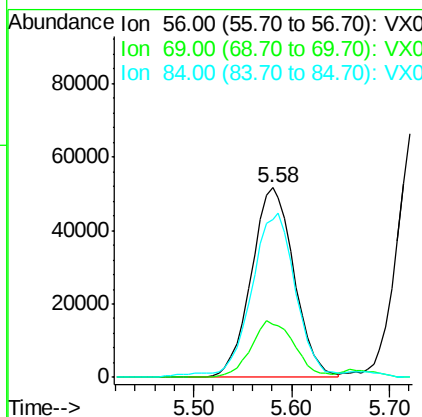
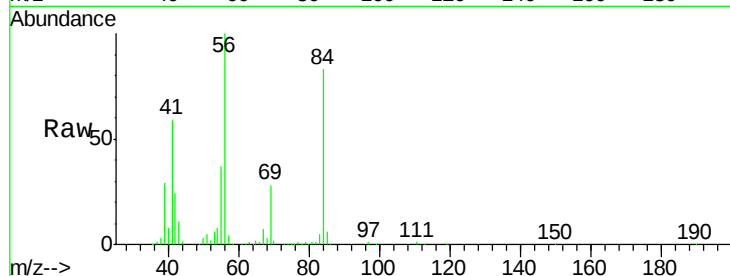
#31
Cyclohexane
Concen: 49.33 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.00 min
Lab File: VX001227.D
Acq: 28 Apr 2018 21:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	27.7	24.2	36.2
84	81.6	67.5	101.3

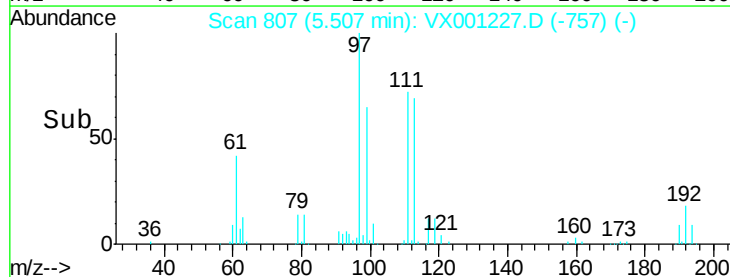
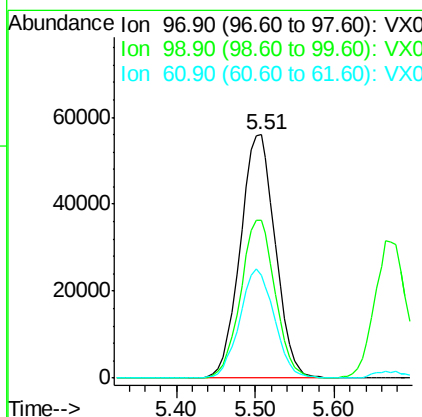
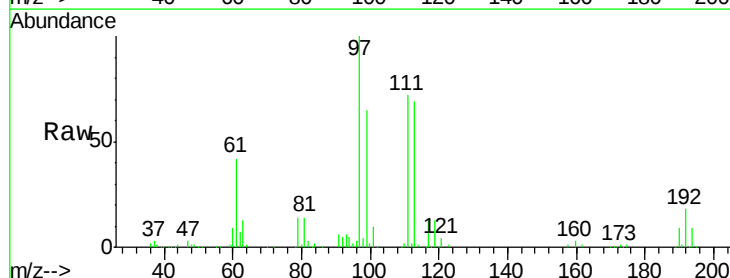
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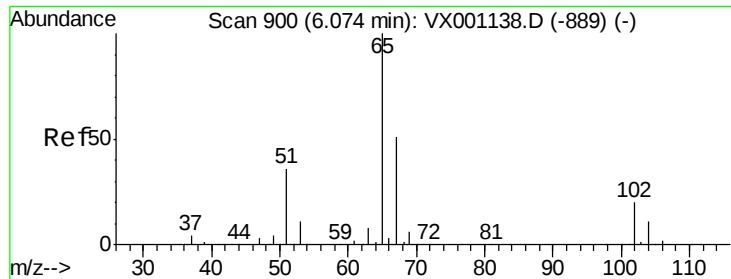
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#32
1,1,1-Trichloroethane
Concen: 50.28 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.01 min
Lab File: VX001227.D
Acq: 28 Apr 2018 21:04

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	50.9	76.3
61	44.3	35.0	52.6





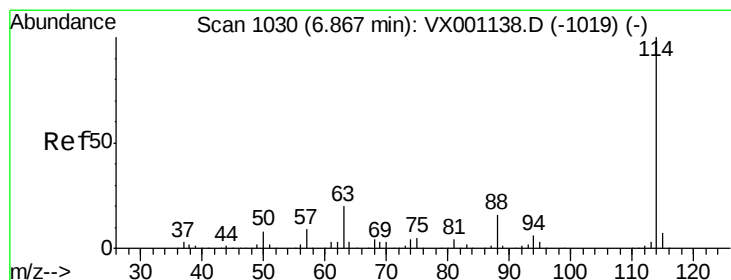
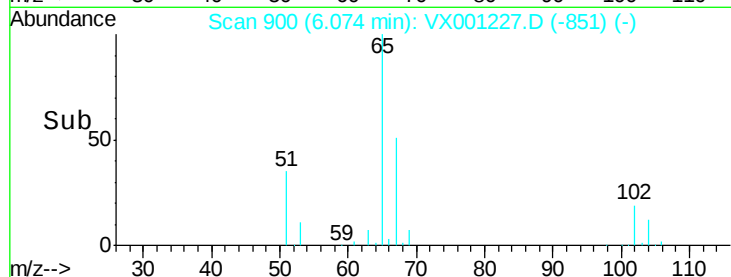
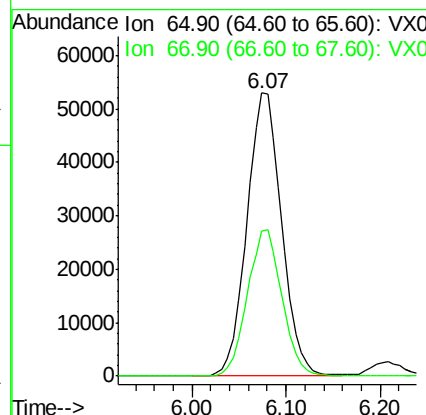
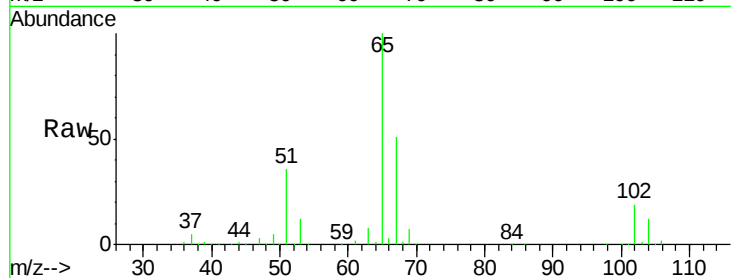
#33
 1,2-Dichloroethane-d4
 Concen: 45.80 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001227.D
 Acq: 28 Apr 2018 21:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	136969		
67	51.5	0.0	102.2	

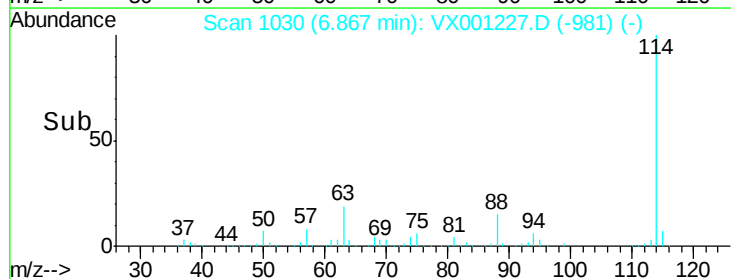
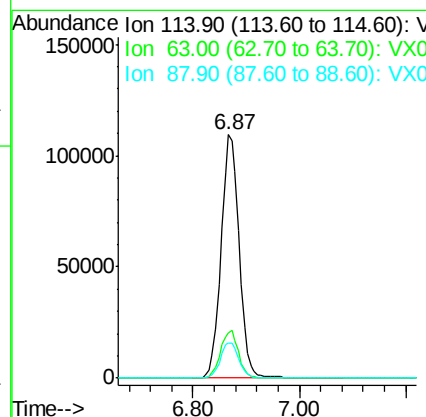
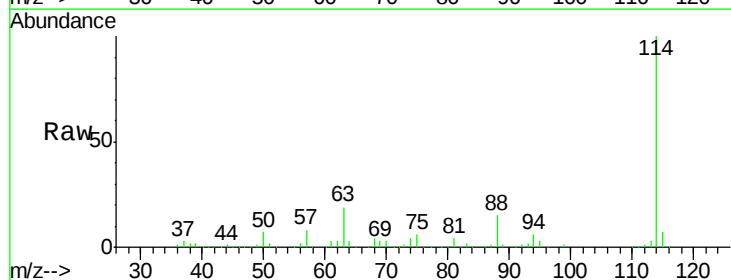
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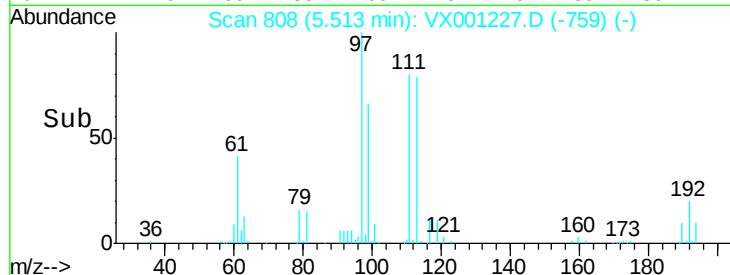
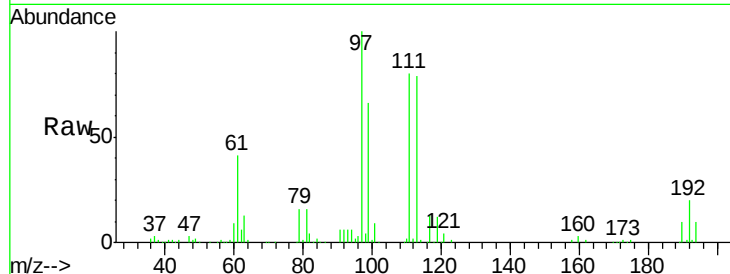
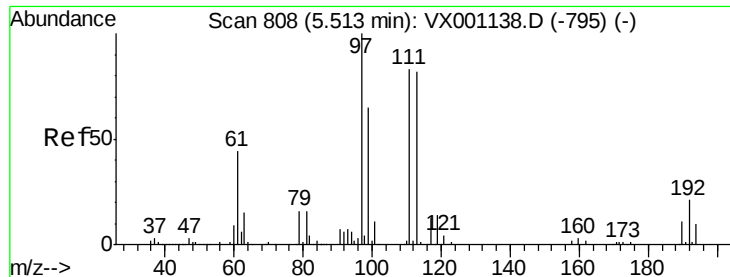
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001227.D
 Acq: 28 Apr 2018 21:04

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	259995		
63	18.5	0.0	40.4	
88	14.5	0.0	31.8	





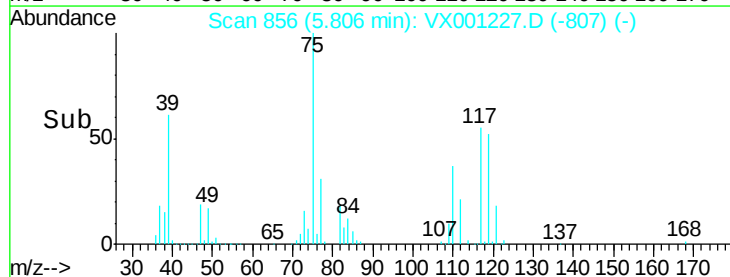
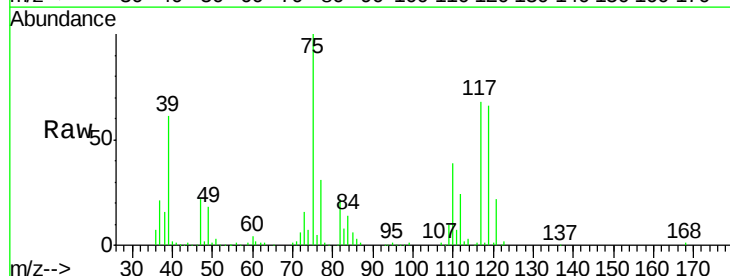
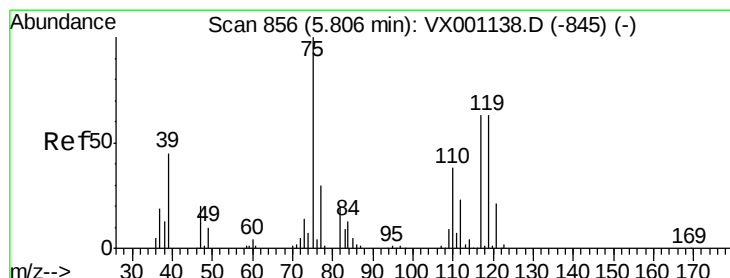
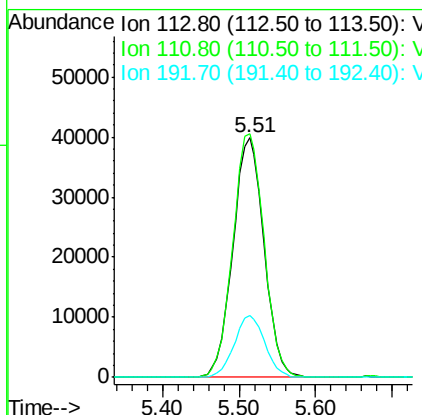
#35
Dibromofluoromethane
Concen: 52.07 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.00 min
Lab File: VX001227.D
Acq: 28 Apr 2018 21:04

Tot Ion	Ratio	Resp	Lower	Upper
113	100	112043		
111	102.4	82.2	123.4	
192	25.5	20.6	30.8	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

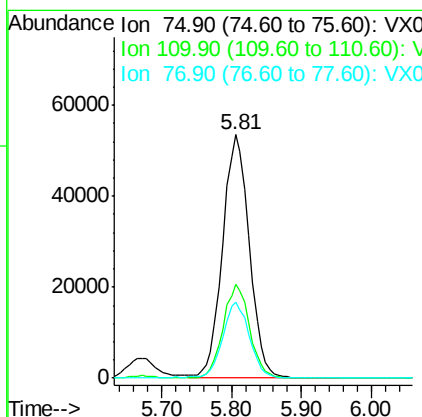
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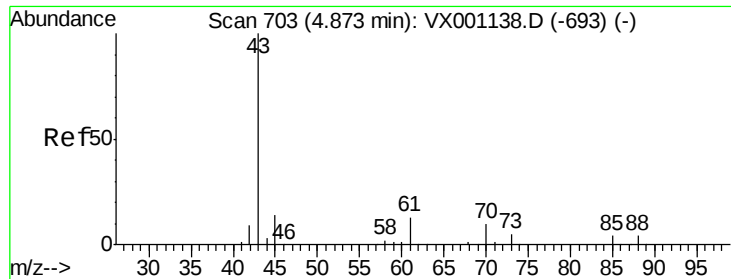
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#36
1,1-Dichloropropene
Concen: 49.82 ug/l
RT: 5.81 min Scan# 856
Delta R.T. 0.00 min
Lab File: VX001227.D
Acq: 28 Apr 2018 21:04

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	142745		
110	37.8	19.0	57.0	
77	31.1	24.8	37.2	





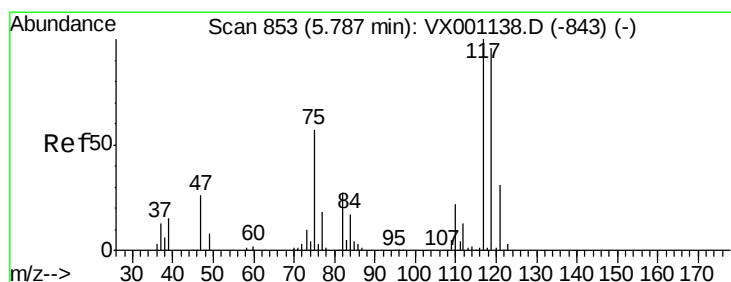
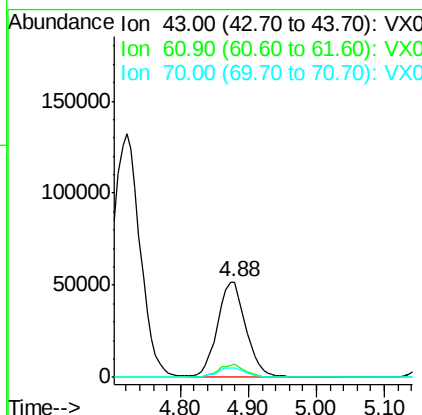
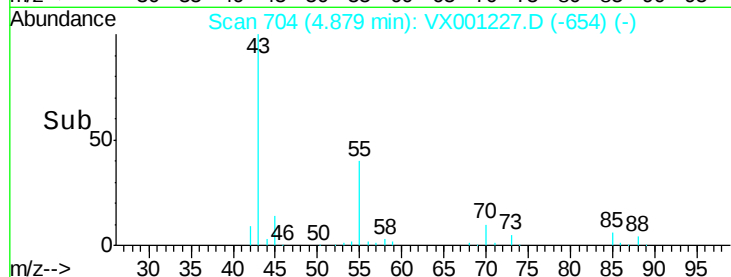
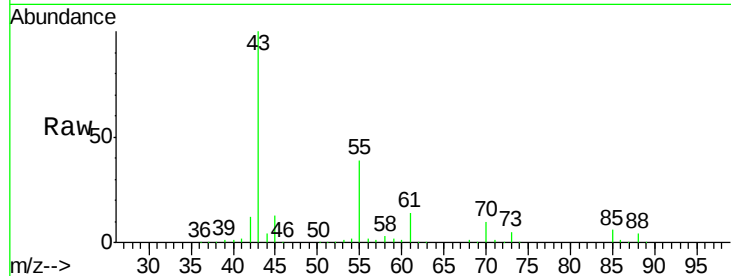
#37
Ethyl Acetate
Concen: 43.81 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX001227.D
Acq: 28 Apr 2018 21:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.0	16.6
70	10.2	8.2	12.2

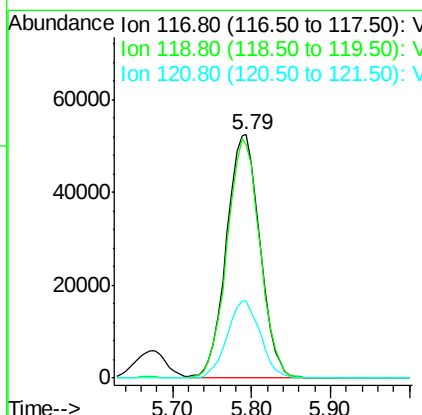
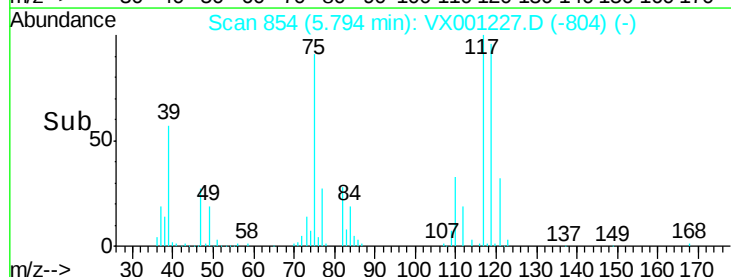
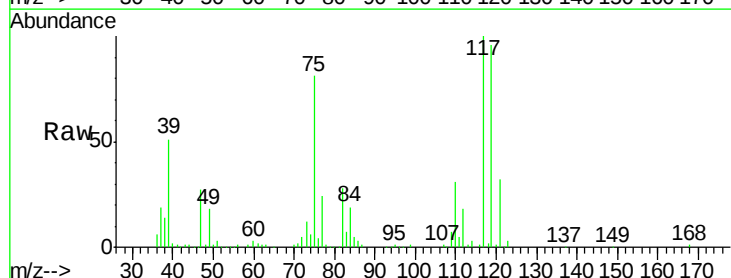
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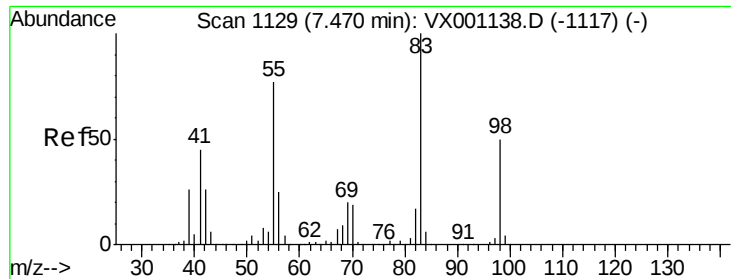
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#38
Carbon Tetrachloride
Concen: 52.79 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.01 min
Lab File: VX001227.D
Acq: 28 Apr 2018 21:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.5	114.7
121	31.8	24.6	37.0





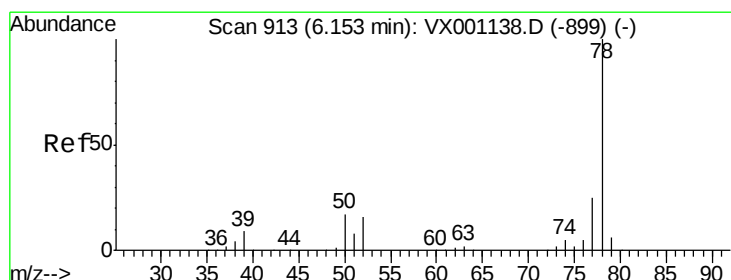
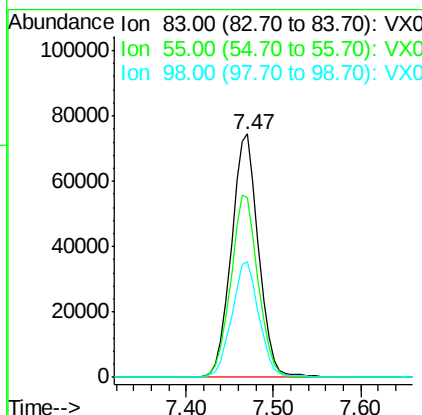
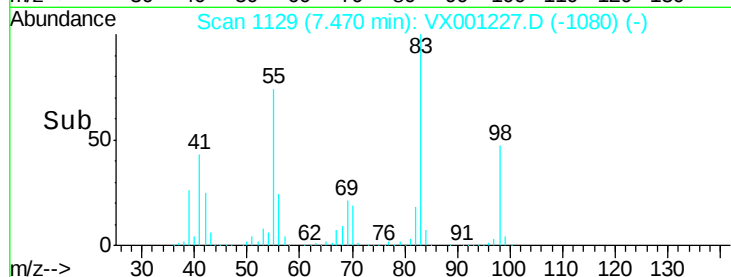
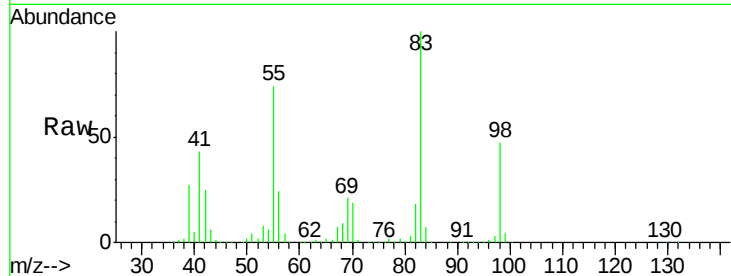
#39
Methvlcvclohexane
Concen: 50.62 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX001227.D
Acq: 28 Apr 2018 21:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	160516		
55	73.5	61.8	92.6	
98	47.2	40.0	60.0	

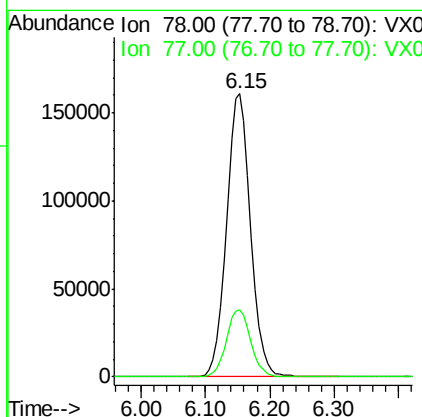
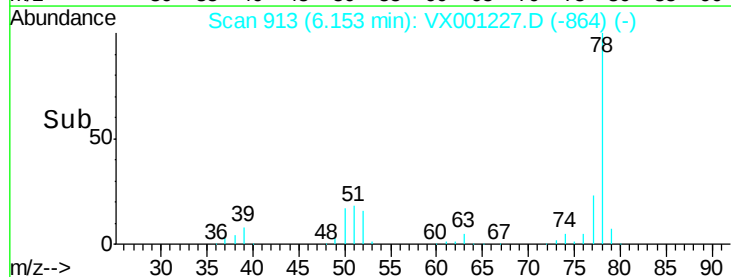
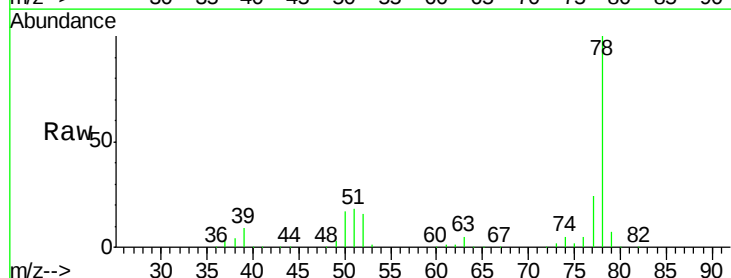
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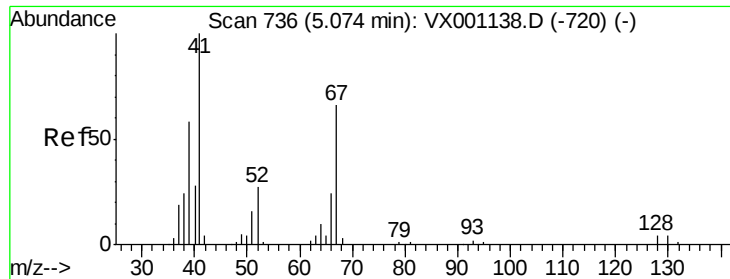
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#40
Benzene
Concen: 50.77 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX001227.D
Acq: 28 Apr 2018 21:04

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	420776		
77	23.9	19.7	29.5	





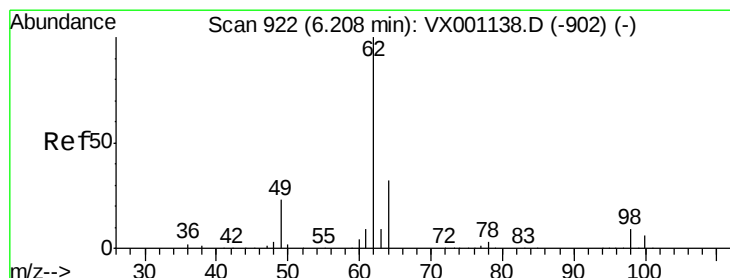
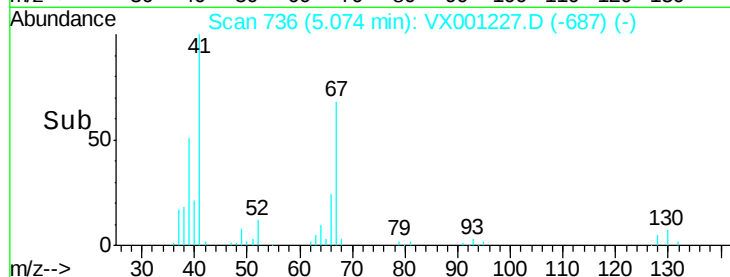
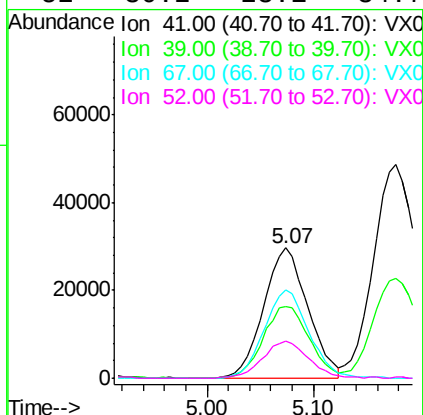
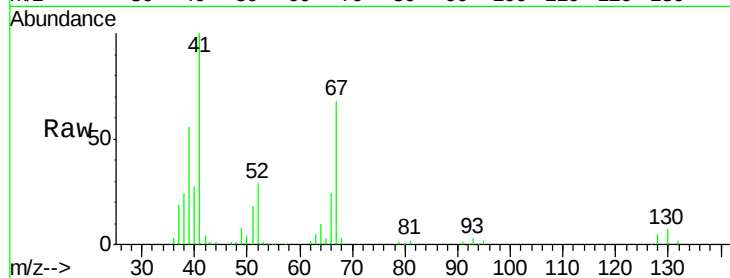
#41
Methacrylonitrile
Concen: 44.12 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX001227.D
Acq: 28 Apr 2018 21:04

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion:	41	Resp:	85057
Ion Ratio	Lower	Upper	
41	100		
39	57.1	45.9	68.9
67	68.7	53.2	79.8
52	30.2	23.1	34.7

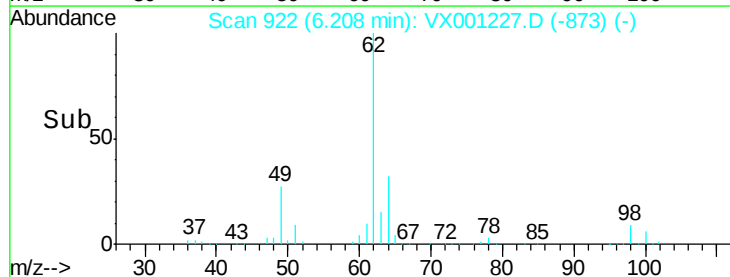
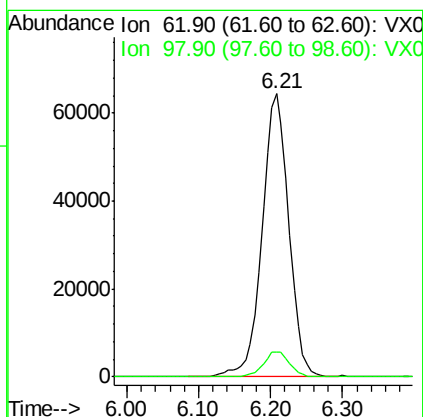
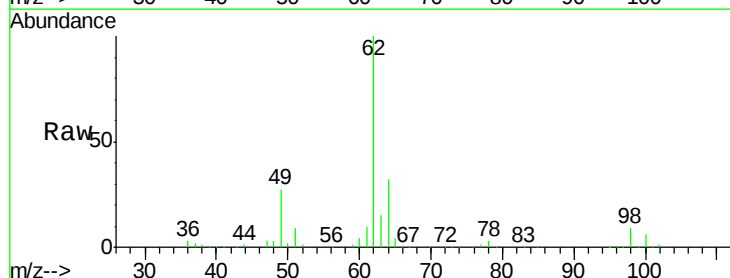
Manual Integrations
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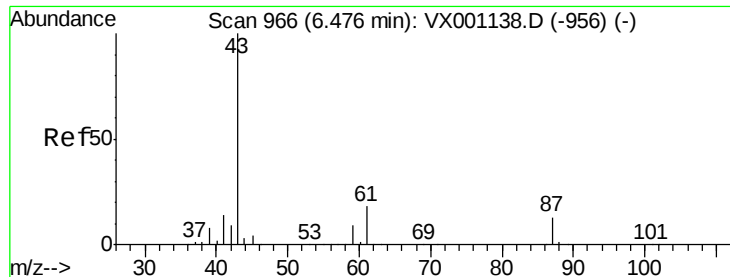
apatel
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#42
1,2-Dichloroethane
Concen: 49.38 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX001227.D
Acq: 28 Apr 2018 21:04

Tgt Ion:	62	Resp:	164928
Ion Ratio	Lower	Upper	
62	100		
98	8.6	0.0	17.0





#43

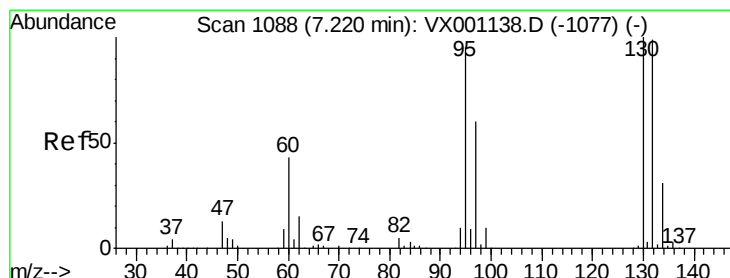
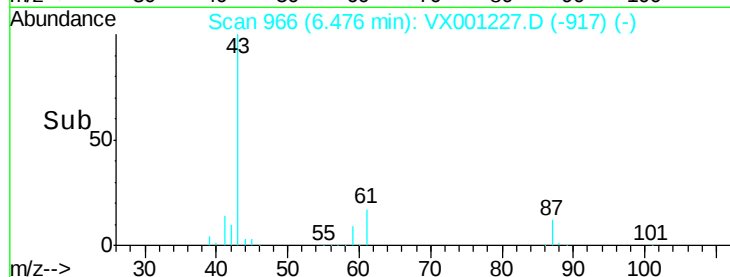
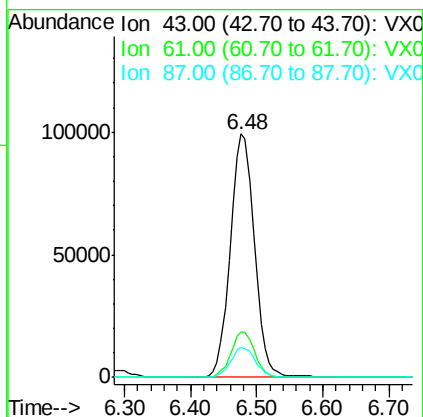
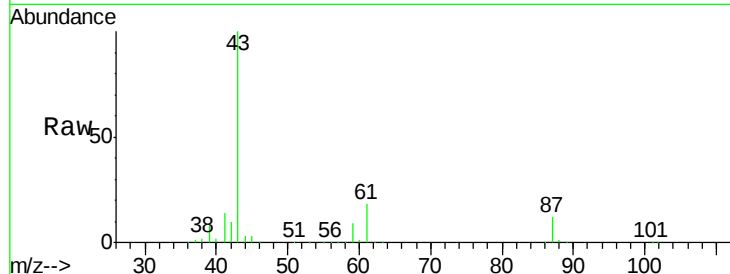
Isopropyl Acetate
 Concen: 46.45 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: VX001227.D
 Acq: 28 Apr 2018 21:04

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Tot Ion:	43	Resp:	250285
Ion	Ratio	Lower	Upper
43	100		
61	18.6	15.0	22.6
87	12.6	10.3	15.5

Manual Integrations
 APPROVED

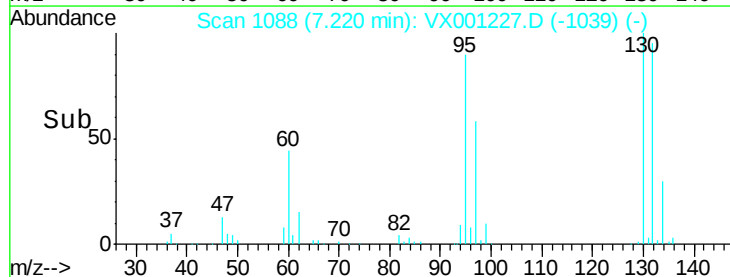
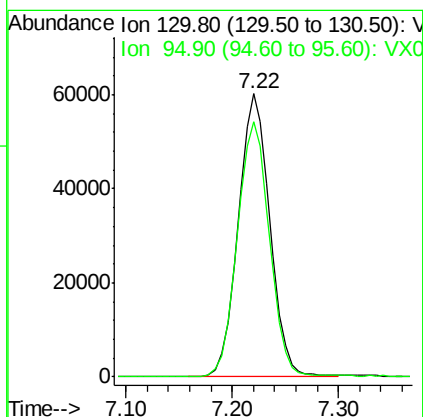
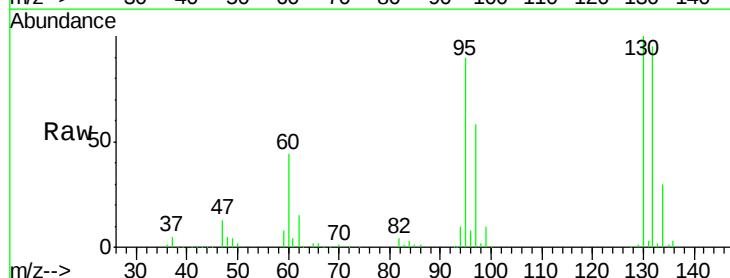
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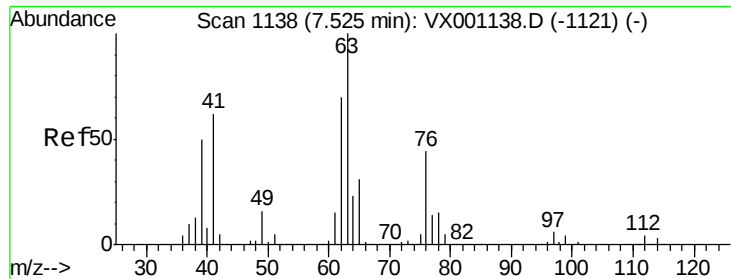


#44

Trichloroethene
 Concen: 50.88 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001227.D
 Acq: 28 Apr 2018 21:04

Tgt Ion:	130	Resp:	125625
Ion	Ratio	Lower	Upper
130	100		
95	90.0	0.0	189.6





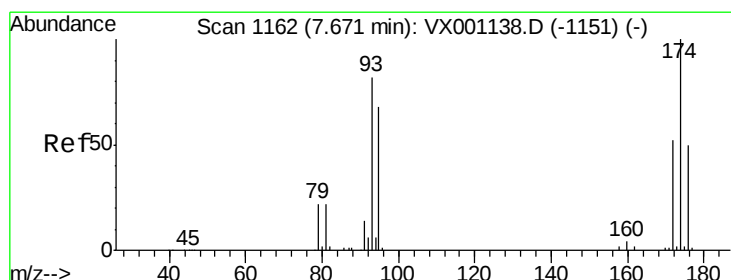
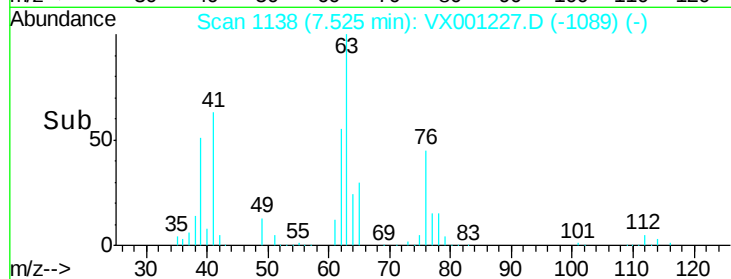
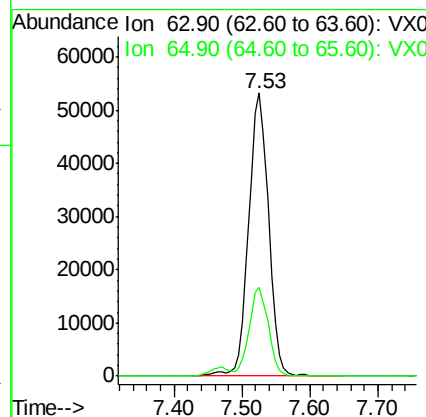
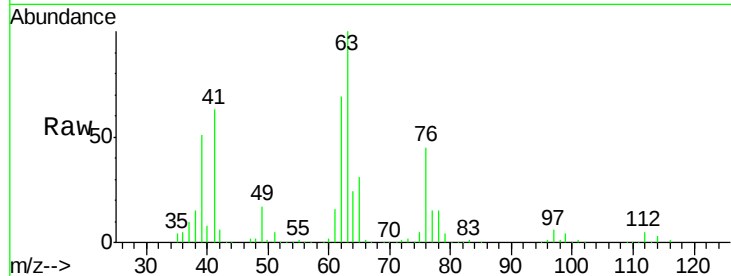
#45
 1,2-Dichloropropane
 Concen: 49.85 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001227.D
 Acq: 28 Apr 2018 21:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.4	24.9	37.3

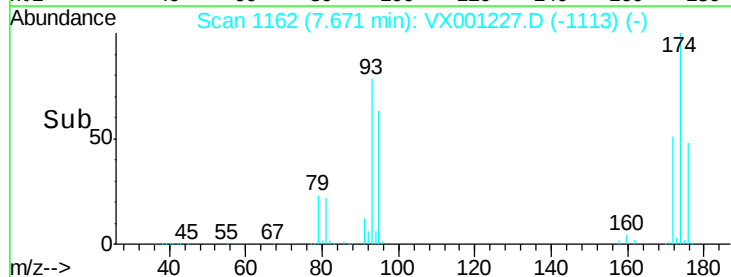
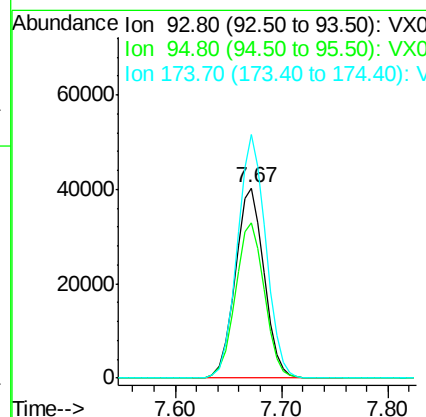
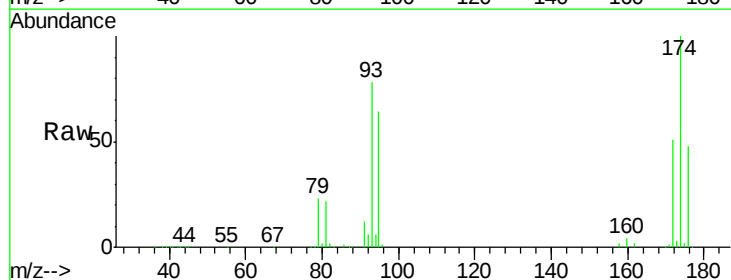
Manual Integrations
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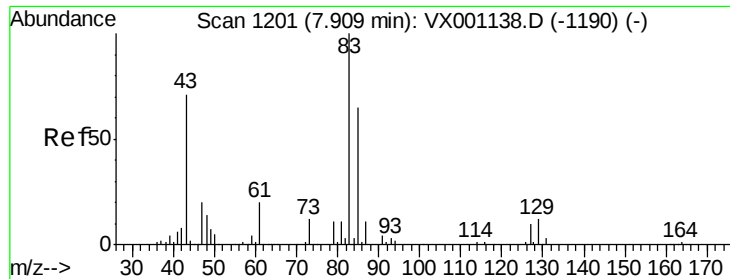
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#46
 Dibromomethane
 Concen: 50.62 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX001227.D
 Acq: 28 Apr 2018 21:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.3	66.4	99.6
174	126.7	99.6	149.4





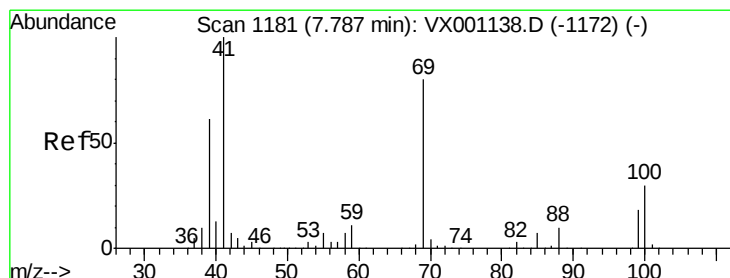
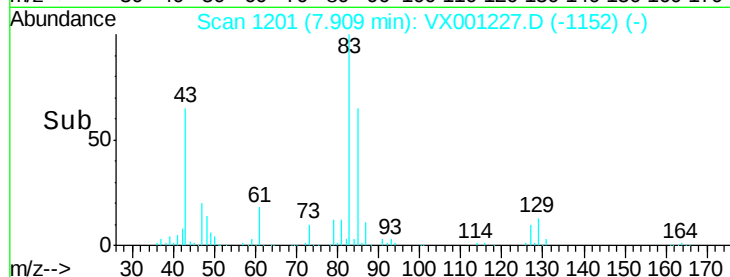
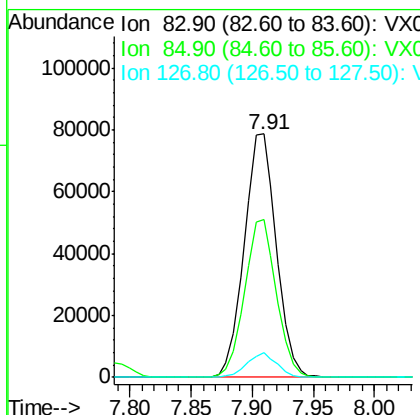
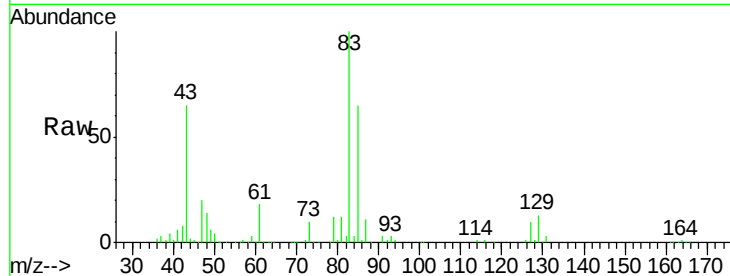
#47
Bromodichloromethane
Concen: 52.41 ug/l
RT: 7.91 min Scan# 1201
Delta R.T. 0.00 min
Lab File: VX001227.D
Acq: 28 Apr 2018 21:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.9	77.9
127	10.0	7.7	11.5

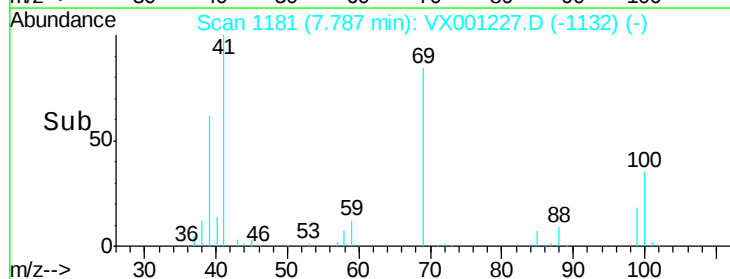
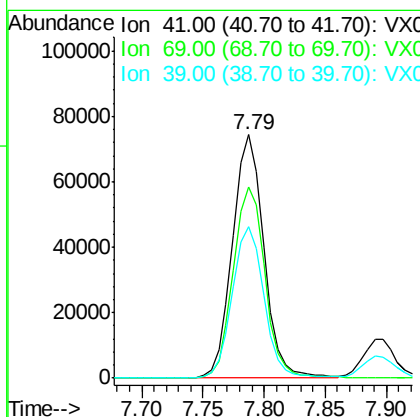
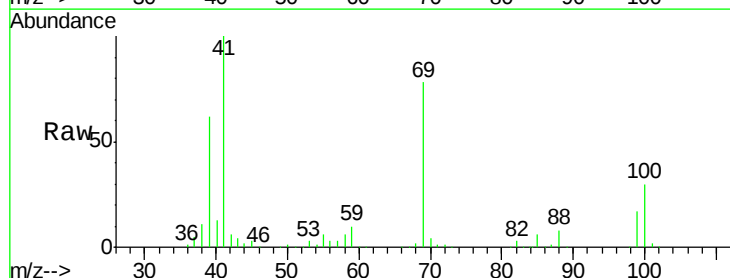
Manual Integrations
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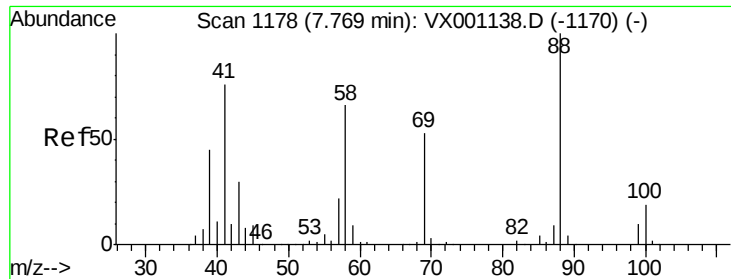
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#48
Methyl methacrylate
Concen: 45.98 ug/l
RT: 7.79 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VX001227.D
Acq: 28 Apr 2018 21:04

Tgt Ion	Ratio	Lower	Upper
41	100		
69	80.2	62.4	93.6
39	62.9	48.7	73.1





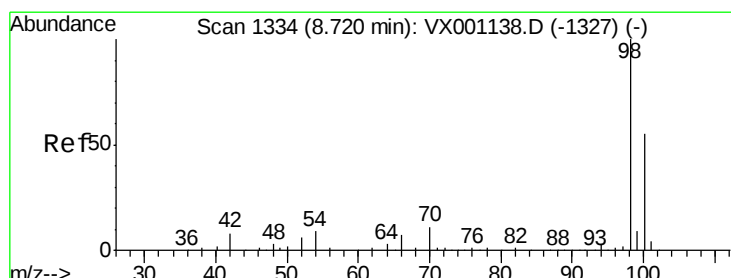
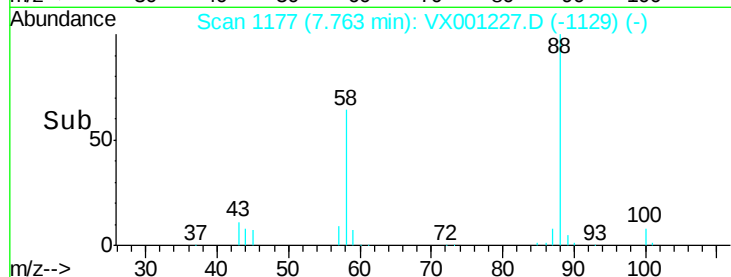
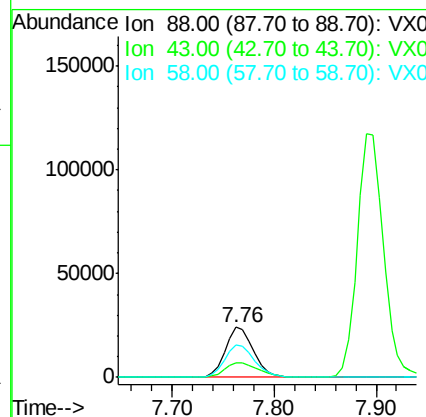
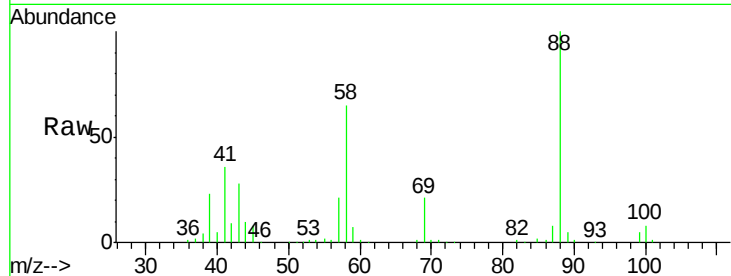
#49
 1,4-Dioxane
 Concen: 801.84 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: VX001227.D
 Acq: 28 Apr 2018 21:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.1	27.3	40.9
58	69.0	54.2	81.4

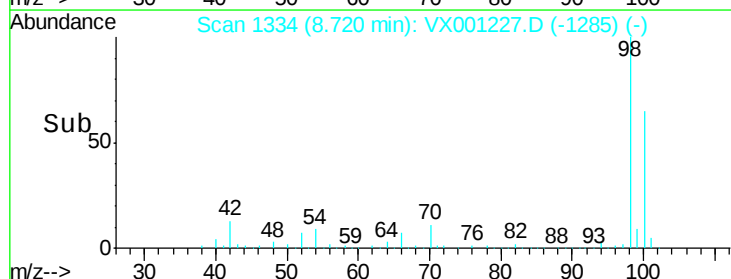
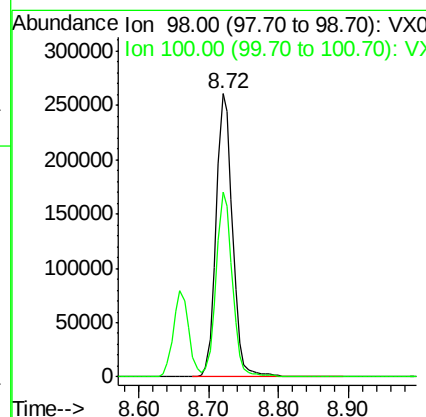
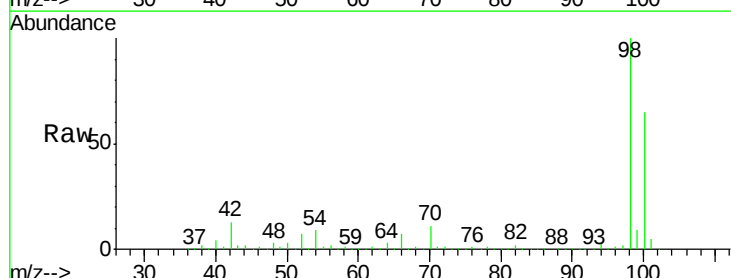
Manual Integrations
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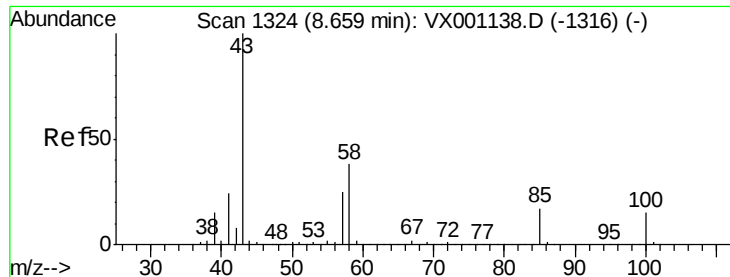
apatel
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#50
 Toluene-d8
 Concen: 52.32 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX001227.D
 Acq: 28 Apr 2018 21:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.8	77.6





#51

4-Methyl-2-Pentanone

Concen: 233.76 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001227.D

Acq: 28 Apr 2018 21:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 827399

Ion Ratio Lower Upper

43 100

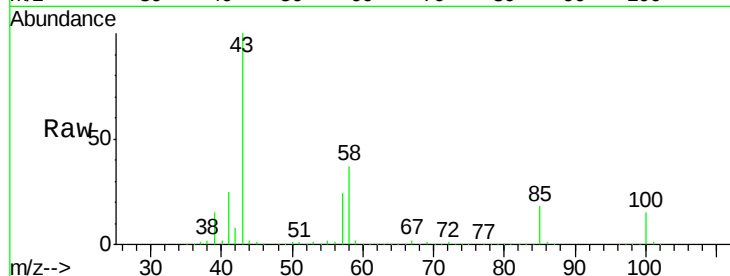
58 36.2 30.2 45.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

600000

500000

400000

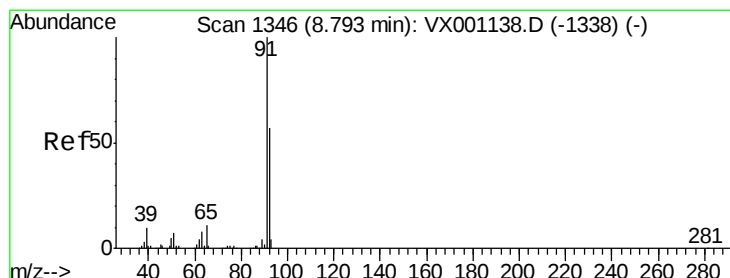
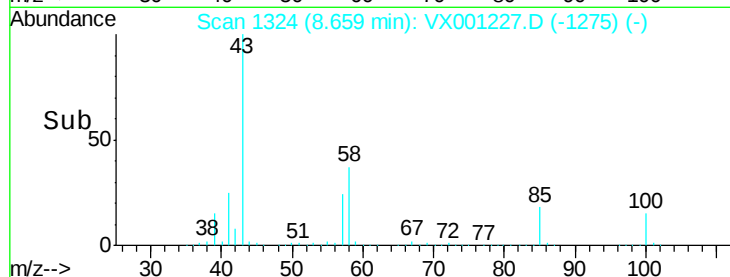
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 51.64 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX001227.D

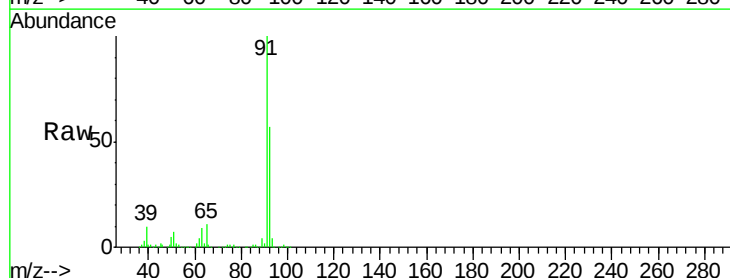
Acq: 28 Apr 2018 21:04

Tgt Ion: 92 Resp: 279875

Ion Ratio Lower Upper

92 100

91 175.4 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

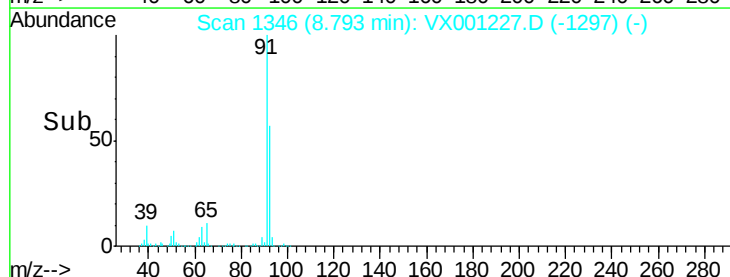
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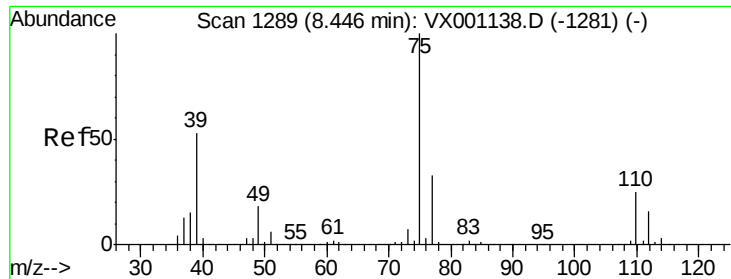
200000

100000

0

Time-->





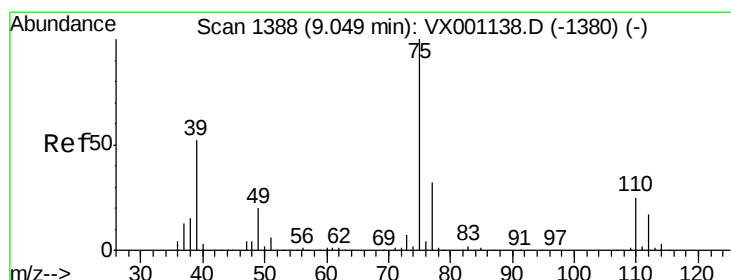
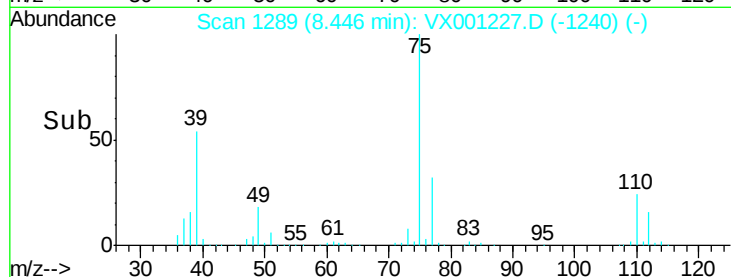
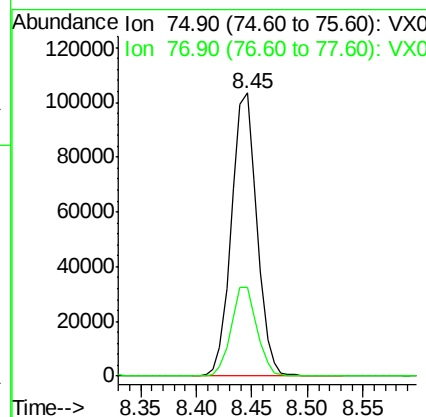
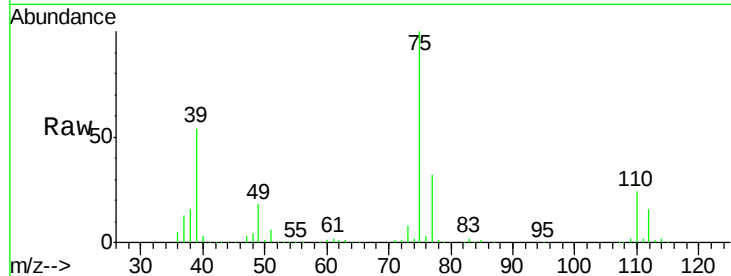
#53
t-1,3-Dichloropropene
Concen: 51.39 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VX001227.D
Acq: 28 Apr 2018 21:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	26.2	39.4

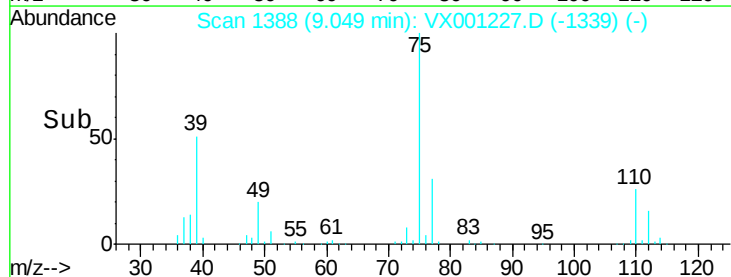
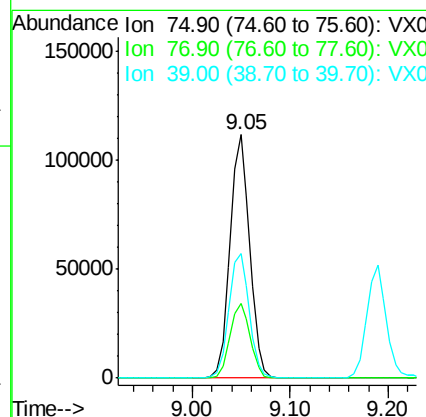
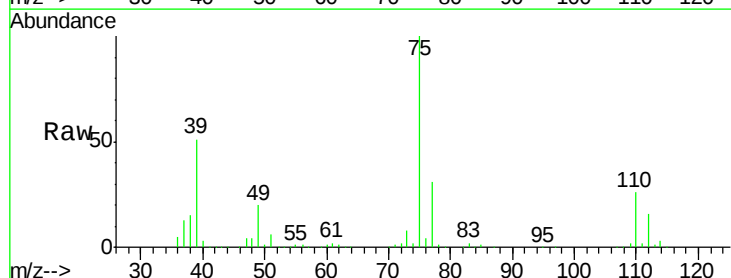
Manual Integrations
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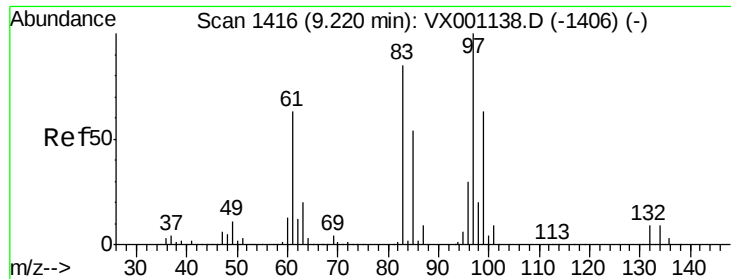
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#54
cis-1,3-Dichloropropene
Concen: 45.31 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX001227.D
Acq: 28 Apr 2018 21:04

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.6	25.4	38.2
39	51.2	42.0	63.0





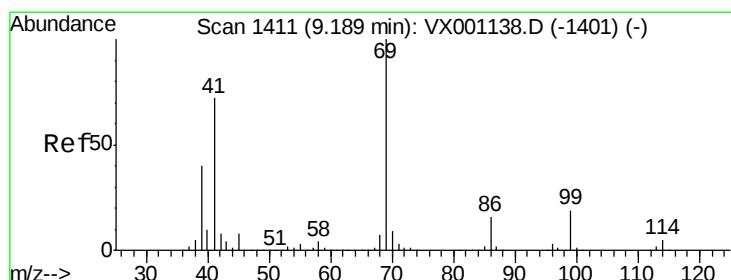
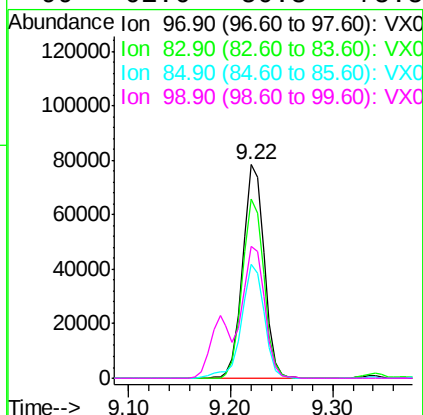
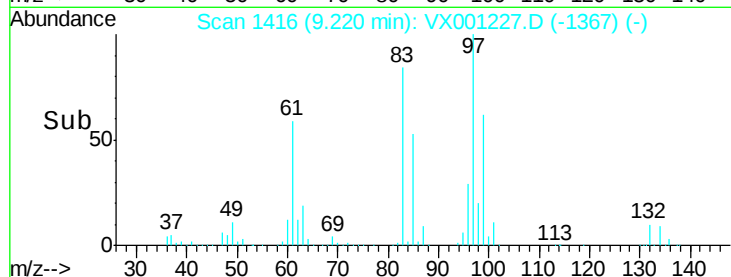
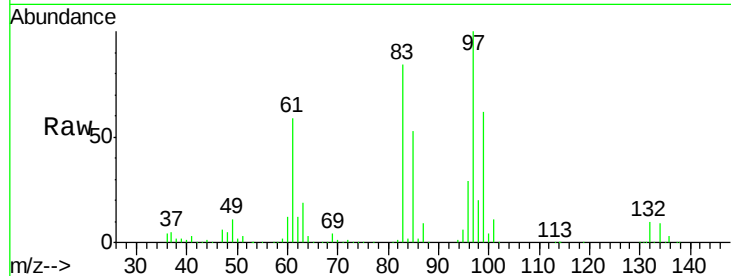
#55
 1,1,2-Trichloroethane
 Concen: 49.98 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001227.D
 Acq: 28 Apr 2018 21:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	114597
Ion	Ratio	Lower	Upper
97	100		
83	83.8	68.0	102.0
85	53.5	42.9	64.3
99	61.6	50.3	75.5

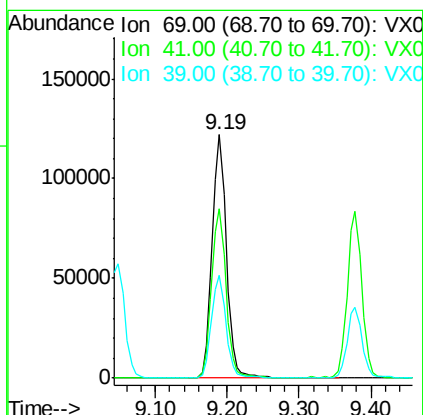
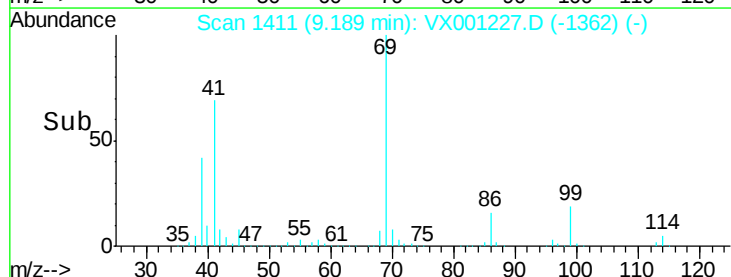
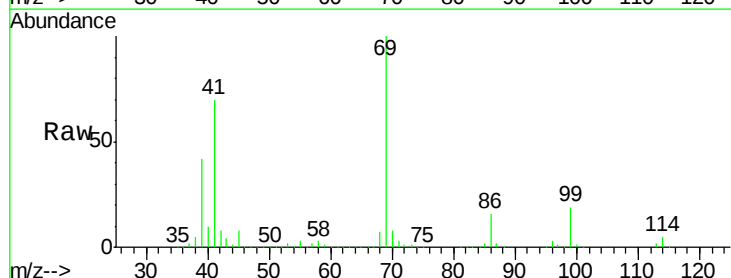
Manual Integrations
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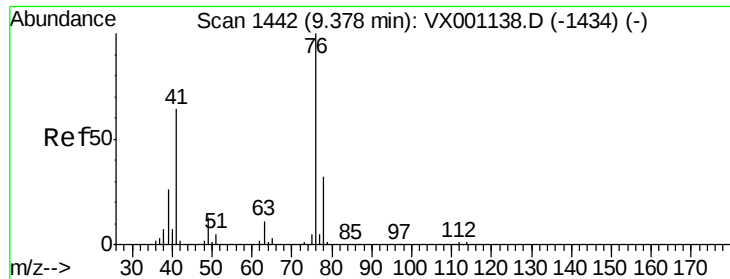
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#56
 Ethyl methacrylate
 Concen: 49.67 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001227.D
 Acq: 28 Apr 2018 21:04

Tgt Ion:	69	Resp:	168763
Ion	Ratio	Lower	Upper
69	100		
41	70.4	57.7	86.5
39	42.4	33.3	49.9





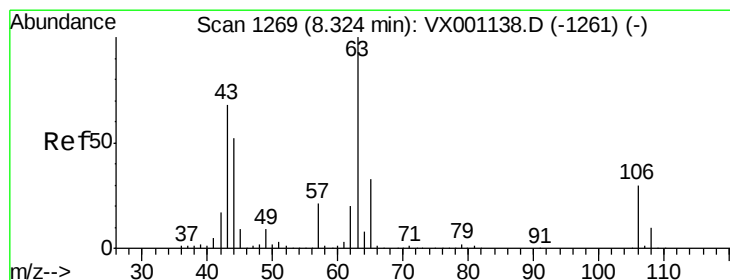
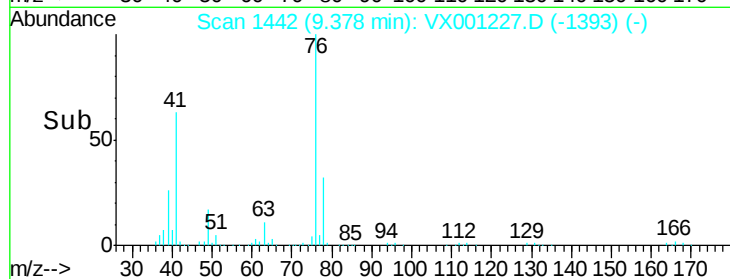
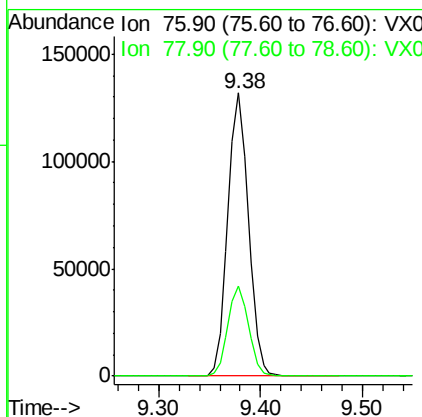
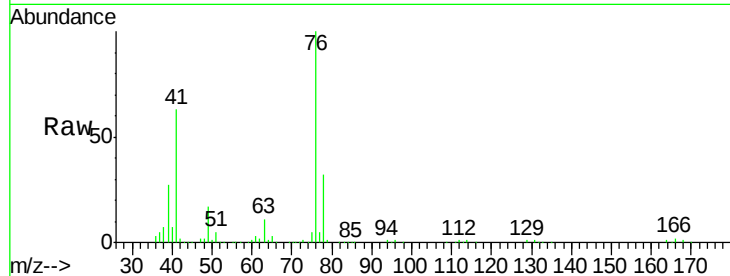
#57
 1,3-Dichloropropane
 Concen: 49.88 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001227.D
 Acq: 28 Apr 2018 21:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.7	26.1	39.1

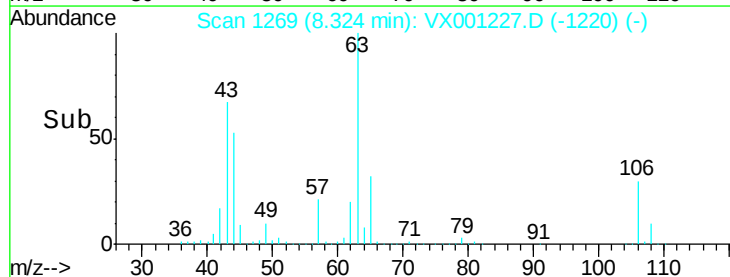
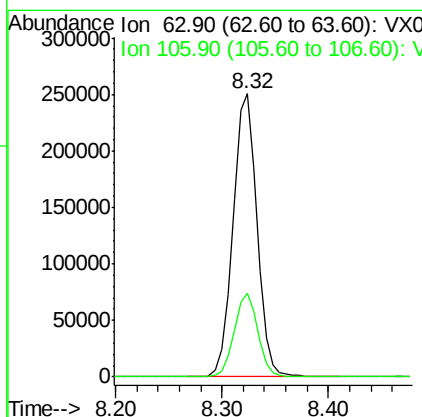
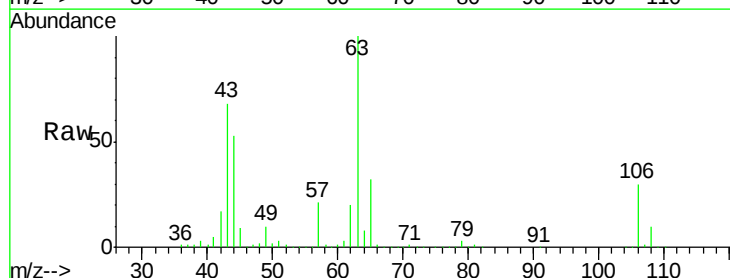
Manual Integrations
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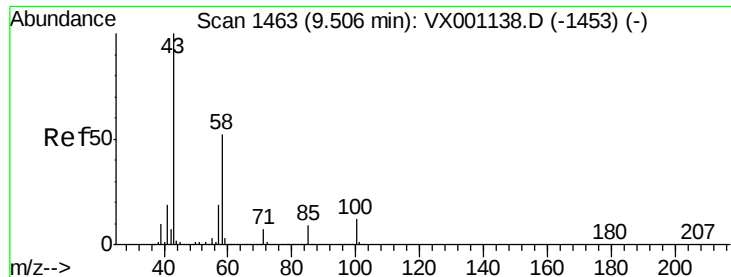
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 245.45 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX001227.D
 Acq: 28 Apr 2018 21:04

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.4	23.7	35.5





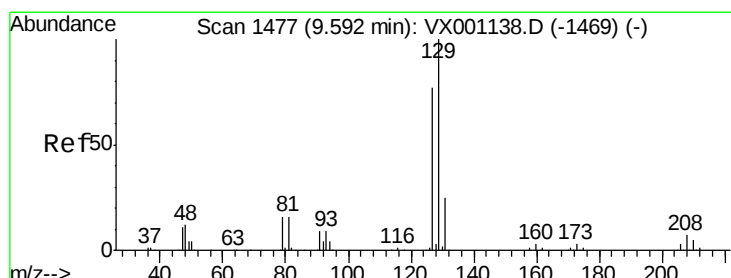
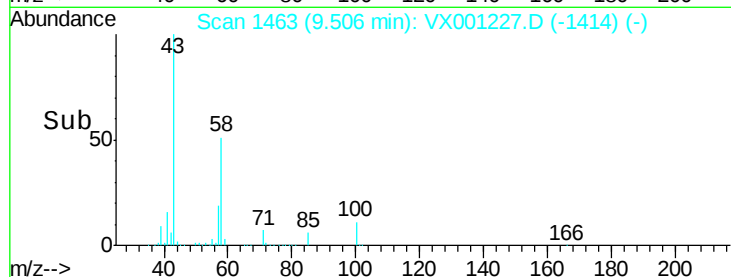
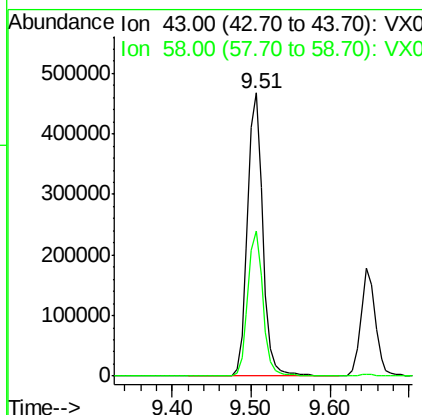
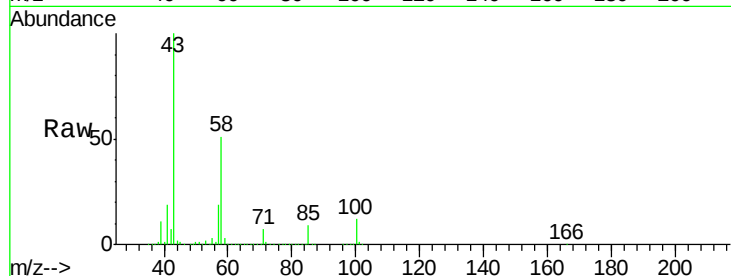
#59
2-Hexanone
Concen: 226.50 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001227.D
Acq: 28 Apr 2018 21:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 628149
Ion Ratio Lower Upper
43 100
58 51.2 25.8 77.4

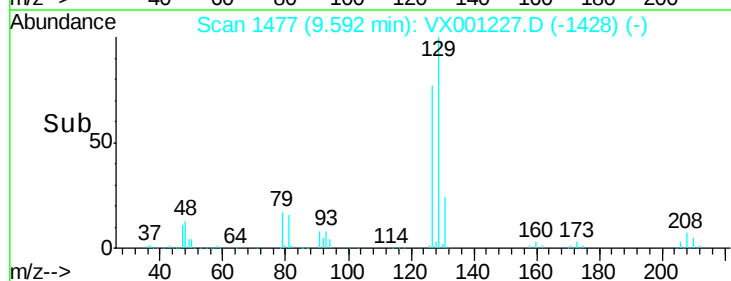
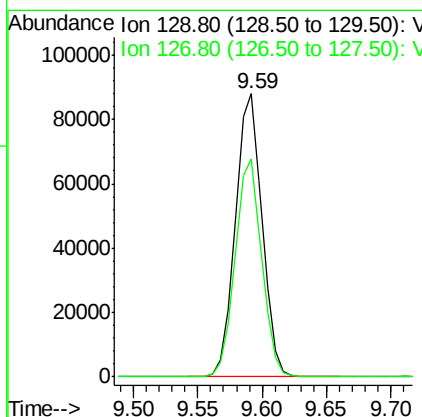
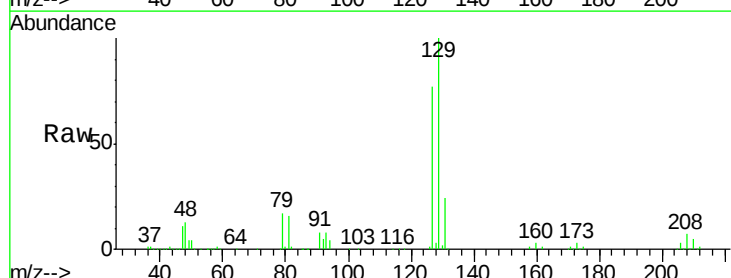
Manual Integrations
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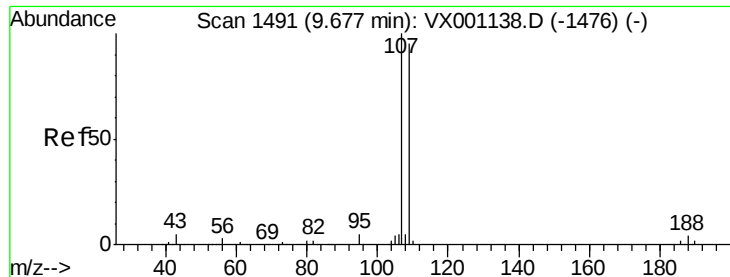
apatel
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#60
Dibromochloromethane
Concen: 47.39 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001227.D
Acq: 28 Apr 2018 21:04

Tgt Ion: 129 Resp: 126446
Ion Ratio Lower Upper
129 100
127 76.7 38.4 115.2





#61

1,2-Dibromoethane

Concen: 51.09 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001227.D

Acq: 28 Apr 2018 21:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 122737

Ion Ratio Lower Upper

107 100

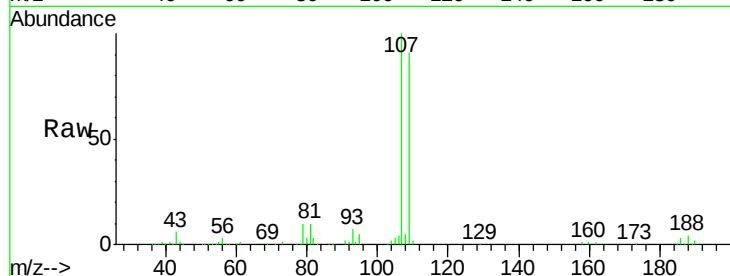
109 94.3 75.2 112.8

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

100000

80000

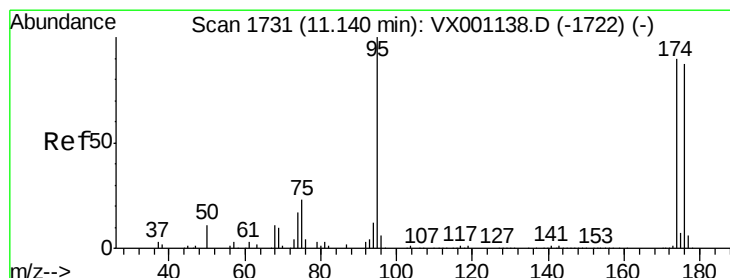
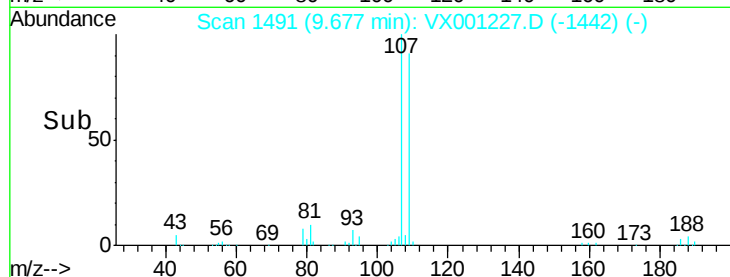
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.04 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001227.D

Acq: 28 Apr 2018 21:04

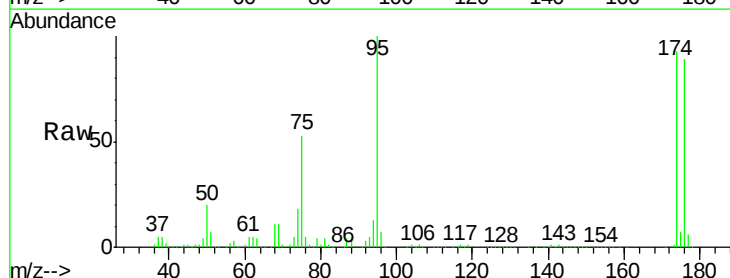
Tgt Ion: 95 Resp: 165113

Ion Ratio Lower Upper

95 100

174 101.2 0.0 194.4

176 98.6 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

11.14

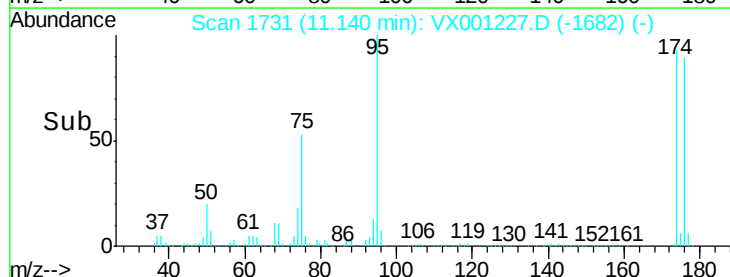
150000

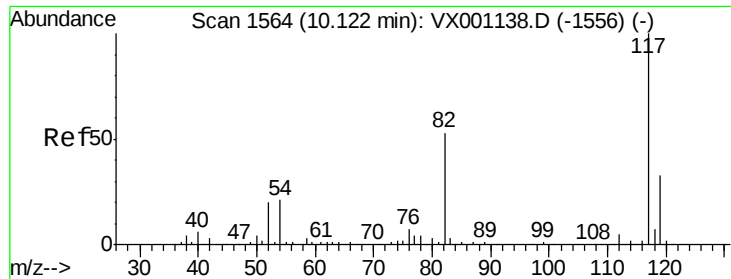
100000

50000

0

Time-->





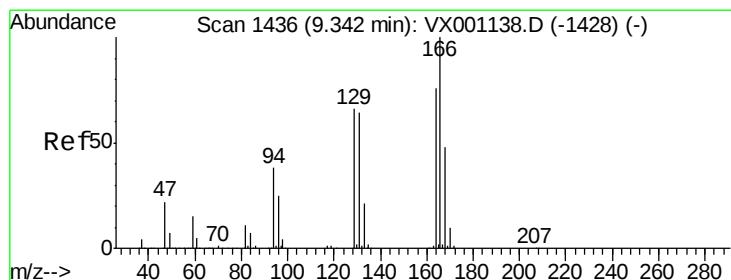
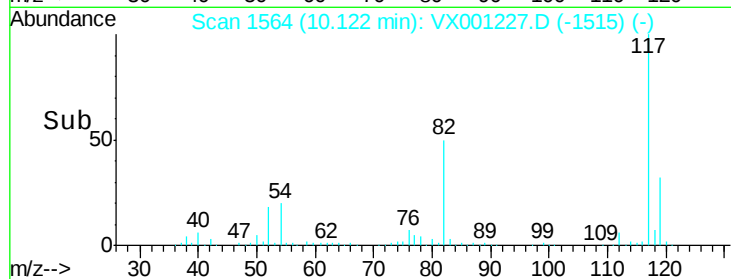
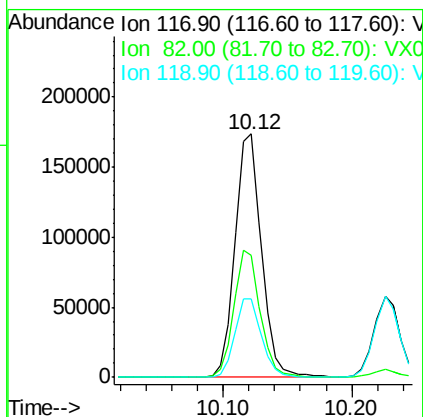
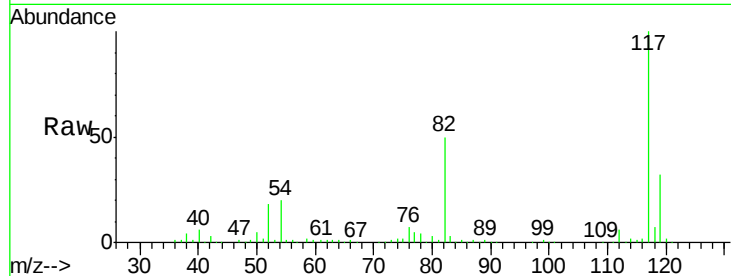
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001227.D
Acq: 28 Apr 2018 21:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.2	42.1	63.1
119	32.2	26.1	39.1

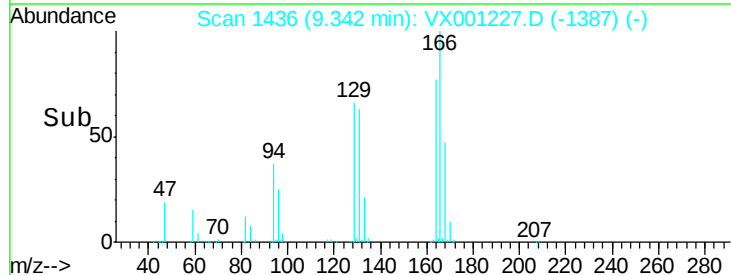
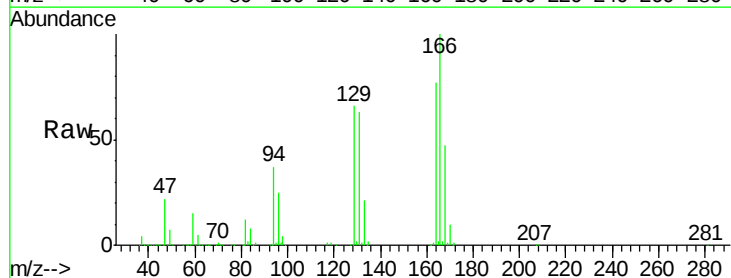
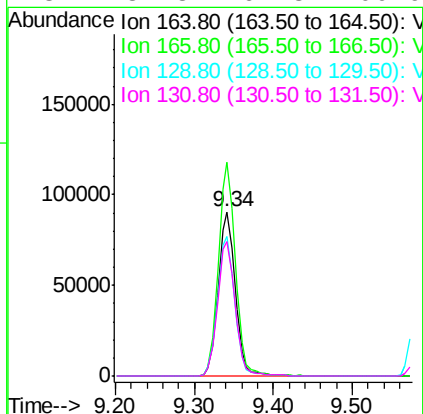
Manual Integrations
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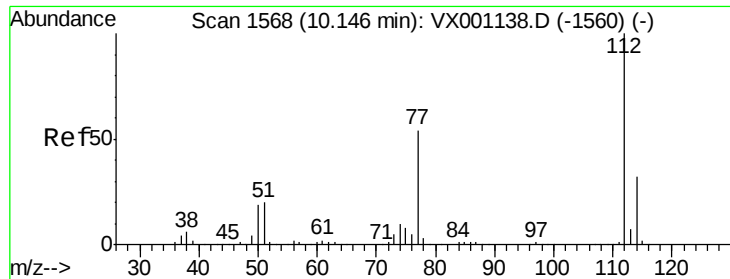
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#64
Tetrachloroethene
Concen: 51.67 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001227.D
Acq: 28 Apr 2018 21:04

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.0	105.0	157.6
129	85.3	69.4	104.2
131	81.8	67.3	100.9





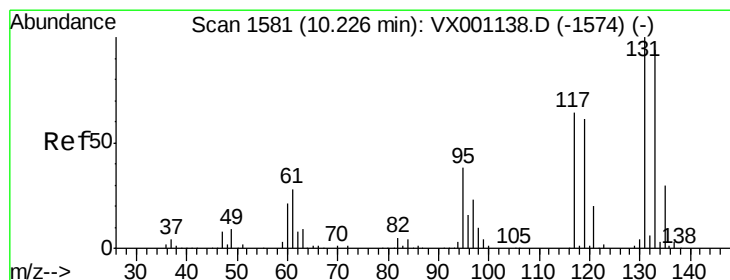
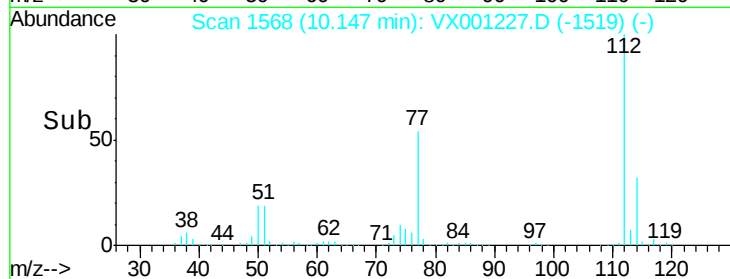
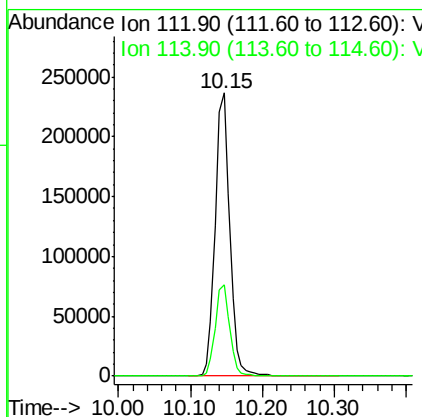
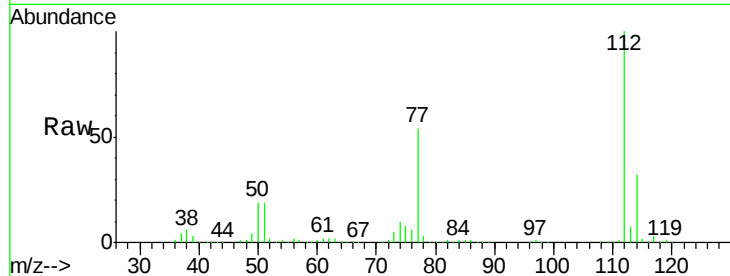
#65
Chlorobenzene
Concen: 50.73 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001227.D
Acq: 28 Apr 2018 21:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 331389
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5

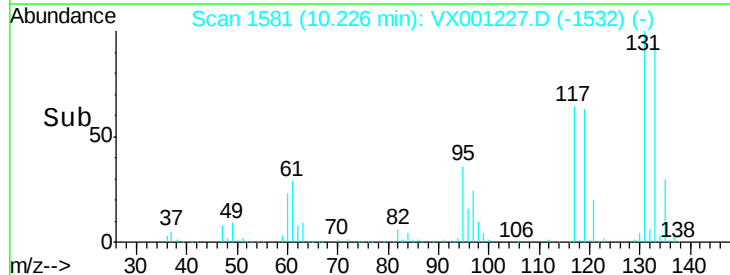
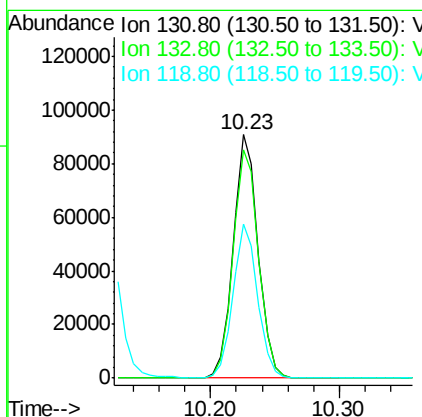
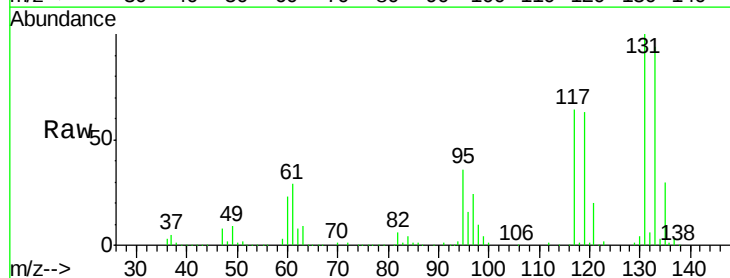
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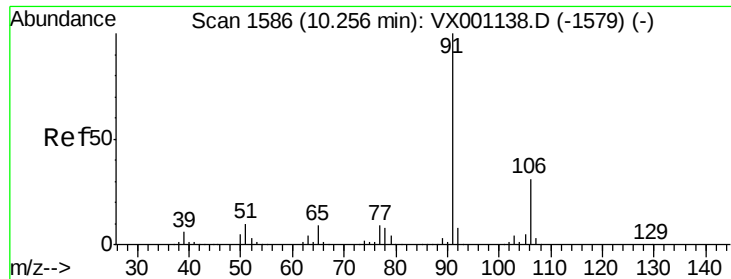
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.85 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001227.D
Acq: 28 Apr 2018 21:04

Tgt Ion:131 Resp: 121711
Ion Ratio Lower Upper
131 100
133 96.0 47.8 143.4
119 62.9 31.3 93.8





#67

Ethyl Benzene

Concen: 52.14 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001227.D

Acq: 28 Apr 2018 21:04

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 553349

Ion Ratio Lower Upper

91 100

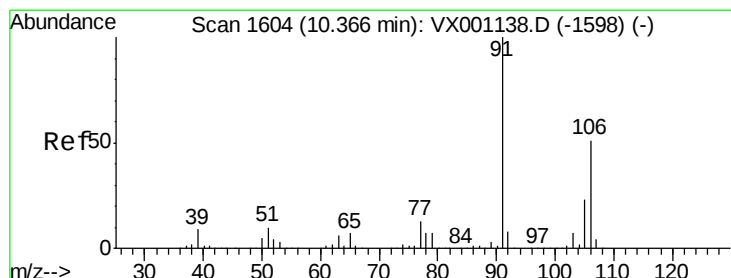
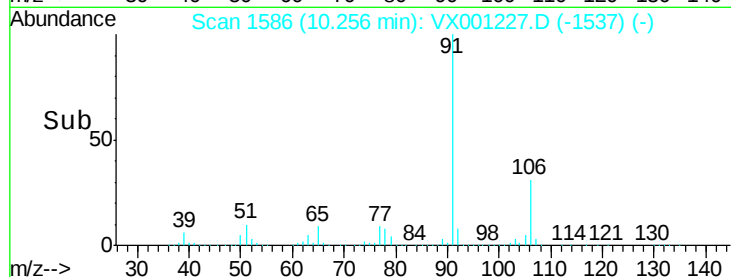
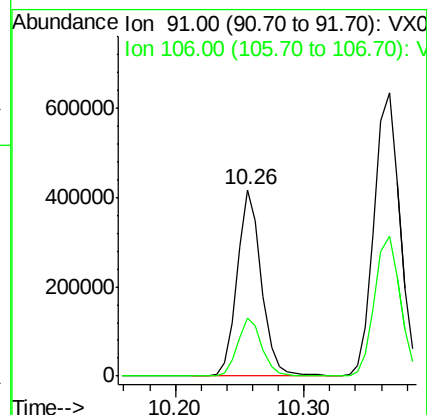
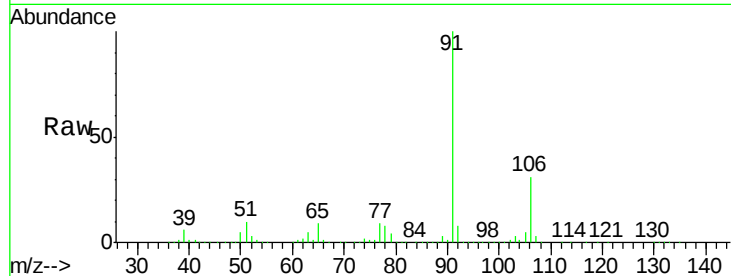
106 31.2 24.8 37.2

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#68

m/p-Xylenes

Concen: 104.20 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001227.D

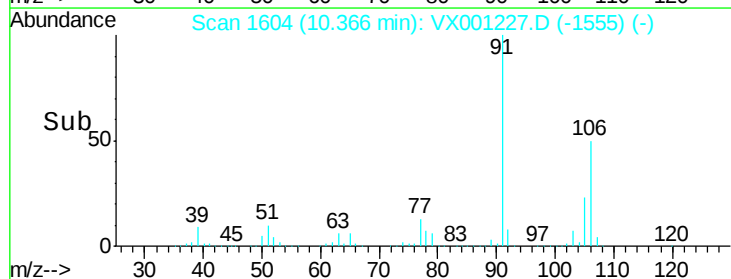
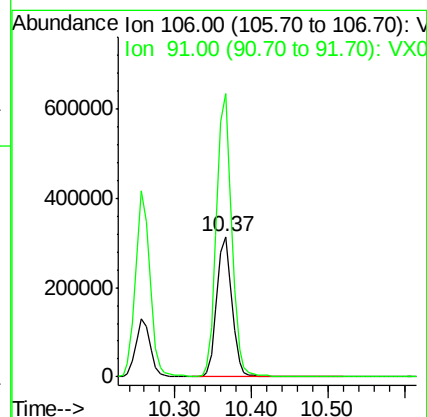
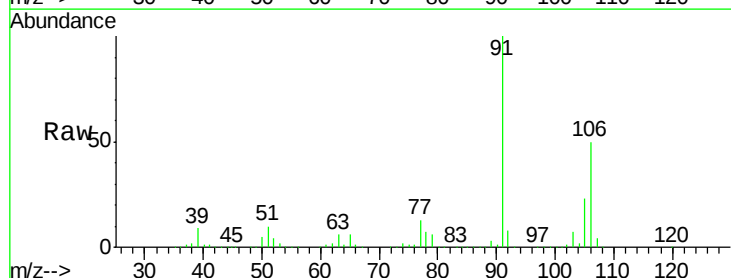
Acq: 28 Apr 2018 21:04

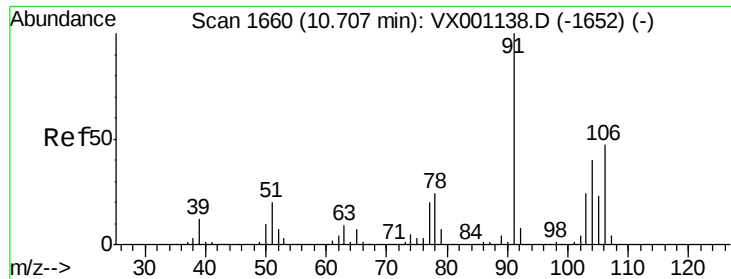
Tgt Ion: 106 Resp: 437226

Ion Ratio Lower Upper

106 100

91 202.0 160.9 241.3





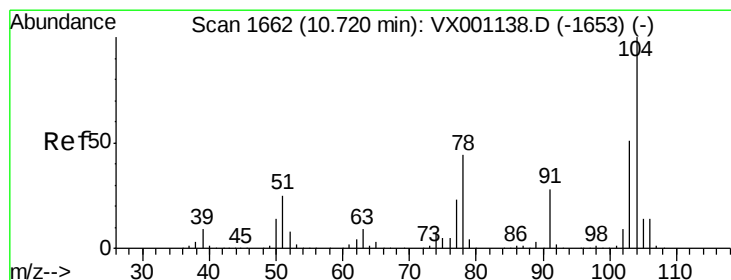
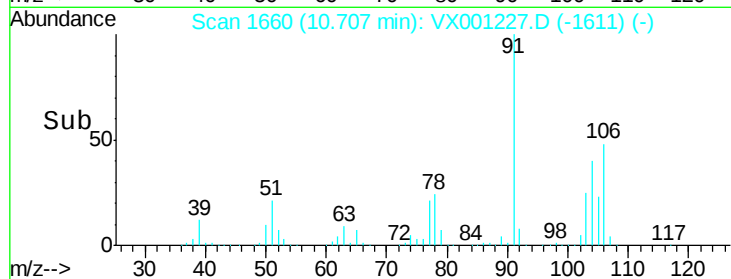
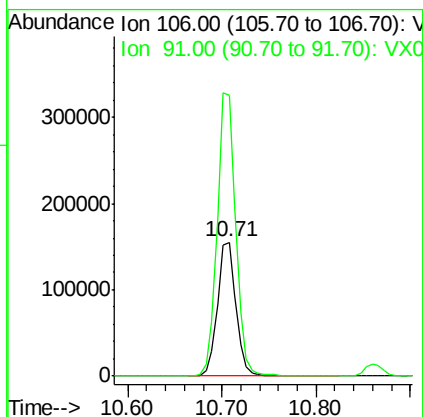
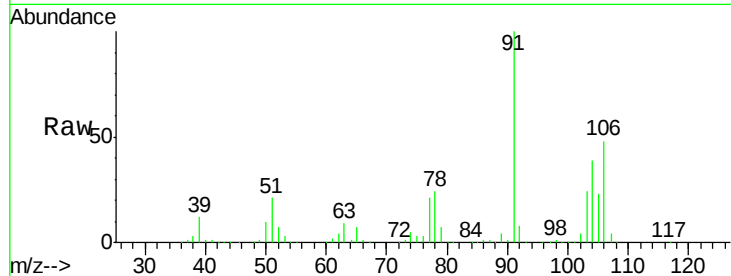
#69
o-Xylene
Concen: 51.87 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001227.D
Acq: 28 Apr 2018 21:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		211104		
91	213.1	106.2	318.5		

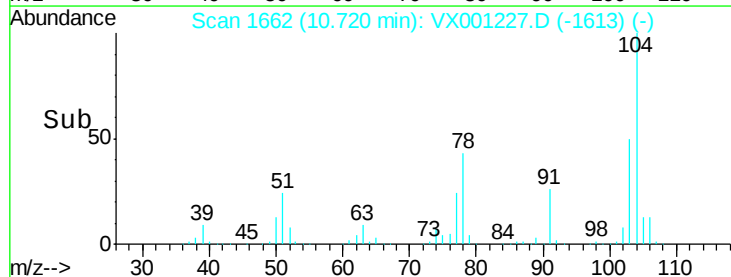
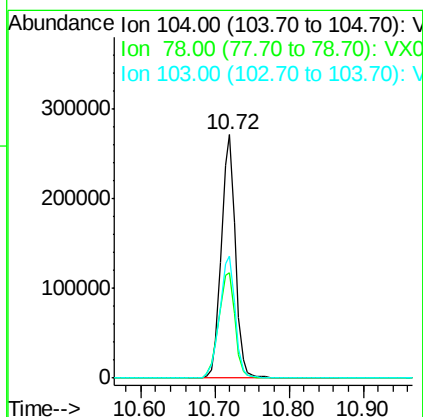
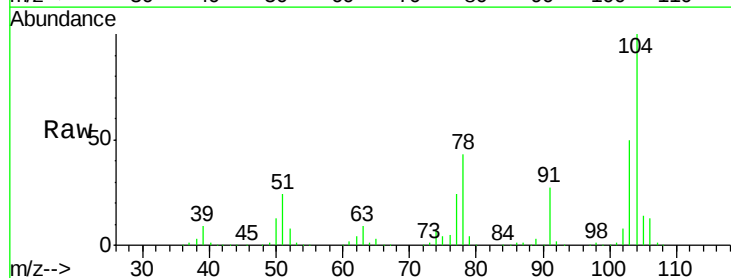
Manual Integrations
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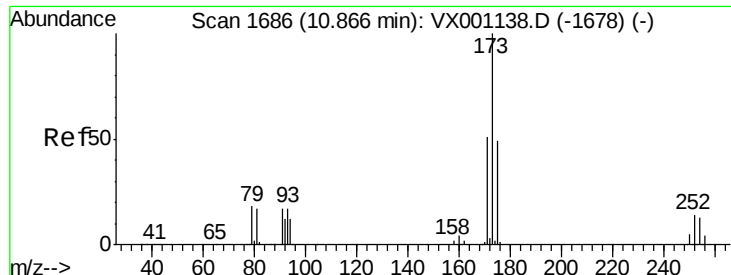
apatel
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#70
Styrene
Concen: 52.55 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001227.D
Acq: 28 Apr 2018 21:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		355946		
78	50.0	40.3	60.5		
103	55.4	44.3	66.5		





#71

Bromoform

Concen: 44.19 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX001227.D

Acq: 28 Apr 2018 21:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 103529

Ion Ratio Lower Upper

173 100

175 48.3 24.6 73.8

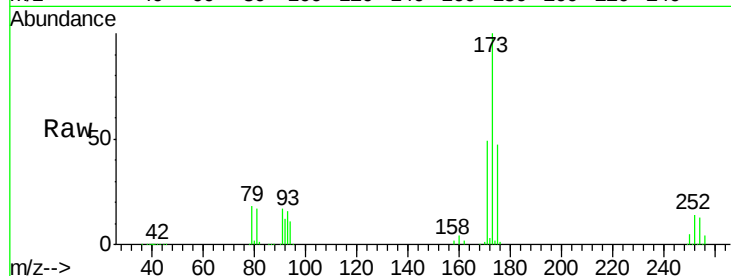
254 0.2 0.2 0.2

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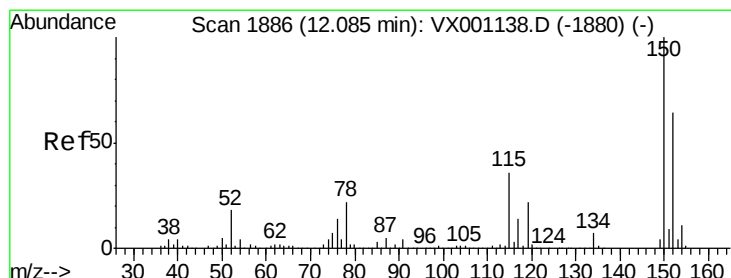
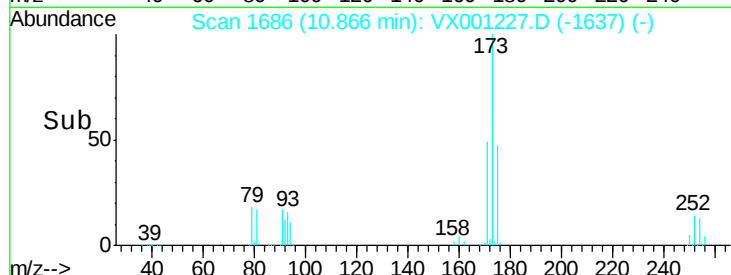
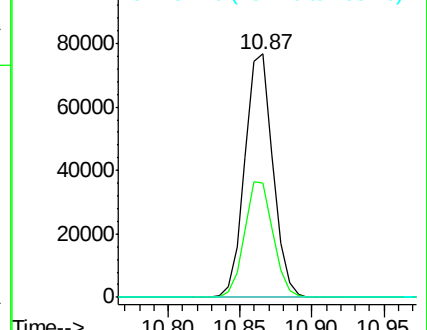
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VX001227.D

Acq: 28 Apr 2018 21:04

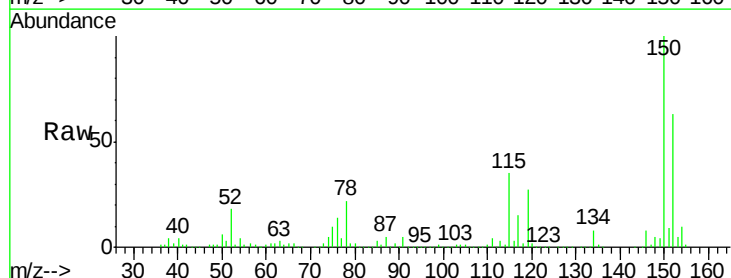
Tgt Ion:152 Resp: 172362

Ion Ratio Lower Upper

152 100

115 77.0 38.0 114.0

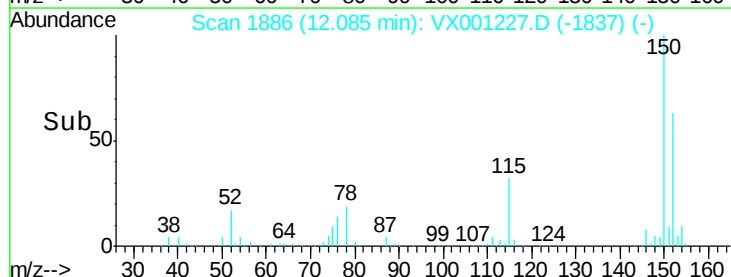
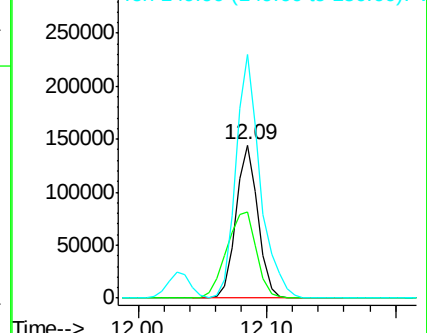
150 175.8 0.0 349.6

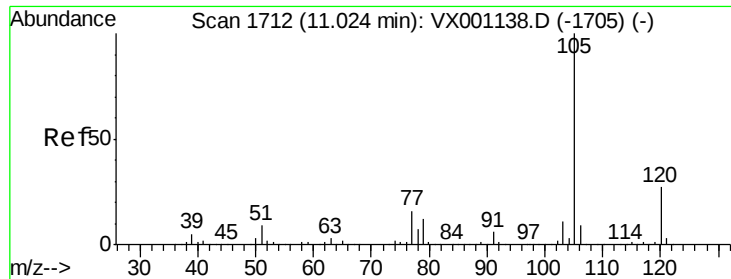


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.54 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001227.D

Acq: 28 Apr 2018 21:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 567833

Ion Ratio Lower Upper

105 100

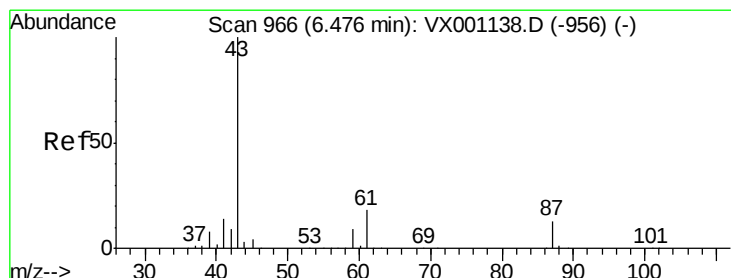
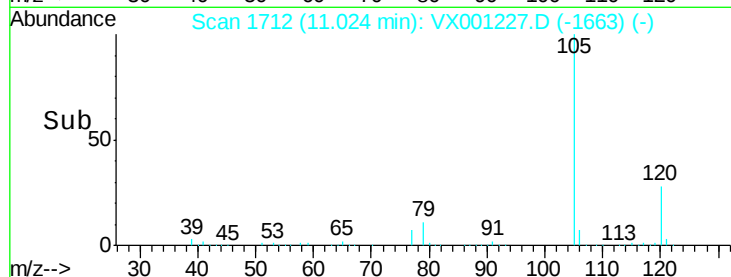
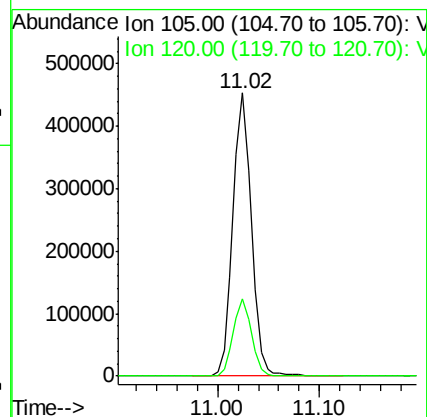
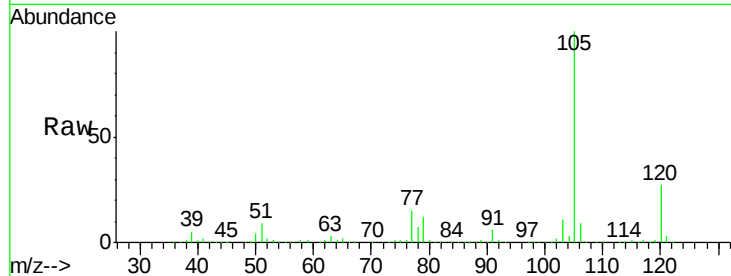
120 27.2 13.6 40.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 44.21 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001227.D

Acq: 28 Apr 2018 21:04

Tgt Ion: 43 Resp: 250285

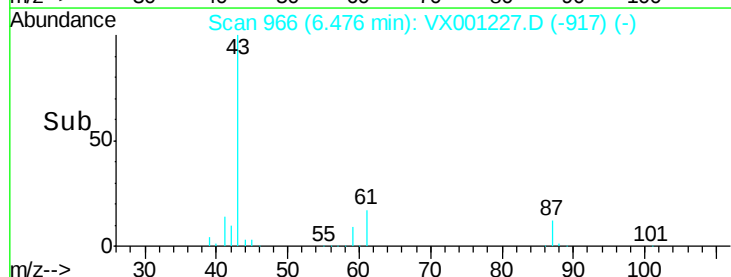
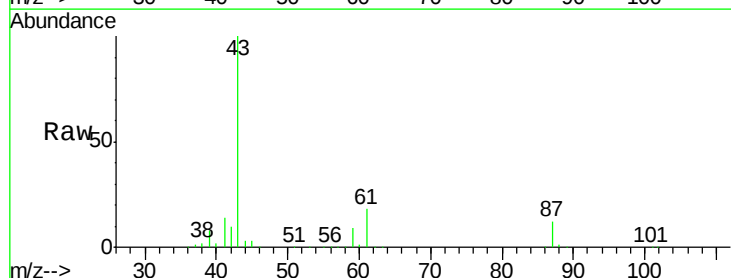
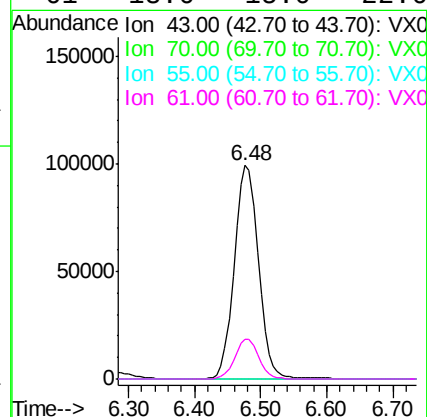
Ion Ratio Lower Upper

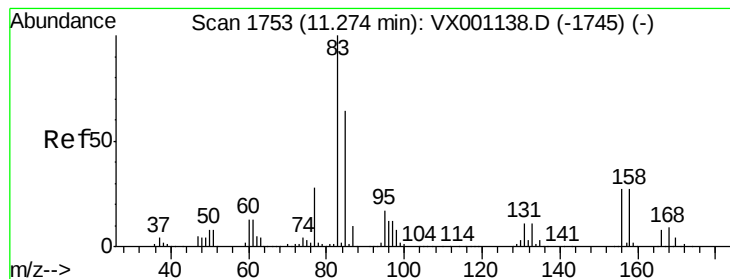
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.6 15.0 22.6





#75

1,1,2,2-Tetrachloroethane

Concen: 46.93 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001227.D

Acq: 28 Apr 2018 21:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 174928

Ion Ratio Lower Upper

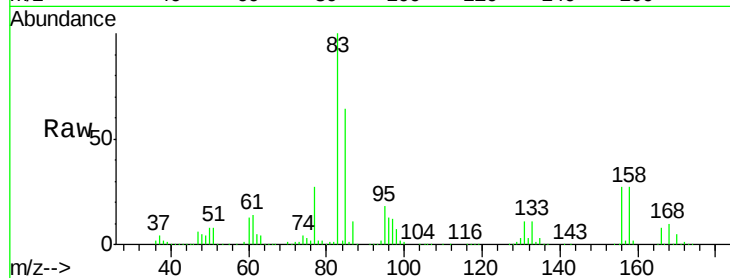
83 100

131 11.6 5.8 17.4

85 64.9 32.1 96.3

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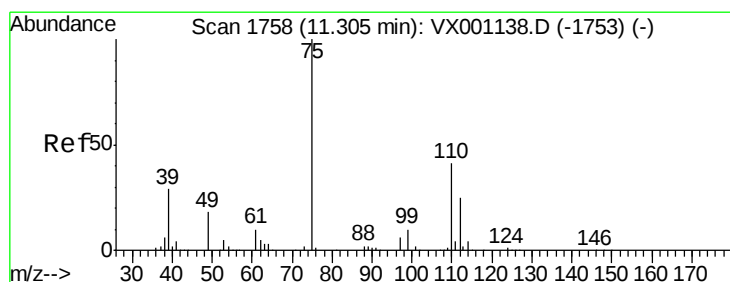
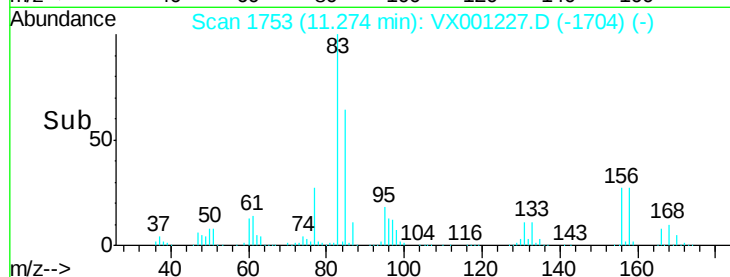
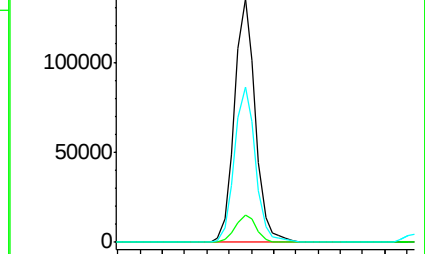
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 46.13 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001227.D

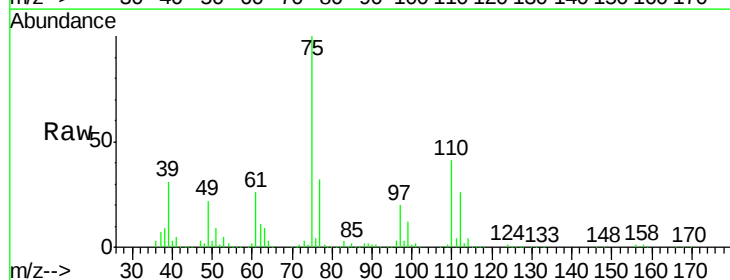
Acq: 28 Apr 2018 21:04

Tgt Ion: 75 Resp: 161895

Ion Ratio Lower Upper

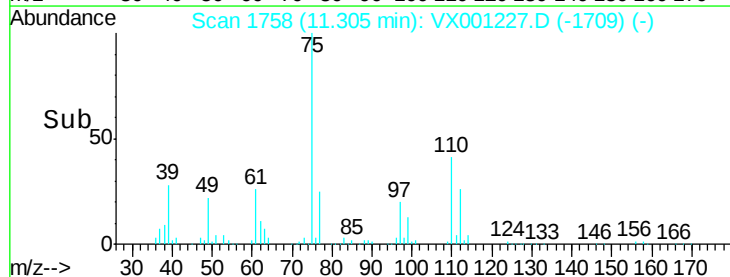
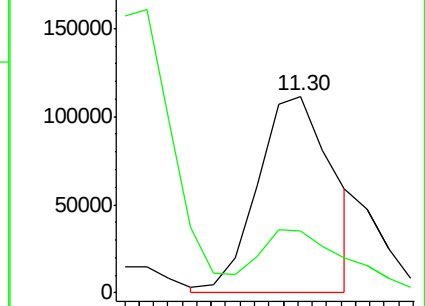
75 100

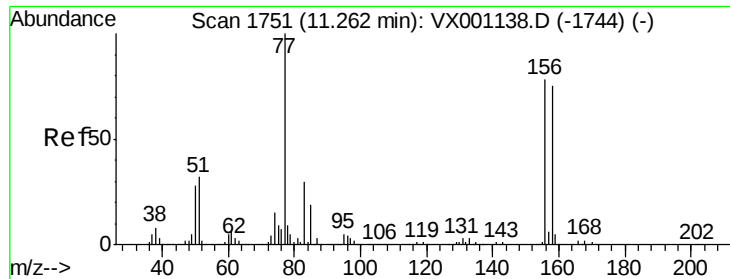
77 37.1 18.9 56.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.98 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001227.D

Acq: 28 Apr 2018 21:04

Instrument :

MSVOA_X

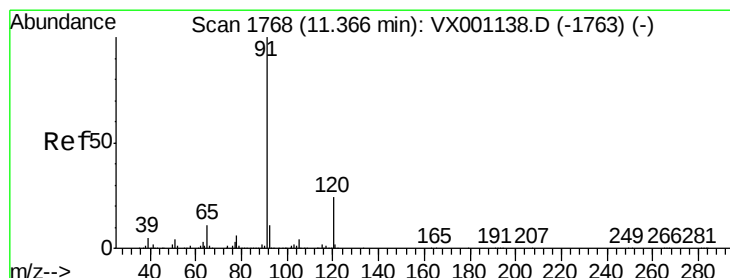
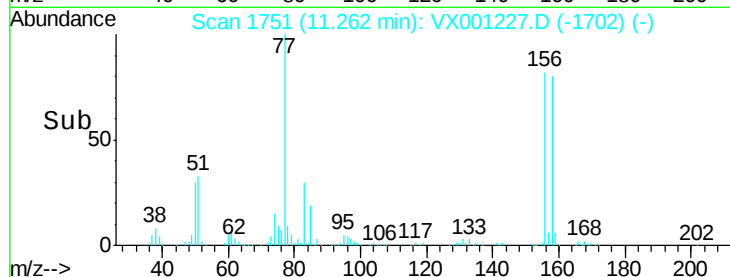
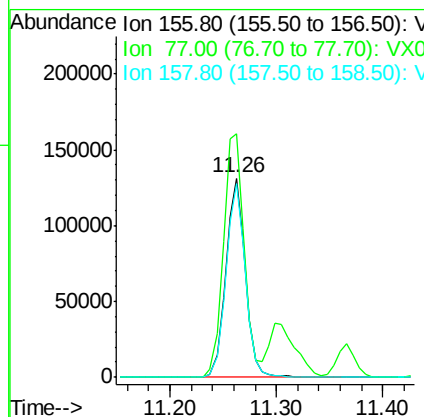
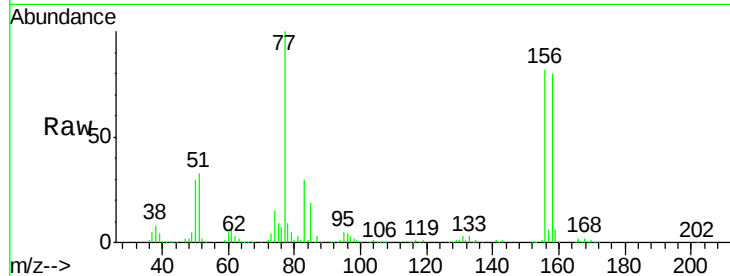
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	166512
Ion Ratio	Lower	Upper	
156	100		
77	131.3	67.8	203.2
158	97.3	48.9	146.7

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#78

n-propylbenzene

Concen: 51.36 ug/l

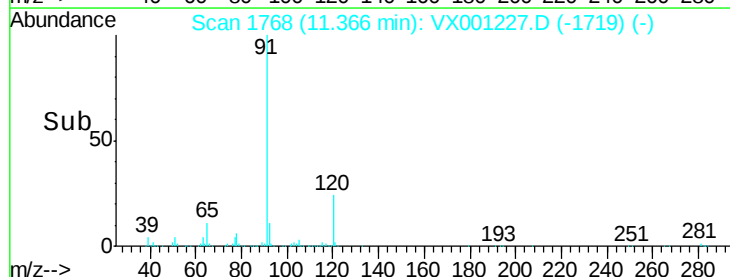
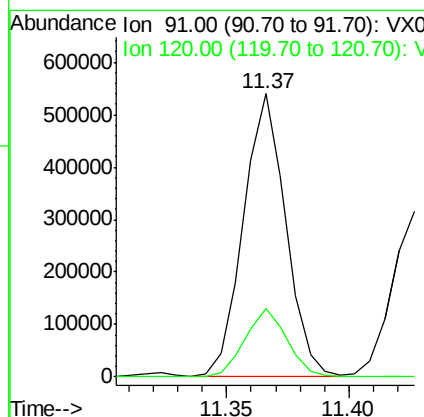
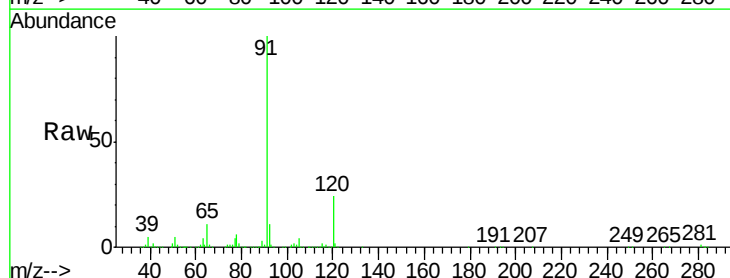
RT: 11.37 min Scan# 1768

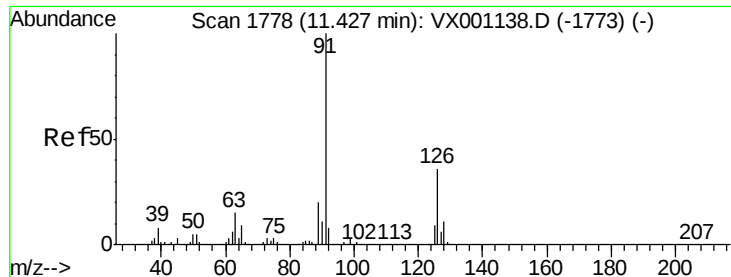
Delta R.T. 0.00 min

Lab File: VX001227.D

Acq: 28 Apr 2018 21:04

Tgt Ion:	91	Resp:	643355
Ion Ratio	Lower	Upper	
91	100		
120	24.4	12.2	36.6





#79

2-Chlorotoluene

Concen: 50.07 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001227.D

Acq: 28 Apr 2018 21:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 388826

Ion Ratio Lower Upper

91 100

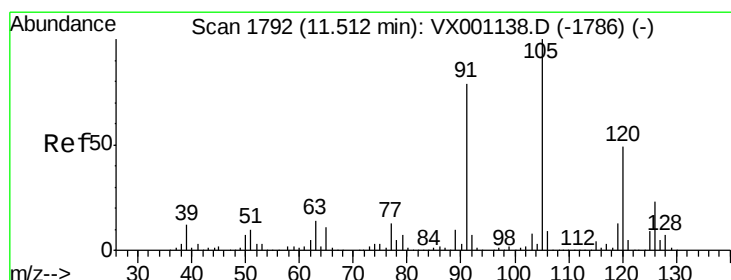
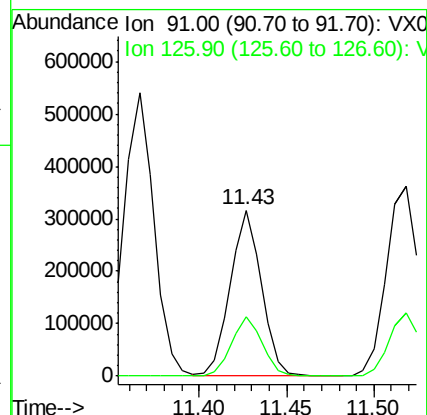
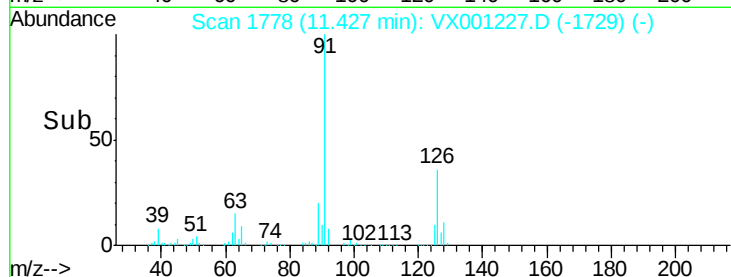
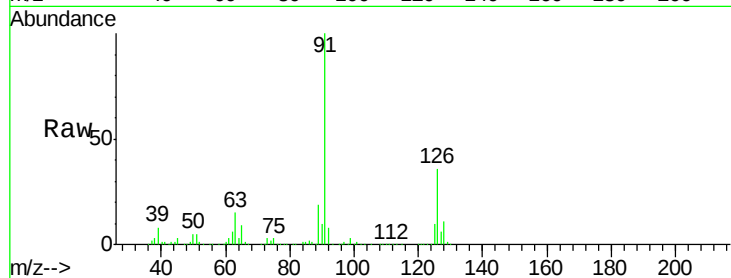
126 35.9 18.2 54.6

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#80

1,3,5-Trimethylbenzene

Concen: 51.33 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001227.D

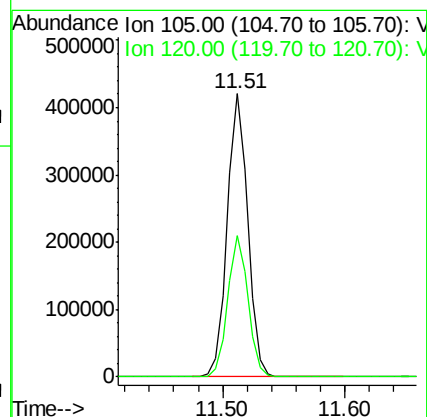
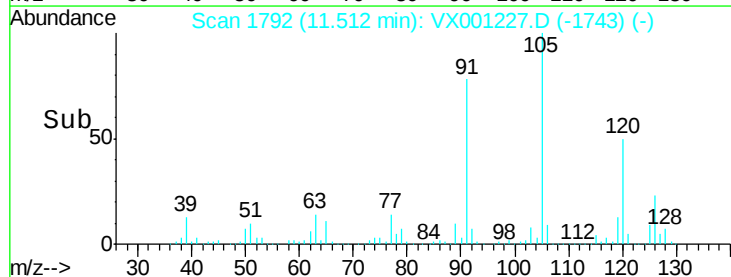
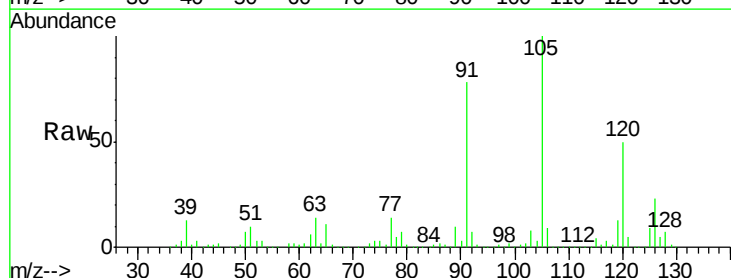
Acq: 28 Apr 2018 21:04

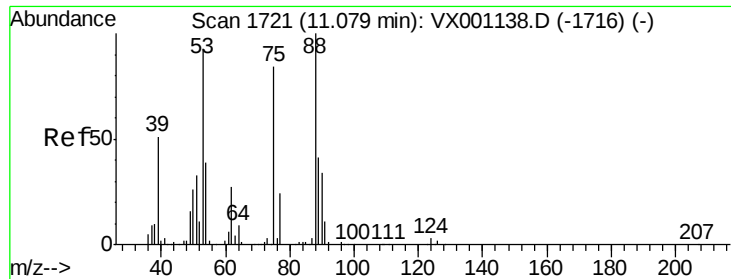
Tgt Ion: 105 Resp: 488196

Ion Ratio Lower Upper

105 100

120 49.4 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 37.42 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001227.D

Acq: 28 Apr 2018 21:04

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 75 Resp: 39710

Ion Ratio Lower Upper

75 100

53 113.8 87.9 131.9

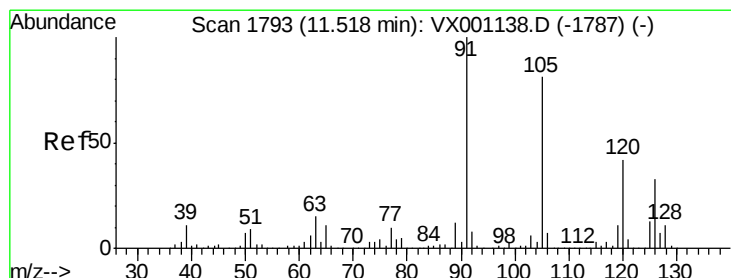
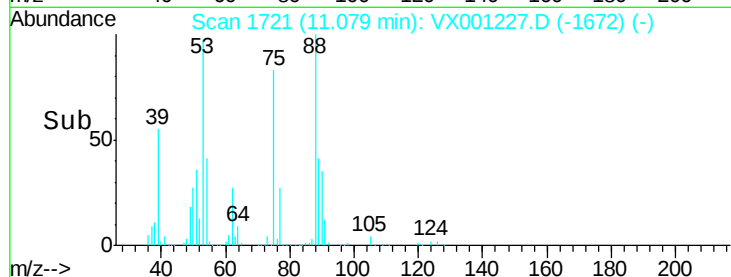
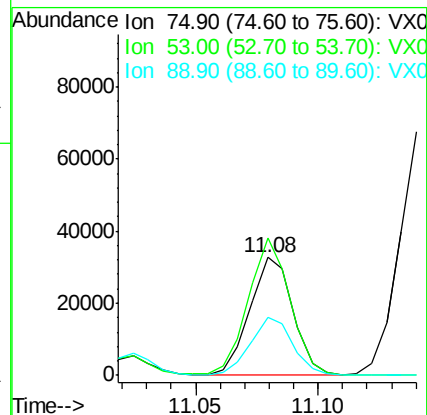
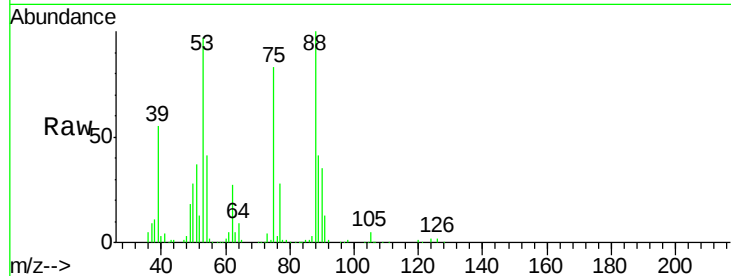
89 49.0 37.7 56.5

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#82

4-Chlorotoluene

Concen: 50.62 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001227.D

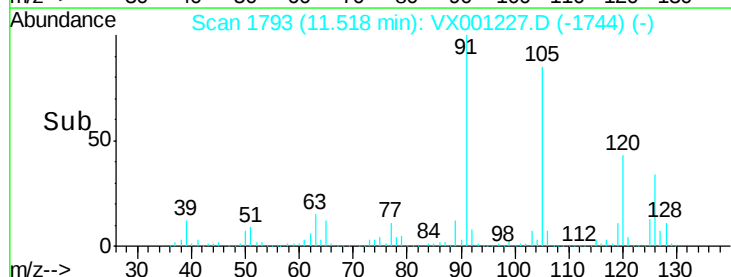
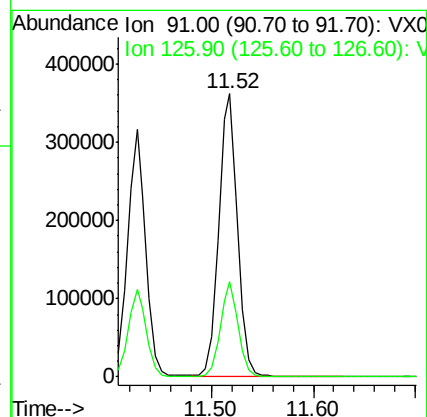
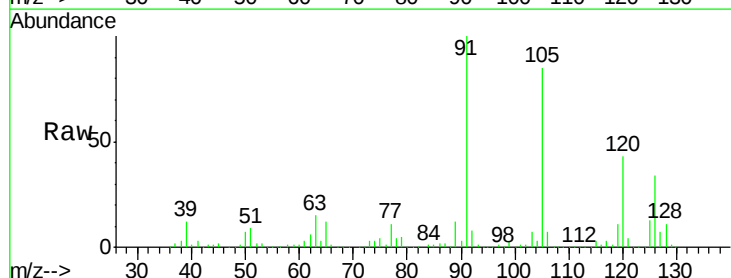
Acq: 28 Apr 2018 21:04

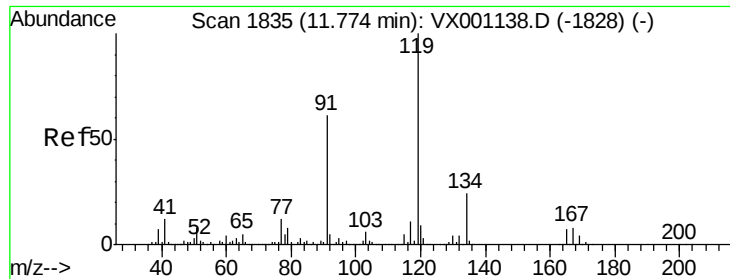
Tgt Ion: 91 Resp: 467196

Ion Ratio Lower Upper

91 100

126 31.9 15.8 47.4





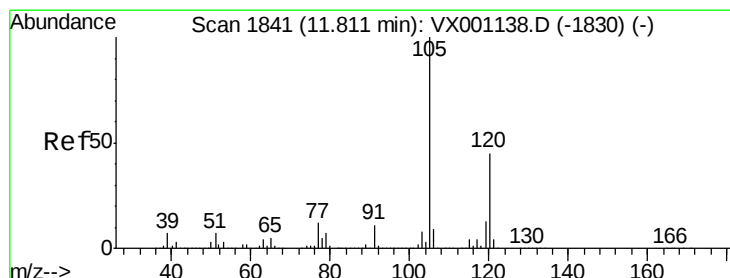
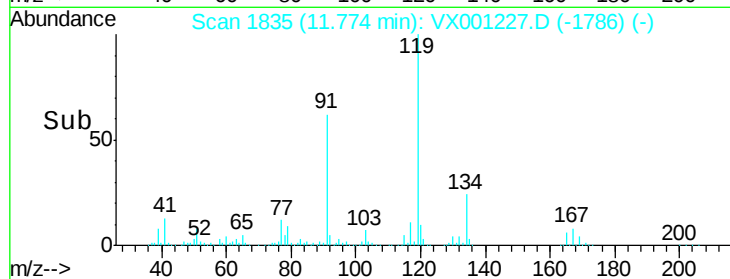
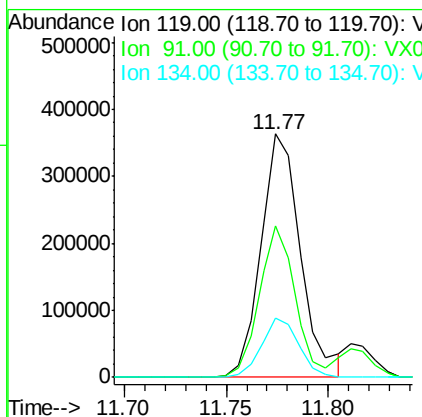
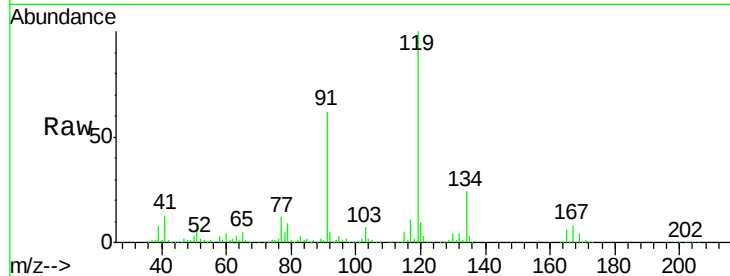
#83
tert-Butylbenzene
Concen: 51.63 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX001227.D
Acq: 28 Apr 2018 21:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.4	27.6	82.8
134	23.1	11.5	34.5

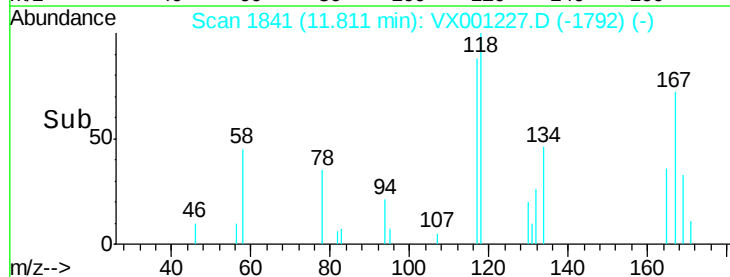
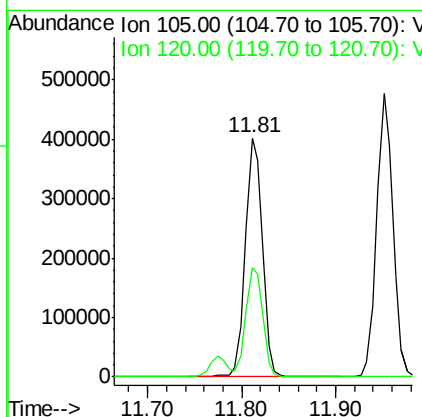
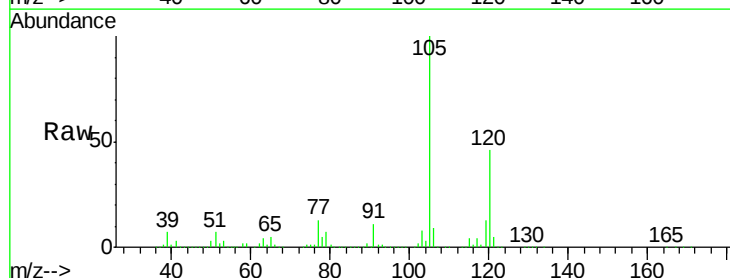
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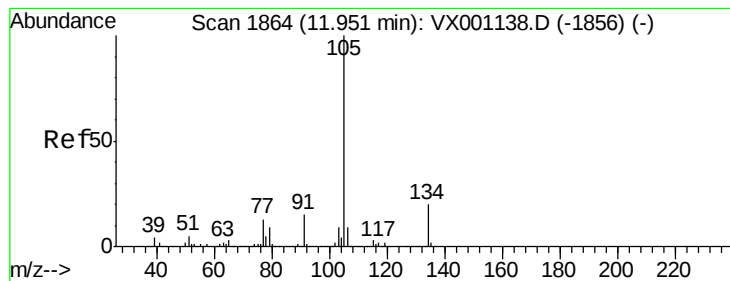
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#84
1,2,4-Trimethylbenzene
Concen: 51.53 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX001227.D
Acq: 28 Apr 2018 21:04

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.4	67.3





#85

sec-Butylbenzene

Concen: 51.60 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001227.D

Acq: 28 Apr 2018 21:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 572113

Ion Ratio Lower Upper

105 100

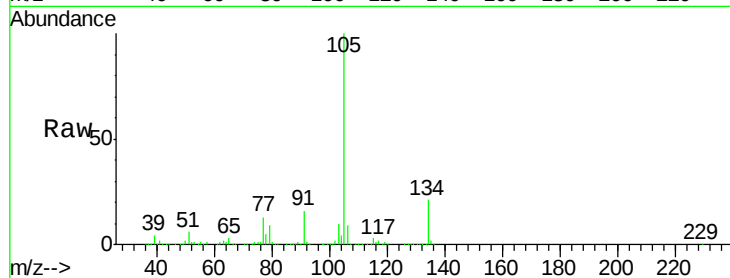
134 21.3 10.5 31.5

Manual Integrations

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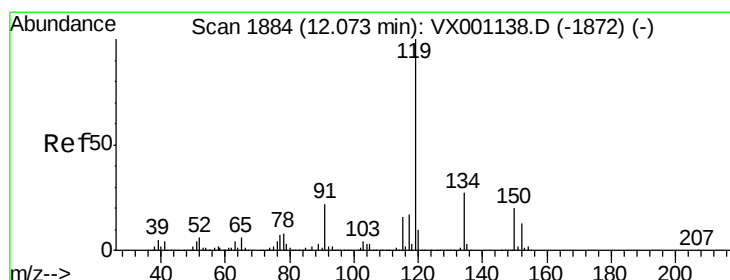
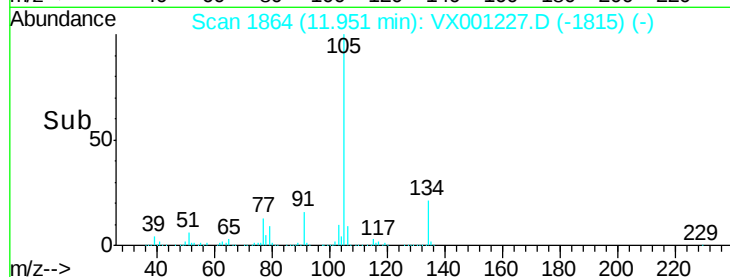
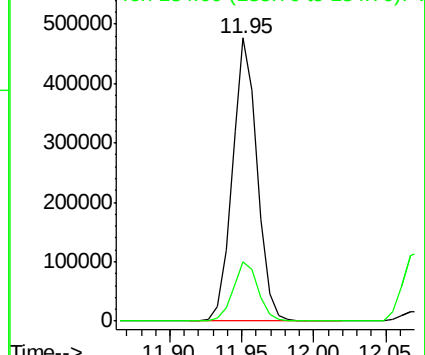
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.30 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001227.D

Acq: 28 Apr 2018 21:04

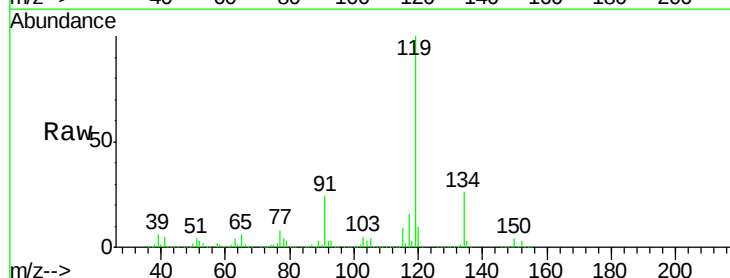
Tgt Ion:119 Resp: 529203

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

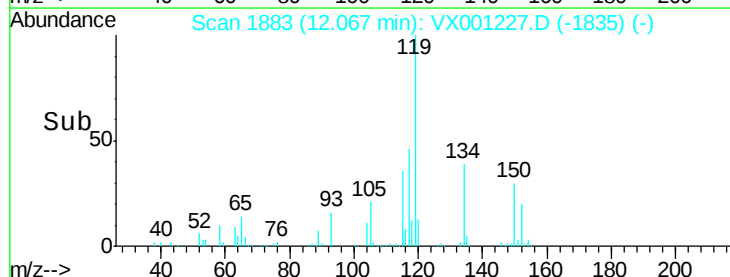
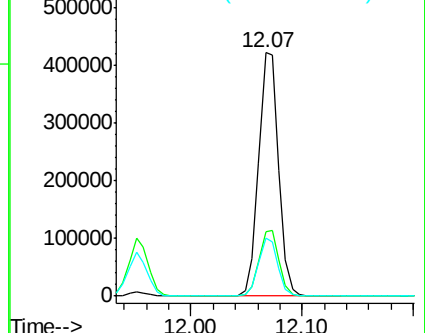
91 23.0 11.6 34.8

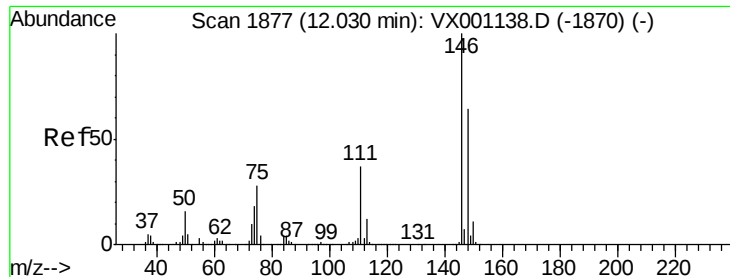


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





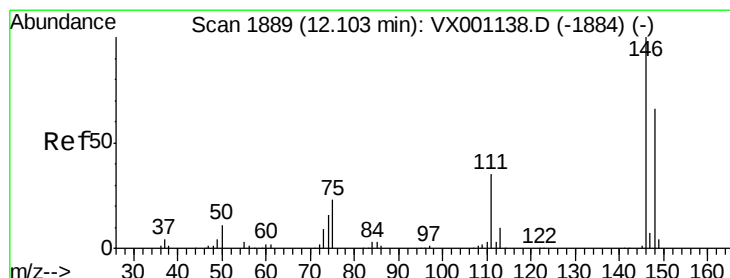
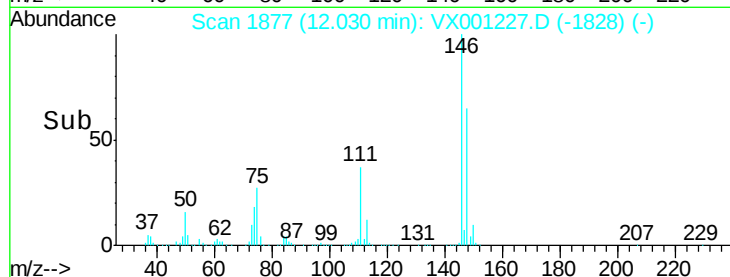
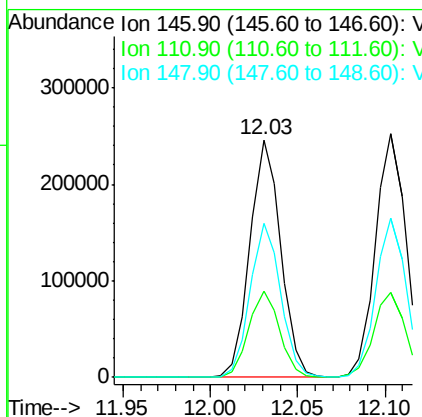
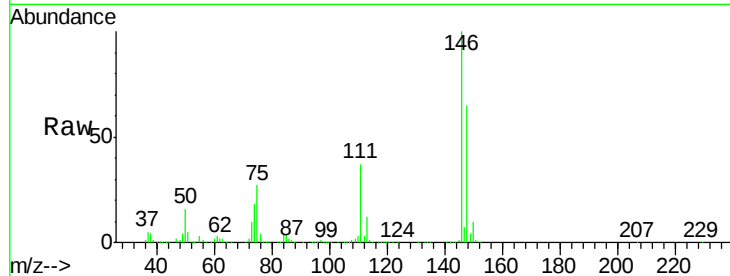
#87
 1,3-Dichlorobenzene
 Concen: 50.46 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001227.D
 Acq: 28 Apr 2018 21:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.6	56.0
148	64.2	32.3	96.8

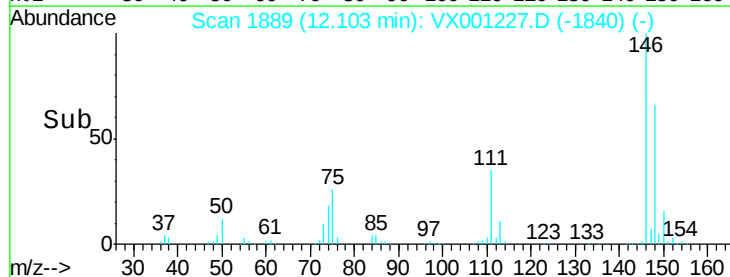
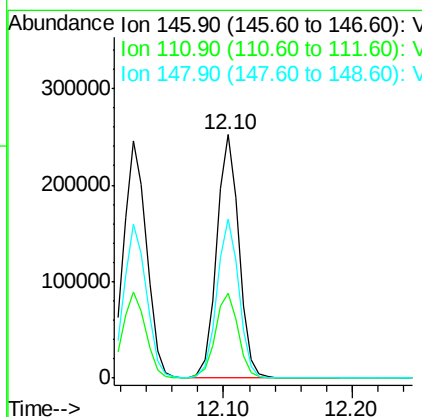
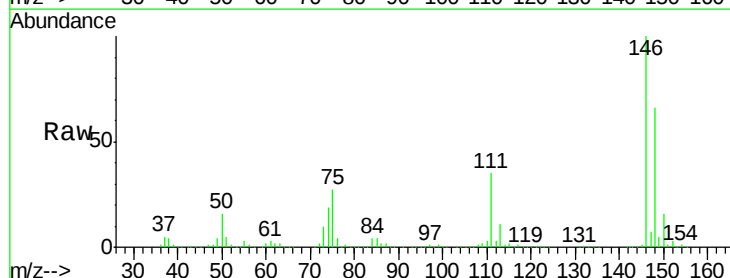
Manual Integrations
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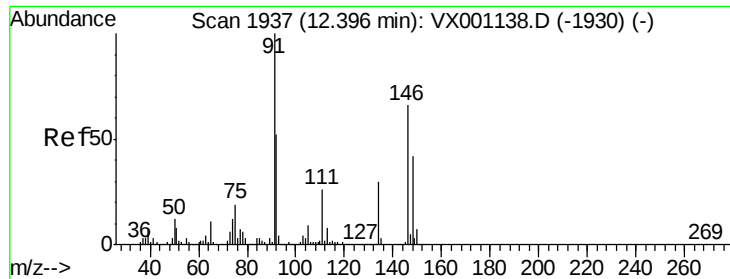
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#88
 1,4-Dichlorobenzene
 Concen: 49.21 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001227.D
 Acq: 28 Apr 2018 21:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.9	18.0	54.0
148	65.0	32.5	97.5





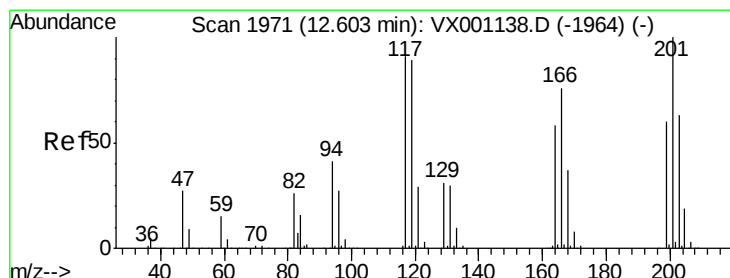
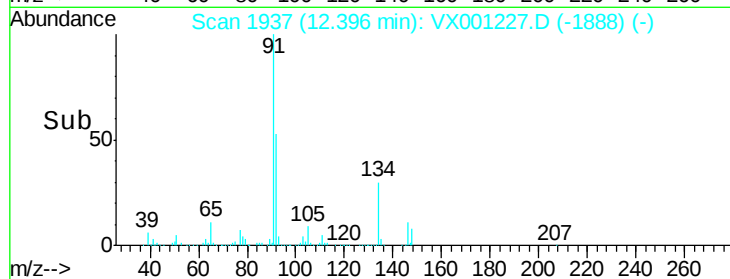
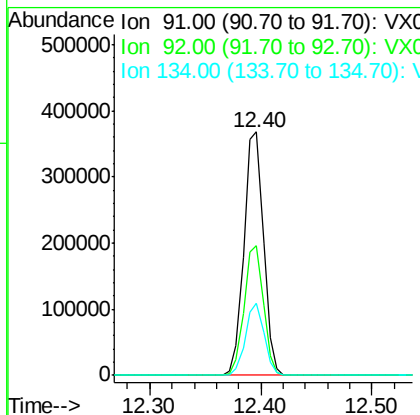
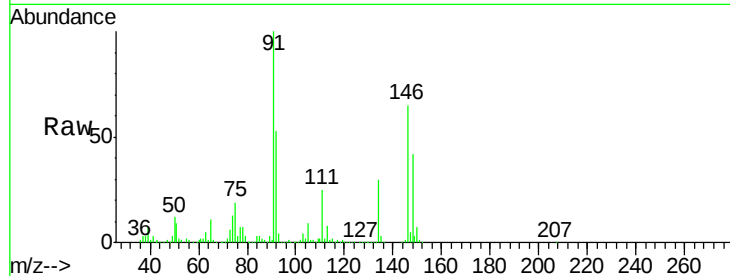
#89
n-Butylbenzene
Concen: 50.27 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001227.D
Acq: 28 Apr 2018 21:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.2	78.6
134	28.2	14.1	42.3

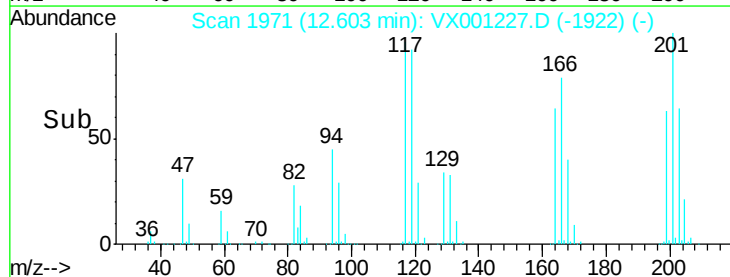
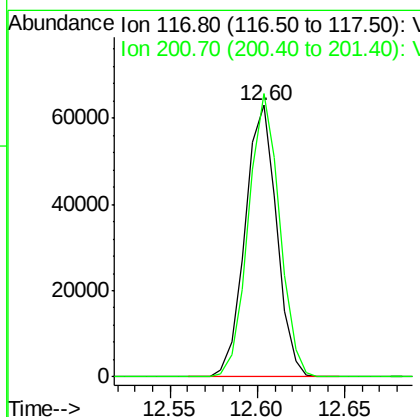
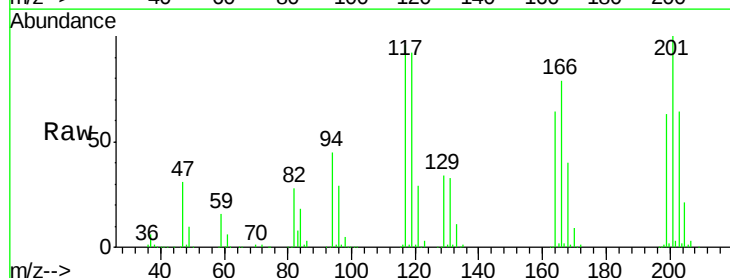
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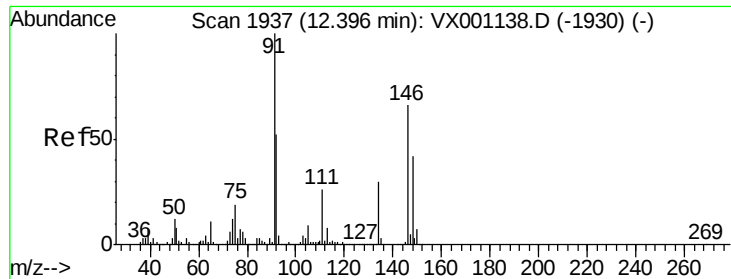
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#90
Hexachloroethane
Concen: 47.58 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001227.D
Acq: 28 Apr 2018 21:04

Tgt Ion	Ratio	Lower	Upper
117	100		
201	102.9	51.8	155.4





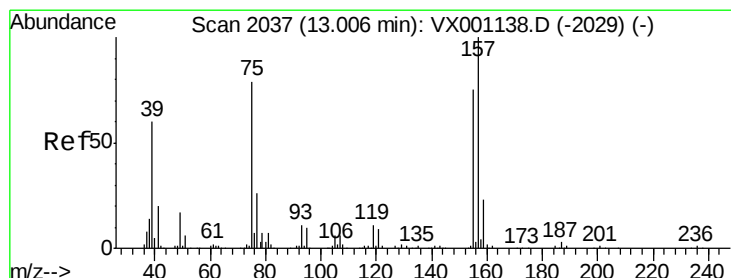
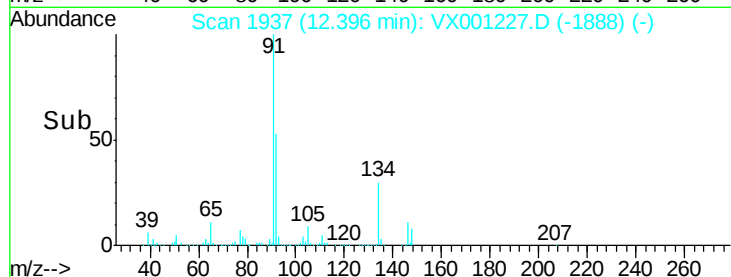
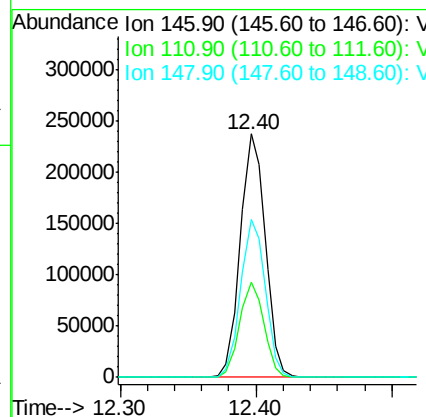
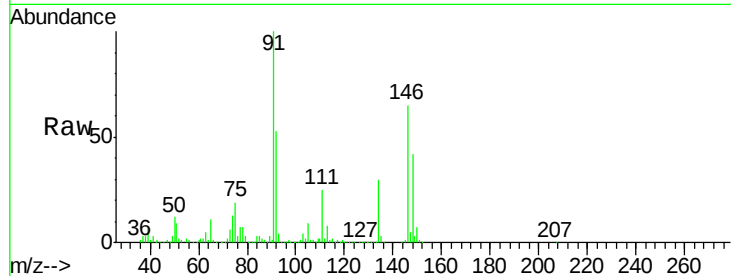
#91
 1,2-Dichlorobenzene
 Concen: 50.40 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001227.D
 Acq: 28 Apr 2018 21:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.1	57.3
148	64.0	32.2	96.6

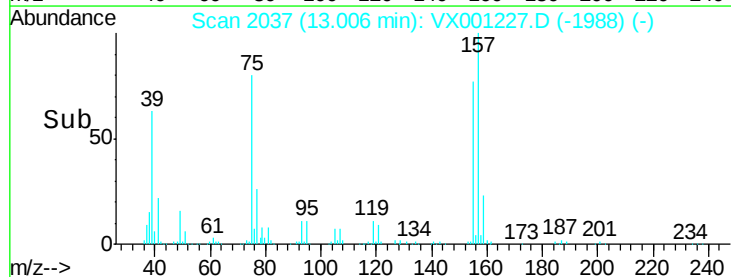
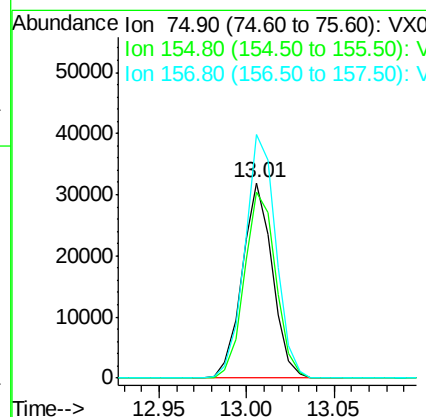
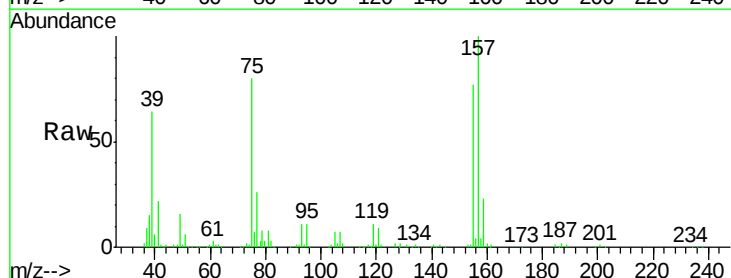
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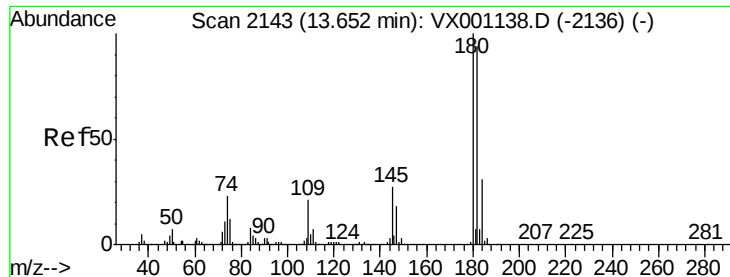
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.45 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001227.D
 Acq: 28 Apr 2018 21:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.2	48.4	145.3
157	128.1	62.7	188.1





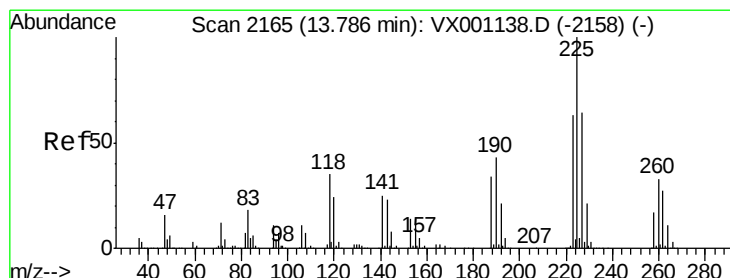
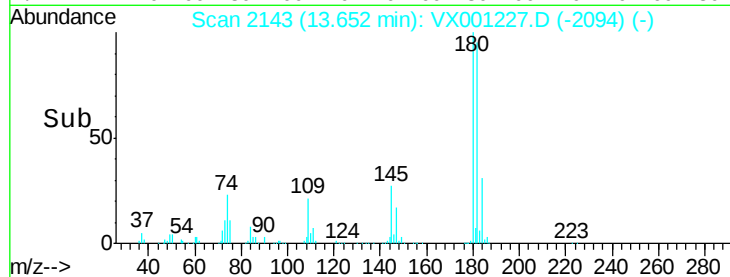
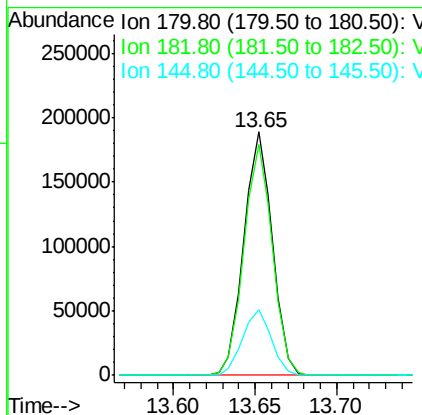
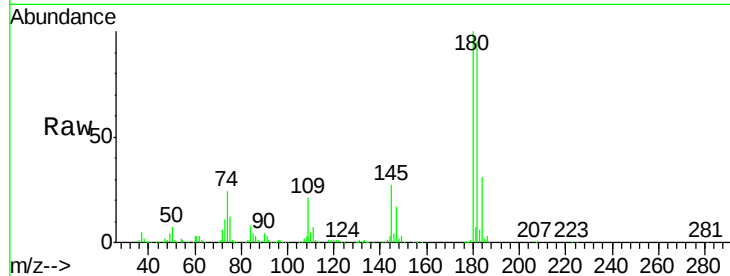
#93
 1,2,4-Trichlorobenzene
 Concen: 48.55 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001227.D
 Acq: 28 Apr 2018 21:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	230077		
182	95.1	47.9	143.6	
145	27.3	13.8	41.4	

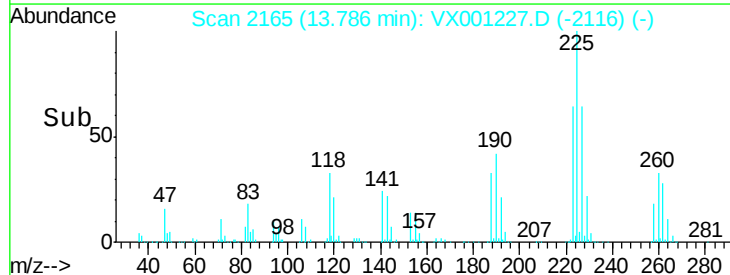
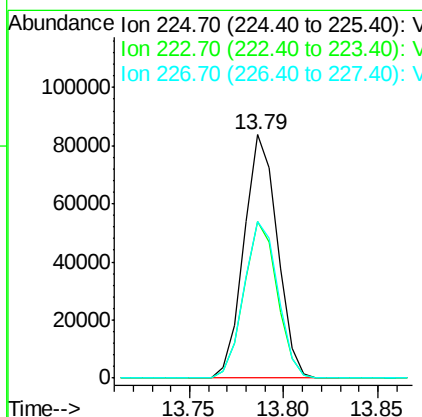
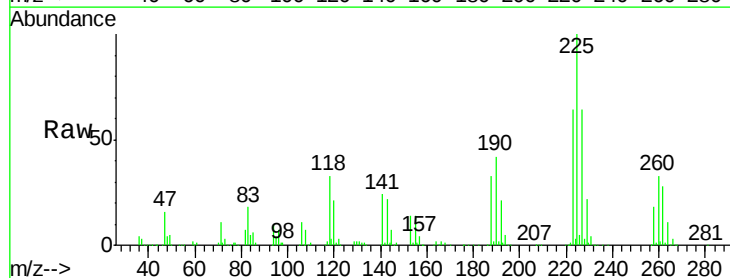
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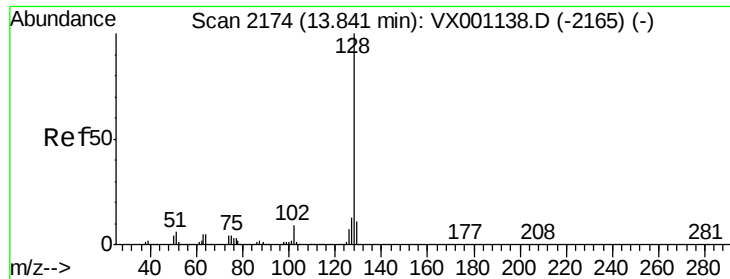
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#94
 Hexachlorobutadiene
 Concen: 46.24 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001227.D
 Acq: 28 Apr 2018 21:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	103008		
223	64.0	31.3	93.9	
227	65.3	32.2	96.6	





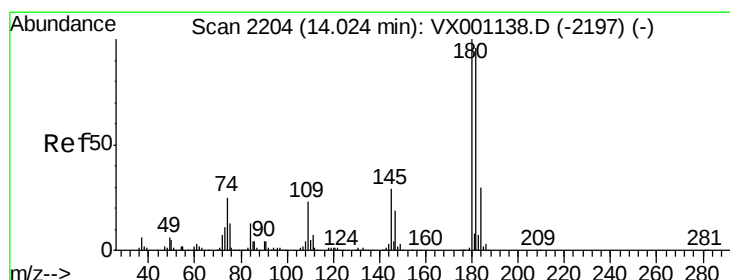
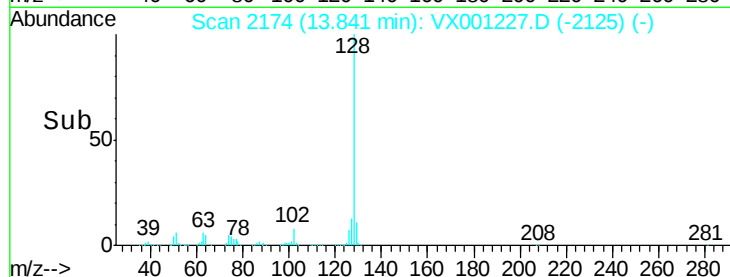
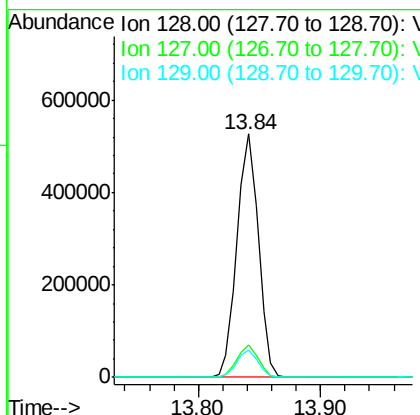
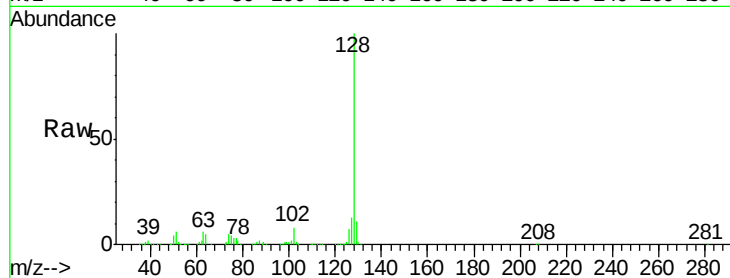
#95
Naphthalene
Concen: 48.19 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001227.D
Acq: 28 Apr 2018 21:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	636343		
127	13.1	10.6	15.8	
129	10.9	8.8	13.2	

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#96
1,2,3-Trichlorobenzene
Concen: 48.89 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX001227.D
Acq: 28 Apr 2018 21:04

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	230542		
182	95.0	48.2	144.6	
145	28.8	14.5	43.5	

