

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042418\
 Data File : VX001087.D
 Acq On : 24 Apr 2018 20:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Sohil
 4/26/2018 4:06:20 AM

Quant Time: Apr 25 07:41:57 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	248945	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	338823	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	327267	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	226165	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	153413	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
35) Dibromofluoromethane	5.51	113	126193	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
50) Toluene-d8	8.72	98	446119	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	
62) 4-Bromofluorobenzene	11.14	95	186313	46.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	155426	50.34	ug/l	98
3) Chloromethane	1.32	50	135928	47.28	ug/l	99
4) Vinyl Chloride	1.40	62	143499	48.16	ug/l	99
5) Bromomethane	1.64	94	79789	46.04	ug/l	99
6) Chloroethane	1.72	64	88256	49.85	ug/l	99
7) Trichlorofluoromethane	1.93	101	231264	51.66	ug/l	100
8) Diethyl Ether	2.19	74	83365	50.42	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	131417	50.10	ug/l	99
10) Methyl Iodide	2.51	142	105174	42.06	ug/l	99
11) Tert butyl alcohol	3.09	59	157377	330.68	ug/l	98
12) 1,1-Dichloroethene	2.37	96	118950	49.04	ug/l	97
13) Acrolein	2.30	56	57609	382.48	ug/l	99
14) Allyl chloride	2.73	41	224289	51.10	ug/l	99
15) Acrylonitrile	3.16	53	358909	278.65	ug/l	99
16) Acetone	2.45	43	347930	292.80	ug/l	99
17) Carbon Disulfide	2.57	76	293106	42.40	ug/l	100
18) Methyl Acetate	2.78	43	232720	64.72	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	425314	52.16	ug/l	98
20) Methylene Chloride	2.86	84	159249	64.01	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	128846	47.72	ug/l	98
22) Diisopropyl ether	3.88	45	438493	51.60	ug/l	97
23) Vinyl Acetate	3.84	43	1783761	253.56	ug/l	100
24) 1,1-Dichloroethane	3.70	63	234355	49.17	ug/l	99
25) 2-Butanone	4.72	43	526929	284.06	ug/l	98
26) 2,2-Dichloropropane	4.59	77	187290	45.68	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	145747	48.46	ug/l	99
28) Bromochloromethane	5.03	49	111381	60.77	ug/l	98
29) Tetrahydrofuran	5.18	42	331341	282.66	ug/l	100
30) Chloroform	5.23	83	253862	51.43	ug/l	99
31) Cyclohexane	5.58	56	208003	46.75	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	227679	51.44	ug/l	99
36) 1,1-Dichloropropene	5.81	75	183954	46.20	ug/l	100
37) Ethyl Acetate	4.87	43	196077	53.69	ug/l	100
38) Carbon Tetrachloride	5.79	117	199651	49.52	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	216267	46.66	ug/l	98
40) Benzene	6.15	78	542217	48.98	ug/l	100
41) Methacrylonitrile	5.07	41	116388	51.03	ug/l	99
42) 1,2-Dichloroethane	6.21	62	212830	50.09	ug/l	99
43) Isopropyl Acetate	6.48	43	330847	52.80	ug/l	99
44) Trichloroethene	7.22	130	157683	46.63	ug/l	97
45) 1,2-Dichloropropane	7.52	63	141586	50.87	ug/l	98
46) Dibromomethane	7.67	93	96745	49.75	ug/l	99
47) Bromodichloromethane	7.91	83	185887	51.60	ug/l	98
48) Methyl methacrylate	7.79	41	177592	52.64	ug/l	98
49) 1,4-Dioxane	7.76	88	67624	1362.97	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1095427	287.92	ug/l	98
52) Toluene	8.79	92	354218	49.03	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	220609	51.20	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	206408	50.80	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	147271	51.28	ug/l	99
56) Ethyl methacrylate	9.19	69	220458	52.27	ug/l	97
57) 1,3-Dichloropropane	9.38	76	238638	50.16	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	545987	265.23	ug/l	99
59) 2-Hexanone	9.51	43	844367	289.95	ug/l	99
60) Dibromochloromethane	9.59	129	158715	52.62	ug/l	99
61) 1,2-Dibromoethane	9.68	107	156899	51.77	ug/l	99
64) Tetrachloroethene	9.34	164	167276	48.13	ug/l	99
65) Chlorobenzene	10.15	112	420054	48.20	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	156980	52.48	ug/l	99
67) Ethyl Benzene	10.26	91	706242	48.80	ug/l	100
68) m/p-Xylenes	10.37	106	556138	97.51	ug/l	98
69) o-Xylene	10.71	106	270211	49.14	ug/l	99
70) Styrene	10.72	104	452881	50.01	ug/l	100
71) Bromoform	10.87	173	132297	47.64	ug/l	99
73) Isopropylbenzene	11.02	105	735873	49.77	ug/l	99
74) N-amyl acetate	6.48	43	330847	52.31	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	227863	54.44	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	213023m	54.29	ug/l	
77) Bromobenzene	11.26	156	208398	48.56	ug/l	98
78) n-propylbenzene	11.37	91	830964	48.96	ug/l	100
79) 2-Chlorotoluene	11.43	91	494798	49.33	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	634199	50.60	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	58304	45.88	ug/l	95
82) 4-Chlorotoluene	11.52	91	591319	48.79	ug/l	99
83) tert-Butylbenzene	11.77	119	640889	50.69	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	649871	50.38	ug/l	100
85) sec-Butylbenzene	11.95	105	758862	50.28	ug/l	99
86) p-Isopropyltoluene	12.07	119	698345	50.02	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	384521	47.86	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	388036	47.05	ug/l	100
89) n-Butylbenzene	12.40	91	601393	48.41	ug/l	100
90) Hexachloroethane	12.60	117	105678	53.42	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	385917	49.61	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	52845	60.27	ug/l	96

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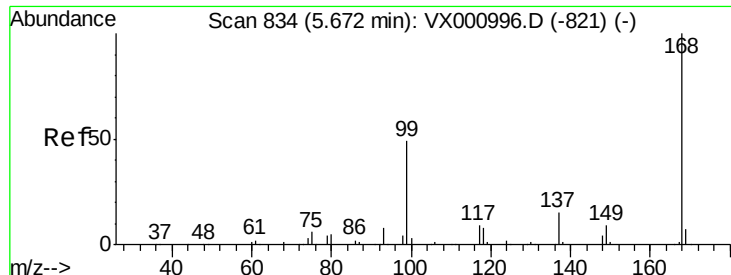
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	303129	46.42	ug/l	100
94) Hexachlorobutadiene	13.79	225	153965	52.11	ug/l	99
95) Naphthalene	13.84	128	858956	53.49	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	308714	48.88	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 248945

Ion Ratio Lower Upper

168 100

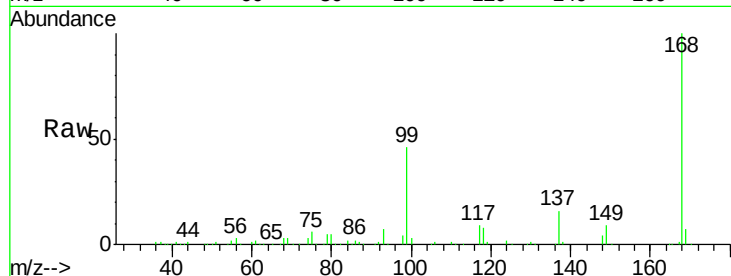
99 45.7 39.2 58.8

Manual Integrations

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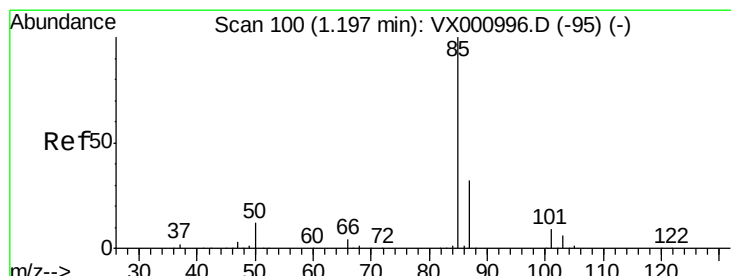
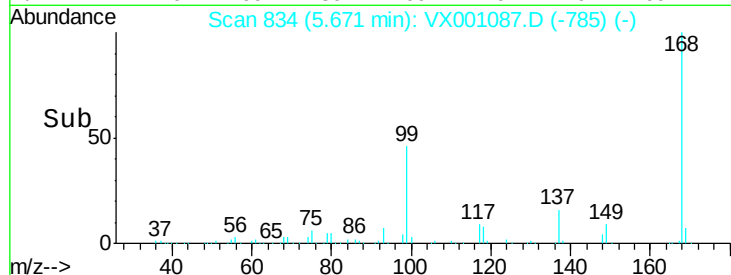
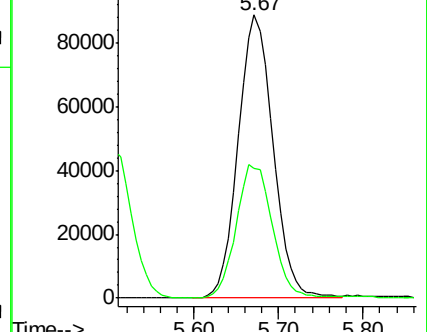
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 50.34 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001087.D

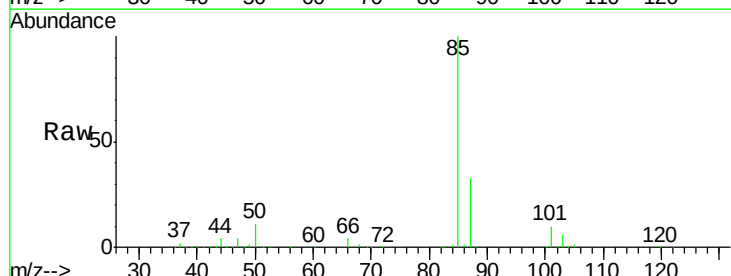
Acq: 24 Apr 2018 20:11

Tgt Ion: 85 Resp: 155426

Ion Ratio Lower Upper

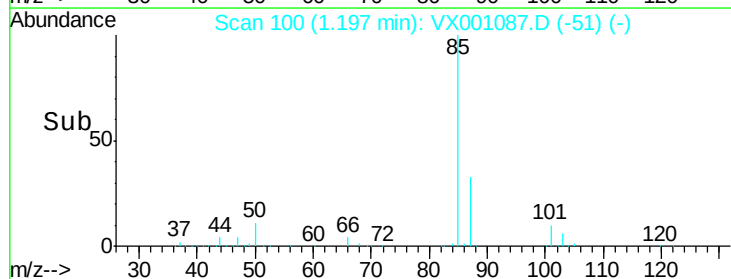
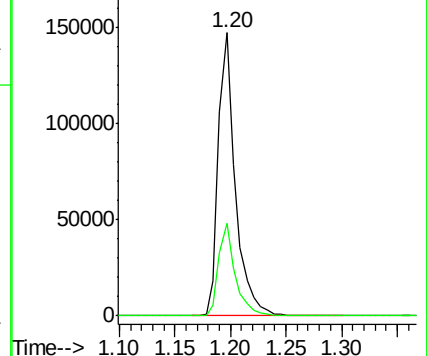
85 100

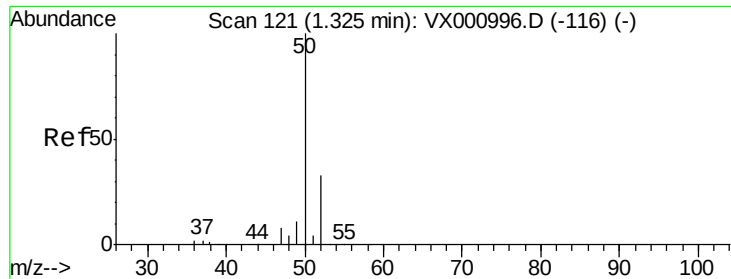
87 32.6 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.28 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 135928

Ion Ratio Lower Upper

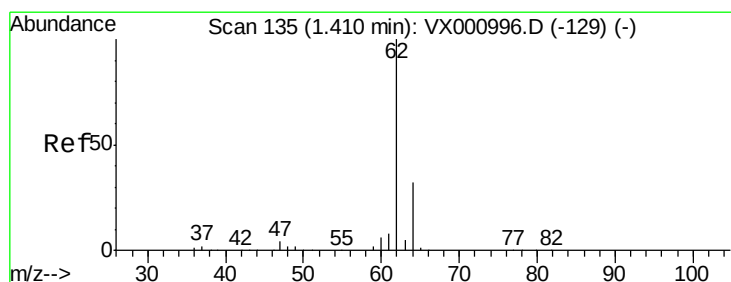
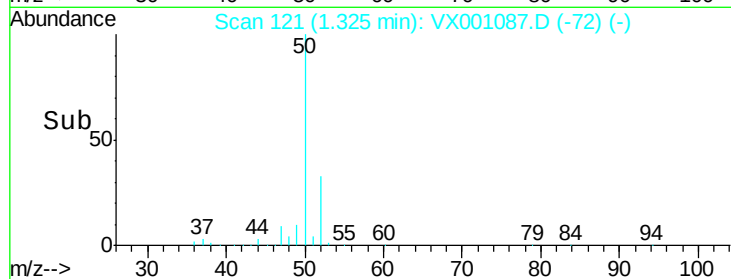
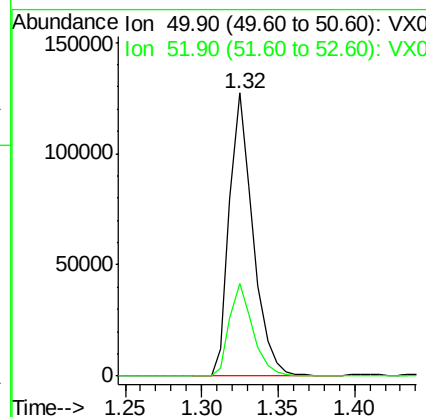
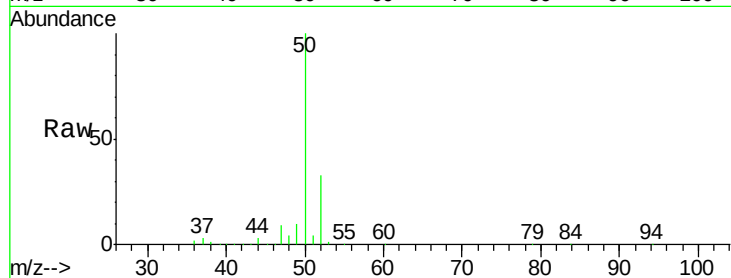
50 100

52 32.5 26.3 39.5

Manual Integrations
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#4

Vinyl Chloride

Concen: 48.16 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX001087.D

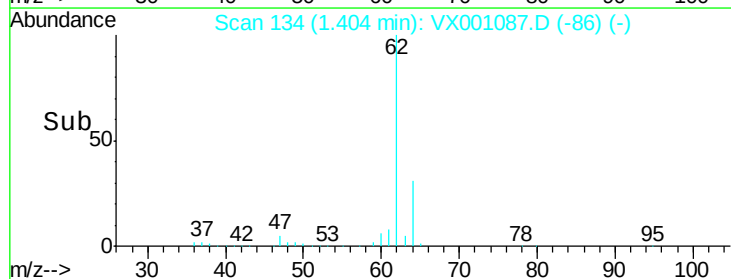
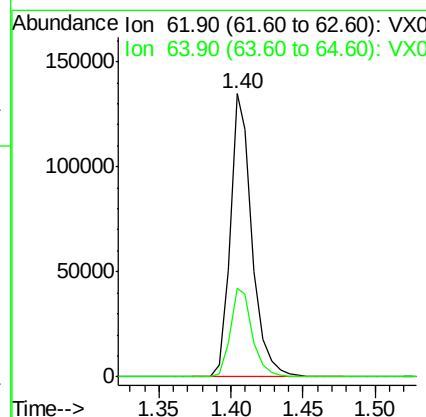
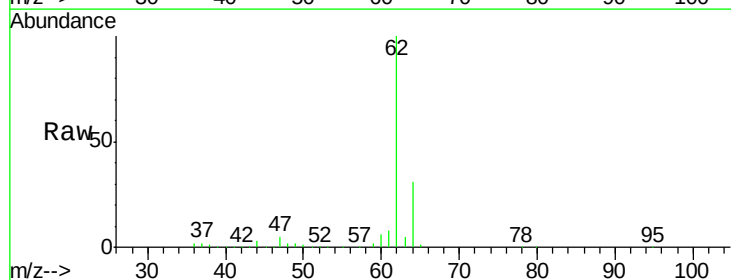
Acq: 24 Apr 2018 20:11

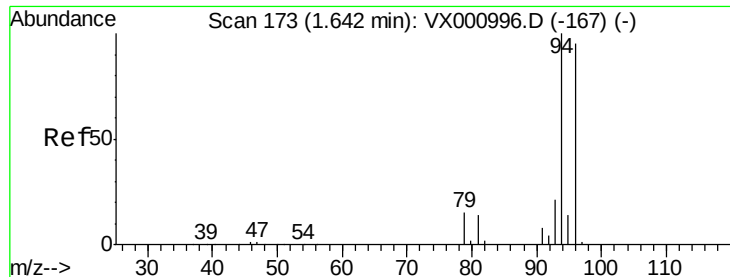
Tgt Ion: 62 Resp: 143499

Ion Ratio Lower Upper

62 100

64 31.3 25.6 38.4





#5

Bromomethane

Concen: 46.04 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 79789

Ion Ratio Lower Upper

94 100

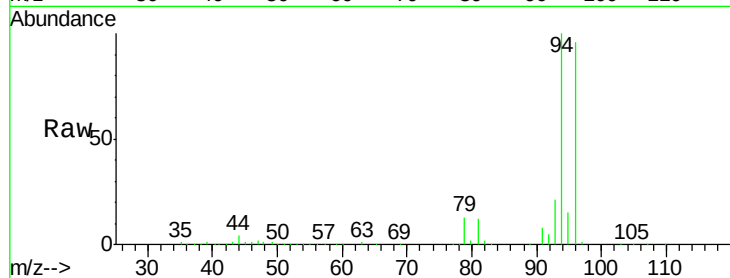
96 95.9 76.0 114.0

Manual Integrations

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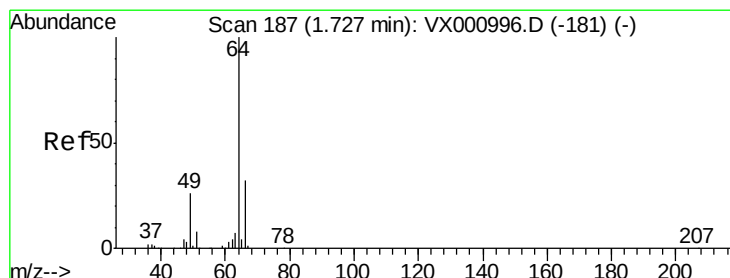
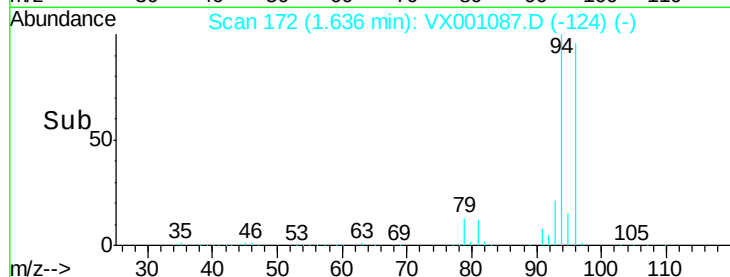
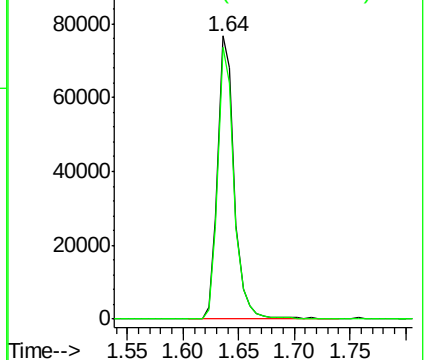
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.85 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX001087.D

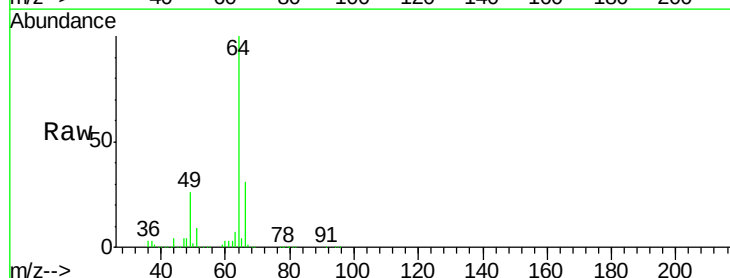
Acq: 24 Apr 2018 20:11

Tgt Ion: 64 Resp: 88256

Ion Ratio Lower Upper

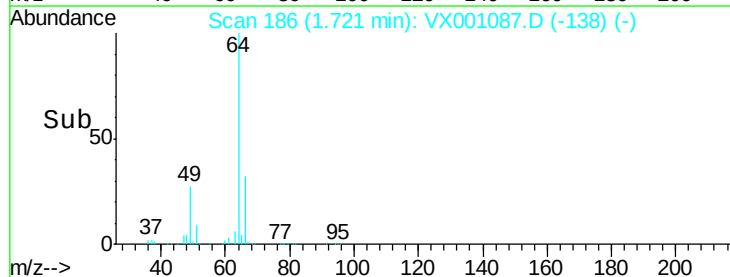
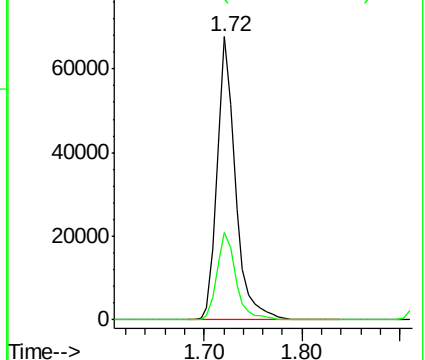
64 100

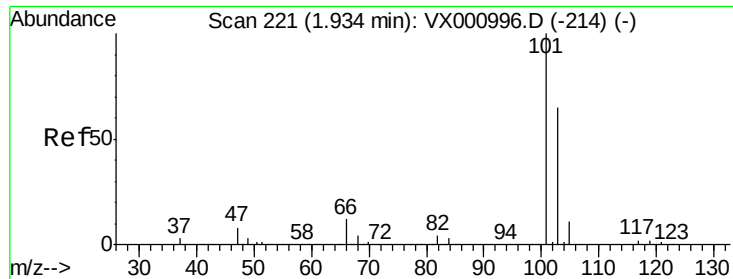
66 30.8 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

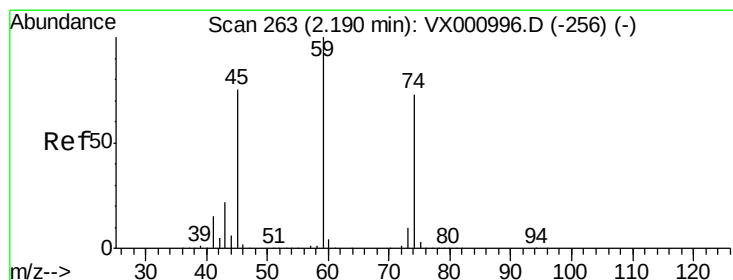
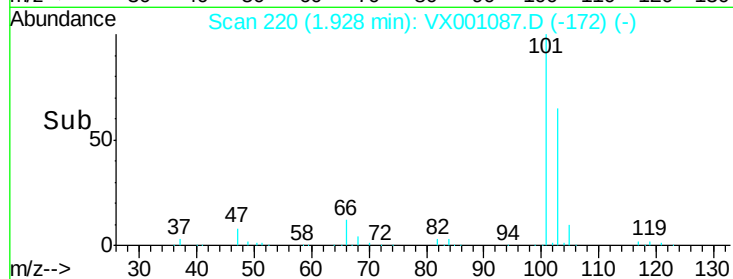
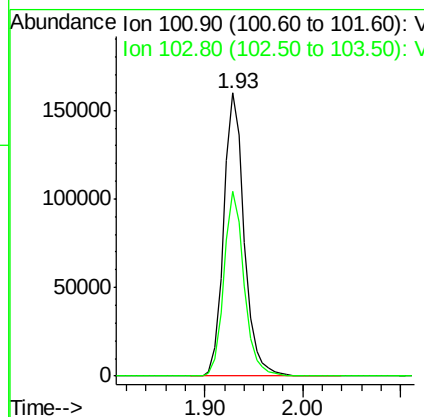
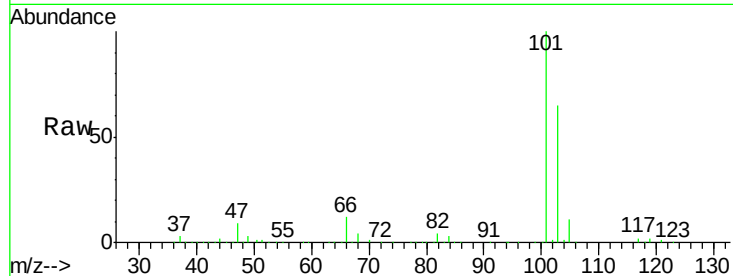
Trichlorofluoromethane
 Concen: 51.66 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VX001087.D
 Acq: 24 Apr 2018 20:11

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 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	51.8	77.8

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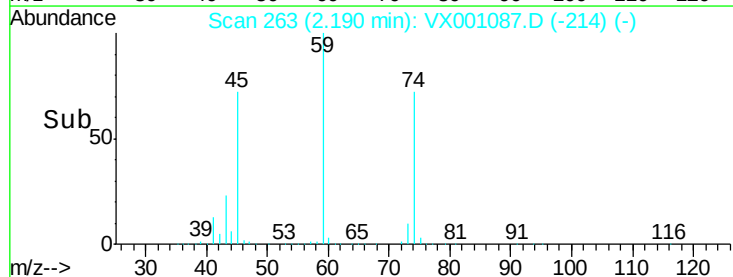
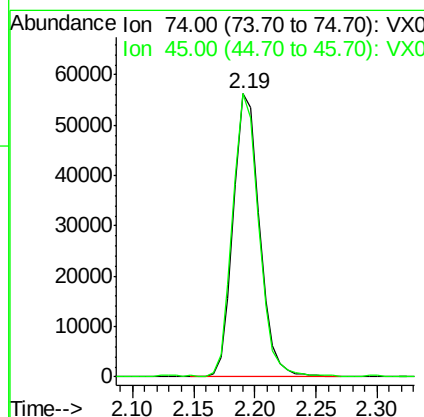
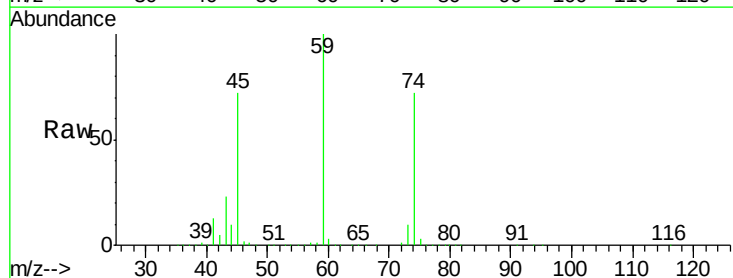
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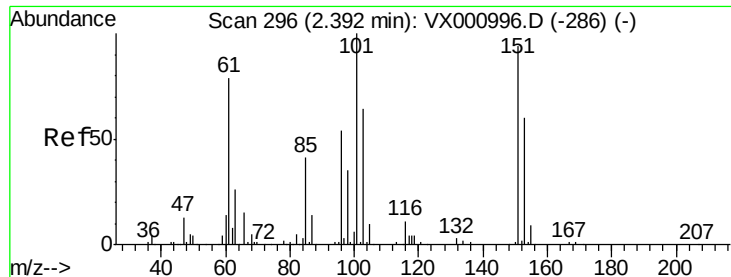


#8

Diethyl Ether
 Concen: 50.42 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX001087.D
 Acq: 24 Apr 2018 20:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.1	49.0	147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.10 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

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MSVOA_X

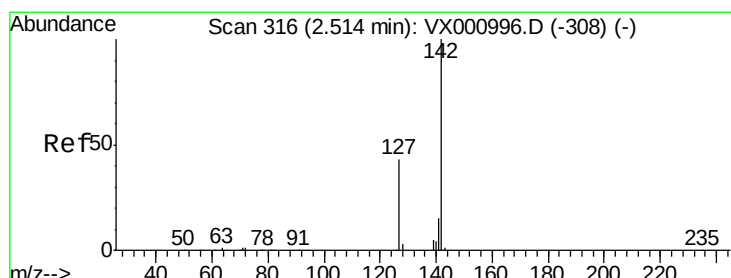
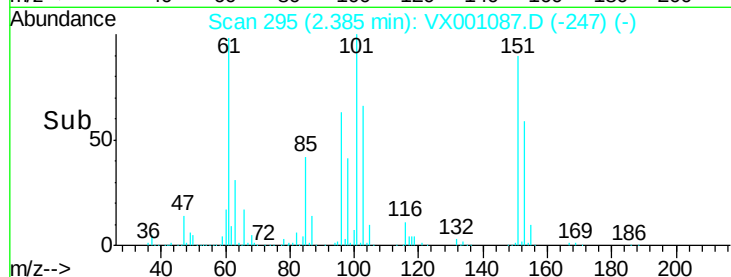
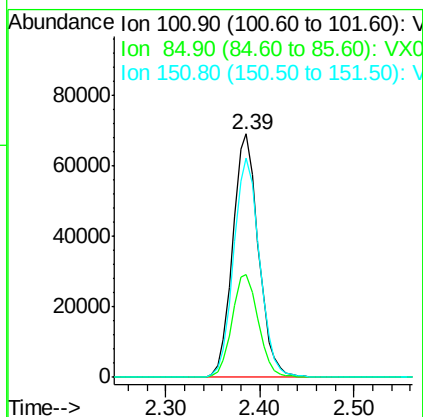
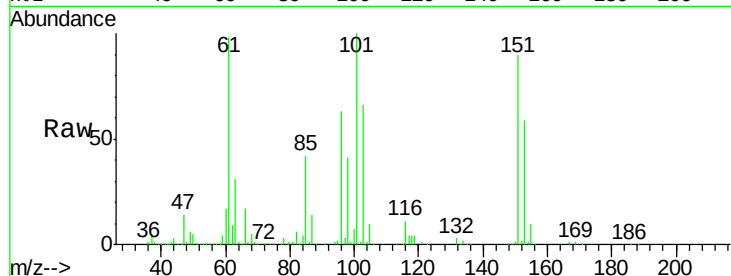
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	131417
Ion Ratio	Lower	Upper	
101	100		
85	43.3	33.9	50.9
151	91.1	73.5	110.3

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#10

Methyl Iodide

Concen: 42.06 ug/l

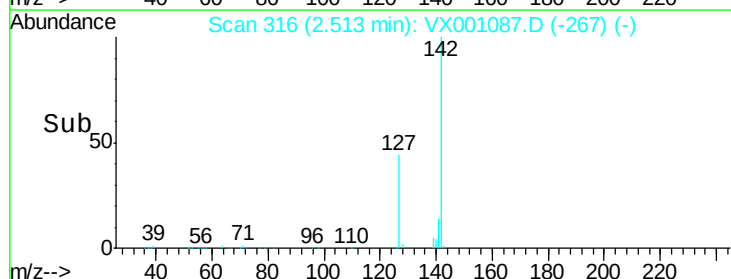
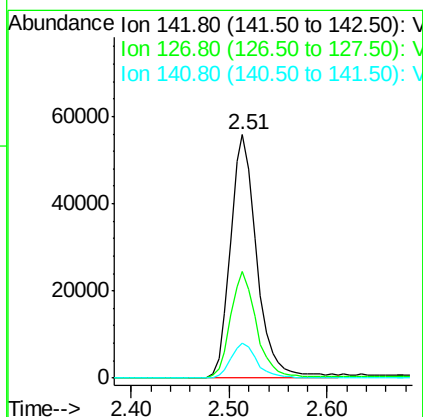
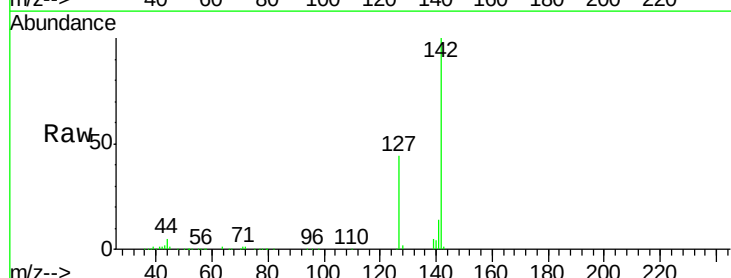
RT: 2.51 min Scan# 316

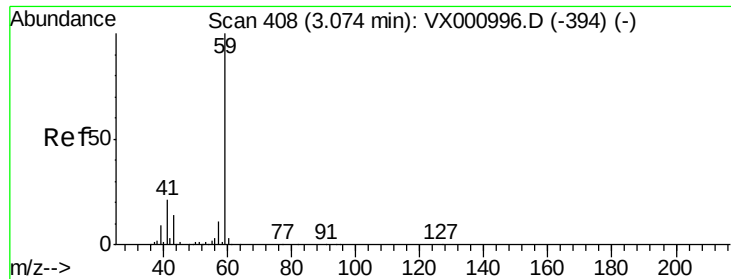
Delta R.T. 0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Tgt Ion:	142	Resp:	105174
Ion Ratio	Lower	Upper	
142	100		
127	43.4	34.0	51.0
141	14.0	11.4	17.2





#11

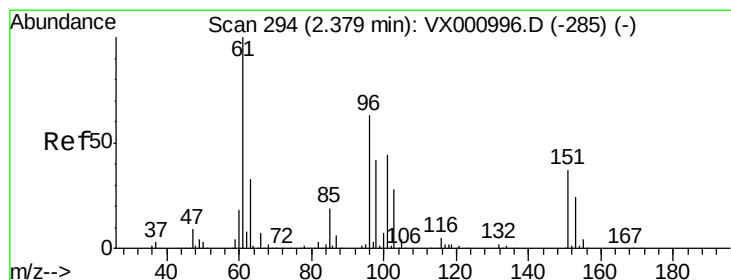
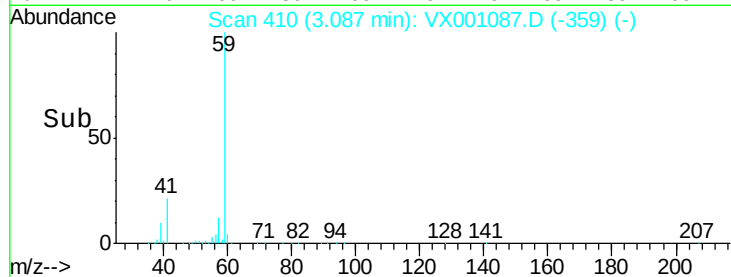
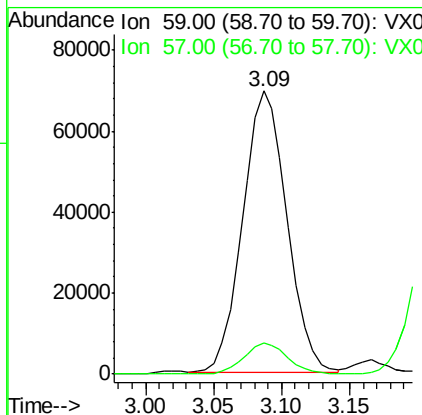
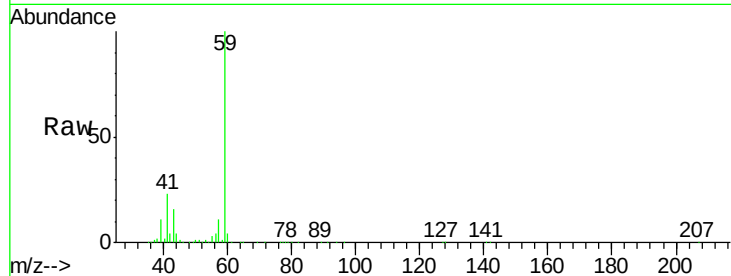
Tert butyl alcohol
 Concen: 330.68 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.01 min
 Lab File: VX001087.D
 Acq: 24 Apr 2018 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	59	Resp	157377
Ion Ratio	100	Lower	Upper
57	11.1	8.3	12.5

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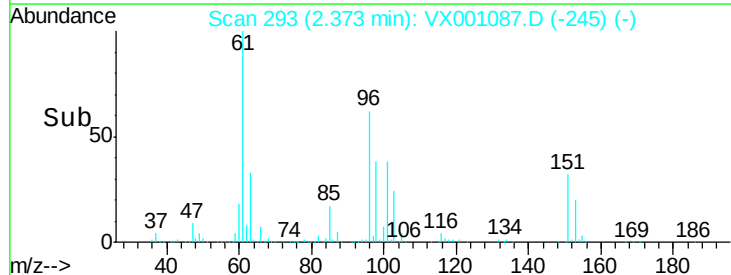
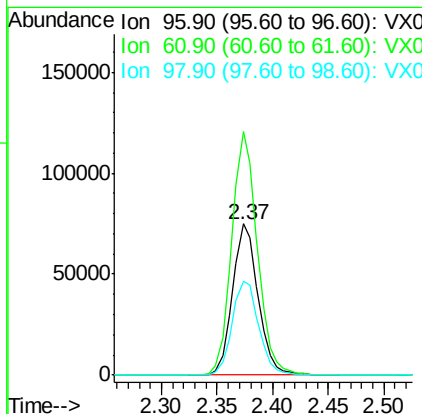
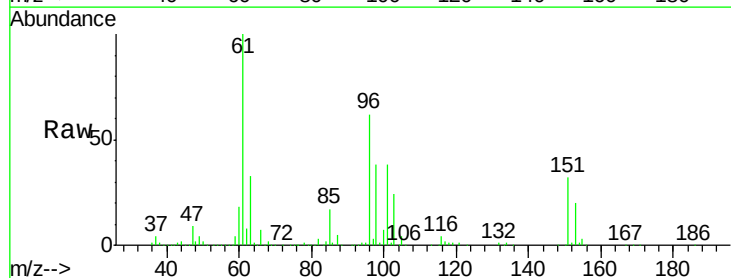
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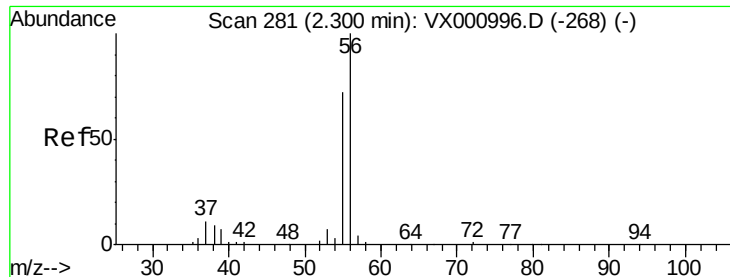


#12

1,1-Dichloroethene
 Concen: 49.04 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.01 min
 Lab File: VX001087.D
 Acq: 24 Apr 2018 20:11

Tgt Ion	96	Resp	118950
Ion Ratio	100	Lower	Upper
61	160.9	126.4	189.6
98	61.9	52.6	78.8





#13

Acrolein

Concen: 382.48 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 57609

Ion Ratio Lower Upper

56 100

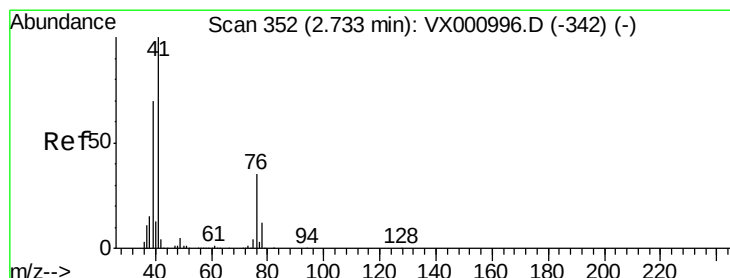
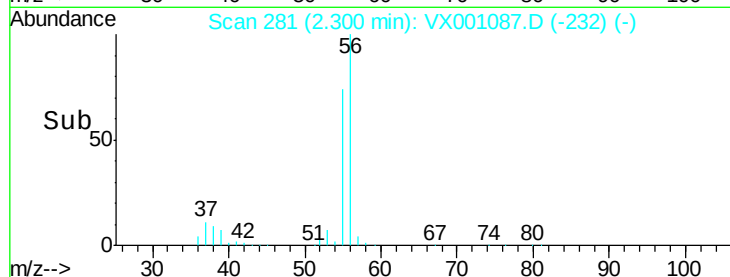
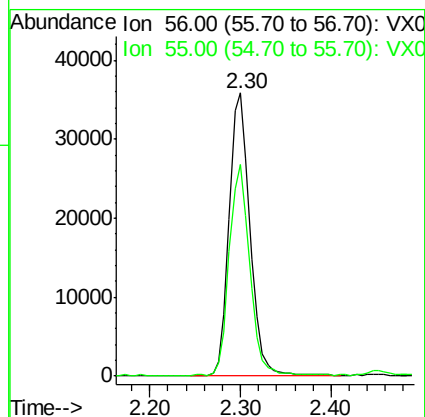
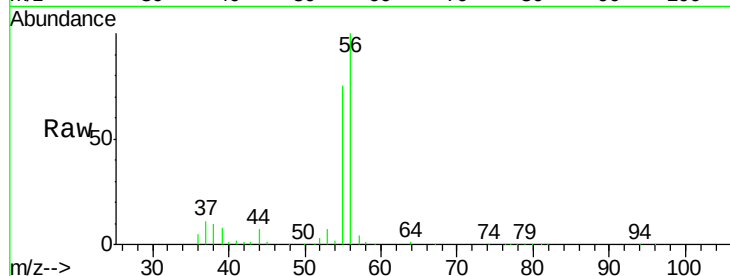
55 72.9 57.4 86.2

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#14

Allyl chloride

Concen: 51.10 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

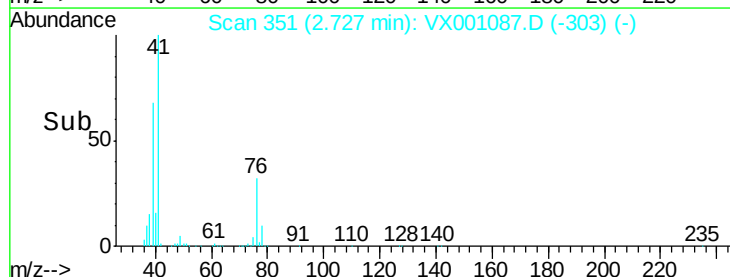
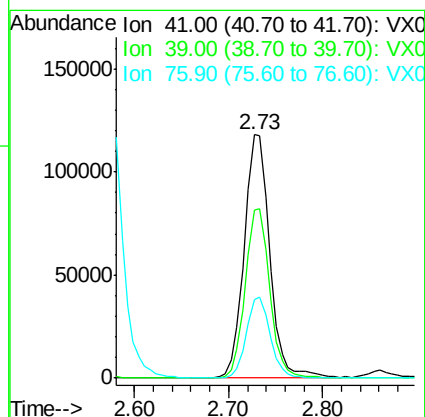
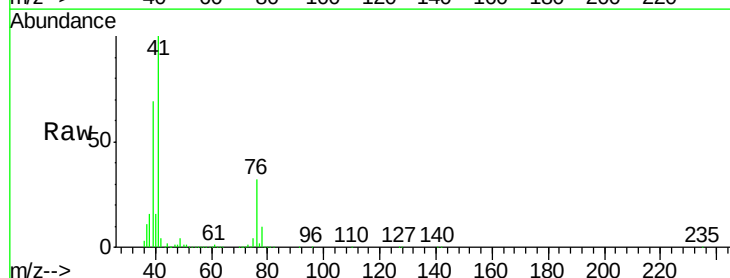
Tgt Ion: 41 Resp: 224289

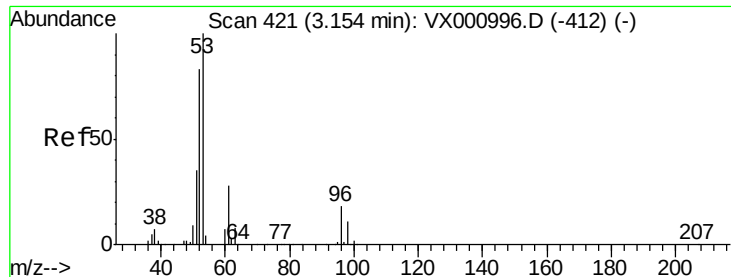
Ion Ratio Lower Upper

41 100

39 66.8 53.0 79.6

76 31.2 25.9 38.9





#15

Acrylonitrile

Concen: 278.65 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Instrument :

MSVOA_X

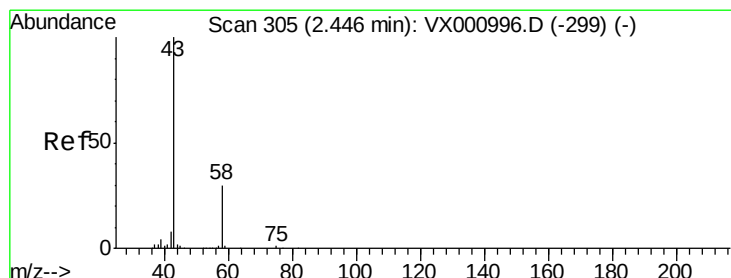
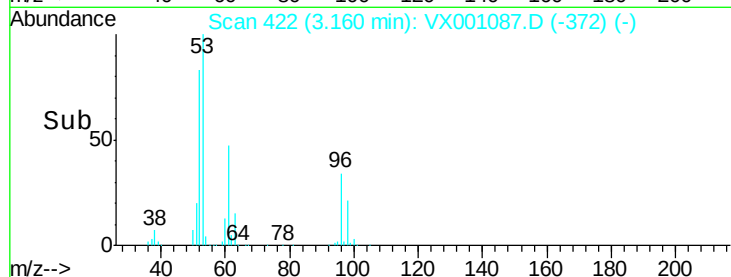
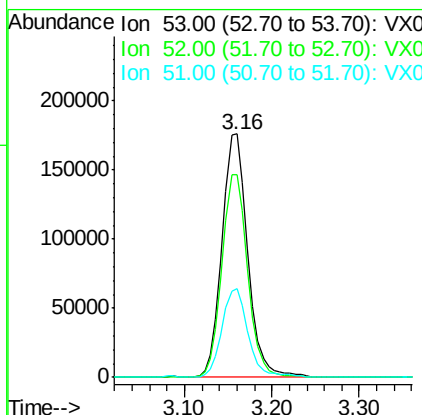
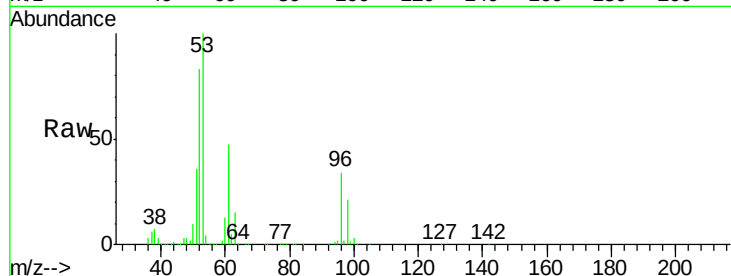
ClientSampleId :

VSTDCCC050

Tot Ion	53	Resp	358909
Ion Ratio	Lower	Upper	
53	100		
52	83.4	66.4	99.6
51	37.2	29.0	43.6

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#16

Acetone

Concen: 292.80 ug/l

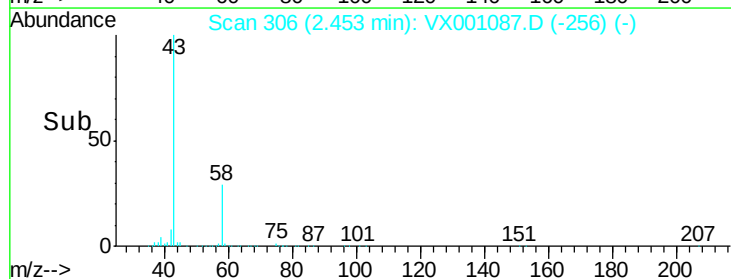
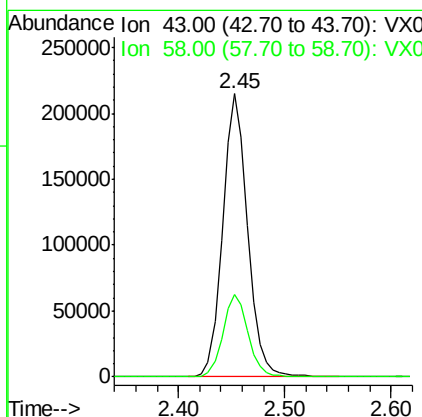
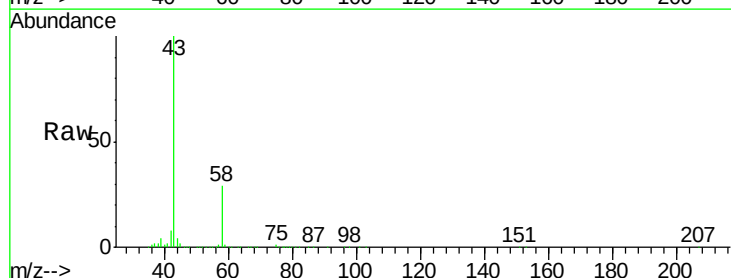
RT: 2.45 min Scan# 306

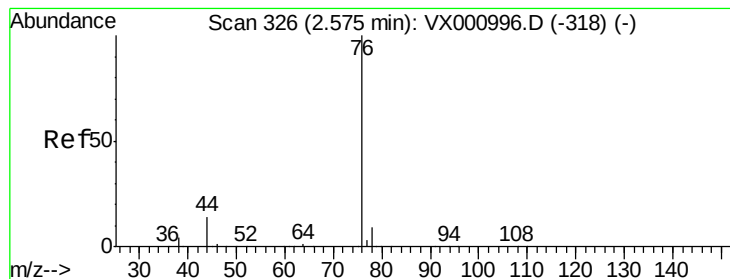
Delta R.T. 0.01 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Tgt Ion	43	Resp	347930
Ion Ratio	Lower	Upper	
43	100		
58	29.3	23.7	35.5





#17

Carbon Disulfide

Concen: 42.40 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 293106

Ion Ratio Lower Upper

76 100

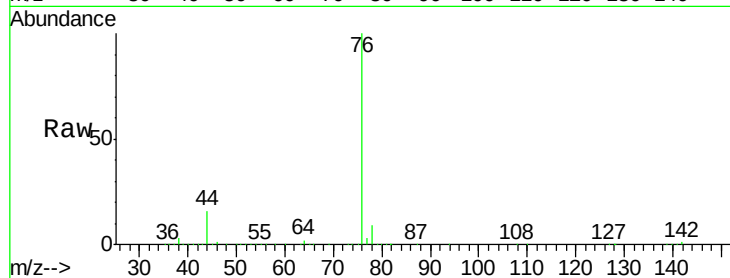
78 9.2 7.3 10.9

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

200000

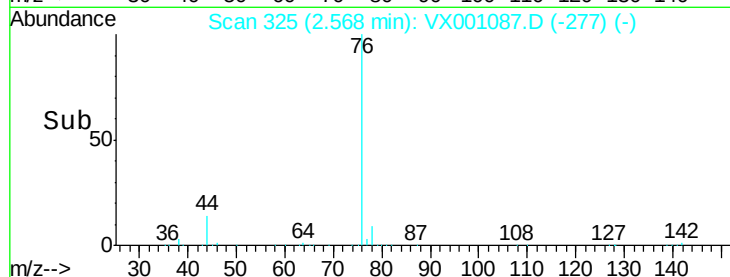
150000

100000

50000

0

Time-->

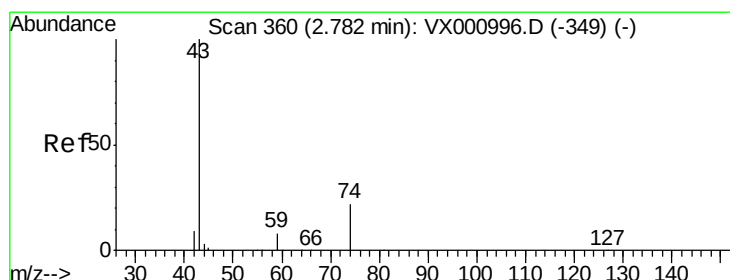


2.57

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 64.72 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX001087.D

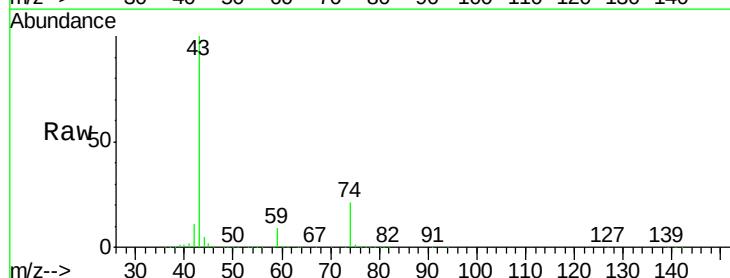
Acq: 24 Apr 2018 20:11

Tgt Ion: 43 Resp: 232720

Ion Ratio Lower Upper

43 100

74 22.8 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

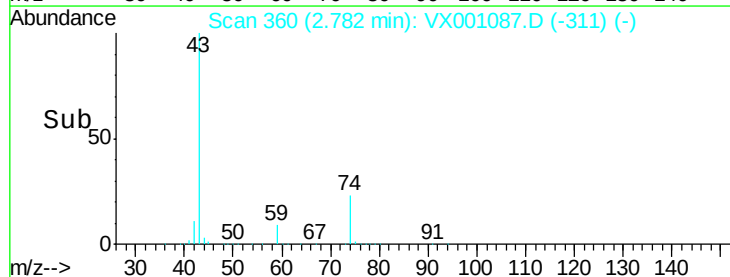
150000

100000

50000

0

Time-->



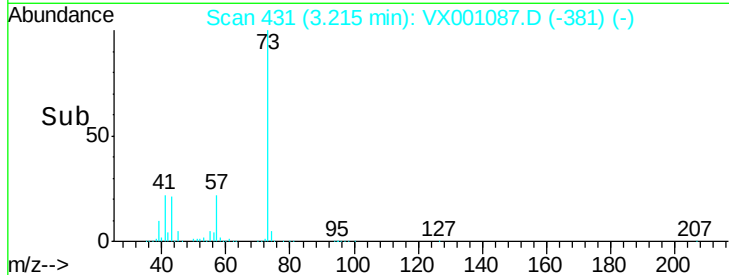
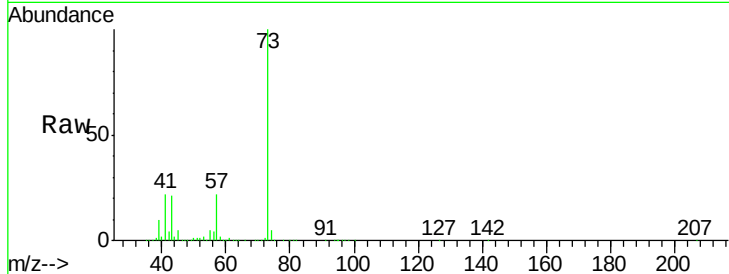
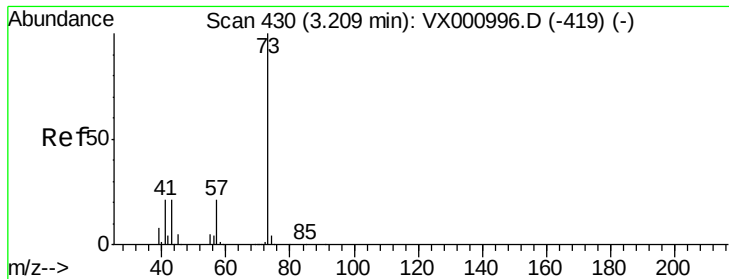
2.78

2.70

2.75

2.80

2.85



#19

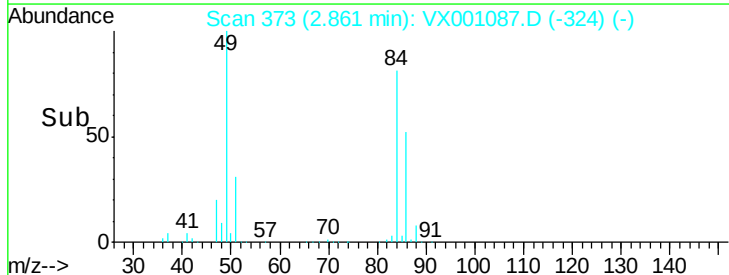
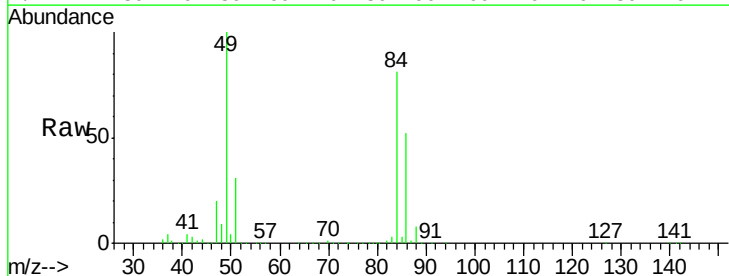
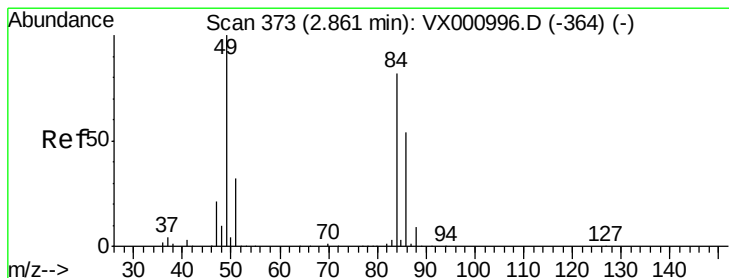
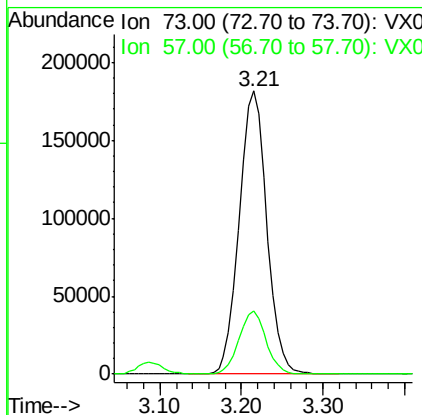
Methyl tert-butyl Ether
 Concen: 52.16 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. 0.01 min
 Lab File: VX001087.D
 Acq: 24 Apr 2018 20:11

Tot Ion	73	Resp	425314
Ion Ratio	100	Lower	Upper
73	100		
57	22.3	17.1	25.7

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

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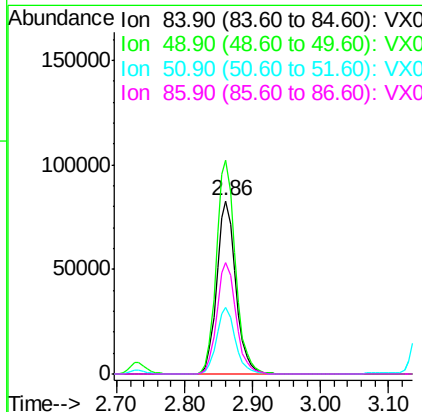
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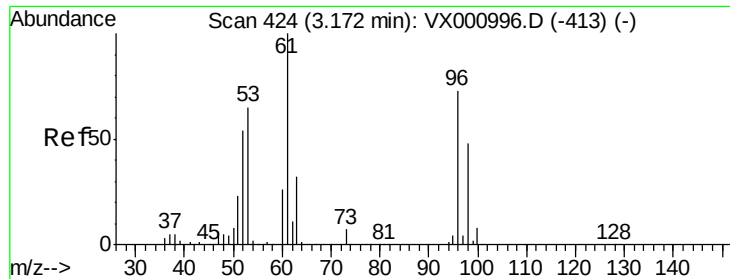


#20

Methylene Chloride
 Concen: 64.01 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. -0.00 min
 Lab File: VX001087.D
 Acq: 24 Apr 2018 20:11

Tgt Ion	84	Resp	159249
Ion Ratio	100	Lower	Upper
84	100		
49	123.1	97.1	145.7
51	38.3	30.8	46.2
86	64.1	52.3	78.5





#21

trans-1,2-Dichloroethene

Concen: 47.72 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Instrument :

MSVOA_X

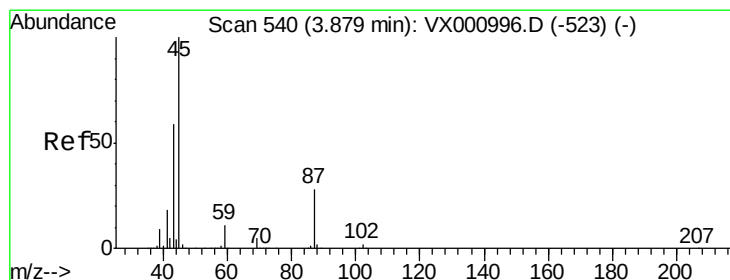
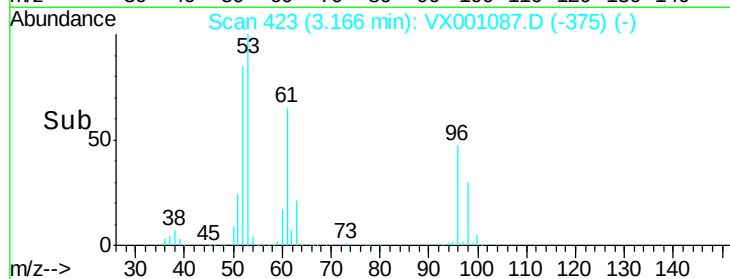
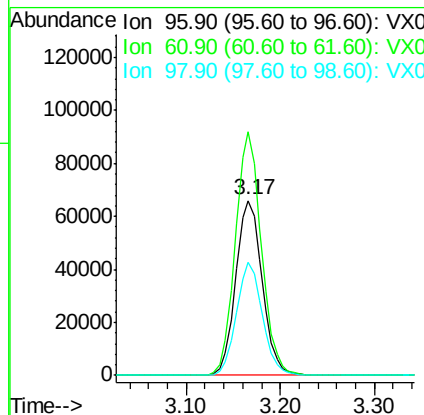
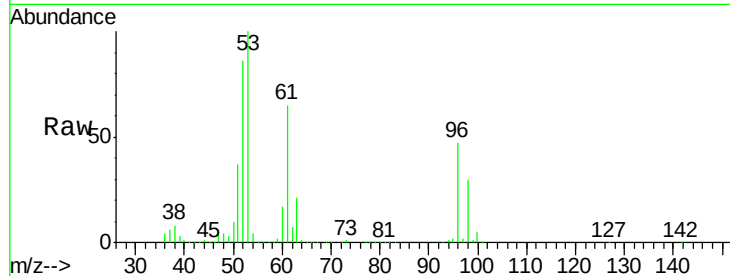
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	128846
Ion	Ratio	Lower	Upper
96	100		
61	139.1	109.4	164.2
98	64.9	52.6	78.8

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#22

Diisopropyl ether

Concen: 51.60 ug/l

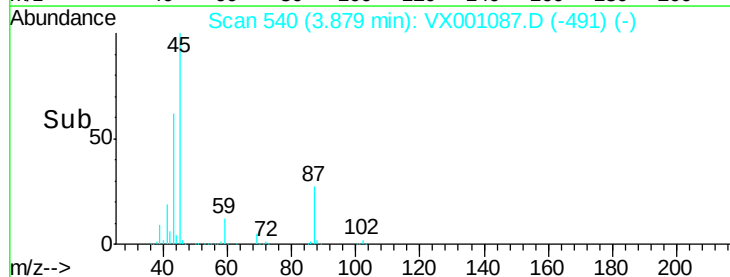
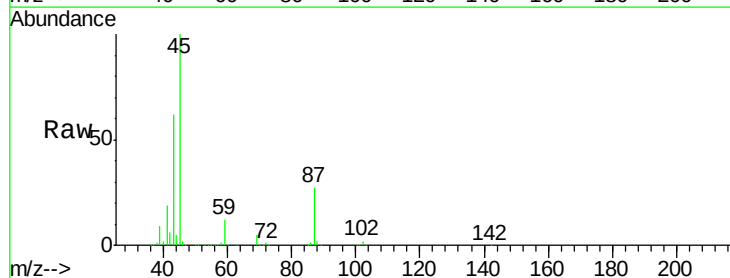
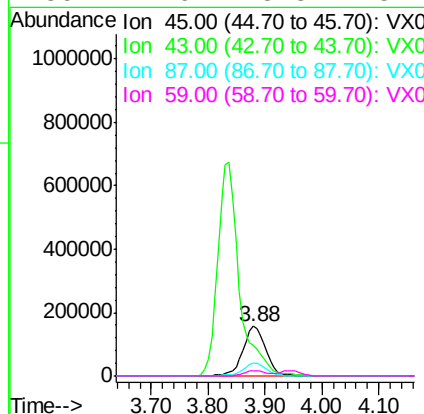
RT: 3.88 min Scan# 540

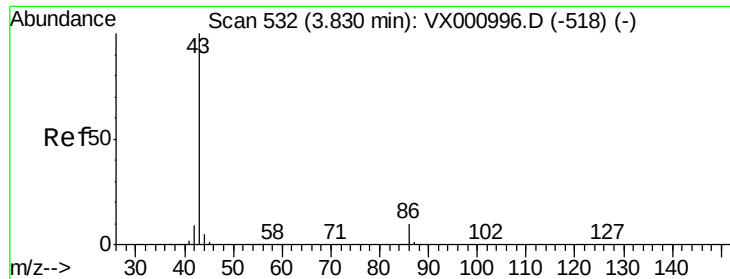
Delta R.T. -0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Tgt Ion:	45	Resp:	438493
Ion	Ratio	Lower	Upper
45	100		
43	61.8	47.0	70.4
87	26.9	22.5	33.7
59	11.6	8.8	13.2





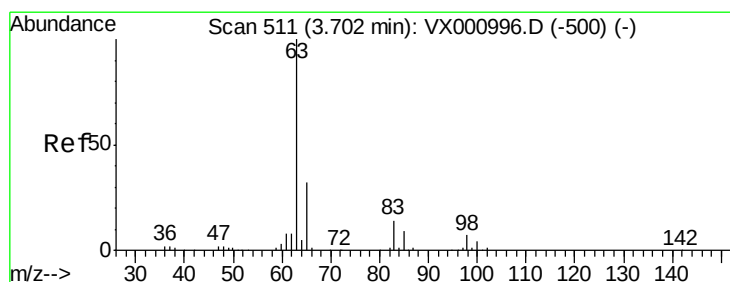
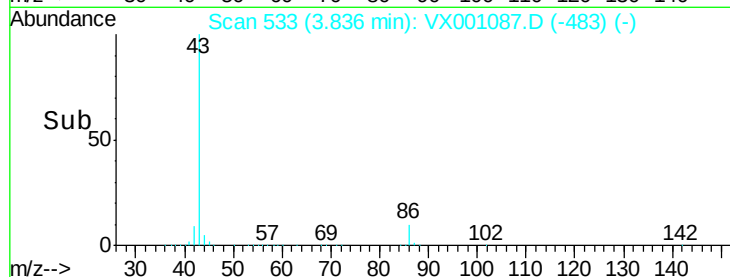
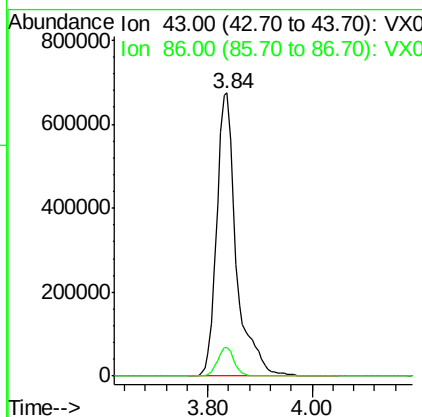
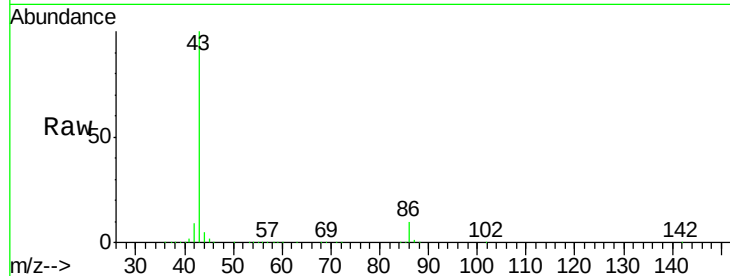
#23
 Vinyl Acetate
 Concen: 253.56 ug/l
 RT: 3.84 min Scan# 533
 Delta R.T. 0.01 min
 Lab File: VX001087.D
 Acq: 24 Apr 2018 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 1783761
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.1 12.1

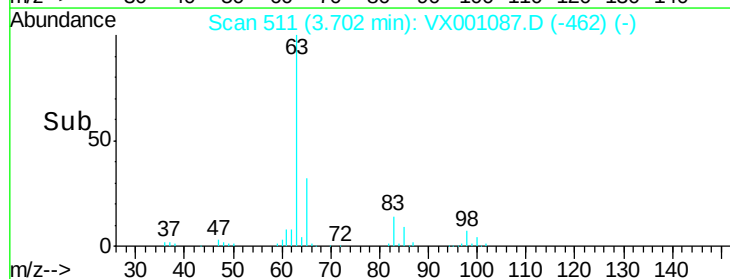
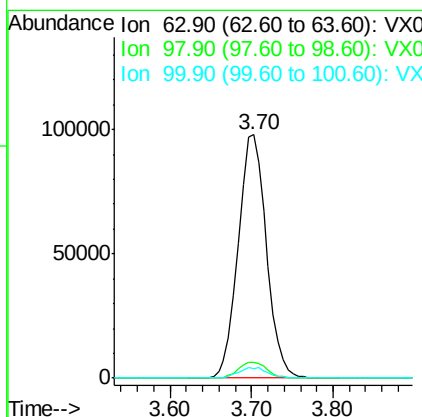
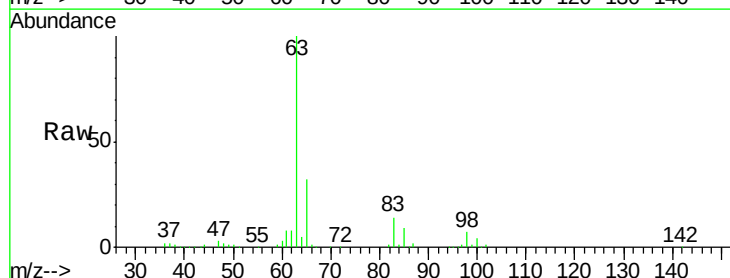
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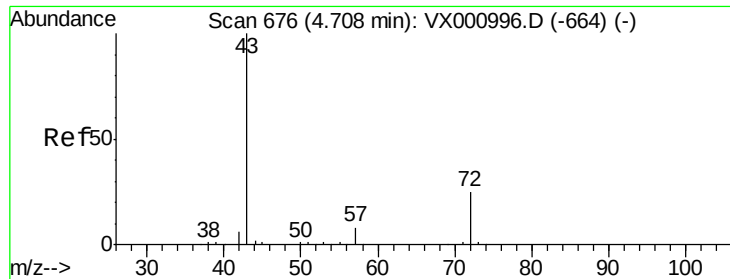
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#24
 1,1-Dichloroethane
 Concen: 49.17 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: VX001087.D
 Acq: 24 Apr 2018 20:11

Tgt Ion: 63 Resp: 234355
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.4 10.1
 100 4.0 2.1 6.3





#25

2-Butanone

Concen: 284.06 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 526929

Ion Ratio Lower Upper

43 100

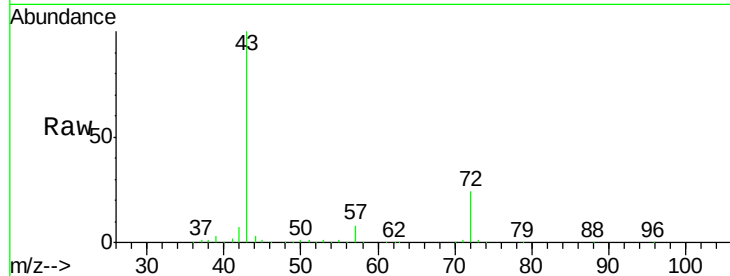
72 23.9 19.9 29.9

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

100000

50000

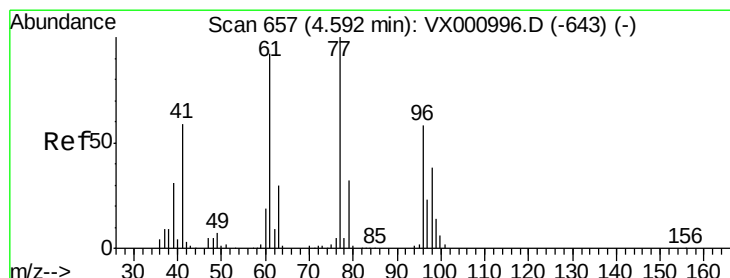
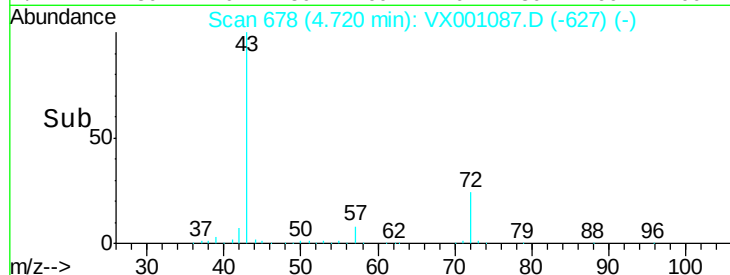
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 45.68 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX001087.D

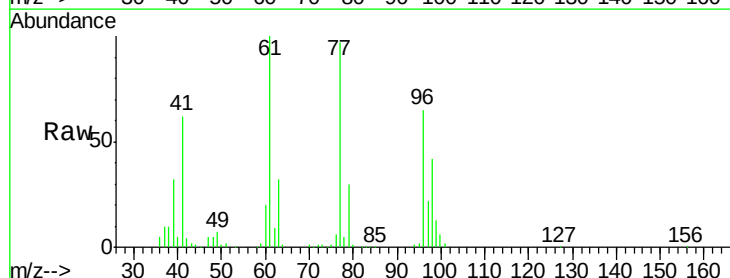
Acq: 24 Apr 2018 20:11

Tgt Ion: 77 Resp: 187290

Ion Ratio Lower Upper

77 100

97 22.9 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

40000

20000

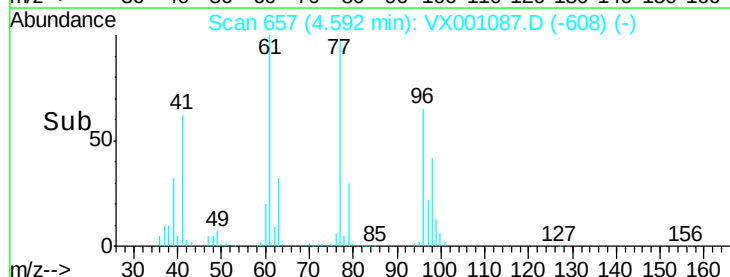
0

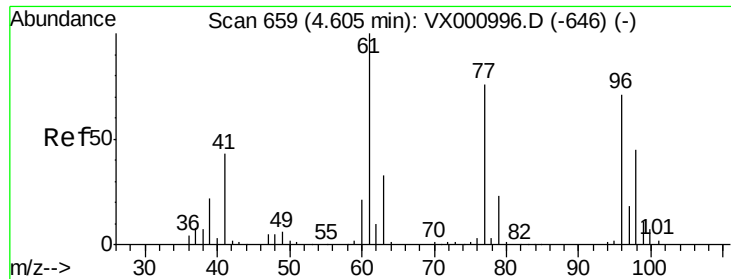
4.50

4.60

4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 48.46 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Instrument :

MSVOA_X

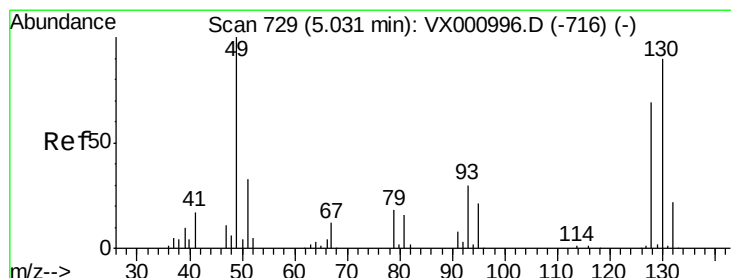
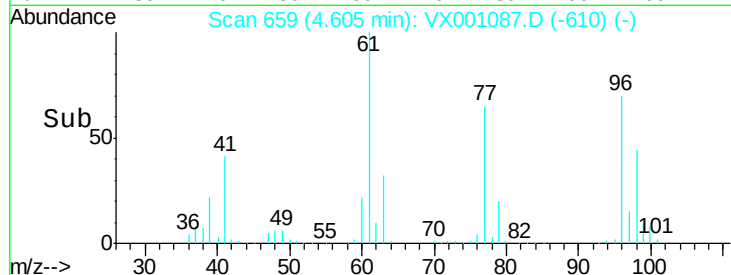
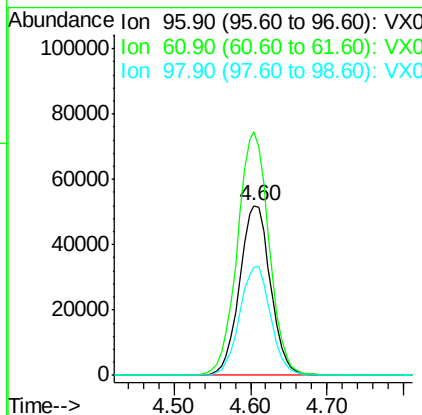
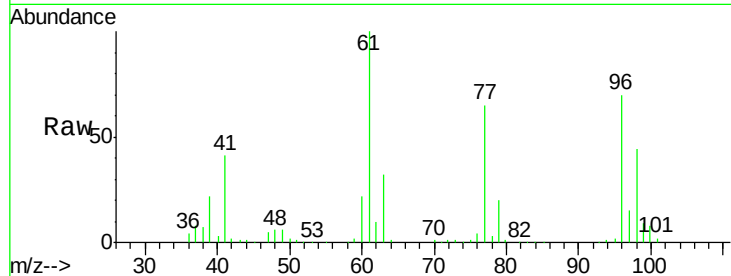
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	145747
Ion	Ratio	Lower	Upper
96	100		
61	147.0	0.0	297.0
98	64.3	0.0	130.0

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#28

Bromochloromethane

Concen: 60.77 ug/l

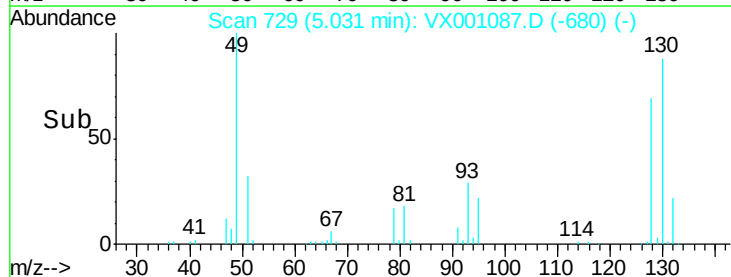
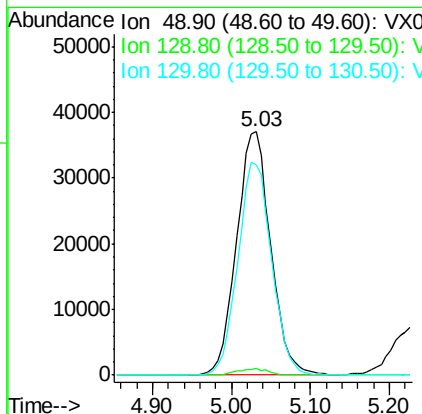
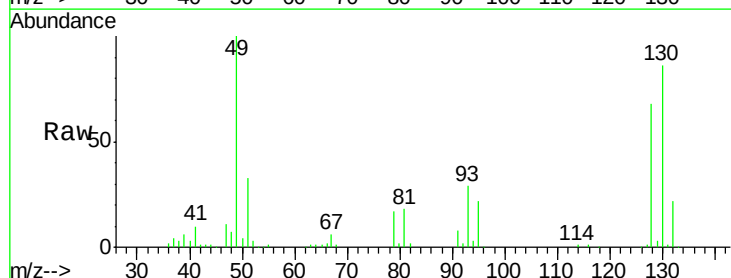
RT: 5.03 min Scan# 729

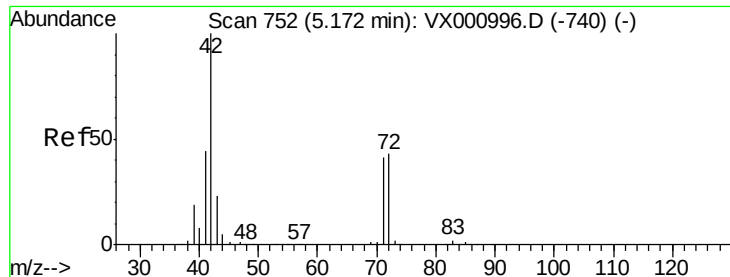
Delta R.T. -0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Tgt Ion:	49	Resp:	111381
Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.8
130	86.5	70.6	105.8





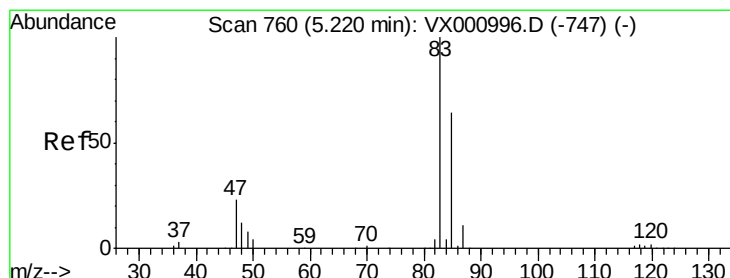
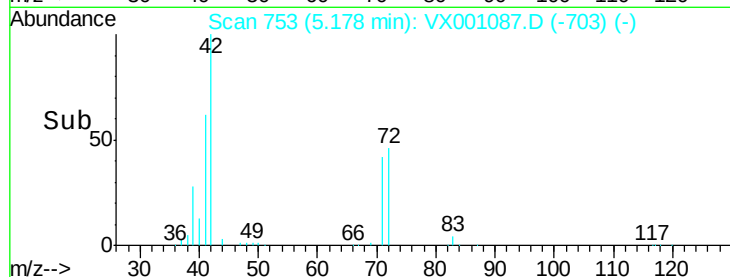
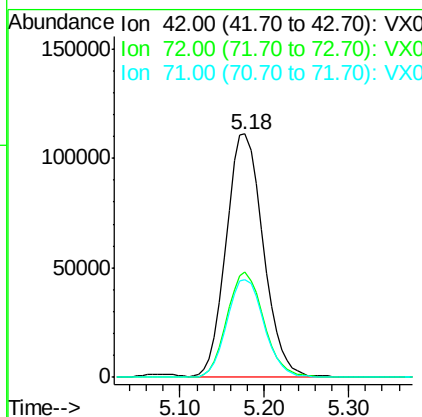
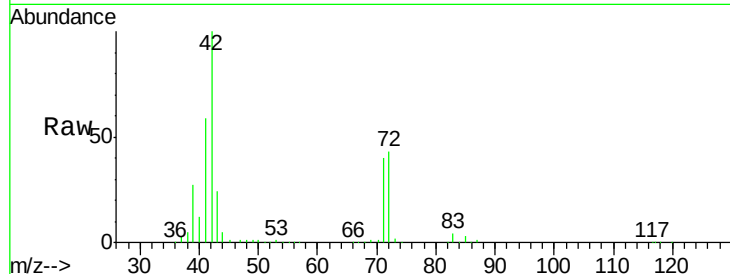
#29
Tetrahydrofuran
Concen: 282.66 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX001087.D
Acq: 24 Apr 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.2	34.6	52.0
71	40.7	32.6	49.0

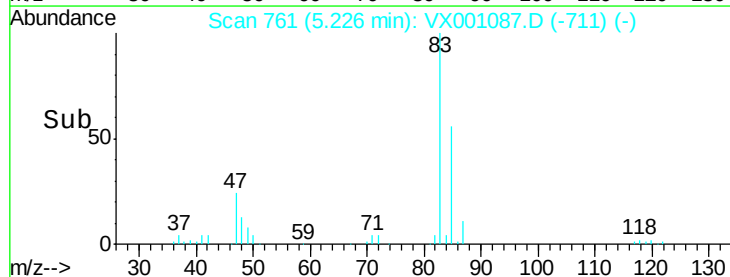
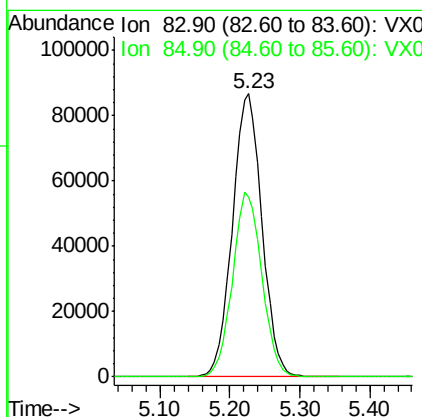
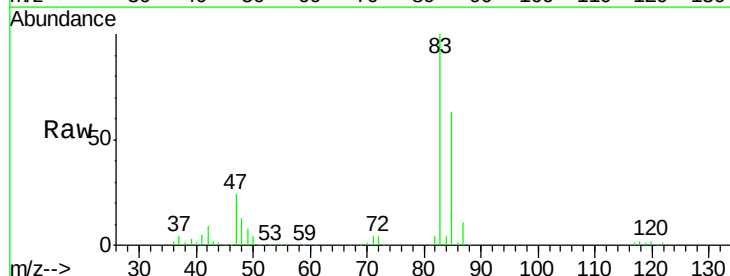
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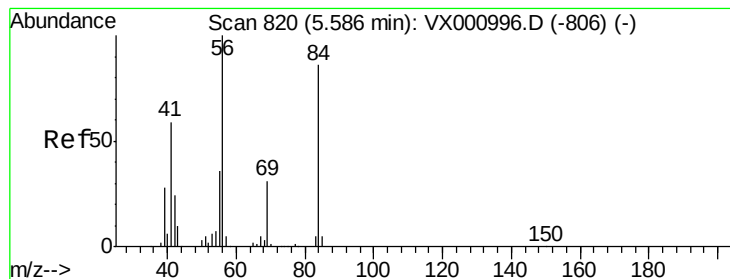
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#30
Chloroform
Concen: 51.43 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX001087.D
Acq: 24 Apr 2018 20:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.3	76.9





#31

Cyclohexane

Concen: 46.75 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Instrument :

MSVOA_X

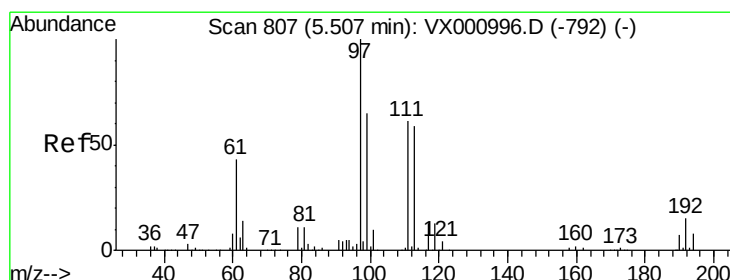
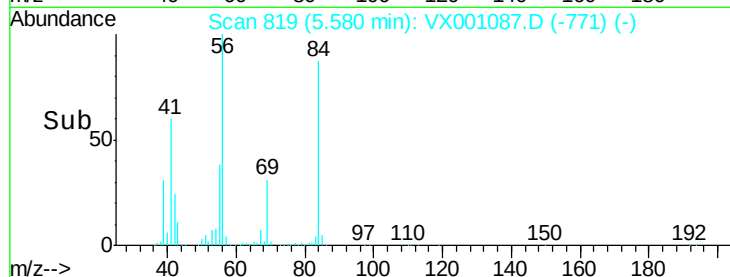
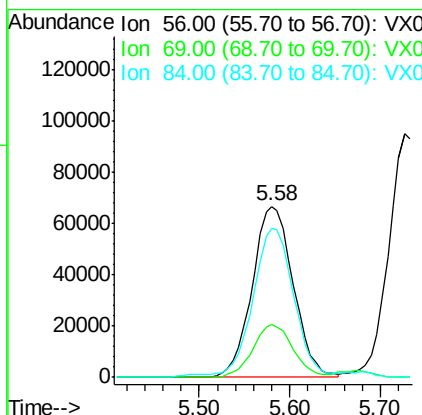
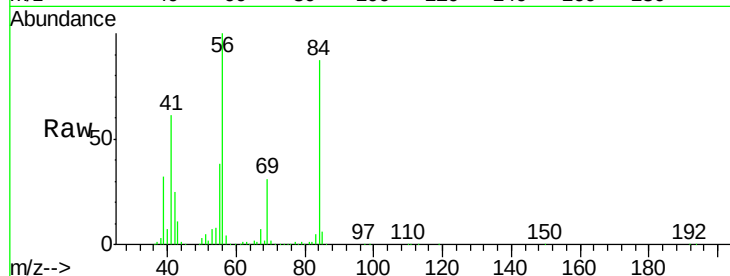
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	208003
Ion	Ratio	Lower	Upper
56	100		
69	30.8	24.6	36.8
84	85.4	69.0	103.6

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#32

1,1,1-Trichloroethane

Concen: 51.44 ug/l

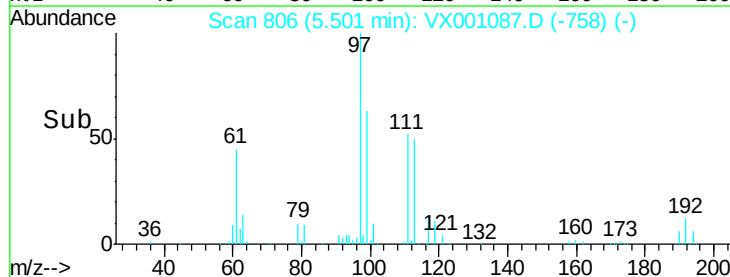
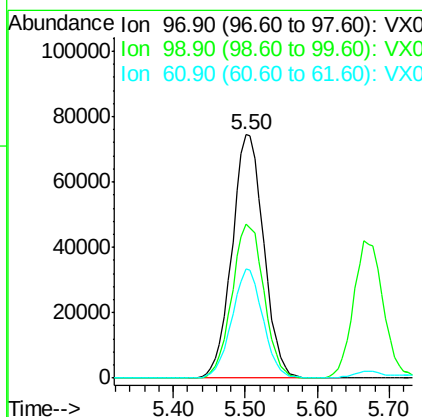
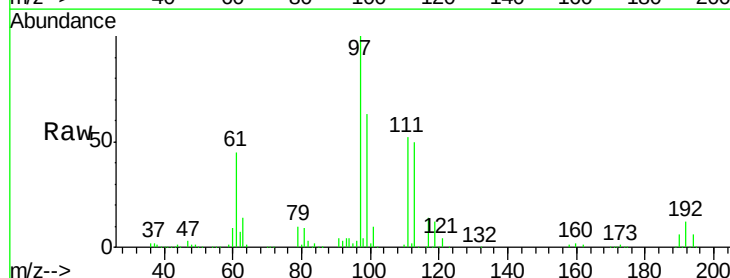
RT: 5.50 min Scan# 806

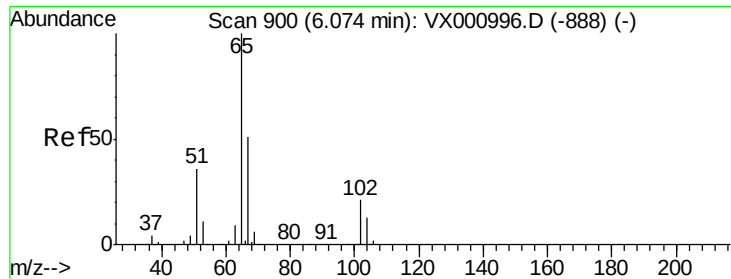
Delta R.T. -0.01 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Tgt Ion:	97	Resp:	227679
Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.1	76.7
61	44.0	34.4	51.6





#33

1,2-Dichloroethane-d4

Concen: 48.61 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 153413

Ion Ratio Lower Upper

65 100

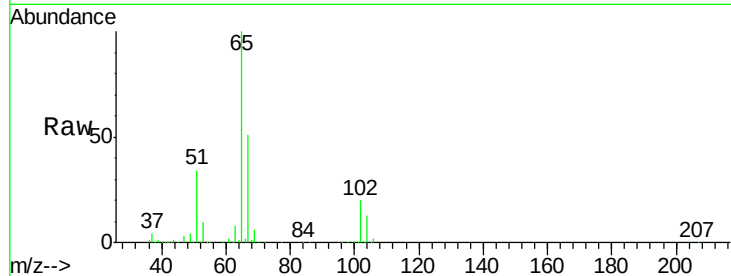
67 50.9 0.0 102.6

Manual Integrations

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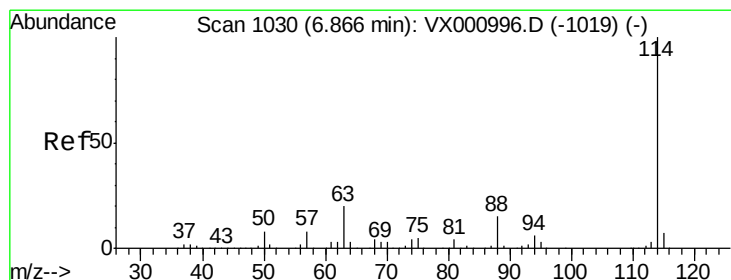
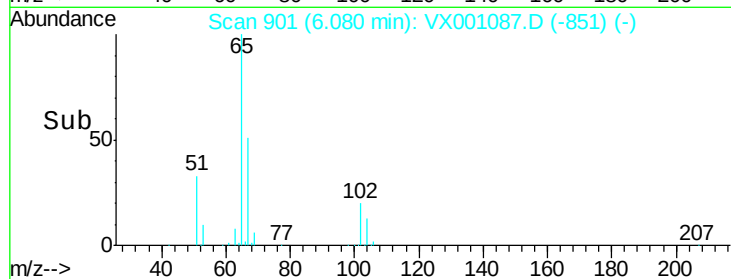
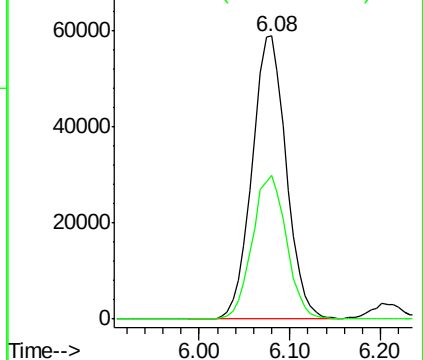
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

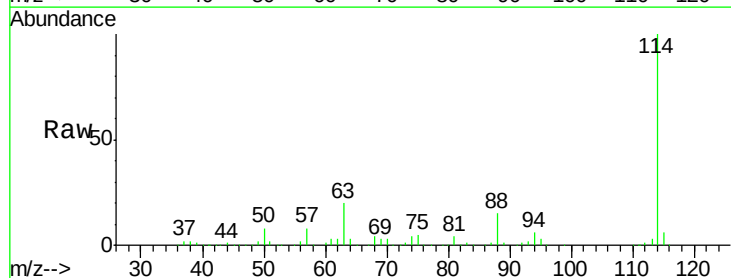
Tgt Ion: 114 Resp: 338823

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.4

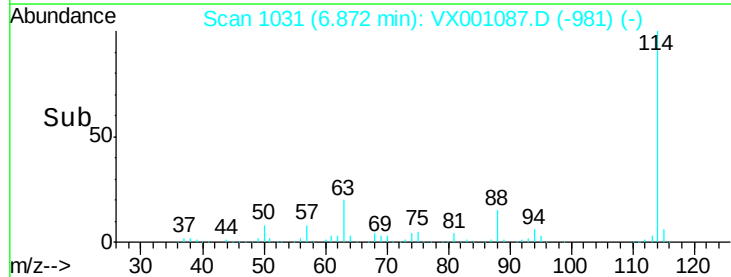
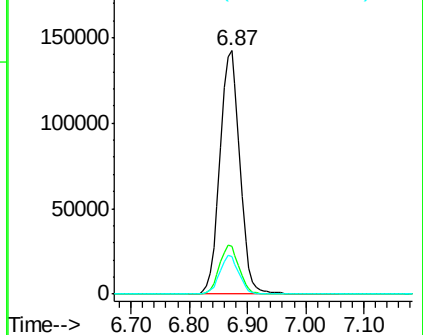
88 15.4 0.0 29.8

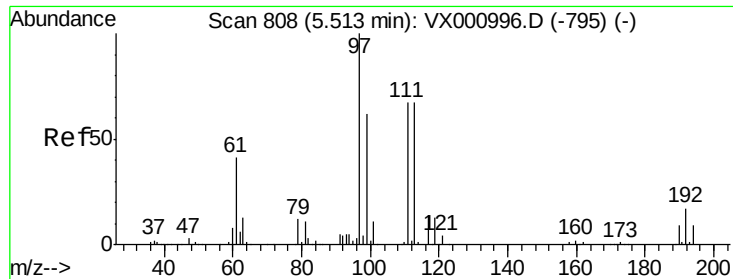


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.84 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Instrument :

MSVOA_X

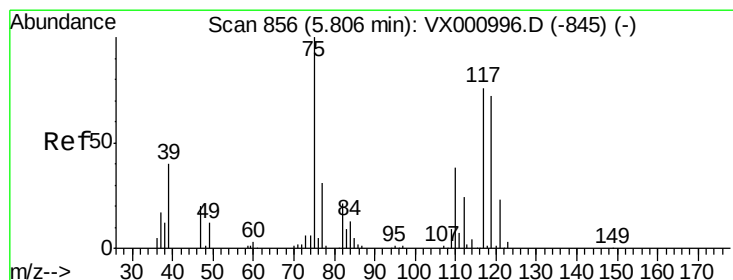
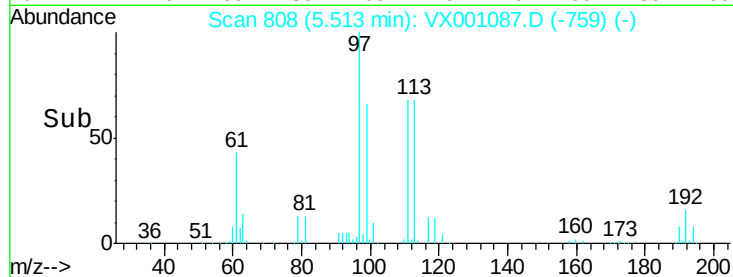
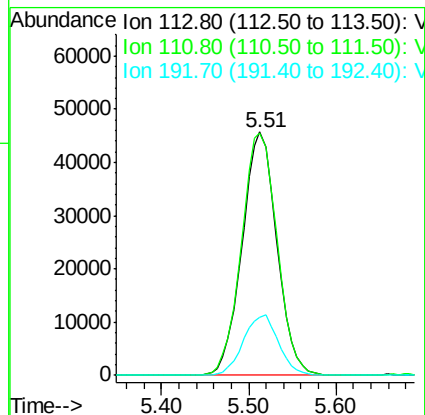
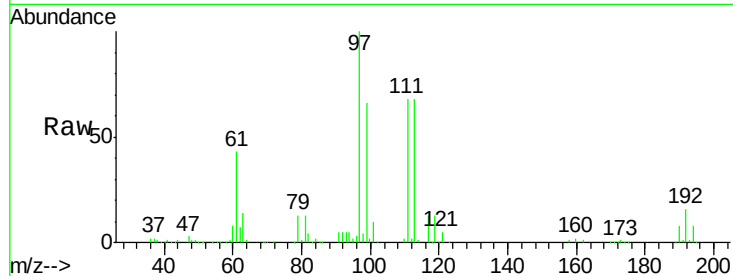
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	126193
Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.4	122.2
192	25.2	20.4	30.6

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#36

1,1-Dichloropropene

Concen: 46.20 ug/l

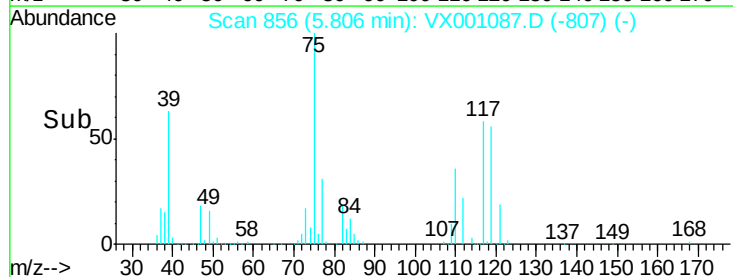
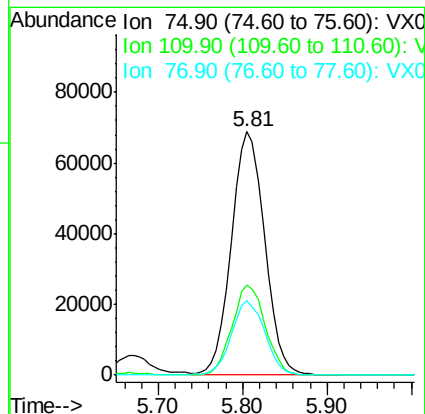
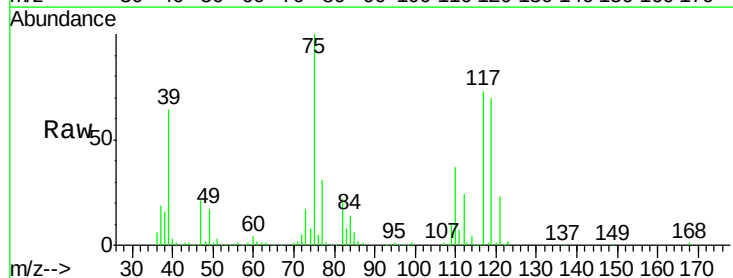
RT: 5.81 min Scan# 856

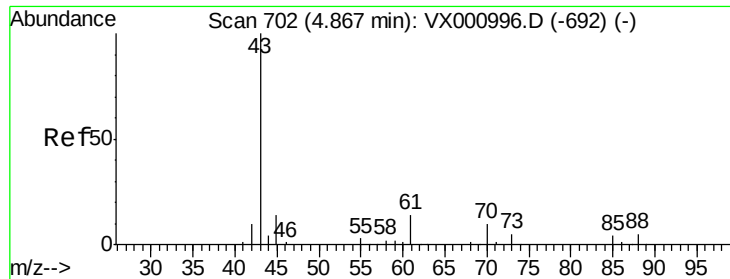
Delta R.T. -0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Tgt Ion:	75	Resp:	183954
Ion	Ratio	Lower	Upper
75	100		
110	37.1	18.7	56.1
77	31.2	25.0	37.4





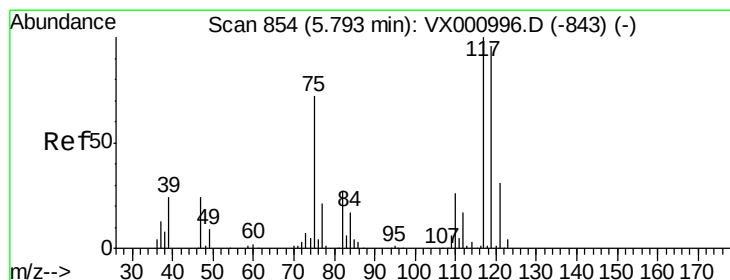
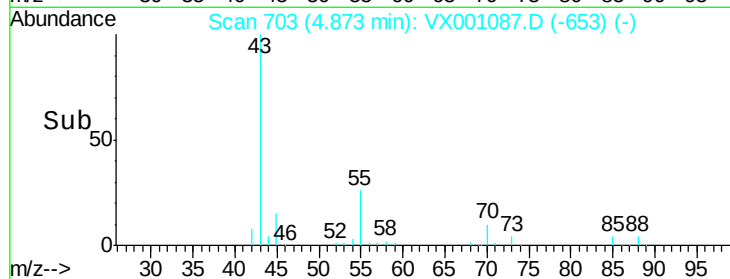
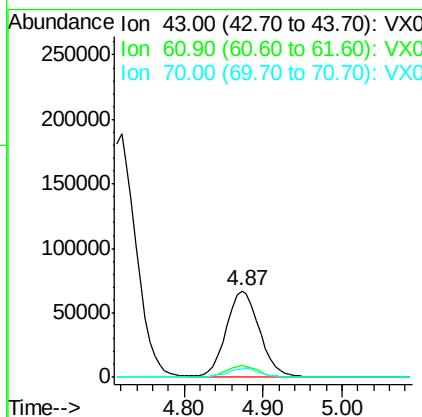
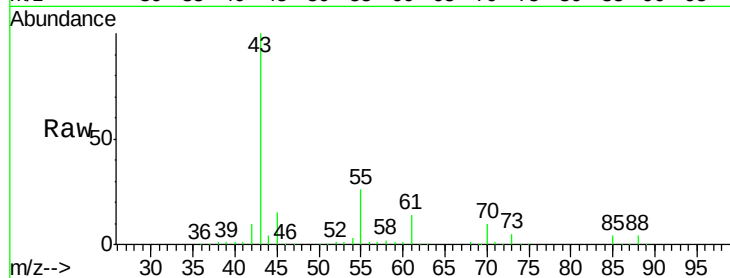
#37
Ethyl Acetate
Concen: 53.69 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX001087.D
Acq: 24 Apr 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	196077
Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.7	16.1
70	10.3	8.3	12.5

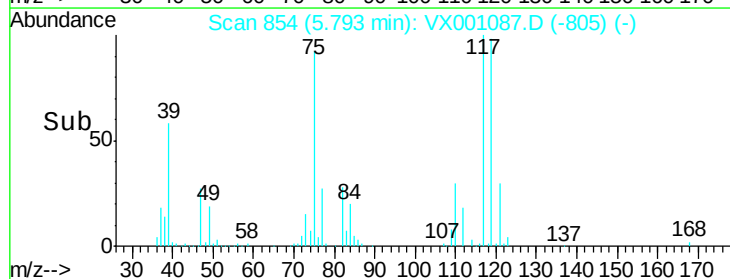
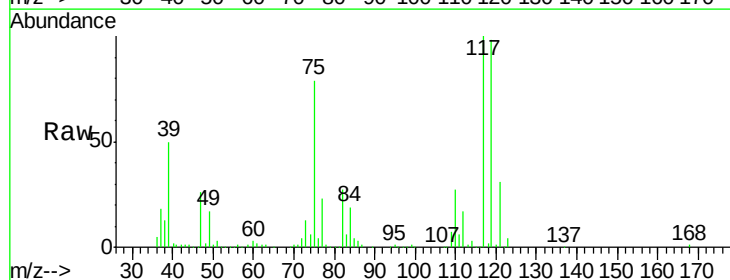
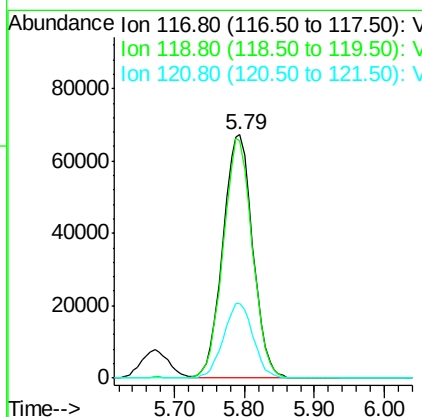
Manual Integrations
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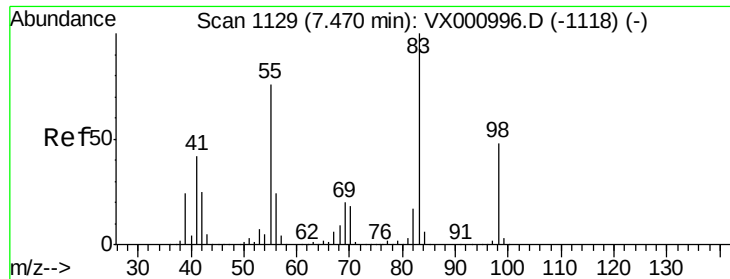
Sohil
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#38
Carbon Tetrachloride
Concen: 49.52 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX001087.D
Acq: 24 Apr 2018 20:11

Tgt Ion:	117	Resp:	199651
Ion	Ratio	Lower	Upper
117	100		
119	97.5	76.5	114.7
121	30.8	24.5	36.7





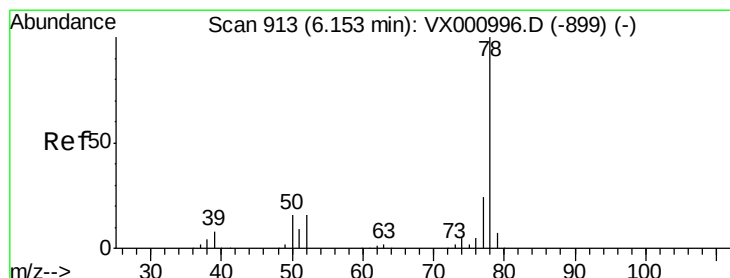
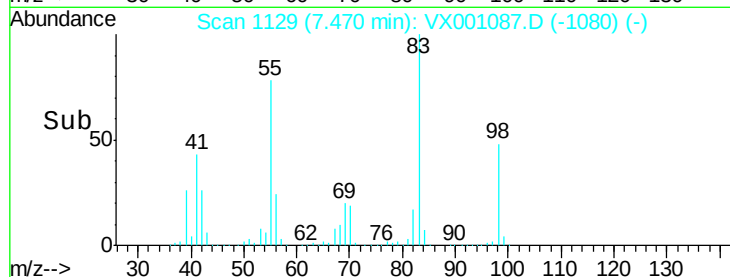
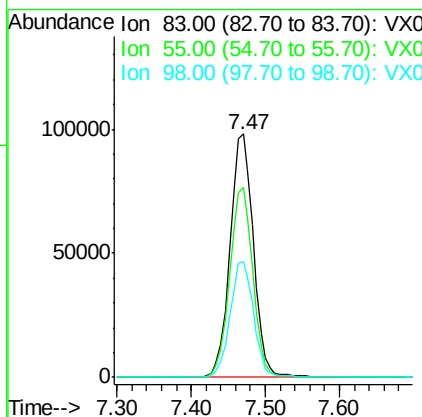
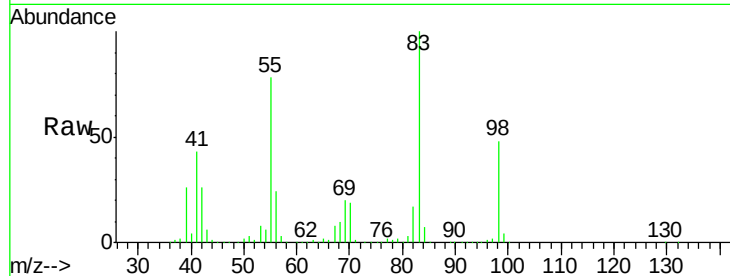
#39
Methylvlcyclohexane
Concen: 46.66 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX001087.D
Acq: 24 Apr 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.8	60.6	91.0
98	47.7	38.2	57.4

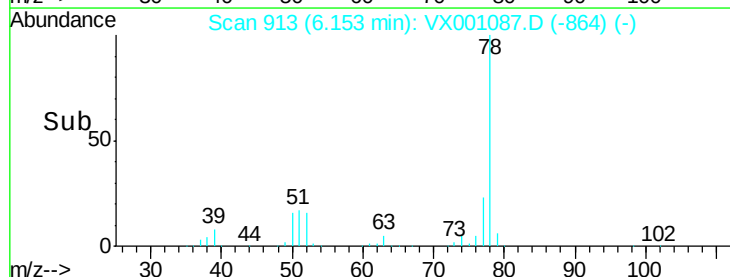
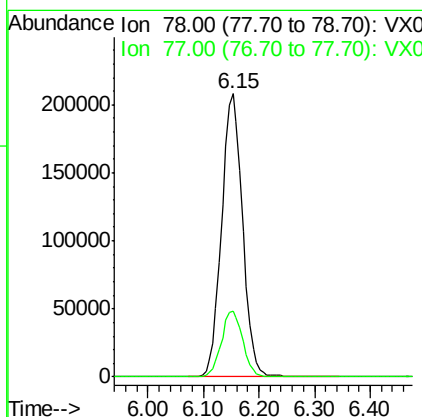
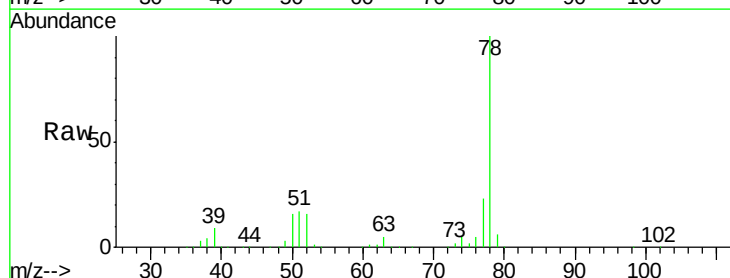
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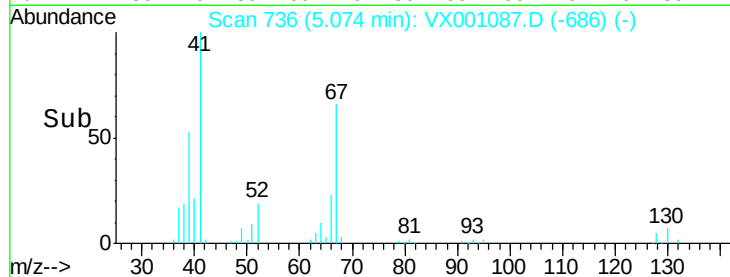
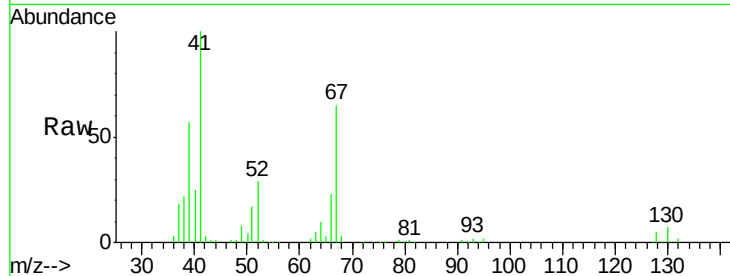
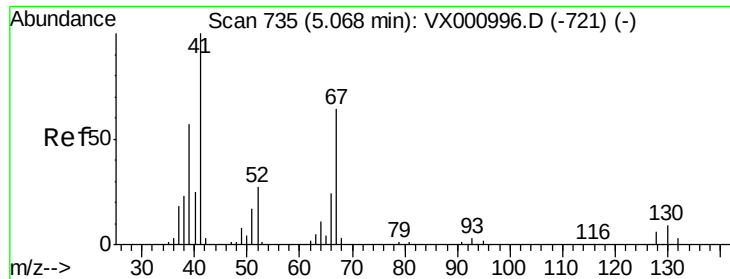
Sohil
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#40
Benzene
Concen: 48.98 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX001087.D
Acq: 24 Apr 2018 20:11

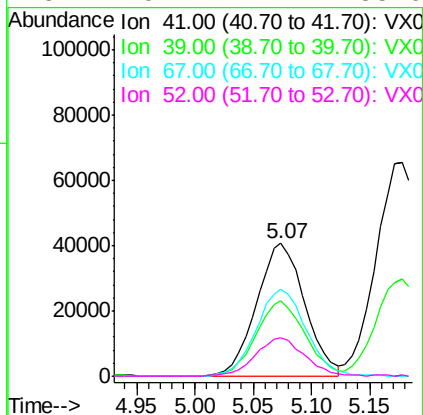
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.9	28.3





#41
Methacrylonitrile
Concen: 51.03 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001087.D
Acq: 24 Apr 2018 20:11

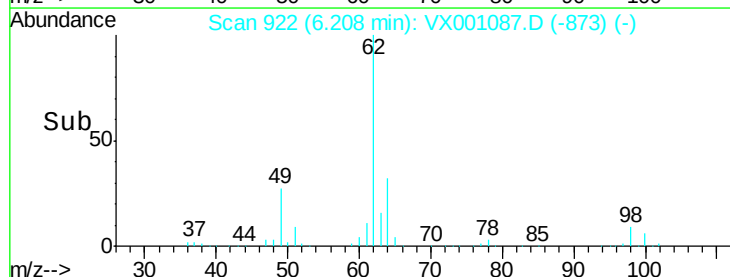
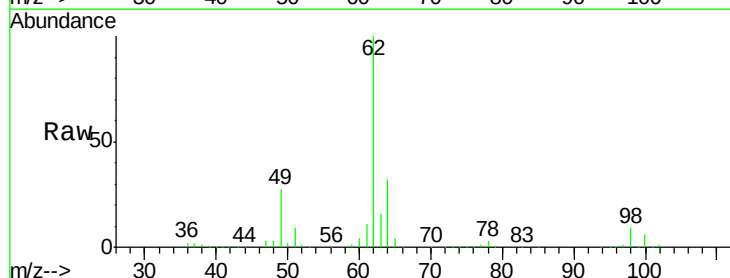
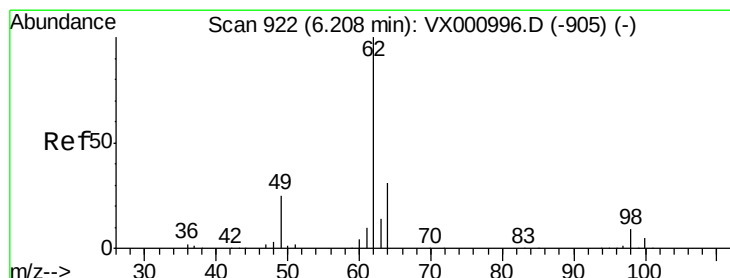
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.2	45.2	67.8	
67	68.0	53.8	80.8	
52	29.2	22.4	33.6	



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

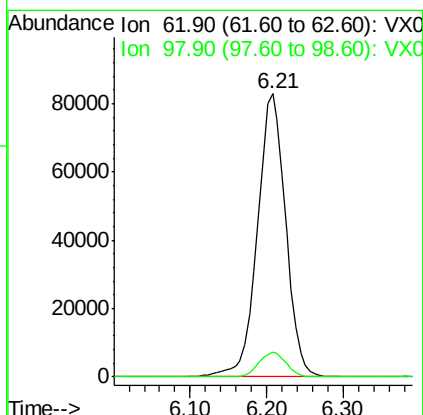
Manual Integrations
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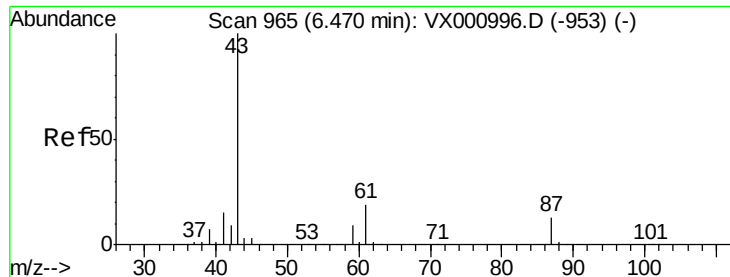
Sohil
4/26/2018 4:06:20 AM



#42
1,2-Dichloroethane
Concen: 50.09 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX001087.D
Acq: 24 Apr 2018 20:11

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.6	0.0	17.6	





#43

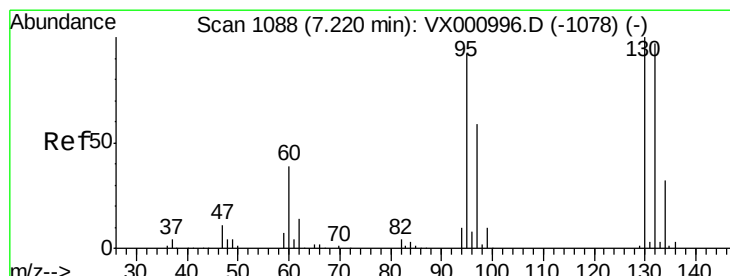
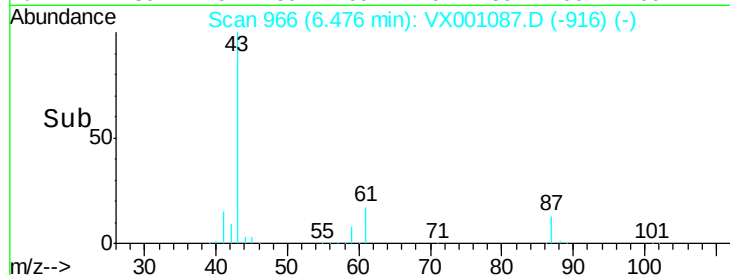
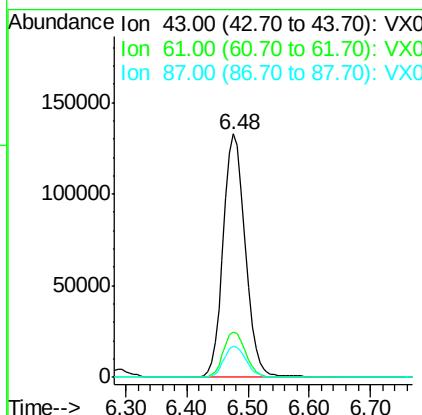
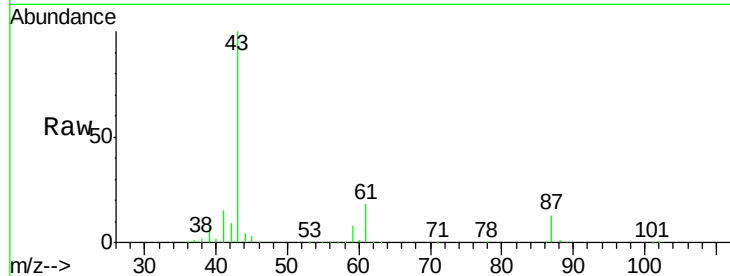
Isopropyl Acetate
 Concen: 52.80 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: VX001087.D
 Acq: 24 Apr 2018 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.4	23.2
87	13.1	10.6	15.8

Manual Integrations
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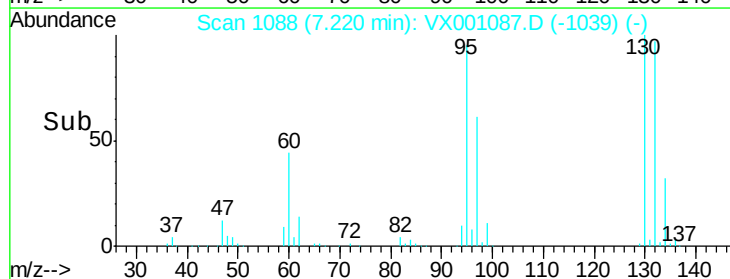
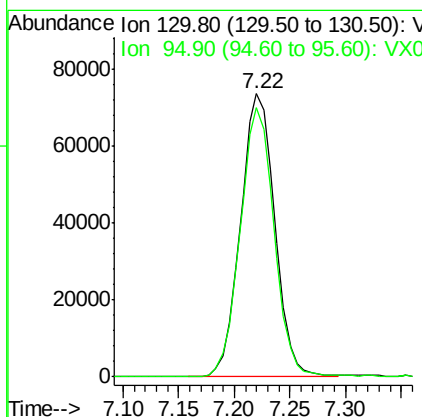
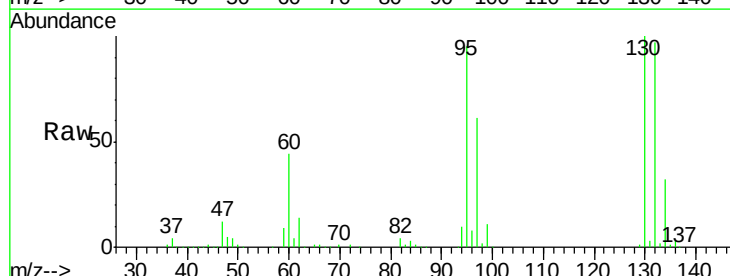
Sohil
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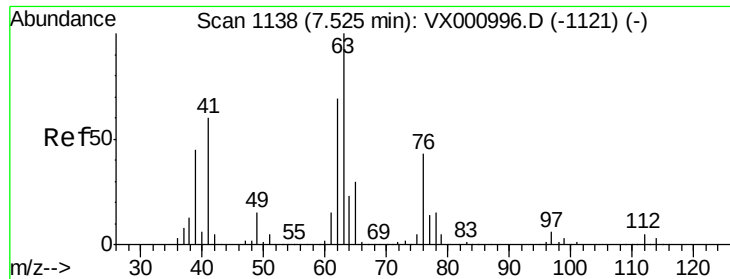


#44

Trichloroethene
 Concen: 46.63 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX001087.D
 Acq: 24 Apr 2018 20:11

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.1	0.0	184.2





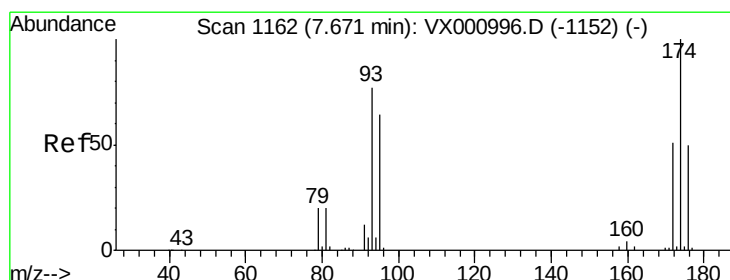
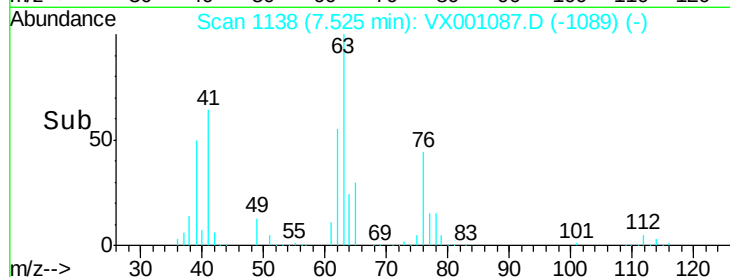
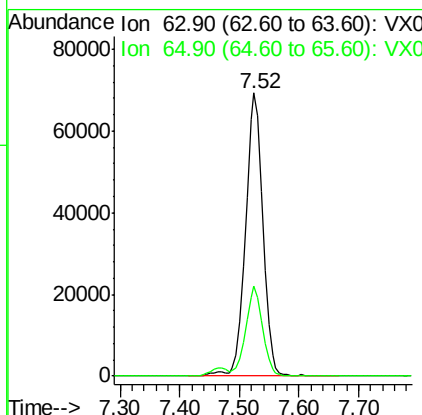
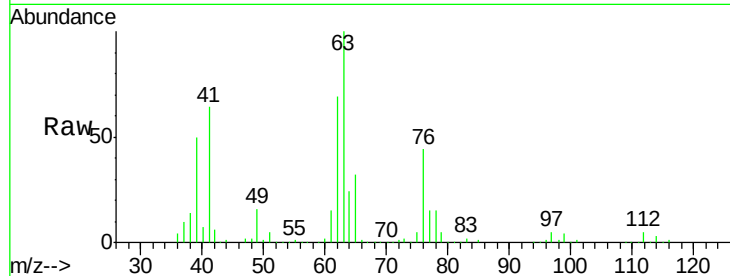
#45
 1,2-Dichloropropane
 Concen: 50.87 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX001087.D
 Acq: 24 Apr 2018 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 141586
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.4 36.6

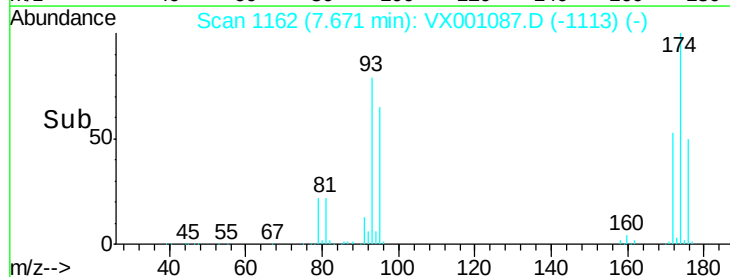
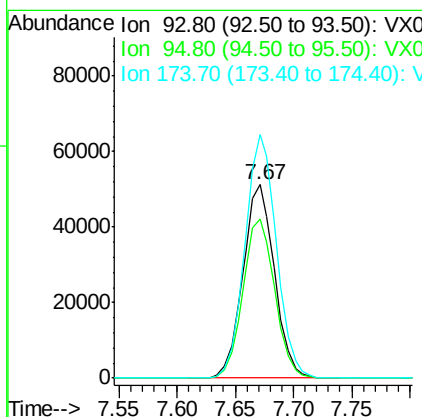
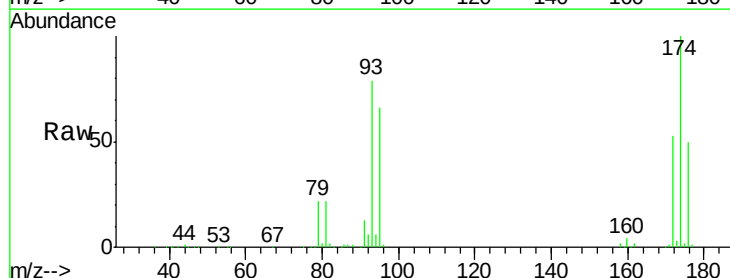
Manual Integrations
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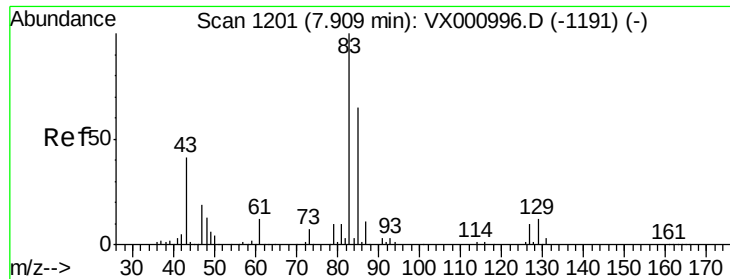
Sohil
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#46
 Dibromomethane
 Concen: 49.75 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX001087.D
 Acq: 24 Apr 2018 20:11

Tgt Ion: 93 Resp: 96745
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.7 100.1
 174 125.5 101.8 152.6





#47

Bromodichloromethane

Concen: 51.60 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Instrument :

MSVOA_X

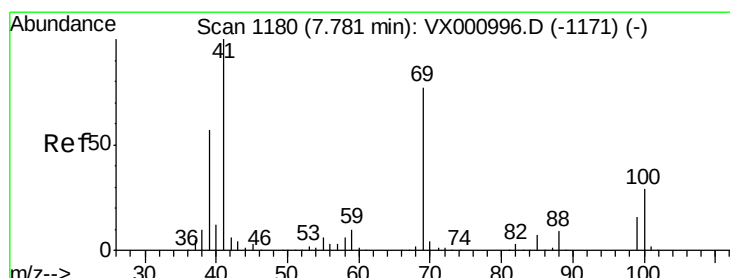
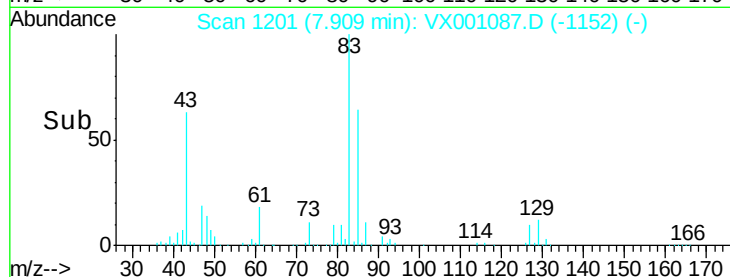
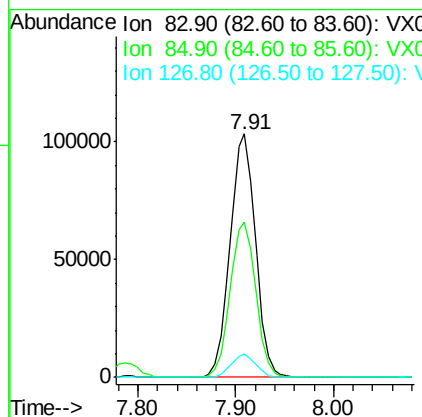
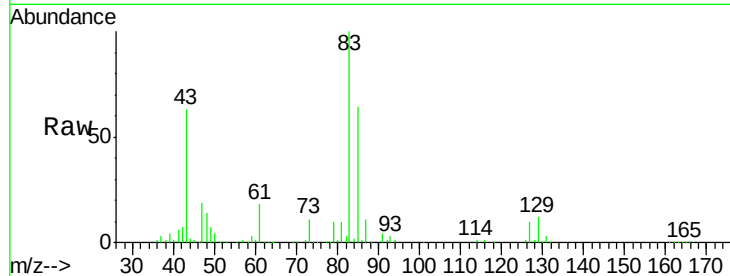
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	185887
Ion Ratio	Lower	Upper	
83	100		
85	64.0	52.3	78.5
127	9.9	7.8	11.6

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#48

Methyl methacrylate

Concen: 52.64 ug/l

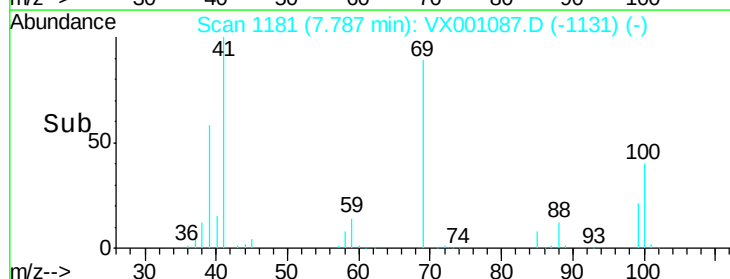
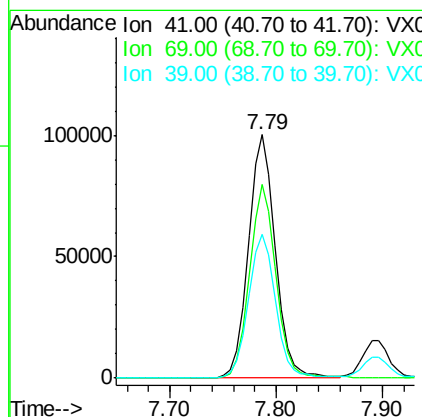
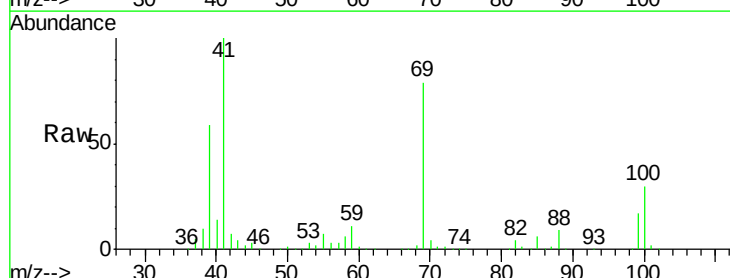
RT: 7.79 min Scan# 1181

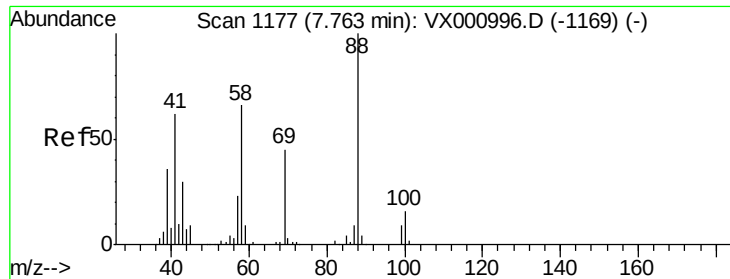
Delta R.T. 0.01 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Tgt Ion:	41	Resp:	177592
Ion Ratio	Lower	Upper	
41	100		
69	78.7	62.6	94.0
39	59.4	45.3	67.9





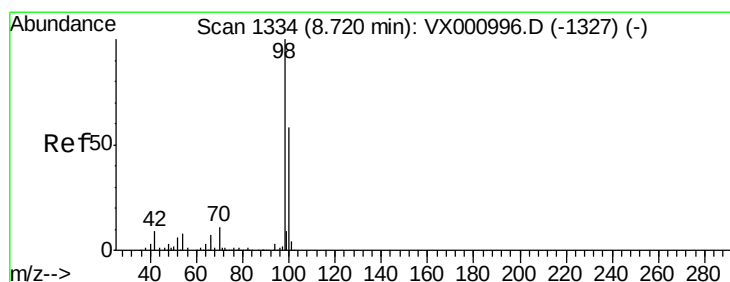
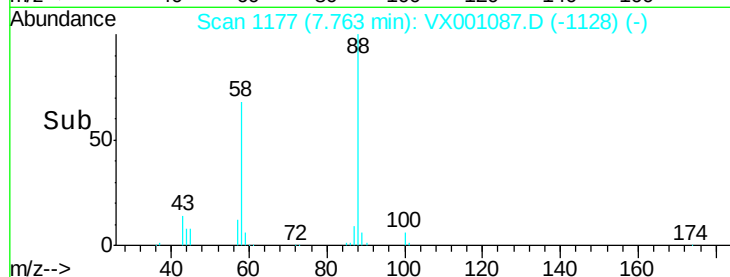
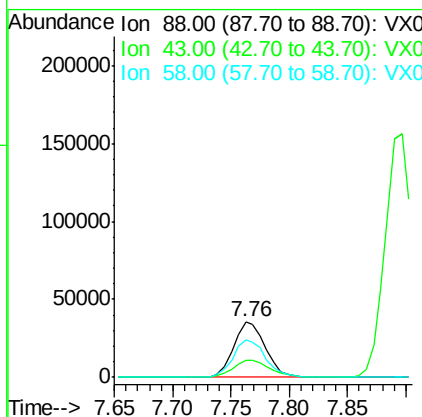
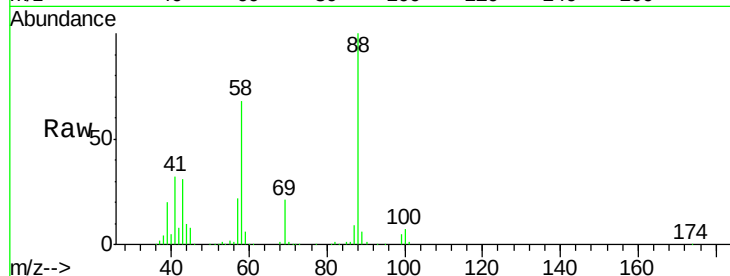
#49
1,4-Dioxane
Concen: 1362.97 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX001087.D
Acq: 24 Apr 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.7	29.2	43.8
58	70.2	55.0	82.6

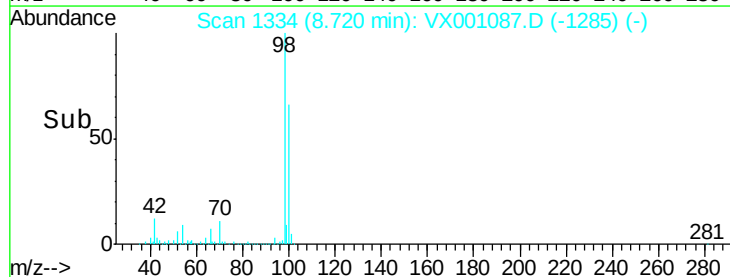
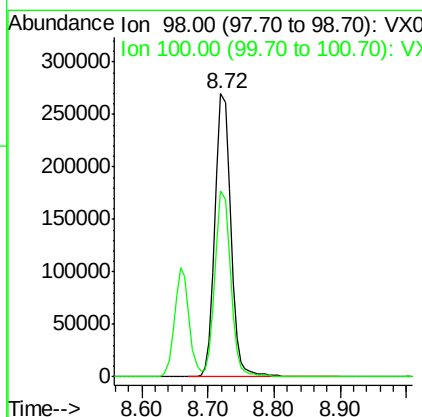
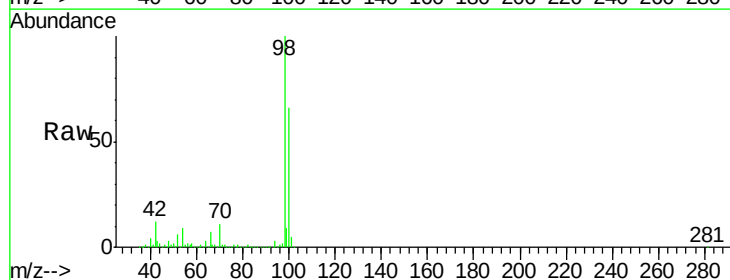
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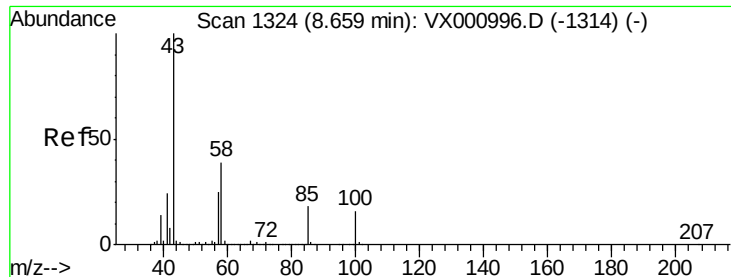
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#50
Toluene-d8
Concen: 46.70 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001087.D
Acq: 24 Apr 2018 20:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	51.9	77.9





#51

4-Methyl-2-Pentanone

Concen: 287.92 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1095427

Ion Ratio Lower Upper

43 100

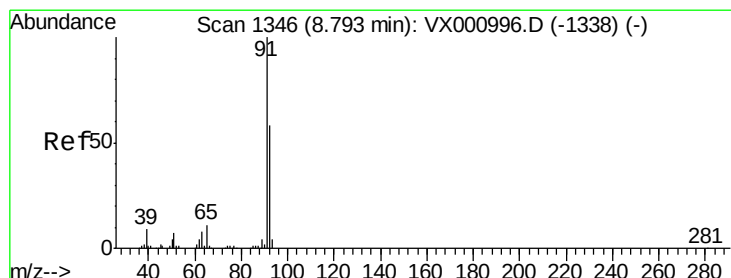
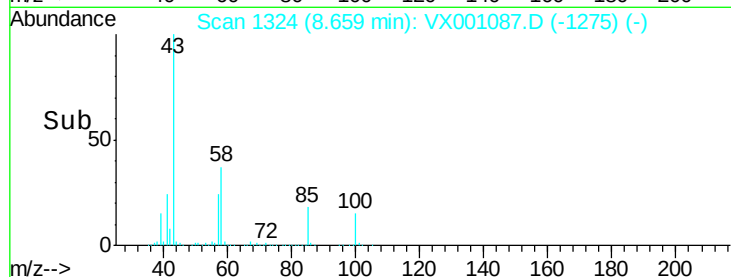
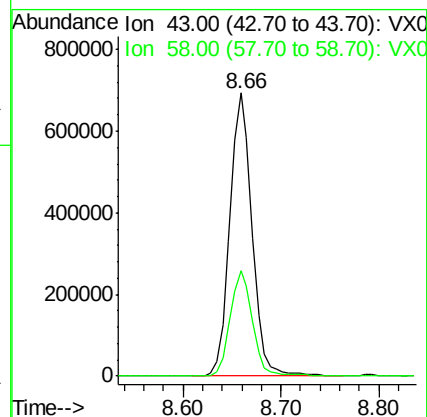
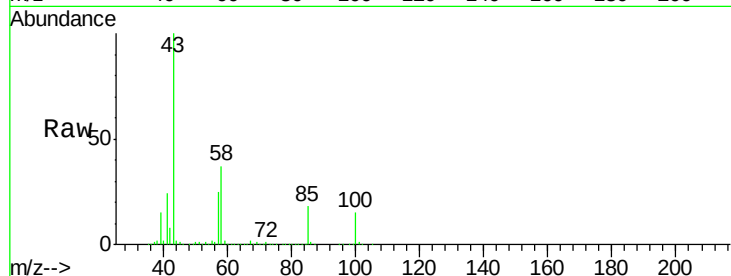
58 36.8 30.2 45.4

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#52

Toluene

Concen: 49.03 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX001087.D

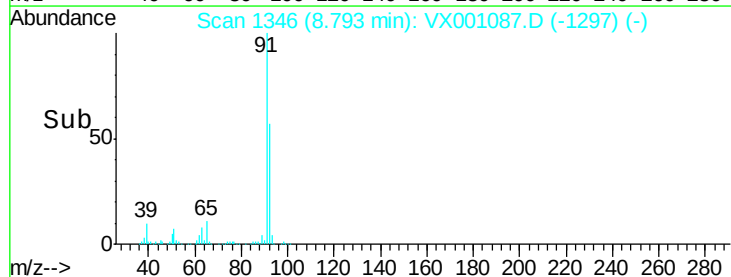
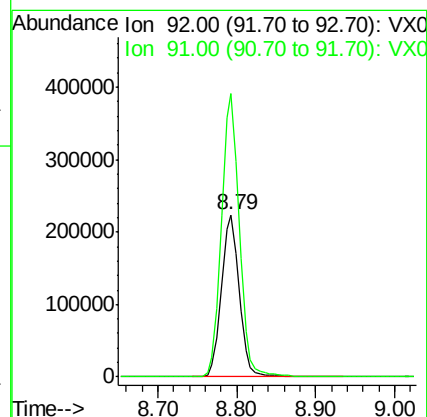
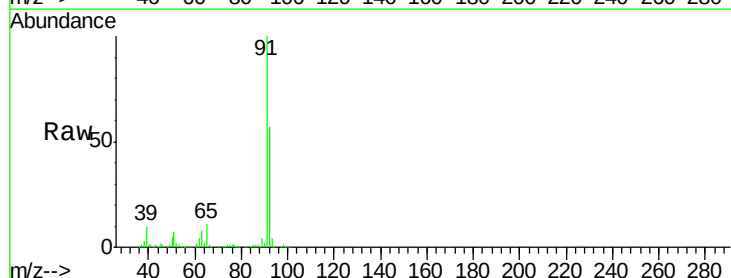
Acq: 24 Apr 2018 20:11

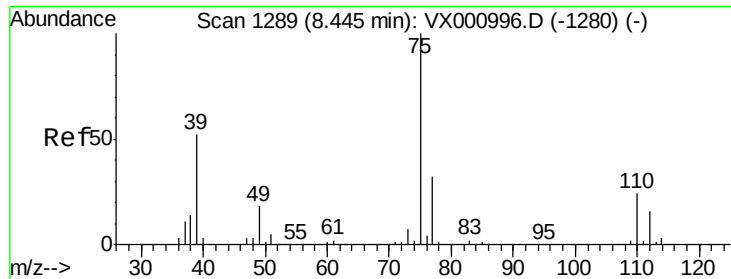
Tgt Ion: 92 Resp: 354218

Ion Ratio Lower Upper

92 100

91 175.5 138.2 207.4





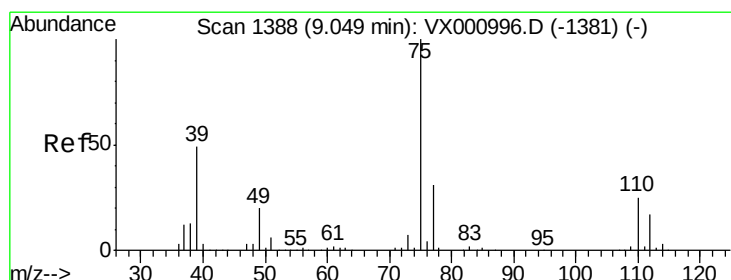
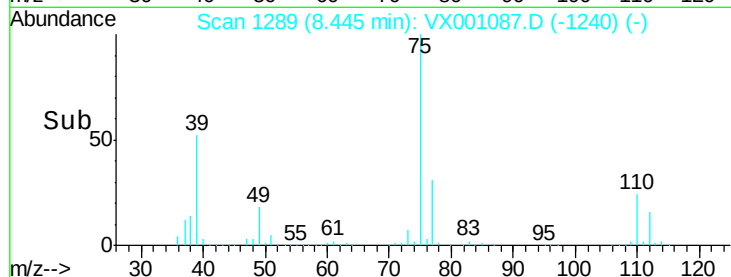
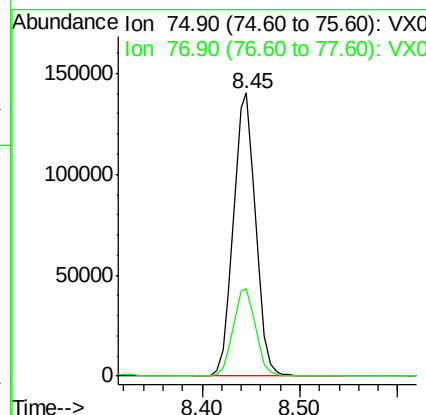
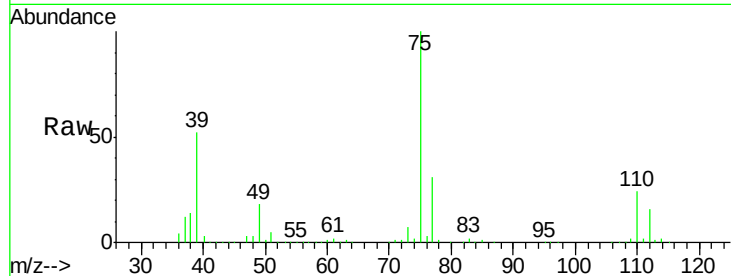
#53
t-1,3-Dichloropropene
Concen: 51.20 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VX001087.D
Acq: 24 Apr 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 220609
Ion Ratio Lower Upper
75 100
77 30.9 25.8 38.6

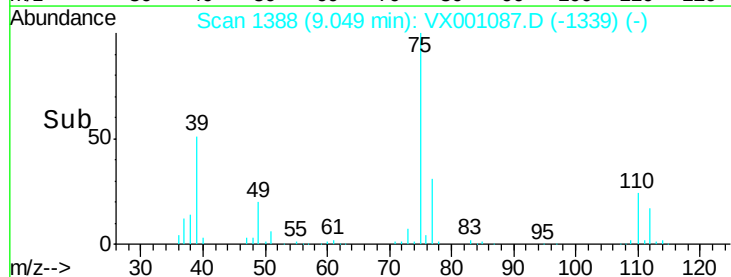
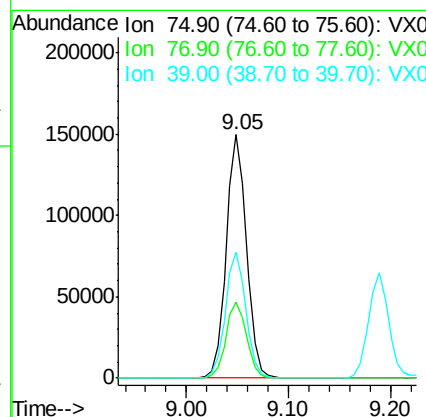
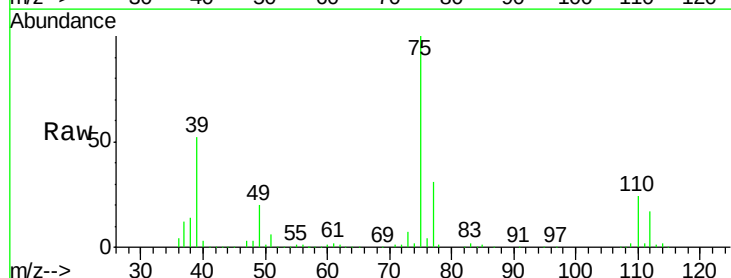
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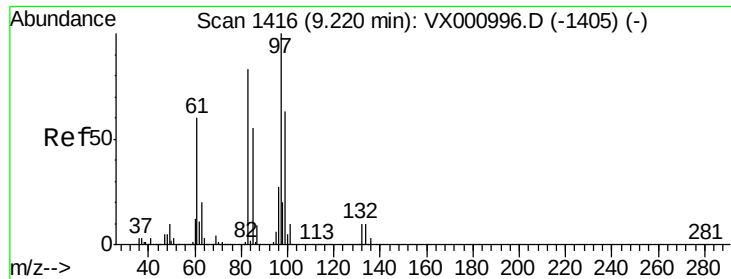
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#54
cis-1,3-Dichloropropene
Concen: 50.80 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX001087.D
Acq: 24 Apr 2018 20:11

Tgt Ion: 75 Resp: 206408
Ion Ratio Lower Upper
75 100
77 31.2 25.0 37.6
39 51.5 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 51.28 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Instrument :

MSVOA_X

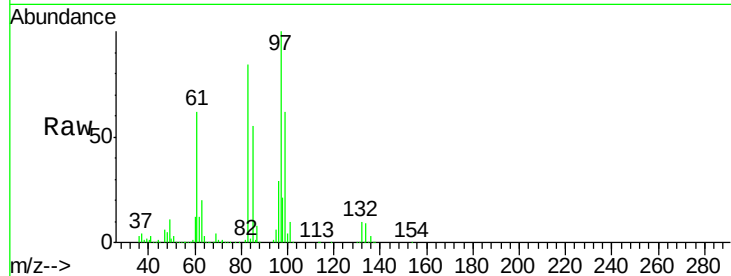
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100				
83	83.5		66.2	99.4	
85	54.6		44.2	66.4	
99	62.2		50.2	75.4	

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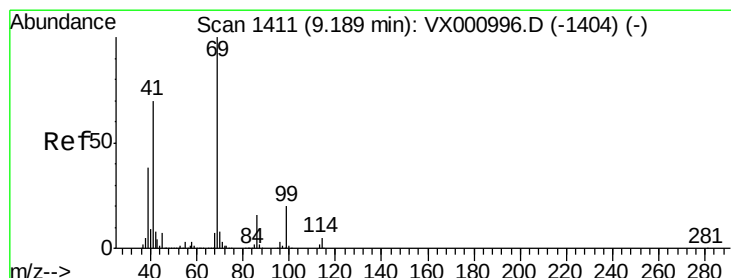
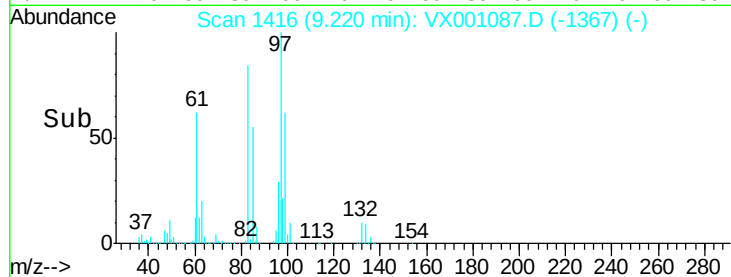
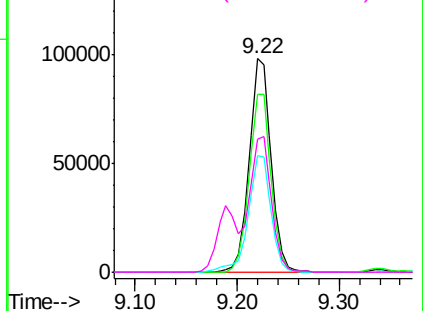


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 52.27 ug/l

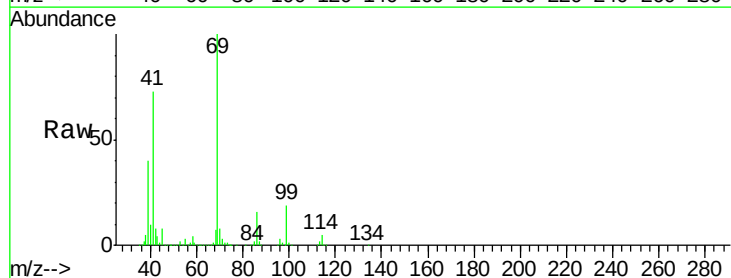
RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

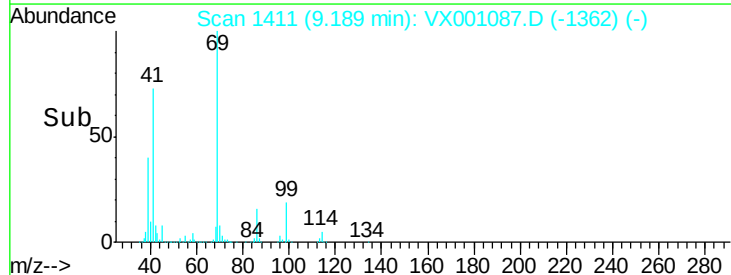
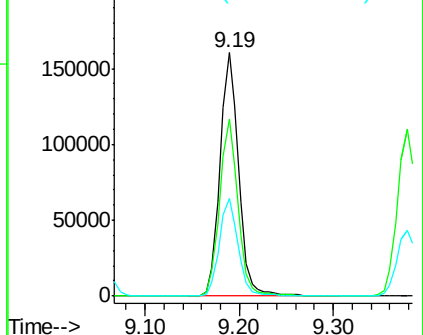
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	71.9		56.3	84.5	
39	40.5		30.4	45.6	

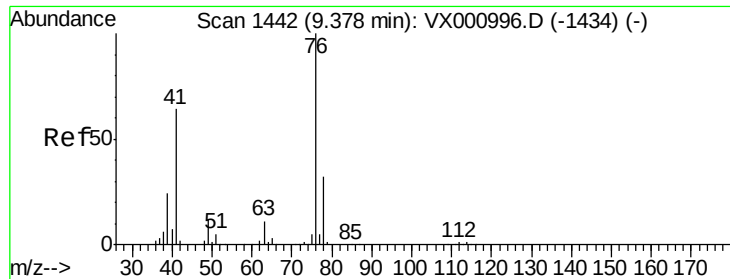


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





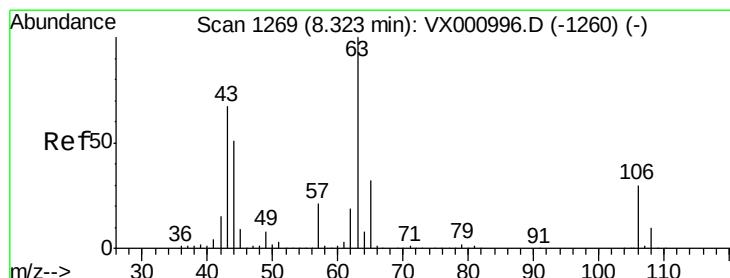
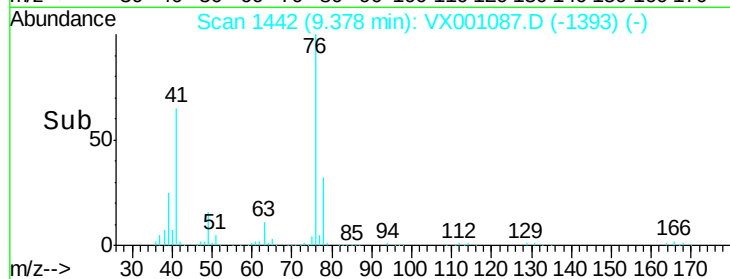
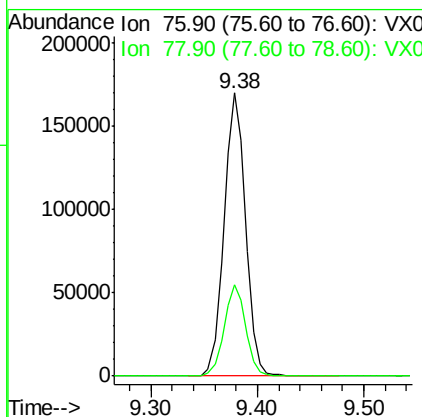
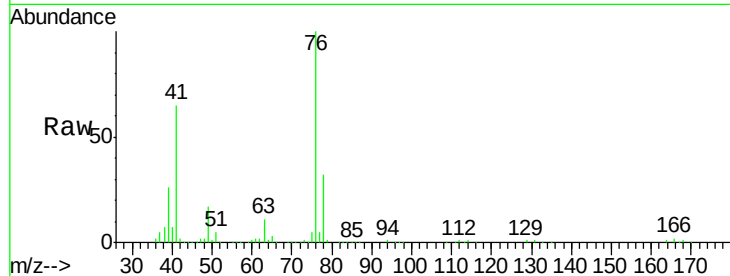
#57
 1,3-Dichloropropane
 Concen: 50.16 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001087.D
 Acq: 24 Apr 2018 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.8	38.6

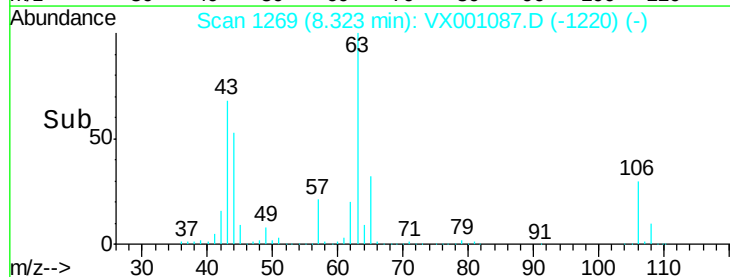
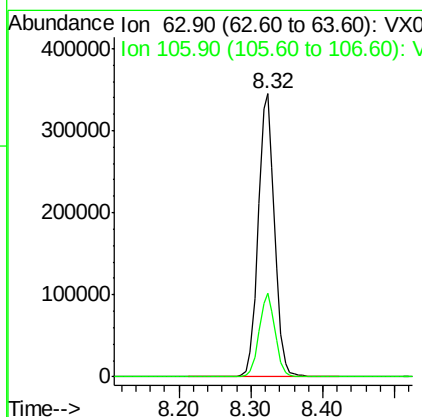
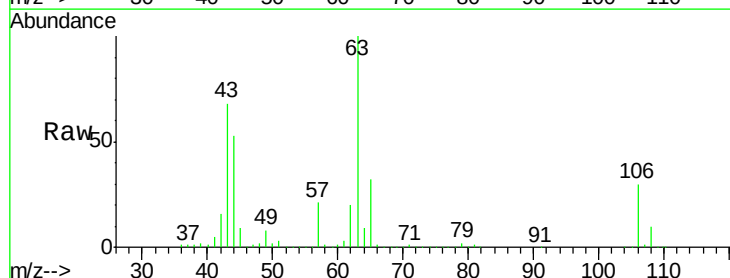
Manual Integrations
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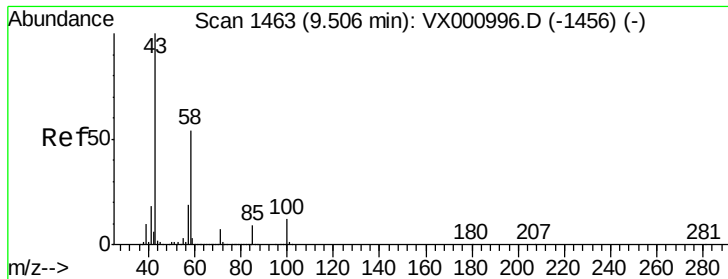
Sohil
 4/26/2018 4:06:20 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 265.23 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX001087.D
 Acq: 24 Apr 2018 20:11

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.1	23.8	35.6





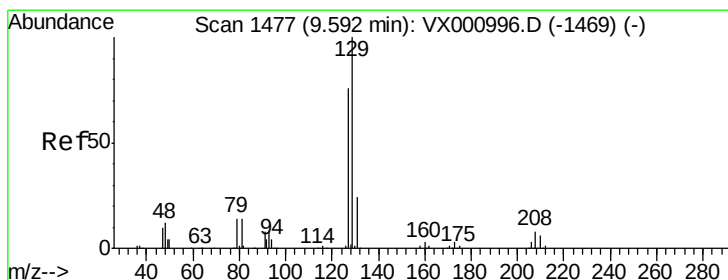
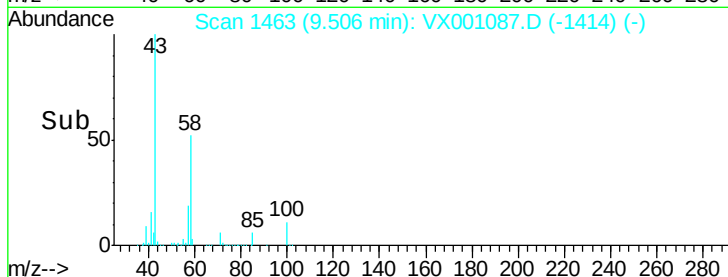
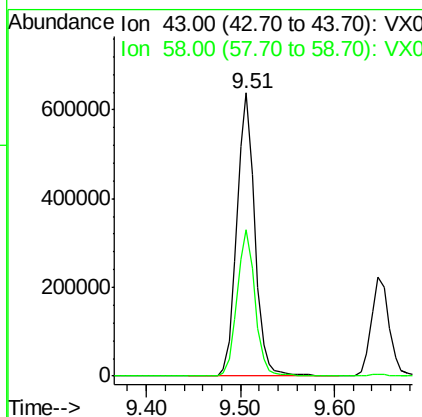
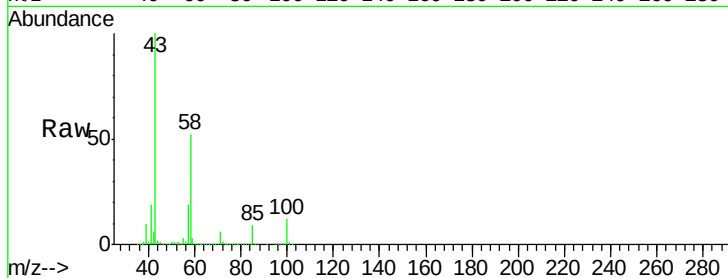
#59
2-Hexanone
Concen: 289.95 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX001087.D
Acq: 24 Apr 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.9	26.3	78.9

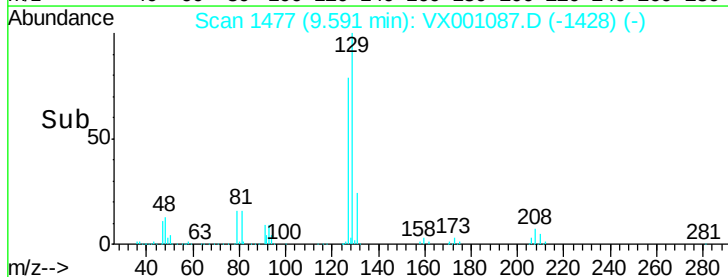
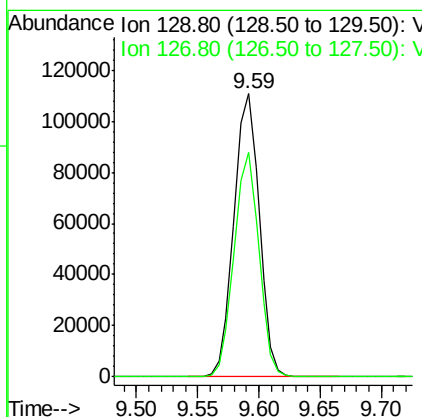
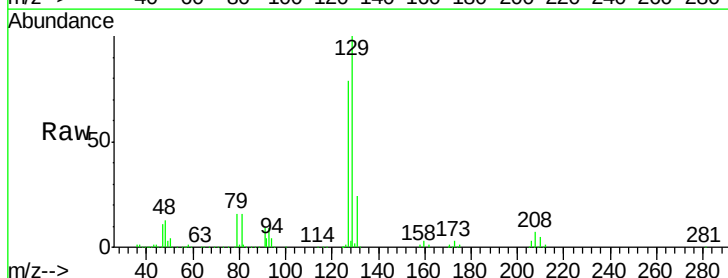
Manual Integrations
APPROVED

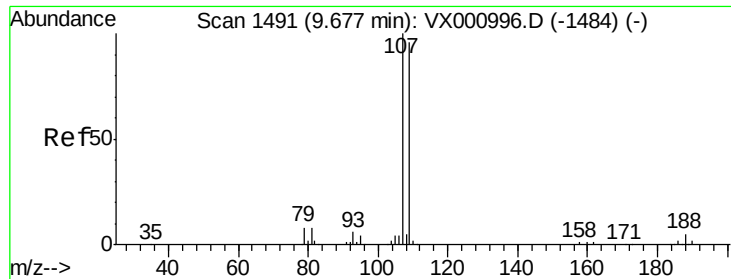
Sohil
4/26/2018 4:06:20 AM



#60
Dibromochloromethane
Concen: 52.62 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX001087.D
Acq: 24 Apr 2018 20:11

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.7	38.6	115.8





#61

1,2-Dibromoethane

Concen: 51.77 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 156899

Ion Ratio Lower Upper

107 100

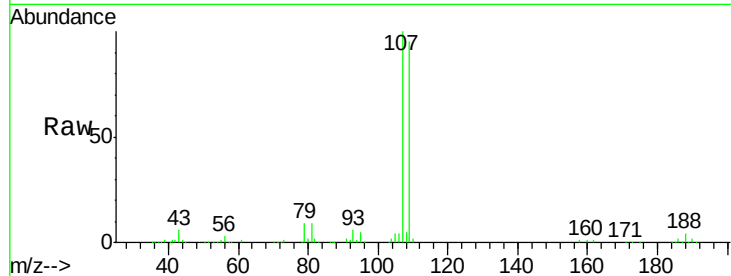
109 94.3 76.0 114.0

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

120000

100000

80000

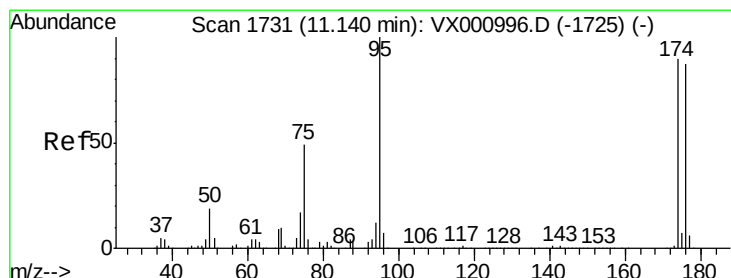
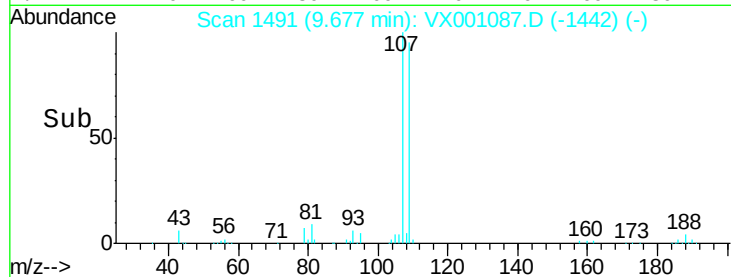
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.47 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

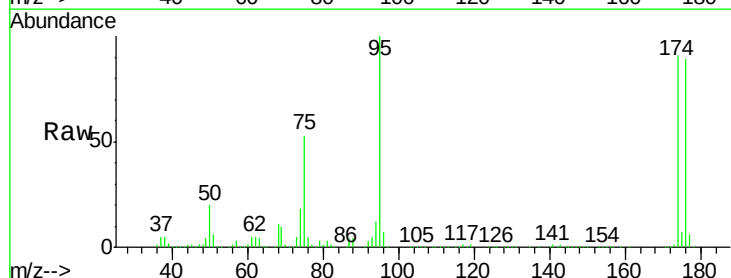
Tgt Ion: 95 Resp: 186313

Ion Ratio Lower Upper

95 100

174 98.4 0.0 198.4

176 95.6 0.0 192.0



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

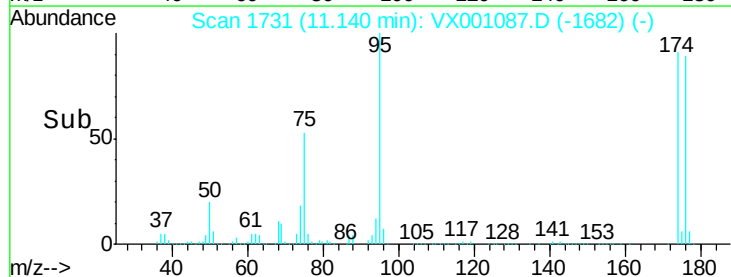
150000

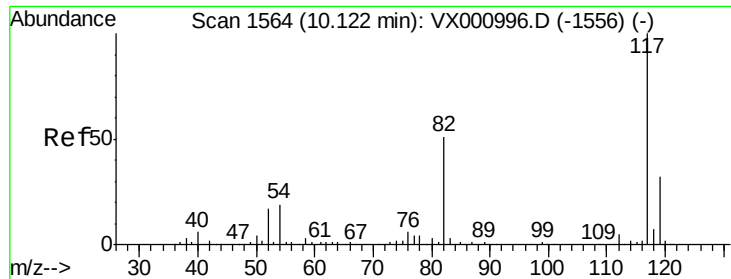
100000

50000

0

Time-->





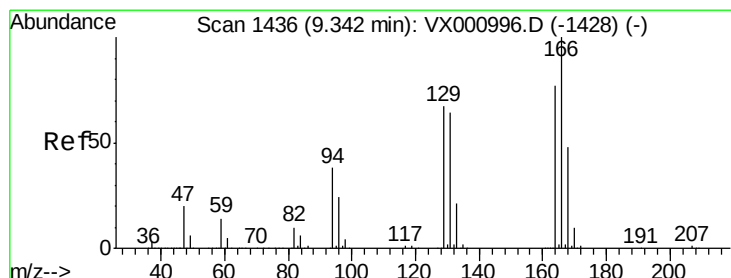
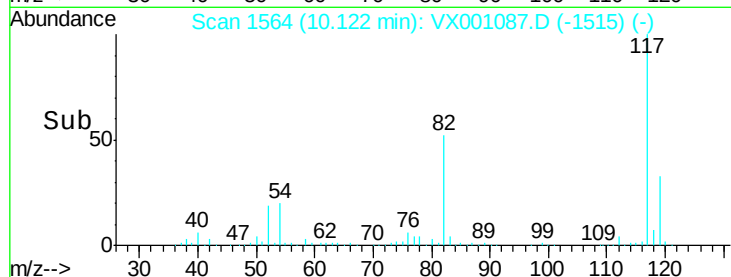
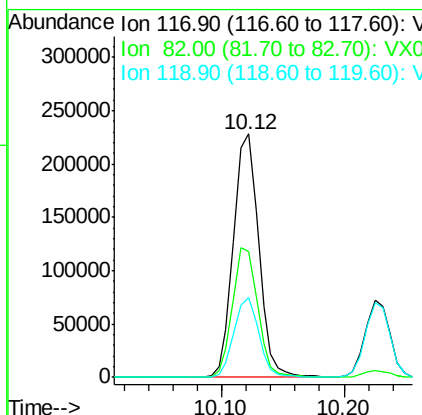
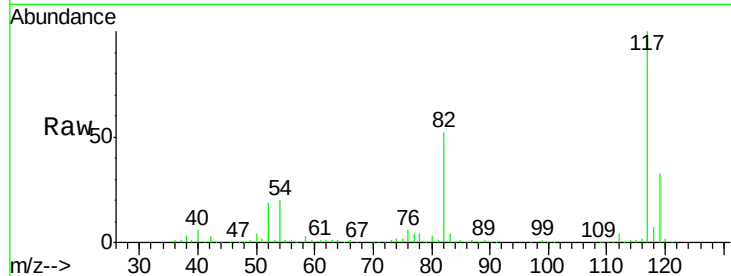
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001087.D
Acq: 24 Apr 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	117	Resp:	327267
Ion Ratio	Lower	Upper	
117	100		
82	51.8	40.6	60.8
119	32.6	26.0	39.0

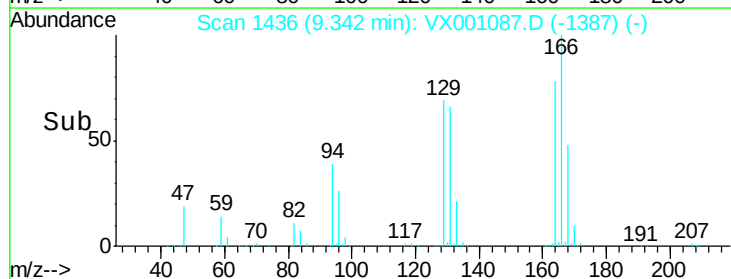
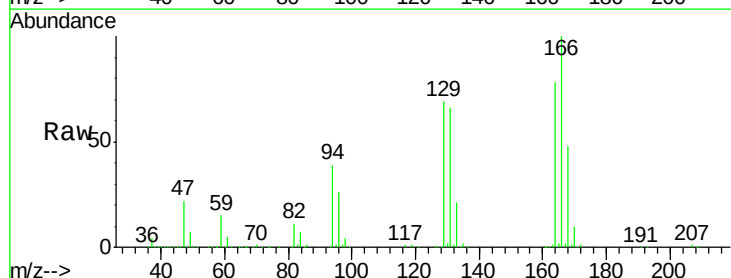
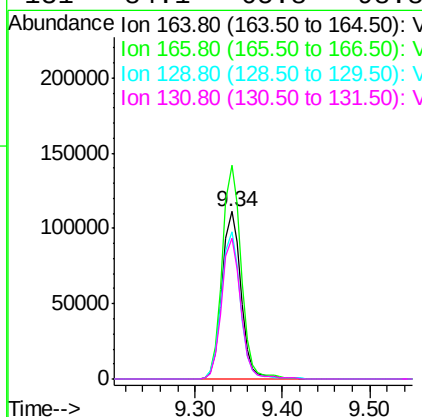
Manual Integrations
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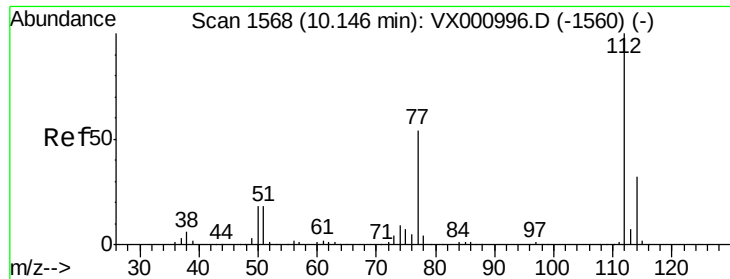
Sohil
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#64
Tetrachloroethene
Concen: 48.13 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001087.D
Acq: 24 Apr 2018 20:11

Tgt Ion:	164	Resp:	167276
Ion Ratio	Lower	Upper	
164	100		
166	127.4	103.5	155.3
129	87.4	69.6	104.4
131	84.1	65.8	98.8





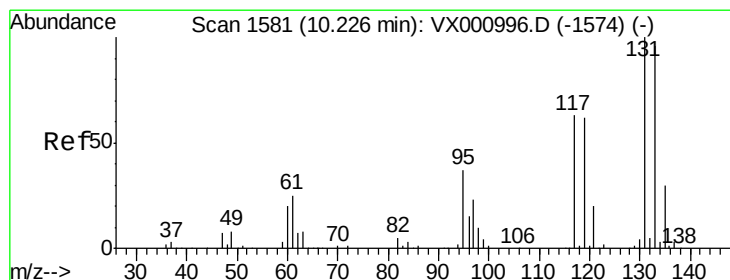
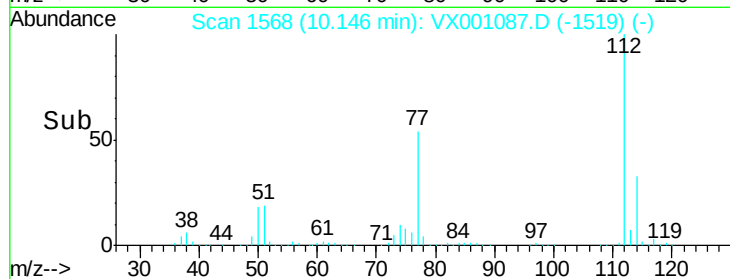
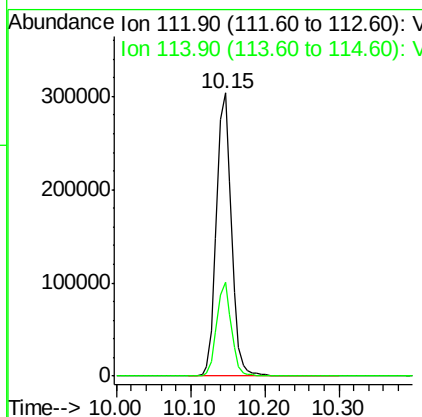
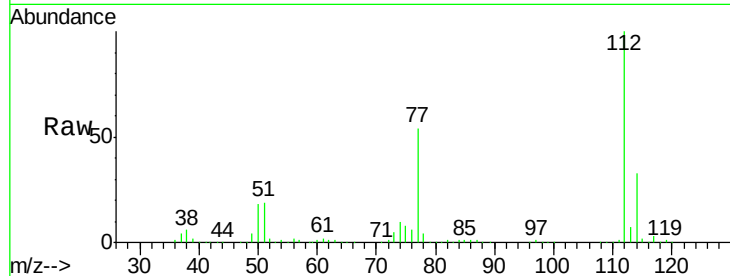
#65
Chlorobenzene
Concen: 48.20 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001087.D
Acq: 24 Apr 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 420054
Ion Ratio Lower Upper
112 100
114 33.0 25.5 38.3

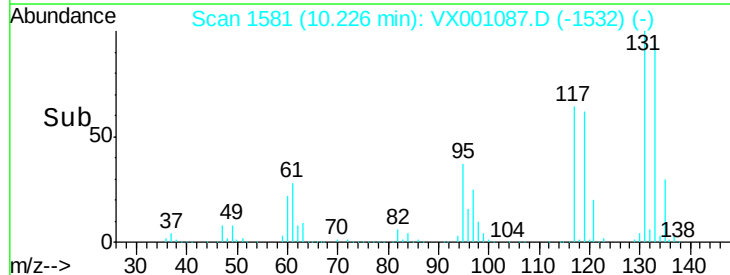
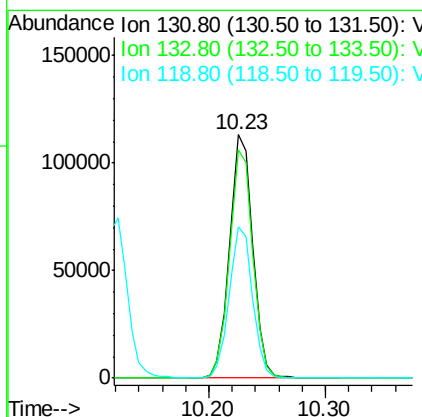
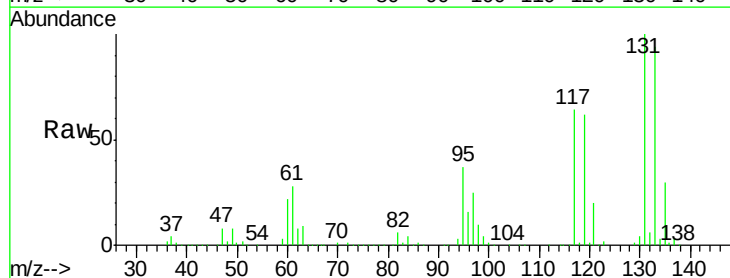
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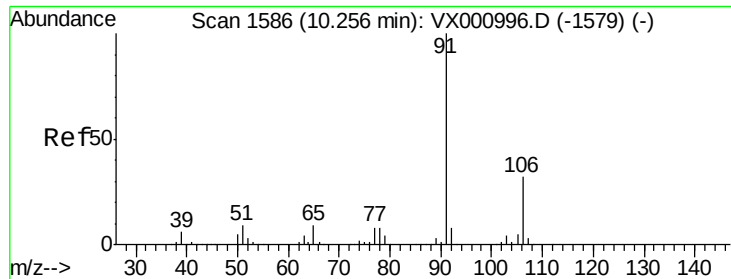
Sohil
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.48 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX001087.D
Acq: 24 Apr 2018 20:11

Tgt Ion:131 Resp: 156980
Ion Ratio Lower Upper
131 100
133 94.3 47.6 142.8
119 62.7 31.1 93.2





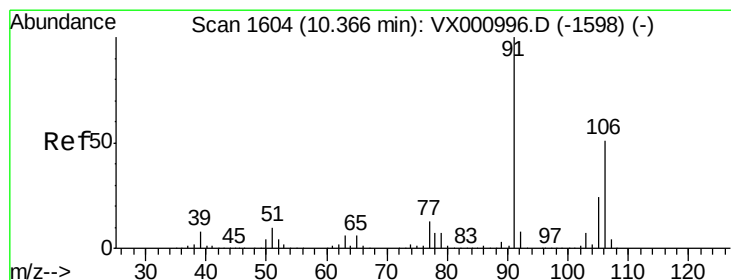
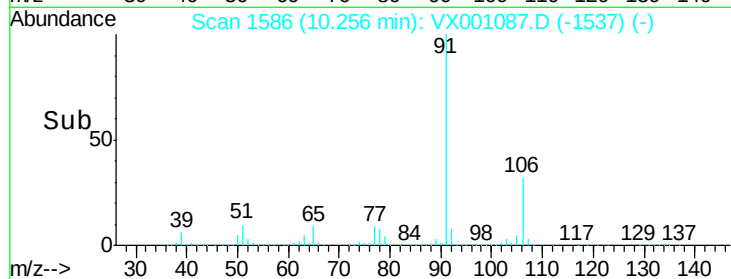
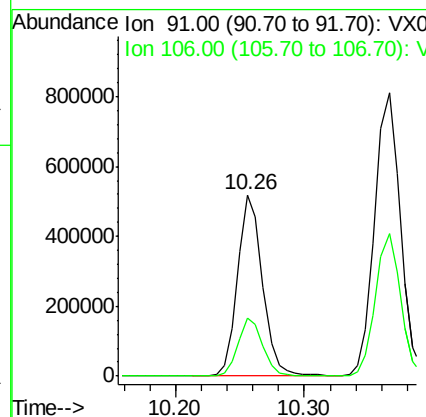
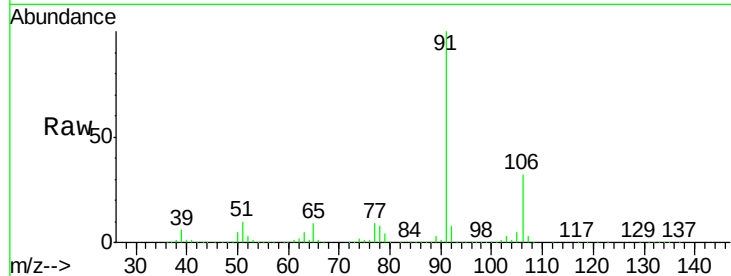
#67
Ethyl Benzene
Concen: 48.80 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX001087.D
Acq: 24 Apr 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 706242
Ion Ratio Lower Upper
91 100
106 32.1 25.7 38.5

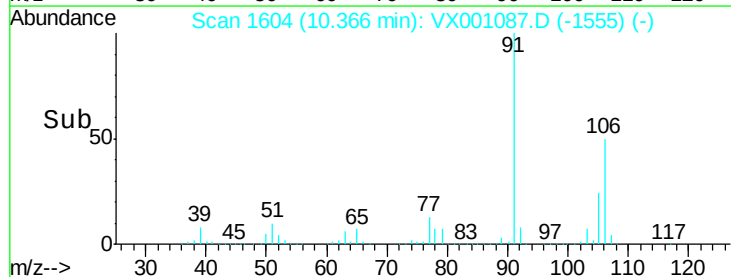
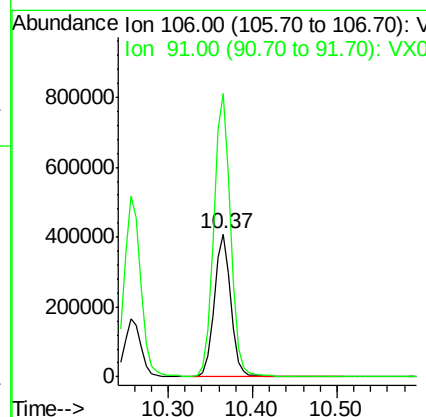
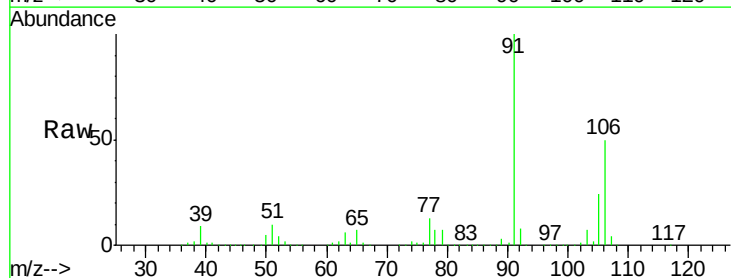
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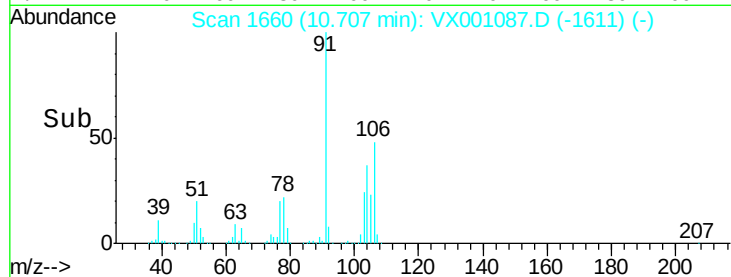
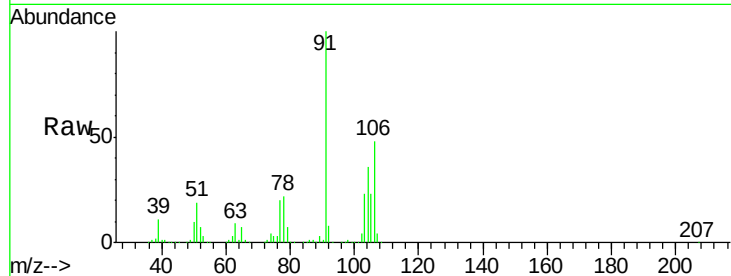
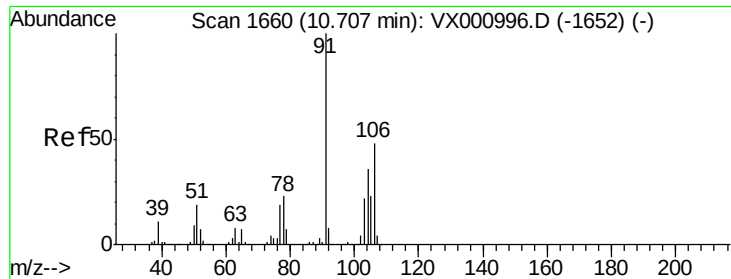
Sohil
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#68
m/p-Xylenes
Concen: 97.51 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001087.D
Acq: 24 Apr 2018 20:11

Tgt Ion: 106 Resp: 556138
Ion Ratio Lower Upper
106 100
91 202.3 159.3 238.9





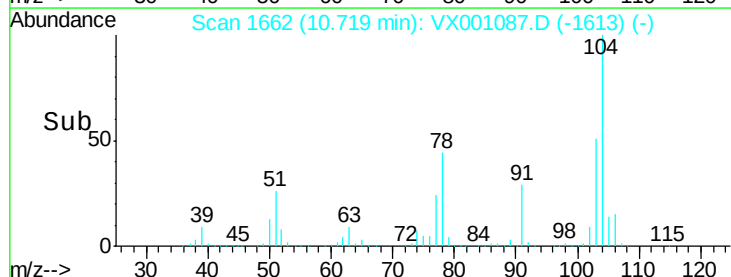
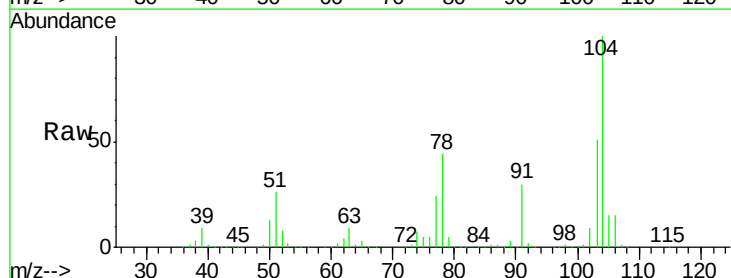
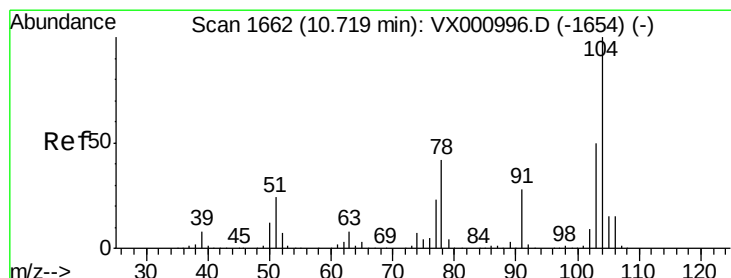
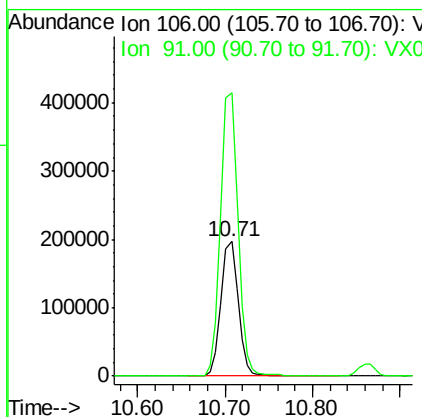
#69
o-Xylene
Concen: 49.14 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001087.D
Acq: 24 Apr 2018 20:11

Tot Ion:106 Resp: 270211
Ion Ratio Lower Upper
106 100
91 212.4 105.1 315.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

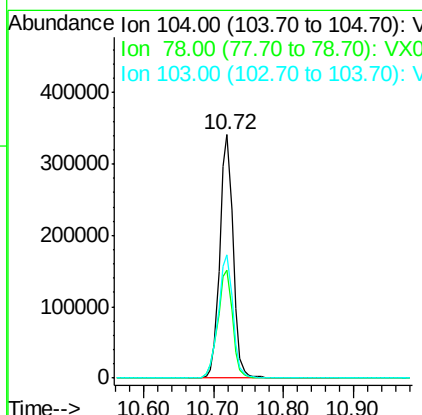
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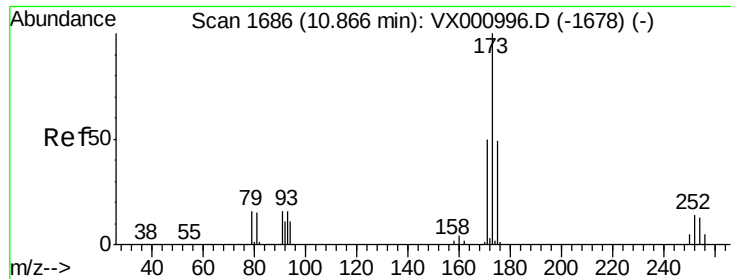
Sohil
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#70
Styrene
Concen: 50.01 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001087.D
Acq: 24 Apr 2018 20:11

Tgt Ion:104 Resp: 452881
Ion Ratio Lower Upper
104 100
78 49.5 39.4 59.2
103 55.7 44.2 66.2





#71

Bromoform

Concen: 47.64 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Instrument :

MSVOA_X

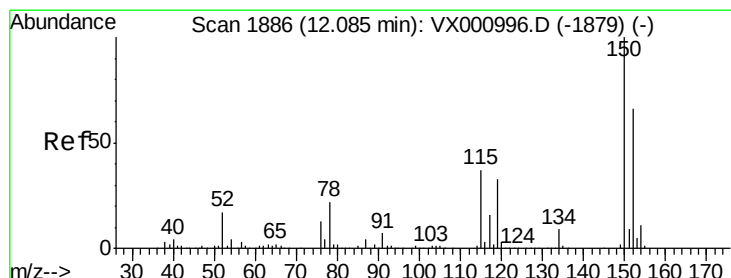
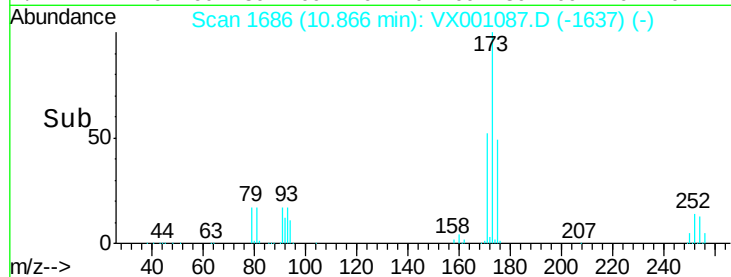
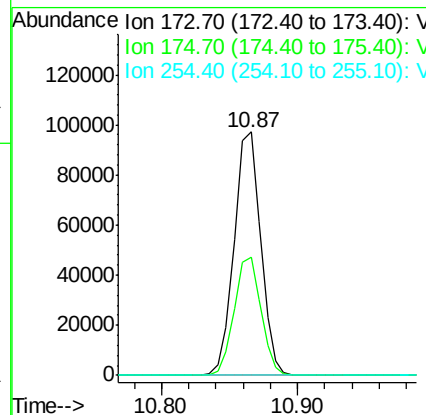
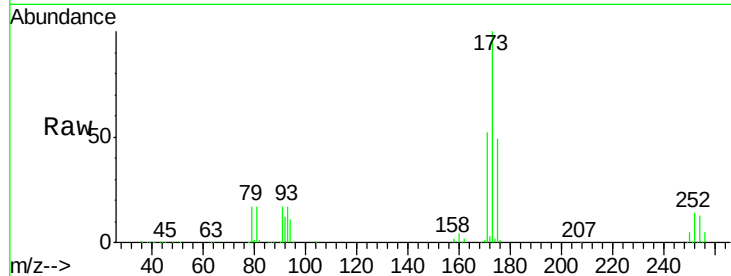
ClientSampleId :

VSTDCCC050

Tot Ion:173	Resp:	132297
Ion Ratio	Lower	Upper
173 100		
175 48.8	24.8	74.3
254 0.2	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

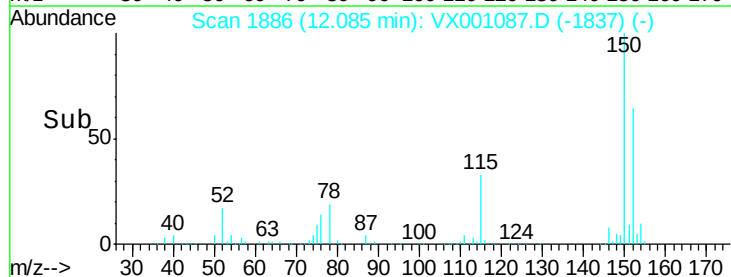
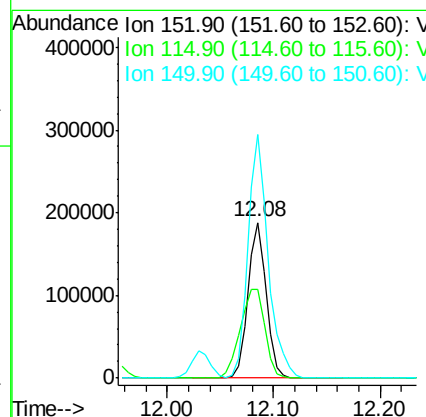
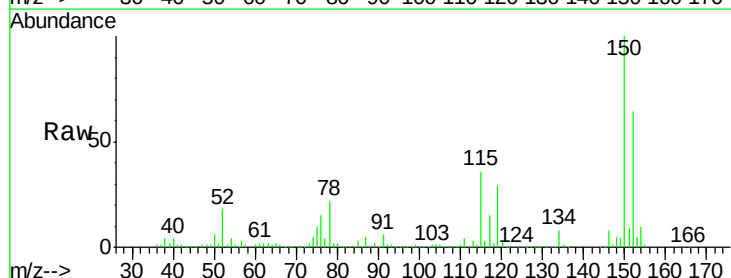
RT: 12.08 min Scan# 1886

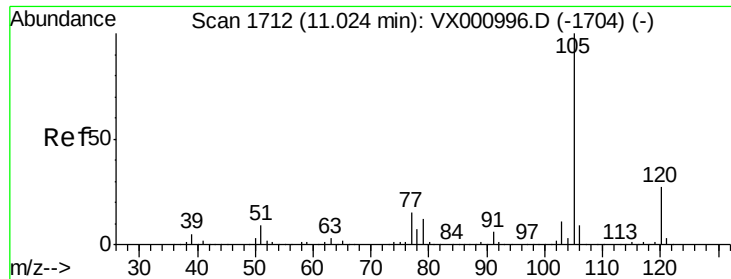
Delta R.T. -0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Tgt Ion:152	Resp:	226165
Ion Ratio	Lower	Upper
152 100		
115 77.5	38.2	114.6
150 173.3	0.0	350.4





#73

Isopropylbenzene

Concen: 49.77 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 735873

Ion Ratio Lower Upper

105 100

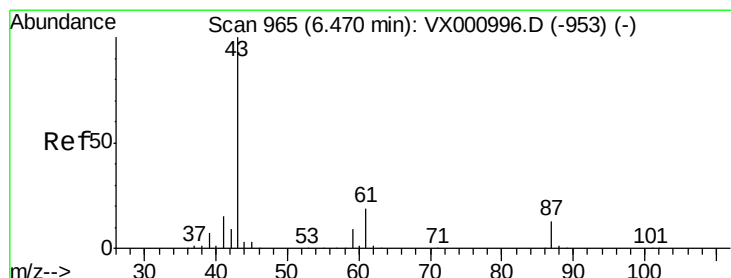
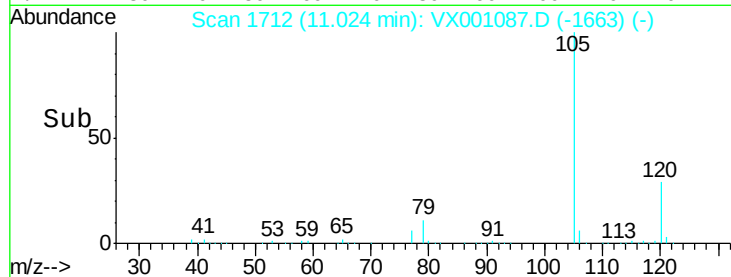
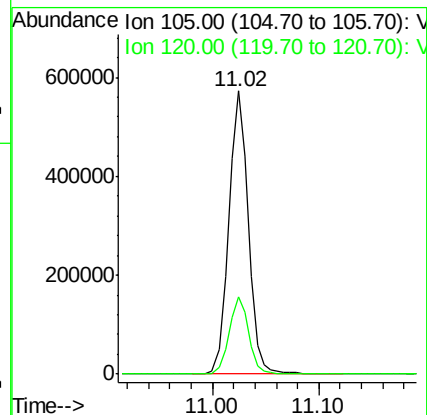
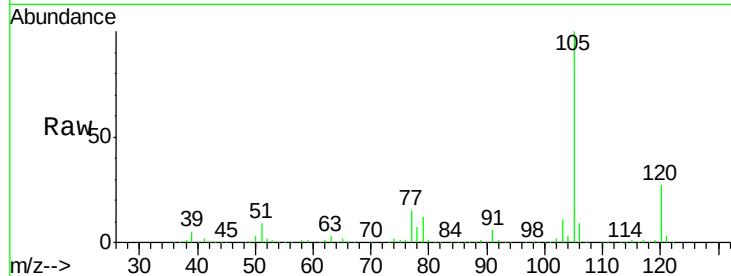
120 27.2 13.4 40.2

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#74

N-ethyl acetate

Concen: 52.31 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Tgt Ion: 43 Resp: 330847

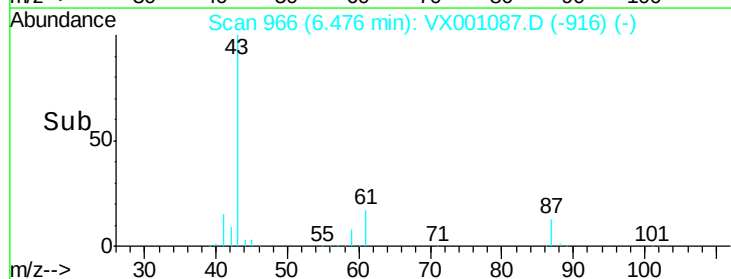
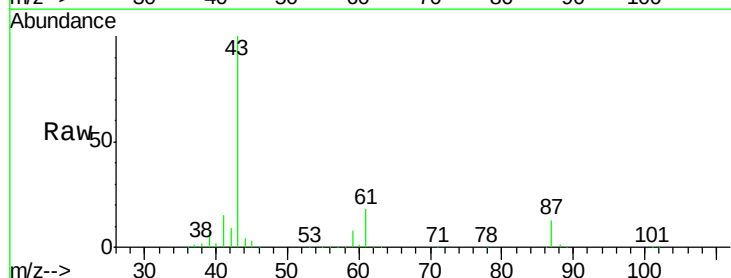
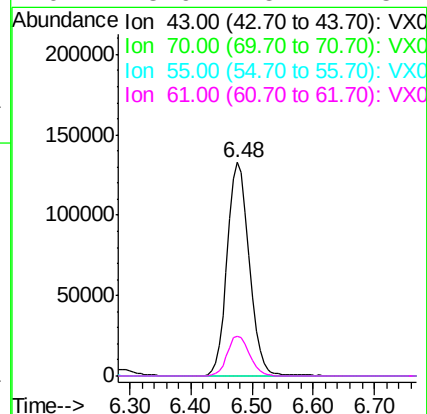
Ion Ratio Lower Upper

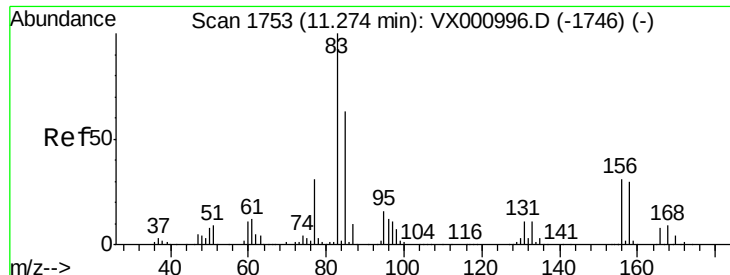
43 100

70 0.0 0.0 0.0

55 0.2 0.1 0.1#

61 18.9 15.4 23.2





#75

1,1,2,2-Tetrachloroethane

Concen: 54.44 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 227863

Ion Ratio Lower Upper

83 100

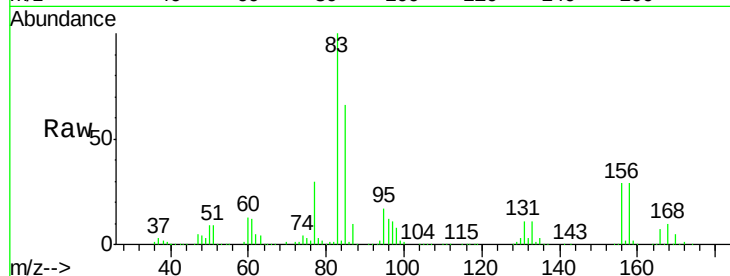
131 11.6 5.8 17.4

85 65.2 32.0 96.2

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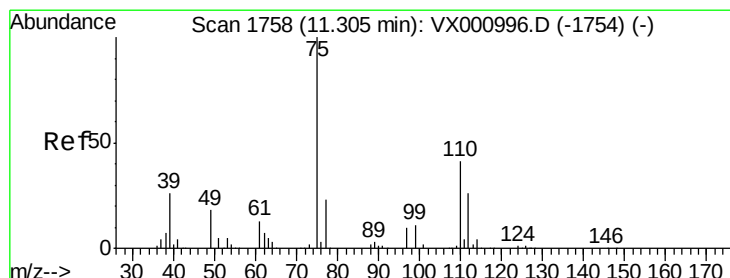
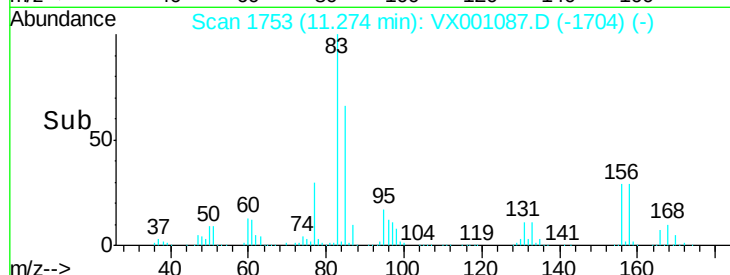
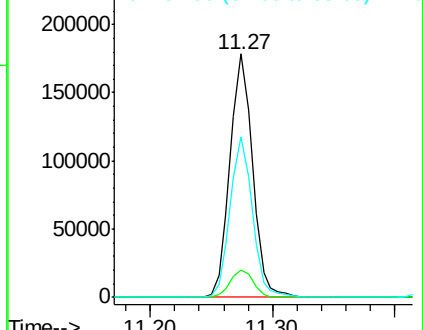
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 54.29 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001087.D

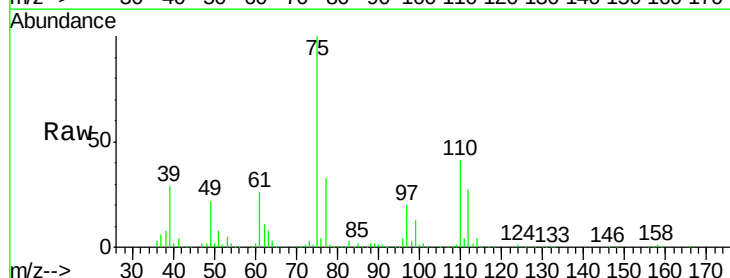
Acq: 24 Apr 2018 20:11

Tgt Ion: 75 Resp: 213023

Ion Ratio Lower Upper

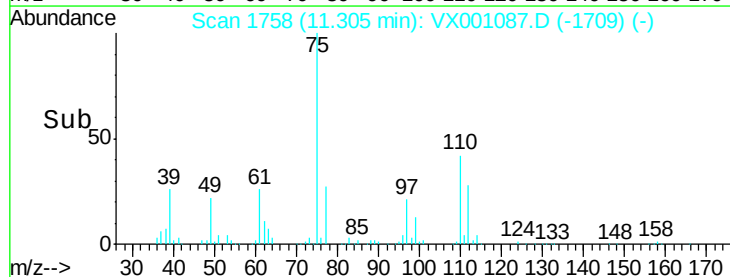
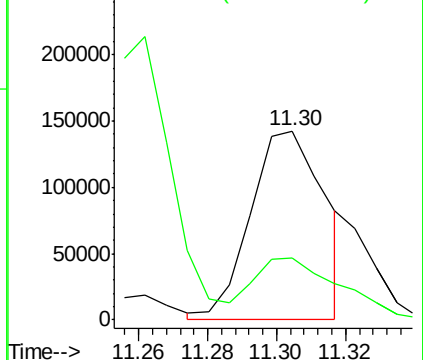
75 100

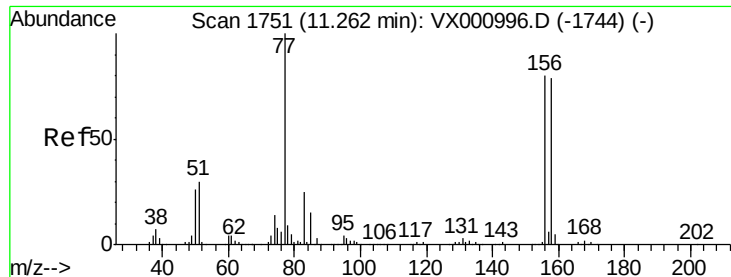
77 38.2 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.56 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Instrument :

MSVOA_X

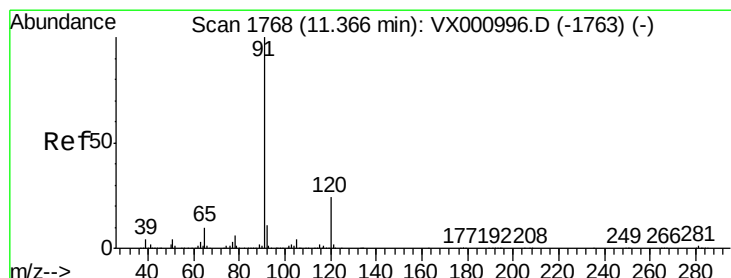
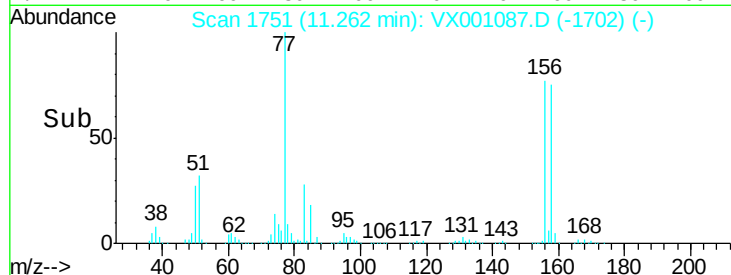
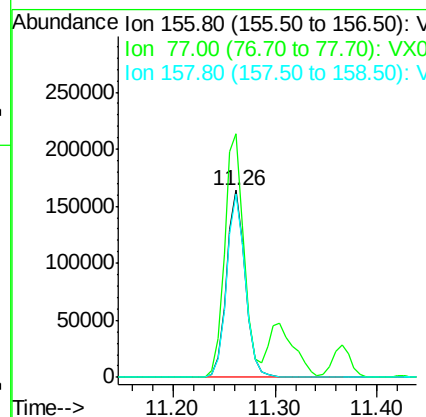
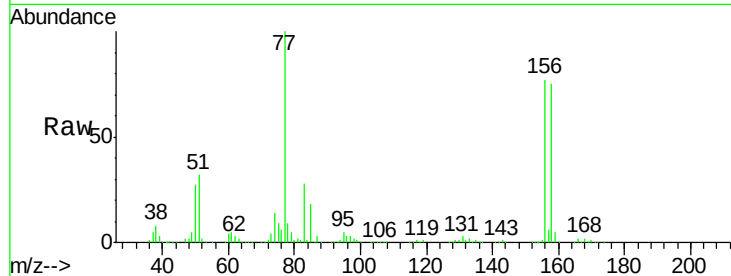
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	208398
Ion Ratio	Lower	Upper	
156	100		
77	136.0	66.3	199.0
158	98.1	48.9	146.6

Manual Integrations
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4/26/2018 4:06:20 AM



#78

n-propylbenzene

Concen: 48.96 ug/l

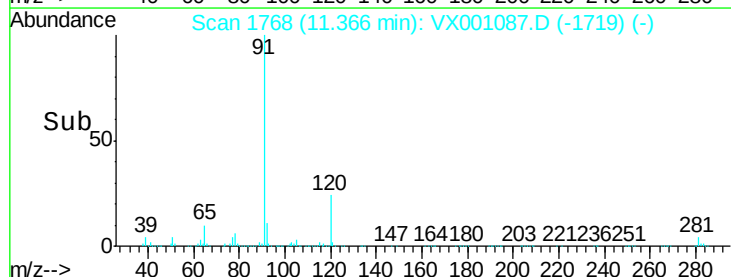
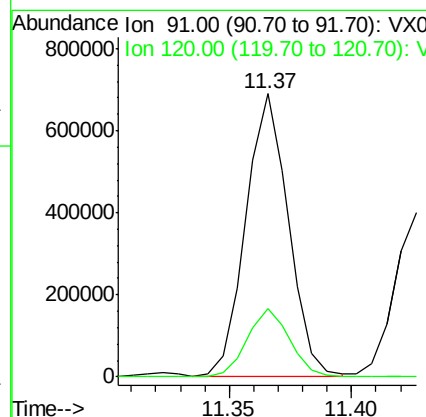
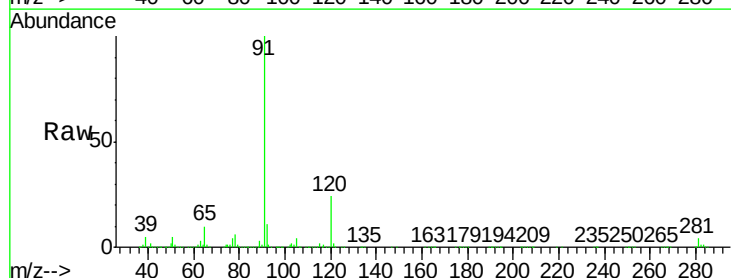
RT: 11.37 min Scan# 1768

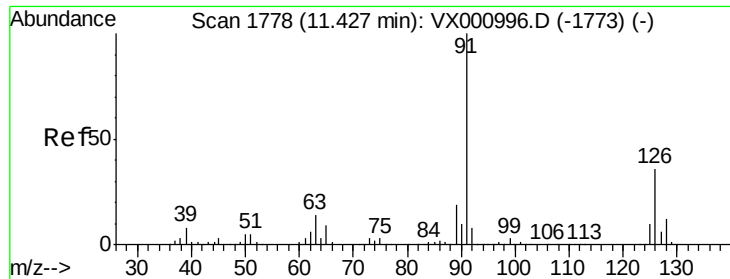
Delta R.T. -0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Tgt Ion:	91	Resp:	830964
Ion Ratio	Lower	Upper	
91	100		
120	24.5	12.4	37.0





#79

2-Chlorotoluene

Concen: 49.33 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 494798

Ion Ratio Lower Upper

91 100

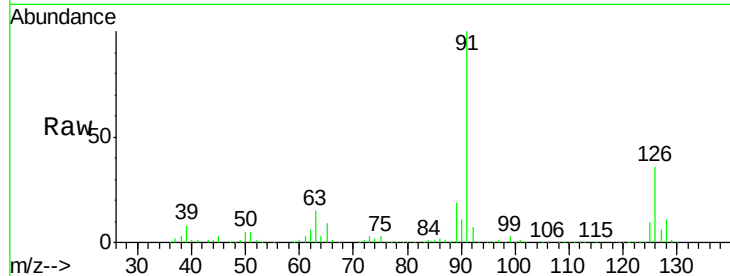
126 36.8 18.3 54.9

Manual Integrations

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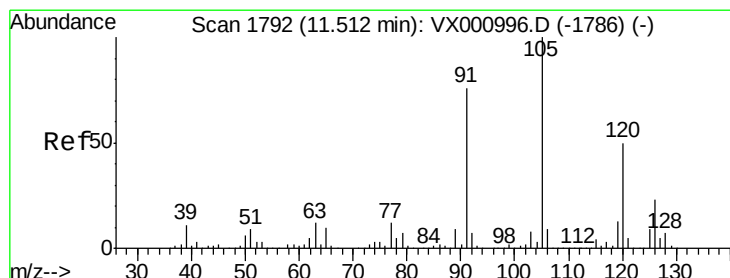
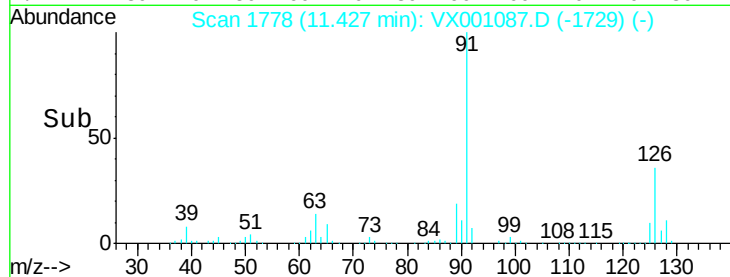
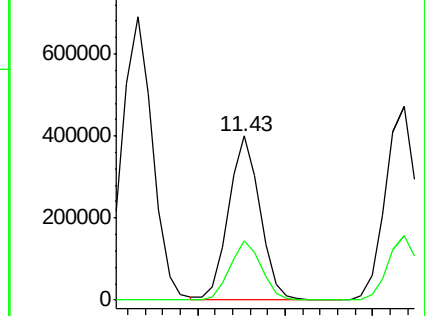
Sohil

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Abundance Ion 91.00 (90.70 to 91.70): VX000996.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX000996.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.60 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001087.D

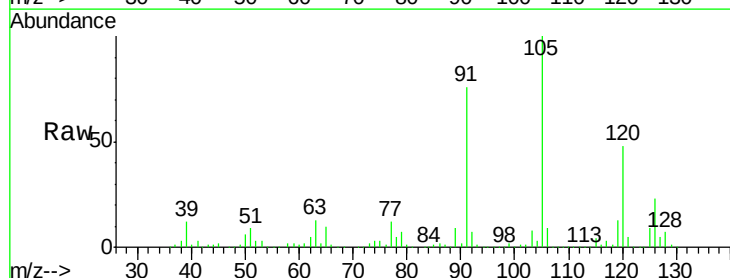
Acq: 24 Apr 2018 20:11

Tgt Ion: 105 Resp: 634199

Ion Ratio Lower Upper

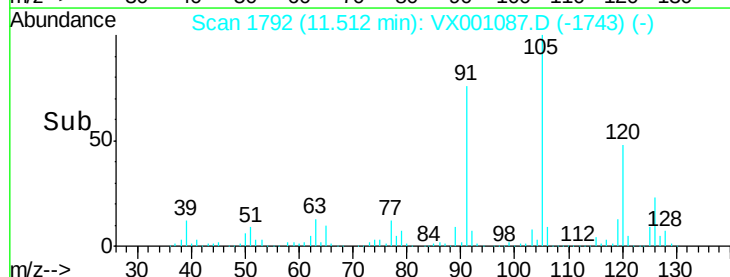
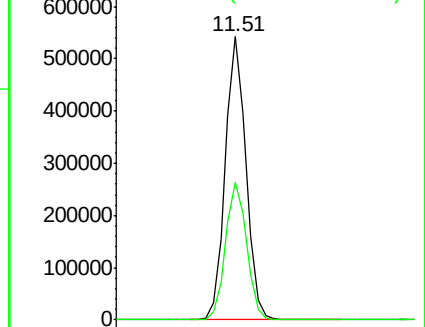
105 100

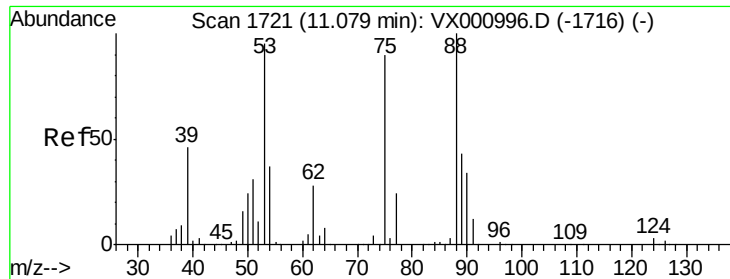
120 49.4 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VX000996.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000996.D (-1786) (-)





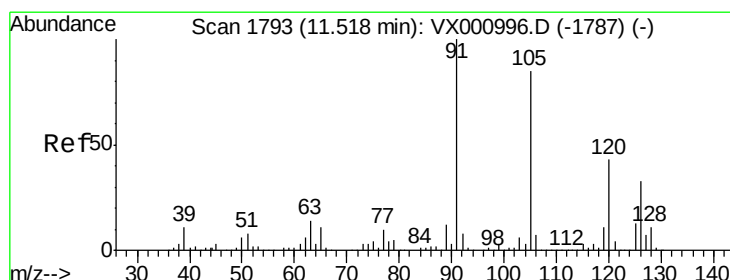
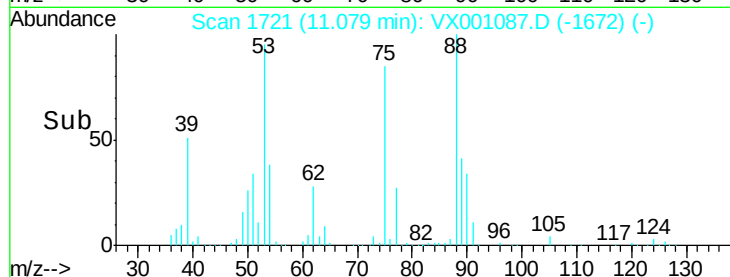
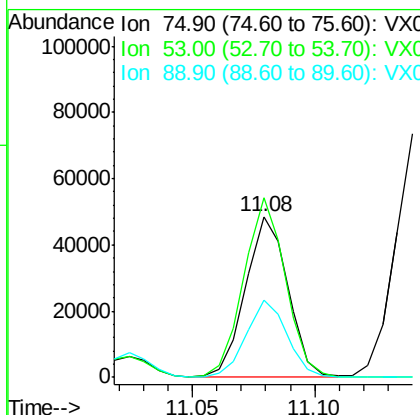
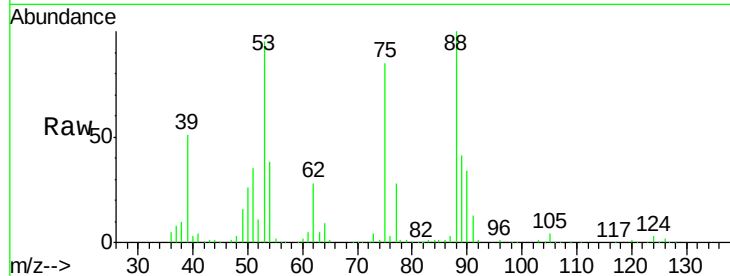
#81
trans-1,4-Dichloro-2-butene
Concen: 45.88 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX001087.D
Acq: 24 Apr 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 58304
Ion Ratio Lower Upper
75 100
53 110.2 83.4 125.2
89 47.1 39.7 59.5

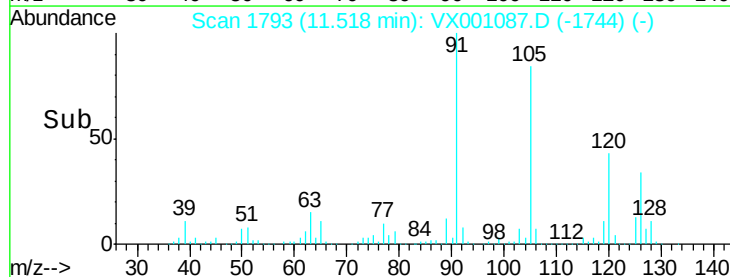
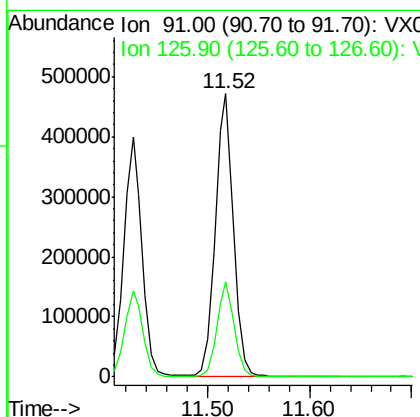
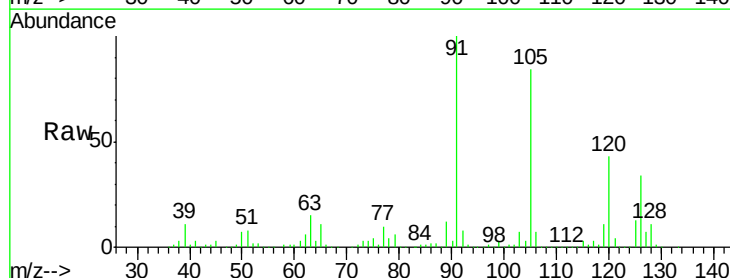
Manual Integrations
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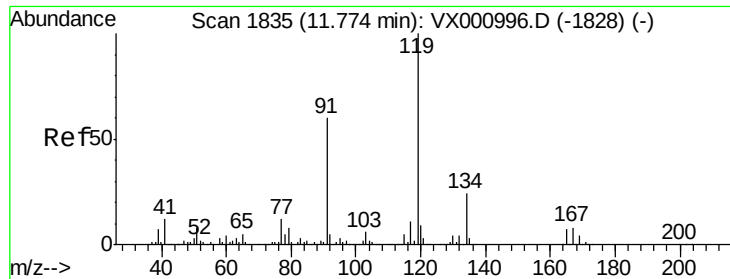
Sohil
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#82
4-Chlorotoluene
Concen: 48.79 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX001087.D
Acq: 24 Apr 2018 20:11

Tgt Ion: 91 Resp: 591319
Ion Ratio Lower Upper
91 100
126 31.9 16.2 48.5





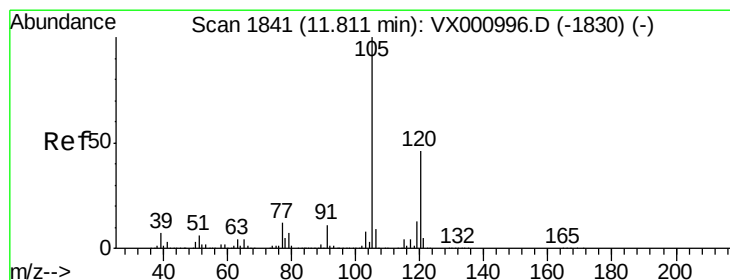
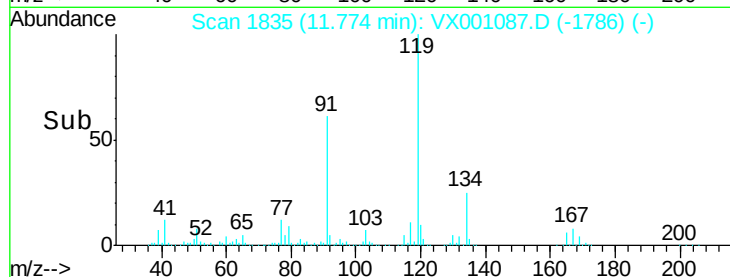
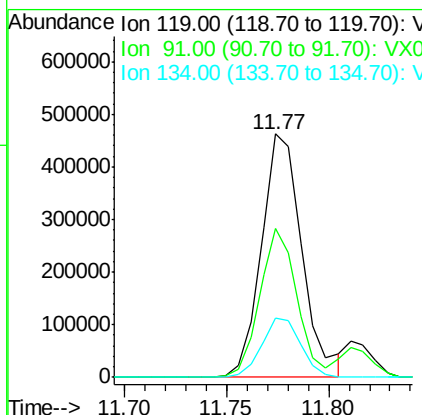
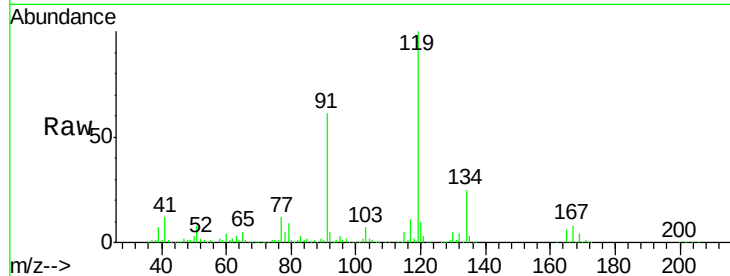
#83
 tert-Butylbenzene
 Concen: 50.69 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001087.D
 Acq: 24 Apr 2018 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.0	27.0	81.0
134	23.6	11.6	34.7

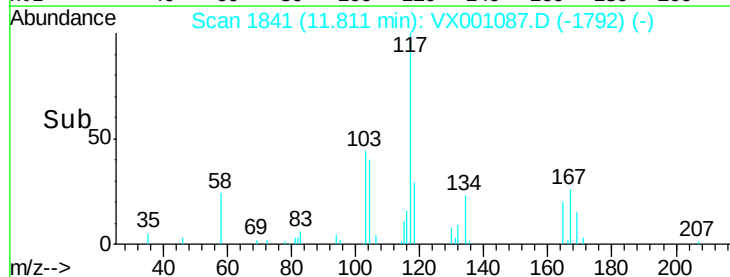
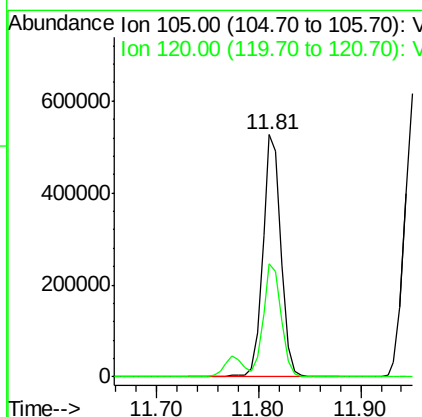
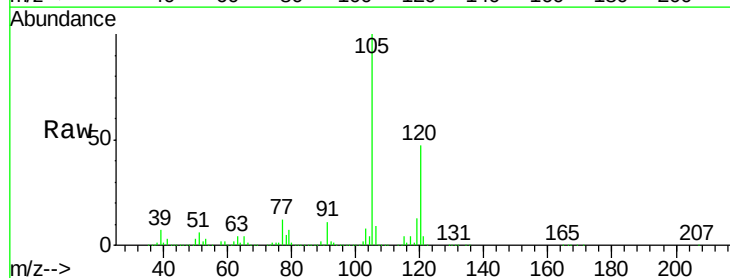
Manual Integrations
 APPROVED

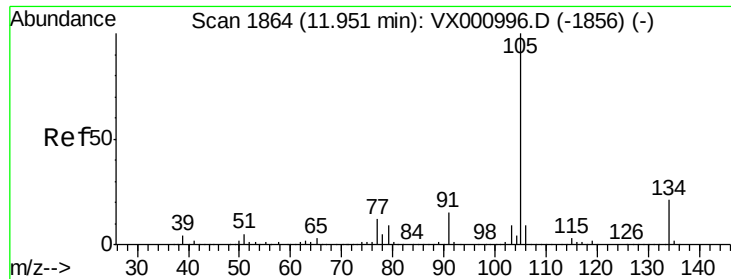
Sohil
 4/26/2018 4:06:20 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 50.38 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001087.D
 Acq: 24 Apr 2018 20:11

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.0	69.0





#85

sec-Butylbenzene

Concen: 50.28 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 758862

Ion Ratio Lower Upper

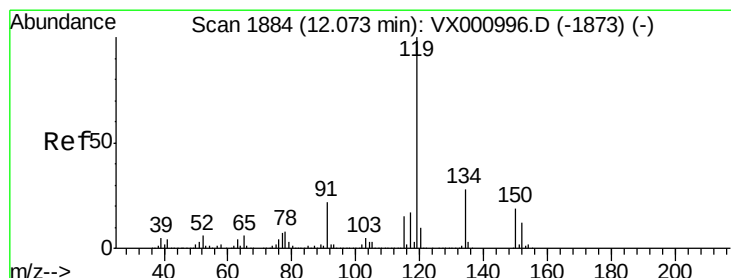
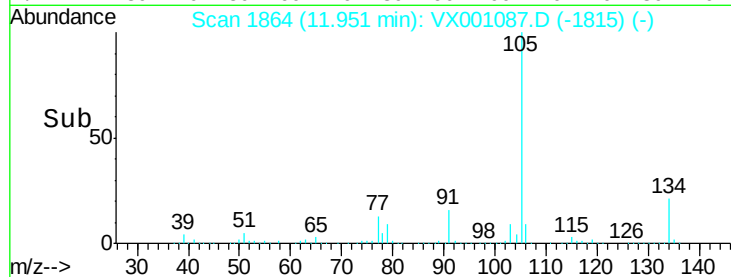
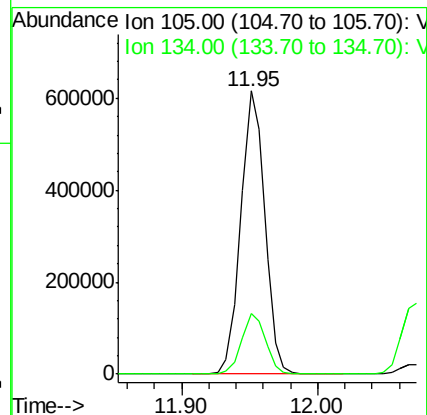
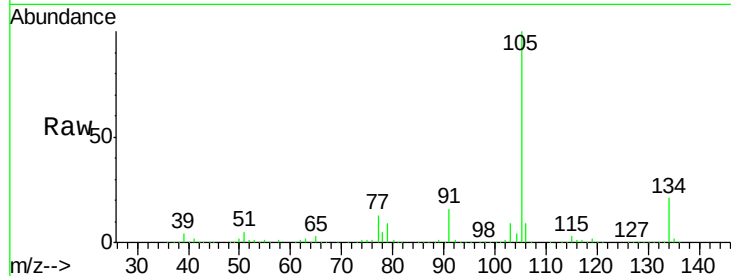
105 100

134 21.4 10.5 31.6

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 50.02 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

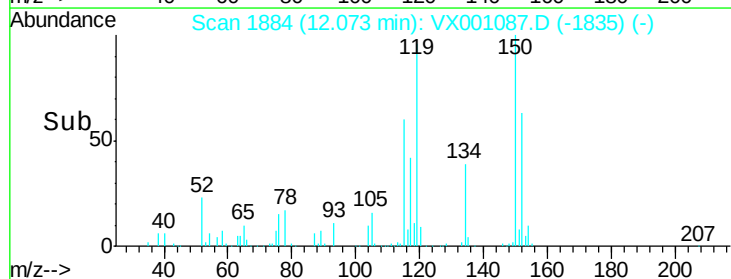
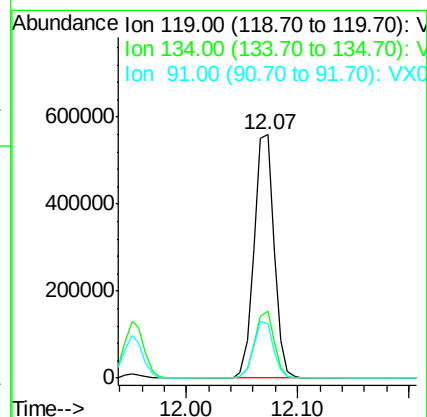
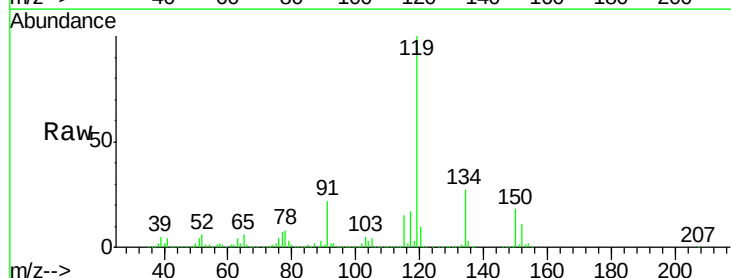
Tgt Ion:119 Resp: 698345

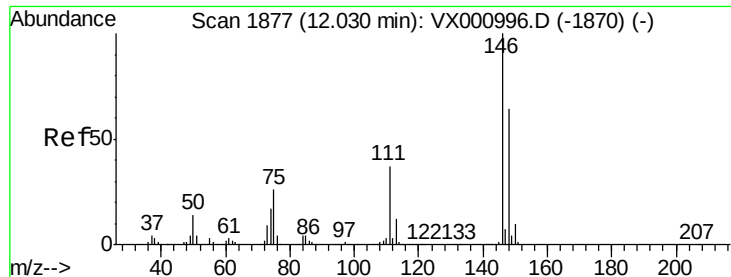
Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.5

91 22.9 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 47.86 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Instrument :

MSVOA_X

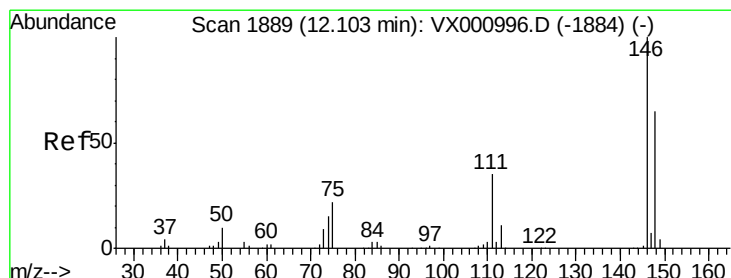
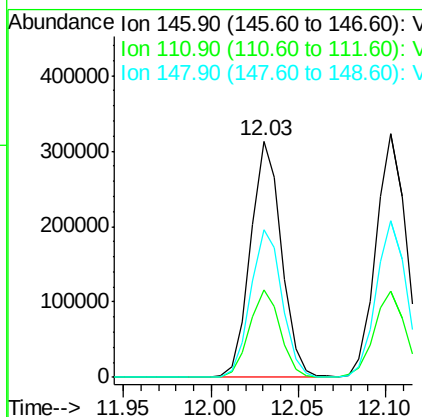
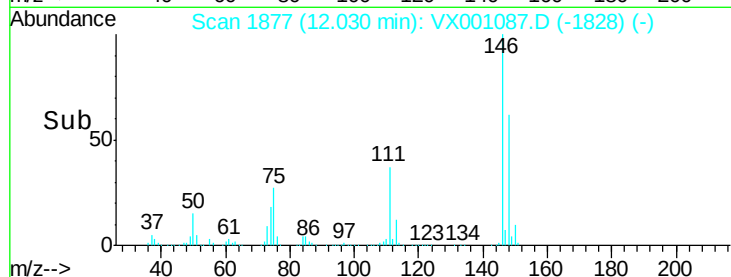
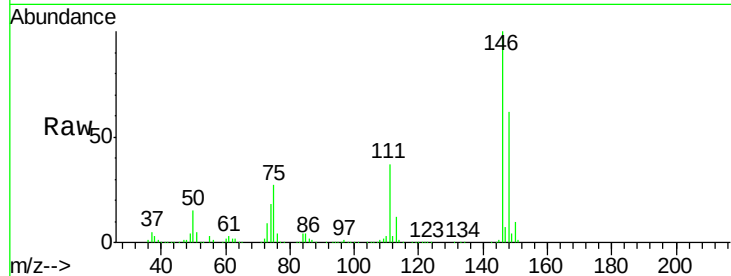
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	384521
Ion Ratio	Lower	Upper	
146	100		
111	37.0	18.3	54.8
148	63.7	32.2	96.6

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 47.05 ug/l

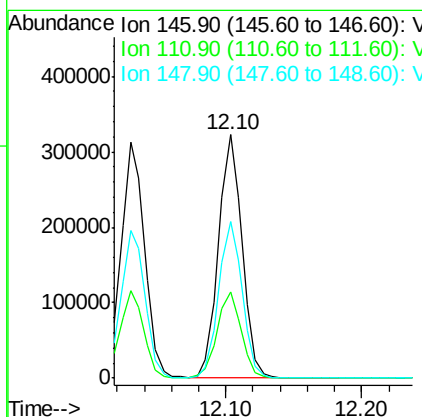
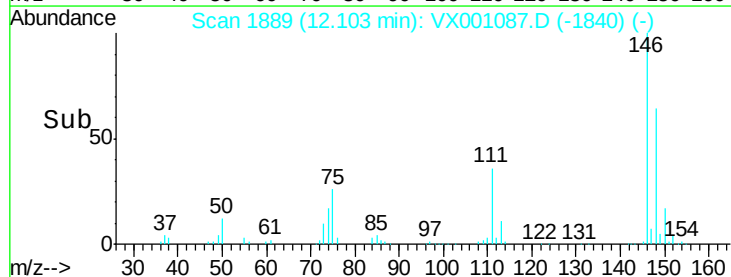
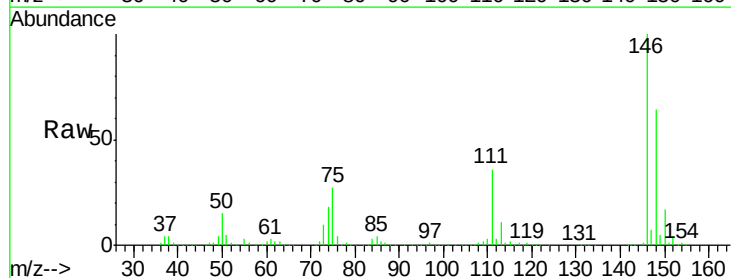
RT: 12.10 min Scan# 1889

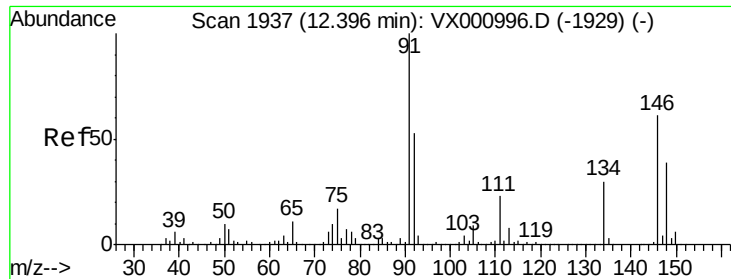
Delta R.T. -0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Tgt Ion:	146	Resp:	388036
Ion Ratio	Lower	Upper	
146	100		
111	36.3	18.0	54.0
148	64.5	32.4	97.0





#89

n-Butylbenzene

Concen: 48.41 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 601393

Ion Ratio Lower Upper

91 100

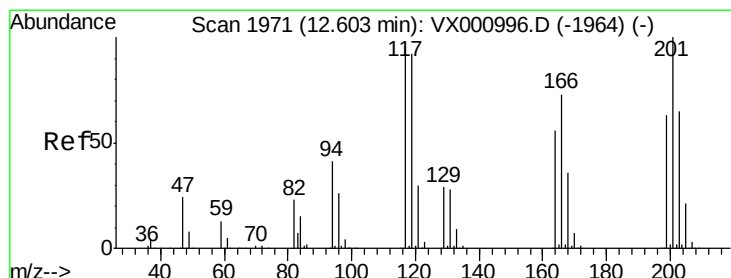
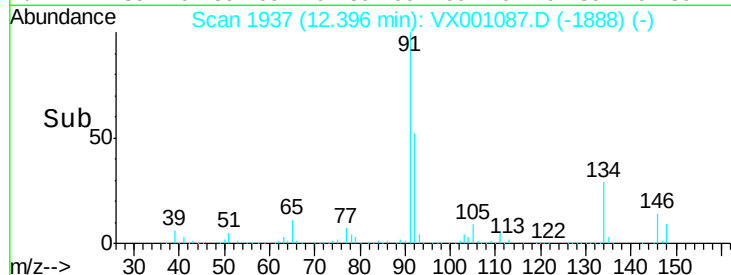
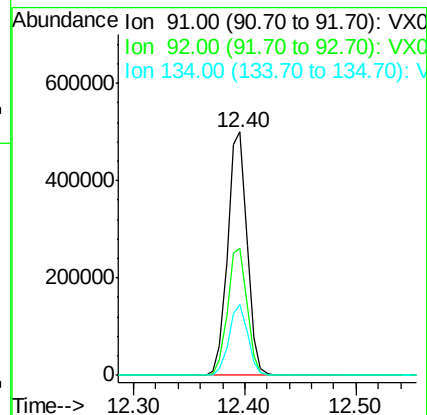
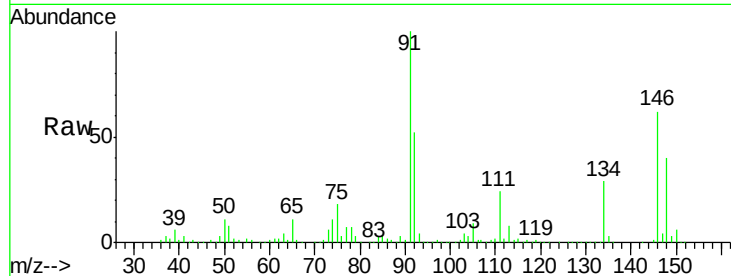
92 52.6 26.3 78.9

134 28.4 14.4 43.0

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#90

Hexachloroethane

Concen: 53.42 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX001087.D

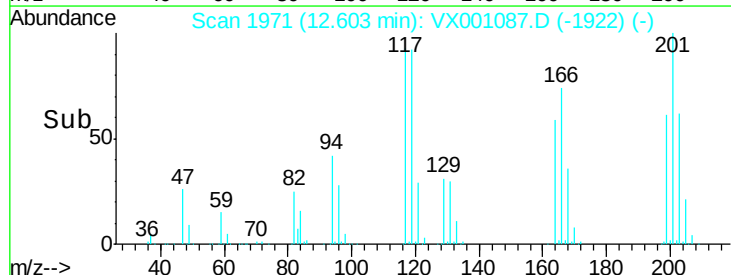
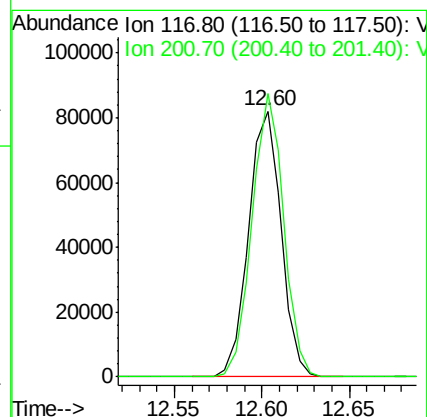
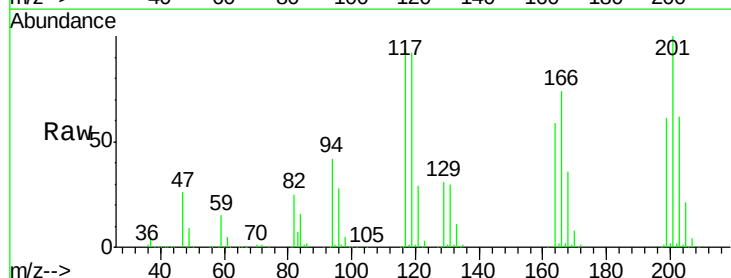
Acq: 24 Apr 2018 20:11

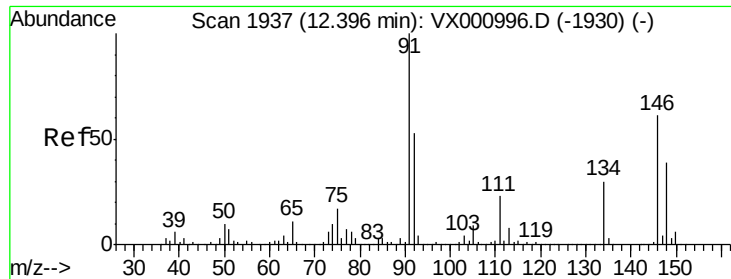
Tgt Ion: 117 Resp: 105678

Ion Ratio Lower Upper

117 100

201 103.6 52.3 157.1





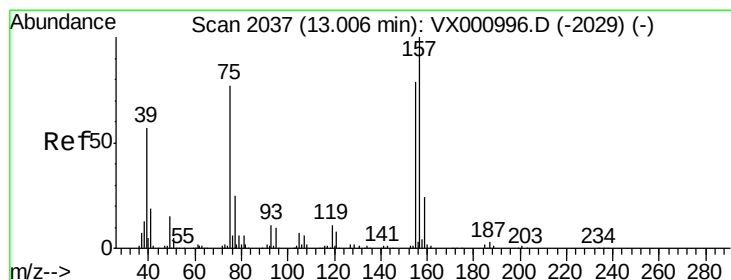
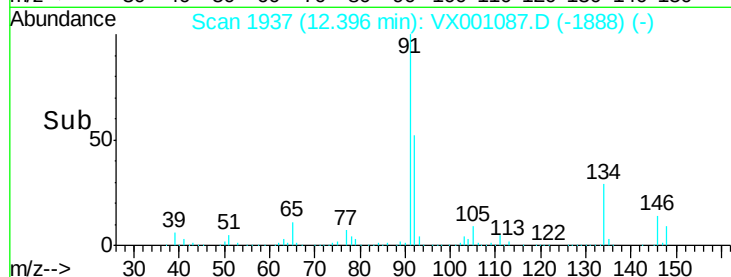
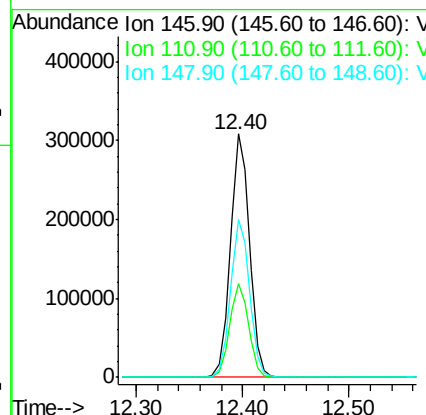
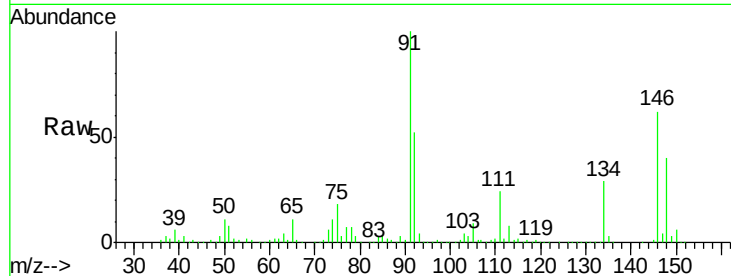
#91
 1,2-Dichlorobenzene
 Concen: 49.61 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001087.D
 Acq: 24 Apr 2018 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.6	56.0
148	64.7	32.3	96.8

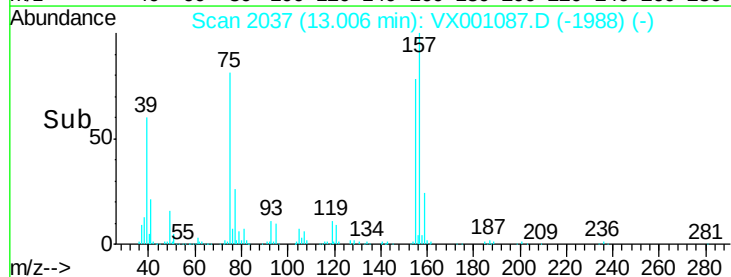
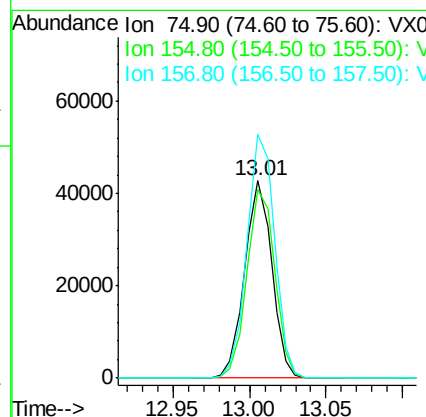
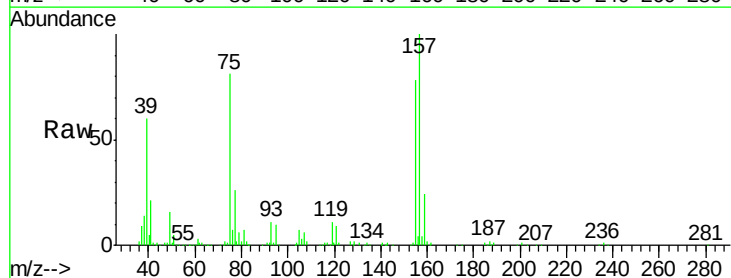
Manual Integrations
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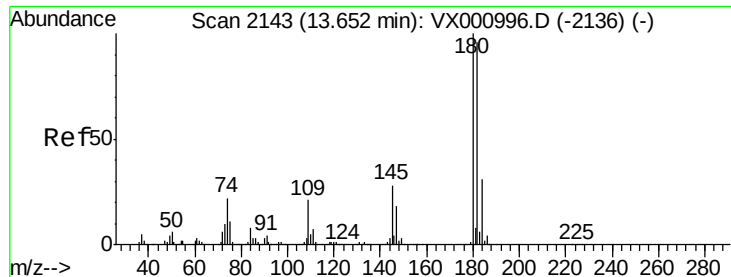
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 60.27 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001087.D
 Acq: 24 Apr 2018 20:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.1	51.0	153.0
157	125.6	64.9	194.7





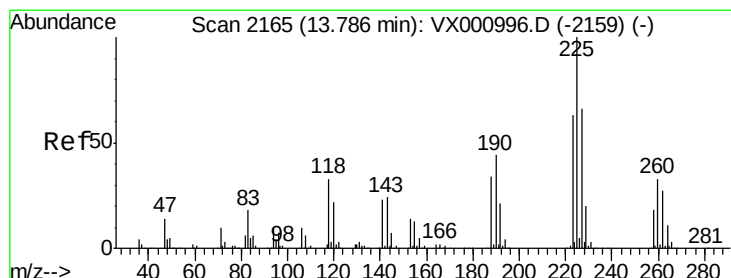
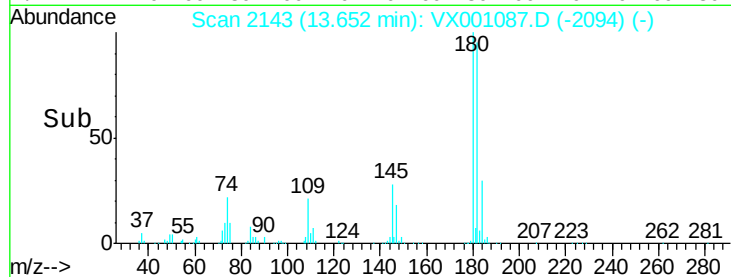
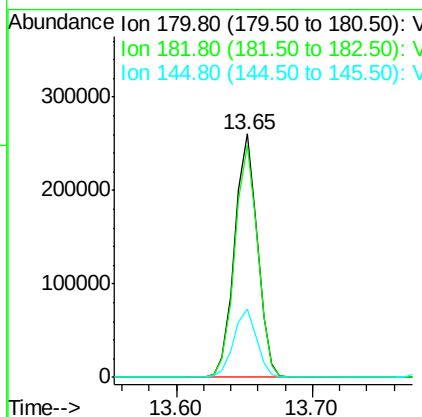
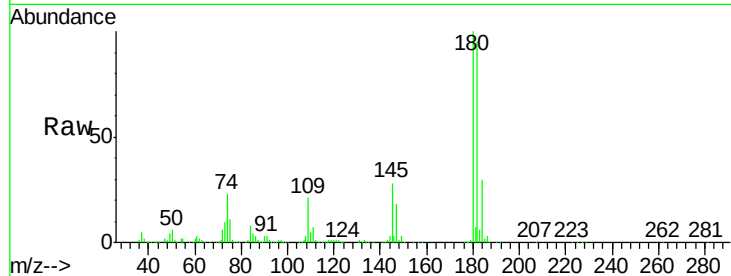
#93
 1,2,4-Trichlorobenzene
 Concen: 46.42 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001087.D
 Acq: 24 Apr 2018 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	303129		
182	95.8	48.0	144.0	
145	28.5	13.9	41.7	

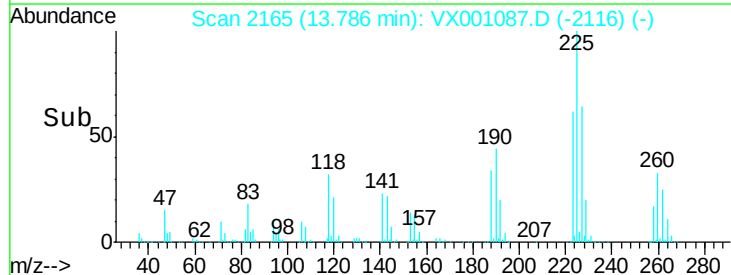
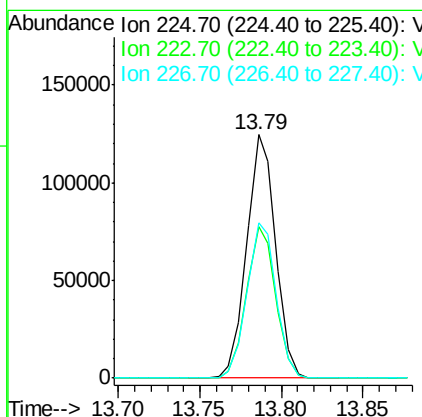
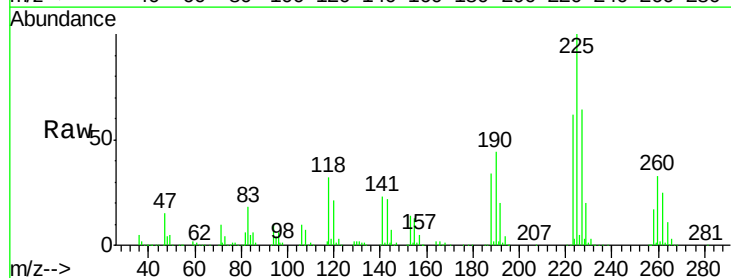
Manual Integrations
 APPROVED

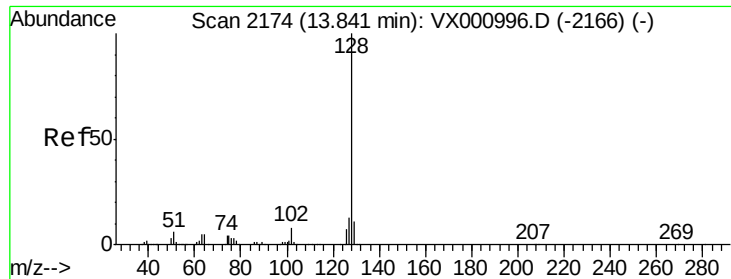
Sohil
 4/26/2018 4:06:20 AM



#94
 Hexachlorobutadiene
 Concen: 52.11 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001087.D
 Acq: 24 Apr 2018 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	153965		
223	62.8	31.5	94.5	
227	64.3	32.6	97.8	





#95

Naphthalene

Concen: 53.49 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Instrument :

MSVOA_X

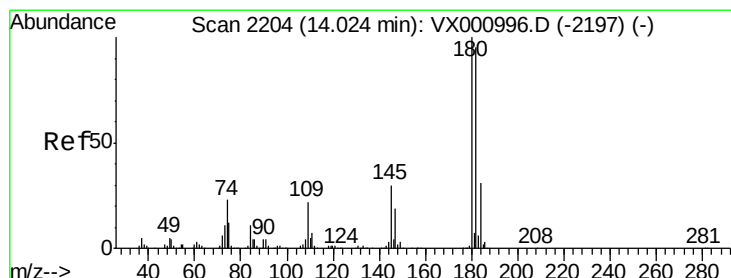
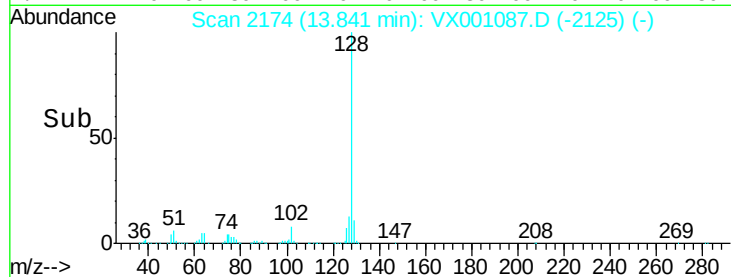
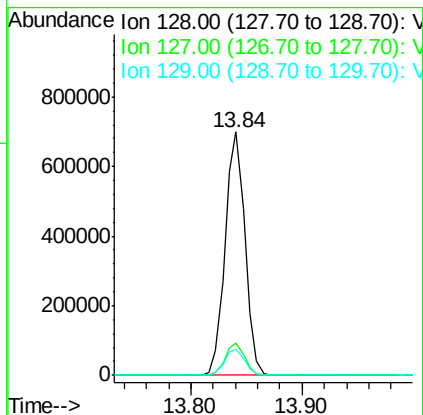
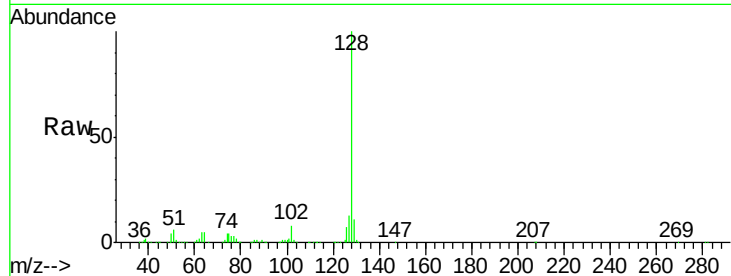
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	858956
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.2	15.4
129	10.9	8.7	13.1

Manual Integrations
APPROVED

Sohil
4/26/2018 4:06:20 AM



#96

1,2,3-Trichlorobenzene

Concen: 48.88 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001087.D

Acq: 24 Apr 2018 20:11

Tgt Ion:	180	Resp:	308714
Ion Ratio	Lower	Upper	
180	100		
182	95.9	47.9	143.7
145	28.8	14.5	43.6

