

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051218\
 Data File : VX001680.D
 Acq On : 12 May 2018 21:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 5/15/2018 6:31:56 PM

Quant Time: May 14 07:25:06 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	223595	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	289461	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	271614	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	194160	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	145532	45.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.56%	
35) Dibromofluoromethane	5.51	113	123153	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	
50) Toluene-d8	8.72	98	433177	46.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.18%	
62) 4-Bromofluorobenzene	11.14	95	161341	44.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	142668	47.40	ug/l	99
3) Chloromethane	1.32	50	135498	46.22	ug/l	99
4) Vinyl Chloride	1.40	62	147925	48.35	ug/l	99
5) Bromomethane	1.64	94	59101	41.63	ug/l	99
6) Chloroethane	1.72	64	99683	49.29	ug/l	99
7) Trichlorofluoromethane	1.93	101	232890	50.58	ug/l	100
8) Diethyl Ether	2.19	74	92936	51.50	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	137633	50.99	ug/l	99
10) Methyl Iodide	2.51	142	166690	42.80	ug/l	99
11) Tert butyl alcohol	3.09	59	170734	251.97	ug/l	99
12) 1,1-Dichloroethene	2.37	96	125383	50.68	ug/l	99
13) Acrolein	2.30	56	23074	168.96	ug/l	96
14) Allyl chloride	2.73	41	240796	52.20	ug/l	97
15) Acrylonitrile	3.15	53	400712	261.71	ug/l	99
16) Acetone	2.45	43	350130	239.93	ug/l	99
17) Carbon Disulfide	2.57	76	285249	45.30	ug/l	99
18) Methyl Acetate	2.78	43	224829	58.64	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	453413	52.64	ug/l	97
20) Methylene Chloride	2.86	84	145531	50.37	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	133270	48.27	ug/l	98
22) Diisopropyl ether	3.88	45	468547	54.36	ug/l	99
23) Vinyl Acetate	3.83	43	1887166	262.72	ug/l	100
24) 1,1-Dichloroethane	3.70	63	250369	52.00	ug/l	99
25) 2-Butanone	4.71	43	543121	257.47	ug/l	99
26) 2,2-Dichloropropane	4.59	77	180099	48.44	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	157207	53.46	ug/l	94
28) Bromochloromethane	5.03	49	115363	55.26	ug/l	100
29) Tetrahydrofuran	5.17	42	348584	258.27	ug/l	100
30) Chloroform	5.22	83	274728	55.39	ug/l	96
31) Cyclohexane	5.57	56	211503	51.15	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	240763	55.54	ug/l	99
36) 1,1-Dichloropropene	5.81	75	188840	51.29	ug/l	100
37) Ethyl Acetate	4.87	43	208819	51.74	ug/l	100
38) Carbon Tetrachloride	5.79	117	217183	55.31	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	219648	50.46	ug/l	97
40) Benzene	6.15	78	582606	54.17	ug/l	98
41) Methacrylonitrile	5.07	41	120495	52.18	ug/l	98
42) 1,2-Dichloroethane	6.20	62	222430	53.81	ug/l	100
43) Isopropyl Acetate	6.47	43	329116	53.12	ug/l	99
44) Trichloroethene	7.22	130	176096	53.57	ug/l	99
45) 1,2-Dichloropropane	7.52	63	146615	54.68	ug/l	99
46) Dibromomethane	7.67	93	102384	53.94	ug/l	98
47) Bromodichloromethane	7.90	83	202673	57.70	ug/l	98
48) Methyl methacrylate	7.78	41	179042	53.07	ug/l	98
49) 1,4-Dioxane	7.76	88	76318	1047.01	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1127268	273.78	ug/l	98
52) Toluene	8.79	92	385952	54.88	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	226098	56.95	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	206134	50.21	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	153981	54.35	ug/l	98
56) Ethyl methacrylate	9.19	69	219712	53.80	ug/l	97
57) 1,3-Dichloropropane	9.38	76	251267	53.64	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	573649	286.39	ug/l	100
59) 2-Hexanone	9.51	43	825772	261.91	ug/l	100
60) Dibromochloromethane	9.59	129	165040	56.89	ug/l	99
61) 1,2-Dibromoethane	9.68	107	159356	53.57	ug/l	100
64) Tetrachloroethene	9.34	164	204891	54.12	ug/l	97
65) Chlorobenzene	10.15	112	427866	53.71	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	163550	57.40	ug/l	99
67) Ethyl Benzene	10.26	91	704583	53.97	ug/l	99
68) m/p-Xylenes	10.37	106	560753	108.70	ug/l	99
69) o-Xylene	10.70	106	274775	54.80	ug/l	99
70) Styrene	10.72	104	460597	56.55	ug/l	99
71) Bromoform	10.87	173	134057	49.00	ug/l	99
73) Isopropylbenzene	11.02	105	742689	55.25	ug/l	100
74) N-amyl acetate	6.47	43	329116	53.91	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	217028	54.67	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	182959m	46.46	ug/l	
77) Bromobenzene	11.26	156	209166	53.53	ug/l	100
78) n-propylbenzene	11.37	91	818259	55.90	ug/l	100
79) 2-Chlorotoluene	11.43	91	490455	54.45	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	616693	55.11	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	56523	46.13	ug/l	98
82) 4-Chlorotoluene	11.52	91	569683	54.83	ug/l	100
83) tert-Butylbenzene	11.77	119	611583	54.92	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	638887	55.55	ug/l	100
85) sec-Butylbenzene	11.95	105	753365	56.37	ug/l	100
86) p-Isopropyltoluene	12.07	119	688309	56.14	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	378083	54.12	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	380031	53.34	ug/l	100
89) n-Butylbenzene	12.39	91	556061	54.74	ug/l	100
90) Hexachloroethane	12.60	117	109012	59.05	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	389991	54.87	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	48501	55.61	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	286284	55.05	ug/l	99
94) Hexachlorobutadiene	13.79	225	152501	53.59	ug/l	99
95) Naphthalene	13.84	128	823466	57.25	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	299832	56.19	ug/l	99

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

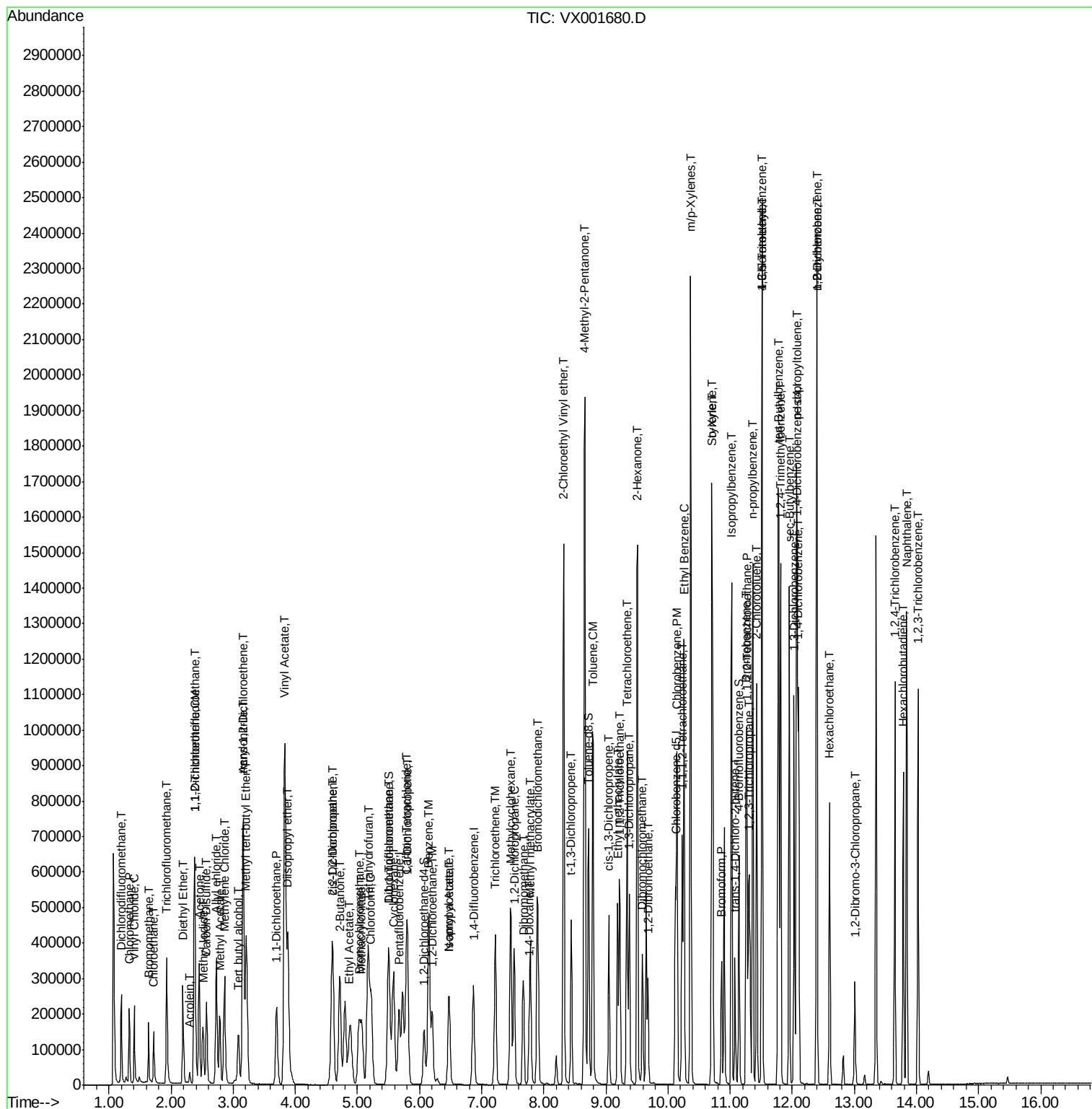
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051218\
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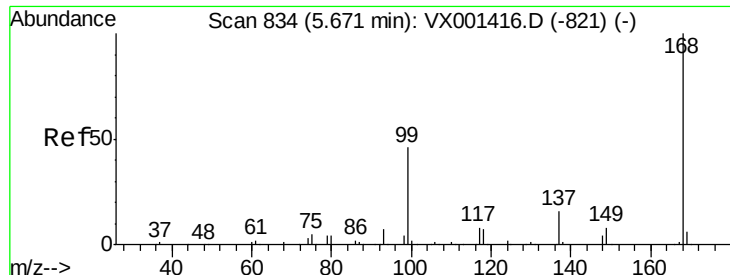
Instrument :
MSVOA_X
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 223595

Ion Ratio Lower Upper

168 100

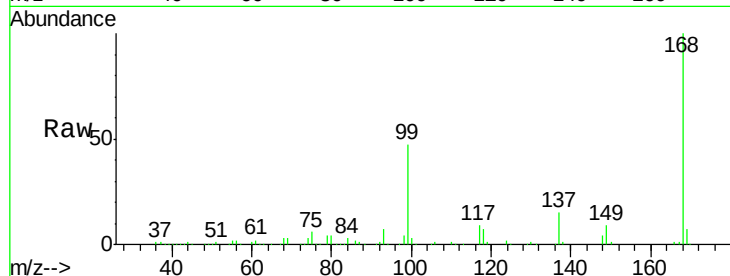
99 46.6 36.6 54.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

80000

60000

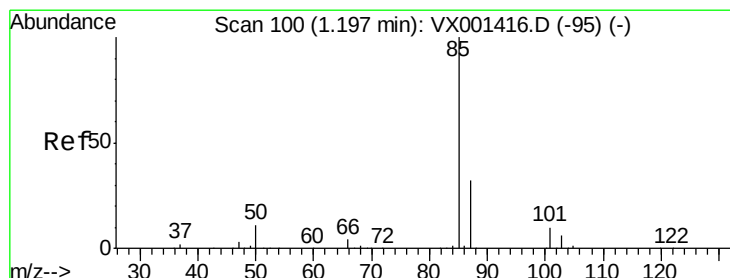
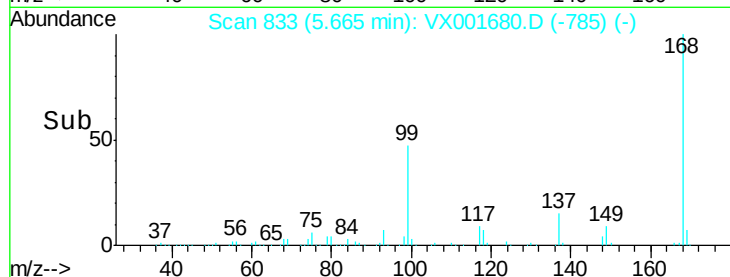
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 47.40 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001680.D

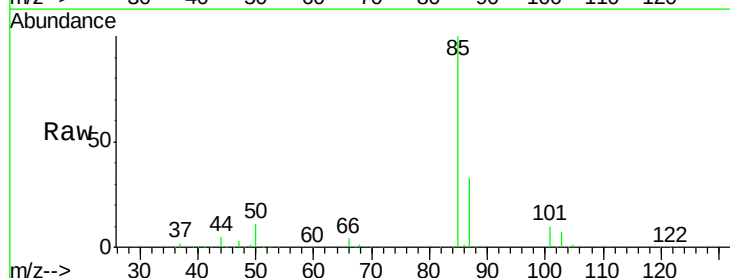
Acq: 12 May 2018 21:35

Tgt Ion: 85 Resp: 142668

Ion Ratio Lower Upper

85 100

87 33.2 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

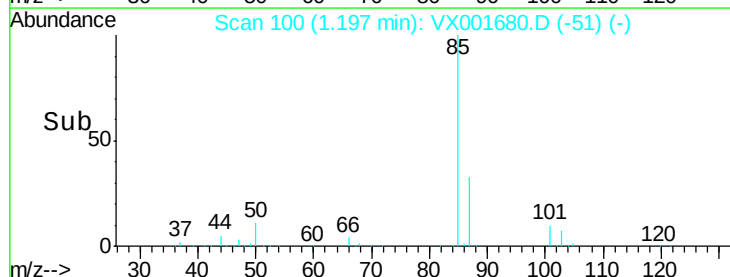
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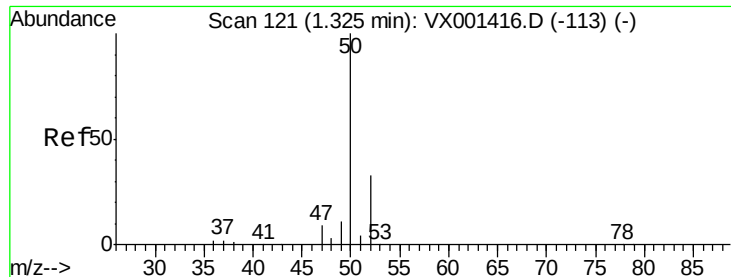
50000

0

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 46.22 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 50 Resp: 135498

Ion Ratio Lower Upper

50 100

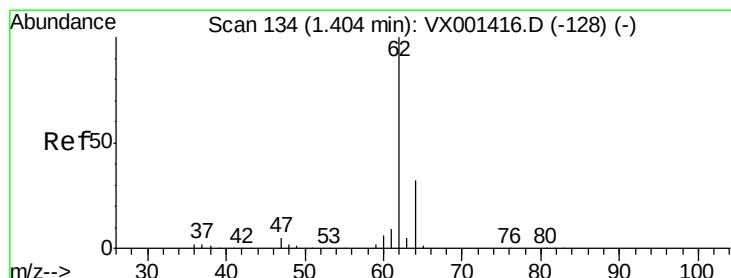
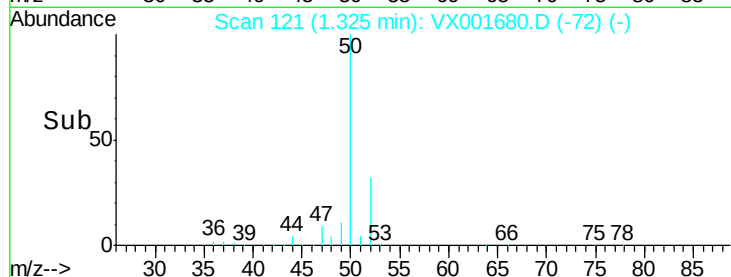
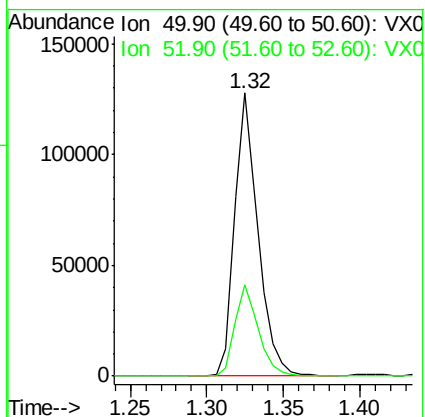
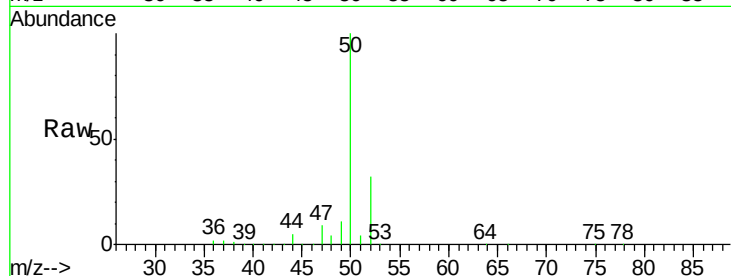
52 32.5 26.2 39.4

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#4

Vinyl Chloride

Concen: 48.35 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001680.D

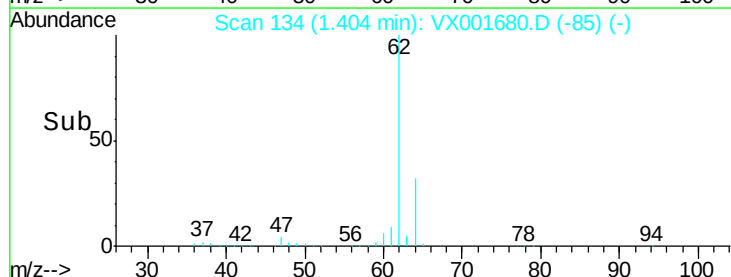
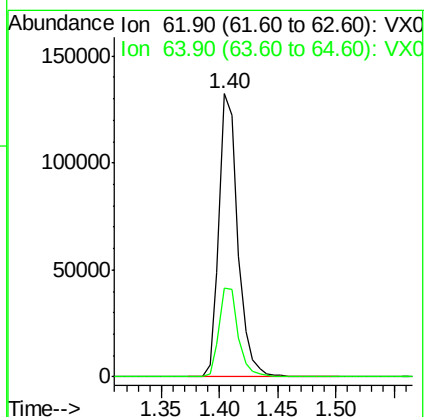
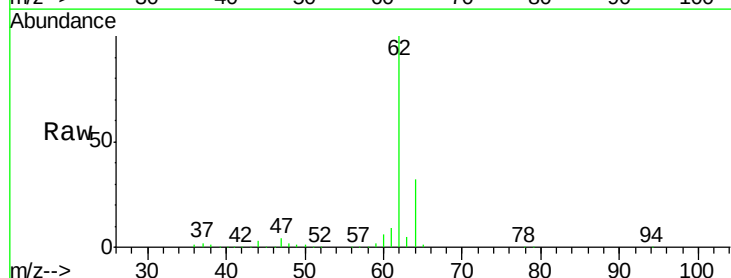
Acq: 12 May 2018 21:35

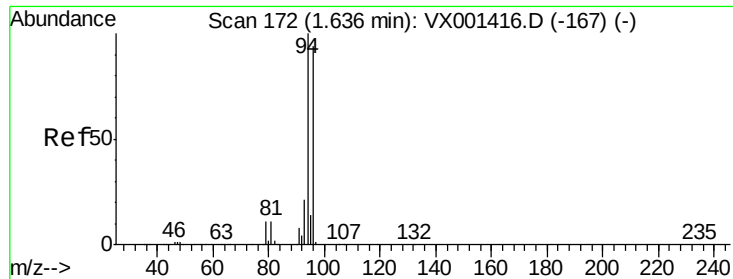
Tgt Ion: 62 Resp: 147925

Ion Ratio Lower Upper

62 100

64 31.6 25.8 38.6





#5

Bromomethane

Concen: 41.63 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 59101

Ion Ratio Lower Upper

94 100

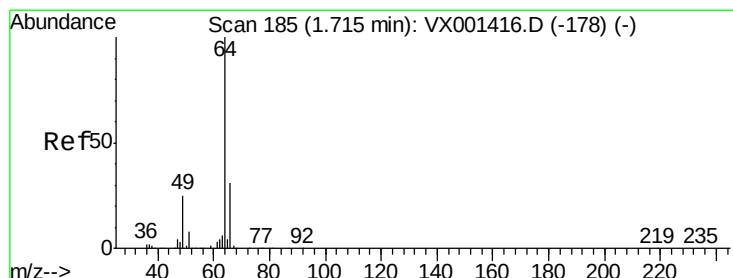
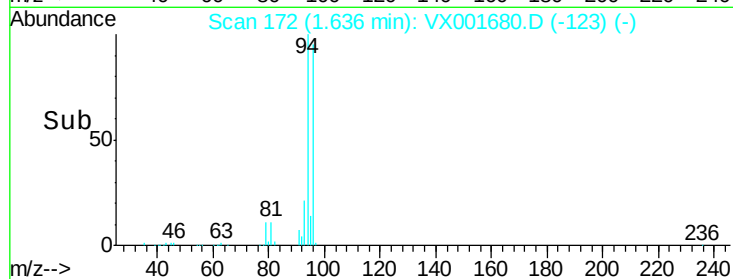
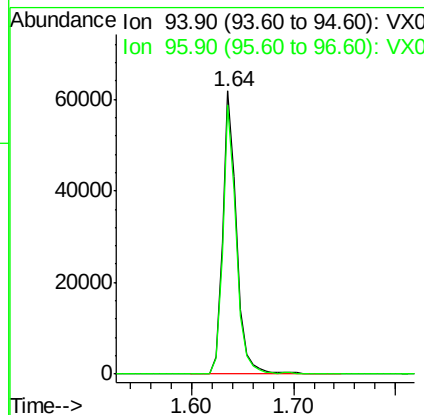
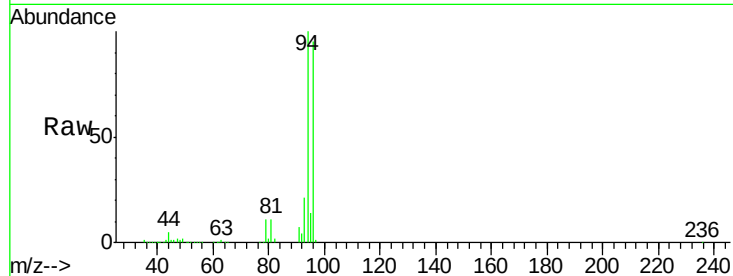
96 95.1 75.0 112.6

Manual Integrations

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#6

Chloroethane

Concen: 49.29 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX001680.D

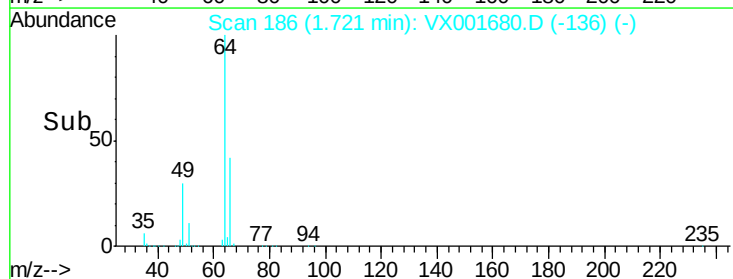
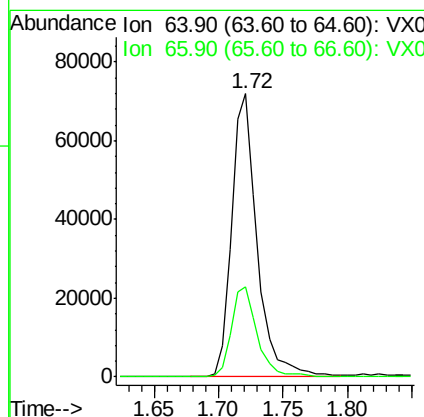
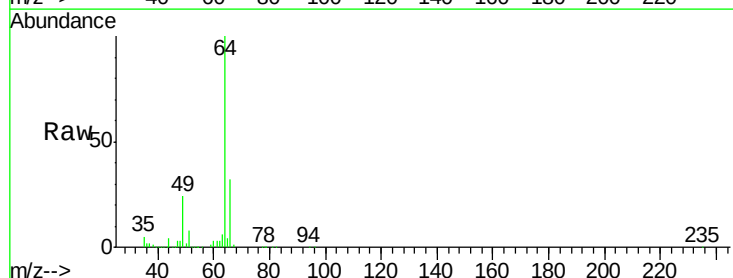
Acq: 12 May 2018 21:35

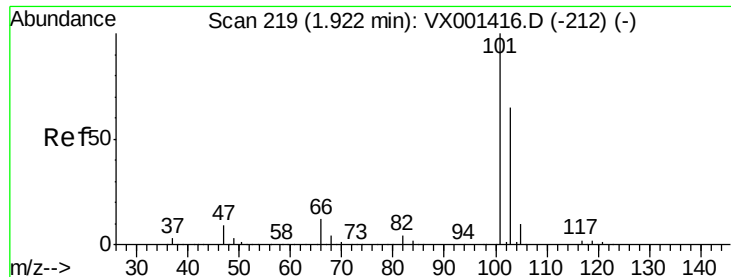
Tgt Ion: 64 Resp: 99683

Ion Ratio Lower Upper

64 100

66 31.8 25.1 37.7





#7

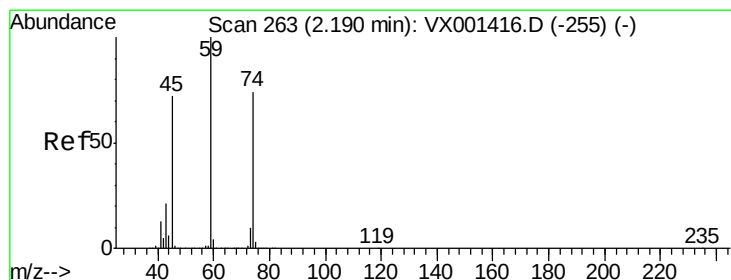
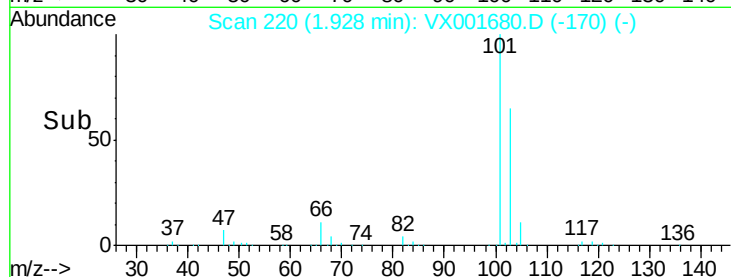
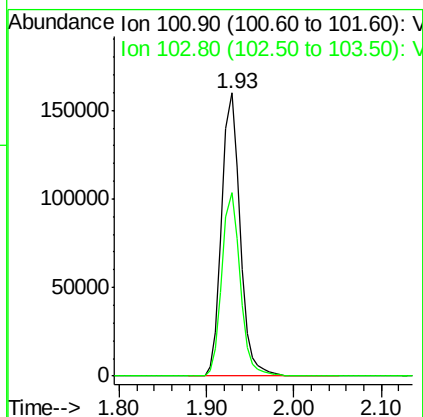
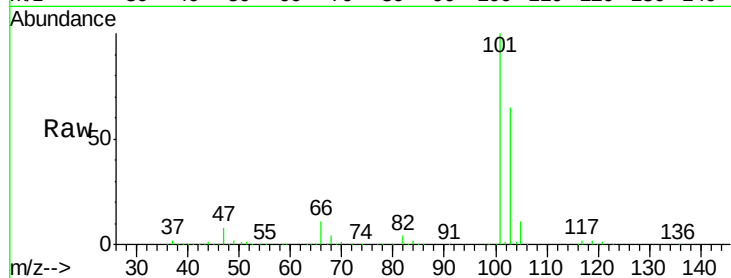
Trichlorofluoromethane
Concen: 50.58 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:101 Resp: 232890
Ion Ratio Lower Upper
101 100
103 64.8 52.0 78.0

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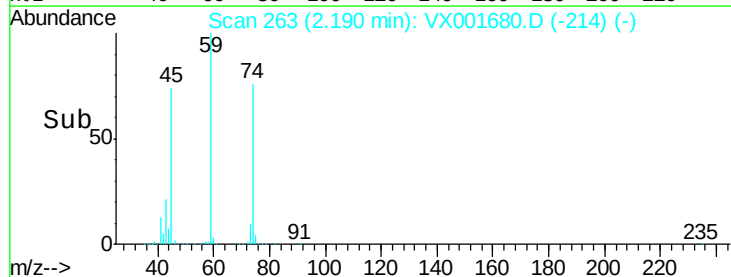
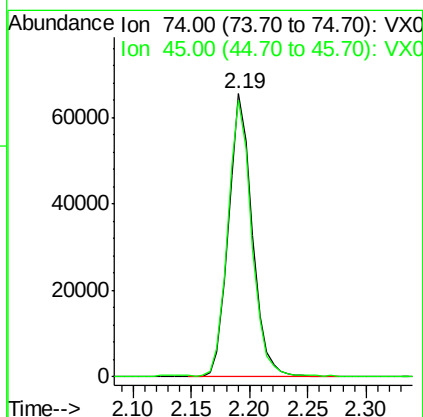
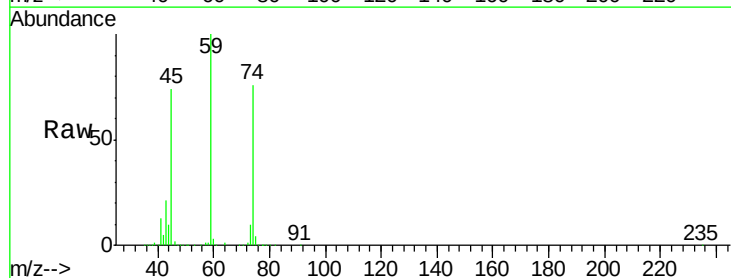
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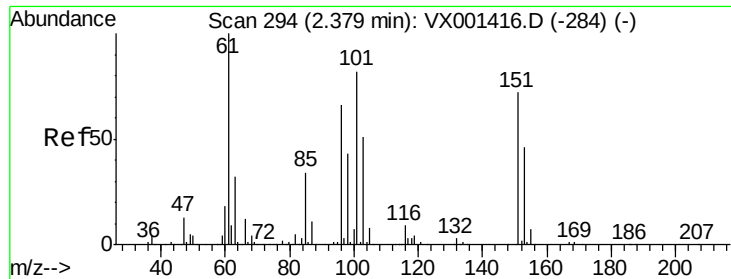


#8

Diethyl Ether
Concen: 51.50 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

Tgt Ion: 74 Resp: 92936
Ion Ratio Lower Upper
74 100
45 98.7 47.9 143.6





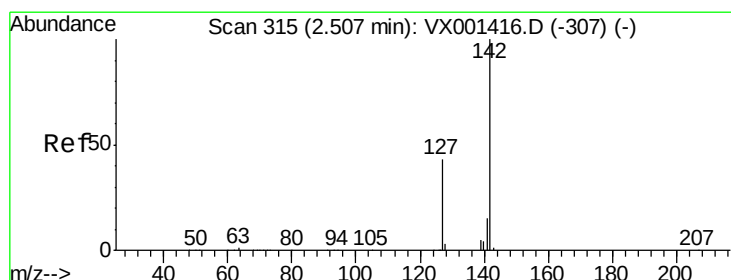
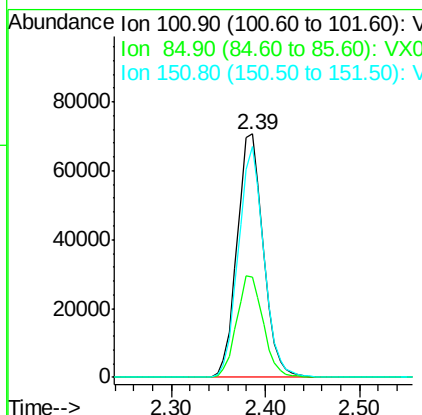
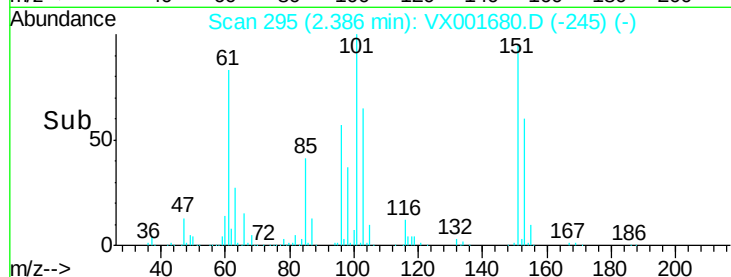
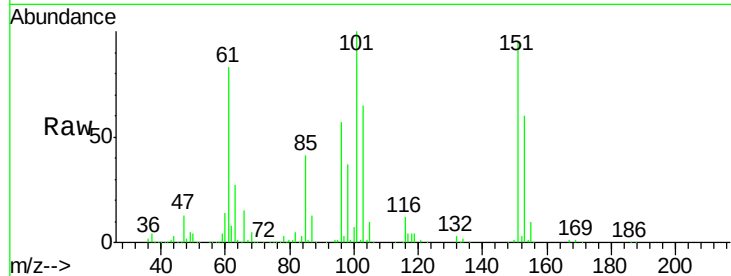
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.99 ug/l
RT: 2.39 min Scan# 295
Delta R.T. 0.01 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	137633		
85	42.2	33.7	50.5	
151	92.3	72.3	108.5	

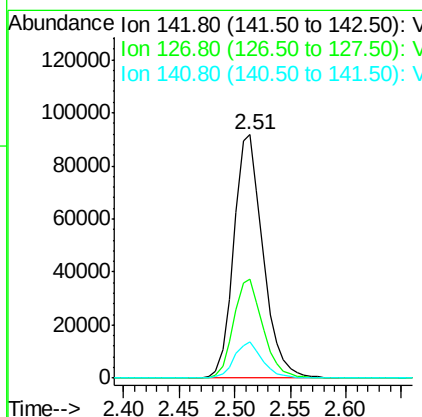
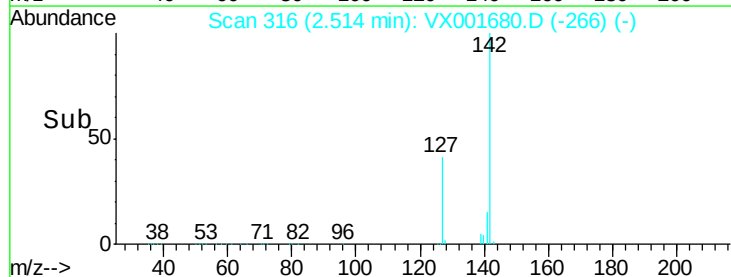
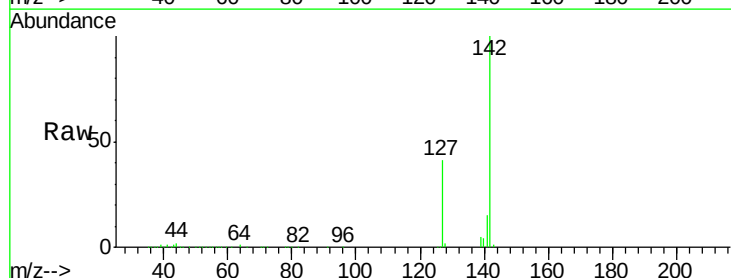
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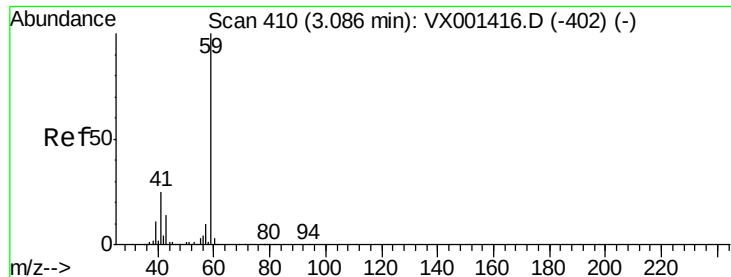
apatel
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#10
Methyl Iodide
Concen: 42.80 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	166690		
127	41.0	33.6	50.4	
141	14.3	11.4	17.2	





#11

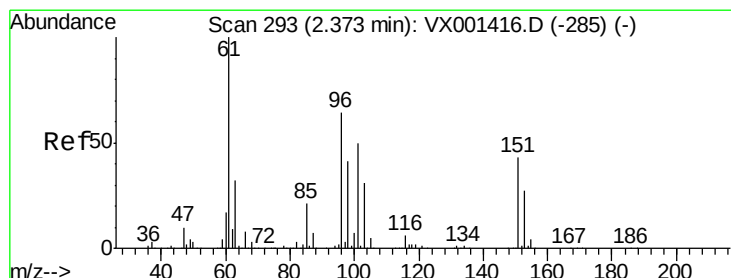
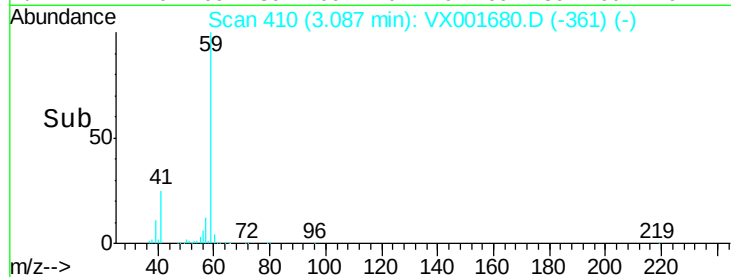
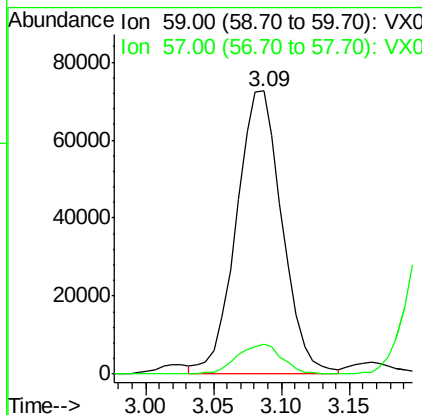
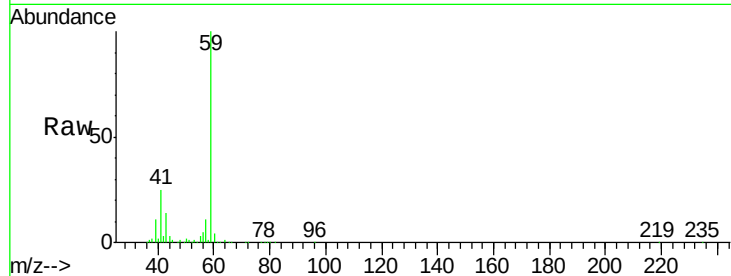
Tert butyl alcohol
 Concen: 251.97 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: VX001680.D
 Acq: 12 May 2018 21:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	59	Resp	170734
Ion Ratio	100	Lower	Upper
57	10.6	8.2	12.4

Manual Integrations
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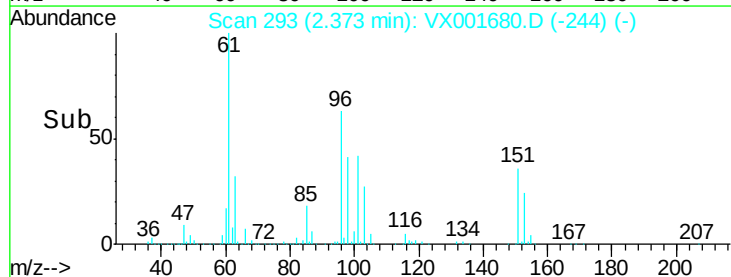
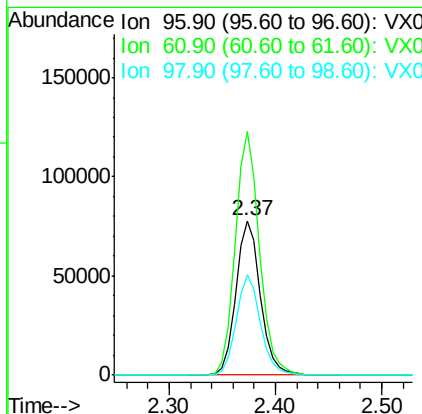
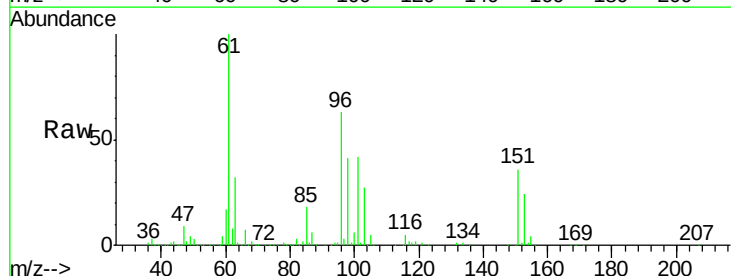
apatel
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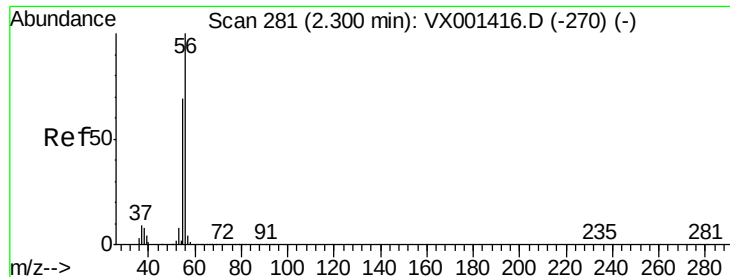


#12

1,1-Dichloroethene
 Concen: 50.68 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX001680.D
 Acq: 12 May 2018 21:35

Tgt Ion	96	Resp	125383
Ion Ratio	100	Lower	Upper
61	157.9	125.7	188.5
98	64.6	52.0	78.0





#13

Acrolein

Concen: 168.96 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 23074

Ion Ratio Lower Upper

56 100

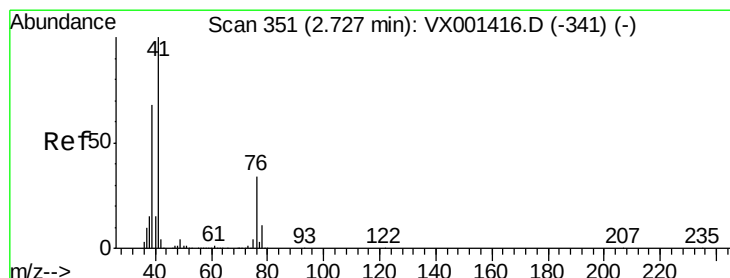
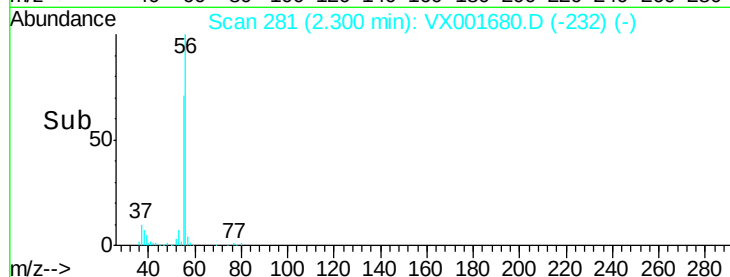
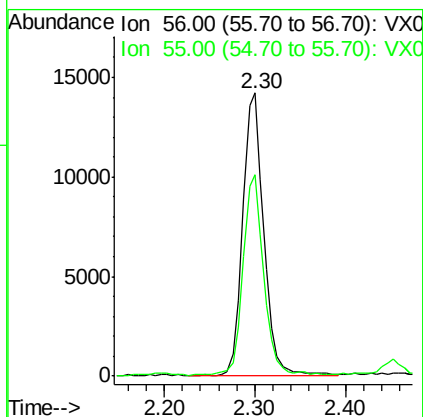
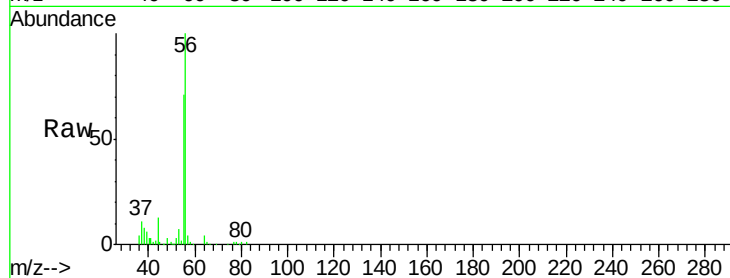
55 71.1 54.5 81.7

Manual Integrations

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#14

Allyl chloride

Concen: 52.20 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

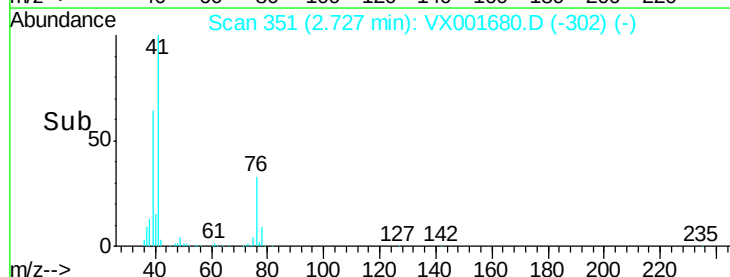
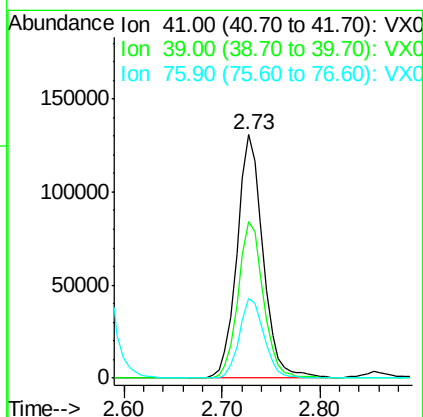
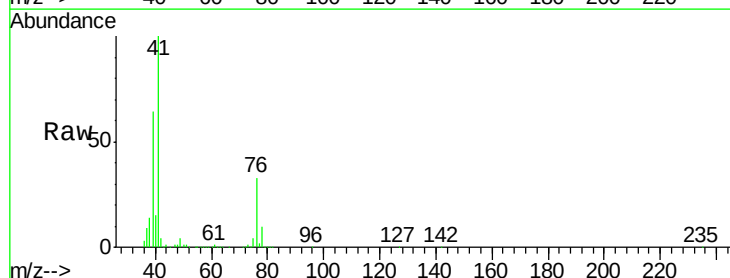
Tgt Ion: 41 Resp: 240796

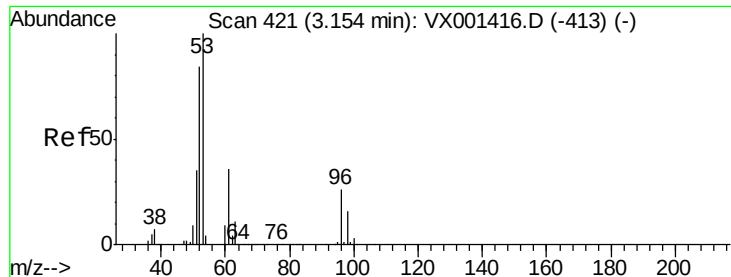
Ion Ratio Lower Upper

41 100

39 62.6 52.4 78.6

76 31.4 25.8 38.6





#15

Acrylonitrile

Concen: 261.71 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Instrument :

MSVOA_X

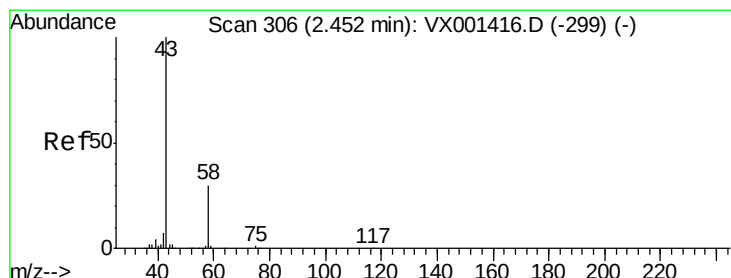
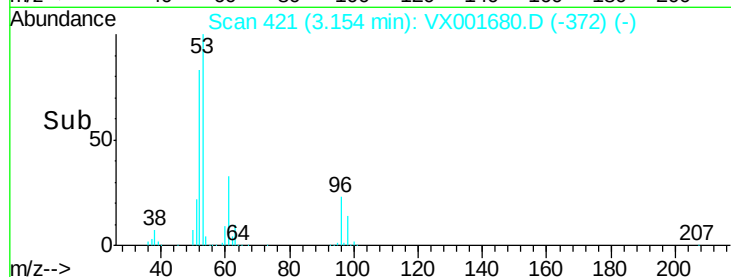
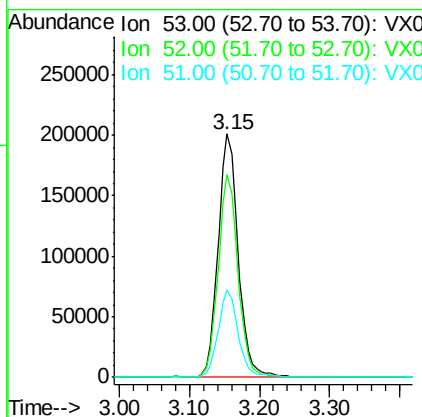
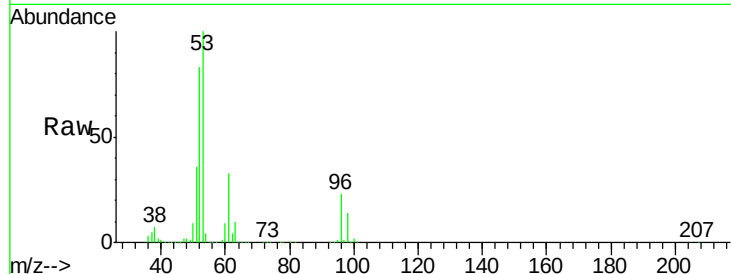
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	400712
Ion Ratio		Lower	Upper
53	100		
52	81.9	66.2	99.2
51	35.6	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 239.93 ug/l

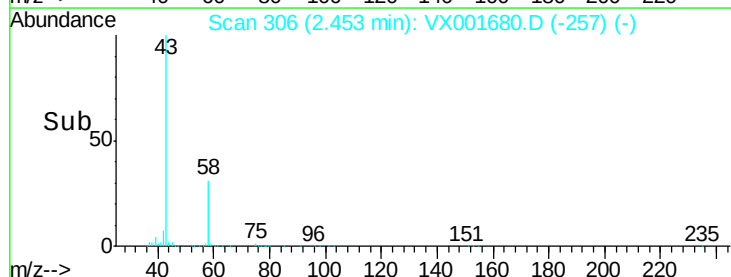
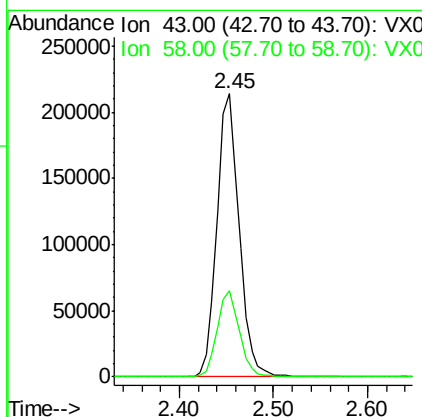
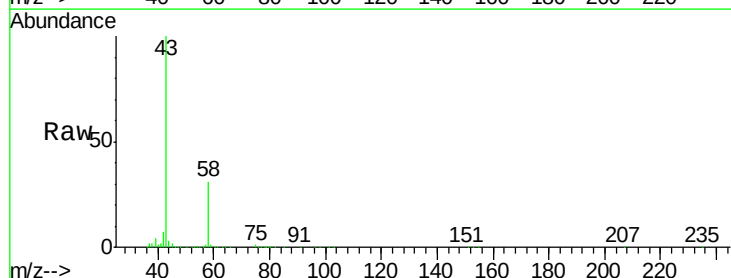
RT: 2.45 min Scan# 306

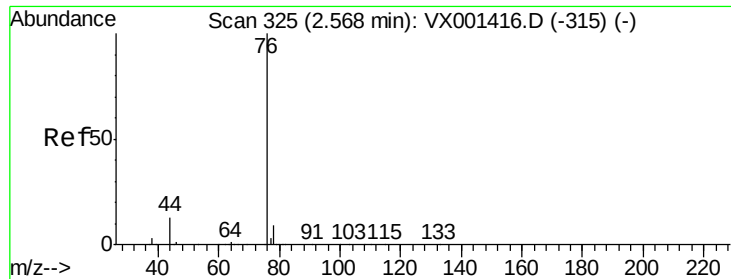
Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Tgt Ion:	43	Resp:	350130
Ion Ratio		Lower	Upper
43	100		
58	30.5	23.8	35.8





#17

Carbon Disulfide

Concen: 45.30 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 285249

Ion Ratio Lower Upper

76 100

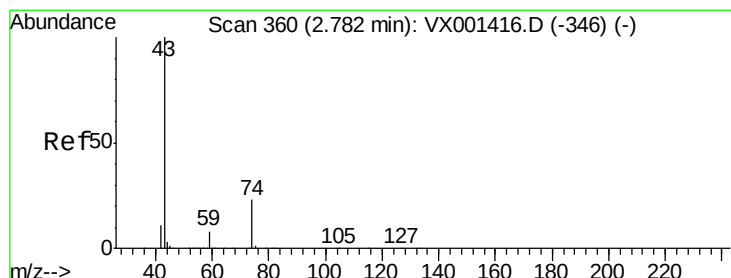
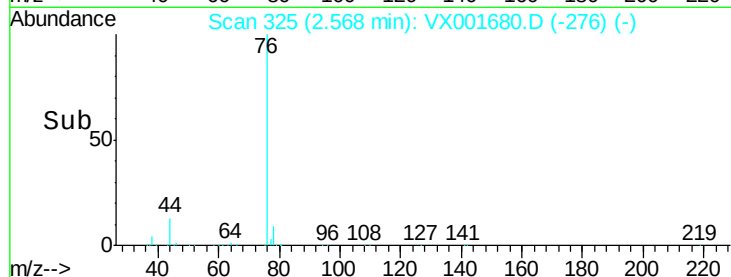
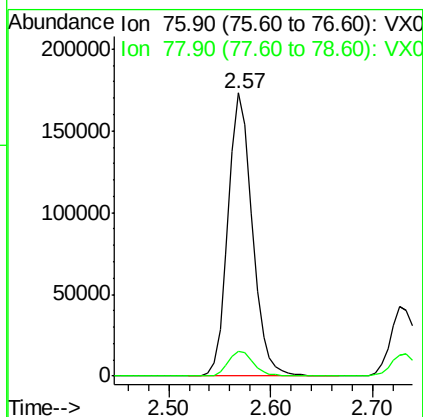
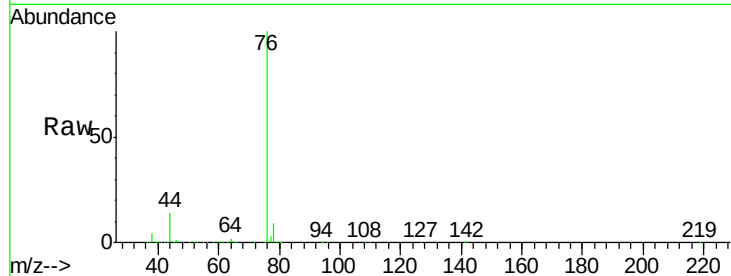
78 8.8 7.4 11.2

Manual Integrations

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#18

Methyl Acetate

Concen: 58.64 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001680.D

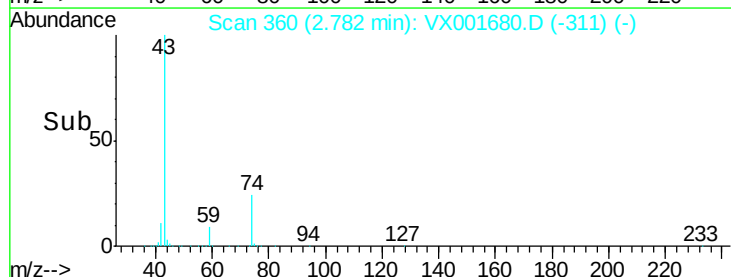
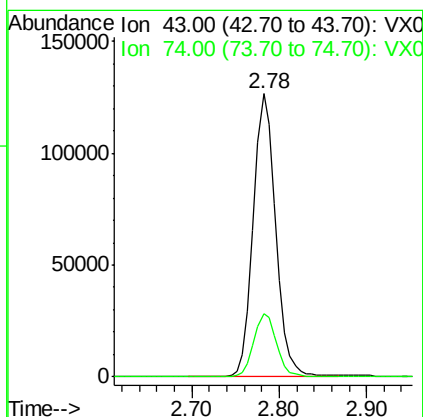
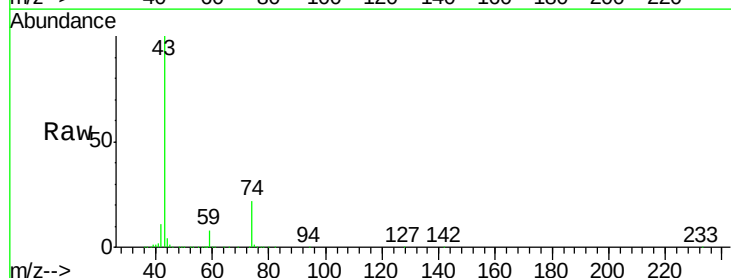
Acq: 12 May 2018 21:35

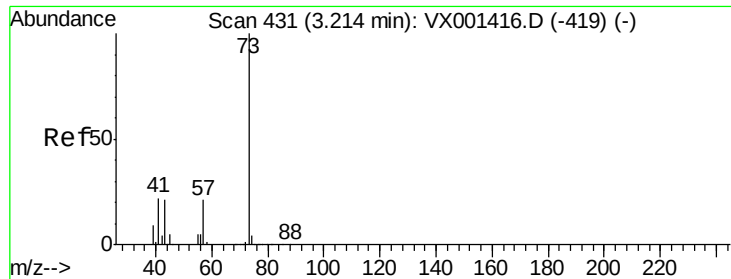
Tgt Ion: 43 Resp: 224829

Ion Ratio Lower Upper

43 100

74 22.3 18.6 27.8





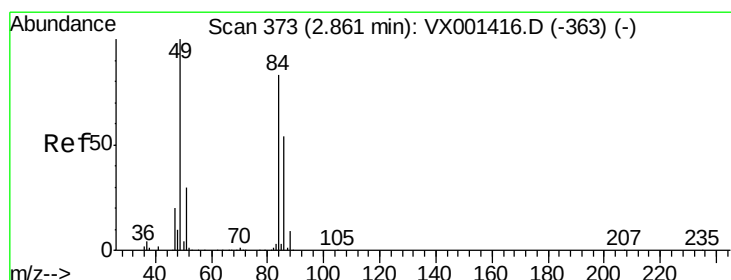
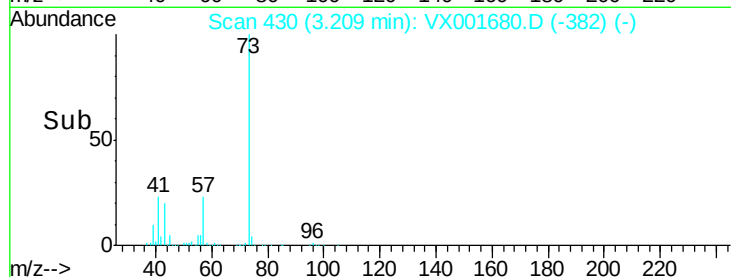
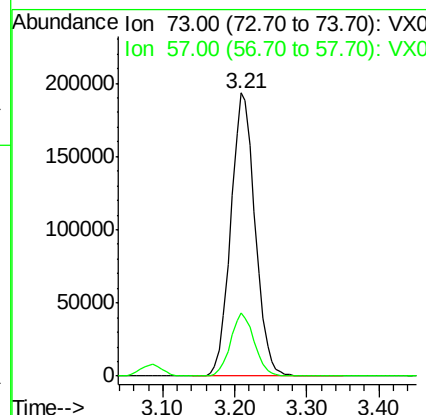
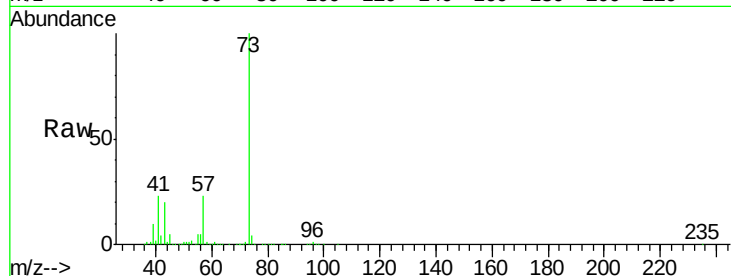
#19
Methyl tert-butyl Ether
Concen: 52.64 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.5	17.0	25.6

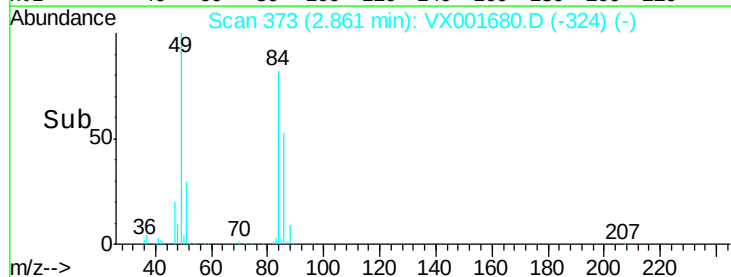
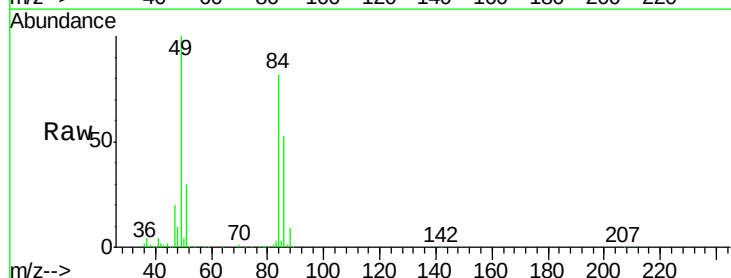
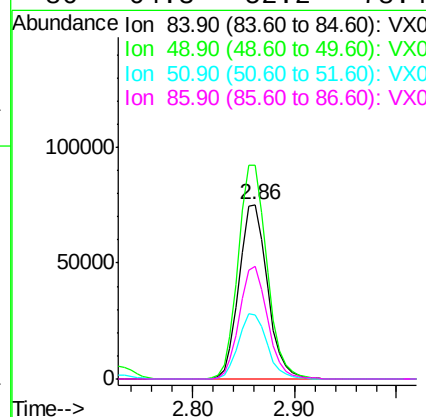
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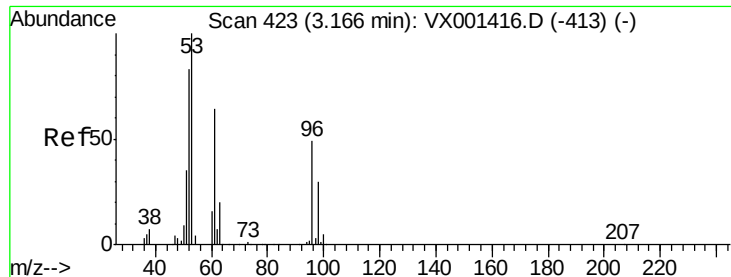
apatel
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#20
Methylene Chloride
Concen: 50.37 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.1	96.6	144.8
51	36.7	29.0	43.4
86	64.3	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 48.27 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Instrument :

MSVOA_X

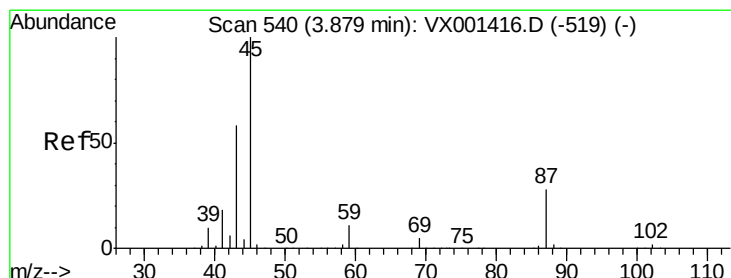
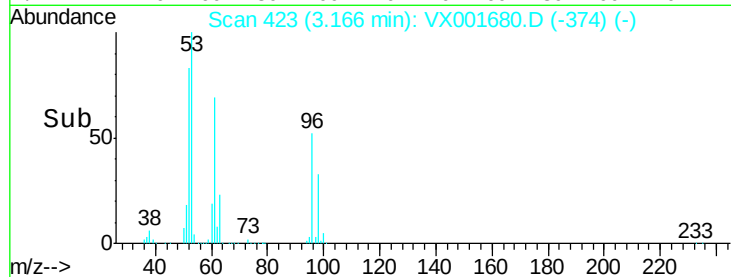
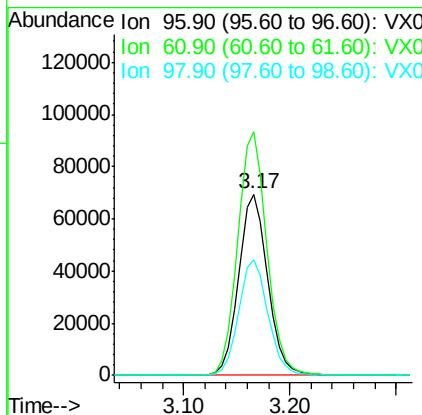
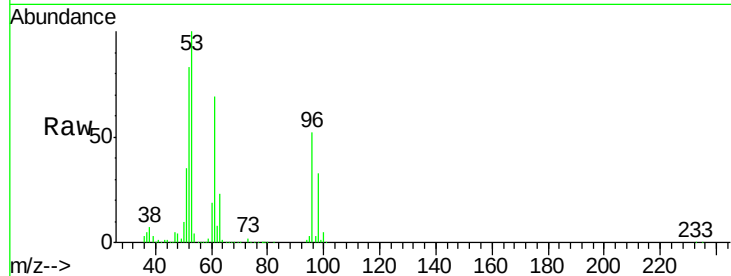
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	133270
Ion	Ratio	Lower	Upper
96	100		
61	134.1	105.0	157.4
98	63.6	49.9	74.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 54.36 ug/l

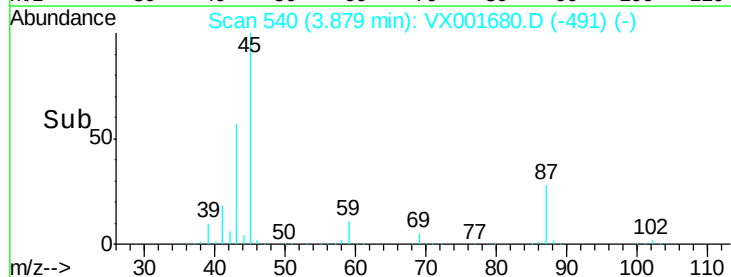
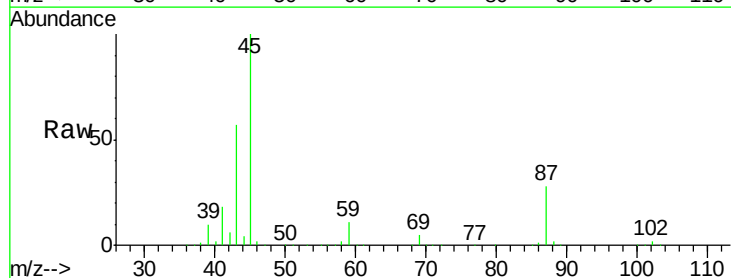
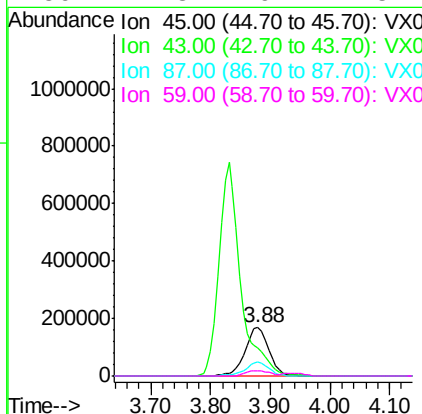
RT: 3.88 min Scan# 540

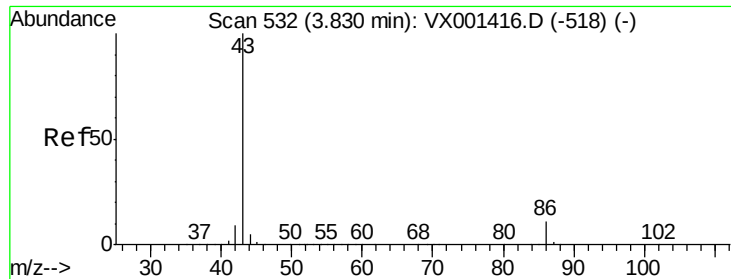
Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Tgt Ion:	45	Resp:	468547
Ion	Ratio	Lower	Upper
45	100		
43	57.1	46.5	69.7
87	28.1	22.6	34.0
59	11.3	9.1	13.7





#23

Vinyl Acetate

Concen: 262.72 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1887166

Ion Ratio Lower Upper

43 100

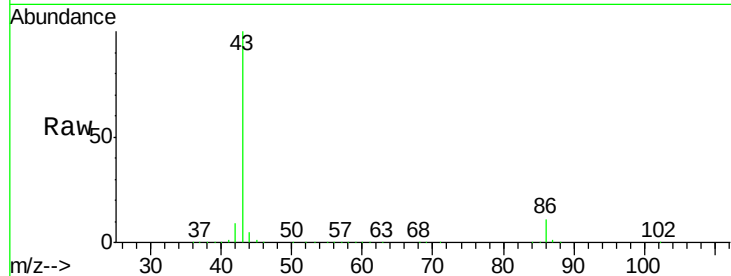
86 10.7 8.6 13.0

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

800000

600000

400000

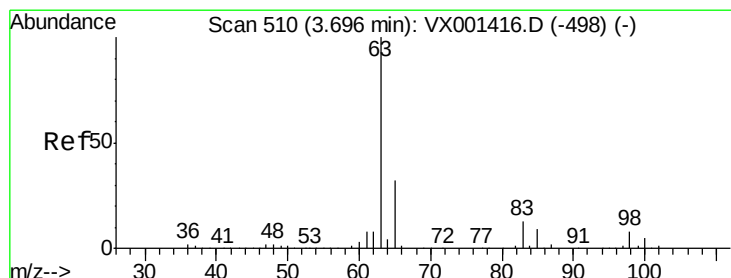
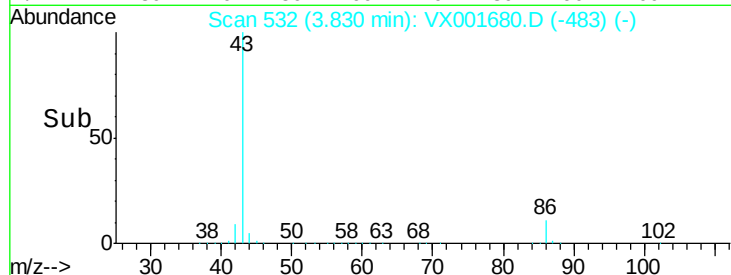
200000

0

3.80

4.00

Time-->



#24

1,1-Dichloroethane

Concen: 52.00 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

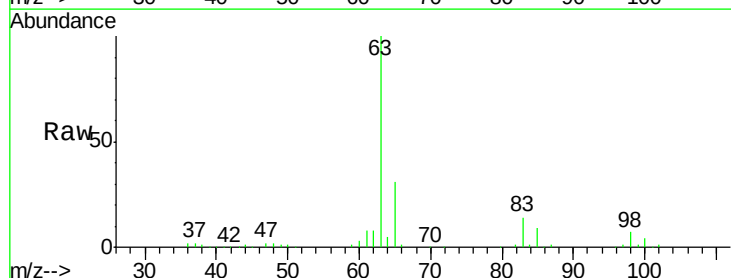
Tgt Ion: 63 Resp: 250369

Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.4

100 4.3 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

100000

50000

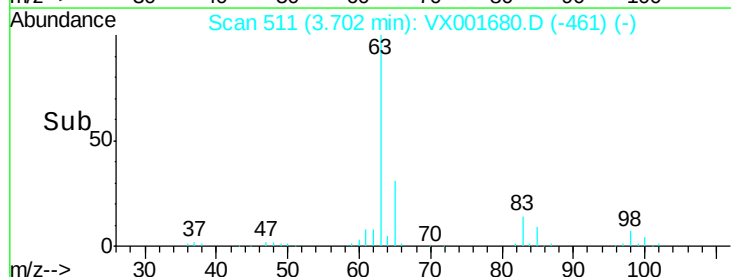
0

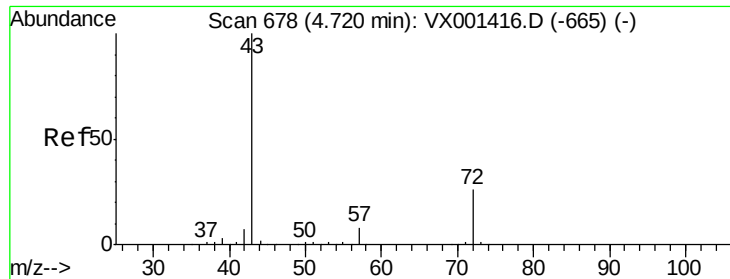
3.60

3.70

3.80

Time-->





#25

2-Butanone

Concen: 257.47 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 543121

Ion Ratio Lower Upper

43 100

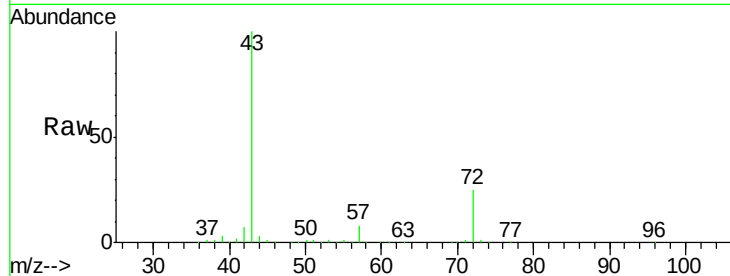
72 25.3 20.7 31.1

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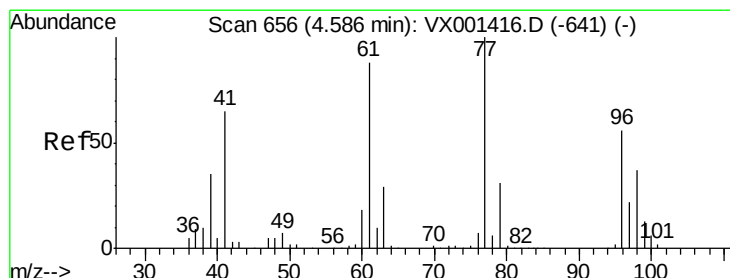
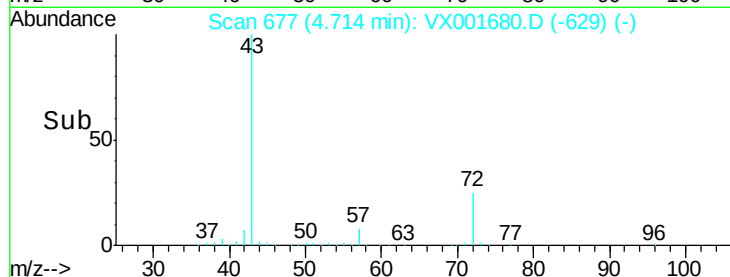
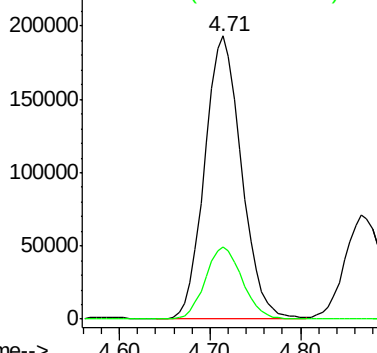
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 48.44 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX001680.D

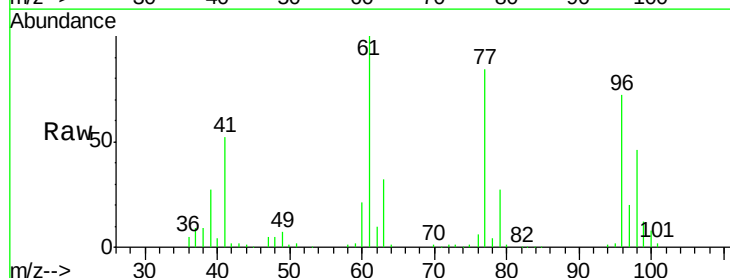
Acq: 12 May 2018 21:35

Tgt Ion: 77 Resp: 180099

Ion Ratio Lower Upper

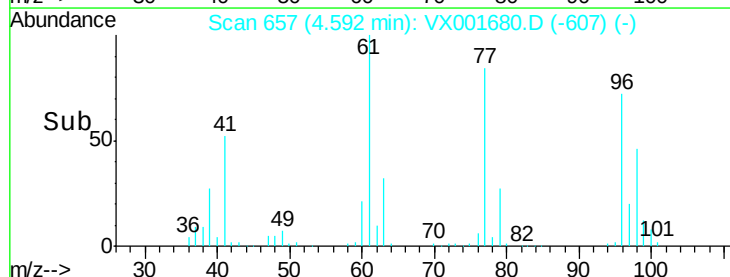
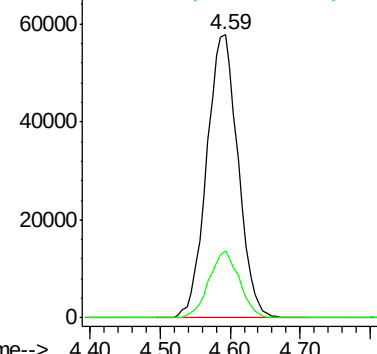
77 100

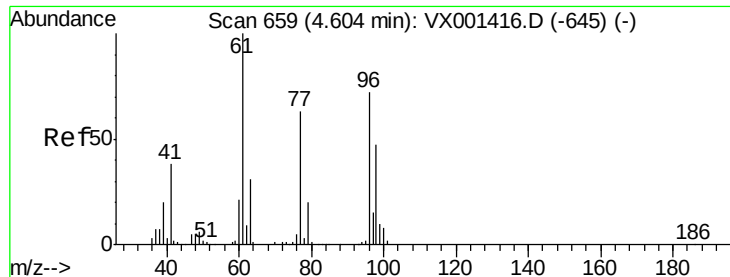
97 23.1 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

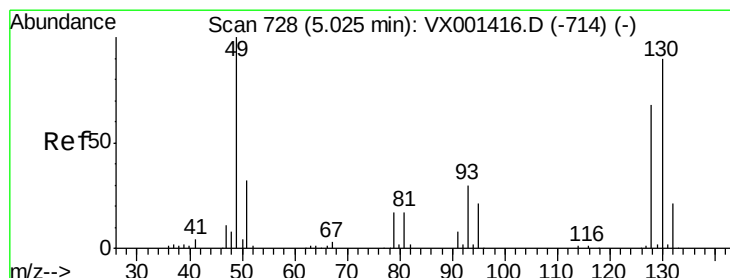
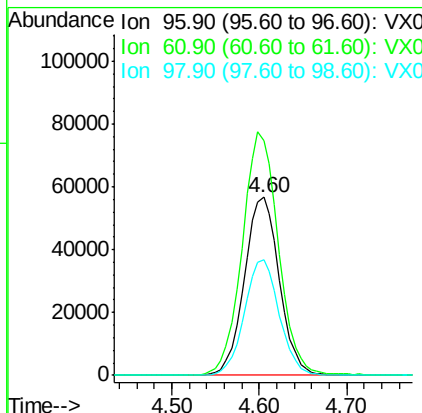
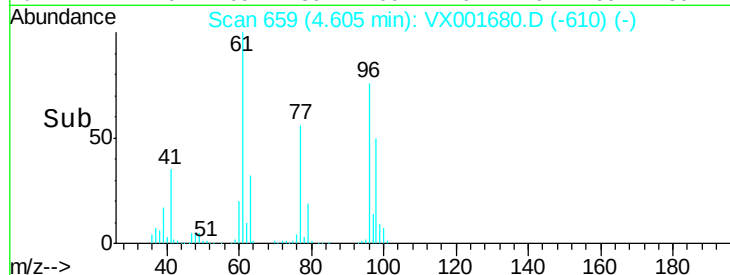
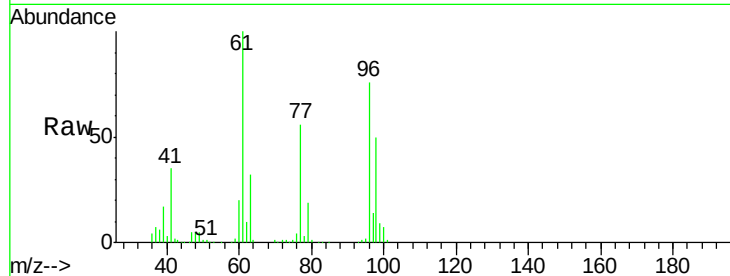
cis-1,2-Dichloroethene
Concen: 53.46 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	157207		
61	141.4	0.0	301.6	
98	64.7	0.0	131.6	

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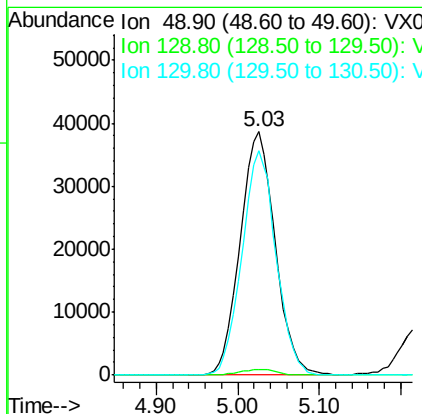
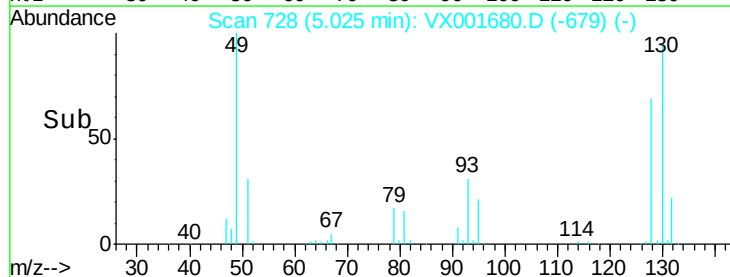
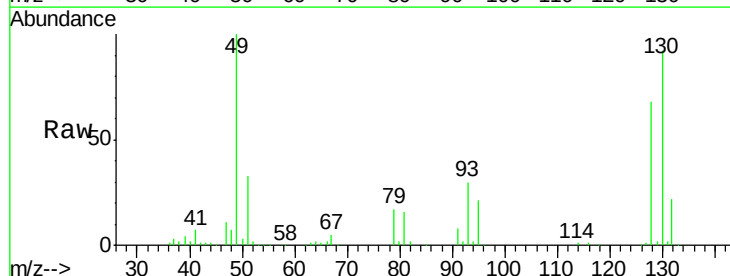
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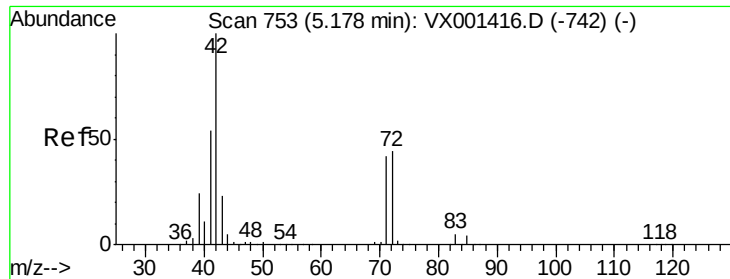


#28

Bromochloromethane
Concen: 55.26 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	115363		
129	2.4	0.0	4.8	
130	89.9	71.9	107.9	





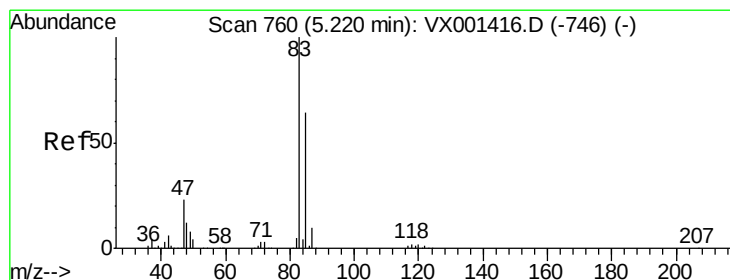
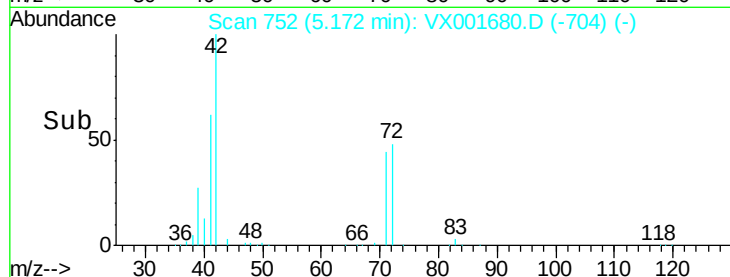
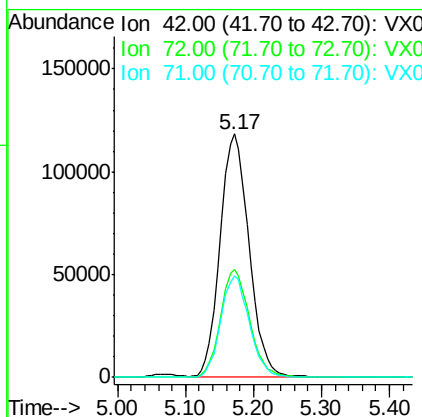
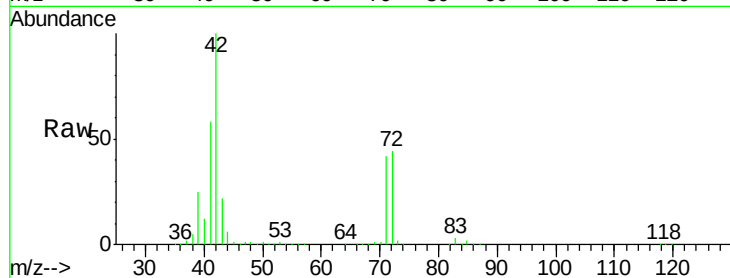
#29
Tetrahydrofuran
Concen: 258.27 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.8	35.4	53.2
71	41.3	33.0	49.4

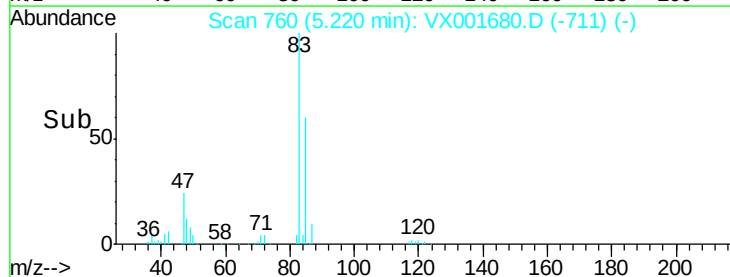
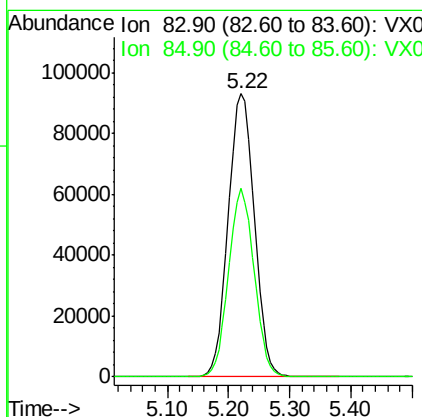
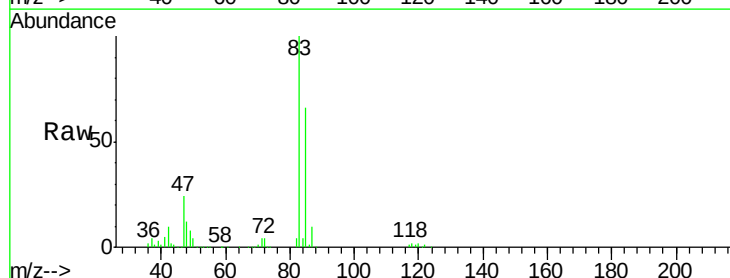
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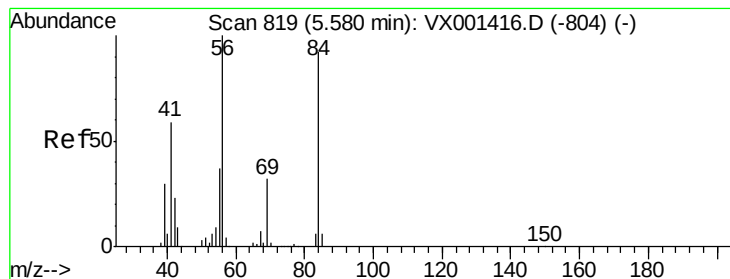
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#30
Chloroform
Concen: 55.39 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.5	51.0	76.4





#31

Cyclohexane

Concen: 51.15 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Instrument :

MSVOA_X

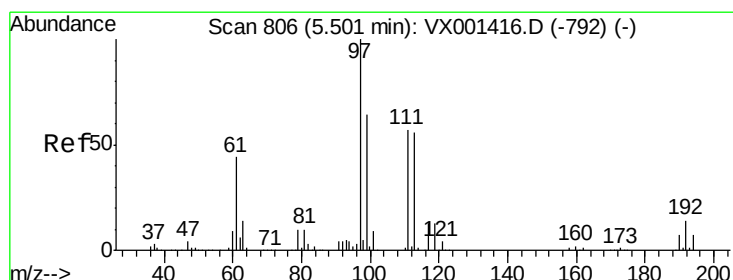
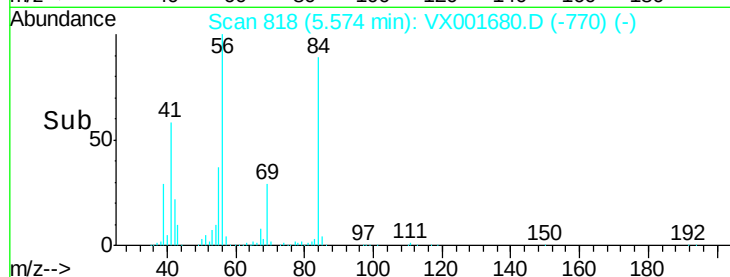
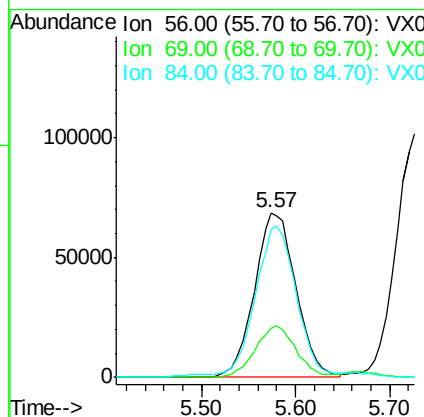
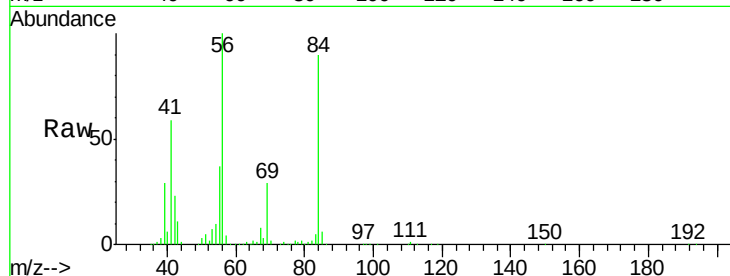
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	211503
Ion Ratio	Lower	Upper	
56	100		
69	29.5	25.4	38.0
84	88.0	73.8	110.8

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 55.54 ug/l

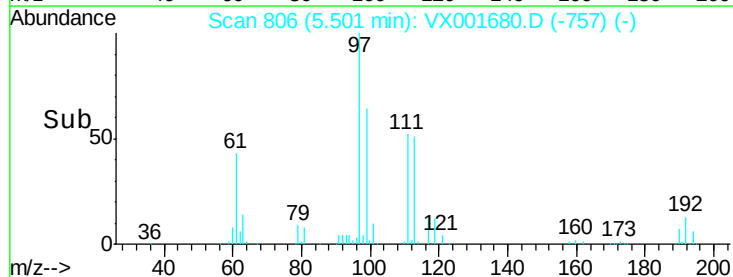
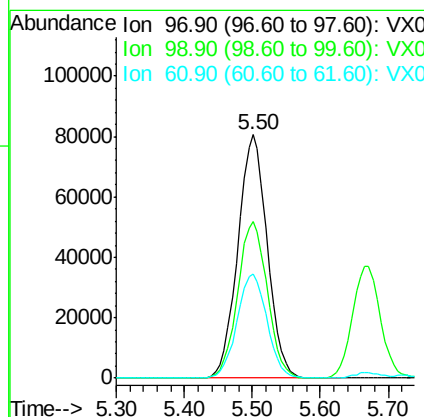
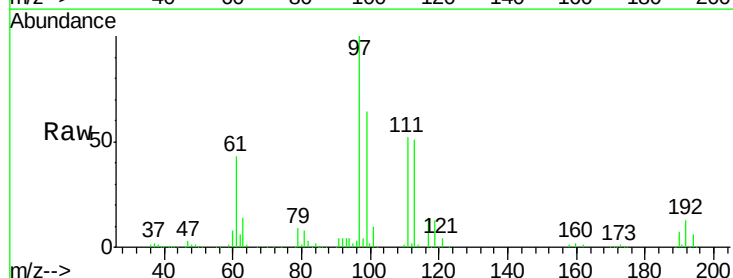
RT: 5.50 min Scan# 806

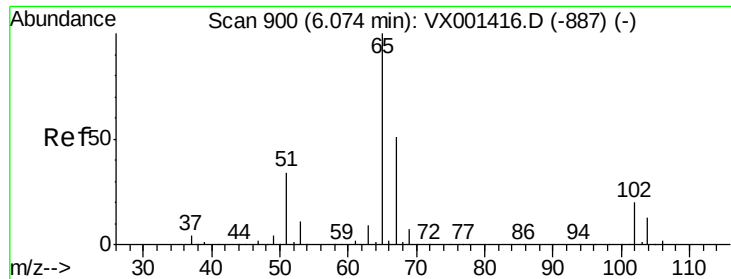
Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Tgt Ion:	97	Resp:	240763
Ion Ratio	Lower	Upper	
97	100		
99	64.9	51.3	76.9
61	43.9	34.8	52.2





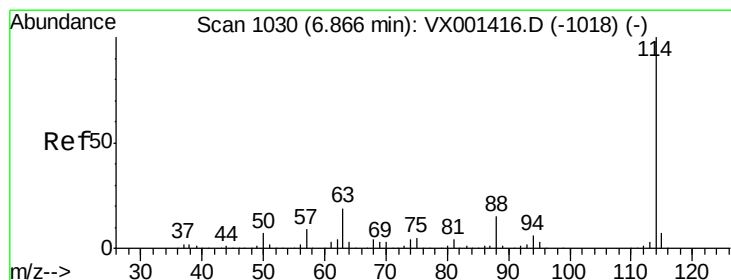
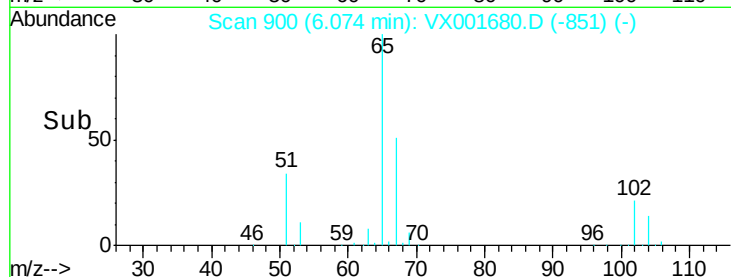
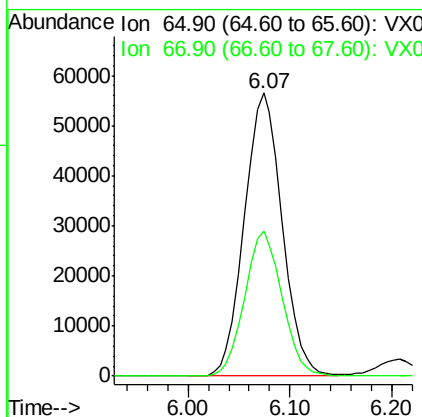
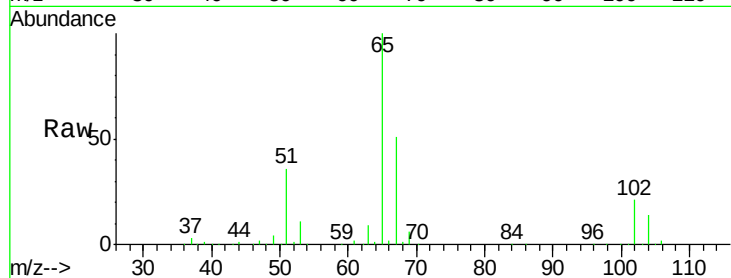
#33
 1,2-Dichloroethane-d4
 Concen: 45.28 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001680.D
 Acq: 12 May 2018 21:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	145532		
67	50.9	0.0	101.8	

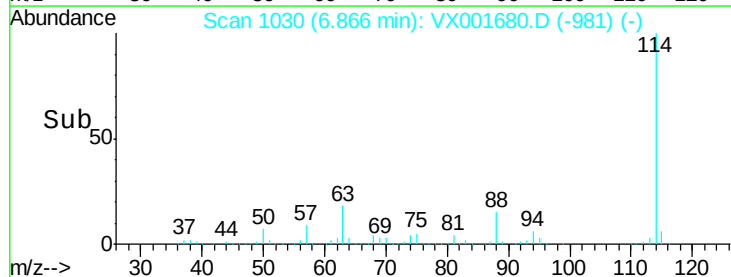
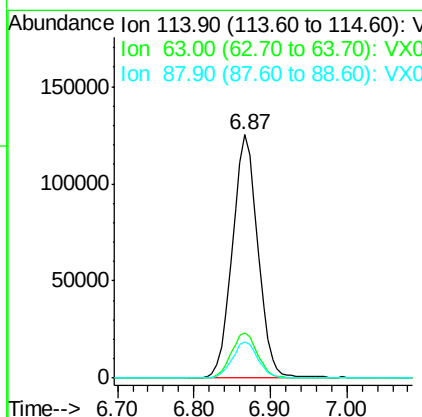
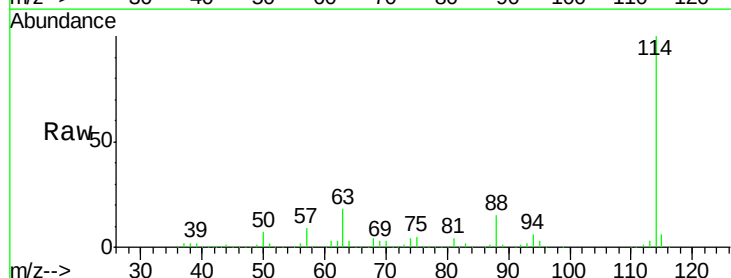
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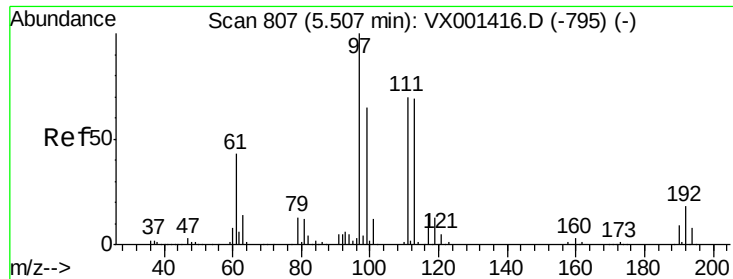
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001680.D
 Acq: 12 May 2018 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	289461		
63	18.4	0.0	38.6	
88	15.0	0.0	30.8	





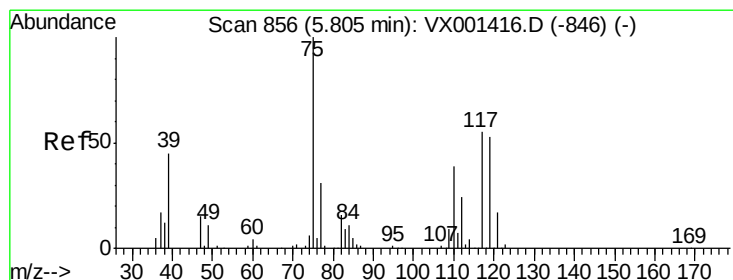
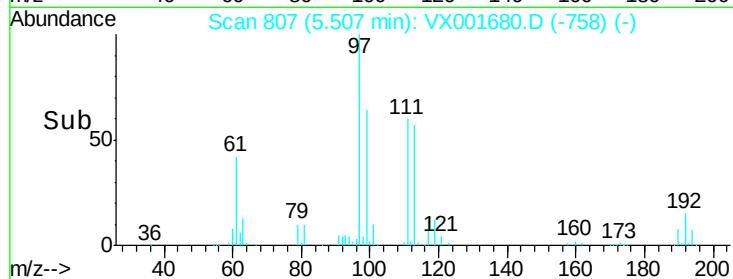
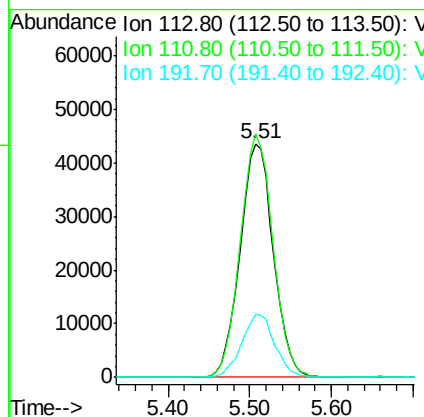
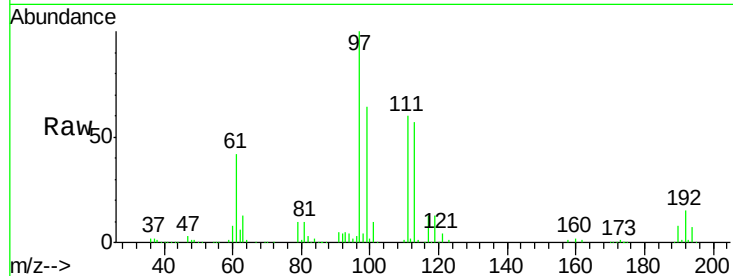
#35
 Dibromofluoromethane
 Concen: 47.83 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX001680.D
 Acq: 12 May 2018 21:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	123153		
111	102.8	82.2	123.2	
192	26.9	21.4	32.0	

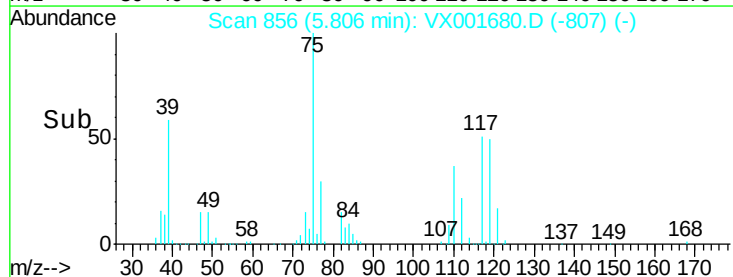
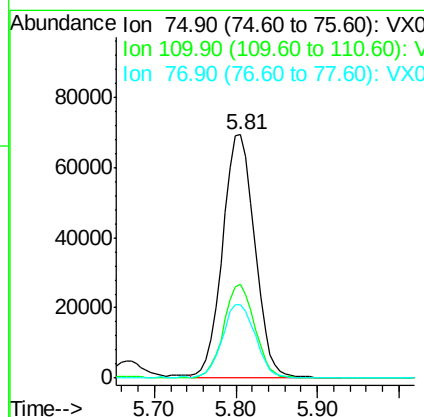
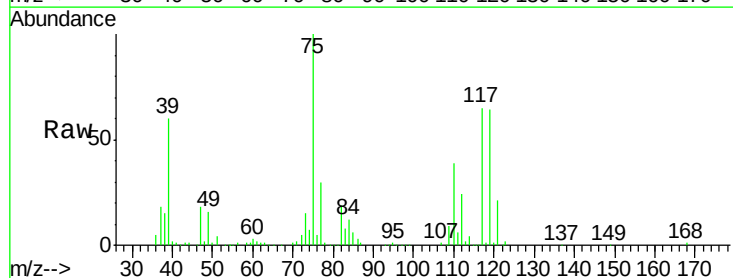
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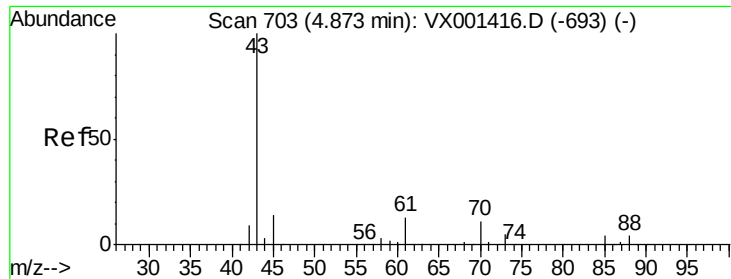
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#36
 1,1-Dichloropropene
 Concen: 51.29 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX001680.D
 Acq: 12 May 2018 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	188840		
110	37.4	18.9	56.7	
77	31.2	24.9	37.3	





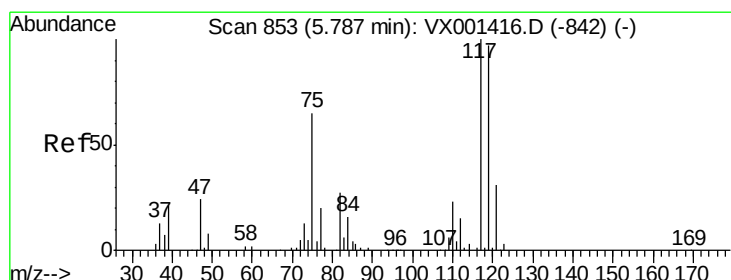
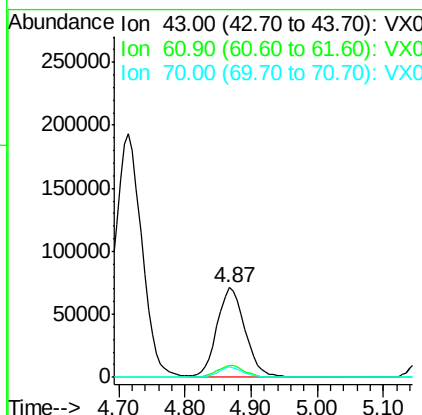
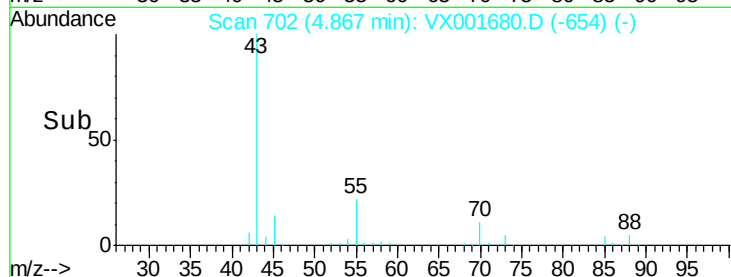
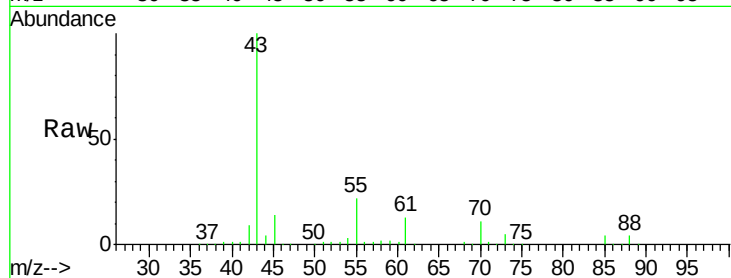
#37
Ethyl Acetate
Concen: 51.74 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	208819
Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.7	16.1
70	10.5	8.4	12.6

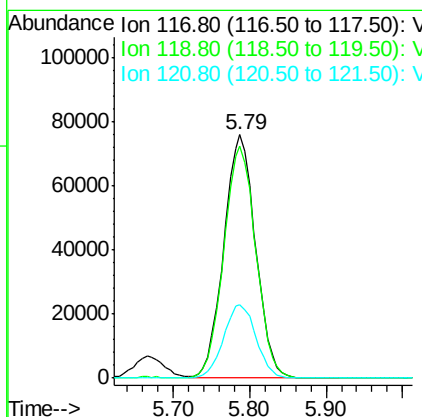
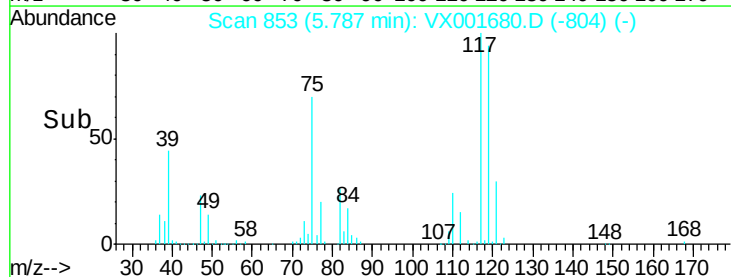
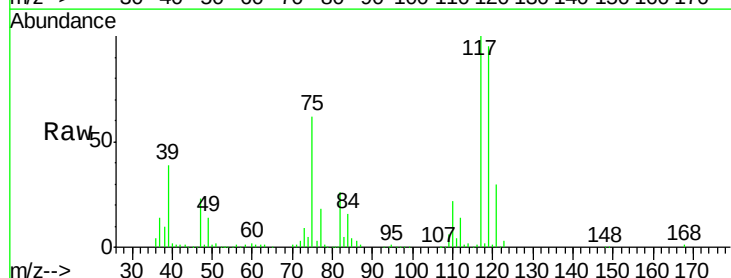
Manual Integrations
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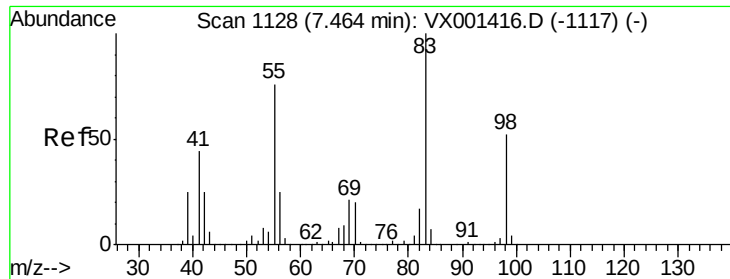
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#38
Carbon Tetrachloride
Concen: 55.31 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

Tgt Ion	117	Resp	217183
Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.0	115.6
121	30.3	25.1	37.7





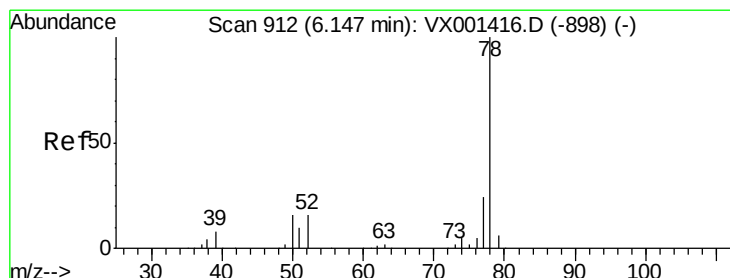
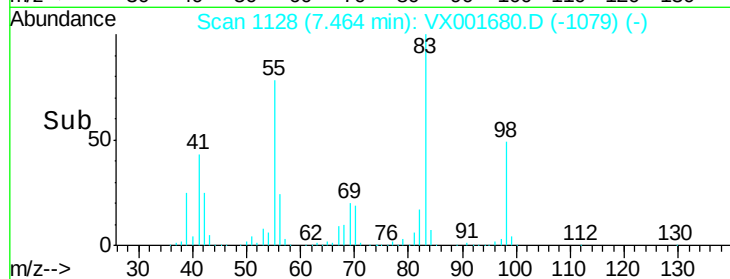
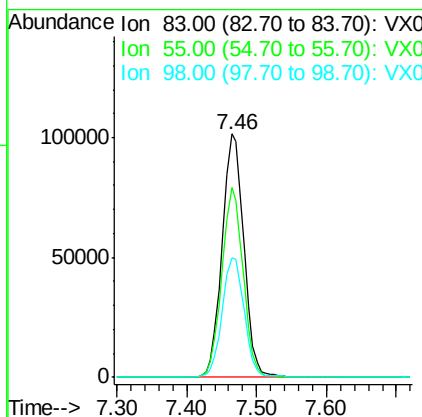
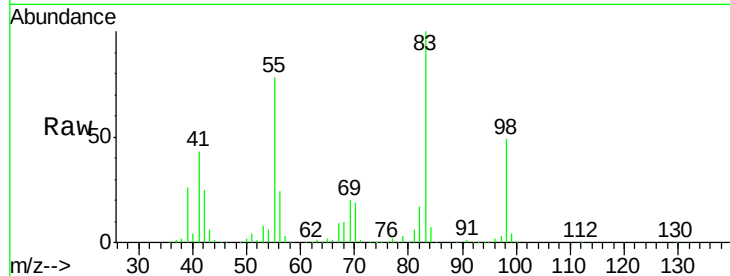
#39
Methylvlcyclohexane
Concen: 50.46 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	219648		
55	77.8	60.9	91.3	
98	49.2	41.9	62.9	

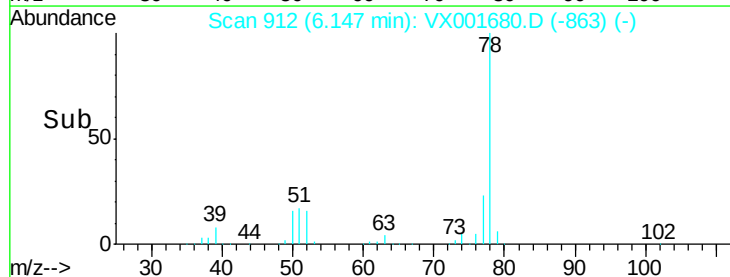
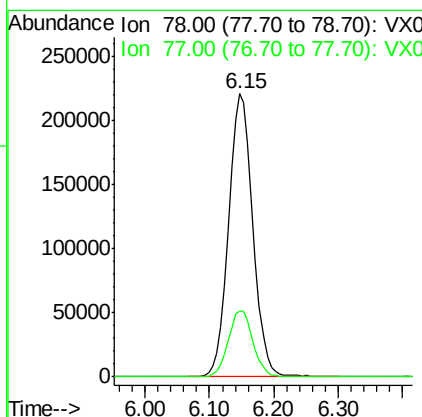
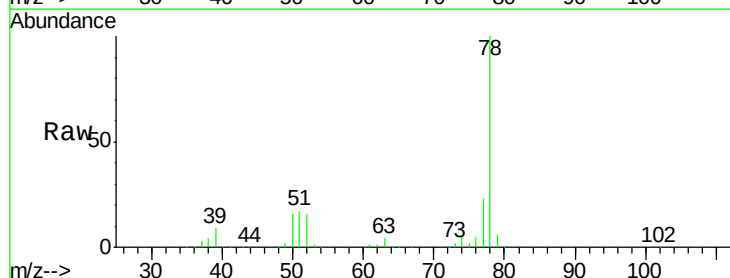
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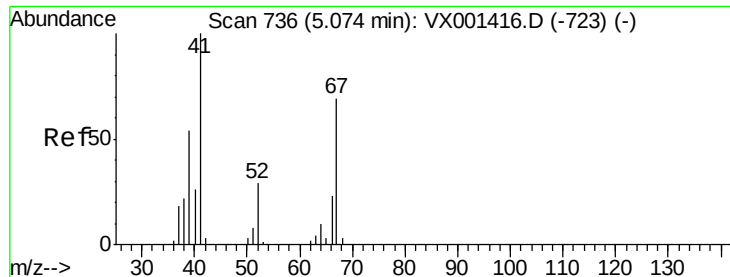
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#40
Benzene
Concen: 54.17 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	582606		
77	23.4	19.4	29.2	





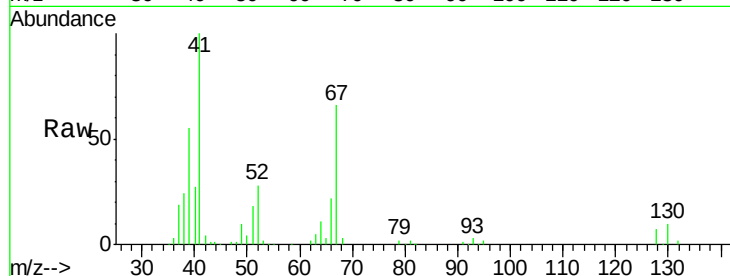
#41
Methacrylonitrile
Concen: 52.18 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

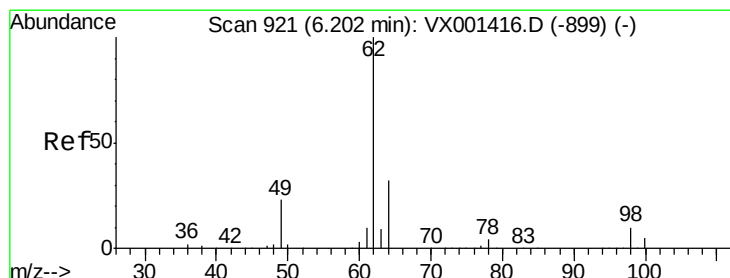
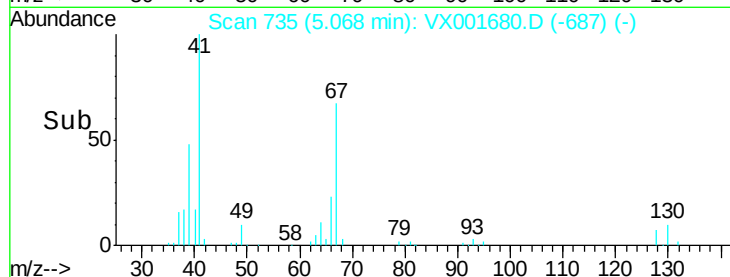
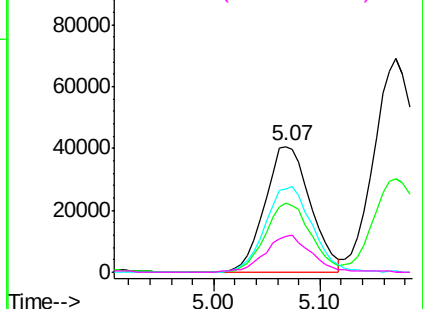
Tot Ion	Ratio	Lower	Upper
41	100		
39	54.6	45.0	67.6
67	70.2	55.0	82.6
52	30.0	23.4	35.0

Manual Integrations
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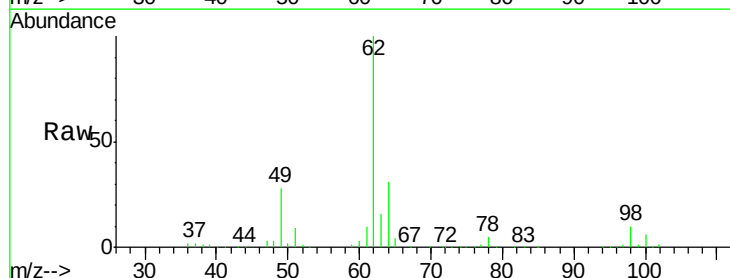


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

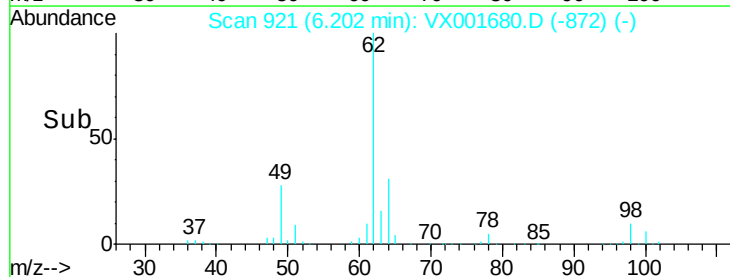
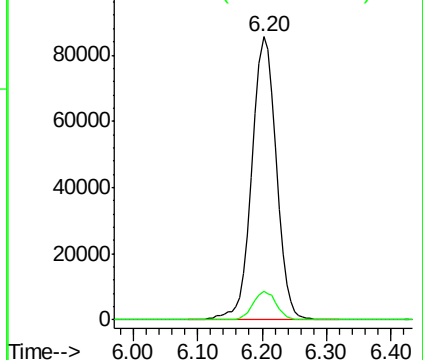


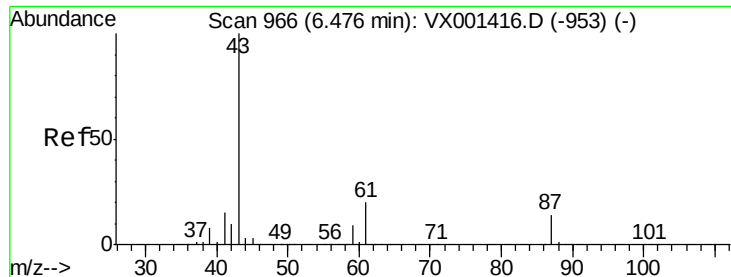
#42
1,2-Dichloroethane
Concen: 53.81 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 53.12 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Instrument :

MSVOA_X

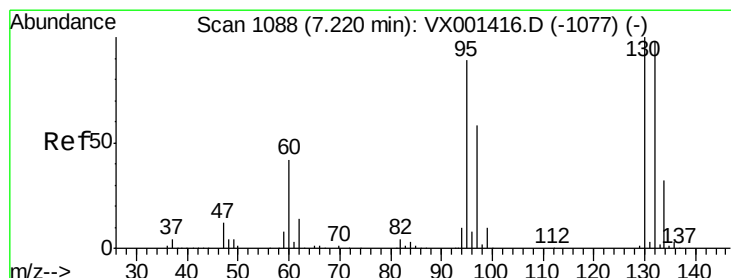
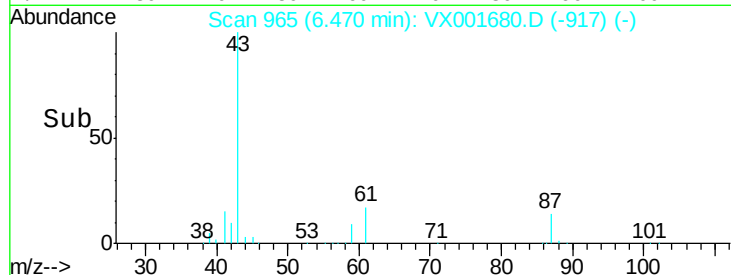
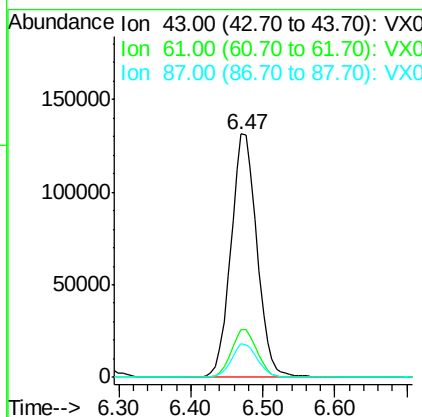
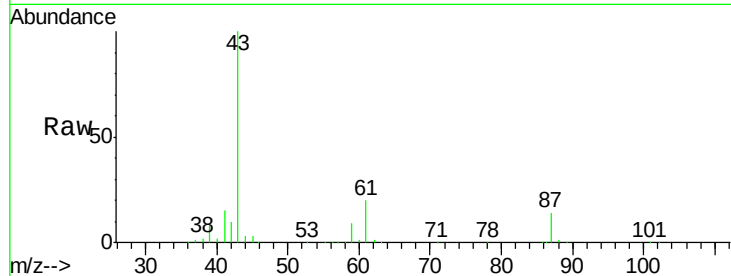
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	329116
Ion	Ratio	Lower	Upper
43	100		
61	19.8	15.4	23.0
87	13.8	10.8	16.2

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#44

Trichloroethene

Concen: 53.57 ug/l

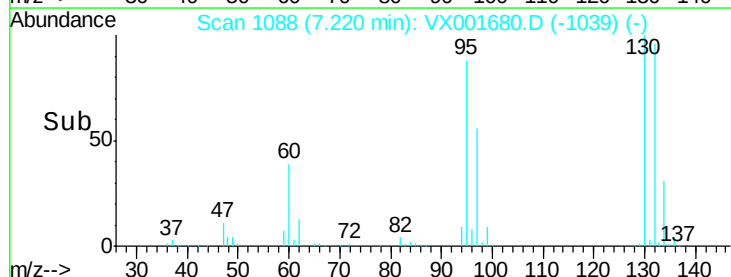
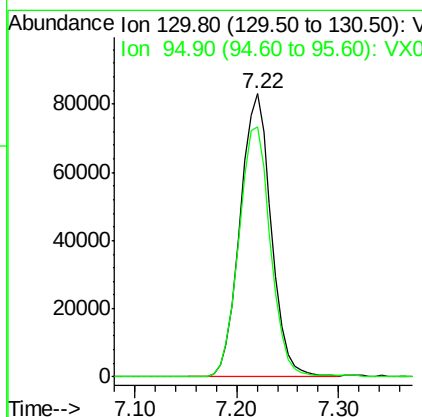
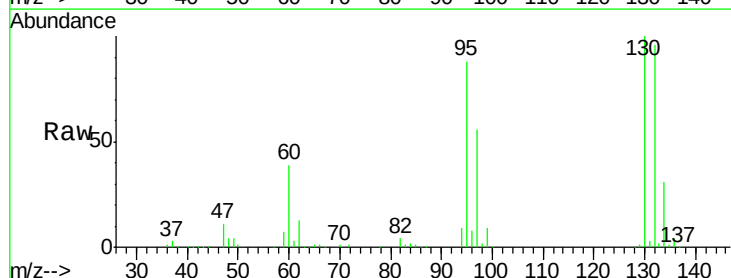
RT: 7.22 min Scan# 1088

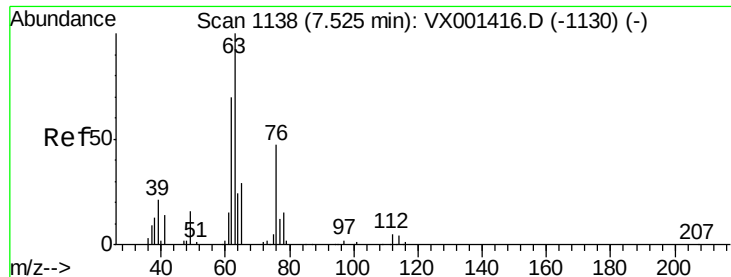
Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Tgt Ion:	130	Resp:	176096
Ion	Ratio	Lower	Upper
130	100		
95	88.3	0.0	178.4





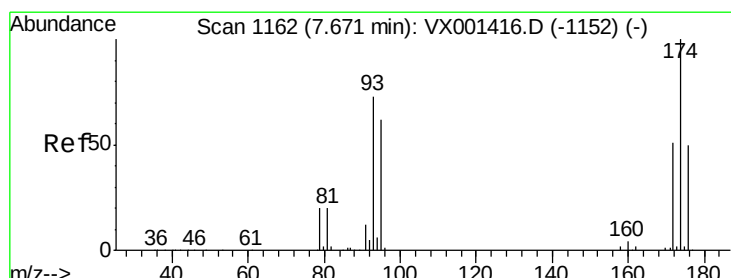
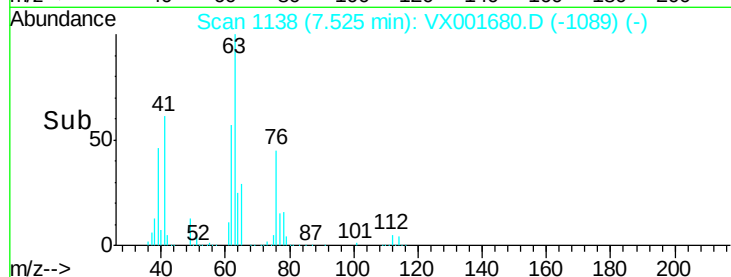
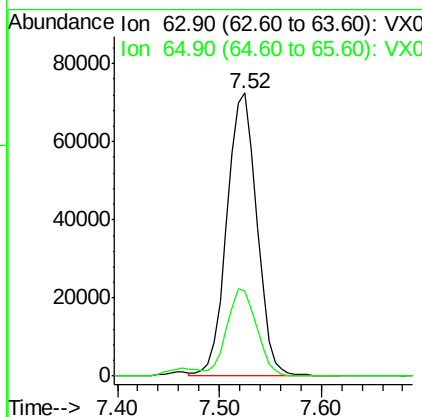
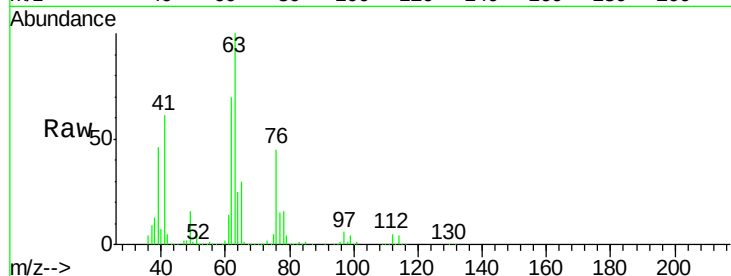
#45
 1,2-Dichloropropane
 Concen: 54.68 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001680.D
 Acq: 12 May 2018 21:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
63	100	146615		
65	30.1		24.5	36.7

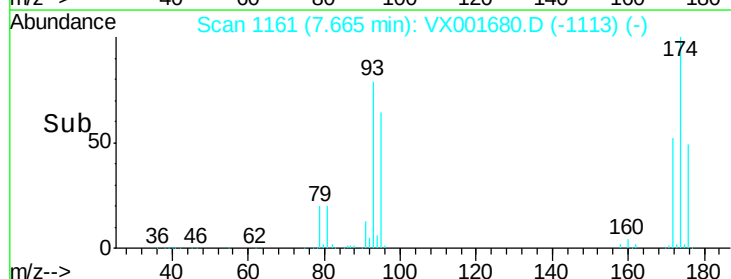
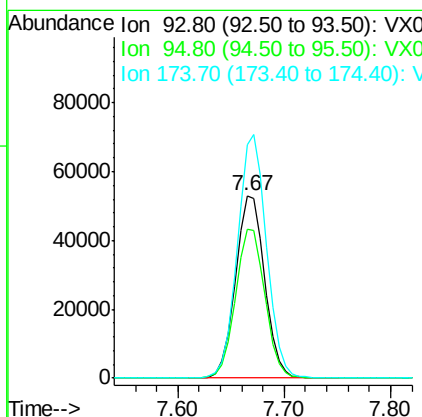
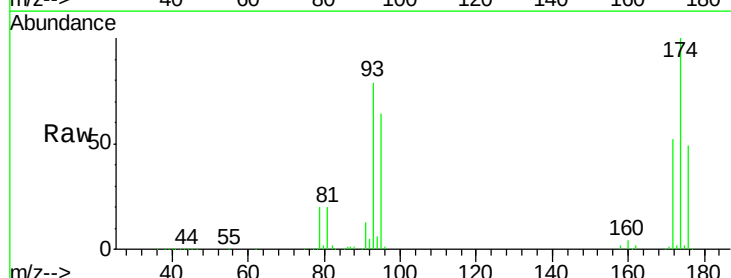
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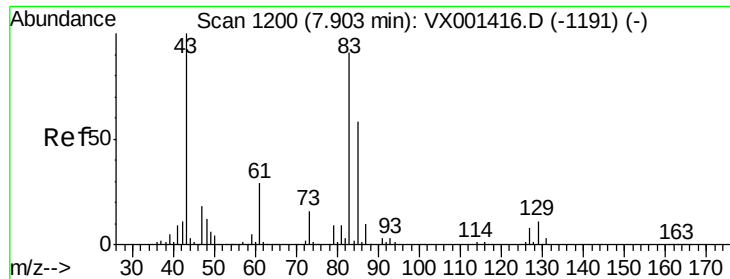
apatel
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#46
 Dibromomethane
 Concen: 53.94 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: VX001680.D
 Acq: 12 May 2018 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	102384		
95	82.5		67.0	100.4
174	132.6		104.5	156.7





#47

Bromodichloromethane

Concen: 57.70 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Instrument :

MSVOA_X

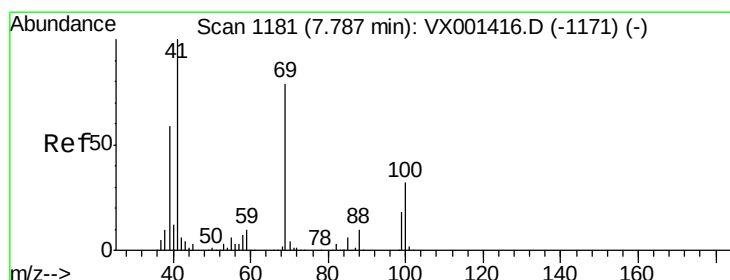
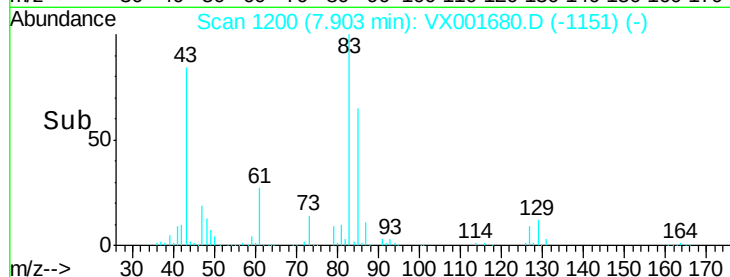
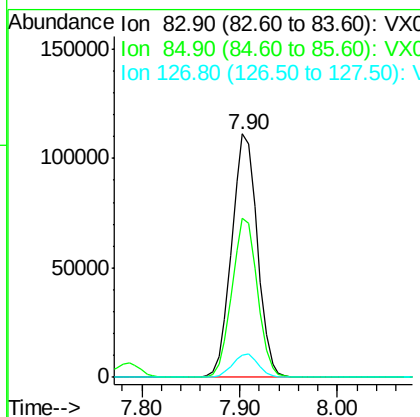
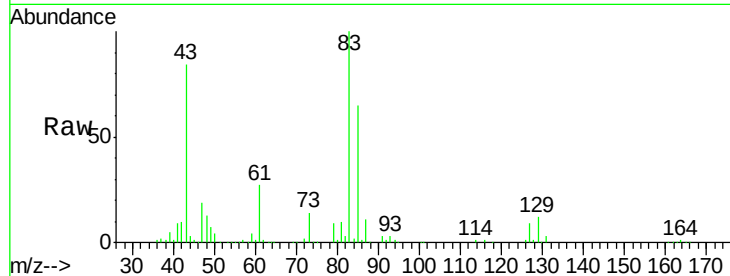
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	202673
Ion Ratio	Lower	Upper	
83	100		
85	65.2	51.0	76.6
127	9.3	7.4	11.2

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#48

Methyl methacrylate

Concen: 53.07 ug/l

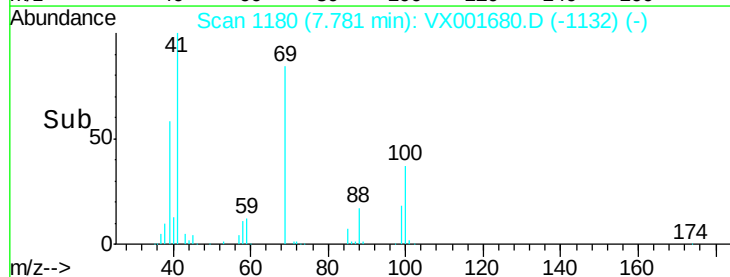
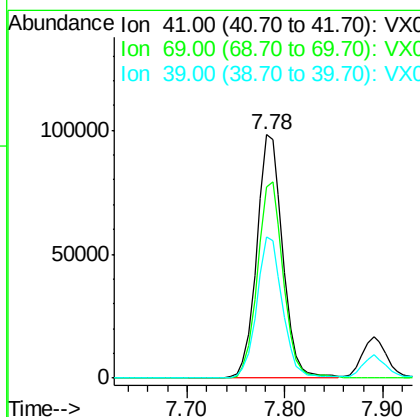
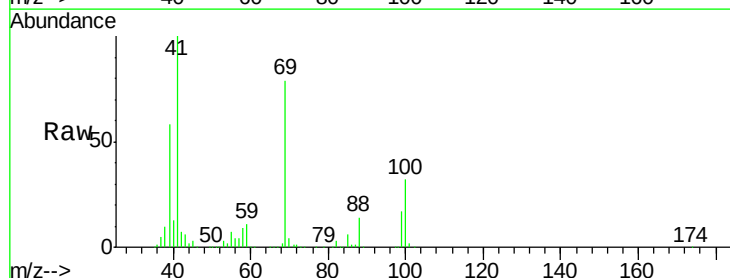
RT: 7.78 min Scan# 1180

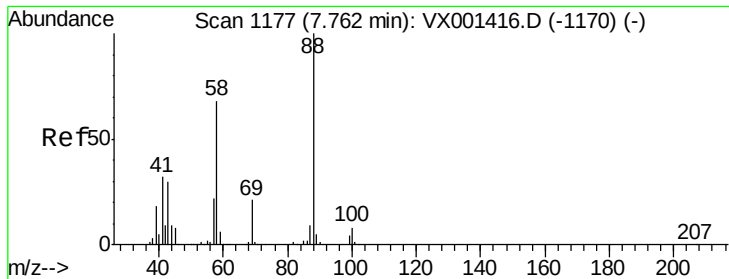
Delta R.T. -0.01 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Tgt Ion:	41	Resp:	179042
Ion Ratio	Lower	Upper	
41	100		
69	81.3	63.4	95.2
39	57.4	47.0	70.4





#49

1,4-Dioxane

Concen: 1047.01 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Instrument :

MSVOA_X

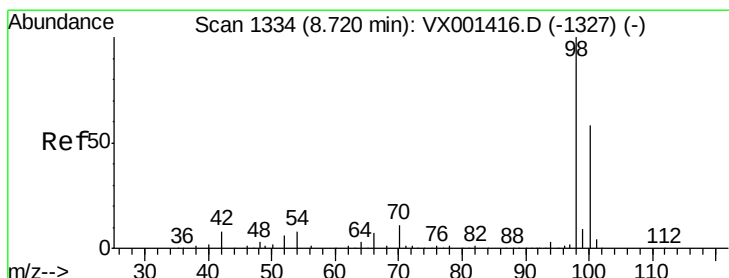
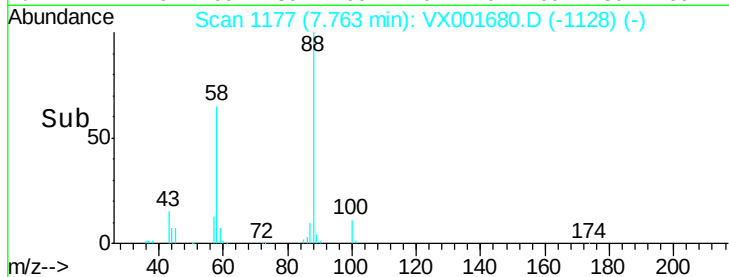
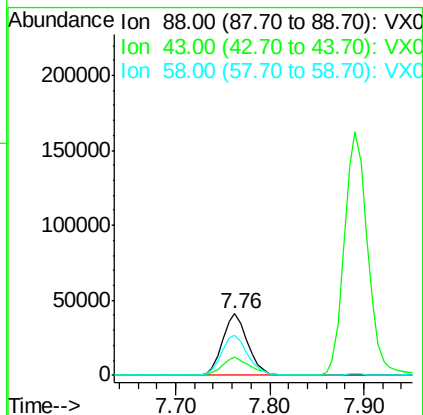
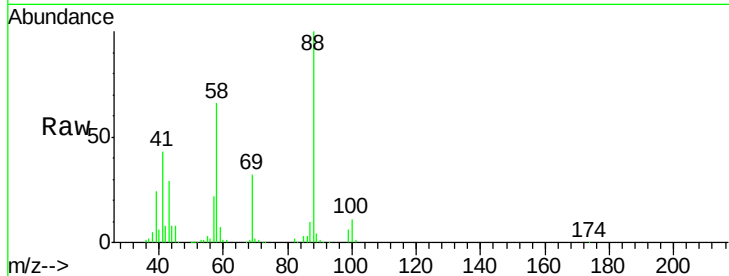
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	76318
Ion	Ratio	Lower	Upper
88	100		
43	33.6	26.4	39.6
58	69.0	54.1	81.1

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#50

Toluene-d8

Concen: 46.09 ug/l

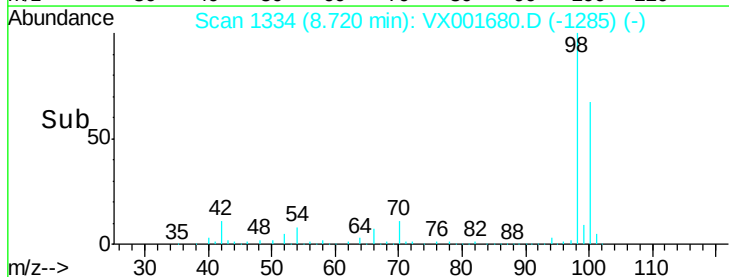
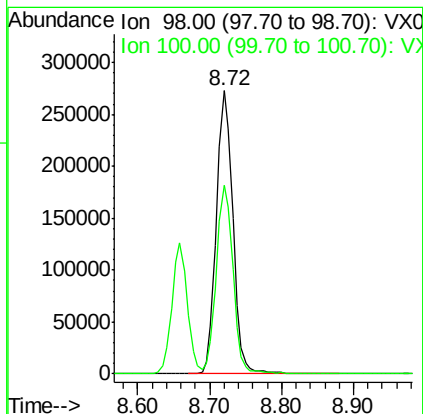
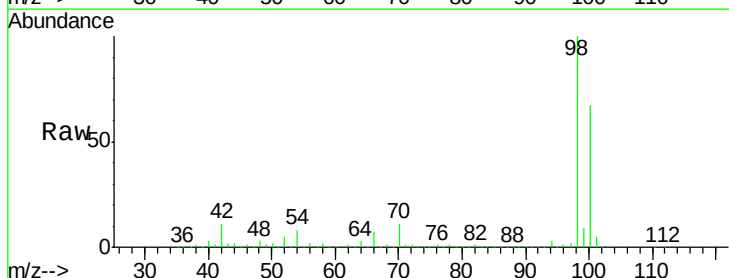
RT: 8.72 min Scan# 1334

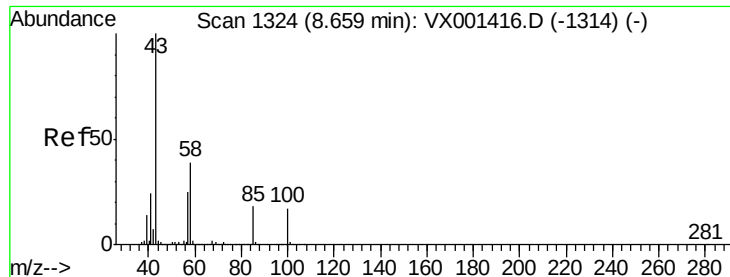
Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Tgt Ion:	98	Resp:	433177
Ion	Ratio	Lower	Upper
98	100		
100	67.7	54.0	81.0





#51

4-Methyl-2-Pentanone

Concen: 273.78 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1127268

Ion Ratio Lower Upper

43 100

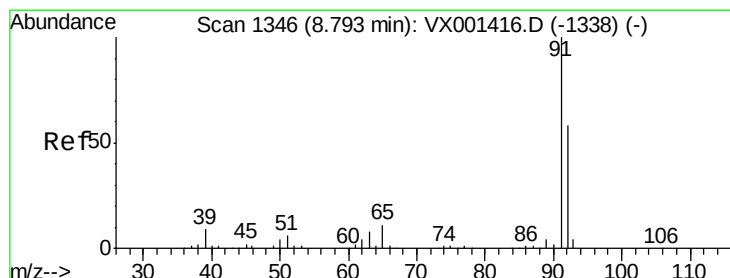
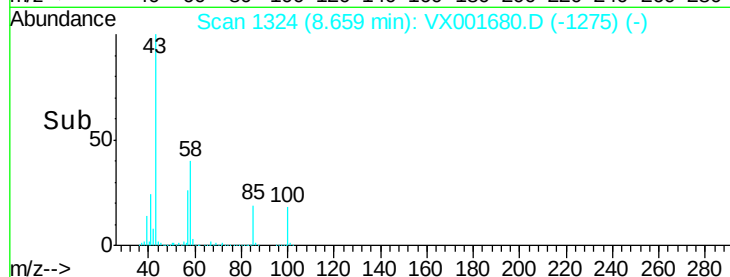
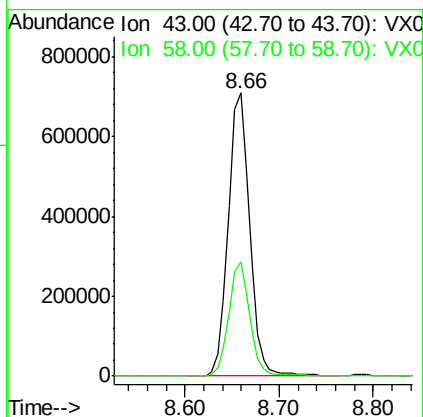
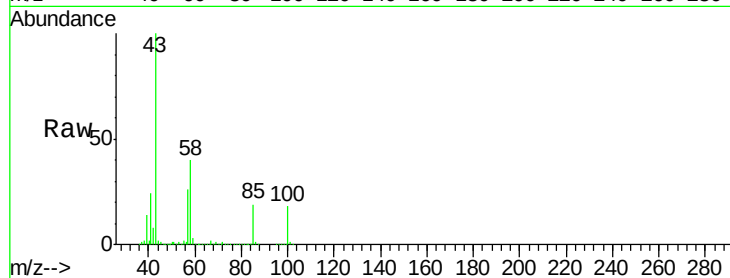
58 39.7 30.8 46.2

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#52

Toluene

Concen: 54.88 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX001680.D

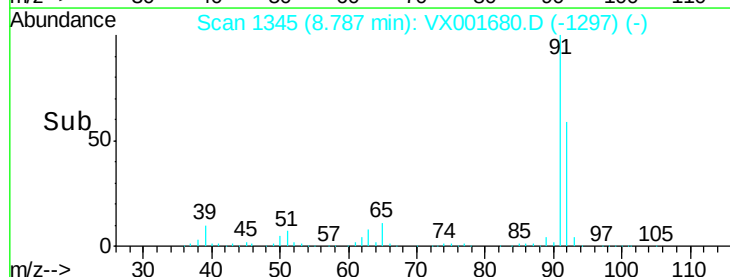
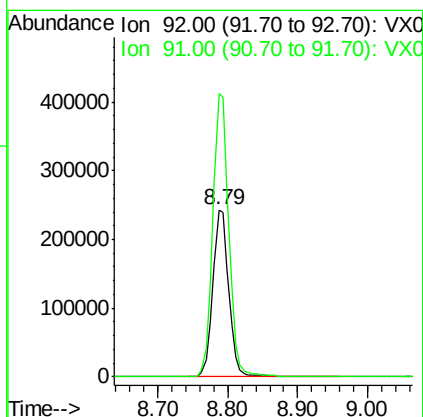
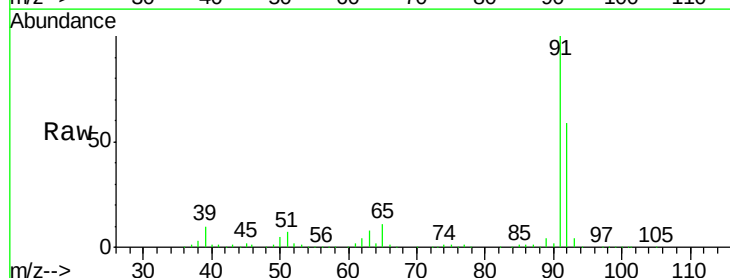
Acq: 12 May 2018 21:35

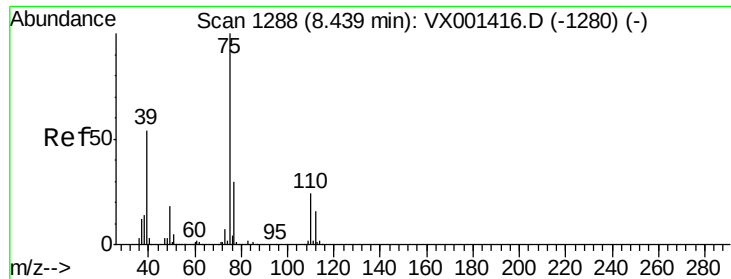
Tgt Ion: 92 Resp: 385952

Ion Ratio Lower Upper

92 100

91 170.1 135.2 202.8





#53

t-1,3-Dichloropropene

Concen: 56.95 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 226098

Ion Ratio Lower Upper

75 100

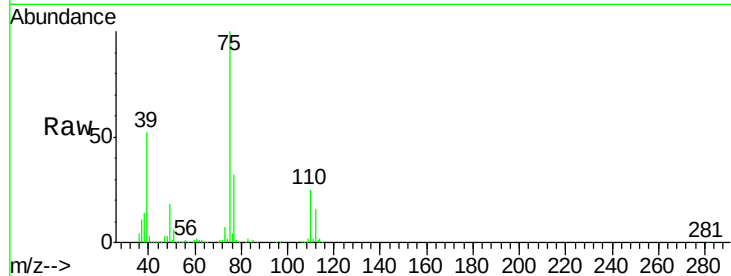
77 31.5 24.2 36.4

Manual Integrations

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

150000

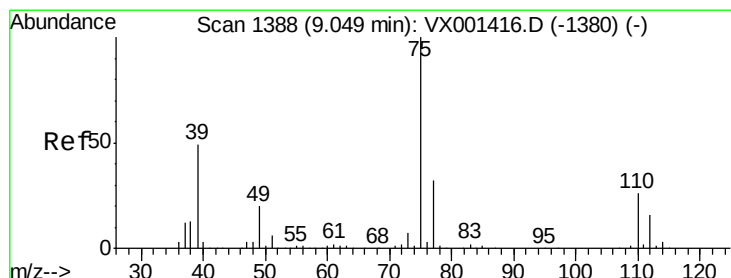
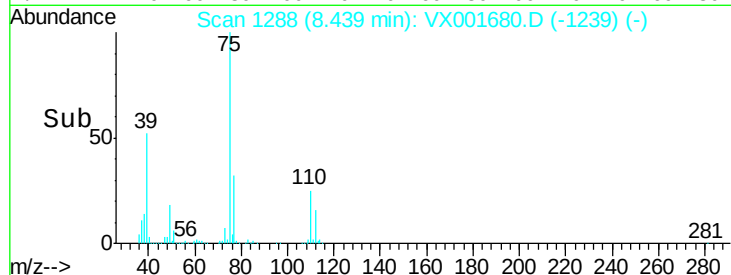
100000

50000

0

8.40 8.50

Time-->



#54

cis-1,3-Dichloropropene

Concen: 50.21 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

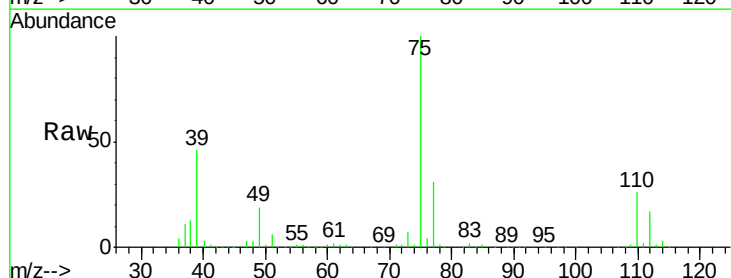
Tgt Ion: 75 Resp: 206134

Ion Ratio Lower Upper

75 100

77 30.8 25.5 38.3

39 46.3 38.9 58.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

200000

150000

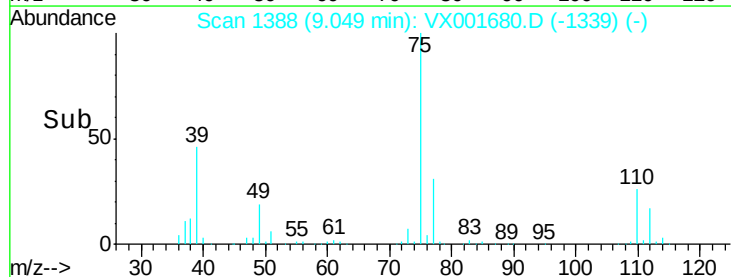
100000

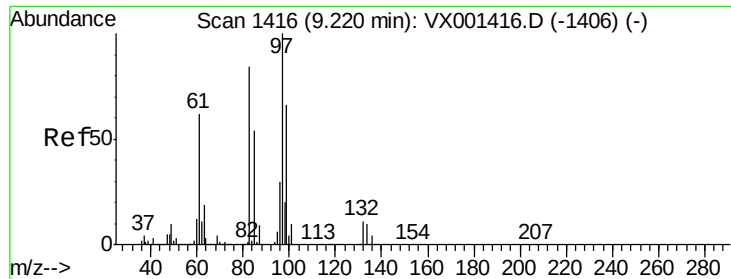
50000

0

8.95 9.00 9.05 9.10 9.15

Time-->





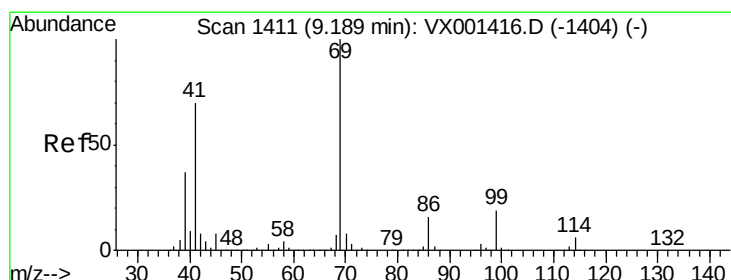
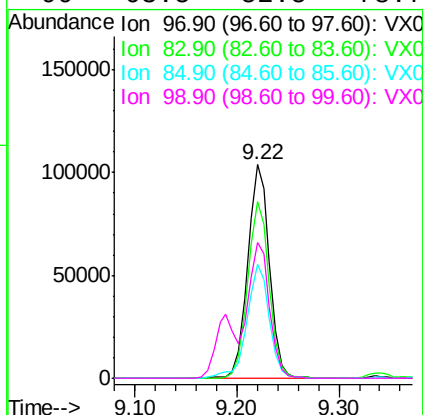
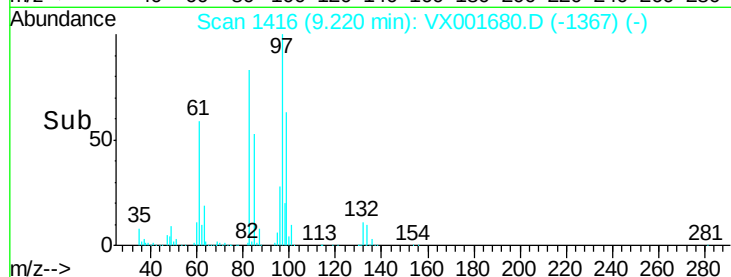
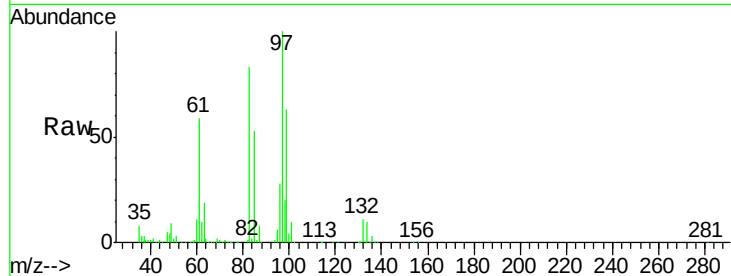
#55
 1,1,2-Trichloroethane
 Concen: 54.35 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001680.D
 Acq: 12 May 2018 21:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		153981		
83	82.7	67.4	101.0		
85	53.1	43.3	64.9		
99	63.5	52.5	78.7		

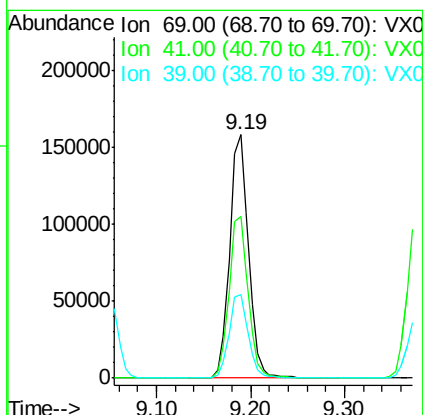
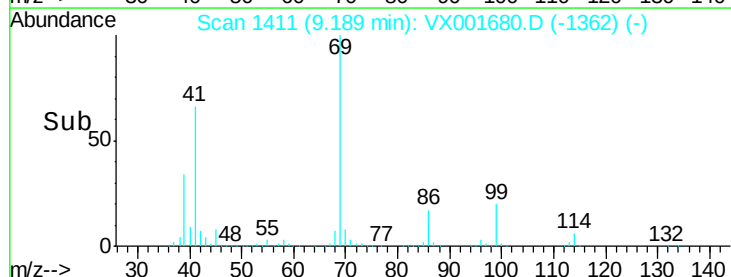
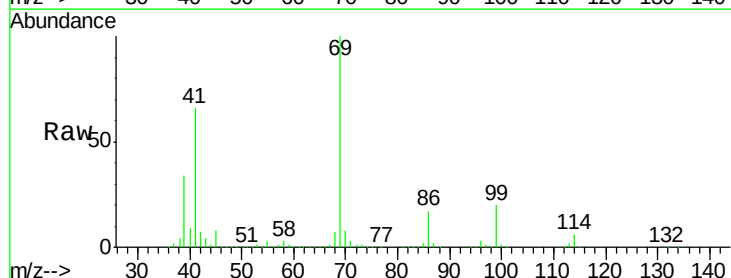
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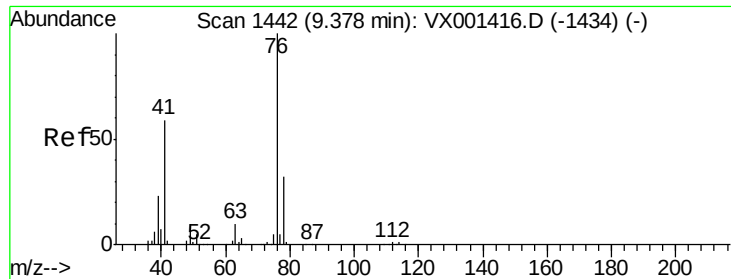
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#56
 Ethyl methacrylate
 Concen: 53.80 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001680.D
 Acq: 12 May 2018 21:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		219712		
41	67.5	55.1	82.7		
39	34.9	29.9	44.9		





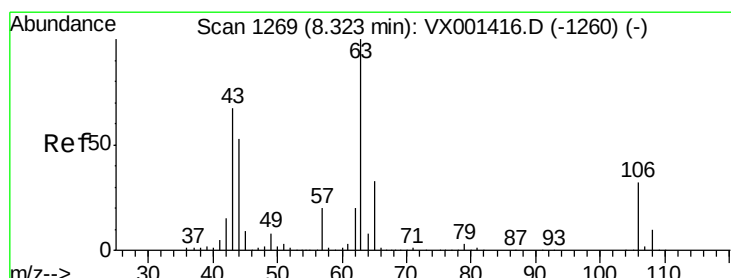
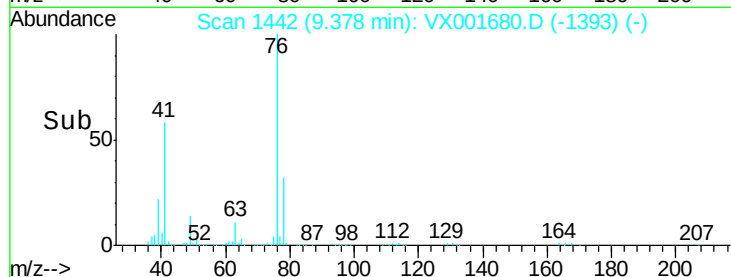
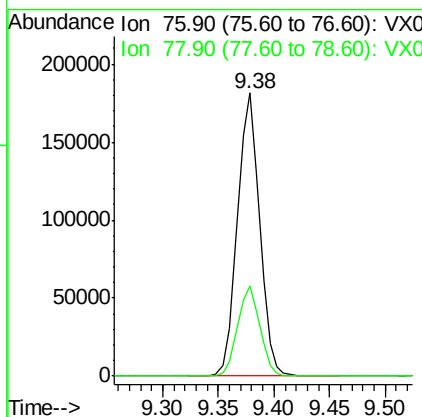
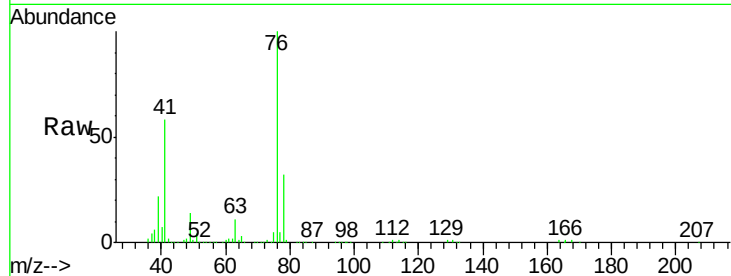
#57
 1,3-Dichloropropane
 Concen: 53.64 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001680.D
 Acq: 12 May 2018 21:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.8	38.6

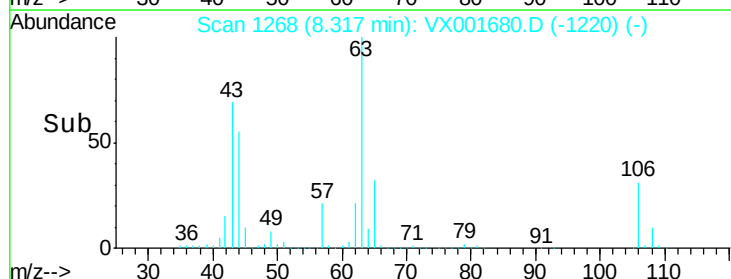
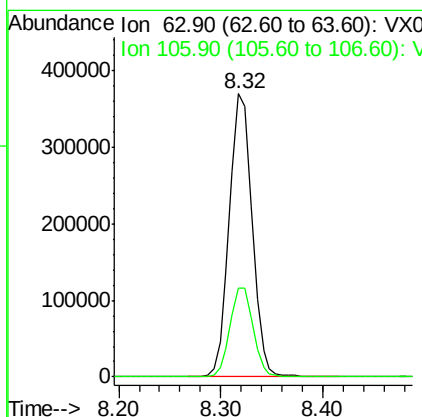
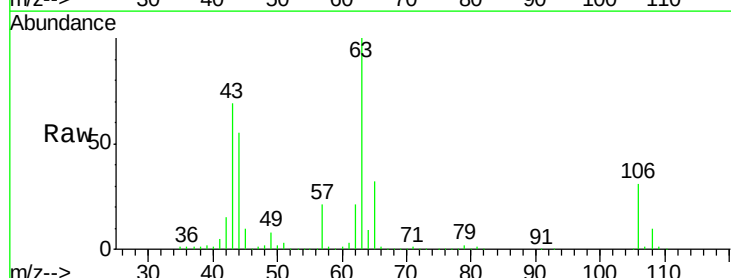
Manual Integrations
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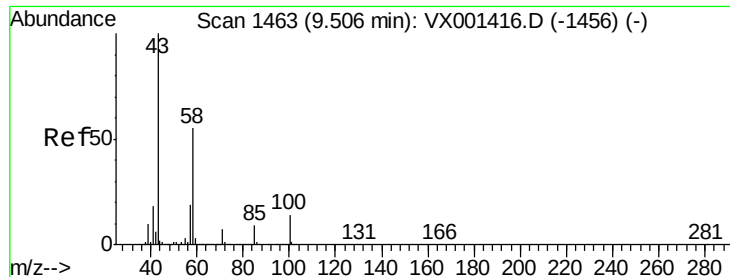
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#58
 2-Chloroethyl Vinyl ether
 Concen: 286.39 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001680.D
 Acq: 12 May 2018 21:35

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.9	25.4	38.0





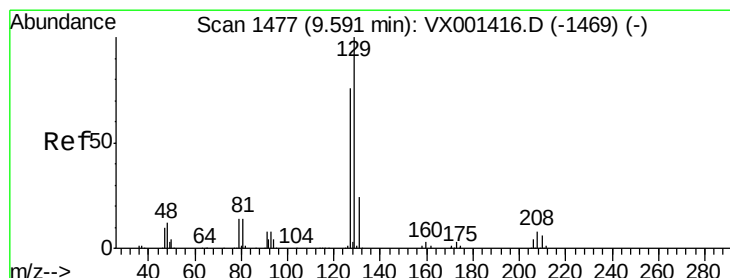
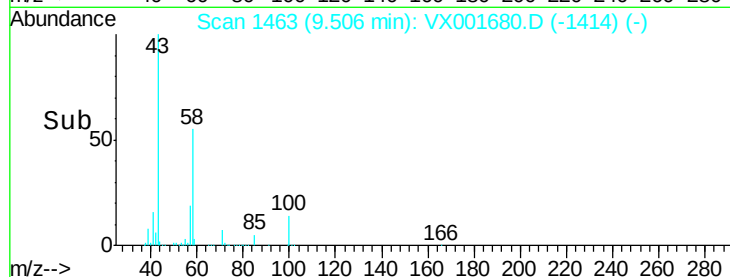
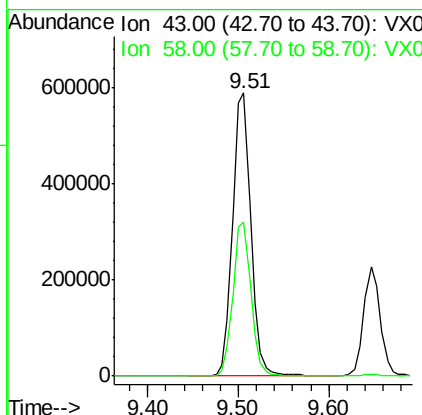
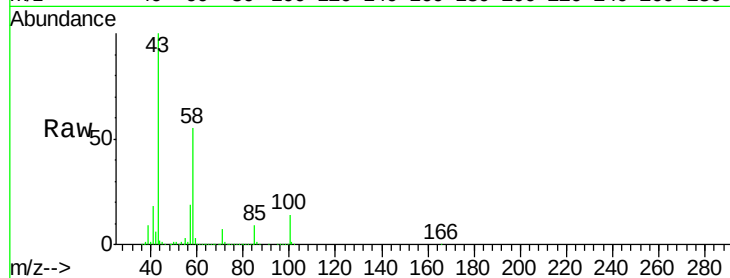
#59
2-Hexanone
Concen: 261.91 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 825772
Ion Ratio Lower Upper
43 100
58 54.2 27.1 81.2

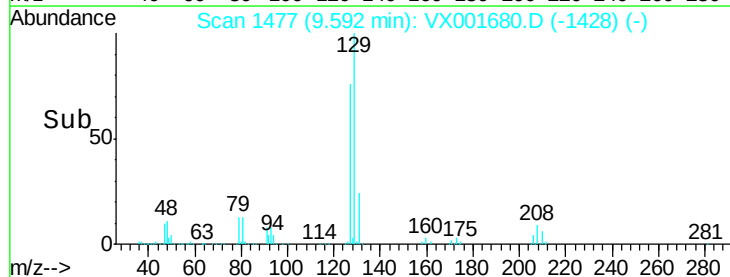
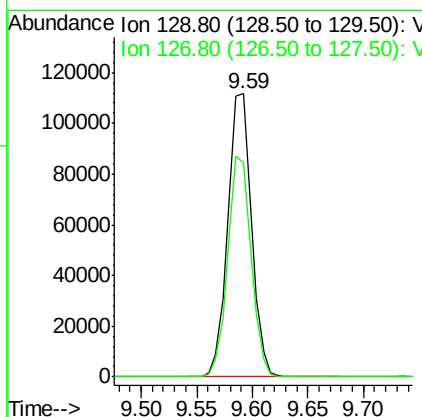
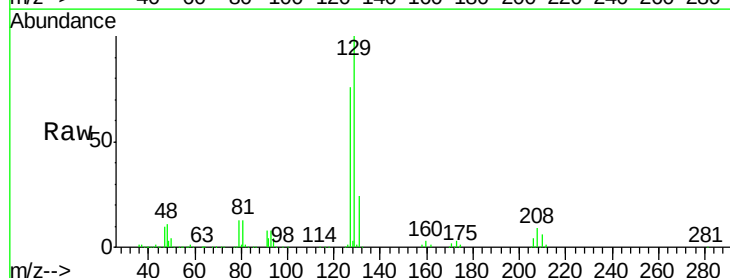
Manual Integrations
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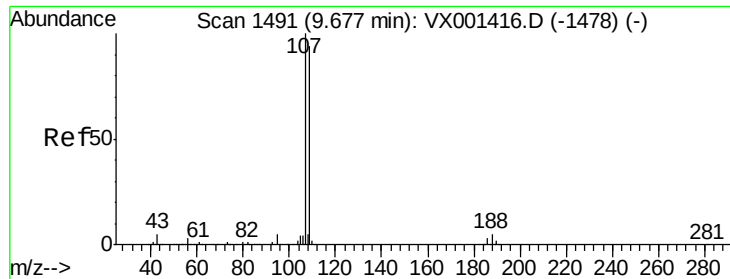
apatel
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#60
Dibromochloromethane
Concen: 56.89 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

Tgt Ion: 129 Resp: 165040
Ion Ratio Lower Upper
129 100
127 77.0 38.1 114.5





#61

1,2-Dibromoethane

Concen: 53.57 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 159356

Ion Ratio Lower Upper

107 100

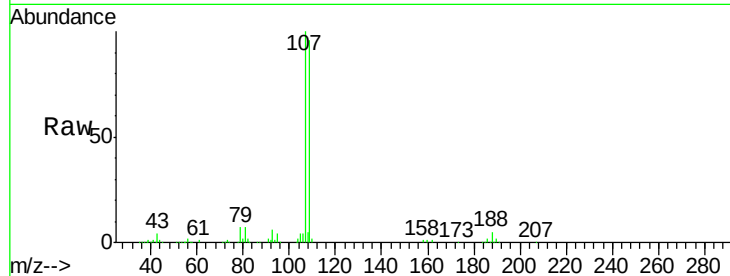
109 94.5 75.5 113.3

Manual Integrations

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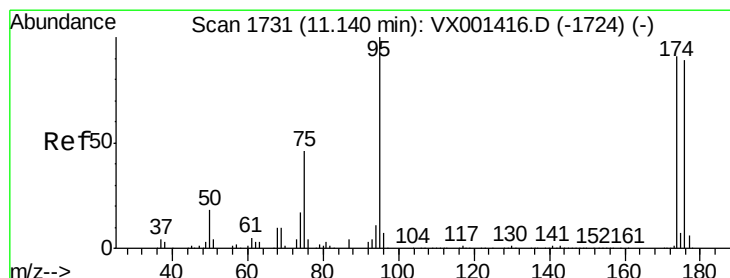
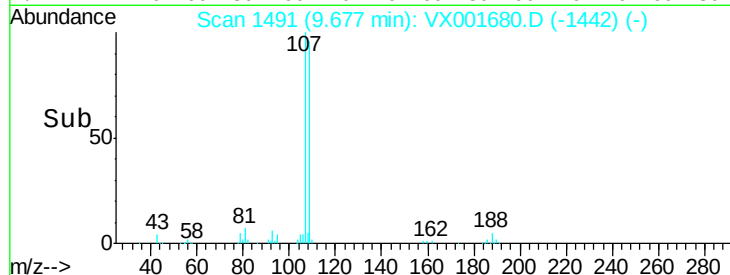
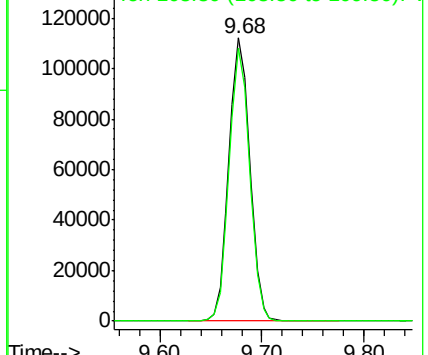
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.72 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

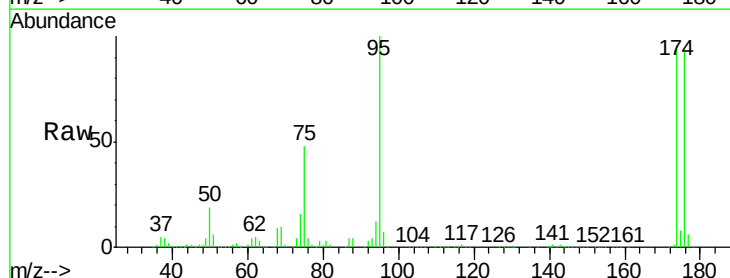
Tgt Ion: 95 Resp: 161341

Ion Ratio Lower Upper

95 100

174 102.4 0.0 202.0

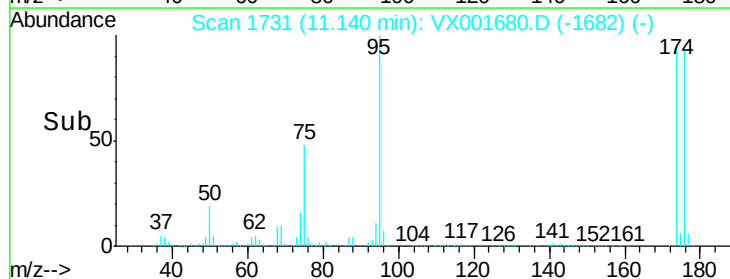
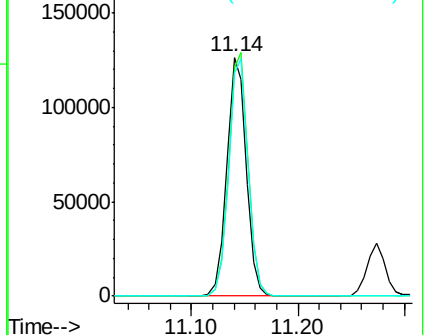
176 99.5 0.0 197.4

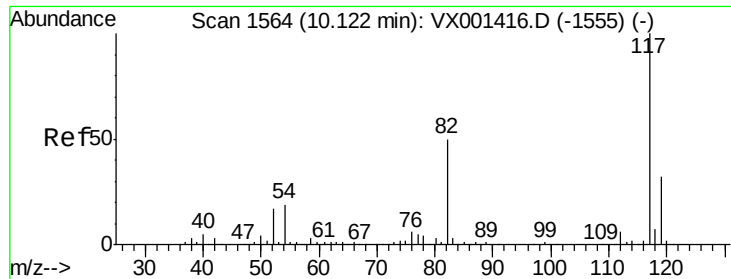


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





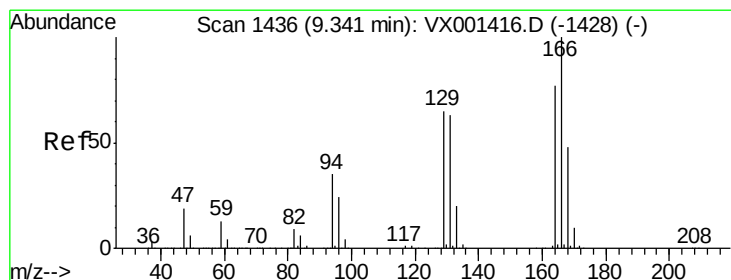
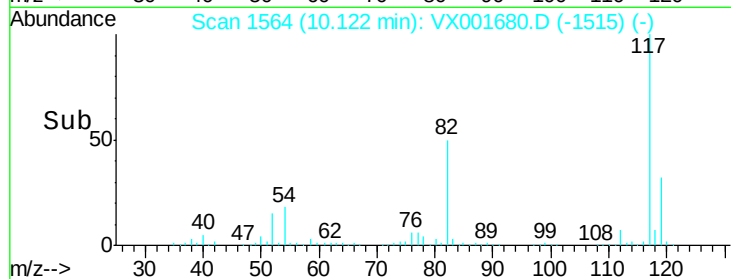
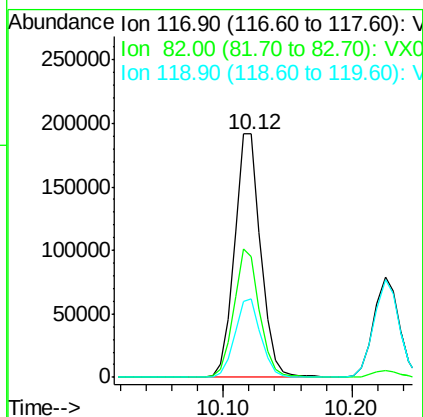
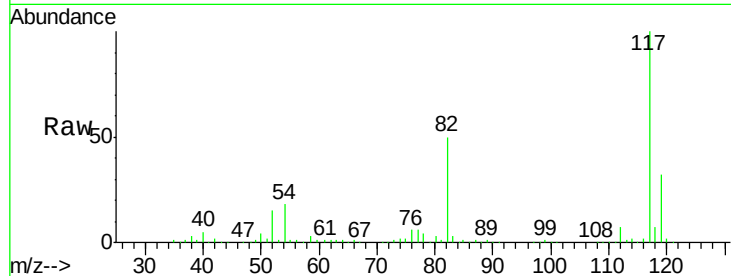
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	271614		
82	49.8	40.0	60.0	
119	32.2	25.8	38.8	

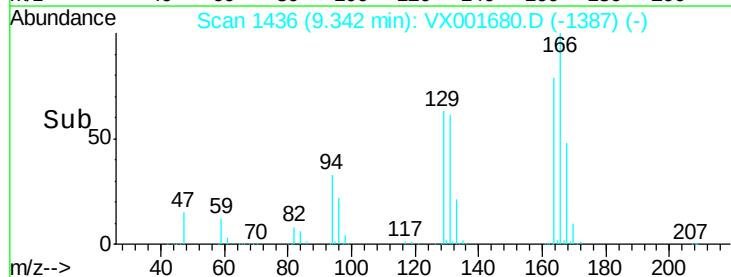
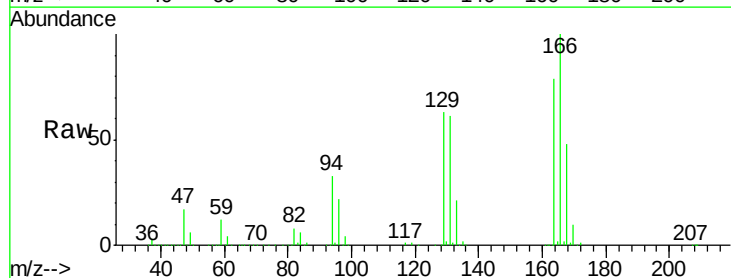
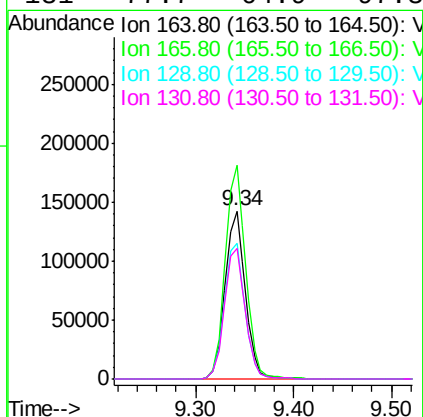
Manual Integrations
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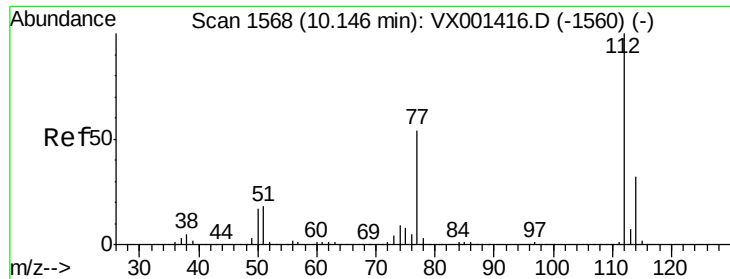
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#64
Tetrachloroethene
Concen: 54.12 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	204891		
166	126.9	103.5	155.3	
129	80.4	66.7	100.1	
131	77.7	64.9	97.3	





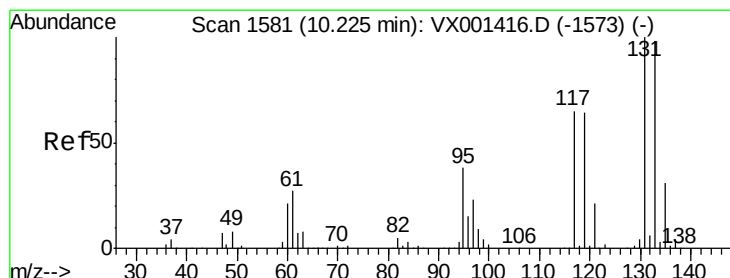
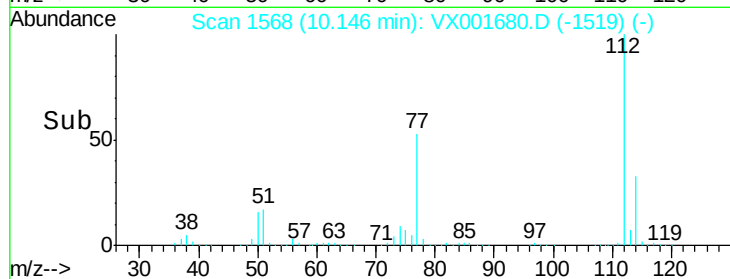
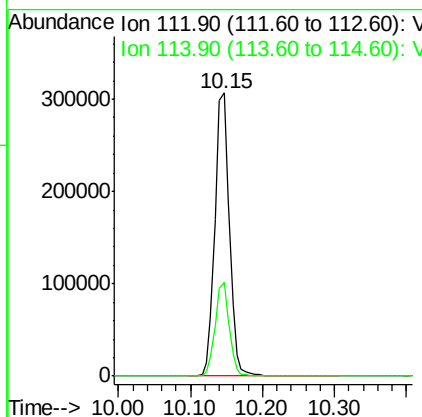
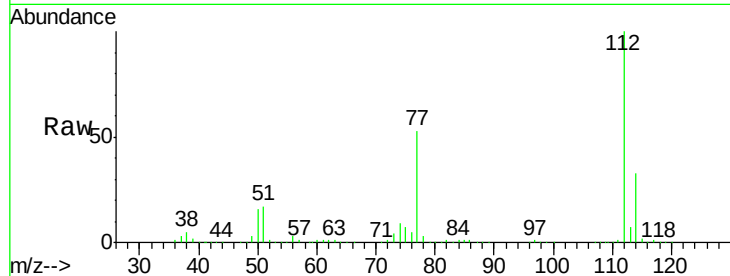
#65
Chlorobenzene
Concen: 53.71 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 427866
Ion Ratio Lower Upper
112 100
114 33.2 26.0 39.0

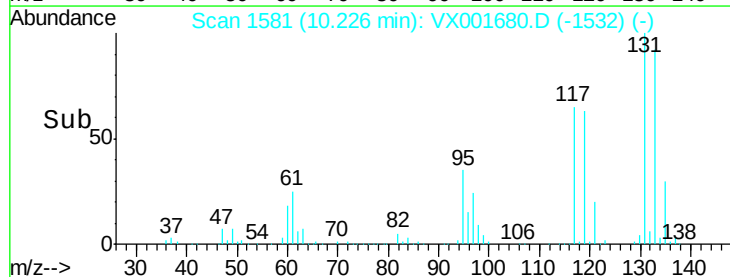
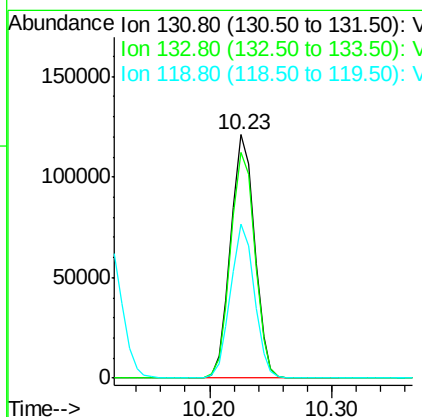
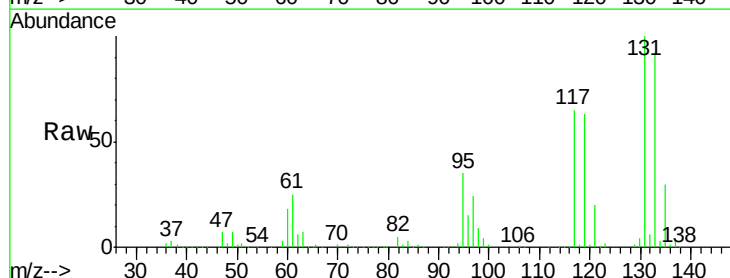
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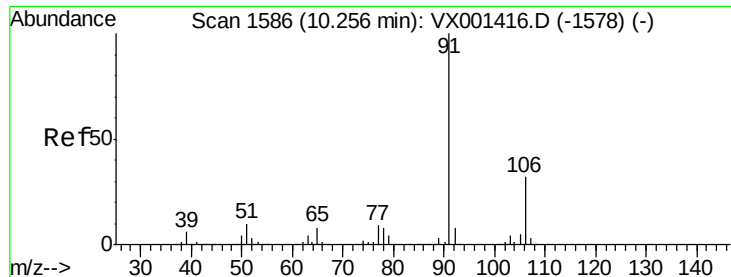
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#66
1,1,1,2-Tetrachloroethane
Concen: 57.40 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

Tgt Ion:131 Resp: 163550
Ion Ratio Lower Upper
131 100
133 94.5 47.9 143.8
119 62.9 31.1 93.3





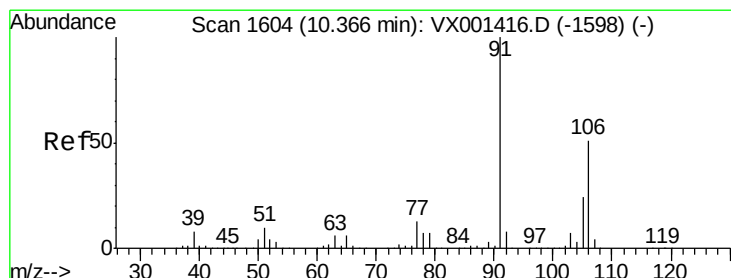
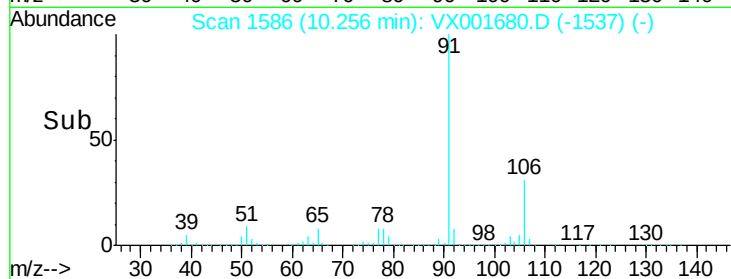
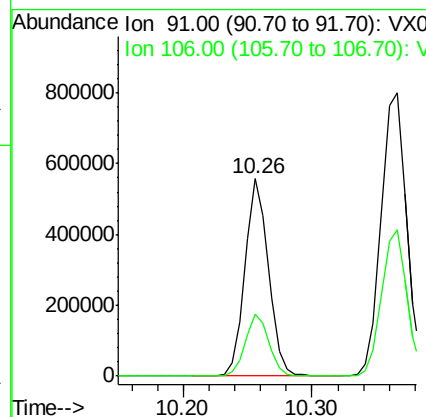
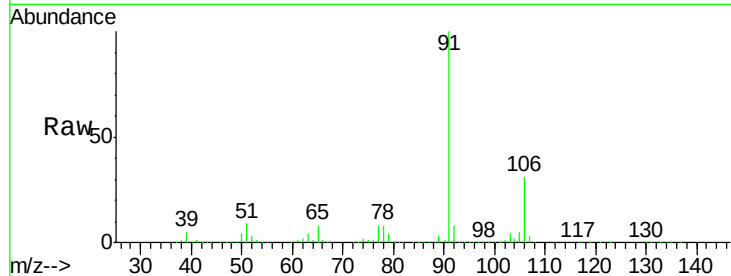
#67
Ethyl Benzene
Concen: 53.97 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 704583
Ion Ratio Lower Upper
91 100
106 31.1 25.5 38.3

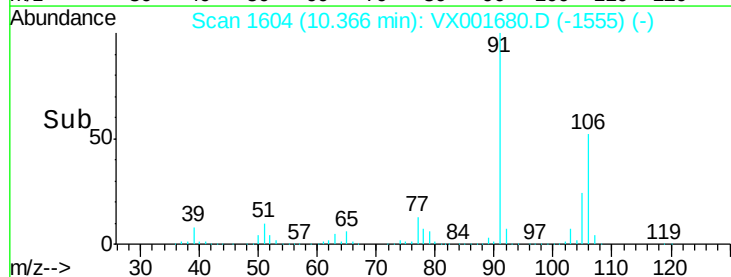
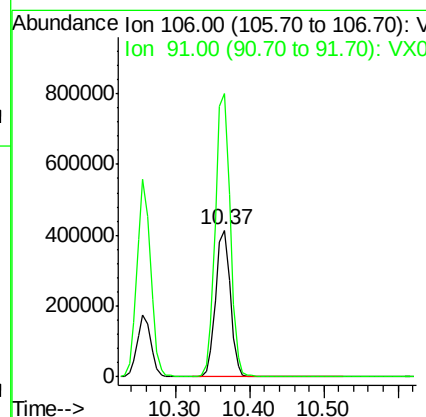
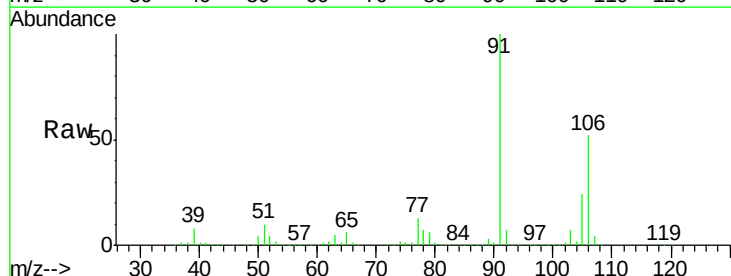
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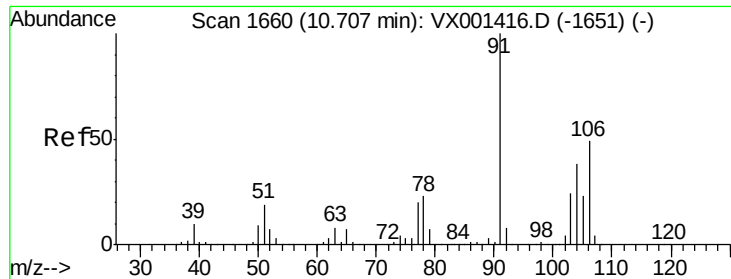
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#68
m/p-Xylenes
Concen: 108.70 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

Tgt Ion: 106 Resp: 560753
Ion Ratio Lower Upper
106 100
91 195.1 157.5 236.3





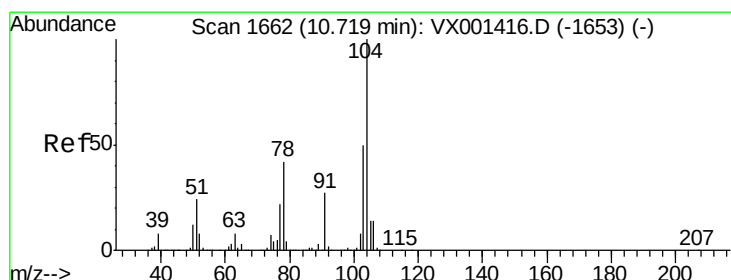
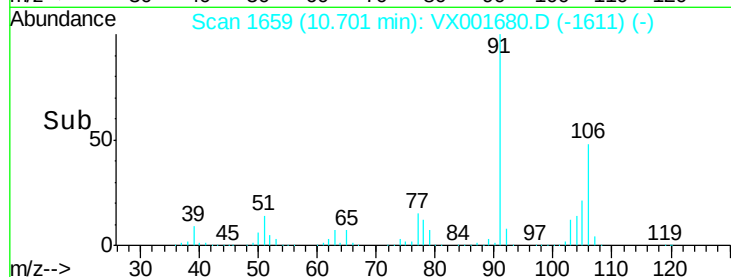
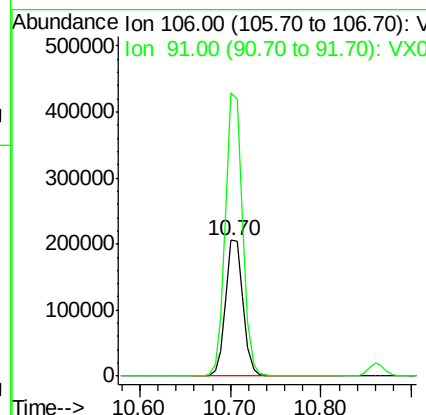
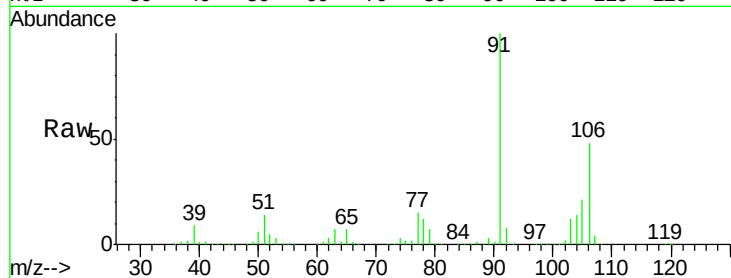
#69
o-Xylene
Concen: 54.80 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 274775
Ion Ratio Lower Upper
106 100
91 207.4 103.1 309.1

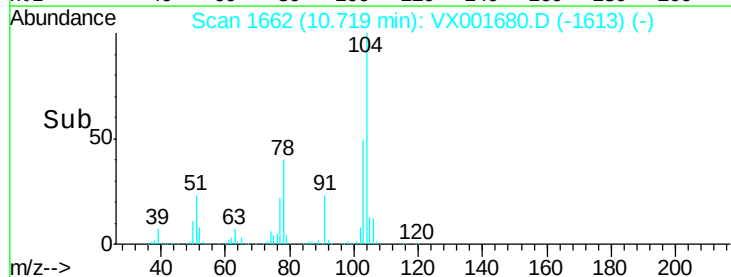
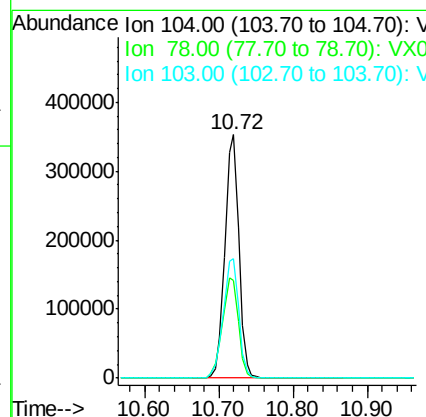
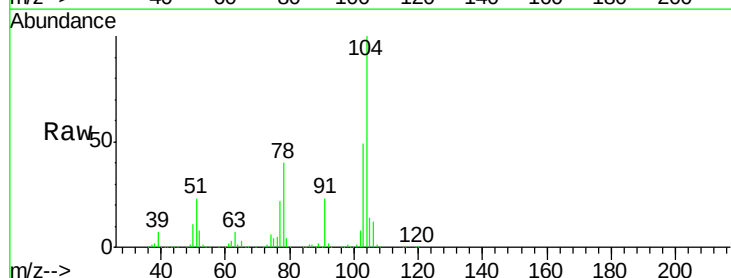
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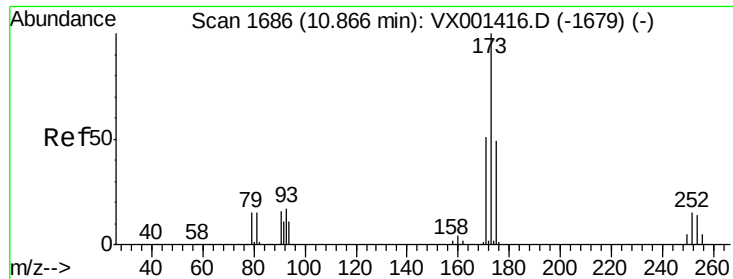
apatel
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#70
Styrene
Concen: 56.55 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

Tgt Ion:104 Resp: 460597
Ion Ratio Lower Upper
104 100
78 46.7 38.6 58.0
103 54.5 44.0 66.0





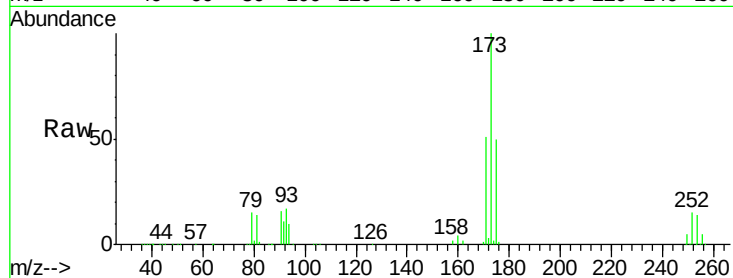
#71
Bromoform
Concen: 49.00 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

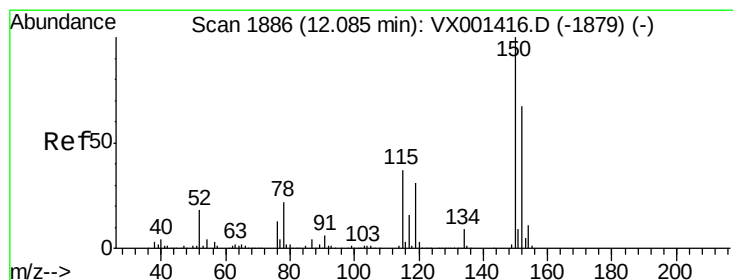
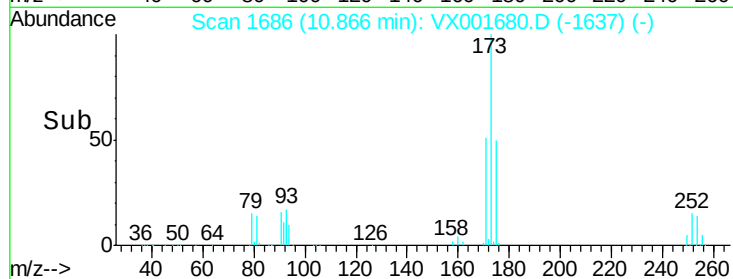
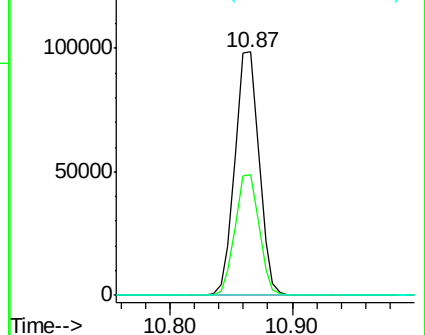
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.5	73.5
254	0.2	0.2	0.2

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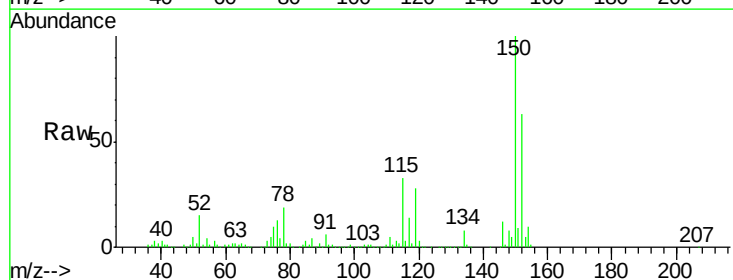


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

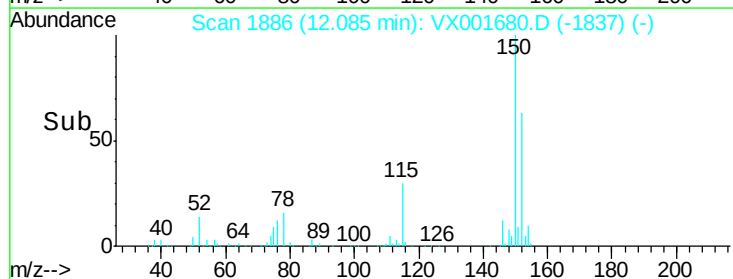
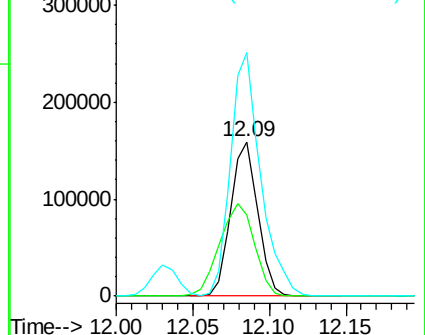


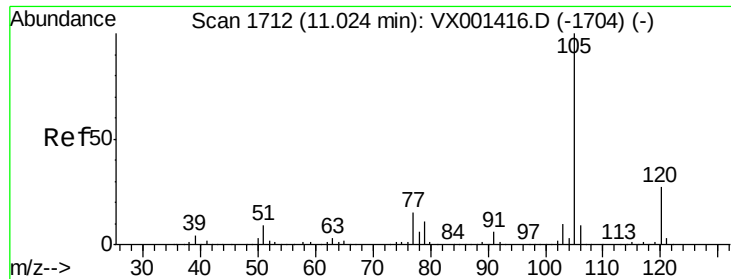
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.5	37.7	113.1
150	176.3	0.0	349.4



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





#73

Isopropylbenzene

Concen: 55.25 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 742689

Ion Ratio Lower Upper

105 100

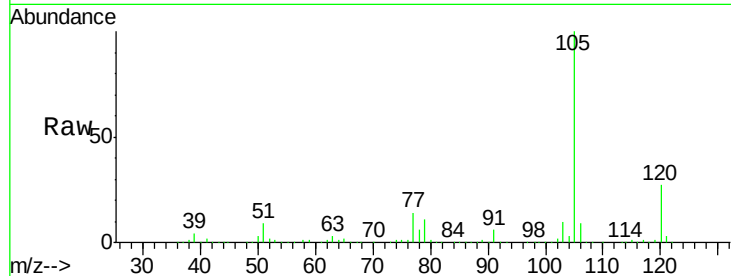
120 27.3 13.6 40.8

Manual Integrations

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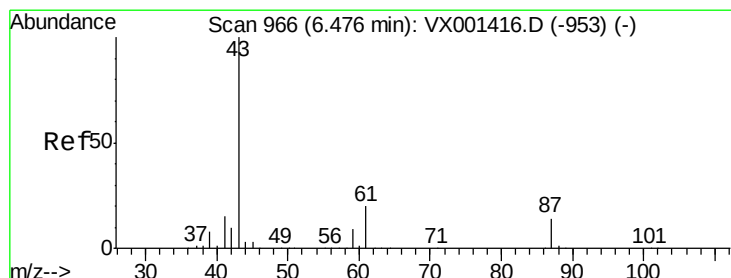
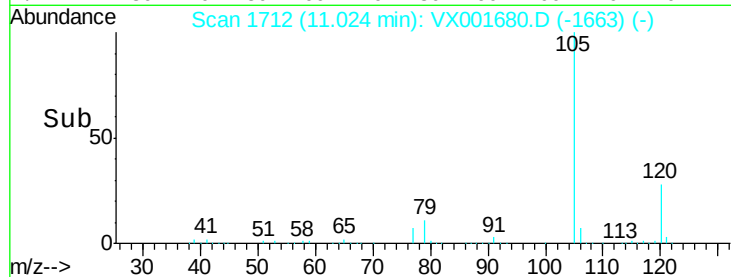
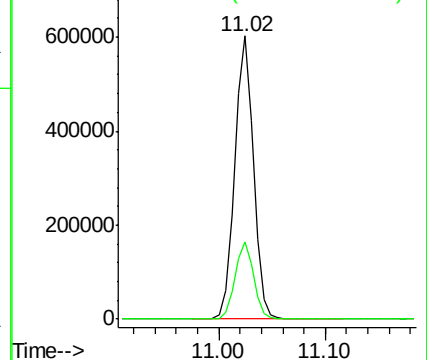
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.91 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Tgt Ion: 43 Resp: 329116

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1

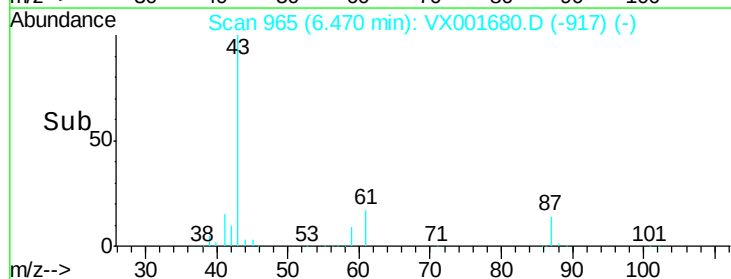
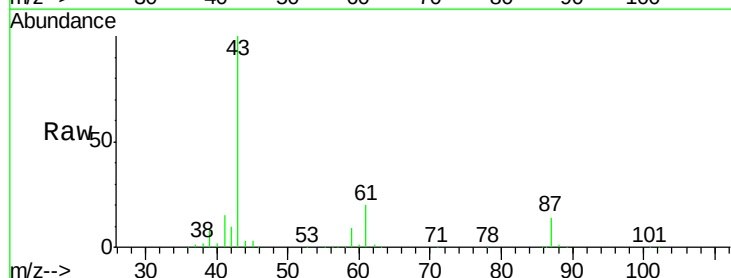
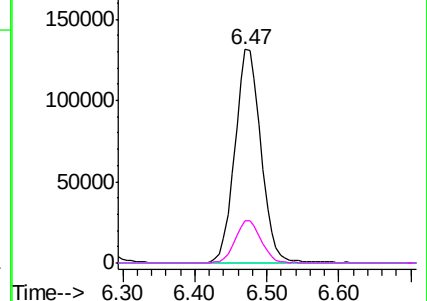
61 19.8 15.4 23.0

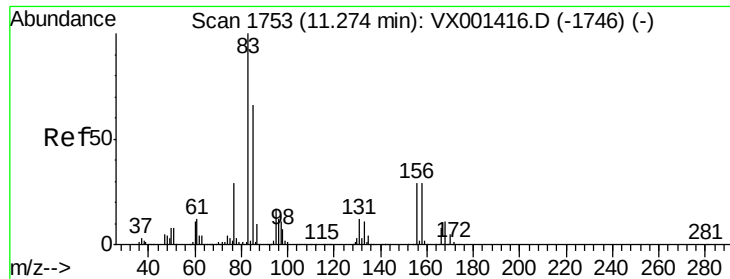
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 54.67 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 217028

Ion Ratio Lower Upper

83 100

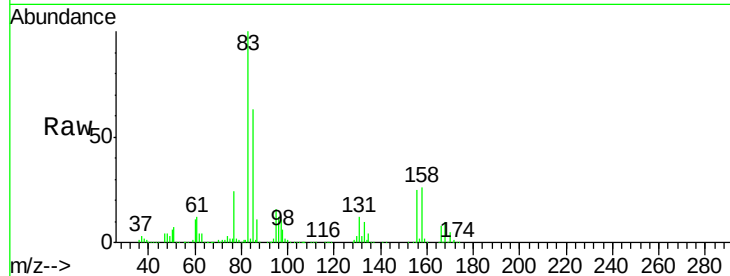
131 11.3 5.8 17.4

85 64.4 32.7 98.1

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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

11.27

200000

150000

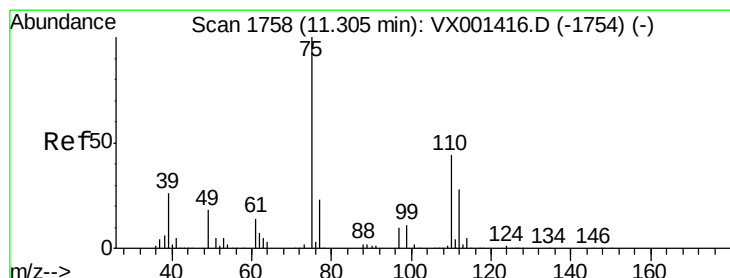
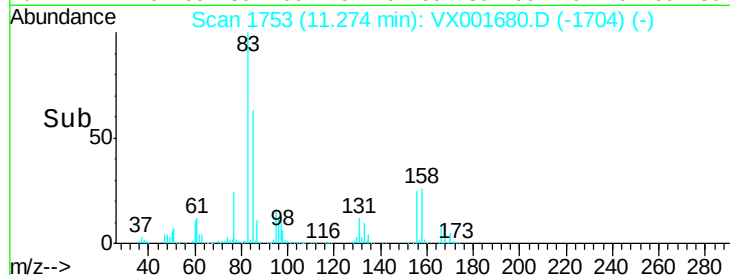
100000

50000

0

Time-->

11.20 11.30



#76

1,2,3-Trichloropropane

Concen: 46.46 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001680.D

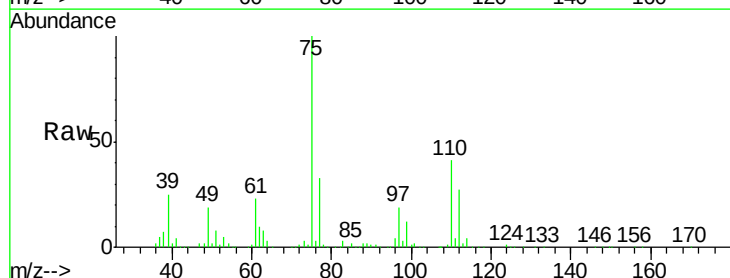
Acq: 12 May 2018 21:35

Tgt Ion: 75 Resp: 182959

Ion Ratio Lower Upper

75 100

77 43.3 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

200000

150000

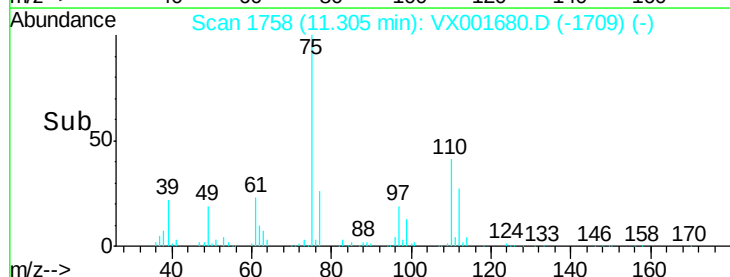
100000

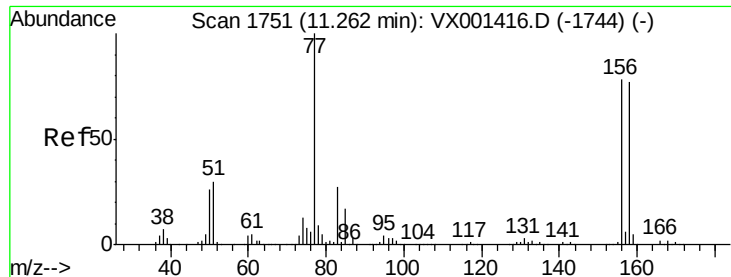
50000

0

Time-->

11.26 11.28 11.30 11.32





#77

Bromobenzene

Concen: 53.53 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Instrument :

MSVOA_X

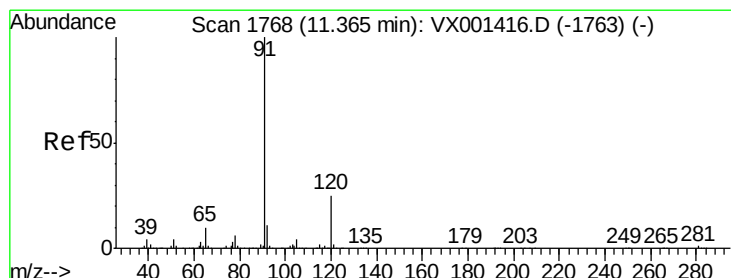
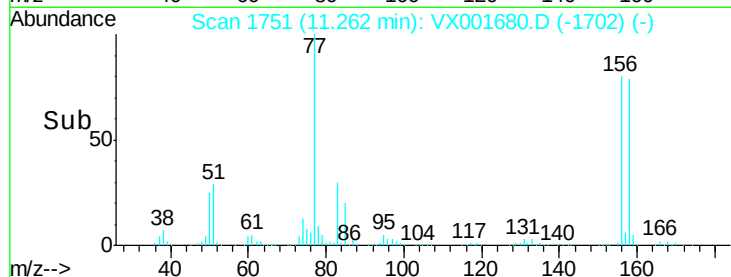
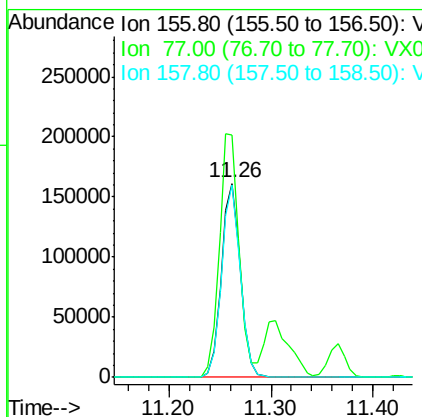
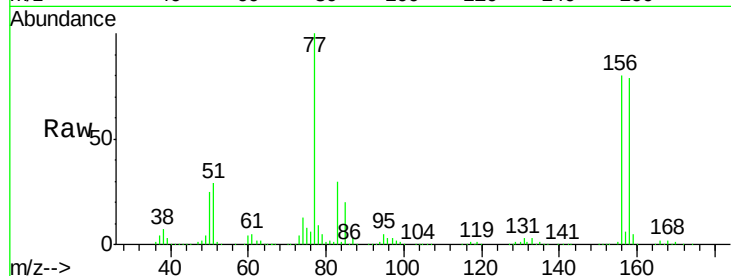
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
156	100	209166		
77	132.4	66.0	198.2	
158	98.2	49.4	148.2	

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#78

n-propylbenzene

Concen: 55.90 ug/l

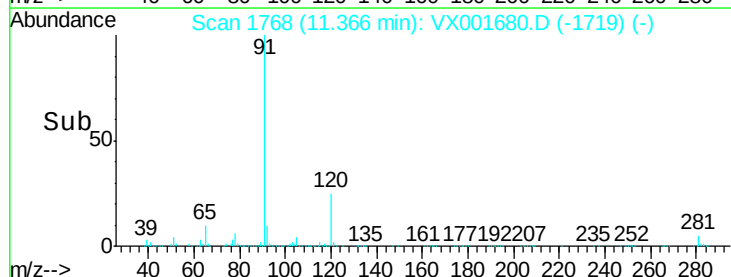
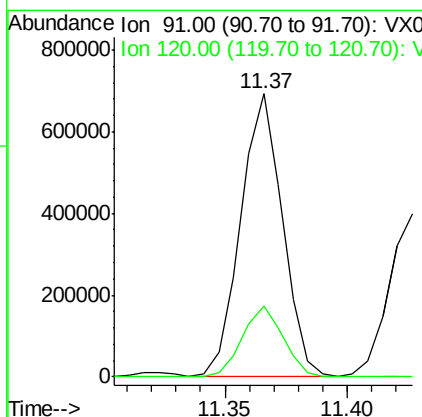
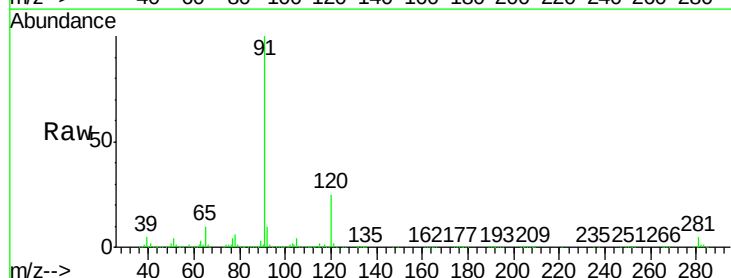
RT: 11.37 min Scan# 1768

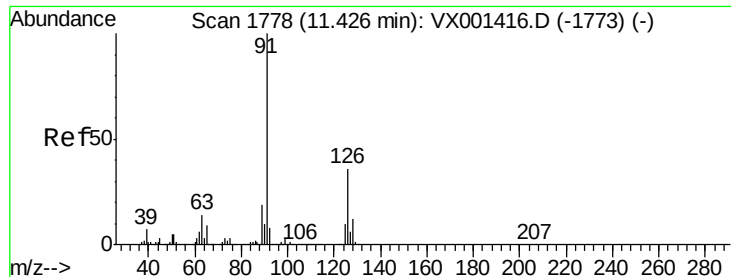
Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	818259		
120	24.9	12.5	37.5	





#79

2-Chlorotoluene

Concen: 54.45 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 490455

Ion Ratio Lower Upper

91 100

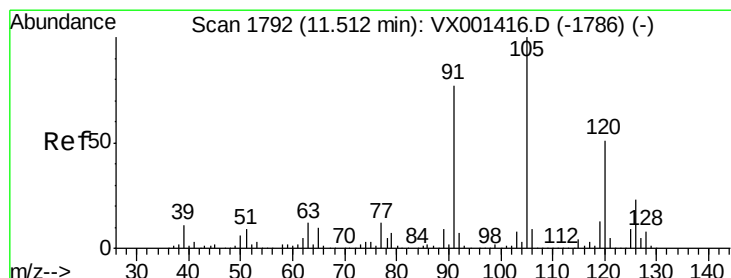
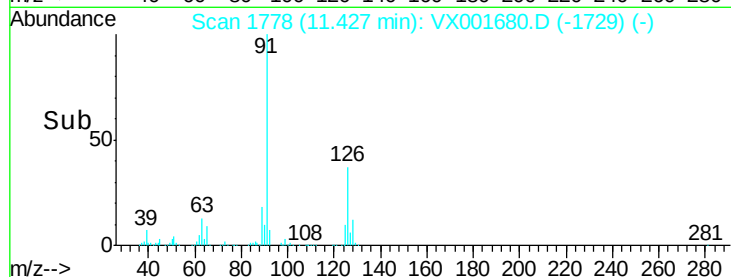
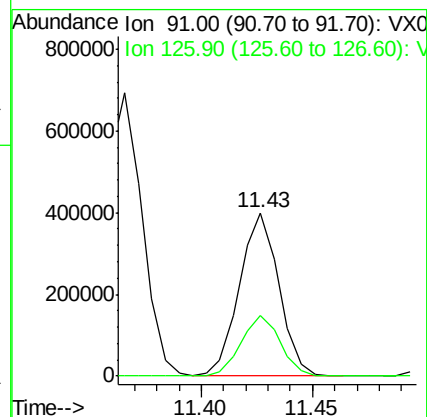
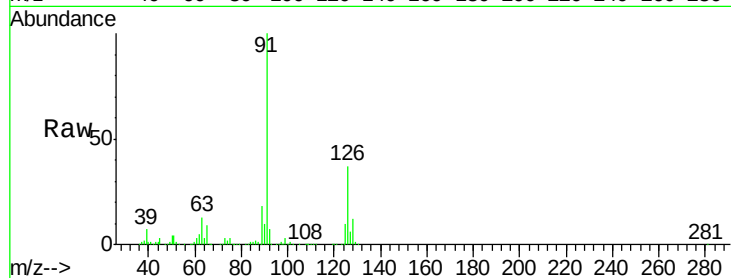
126 37.2 18.1 54.4

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 55.11 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001680.D

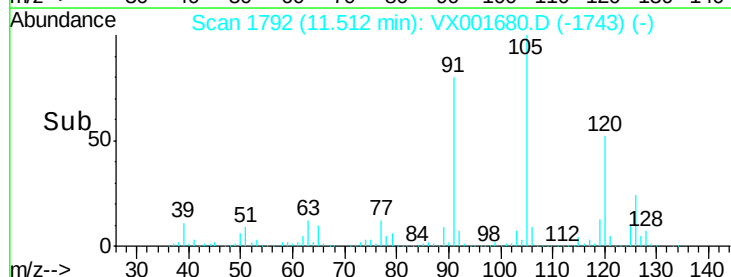
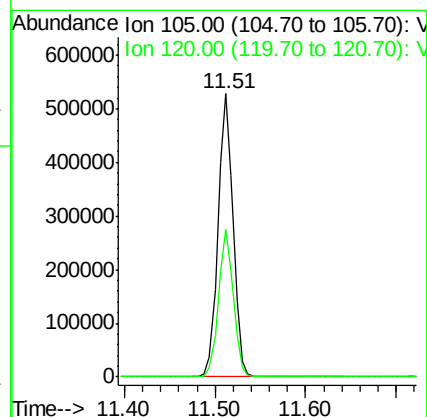
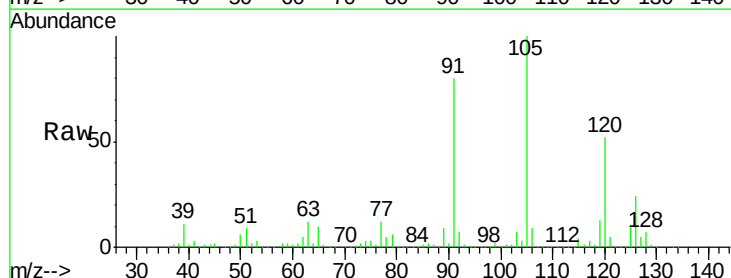
Acq: 12 May 2018 21:35

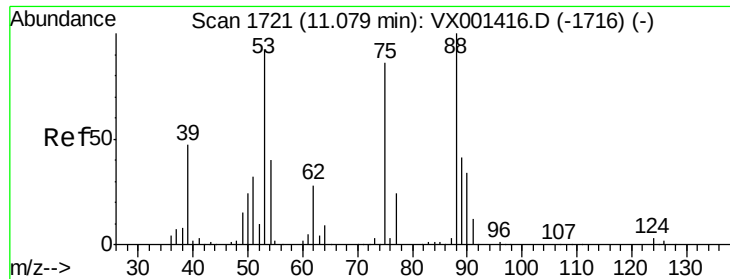
Tgt Ion: 105 Resp: 616693

Ion Ratio Lower Upper

105 100

120 51.5 25.7 77.1





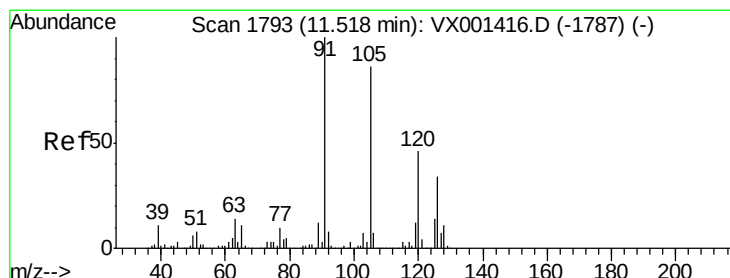
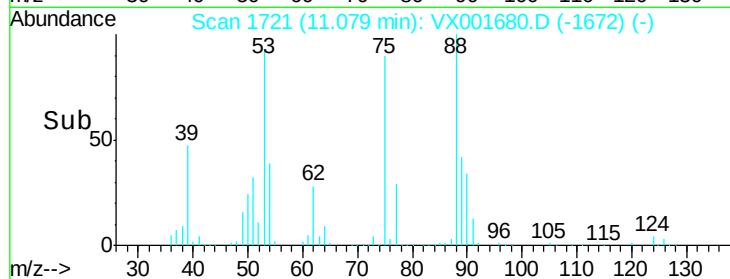
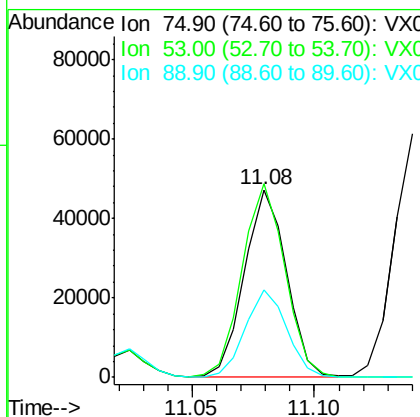
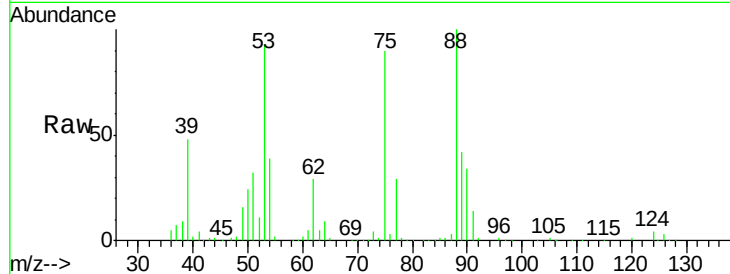
#81
trans-1,4-Dichloro-2-butene
Concen: 46.13 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.3	84.5	126.7
89	46.5	39.5	59.3

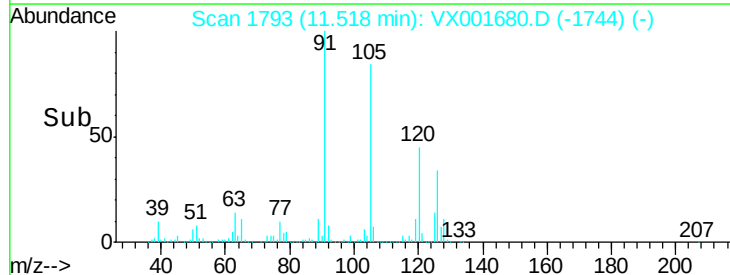
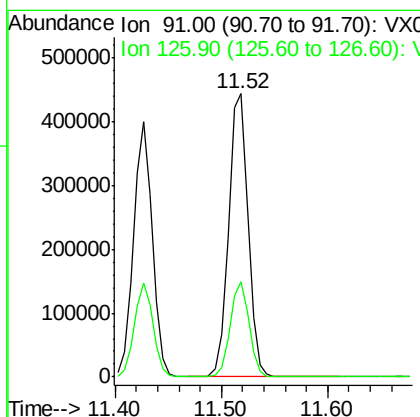
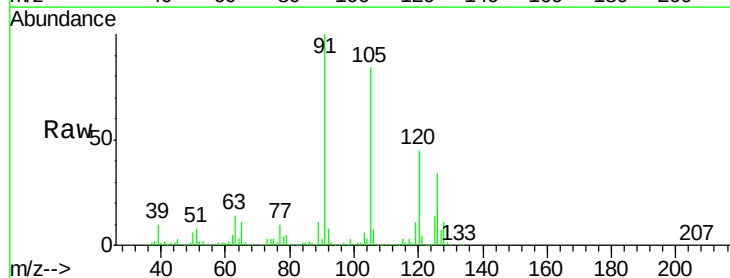
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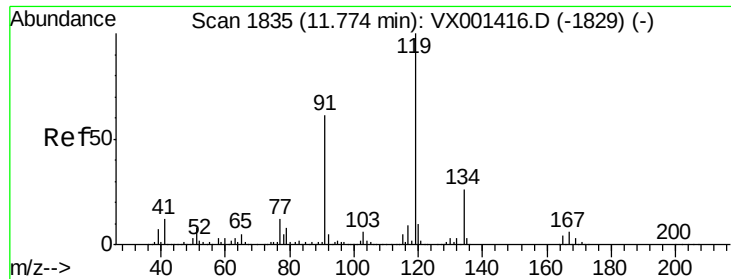
apatel
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#82
4-Chlorotoluene
Concen: 54.83 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.2	48.5





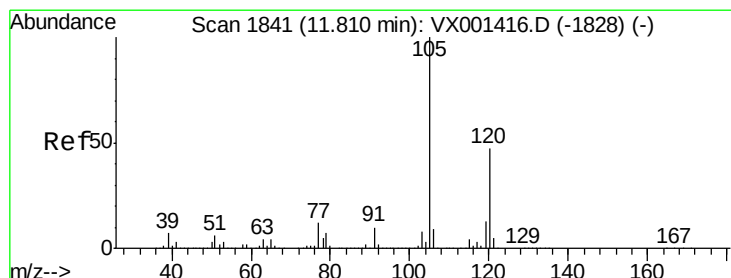
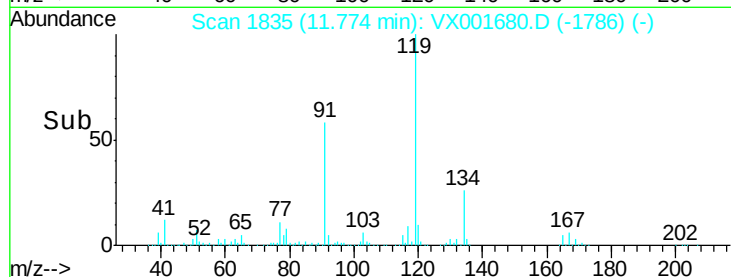
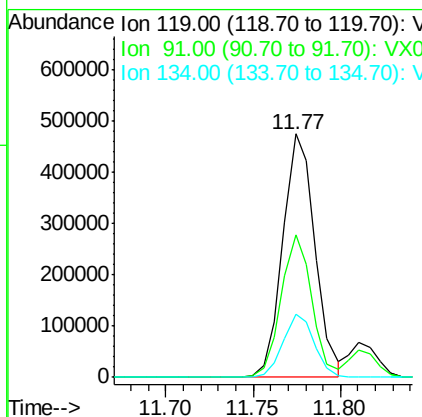
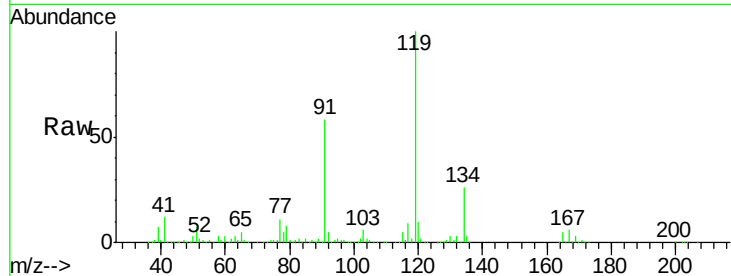
#83
 tert-Butylbenzene
 Concen: 54.92 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001680.D
 Acq: 12 May 2018 21:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.8	27.8	83.3
134	25.1	12.4	37.0

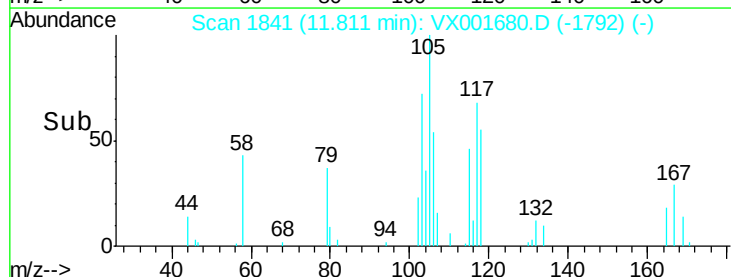
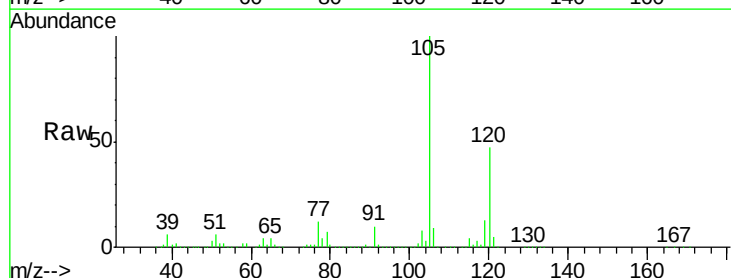
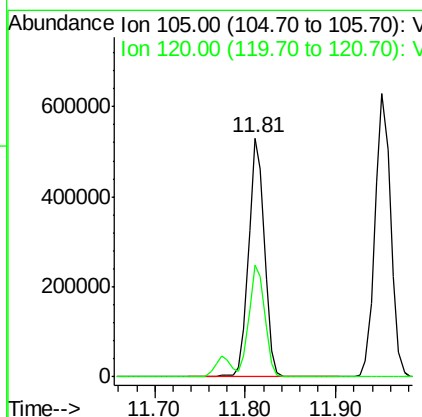
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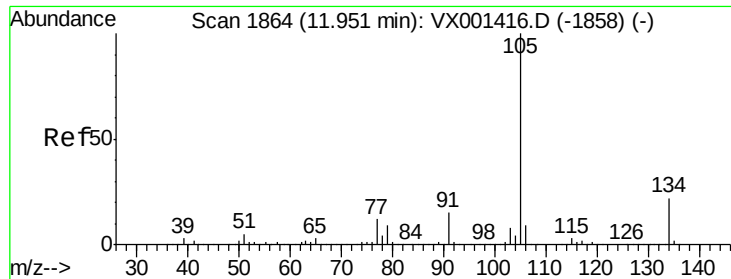
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#84
 1,2,4-Trimethylbenzene
 Concen: 55.55 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001680.D
 Acq: 12 May 2018 21:35

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.4	70.2





#85

sec-Butylbenzene

Concen: 56.37 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 753365

Ion Ratio Lower Upper

105 100

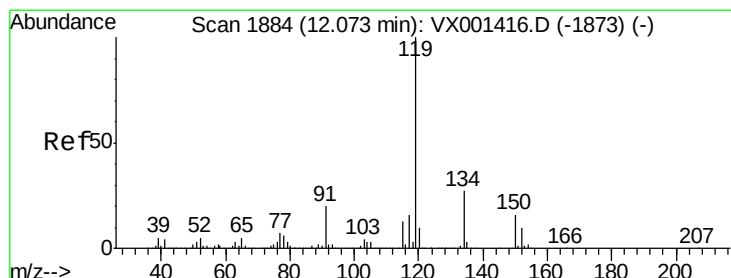
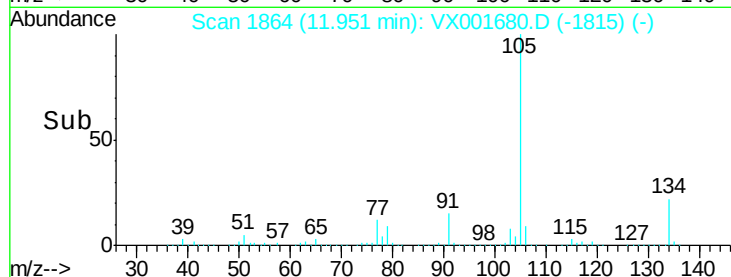
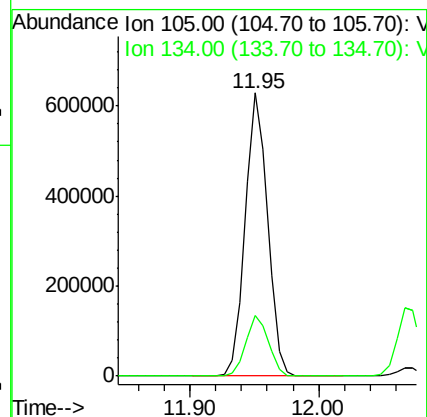
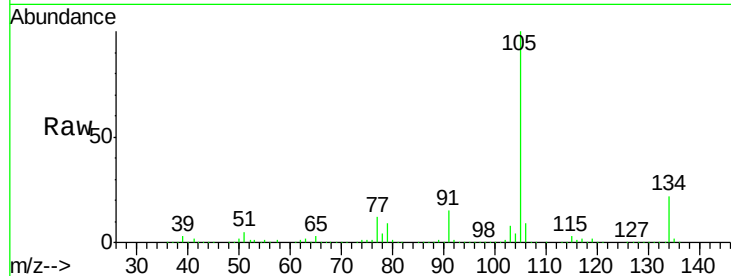
134 21.7 10.9 32.9

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 56.14 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

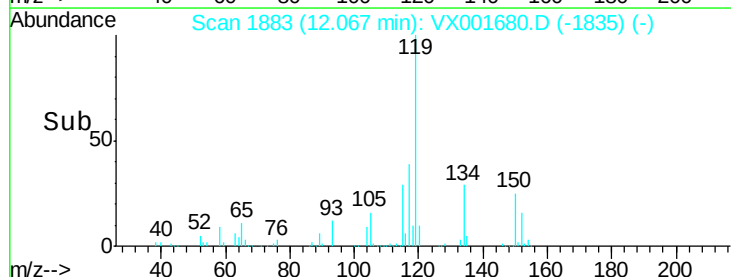
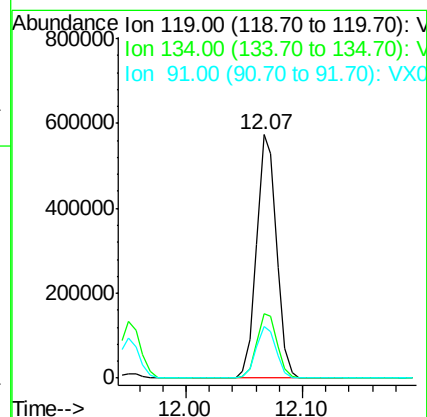
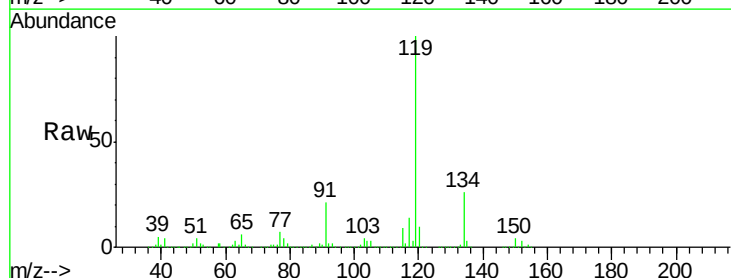
Tgt Ion:119 Resp: 688309

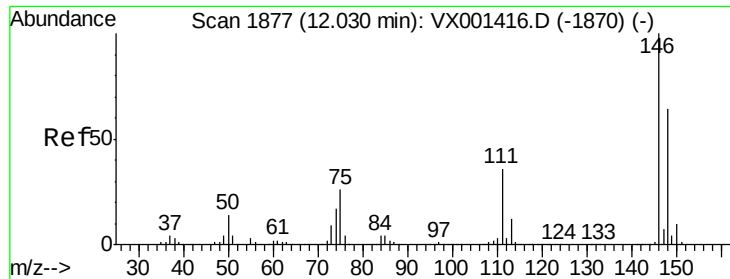
Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.8

91 21.3 10.8 32.3





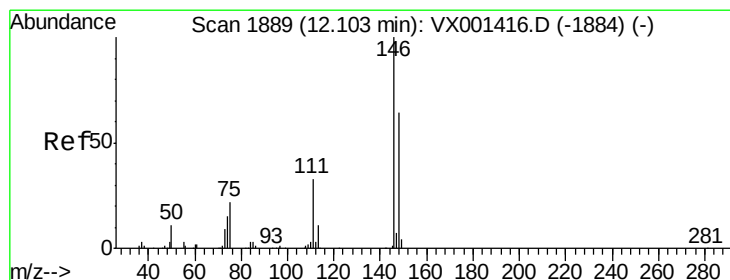
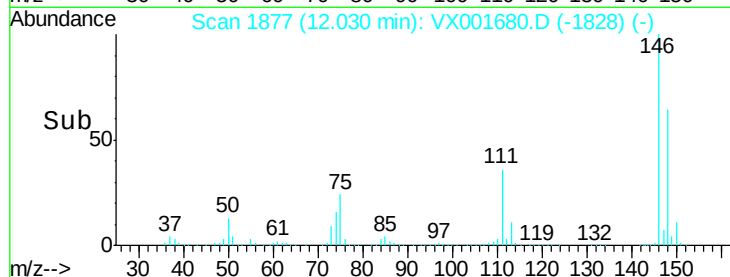
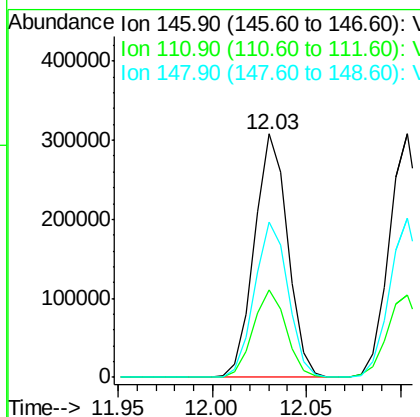
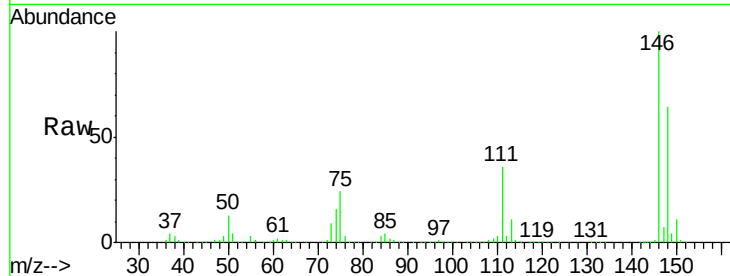
#87
 1,3-Dichlorobenzene
 Concen: 54.12 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001680.D
 Acq: 12 May 2018 21:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.7	18.1	54.1
148	64.2	32.1	96.5

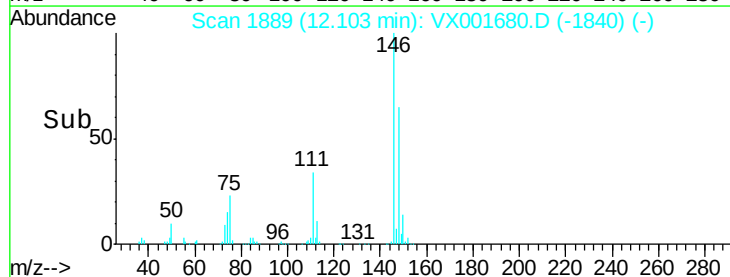
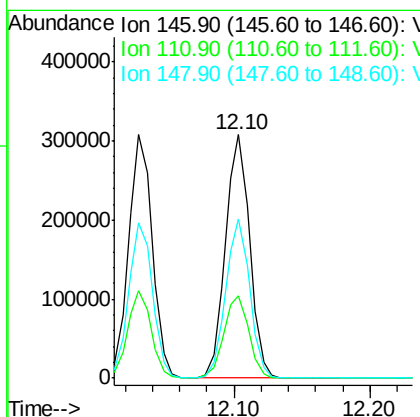
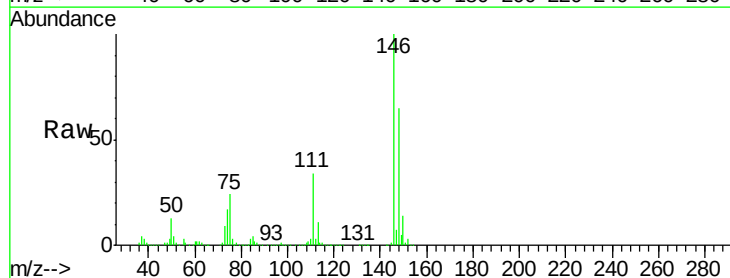
Manual Integrations
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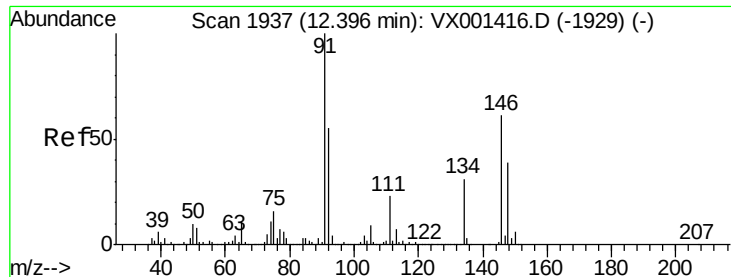
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#88
 1,4-Dichlorobenzene
 Concen: 53.34 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001680.D
 Acq: 12 May 2018 21:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	34.9	17.4	52.3
148	64.9	32.2	96.6





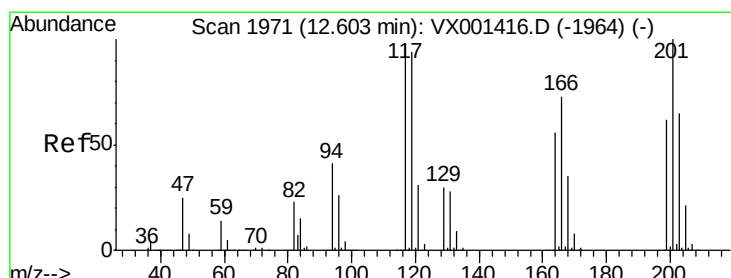
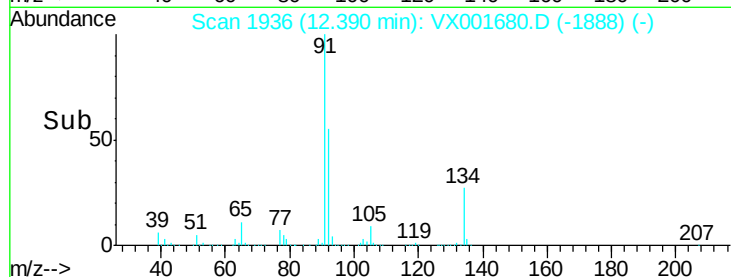
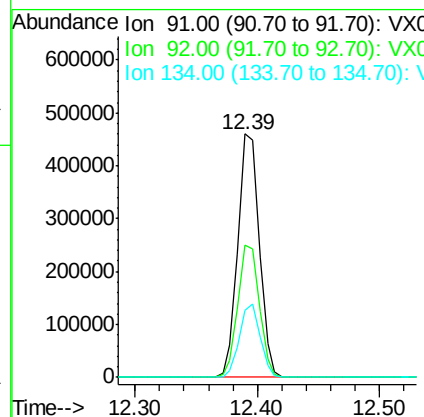
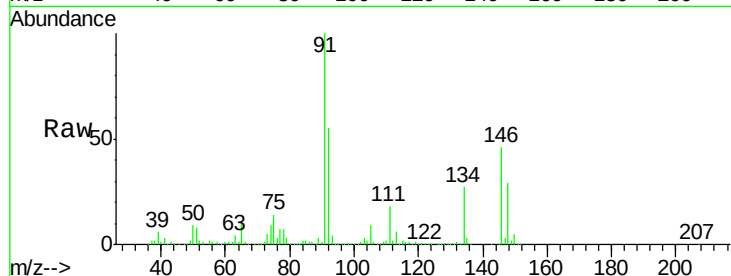
#89
n-Butylbenzene
Concen: 54.74 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.2	81.5
134	29.1	14.6	44.0

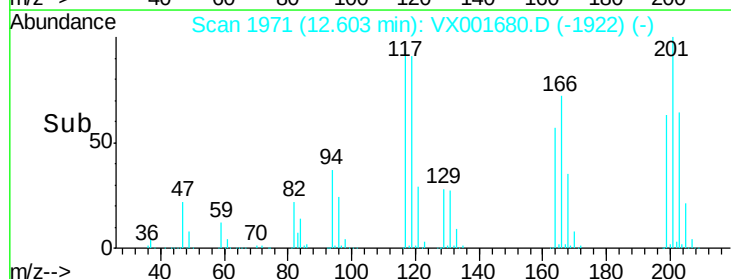
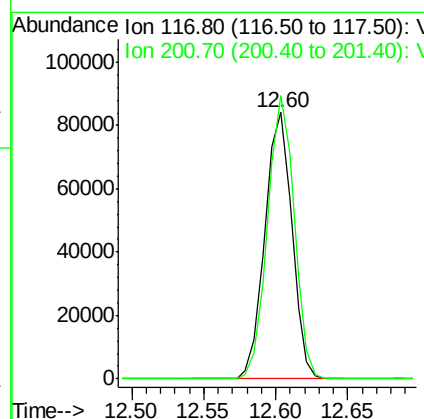
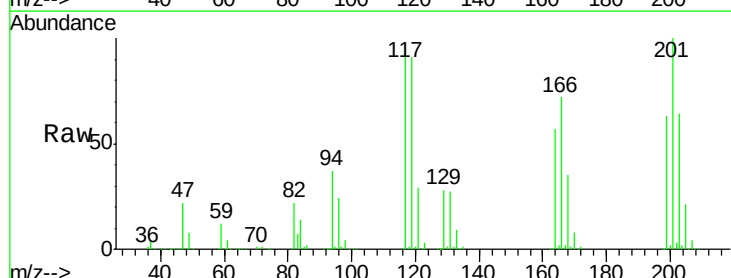
Manual Integrations
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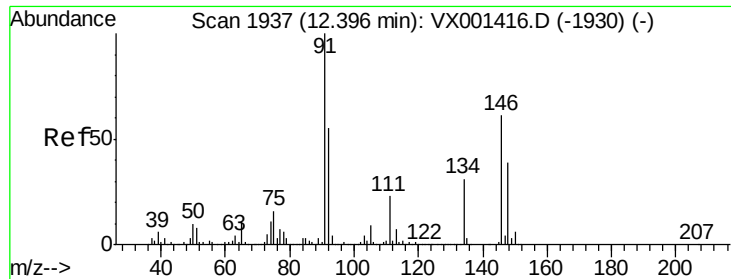
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#90
Hexachloroethane
Concen: 59.05 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001680.D
Acq: 12 May 2018 21:35

Tgt Ion	Ratio	Lower	Upper
117	100		
201	104.5	51.5	154.5





#91

1,2-Dichlorobenzene

Concen: 54.87 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Instrument :

MSVOA_X

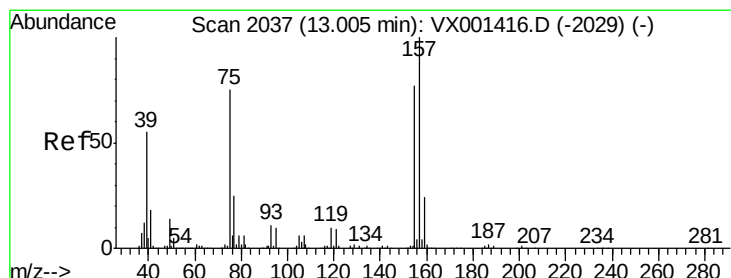
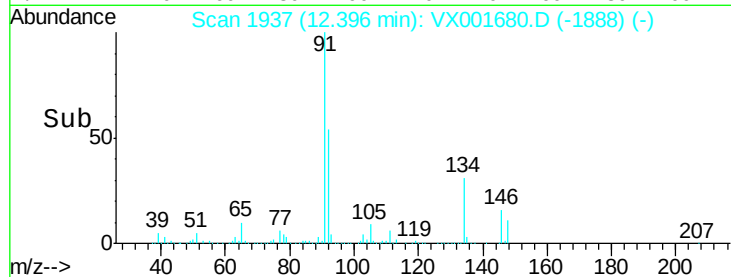
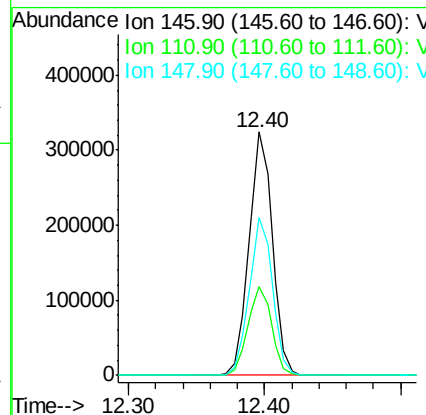
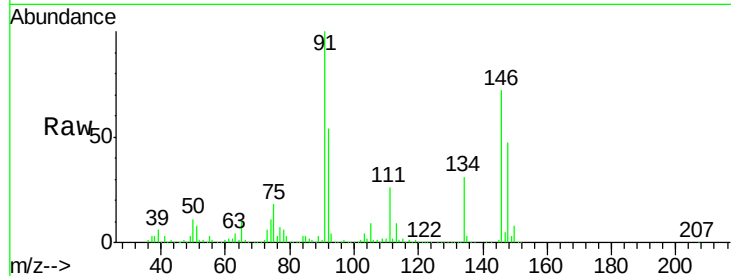
ClientSampled :

VSTDCCC050

Tot Ion:	146	Resp:	389991
Ion Ratio	Lower	Upper	
146	100		
111	36.8	18.6	55.8
148	64.6	32.1	96.5

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#92

1,2-Dibromo-3-Chloropropane

Concen: 55.61 ug/l

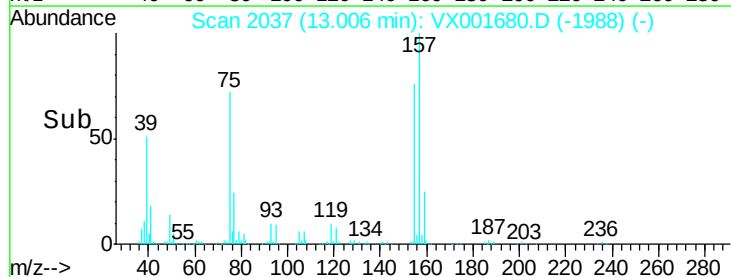
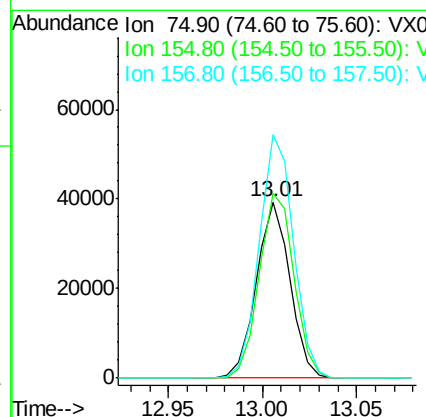
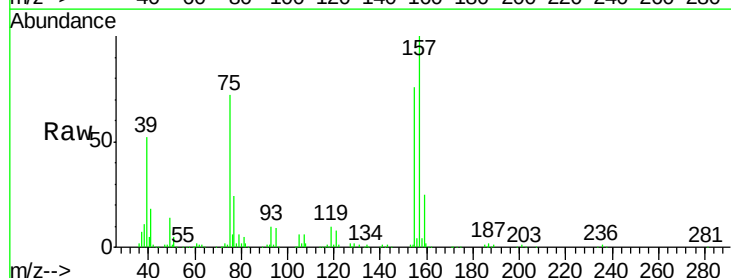
RT: 13.01 min Scan# 2037

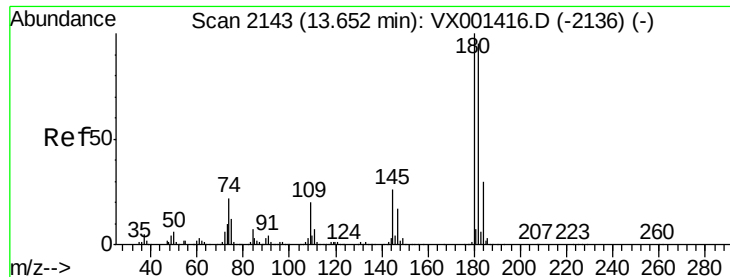
Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Tgt Ion:	75	Resp:	48501
Ion Ratio	Lower	Upper	
75	100		
155	108.8	53.4	160.2
157	140.9	68.3	204.8





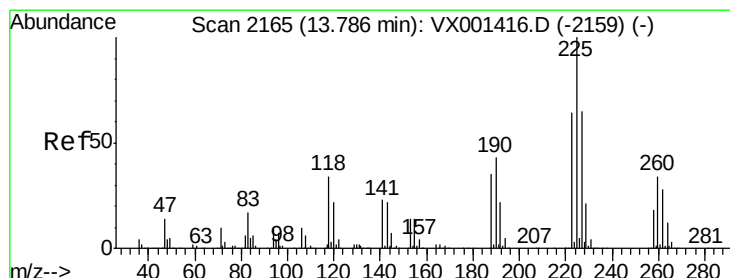
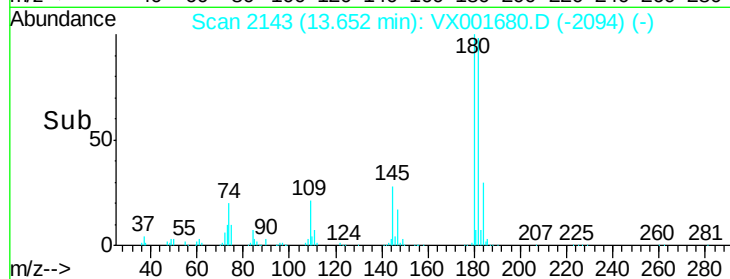
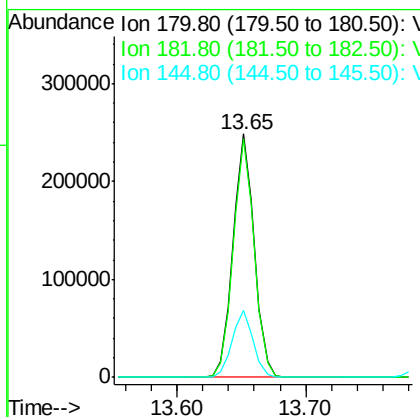
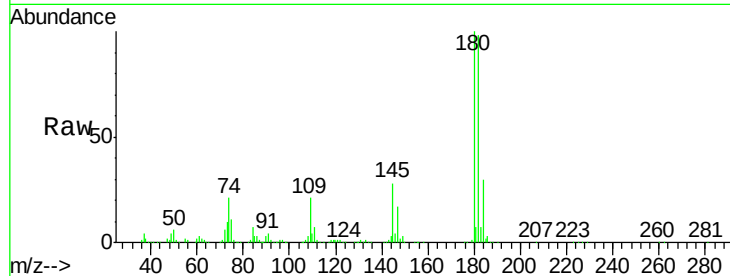
#93
 1,2,4-Trichlorobenzene
 Concen: 55.05 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001680.D
 Acq: 12 May 2018 21:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	286284		
182	96.9	47.8	143.4	
145	27.1	13.3	39.9	

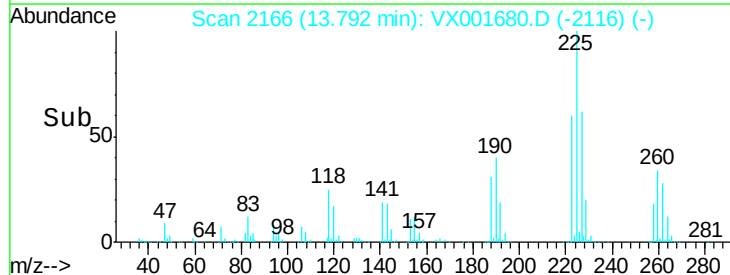
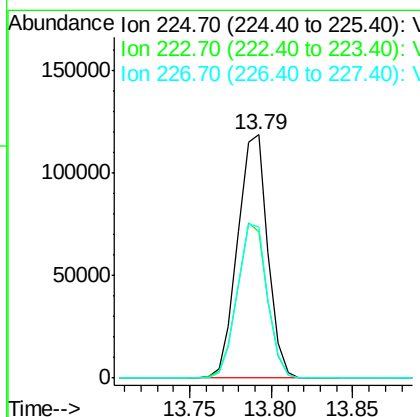
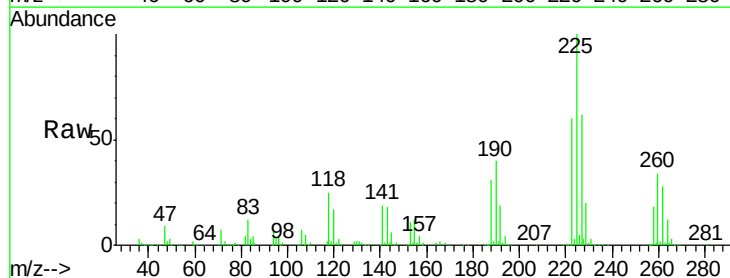
Manual Integrations
 APPROVED

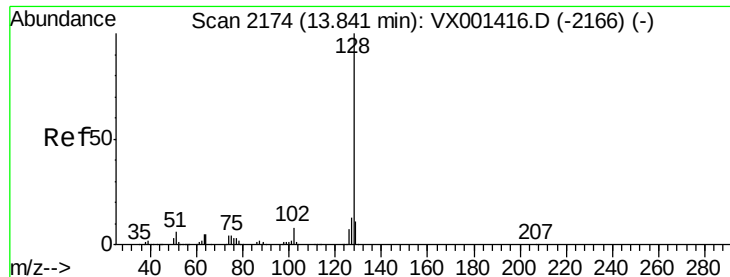
apatel
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#94
 Hexachlorobutadiene
 Concen: 53.59 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.01 min
 Lab File: VX001680.D
 Acq: 12 May 2018 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	152501		
223	63.0	31.3	93.9	
227	63.6	32.4	97.2	





#95

Naphthalene

Concen: 57.25 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Instrument :

MSVOA_X

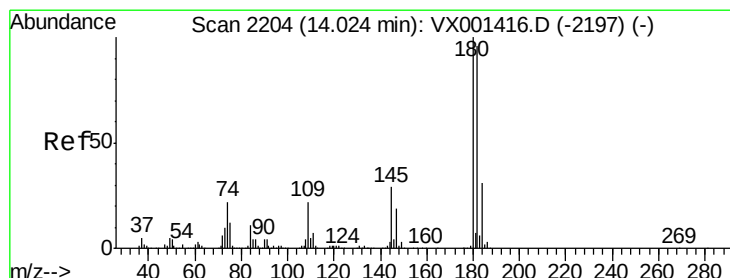
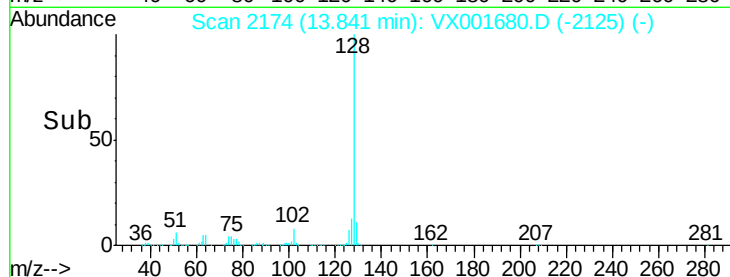
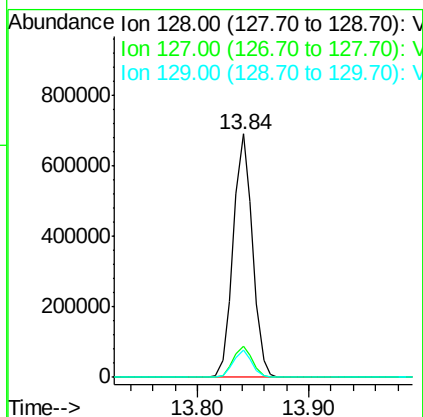
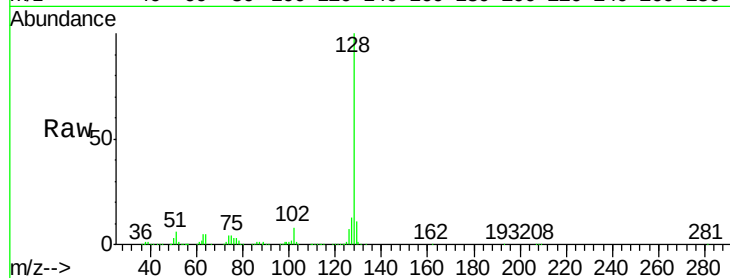
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	823466
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	10.8	8.7	13.1

Manual Integrations
APPROVED

apatel
5/15/2018 6:31:56 PM



#96

1,2,3-Trichlorobenzene

Concen: 56.19 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001680.D

Acq: 12 May 2018 21:35

Tgt Ion:	180	Resp:	299832
Ion Ratio	Lower	Upper	
180	100		
182	95.0	48.0	144.2
145	28.4	14.1	42.4

