

Data File : VX000267.D

Acq On : 09 Mar 2018 20:15

Operator : JC/MD

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Mar 09 23:33:06 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M

Quant Title : SW846 8260

QLast Update : Thu Mar 08 02:15:47 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	109364	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	187808	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	196157	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	115244	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	83390	55.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.02%	
35) Dibromofluoromethane	5.51	113	63775	54.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.12%	
50) Toluene-d8	8.73	98	248188	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
62) 4-Bromofluorobenzene	11.15	95	98815	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	51122	42.90	ug/l	97
3) Chloromethane	1.32	50	59178	50.87	ug/l	97
4) Vinyl Chloride	1.41	62	69269	51.09	ug/l	99
5) Bromomethane	1.64	94	89081	63.36	ug/l	96
6) Chloroethane	1.72	64	49651	58.83	ug/l	98
7) Trichlorofluoromethane	1.93	101	118810	52.82	ug/l	98
8) Diethyl Ether	2.20	74	46849	56.75	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	59484	47.35	ug/l	99
10) Methyl Iodide	2.52	142	63136	48.01	ug/l	99
11) Tert butyl alcohol	3.09	59	144380	259.18	ug/l	100
12) 1,1-Dichloroethene	2.38	96	61956	53.71	ug/l	97
13) Acrolein	2.30	56	80860	276.10	ug/l	98
14) Allyl chloride	2.73	41	114651	53.81	ug/l	99
15) Acrylonitrile	3.16	53	277671	286.42	ug/l	98
16) Acetone	2.45	43	262505	241.11	ug/l	99
17) Carbon Disulfide	2.57	76	152420	48.23	ug/l	99
18) Methyl Acetate	2.79	43	133003	57.36	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	245461	59.76	ug/l	99
20) Methylene Chloride	2.86	84	72611	55.92	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	67682	53.35	ug/l	97
22) Diisopropyl ether	3.89	45	186525	50.98	ug/l	98
23) Vinyl Acetate	3.84	43	889479	252.23	ug/l	99
24) 1,1-Dichloroethane	3.70	63	121605	54.21	ug/l	99
25) 2-Butanone	4.73	43	343819	255.89	ug/l	97
26) 2,2-Dichloropropane	4.60	77	63228	38.56	ug/l	97
27) cis-1,2-Dichloroethene	4.62	96	63726	52.98	ug/l	94
28) Bromochloromethane	5.04	49	57422	60.23	ug/l	99
29) Tetrahydrofuran	5.18	42	226448	268.34	ug/l	99
30) Chloroform	5.23	83	115301	53.17	ug/l	97
31) Cyclohexane	5.59	56	79748	48.08	ug/l	88
32) 1,1,1-Trichloroethane	5.51	97	98834	52.56	ug/l	98
36) 1,1-Dichloropropene	5.81	75	81157	48.56	ug/l	100
37) Ethyl Acetate	4.89	43	125449	51.95	ug/l	99
38) Carbon Tetrachloride	5.79	117	81960	48.46	ug/l	98

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MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Mar 09 23:33:06 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M

Quant Title : SW846 8260

QLast Update : Thu Mar 08 02:15:47 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	83017	40.49	ug/l	97
40) Benzene	6.15	78	247083	51.27	ug/l	98
41) Methacrylonitrile	5.07	41	63369	51.48	ug/l	99
42) 1,2-Dichloroethane	6.21	62	102643	54.30	ug/l	99
43) Isopropyl Acetate	6.48	43	188018	53.85	ug/l	99
44) Trichloroethene	7.22	130	66415	48.14	ug/l	96
45) 1,2-Dichloropropane	7.53	63	65519	53.67	ug/l	93
46) Dibromomethane	7.67	93	50755	52.55	ug/l	99
47) Bromodichloromethane	7.91	83	92671	54.55	ug/l	97
48) Methyl methacrylate	7.79	41	92300	53.67	ug/l	97
49) 1,4-Dioxane	7.77	88	40920	1048.09	ug/l	97
51) 4-Methyl-2-Pentanone	8.67	43	734574	278.73	ug/l	99
52) Toluene	8.79	92	172413	52.19	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	101308	50.61	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	101905	52.62	ug/l	96
55) 1,1,2-Trichloroethane	9.23	97	76208	56.96	ug/l	99
56) Ethyl methacrylate	9.20	69	115812	57.84	ug/l	96
57) 1,3-Dichloropropane	9.38	76	121676	54.16	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	286407	283.32	ug/l	99
59) 2-Hexanone	9.51	43	618001	275.01	ug/l	100
60) Dibromochloromethane	9.59	129	77475	54.92	ug/l	99
61) 1,2-Dibromoethane	9.68	107	83818	56.42	ug/l	97
64) Tetrachloroethene	9.34	164	67061	48.86	ug/l	96
65) Chlorobenzene	10.15	112	200120	50.52	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	70726	52.22	ug/l	99
67) Ethyl Benzene	10.26	91	336492	48.67	ug/l	98
68) m/p-Xylenes	10.37	106	265757	99.88	ug/l	98
69) o-Xylene	10.71	106	130458	51.01	ug/l	99
70) Styrene	10.72	104	220469	51.97	ug/l	99
71) Bromoform	10.87	173	60606	44.21	ug/l #	100
73) Isopropylbenzene	11.02	105	341431	47.32	ug/l	100
74) N-amyl acetate	6.48	43	188018	50.93	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.28	83	137133	54.21	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	153253	66.34	ug/l	84
77) Bromobenzene	11.26	156	89670	48.07	ug/l	96
78) n-propylbenzene	11.37	91	399211	47.01	ug/l	99
79) 2-Chlorotoluene	11.43	91	237032	49.48	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	297889	49.45	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	33714	44.69	ug/l	95
82) 4-Chlorotoluene	11.52	91	289498	49.71	ug/l	98
83) tert-Butylbenzene	11.78	119	284635	48.56	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	308579	49.81	ug/l	99
85) sec-Butylbenzene	11.96	105	353223	47.64	ug/l	99
86) p-Isopropyltoluene	12.07	119	317819	48.61	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	172411	48.61	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	181025	48.70	ug/l	99
89) n-Butylbenzene	12.40	91	293862	46.67	ug/l	100
90) Hexachloroethane	12.60	117	48840	46.36	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	174177	49.60	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	36731	51.71	ug/l	93

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX030918\
Quantitation Report (Not Reviewed)

Data File : VX000267.D
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Sample : VSTDCCC050
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ClientSampleId :
VSTDCCC050EC

Quant Time: Mar 09 23:33:06 2018
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Quant Title : SW846 8260
QLast Update : Thu Mar 08 02:15:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	123527	48.36	ug/l	99
94) Hexachlorobutadiene	13.79	225	43171	40.61	ug/l	99
95) Naphthalene	13.84	128	480387	53.89	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	125536	49.68	ug/l	98

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

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Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 1 Sample Multiplier: 1

Instrument :

MSVOA_X

Client Sample ID :

VSTDCCC050EC

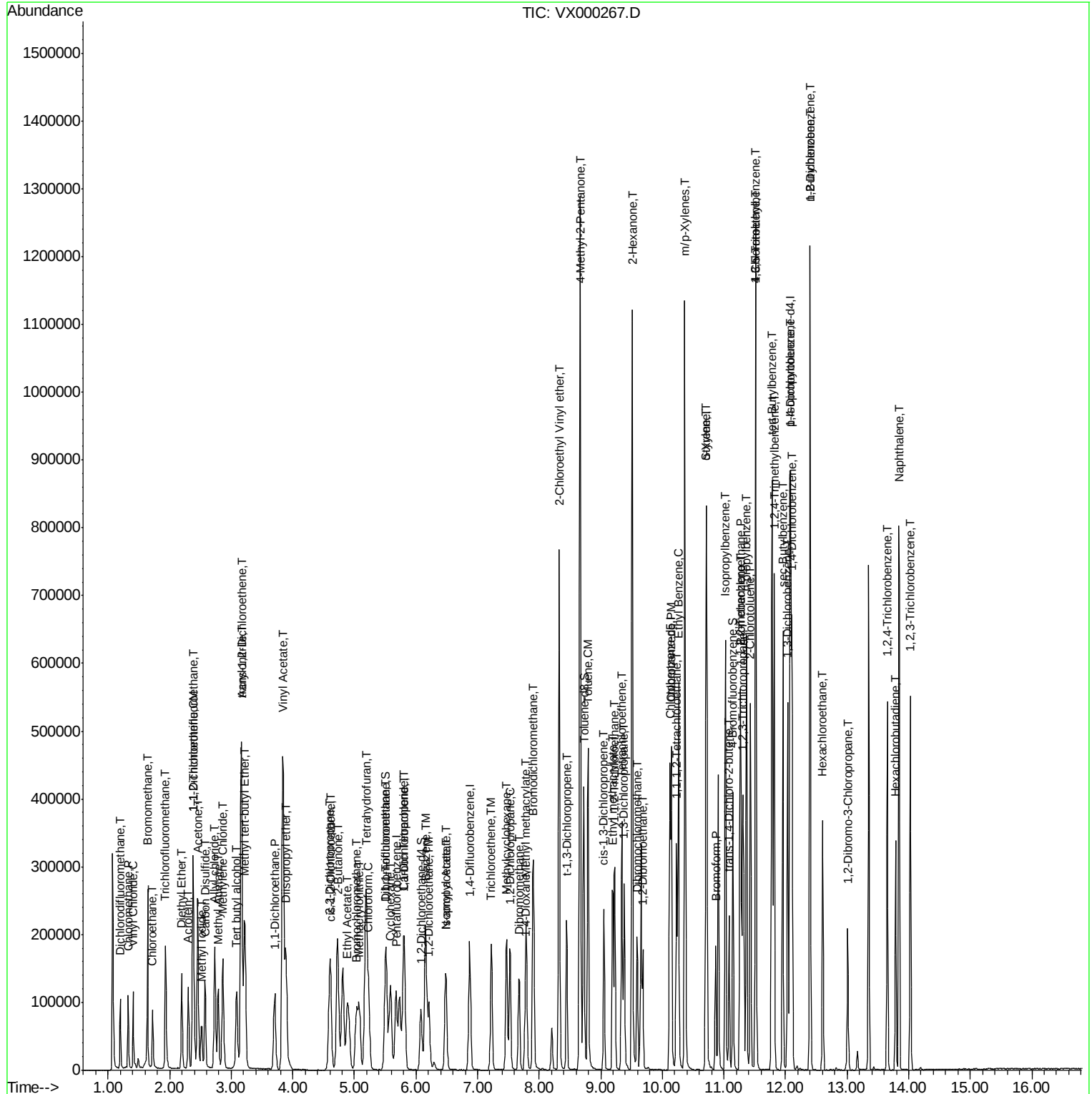
Quant Time: Mar 09 23:33:06 2018

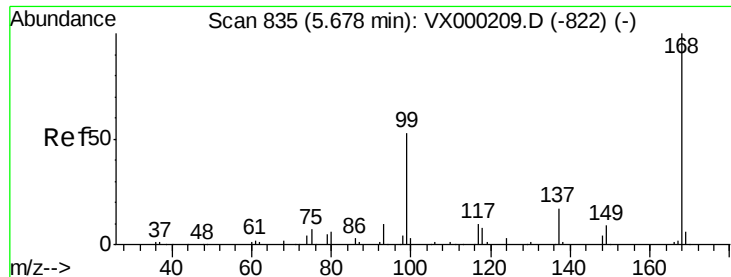
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M

Quant Title : SW846 8260

QLast Update : Thu Mar 08 02:15:47 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

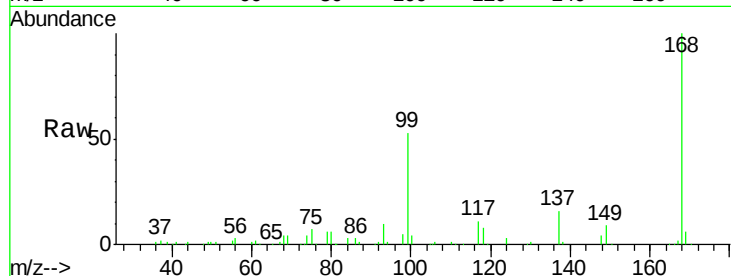
VSTDCCC050EC

Tgt Ion:168 Resp: 109364

Ion Ratio Lower Upper

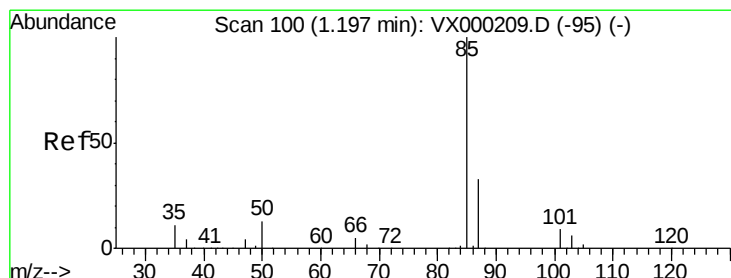
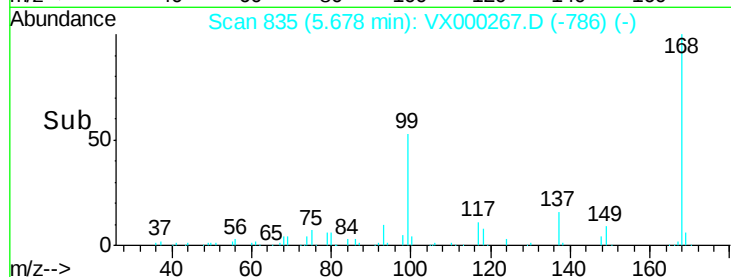
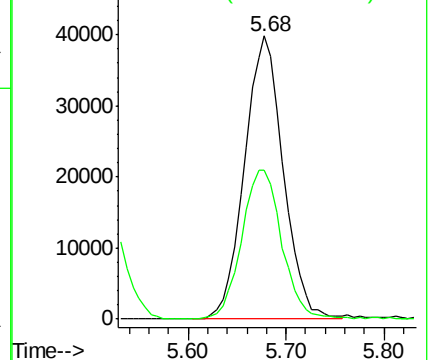
168 100

99 52.7 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 42.90 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000267.D

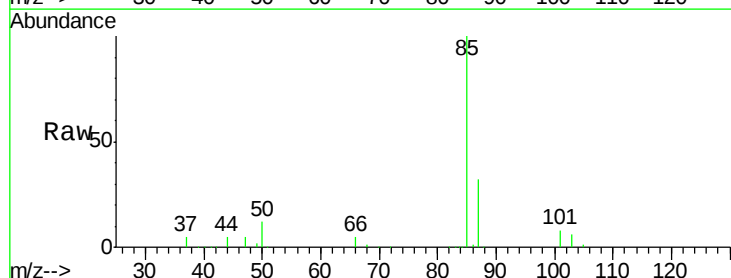
Acq: 09 Mar 2018 20:15

Tgt Ion: 85 Resp: 51122

Ion Ratio Lower Upper

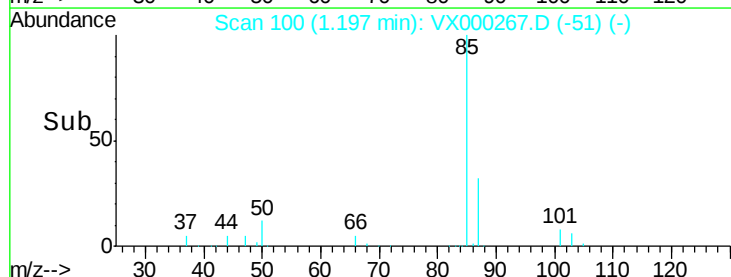
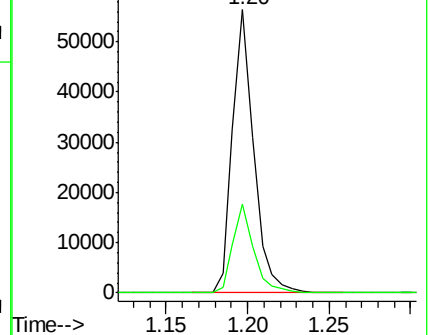
85 100

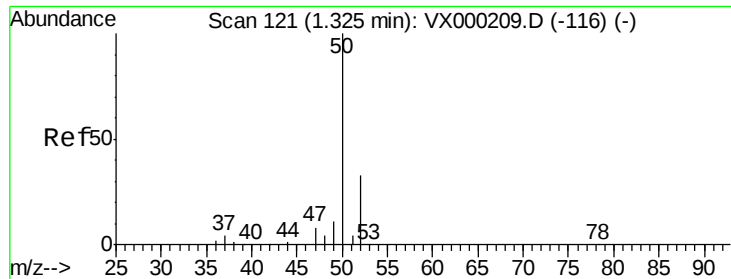
87 31.6 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 50.87 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

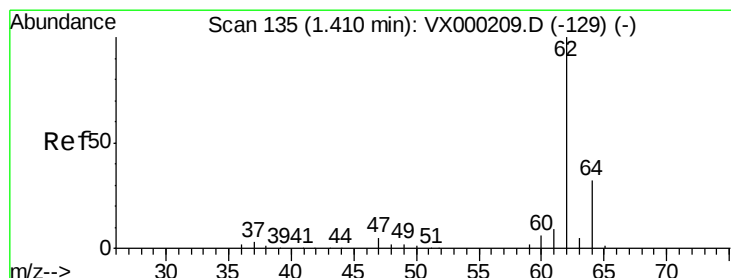
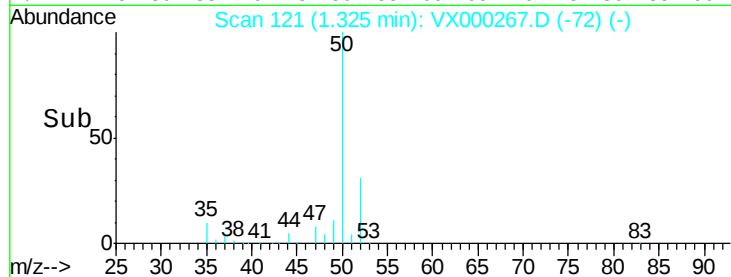
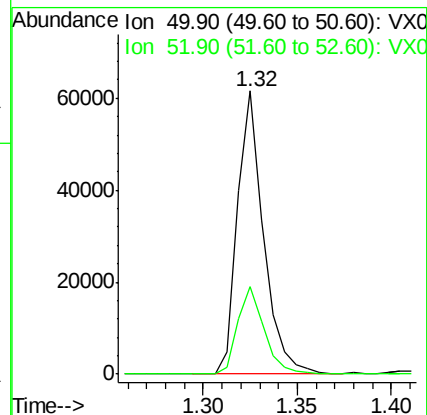
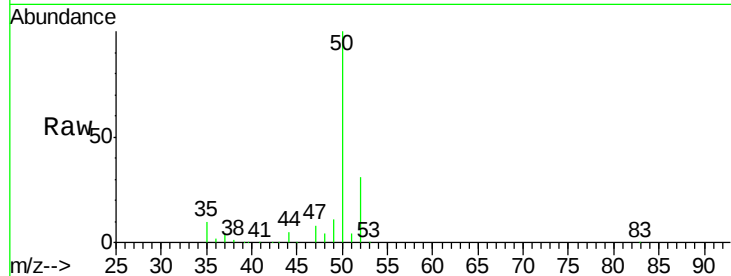
VSTDCCC050EC

Tgt Ion: 50 Resp: 59178

Ion Ratio Lower Upper

50 100

52 30.9 26.2 39.2



#4

Vinyl Chloride

Concen: 51.09 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000267.D

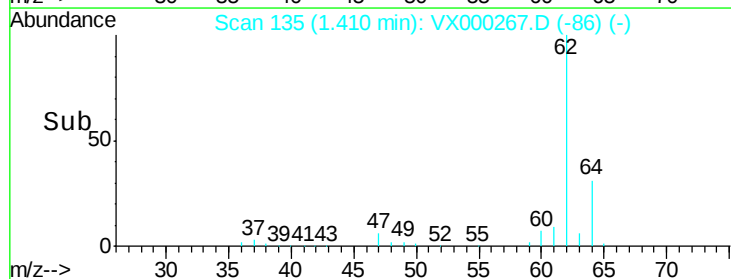
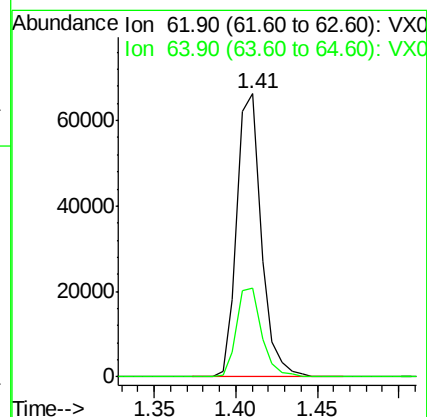
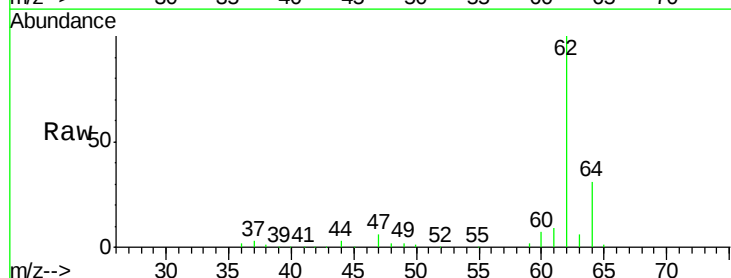
Acq: 09 Mar 2018 20:15

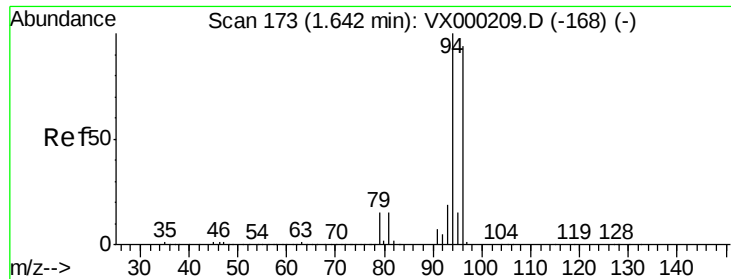
Tgt Ion: 62 Resp: 69269

Ion Ratio Lower Upper

62 100

64 31.5 25.7 38.5





#5

Bromomethane

Concen: 63.36 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

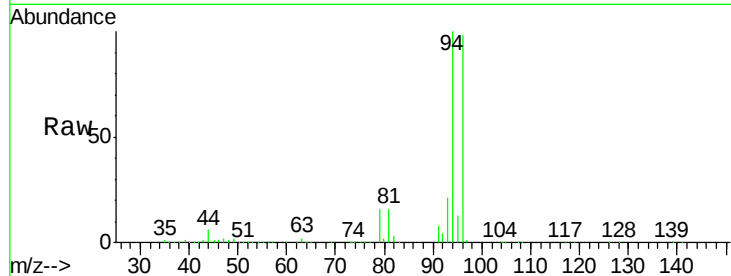
VSTDCCC050EC

Tgt Ion: 94 Resp: 89081

Ion Ratio Lower Upper

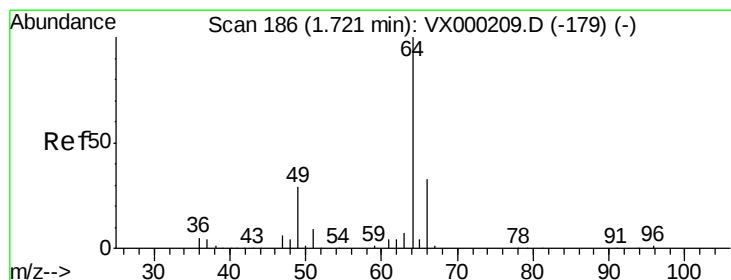
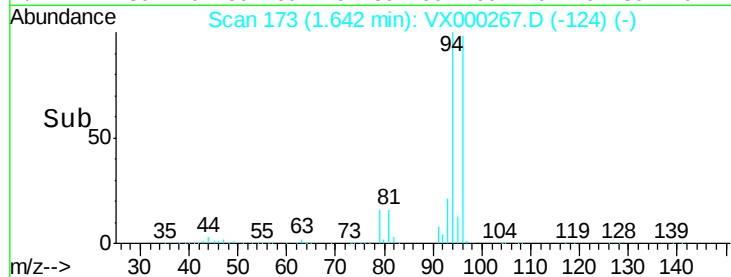
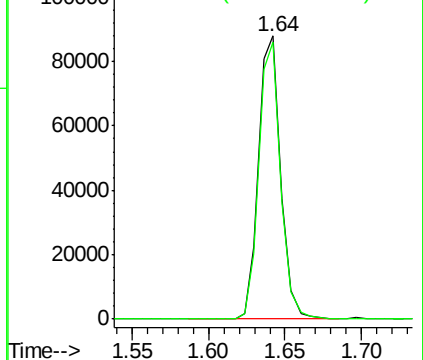
94 100

96 98.0 75.3 112.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 58.83 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX000267.D

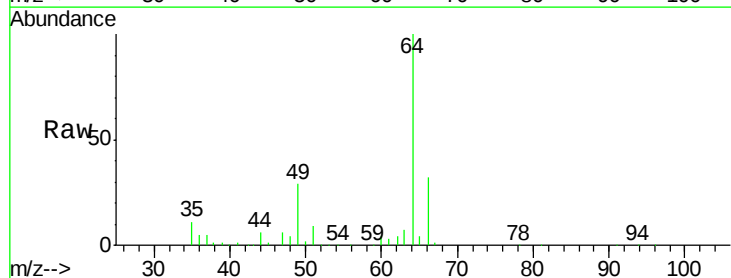
Acq: 09 Mar 2018 20:15

Tgt Ion: 64 Resp: 49651

Ion Ratio Lower Upper

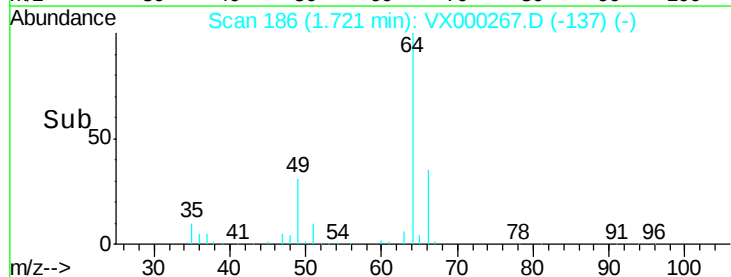
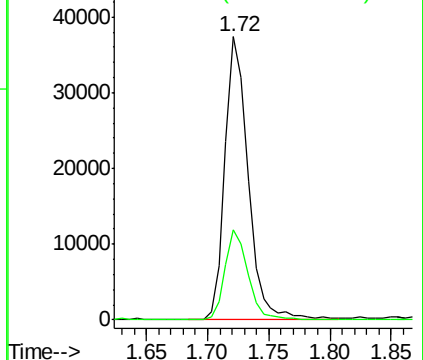
64 100

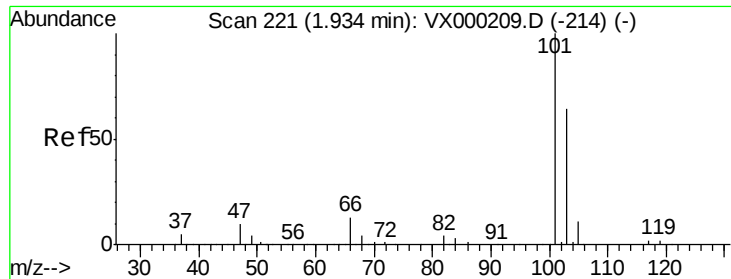
66 31.9 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



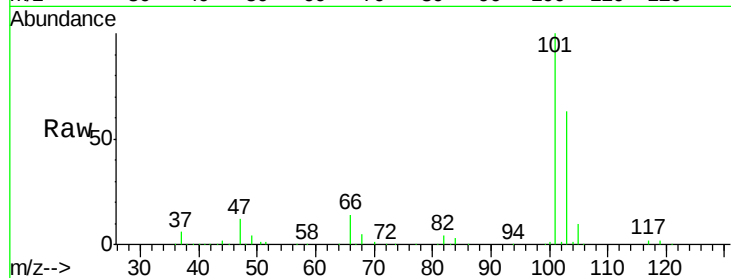


#7

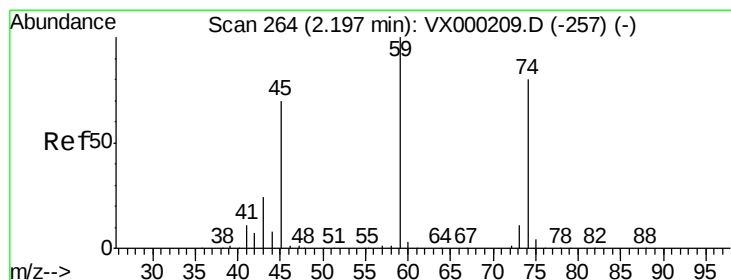
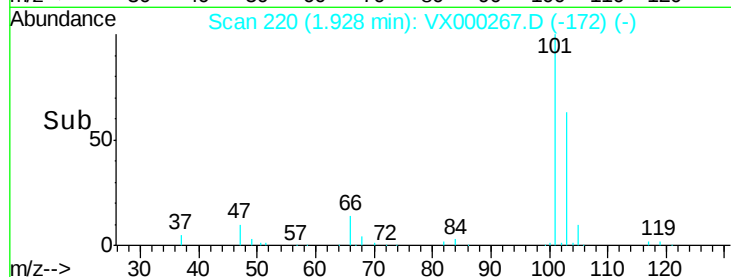
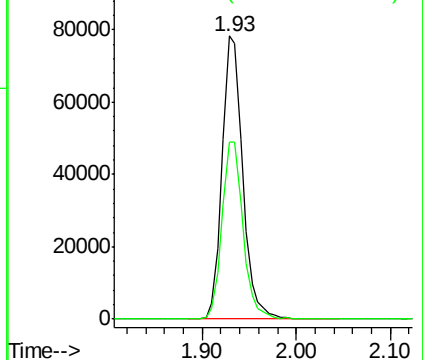
Trichlorofluoromethane
 Concen: 52.82 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VX000267.D
 Acq: 09 Mar 2018 20:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:101 Resp: 118810
 Ion Ratio Lower Upper
 101 100
 103 62.7 51.2 76.8



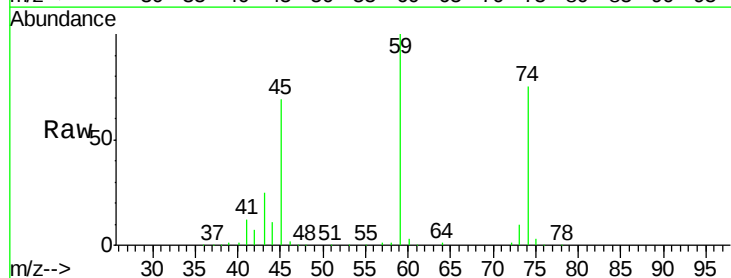
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



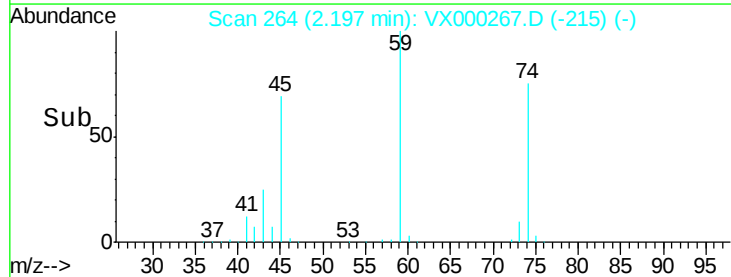
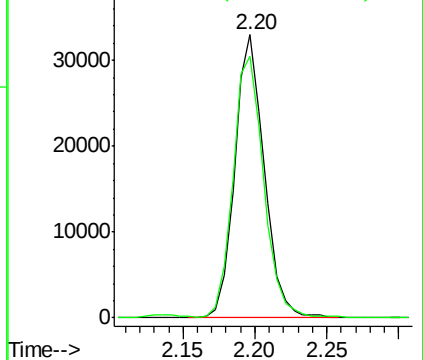
#8

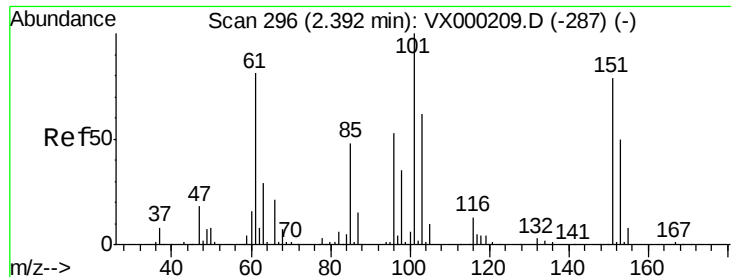
Diethyl Ether
 Concen: 56.75 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. 0.00 min
 Lab File: VX000267.D
 Acq: 09 Mar 2018 20:15

Tgt Ion: 74 Resp: 46849
 Ion Ratio Lower Upper
 74 100
 45 97.3 47.2 141.6



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.35 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Instrument :

MSVOA_X

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VSTDCCC050EC

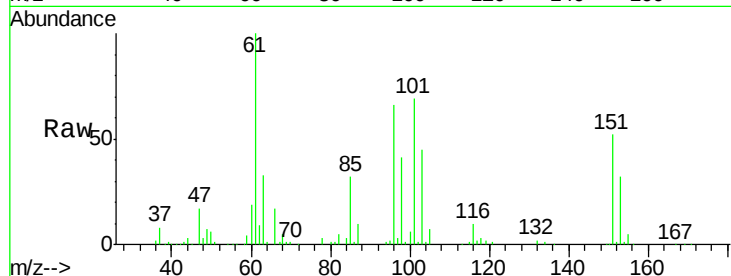
Tgt Ion:101 Resp: 59484

Ion Ratio Lower Upper

101 100

85 48.9 38.3 57.5

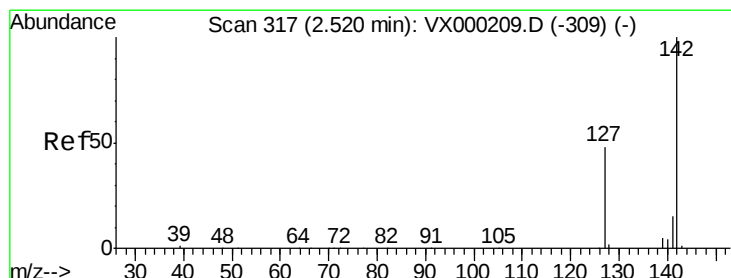
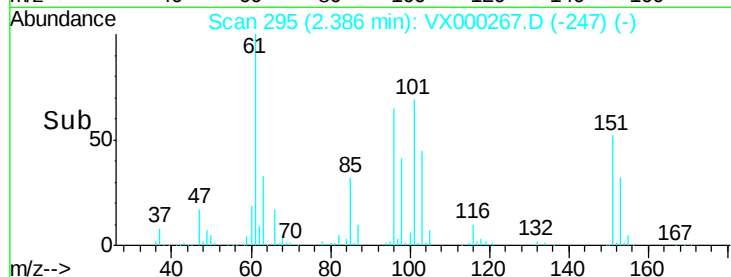
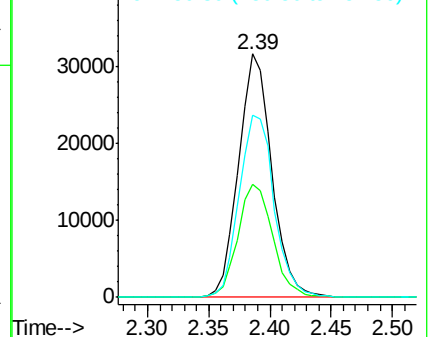
151 79.0 62.8 94.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.01 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.00 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

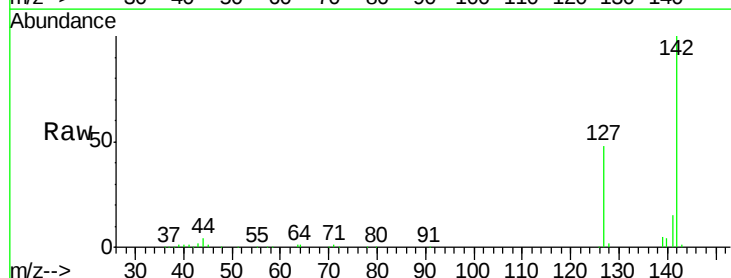
Tgt Ion:142 Resp: 63136

Ion Ratio Lower Upper

142 100

127 49.7 39.0 58.6

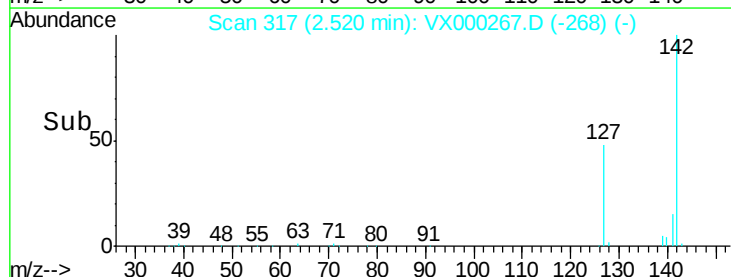
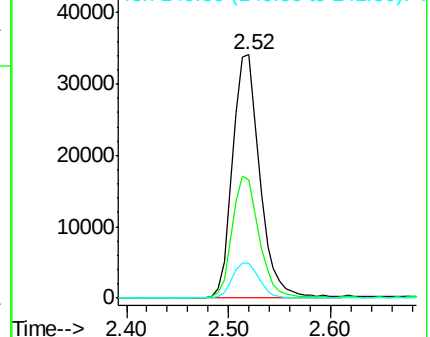
141 14.4 11.6 17.4

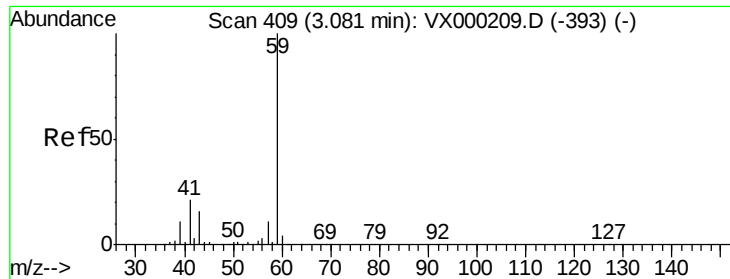


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

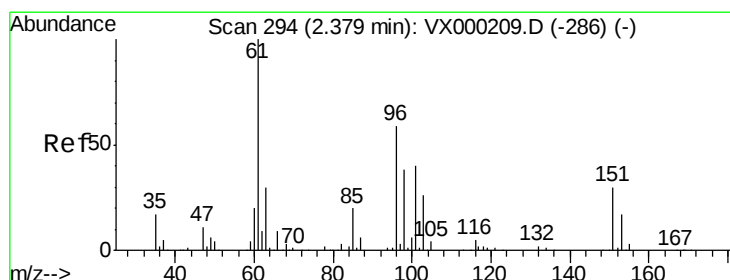
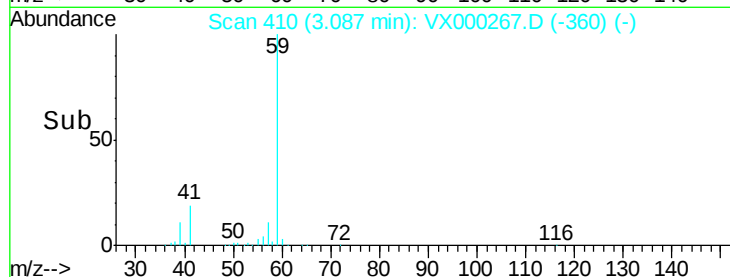
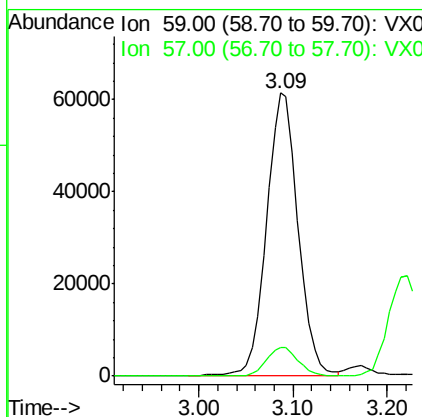
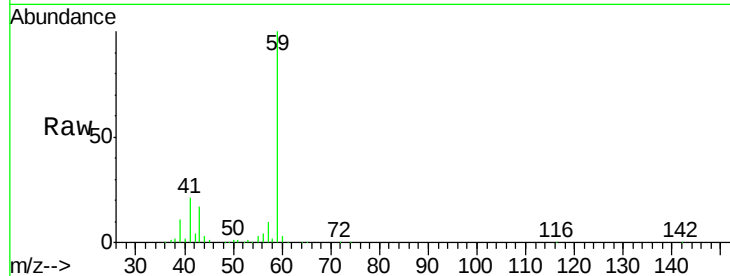




#11
Tert butyl alcohol
Concen: 259.18 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

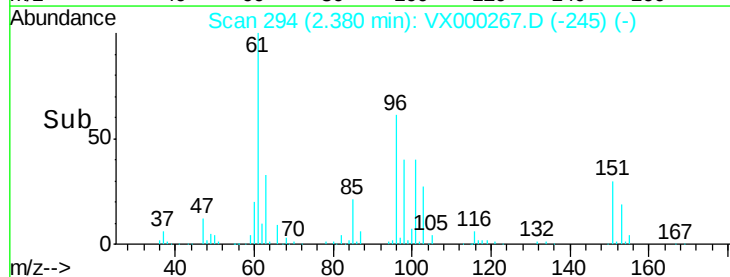
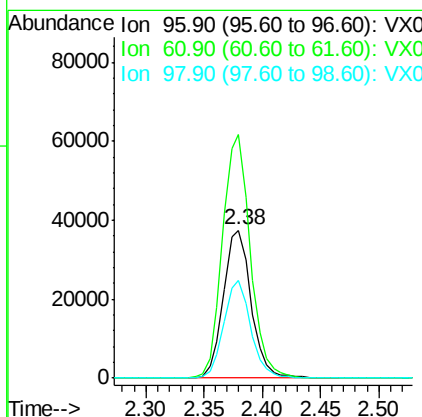
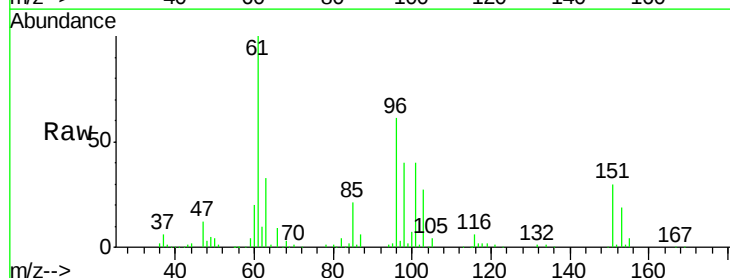
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

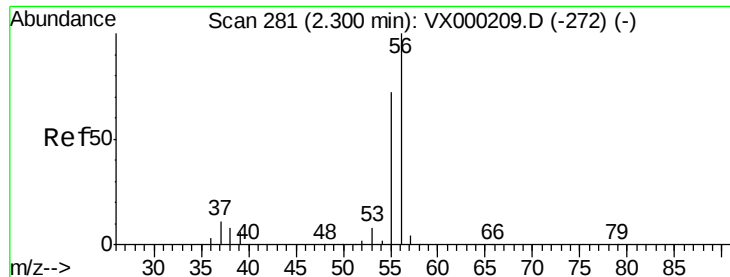
Tgt Ion: 59 Resp: 144380
Ion Ratio Lower Upper
59 100
57 10.5 8.4 12.6



#12
1,1-Dichloroethene
Concen: 53.71 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Tgt Ion: 96 Resp: 61956
Ion Ratio Lower Upper
96 100
61 164.8 135.8 203.6
98 66.1 51.1 76.7

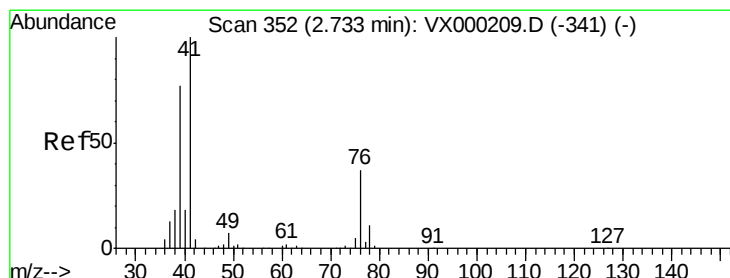
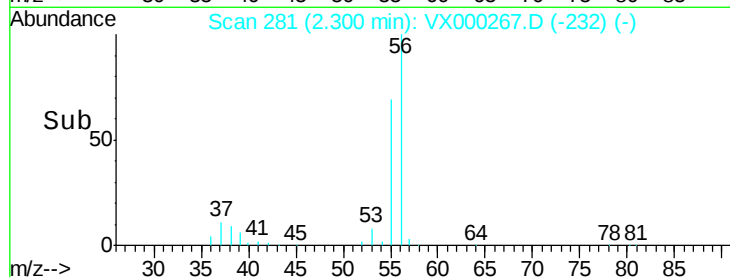
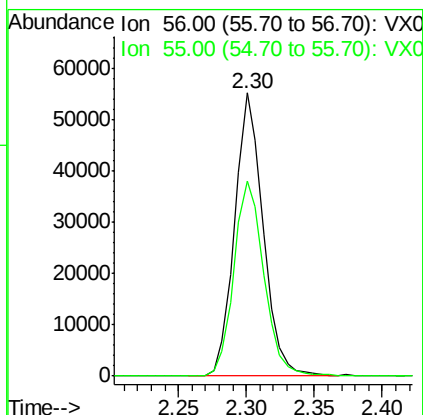
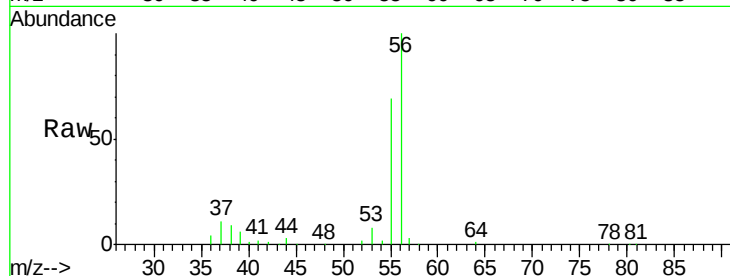




#13
 Acrolein
 Concen: 276.10 ug/l
 RT: 2.30 min Scan# 281
 Delta R.T. 0.00 min
 Lab File: VX000267.D
 Acq: 09 Mar 2018 20:15

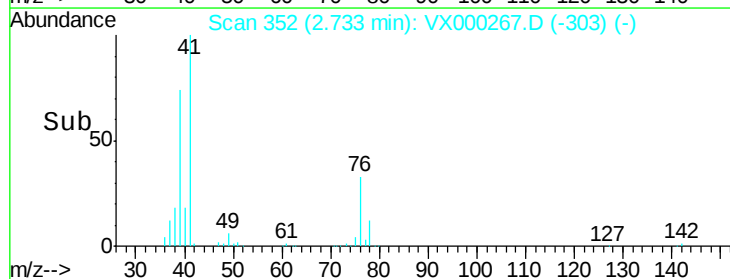
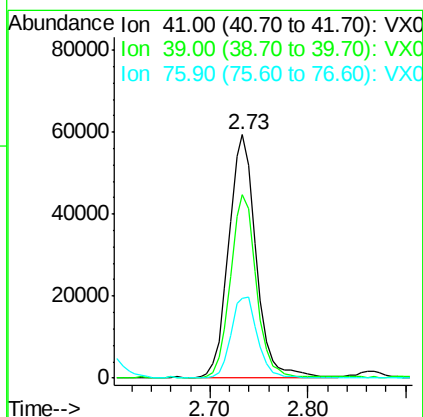
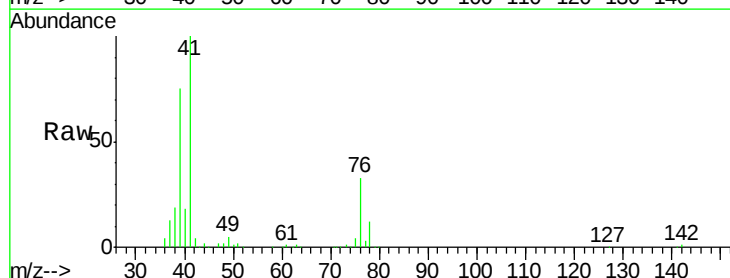
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

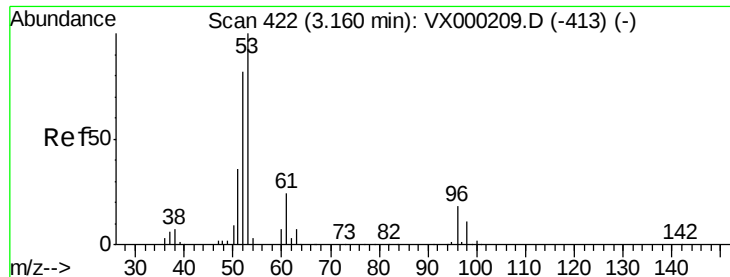
Tgt Ion: 56 Resp: 80860
 Ion Ratio Lower Upper
 56 100
 55 72.5 59.2 88.8



#14
 Allyl chloride
 Concen: 53.81 ug/l
 RT: 2.73 min Scan# 352
 Delta R.T. 0.00 min
 Lab File: VX000267.D
 Acq: 09 Mar 2018 20:15

Tgt Ion: 41 Resp: 114651
 Ion Ratio Lower Upper
 41 100
 39 70.9 57.0 85.6
 76 32.4 26.8 40.2





#15

Acrylonitrile

Concen: 286.42 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

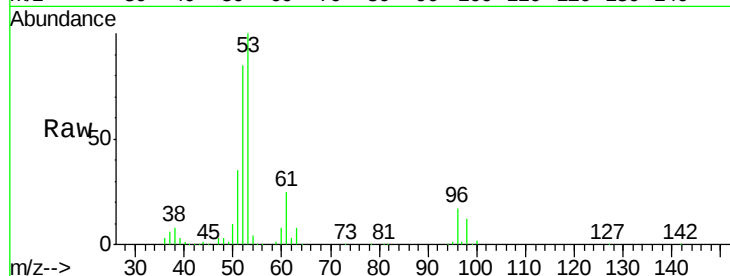
Tgt Ion: 53 Resp: 277671

Ion Ratio Lower Upper

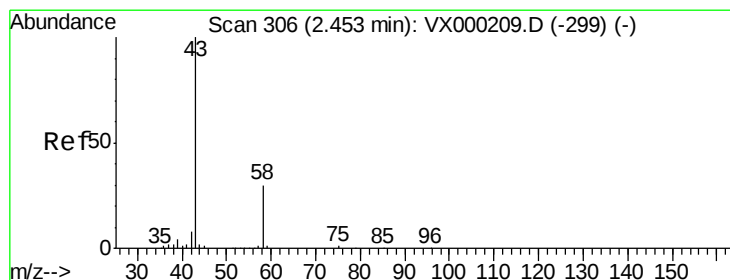
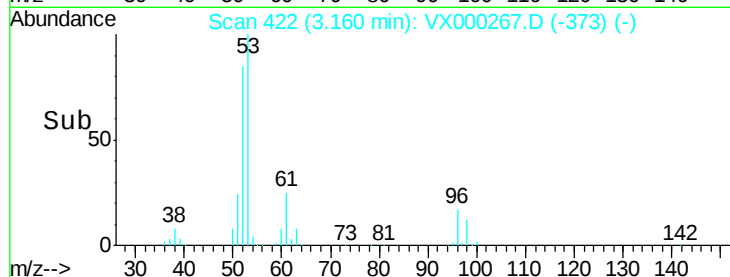
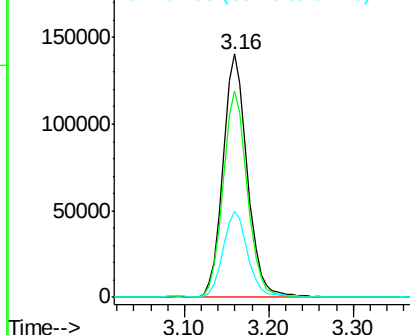
53 100

52 84.3 66.3 99.5

51 36.2 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 241.11 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000267.D

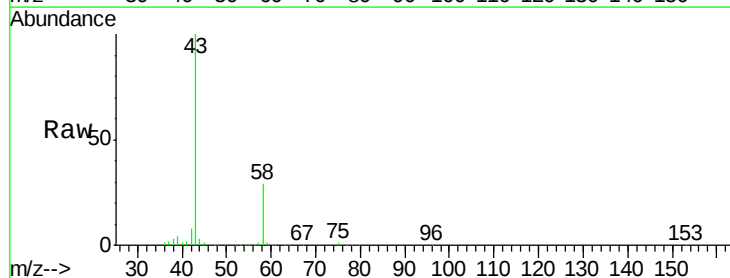
Acq: 09 Mar 2018 20:15

Tgt Ion: 43 Resp: 262505

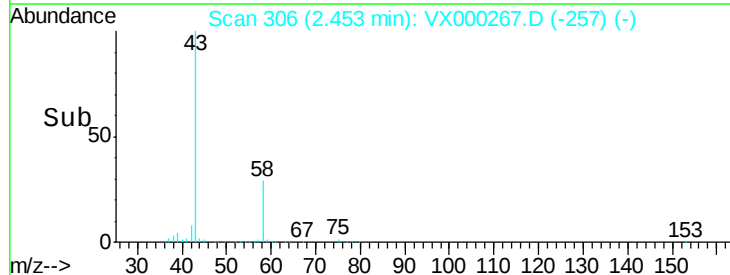
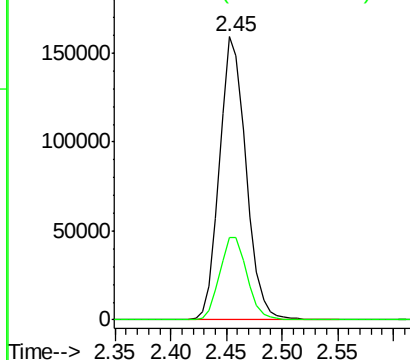
Ion Ratio Lower Upper

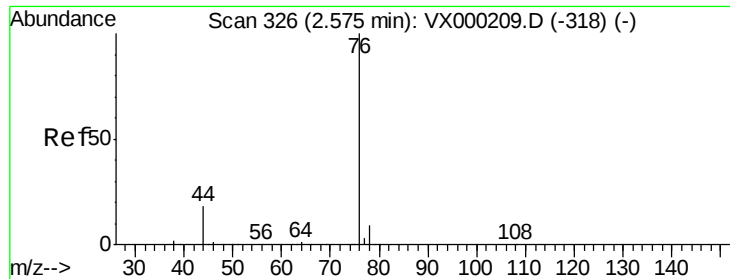
43 100

58 29.3 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

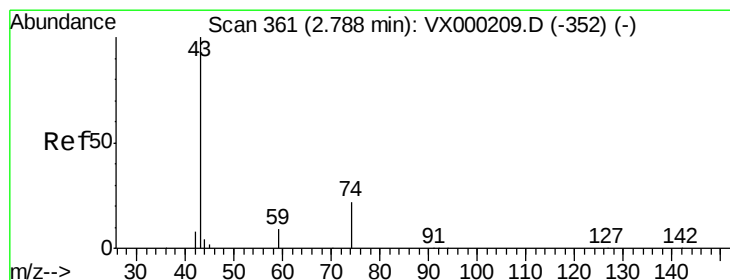
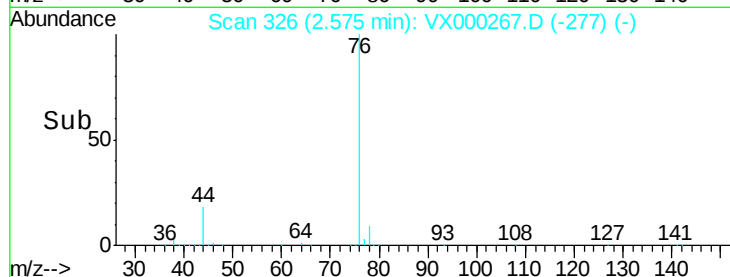
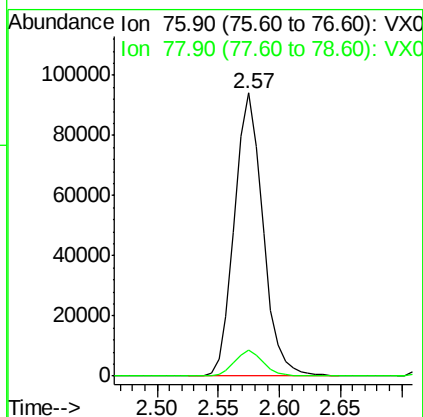
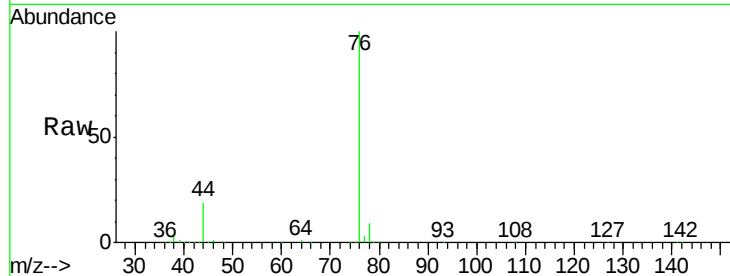




#17
Carbon Disulfide
Concen: 48.23 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

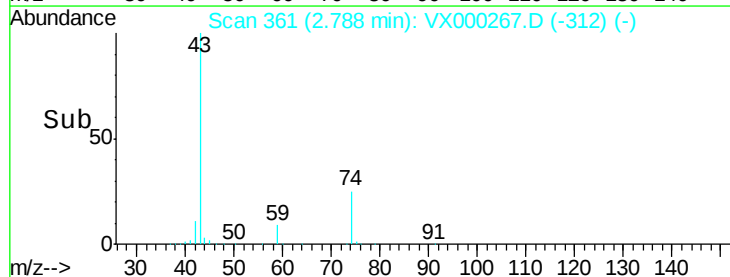
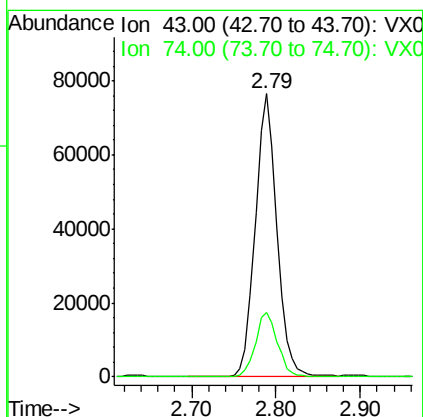
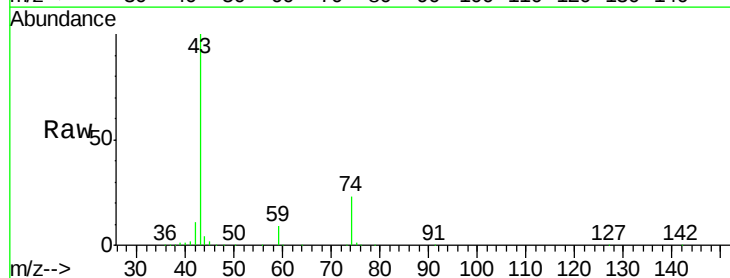
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

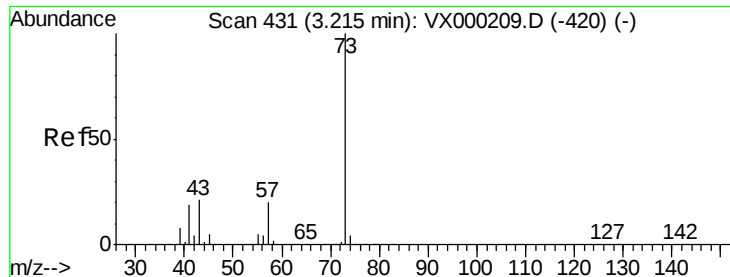
Tgt Ion: 76 Resp: 152420
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#18
Methyl Acetate
Concen: 57.36 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.00 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Tgt Ion: 43 Resp: 133003
Ion Ratio Lower Upper
43 100
74 23.7 18.9 28.3





#19

Methyl tert-butyl Ether

Concen: 59.76 ug/l

RT: 3.21 min Scan# 431

Delta R.T. 0.00 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

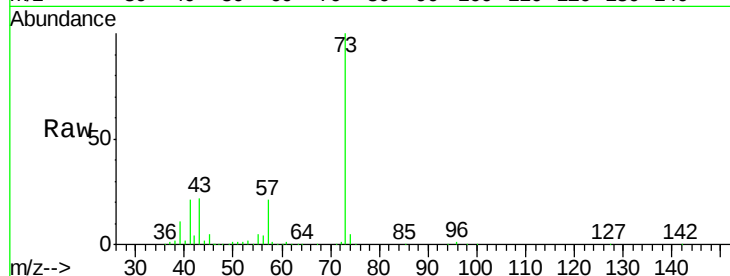
VSTDCCC050EC

Tgt Ion: 73 Resp: 245461

Ion Ratio Lower Upper

73 100

57 20.8 16.3 24.5



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

120000

100000

80000

60000

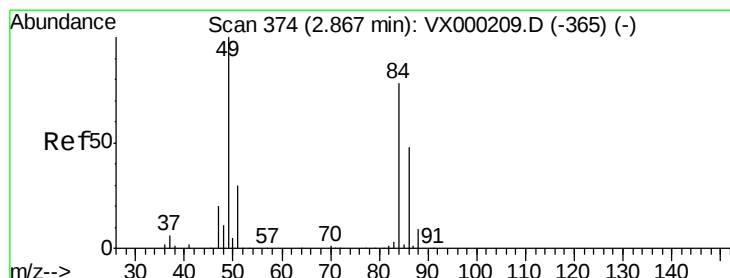
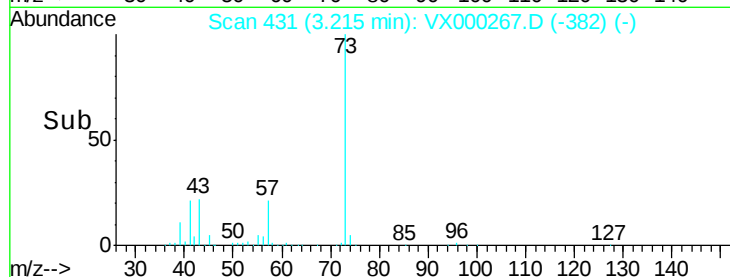
40000

20000

0

3.10 3.20 3.30

Time-->



#20

Methylene Chloride

Concen: 55.92 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.01 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Tgt Ion: 84 Resp: 72611

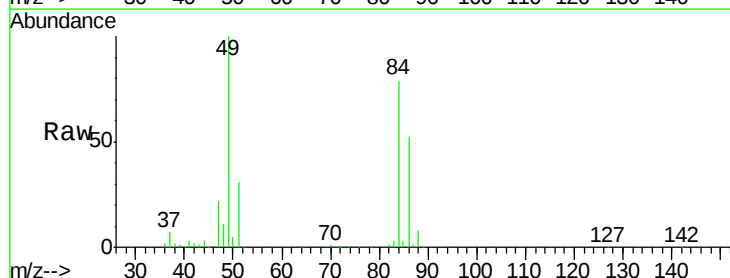
Ion Ratio Lower Upper

84 100

49 126.8 102.1 153.1

51 39.5 30.6 45.8

86 65.4 49.0 73.6



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

60000

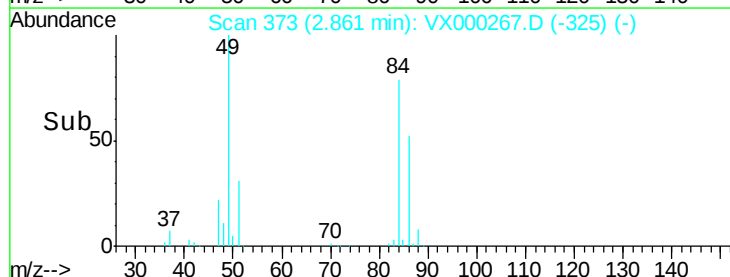
40000

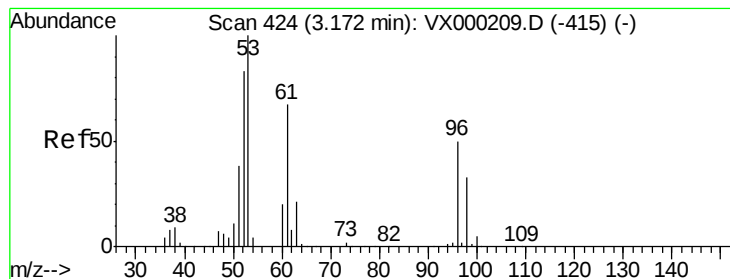
20000

0

2.75 2.80 2.85 2.90 2.95

Time-->





#21

trans-1,2-Dichloroethene

Concen: 53.35 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

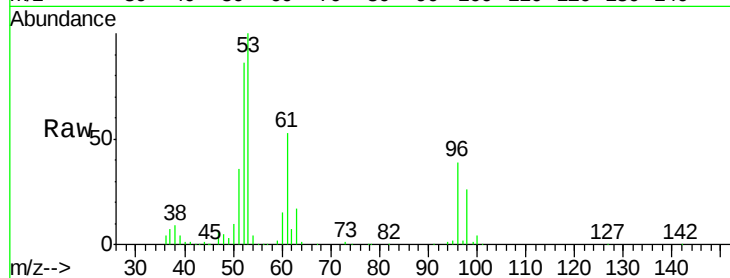
Tgt Ion: 96 Resp: 67682

Ion Ratio Lower Upper

96 100

61 137.5 107.0 160.4

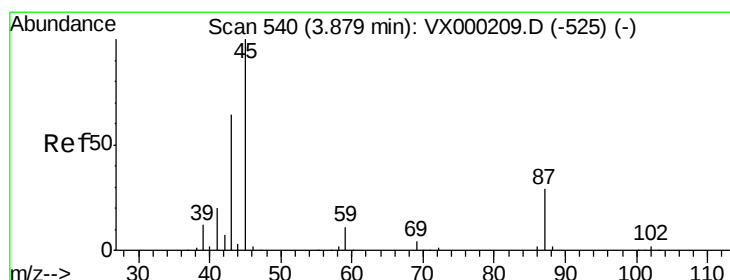
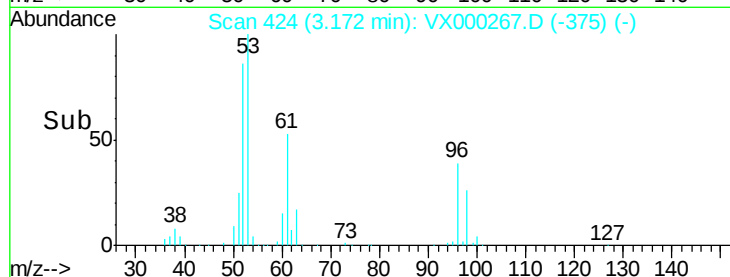
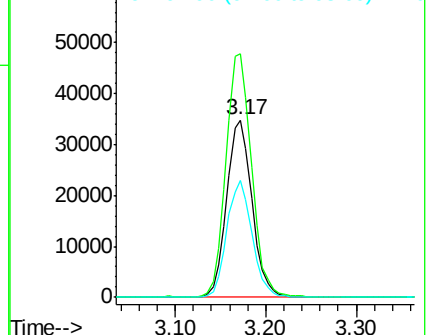
98 66.1 51.8 77.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.98 ug/l

RT: 3.89 min Scan# 541

Delta R.T. 0.01 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Tgt Ion: 45 Resp: 186525

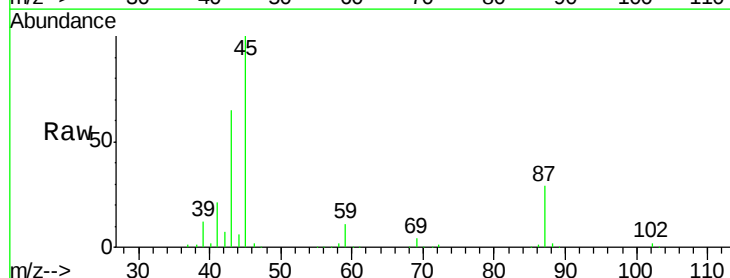
Ion Ratio Lower Upper

45 100

43 65.0 53.5 80.3

87 29.2 23.3 34.9

59 11.0 9.0 13.6

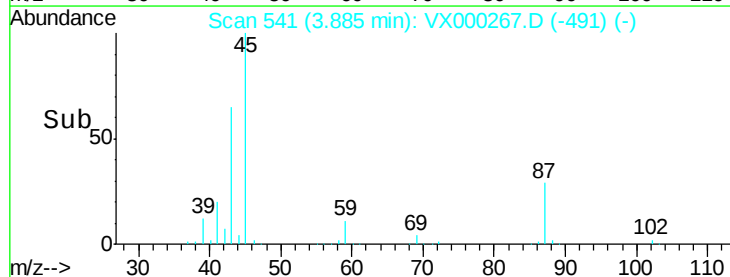
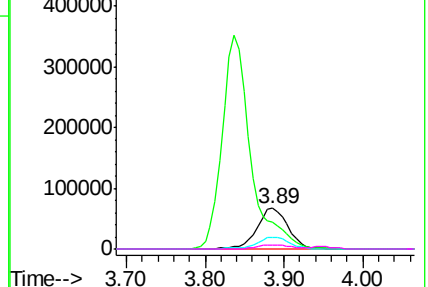


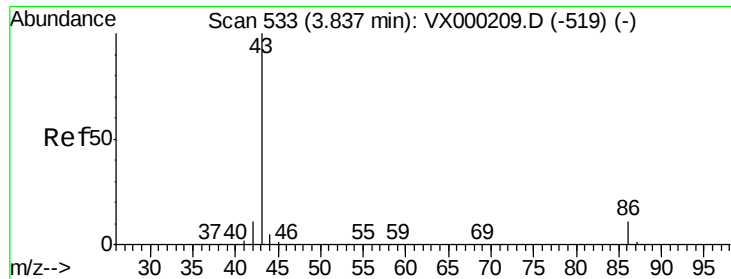
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

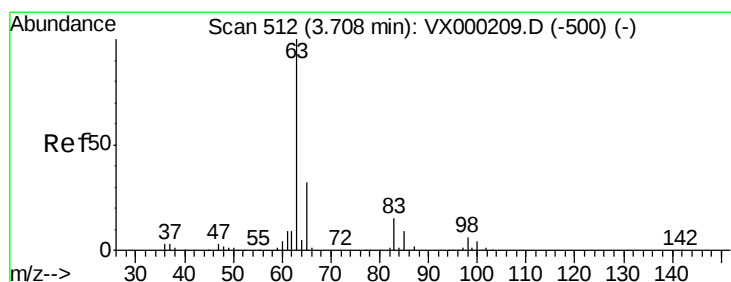
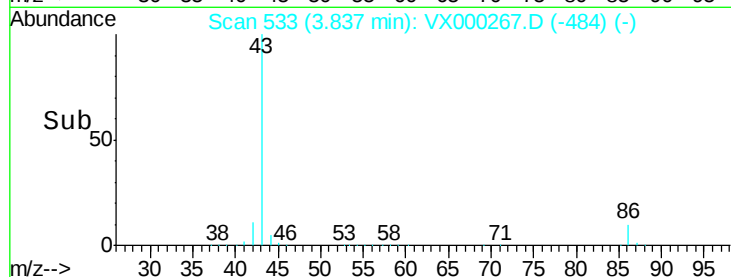
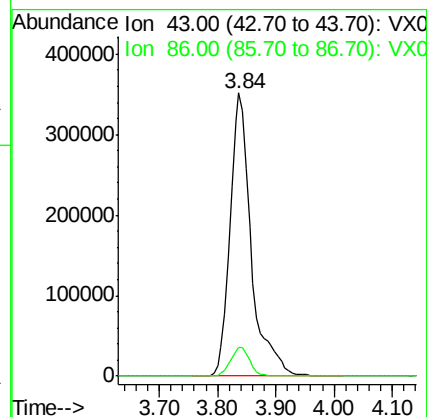
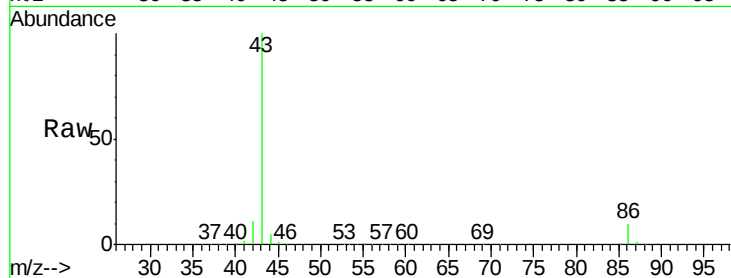




#23
 Vinyl Acetate
 Concen: 252.23 ug/l
 RT: 3.84 min Scan# 533
 Delta R.T. 0.00 min
 Lab File: VX000267.D
 Acq: 09 Mar 2018 20:15

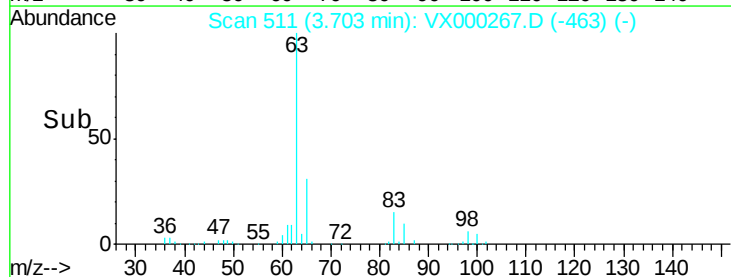
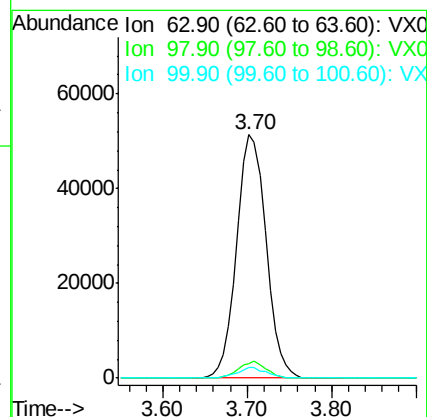
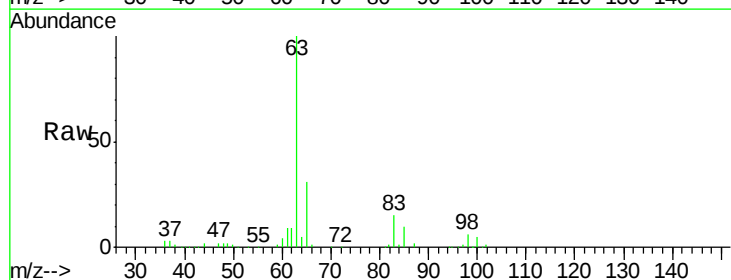
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

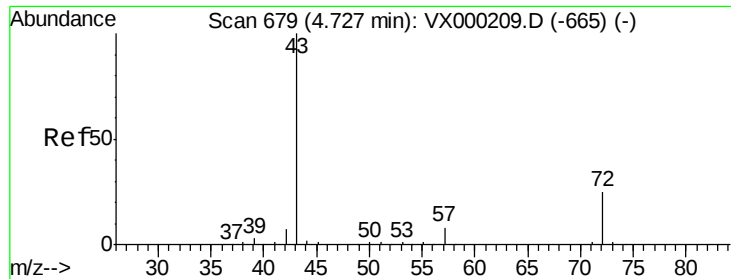
Tgt Ion: 43 Resp: 889479
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 54.21 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: VX000267.D
 Acq: 09 Mar 2018 20:15

Tgt Ion: 63 Resp: 121605
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.1 9.4
 100 4.6 2.2 6.6





#25

2-Butanone

Concen: 255.89 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

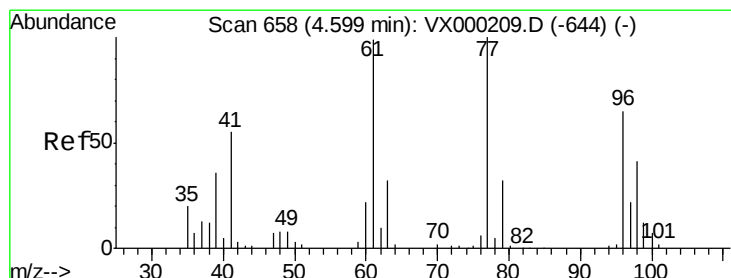
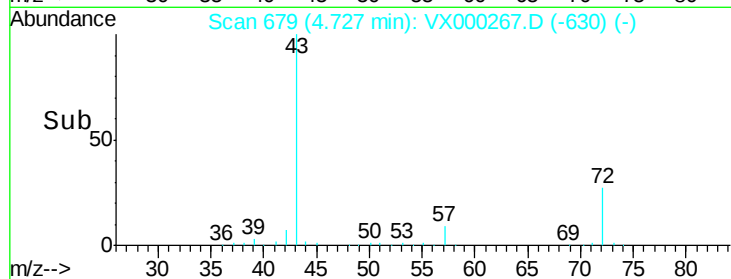
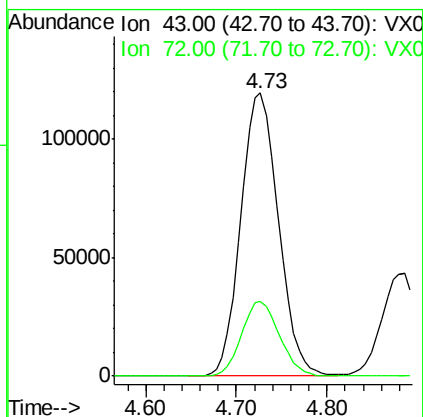
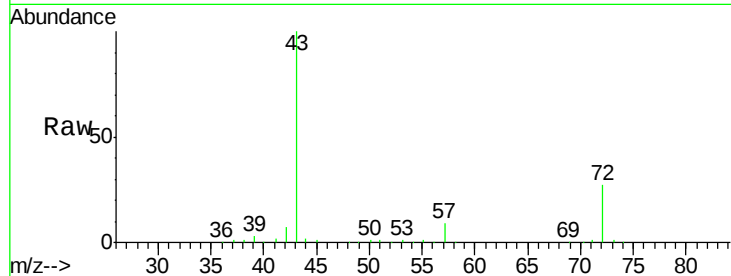
VSTDCCC050EC

Tgt Ion: 43 Resp: 343819

Ion Ratio Lower Upper

43 100

72 26.6 20.2 30.2



#26

2,2-Dichloropropane

Concen: 38.56 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX000267.D

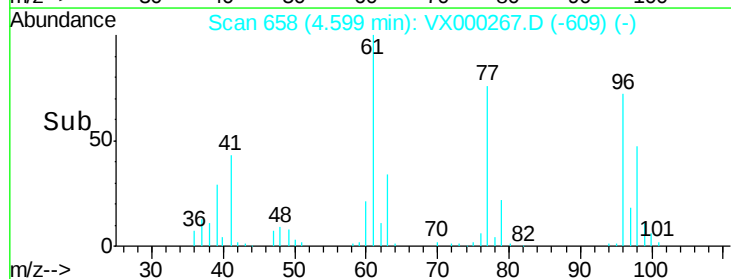
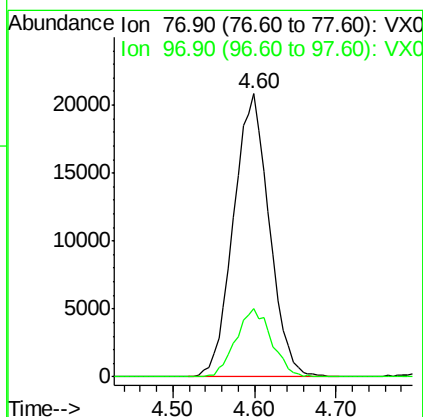
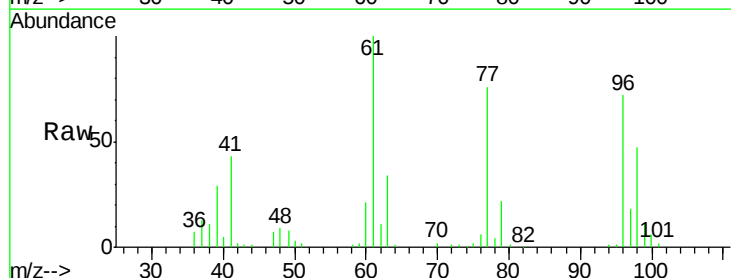
Acq: 09 Mar 2018 20:15

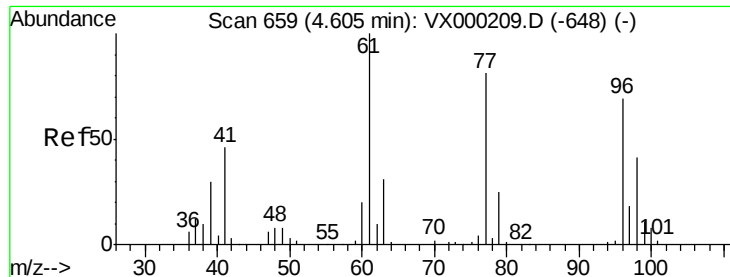
Tgt Ion: 77 Resp: 63228

Ion Ratio Lower Upper

77 100

97 24.1 11.4 34.1



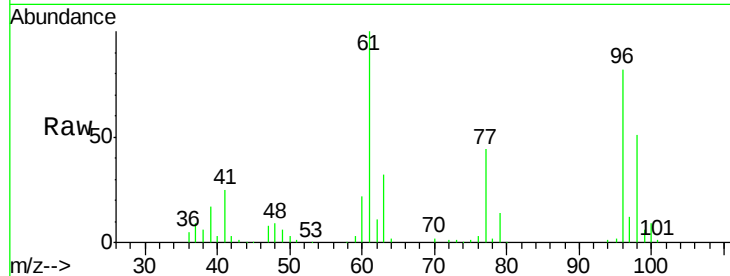


#27

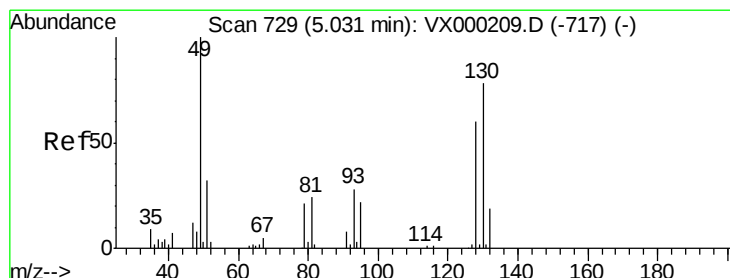
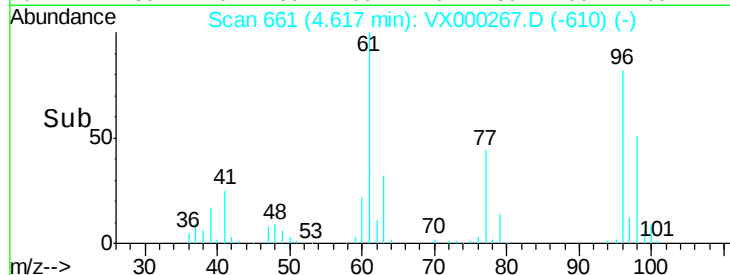
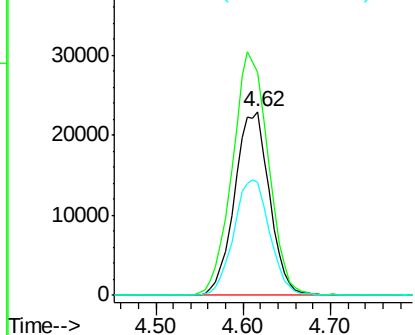
cis-1,2-Dichloroethene
Concen: 52.98 ug/l
RT: 4.62 min Scan# 661
Delta R.T. 0.01 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 63726
Ion Ratio Lower Upper
96 100
61 136.9 0.0 296.4
98 64.8 0.0 130.6



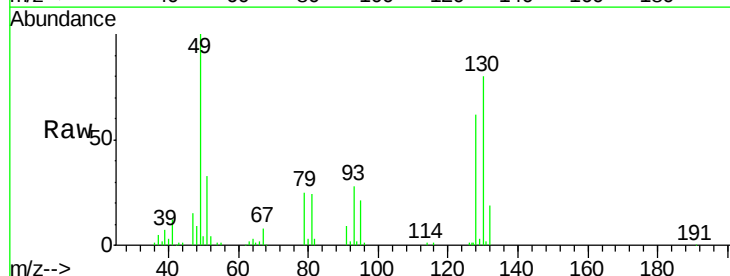
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



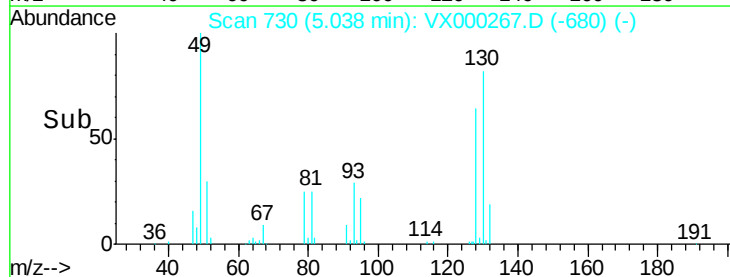
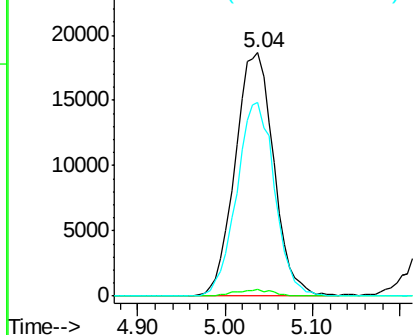
#28

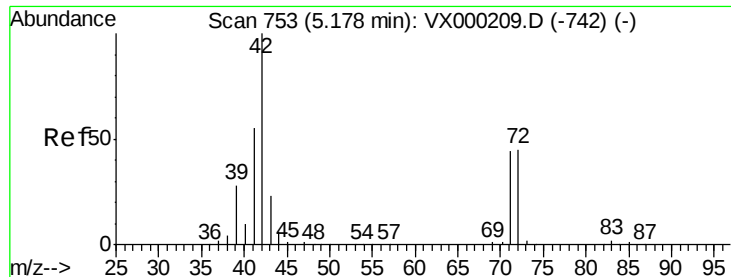
Bromochloromethane
Concen: 60.23 ug/l
RT: 5.04 min Scan# 730
Delta R.T. 0.01 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Tgt Ion: 49 Resp: 57422
Ion Ratio Lower Upper
49 100
129 2.5 0.0 5.0
130 78.0 63.5 95.3



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





#29

Tetrahydrofuran

Concen: 268.34 ug/l

RT: 5.18 min Scan# 754

Delta R.T. 0.01 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

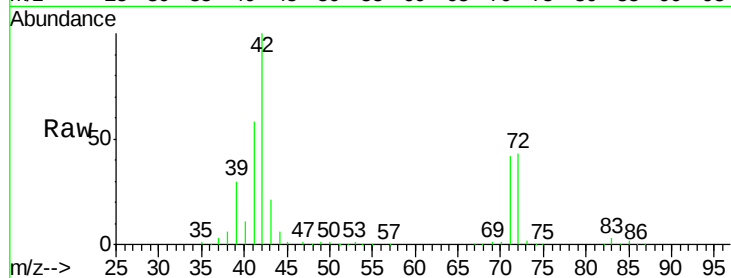
Tgt Ion: 42 Resp: 226448

Ion Ratio Lower Upper

42 100

72 45.6 37.3 55.9

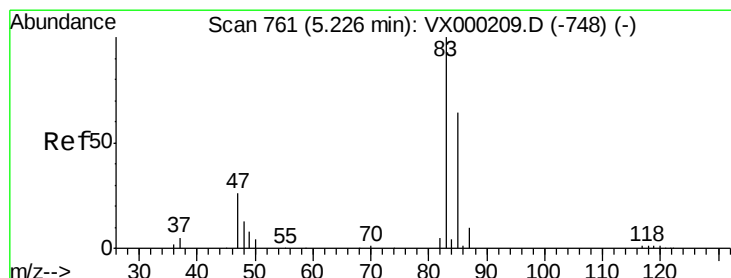
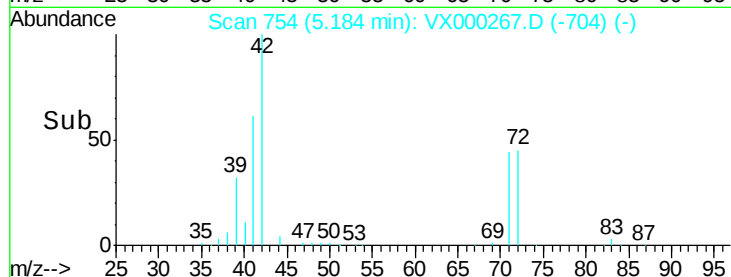
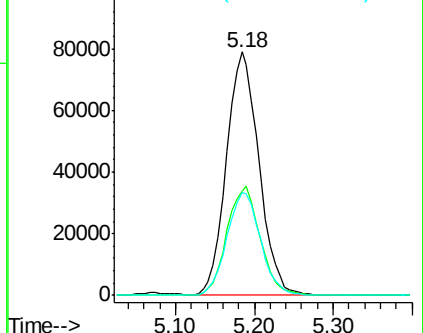
71 43.6 35.0 52.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 53.17 ug/l

RT: 5.23 min Scan# 762

Delta R.T. 0.01 min

Lab File: VX000267.D

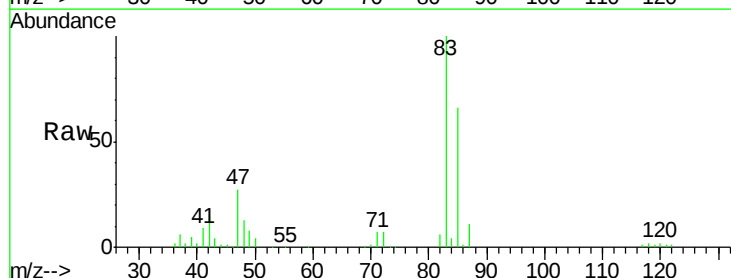
Acq: 09 Mar 2018 20:15

Tgt Ion: 83 Resp: 115301

Ion Ratio Lower Upper

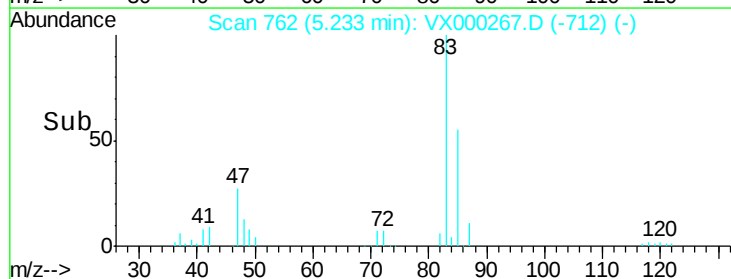
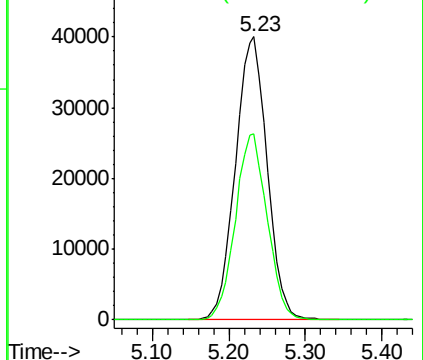
83 100

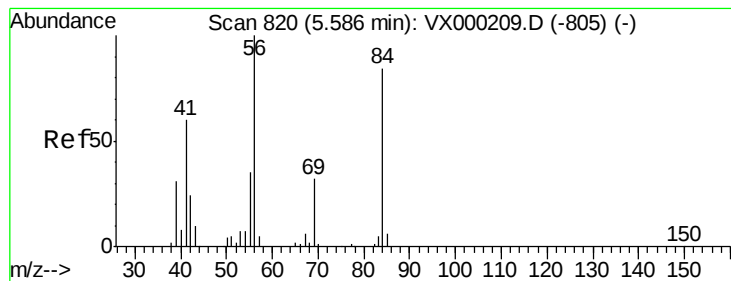
85 65.9 51.0 76.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 48.08 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

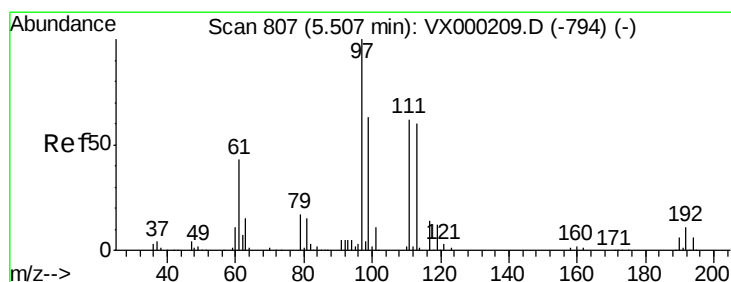
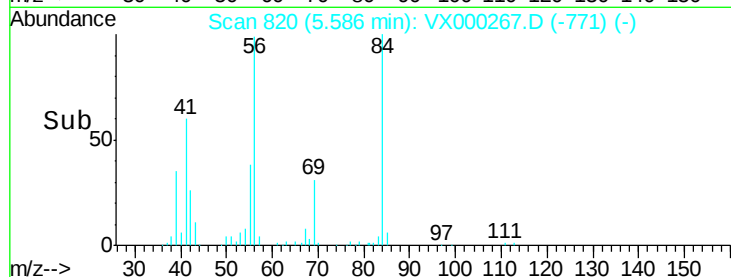
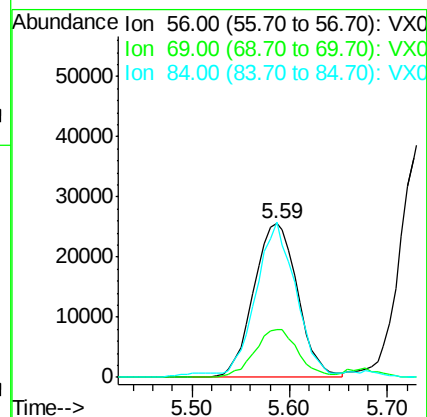
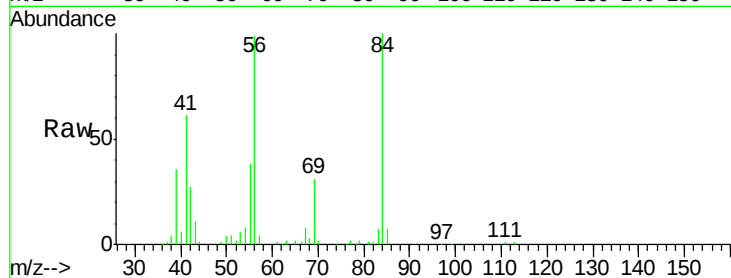
Tgt Ion: 56 Resp: 79748

Ion Ratio Lower Upper

56 100

69 31.0 25.3 37.9

84 98.4 67.2 100.8



#32

1,1,1-Trichloroethane

Concen: 52.56 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

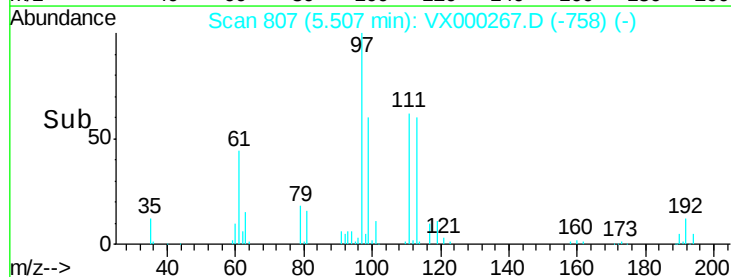
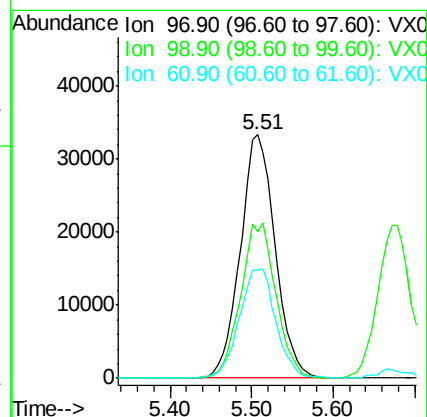
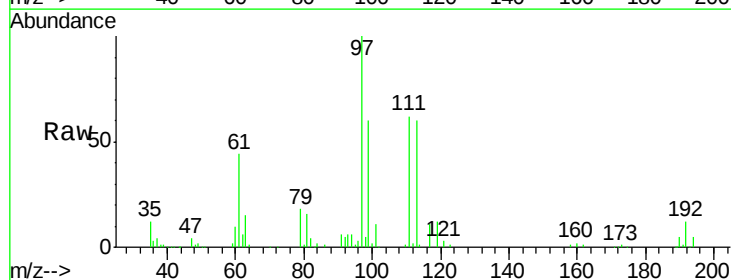
Tgt Ion: 97 Resp: 98834

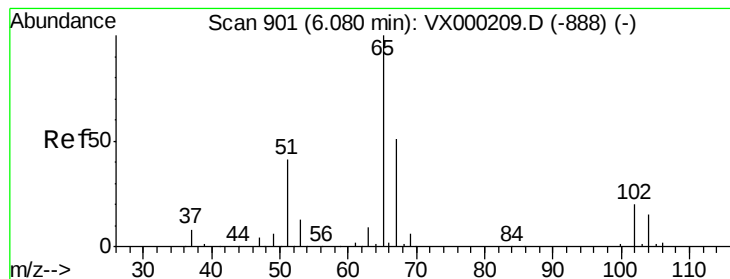
Ion Ratio Lower Upper

97 100

99 64.4 50.9 76.3

61 46.8 35.4 53.0





#33

1,2-Dichloroethane-d4

Concen: 55.01 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

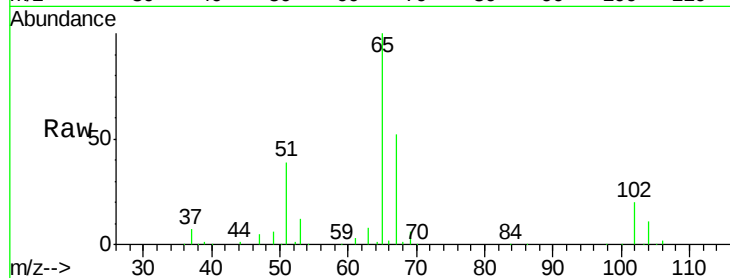
VSTDCCC050EC

Tgt Ion: 65 Resp: 83390

Ion Ratio Lower Upper

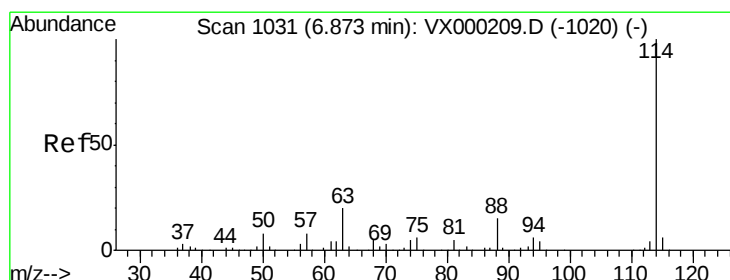
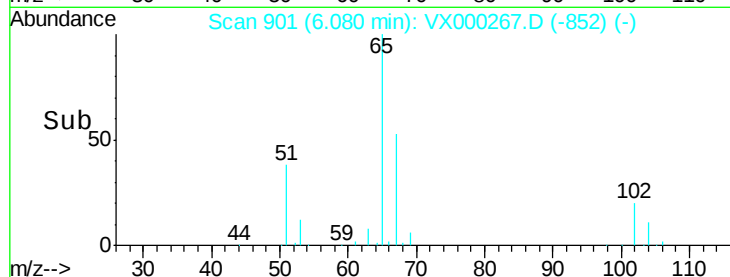
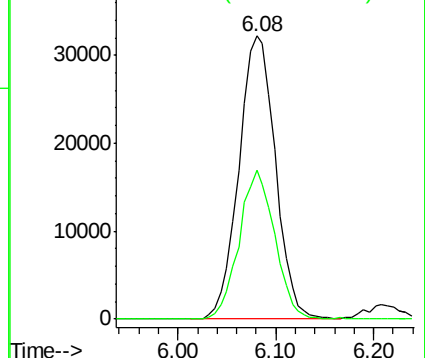
65 100

67 51.3 0.0 103.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

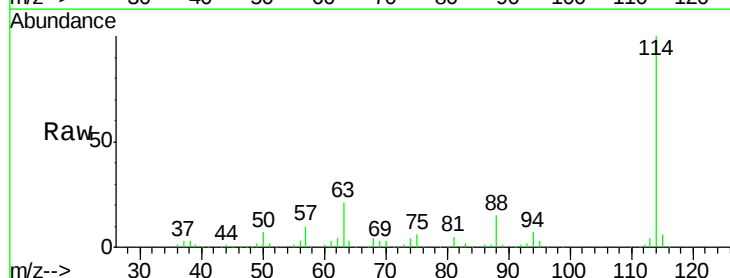
Tgt Ion: 114 Resp: 187808

Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.2

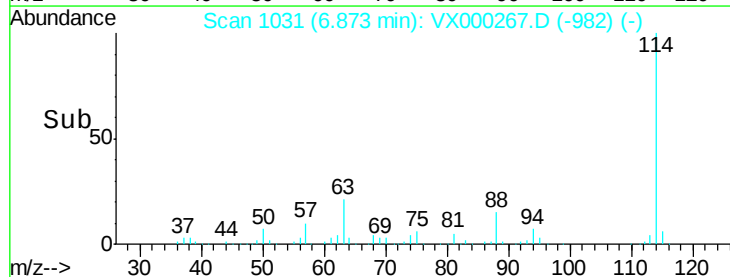
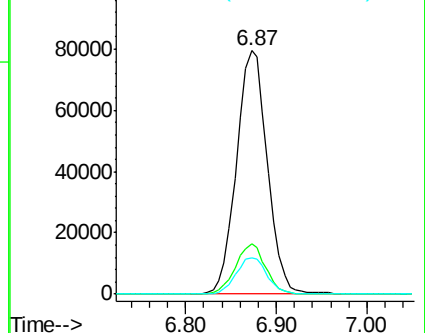
88 15.0 0.0 29.8

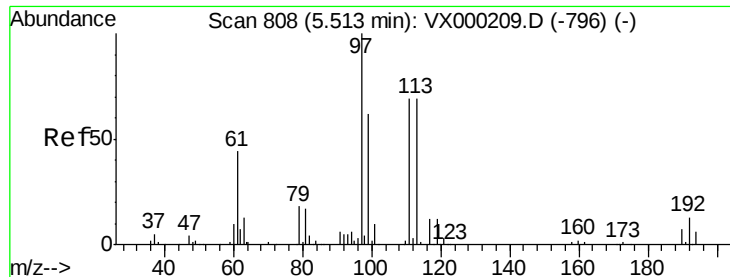


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 54.06 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

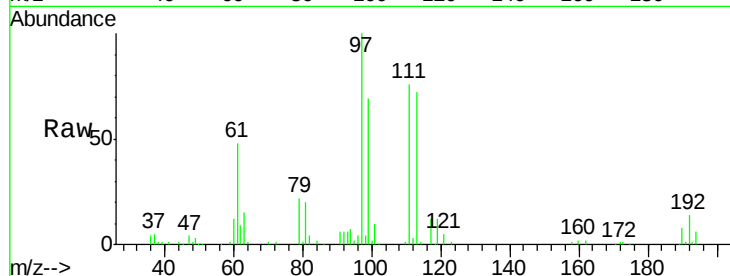
Tgt Ion:113 Resp: 63775

Ion Ratio Lower Upper

113 100

111 103.5 83.0 124.6

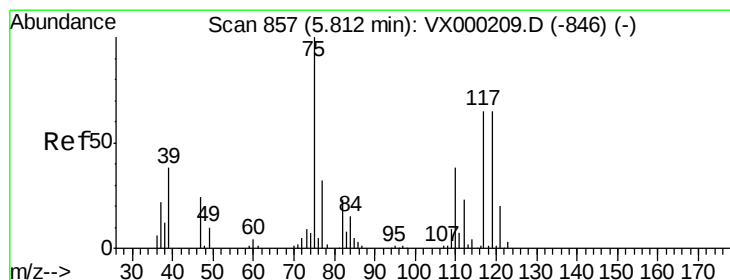
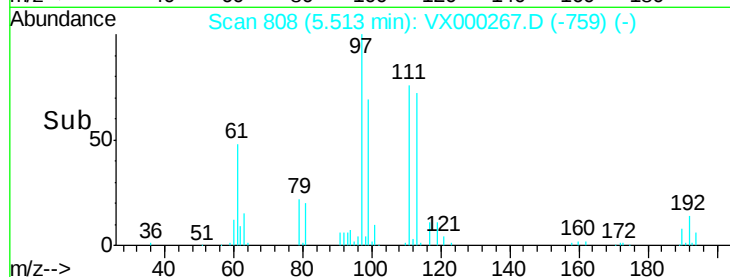
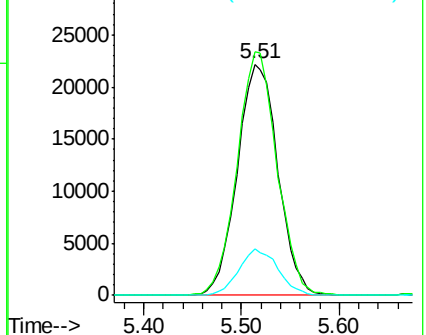
192 19.5 15.5 23.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.56 ug/l

RT: 5.81 min Scan# 857

Delta R.T. 0.00 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

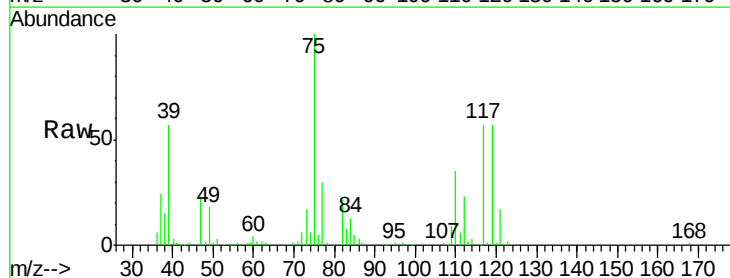
Tgt Ion: 75 Resp: 81157

Ion Ratio Lower Upper

75 100

110 35.5 17.8 53.5

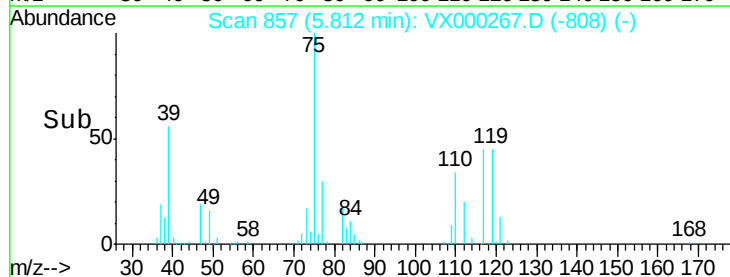
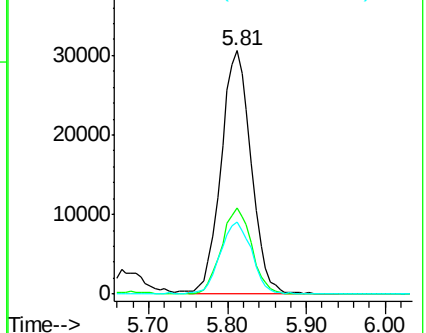
77 31.0 24.9 37.3

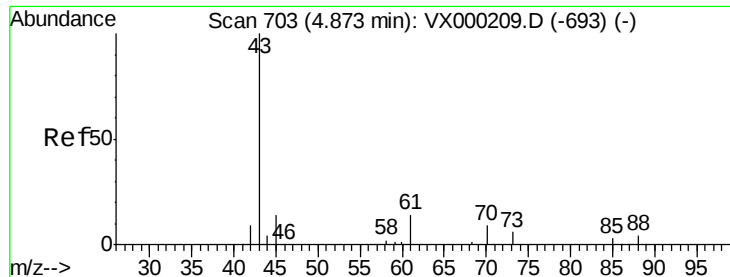


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 51.95 ug/l

RT: 4.89 min Scan# 705

Delta R.T. 0.01 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

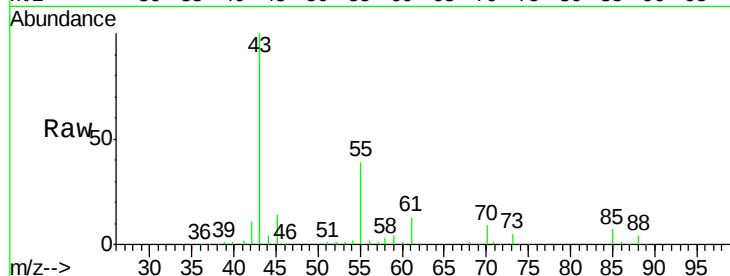
Tgt Ion: 43 Resp: 125449

Ion Ratio Lower Upper

43 100

61 13.4 11.0 16.6

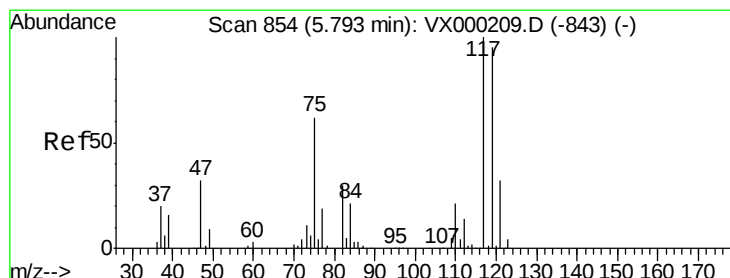
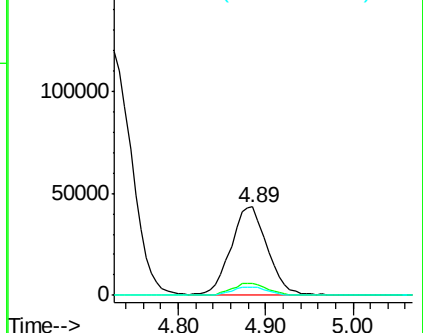
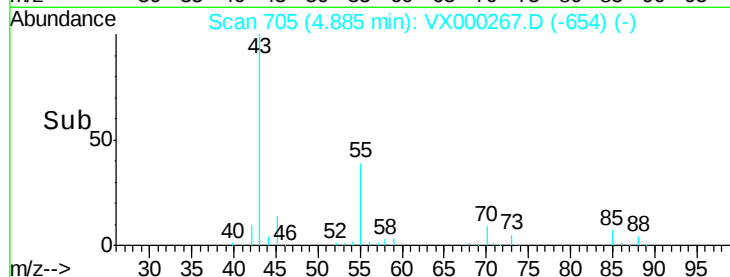
70 9.6 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 48.46 ug/l

RT: 5.79 min Scan# 854

Delta R.T. 0.00 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

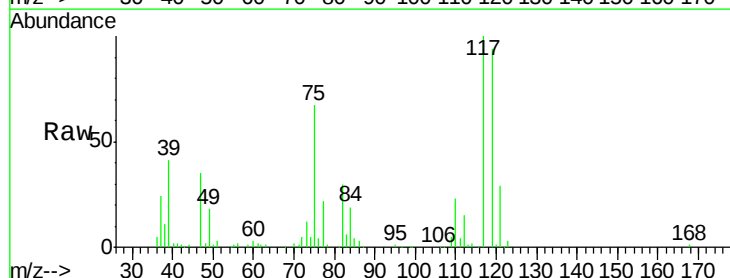
Tgt Ion: 117 Resp: 81960

Ion Ratio Lower Upper

117 100

119 94.5 75.9 113.9

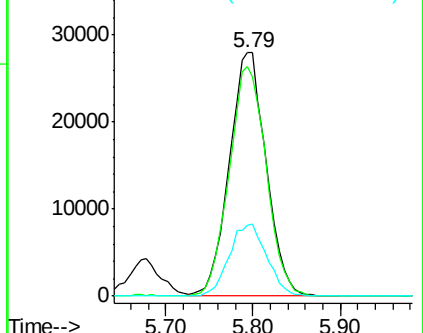
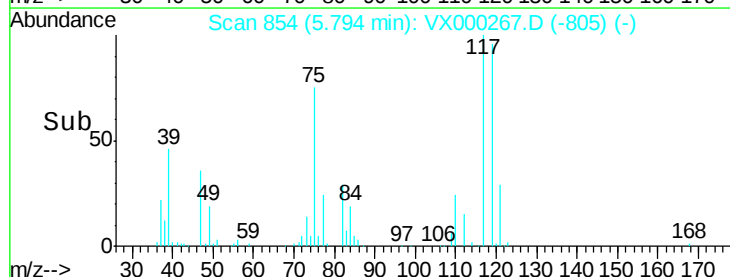
121 29.2 25.8 38.6

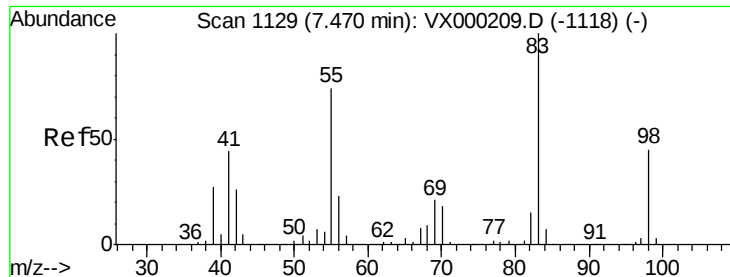


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

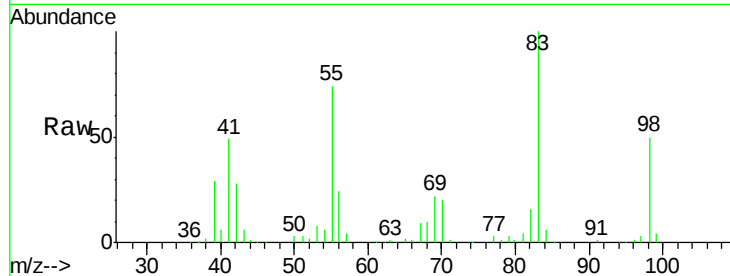




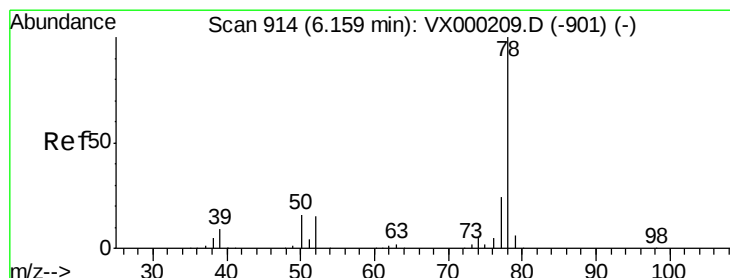
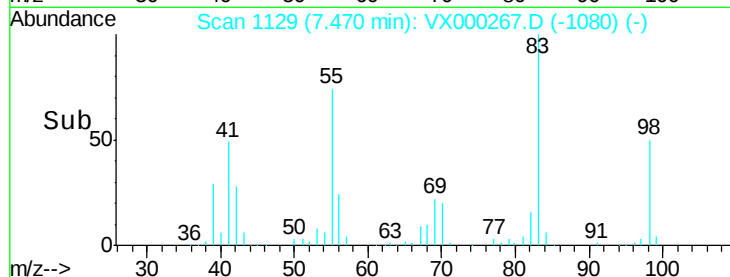
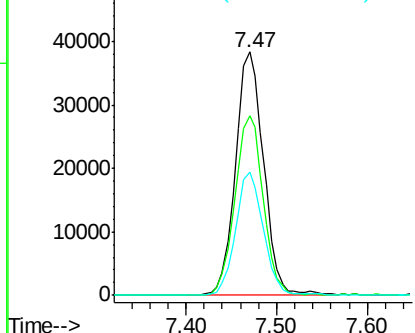
#39
Methylcyclohexane
Concen: 40.49 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 83017
Ion Ratio Lower Upper
83 100
55 73.7 59.4 89.0
98 50.4 36.3 54.5

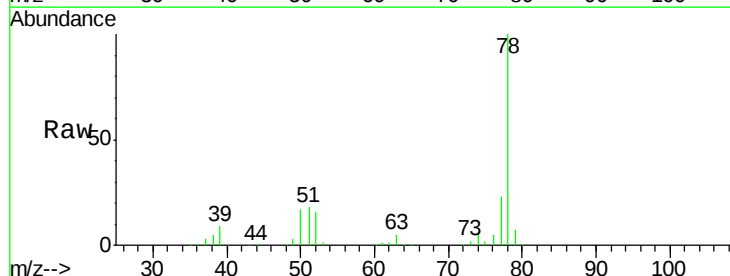


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

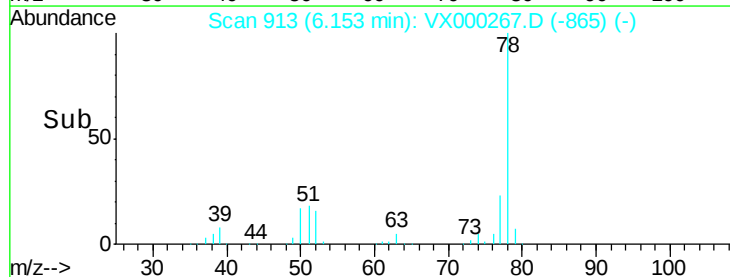
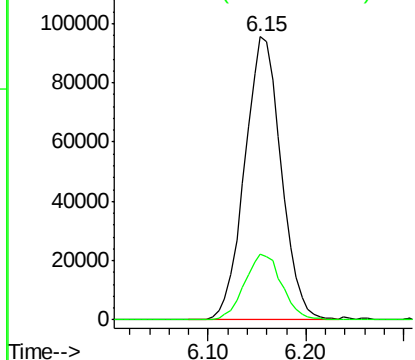


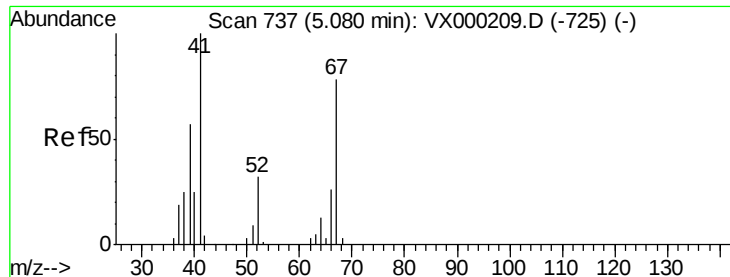
#40
Benzene
Concen: 51.27 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.01 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Tgt Ion: 78 Resp: 247083
Ion Ratio Lower Upper
78 100
77 23.1 19.4 29.2



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 51.48 ug/l

RT: 5.07 min Scan# 736

Delta R.T. -0.01 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 63369

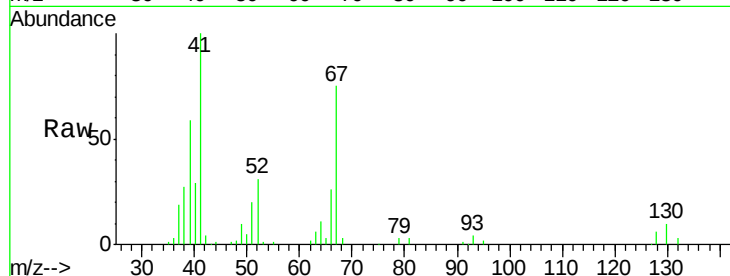
Ion Ratio Lower Upper

41 100

39 59.0 47.8 71.6

67 75.0 59.3 88.9

52 33.0 26.4 39.6

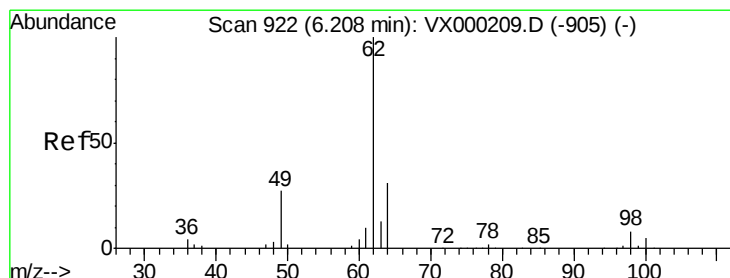
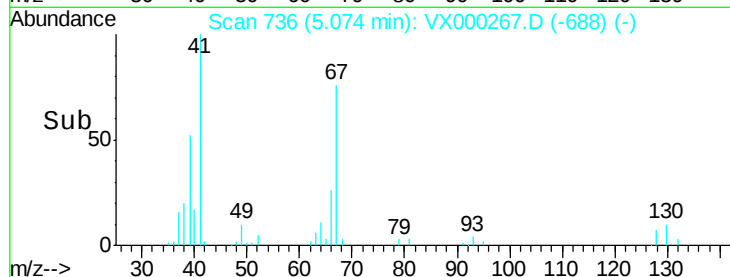
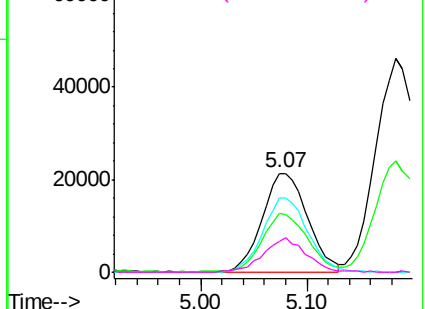


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 54.30 ug/l

RT: 6.21 min Scan# 922

Delta R.T. 0.00 min

Lab File: VX000267.D

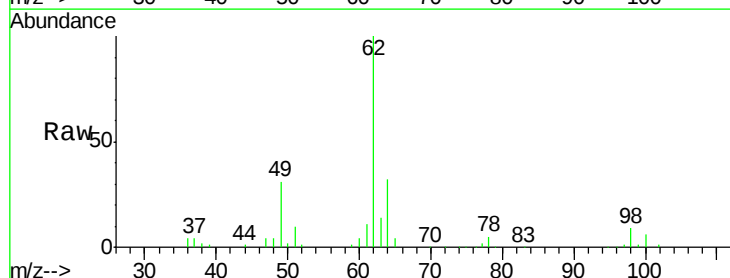
Acq: 09 Mar 2018 20:15

Tgt Ion: 62 Resp: 102643

Ion Ratio Lower Upper

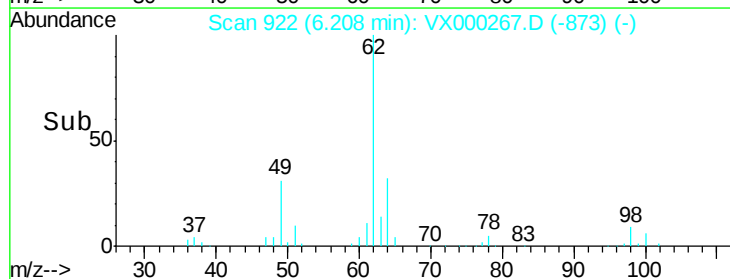
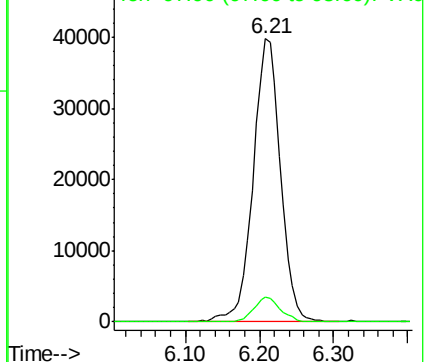
62 100

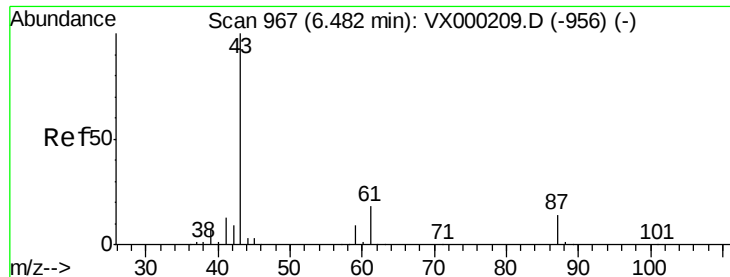
98 8.4 0.0 16.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 53.85 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.00 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

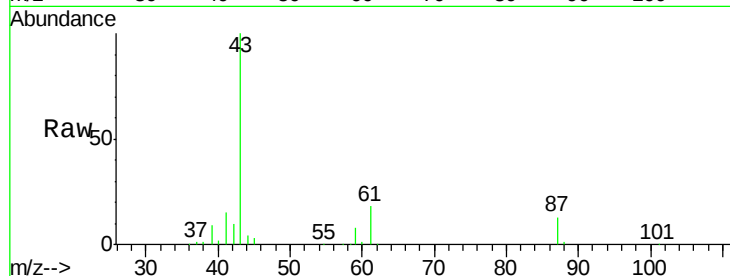
Tgt Ion: 43 Resp: 188018

Ion Ratio Lower Upper

43 100

61 18.1 14.8 22.2

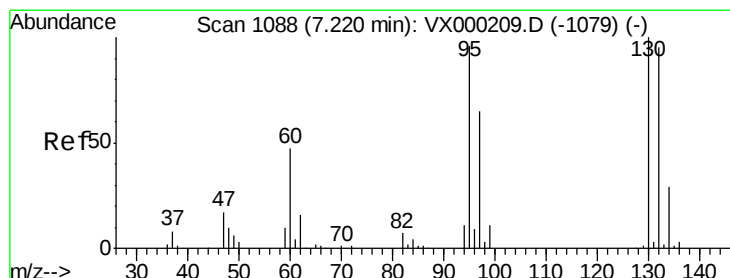
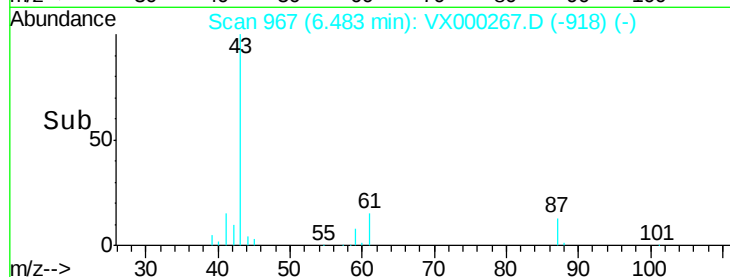
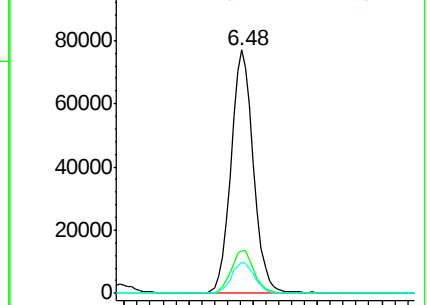
87 13.0 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VX000209.D (-956) (-)

Ion 61.00 (60.70 to 61.70): VX000209.D (-956) (-)

Ion 87.00 (86.70 to 87.70): VX000209.D (-956) (-)



#44

Trichloroethene

Concen: 48.14 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX000267.D

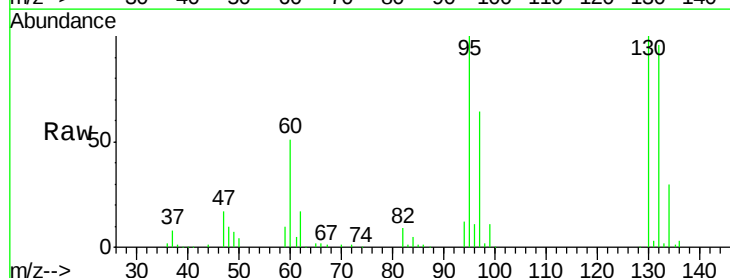
Acq: 09 Mar 2018 20:15

Tgt Ion: 130 Resp: 66415

Ion Ratio Lower Upper

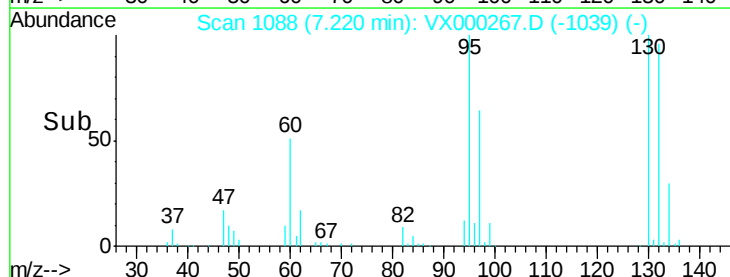
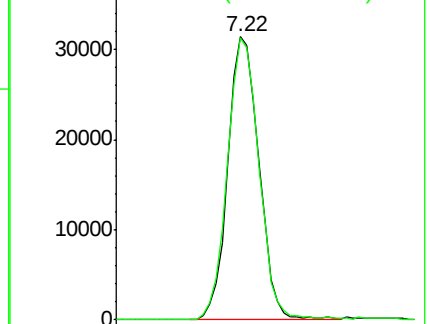
130 100

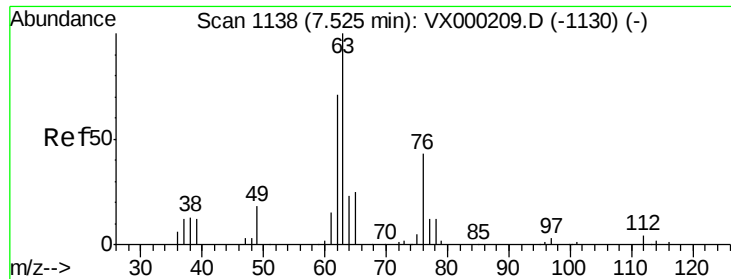
95 99.8 0.0 191.8



Abundance Ion 129.80 (129.50 to 130.50): VX000209.D (-1079) (-)

Ion 94.90 (94.60 to 95.60): VX000209.D (-1079) (-)

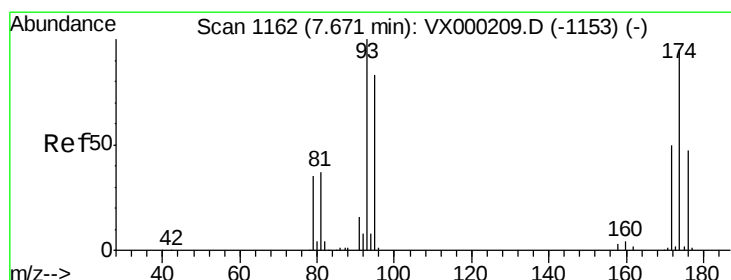
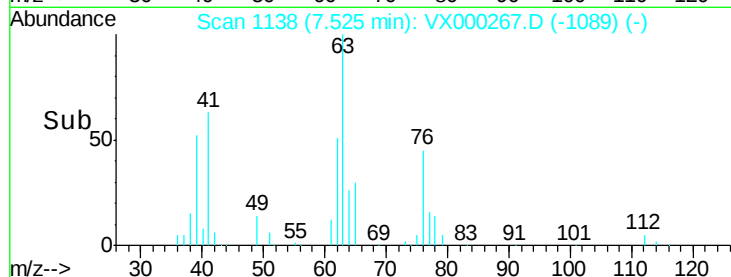
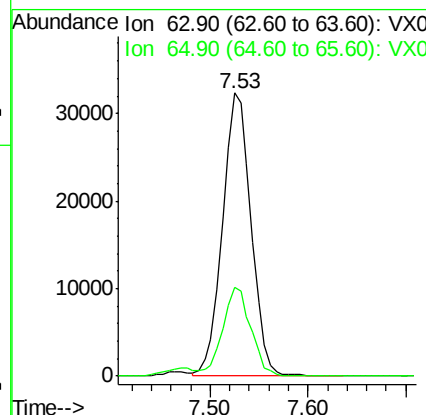
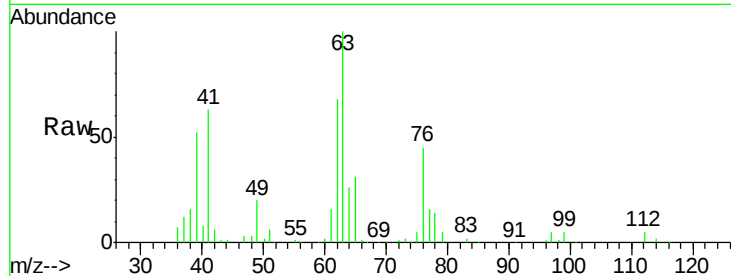




#45
 1,2-Dichloropropane
 Concen: 53.67 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000267.D
 Acq: 09 Mar 2018 20:15

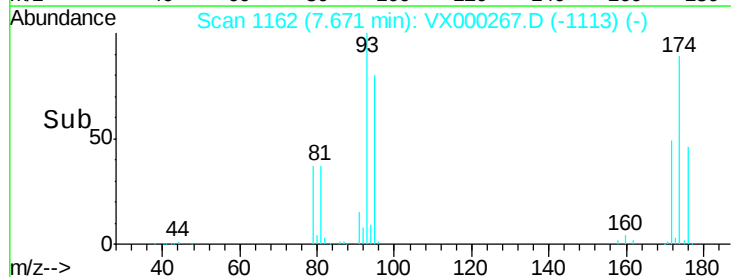
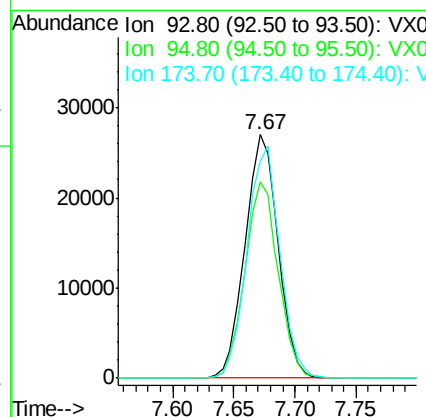
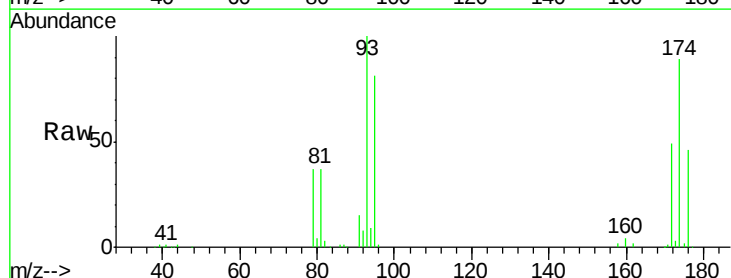
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

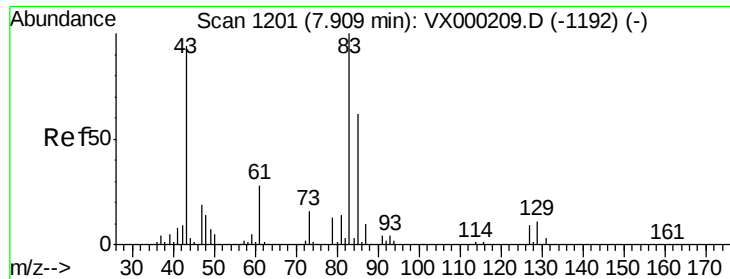
Tgt Ion: 63 Resp: 65519
 Ion Ratio Lower Upper
 63 100
 65 31.4 22.3 33.5



#46
 Dibromomethane
 Concen: 52.55 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX000267.D
 Acq: 09 Mar 2018 20:15

Tgt Ion: 93 Resp: 50755
 Ion Ratio Lower Upper
 93 100
 95 81.2 64.1 96.1
 174 94.9 75.8 113.8





#47

Bromodichloromethane

Concen: 54.55 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

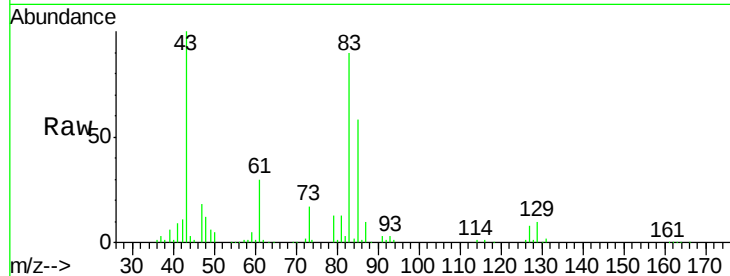
Tgt Ion: 83 Resp: 92671

Ion Ratio Lower Upper

83 100

85 64.3 49.6 74.4

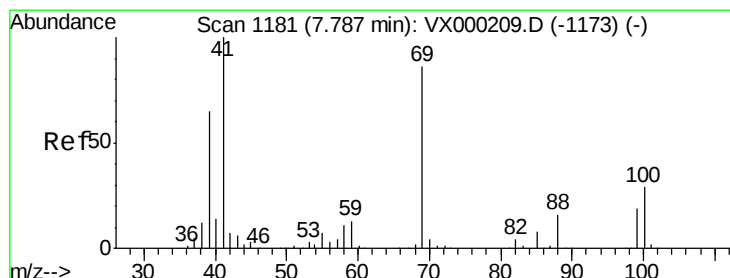
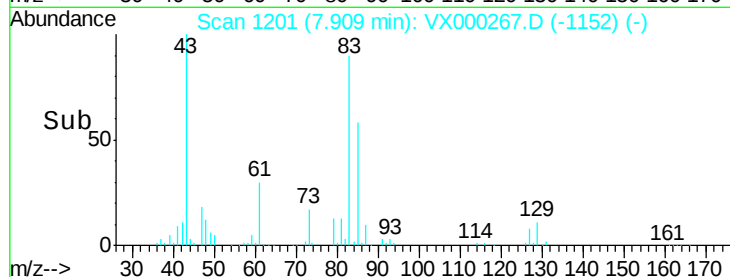
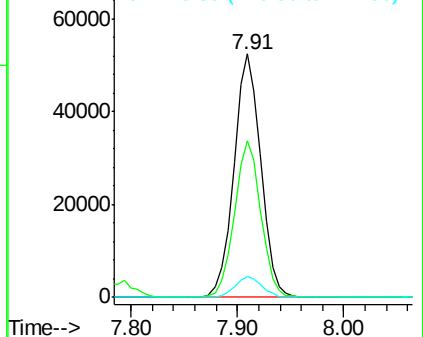
127 8.6 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 53.67 ug/l

RT: 7.79 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

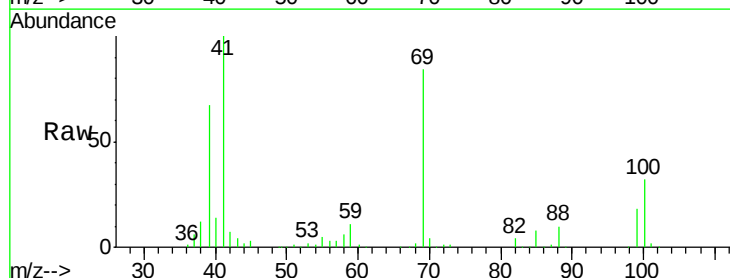
Tgt Ion: 41 Resp: 92300

Ion Ratio Lower Upper

41 100

69 84.2 70.0 105.0

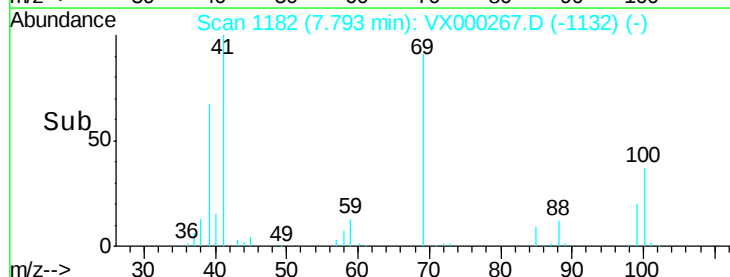
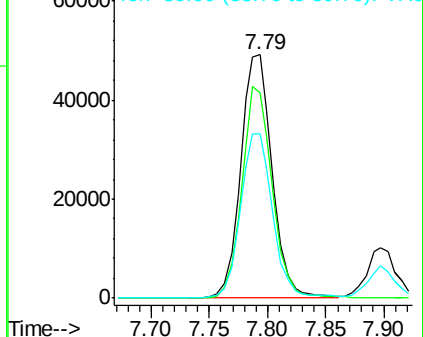
39 68.2 53.6 80.4

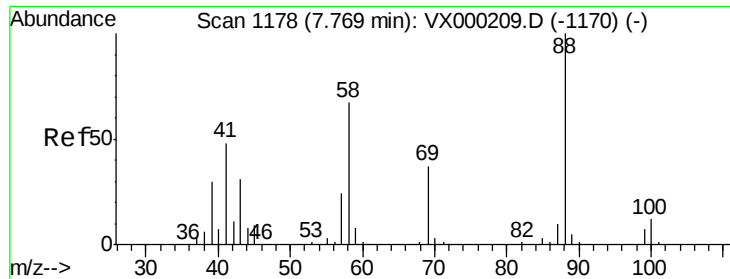


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

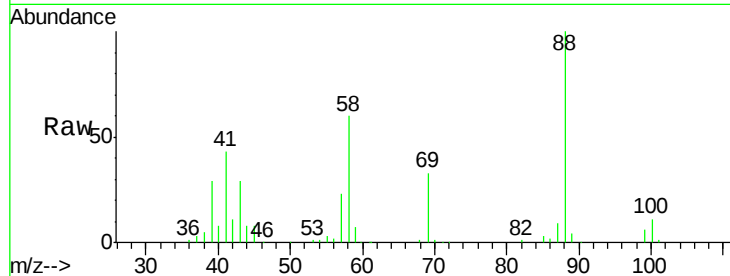




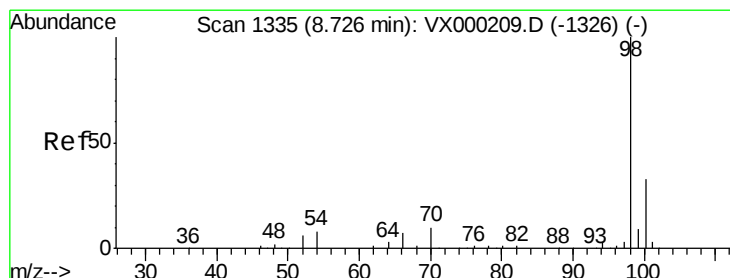
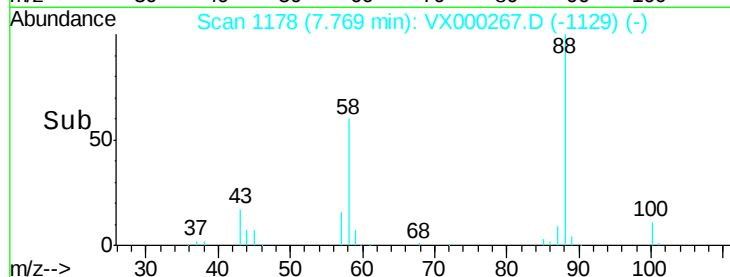
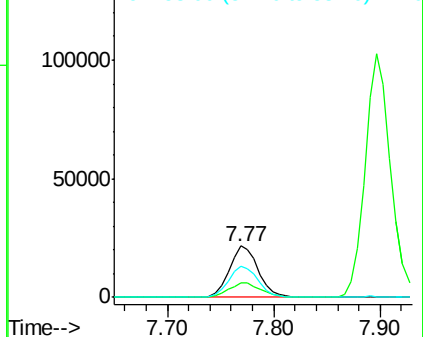
#49
1,4-Dioxane
Concen: 1048.09 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 40920
Ion Ratio Lower Upper
88 100
43 32.1 26.9 40.3
58 62.5 52.2 78.4

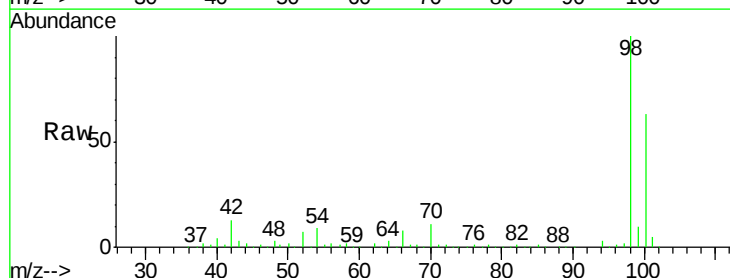


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

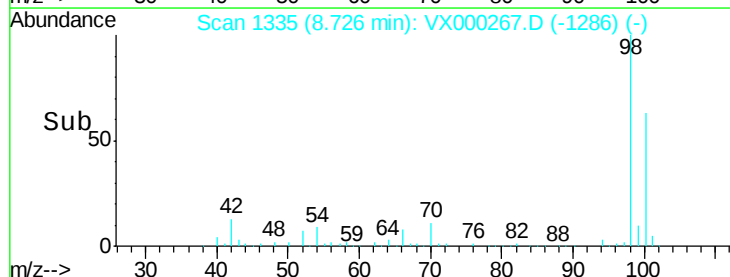
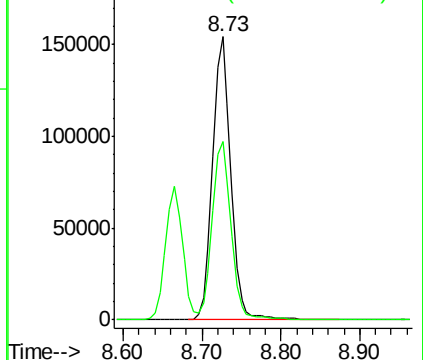


#50
Toluene-d8
Concen: 50.79 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Tgt Ion: 98 Resp: 248188
Ion Ratio Lower Upper
98 100
100 65.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

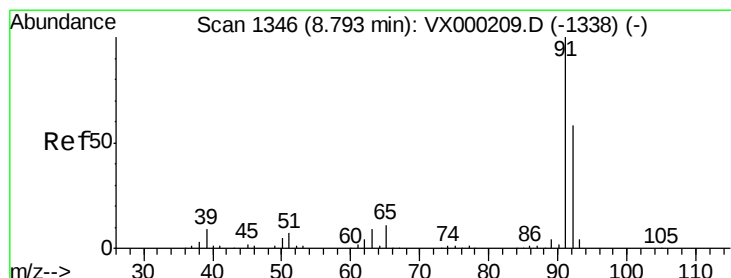
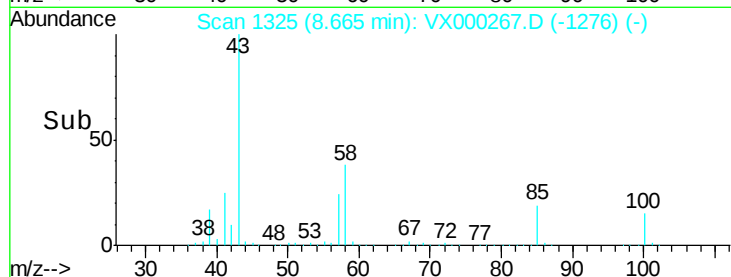
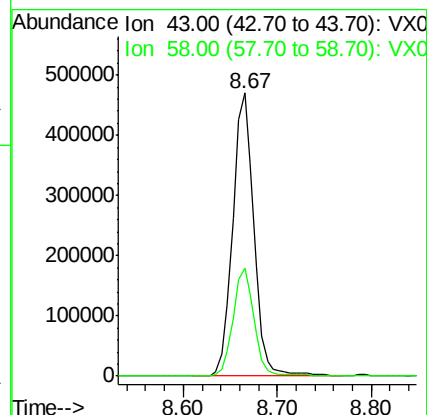
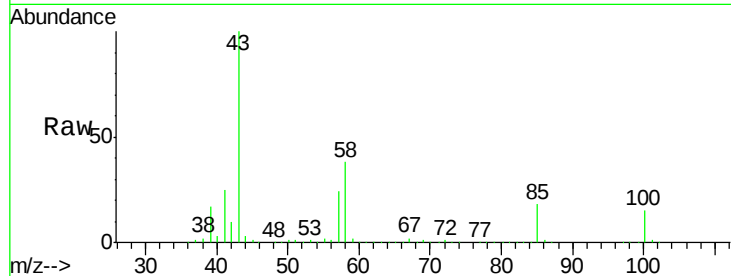




#51
 4-Methyl-2-Pentanone
 Concen: 278.73 ug/l
 RT: 8.67 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: VX000267.D
 Acq: 09 Mar 2018 20:15

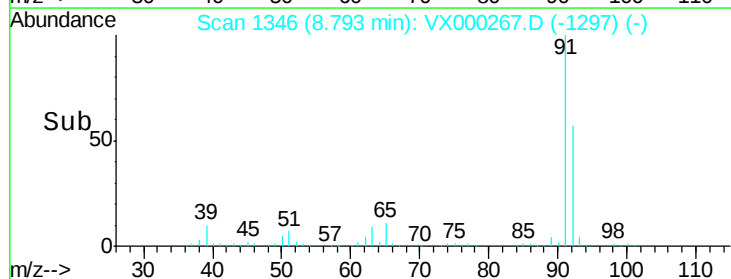
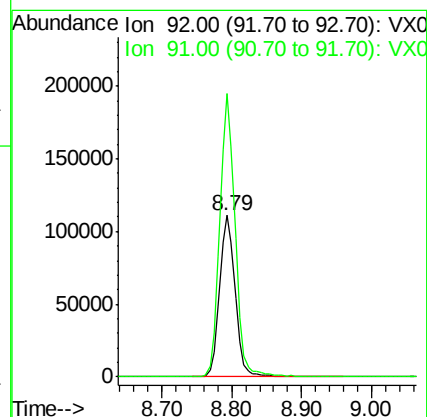
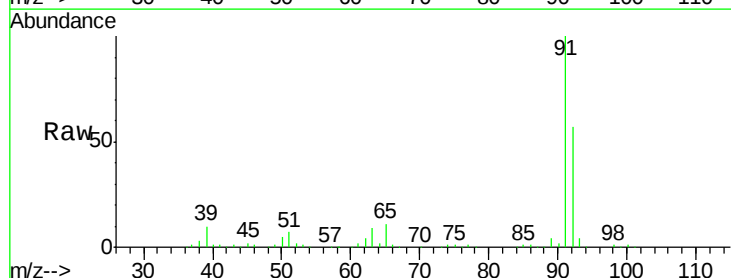
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

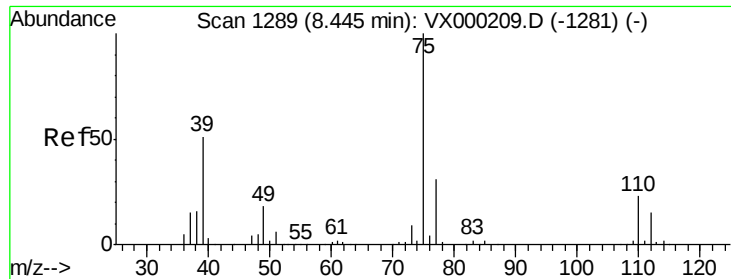
Tgt Ion: 43 Resp: 734574
 Ion Ratio Lower Upper
 43 100
 58 38.3 30.2 45.2



#52
 Toluene
 Concen: 52.19 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VX000267.D
 Acq: 09 Mar 2018 20:15

Tgt Ion: 92 Resp: 172413
 Ion Ratio Lower Upper
 92 100
 91 172.7 139.0 208.6

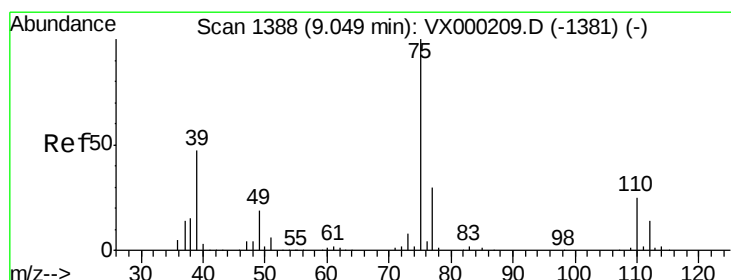
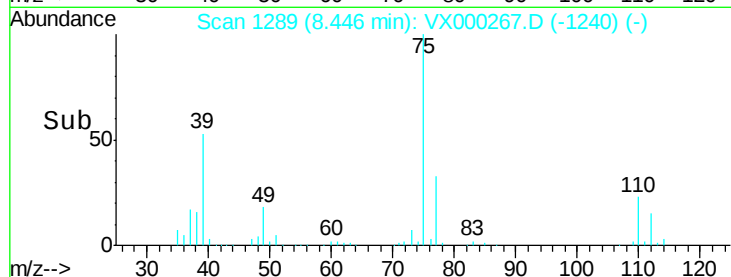
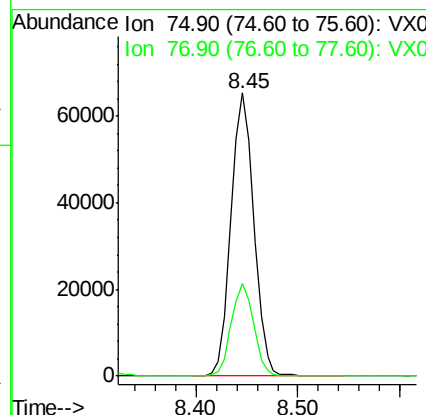
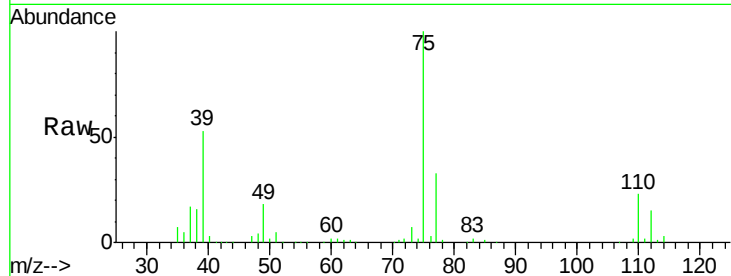




#53
 t-1,3-Dichloropropene
 Concen: 50.61 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: VX000267.D
 Acq: 09 Mar 2018 20:15

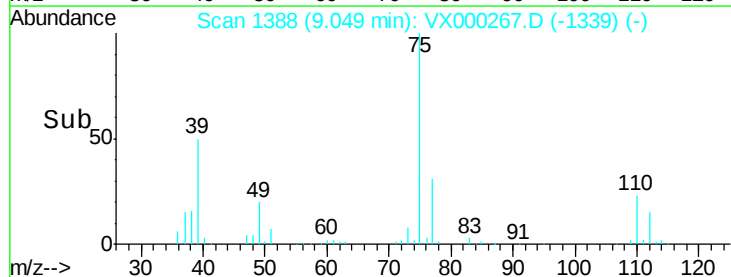
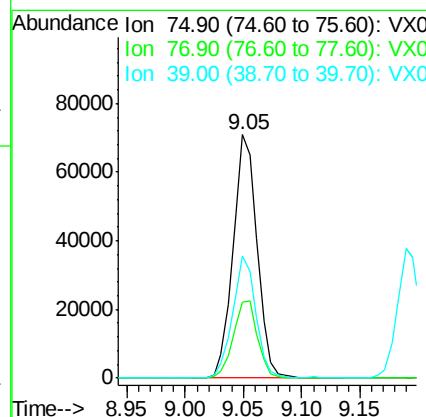
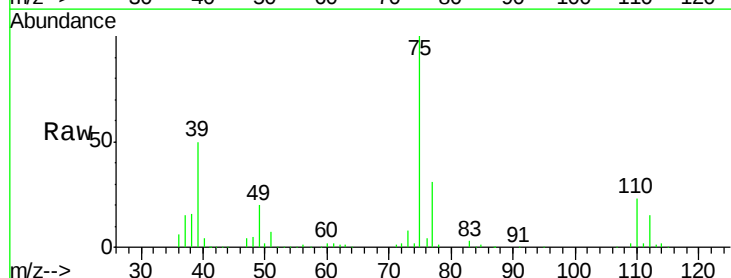
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

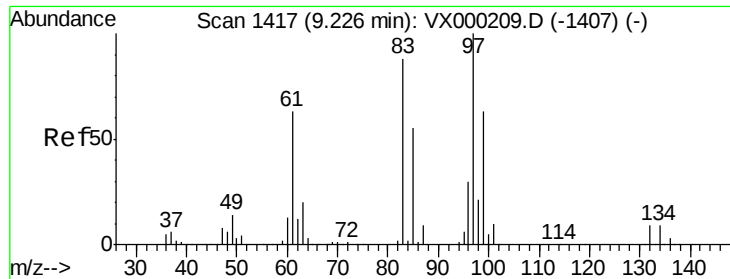
Tgt Ion: 75 Resp: 101308
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.8 37.2



#54
 cis-1,3-Dichloropropene
 Concen: 52.62 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX000267.D
 Acq: 09 Mar 2018 20:15

Tgt Ion: 75 Resp: 101905
 Ion Ratio Lower Upper
 75 100
 77 31.3 23.9 35.9
 39 50.2 37.4 56.2

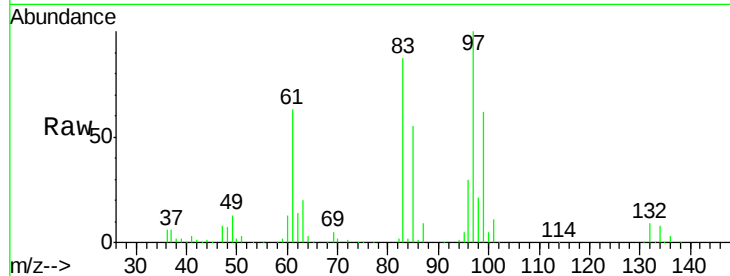




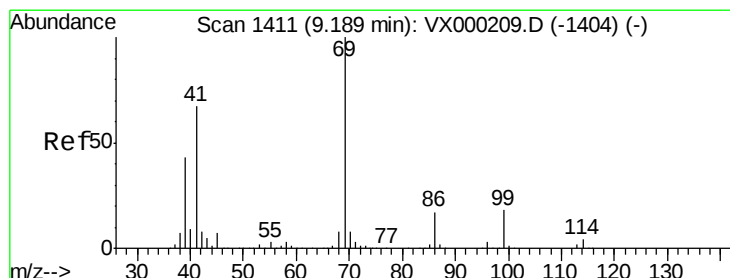
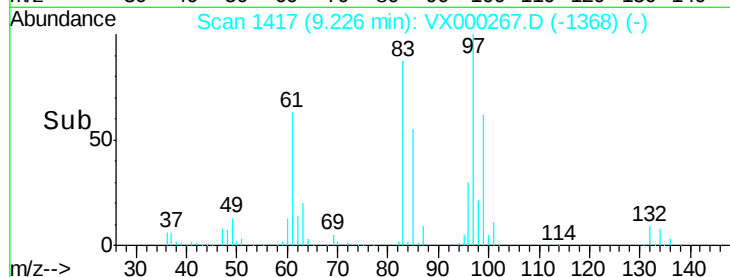
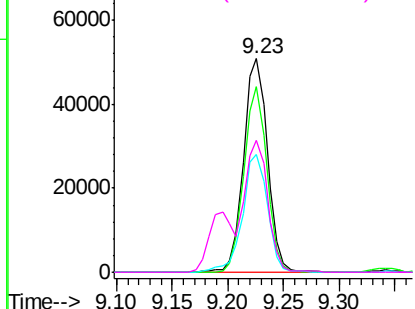
#55
 1,1,2-Trichloroethane
 Concen: 56.96 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000267.D
 Acq: 09 Mar 2018 20:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 97 Resp: 76208
 Ion Ratio Lower Upper
 97 100
 83 87.0 70.4 105.6
 85 54.9 43.9 65.9
 99 61.6 50.5 75.7

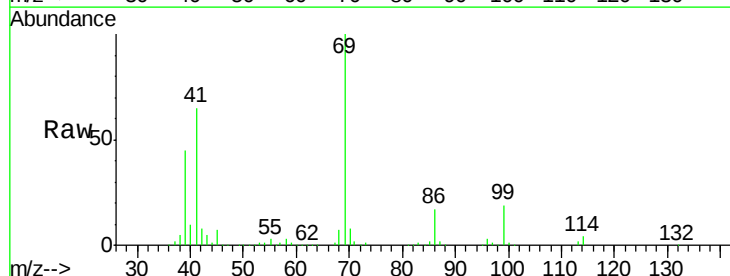


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

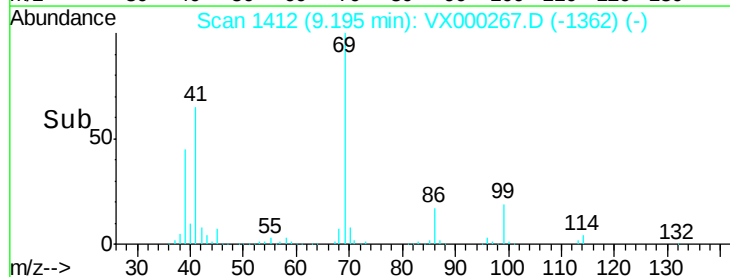
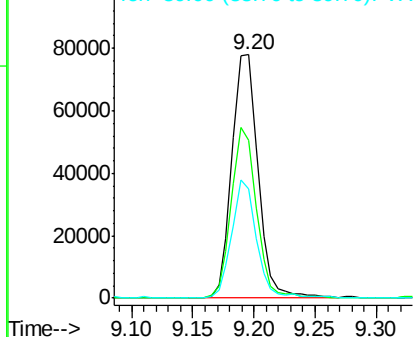


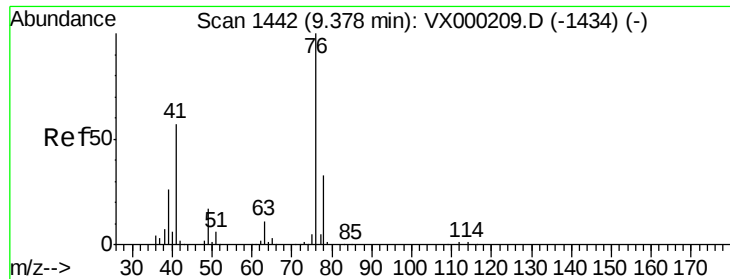
#56
 Ethyl methacrylate
 Concen: 57.84 ug/l
 RT: 9.20 min Scan# 1412
 Delta R.T. 0.01 min
 Lab File: VX000267.D
 Acq: 09 Mar 2018 20:15

Tgt Ion: 69 Resp: 115812
 Ion Ratio Lower Upper
 69 100
 41 68.1 52.2 78.2
 39 45.3 34.3 51.5



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 54.16 ug/l

RT: 9.38 min Scan# 1443

Delta R.T. 0.01 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

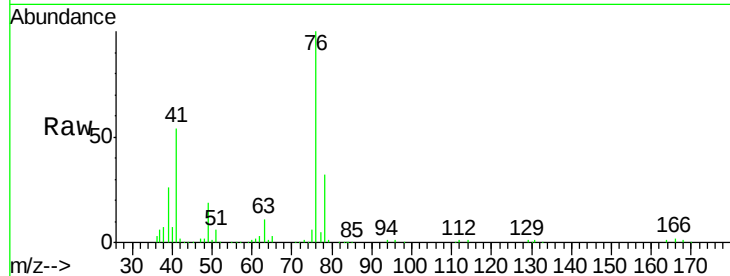
VSTDCCC050EC

Tgt Ion: 76 Resp: 121676

Ion Ratio Lower Upper

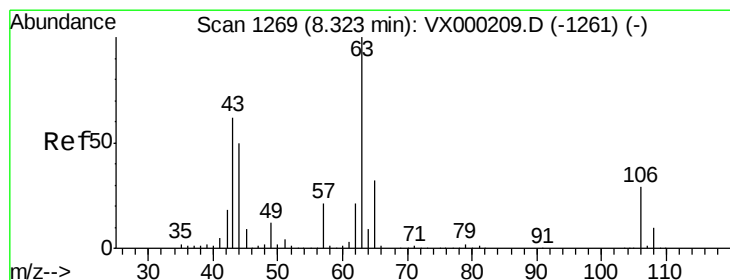
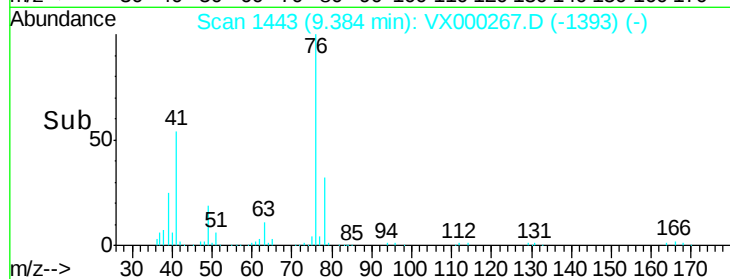
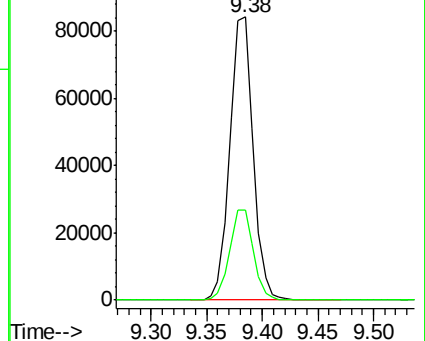
76 100

78 32.5 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 283.32 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX000267.D

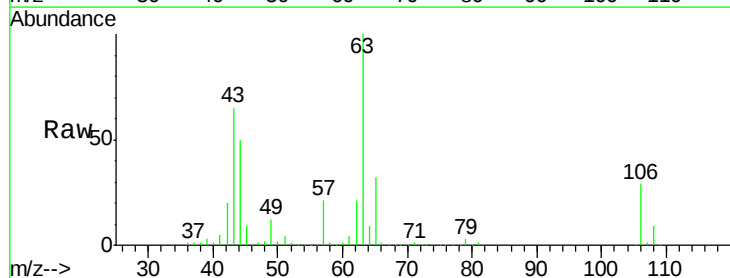
Acq: 09 Mar 2018 20:15

Tgt Ion: 63 Resp: 286407

Ion Ratio Lower Upper

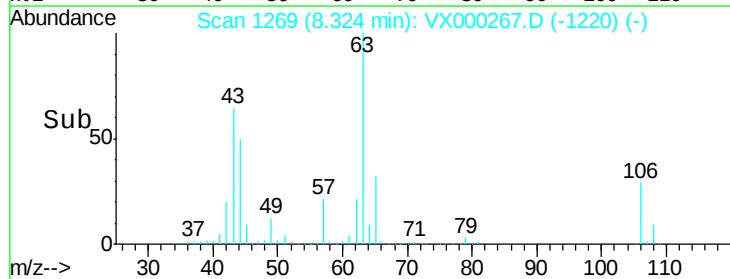
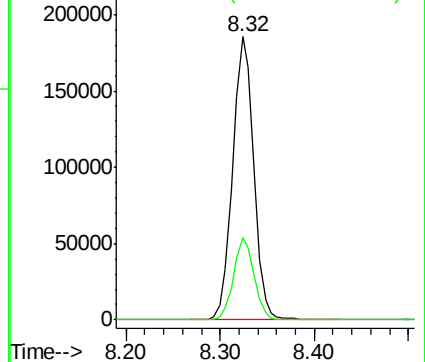
63 100

106 28.6 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

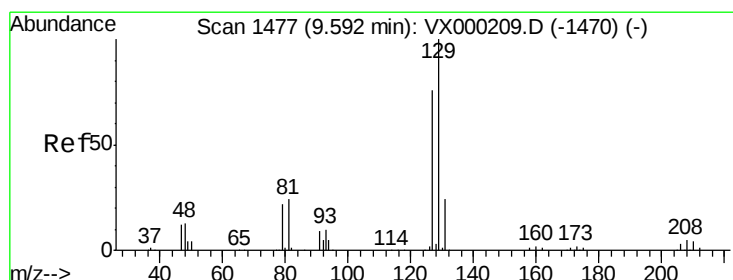
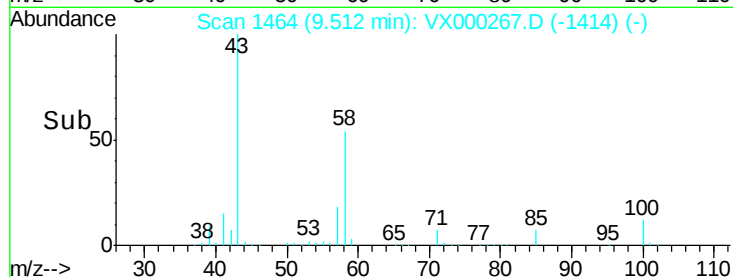
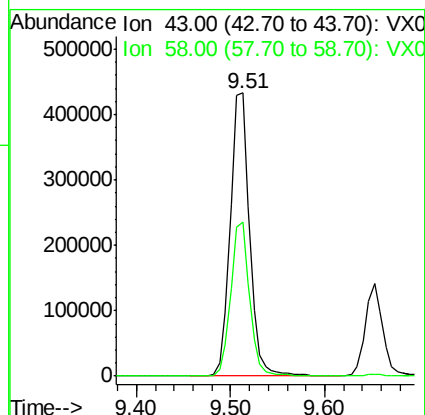
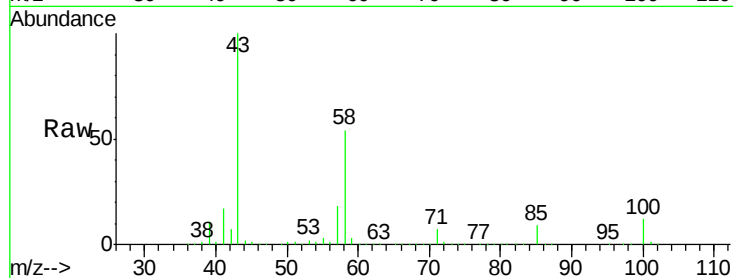




#59
2-Hexanone
Concen: 275.01 ug/l
RT: 9.51 min Scan# 1464
Delta R.T. 0.01 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

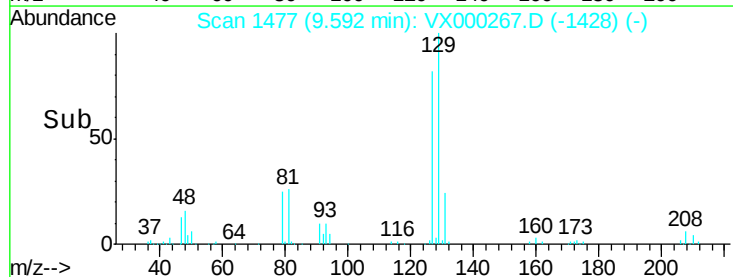
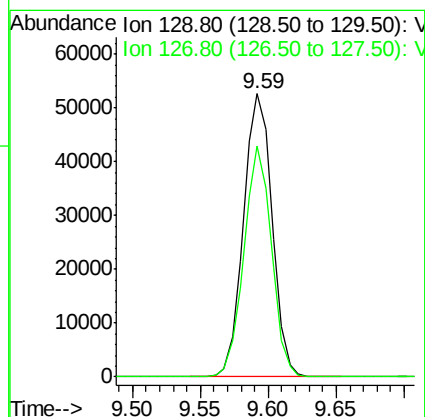
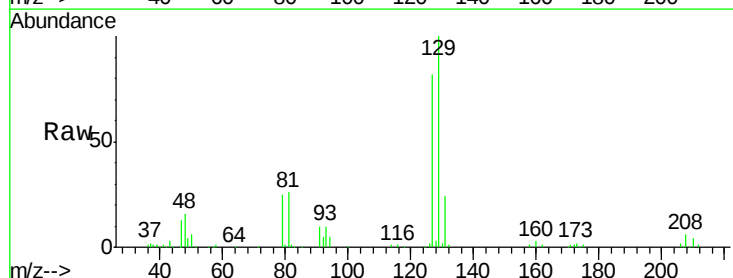
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

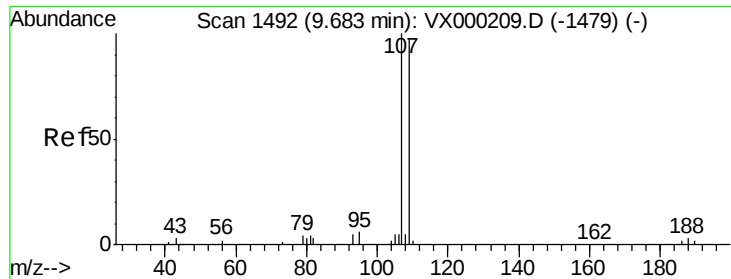
Tgt Ion: 43 Resp: 618001
Ion Ratio Lower Upper
43 100
58 53.2 26.6 79.7



#60
Dibromochloromethane
Concen: 54.92 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Tgt Ion: 129 Resp: 77475
Ion Ratio Lower Upper
129 100
127 78.8 39.1 117.2





#61

1,2-Dibromoethane

Concen: 56.42 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

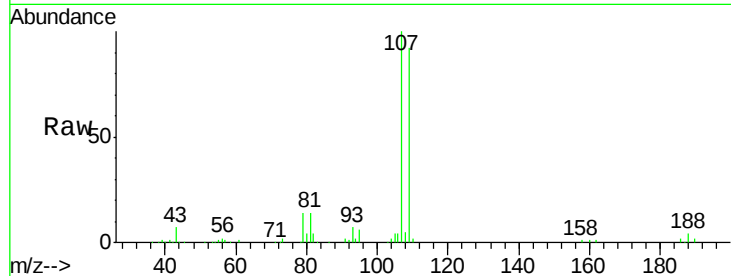
VSTDCCC050EC

Tgt Ion: 107 Resp: 83818

Ion Ratio Lower Upper

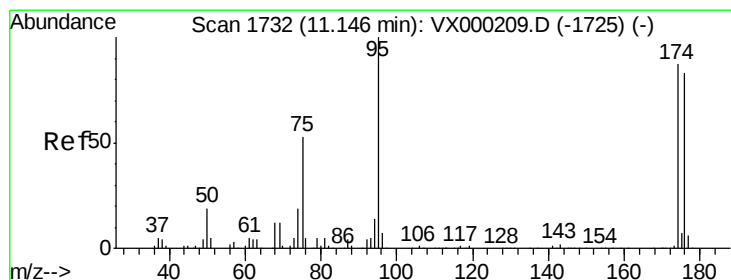
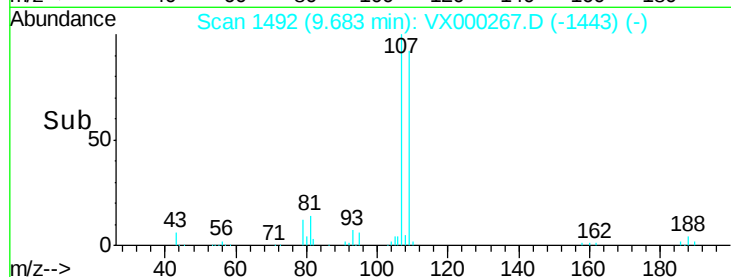
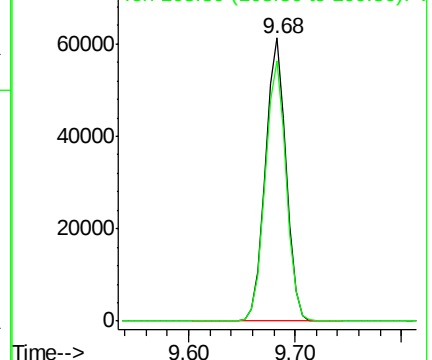
107 100

109 93.3 76.8 115.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.81 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

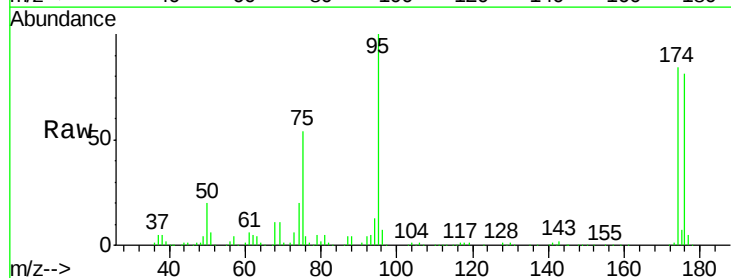
Tgt Ion: 95 Resp: 98815

Ion Ratio Lower Upper

95 100

174 84.9 0.0 175.6

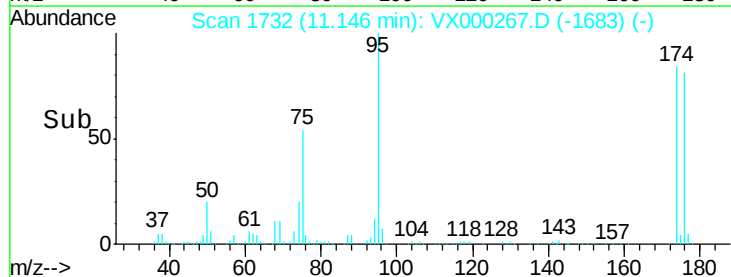
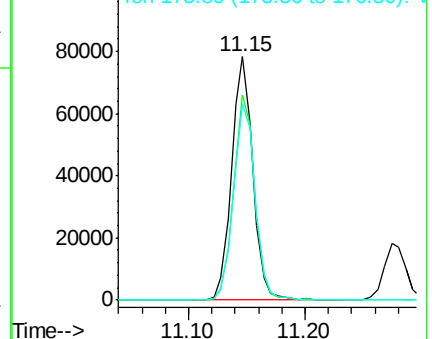
176 83.0 0.0 171.0

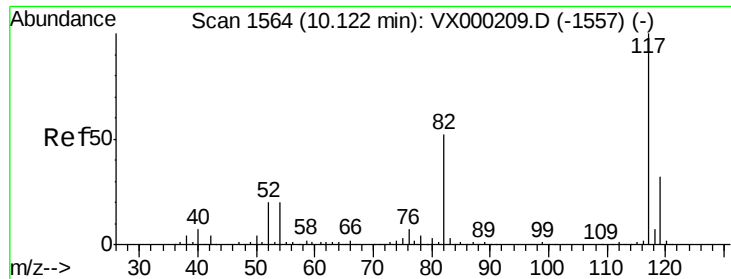


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

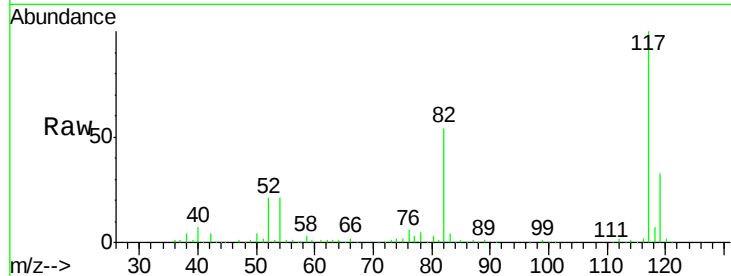




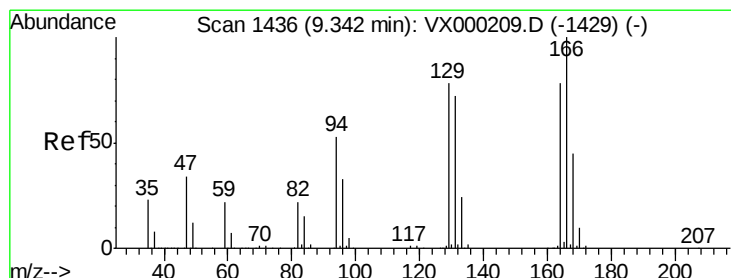
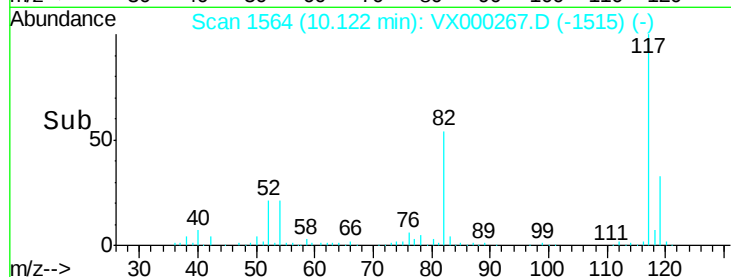
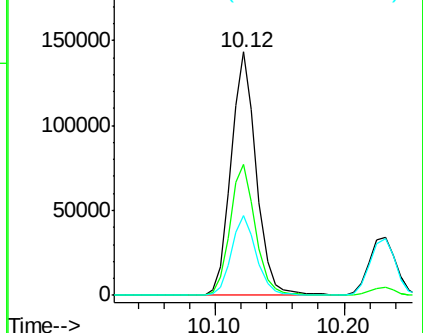
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 196157
Ion Ratio Lower Upper
117 100
82 53.6 42.0 63.0
119 33.0 25.3 37.9



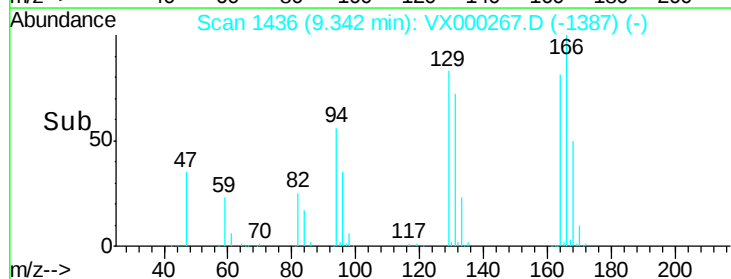
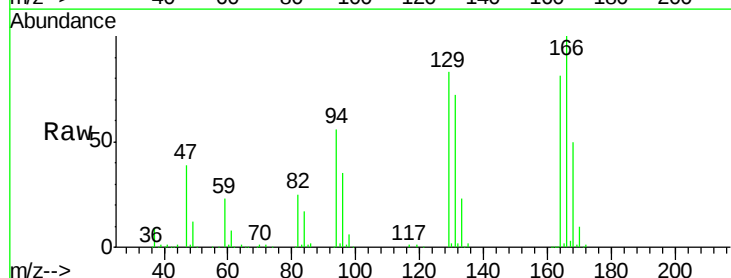
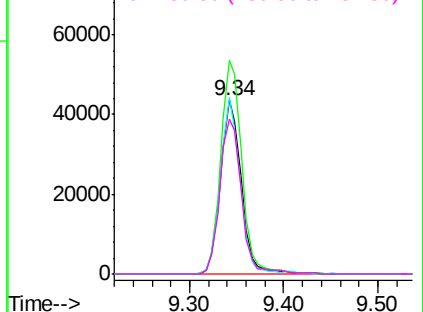
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

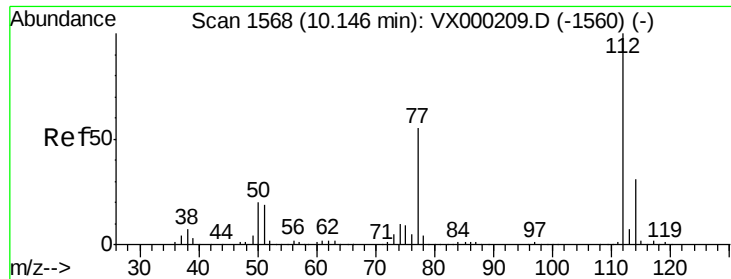


#64
Tetrachloroethene
Concen: 48.86 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Tgt Ion:164 Resp: 67061
Ion Ratio Lower Upper
164 100
166 122.7 103.0 154.6
129 101.4 80.2 120.4
131 88.8 74.2 111.4

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

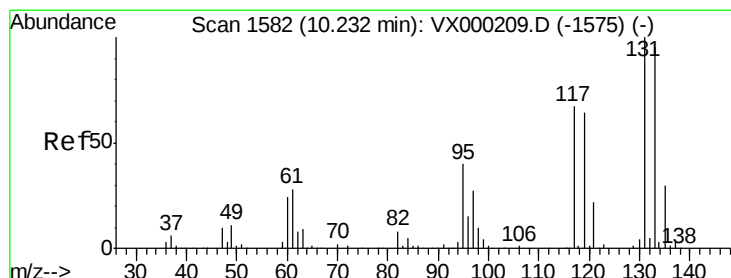
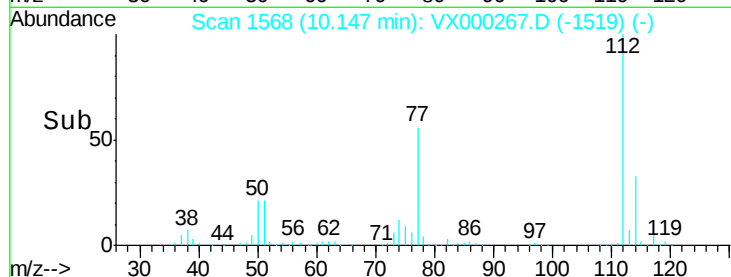
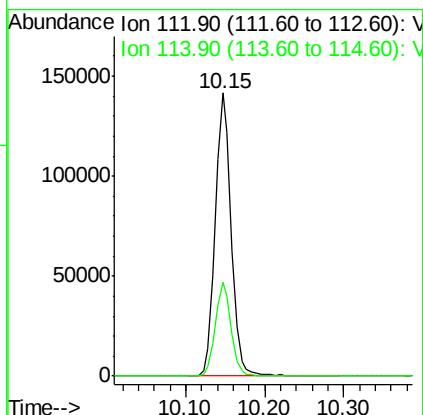
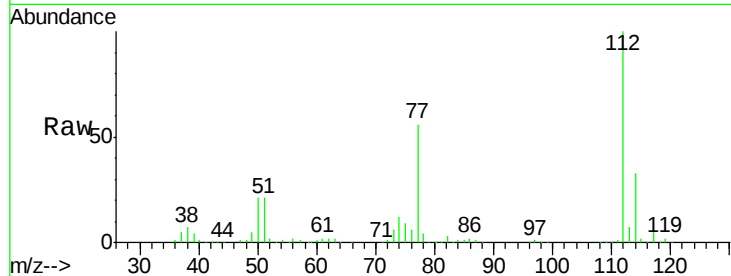




#65
Chlorobenzene
Concen: 50.52 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

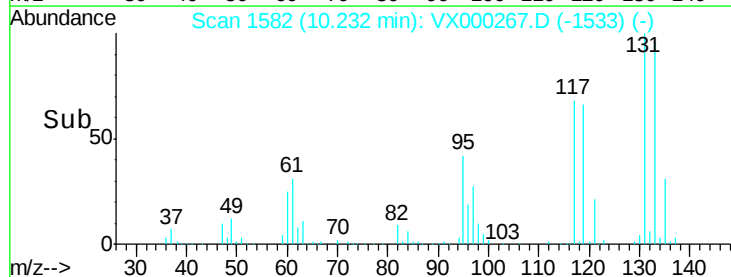
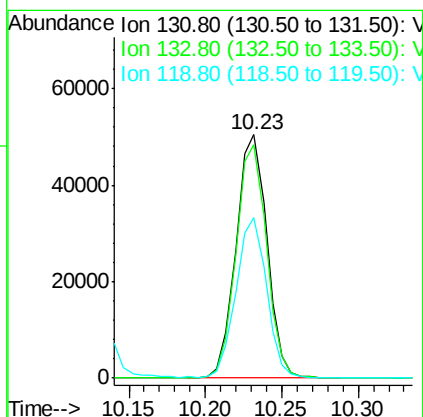
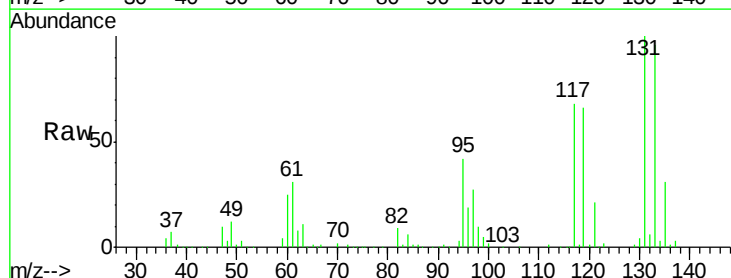
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

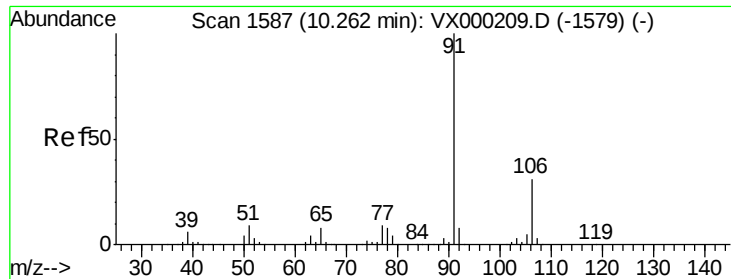
Tgt Ion:112 Resp: 200120
Ion Ratio Lower Upper
112 100
114 33.4 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 52.22 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Tgt Ion:131 Resp: 70726
Ion Ratio Lower Upper
131 100
133 95.1 48.3 144.9
119 65.4 32.3 96.8

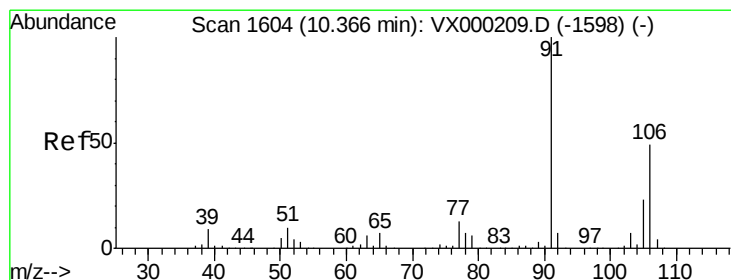
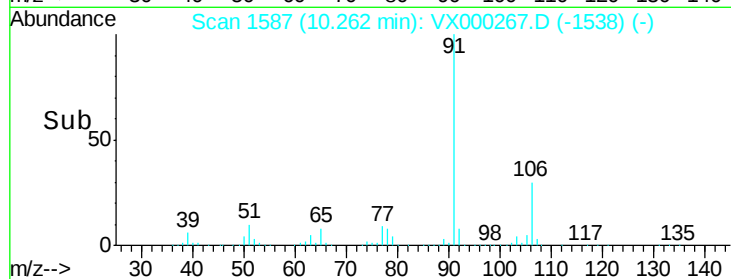
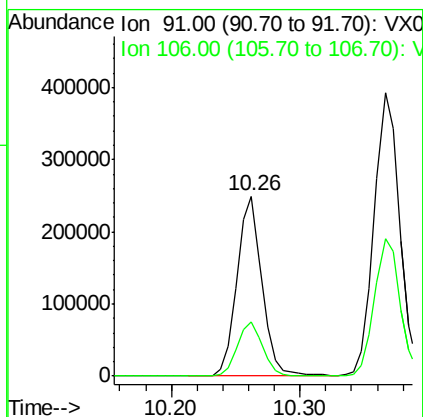
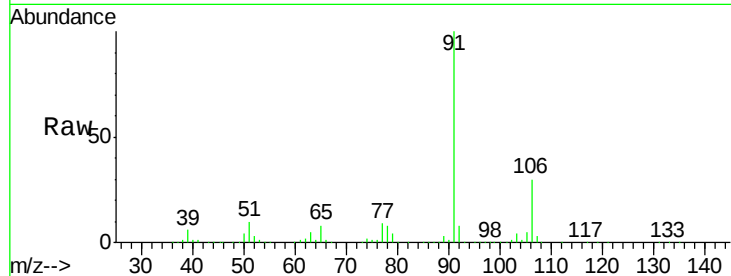




#67
Ethyl Benzene
Concen: 48.67 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.00 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

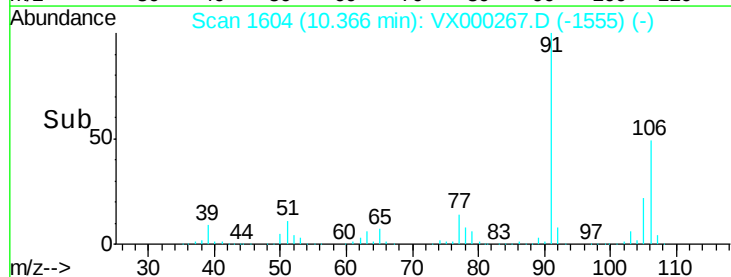
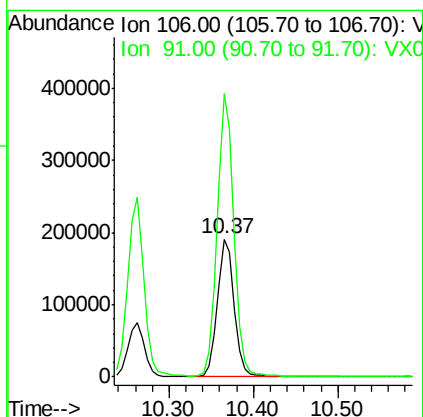
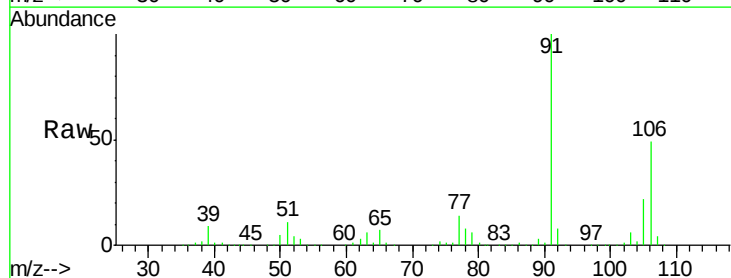
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

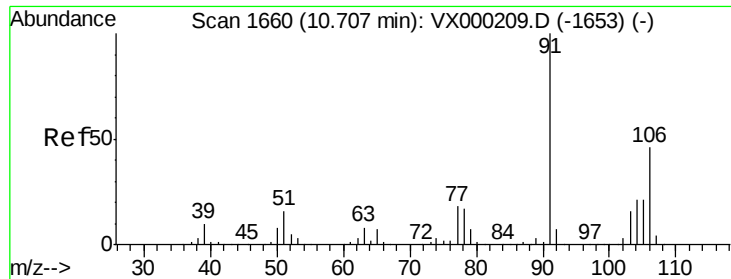
Tgt Ion: 91 Resp: 336492
Ion Ratio Lower Upper
91 100
106 30.4 25.2 37.8



#68
m/p-Xylenes
Concen: 99.88 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Tgt Ion: 106 Resp: 265757
Ion Ratio Lower Upper
106 100
91 204.1 160.9 241.3

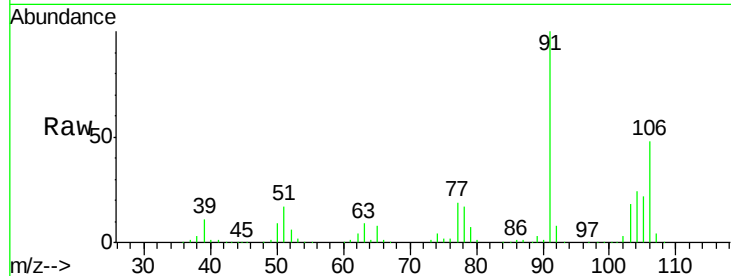




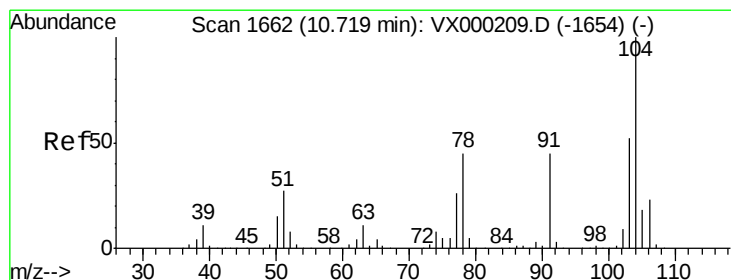
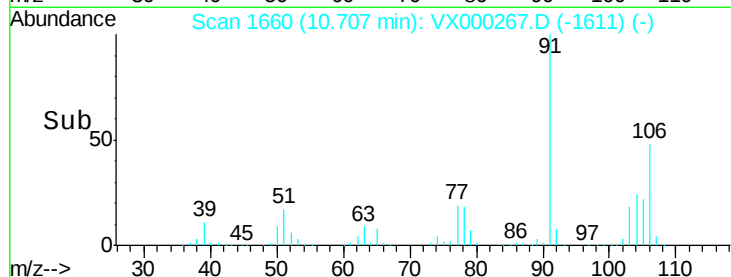
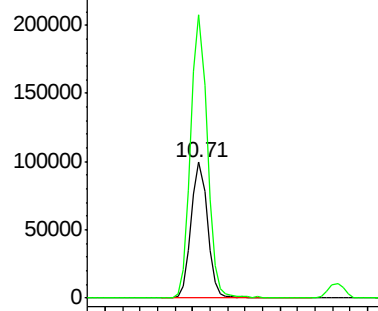
#69
o-Xylene
Concen: 51.01 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 130458
Ion Ratio Lower Upper
106 100
91 210.1 105.9 317.7

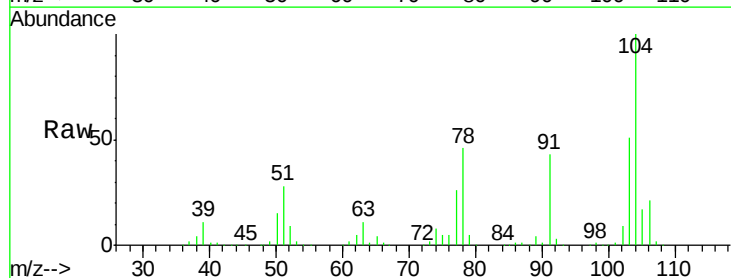


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

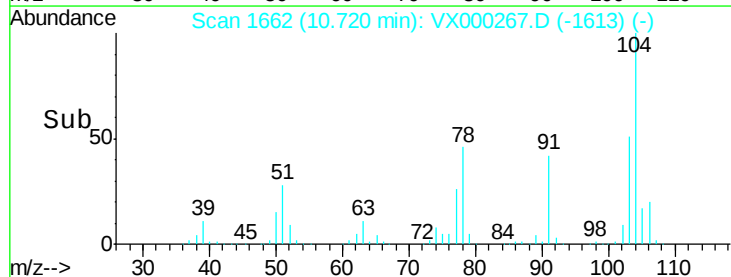
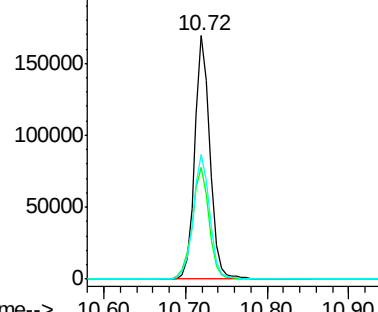


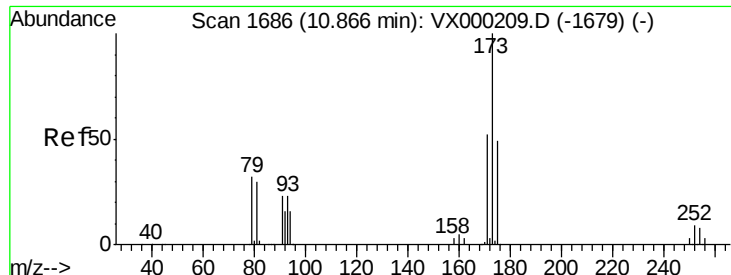
#70
Styrene
Concen: 51.97 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Tgt Ion:104 Resp: 220469
Ion Ratio Lower Upper
104 100
78 50.8 39.6 59.4
103 56.2 45.0 67.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 44.21 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

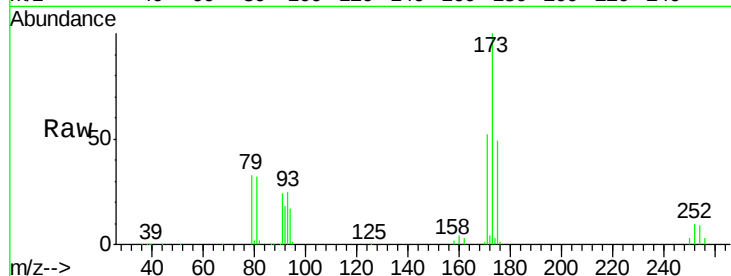
Tgt Ion:173 Resp: 60606

Ion Ratio Lower Upper

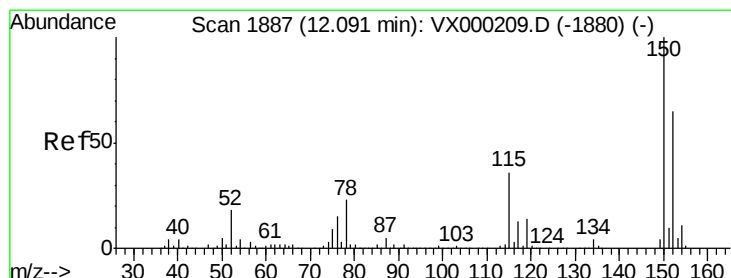
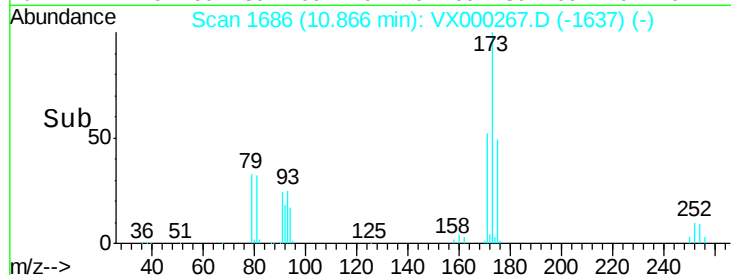
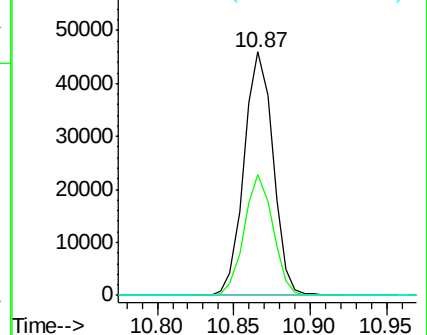
173 100

175 49.1 24.4 73.2

254 0.0 0.2 0.2#



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. -0.01 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

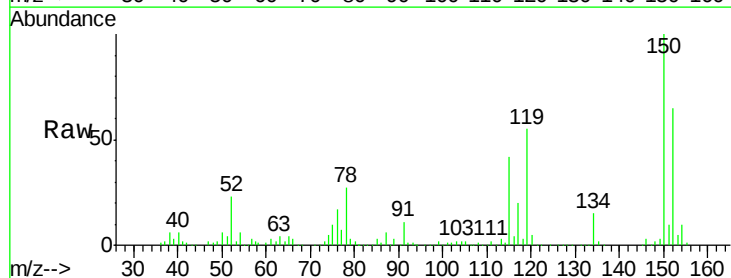
Tgt Ion:152 Resp: 115244

Ion Ratio Lower Upper

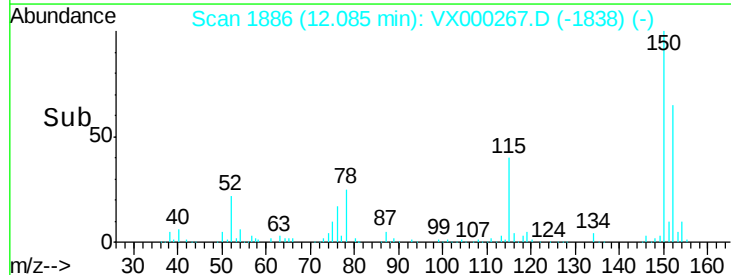
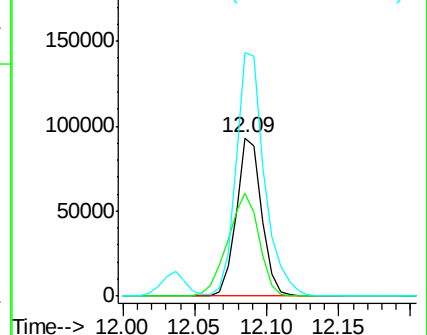
152 100

115 80.2 39.8 119.3

150 172.1 0.0 345.0



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: 47.32 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

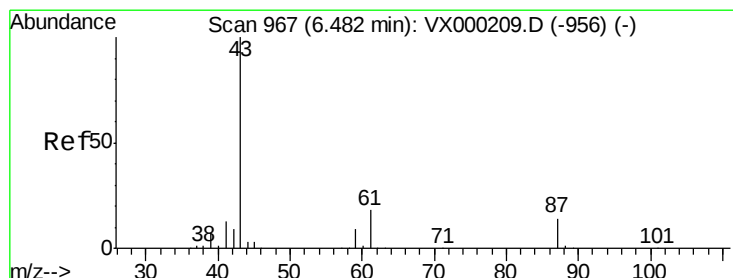
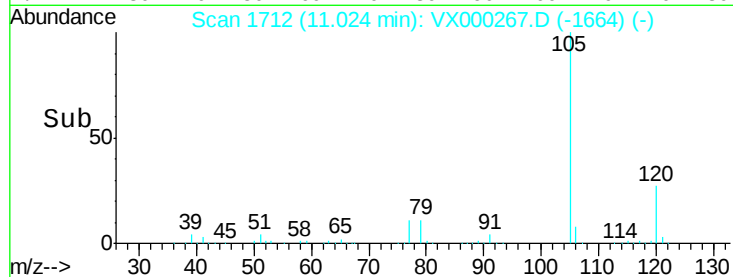
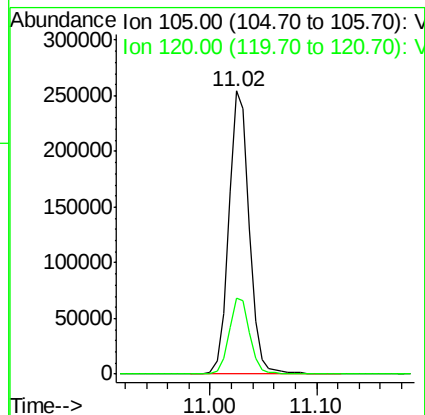
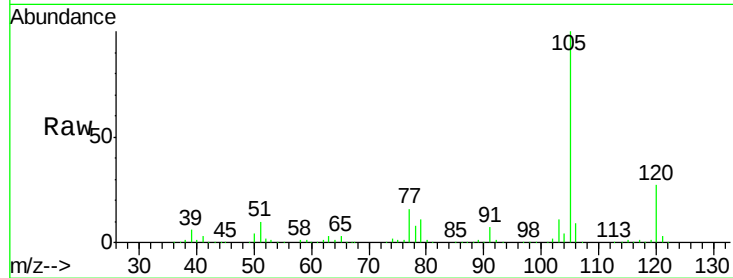
VSTDCCC050EC

Tgt Ion:105 Resp: 341431

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.4



#74

N-ethyl acetate

Concen: 50.93 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.00 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Tgt Ion: 43 Resp: 188018

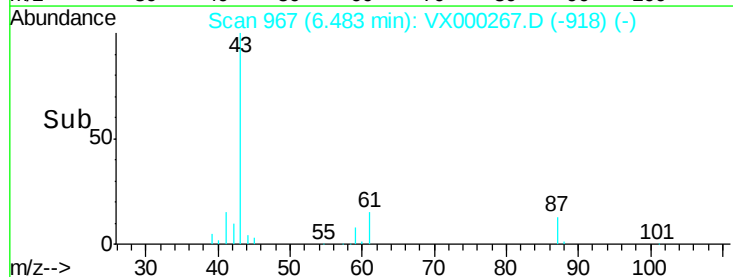
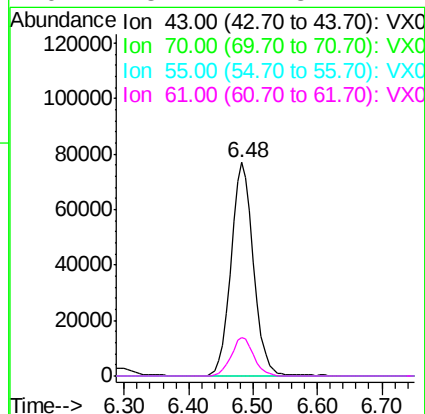
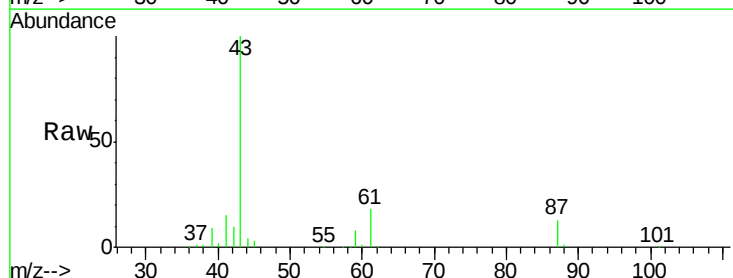
Ion Ratio Lower Upper

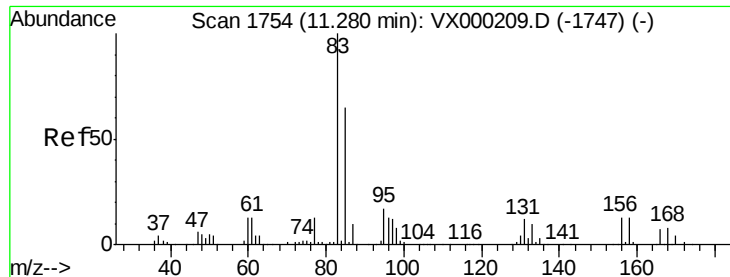
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.1 14.8 22.2





#75

1,1,2,2-Tetrachloroethane

Concen: 54.21 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

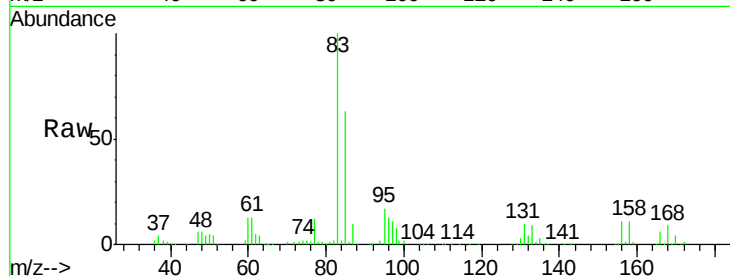
Tgt Ion: 83 Resp: 137133

Ion Ratio Lower Upper

83 100

131 10.5 5.5 16.5

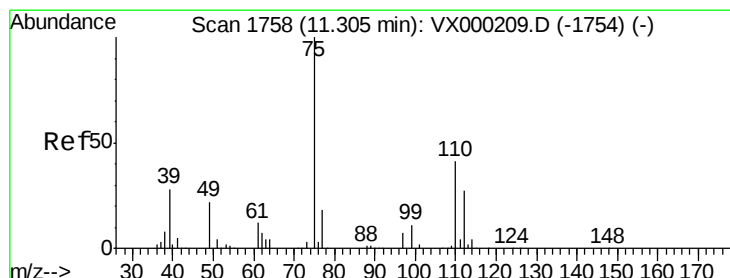
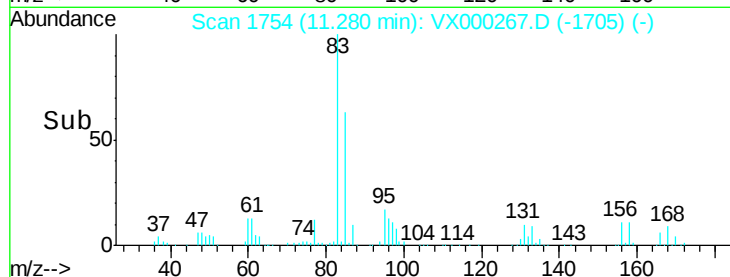
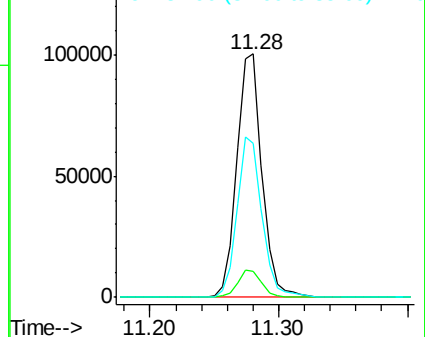
85 65.0 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 66.34 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000267.D

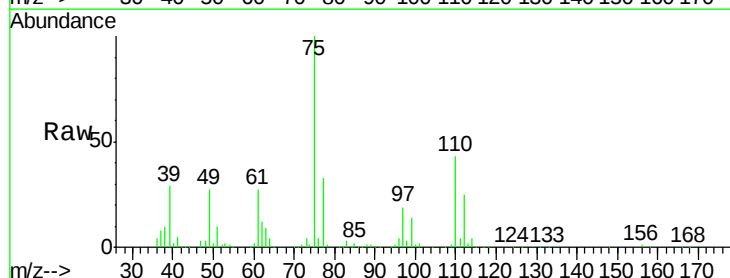
Acq: 09 Mar 2018 20:15

Tgt Ion: 75 Resp: 153253

Ion Ratio Lower Upper

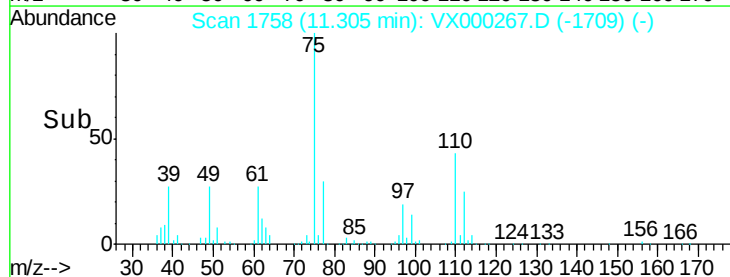
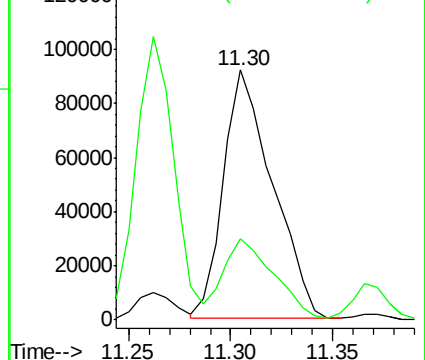
75 100

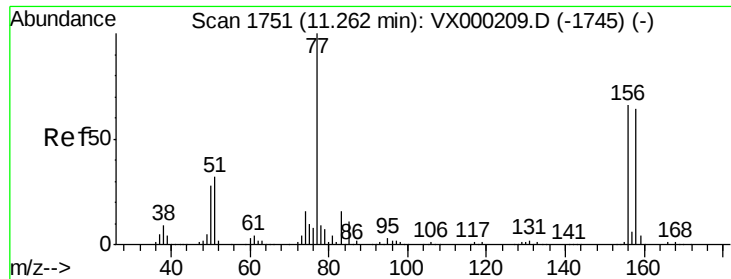
77 33.9 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.07 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

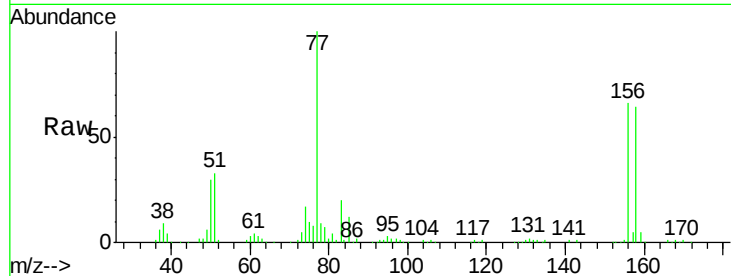
Tgt Ion:156 Resp: 89670

Ion Ratio Lower Upper

156 100

77 150.8 71.9 215.7

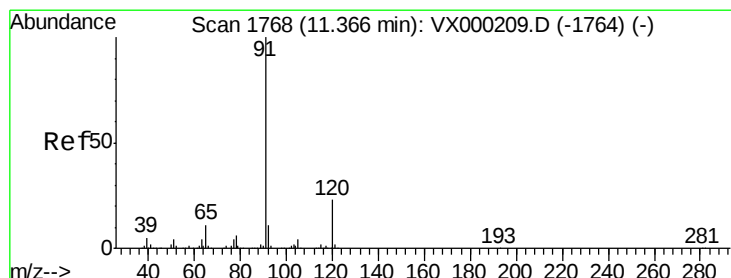
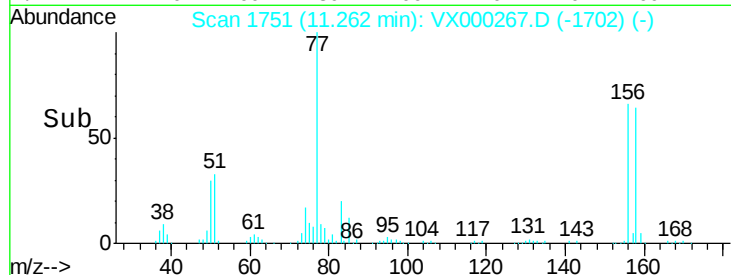
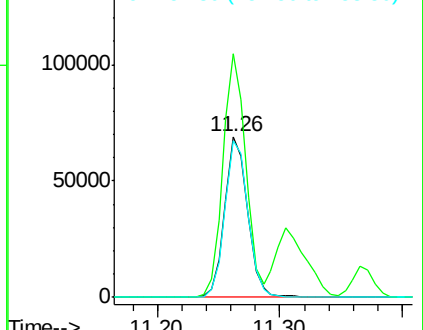
158 98.1 48.0 144.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.01 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000267.D

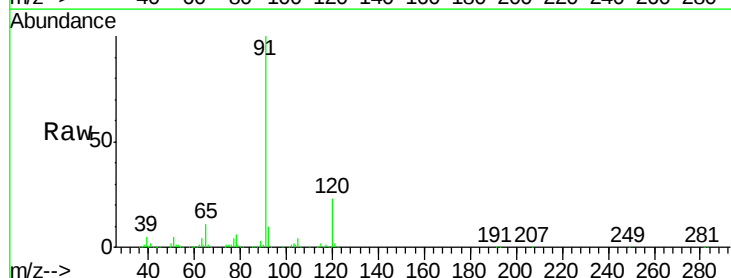
Acq: 09 Mar 2018 20:15

Tgt Ion: 91 Resp: 399211

Ion Ratio Lower Upper

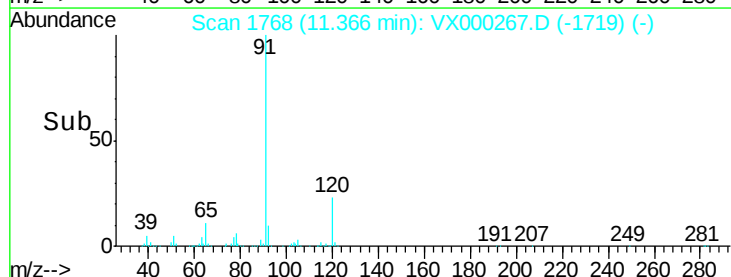
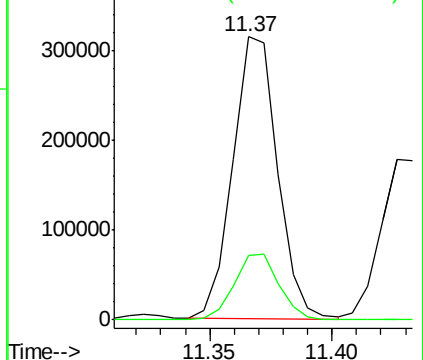
91 100

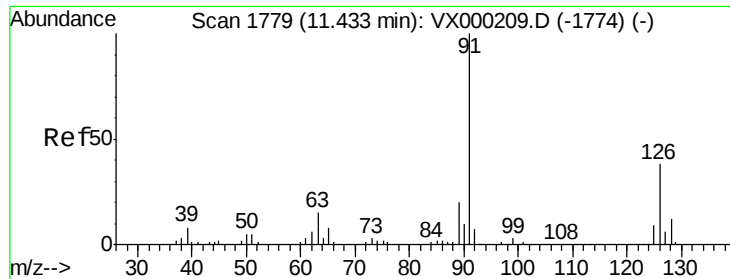
120 23.7 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

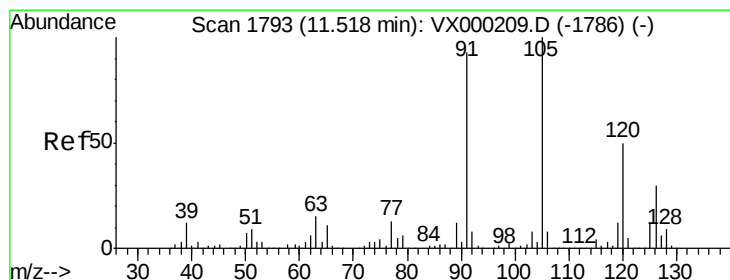
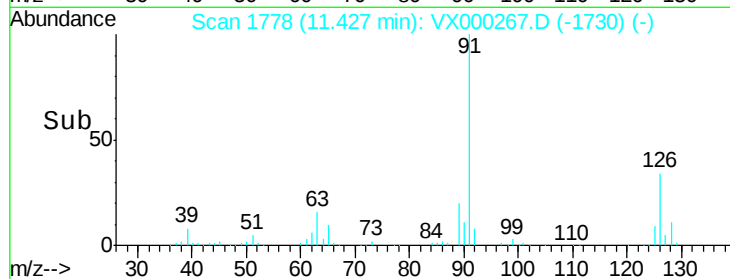
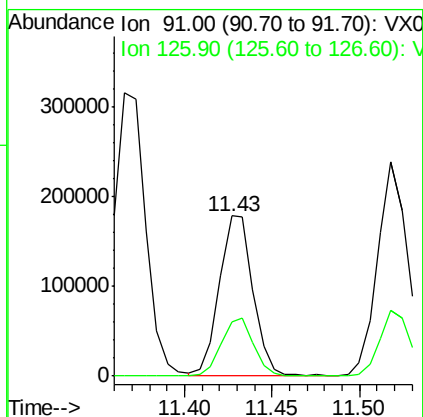
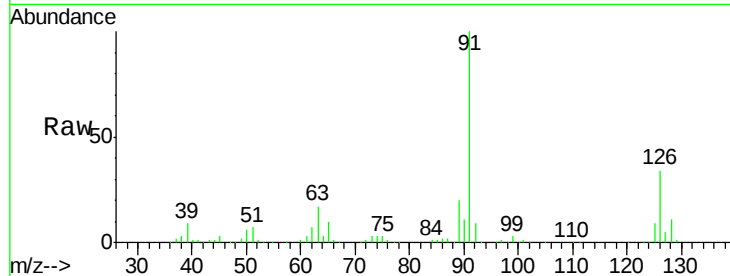




#79
 2-Chlorotoluene
 Concen: 49.48 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX000267.D
 Acq: 09 Mar 2018 20:15

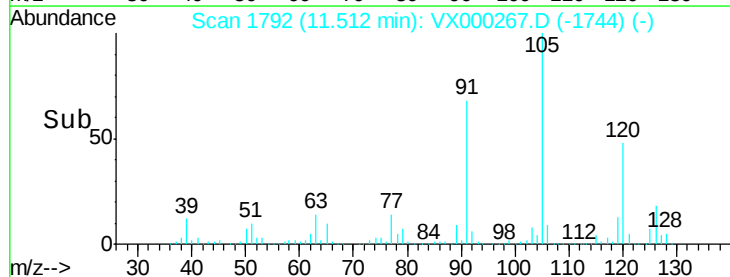
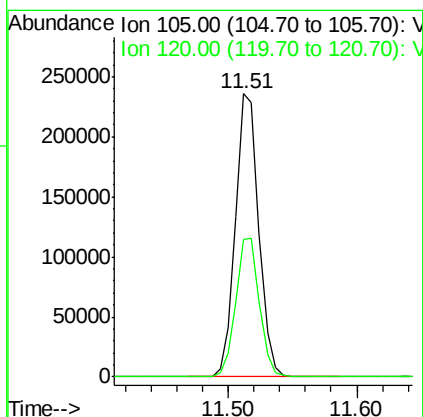
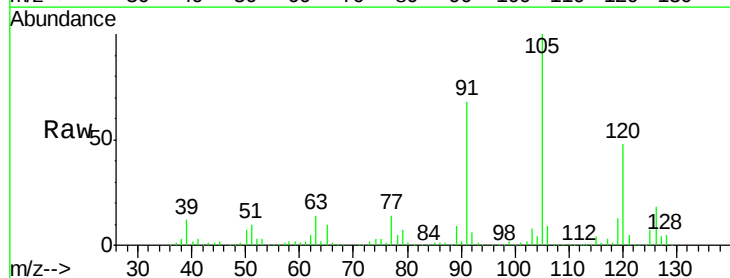
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

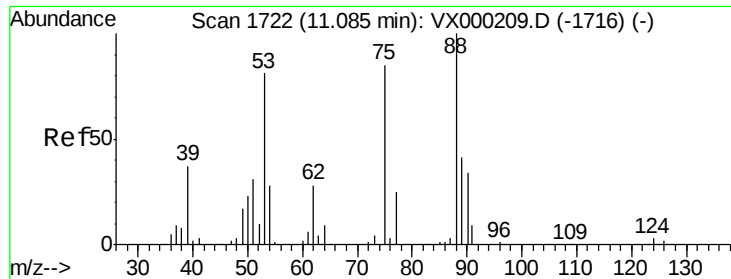
Tgt Ion: 91 Resp: 237032
 Ion Ratio Lower Upper
 91 100
 126 35.2 18.4 55.2



#80
 1,3,5-Trimethylbenzene
 Concen: 49.45 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: VX000267.D
 Acq: 09 Mar 2018 20:15

Tgt Ion: 105 Resp: 297889
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 44.69 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. 0.00 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

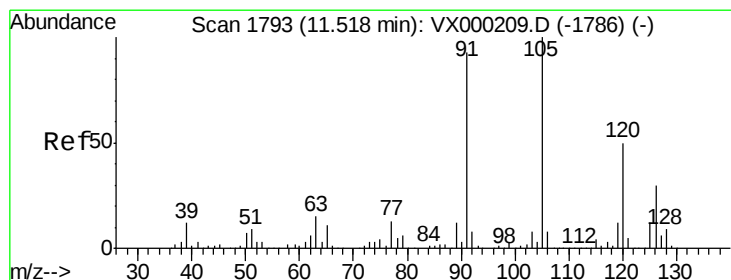
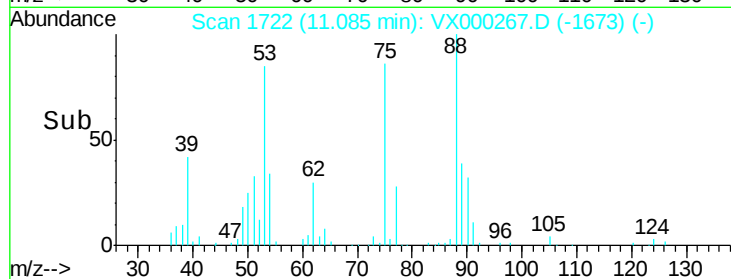
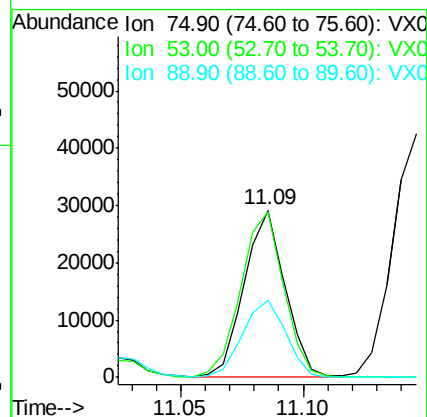
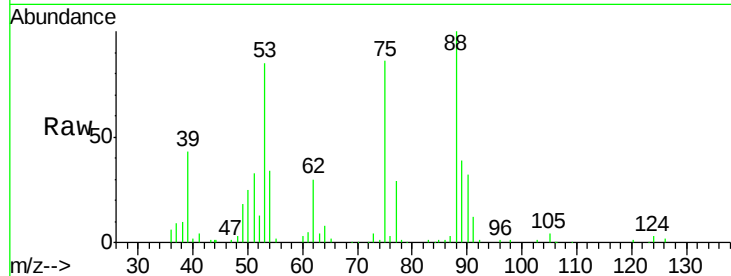
Tgt Ion: 75 Resp: 33714

Ion Ratio Lower Upper

75 100

53 104.5 78.6 118.0

89 49.1 38.8 58.2



#82

4-Chlorotoluene

Concen: 49.71 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000267.D

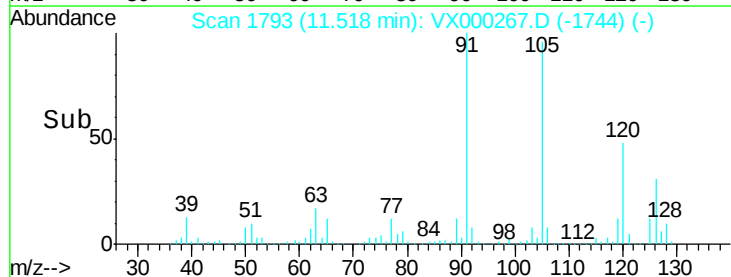
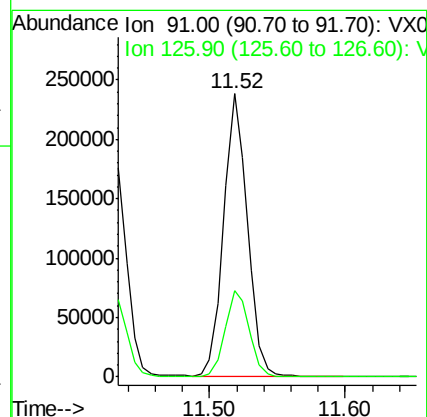
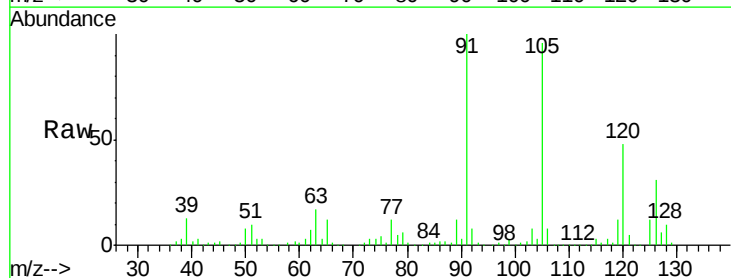
Acq: 09 Mar 2018 20:15

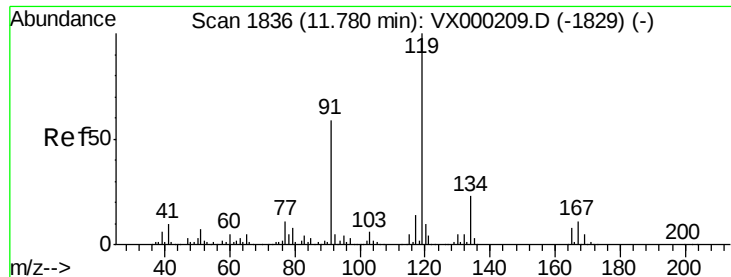
Tgt Ion: 91 Resp: 289498

Ion Ratio Lower Upper

91 100

126 30.9 16.0 48.0

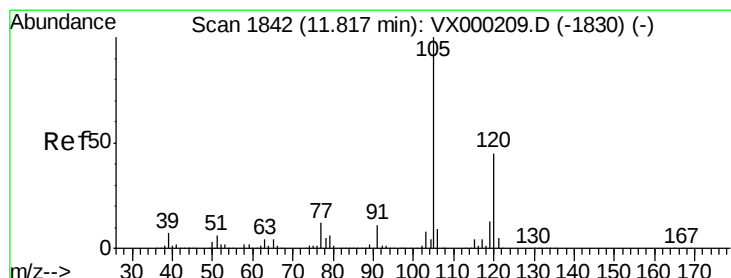
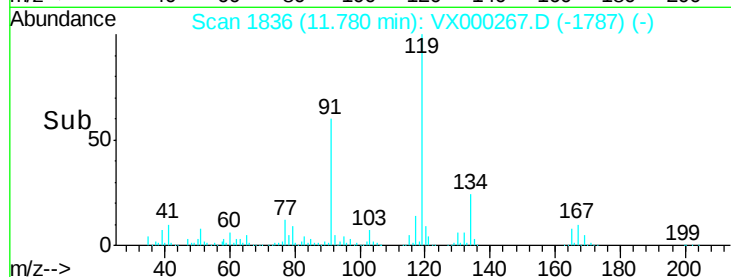
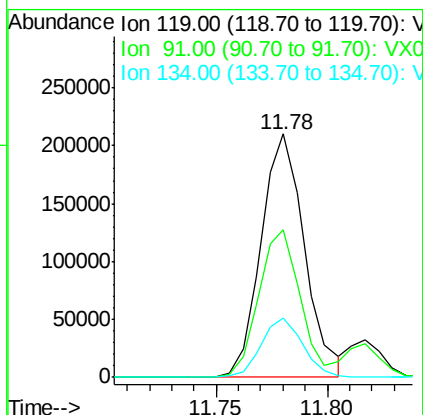
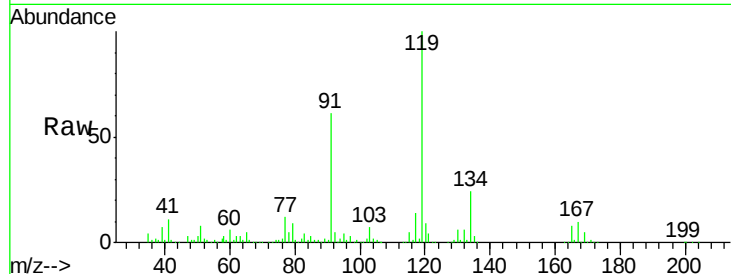




#83
 tert-Butylbenzene
 Concen: 48.56 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000267.D
 Acq: 09 Mar 2018 20:15

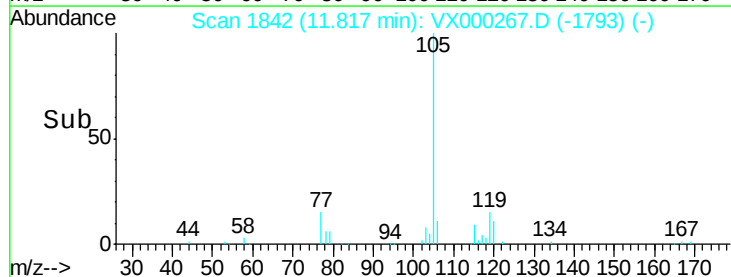
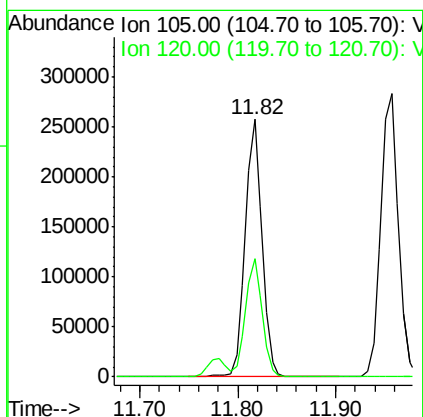
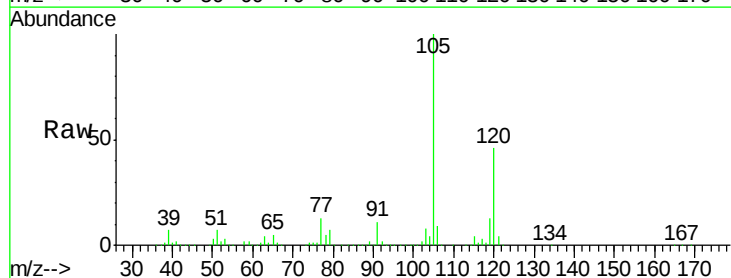
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

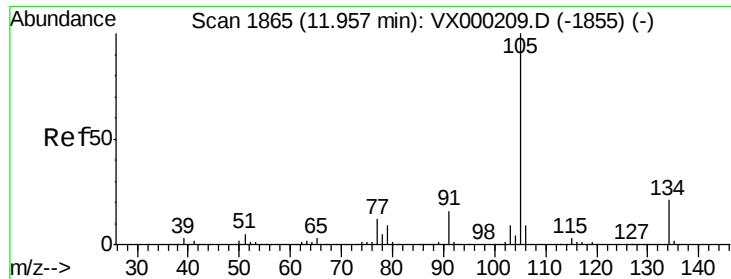
Tgt Ion:119 Resp: 284635
 Ion Ratio Lower Upper
 119 100
 91 57.5 28.9 86.7
 134 23.4 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 49.81 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000267.D
 Acq: 09 Mar 2018 20:15

Tgt Ion:105 Resp: 308579
 Ion Ratio Lower Upper
 105 100
 120 45.5 23.0 69.0





#85

sec-Butylbenzene

Concen: 47.64 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

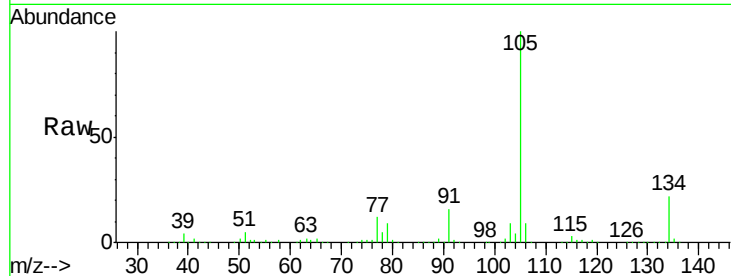
VSTDCCC050EC

Tgt Ion:105 Resp: 353223

Ion Ratio Lower Upper

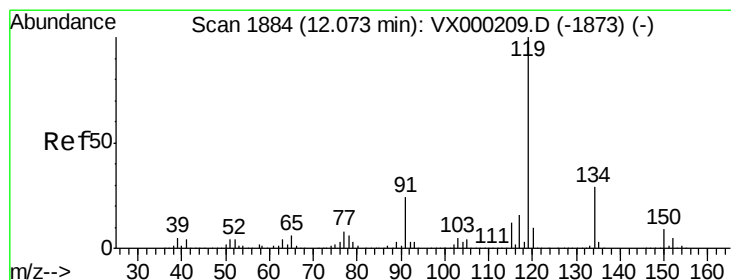
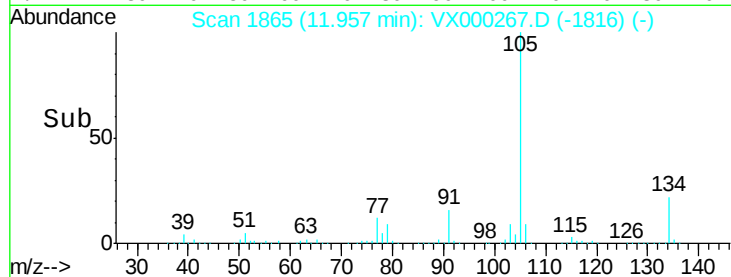
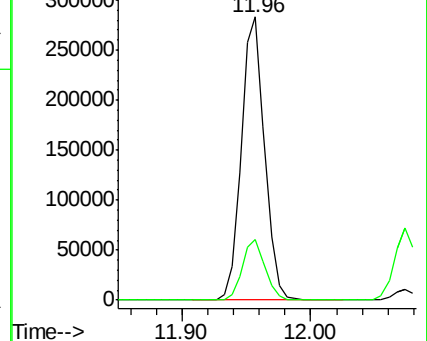
105 100

134 21.0 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.61 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

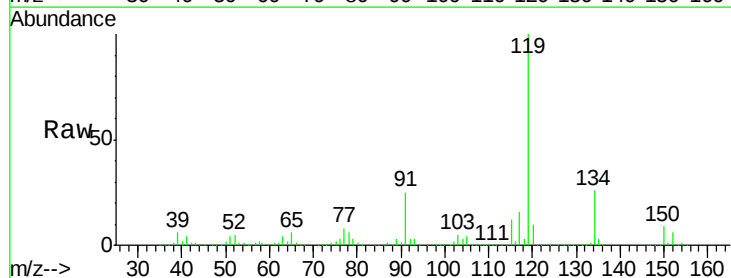
Tgt Ion:119 Resp: 317819

Ion Ratio Lower Upper

119 100

134 26.4 13.8 41.3

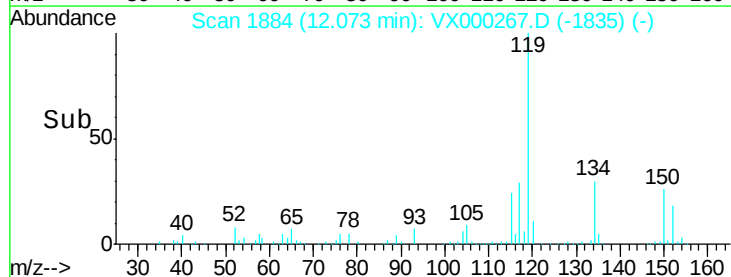
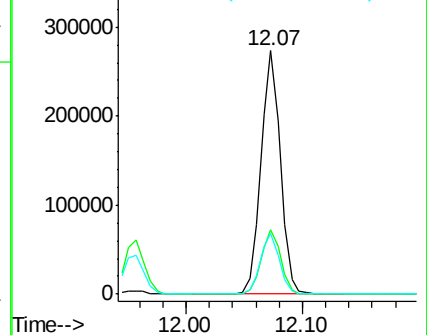
91 24.6 12.0 36.0

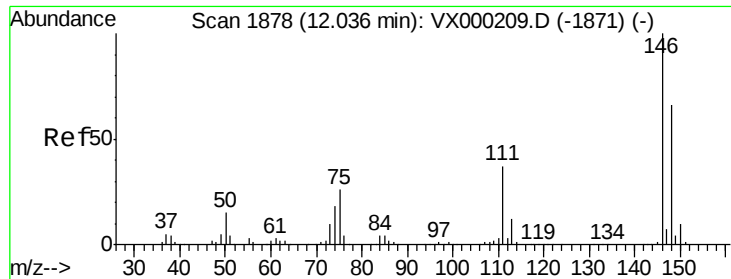


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

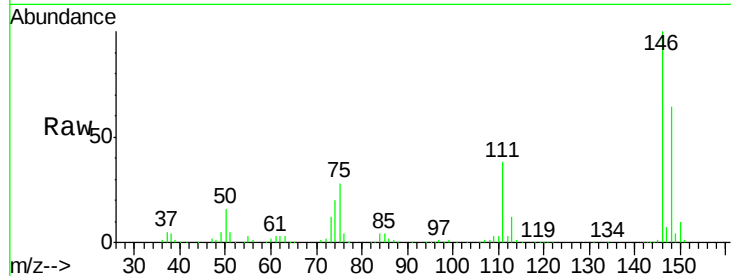




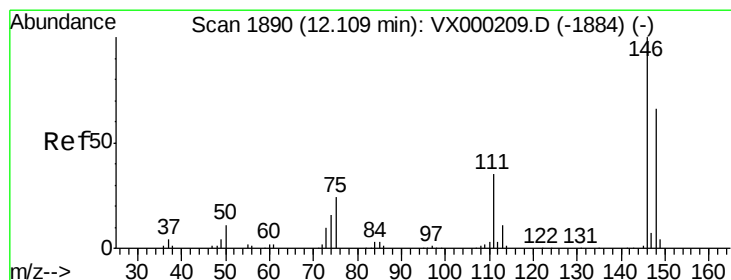
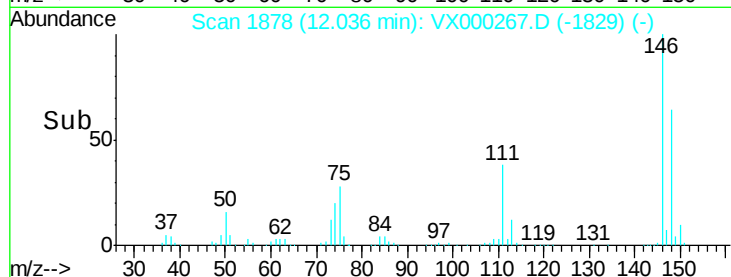
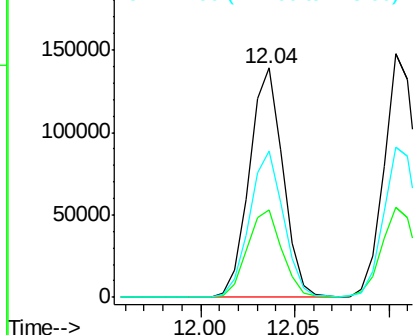
#87
 1,3-Dichlorobenzene
 Concen: 48.61 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000267.D
 Acq: 09 Mar 2018 20:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:146 Resp: 172411
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.0 57.0
 148 64.5 32.1 96.3

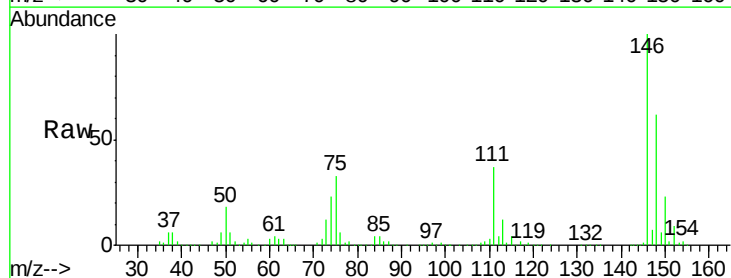


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

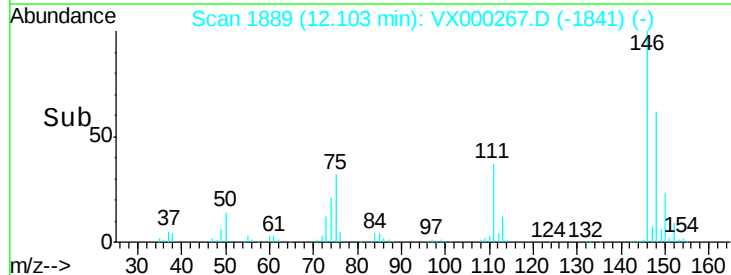
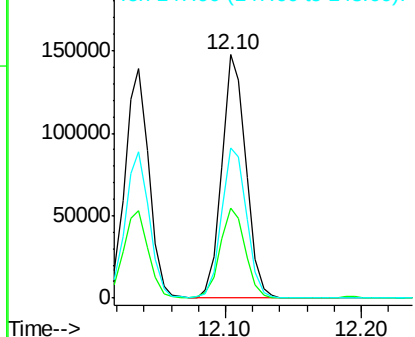


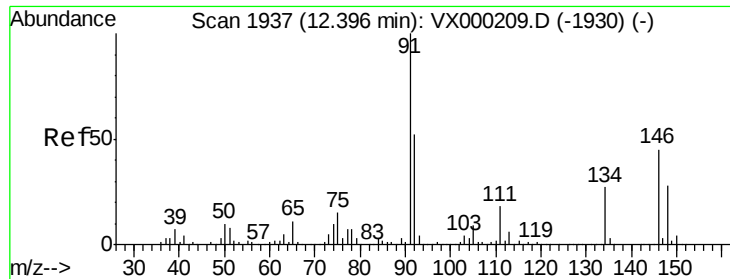
#88
 1,4-Dichlorobenzene
 Concen: 48.70 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000267.D
 Acq: 09 Mar 2018 20:15

Tgt Ion:146 Resp: 181025
 Ion Ratio Lower Upper
 146 100
 111 38.4 18.9 56.9
 148 64.0 32.6 97.8



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 46.67 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000267.D

Acq: 09 Mar 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

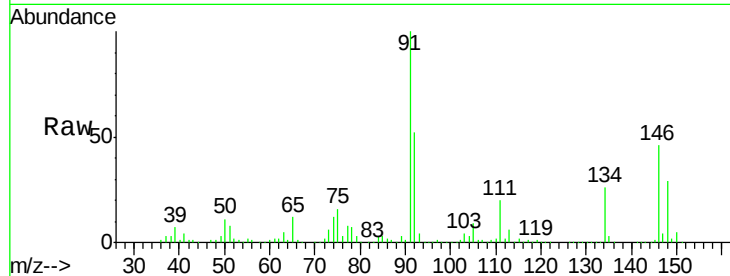
Tgt Ion: 91 Resp: 293862

Ion Ratio Lower Upper

91 100

92 51.5 25.8 77.4

134 26.5 13.5 40.5

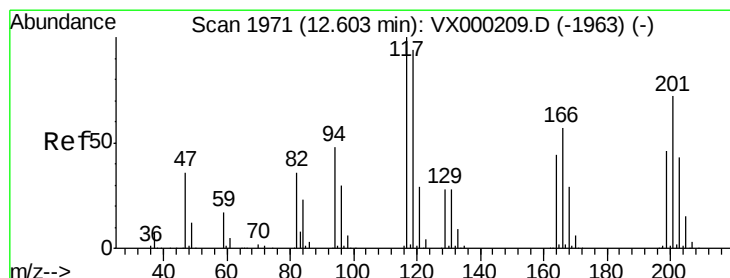
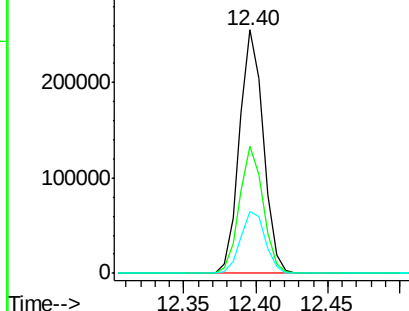
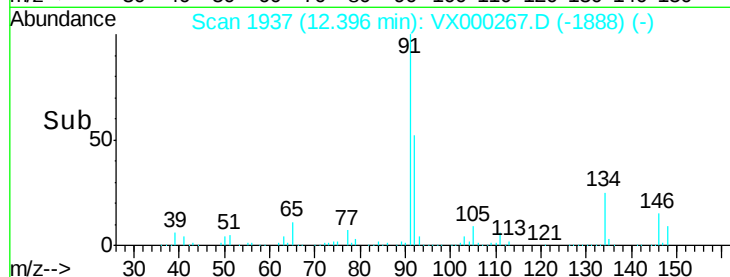


Abundance Ion 91.00 (90.70 to 91.70): VX000209.D (-1930) (-)

Ion 92.00 (91.70 to 92.70): VX000209.D (-1930) (-)

Ion 134.00 (133.70 to 134.70): VX000209.D (-1930) (-)

Time-->



#90

Hexachloroethane

Concen: 46.36 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX000267.D

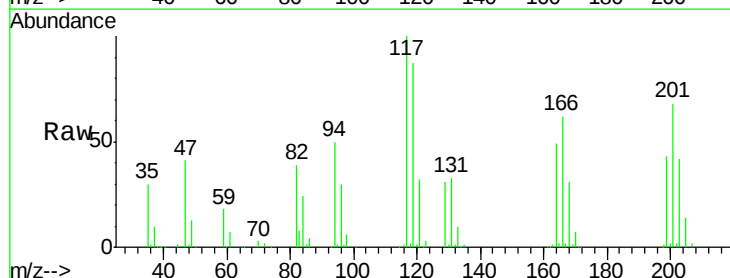
Acq: 09 Mar 2018 20:15

Tgt Ion: 117 Resp: 48840

Ion Ratio Lower Upper

117 100

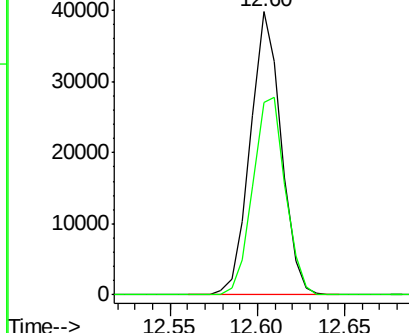
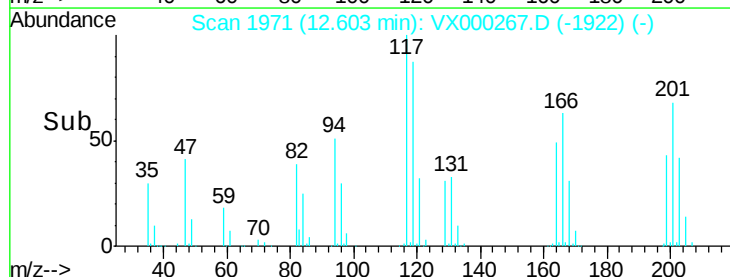
201 73.6 38.2 114.6

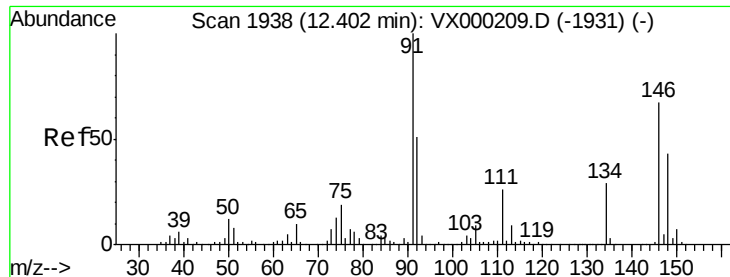


Abundance Ion 116.80 (116.50 to 117.50): VX000209.D (-1963) (-)

Ion 200.70 (200.40 to 201.40): VX000209.D (-1963) (-)

Time-->

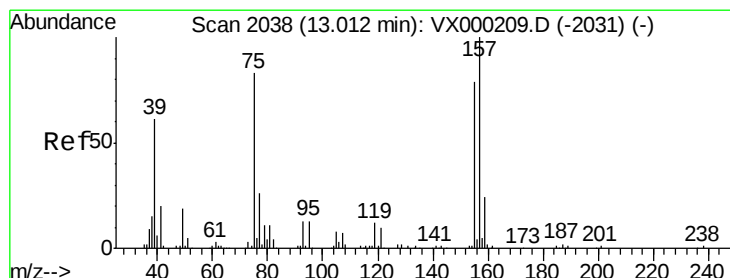
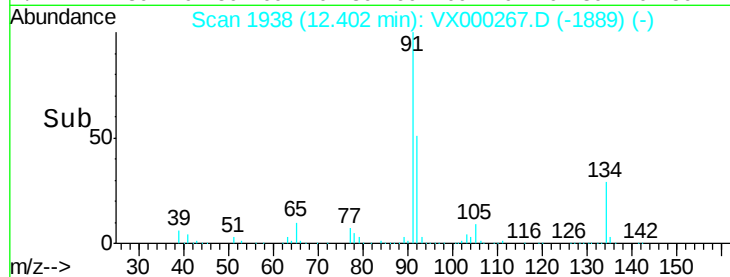
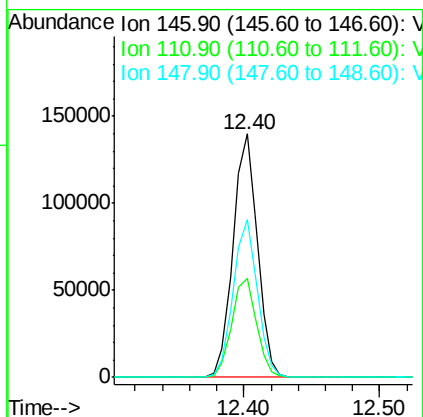
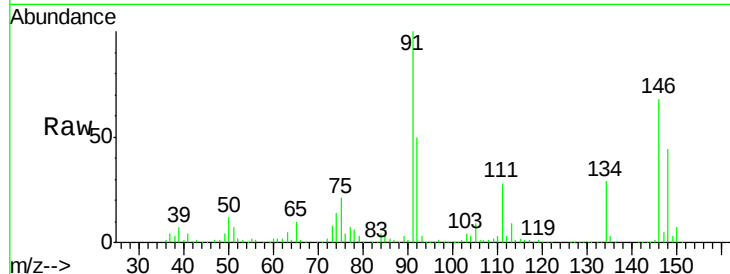




#91
 1,2-Dichlorobenzene
 Concen: 49.60 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000267.D
 Acq: 09 Mar 2018 20:15

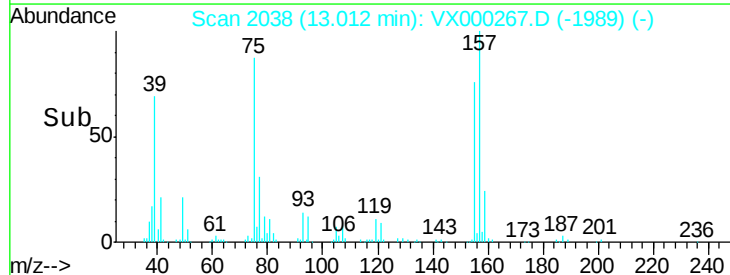
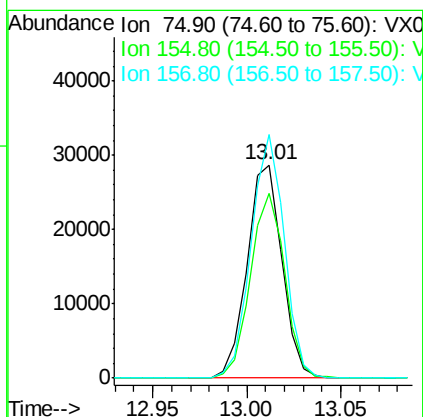
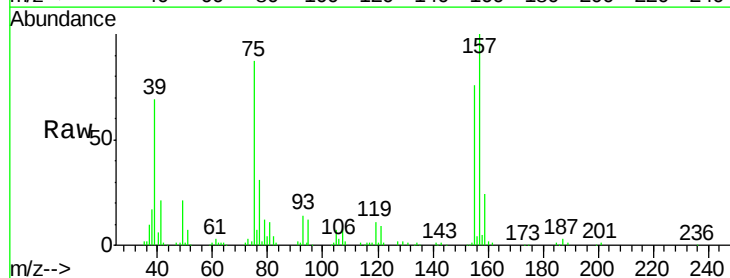
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

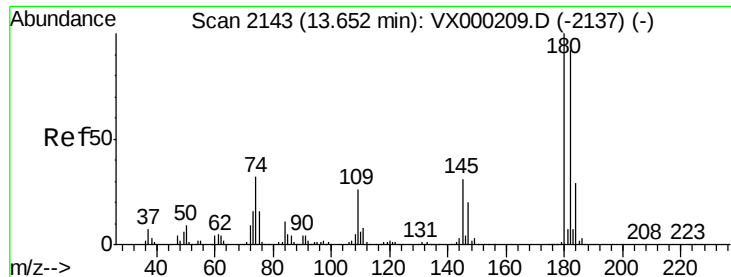
Tgt Ion:146 Resp: 174177
 Ion Ratio Lower Upper
 146 100
 111 41.5 19.7 59.0
 148 64.5 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.71 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. 0.00 min
 Lab File: VX000267.D
 Acq: 09 Mar 2018 20:15

Tgt Ion: 75 Resp: 36731
 Ion Ratio Lower Upper
 75 100
 155 85.7 45.5 136.5
 157 108.9 58.6 175.8

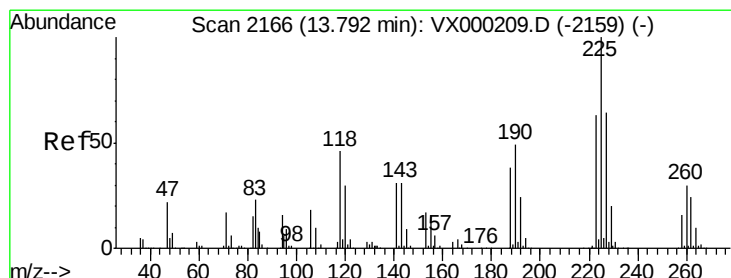
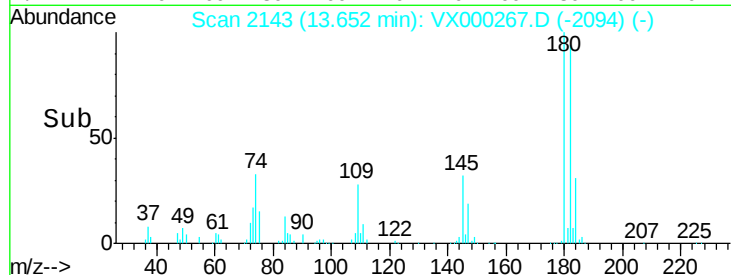
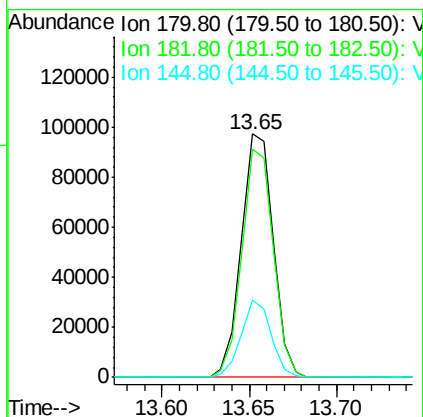
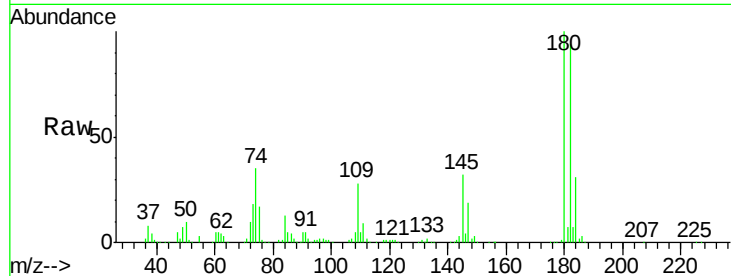




#93
 1,2,4-Trichlorobenzene
 Concen: 48.36 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000267.D
 Acq: 09 Mar 2018 20:15

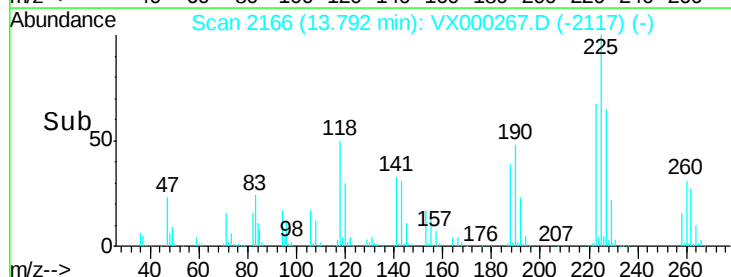
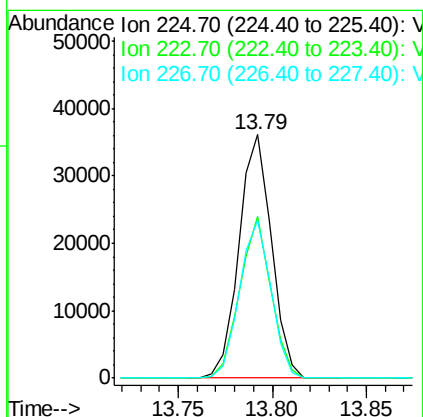
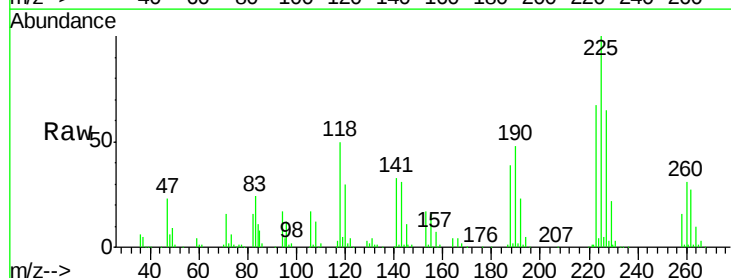
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

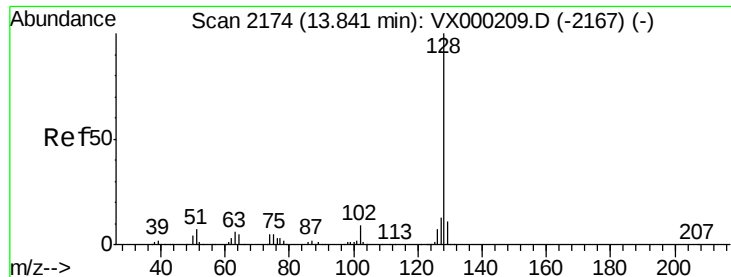
Tgt Ion:180 Resp: 123527
 Ion Ratio Lower Upper
 180 100
 182 92.6 47.0 141.0
 145 30.1 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 40.61 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000267.D
 Acq: 09 Mar 2018 20:15

Tgt Ion:225 Resp: 43171
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.8 95.3
 227 63.0 31.9 95.5

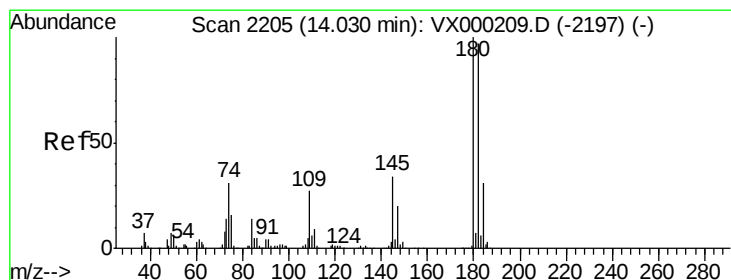
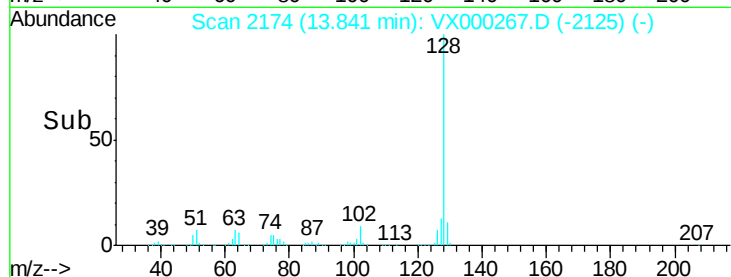
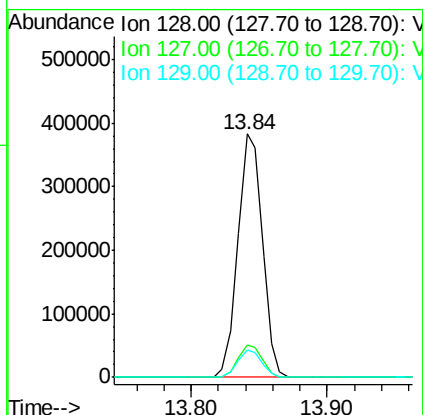
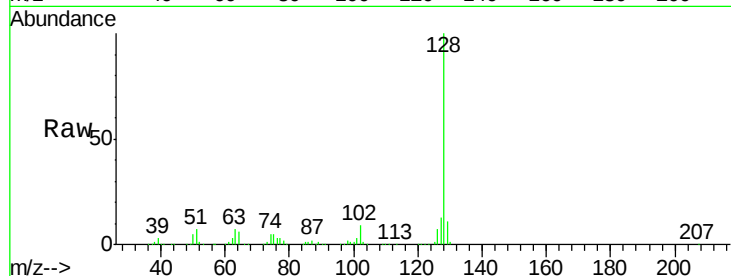




#95
Naphthalene
Concen: 53.89 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 480387
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.68 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VX000267.D
Acq: 09 Mar 2018 20:15

Tgt Ion:180 Resp: 125536
Ion Ratio Lower Upper
180 100
182 93.3 48.0 144.0
145 31.5 16.3 48.8

