

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX101118\
 Data File : VX005279.D
 Acq On : 12 Oct 2018 02:42
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 12 07:15:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	251149	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	328602	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	308990	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	174389	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	134374	37.45	ug/l	0.00
Spiked Amount			Recovery	=	74.90%	
35) Dibromofluoromethane	5.49	113	118776	42.65	ug/l	0.00
Spiked Amount			Recovery	=	85.30%	
50) Toluene-d8	8.71	98	361587	39.05	ug/l	0.00
Spiked Amount			Recovery	=	78.10%	
62) 4-Bromofluorobenzene	11.14	95	140428	42.10	ug/l	0.00
Spiked Amount			Recovery	=	84.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	174099	50.842	ug/l	99
3) Chloromethane	1.32	50	188159	45.290	ug/l	93
4) Vinyl Chloride	1.40	62	201923	51.821	ug/l	89
5) Bromomethane	1.64	94	108294	46.868	ug/l	91
6) Chloroethane	1.71	64	109161	51.474	ug/l	95
7) Trichlorofluoromethane	1.92	101	245567	50.906	ug/l	95
8) Diethyl Ether	2.18	74	100515	47.964	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	133520	48.591	ug/l	97
10) Methyl Iodide	2.50	142	143289	38.969	ug/l	93
11) Tert butyl alcohol	3.08	59	229165	228.446	ug/l	100
12) 1,1-Dichloroethene	2.37	96	128203	47.111	ug/l	86
13) Acrolein	2.29	56	90986	127.479	ug/l	94
14) Allyl chloride	2.73	41	274564	46.242	ug/l	96
15) Acrylonitrile	3.15	53	536275	242.845	ug/l	94
16) Acetone	2.45	43	467475	223.186	ug/l	98
17) Carbon Disulfide	2.56	76	357166	43.679	ug/l	100
18) Methyl Acetate	2.78	43	290504	54.742	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	464475	49.483	ug/l	98
20) Methylene Chloride	2.85	84	152490	50.074	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	136824	45.930	ug/l	95
22) Diisopropyl ether	3.87	45	513243	51.333	ug/l	93
23) Vinyl Acetate	3.82	43	2245024	245.301	ug/l	100
24) 1,1-Dichloroethane	3.69	63	273067	45.785	ug/l	99
25) 2-Butanone	4.71	43	724082	234.526	ug/l	94
26) 2,2-Dichloropropane	4.58	77	138253	33.288	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	160536	48.240	ug/l	96
28) Bromochloromethane	5.01	49	104083	37.059	ug/l	99
29) Tetrahydrofuran	5.17	42	485873	253.198	ug/l	97
30) Chloroform	5.22	83	270091	47.916	ug/l	97
31) Cyclohexane	5.57	56	233421	51.135	ug/l #	81
32) 1,1,1-Trichloroethane	5.50	97	222217	48.272	ug/l	98
36) 1,1-Dichloropropene	5.79	75	192309	50.612	ug/l	97
37) Ethyl Acetate	4.87	43	267259	52.988	ug/l	98
38) Carbon Tetrachloride	5.78	117	194938	48.806	ug/l #	90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101118\
 Data File : VX005279.D
 Acq On : 12 Oct 2018 02:42
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 12 07:15:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	190904	49.203	ug/l #	84
40) Benzene	6.15	78	570000	47.917	ug/l	97
41) Methacrylonitrile	5.07	41	153006	54.701	ug/l	96
42) 1,2-Dichloroethane	6.20	62	199248	47.381	ug/l	98
43) Isopropyl Acetate	6.46	43	350713	48.176	ug/l	97
44) Trichloroethene	7.21	130	141341	48.333	ug/l	98
45) 1,2-Dichloropropane	7.52	63	138024	47.314	ug/l	98
46) Dibromomethane	7.66	93	89405	48.766	ug/l	99
47) Bromodichloromethane	7.90	83	174432	50.818	ug/l	100
48) Methyl methacrylate	7.78	41	174697	52.871	ug/l	99
49) 1,4-Dioxane	7.76	88	75749	922.759	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1237646	270.008	ug/l	98
52) Toluene	8.79	92	321773	49.227	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	186419	48.060	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	199740	49.163	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	134896	47.114	ug/l	96
56) Ethyl methacrylate	9.18	69	212035	45.886	ug/l	98
57) 1,3-Dichloropropane	9.37	76	224810	47.176	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	450112	186.298	ug/l	99
59) 2-Hexanone	9.50	43	943404	246.983	ug/l	95
60) Dibromochloromethane	9.59	129	144409	50.432	ug/l	100
61) 1,2-Dibromoethane	9.68	107	139067	45.353	ug/l	94
64) Tetrachloroethene	9.34	164	139172	45.763	ug/l	95
65) Chlorobenzene	10.14	112	366577	46.265	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	136269	48.920	ug/l	99
67) Ethyl Benzene	10.25	91	620441	49.322	ug/l	95
68) m/p-Xylenes	10.36	106	484913	98.647	ug/l	96
69) o-Xylene	10.70	106	232977	51.601	ug/l	100
70) Styrene	10.71	104	398672	47.331	ug/l	100
71) Bromoform	10.86	173	123915	51.961	ug/l #	97
73) Isopropylbenzene	11.02	105	634826	57.754	ug/l	99
74) N-amyl acetate	10.90	43	309138	51.127	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	228479	51.063	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	256815	65.704	ug/l	84
77) Bromobenzene	11.26	156	174817	54.755	ug/l	97
78) n-propylbenzene	11.36	91	724978	57.483	ug/l	100
79) 2-Chlorotoluene	11.42	91	435678	55.421	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	548171	54.429	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	59230	41.674	ug/l	99
82) 4-Chlorotoluene	11.51	91	515164	55.675	ug/l	100
83) tert-Butylbenzene	11.77	119	548685	60.628	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	561773	54.087	ug/l	99
85) sec-Butylbenzene	11.94	105	651980	59.146	ug/l	99
86) p-Isopropyltoluene	12.07	119	588827	58.959	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	319891	53.658	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	325118	52.828	ug/l	100
89) n-Butylbenzene	12.39	91	508291	56.040	ug/l	99
90) Hexachloroethane	12.60	117	97999	58.935	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	325271	52.208	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	55035	56.018	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX101118\
Data File : VX005279.D
Acq On : 12 Oct 2018 02:42
Operator : JC/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Oct 12 07:15:57 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

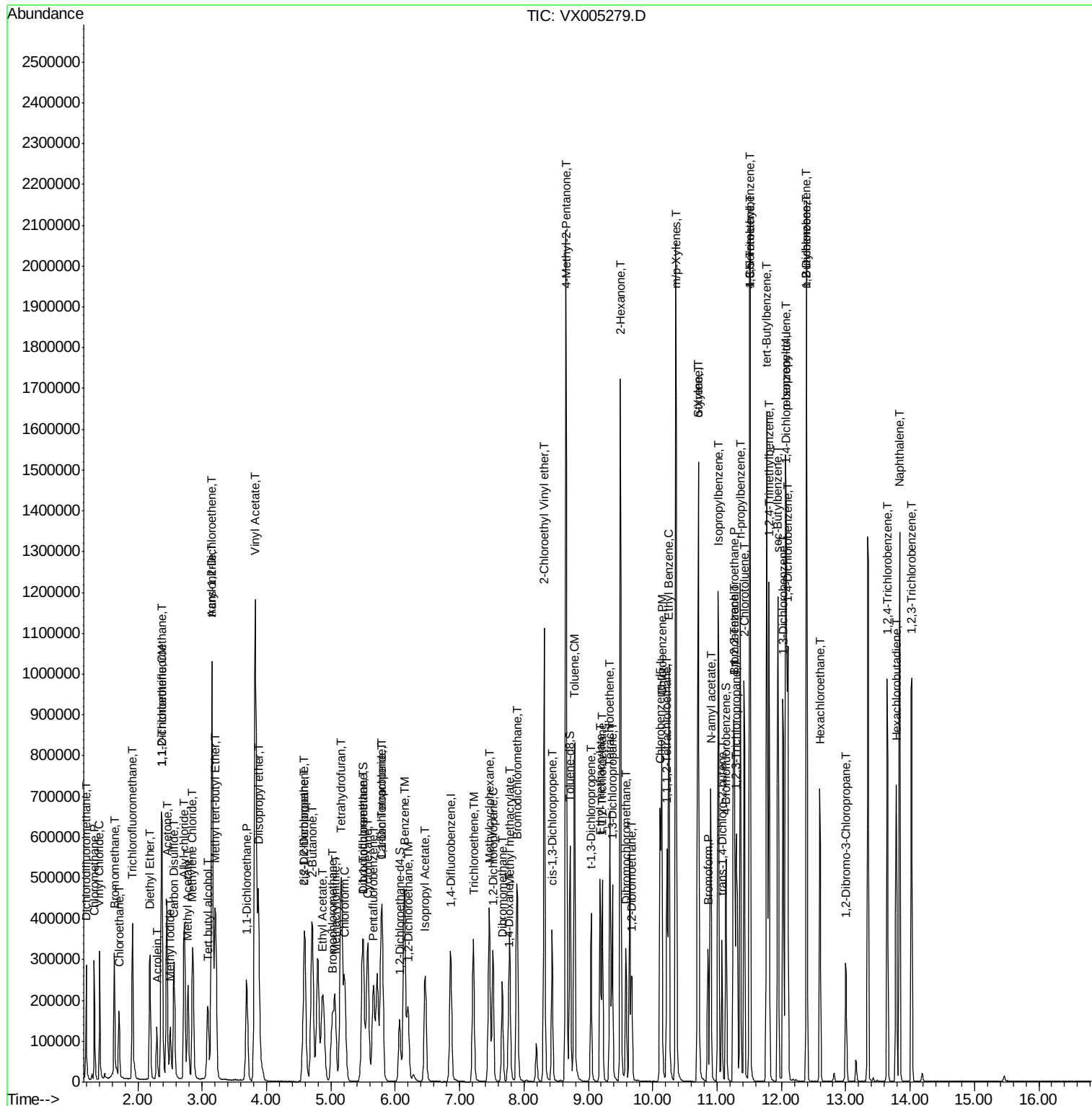
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	248975	56.968	ug/l	100
94) Hexachlorobutadiene	13.79	225	123564	54.522	ug/l	100
95) Naphthalene	13.83	128	787192	54.206	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	260501	57.701	ug/l	99

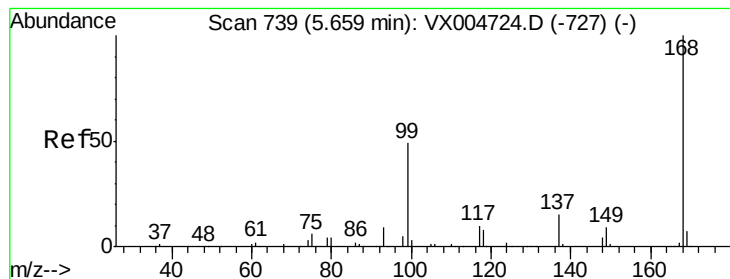
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX101118\
Data File : VX005279.D
Acq On : 12 Oct 2018 02:42
Operator : JC/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Oct 12 07:15:57 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Instrument :

MSVOA_X

ClientSampleId :

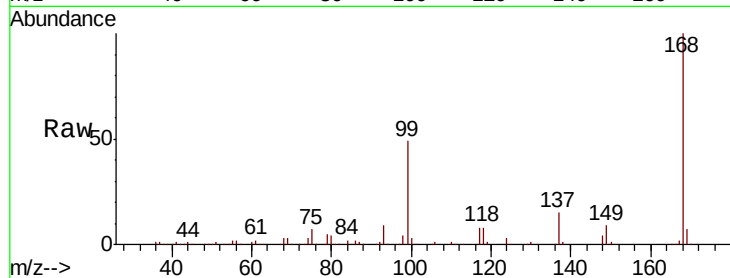
VSTDCCC050EC

Tot Ion:168 Resp: 251149

Ion Ratio Lower Upper

168 100

99 49.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): VX004724.D (-727) (-)

Ion 98.90 (98.60 to 99.60): VX004724.D (-727) (-)

5.66

80000

60000

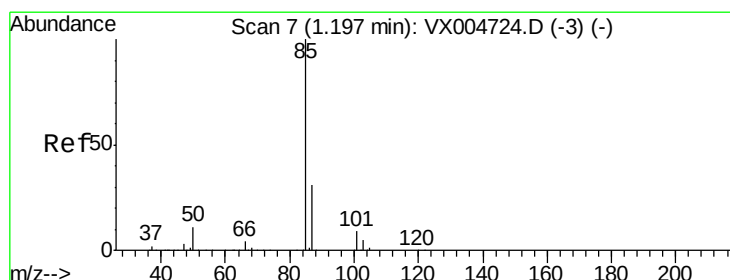
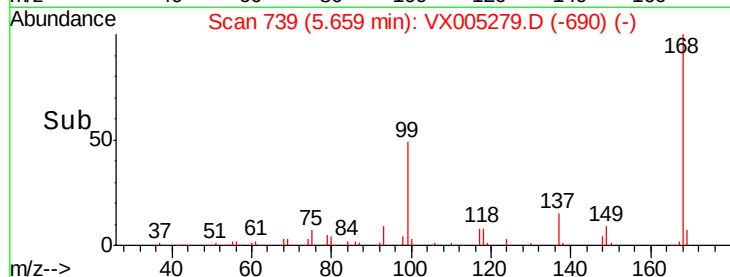
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 50.842 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX005279.D

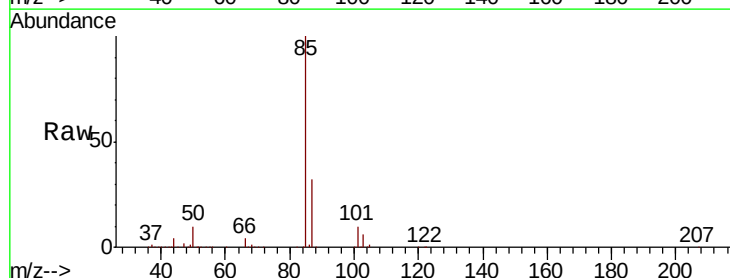
Acq: 12 Oct 2018 02:42

Tgt Ion: 85 Resp: 174099

Ion Ratio Lower Upper

85 100

87 32.1 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX004724.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VX004724.D (-3) (-)

1.20

150000

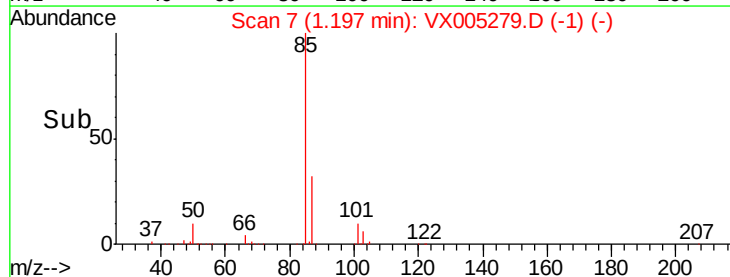
100000

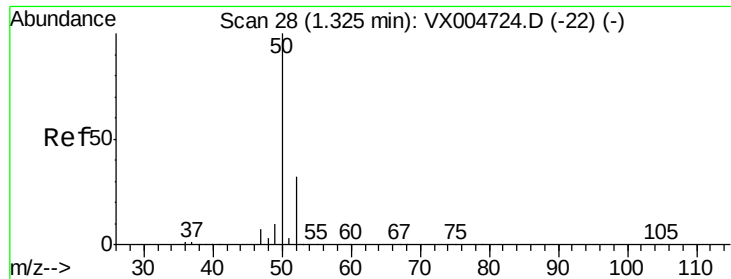
50000

0

1.20 1.30

Time-->





#3

Chloromethane

Concen: 45.290 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Instrument :

MSVOA_X

ClientSampleId :

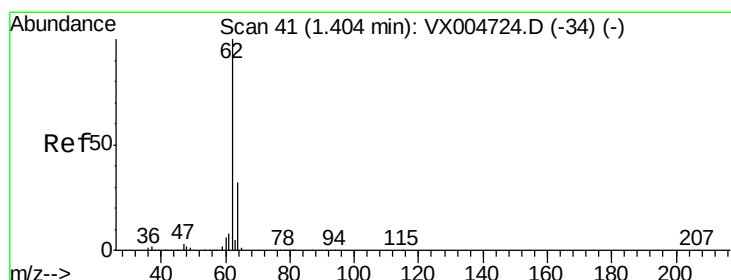
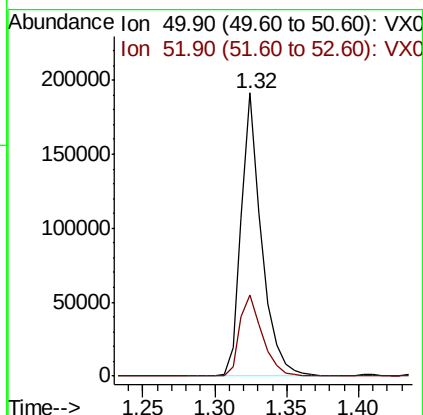
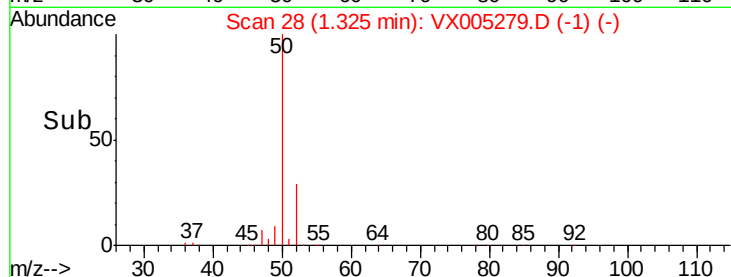
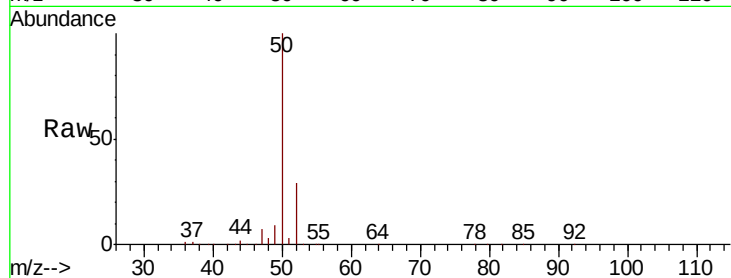
VSTDCCC050EC

Tot Ion: 50 Resp: 188159

Ion Ratio Lower Upper

50 100

52 28.5 25.8 38.6



#4

Vinyl Chloride

Concen: 51.821 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005279.D

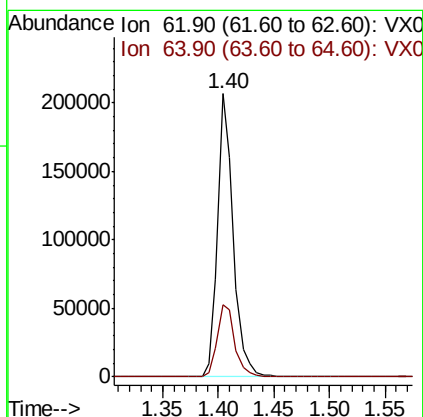
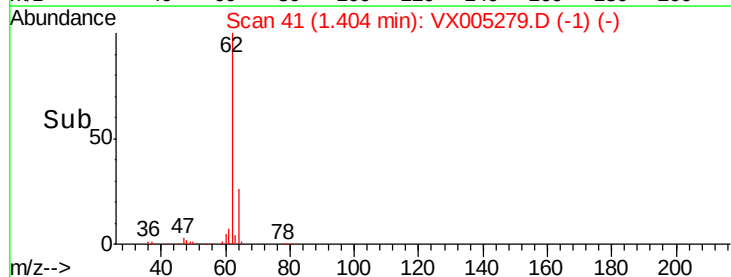
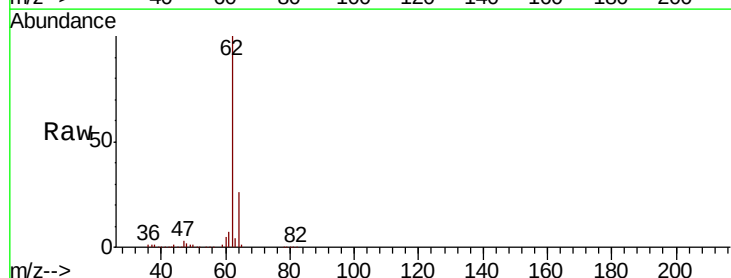
Acq: 12 Oct 2018 02:42

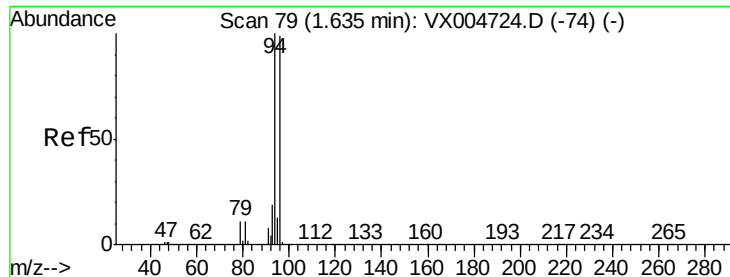
Tgt Ion: 62 Resp: 201923

Ion Ratio Lower Upper

62 100

64 25.6 25.5 38.3





#5

Bromomethane

Concen: 46.868 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Instrument :

MSVOA_X

ClientSampleId :

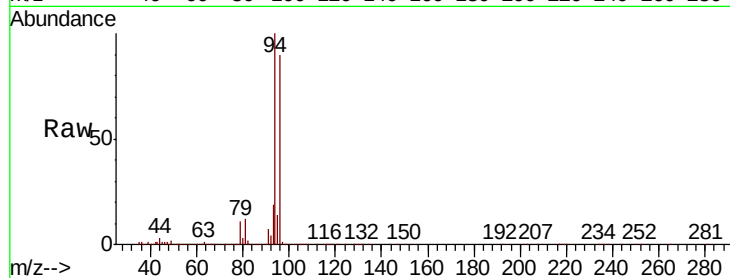
VSTDCCC050EC

Tot Ion: 94 Resp: 108294

Ion Ratio Lower Upper

94 100

96 90.4 79.5 119.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

120000

100000

80000

60000

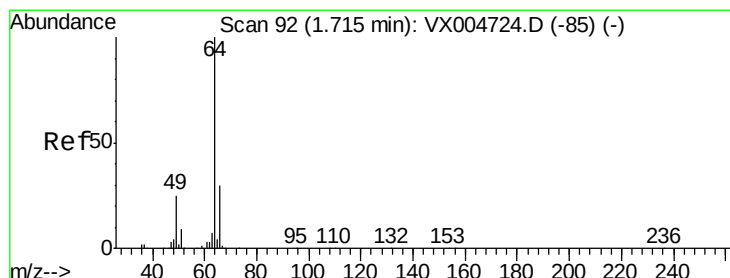
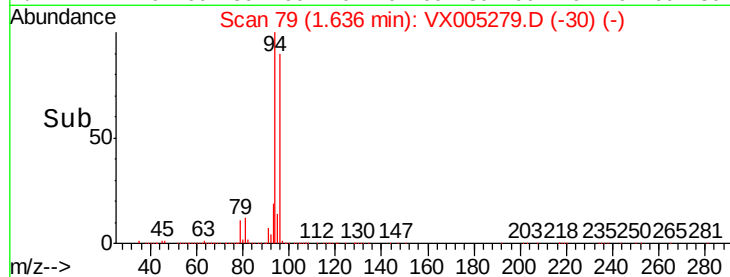
40000

20000

0

1.55 1.60 1.65 1.70 1.75

Time-->



#6

Chloroethane

Concen: 51.474 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX005279.D

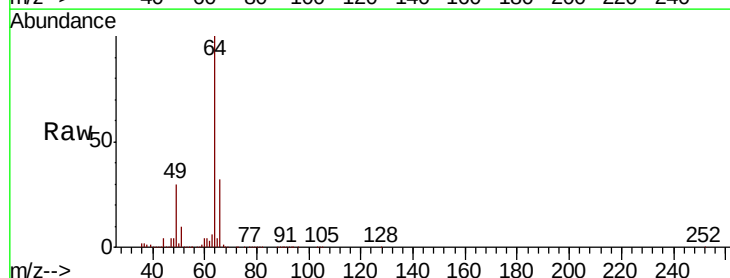
Acq: 12 Oct 2018 02:42

Tgt Ion: 64 Resp: 109161

Ion Ratio Lower Upper

64 100

66 32.2 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

80000

60000

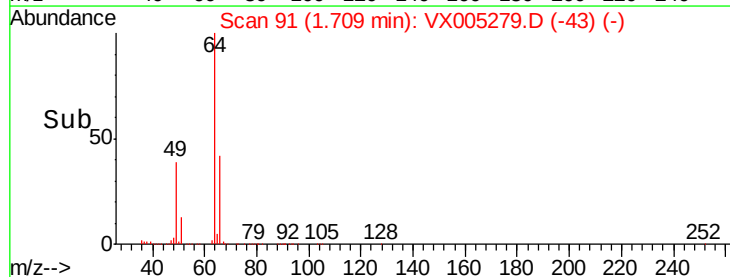
40000

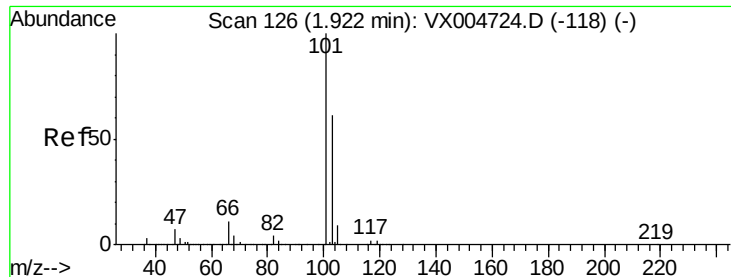
20000

0

1.60 1.65 1.70 1.75 1.80

Time-->



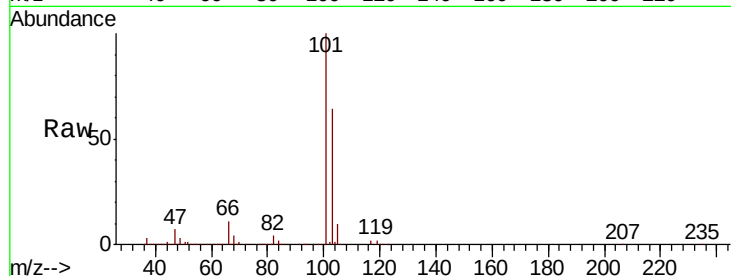


#7

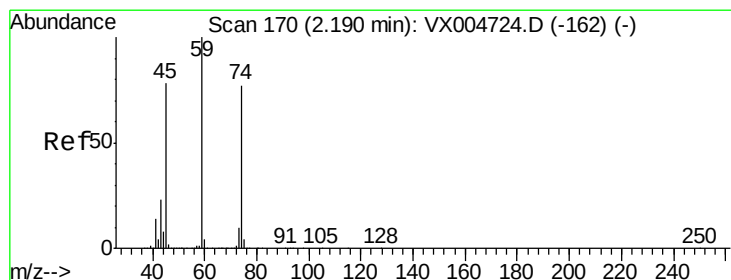
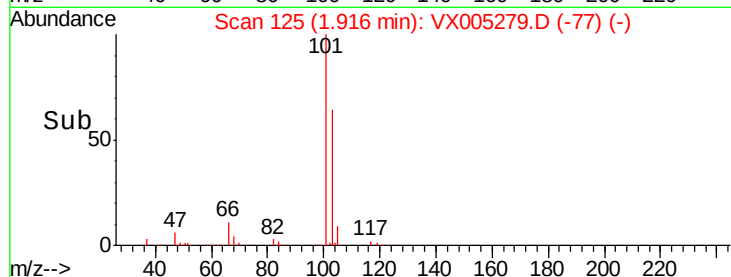
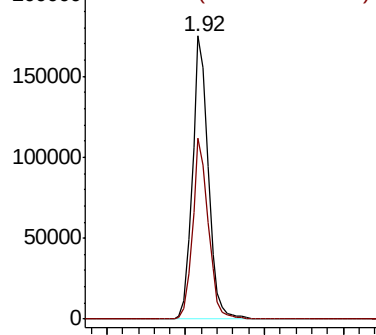
Trichlorofluoromethane
Concen: 50.906 ug/l
RT: 1.92 min Scan# 125
Delta R.T. -0.01 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:101 Resp: 245567
Ion Ratio Lower Upper
101 100
103 64.1 48.4 72.6



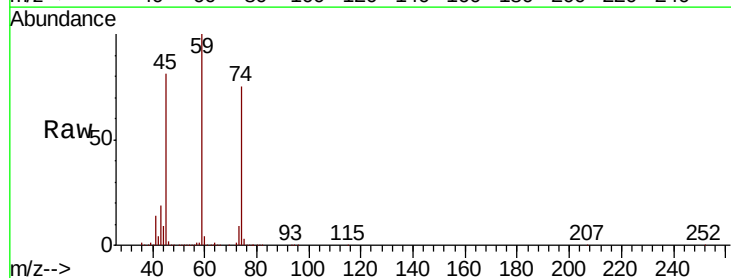
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



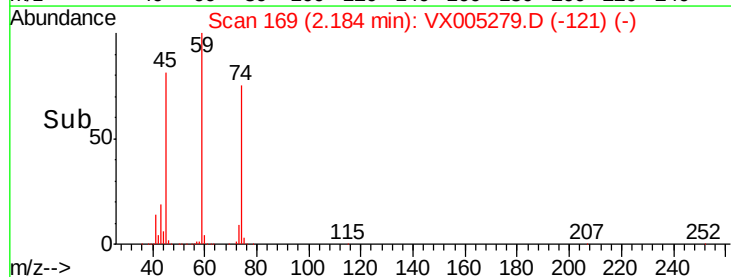
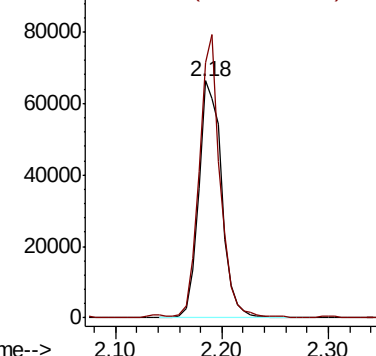
#8

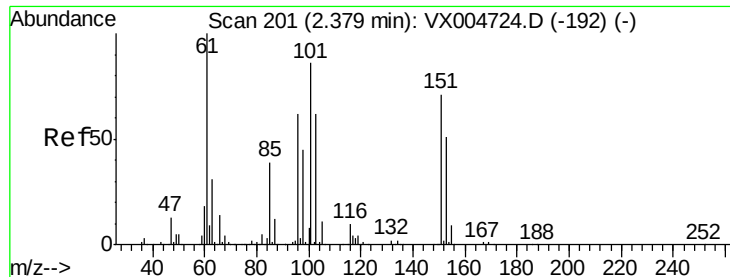
Diethyl Ether
Concen: 47.964 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

Tgt Ion: 74 Resp: 100515
Ion Ratio Lower Upper
74 100
45 107.1 52.5 157.6



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: 48.591 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

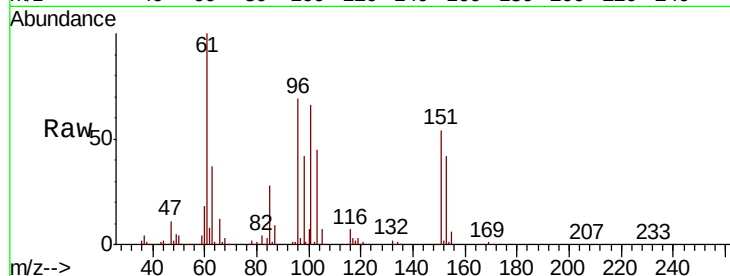
Tot Ion:101 Resp: 133520

Ion Ratio Lower Upper

101 100

85 43.5 35.9 53.9

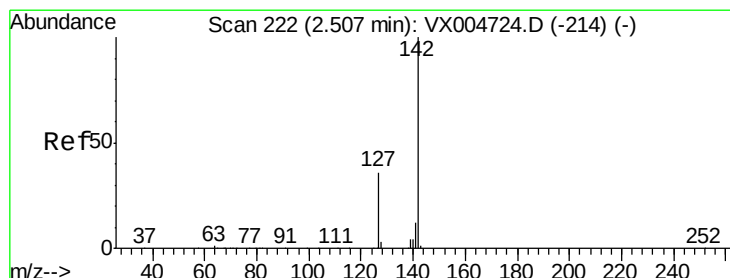
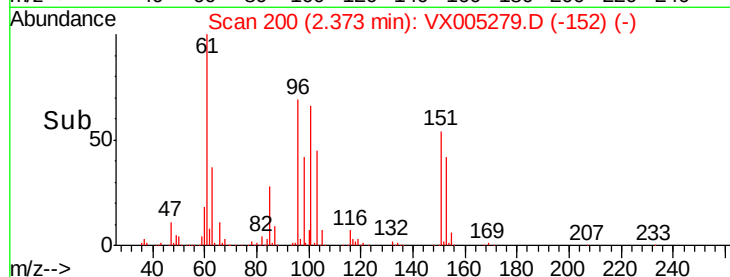
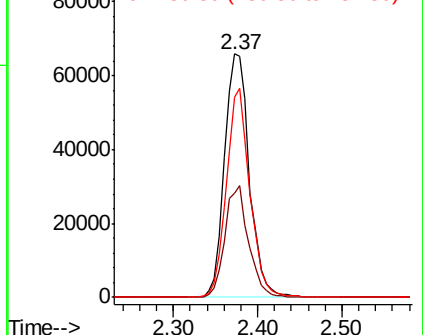
151 80.5 66.6 100.0



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: 38.969 ug/l

RT: 2.50 min Scan# 221

Delta R.T. -0.01 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

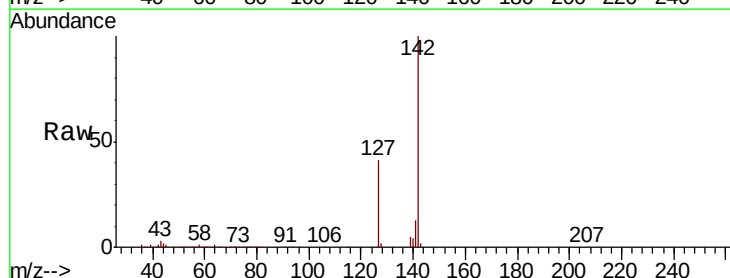
Tgt Ion:142 Resp: 143289

Ion Ratio Lower Upper

142 100

127 42.0 30.1 45.1

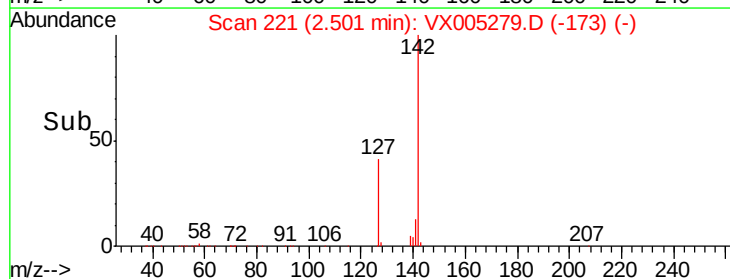
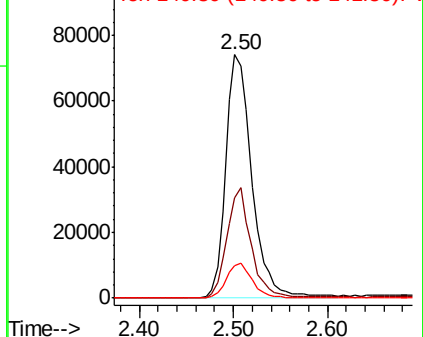
141 14.2 10.1 15.1

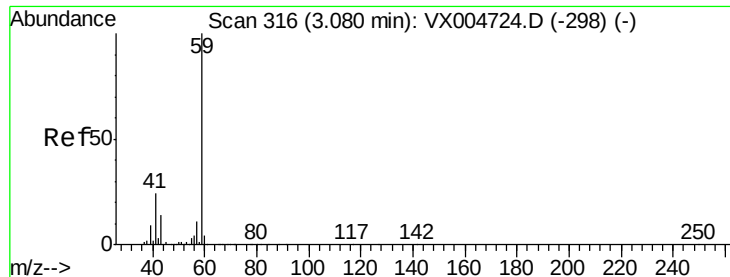


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



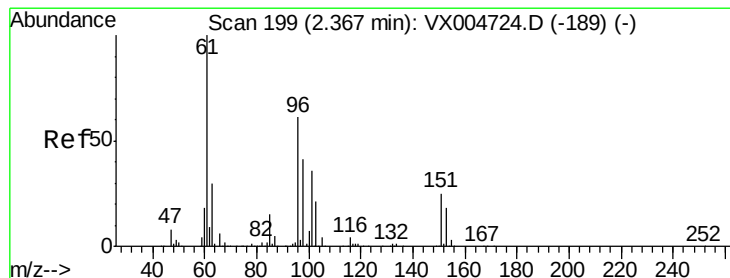
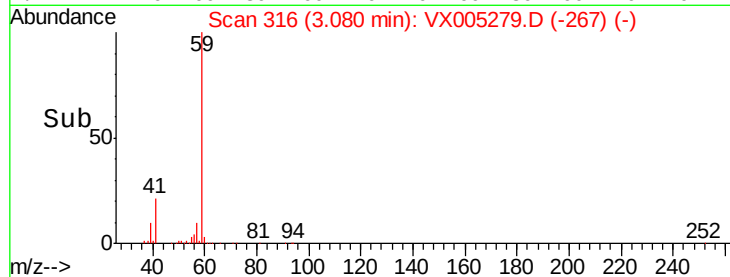
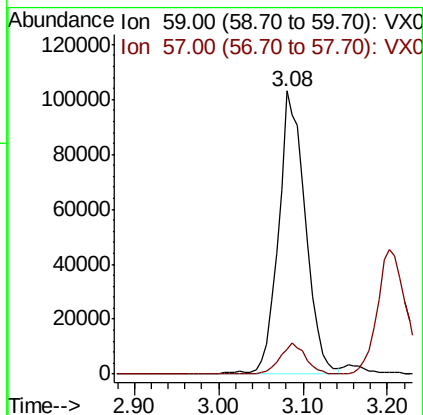
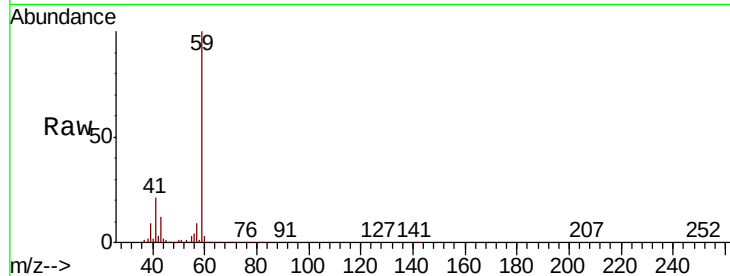


#11

Tert butyl alcohol
 Concen: 228.446 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX005279.D
 Acq: 12 Oct 2018 02:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

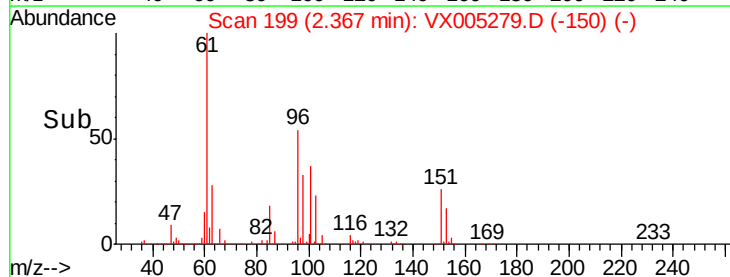
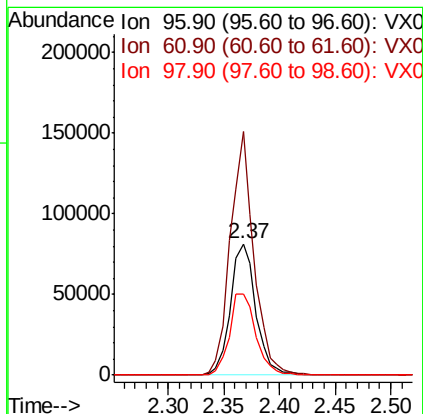
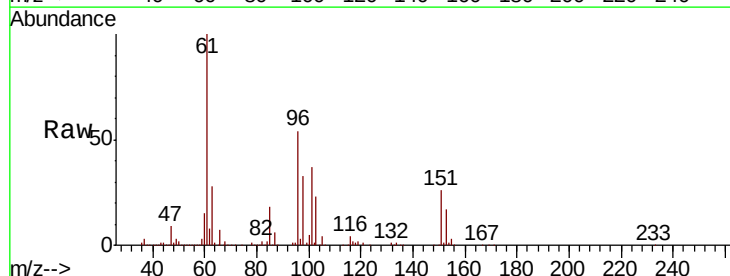
Tot Ion: 59 Resp: 229165
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.6 12.8

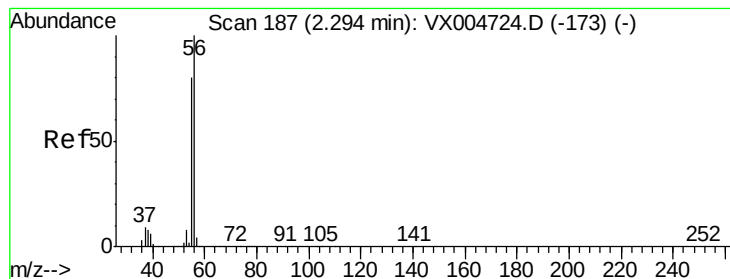


#12

1,1-Dichloroethene
 Concen: 47.111 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. 0.00 min
 Lab File: VX005279.D
 Acq: 12 Oct 2018 02:42

Tgt Ion: 96 Resp: 128203
 Ion Ratio Lower Upper
 96 100
 61 185.3 130.2 195.4
 98 61.4 53.4 80.0





#13

Acrolein

Concen: 127.479 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Instrument :

MSVOA_X

ClientSampleId :

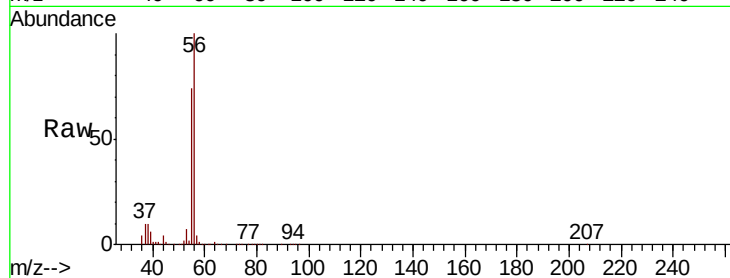
VSTDCCC050EC

Tot Ion: 56 Resp: 90986

Ion Ratio Lower Upper

56 100

55 74.0 63.4 95.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

60000

40000

20000

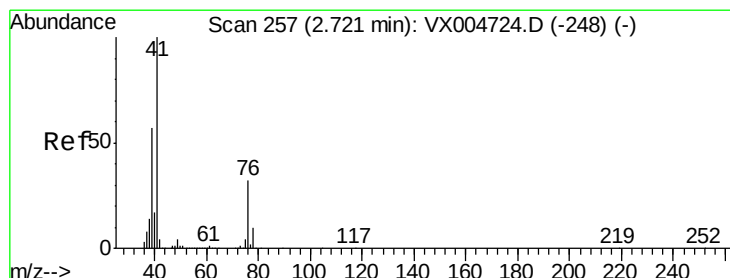
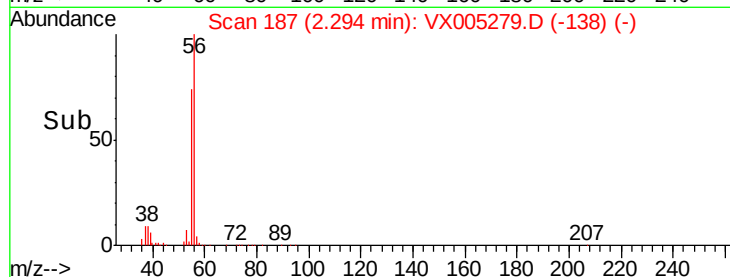
0

Time-->

2.20

2.30

2.40



#14

Allyl chloride

Concen: 46.242 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

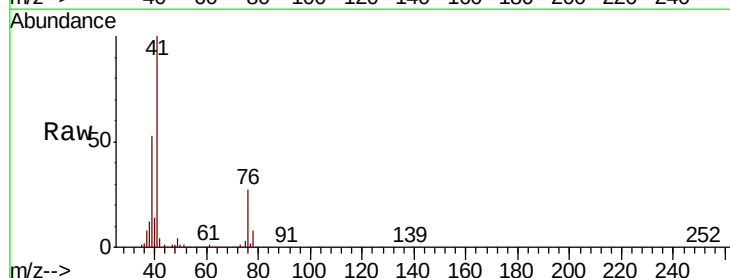
Tgt Ion: 41 Resp: 274564

Ion Ratio Lower Upper

41 100

39 57.6 44.1 66.1

76 28.3 25.0 37.4



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

200000

150000

100000

50000

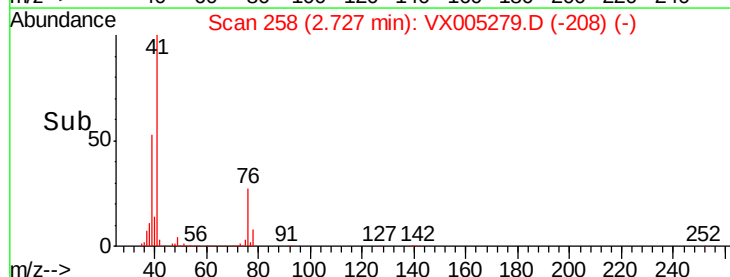
0

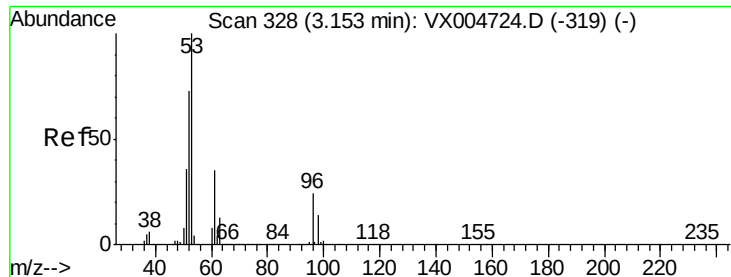
Time-->

2.60

2.70

2.80





#15

Acrylonitrile

Concen: 242.845 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

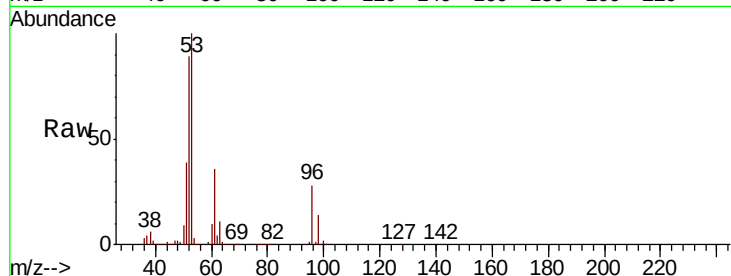
Tot Ion: 53 Resp: 536275

Ion Ratio Lower Upper

53 100

52 86.4 63.0 94.4

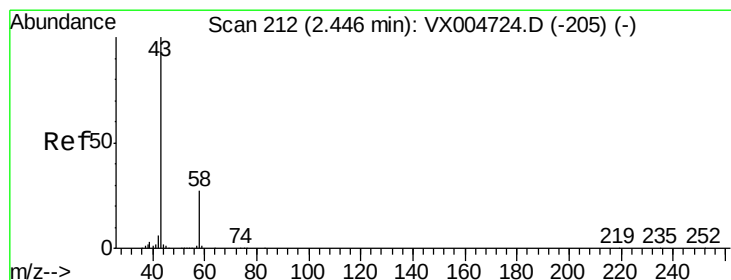
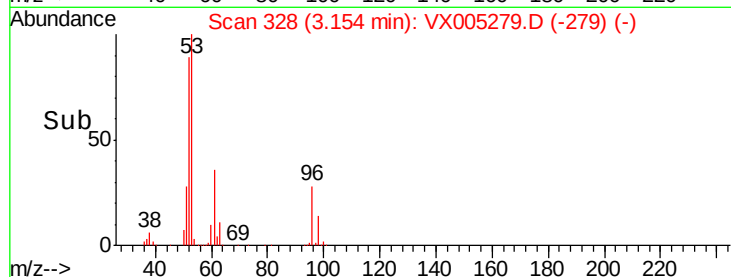
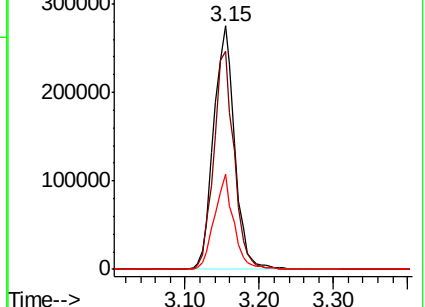
51 35.9 28.6 42.8



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: 223.186 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX005279.D

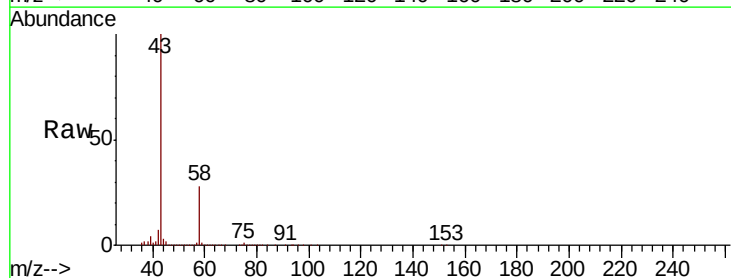
Acq: 12 Oct 2018 02:42

Tgt Ion: 43 Resp: 467475

Ion Ratio Lower Upper

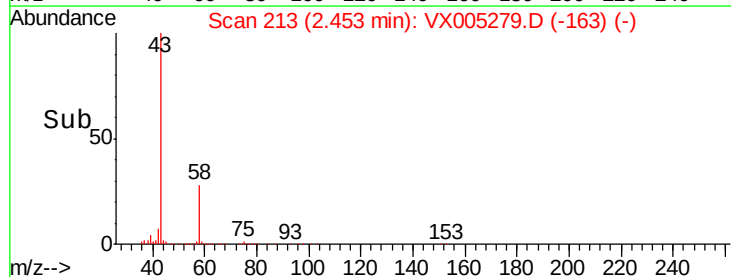
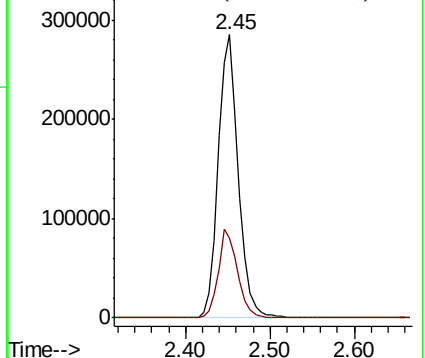
43 100

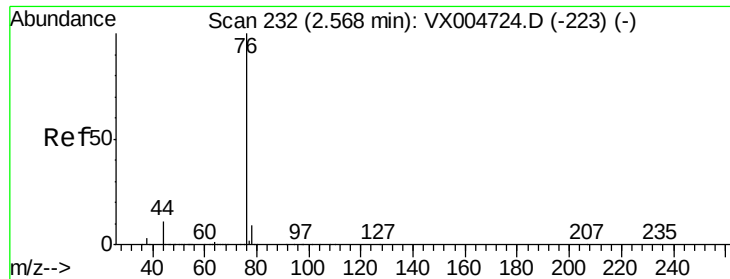
58 28.1 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 43.679 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Instrument :

MSVOA_X

ClientSampleId :

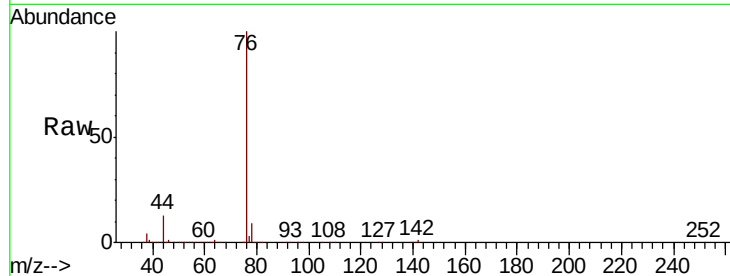
VSTDCCC050EC

Tot Ion: 76 Resp: 357166

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

150000

100000

50000

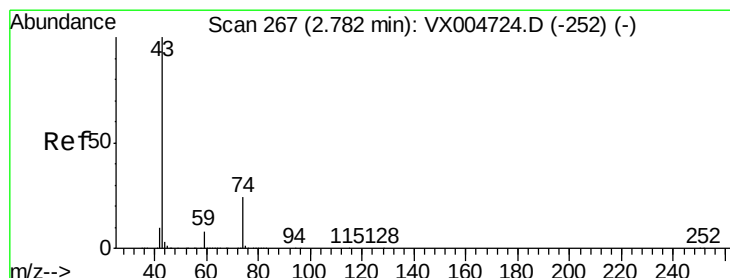
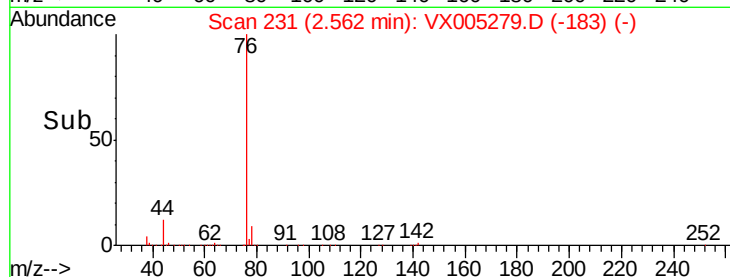
0

2.50

2.60

2.70

Time-->



#18

Methyl Acetate

Concen: 54.742 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005279.D

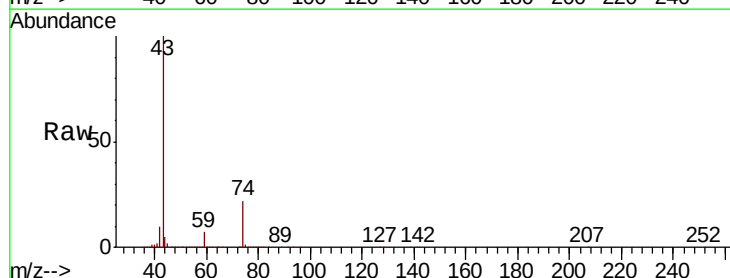
Acq: 12 Oct 2018 02:42

Tgt Ion: 43 Resp: 290504

Ion Ratio Lower Upper

43 100

74 20.6 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

150000

100000

50000

0

2.60

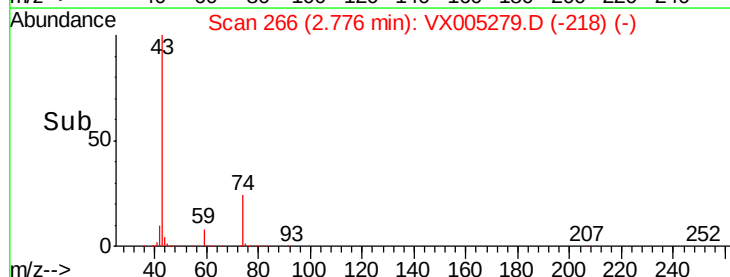
2.70

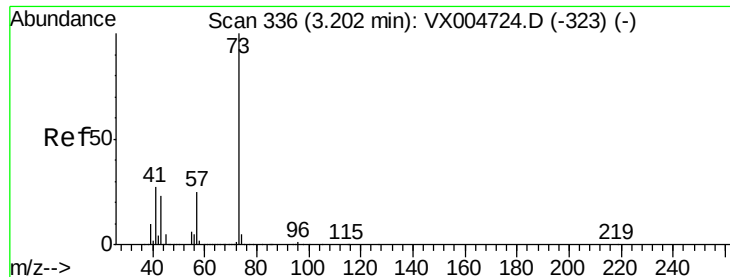
2.80

2.90

3.00

Time-->



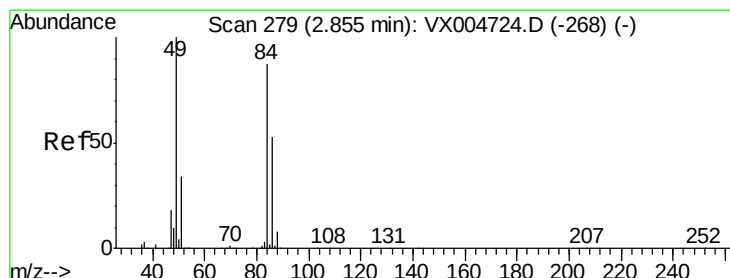
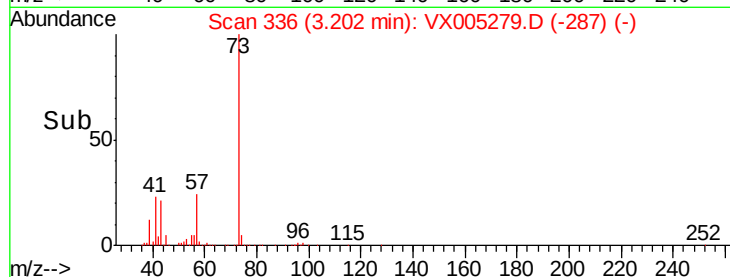
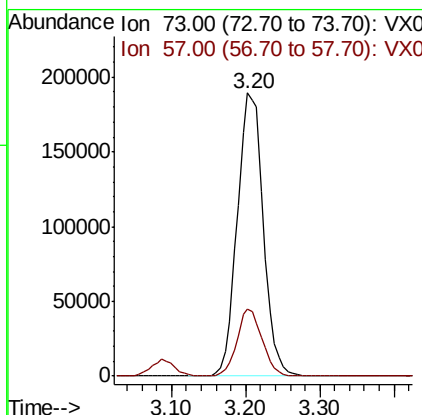
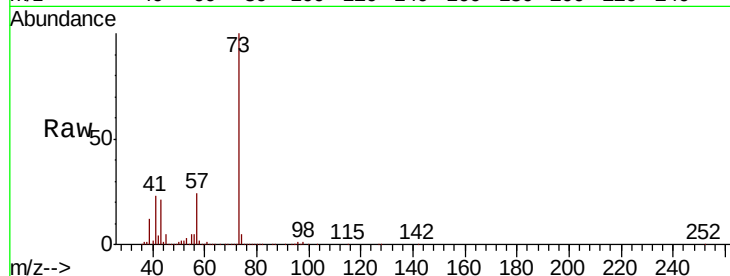


#19

Methyl tert-butyl Ether
 Concen: 49.483 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX005279.D
 Acq: 12 Oct 2018 02:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

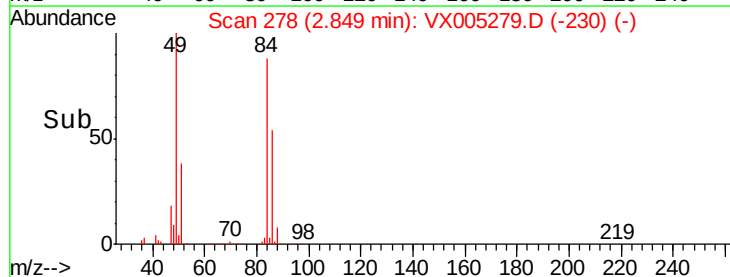
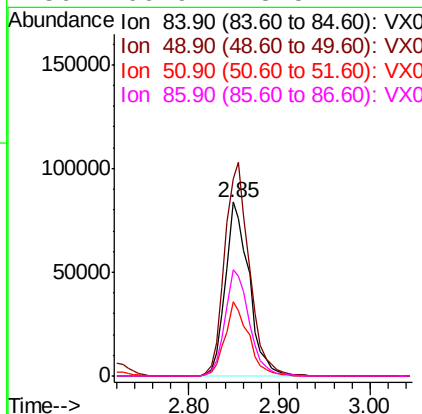
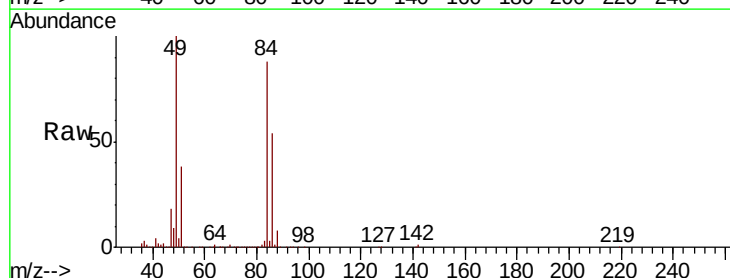
Tot Ion: 73 Resp: 464475
 Ion Ratio Lower Upper
 73 100
 57 23.9 19.9 29.9

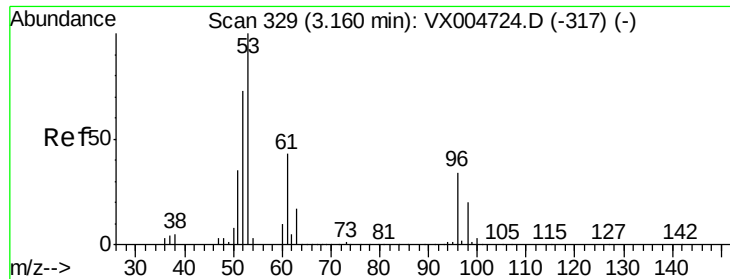


#20

Methylene Chloride
 Concen: 50.074 ug/l
 RT: 2.85 min Scan# 278
 Delta R.T. -0.01 min
 Lab File: VX005279.D
 Acq: 12 Oct 2018 02:42

Tgt Ion: 84 Resp: 152490
 Ion Ratio Lower Upper
 84 100
 49 113.4 92.3 138.5
 51 42.8 31.8 47.6
 86 60.9 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 45.930 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

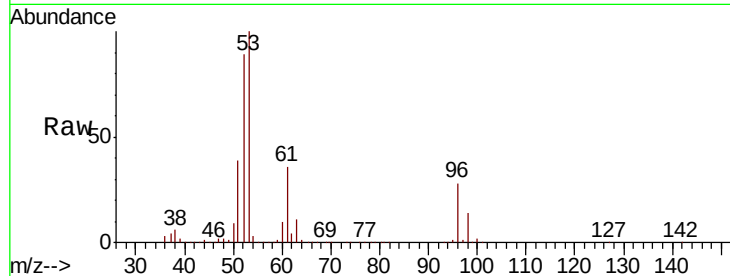
Tot Ion: 96 Resp: 136824

Ion Ratio Lower Upper

96 100

61 128.0 101.0 151.6

98 50.4 47.2 70.8

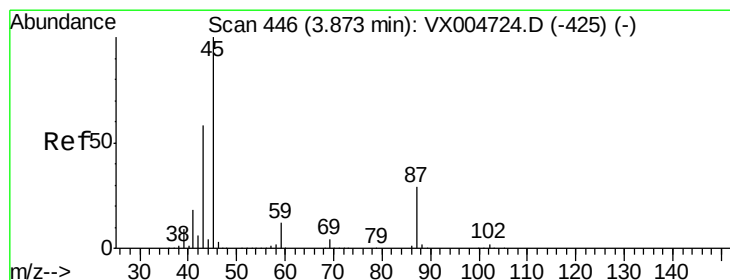
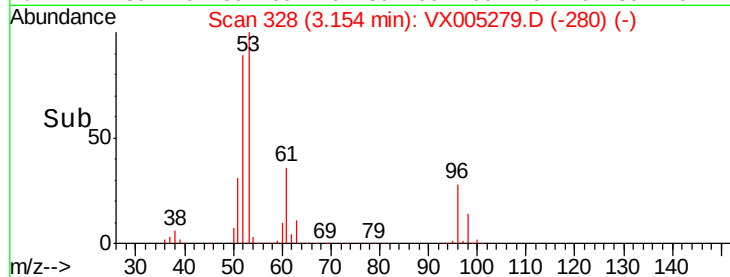
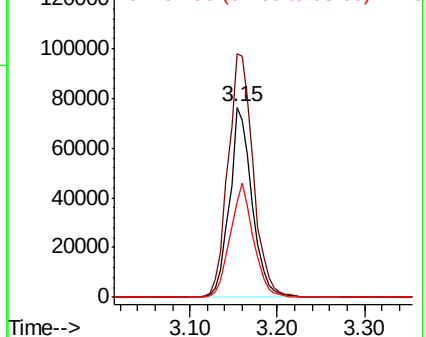


Abundance

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: 51.333 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Tgt Ion: 45 Resp: 513243

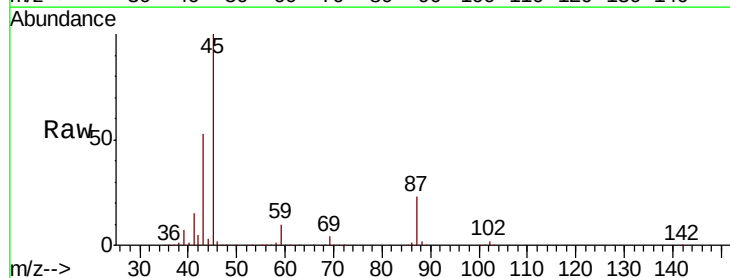
Ion Ratio Lower Upper

45 100

43 53.4 46.7 70.1

87 23.5 22.9 34.3

59 10.4 9.3 13.9



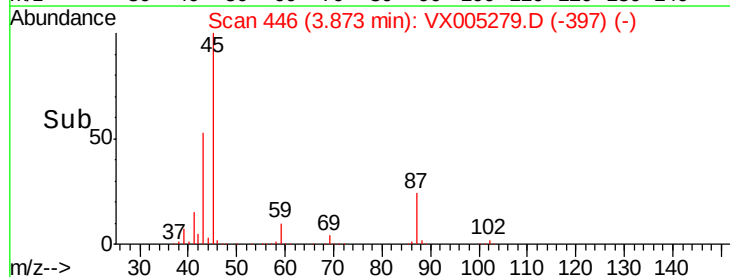
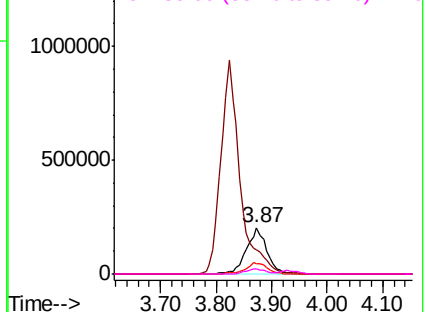
Abundance

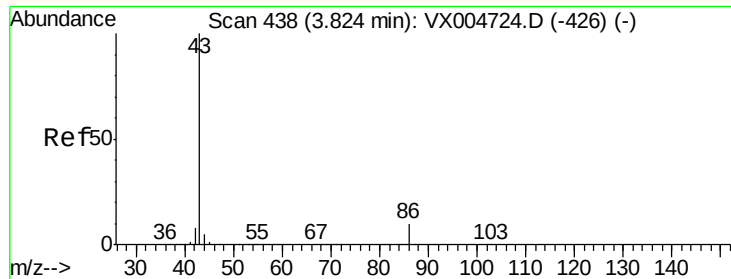
Ion 45.00 (44.70 to 45.70): VX0

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: 245.301 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Instrument :

MSVOA_X

ClientSampleId :

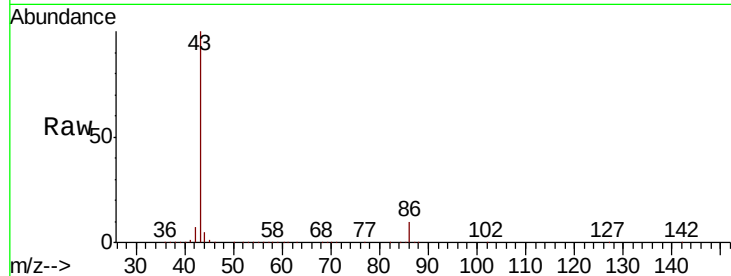
VSTDCCC050EC

Tot Ion: 43 Resp: 2245024

Ion Ratio Lower Upper

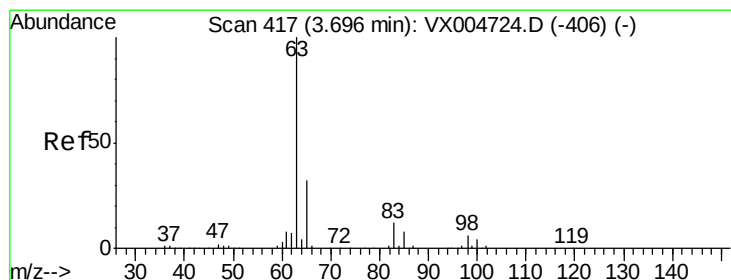
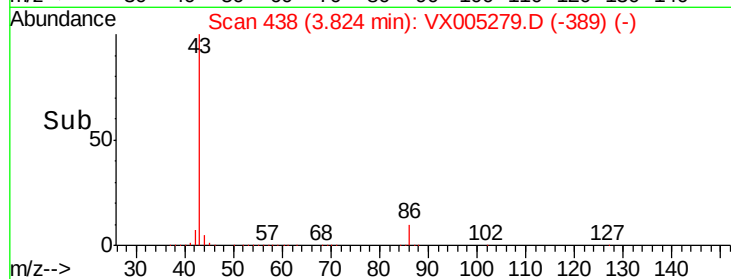
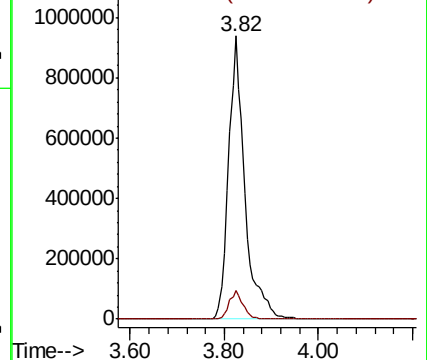
43 100

86 9.9 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 45.785 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

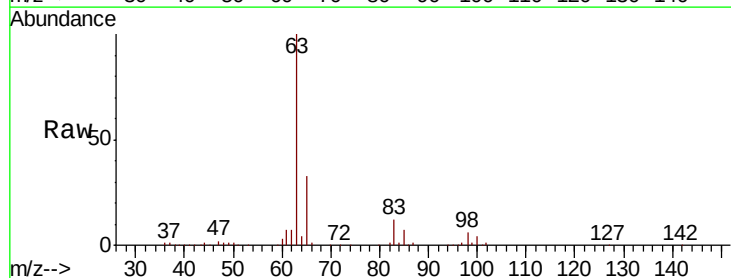
Tgt Ion: 63 Resp: 273067

Ion Ratio Lower Upper

63 100

98 5.6 3.0 9.2

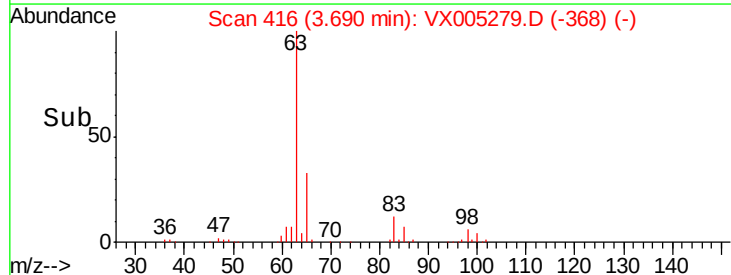
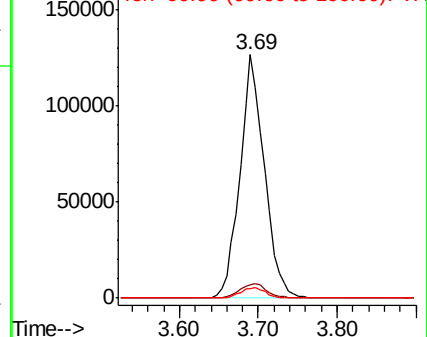
100 3.9 2.0 5.8

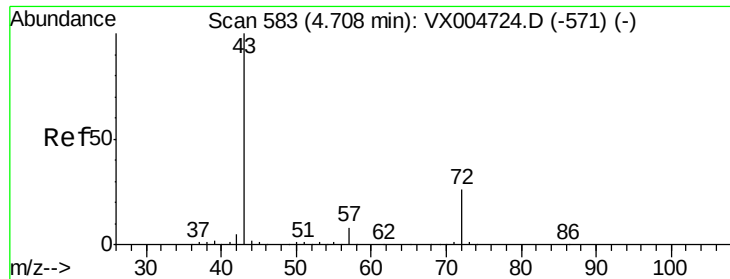


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 234.526 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Instrument :

MSVOA_X

ClientSampleId :

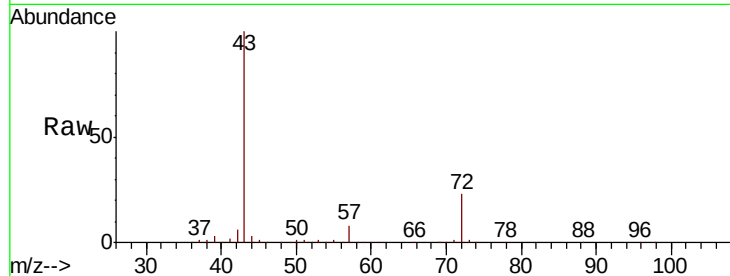
VSTDCCC050EC

Tot Ion: 43 Resp: 724082

Ion Ratio Lower Upper

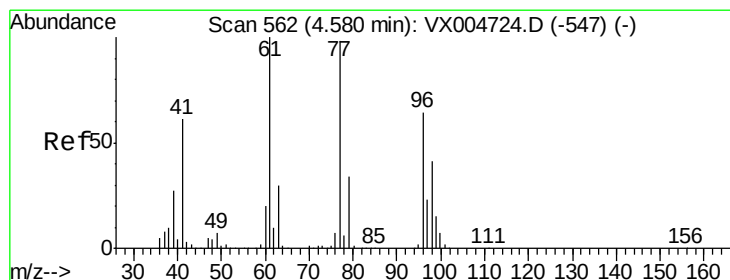
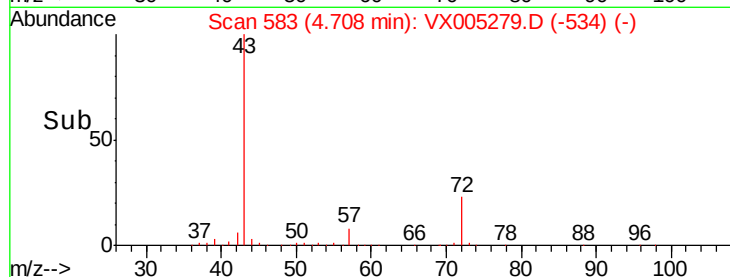
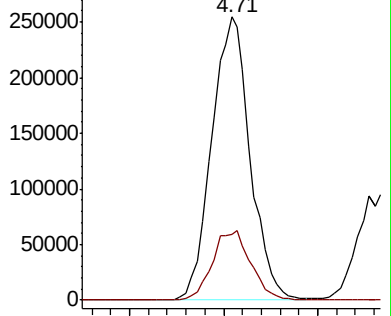
43 100

72 23.0 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 33.288 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX005279.D

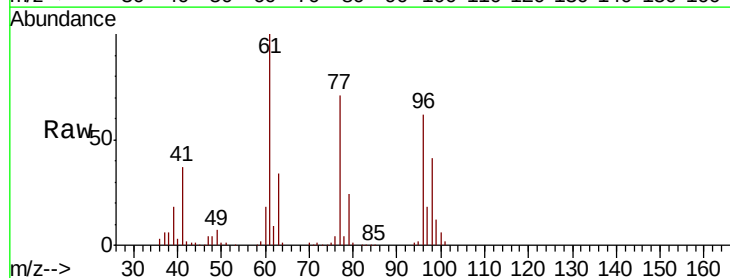
Acq: 12 Oct 2018 02:42

Tgt Ion: 77 Resp: 138253

Ion Ratio Lower Upper

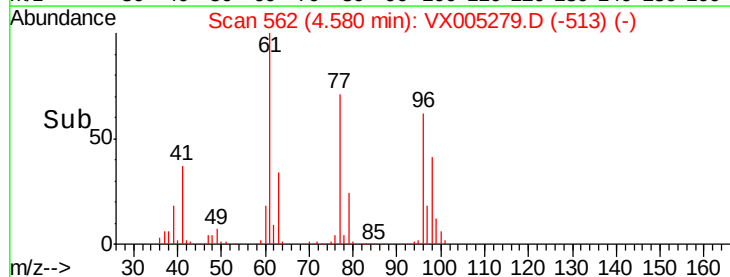
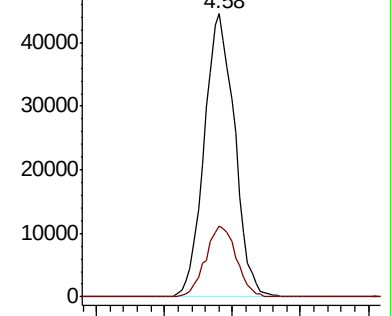
77 100

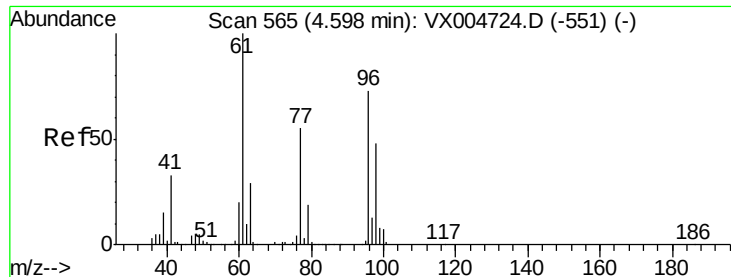
97 25.5 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



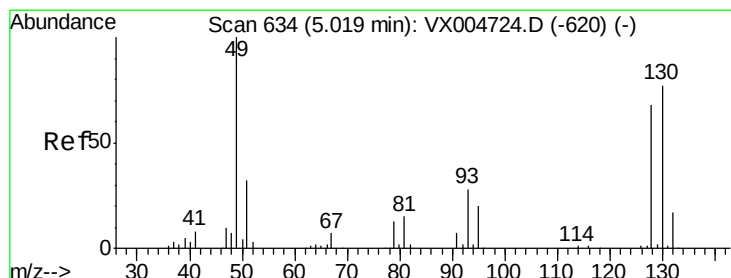
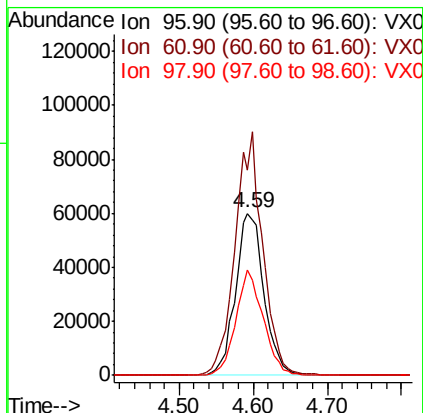
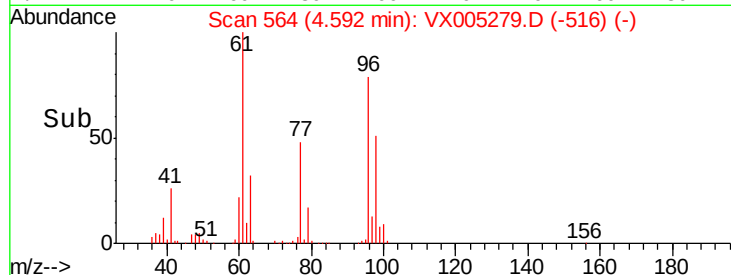
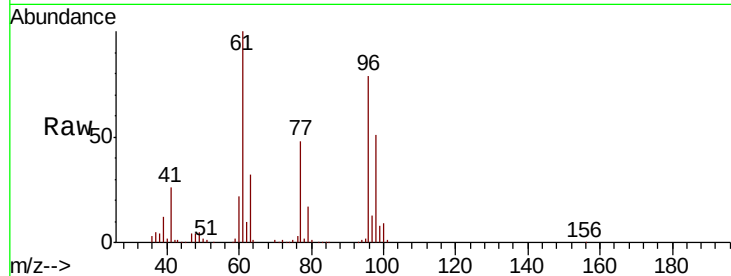


#27

cis-1,2-Dichloroethene
Concen: 48.240 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

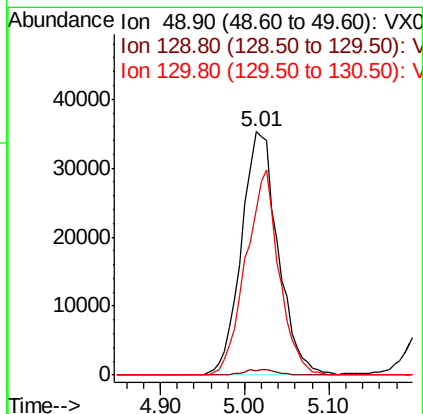
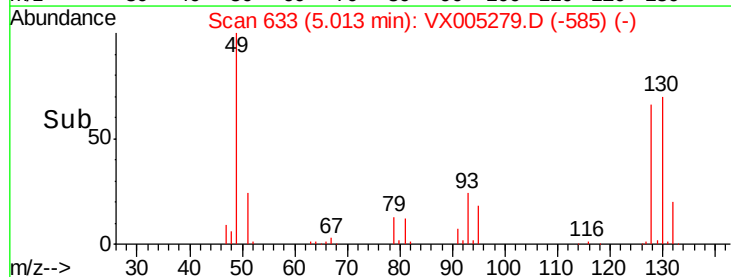
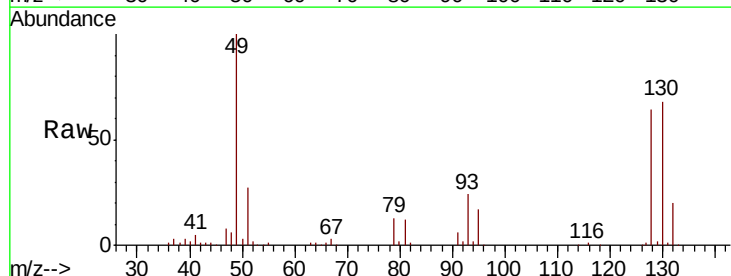
Tot Ion: 96 Resp: 160536
Ion Ratio Lower Upper
96 100
61 146.5 0.0 285.8
98 62.3 0.0 136.2

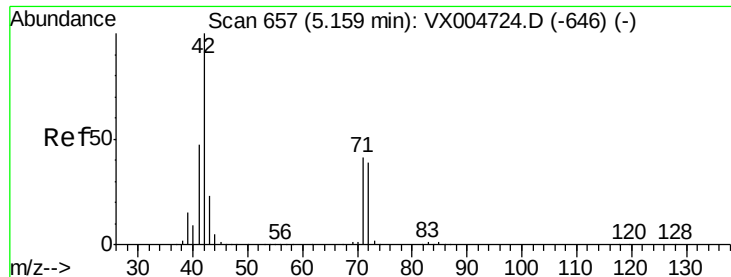


#28

Bromochloromethane
Concen: 37.059 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

Tgt Ion: 49 Resp: 104083
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.2
130 76.8 62.0 93.0

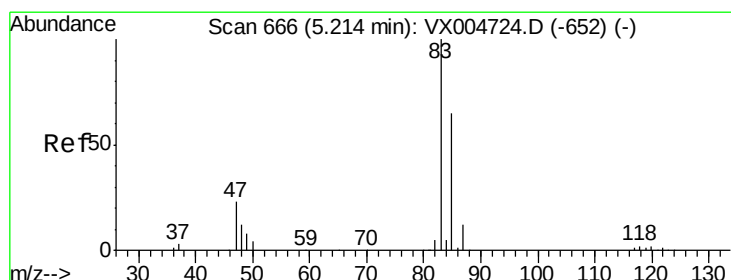
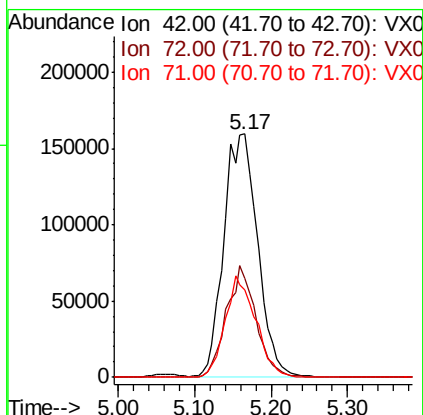
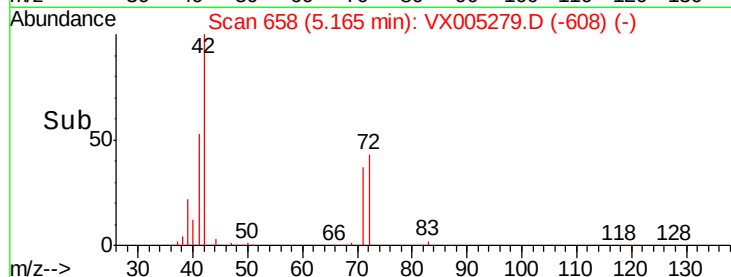
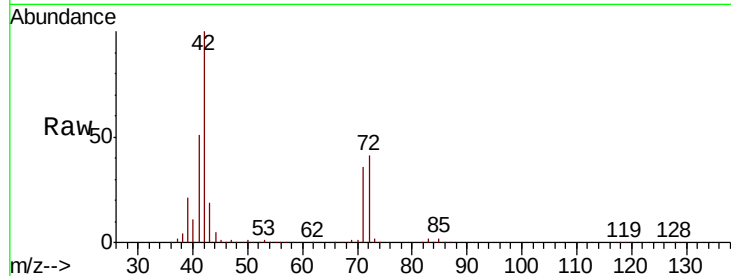




#29
Tetrahydrofuran
Concen: 253.198 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

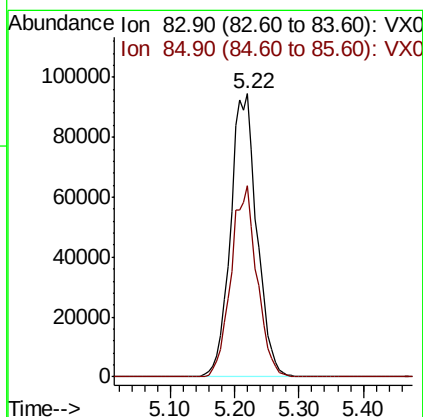
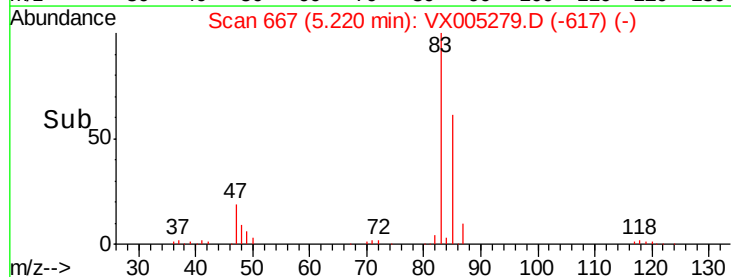
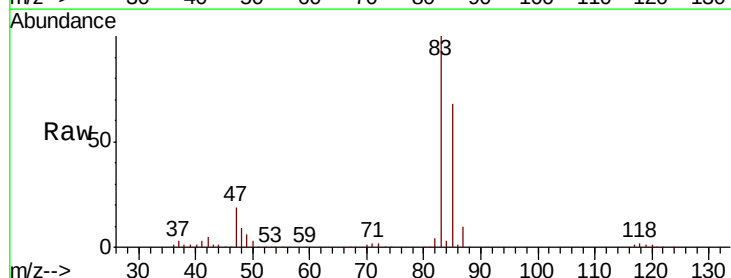
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

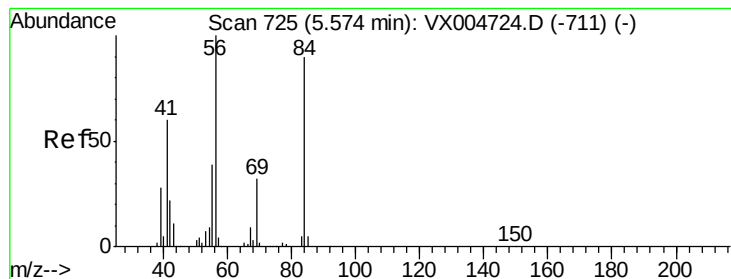
Tot Ion: 42 Resp: 485873
Ion Ratio Lower Upper
42 100
72 40.5 33.7 50.5
71 38.1 32.2 48.4



#30
Chloroform
Concen: 47.916 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

Tgt Ion: 83 Resp: 270091
Ion Ratio Lower Upper
83 100
85 67.6 52.4 78.6





#31

Cyclohexane

Concen: 51.135 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

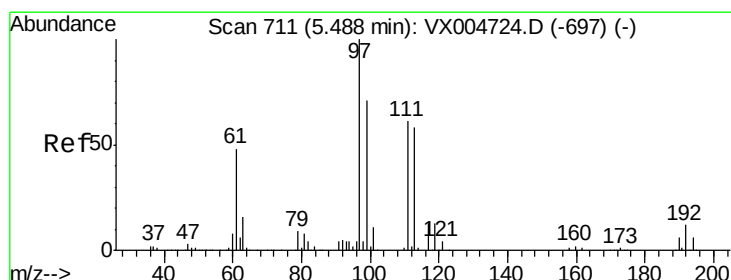
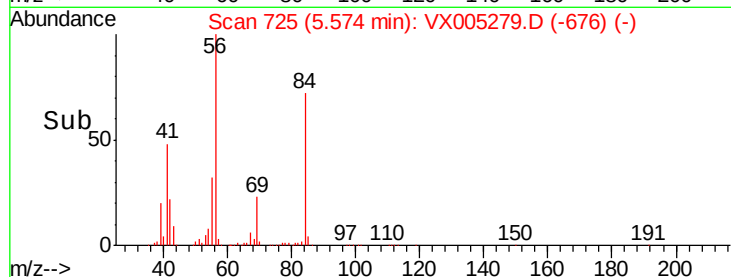
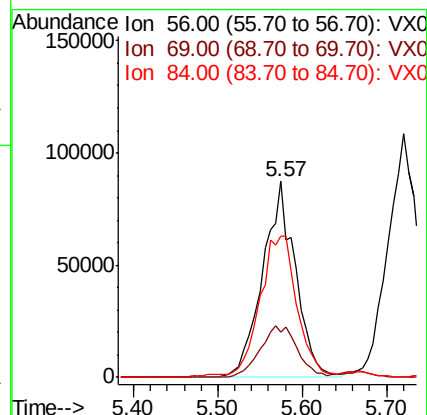
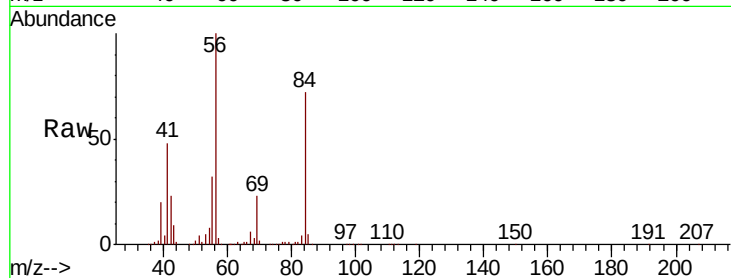
Tot Ion: 56 Resp: 233421

Ion Ratio Lower Upper

56 100

69 22.9 25.9 38.9#

84 71.0 71.9 107.9#



#32

1,1,1-Trichloroethane

Concen: 48.272 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

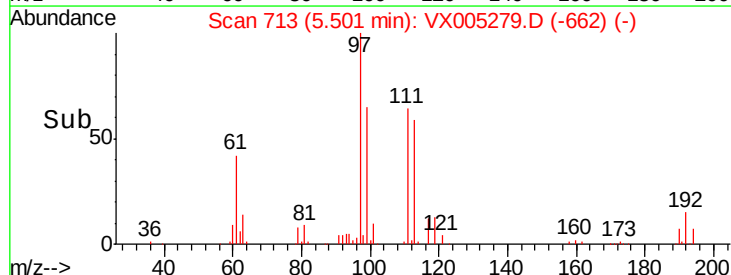
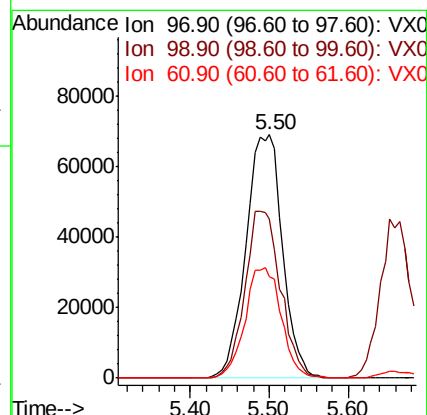
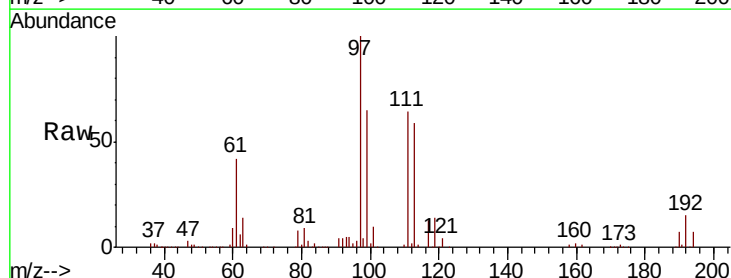
Tgt Ion: 97 Resp: 222217

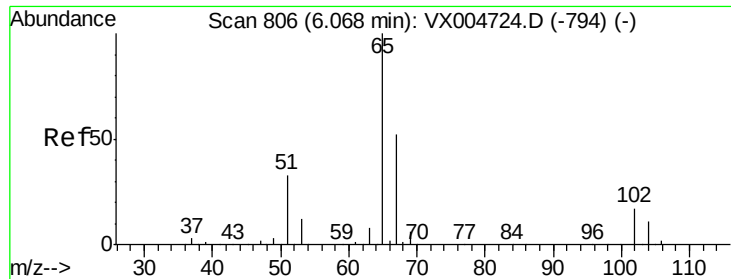
Ion Ratio Lower Upper

97 100

99 66.9 54.6 82.0

61 45.2 37.5 56.3

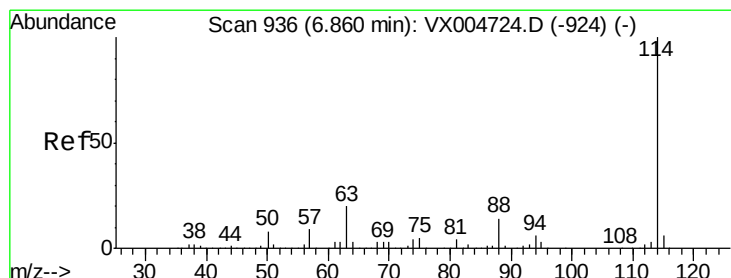
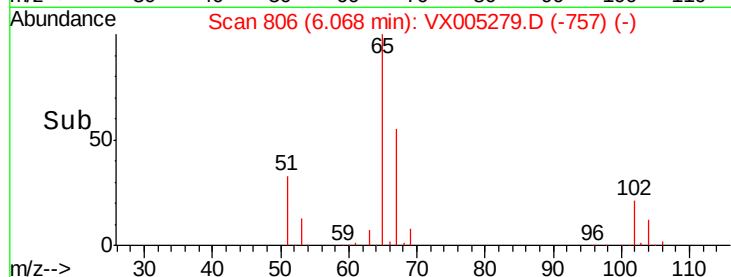
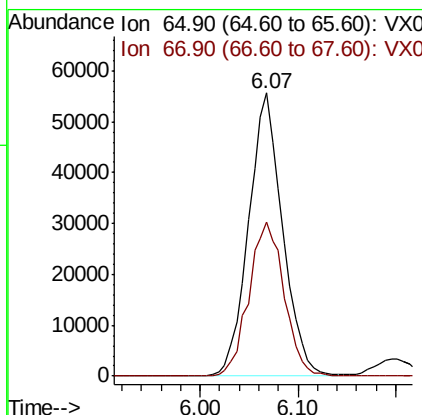
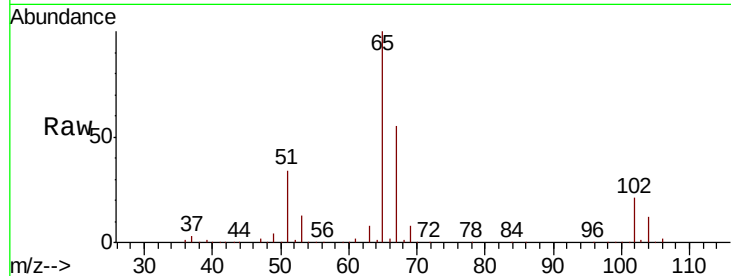




#33
 1,2-Dichloroethane-d4
 Concen: 37.454 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX005279.D
 Acq: 12 Oct 2018 02:42

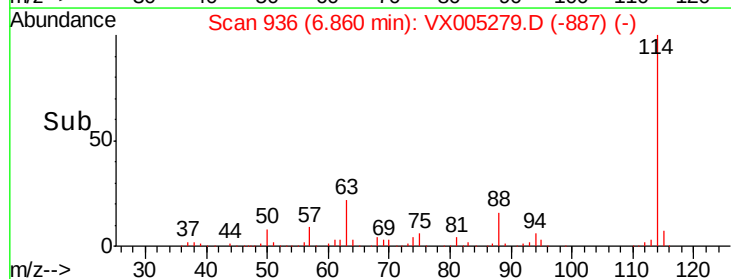
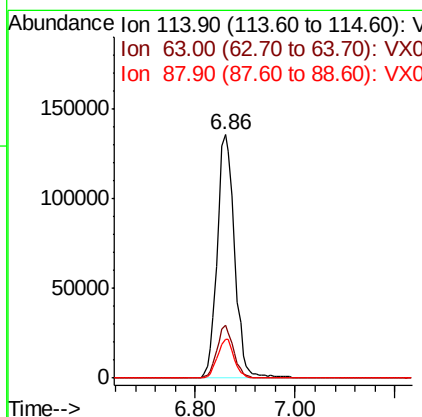
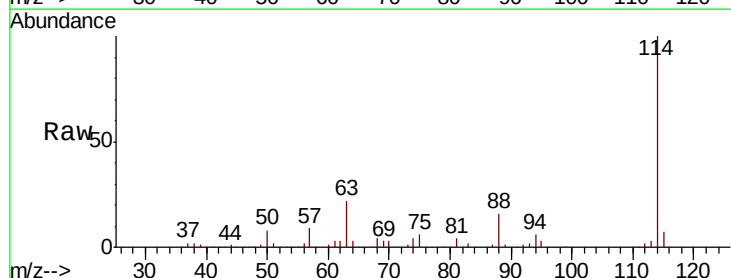
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

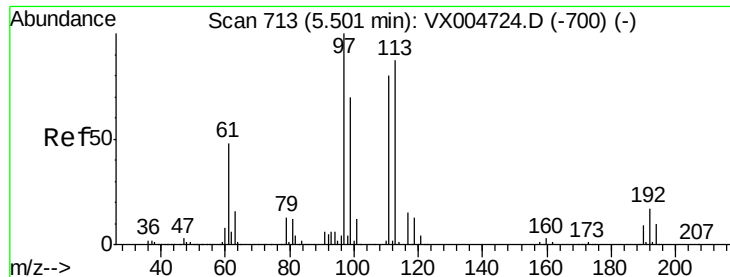
Tot Ion: 65 Resp: 134374
 Ion Ratio Lower Upper
 65 100
 67 56.8 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005279.D
 Acq: 12 Oct 2018 02:42

Tgt Ion: 114 Resp: 328602
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 39.8
 88 15.7 0.0 27.0

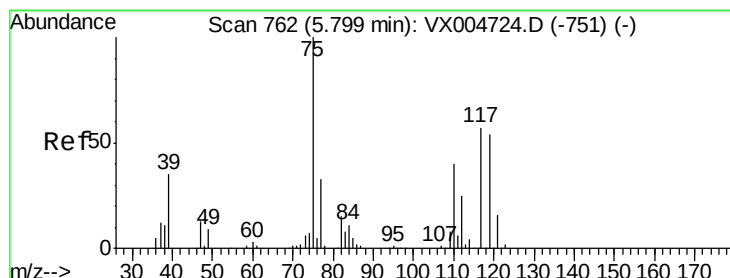
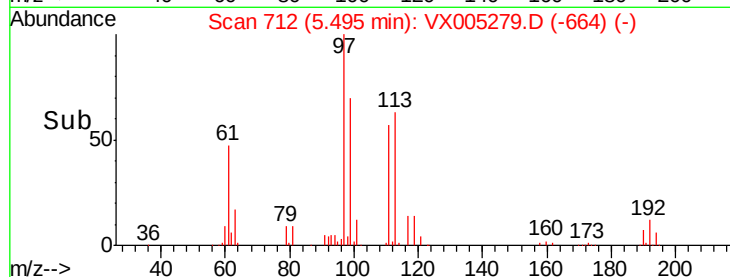
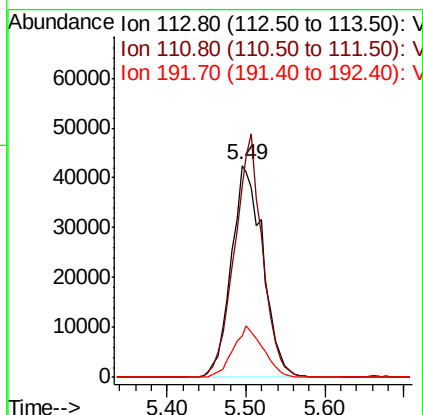
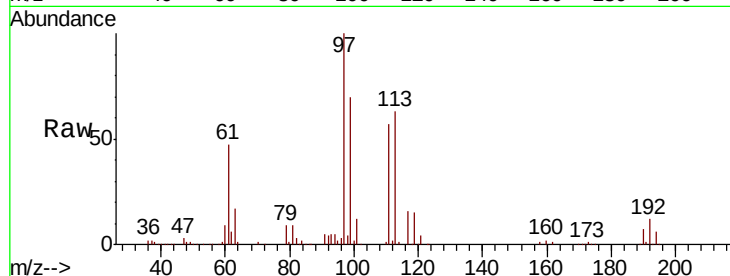




#35
 Dibromofluoromethane
 Concen: 42.649 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX005279.D
 Acq: 12 Oct 2018 02:42

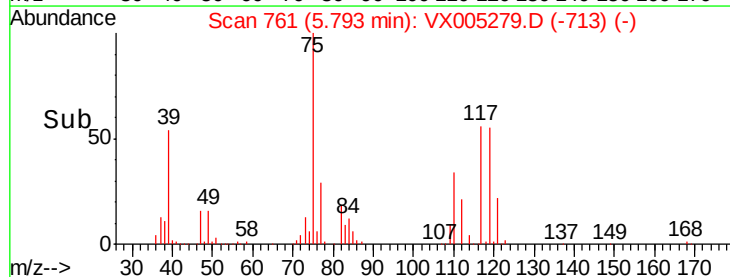
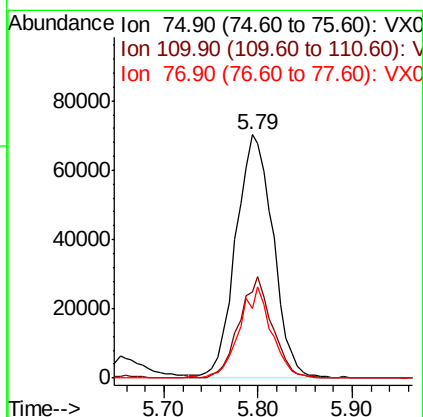
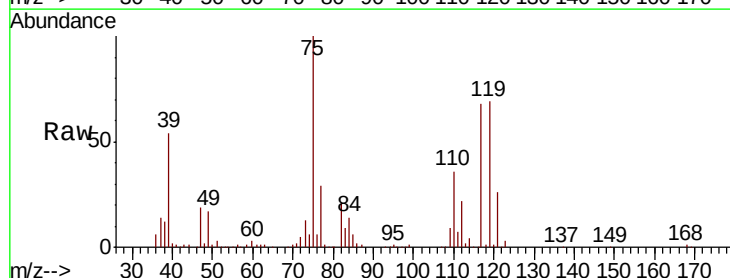
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

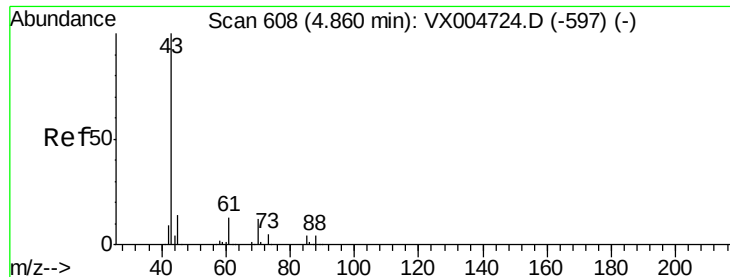
Tot Ion:113 Resp: 118776
 Ion Ratio Lower Upper
 113 100
 111 100.9 77.0 115.4
 192 22.8 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 50.612 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX005279.D
 Acq: 12 Oct 2018 02:42

Tgt Ion: 75 Resp: 192309
 Ion Ratio Lower Upper
 75 100
 110 37.4 20.0 59.9
 77 32.3 27.1 40.7

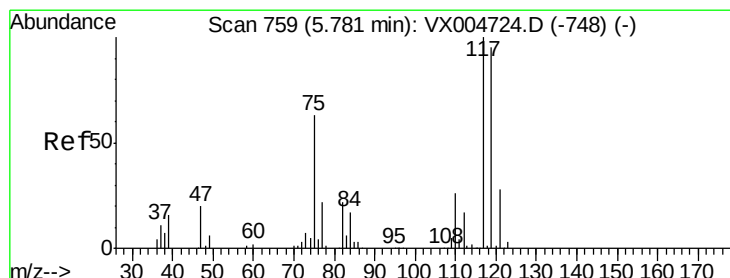
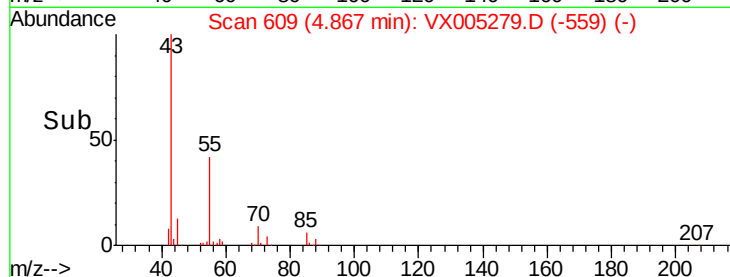
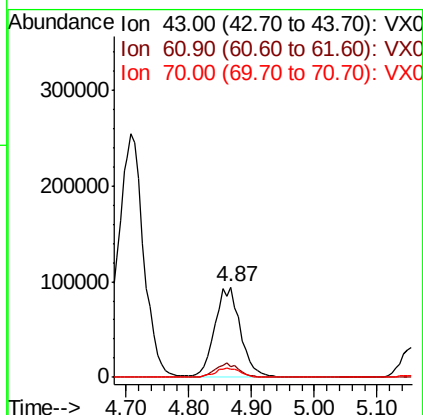
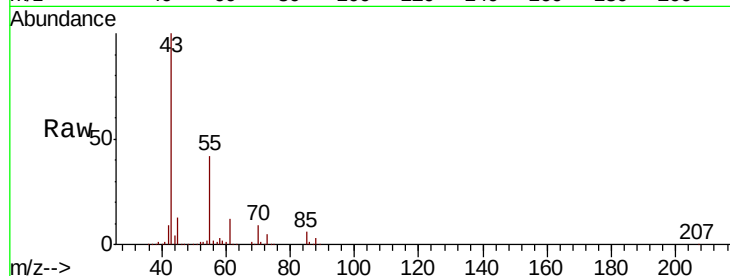




#37
Ethyl Acetate
Concen: 52.988 ug/l
RT: 4.87 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

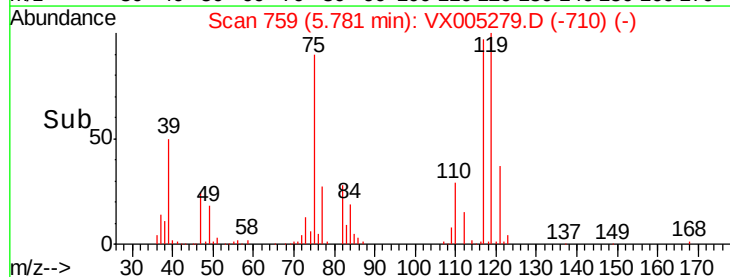
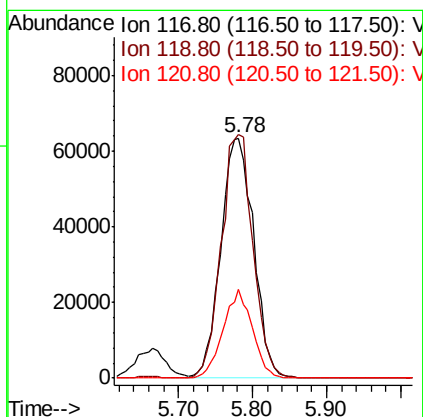
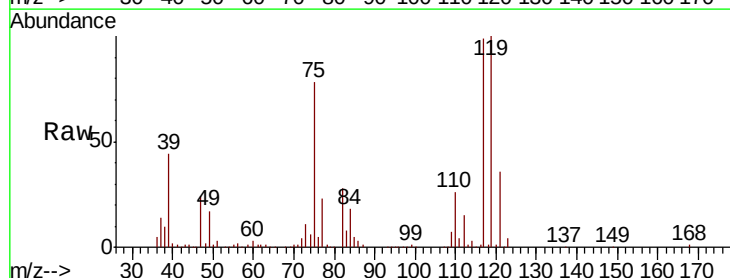
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

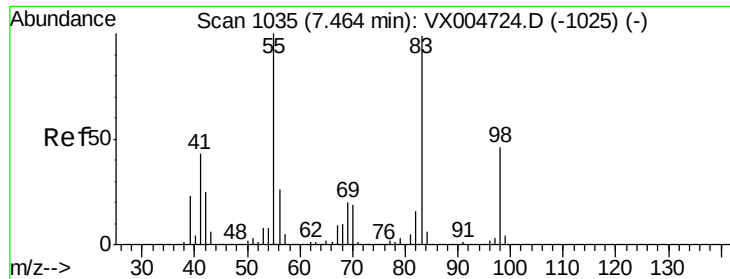
Tot Ion: 43 Resp: 267259
Ion Ratio Lower Upper
43 100
61 14.0 10.4 15.6
70 10.3 8.7 13.1



#38
Carbon Tetrachloride
Concen: 48.806 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

Tgt Ion: 117 Resp: 194938
Ion Ratio Lower Upper
117 100
119 101.4 75.2 112.8
121 36.7 22.5 33.7#

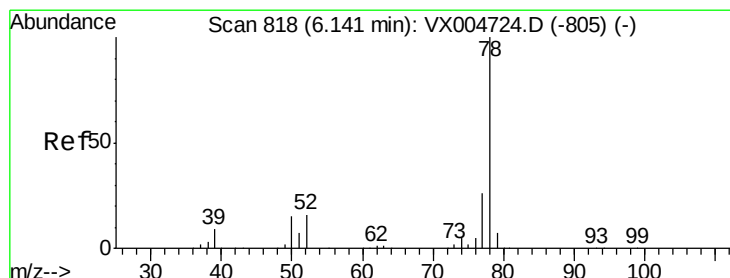
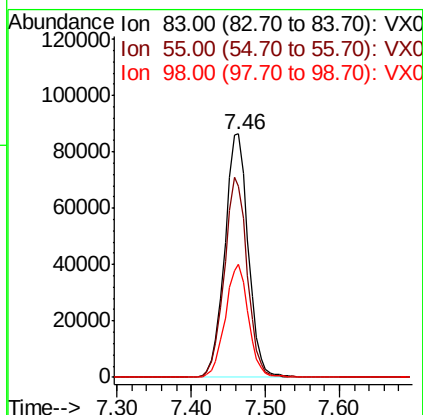
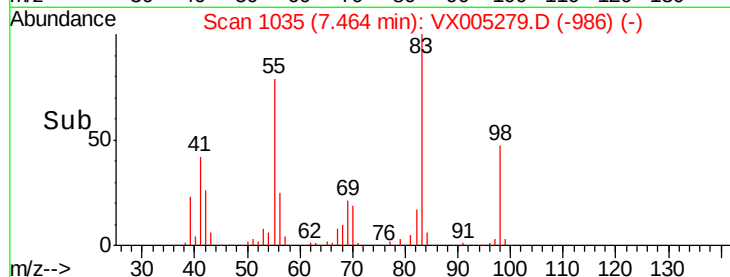
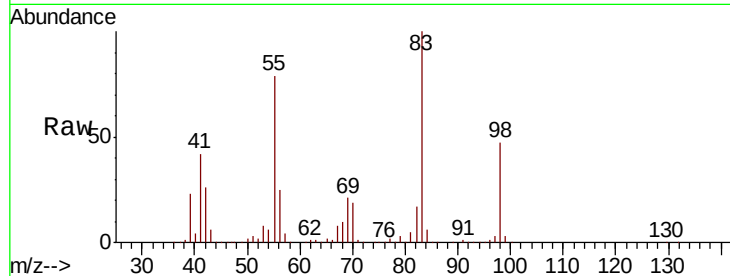




#39
Methylvlcyclohexane
Concen: 49.203 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

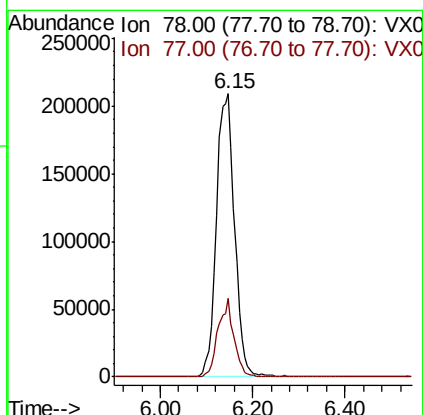
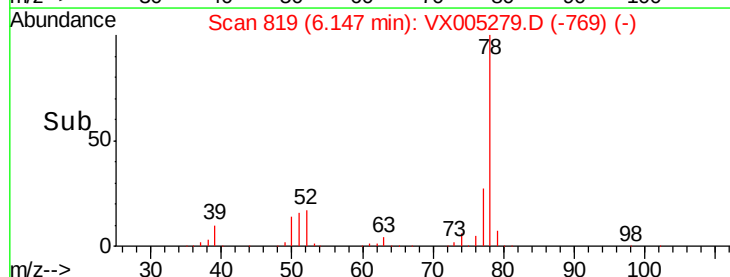
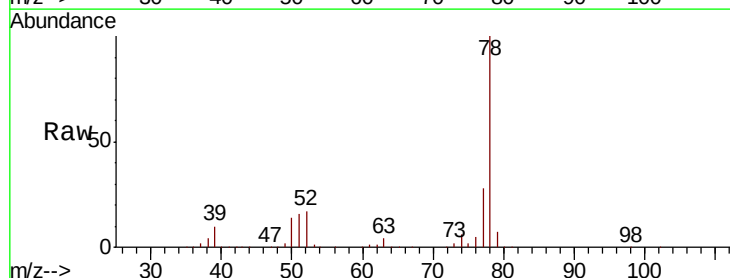
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

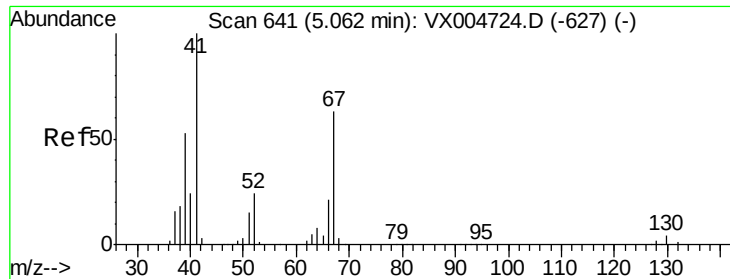
Tot Ion: 83 Resp: 190904
Ion Ratio Lower Upper
83 100
55 78.5 81.1 121.7#
98 46.5 37.3 55.9



#40
Benzene
Concen: 47.917 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

Tgt Ion: 78 Resp: 570000
Ion Ratio Lower Upper
78 100
77 27.9 21.0 31.4

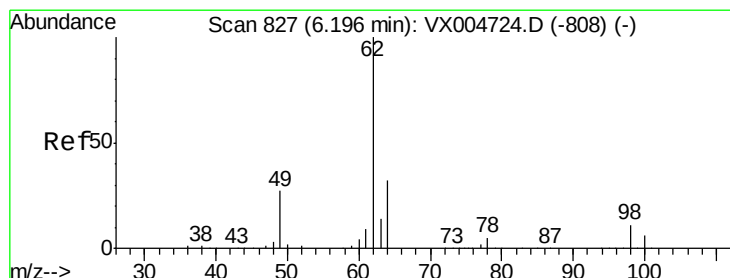
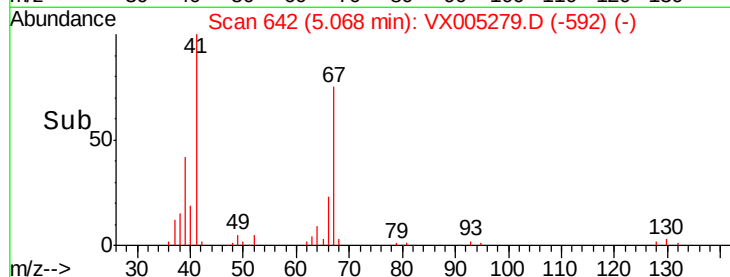
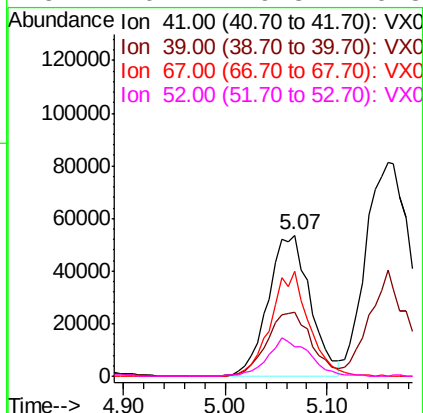
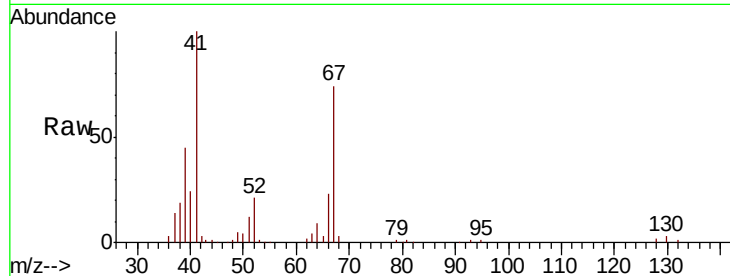




#41
Methacrylonitrile
Concen: 54.701 ug/l
RT: 5.07 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

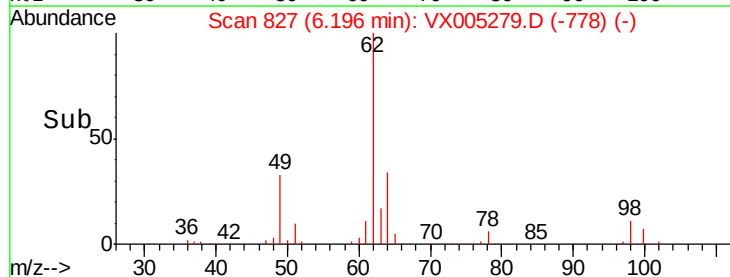
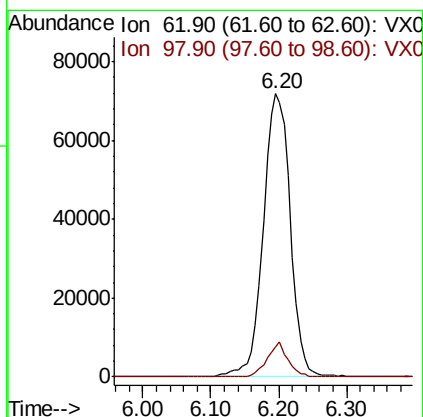
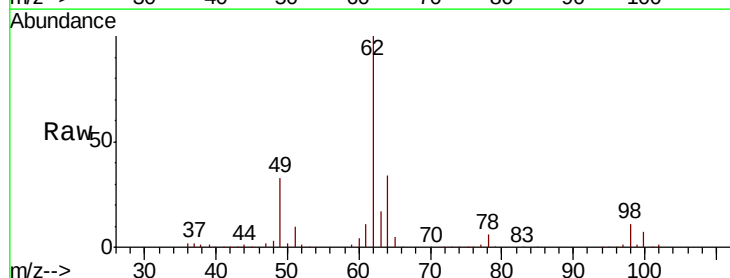
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

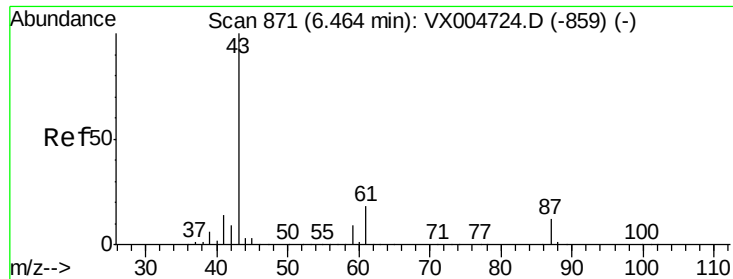
Tot Ion:	41	Resp:	153006
Ion	Ratio	Lower	Upper
41	100		
39	48.2	42.5	63.7
67	67.7	53.0	79.6
52	26.1	19.8	29.8



#42
1,2-Dichloroethane
Concen: 47.381 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

Tgt Ion:	62	Resp:	199248
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.2





#43

Isopropyl Acetate

Concen: 48.176 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

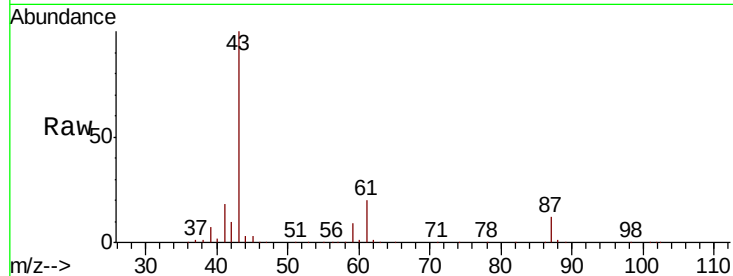
Tot Ion: 43 Resp: 350713

Ion Ratio Lower Upper

43 100

61 19.2 14.2 21.4

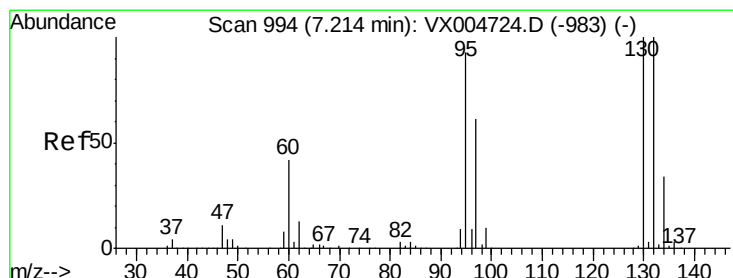
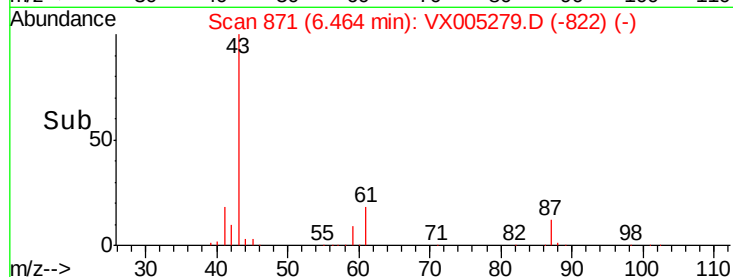
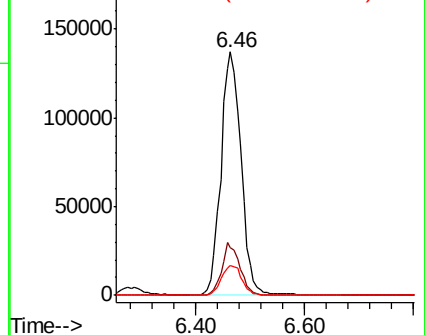
87 12.6 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 48.333 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX005279.D

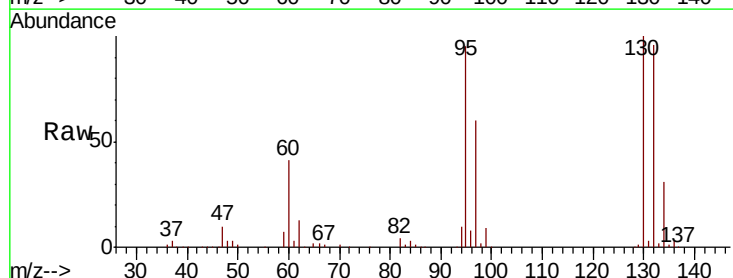
Acq: 12 Oct 2018 02:42

Tgt Ion:130 Resp: 141341

Ion Ratio Lower Upper

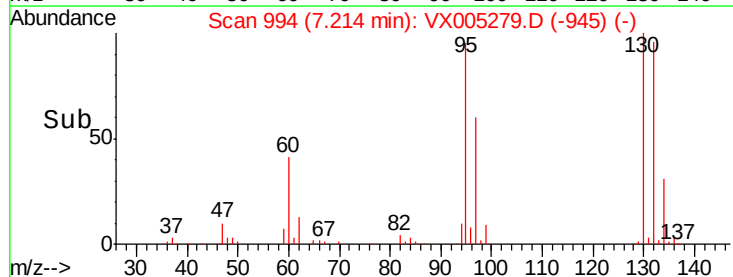
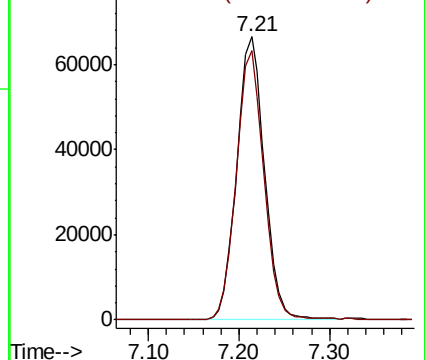
130 100

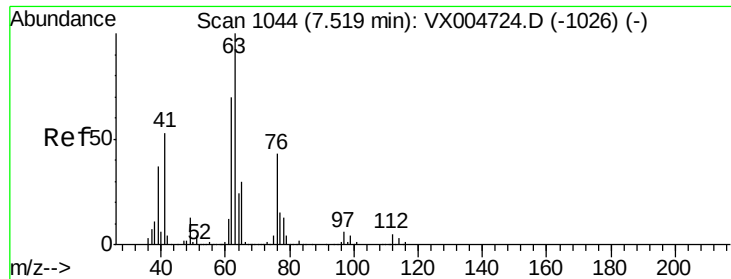
95 95.0 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

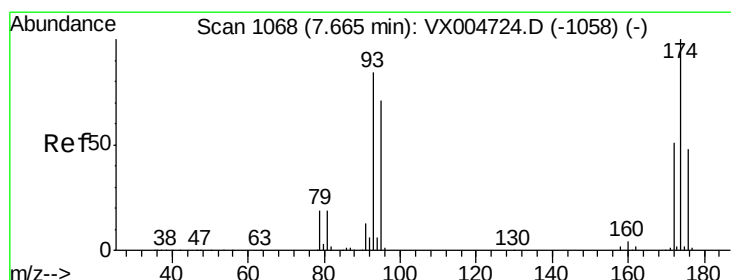
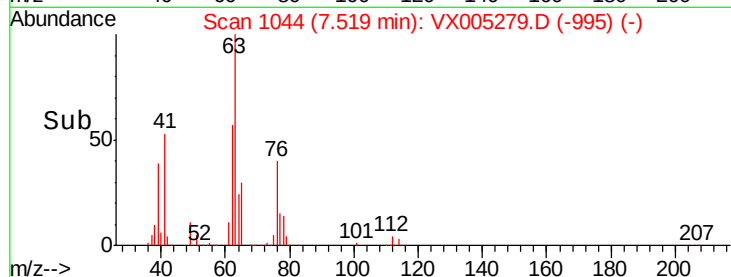
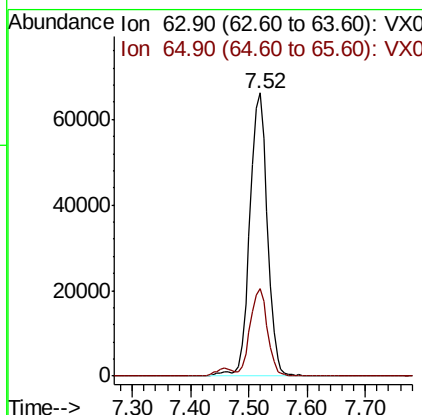
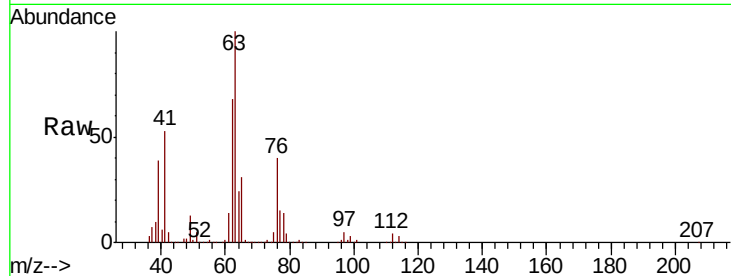




#45
 1,2-Dichloropropane
 Concen: 47.314 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX005279.D
 Acq: 12 Oct 2018 02:42

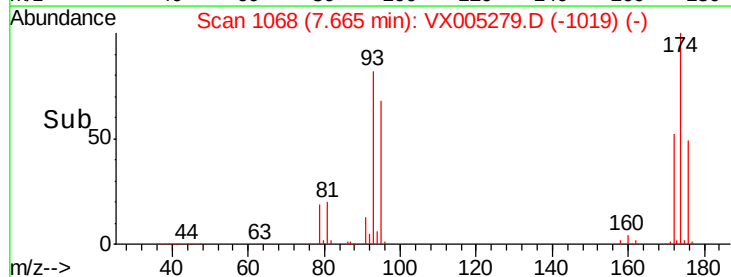
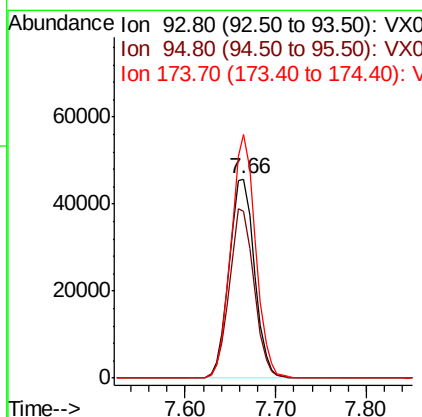
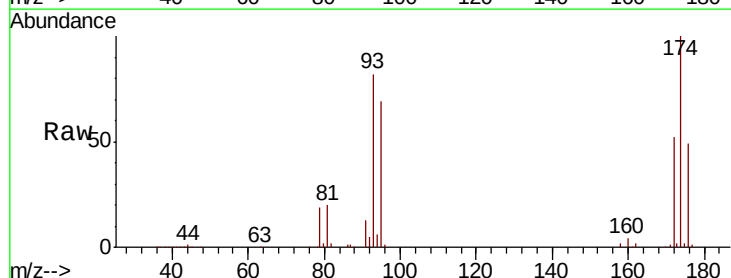
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

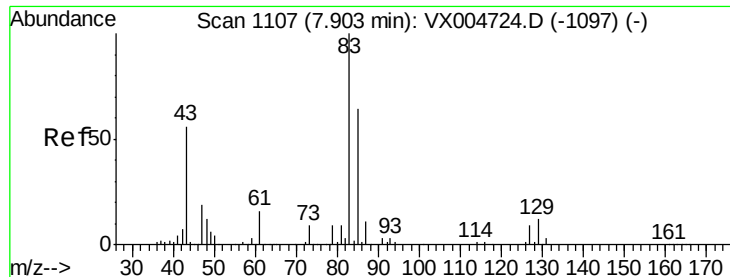
Tot Ion: 63 Resp: 138024
 Ion Ratio Lower Upper
 63 100
 65 30.8 23.9 35.9



#46
 Dibromomethane
 Concen: 48.766 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX005279.D
 Acq: 12 Oct 2018 02:42

Tgt Ion: 93 Resp: 89405
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.7 100.1
 174 117.7 92.7 139.1





#47

Bromodichloromethane

Concen: 50.818 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

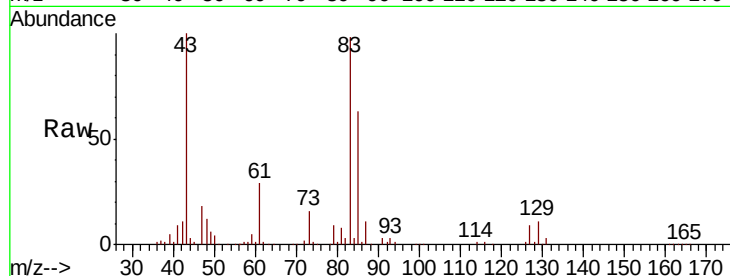
Tot Ion: 83 Resp: 174432

Ion Ratio Lower Upper

83 100

85 64.2 51.2 76.8

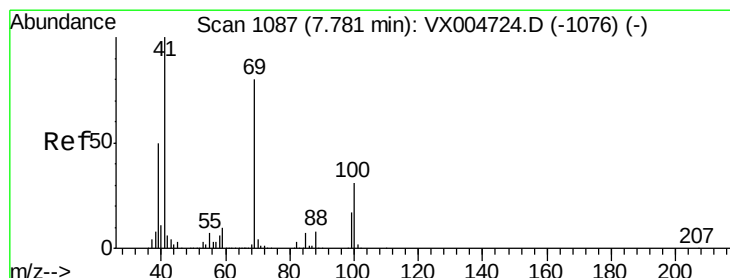
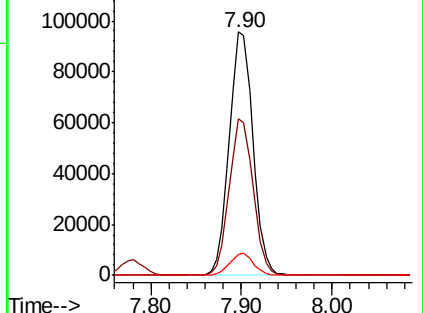
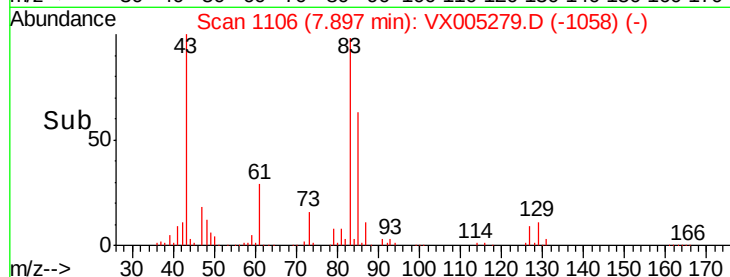
127 8.8 7.0 10.6



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: 52.871 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

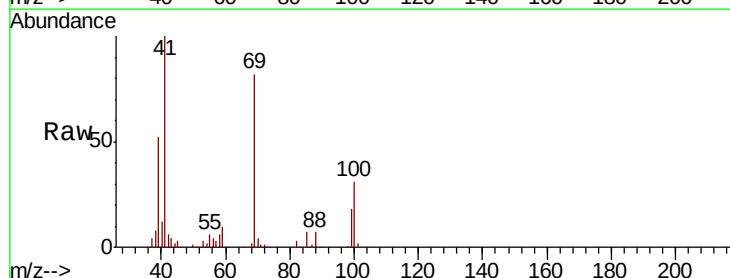
Tgt Ion: 41 Resp: 174697

Ion Ratio Lower Upper

41 100

69 81.1 63.8 95.6

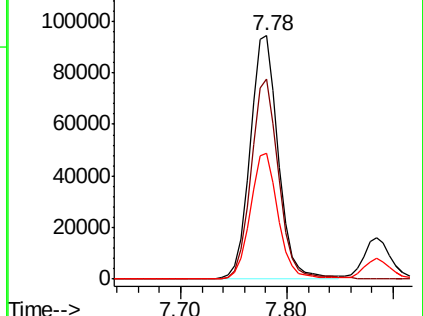
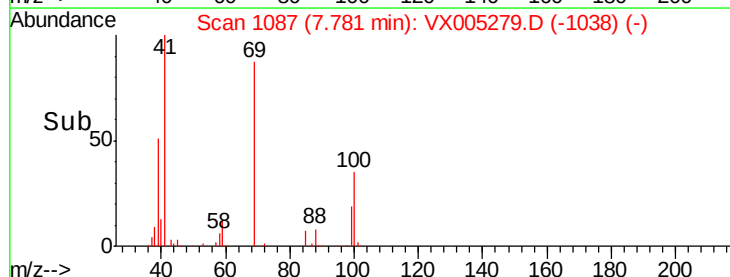
39 51.3 40.7 61.1

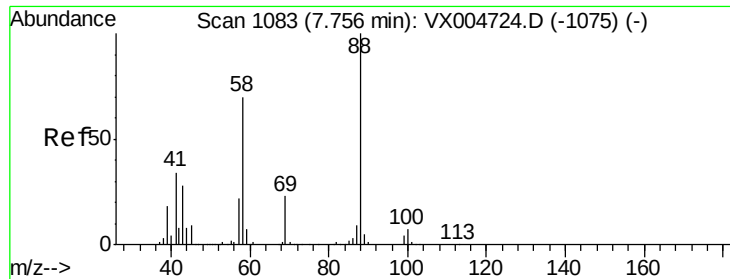


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

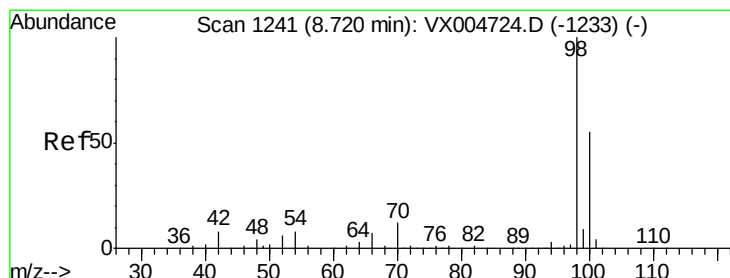
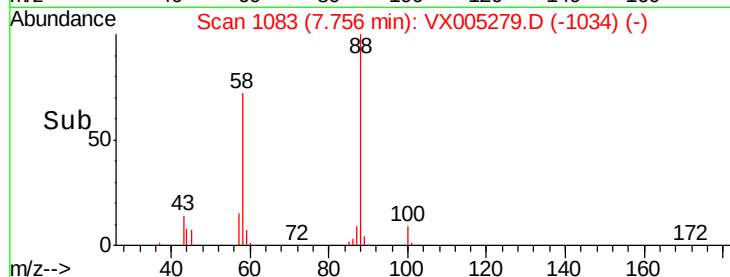
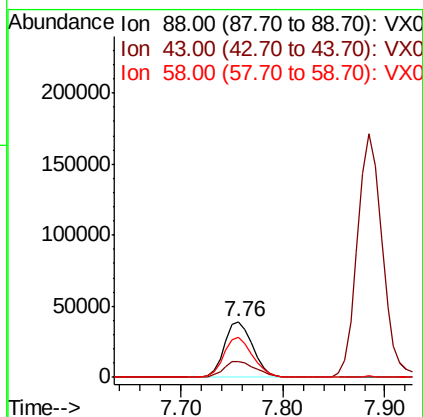
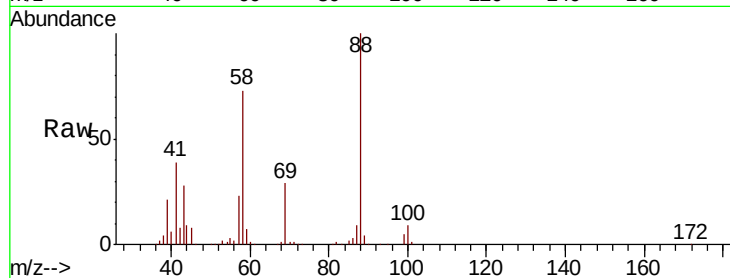




#49
1,4-Dioxane
Concen: 922.759 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

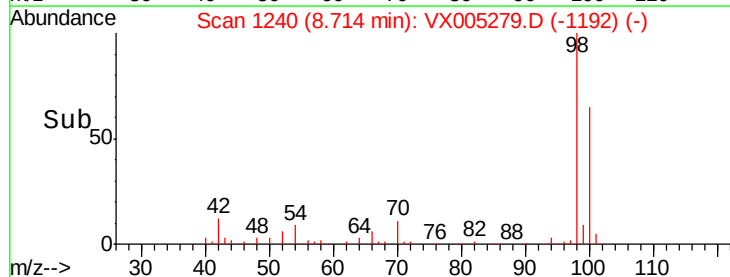
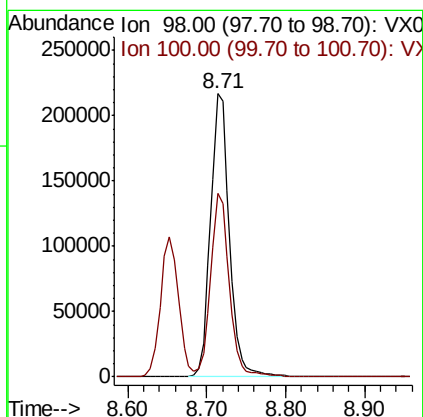
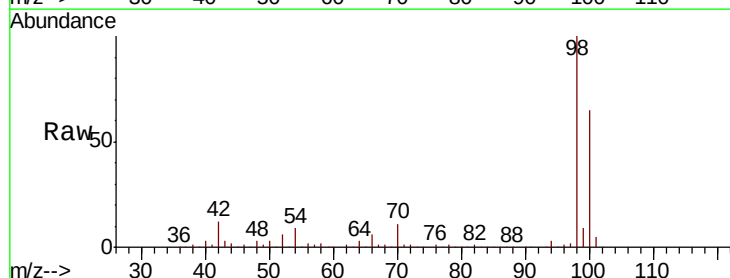
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

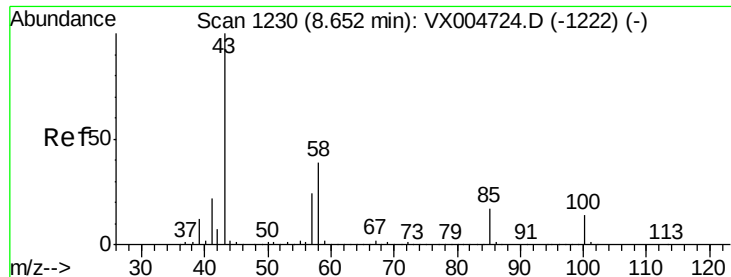
Tot Ion: 88 Resp: 75749
Ion Ratio Lower Upper
88 100
43 32.4 25.1 37.7
58 73.7 56.2 84.2



#50
Toluene-d8
Concen: 39.054 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

Tgt Ion: 98 Resp: 361587
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9

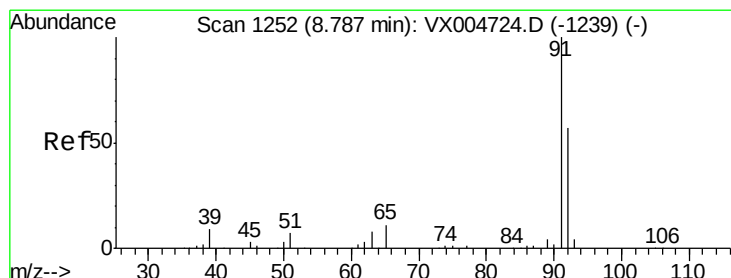
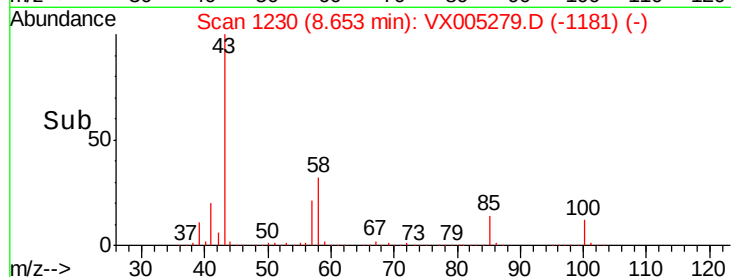
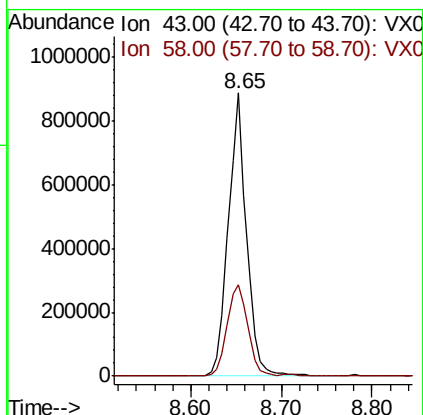
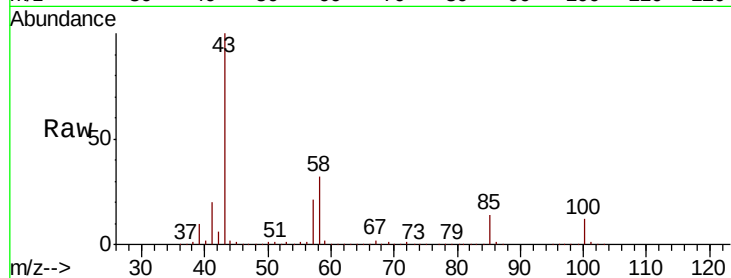




#51
4-Methyl-2-Pentanone
Concen: 270.008 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

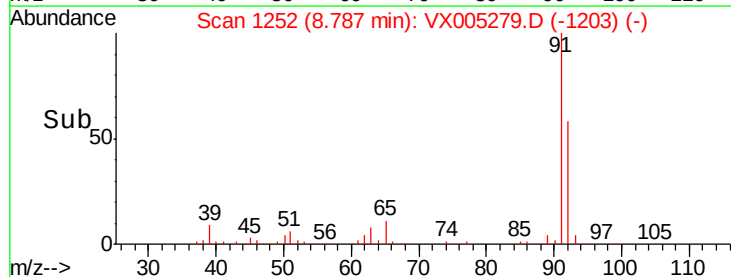
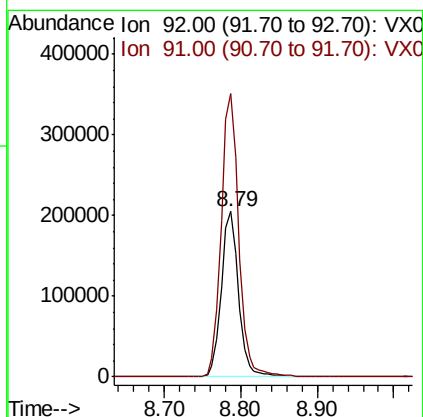
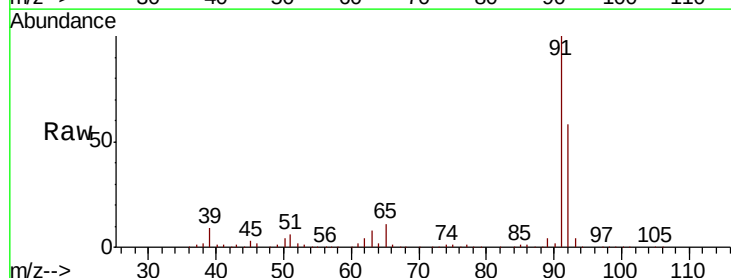
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

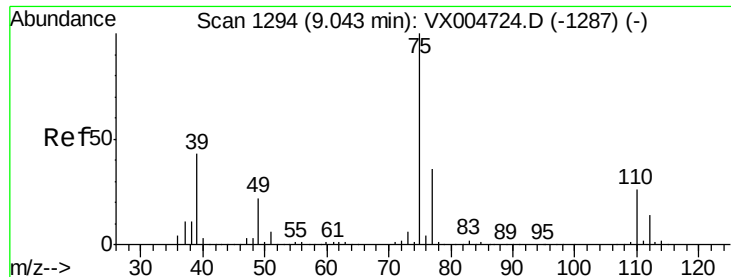
Tot Ion: 43 Resp: 1237646
Ion Ratio Lower Upper
43 100
58 37.1 30.5 45.7



#52
Toluene
Concen: 49.227 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

Tgt Ion: 92 Resp: 321773
Ion Ratio Lower Upper
92 100
91 174.6 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 48.060 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Instrument :

MSVOA_X

ClientSampleId :

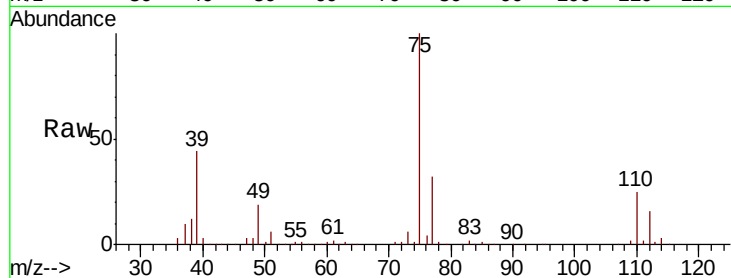
VSTDCCC050EC

Tot Ion: 75 Resp: 186419

Ion Ratio Lower Upper

75 100

77 31.8 28.9 43.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

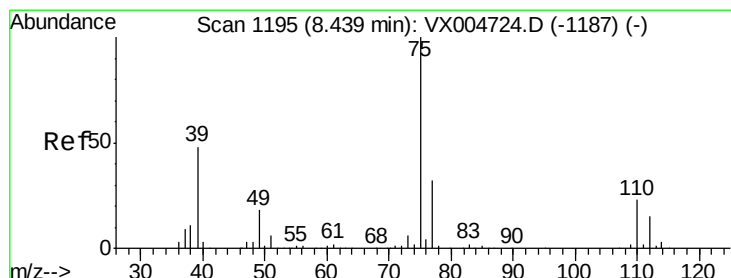
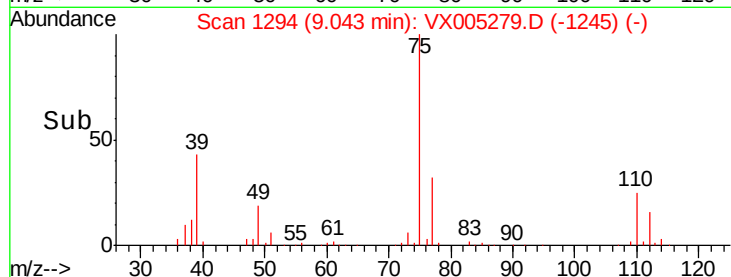
150000

100000

50000

0

Time--> 8.95 9.00 9.05 9.10 9.15



#54

cis-1,3-Dichloropropene

Concen: 49.163 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.00 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

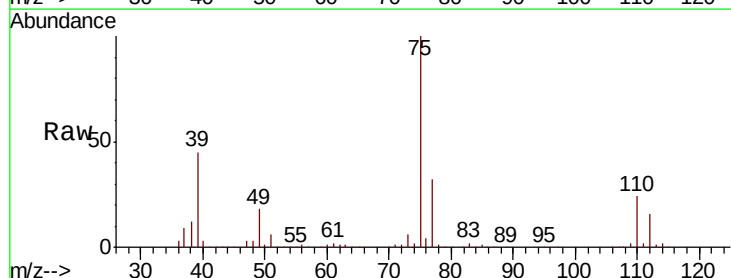
Tgt Ion: 75 Resp: 199740

Ion Ratio Lower Upper

75 100

77 32.1 25.7 38.5

39 44.9 38.3 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.44

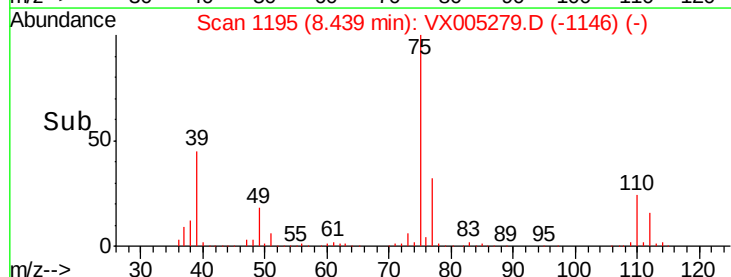
150000

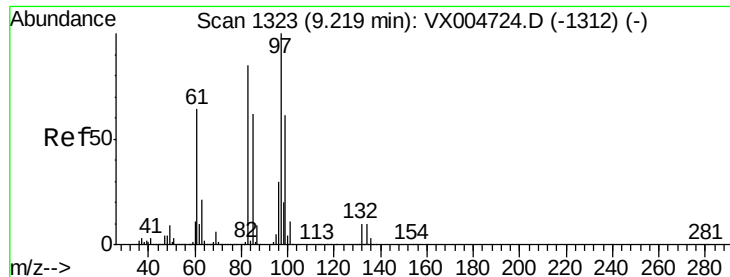
100000

50000

0

Time--> 8.40 8.50

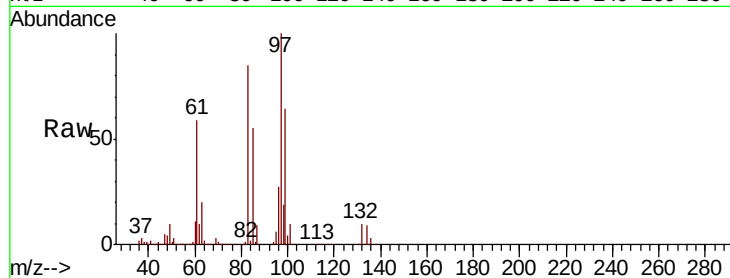




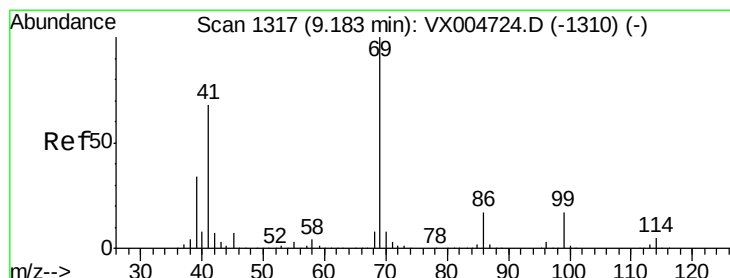
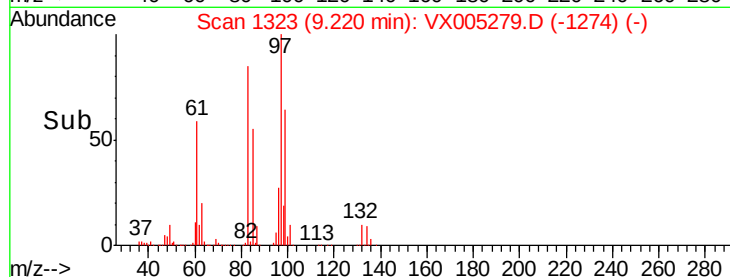
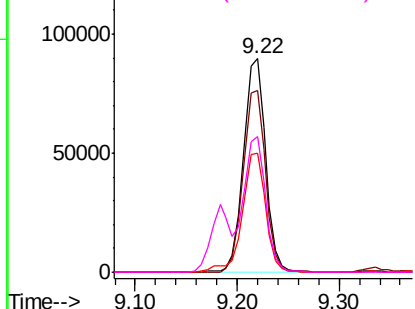
#55
 1,1,2-Trichloroethane
 Concen: 47.114 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX005279.D
 Acq: 12 Oct 2018 02:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	134896
Ion	Ratio	Lower	Upper
97	100		
83	85.3	68.2	102.2
85	55.5	49.9	74.9
99	63.6	48.9	73.3

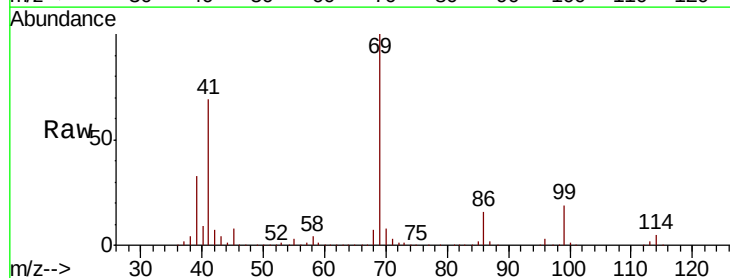


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

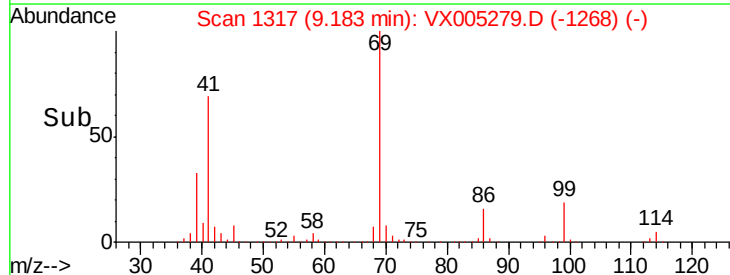
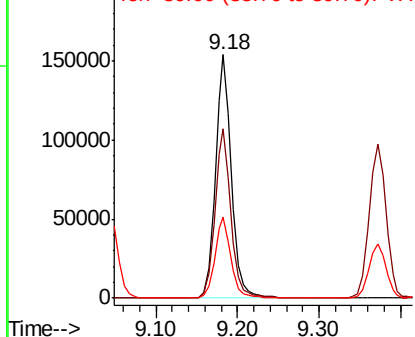


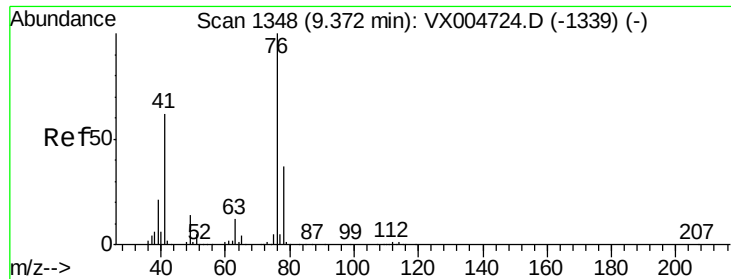
#56
 Ethyl methacrylate
 Concen: 45.886 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005279.D
 Acq: 12 Oct 2018 02:42

Tgt Ion:	69	Resp:	212035
Ion	Ratio	Lower	Upper
69	100		
41	69.7	56.9	85.3
39	33.3	28.4	42.6



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

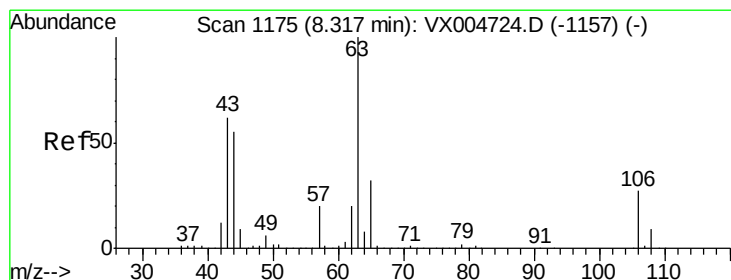
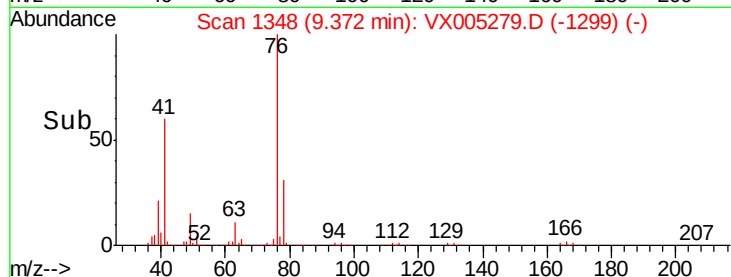
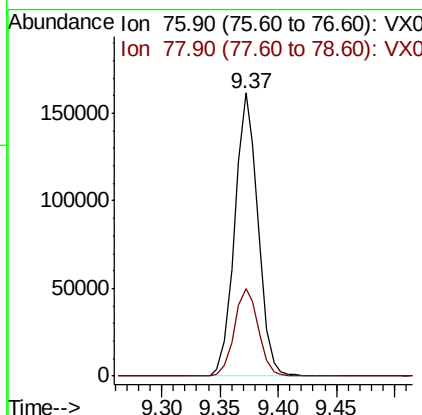
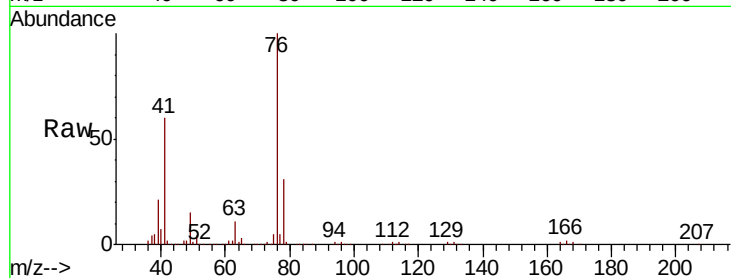




#57
 1,3-Dichloropropane
 Concen: 47.176 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX005279.D
 Acq: 12 Oct 2018 02:42

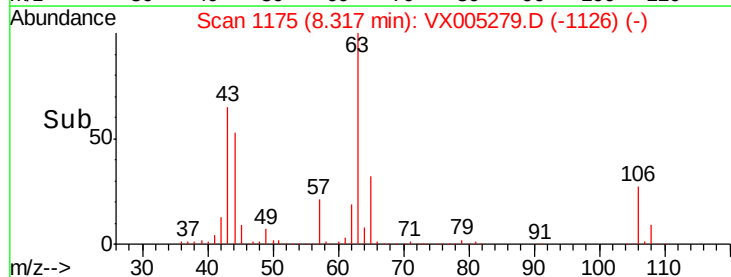
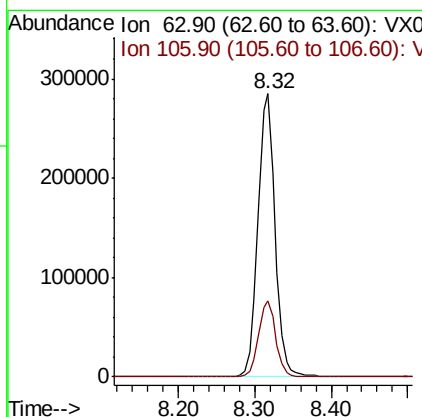
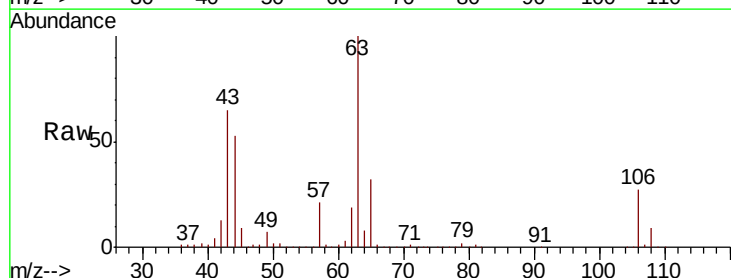
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

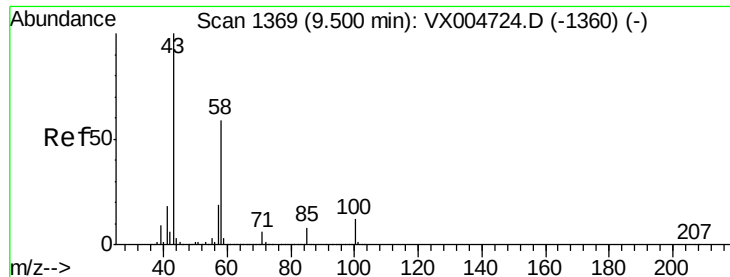
Tot Ion: 76 Resp: 224810
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 186.298 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: VX005279.D
 Acq: 12 Oct 2018 02:42

Tgt Ion: 63 Resp: 450112
 Ion Ratio Lower Upper
 63 100
 106 27.0 21.0 31.6

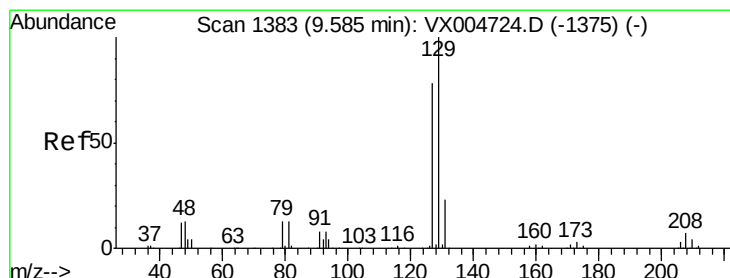
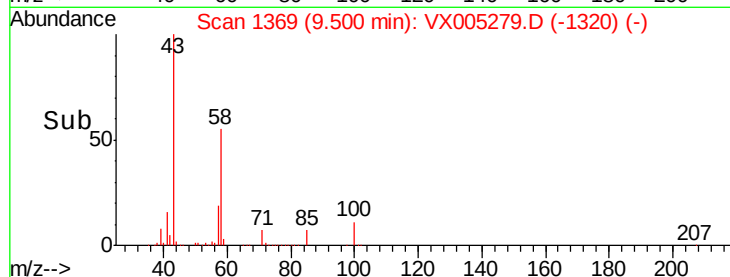
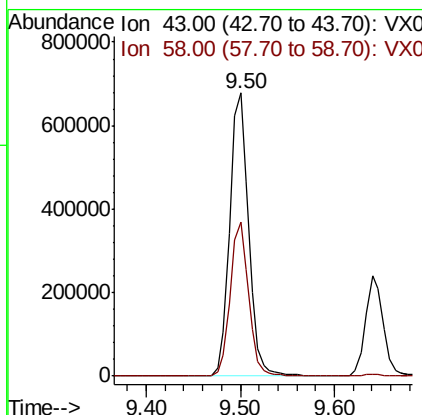
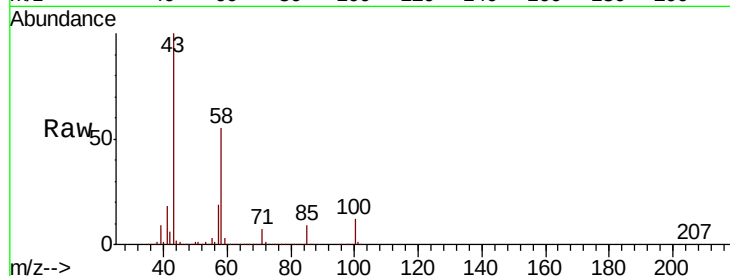




#59
2-Hexanone
Concen: 246.983 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

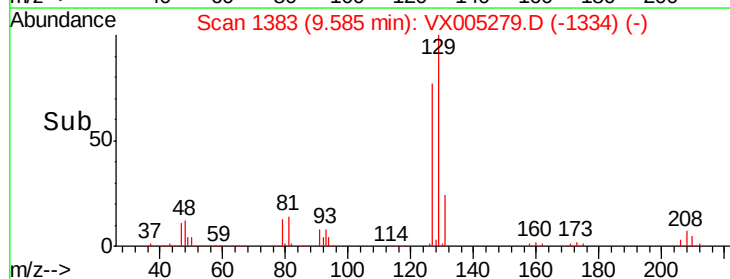
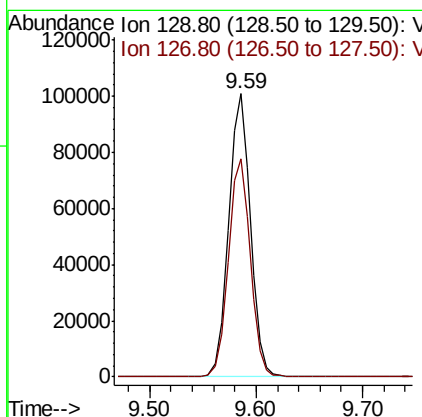
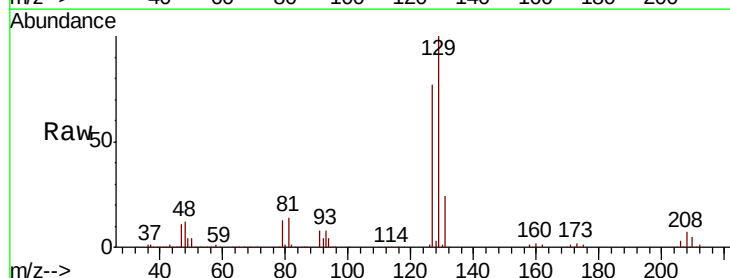
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

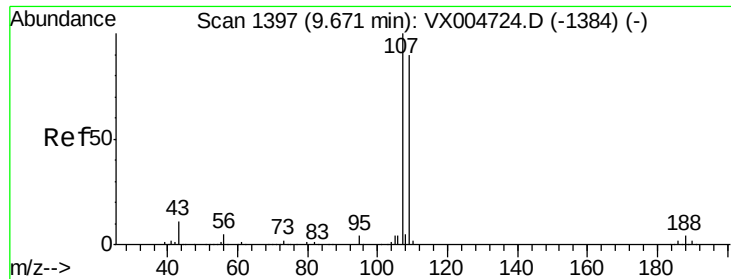
Tot Ion: 43 Resp: 943404
Ion Ratio Lower Upper
43 100
58 53.4 28.4 85.3



#60
Dibromochloromethane
Concen: 50.432 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

Tgt Ion:129 Resp: 144409
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.2





#61

1,2-Dibromoethane

Concen: 45.353 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Instrument :

MSVOA_X

ClientSampleId :

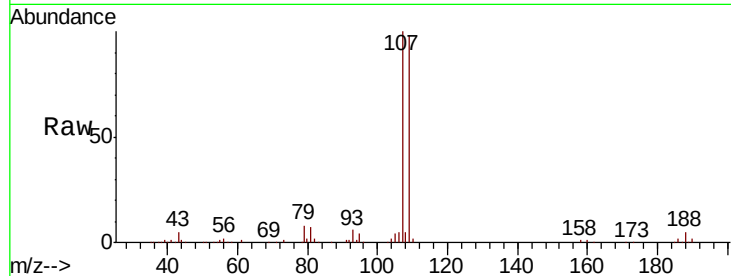
VSTDCCC050EC

Tot Ion:107 Resp: 139067

Ion Ratio Lower Upper

107 100

109 96.0 72.1 108.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

100000

80000

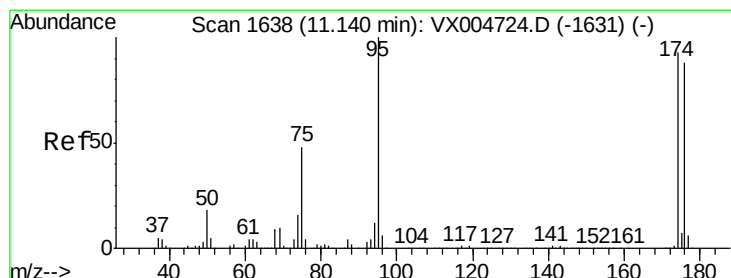
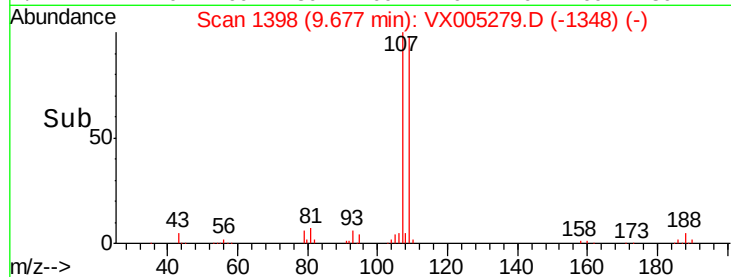
60000

40000

20000

0

Time--> 9.50 9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 42.102 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

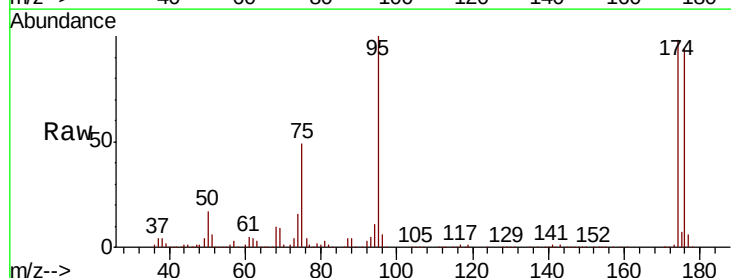
Tgt Ion: 95 Resp: 140428

Ion Ratio Lower Upper

95 100

174 93.7 0.0 185.0

176 91.6 0.0 180.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

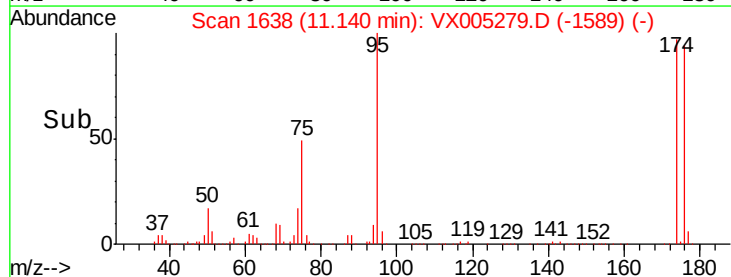
11.14

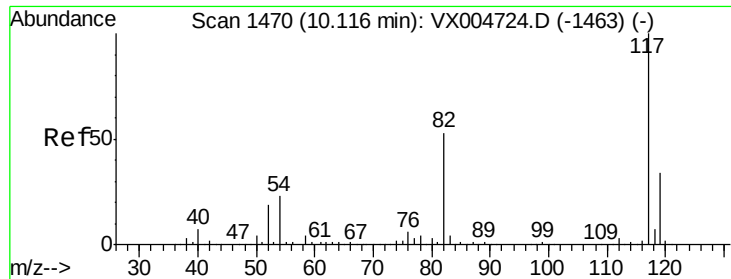
100000

50000

0

Time--> 11.10 11.20





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

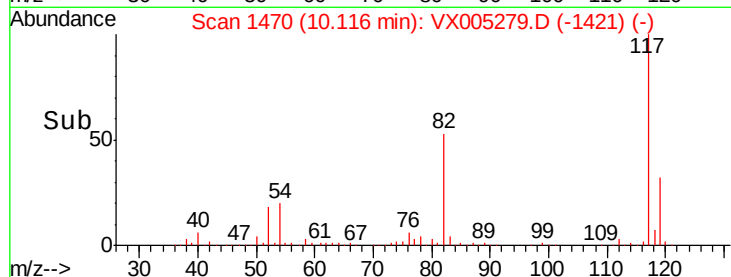
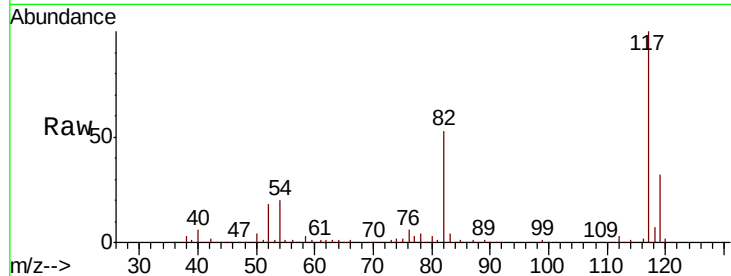
Tot Ion:117 Resp: 308990

Ion Ratio Lower Upper

117 100

82 53.3 42.2 63.4

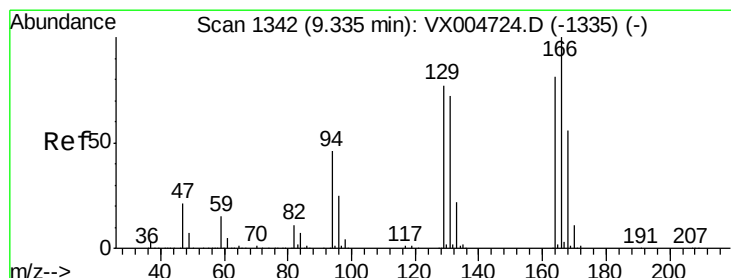
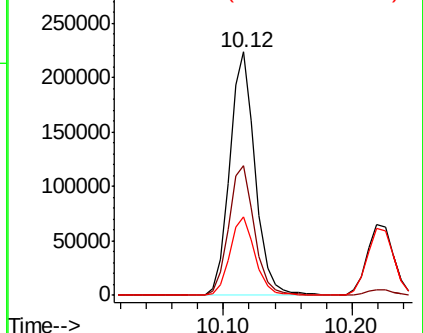
119 32.3 27.4 41.0



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: 45.763 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Tgt Ion:164 Resp: 139172

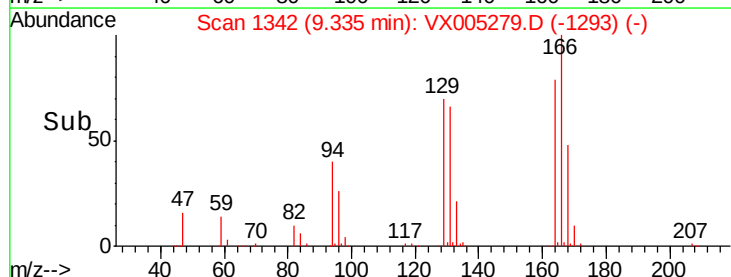
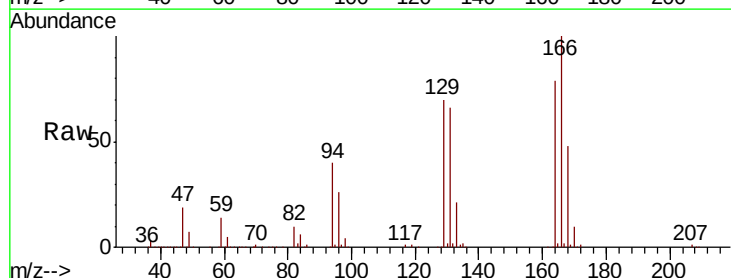
Ion Ratio Lower Upper

164 100

166 126.8 98.4 147.6

129 88.4 76.1 114.1

131 84.1 71.0 106.4

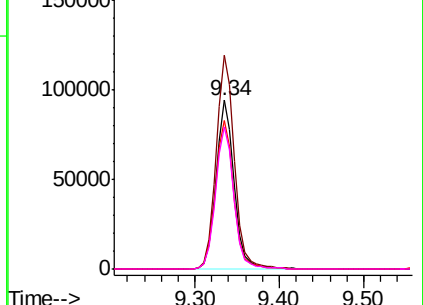


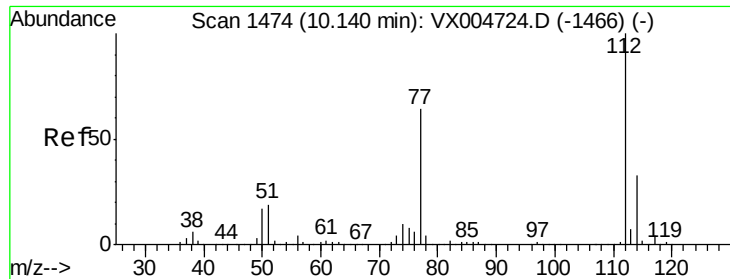
Abundance Ion 163.80 (163.50 to 164.50): V

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

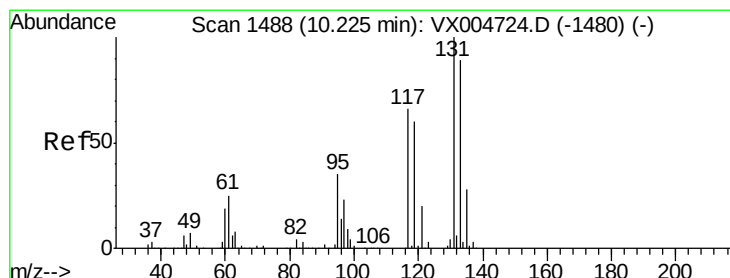
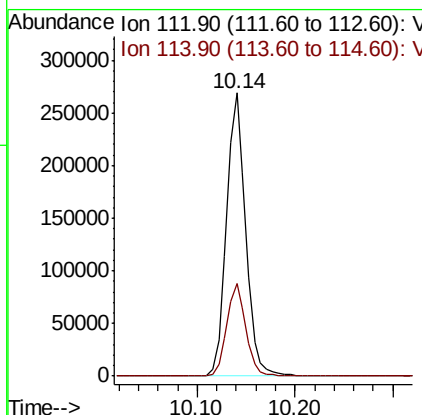
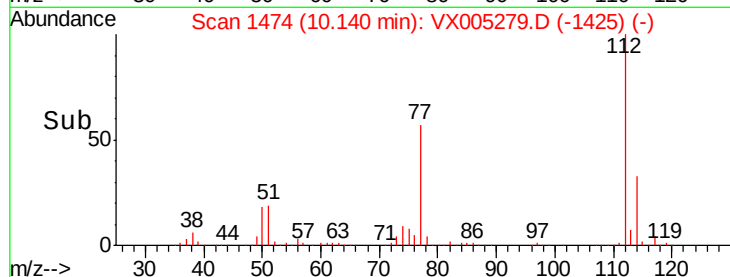
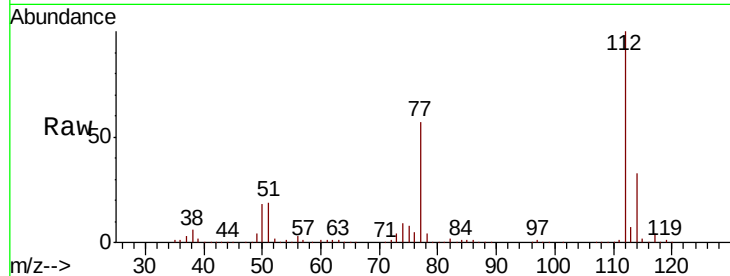




#65
Chlorobenzene
Concen: 46.265 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

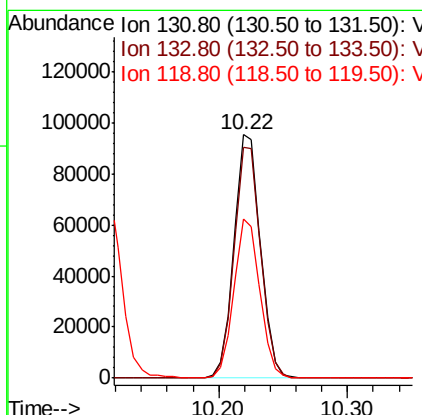
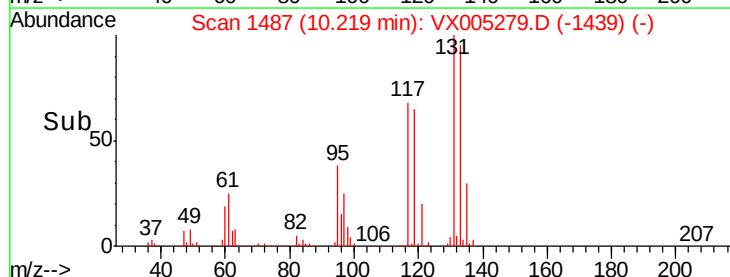
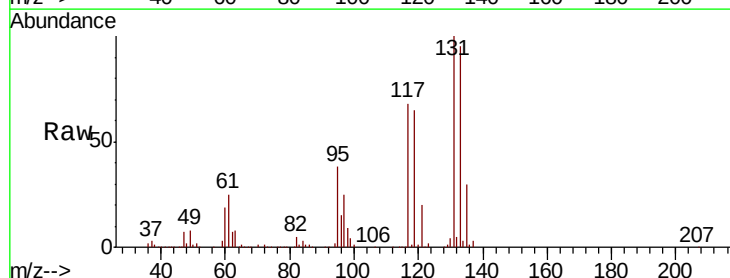
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

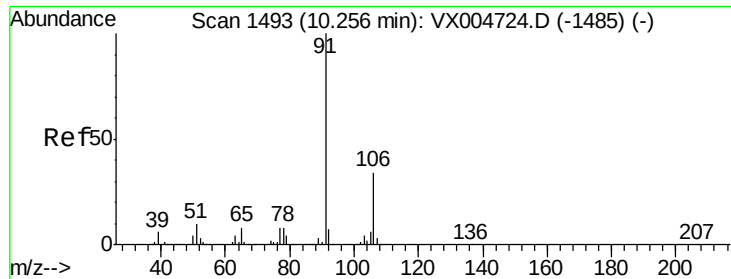
Tot Ion:112 Resp: 366577
Ion Ratio Lower Upper
112 100
114 32.7 26.7 40.1



#66
1,1,1,2-Tetrachloroethane
Concen: 48.920 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

Tgt Ion:131 Resp: 136269
Ion Ratio Lower Upper
131 100
133 95.5 48.4 145.0
119 64.3 32.3 96.8

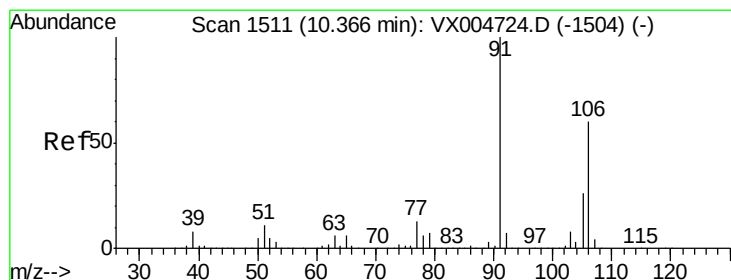
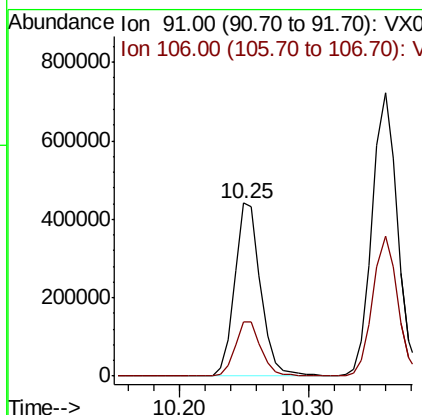
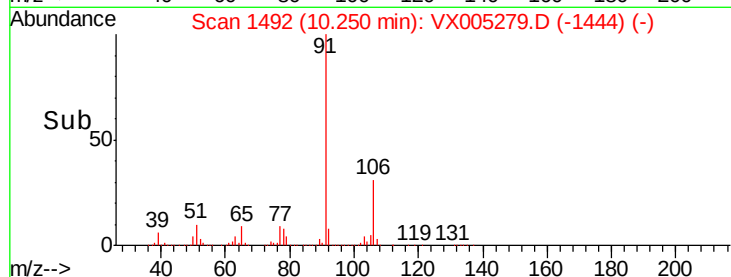
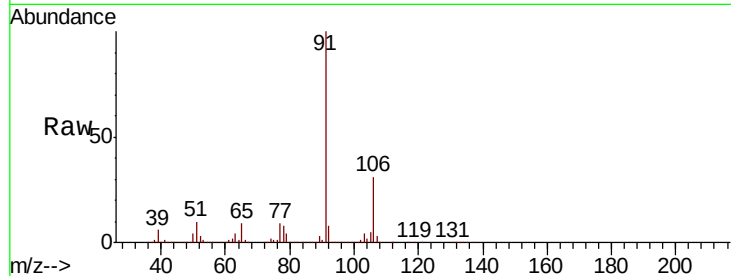




#67
Ethyl Benzene
Concen: 49.322 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

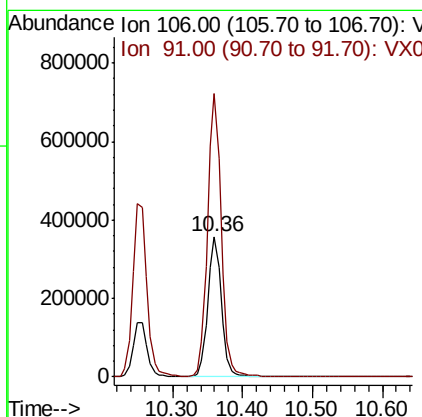
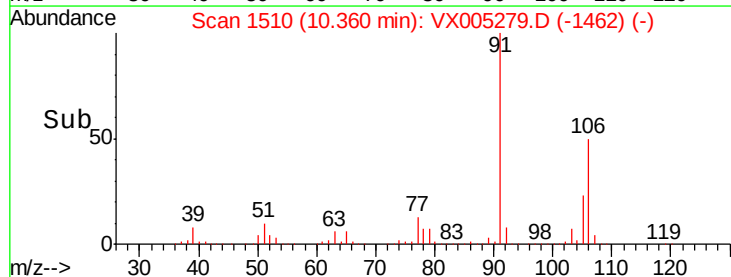
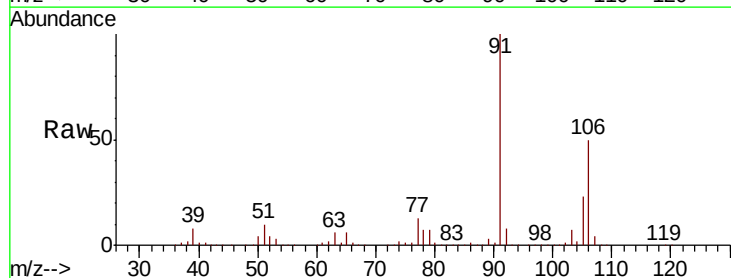
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

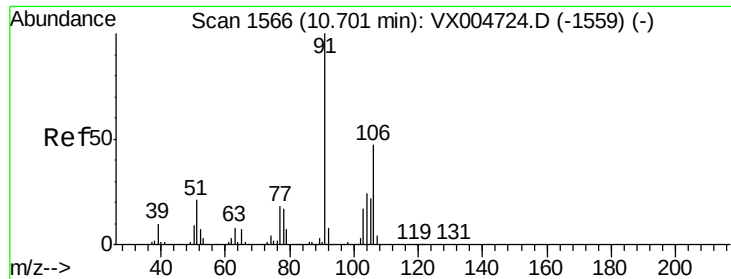
Tot Ion: 91 Resp: 620441
Ion Ratio Lower Upper
91 100
106 31.0 26.9 40.3



#68
m/p-Xylenes
Concen: 98.647 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

Tgt Ion: 106 Resp: 484913
Ion Ratio Lower Upper
106 100
91 203.4 157.5 236.3

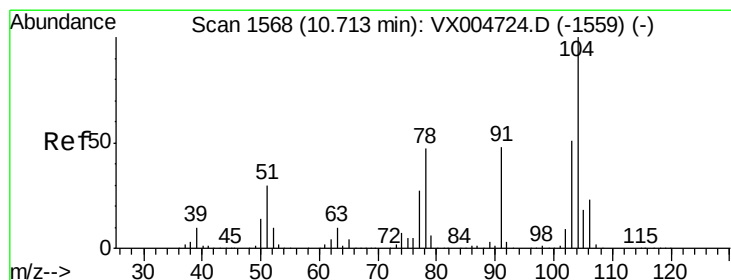
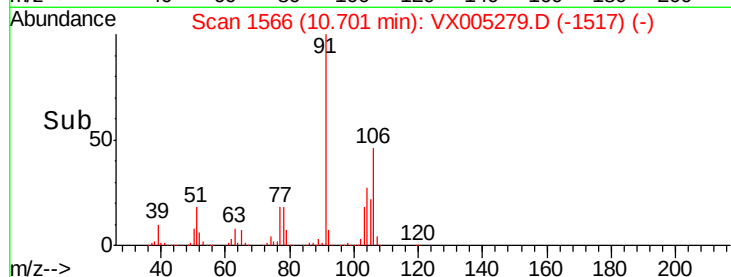
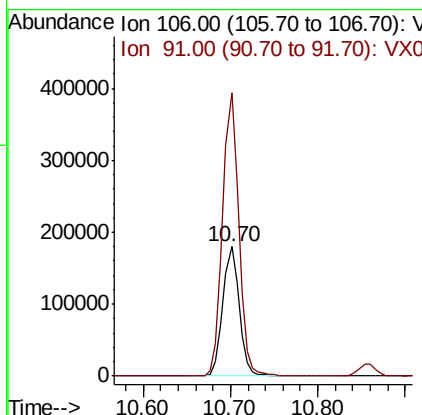
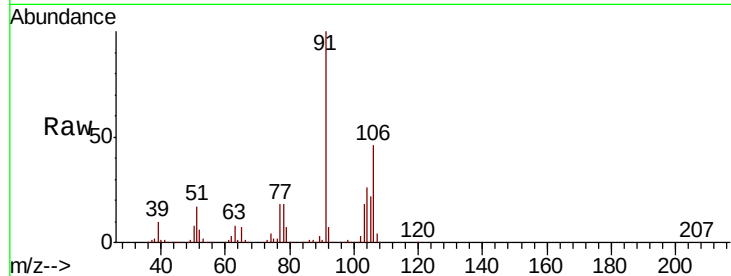




#69
o-Xylene
Concen: 51.601 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

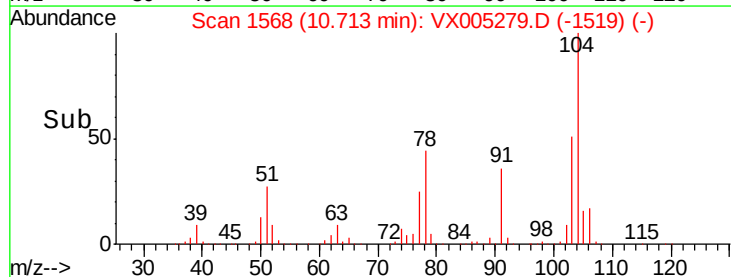
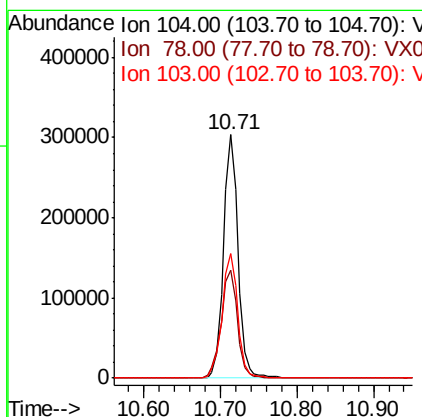
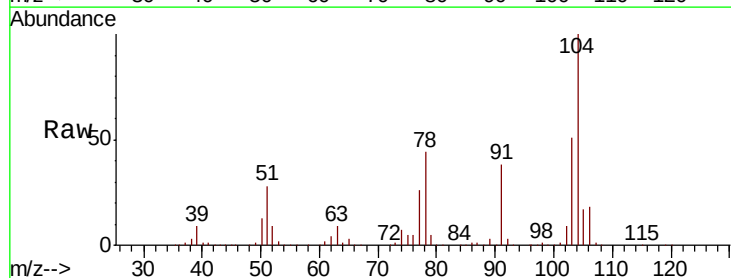
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

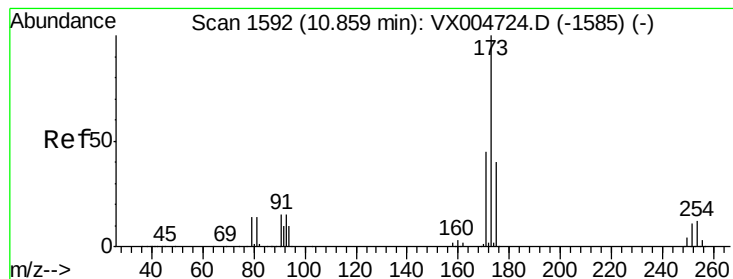
Tot Ion:106 Resp: 232977
Ion Ratio Lower Upper
106 100
91 216.5 108.3 324.8



#70
Styrene
Concen: 47.331 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

Tgt Ion:104 Resp: 398672
Ion Ratio Lower Upper
104 100
78 49.7 40.0 60.0
103 55.7 44.3 66.5





#71

Bromoform

Concen: 51.961 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

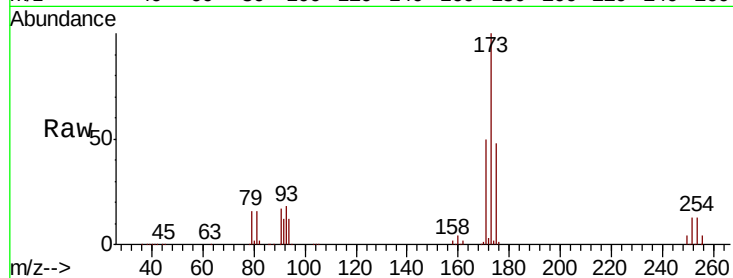
Tot Ion:173 Resp: 123915

Ion Ratio Lower Upper

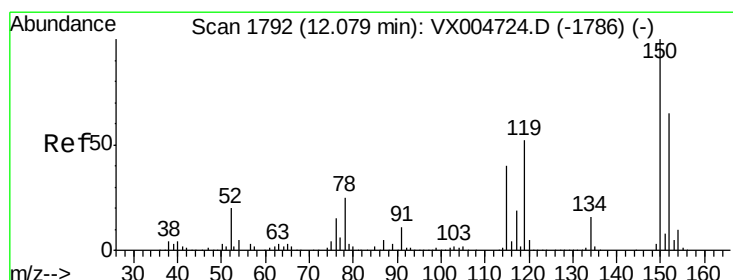
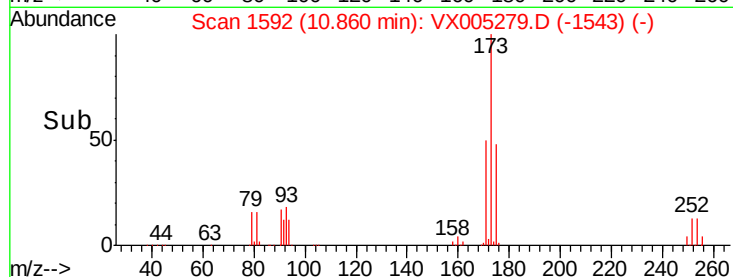
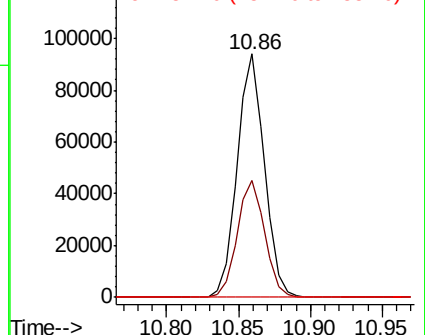
173 100

175 48.5 23.3 69.8

254 0.1 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: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

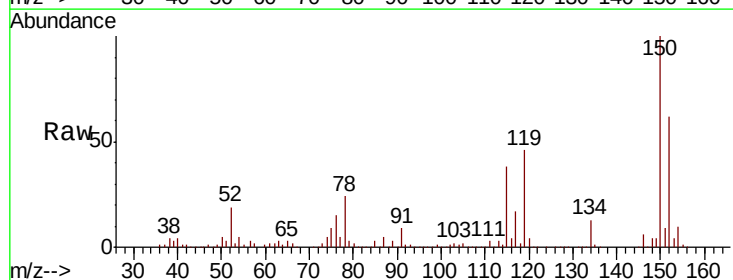
Tgt Ion:152 Resp: 174389

Ion Ratio Lower Upper

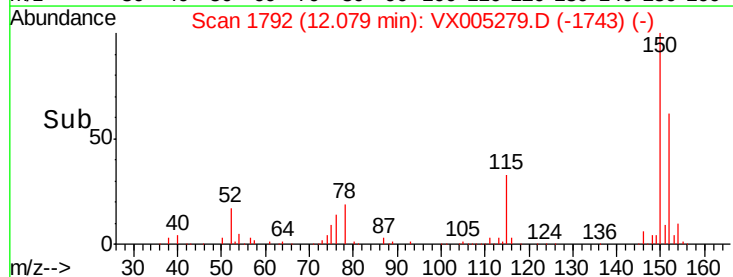
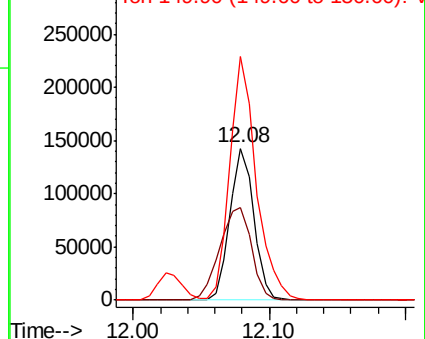
152 100

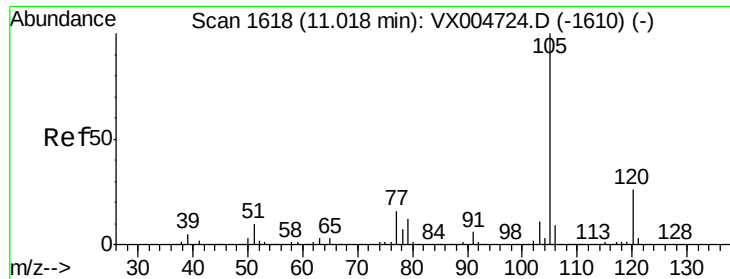
115 81.1 40.2 120.6

150 177.4 0.0 351.0



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

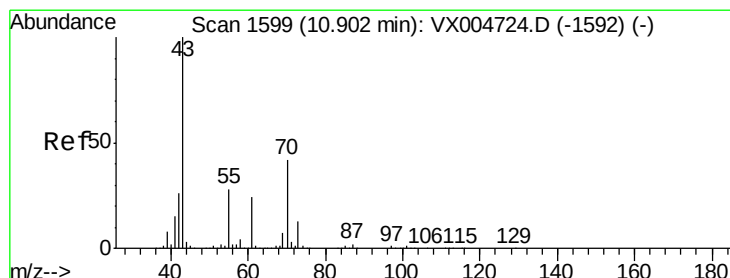
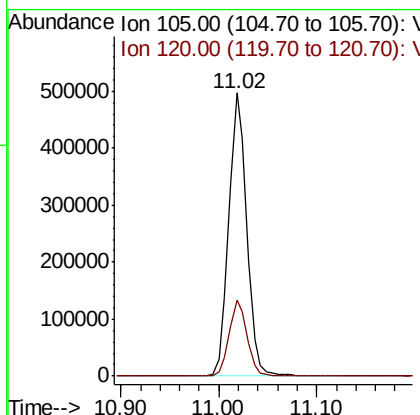
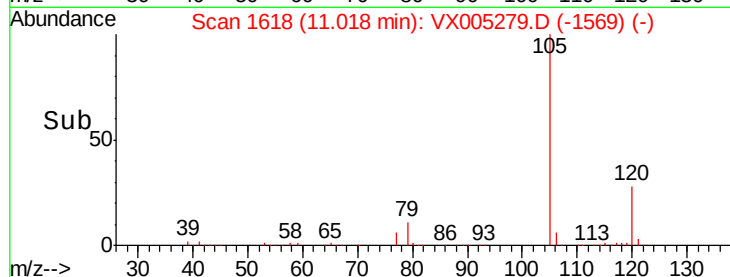
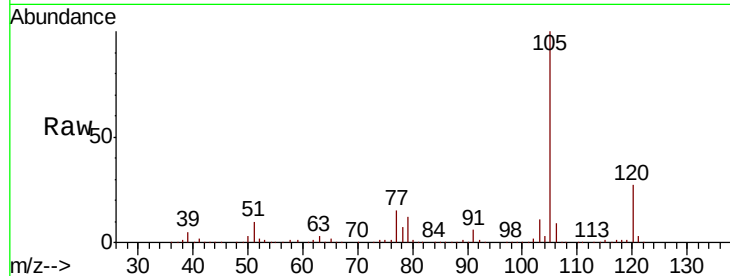




#73
Isopropylbenzene
Concen: 57.754 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

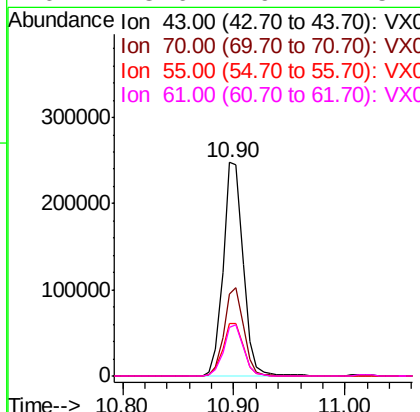
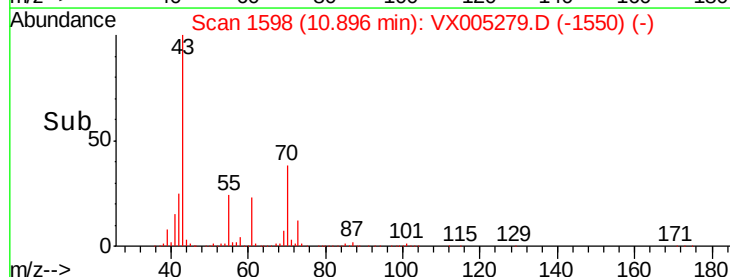
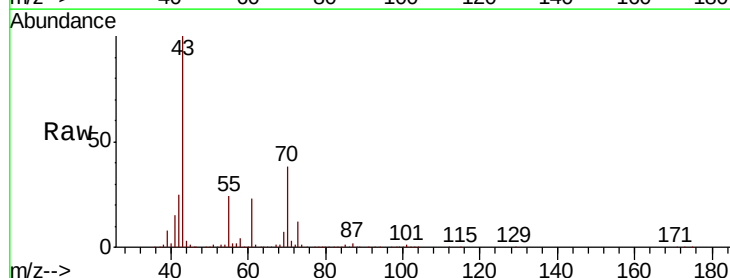
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

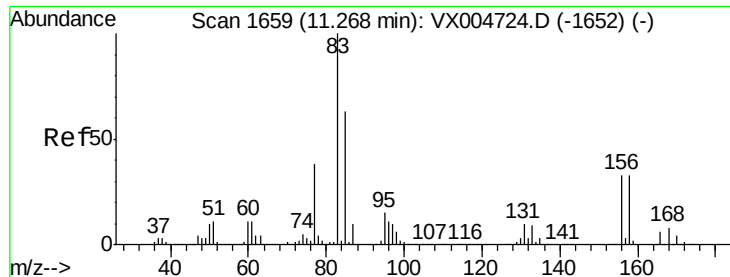
Tot Ion: 105 Resp: 634826
Ion Ratio Lower Upper
105 100
120 26.7 13.2 39.5



#74
N-ethyl acetate
Concen: 51.127 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.01 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

Tgt Ion: 43 Resp: 309138
Ion Ratio Lower Upper
43 100
70 40.5 32.6 48.8
55 25.3 21.6 32.4
61 23.6 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 51.063 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

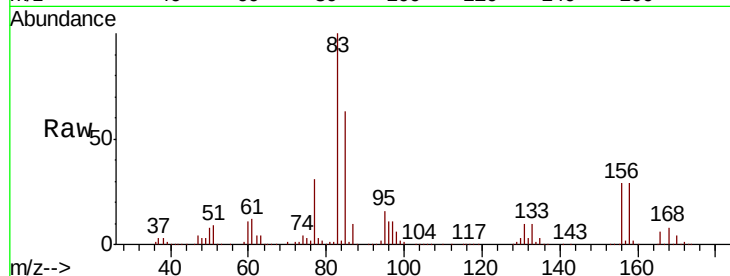
Tot Ion: 83 Resp: 228479

Ion Ratio Lower Upper

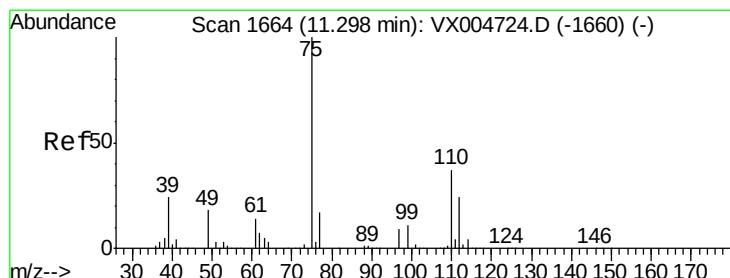
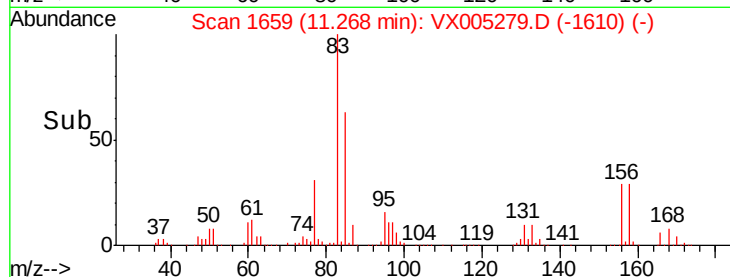
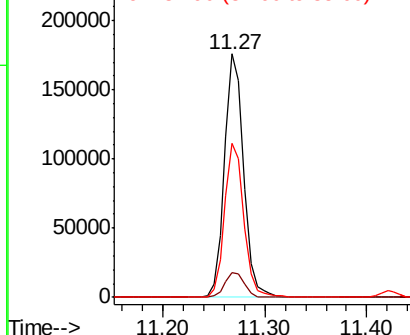
83 100

131 10.5 5.1 15.3

85 63.7 31.9 95.9



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: 65.704 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX005279.D

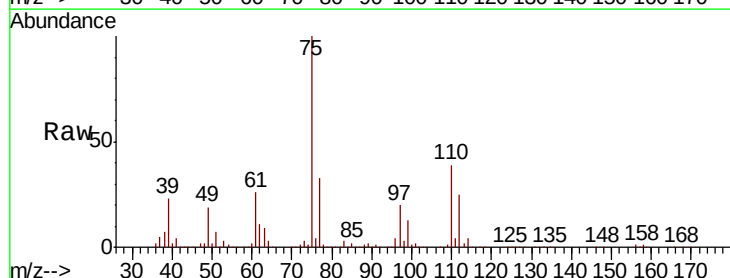
Acq: 12 Oct 2018 02:42

Tgt Ion: 75 Resp: 256815

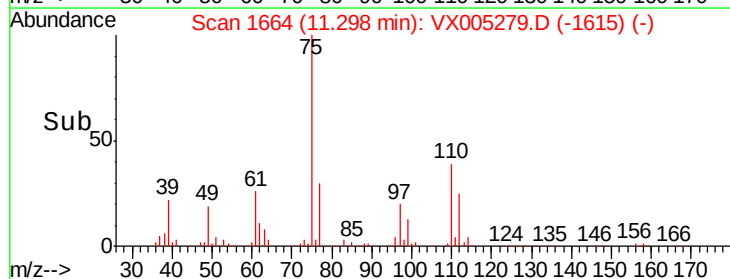
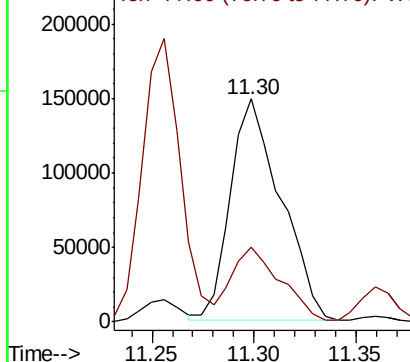
Ion Ratio Lower Upper

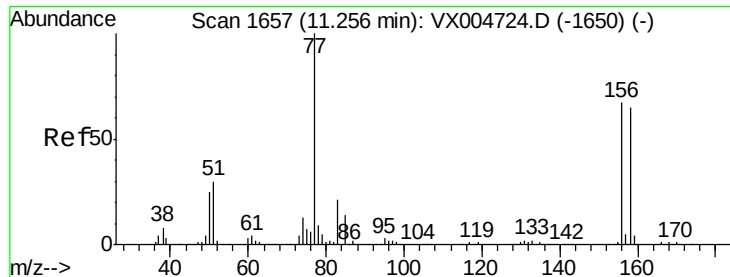
75 100

77 32.4 21.4 64.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 54.755 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

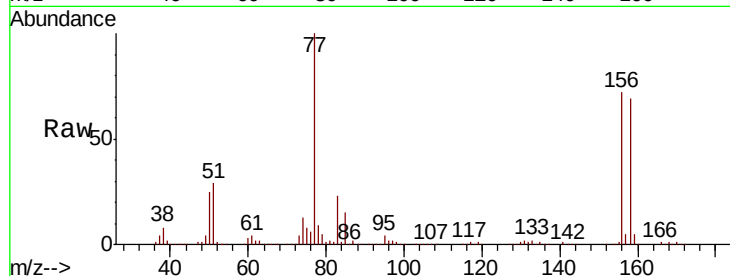
Tot Ion:156 Resp: 174817

Ion Ratio Lower Upper

156 100

77 142.0 73.4 220.2

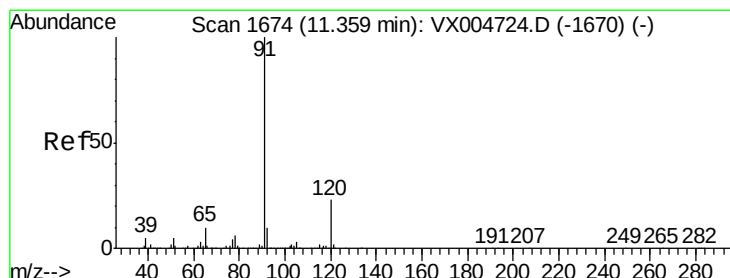
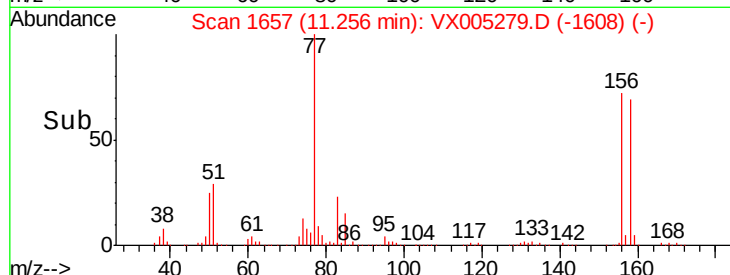
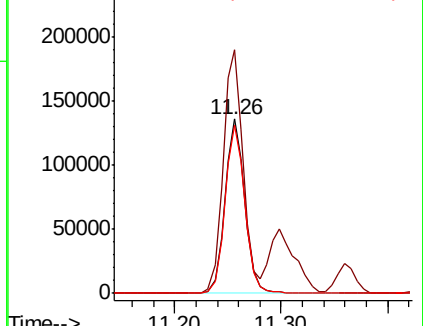
158 97.6 49.1 147.4



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: 57.483 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005279.D

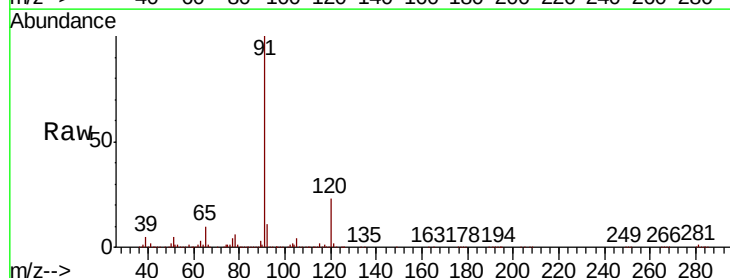
Acq: 12 Oct 2018 02:42

Tgt Ion: 91 Resp: 724978

Ion Ratio Lower Upper

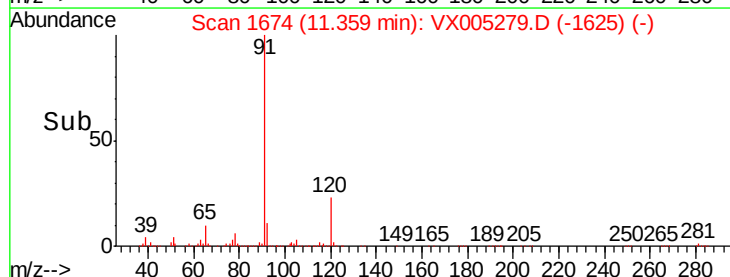
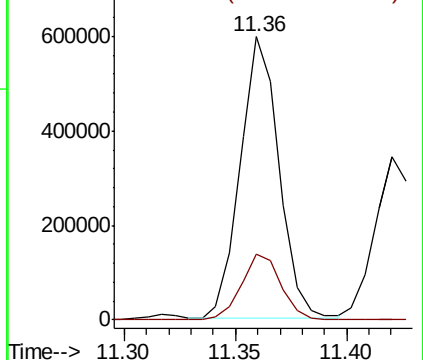
91 100

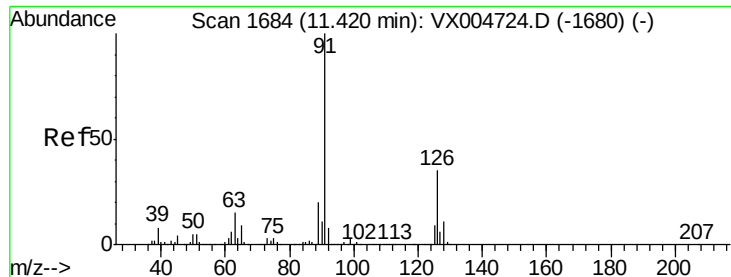
120 23.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 55.421 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Instrument :

MSVOA_X

ClientSampleId :

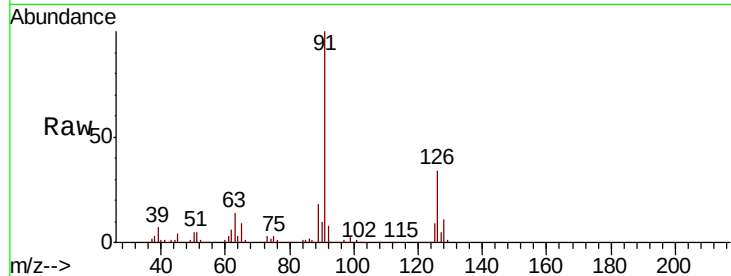
VSTDCCC050EC

Tot Ion: 91 Resp: 435678

Ion Ratio Lower Upper

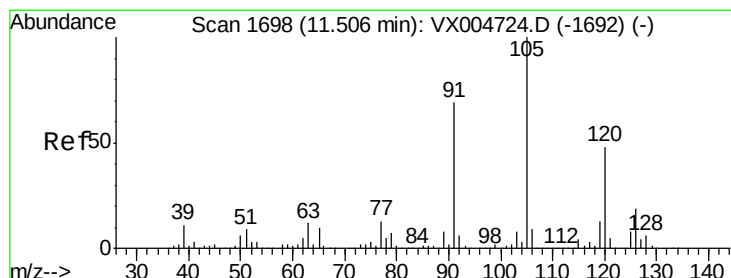
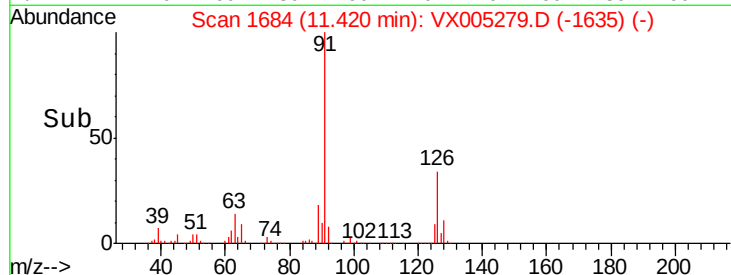
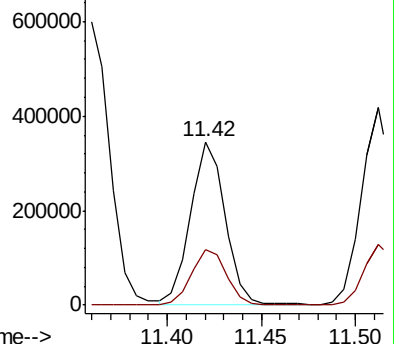
91 100

126 35.3 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 54.429 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX005279.D

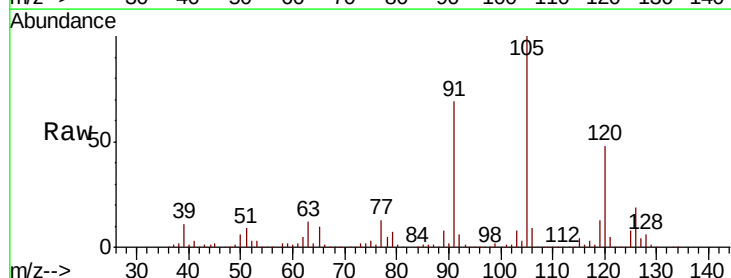
Acq: 12 Oct 2018 02:42

Tgt Ion: 105 Resp: 548171

Ion Ratio Lower Upper

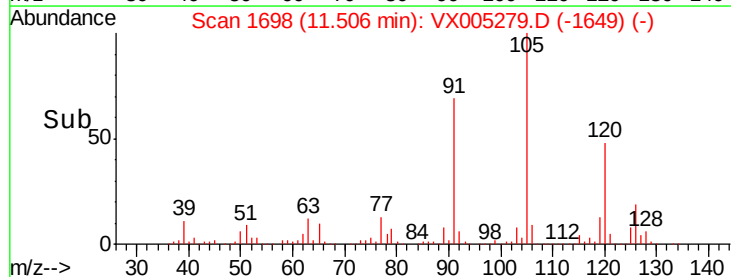
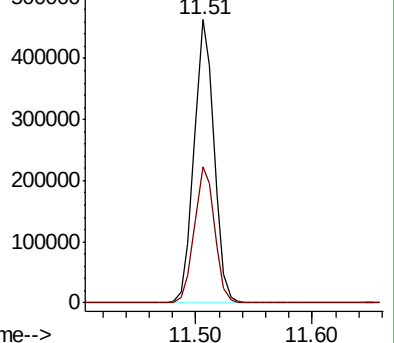
105 100

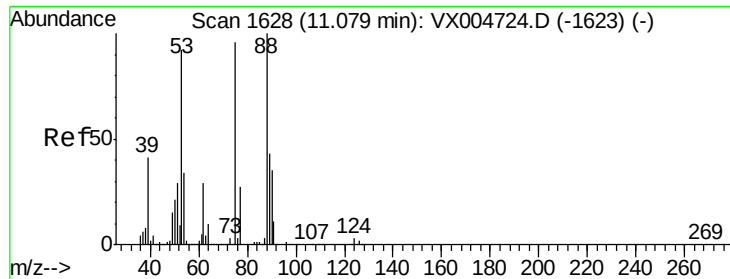
120 48.9 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 41.674 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

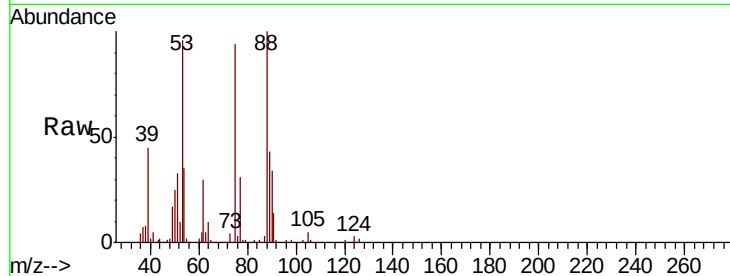
Tot Ion: 75 Resp: 59230

Ion Ratio Lower Upper

75 100

53 98.5 80.2 120.4

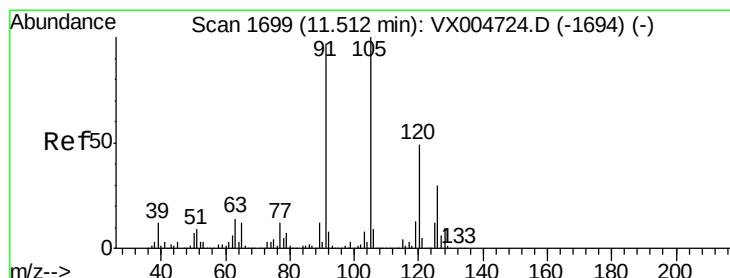
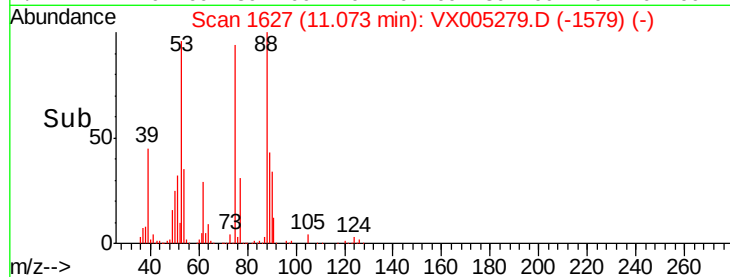
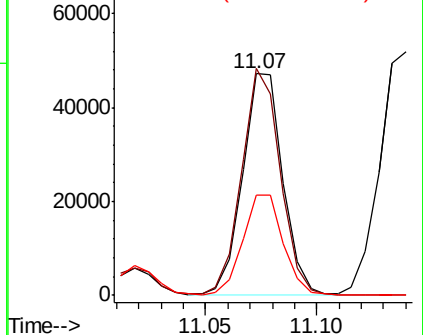
89 46.2 37.1 55.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 55.675 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX005279.D

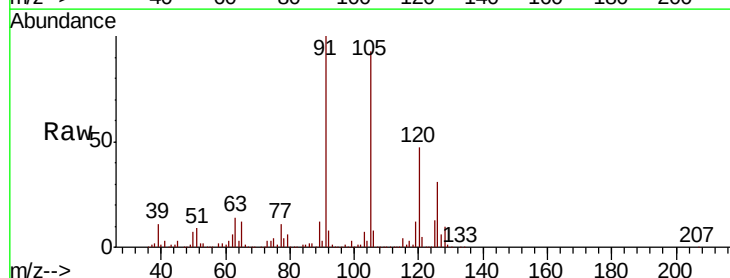
Acq: 12 Oct 2018 02:42

Tgt Ion: 91 Resp: 515164

Ion Ratio Lower Upper

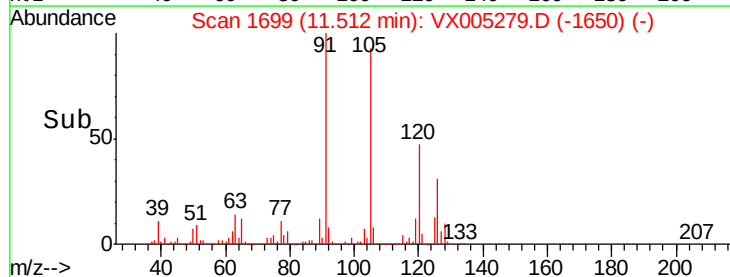
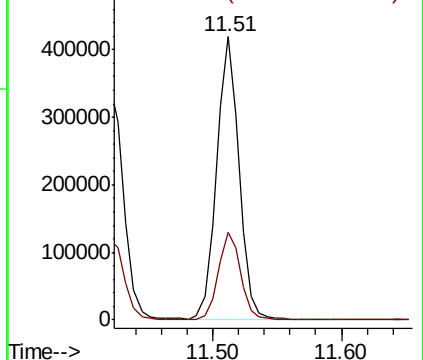
91 100

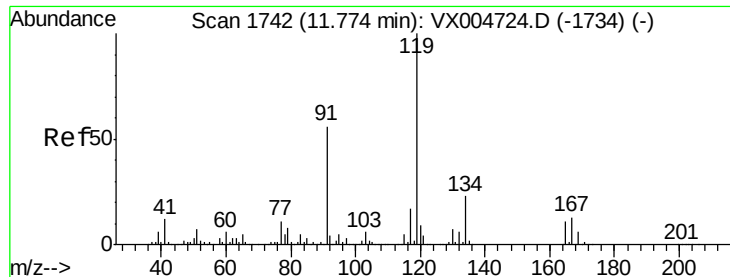
126 30.8 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

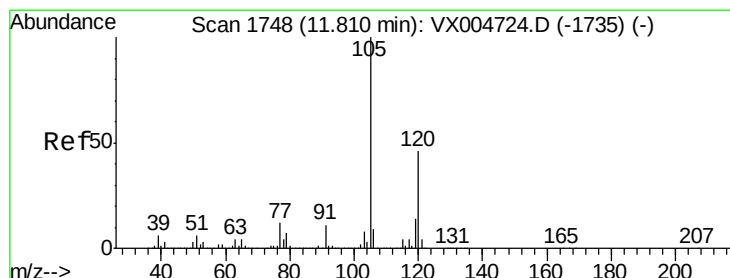
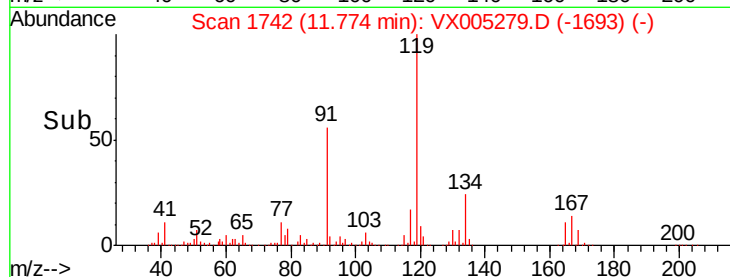
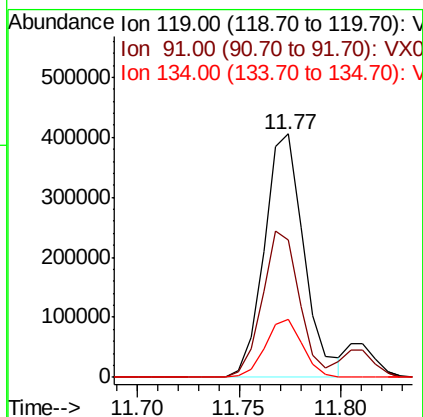
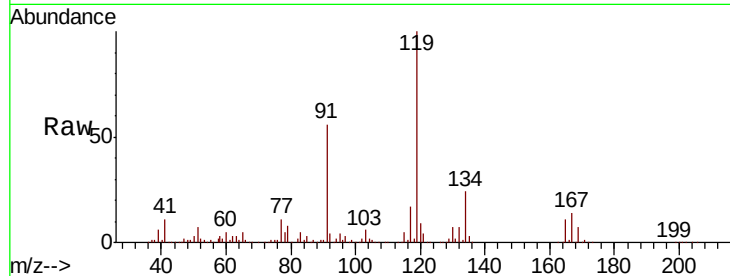




#83
 tert-Butylbenzene
 Concen: 60.628 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX005279.D
 Acq: 12 Oct 2018 02:42

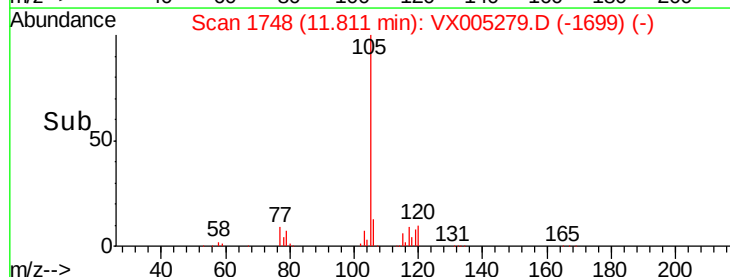
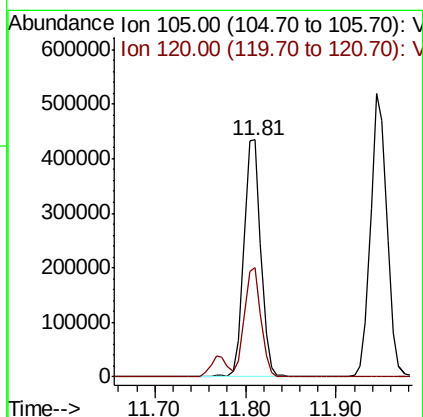
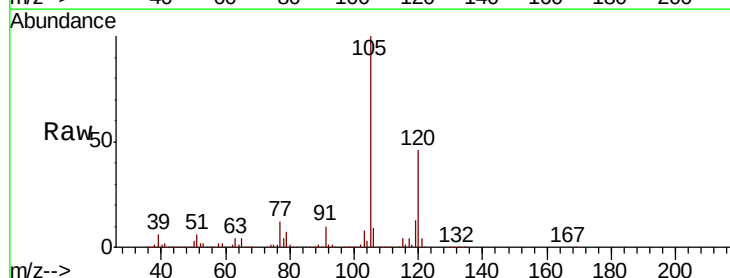
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

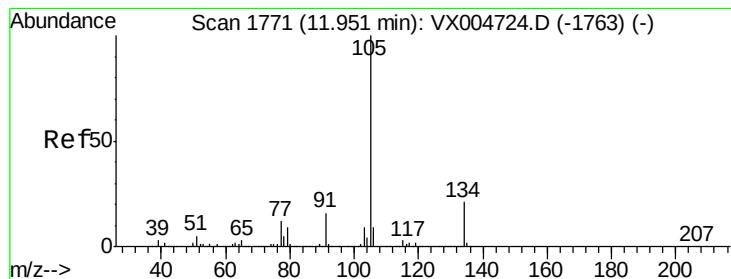
Tot Ion:119 Resp: 548685
 Ion Ratio Lower Upper
 119 100
 91 56.2 27.5 82.5
 134 22.6 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 54.087 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX005279.D
 Acq: 12 Oct 2018 02:42

Tgt Ion:105 Resp: 561773
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.8 68.3





#85

sec-Butylbenzene

Concen: 59.146 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Instrument :

MSVOA_X

ClientSampleId :

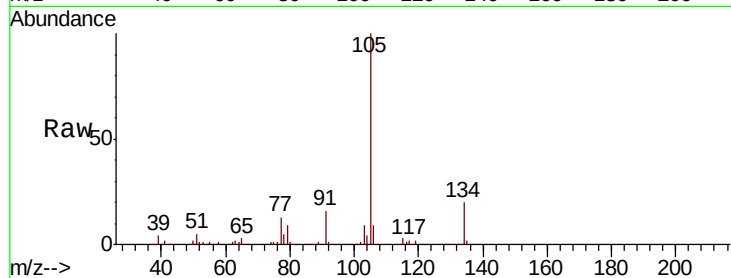
VSTDCCC050EC

Tot Ion:105 Resp: 651980

Ion Ratio Lower Upper

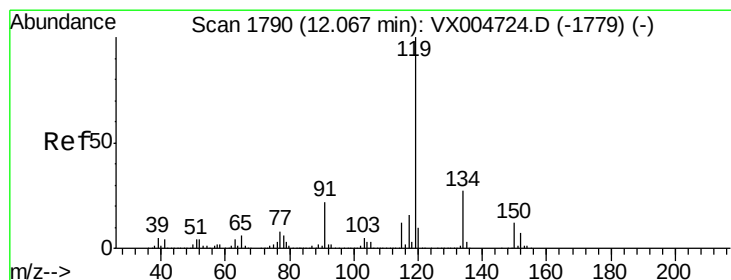
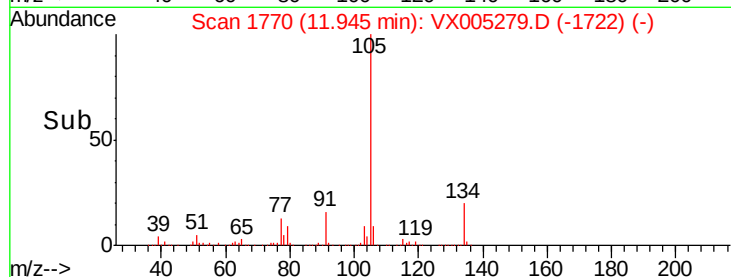
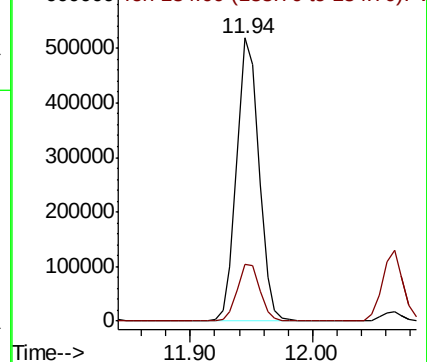
105 100

134 20.5 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 58.959 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

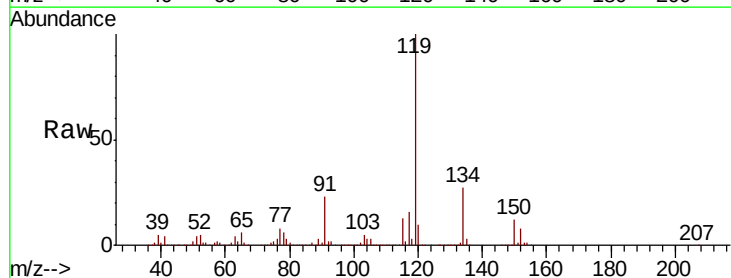
Tgt Ion:119 Resp: 588827

Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.1

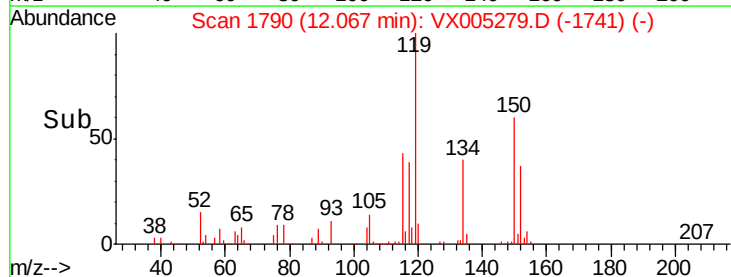
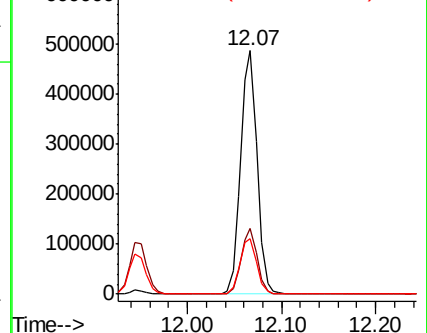
91 23.1 11.5 34.4

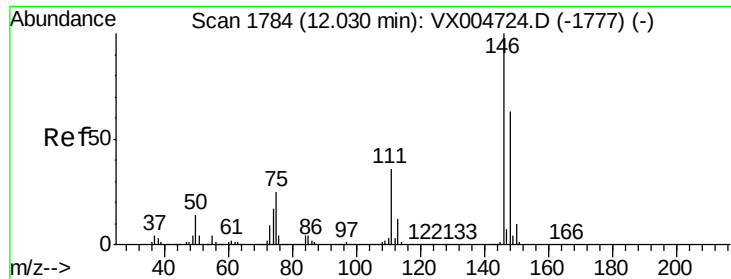


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

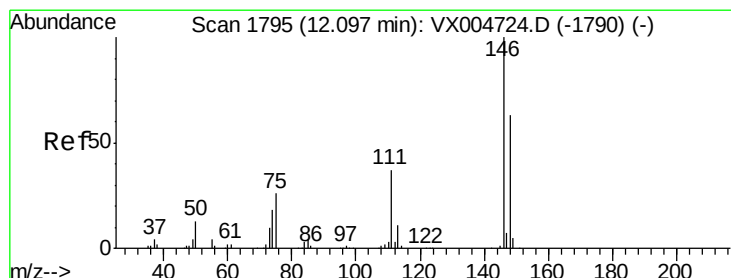
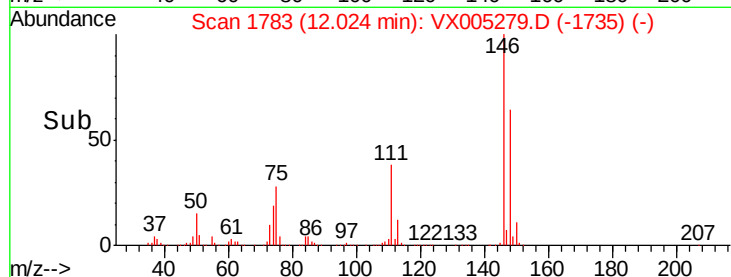
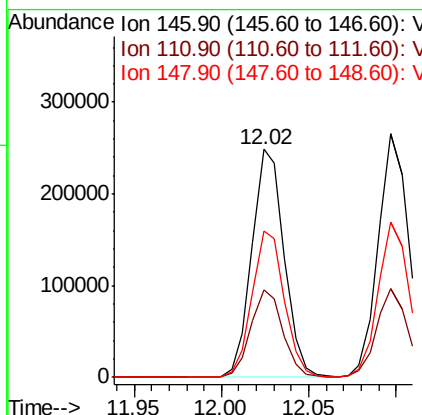
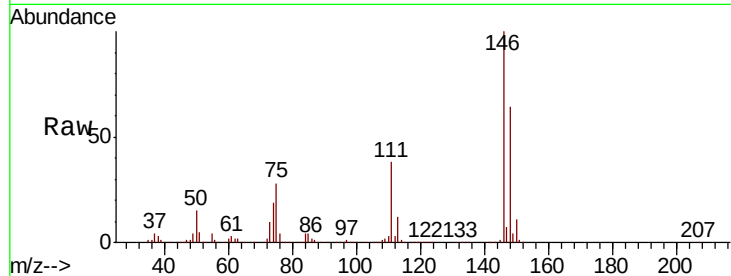




#87
 1,3-Dichlorobenzene
 Concen: 53.658 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX005279.D
 Acq: 12 Oct 2018 02:42

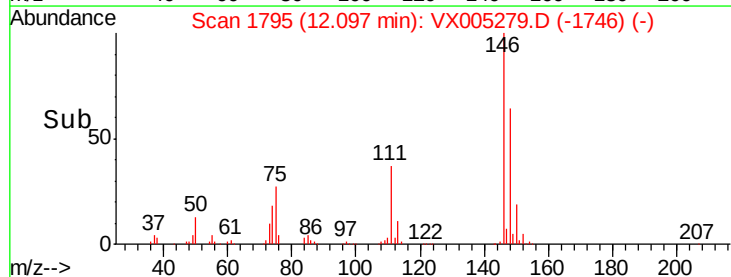
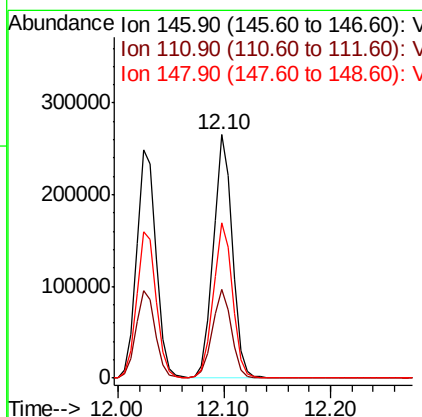
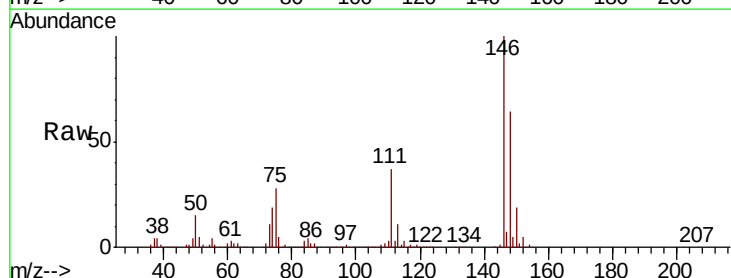
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

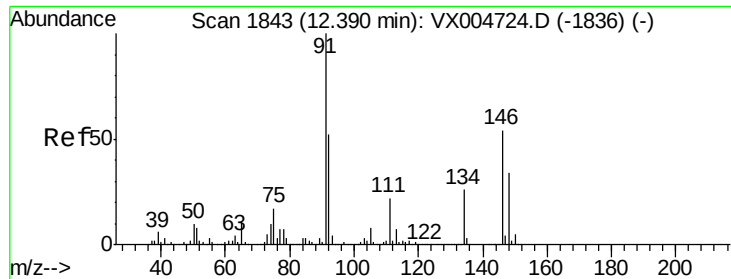
Tot Ion:146 Resp: 319891
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.9 56.9
 148 64.3 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 52.828 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX005279.D
 Acq: 12 Oct 2018 02:42

Tgt Ion:146 Resp: 325118
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.4 55.2
 148 64.3 32.0 96.0

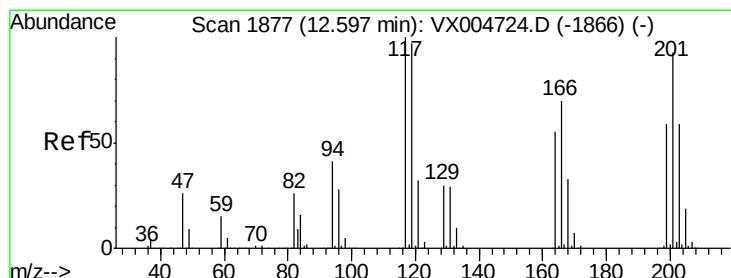
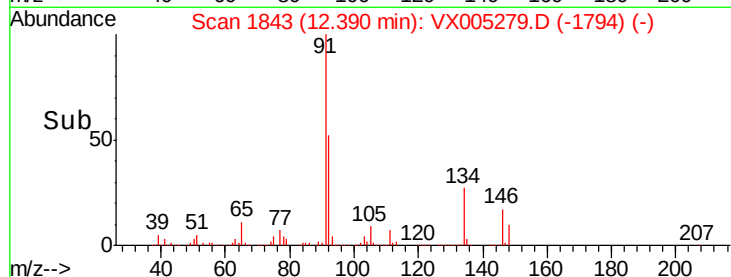
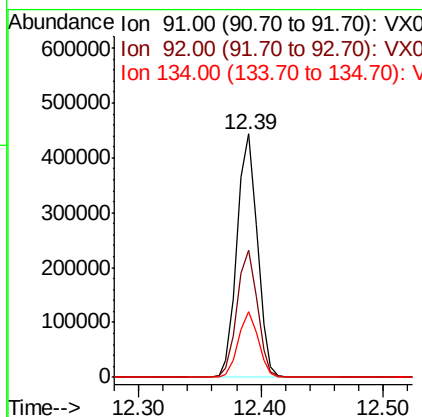
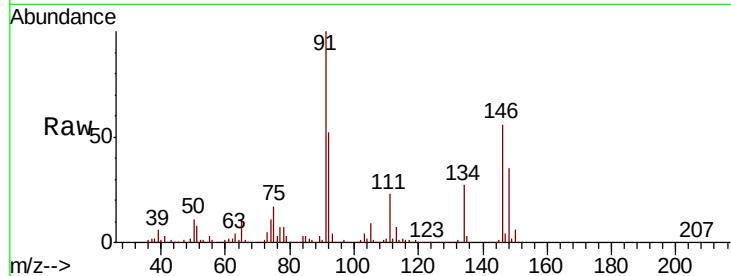




#89
n-Butylbenzene
Concen: 56.040 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

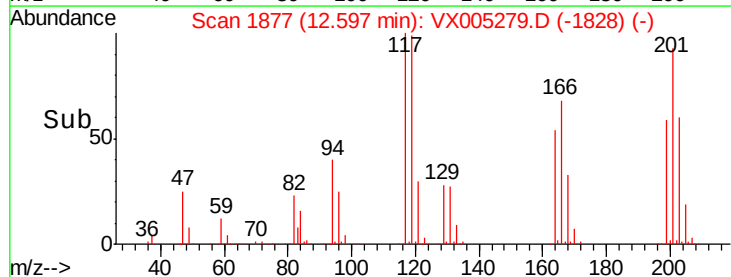
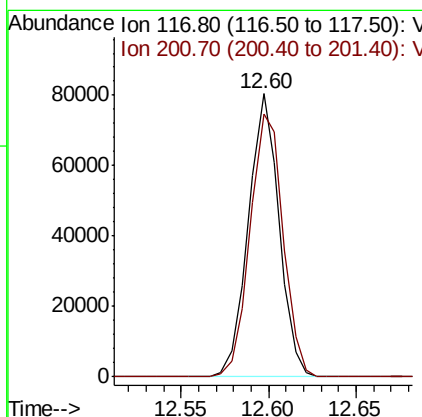
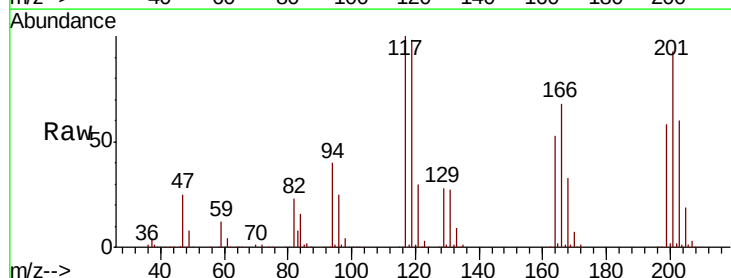
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

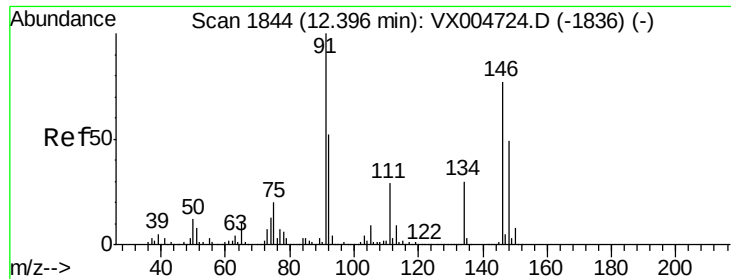
Tot Ion: 91 Resp: 508291
Ion Ratio Lower Upper
91 100
92 52.5 26.0 78.0
134 26.6 13.2 39.6



#90
Hexachloroethane
Concen: 58.935 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005279.D
Acq: 12 Oct 2018 02:42

Tgt Ion: 117 Resp: 97999
Ion Ratio Lower Upper
117 100
201 100.2 48.4 145.0

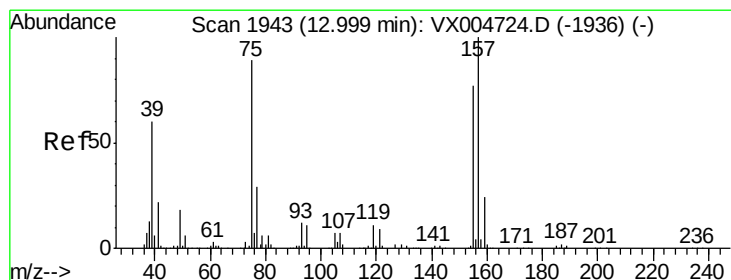
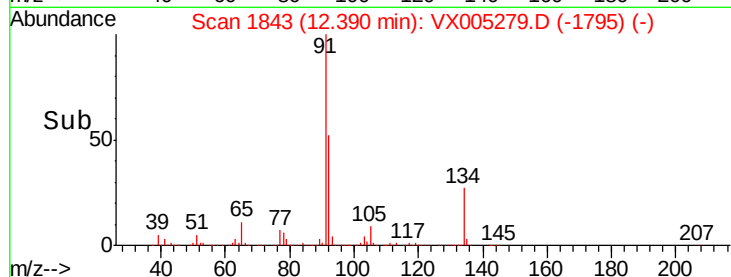
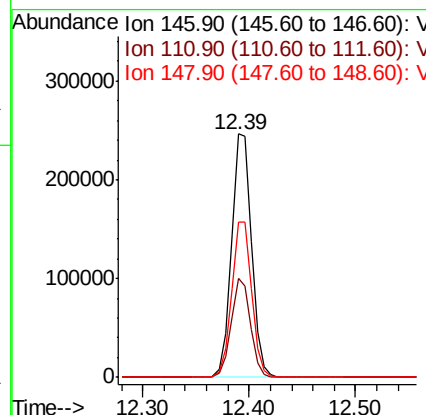
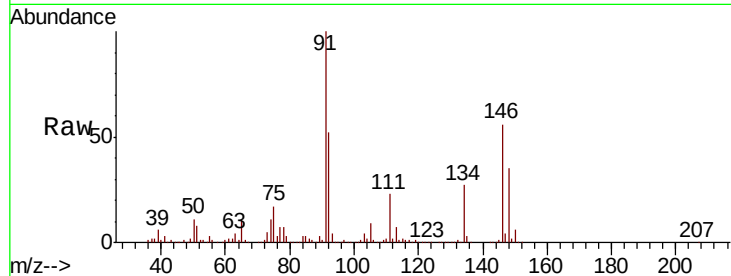




#91
 1,2-Dichlorobenzene
 Concen: 52.208 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: VX005279.D
 Acq: 12 Oct 2018 02:42

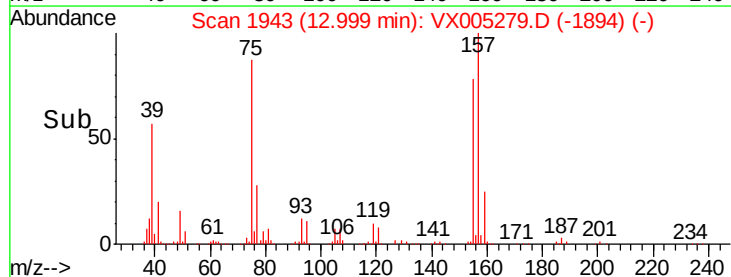
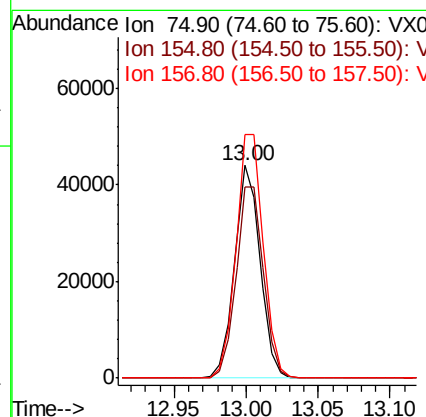
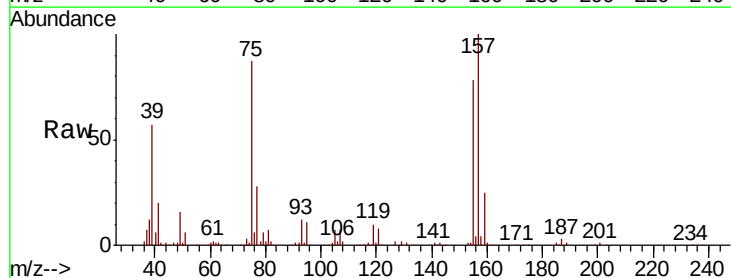
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

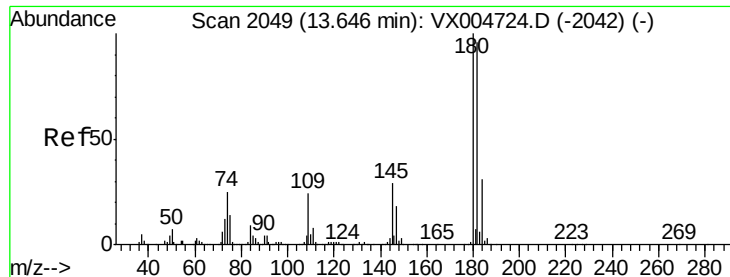
Tot Ion:146 Resp: 325271
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.6 58.7
 148 63.9 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.018 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX005279.D
 Acq: 12 Oct 2018 02:42

Tgt Ion: 75 Resp: 55035
 Ion Ratio Lower Upper
 75 100
 155 95.5 46.1 138.3
 157 121.6 60.2 180.6

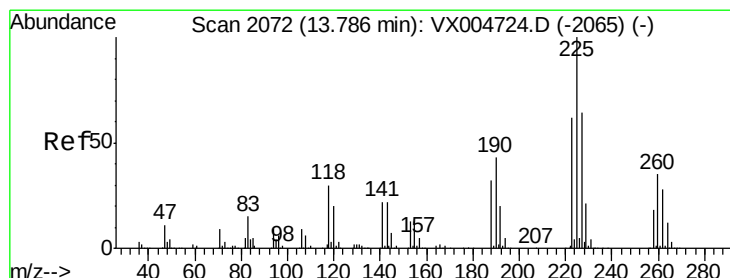
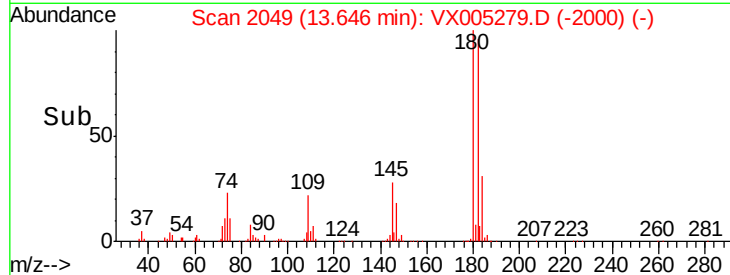
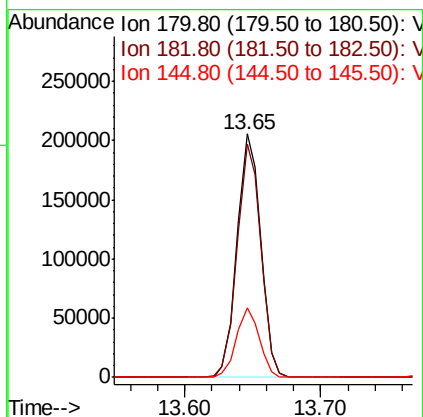
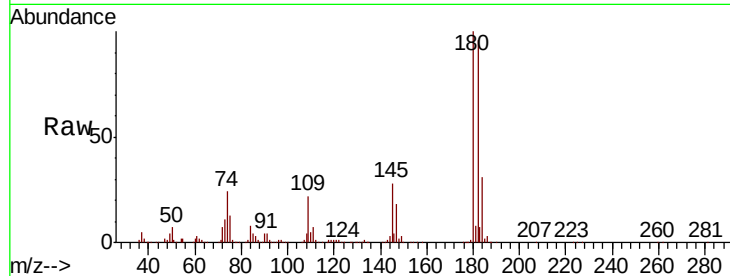




#93
 1,2,4-Trichlorobenzene
 Concen: 56.968 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005279.D
 Acq: 12 Oct 2018 02:42

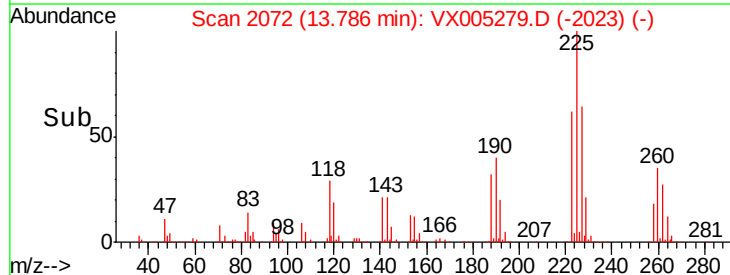
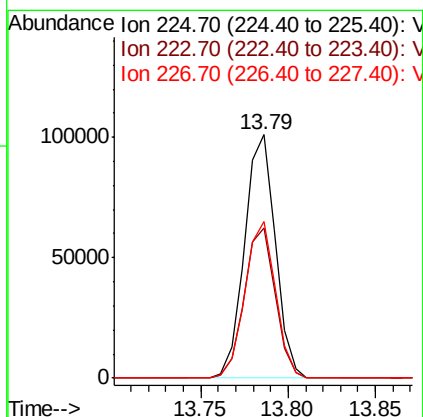
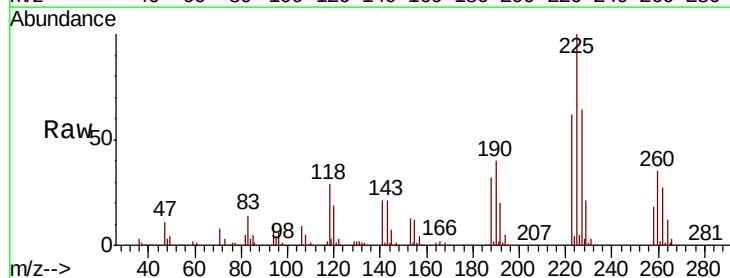
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

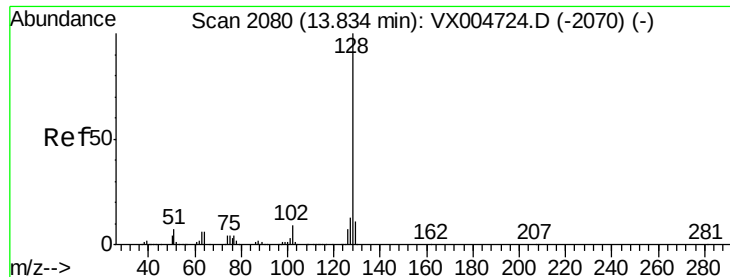
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.8	143.4
145	27.7	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 54.522 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX005279.D
 Acq: 12 Oct 2018 02:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.3	93.8
227	63.8	31.9	95.5





#95

Naphthalene

Concen: 54.206 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

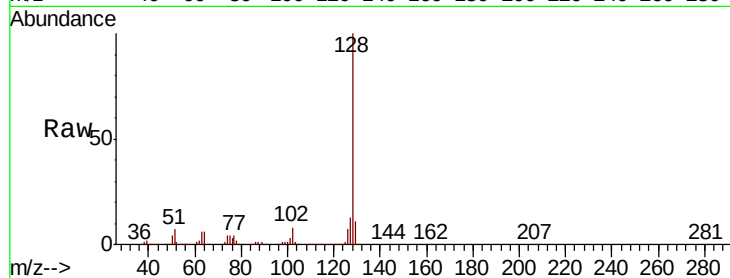
Tot Ion:128 Resp: 787192

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

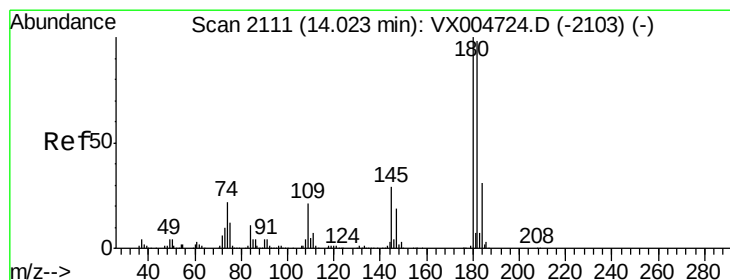
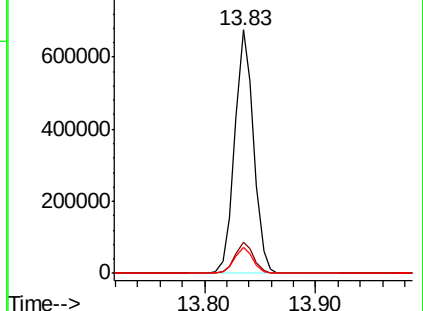
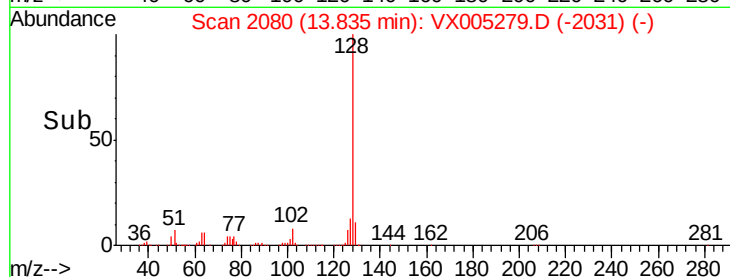
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 57.701 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VX005279.D

Acq: 12 Oct 2018 02:42

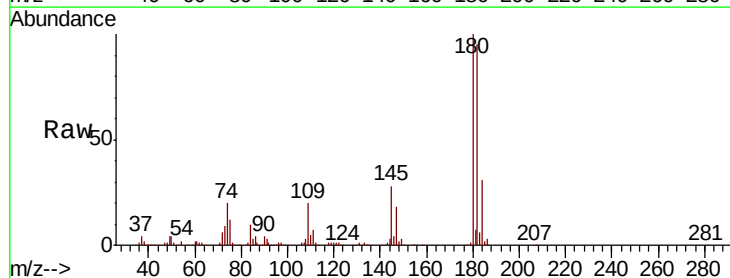
Tgt Ion:180 Resp: 260501

Ion Ratio Lower Upper

180 100

182 94.6 47.9 143.8

145 29.0 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

