

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102518\
 Data File : VX005581.D
 Acq On : 25 Oct 2018 11:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 26 05:19:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	224463	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	324713	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	297610	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	173561	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	123313	45.00	ug/l	0.00
Spiked Amount			Recovery	=	90.00%	
35) Dibromofluoromethane	5.50	113	98314	44.71	ug/l	0.00
Spiked Amount			Recovery	=	89.42%	
50) Toluene-d8	8.71	98	376509	47.66	ug/l	0.00
Spiked Amount			Recovery	=	95.32%	
62) 4-Bromofluorobenzene	11.14	95	143672	48.16	ug/l	0.00
Spiked Amount			Recovery	=	96.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	141893	64.044	ug/l	99
3) Chloromethane	1.32	50	150819	53.453	ug/l	99
4) Vinyl Chloride	1.41	62	147622	53.210	ug/l	99
5) Bromomethane	1.64	94	91653	53.092	ug/l	98
6) Chloroethane	1.72	64	86165	48.617	ug/l	100
7) Trichlorofluoromethane	1.93	101	202338	52.487	ug/l	98
8) Diethyl Ether	2.19	74	75087	48.807	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	114136	51.603	ug/l	99
10) Methyl Iodide	2.51	142	135851	58.330	ug/l	99
11) Tert butyl alcohol	3.06	59	177857	241.219	ug/l	99
12) 1,1-Dichloroethene	2.37	96	104324	49.512	ug/l	93
13) Acrolein	2.29	56	81386	216.386	ug/l	99
14) Allyl chloride	2.73	41	231671	49.266	ug/l	99
15) Acrylonitrile	3.15	53	386290	233.639	ug/l	99
16) Acetone	2.45	43	413221	285.402	ug/l	100
17) Carbon Disulfide	2.57	76	323418	50.354	ug/l	100
18) Methyl Acetate	2.78	43	181520	50.772	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	363712	48.391	ug/l	99
20) Methylene Chloride	2.85	84	116110	47.882	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	110300	47.945	ug/l	96
22) Diisopropyl ether	3.87	45	407347	49.604	ug/l #	93
23) Vinyl Acetate	3.82	43	1874817	259.229	ug/l	99
24) 1,1-Dichloroethane	3.70	63	217112	48.629	ug/l	99
25) 2-Butanone	4.70	43	553236	250.925	ug/l	100
26) 2,2-Dichloropropane	4.58	77	168345	48.840	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	114760	46.271	ug/l	98
28) Bromochloromethane	5.01	49	97698	45.244	ug/l	100
29) Tetrahydrofuran	5.15	42	336033	234.197	ug/l	99
30) Chloroform	5.21	83	197799	47.363	ug/l	98
31) Cyclohexane	5.57	56	189085	51.187	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	176576	47.905	ug/l	100
36) 1,1-Dichloropropene	5.80	75	155457	49.333	ug/l	98
37) Ethyl Acetate	4.85	43	189685	47.171	ug/l	100
38) Carbon Tetrachloride	5.78	117	159591	48.085	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102518\
 Data File : VX005581.D
 Acq On : 25 Oct 2018 11:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 26 05:19:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	187144	53.782	ug/l	97
40) Benzene	6.14	78	438664	48.561	ug/l	99
41) Methacrylonitrile	5.06	41	105960	47.305	ug/l	98
42) 1,2-Dichloroethane	6.20	62	161061	46.934	ug/l	100
43) Isopropyl Acetate	6.46	43	283341	47.021	ug/l	99
44) Trichloroethene	7.21	130	120400	48.925	ug/l	99
45) 1,2-Dichloropropane	7.51	63	117885	48.540	ug/l	98
46) Dibromomethane	7.66	93	76164	48.557	ug/l	98
47) Bromodichloromethane	7.90	83	150142	49.319	ug/l	99
48) Methyl methacrylate	7.77	41	150957	51.424	ug/l	99
49) 1,4-Dioxane	7.75	88	63969	997.154	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1006070	248.429	ug/l	100
52) Toluene	8.79	92	278536	50.735	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	171778	52.209	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	183311	51.748	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	112343	48.537	ug/l	98
56) Ethyl methacrylate	9.18	69	178347	51.658	ug/l	100
57) 1,3-Dichloropropane	9.37	76	191983	49.021	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	578873	300.212	ug/l	99
59) 2-Hexanone	9.49	43	848770	265.822	ug/l	100
60) Dibromochloromethane	9.59	129	121562	50.338	ug/l	100
61) 1,2-Dibromoethane	9.67	107	120659	50.389	ug/l	99
64) Tetrachloroethene	9.34	164	122769	49.693	ug/l	99
65) Chlorobenzene	10.14	112	314147	49.570	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	115145	49.829	ug/l	99
67) Ethyl Benzene	10.25	91	544269	52.199	ug/l	100
68) m/p-Xylenes	10.36	106	422877	104.535	ug/l	99
69) o-Xylene	10.70	106	200914	52.790	ug/l	100
70) Styrene	10.71	104	339350	53.263	ug/l	99
71) Bromoform	10.86	173	101865	49.400	ug/l #	99
73) Isopropylbenzene	11.02	105	552141	52.042	ug/l	99
74) N-amyl acetate	10.90	43	267047	50.798	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	185003	47.265	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	226139	61.495	ug/l	84
77) Bromobenzene	11.26	156	146222	49.453	ug/l	99
78) n-propylbenzene	11.36	91	654930	53.986	ug/l	100
79) 2-Chlorotoluene	11.42	91	380365	50.568	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	483261	53.247	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	57742	51.307	ug/l	97
82) 4-Chlorotoluene	11.51	91	457332	51.562	ug/l	100
83) tert-Butylbenzene	11.77	119	473313	52.318	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	497078	54.040	ug/l	100
85) sec-Butylbenzene	11.94	105	580404	53.765	ug/l	100
86) p-Isopropyltoluene	12.07	119	526212	54.528	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	277630	49.933	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	281217	48.454	ug/l	99
89) n-Butylbenzene	12.39	91	480168	55.116	ug/l	100
90) Hexachloroethane	12.60	117	84589	50.822	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	275610	48.994	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	46767	49.415	ug/l	99

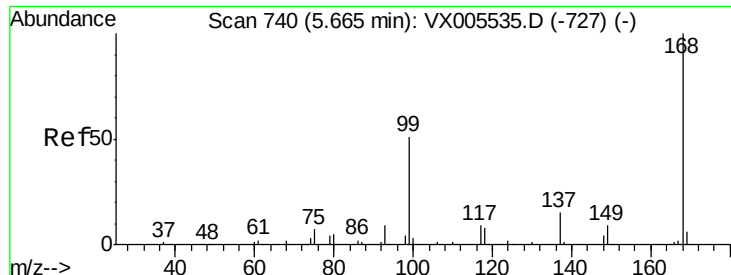
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102518\
Data File : VX005581.D
Acq On : 25 Oct 2018 11:17
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Oct 26 05:19:57 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 25 02:52:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	213924	52.461	ug/l	99
94) Hexachlorobutadiene	13.79	225	110198	52.147	ug/l	99
95) Naphthalene	13.83	128	635860	53.644	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	217389	52.590	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

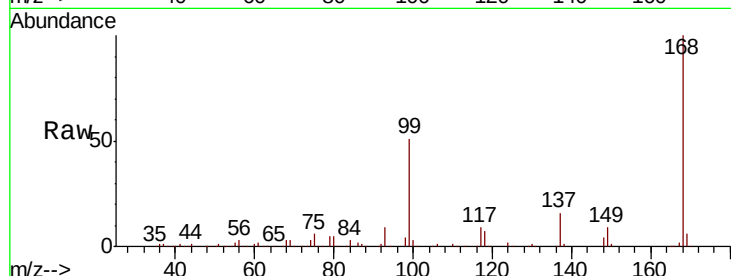
VSTDCCC050

Tot Ion:168 Resp: 224463

Ion Ratio Lower Upper

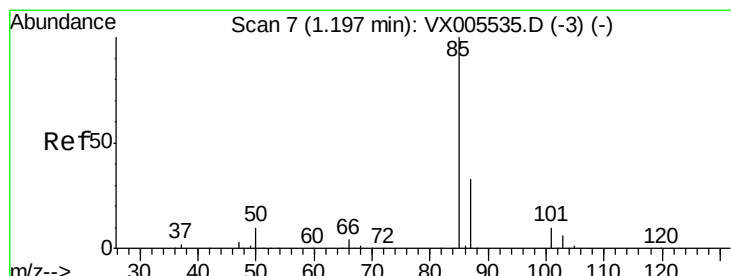
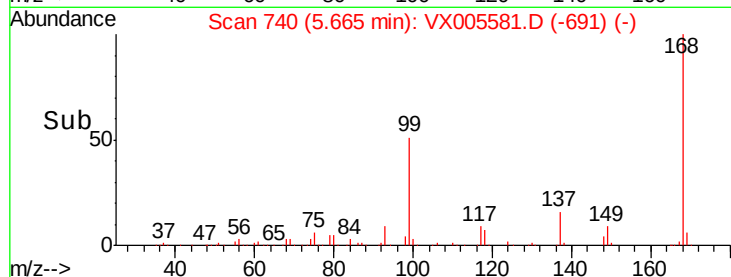
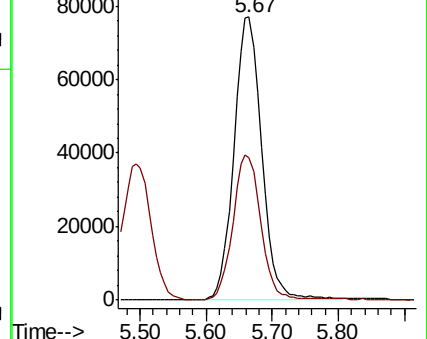
168 100

99 50.4 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 64.044 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005581.D

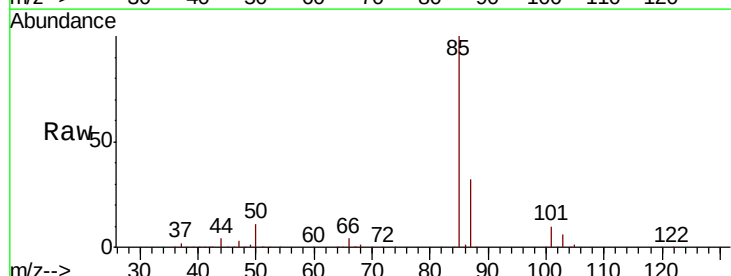
Acq: 25 Oct 2018 11:17

Tgt Ion: 85 Resp: 141893

Ion Ratio Lower Upper

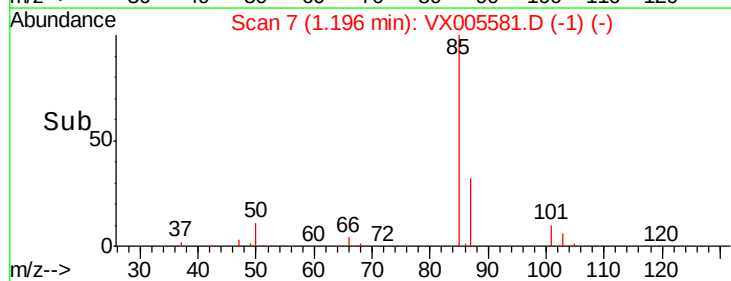
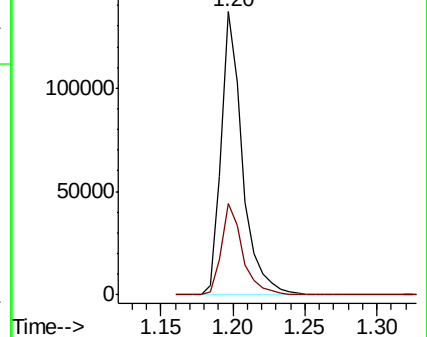
85 100

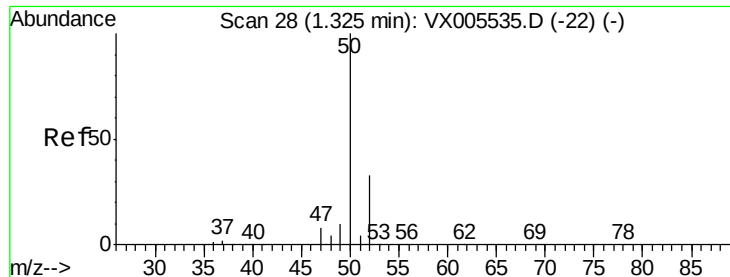
87 32.2 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 53.453 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

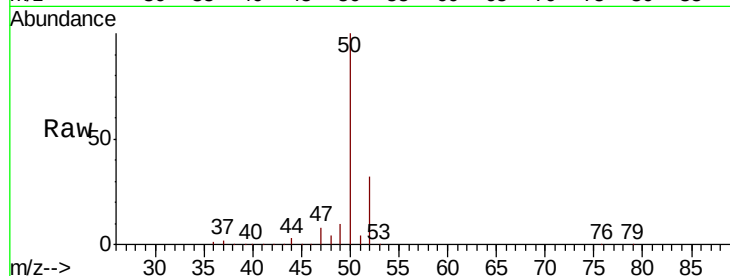
VSTDCCC050

Tot Ion: 50 Resp: 150819

Ion Ratio Lower Upper

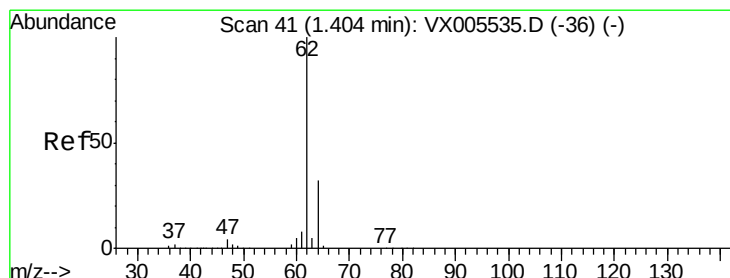
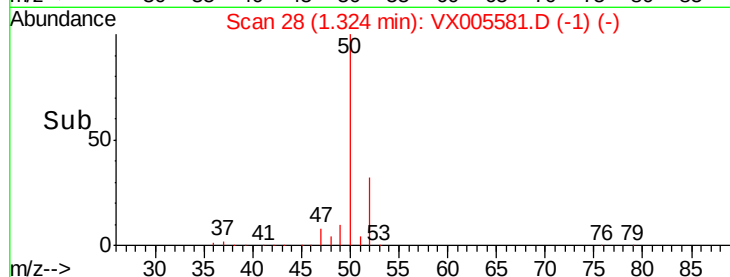
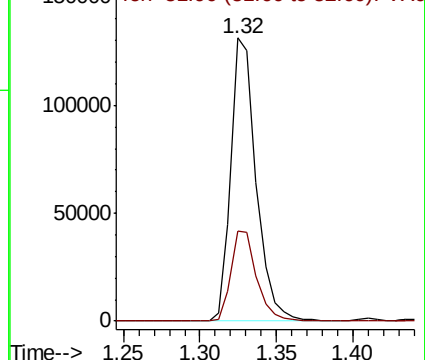
50 100

52 31.9 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 53.210 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005581.D

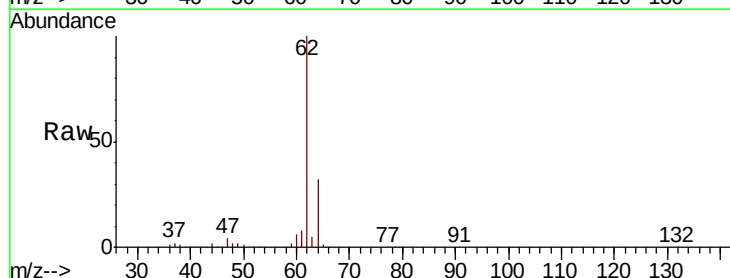
Acq: 25 Oct 2018 11:17

Tgt Ion: 62 Resp: 147622

Ion Ratio Lower Upper

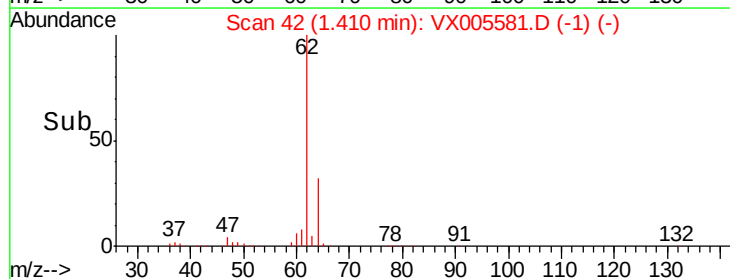
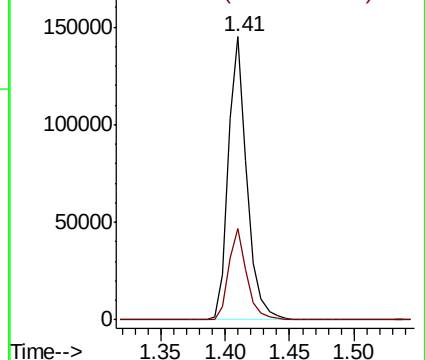
62 100

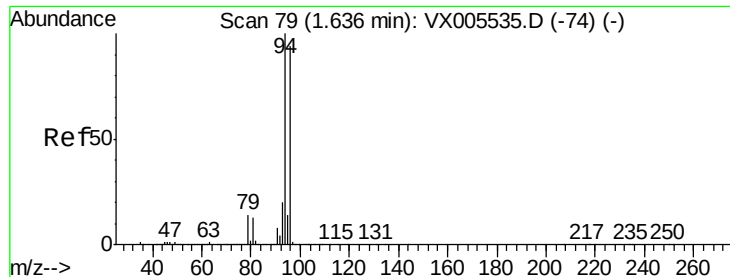
64 32.0 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 53.092 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

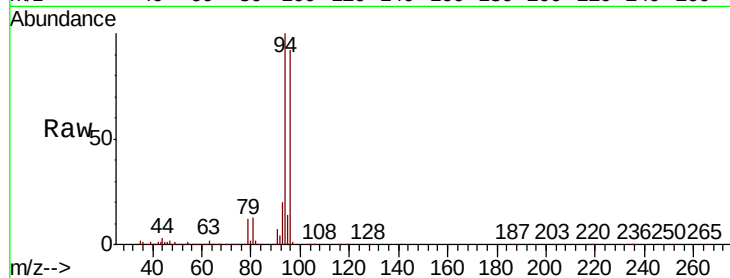
VSTDCCC050

Tot Ion: 94 Resp: 91653

Ion Ratio Lower Upper

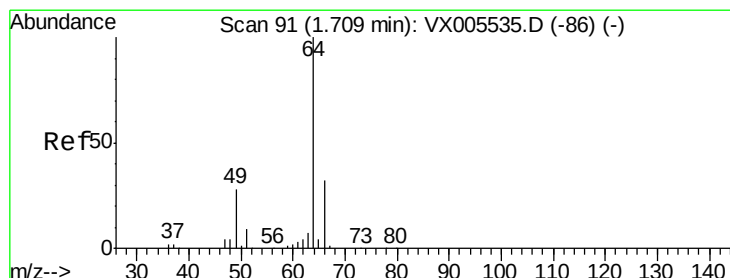
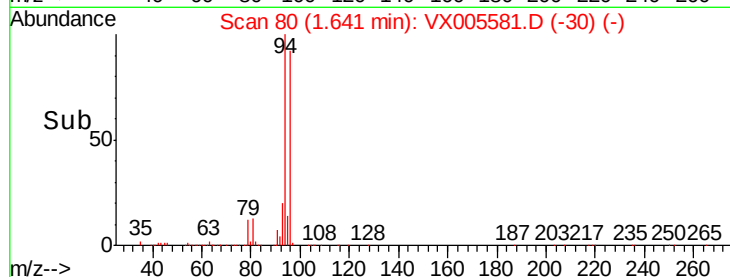
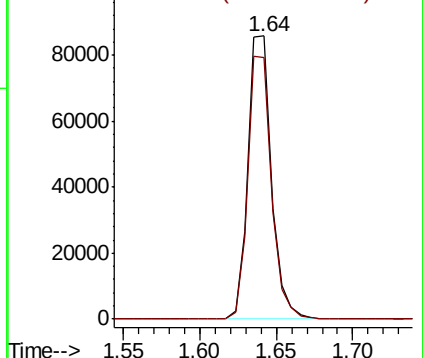
94 100

96 92.5 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.617 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005581.D

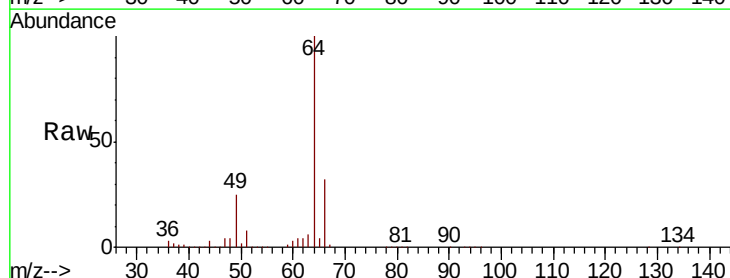
Acq: 25 Oct 2018 11:17

Tgt Ion: 64 Resp: 86165

Ion Ratio Lower Upper

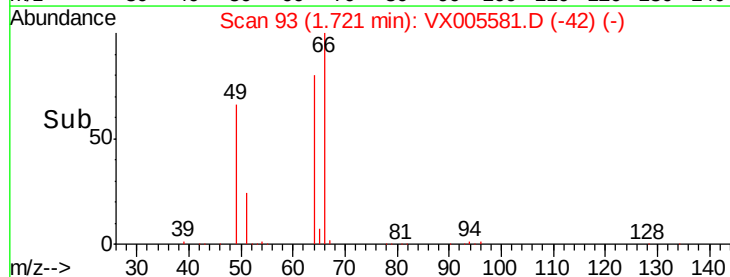
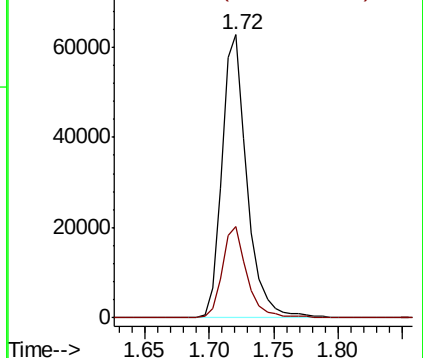
64 100

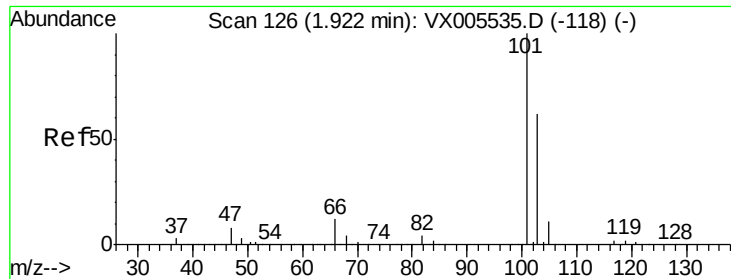
66 32.2 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



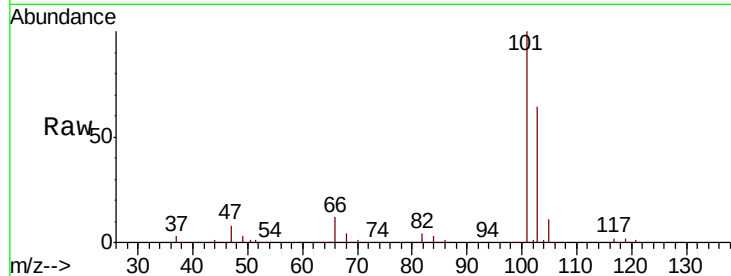


#7

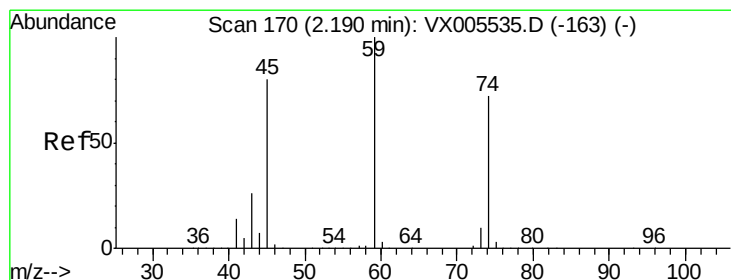
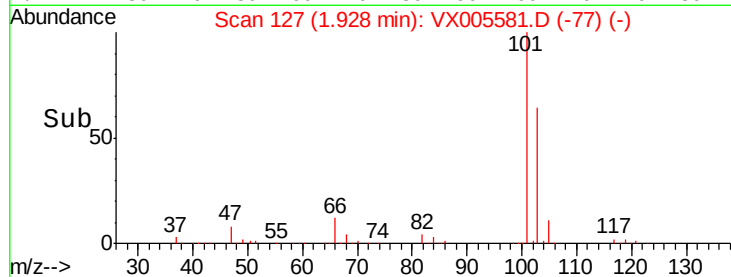
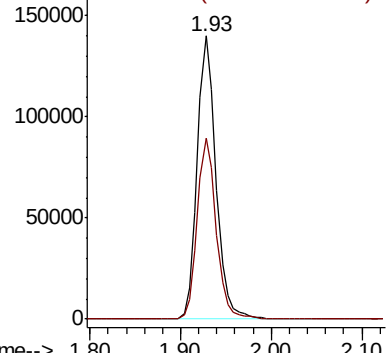
Trichlorofluoromethane
 Concen: 52.487 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX005581.D
 Acq: 25 Oct 2018 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:101 Resp: 202338
 Ion Ratio Lower Upper
 101 100
 103 63.8 50.0 75.0



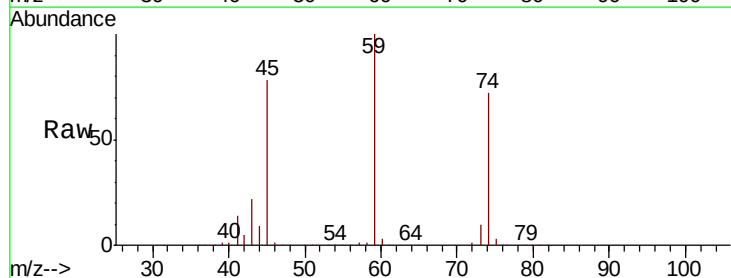
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



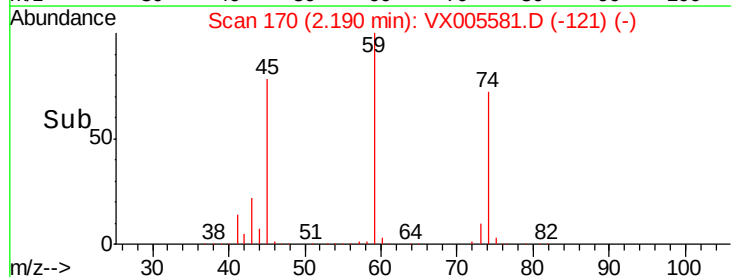
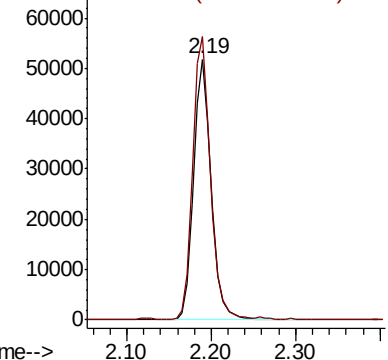
#8

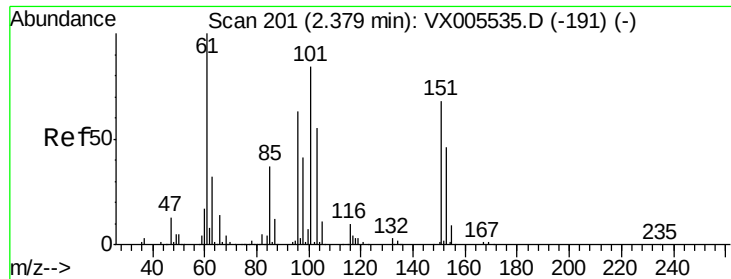
Diethyl Ether
 Concen: 48.807 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005581.D
 Acq: 25 Oct 2018 11:17

Tgt Ion: 74 Resp: 75087
 Ion Ratio Lower Upper
 74 100
 45 108.7 54.1 162.3



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: 51.603 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

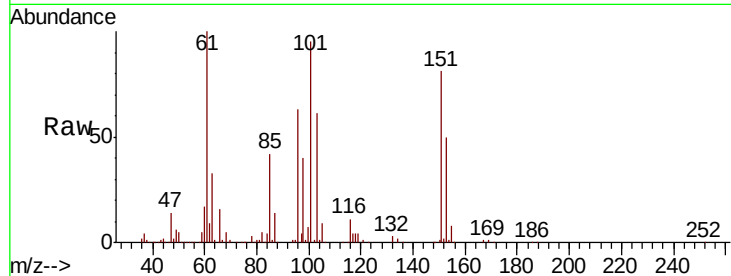
Tot Ion:101 Resp: 114136

Ion Ratio Lower Upper

101 100

85 44.1 35.0 52.4

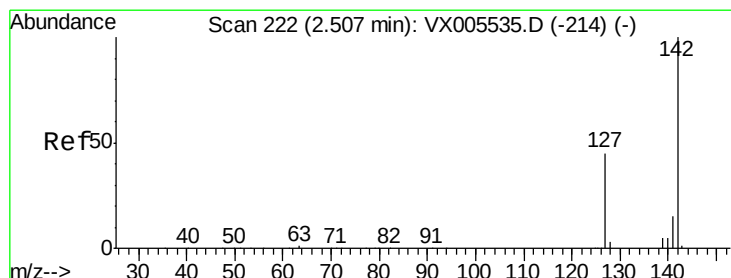
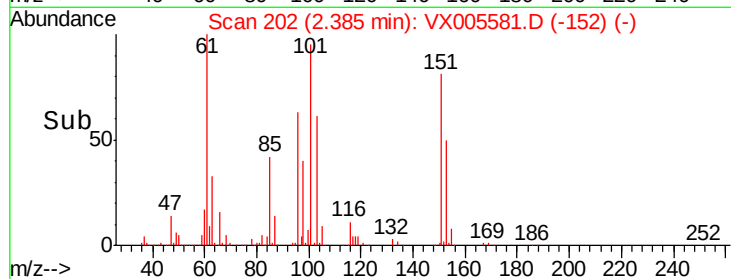
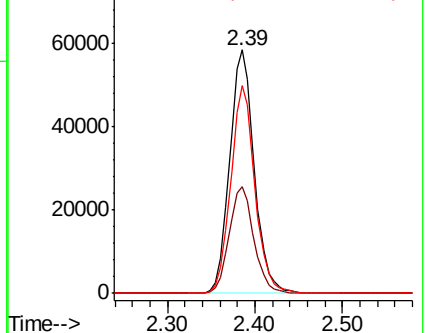
151 84.0 66.2 99.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 58.330 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

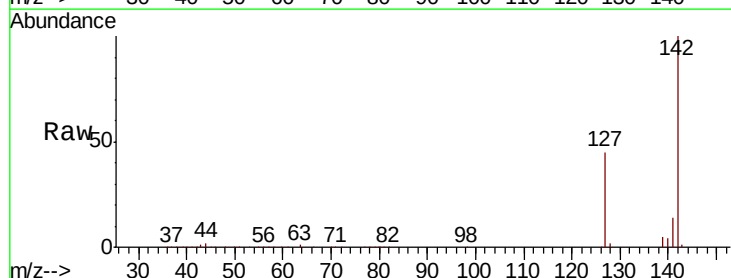
Tgt Ion:142 Resp: 135851

Ion Ratio Lower Upper

142 100

127 44.3 36.0 54.0

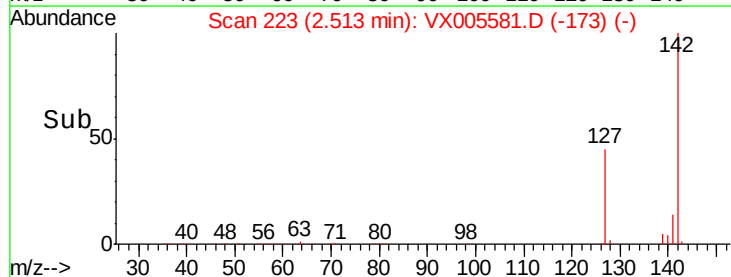
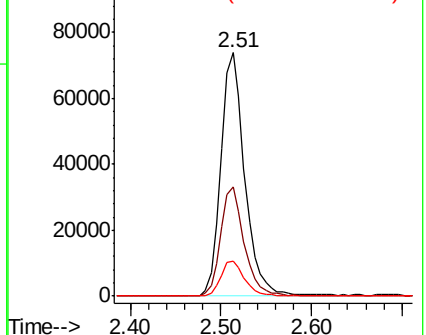
141 14.5 11.7 17.5

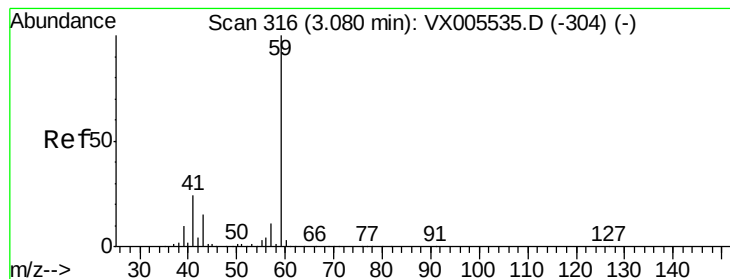


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 241.219 ug/l

RT: 3.06 min Scan# 313

Delta R.T. -0.02 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

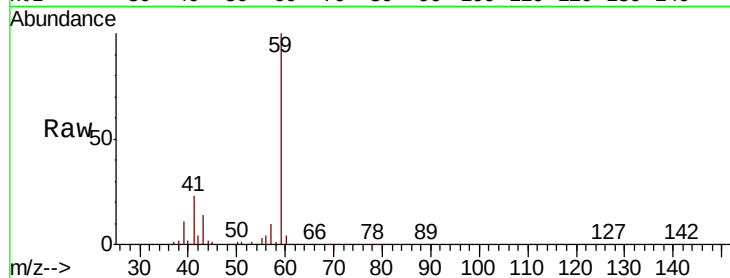
VSTDCCC050

Tot Ion: 59 Resp: 177857

Ion Ratio Lower Upper

59 100

57 10.2 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.06

80000

60000

40000

20000

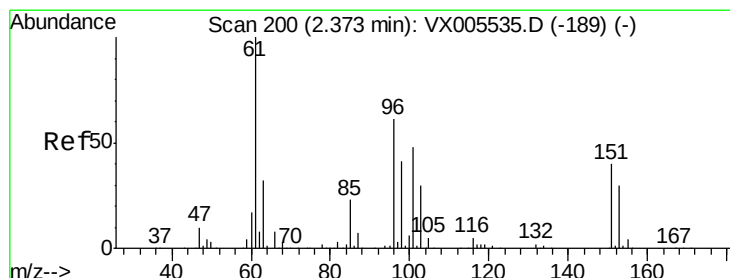
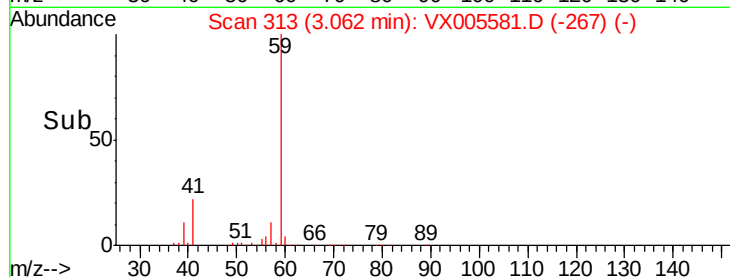
0

Time-->

2.90

3.00

3.10



#12

1,1-Dichloroethene

Concen: 49.512 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

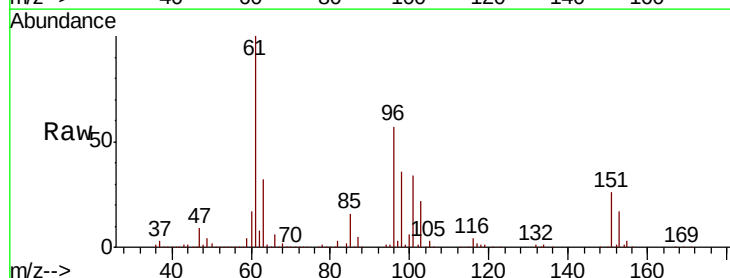
Tgt Ion: 96 Resp: 104324

Ion Ratio Lower Upper

96 100

61 175.9 131.8 197.8

98 63.0 53.4 80.2



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

150000

100000

50000

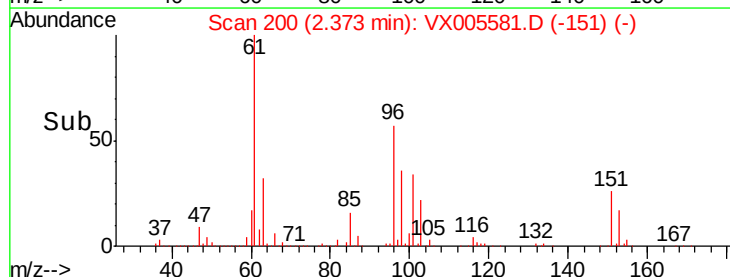
0

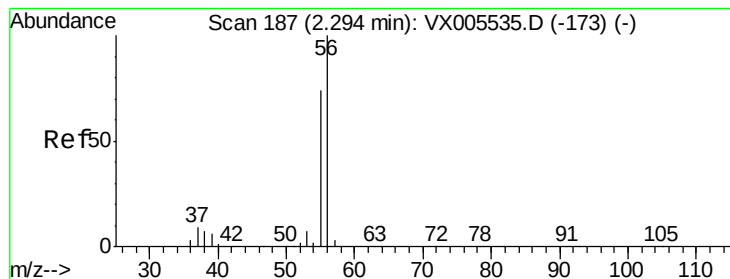
Time-->

2.30

2.40

2.50





#13

Acrolein

Concen: 216.386 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

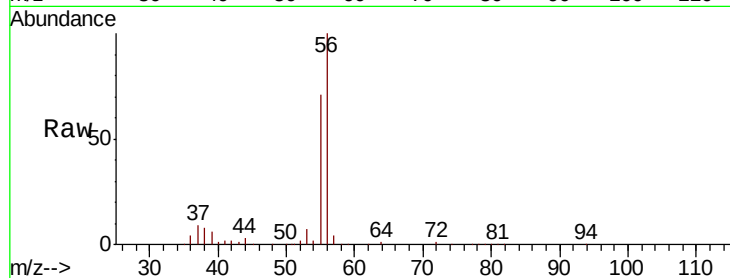
VSTDCCC050

Tot Ion: 56 Resp: 81386

Ion Ratio Lower Upper

56 100

55 72.4 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

60000

50000

40000

30000

20000

10000

0

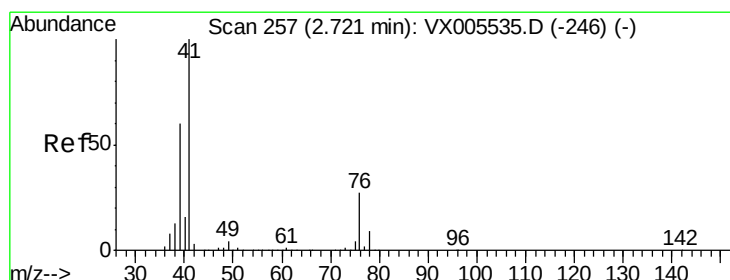
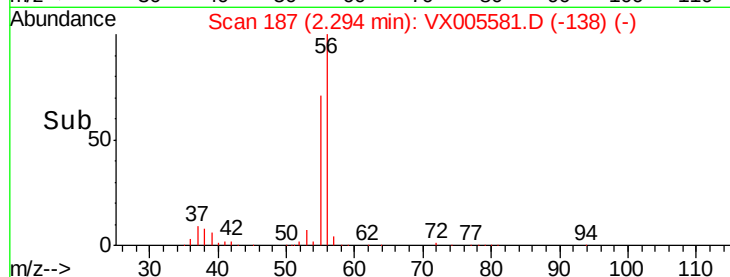
2.29

2.20

2.30

2.40

Time-->



#14

Allyl chloride

Concen: 49.266 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

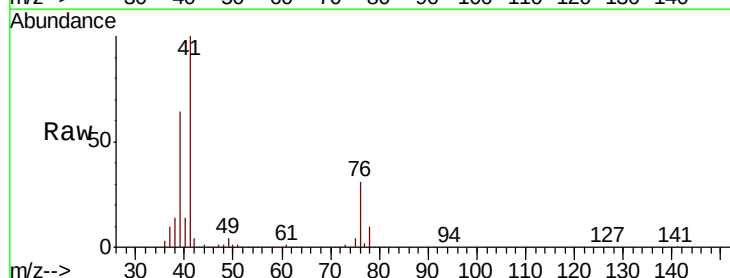
Tgt Ion: 41 Resp: 231671

Ion Ratio Lower Upper

41 100

39 60.2 48.2 72.4

76 28.3 21.9 32.9



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

250000

200000

150000

100000

50000

0

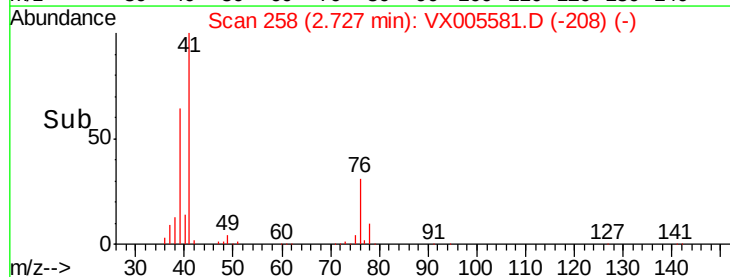
2.73

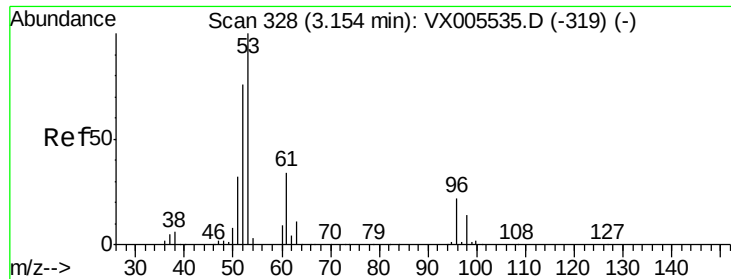
2.60

2.70

2.80

Time-->





#15

Acrylonitrile

Concen: 233.639 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

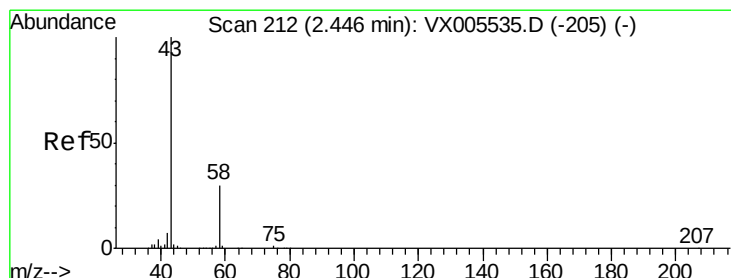
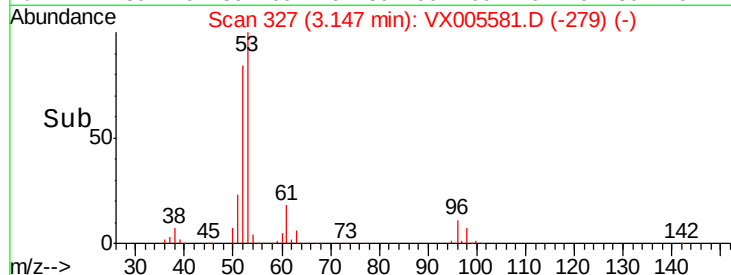
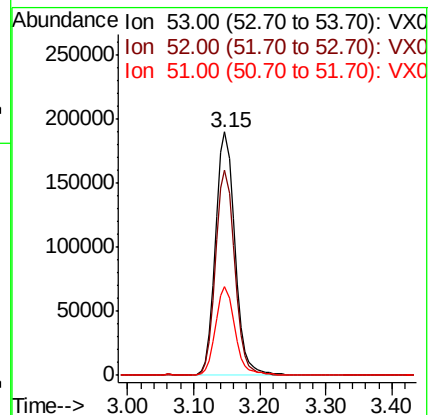
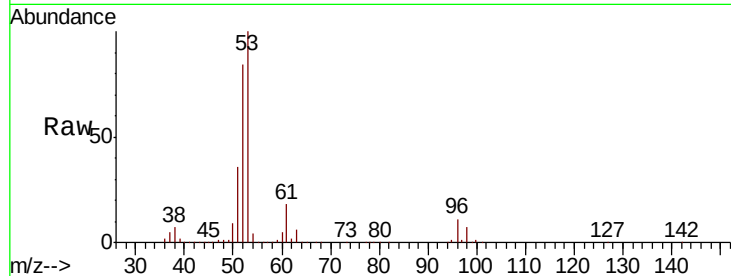
Tot Ion: 53 Resp: 386290

Ion Ratio Lower Upper

53 100

52 83.4 66.6 99.8

51 36.3 28.4 42.6



#16

Acetone

Concen: 285.402 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005581.D

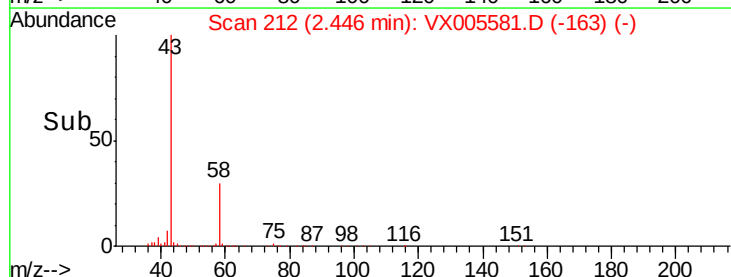
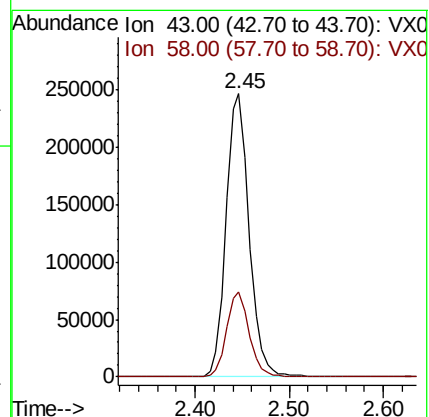
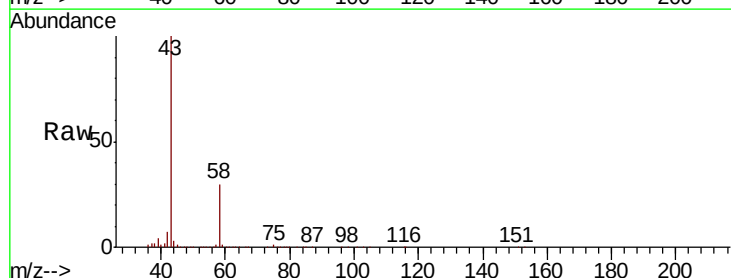
Acq: 25 Oct 2018 11:17

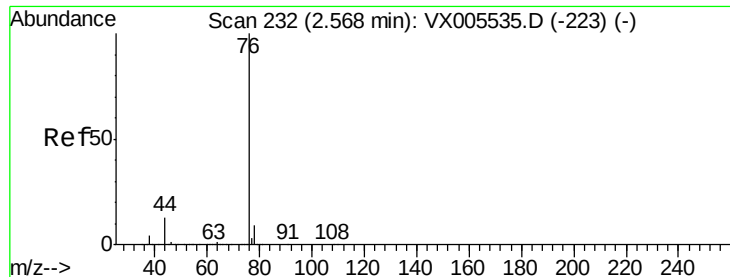
Tgt Ion: 43 Resp: 413221

Ion Ratio Lower Upper

43 100

58 29.9 23.8 35.6





#17

Carbon Disulfide

Concen: 50.354 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

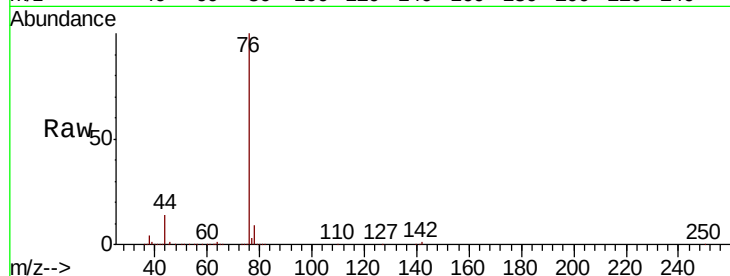
VSTDCCC050

Tot Ion: 76 Resp: 323418

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

200000

150000

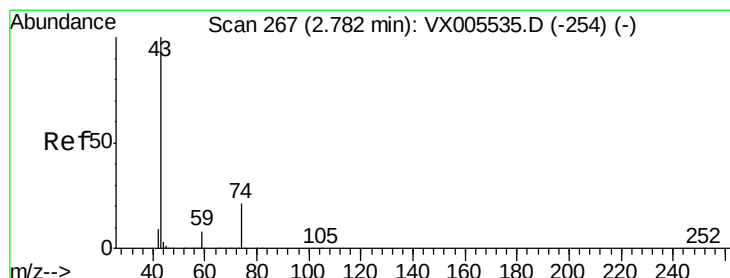
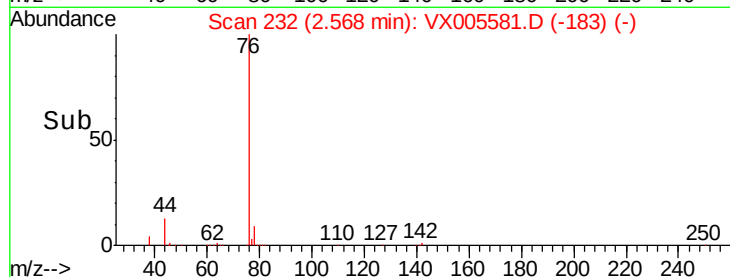
100000

50000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 50.772 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005581.D

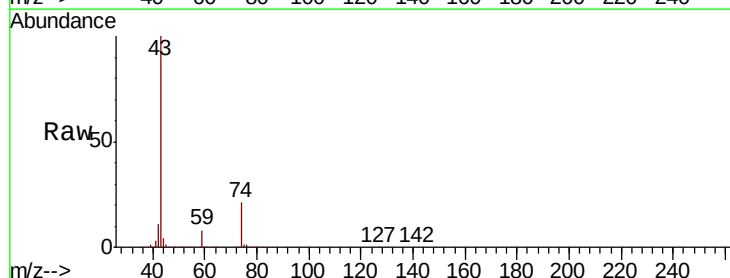
Acq: 25 Oct 2018 11:17

Tgt Ion: 43 Resp: 181520

Ion Ratio Lower Upper

43 100

74 21.1 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

120000

100000

80000

60000

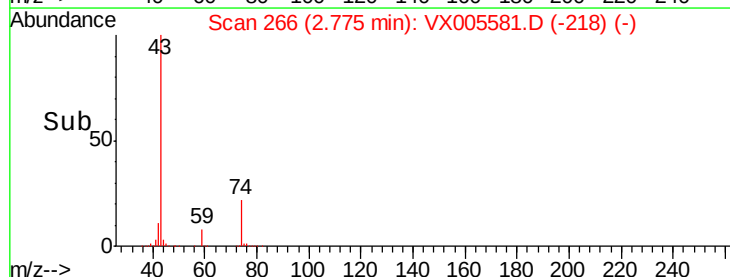
40000

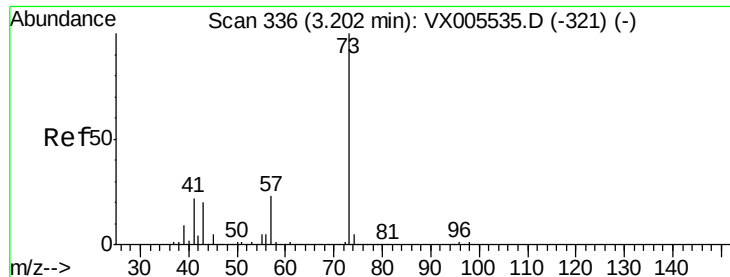
20000

0

Time-->

2.70 2.80 2.90

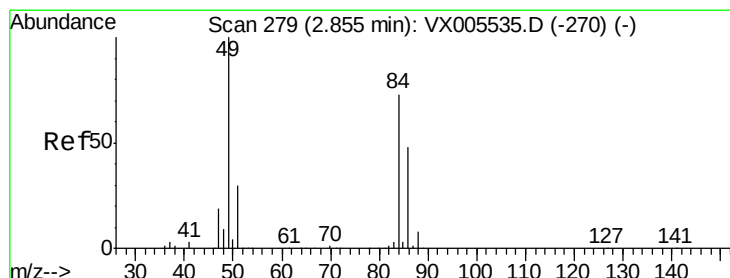
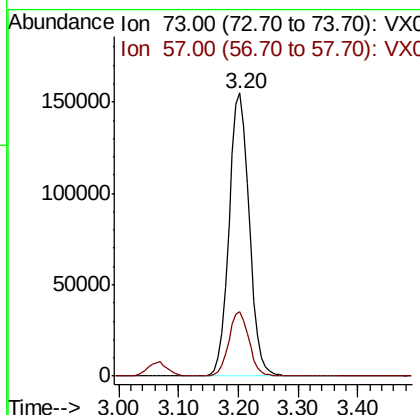
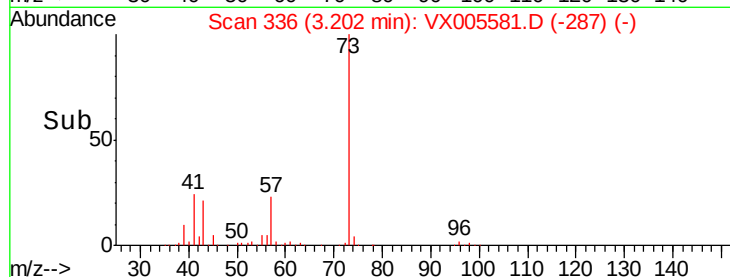
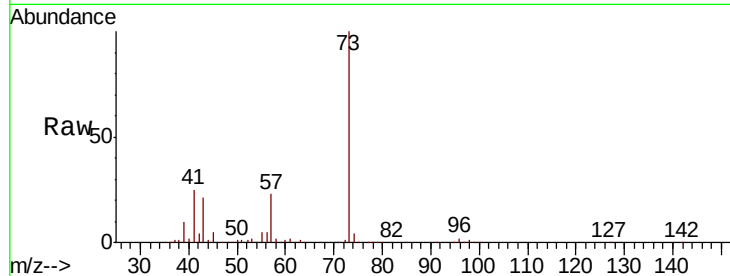




#19
Methyl tert-butyl Ether
Concen: 48.391 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005581.D
Acq: 25 Oct 2018 11:17

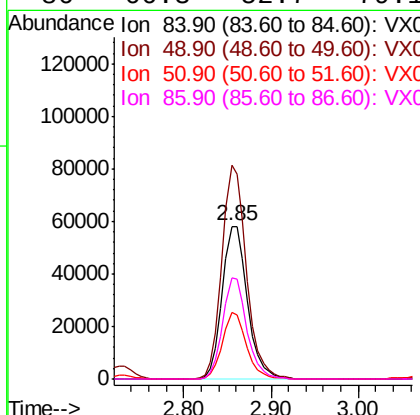
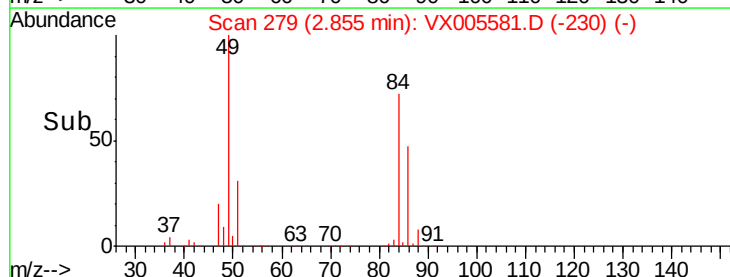
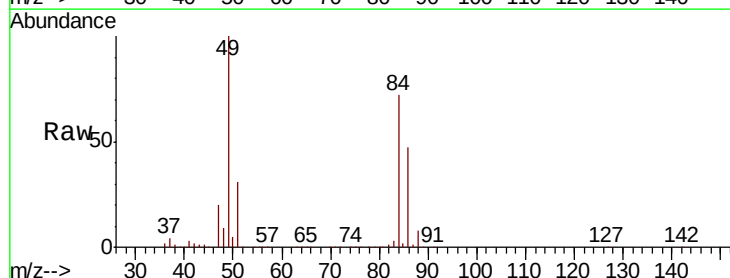
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

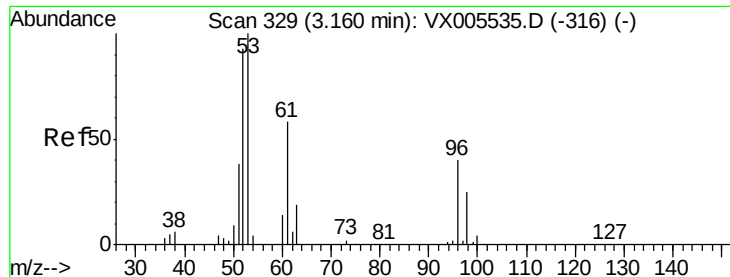
Tot Ion: 73 Resp: 363712
Ion Ratio Lower Upper
73 100
57 22.9 18.8 28.2



#20
Methylene Chloride
Concen: 47.882 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005581.D
Acq: 25 Oct 2018 11:17

Tgt Ion: 84 Resp: 116110
Ion Ratio Lower Upper
84 100
49 139.6 109.5 164.3
51 43.2 33.3 49.9
86 66.3 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 47.945 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

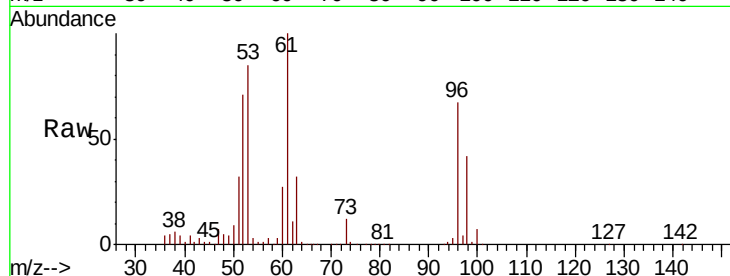
Tot Ion: 96 Resp: 110300

Ion Ratio Lower Upper

96 100

61 150.3 115.6 173.4

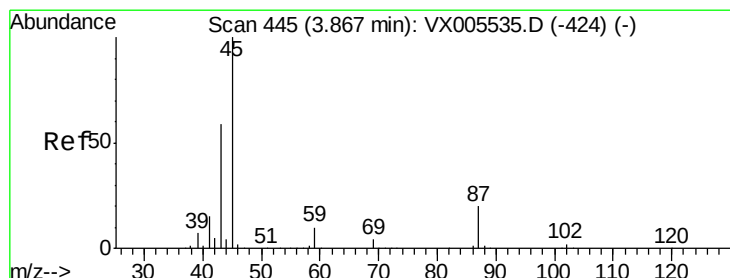
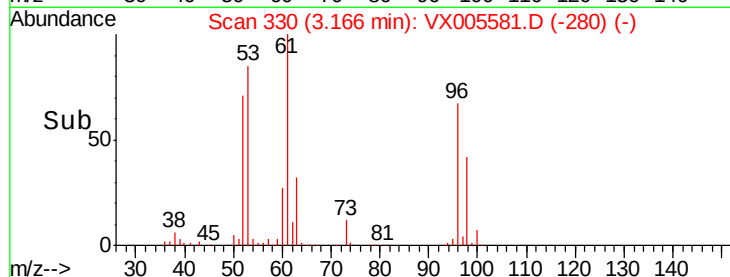
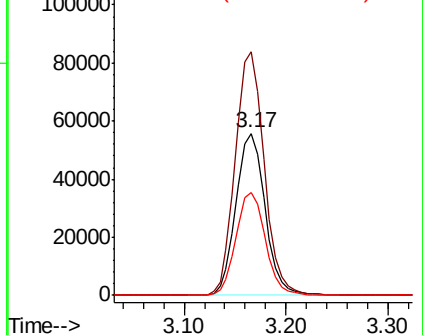
98 63.6 50.2 75.2



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: 49.604 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Tgt Ion: 45 Resp: 407347

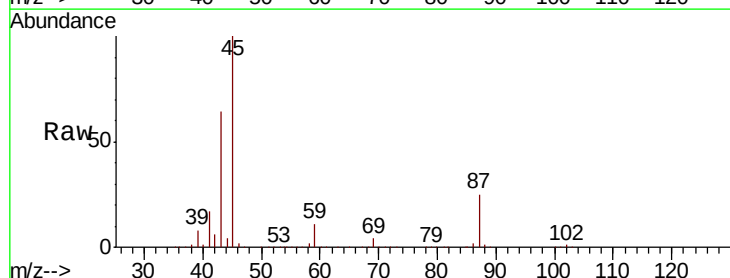
Ion Ratio Lower Upper

45 100

43 63.5 47.4 71.2

87 24.7 15.9 23.9#

59 11.3 7.7 11.5

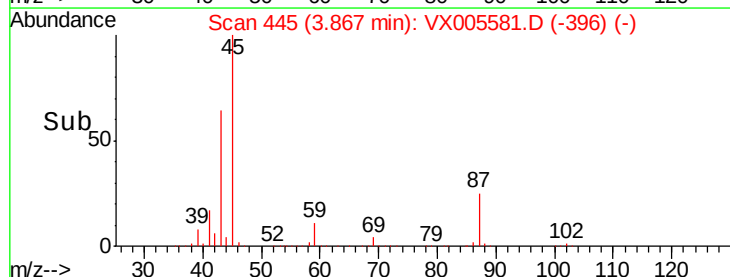
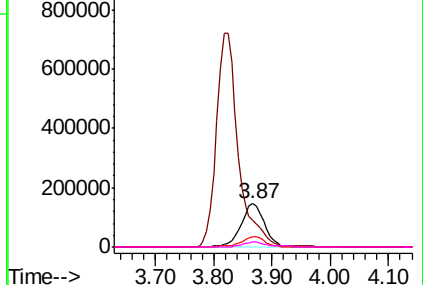


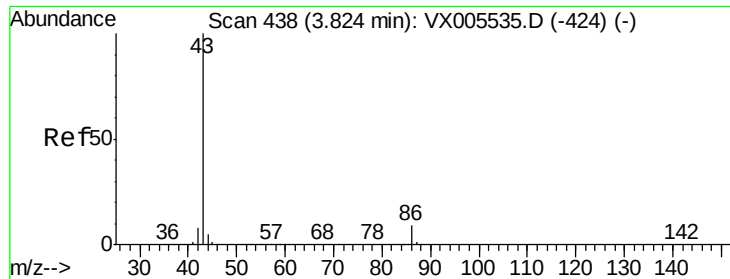
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 259.229 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

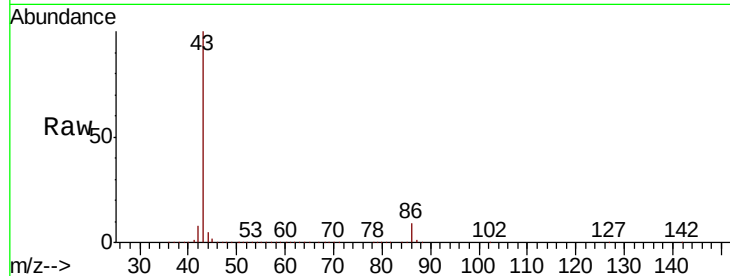
VSTDCCC050

Tot Ion: 43 Resp: 1874817

Ion Ratio Lower Upper

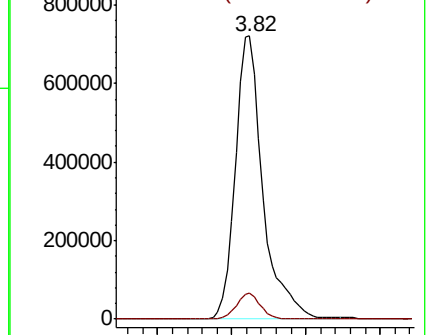
43 100

86 9.0 7.4 11.2

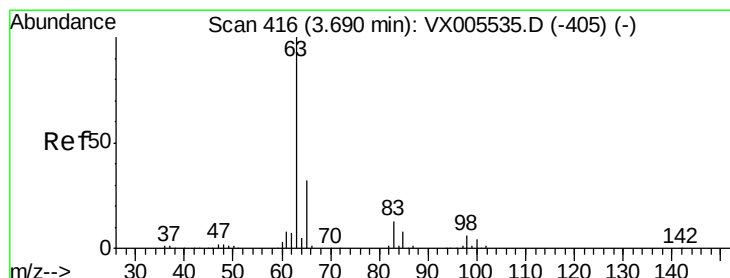
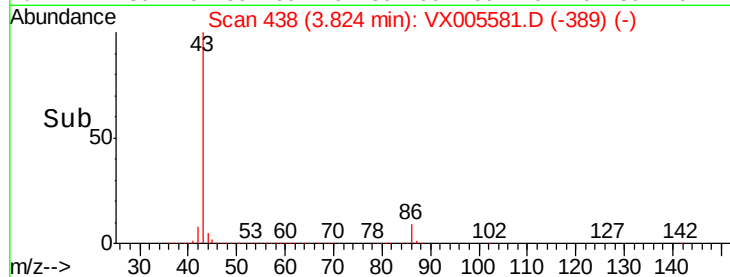


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 48.629 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

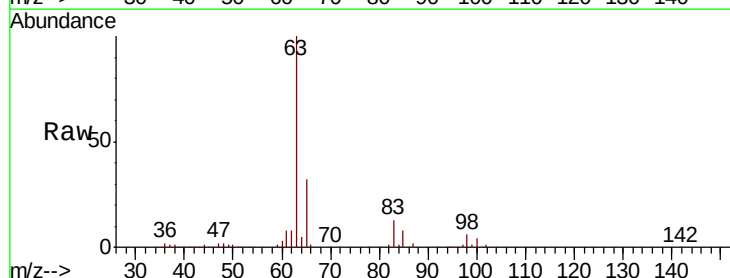
Tgt Ion: 63 Resp: 217112

Ion Ratio Lower Upper

63 100

98 6.1 3.2 9.6

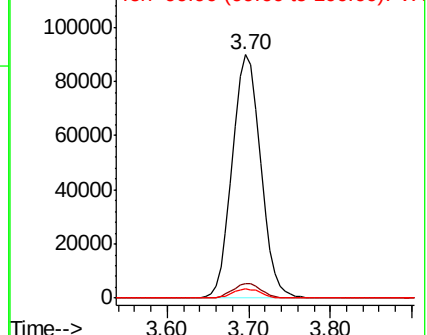
100 4.1 2.1 6.2



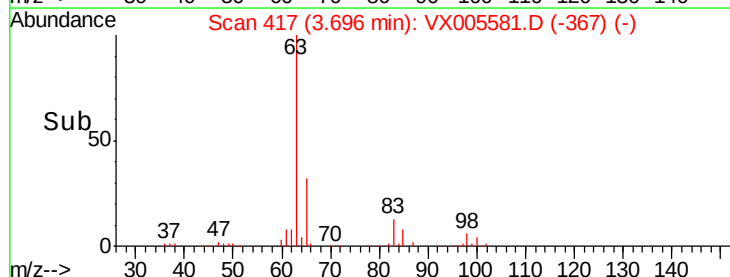
Abundance Ion 62.90 (62.60 to 63.60): VX0

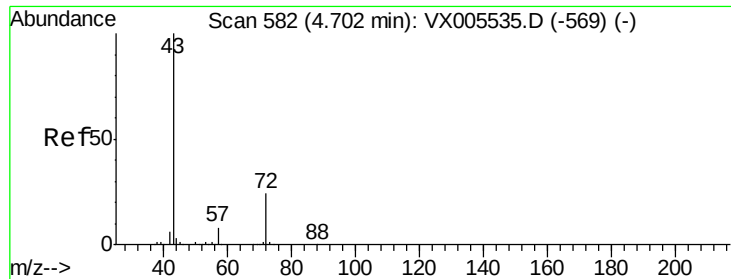
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 250.925 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

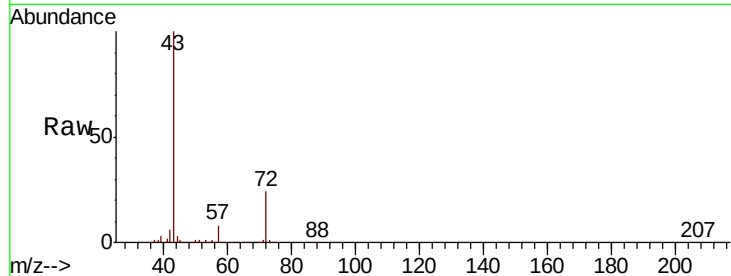
VSTDCCC050

Tot Ion: 43 Resp: 553236

Ion Ratio Lower Upper

43 100

72 23.9 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

100000

50000

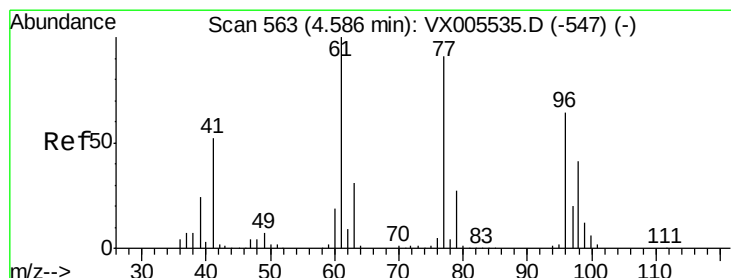
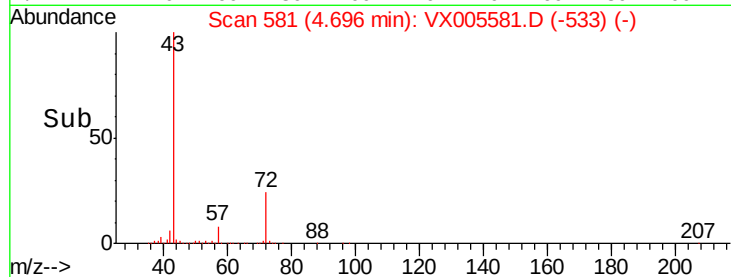
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 48.840 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX005581.D

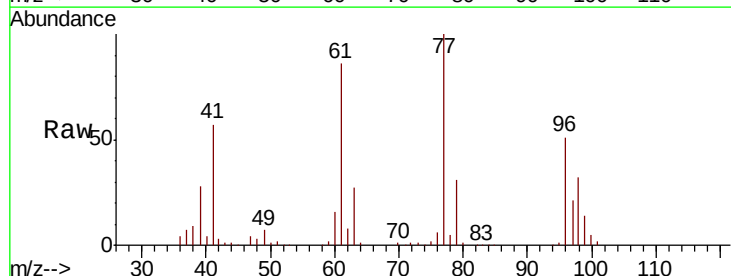
Acq: 25 Oct 2018 11:17

Tgt Ion: 77 Resp: 168345

Ion Ratio Lower Upper

77 100

97 22.5 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

50000

40000

30000

20000

10000

0

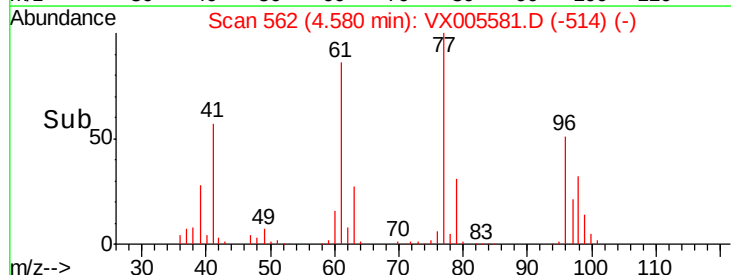
4.40

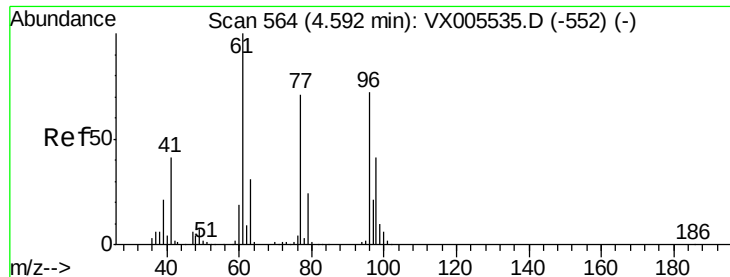
4.50

4.60

4.70

Time-->



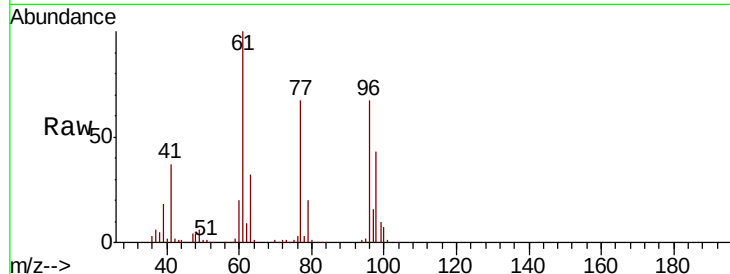


#27

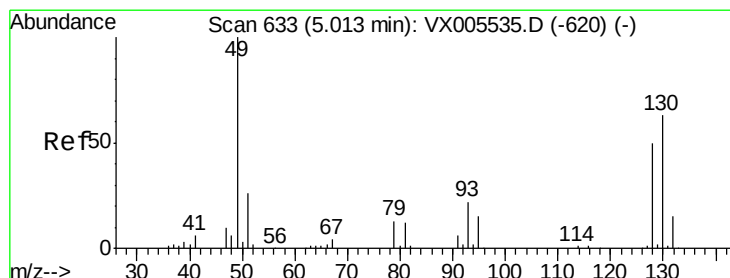
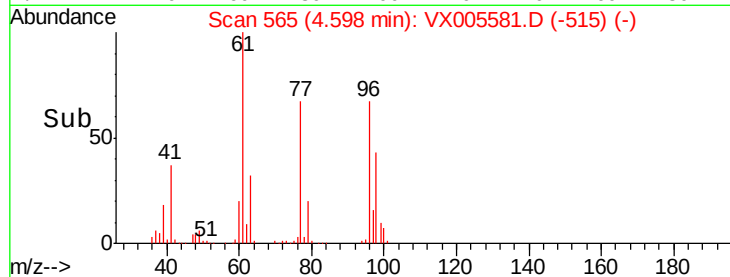
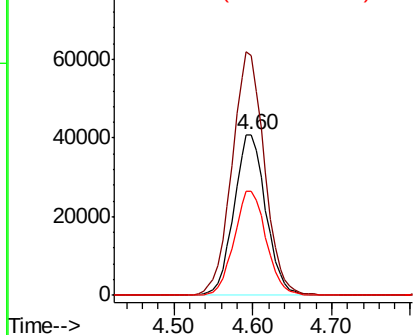
cis-1,2-Dichloroethene
 Concen: 46.271 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX005581.D
 Acq: 25 Oct 2018 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	154.3	0.0	304.6
98	65.3	0.0	127.4



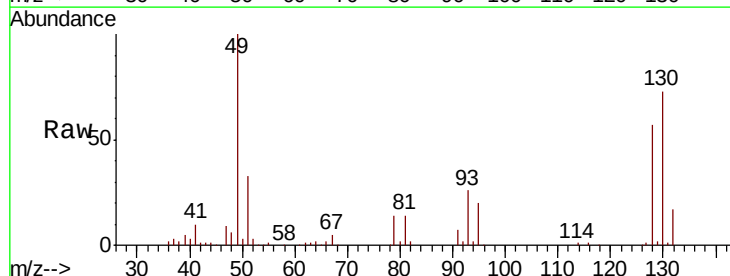
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



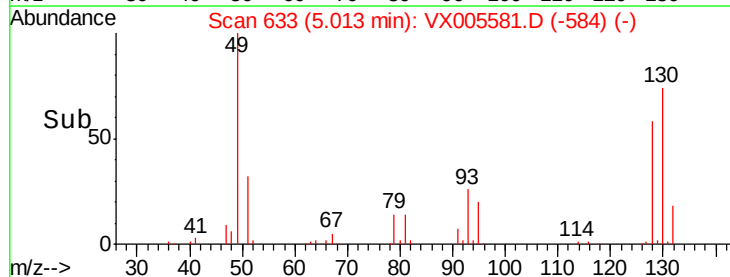
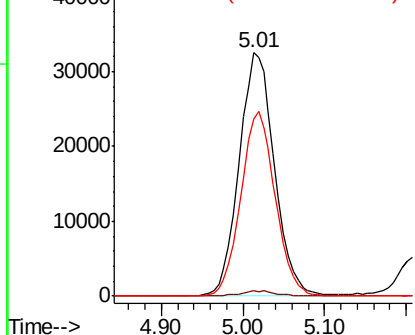
#28

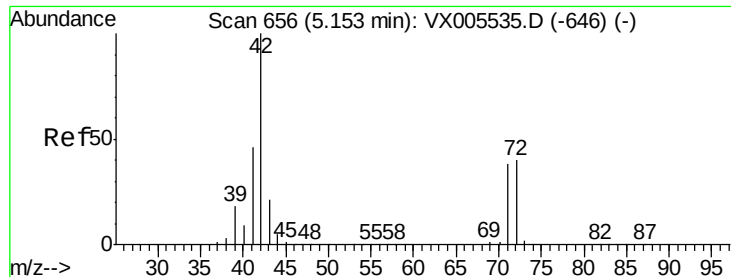
Bromochloromethane
 Concen: 45.244 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: VX005581.D
 Acq: 25 Oct 2018 11:17

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	73.9	58.9	88.3



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





#29

Tetrahydrofuran

Concen: 234.197 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

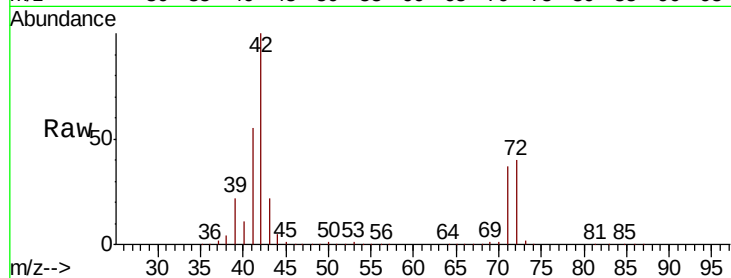
Tot Ion: 42 Resp: 336033

Ion Ratio Lower Upper

42 100

72 40.6 32.0 48.0

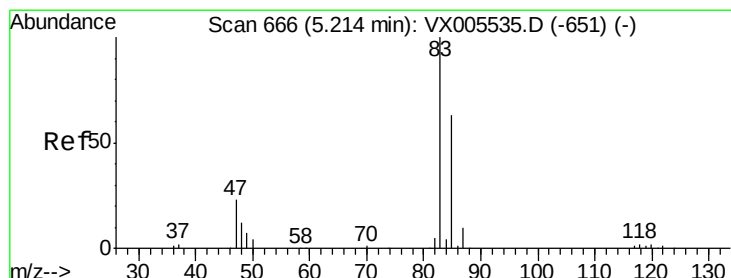
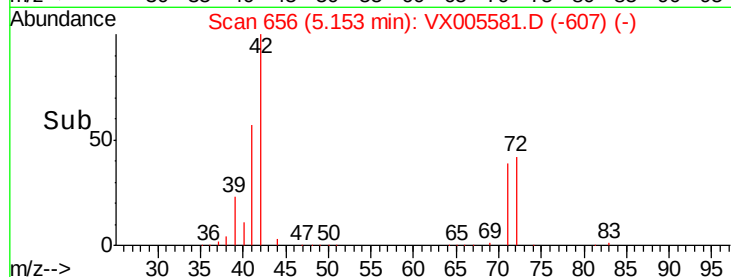
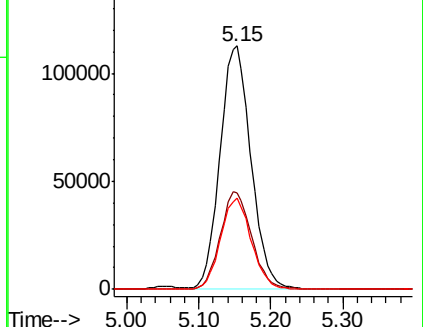
71 37.4 29.8 44.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 47.363 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX005581.D

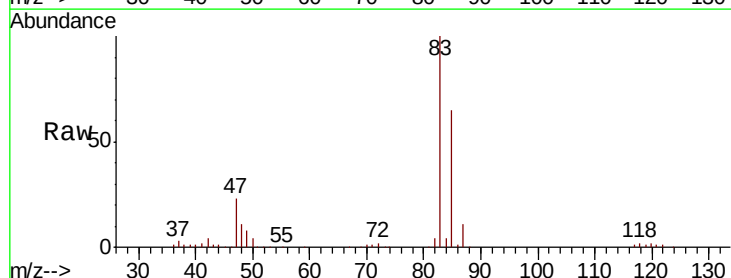
Acq: 25 Oct 2018 11:17

Tgt Ion: 83 Resp: 197799

Ion Ratio Lower Upper

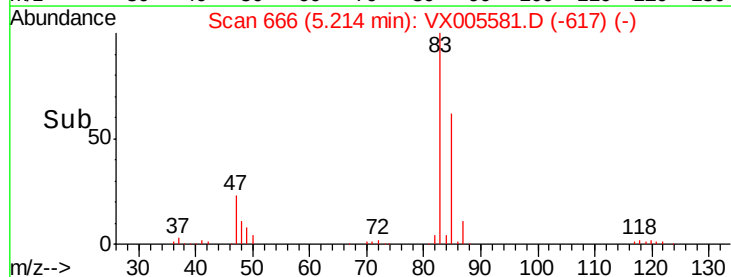
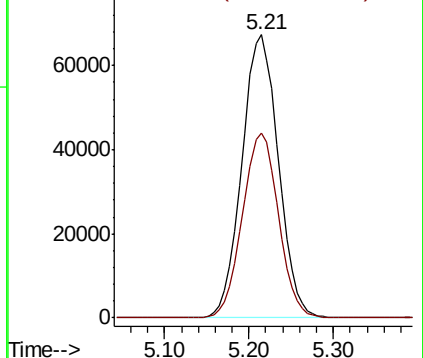
83 100

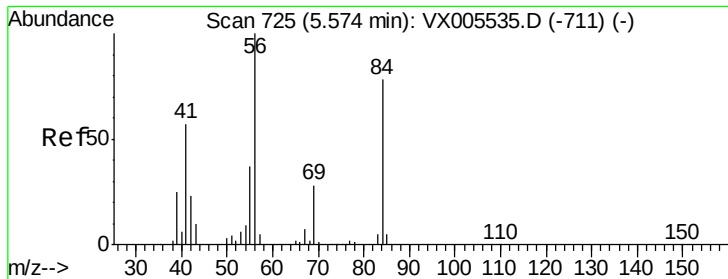
85 65.1 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

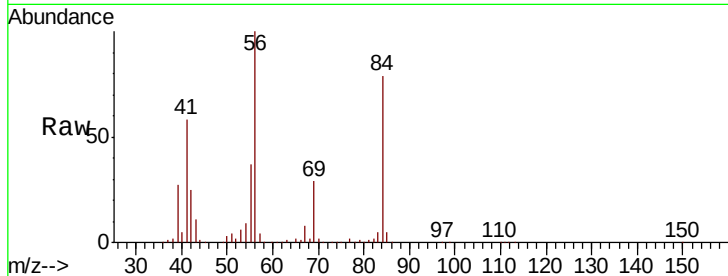




#31
Cyclohexane
Concen: 51.187 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX005581.D
Acq: 25 Oct 2018 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.1	22.6	34.0
84	77.8	62.7	94.1

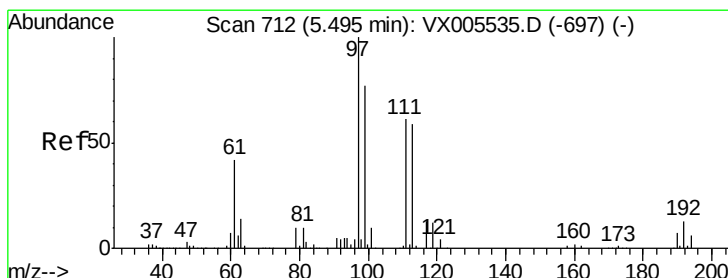
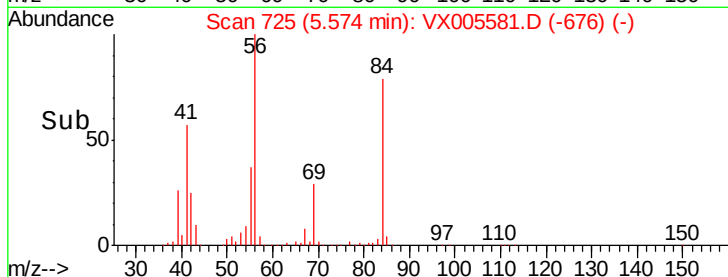
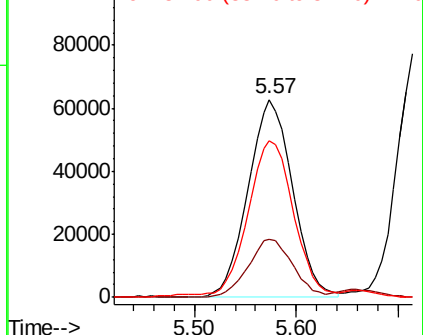


Abundance

Ion 56.00 (55.70 to 56.70): VX0

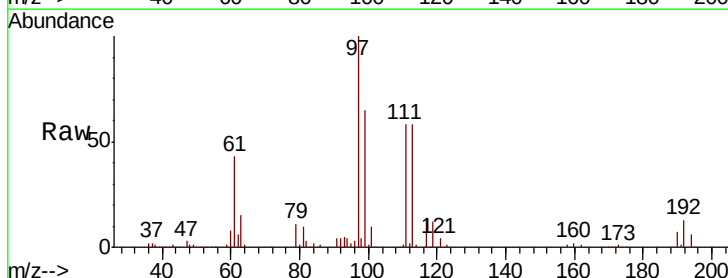
Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32
1,1,1-Trichloroethane
Concen: 47.905 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX005581.D
Acq: 25 Oct 2018 11:17

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	52.3	78.5
61	43.9	35.2	52.8

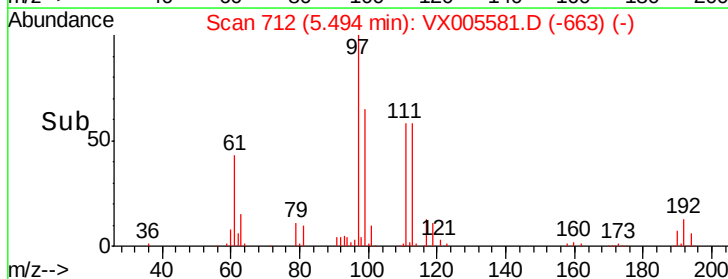
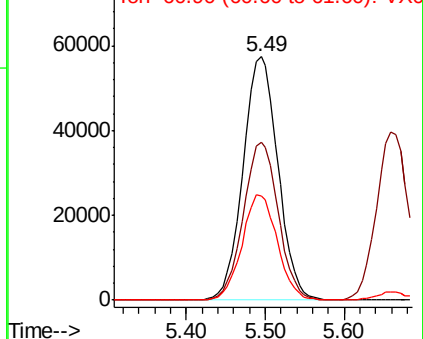


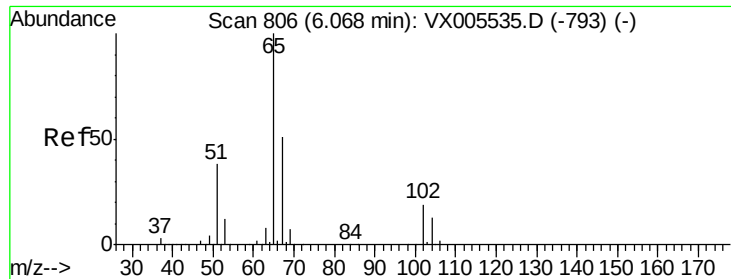
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

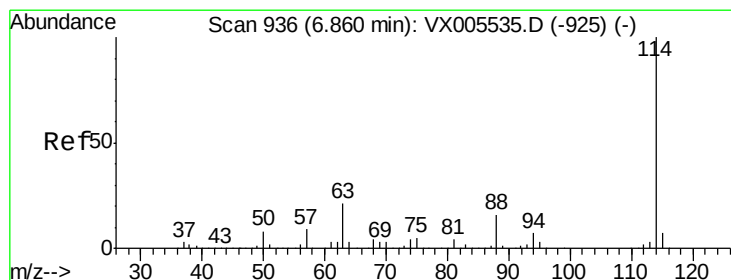
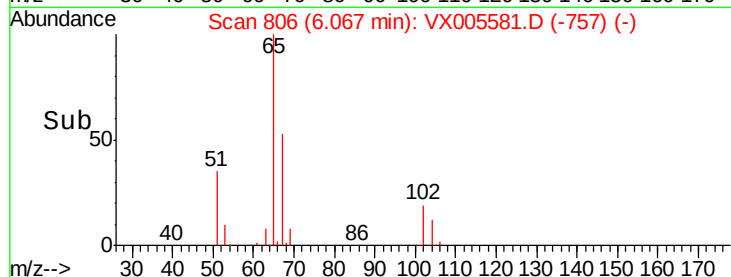
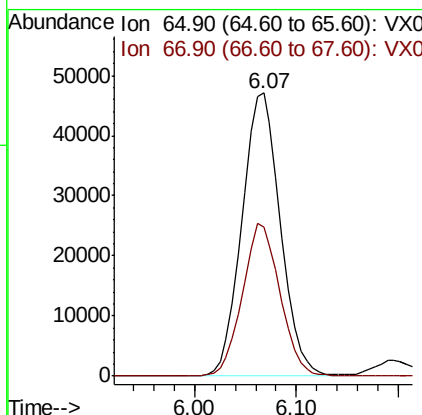
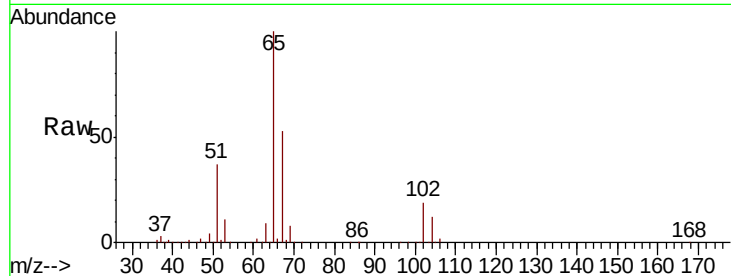




#33
 1,2-Dichloroethane-d4
 Concen: 45.005 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005581.D
 Acq: 25 Oct 2018 11:17

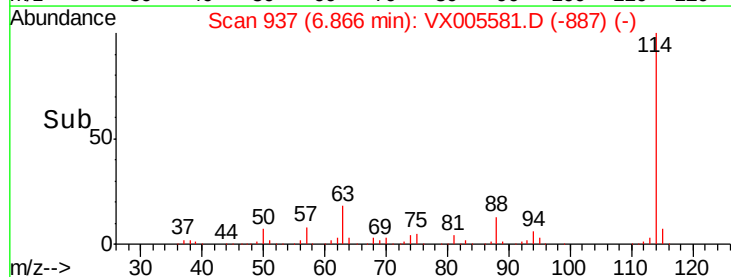
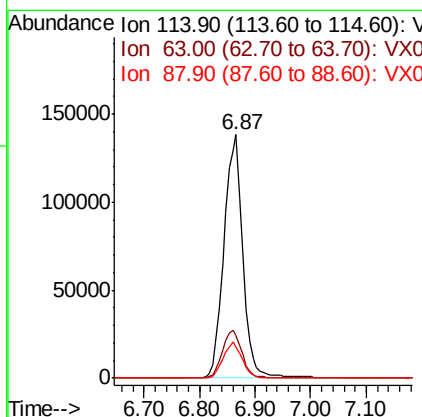
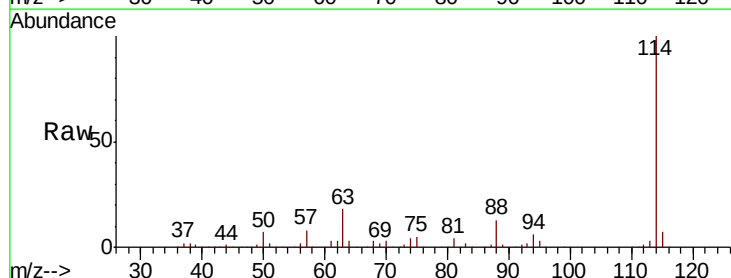
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

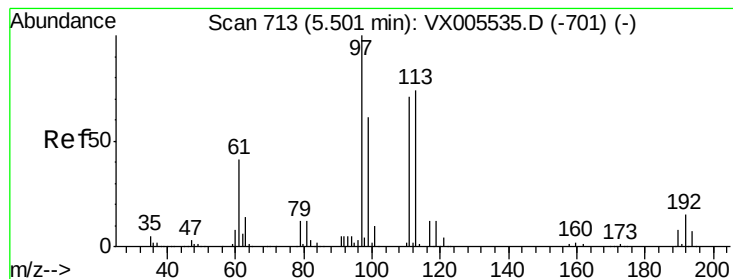
Tot Ion: 65 Resp: 123313
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005581.D
 Acq: 25 Oct 2018 11:17

Tgt Ion: 114 Resp: 324713
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 42.8
 88 13.0 0.0 31.2





#35

Dibromofluoromethane

Concen: 44.715 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

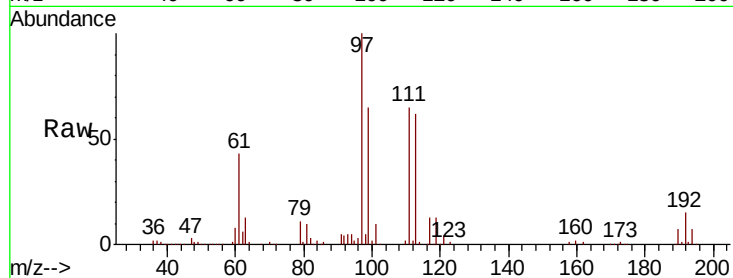
Tot Ion:113 Resp: 98314

Ion Ratio Lower Upper

113 100

111 102.0 82.3 123.5

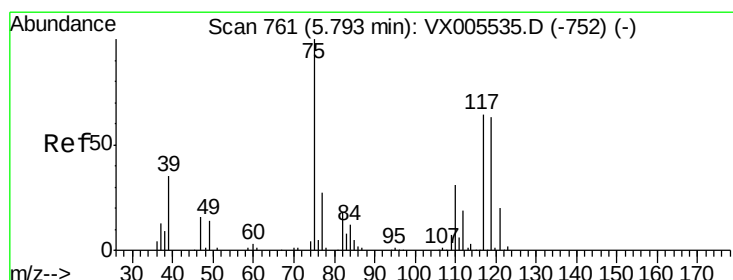
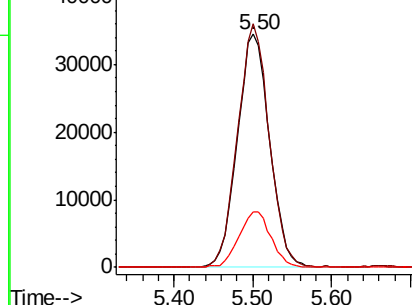
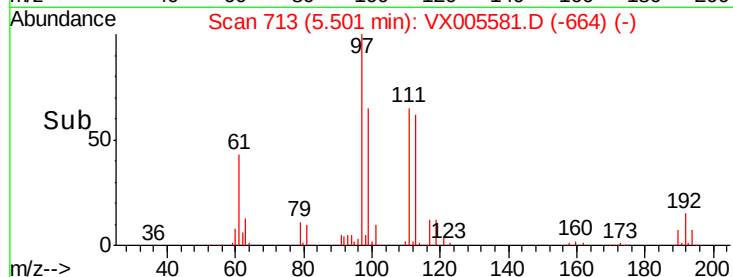
192 23.6 17.9 26.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.333 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.01 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

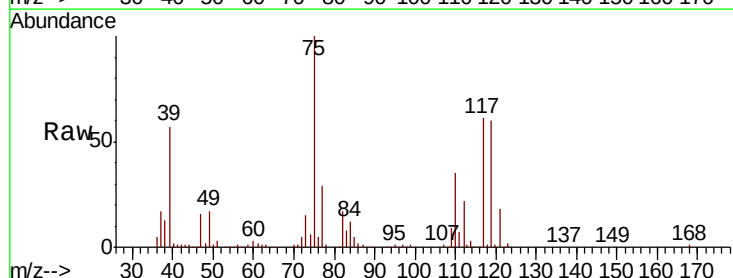
Tgt Ion: 75 Resp: 155457

Ion Ratio Lower Upper

75 100

110 35.2 17.4 52.2

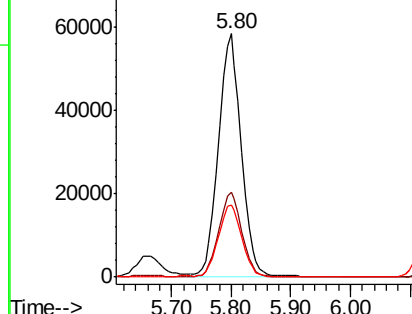
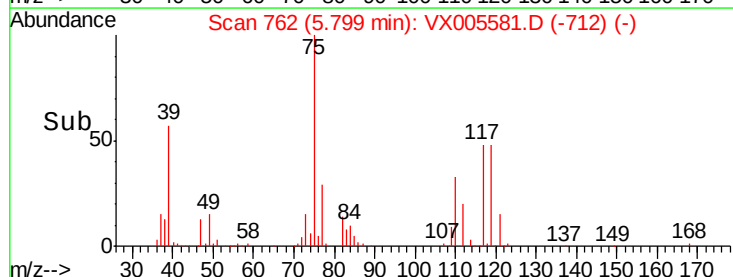
77 30.3 25.8 38.6

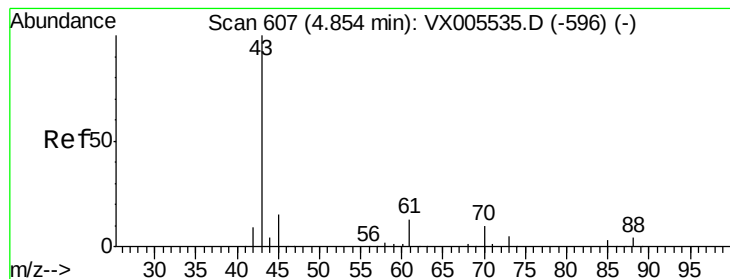


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 47.171 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

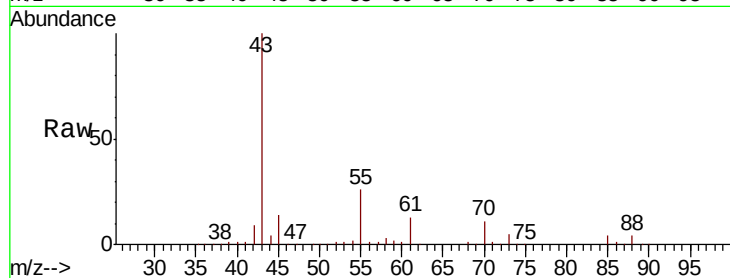
Tot Ion: 43 Resp: 189685

Ion Ratio Lower Upper

43 100

61 13.5 10.8 16.2

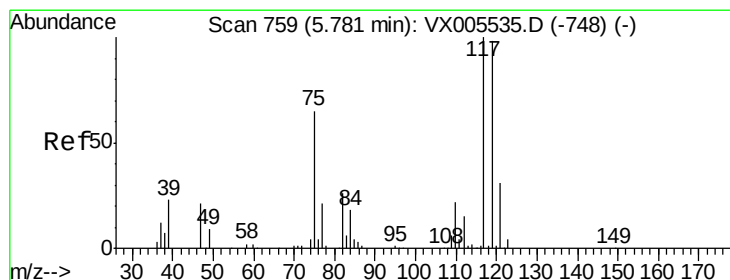
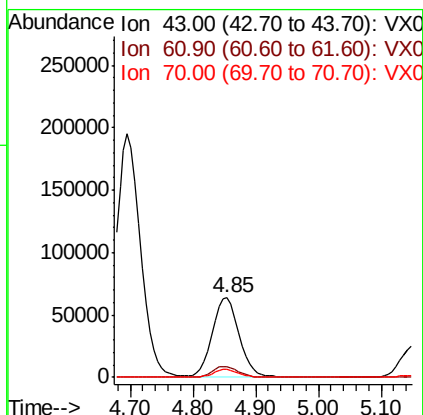
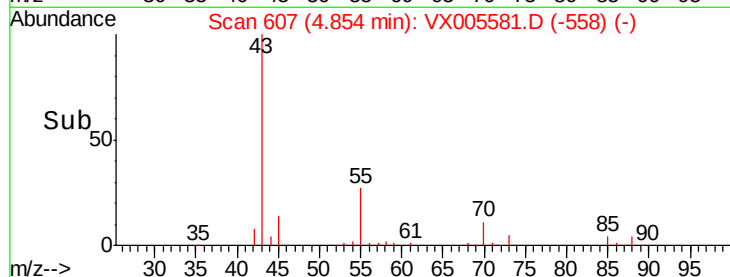
70 9.7 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 48.085 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

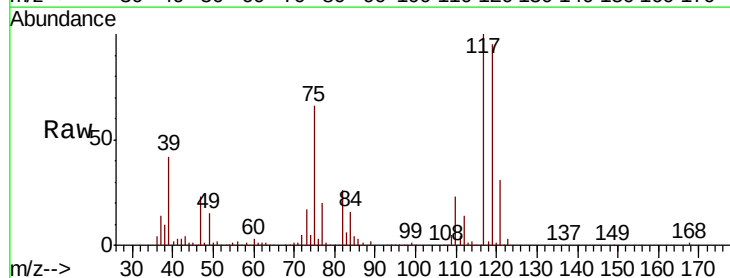
Tgt Ion: 117 Resp: 159591

Ion Ratio Lower Upper

117 100

119 95.1 78.1 117.1

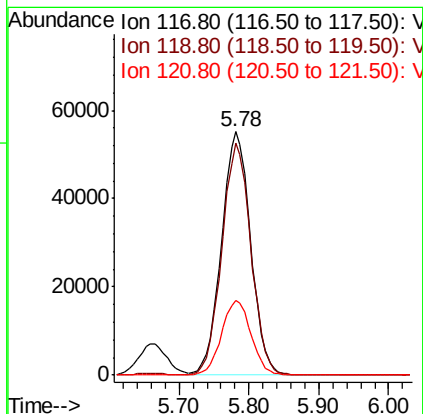
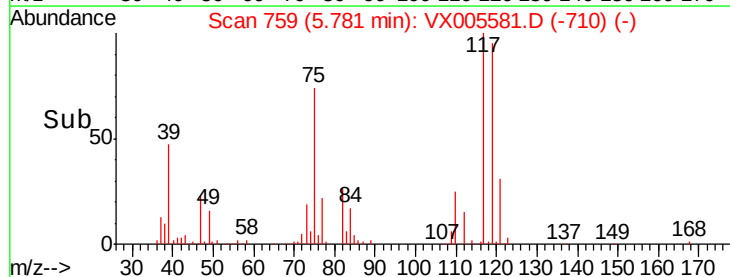
121 30.6 24.6 36.8

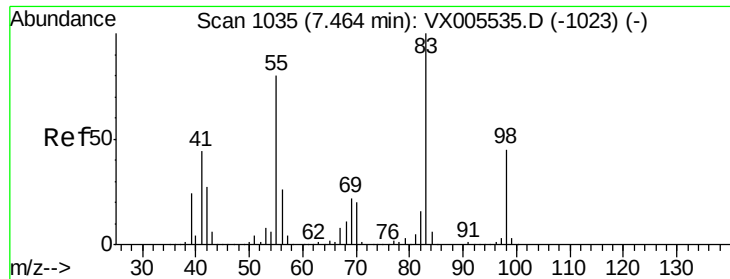


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

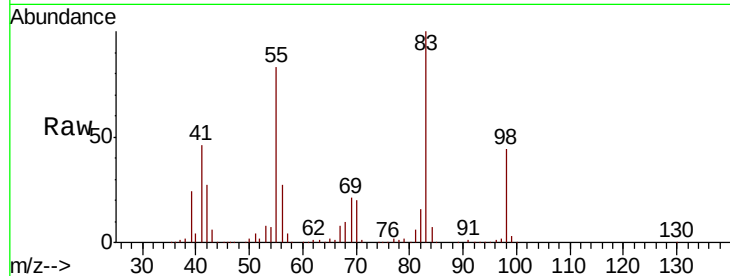




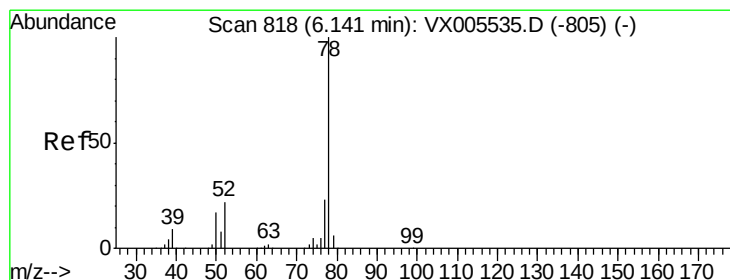
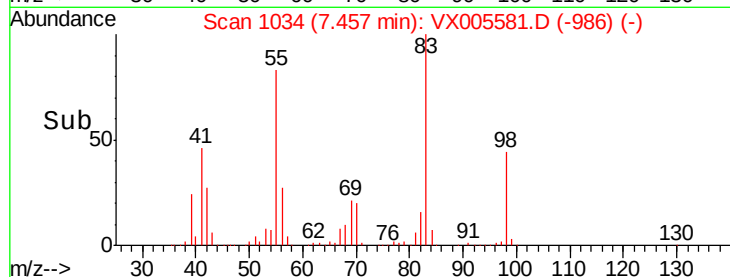
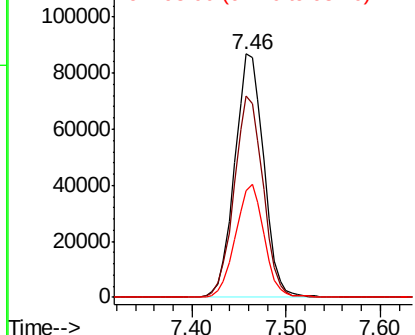
#39
Methylvlcyclohexane
Concen: 53.782 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX005581.D
Acq: 25 Oct 2018 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 187144
Ion Ratio Lower Upper
83 100
55 82.8 63.7 95.5
98 43.9 36.2 54.2

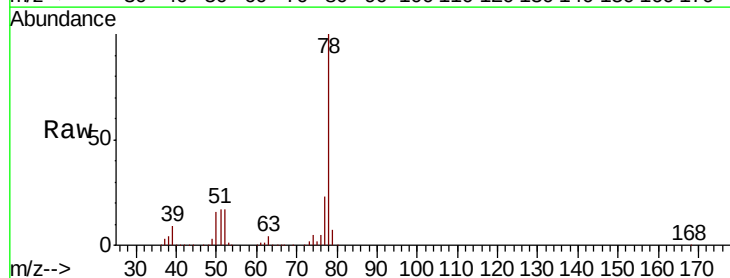


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

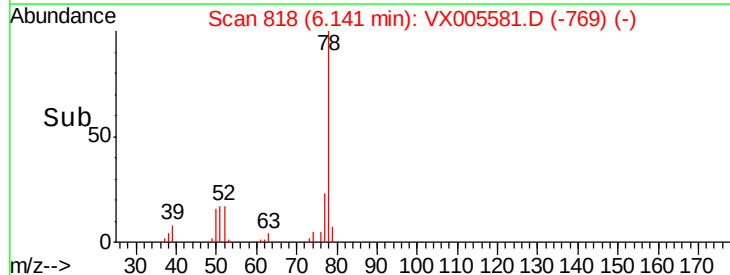
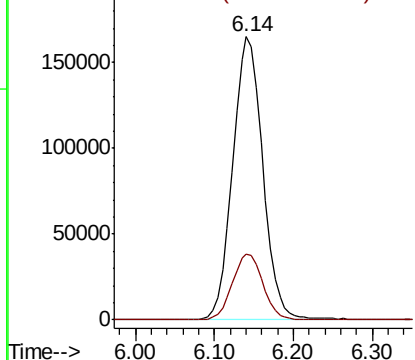


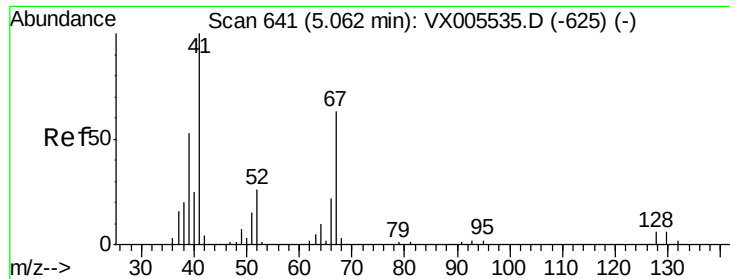
#40
Benzene
Concen: 48.561 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005581.D
Acq: 25 Oct 2018 11:17

Tgt Ion: 78 Resp: 438664
Ion Ratio Lower Upper
78 100
77 23.4 18.4 27.6



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

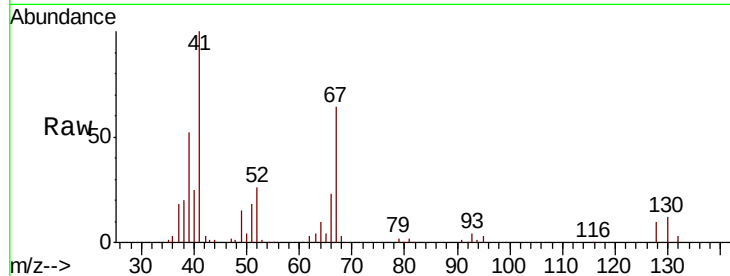




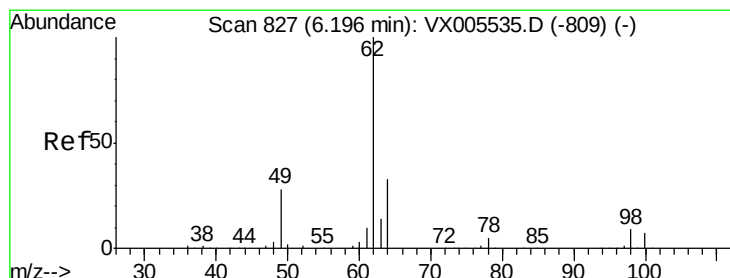
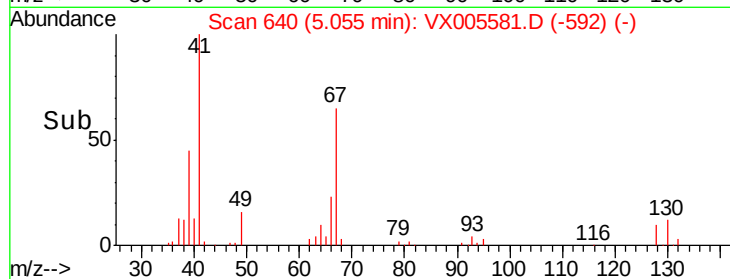
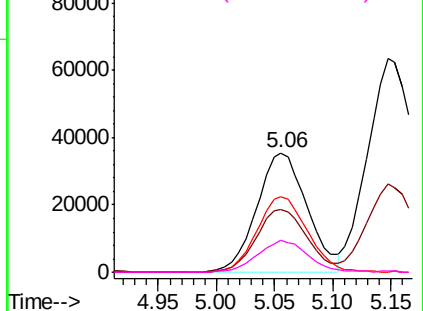
#41
Methacrylonitrile
Concen: 47.305 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX005581.D
Acq: 25 Oct 2018 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	105960
Ion	Ratio	Lower	Upper
41	100		
39	52.7	42.2	63.2
67	64.1	53.4	80.0
52	27.2	23.4	35.2

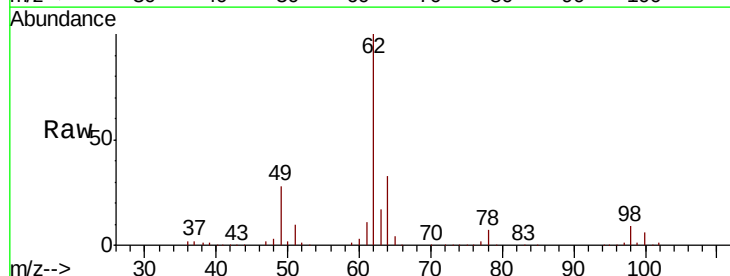


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

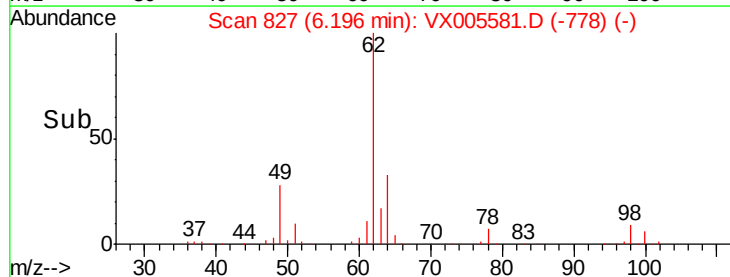
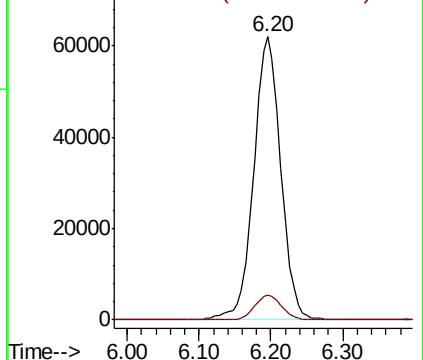


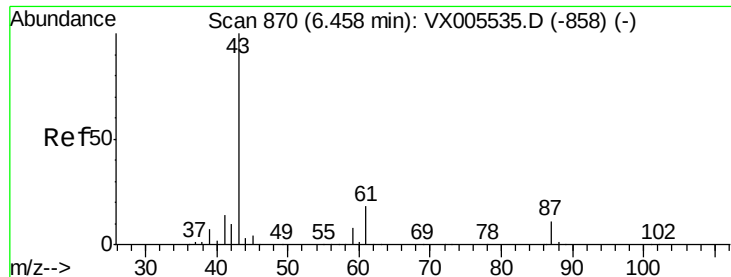
#42
1,2-Dichloroethane
Concen: 46.934 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005581.D
Acq: 25 Oct 2018 11:17

Tgt Ion:	62	Resp:	161061
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.8



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





#43

Isopropyl Acetate

Concen: 47.021 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

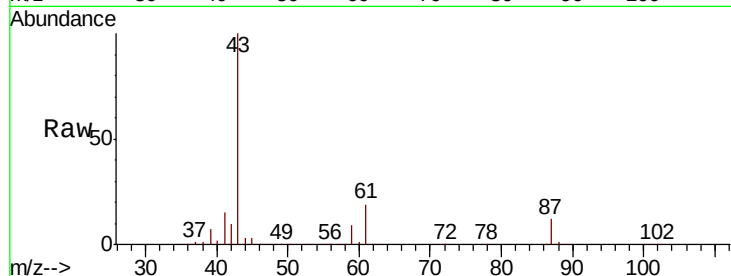
Tot Ion: 43 Resp: 283341

Ion Ratio Lower Upper

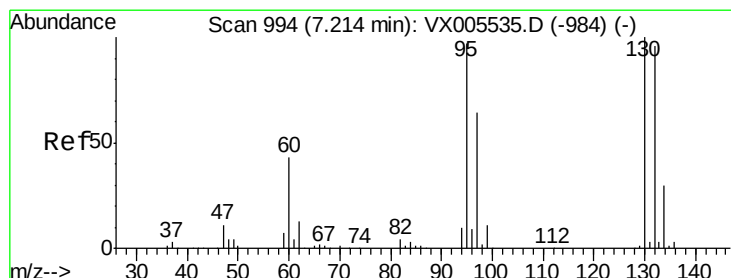
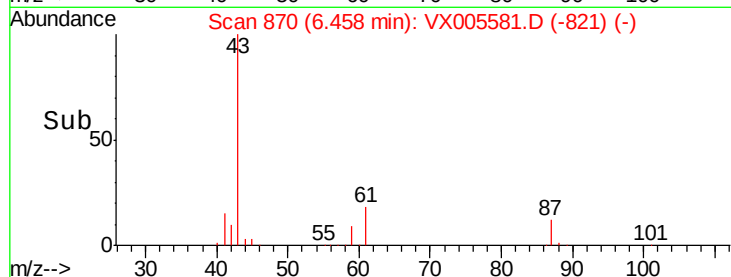
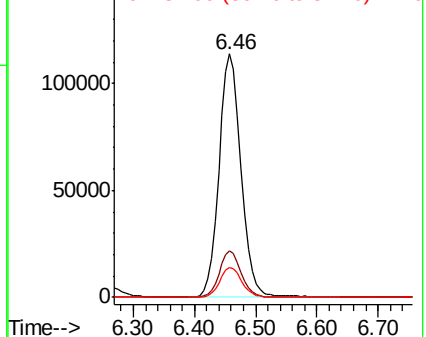
43 100

61 18.9 14.6 22.0

87 12.3 9.6 14.4



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: 48.925 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX005581.D

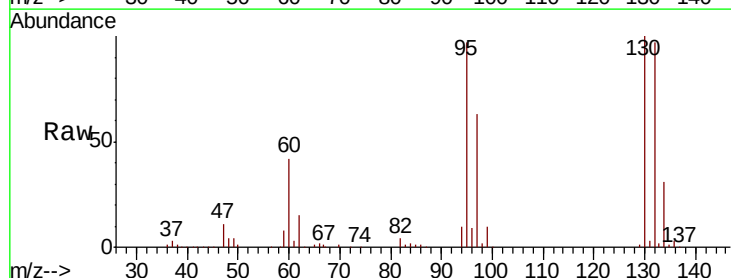
Acq: 25 Oct 2018 11:17

Tgt Ion:130 Resp: 120400

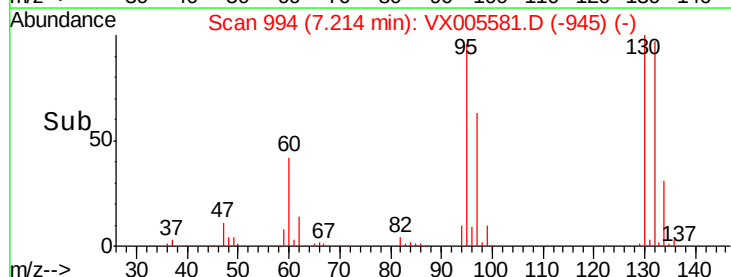
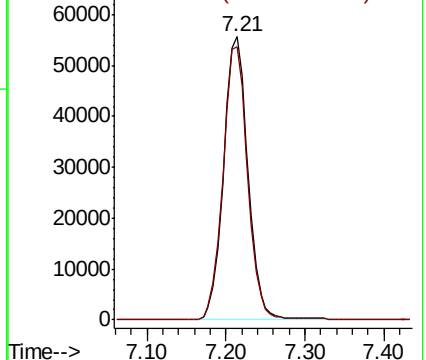
Ion Ratio Lower Upper

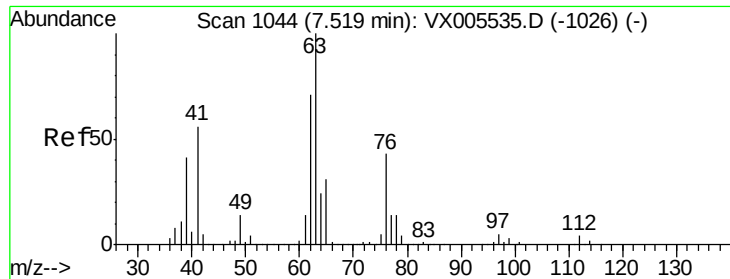
130 100

95 96.5 0.0 194.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

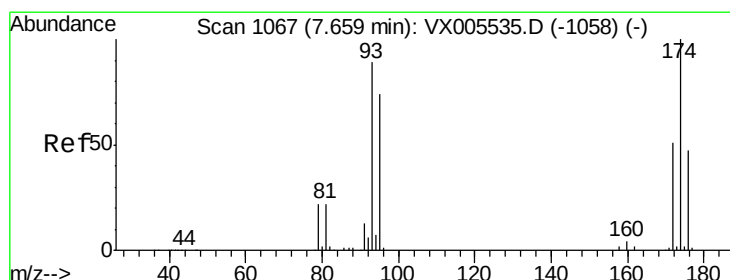
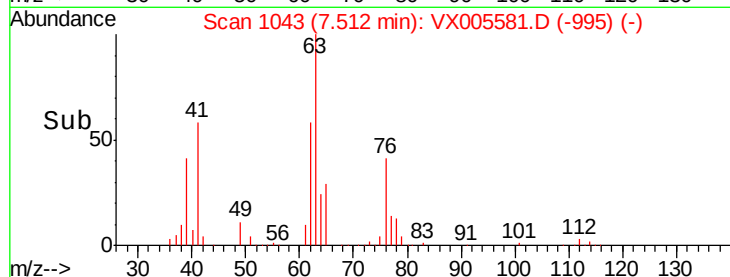
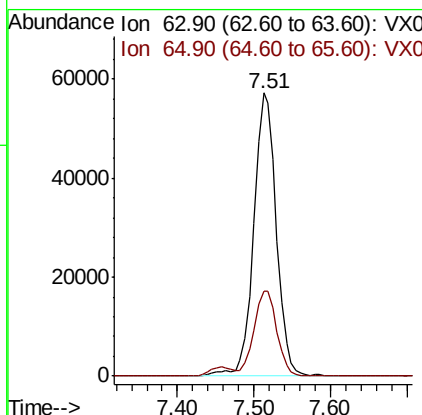
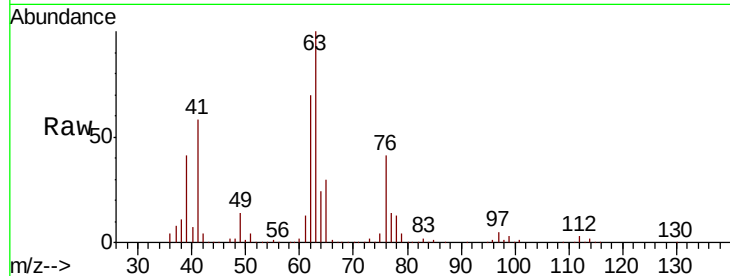




#45
 1,2-Dichloropropane
 Concen: 48.540 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX005581.D
 Acq: 25 Oct 2018 11:17

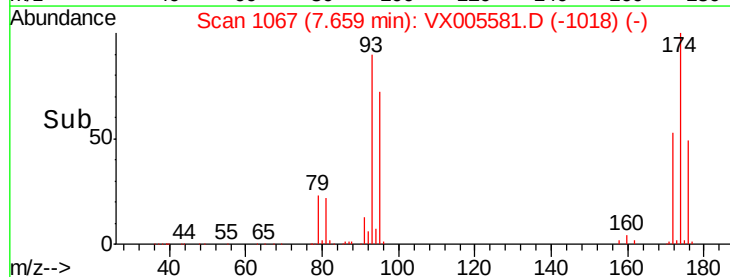
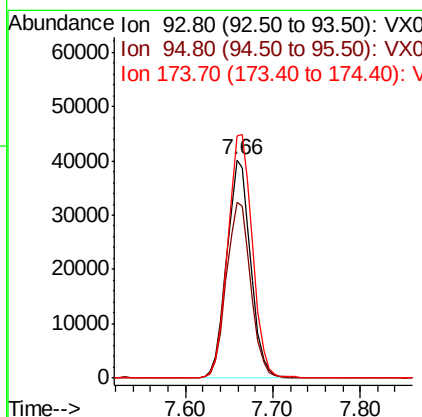
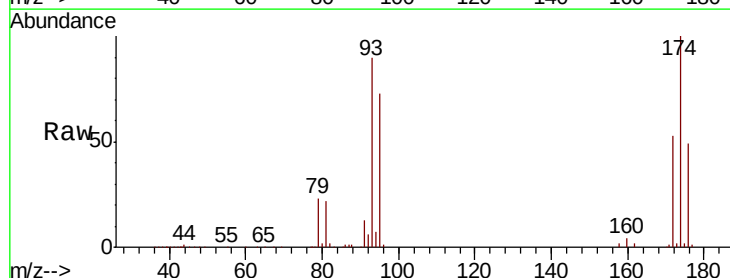
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

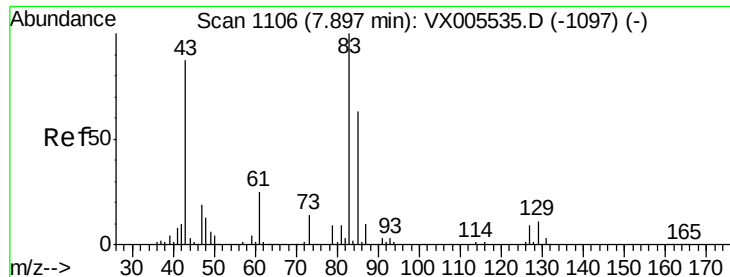
Tot Ion: 63 Resp: 117885
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.8 37.2



#46
 Dibromomethane
 Concen: 48.557 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX005581.D
 Acq: 25 Oct 2018 11:17

Tgt Ion: 93 Resp: 76164
 Ion Ratio Lower Upper
 93 100
 95 82.3 67.4 101.0
 174 115.8 91.5 137.3





#47

Bromodichloromethane

Concen: 49.319 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

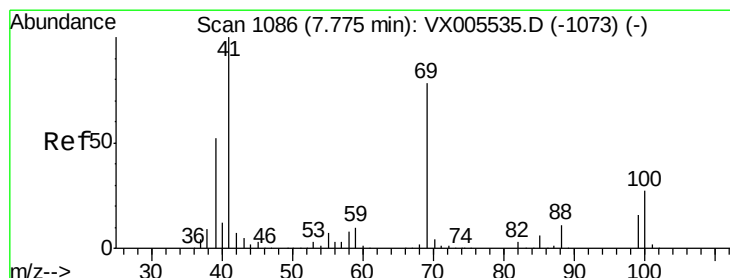
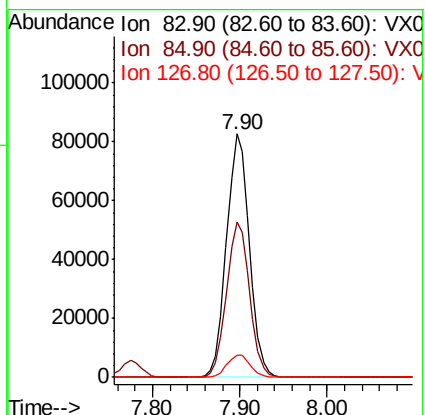
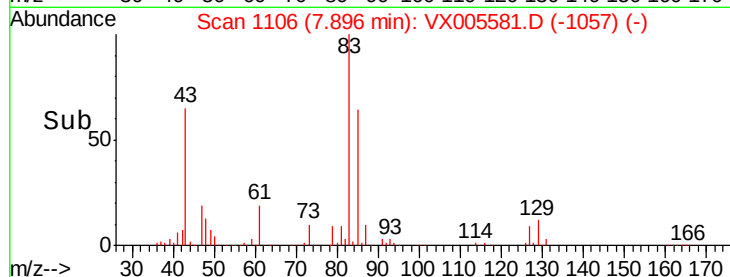
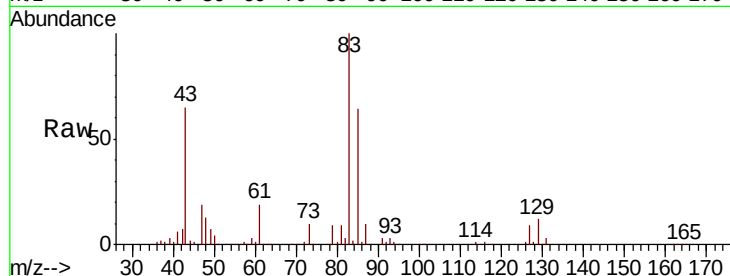
Tot Ion: 83 Resp: 150142

Ion Ratio Lower Upper

83 100

85 63.7 50.2 75.4

127 9.0 6.9 10.3



#48

Methyl methacrylate

Concen: 51.424 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

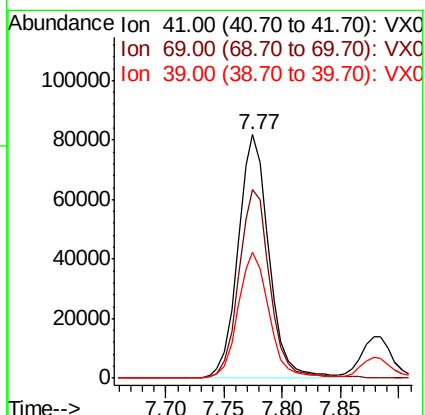
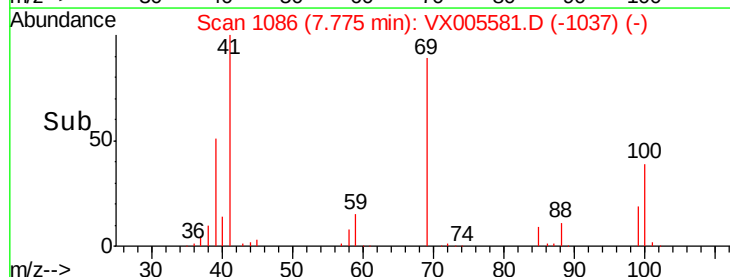
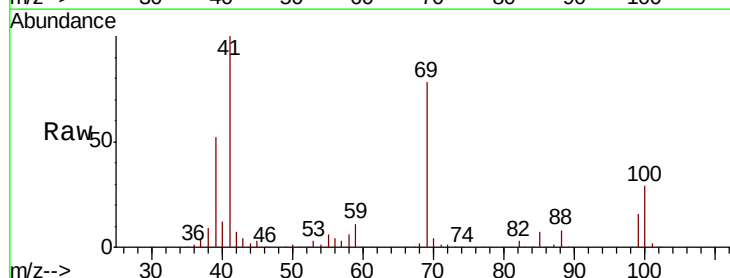
Tgt Ion: 41 Resp: 150957

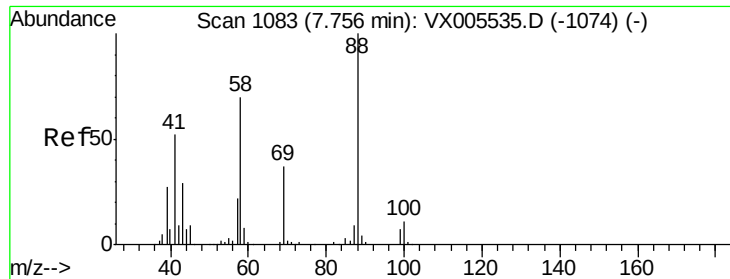
Ion Ratio Lower Upper

41 100

69 78.1 63.2 94.8

39 52.2 42.2 63.2





#49

1,4-Dioxane

Concen: 997.154 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.01 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

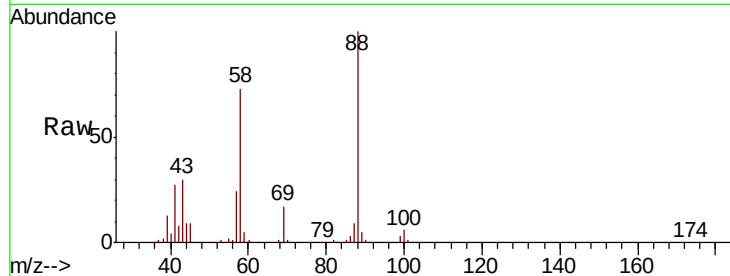
Tot Ion: 88 Resp: 63969

Ion Ratio Lower Upper

88 100

43 34.8 27.4 41.0

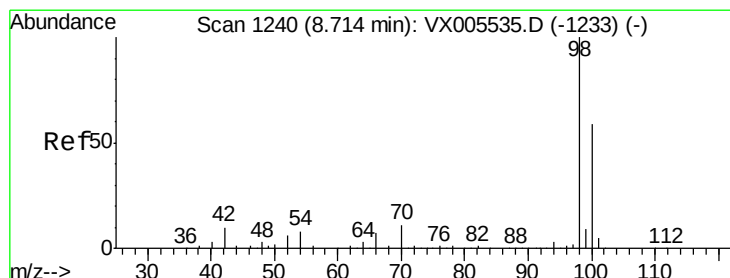
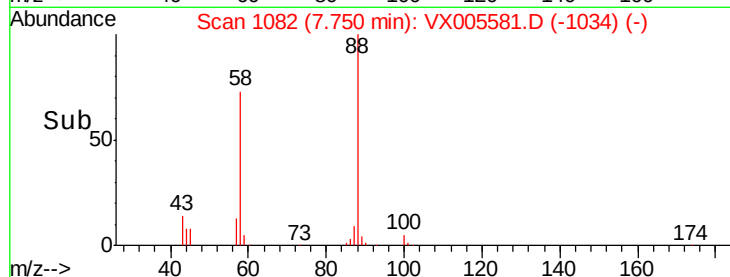
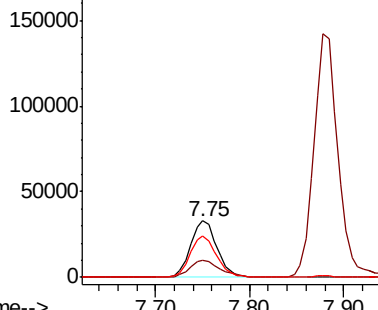
58 74.0 59.4 89.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 47.657 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005581.D

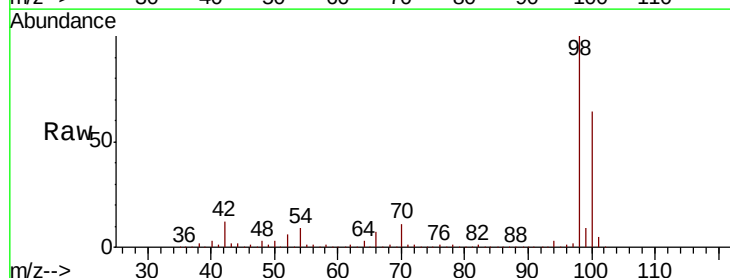
Acq: 25 Oct 2018 11:17

Tgt Ion: 98 Resp: 376509

Ion Ratio Lower Upper

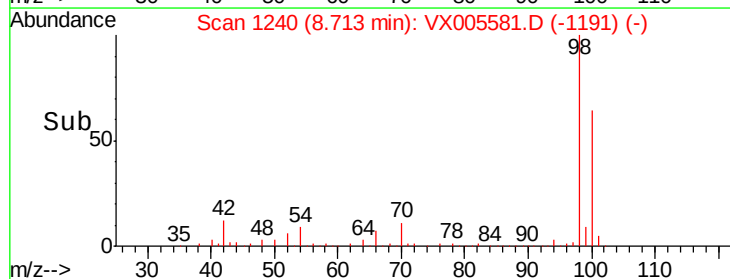
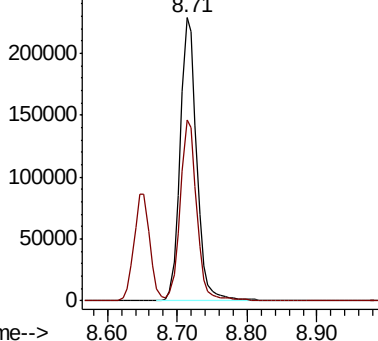
98 100

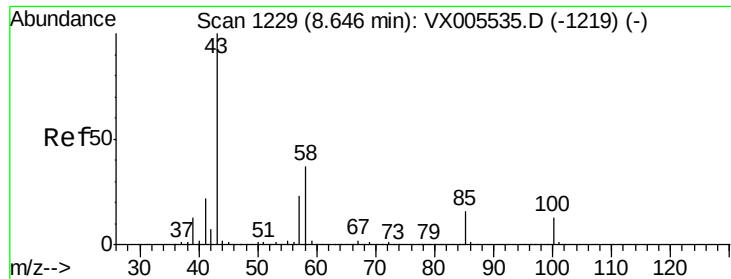
100 63.7 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 248.429 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

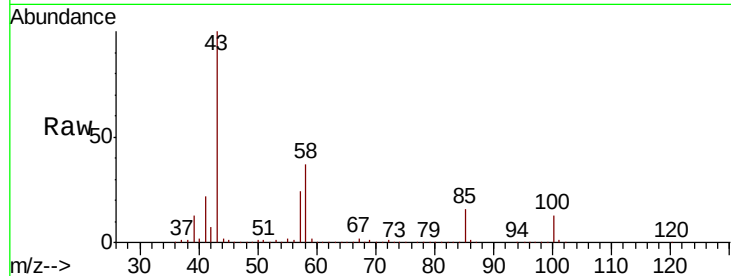
VSTDCCC050

Tot Ion: 43 Resp: 1006070

Ion Ratio Lower Upper

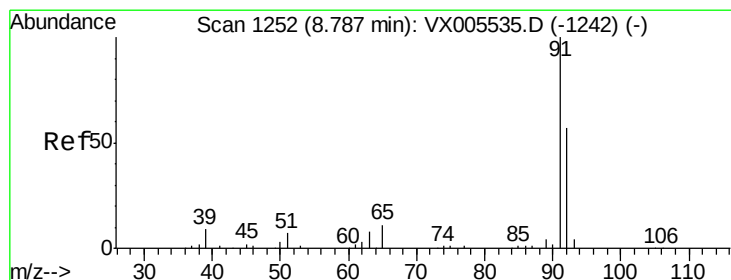
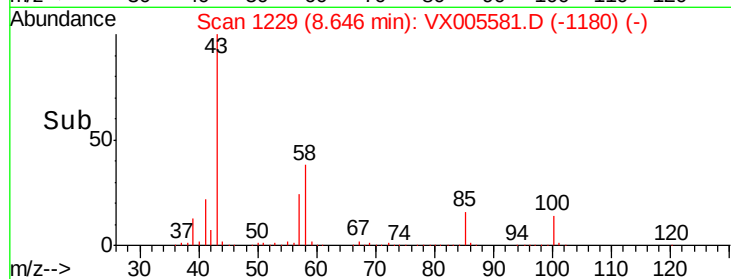
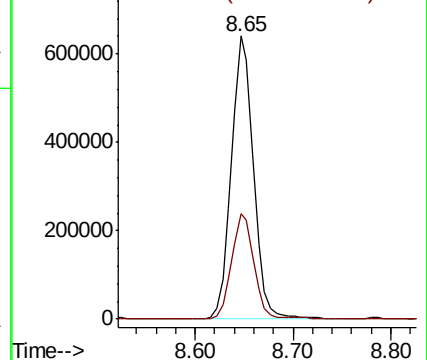
43 100

58 37.1 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.735 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005581.D

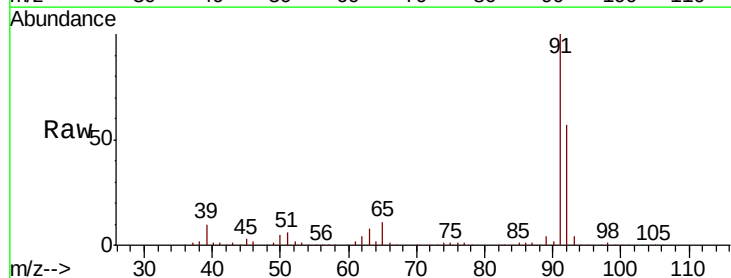
Acq: 25 Oct 2018 11:17

Tgt Ion: 92 Resp: 278536

Ion Ratio Lower Upper

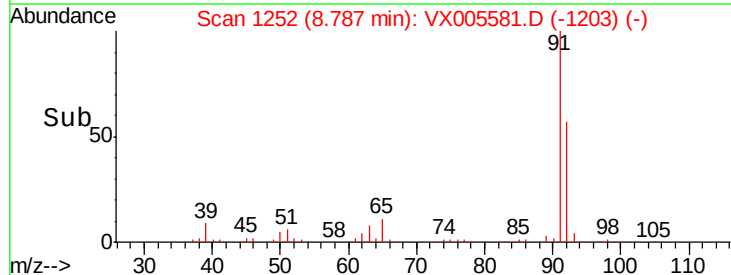
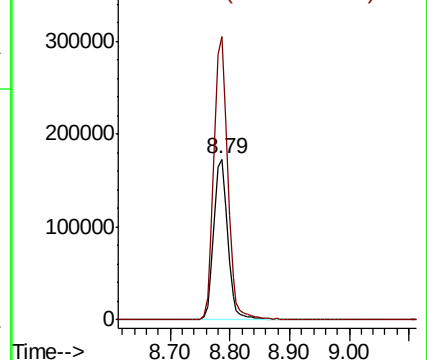
92 100

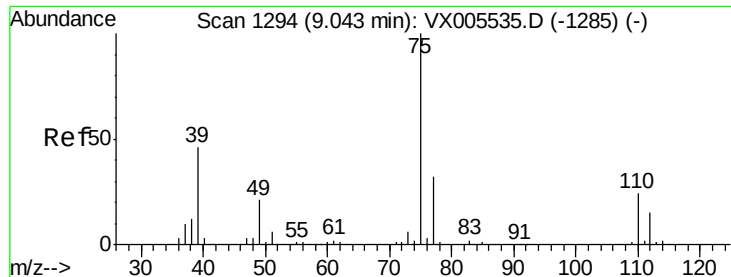
91 174.7 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 52.209 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

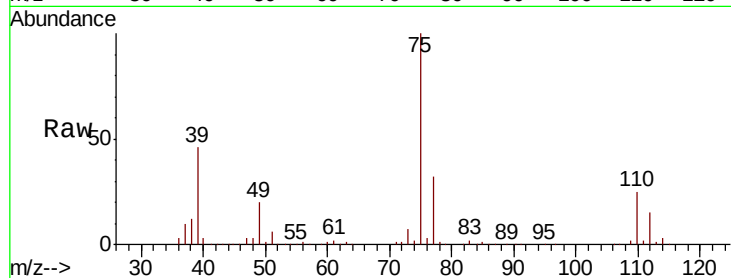
VSTDCCC050

Tot Ion: 75 Resp: 171778

Ion Ratio Lower Upper

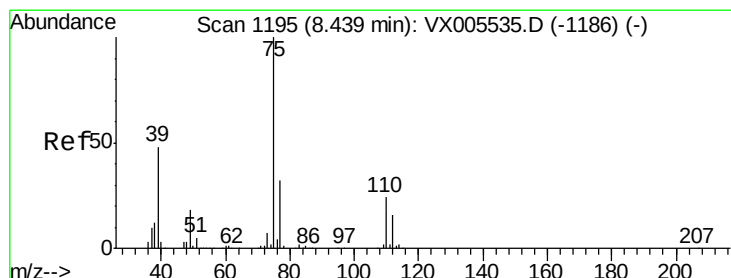
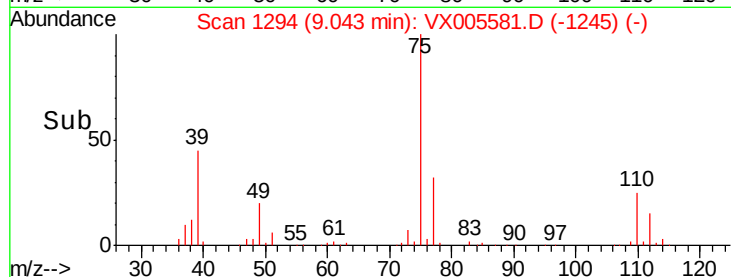
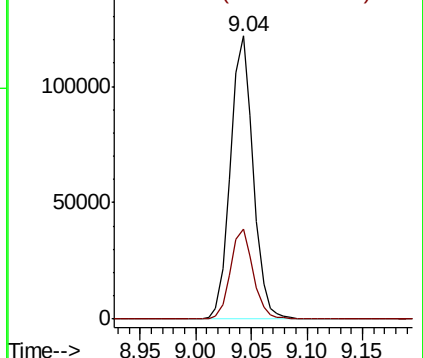
75 100

77 31.9 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 51.748 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.01 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

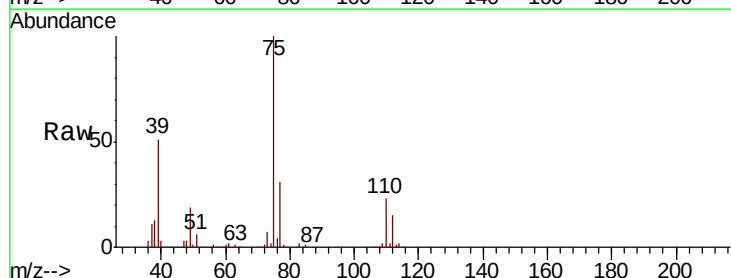
Tgt Ion: 75 Resp: 183311

Ion Ratio Lower Upper

75 100

77 30.9 25.2 37.8

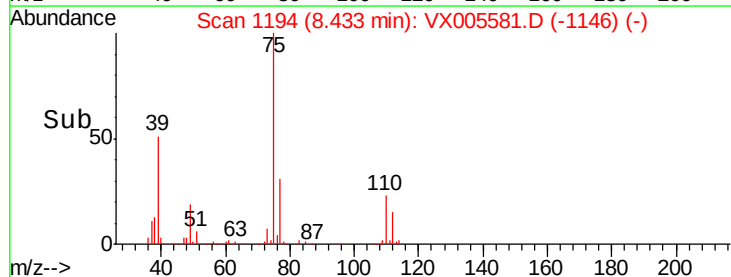
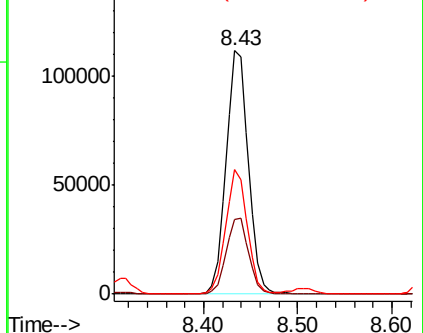
39 50.8 38.2 57.2

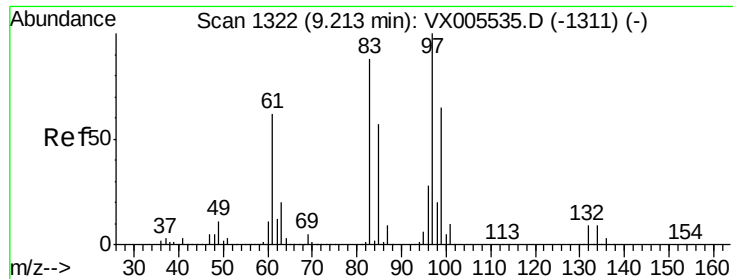


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

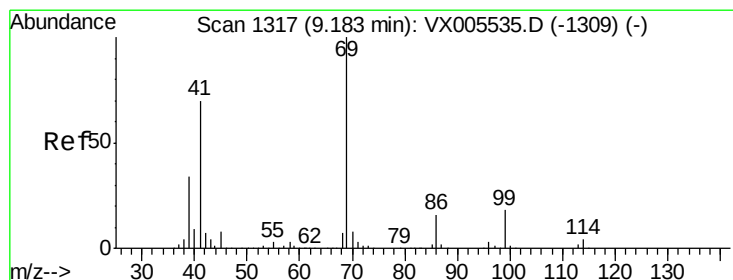
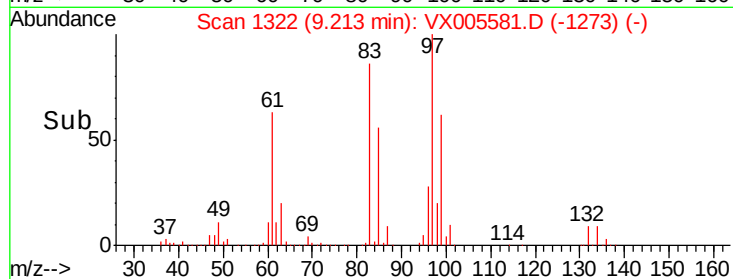
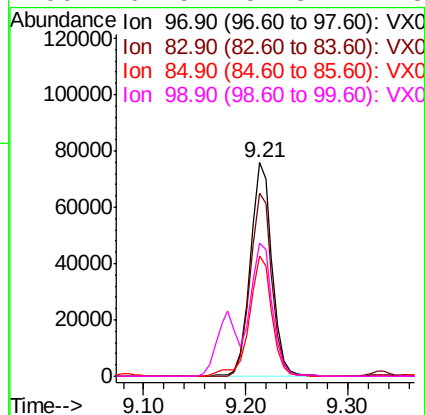
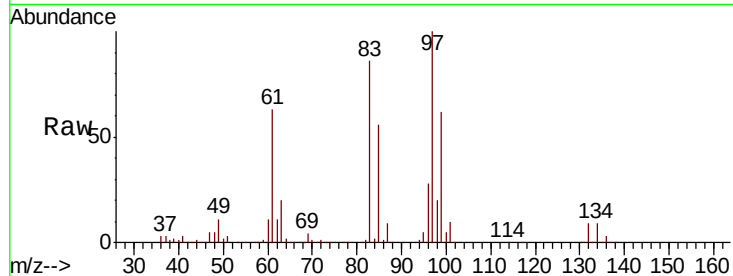




#55
 1,1,2-Trichloroethane
 Concen: 48.537 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX005581.D
 Acq: 25 Oct 2018 11:17

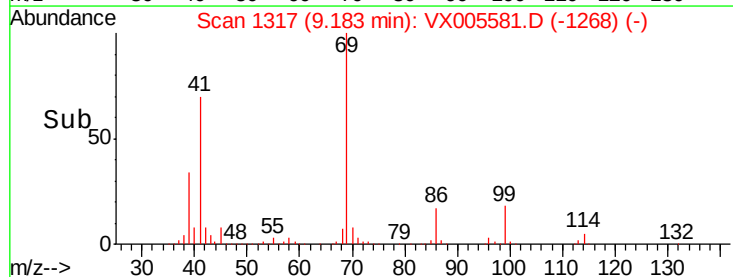
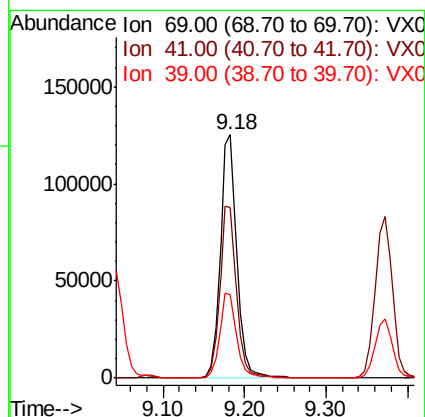
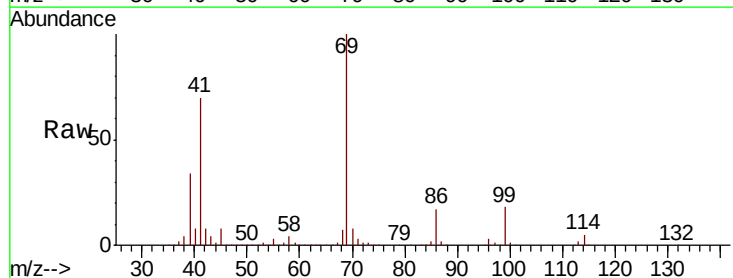
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

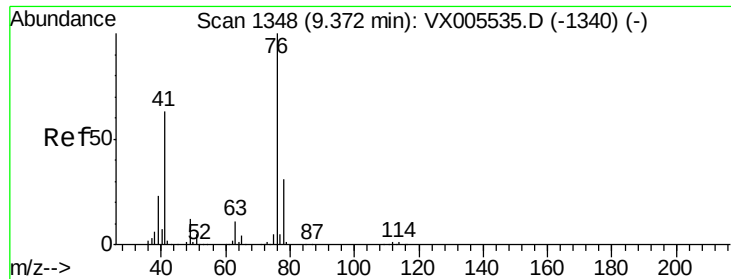
Tot Ion: 97 Resp: 112343
 Ion Ratio Lower Upper
 97 100
 83 85.6 70.7 106.1
 85 56.4 45.8 68.6
 99 62.5 51.8 77.8



#56
 Ethyl methacrylate
 Concen: 51.658 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005581.D
 Acq: 25 Oct 2018 11:17

Tgt Ion: 69 Resp: 178347
 Ion Ratio Lower Upper
 69 100
 41 71.6 57.0 85.6
 39 35.7 28.3 42.5

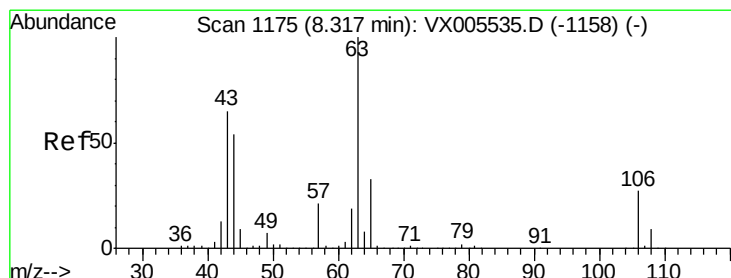
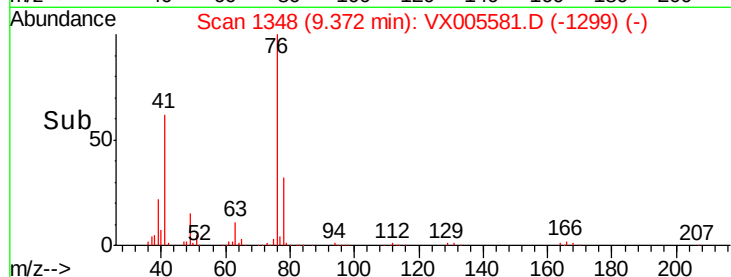
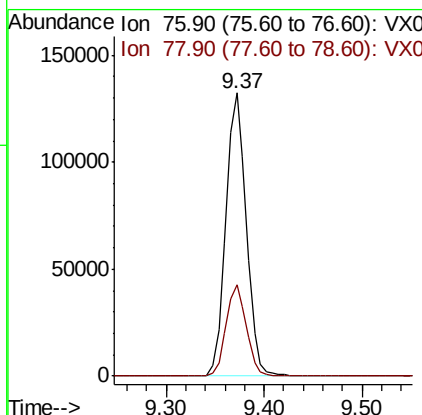
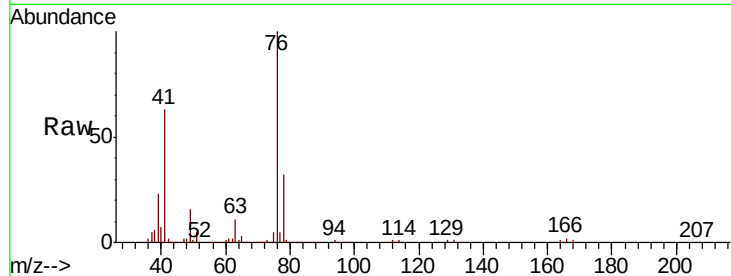




#57
 1,3-Dichloropropane
 Concen: 49.021 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005581.D
 Acq: 25 Oct 2018 11:17

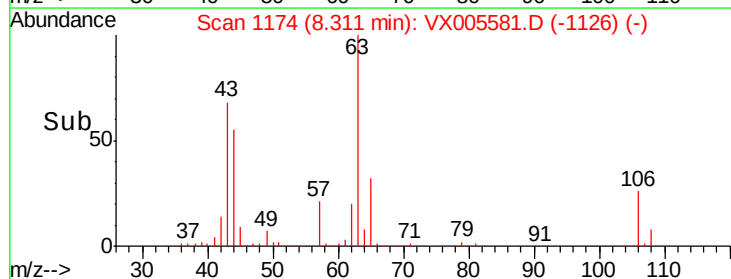
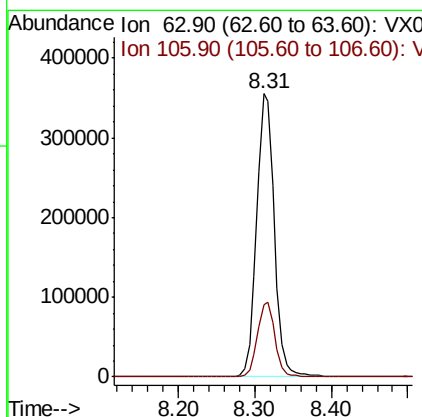
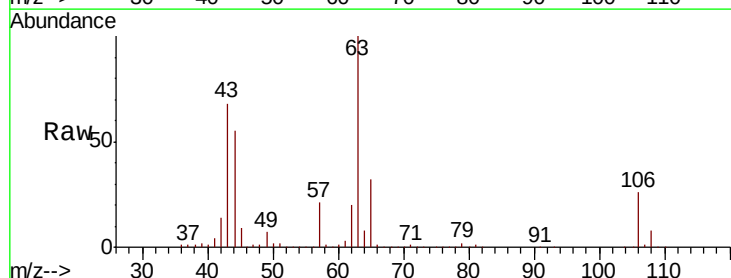
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

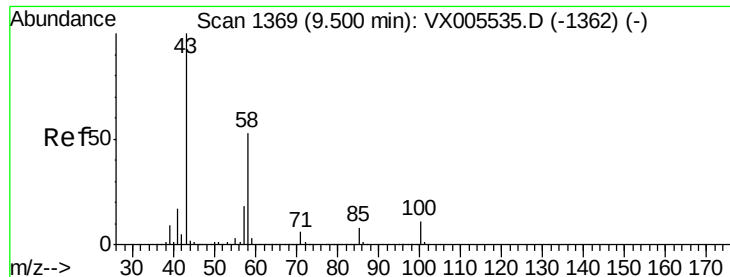
Tot Ion: 76 Resp: 191983
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.3 37.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 300.212 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: VX005581.D
 Acq: 25 Oct 2018 11:17

Tgt Ion: 63 Resp: 578873
 Ion Ratio Lower Upper
 63 100
 106 26.3 21.3 31.9

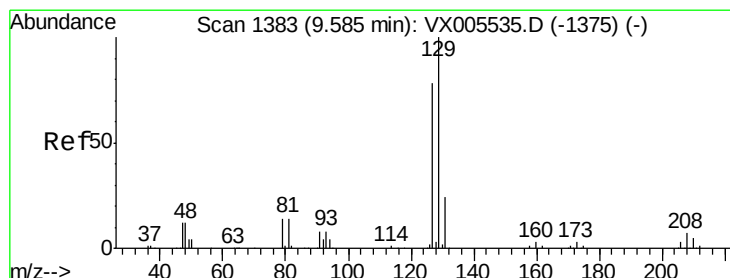
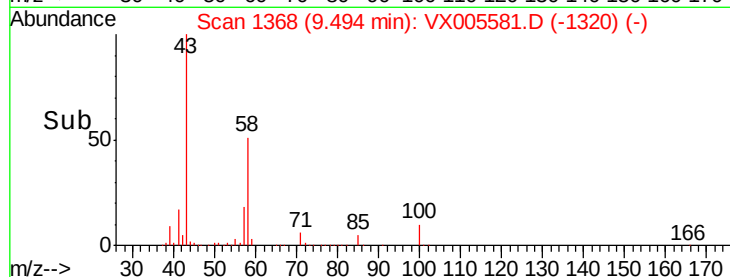
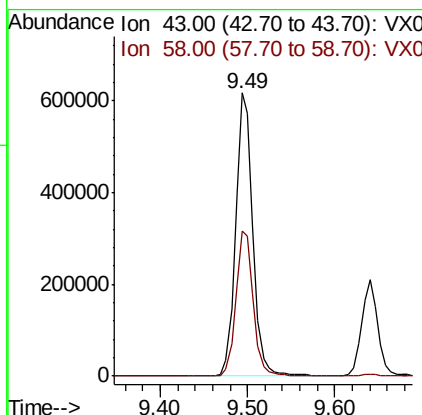
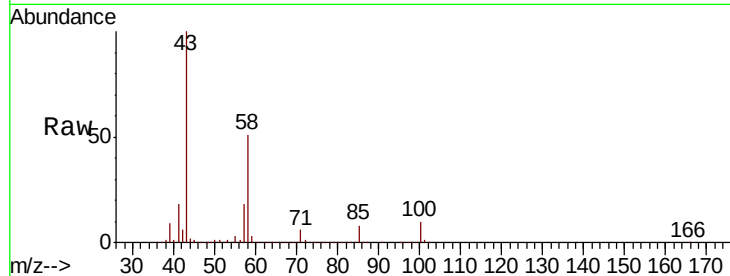




#59
2-Hexanone
Concen: 265.822 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005581.D
Acq: 25 Oct 2018 11:17

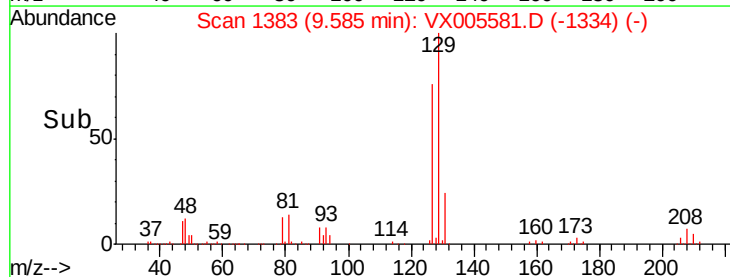
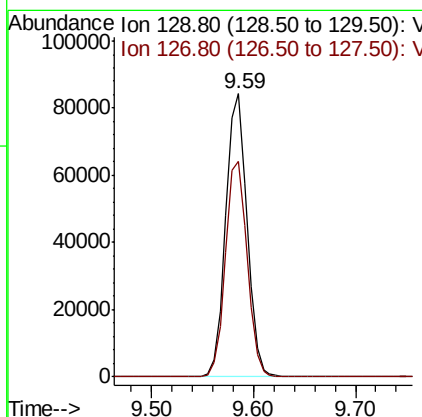
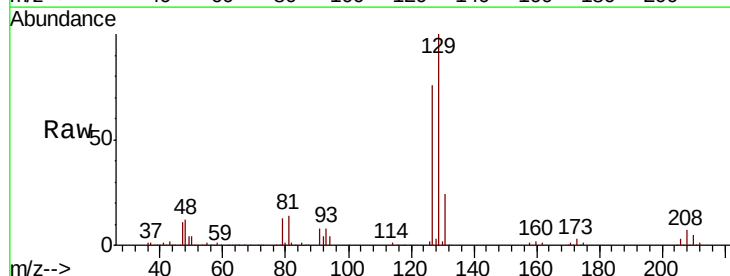
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

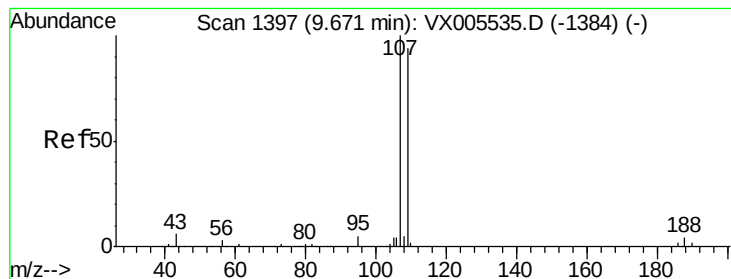
Tot Ion: 43 Resp: 848770
Ion Ratio Lower Upper
43 100
58 51.9 25.9 77.8



#60
Dibromochloromethane
Concen: 50.338 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005581.D
Acq: 25 Oct 2018 11:17

Tgt Ion: 129 Resp: 121562
Ion Ratio Lower Upper
129 100
127 77.6 38.9 116.7





#61

1,2-Dibromoethane

Concen: 50.389 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

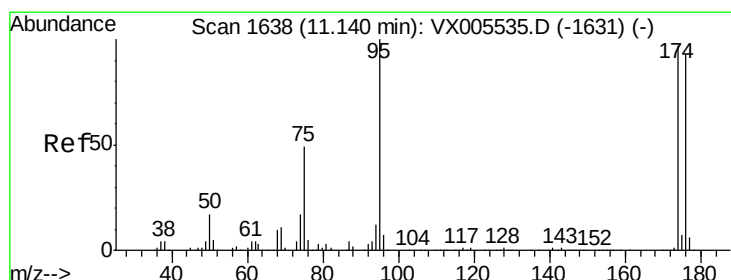
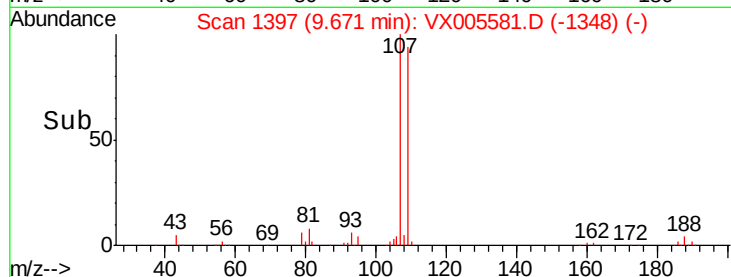
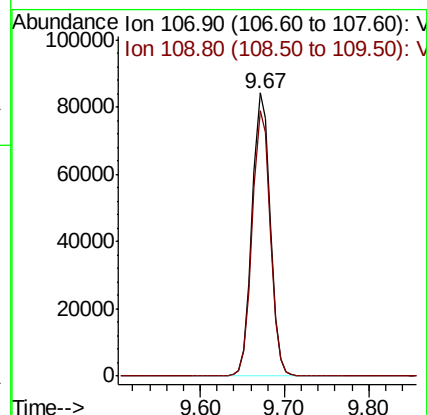
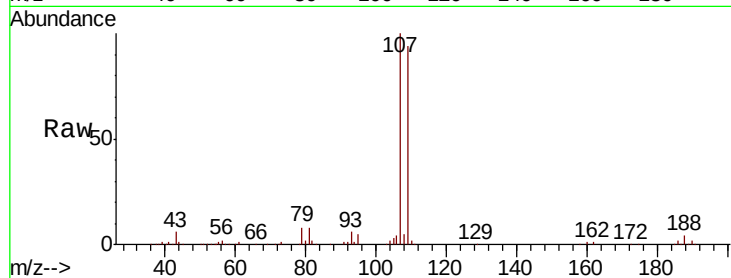
VSTDCCC050

Tot Ion:107 Resp: 120659

Ion Ratio Lower Upper

107 100

109 93.7 75.7 113.5



#62

4-Bromofluorobenzene

Concen: 48.155 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

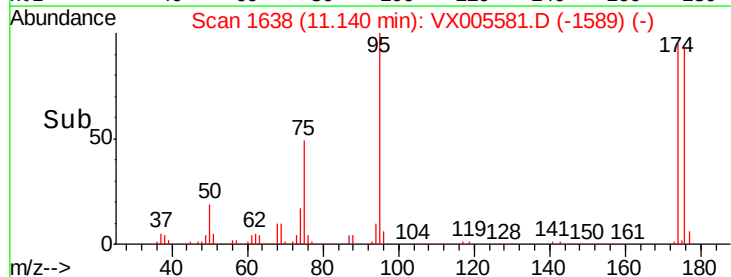
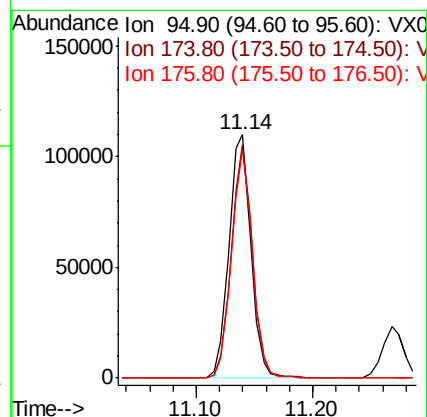
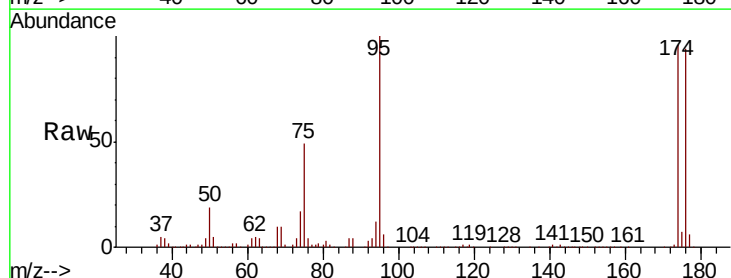
Tgt Ion: 95 Resp: 143672

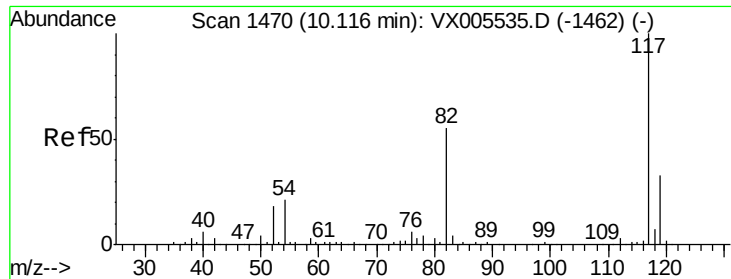
Ion Ratio Lower Upper

95 100

174 91.9 0.0 184.4

176 89.4 0.0 177.4

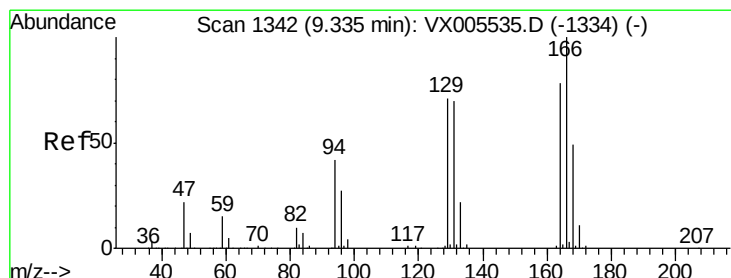
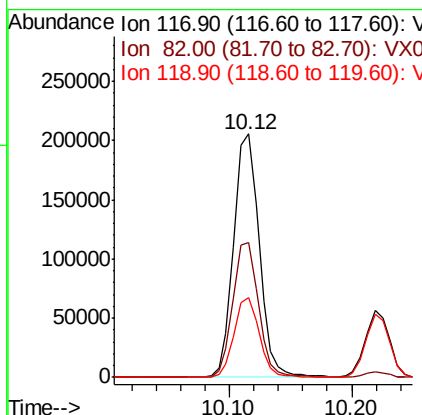
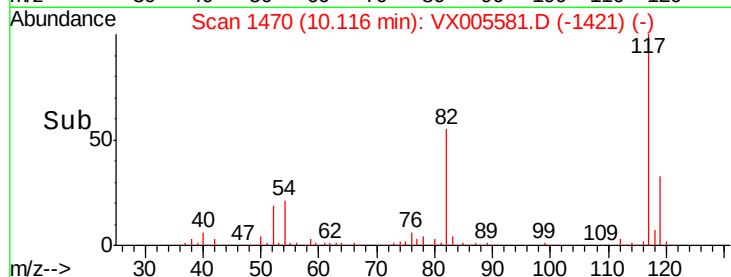
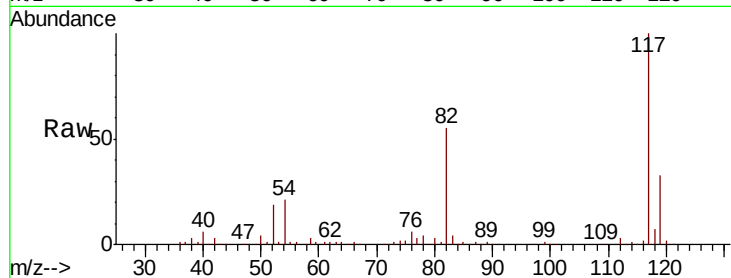




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005581.D
Acq: 25 Oct 2018 11:17

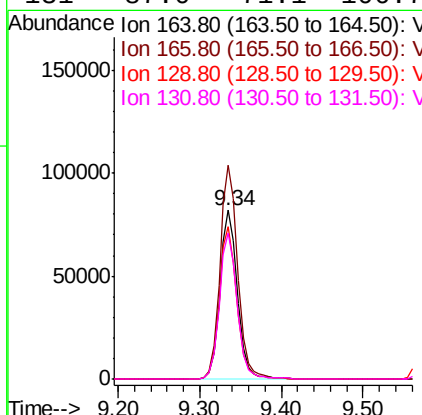
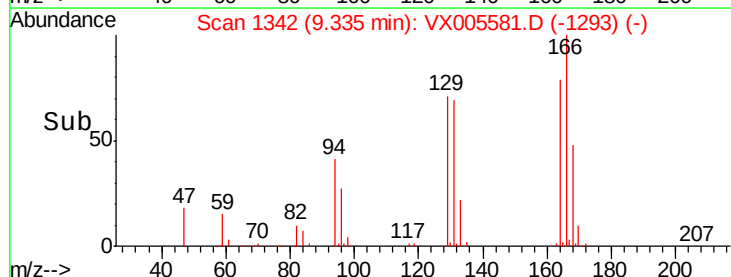
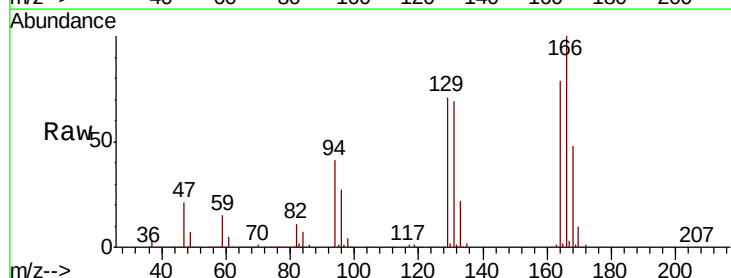
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

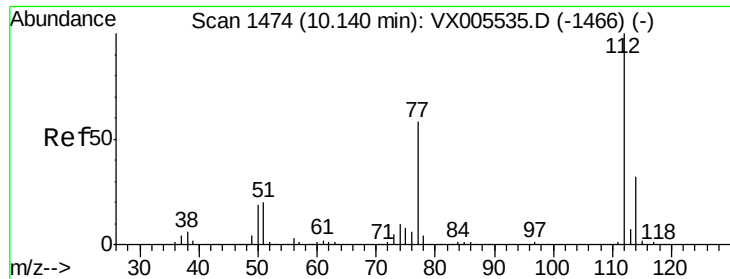
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	44.1	66.1
119	33.0	26.2	39.2



#64
Tetrachloroethene
Concen: 49.693 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005581.D
Acq: 25 Oct 2018 11:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.8	101.9	152.9
129	90.1	72.6	109.0
131	87.0	71.1	106.7

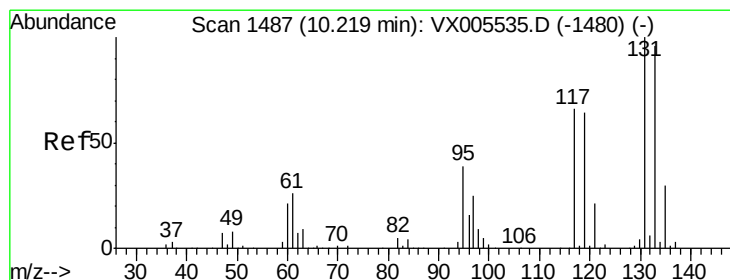
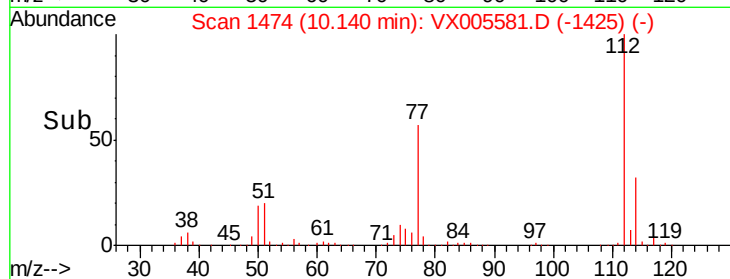
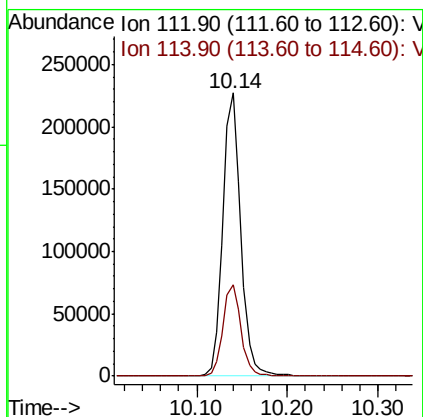
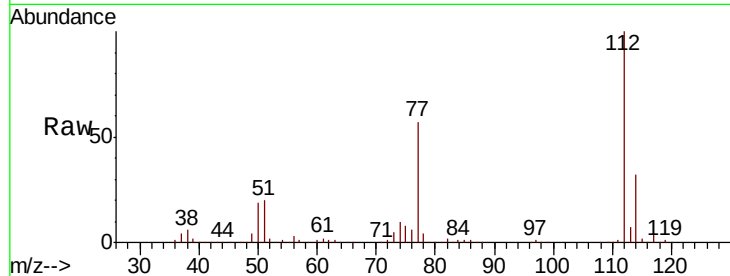




#65
Chlorobenzene
Concen: 49.570 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005581.D
Acq: 25 Oct 2018 11:17

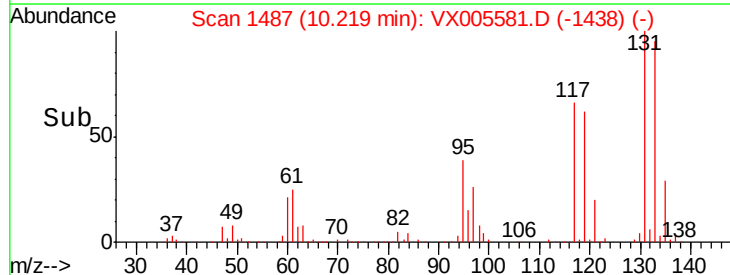
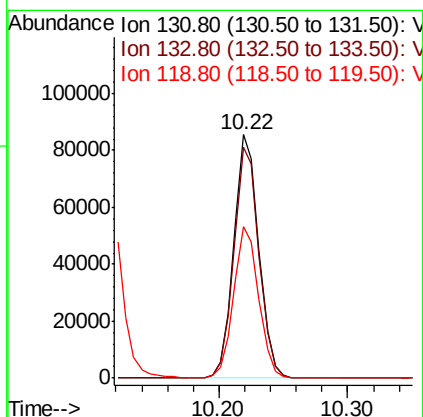
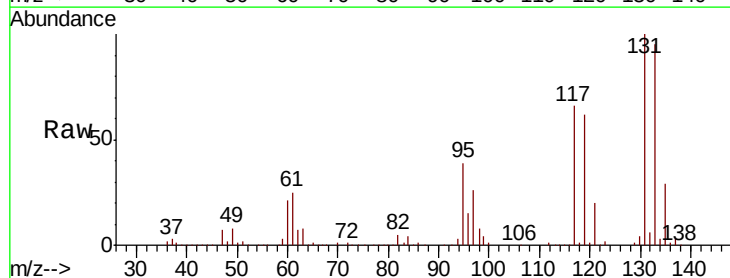
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

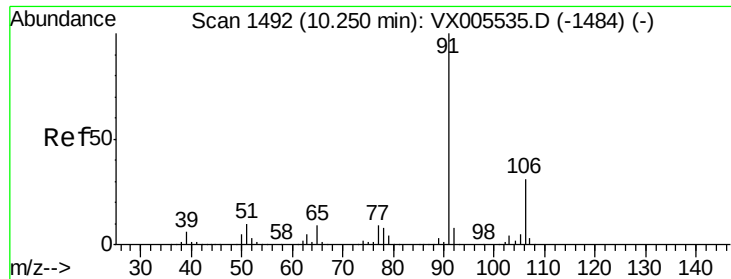
Tot Ion:112 Resp: 314147
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.829 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX005581.D
Acq: 25 Oct 2018 11:17

Tgt Ion:131 Resp: 115145
Ion Ratio Lower Upper
131 100
133 95.7 47.5 142.5
119 62.6 31.8 95.3

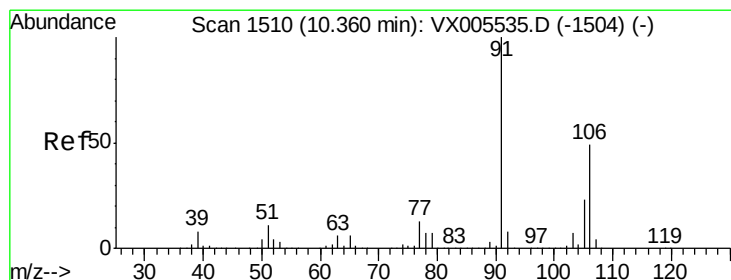
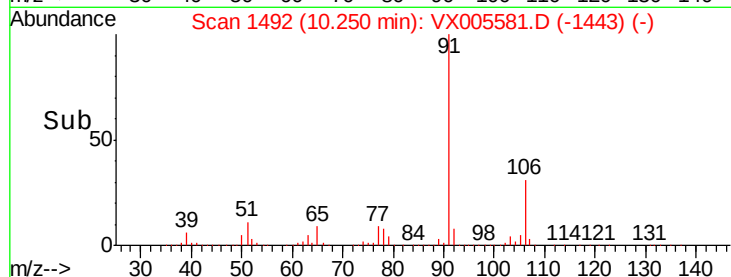
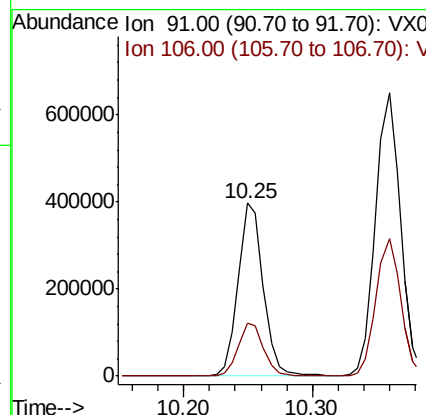
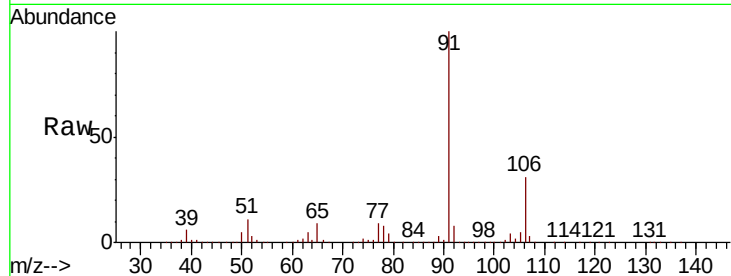




#67
Ethyl Benzene
Concen: 52.199 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX005581.D
Acq: 25 Oct 2018 11:17

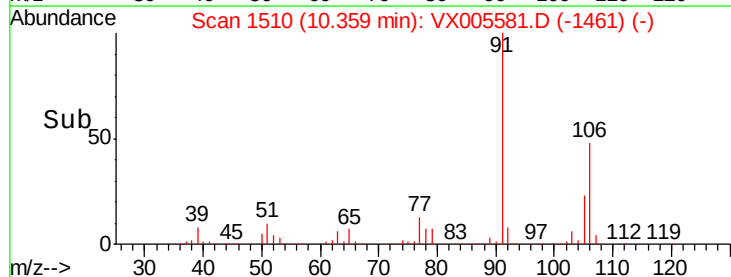
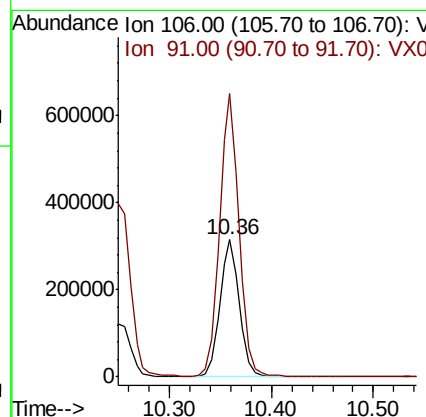
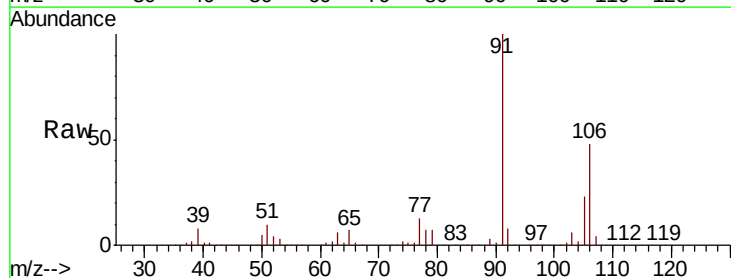
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

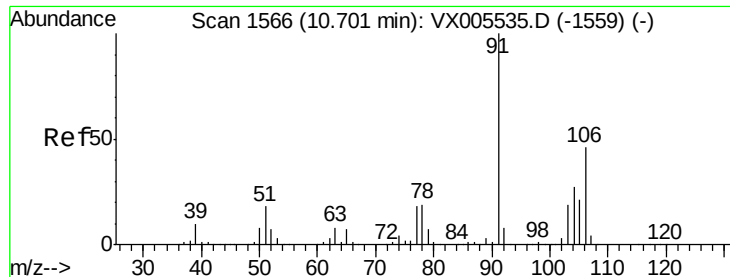
Tot Ion: 91 Resp: 544269
Ion Ratio Lower Upper
91 100
106 30.6 24.4 36.6



#68
m/p-Xylenes
Concen: 104.535 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005581.D
Acq: 25 Oct 2018 11:17

Tgt Ion: 106 Resp: 422877
Ion Ratio Lower Upper
106 100
91 207.0 164.2 246.4

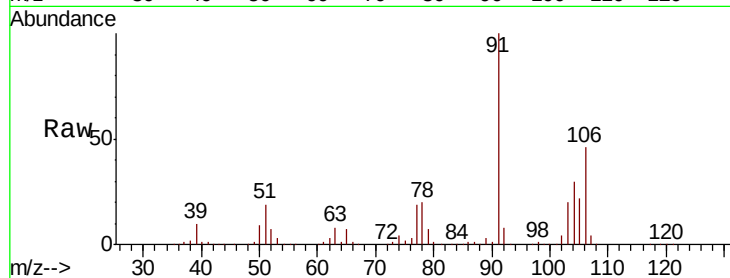




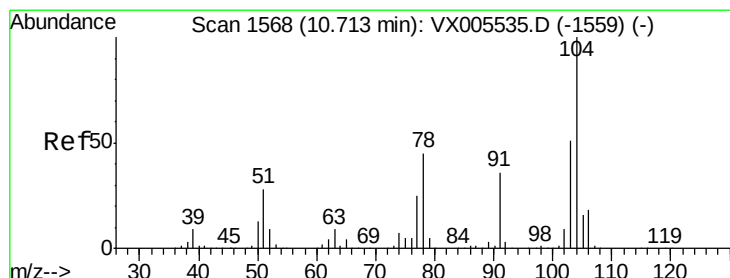
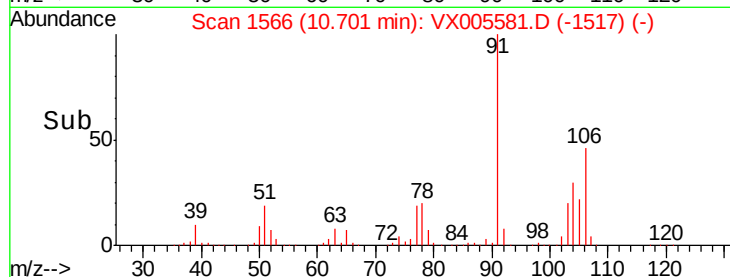
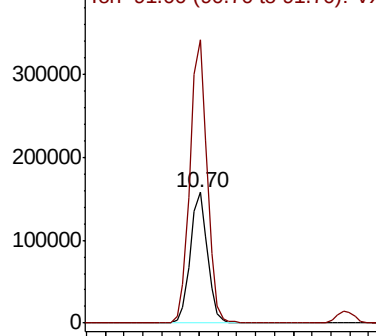
#69
o-Xylene
Concen: 52.790 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005581.D
Acq: 25 Oct 2018 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 200914
Ion Ratio Lower Upper
106 100
91 216.7 108.5 325.5

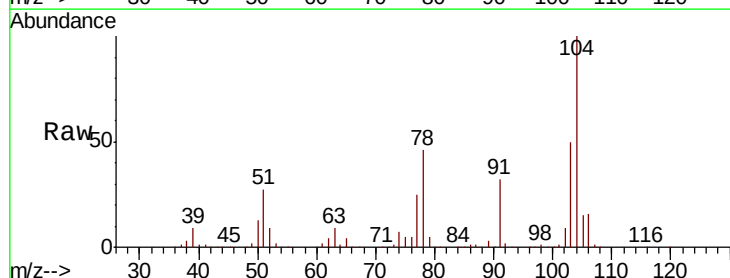


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

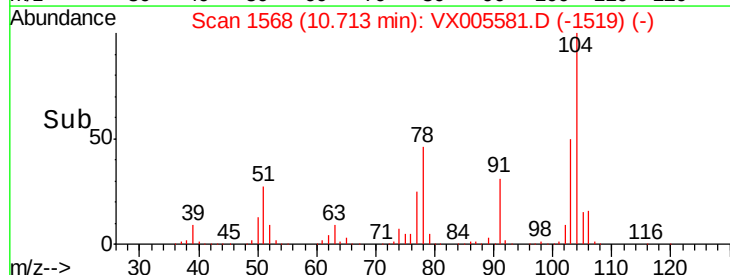
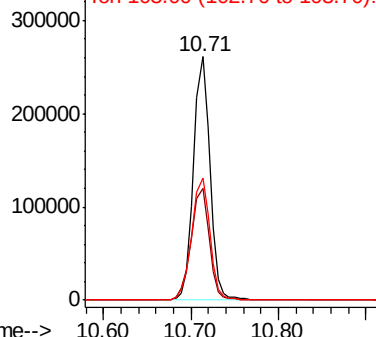


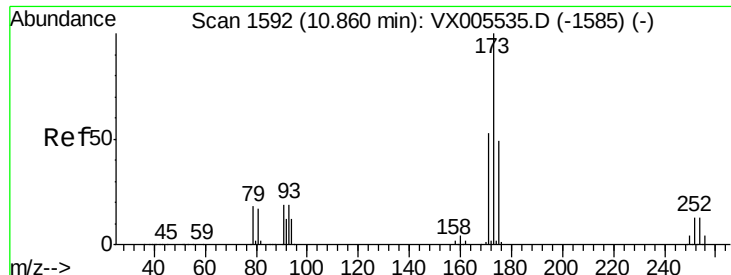
#70
Styrene
Concen: 53.263 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005581.D
Acq: 25 Oct 2018 11:17

Tgt Ion:104 Resp: 339350
Ion Ratio Lower Upper
104 100
78 51.1 40.2 60.4
103 55.6 44.9 67.3



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

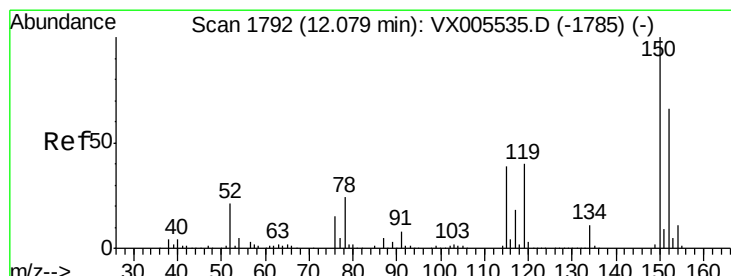
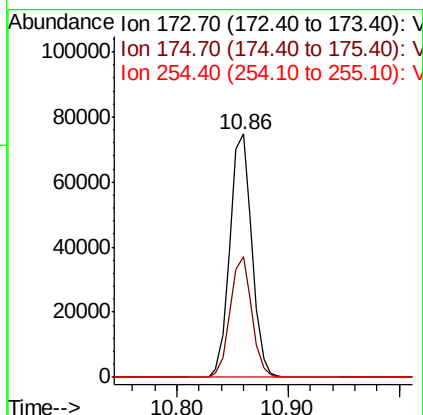
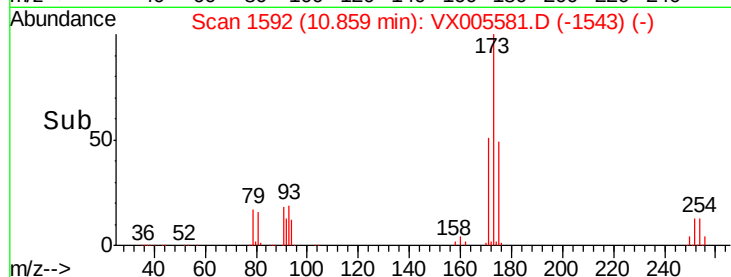
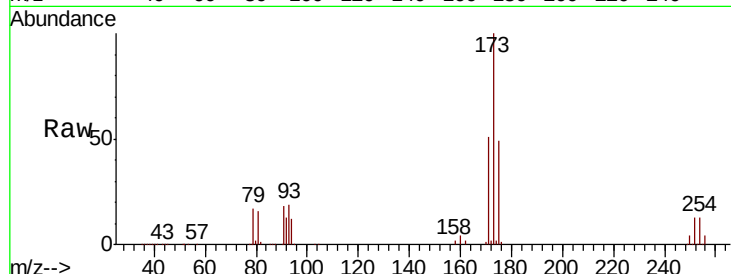




#71
Bromoform
Concen: 49.400 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX005581.D
Acq: 25 Oct 2018 11:17

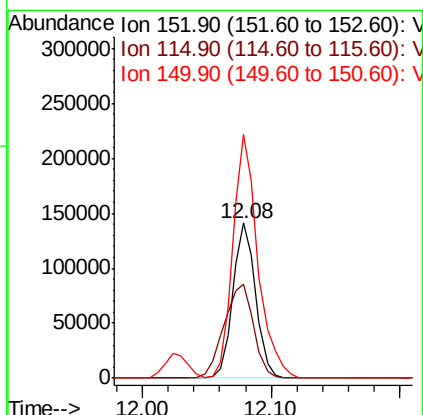
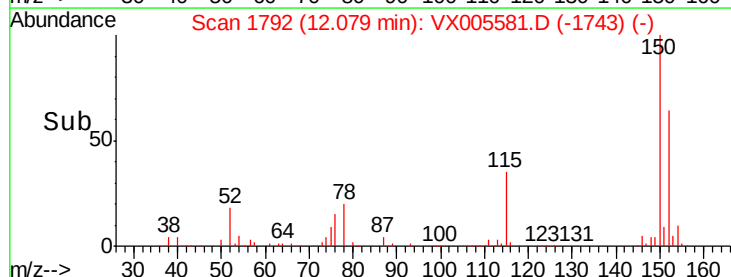
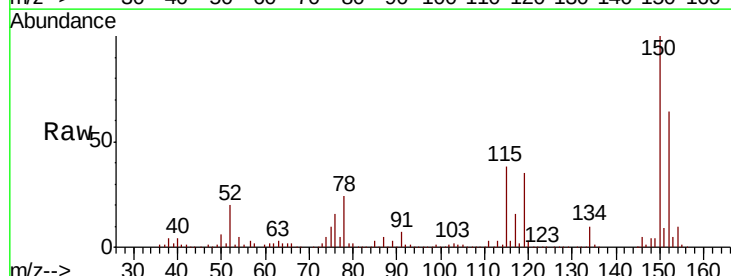
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

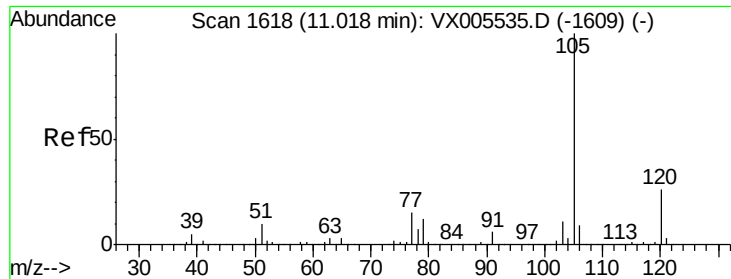
Tot Ion:173 Resp: 101865
Ion Ratio Lower Upper
173 100
175 48.6 24.8 74.3
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005581.D
Acq: 25 Oct 2018 11:17

Tgt Ion:152 Resp: 173561
Ion Ratio Lower Upper
152 100
115 79.2 39.4 118.1
150 172.5 0.0 346.4





#73

Isopropylbenzene

Concen: 52.042 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

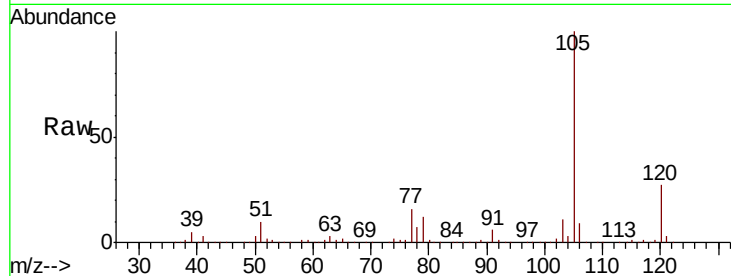
VSTDCCC050

Tot Ion:105 Resp: 552141

Ion Ratio Lower Upper

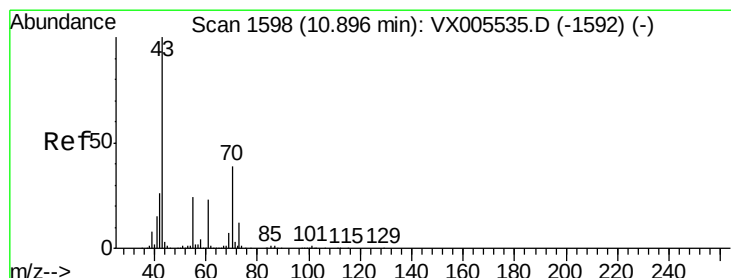
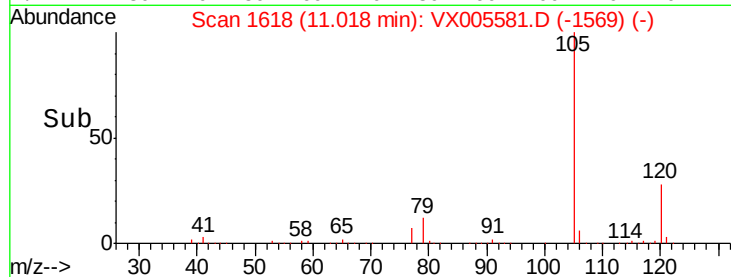
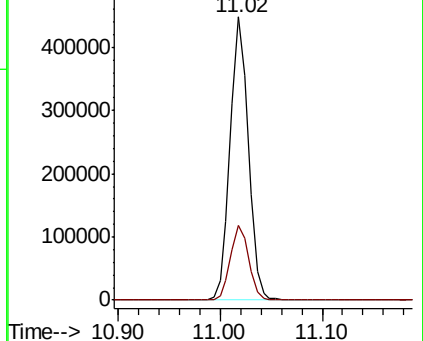
105 100

120 26.7 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.798 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Tgt Ion: 43 Resp: 267047

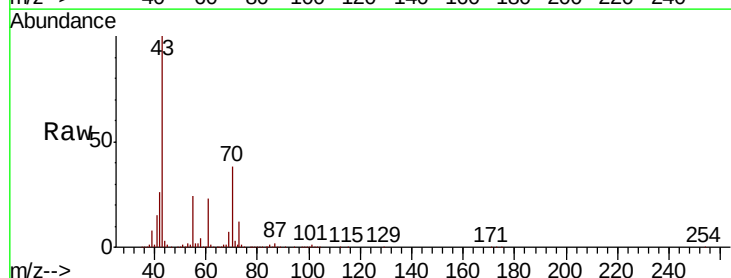
Ion Ratio Lower Upper

43 100

70 39.7 31.6 47.4

55 25.0 19.7 29.5

61 23.2 18.3 27.5

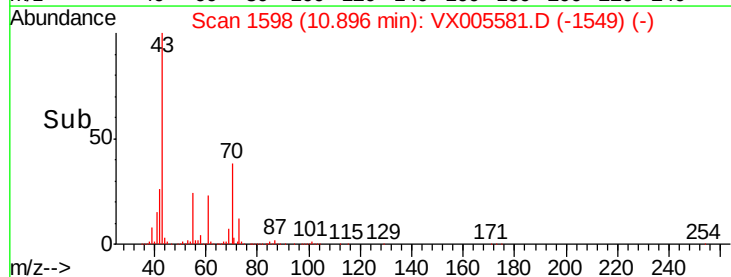
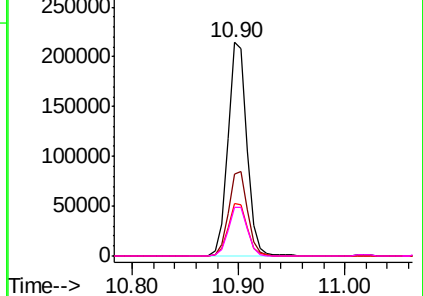


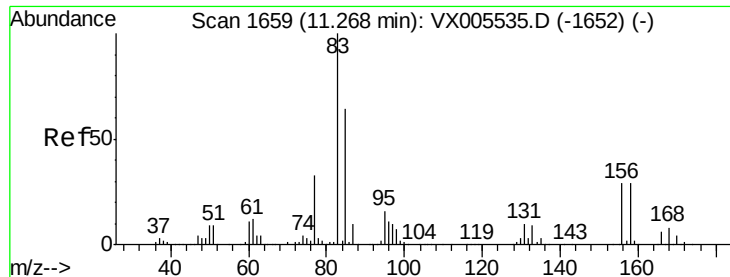
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.265 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

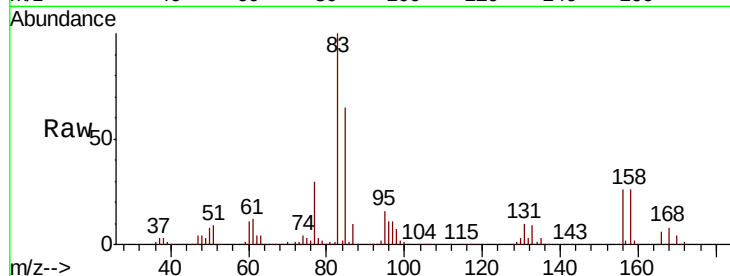
Tot Ion: 83 Resp: 185003

Ion Ratio Lower Upper

83 100

131 10.6 5.3 15.9

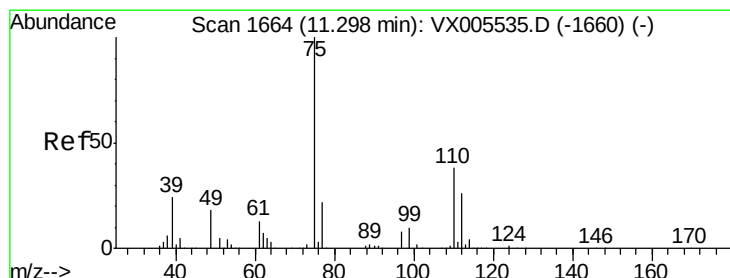
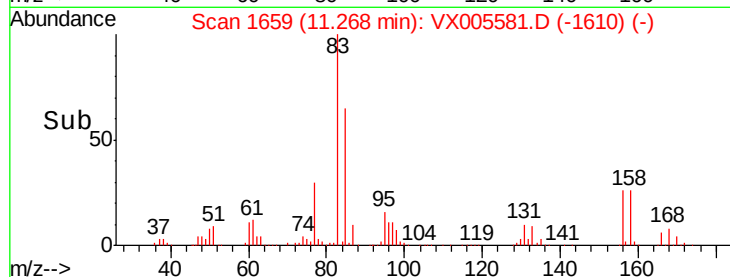
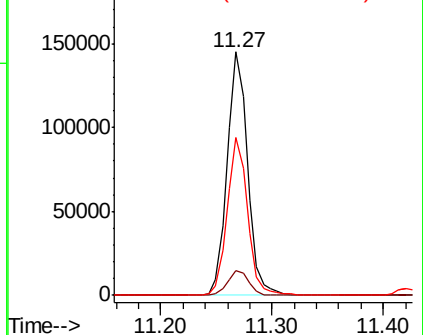
85 64.6 32.0 96.2



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: 61.495 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005581.D

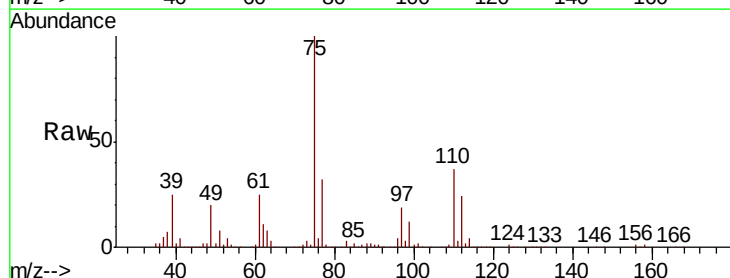
Acq: 25 Oct 2018 11:17

Tgt Ion: 75 Resp: 226139

Ion Ratio Lower Upper

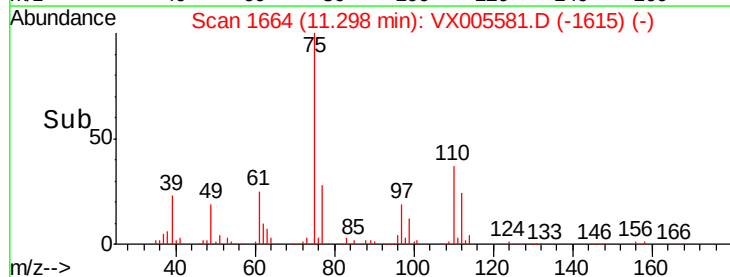
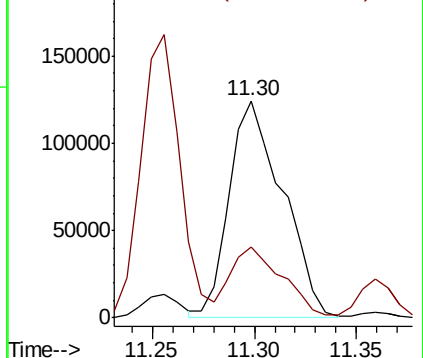
75 100

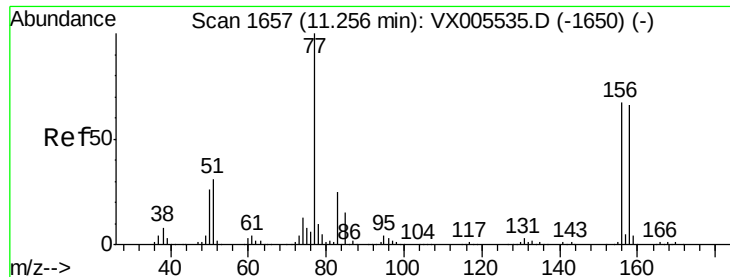
77 31.4 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.453 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

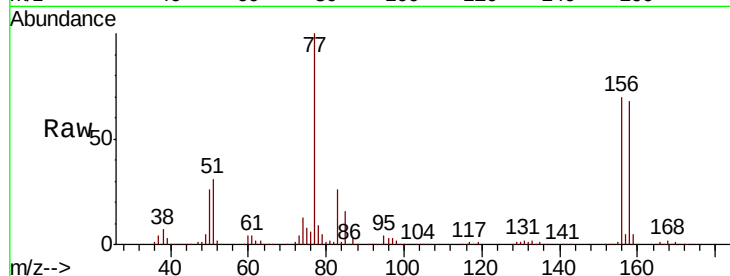
Tot Ion:156 Resp: 146222

Ion Ratio Lower Upper

156 100

77 147.5 74.8 224.4

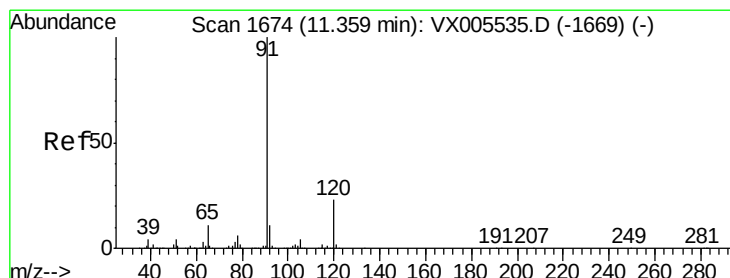
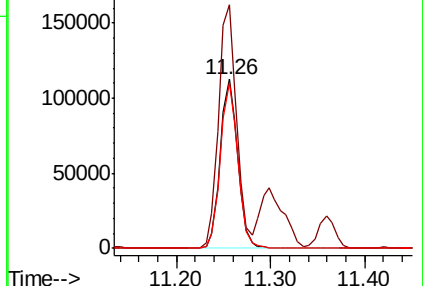
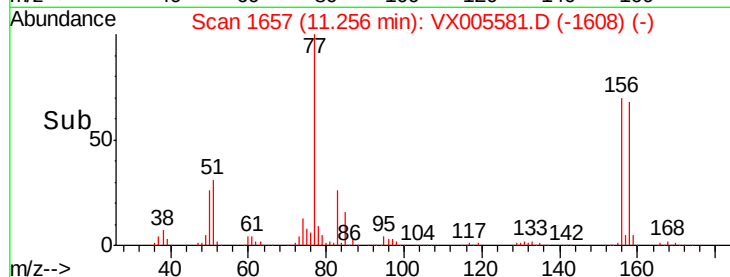
158 97.2 49.1 147.3



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: 53.986 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005581.D

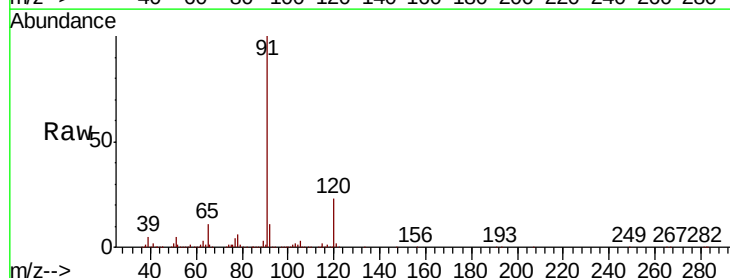
Acq: 25 Oct 2018 11:17

Tgt Ion: 91 Resp: 654930

Ion Ratio Lower Upper

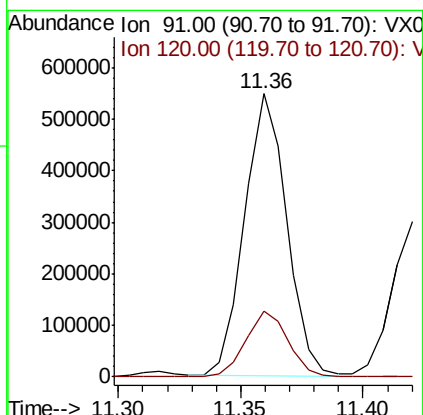
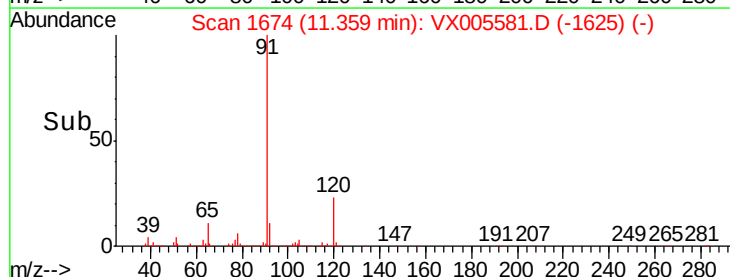
91 100

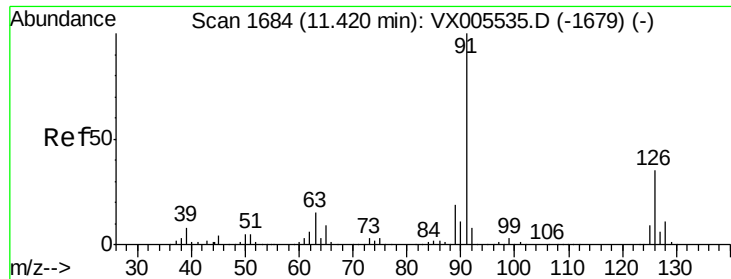
120 23.6 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.568 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

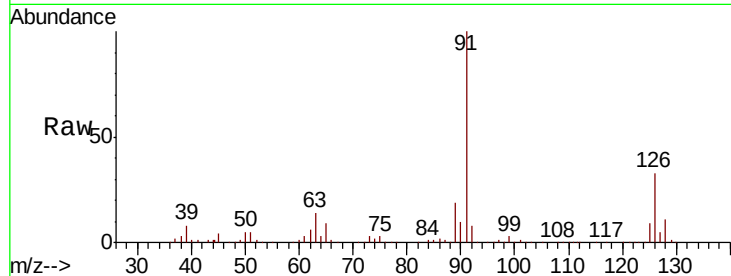
VSTDCCC050

Tot Ion: 91 Resp: 380365

Ion Ratio Lower Upper

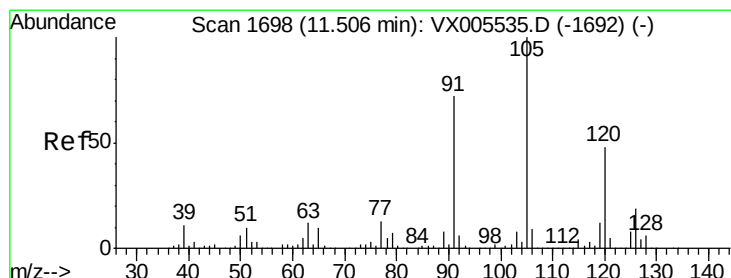
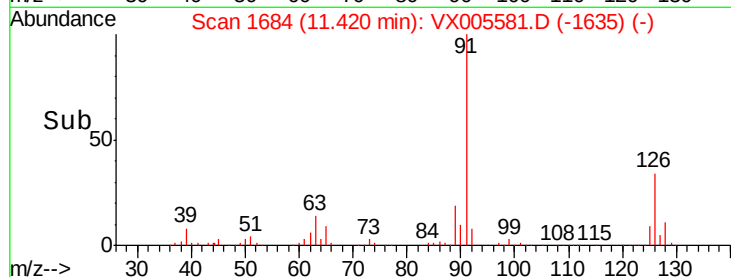
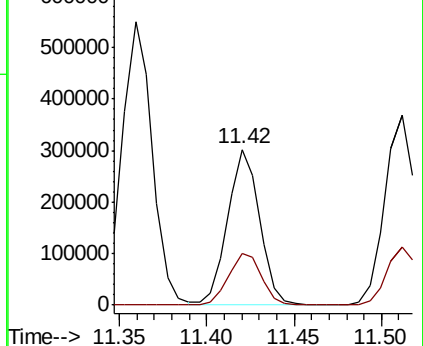
91 100

126 34.9 17.3 52.0



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: 53.247 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005581.D

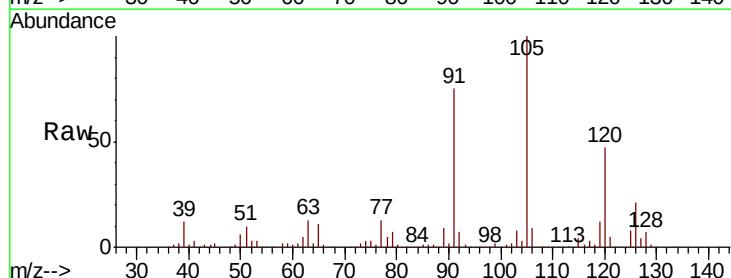
Acq: 25 Oct 2018 11:17

Tgt Ion:105 Resp: 483261

Ion Ratio Lower Upper

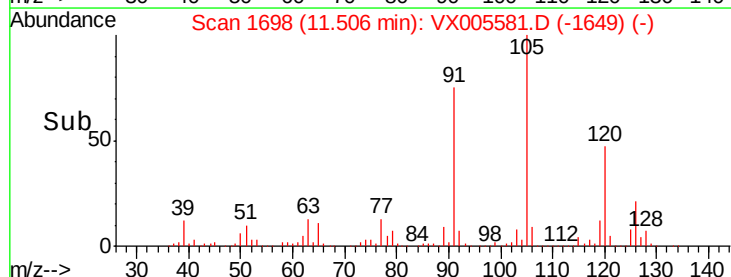
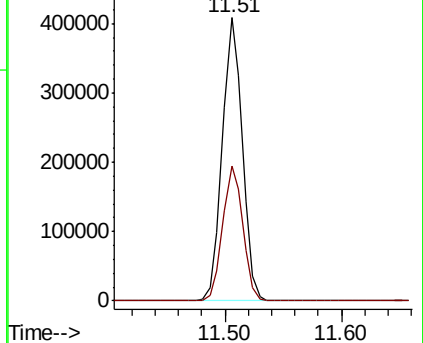
105 100

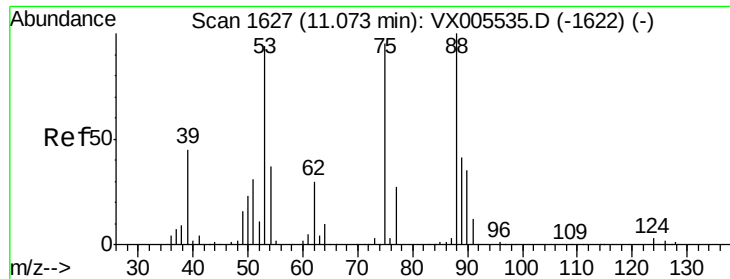
120 48.1 24.1 72.2



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: 51.307 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

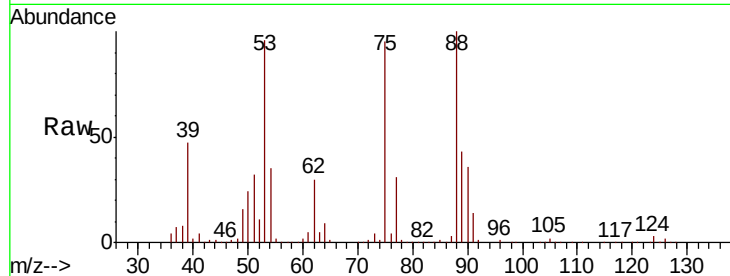
Tot Ion: 75 Resp: 57742

Ion Ratio Lower Upper

75 100

53 100.0 80.2 120.2

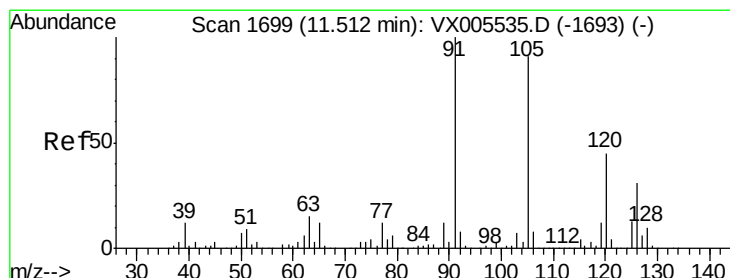
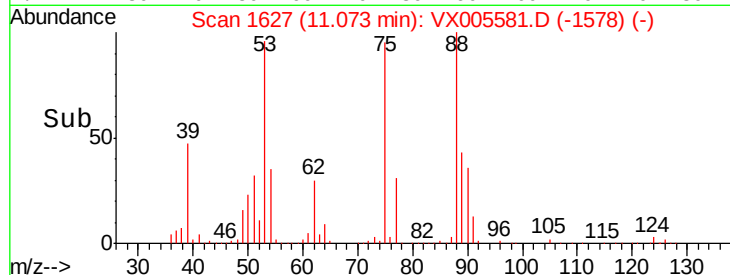
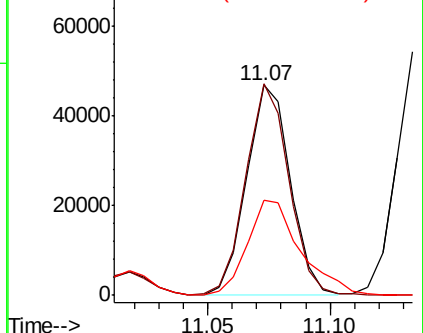
89 55.4 39.8 59.8



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: 51.562 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005581.D

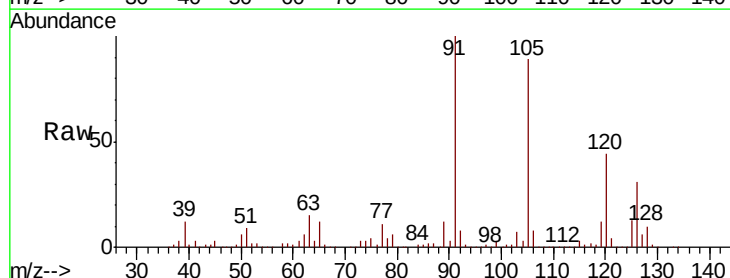
Acq: 25 Oct 2018 11:17

Tgt Ion: 91 Resp: 457332

Ion Ratio Lower Upper

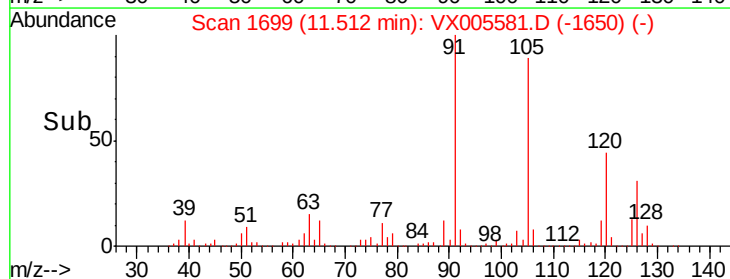
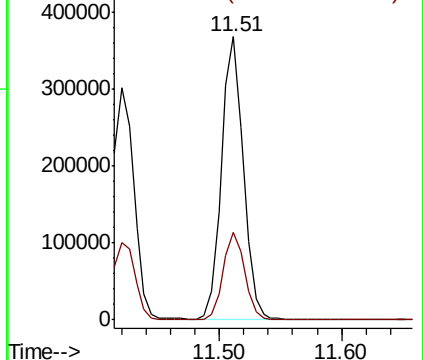
91 100

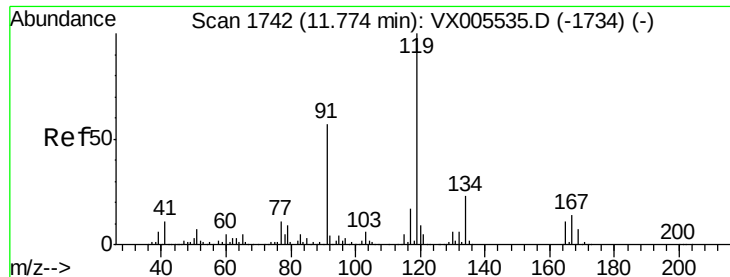
126 30.6 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

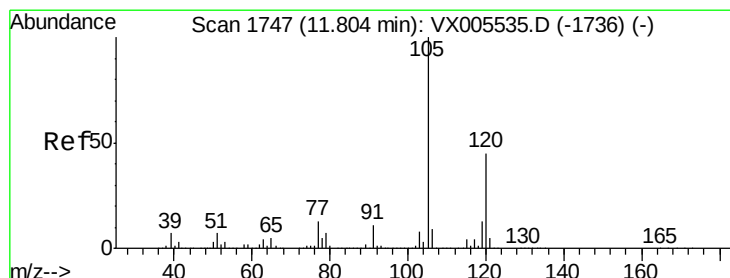
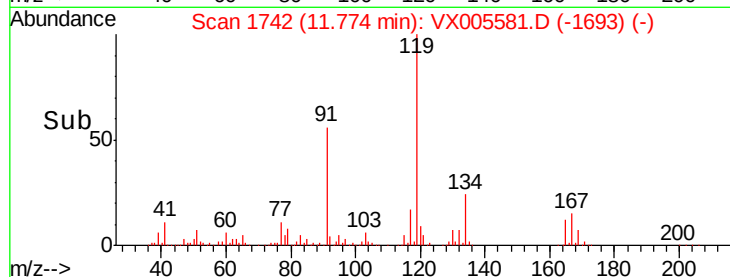
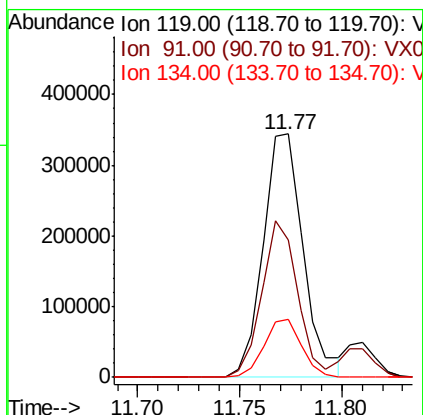
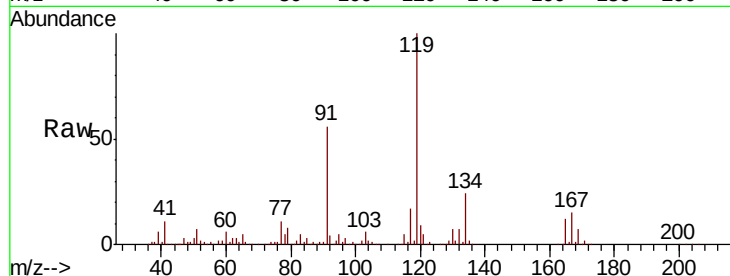




#83
tert-Butylbenzene
Concen: 52.318 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX005581.D
Acq: 25 Oct 2018 11:17

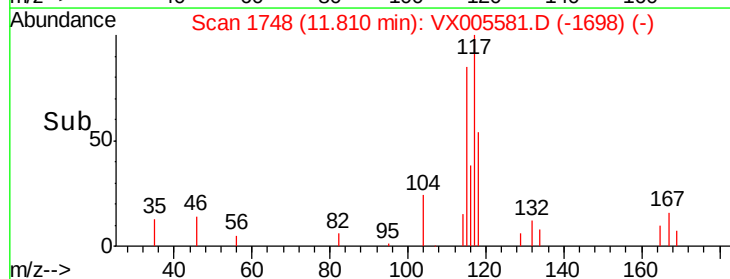
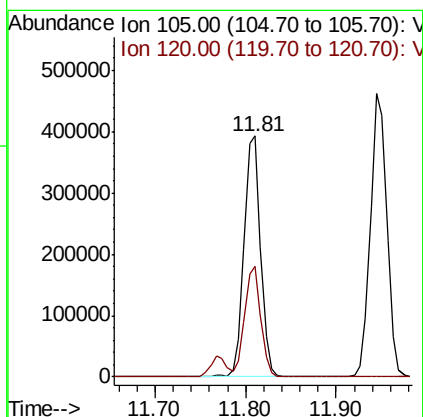
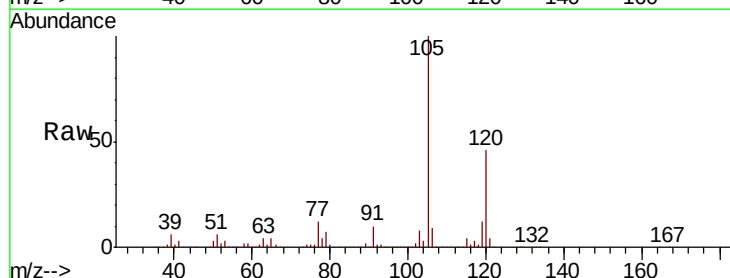
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

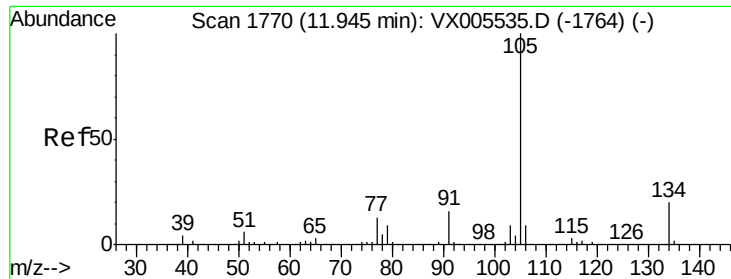
Tot Ion:119 Resp: 473313
Ion Ratio Lower Upper
119 100
91 57.1 28.5 85.5
134 22.4 11.3 33.8



#84
1,2,4-Trimethylbenzene
Concen: 54.040 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VX005581.D
Acq: 25 Oct 2018 11:17

Tgt Ion:105 Resp: 497078
Ion Ratio Lower Upper
105 100
120 44.4 22.4 67.0





#85

sec-Butylbenzene

Concen: 53.765 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

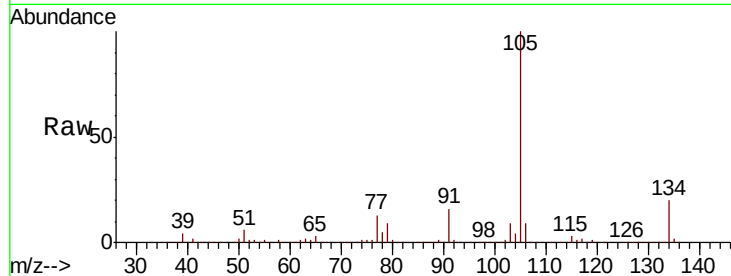
VSTDCCC050

Tot Ion:105 Resp: 580404

Ion Ratio Lower Upper

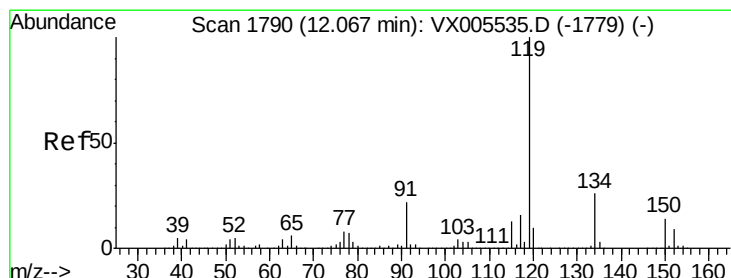
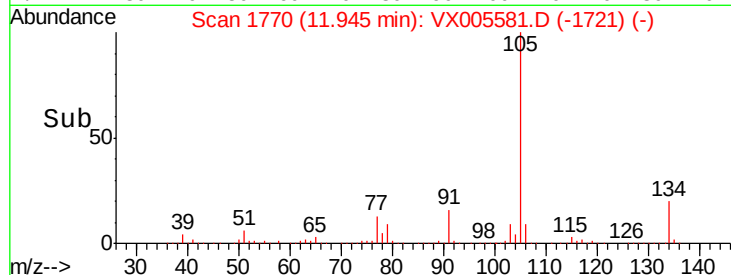
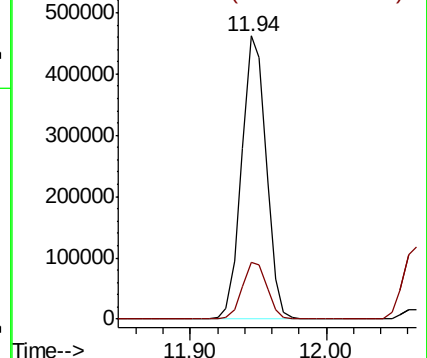
105 100

134 20.3 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: 54.528 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

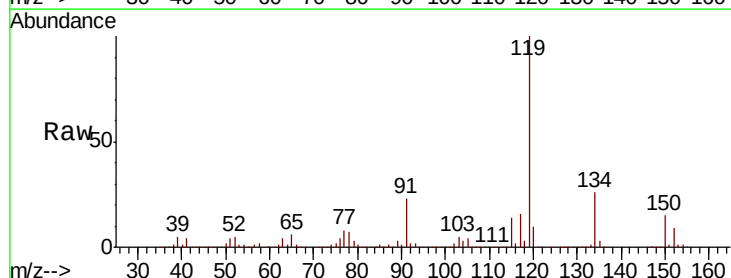
Tgt Ion:119 Resp: 526212

Ion Ratio Lower Upper

119 100

134 26.4 13.0 39.0

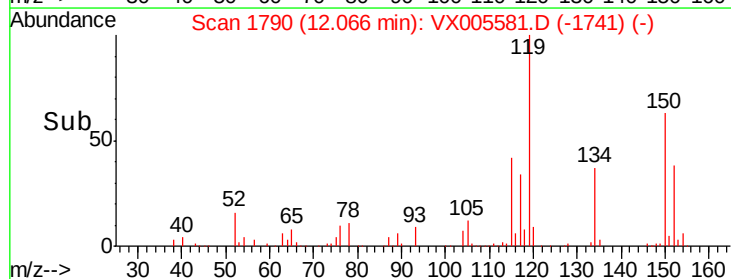
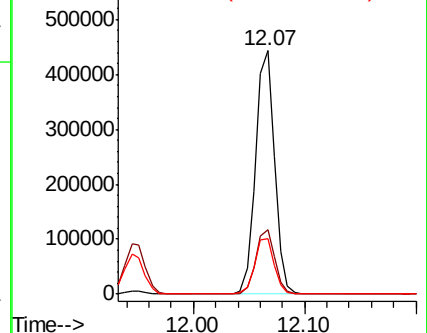
91 23.3 11.4 34.2

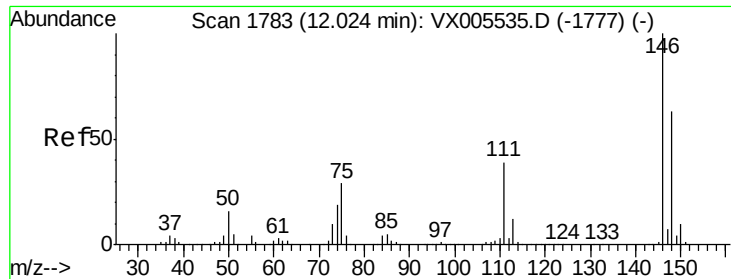


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

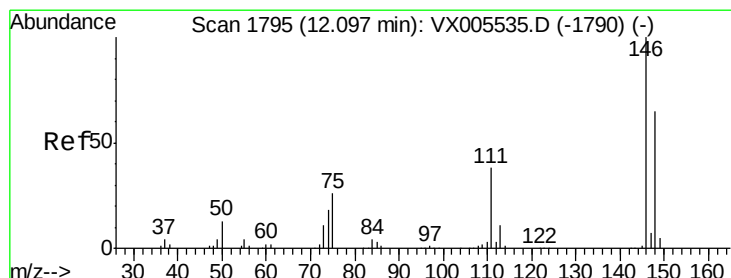
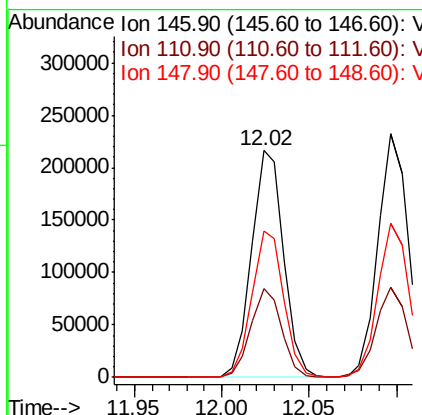
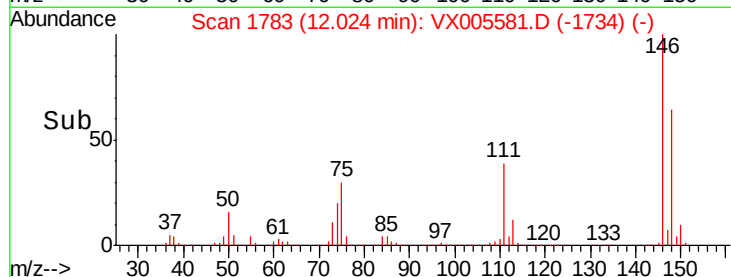
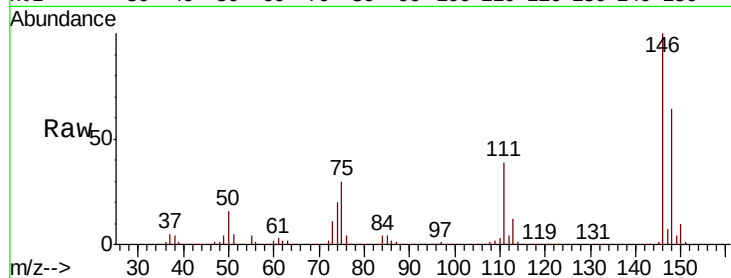




#87
 1,3-Dichlorobenzene
 Concen: 49.933 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005581.D
 Acq: 25 Oct 2018 11:17

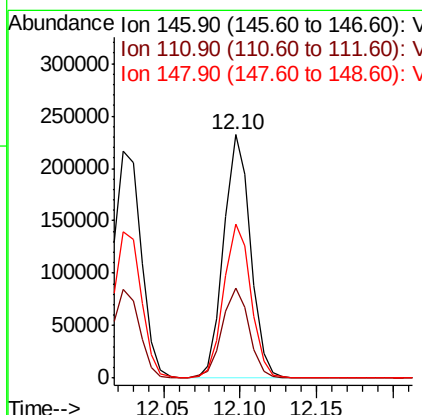
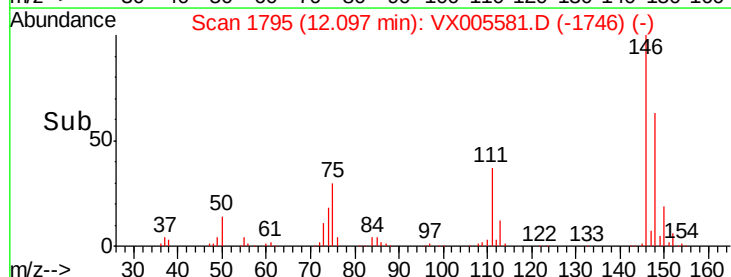
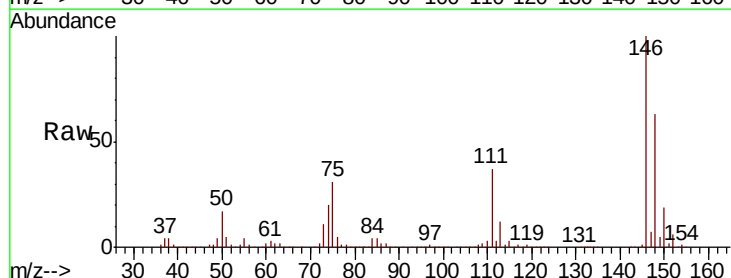
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

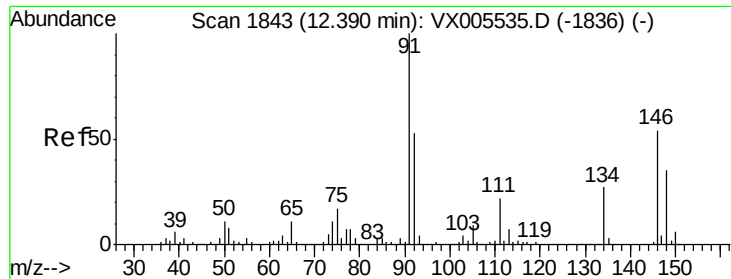
Tot Ion:146 Resp: 277630
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.0 57.0
 148 64.0 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 48.454 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005581.D
 Acq: 25 Oct 2018 11:17

Tgt Ion:146 Resp: 281217
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.6 55.8
 148 64.7 32.1 96.3

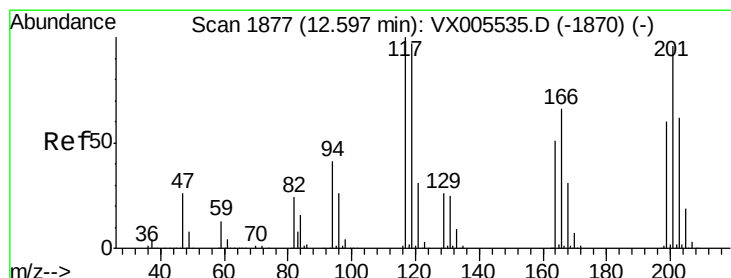
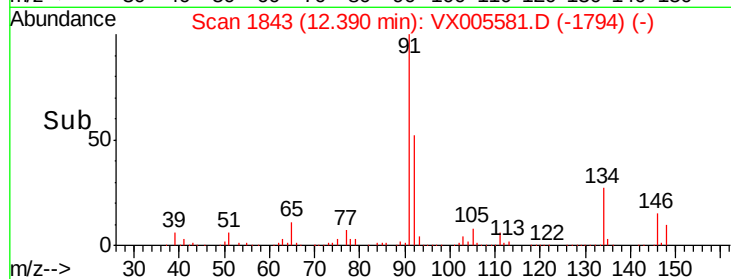
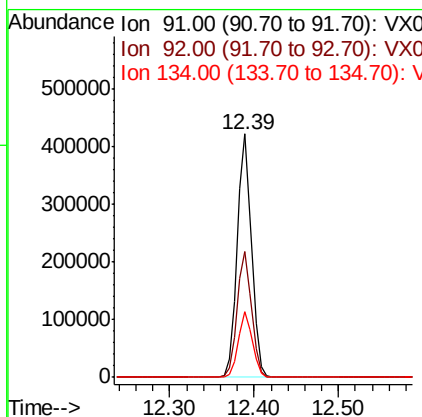
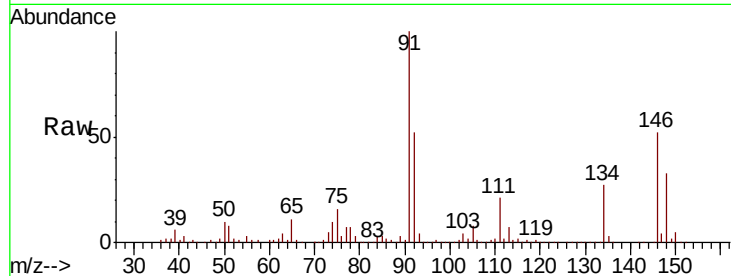




#89
n-Butylbenzene
Concen: 55.116 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005581.D
Acq: 25 Oct 2018 11:17

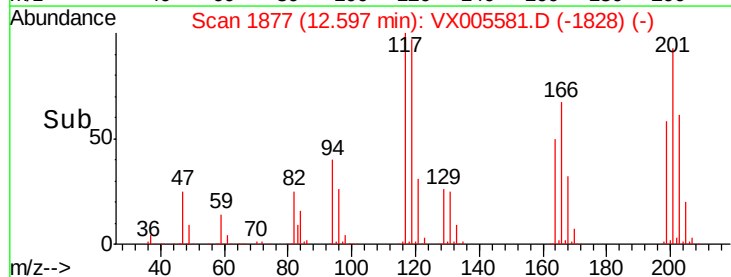
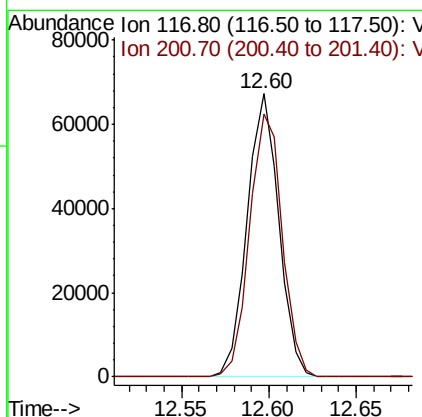
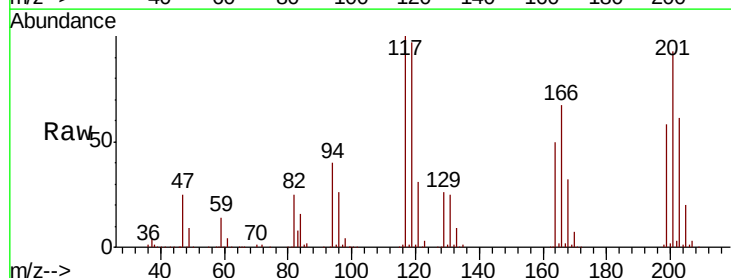
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

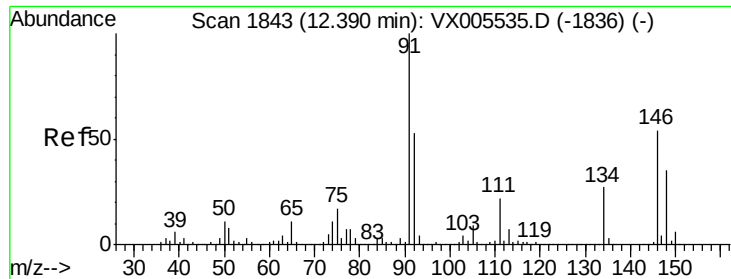
Tot Ion: 91 Resp: 480168
Ion Ratio Lower Upper
91 100
92 51.9 26.1 78.2
134 26.4 13.1 39.3



#90
Hexachloroethane
Concen: 50.822 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005581.D
Acq: 25 Oct 2018 11:17

Tgt Ion: 117 Resp: 84589
Ion Ratio Lower Upper
117 100
201 96.0 47.9 143.6

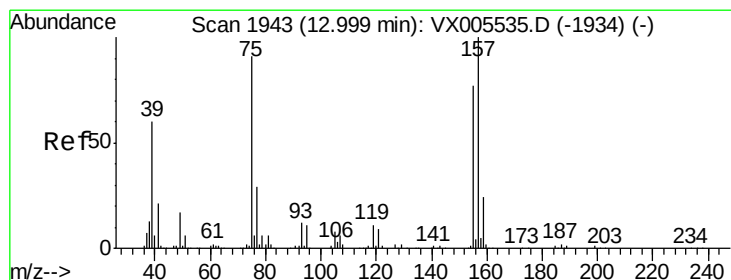
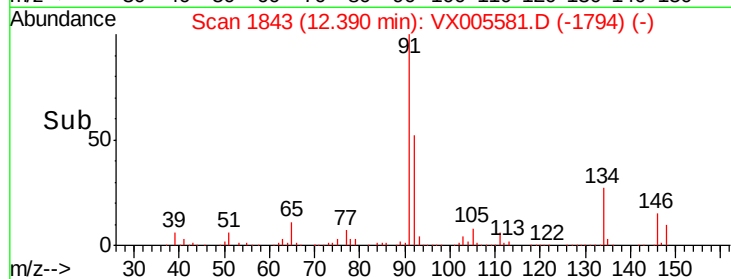
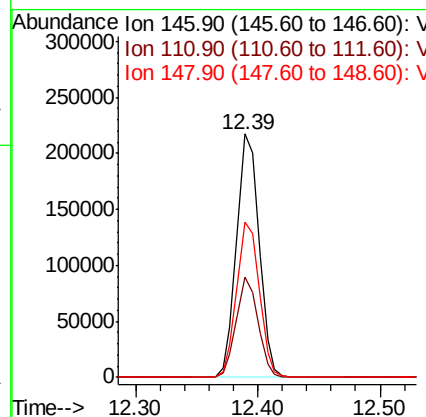
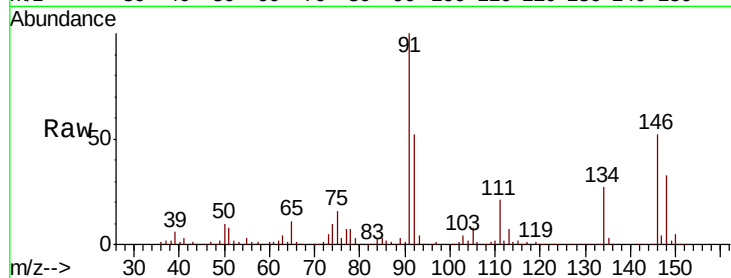




#91
 1,2-Dichlorobenzene
 Concen: 48.994 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005581.D
 Acq: 25 Oct 2018 11:17

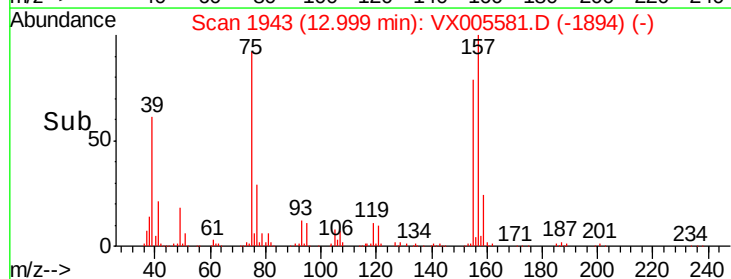
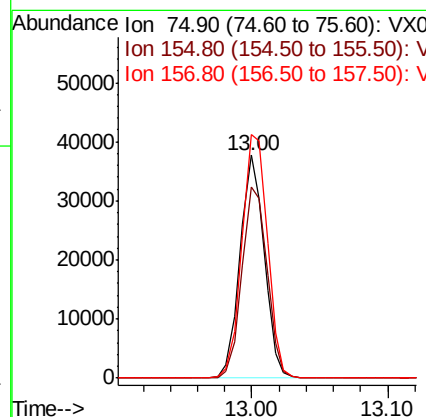
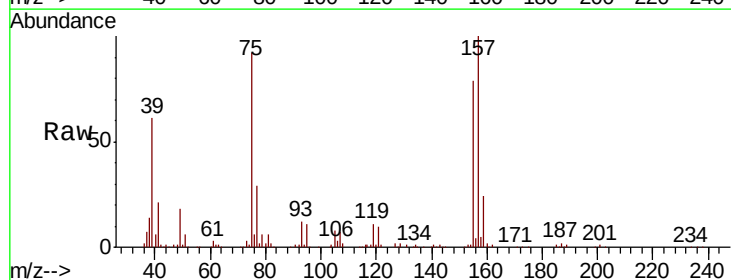
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

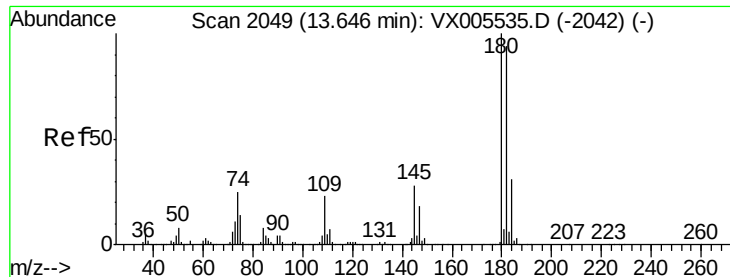
Tot Ion:146 Resp: 275610
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.0 59.9
 148 64.4 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.415 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005581.D
 Acq: 25 Oct 2018 11:17

Tgt Ion: 75 Resp: 46767
 Ion Ratio Lower Upper
 75 100
 155 89.2 45.4 136.1
 157 115.3 57.4 172.0





#93

1,2,4-Trichlorobenzene

Concen: 52.461 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

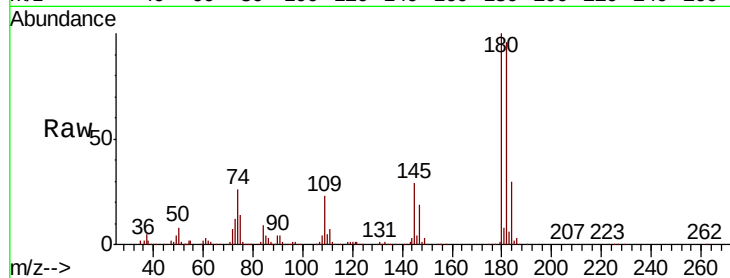
Tot Ion:180 Resp: 213924

Ion Ratio Lower Upper

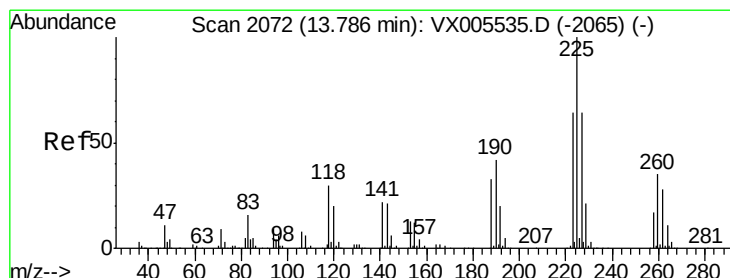
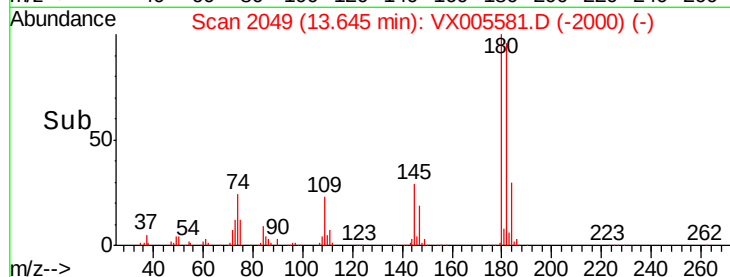
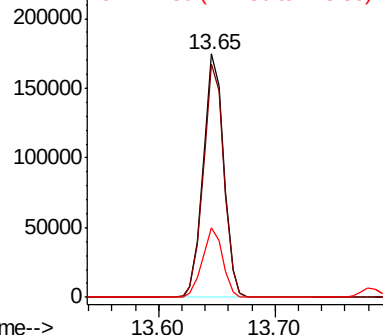
180 100

182 96.2 47.6 142.8

145 28.3 14.1 42.2



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 52.147 ug/l

RT: 13.79 min Scan# 2072

Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

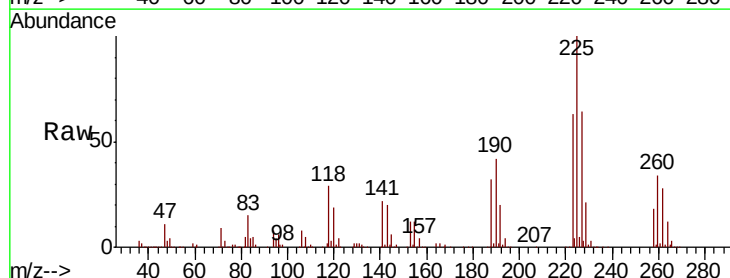
Tgt Ion:225 Resp: 110198

Ion Ratio Lower Upper

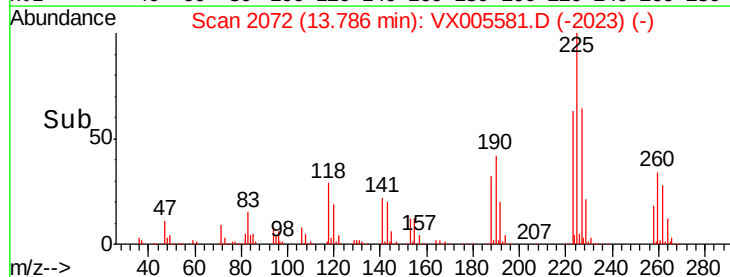
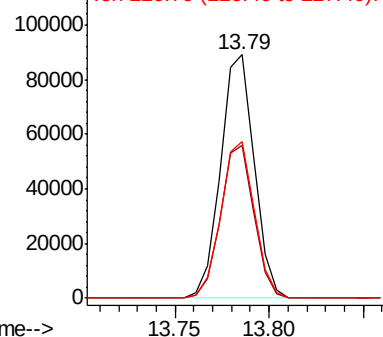
225 100

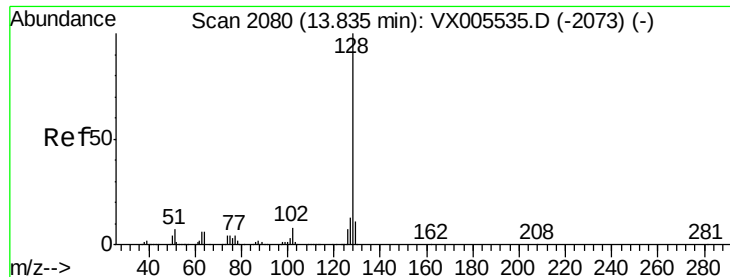
223 62.3 31.7 95.1

227 64.1 32.3 96.9



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 53.644 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

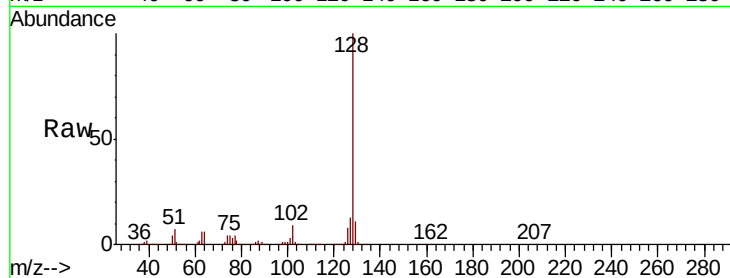
Tot Ion:128 Resp: 635860

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

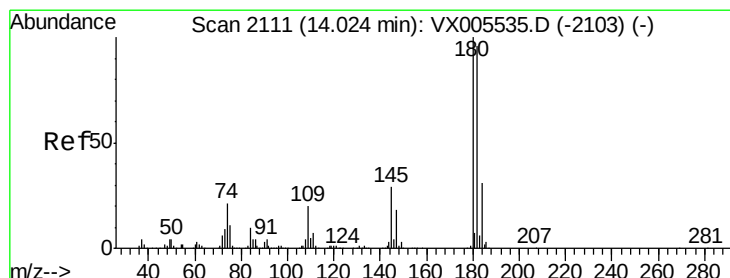
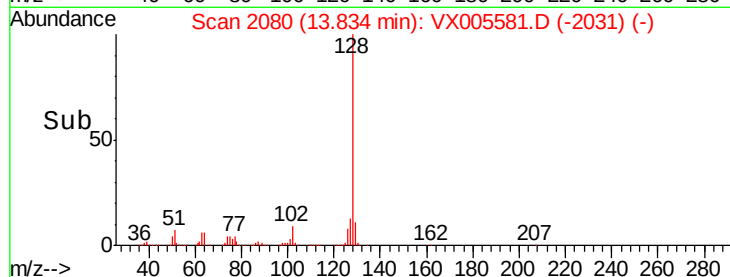
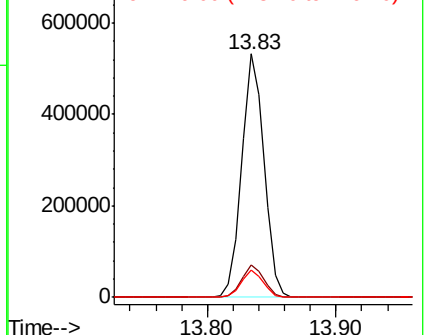
129 10.9 8.7 13.1



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: 52.590 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005581.D

Acq: 25 Oct 2018 11:17

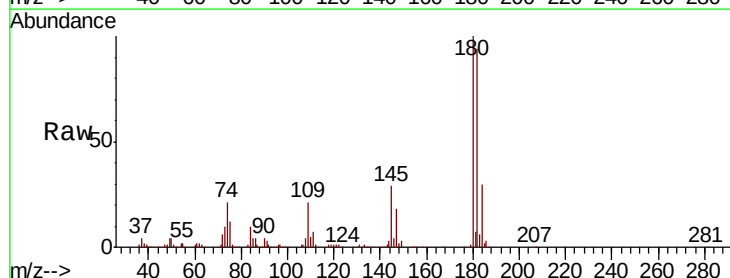
Tgt Ion:180 Resp: 217389

Ion Ratio Lower Upper

180 100

182 94.7 48.0 144.2

145 29.9 15.1 45.3



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

