

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX004968.D
 Acq On : 03 Oct 2018 14:46
 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 04 01:21:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	277249	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	399354	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	376328	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	233411	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	177823	44.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.80%	
35) Dibromofluoromethane	5.50	113	149516	44.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.36%	
50) Toluene-d8	8.71	98	573618	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
62) 4-Bromofluorobenzene	11.14	95	215671	53.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.40%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	195727	51.777	ug/l	97
3) Chloromethane	1.32	50	204290	44.544	ug/l	99
4) Vinyl Chloride	1.40	62	209828	48.780	ug/l	99
5) Bromomethane	1.64	94	132626	51.995	ug/l	94
6) Chloroethane	1.71	64	121107	51.743	ug/l	97
7) Trichlorofluoromethane	1.92	101	271570	50.997	ug/l	93
8) Diethyl Ether	2.19	74	112270	48.530	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	161210	53.145	ug/l	99
10) Methyl Iodide	2.50	142	160810	39.616	ug/l	93
11) Tert butyl alcohol	3.08	59	257680	232.690	ug/l	99
12) 1,1-Dichloroethene	2.37	96	146602	48.801	ug/l	98
13) Acrolein	2.29	56	130096	165.116	ug/l	92
14) Allyl chloride	2.72	41	327517	49.967	ug/l	96
15) Acrylonitrile	3.15	53	598830	245.644	ug/l	96
16) Acetone	2.45	43	564160	243.991	ug/l	91
17) Carbon Disulfide	2.56	76	399312	44.236	ug/l	98
18) Methyl Acetate	2.78	43	327066	55.830	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	544633	52.560	ug/l	97
20) Methylene Chloride	2.85	84	171296	50.969	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	158977	48.343	ug/l	85
22) Diisopropyl ether	3.87	45	563584	51.061	ug/l	95
23) Vinyl Acetate	3.82	43	2453391	242.832	ug/l	99
24) 1,1-Dichloroethane	3.69	63	316244	48.032	ug/l	100
25) 2-Butanone	4.70	43	824380	241.876	ug/l	98
26) 2,2-Dichloropropane	4.58	77	241636	52.704	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	177541	48.328	ug/l	95
28) Bromochloromethane	5.01	49	136456	44.011	ug/l	100
29) Tetrahydrofuran	5.15	42	524961	247.814	ug/l	99
30) Chloroform	5.21	83	289264	46.487	ug/l	99
31) Cyclohexane	5.57	56	272779	54.132	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	247056	48.616	ug/l	95
36) 1,1-Dichloropropene	5.79	75	219919	47.624	ug/l	95
37) Ethyl Acetate	4.85	43	286643	46.763	ug/l	99
38) Carbon Tetrachloride	5.78	117	213646	44.013	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	277227	58.793	ug/l	# 86
40) Benzene	6.14	78	663549	45.898	ug/l	94
41) Methacrylonitrile	5.06	41	160309	47.158	ug/l	97
42) 1,2-Dichloroethane	6.20	62	228148	44.641	ug/l	98
43) Isopropyl Acetate	6.46	43	433194	48.963	ug/l	95
44) Trichloroethene	7.21	130	182961	51.481	ug/l	99
45) 1,2-Dichloropropane	7.52	63	178387	50.316	ug/l	99
46) Dibromomethane	7.66	93	113721	51.040	ug/l	99
47) Bromodichloromethane	7.90	83	212404	50.917	ug/l	98
48) Methyl methacrylate	7.77	41	225765	56.221	ug/l	98
49) 1,4-Dioxane	7.76	88	96506	967.337	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1520863	273.013	ug/l	98
52) Toluene	8.79	92	416329	52.409	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	252383	53.539	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	273267	55.344	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	171559	49.303	ug/l	96
56) Ethyl methacrylate	9.18	69	280642	49.718	ug/l	96
57) 1,3-Dichloropropane	9.37	76	291527	50.339	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	749117	249.861	ug/l	99
59) 2-Hexanone	9.50	43	1225109	263.910	ug/l	97
60) Dibromochloromethane	9.59	129	174530	50.153	ug/l	98
61) 1,2-Dibromoethane	9.67	107	180857	48.532	ug/l	97
64) Tetrachloroethene	9.34	164	184664	49.857	ug/l	96
65) Chlorobenzene	10.14	112	470263	48.731	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	167552	49.388	ug/l	98
67) Ethyl Benzene	10.26	91	801612	52.322	ug/l	97
68) m/p-Xylenes	10.36	106	626818	104.698	ug/l	95
69) o-Xylene	10.70	106	300542	54.654	ug/l	99
70) Styrene	10.71	104	509145	49.526	ug/l	100
71) Bromoform	10.86	173	142496	49.061	ug/l	96
73) Isopropylbenzene	11.02	105	816069	55.469	ug/l	99
74) N-amyl acetate	10.90	43	388111	48.065	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	283985	47.419	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	330701	63.212	ug/l	86
77) Bromobenzene	11.26	156	215489	50.427	ug/l	100
78) n-propylbenzene	11.36	91	944135	55.930	ug/l	100
79) 2-Chlorotoluene	11.42	91	560643	53.283	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	698338	51.796	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	86152	45.116	ug/l	97
82) 4-Chlorotoluene	11.51	91	664972	53.693	ug/l	100
83) tert-Butylbenzene	11.77	119	684207	56.485	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	718700	51.690	ug/l	100
85) sec-Butylbenzene	11.94	105	835194	56.608	ug/l	100
86) p-Isopropyltoluene	12.07	119	759991	56.855	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	401656	50.336	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	409458	49.709	ug/l	99
89) n-Butylbenzene	12.39	91	691336	56.947	ug/l	99
90) Hexachloroethane	12.60	117	111657	50.169	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	406229	48.715	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	64278	48.882	ug/l	98

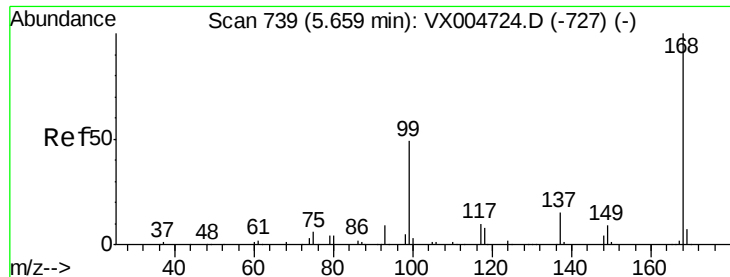
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	318301	54.414	ug/l	100
94) Hexachlorobutadiene	13.79	225	156993	51.756	ug/l	99
95) Naphthalene	13.83	128	987216	50.836	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	321479	53.201	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

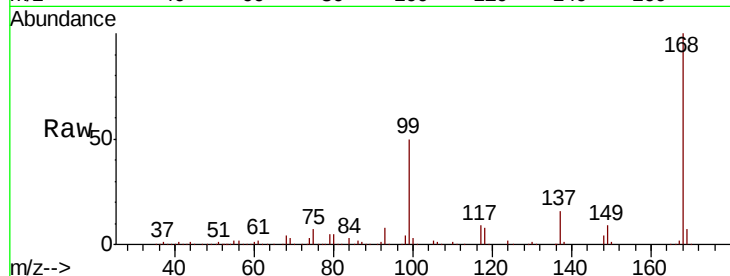
VSTDCCC050

Tot Ion:168 Resp: 277249

Ion Ratio Lower Upper

168 100

99 50.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

60000

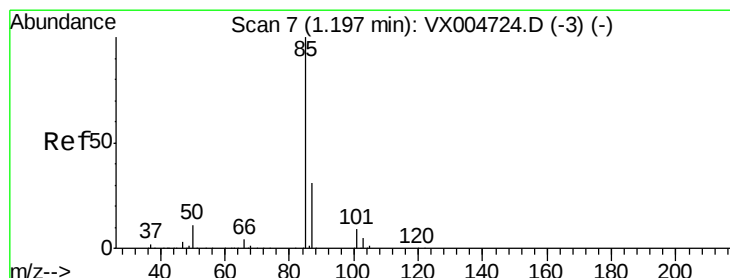
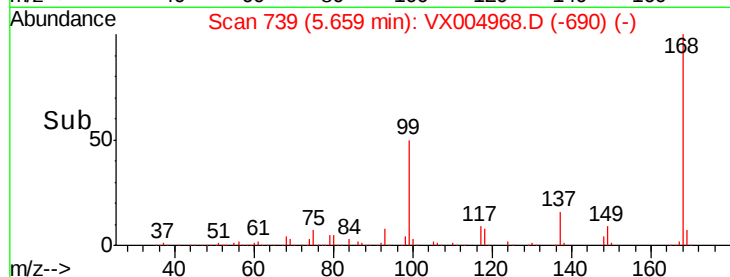
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 51.777 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX004968.D

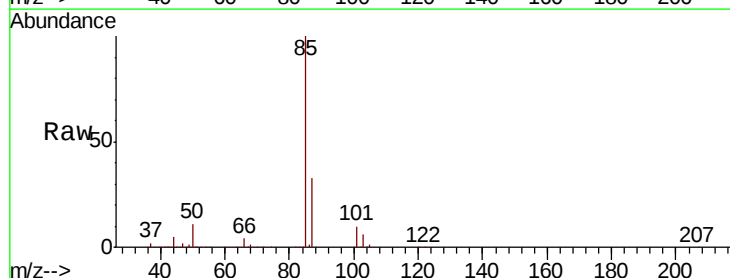
Acq: 03 Oct 2018 14:46

Tgt Ion: 85 Resp: 195727

Ion Ratio Lower Upper

85 100

87 33.1 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

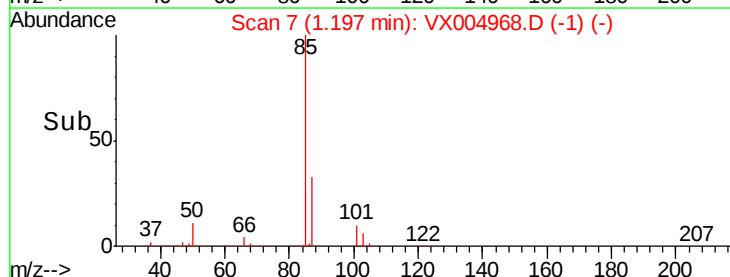
100000

50000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 44.544 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

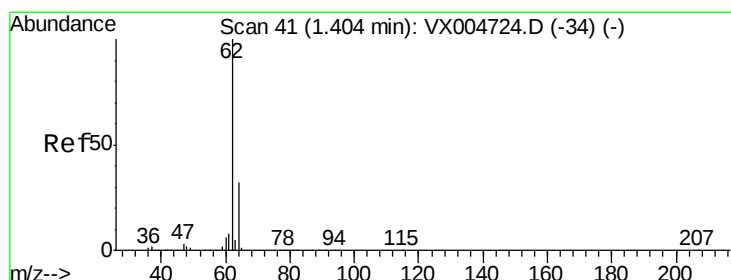
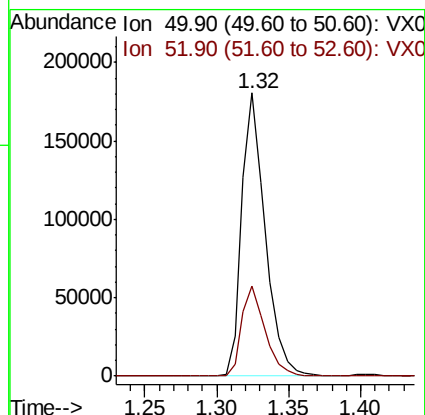
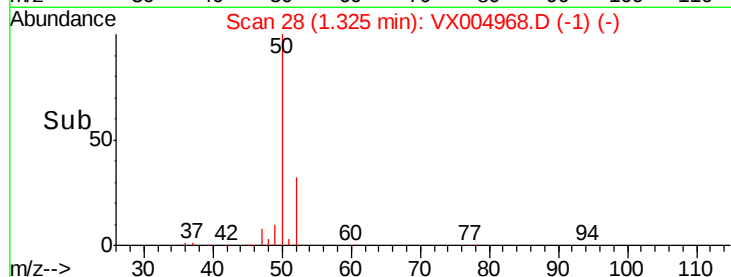
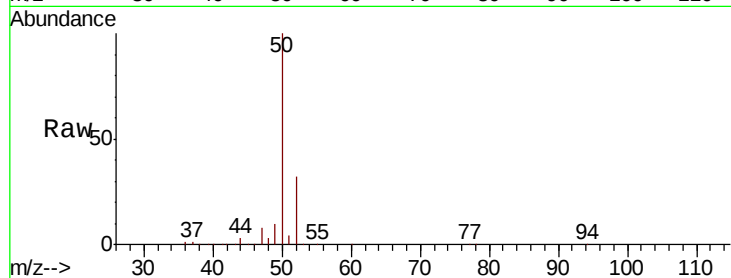
VSTDCCC050

Tot Ion: 50 Resp: 204290

Ion Ratio Lower Upper

50 100

52 31.9 25.8 38.6



#4

Vinyl Chloride

Concen: 48.780 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004968.D

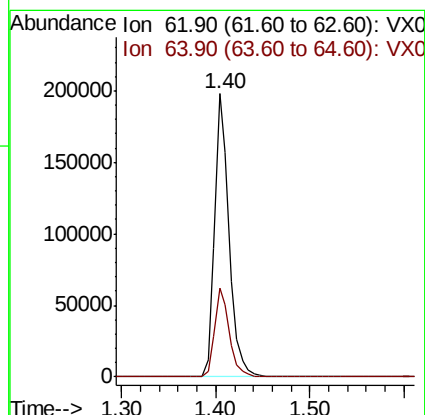
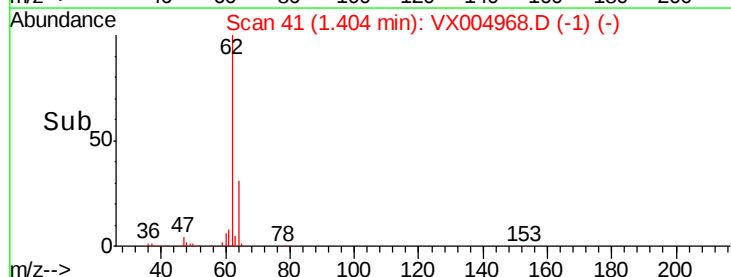
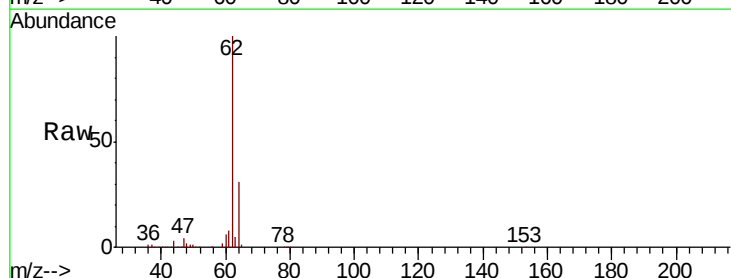
Acq: 03 Oct 2018 14:46

Tgt Ion: 62 Resp: 209828

Ion Ratio Lower Upper

62 100

64 31.4 25.5 38.3





#5

Bromomethane

Concen: 51.995 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

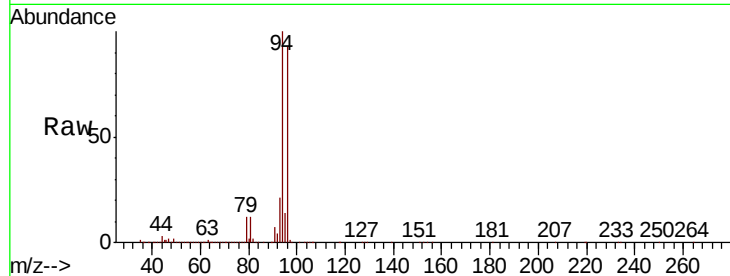
VSTDCCC050

Tot Ion: 94 Resp: 132626

Ion Ratio Lower Upper

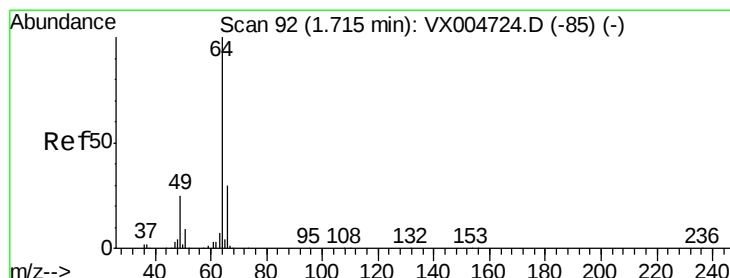
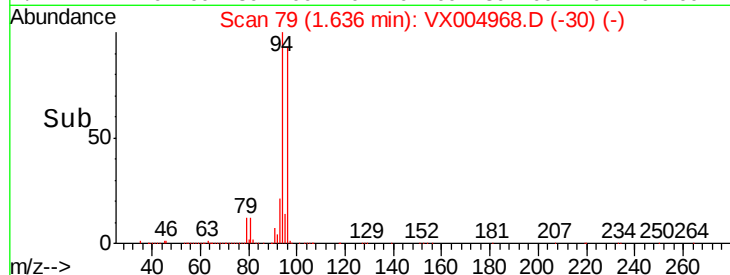
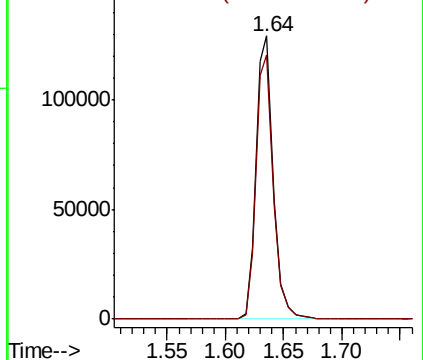
94 100

96 93.1 79.5 119.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.743 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX004968.D

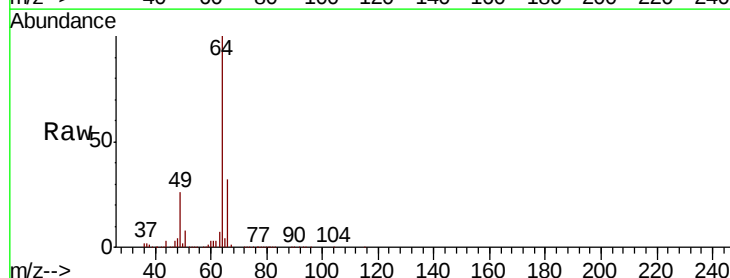
Acq: 03 Oct 2018 14:46

Tgt Ion: 64 Resp: 121107

Ion Ratio Lower Upper

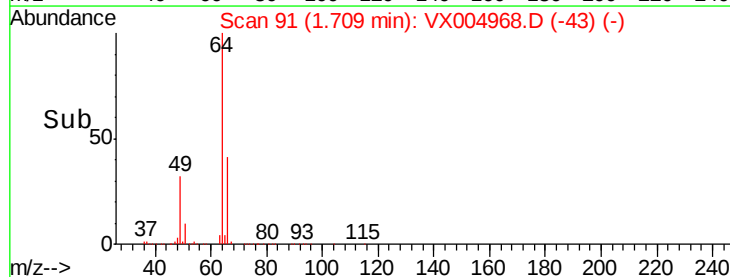
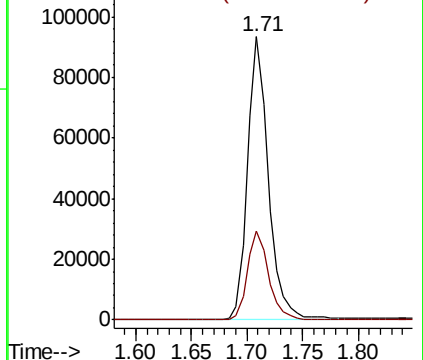
64 100

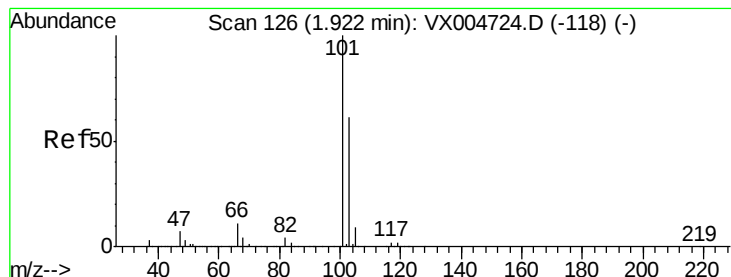
66 31.5 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



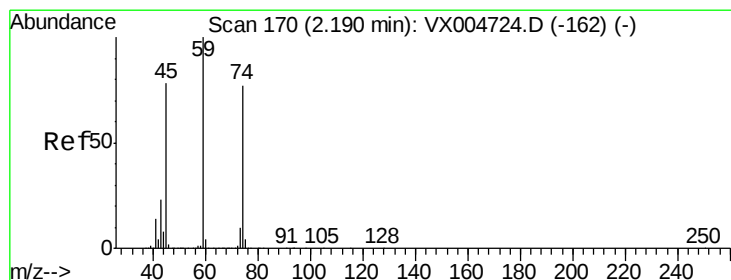
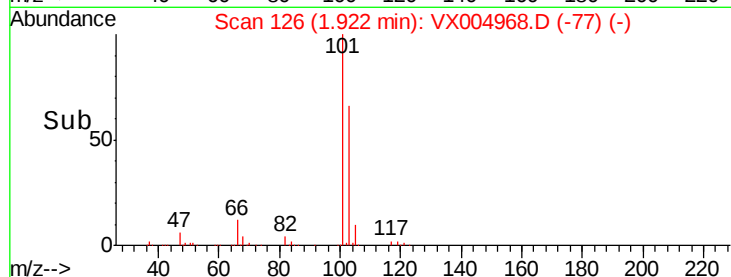
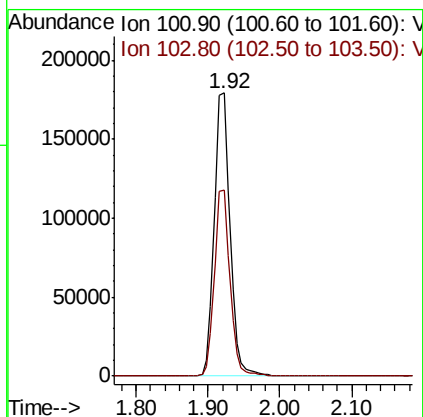
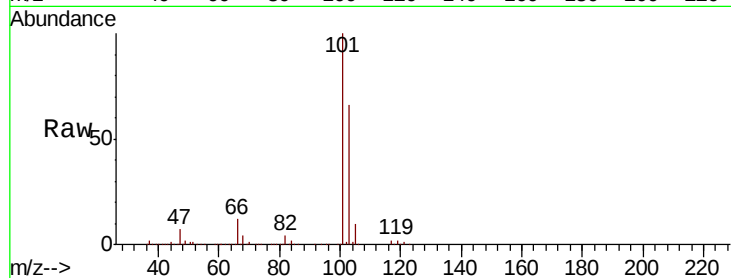


#7

Trichlorofluoromethane
 Concen: 50.997 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX004968.D
 Acq: 03 Oct 2018 14:46

Instrument :
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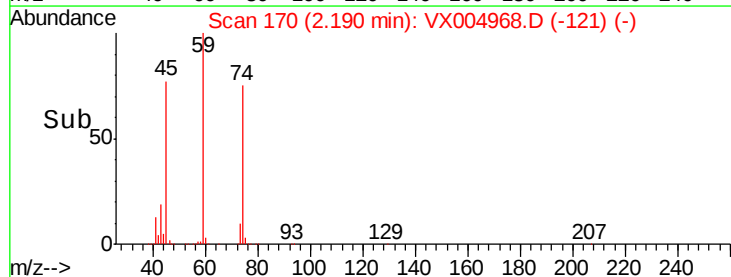
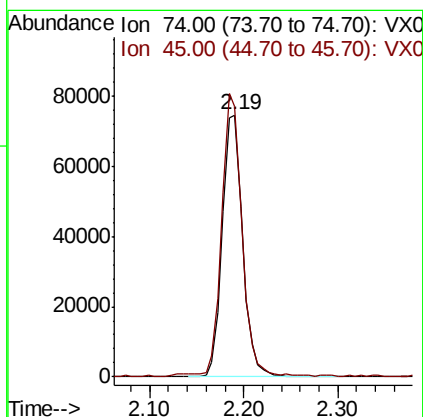
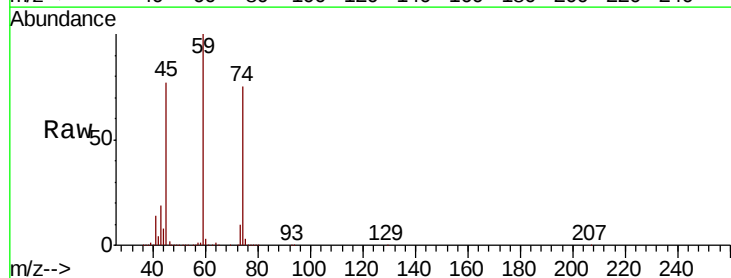
Tot Ion:101 Resp: 271570
 Ion Ratio Lower Upper
 101 100
 103 65.7 48.4 72.6



#8

Diethyl Ether
 Concen: 48.530 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX004968.D
 Acq: 03 Oct 2018 14:46

Tgt Ion: 74 Resp: 112270
 Ion Ratio Lower Upper
 74 100
 45 105.8 52.5 157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.145 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

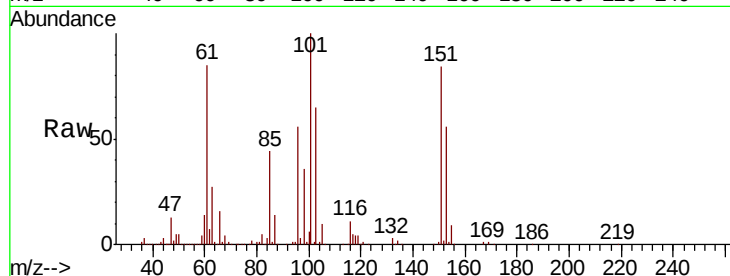
Tot Ion:101 Resp: 161210

Ion Ratio Lower Upper

101 100

85 43.7 35.9 53.9

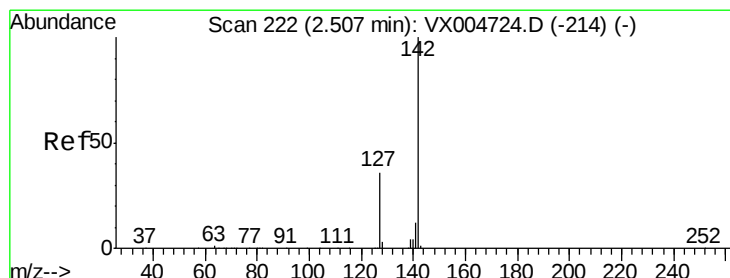
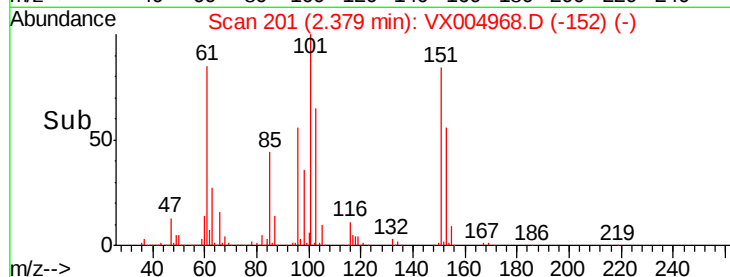
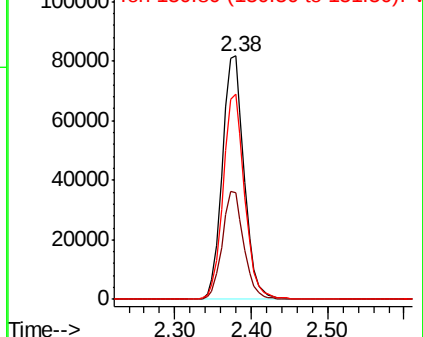
151 83.1 66.6 100.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 39.616 ug/l

RT: 2.50 min Scan# 221

Delta R.T. -0.01 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

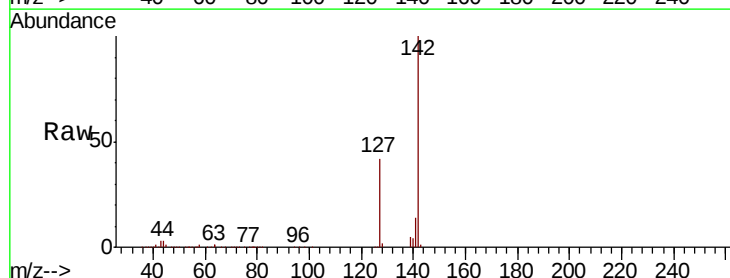
Tgt Ion:142 Resp: 160810

Ion Ratio Lower Upper

142 100

127 42.1 30.1 45.1

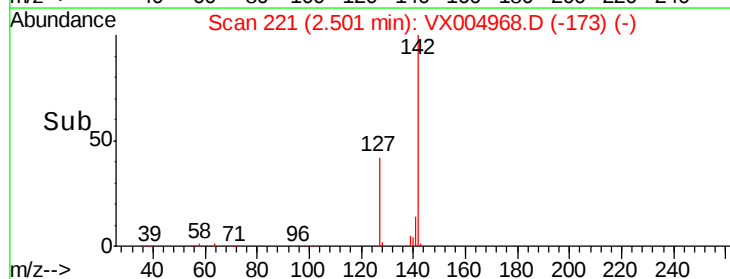
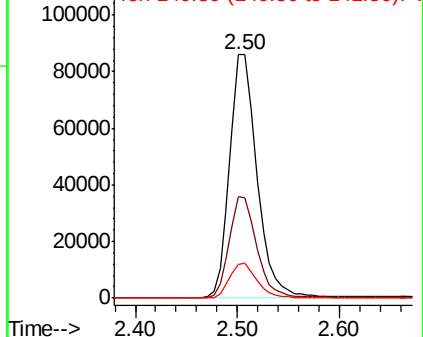
141 14.3 10.1 15.1

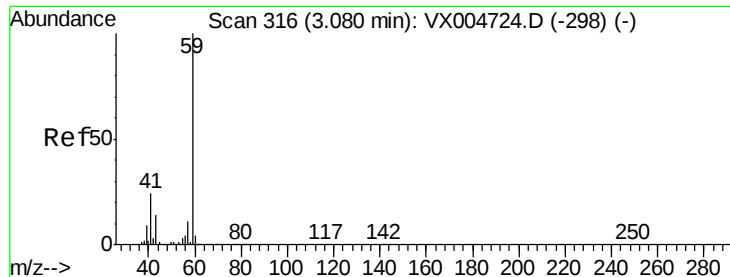


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



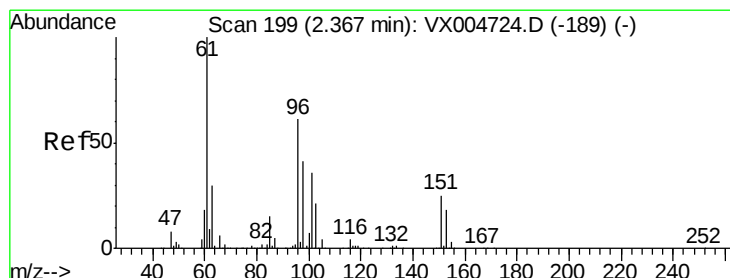
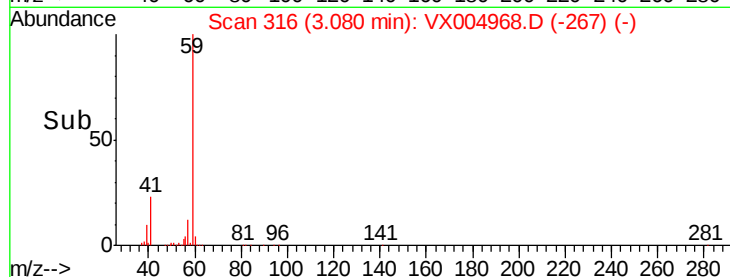
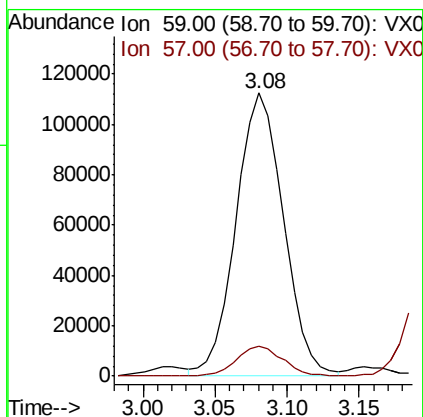
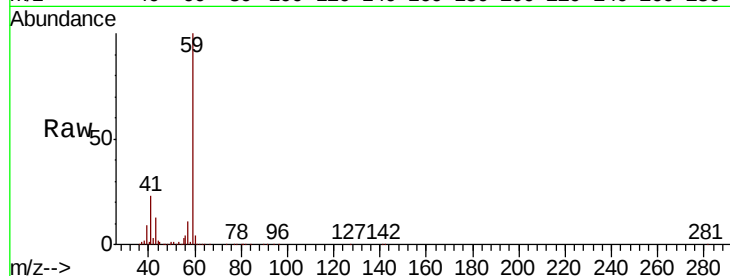


#11

Tert butyl alcohol
 Concen: 232.690 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX004968.D
 Acq: 03 Oct 2018 14:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

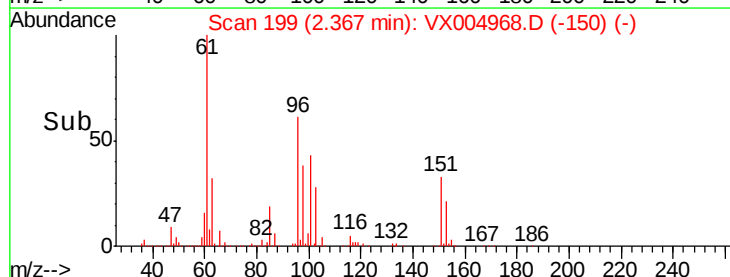
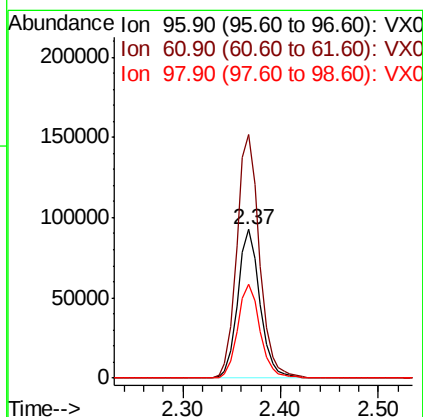
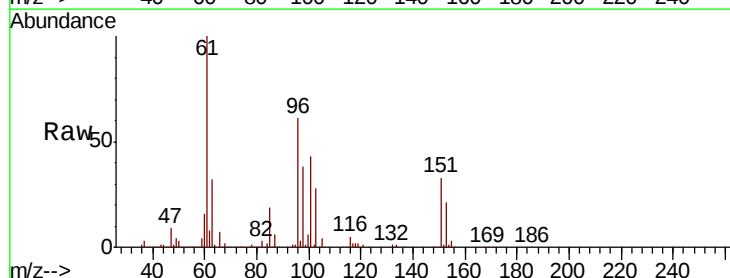
Tot Ion: 59 Resp: 257680
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.6 12.8



#12

1,1-Dichloroethene
 Concen: 48.801 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. 0.00 min
 Lab File: VX004968.D
 Acq: 03 Oct 2018 14:46

Tgt Ion: 96 Resp: 146602
 Ion Ratio Lower Upper
 96 100
 61 163.8 130.2 195.4
 98 62.9 53.4 80.0





#13

Acrolein

Concen: 165.116 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

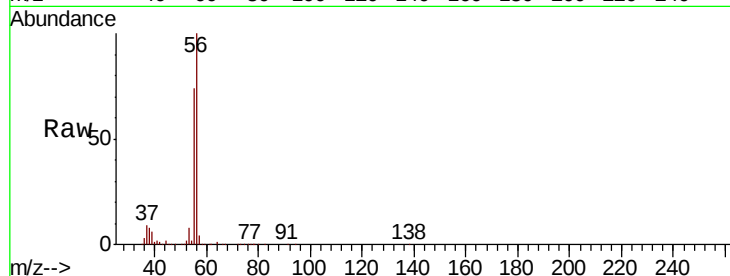
VSTDCCC050

Tot Ion: 56 Resp: 130096

Ion Ratio Lower Upper

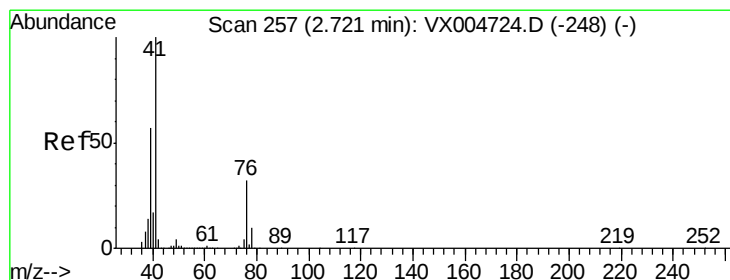
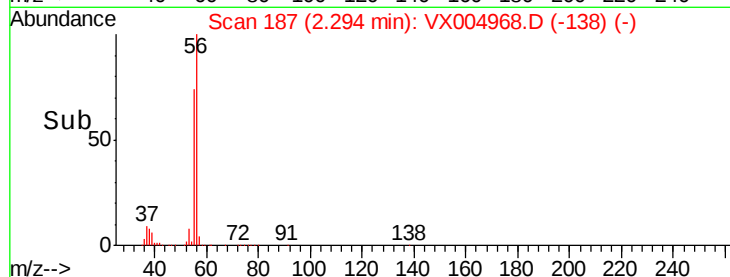
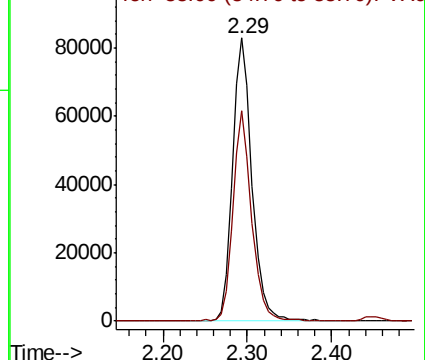
56 100

55 71.9 63.4 95.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 49.967 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

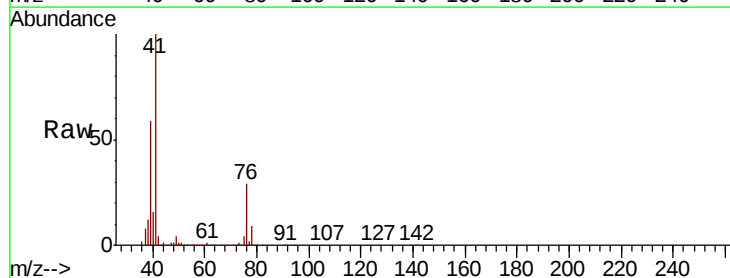
Tgt Ion: 41 Resp: 327517

Ion Ratio Lower Upper

41 100

39 57.5 44.1 66.1

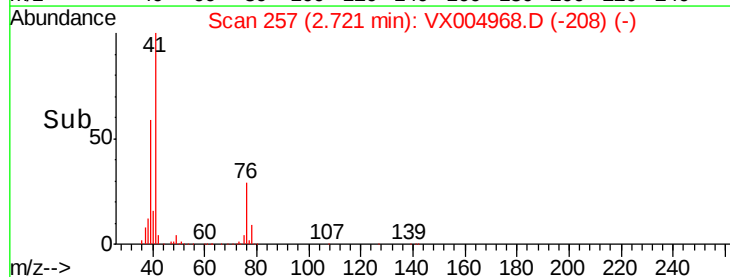
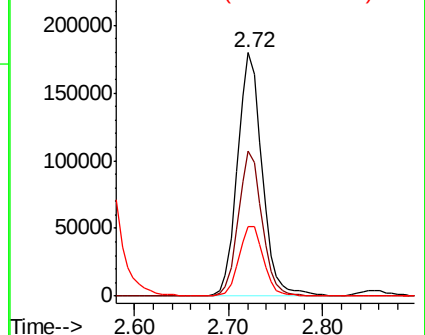
76 28.8 25.0 37.4



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 245.644 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

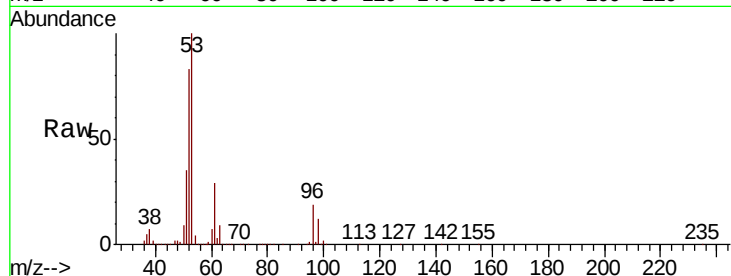
Tot Ion: 53 Resp: 598830

Ion Ratio Lower Upper

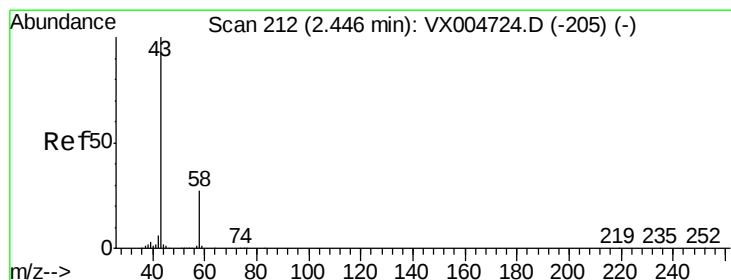
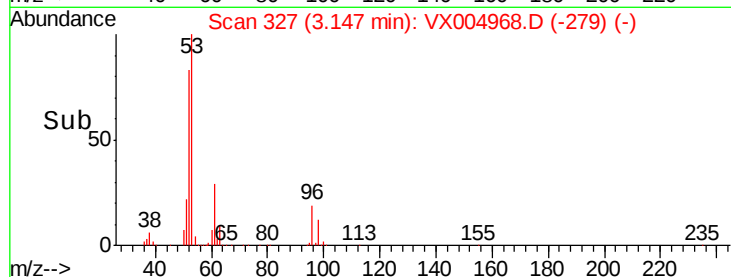
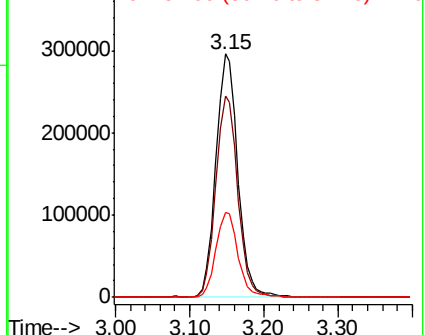
53 100

52 83.0 63.0 94.4

51 35.5 28.6 42.8



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



#16

Acetone

Concen: 243.991 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004968.D

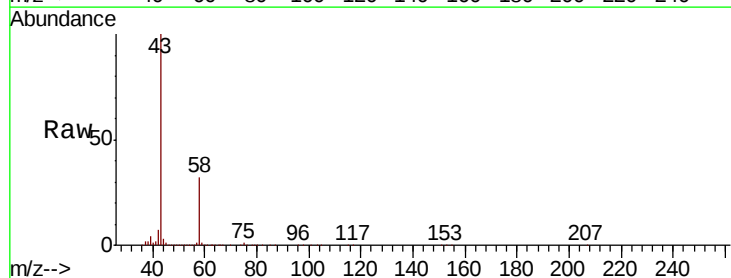
Acq: 03 Oct 2018 14:46

Tgt Ion: 43 Resp: 564160

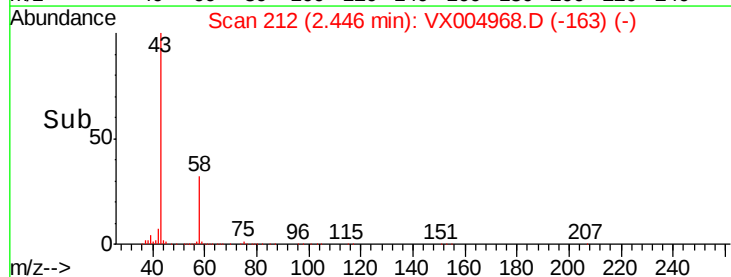
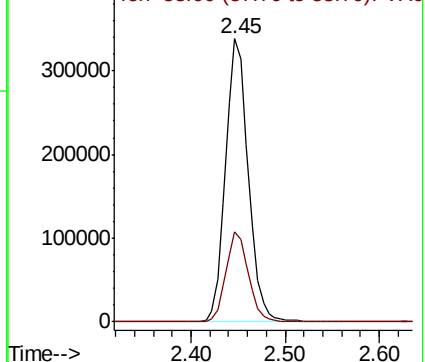
Ion Ratio Lower Upper

43 100

58 31.8 21.8 32.6



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

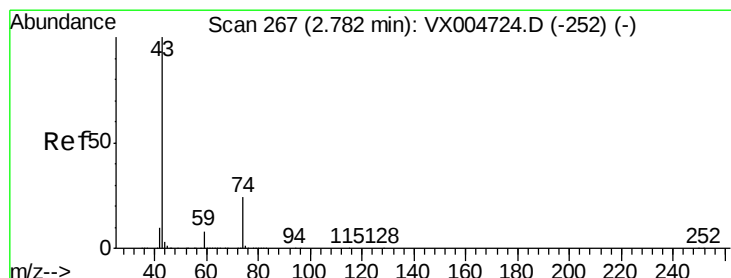
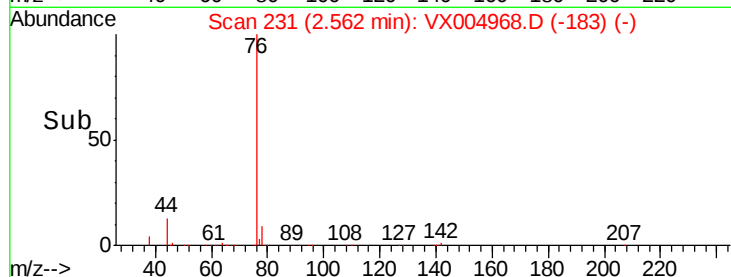
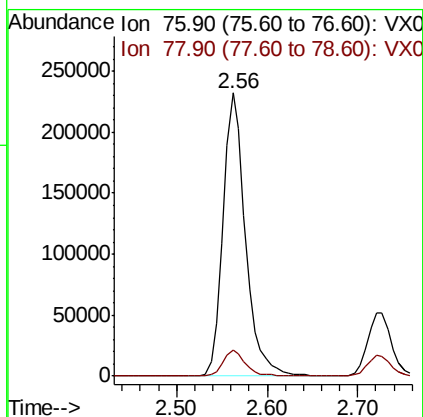
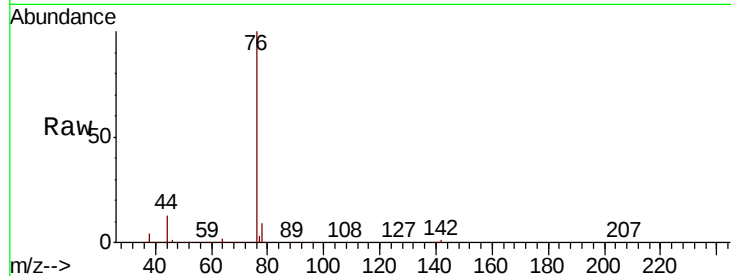




#17
Carbon Disulfide
Concen: 44.236 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

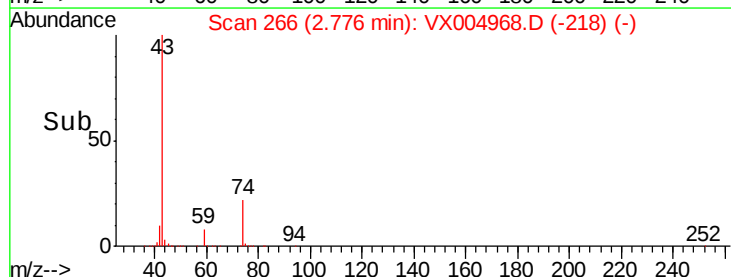
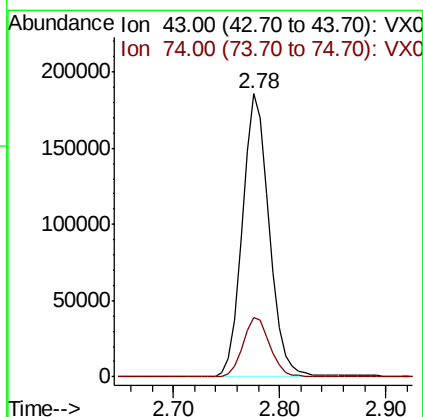
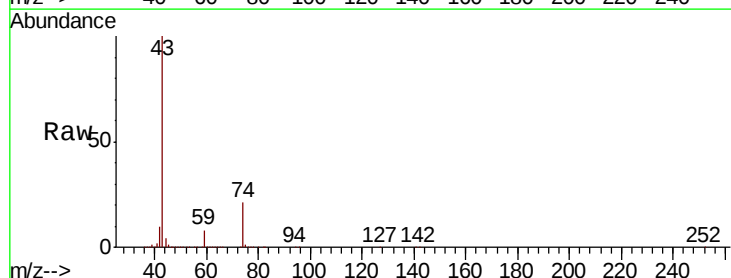
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

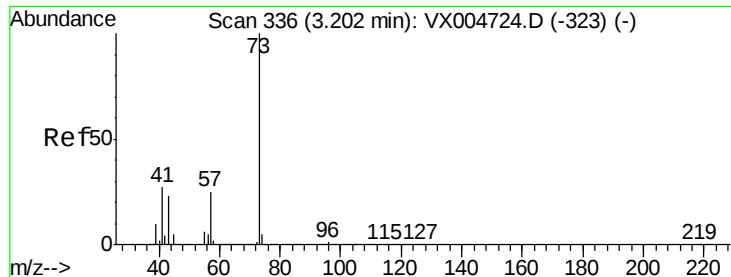
Tot Ion: 76 Resp: 399312
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6



#18
Methyl Acetate
Concen: 55.830 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Tgt Ion: 43 Resp: 327066
Ion Ratio Lower Upper
43 100
74 21.0 17.8 26.8

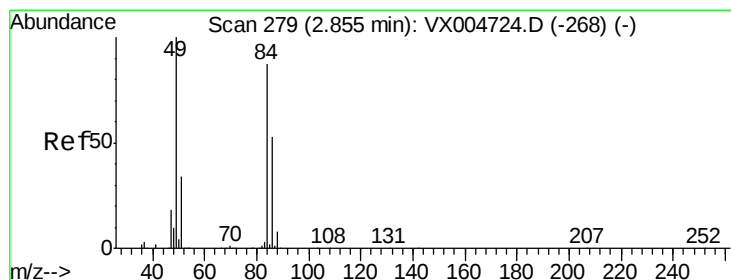
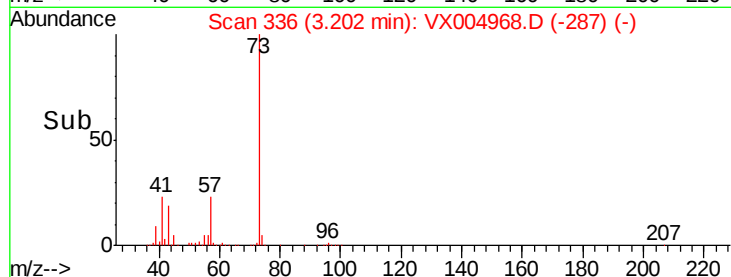
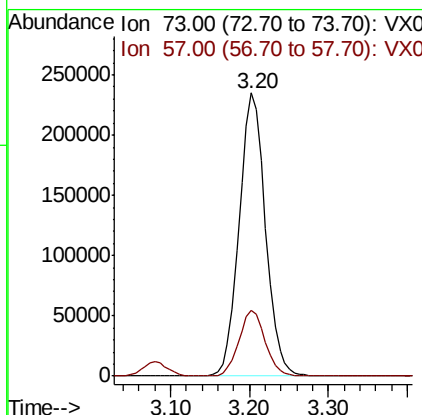
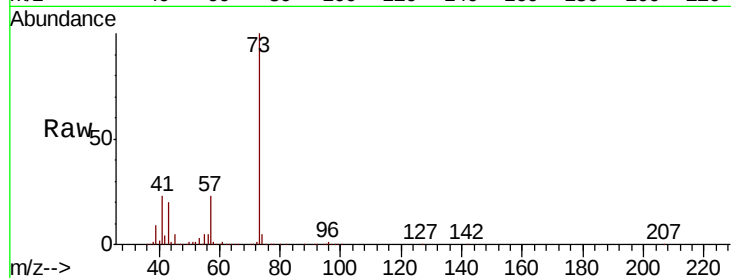




#19
Methvl tert-butvl Ether
Concen: 52.560 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

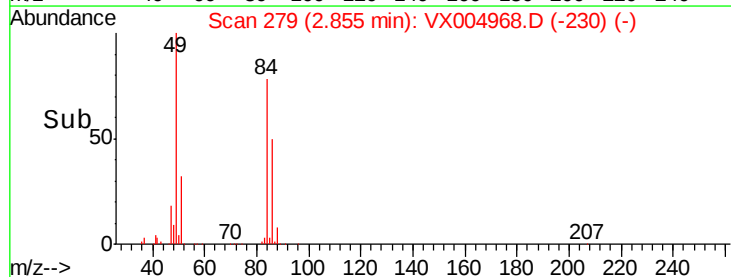
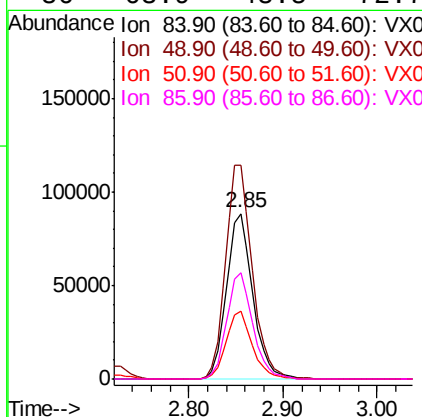
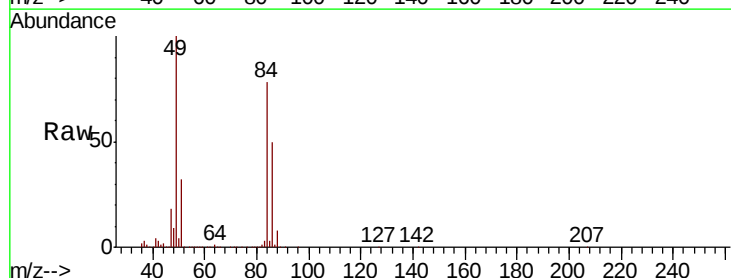
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

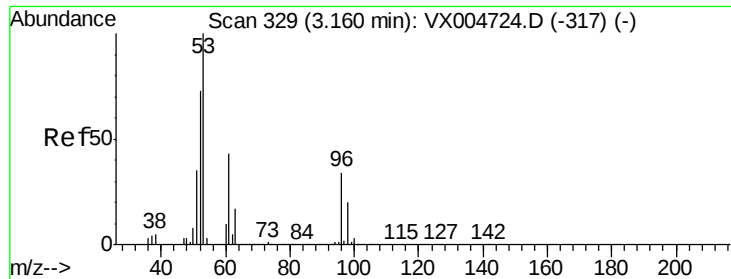
Tot Ion: 73 Resp: 544633
Ion Ratio Lower Upper
73 100
57 23.2 19.9 29.9



#20
Methylene Chloride
Concen: 50.969 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Tgt Ion: 84 Resp: 171296
Ion Ratio Lower Upper
84 100
49 128.8 92.3 138.5
51 41.1 31.8 47.6
86 63.9 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 48.343 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

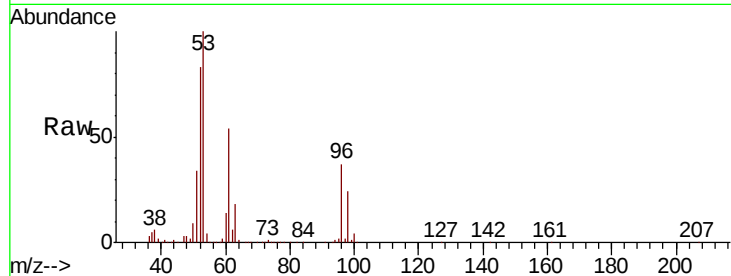
Tot Ion: 96 Resp: 158977

Ion Ratio Lower Upper

96 100

61 146.2 101.0 151.6

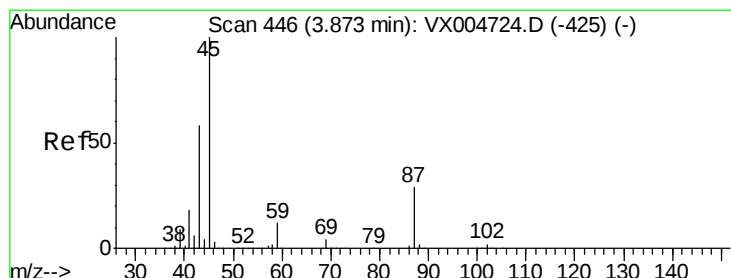
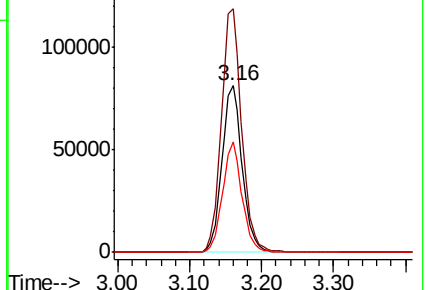
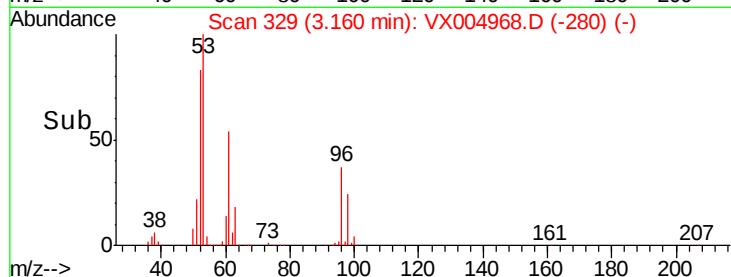
98 66.1 47.2 70.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.061 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

Tgt Ion: 45 Resp: 563584

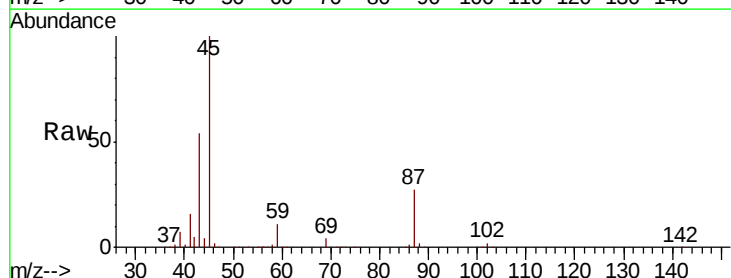
Ion Ratio Lower Upper

45 100

43 54.1 46.7 70.1

87 26.6 22.9 34.3

59 11.3 9.3 13.9

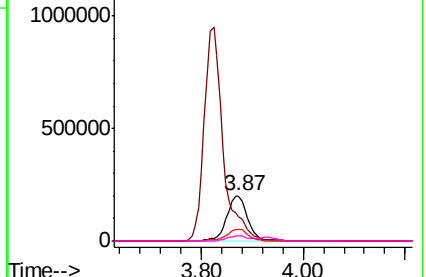
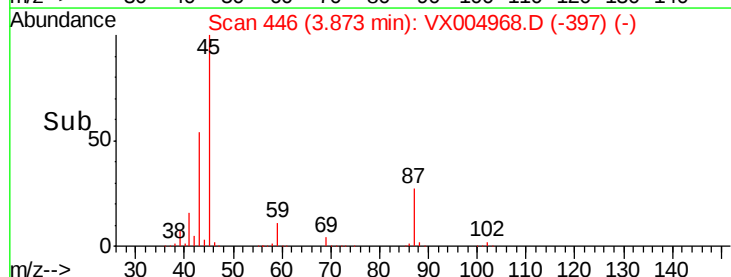


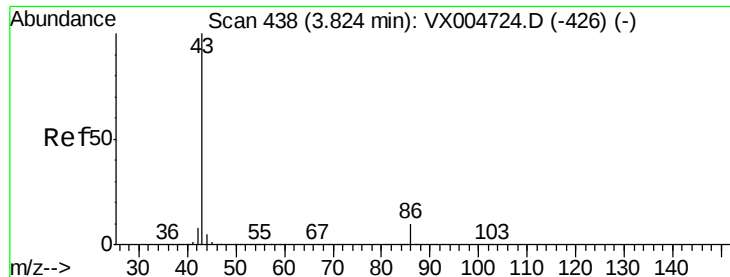
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

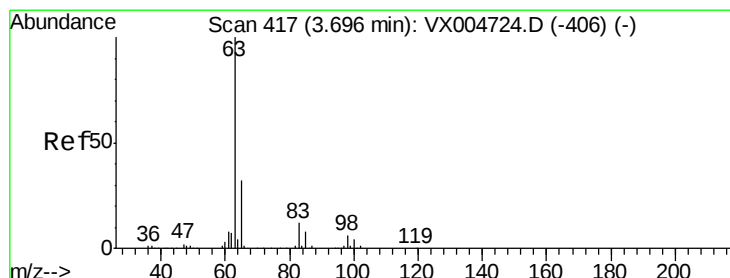
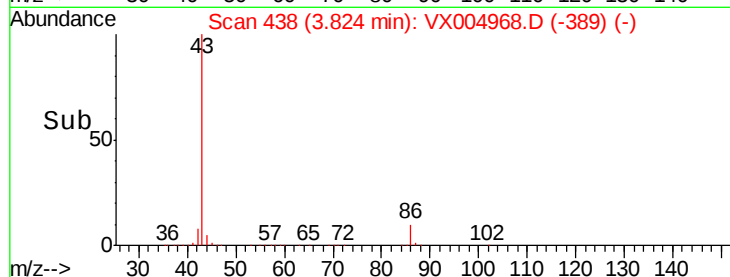
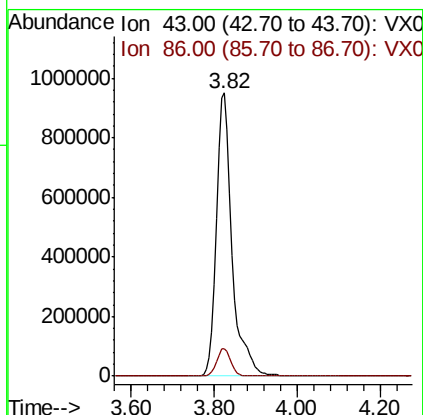
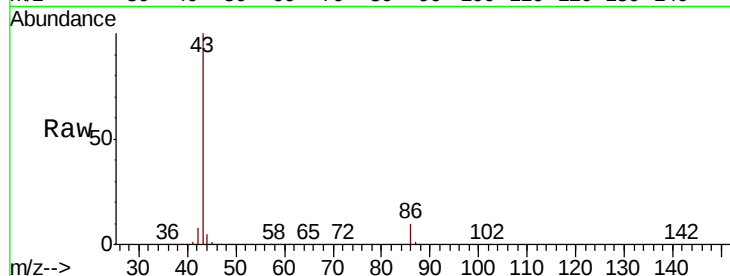




#23
 Vinyl Acetate
 Concen: 242.832 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. 0.00 min
 Lab File: VX004968.D
 Acq: 03 Oct 2018 14:46

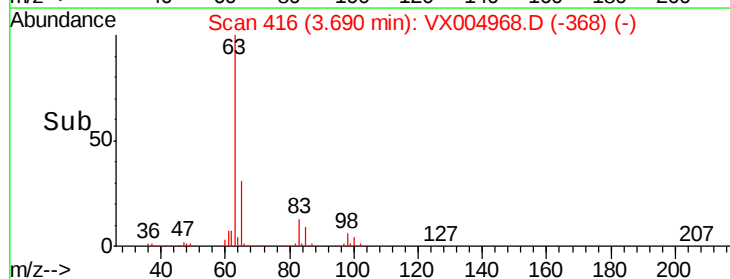
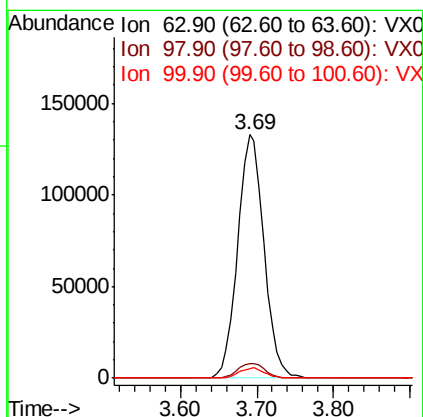
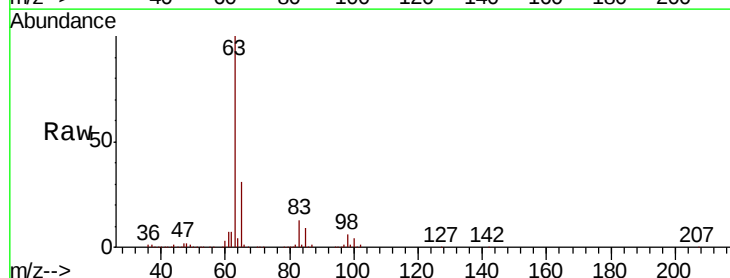
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

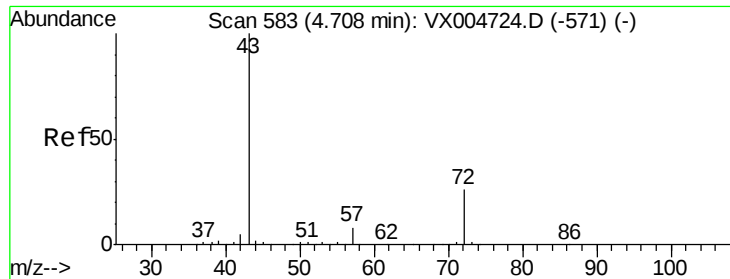
Tot Ion: 43 Resp: 2453391
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 48.032 ug/l
 RT: 3.69 min Scan# 416
 Delta R.T. -0.01 min
 Lab File: VX004968.D
 Acq: 03 Oct 2018 14:46

Tgt Ion: 63 Resp: 316244
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.0 9.2
 100 4.1 2.0 5.8





#25

2-Butanone

Concen: 241.876 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

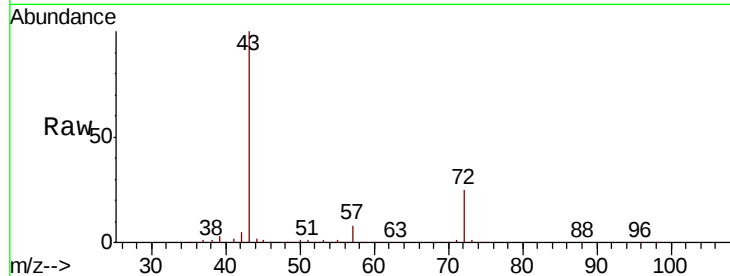
VSTDCCC050

Tot Ion: 43 Resp: 824380

Ion Ratio Lower Upper

43 100

72 24.8 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

300000

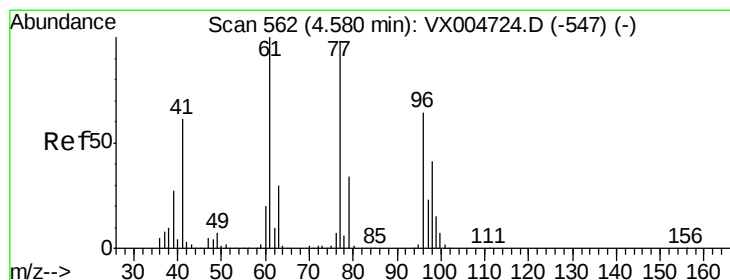
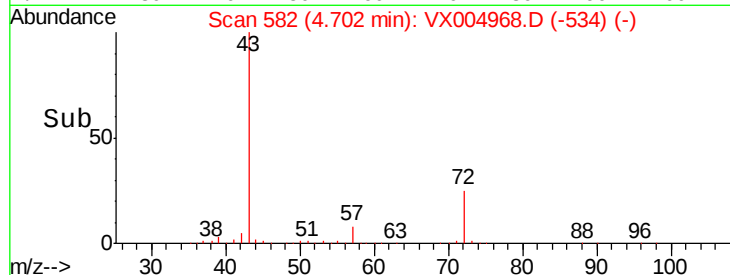
200000

100000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 52.704 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX004968.D

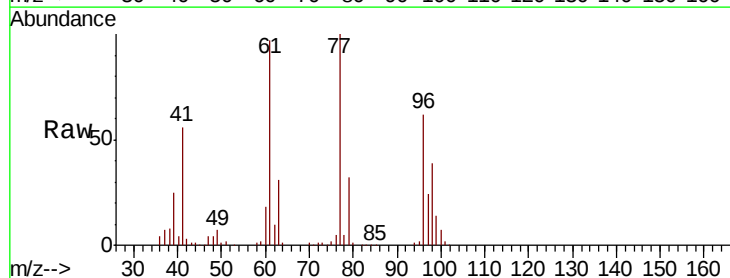
Acq: 03 Oct 2018 14:46

Tgt Ion: 77 Resp: 241636

Ion Ratio Lower Upper

77 100

97 23.5 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

80000

60000

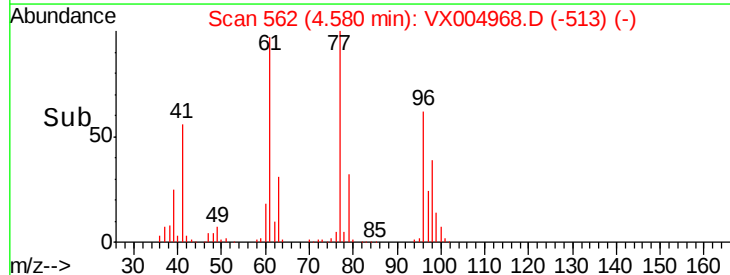
40000

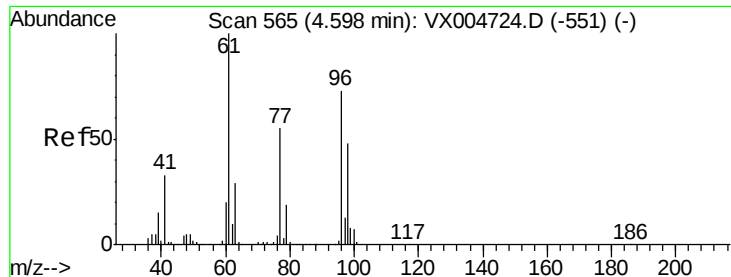
20000

0

4.40 4.50 4.60 4.70

Time-->



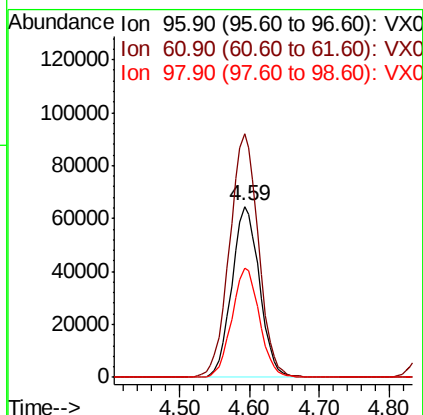
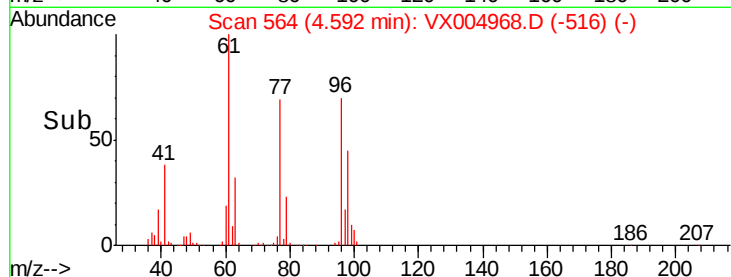
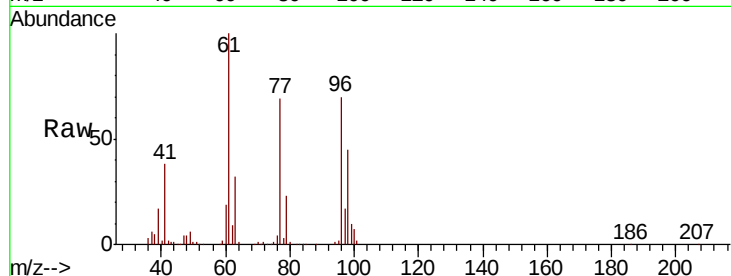


#27

cis-1,2-Dichloroethene
Concen: 48.328 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

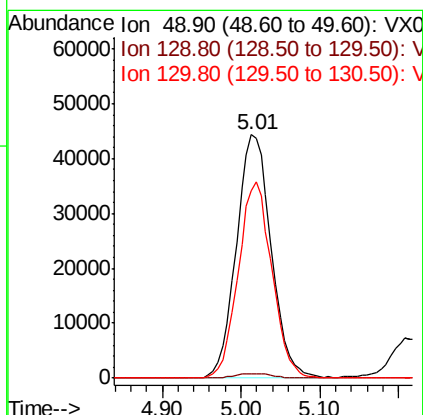
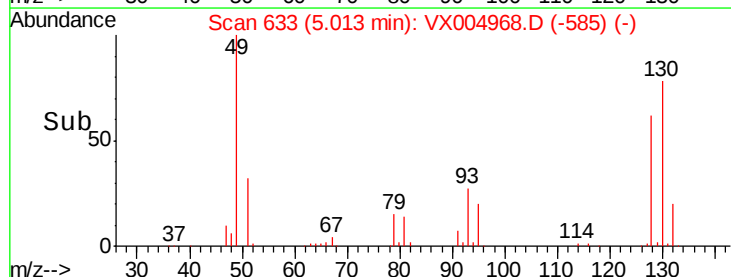
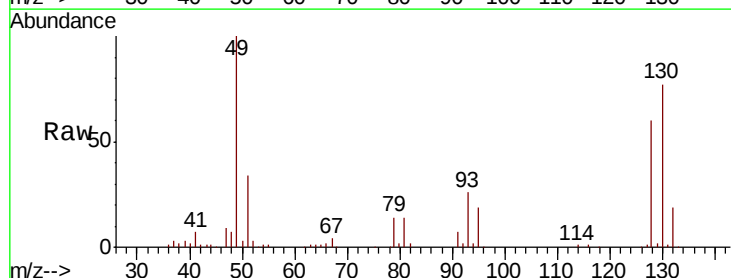
Tot Ion: 96 Resp: 177541
Ion Ratio Lower Upper
96 100
61 148.3 0.0 285.8
98 63.7 0.0 136.2

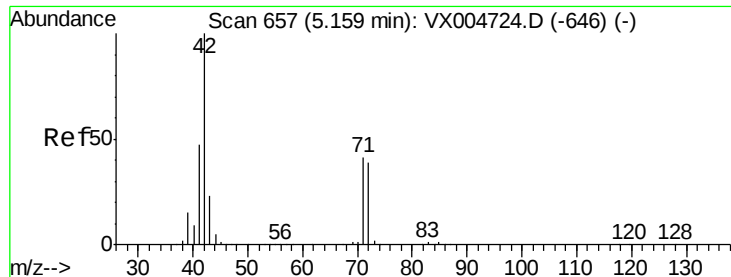


#28

Bromochloromethane
Concen: 44.011 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Tgt Ion: 49 Resp: 136456
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.2
130 77.6 62.0 93.0





#29

Tetrahydrofuran

Concen: 247.814 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

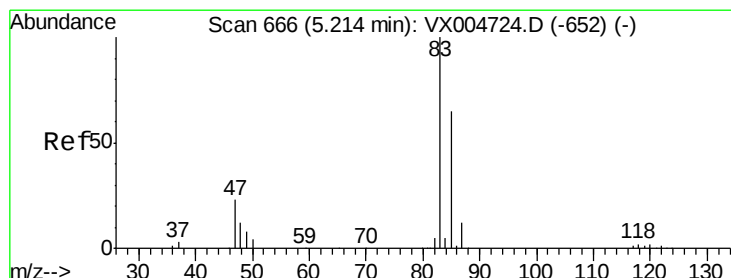
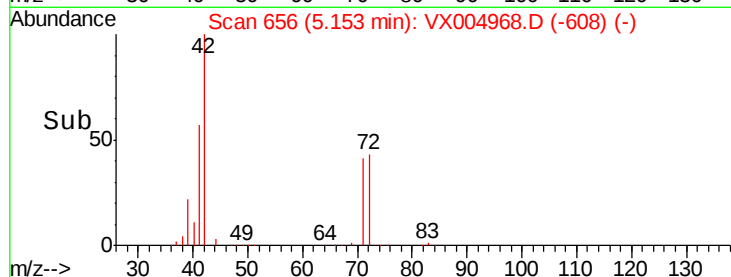
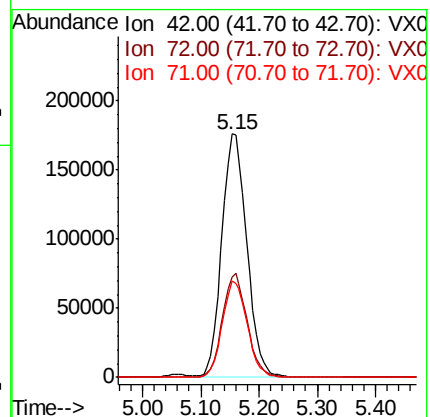
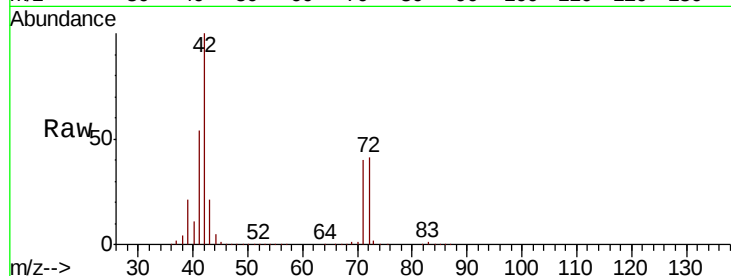
Tot Ion: 42 Resp: 524961

Ion Ratio Lower Upper

42 100

72 42.0 33.7 50.5

71 39.1 32.2 48.4



#30

Chloroform

Concen: 46.487 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX004968.D

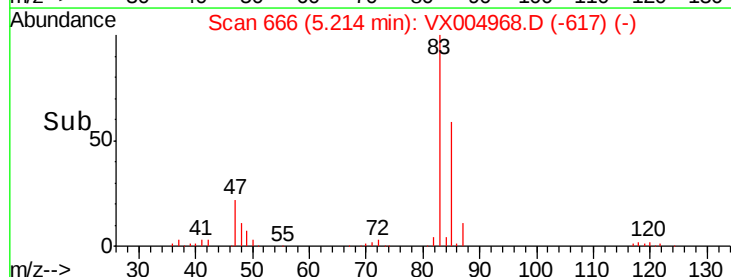
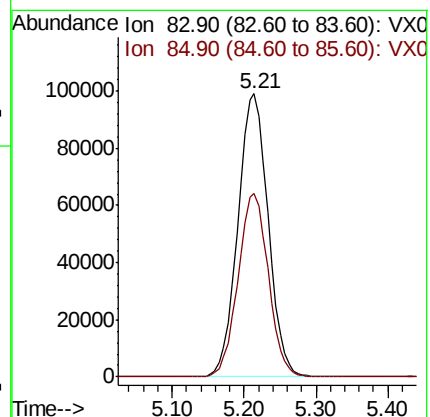
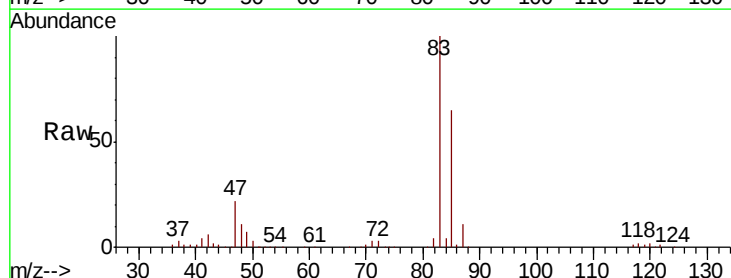
Acq: 03 Oct 2018 14:46

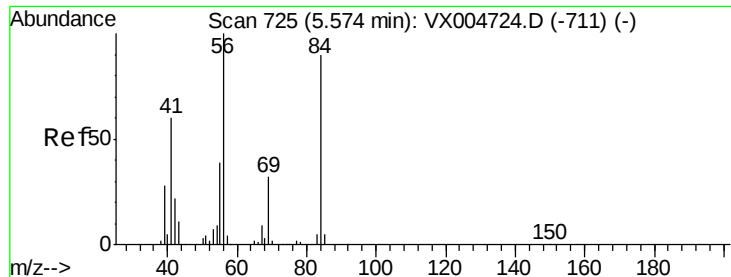
Tgt Ion: 83 Resp: 289264

Ion Ratio Lower Upper

83 100

85 64.9 52.4 78.6





#31

Cyclohexane

Concen: 54.132 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

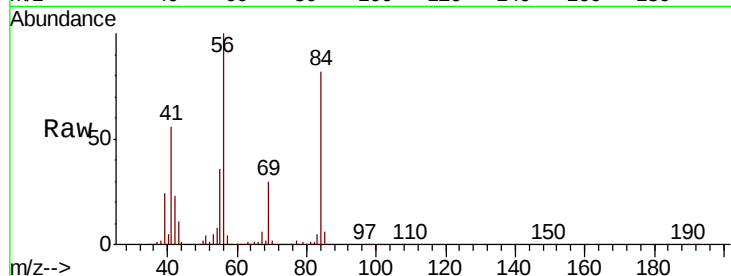
Tot Ion: 56 Resp: 272779

Ion Ratio Lower Upper

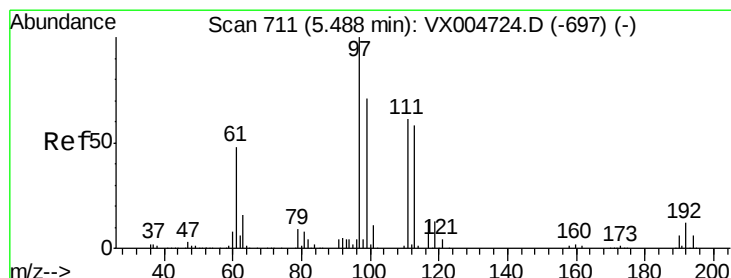
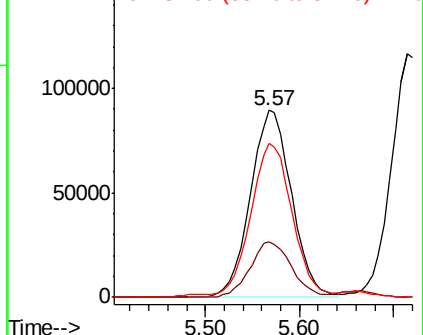
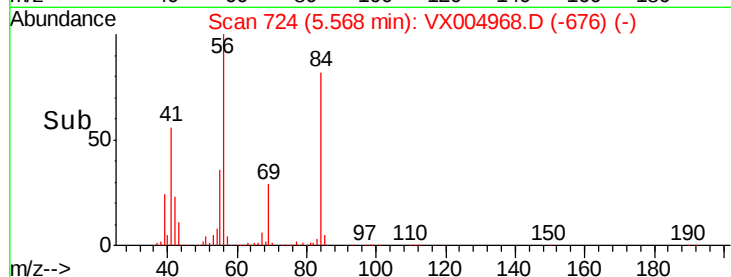
56 100

69 29.6 25.9 38.9

84 80.9 71.9 107.9



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: 48.616 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

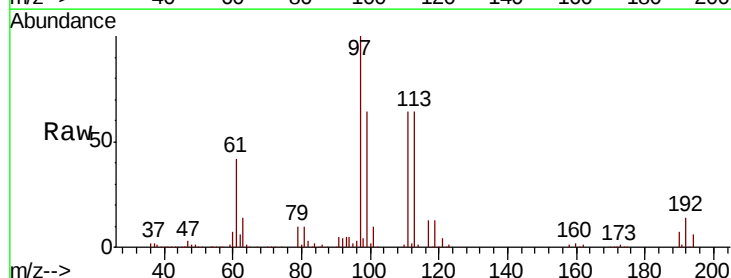
Tgt Ion: 97 Resp: 247056

Ion Ratio Lower Upper

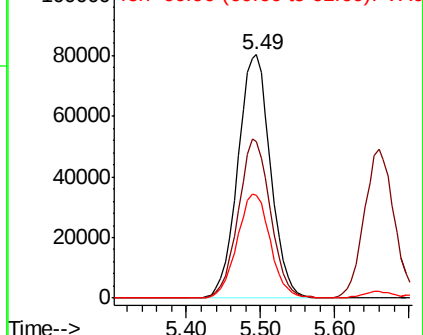
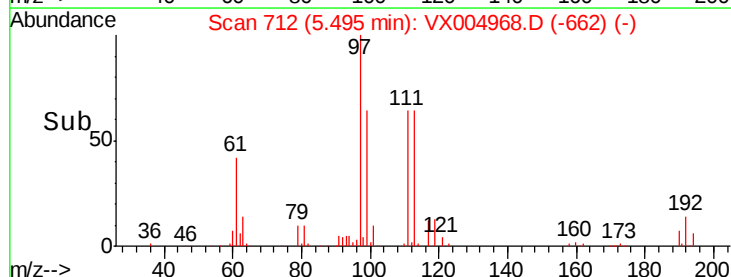
97 100

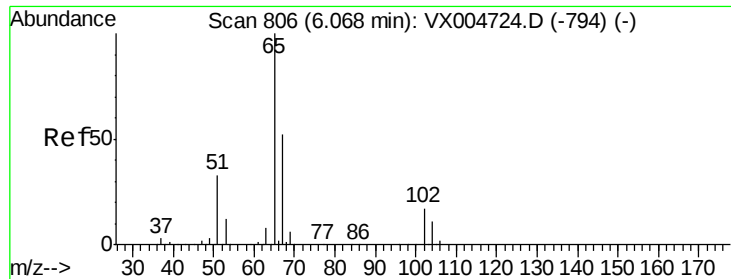
99 64.2 54.6 82.0

61 43.5 37.5 56.3



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: 44.899 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

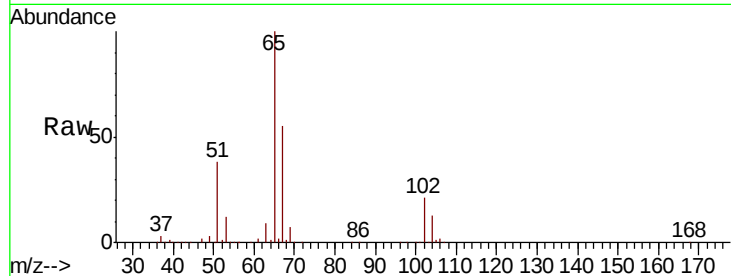
VSTDCCC050

Tot Ion: 65 Resp: 177823

Ion Ratio Lower Upper

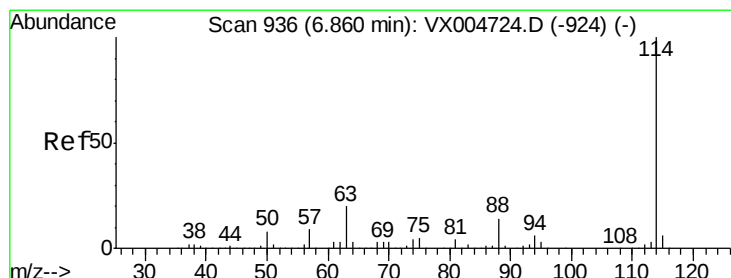
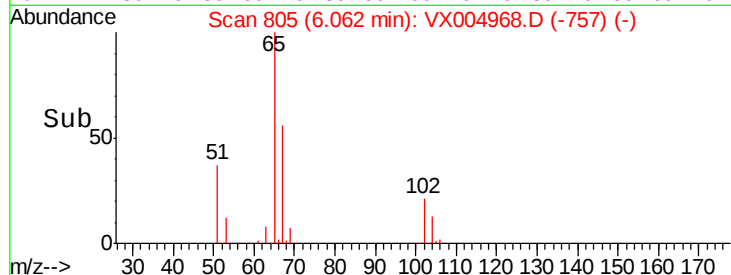
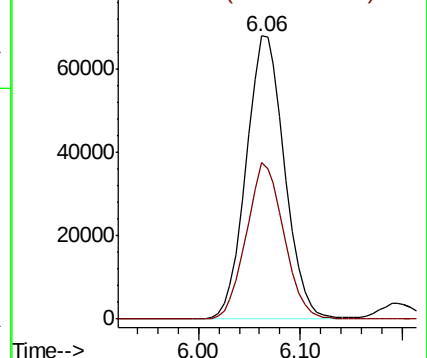
65 100

67 54.3 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

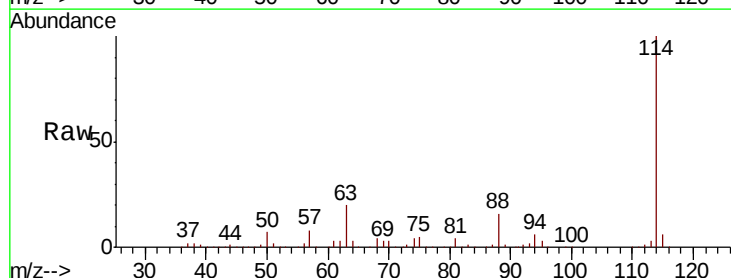
Tgt Ion:114 Resp: 399354

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.8

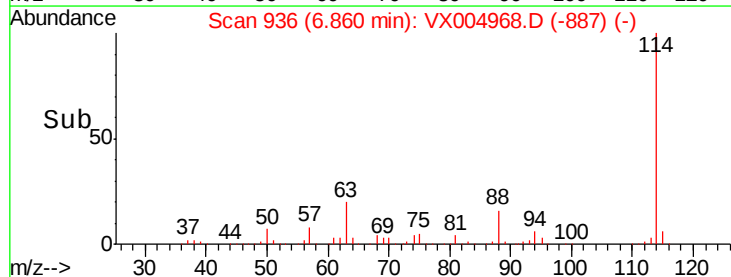
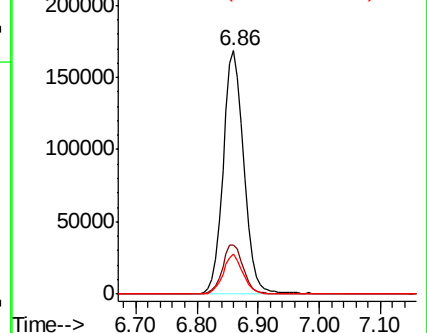
88 16.2 0.0 27.0

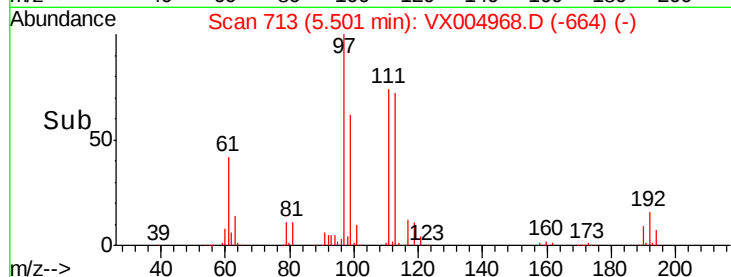
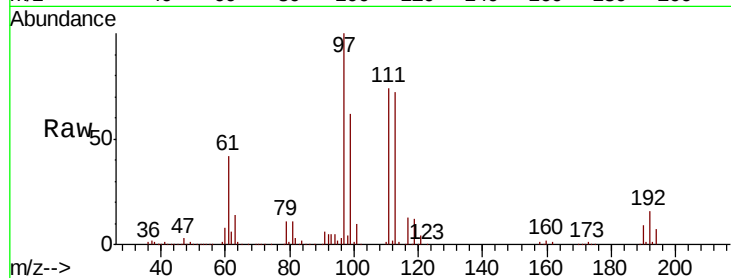


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 44.176 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

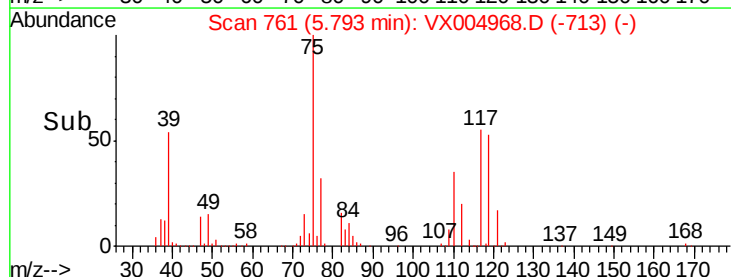
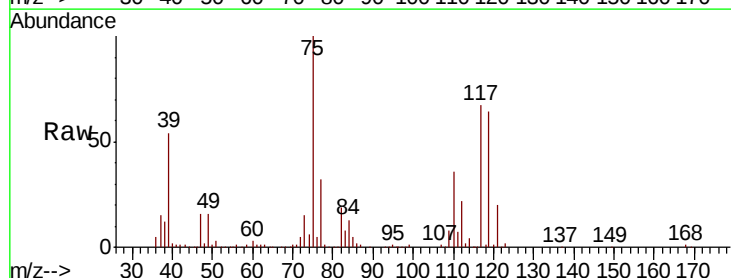
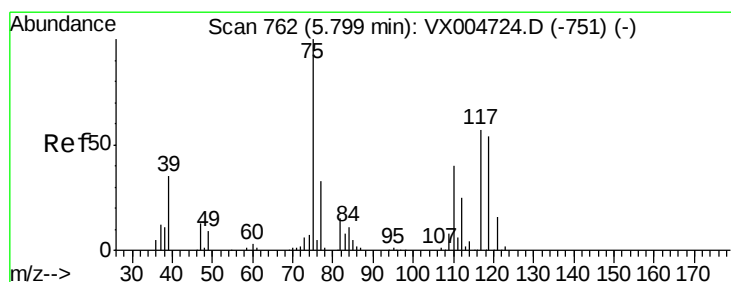
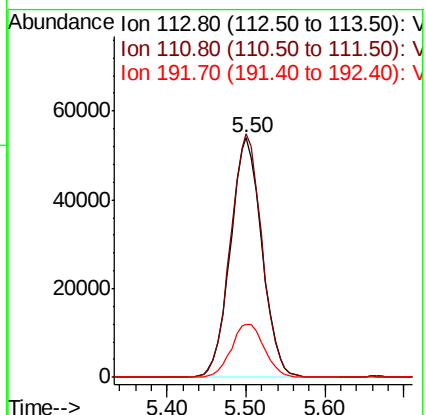
Tot Ion:113 Resp: 149516

Ion Ratio Lower Upper

113 100

111 102.2 77.0 115.4

192 23.4 17.0 25.6



#36

1,1-Dichloropropene

Concen: 47.624 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

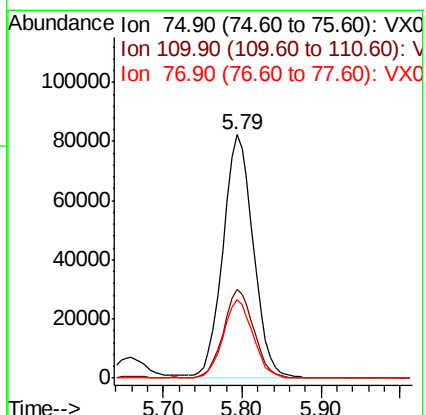
Tgt Ion: 75 Resp: 219919

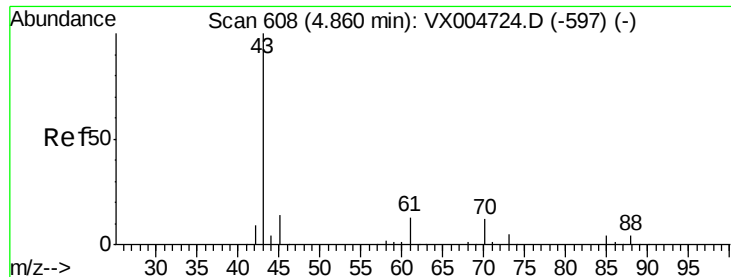
Ion Ratio Lower Upper

75 100

110 36.5 20.0 59.9

77 31.6 27.1 40.7

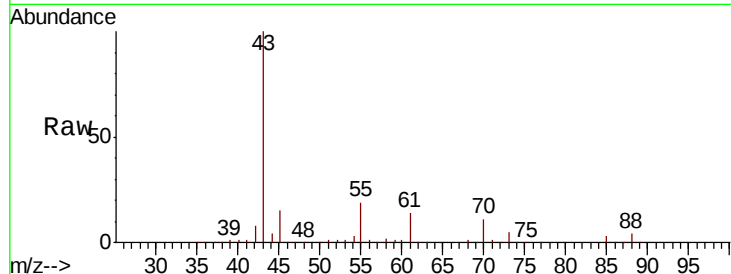




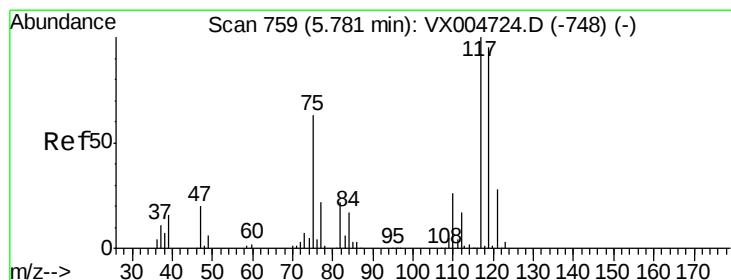
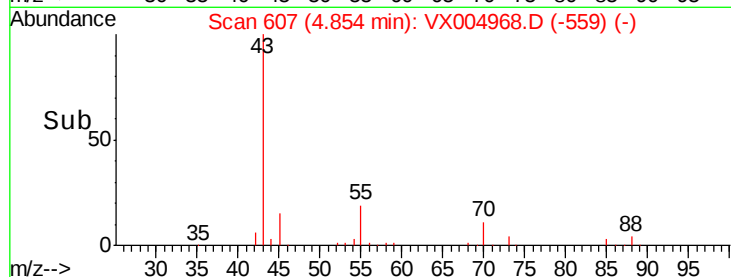
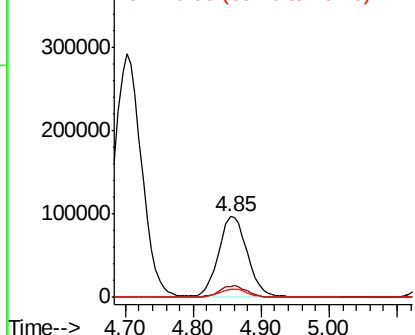
#37
Ethyl Acetate
Concen: 46.763 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 286643
Ion Ratio Lower Upper
43 100
61 13.6 10.4 15.6
70 10.4 8.7 13.1

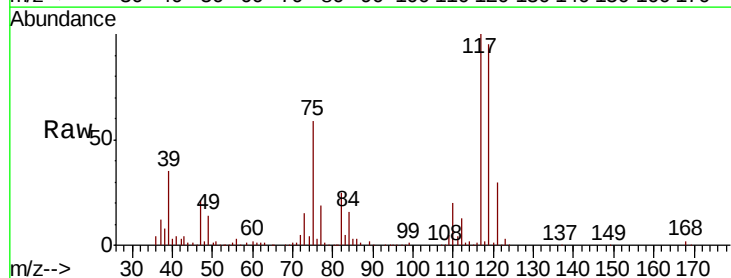


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

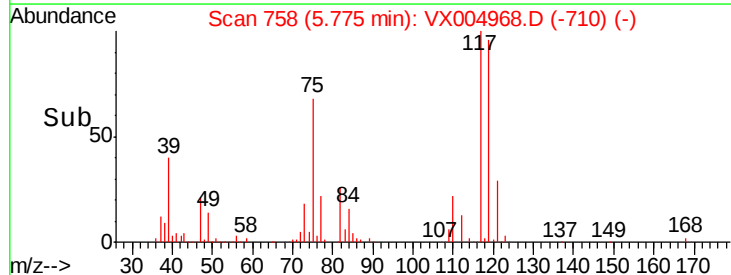
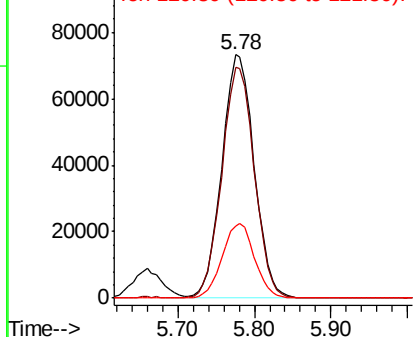


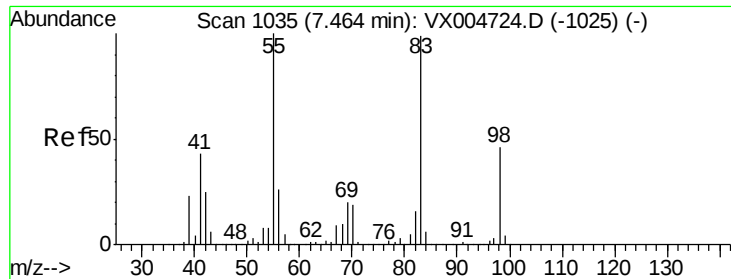
#38
Carbon Tetrachloride
Concen: 44.013 ug/l
RT: 5.78 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Tgt Ion: 117 Resp: 213646
Ion Ratio Lower Upper
117 100
119 94.7 75.2 112.8
121 29.6 22.5 33.7



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

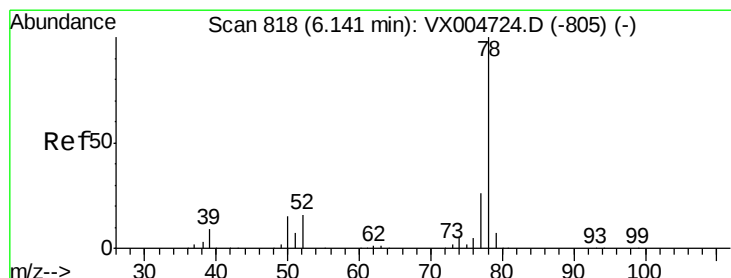
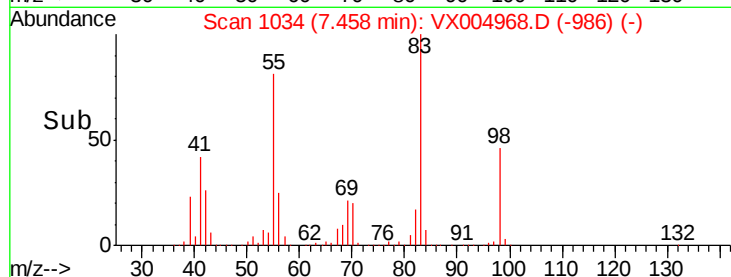
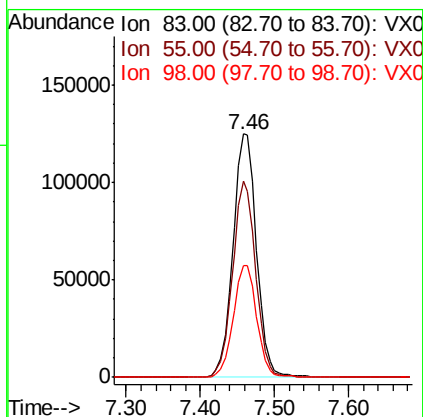
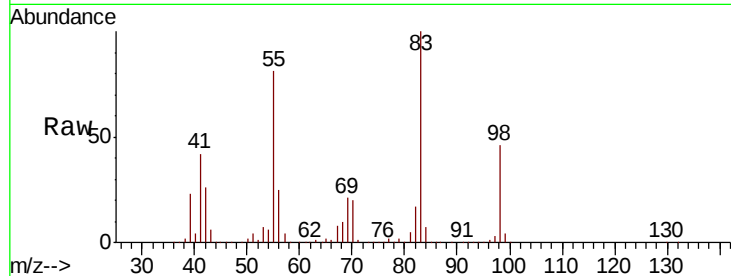




#39
Methvlcvclohexane
Concen: 58.793 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

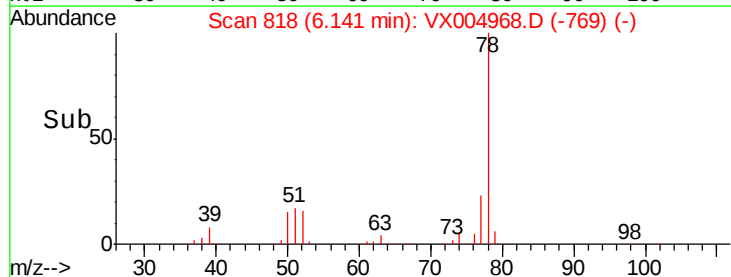
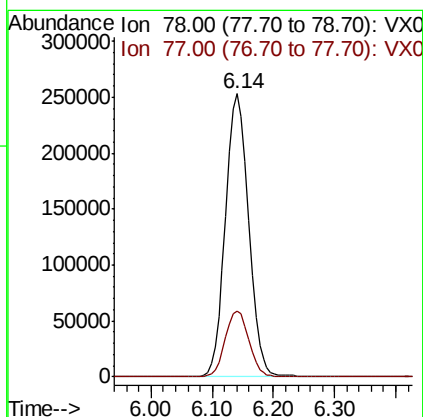
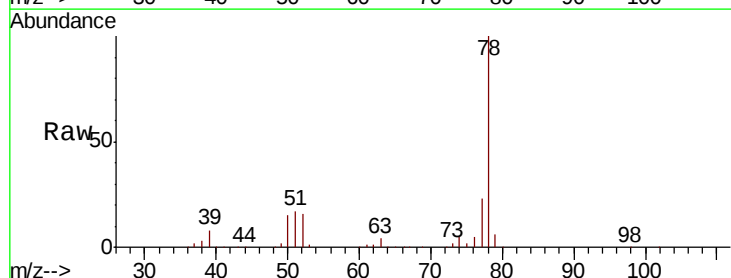
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 277227
Ion Ratio Lower Upper
83 100
55 80.7 81.1 121.7#
98 46.2 37.3 55.9



#40
Benzene
Concen: 45.898 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Tgt Ion: 78 Resp: 663549
Ion Ratio Lower Upper
78 100
77 23.2 21.0 31.4

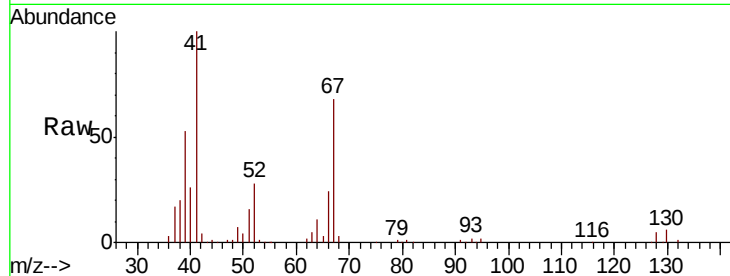




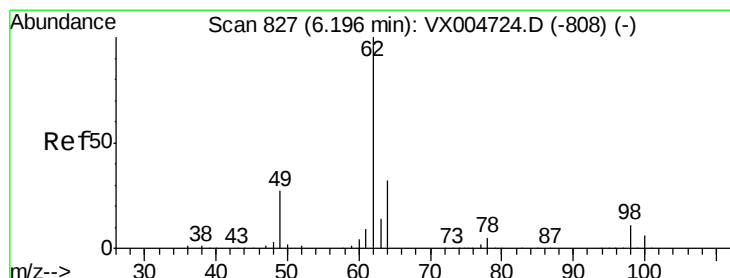
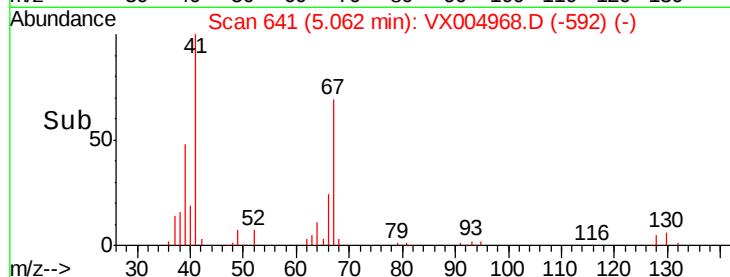
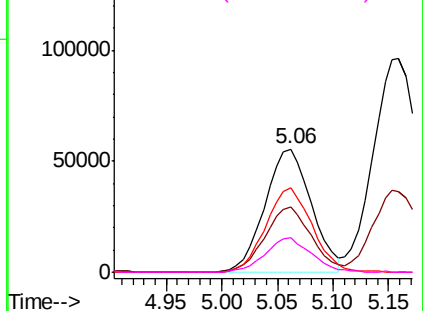
#41
Methacrylonitrile
Concen: 47.158 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	160309
Ion	Ratio	Lower	Upper
41	100		
39	53.1	42.5	63.7
67	69.0	53.0	79.6
52	27.8	19.8	29.8

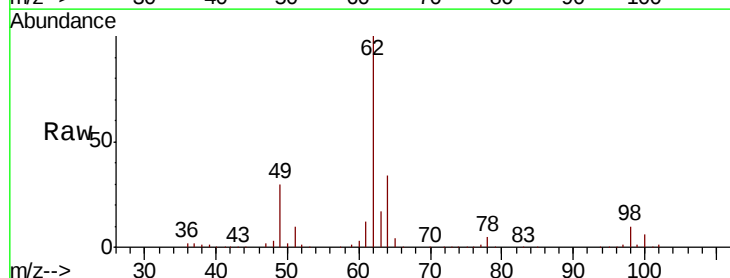


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

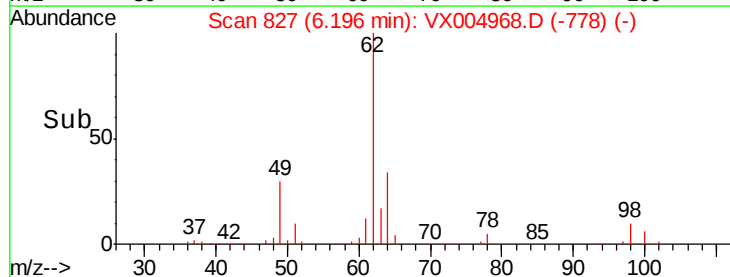
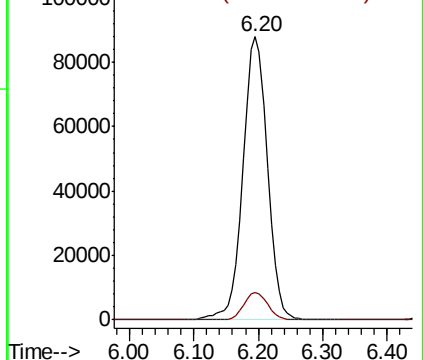


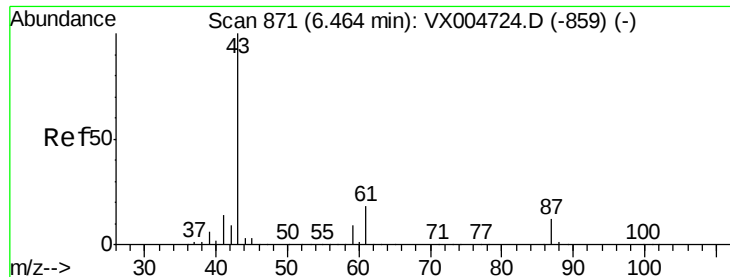
#42
1,2-Dichloroethane
Concen: 44.641 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Tgt Ion:	62	Resp:	228148
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.2



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



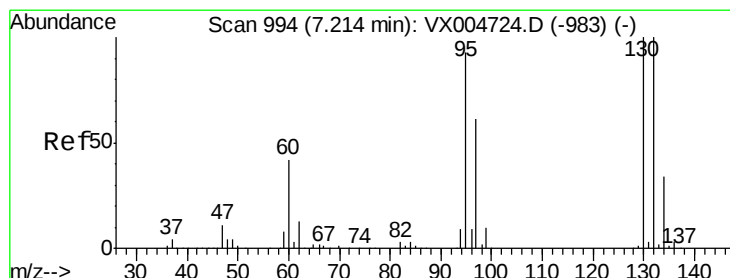
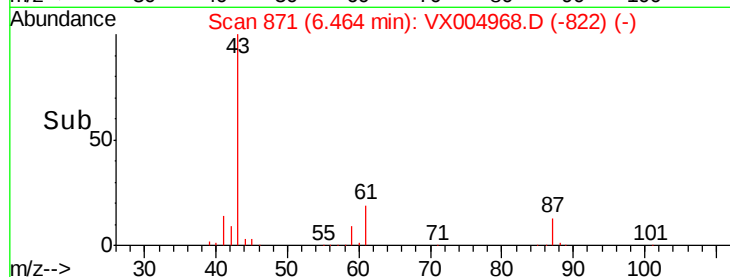
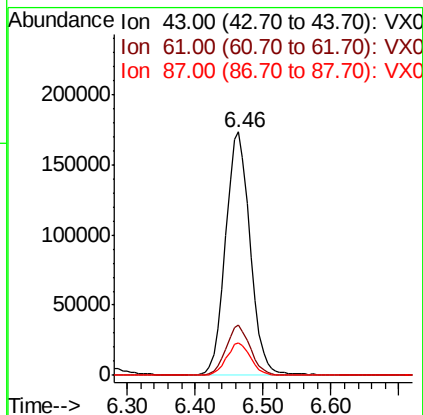
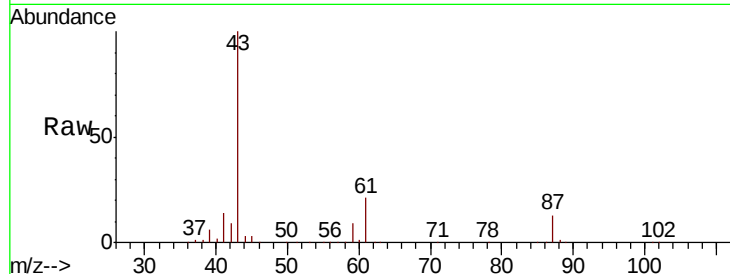


#43

Isopropyl Acetate
 Concen: 48.963 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: VX004968.D
 Acq: 03 Oct 2018 14:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

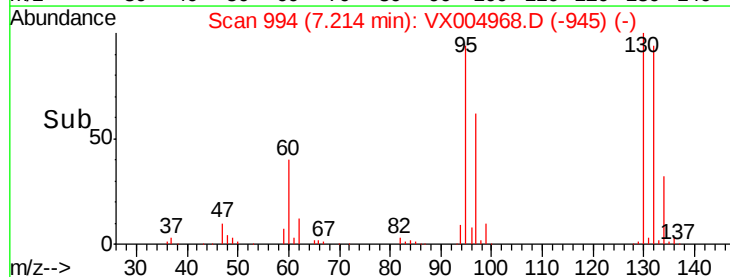
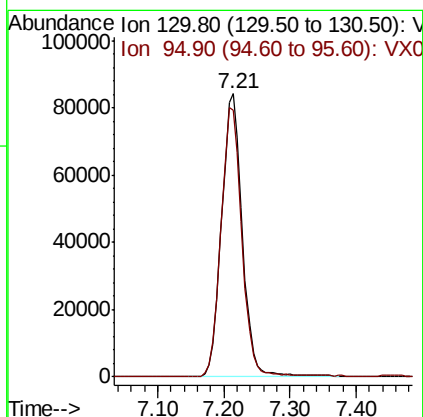
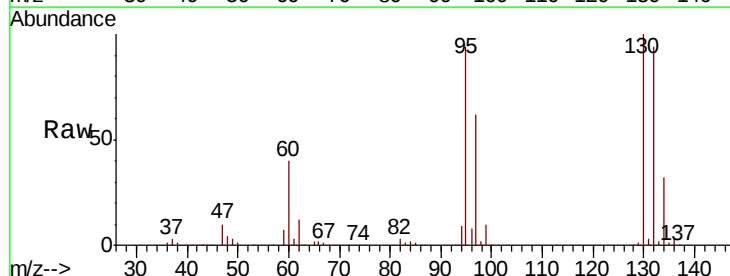
Tot Ion: 43 Resp: 433194
 Ion Ratio Lower Upper
 43 100
 61 20.2 14.2 21.4
 87 13.0 9.3 13.9

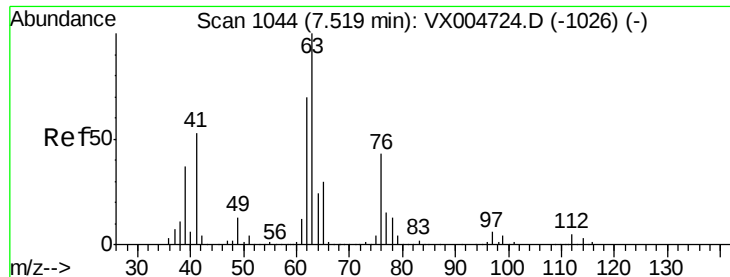


#44

Trichloroethene
 Concen: 51.481 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX004968.D
 Acq: 03 Oct 2018 14:46

Tgt Ion: 130 Resp: 182961
 Ion Ratio Lower Upper
 130 100
 95 94.1 0.0 186.8

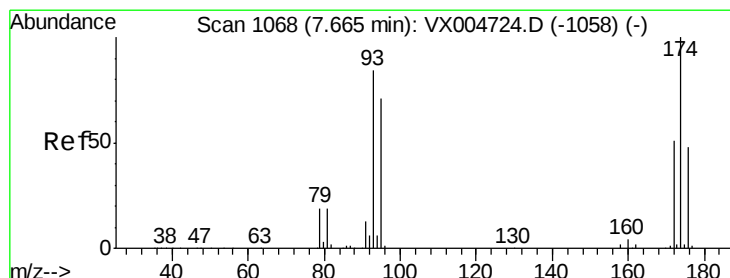
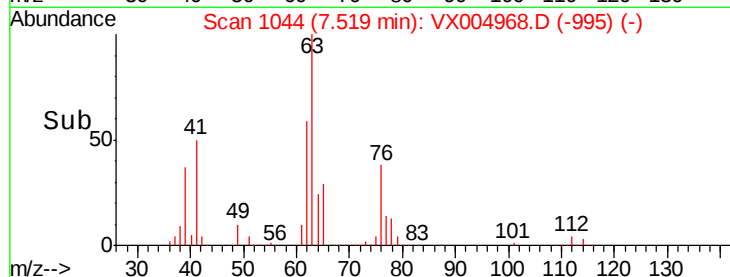
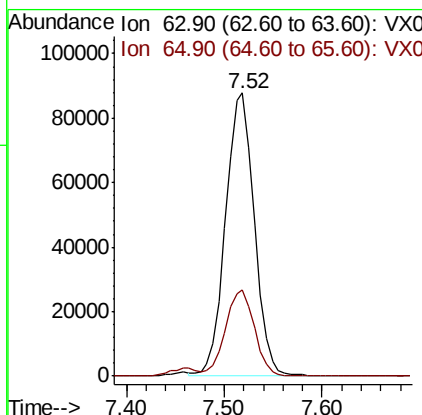
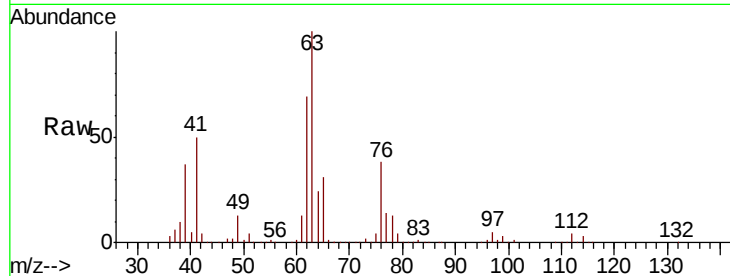




#45
 1,2-Dichloropropane
 Concen: 50.316 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX004968.D
 Acq: 03 Oct 2018 14:46

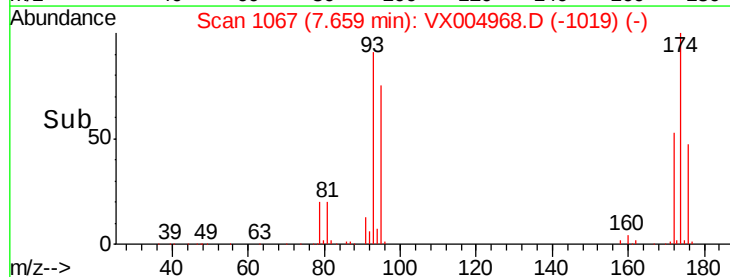
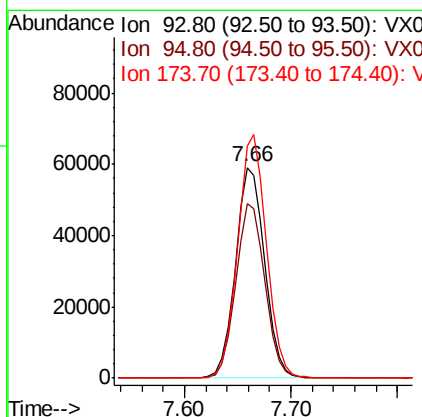
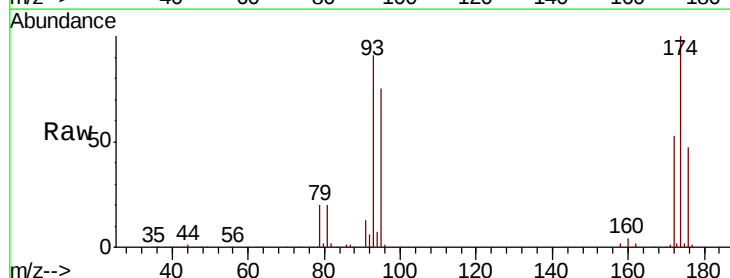
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

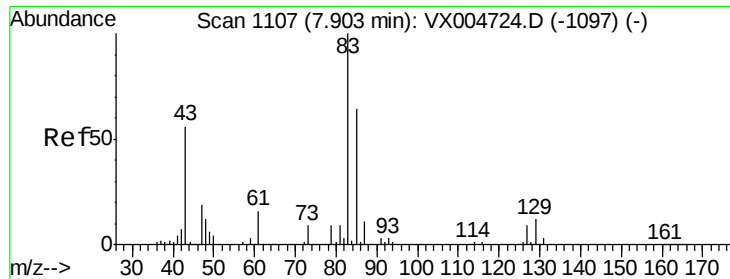
Tot Ion: 63 Resp: 178387
 Ion Ratio Lower Upper
 63 100
 65 30.5 23.9 35.9



#46
 Dibromomethane
 Concen: 51.040 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: VX004968.D
 Acq: 03 Oct 2018 14:46

Tgt Ion: 93 Resp: 113721
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.7 100.1
 174 114.2 92.7 139.1





#47

Bromodichloromethane

Concen: 50.917 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

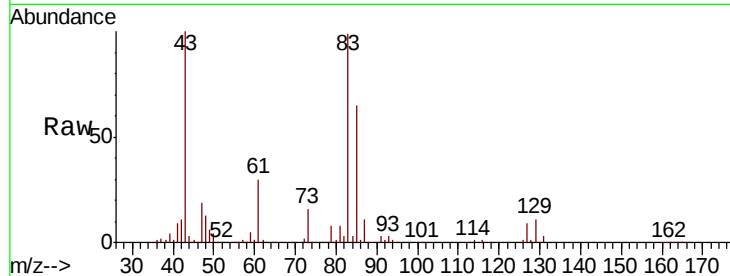
Tot Ion: 83 Resp: 212404

Ion Ratio Lower Upper

83 100

85 65.8 51.2 76.8

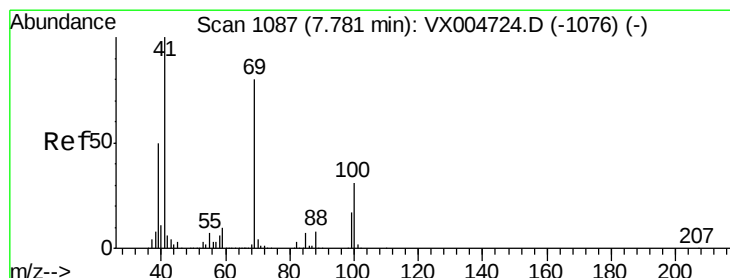
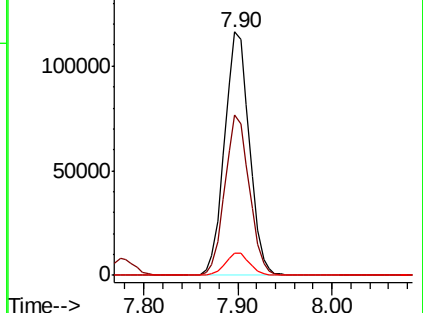
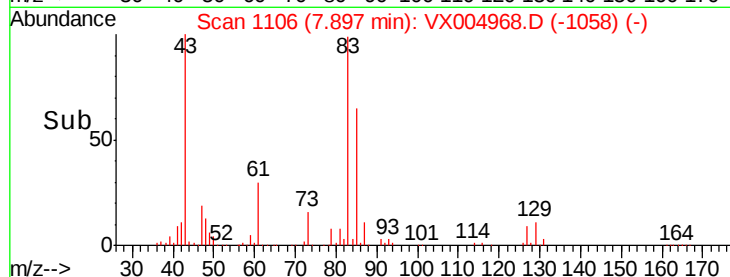
127 9.1 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 56.221 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

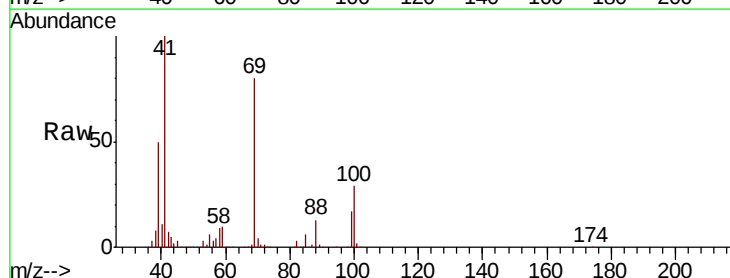
Tgt Ion: 41 Resp: 225765

Ion Ratio Lower Upper

41 100

69 81.7 63.8 95.6

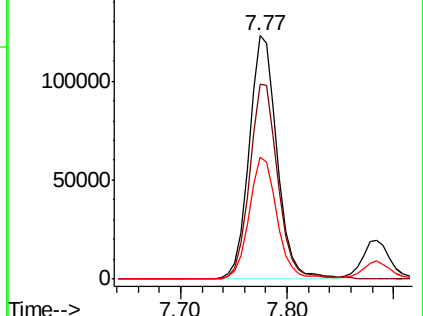
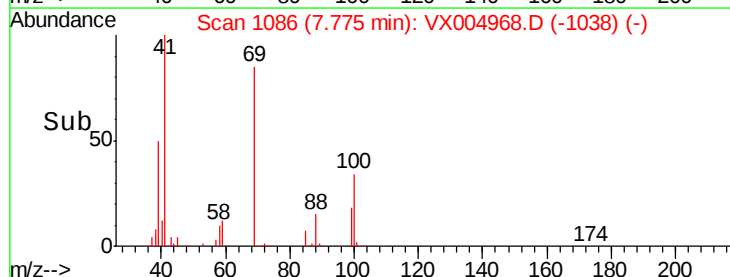
39 50.2 40.7 61.1

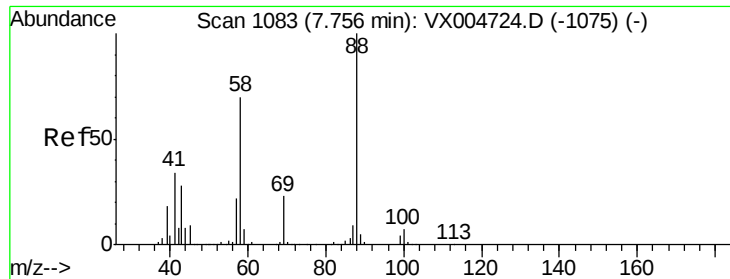


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

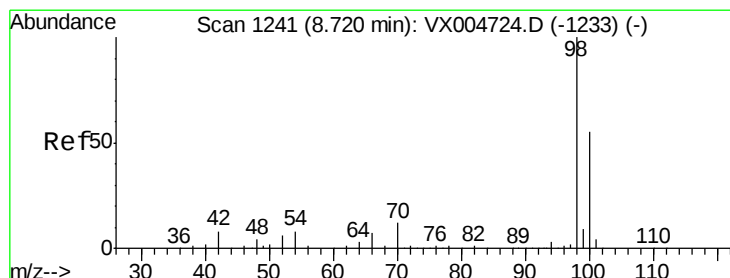
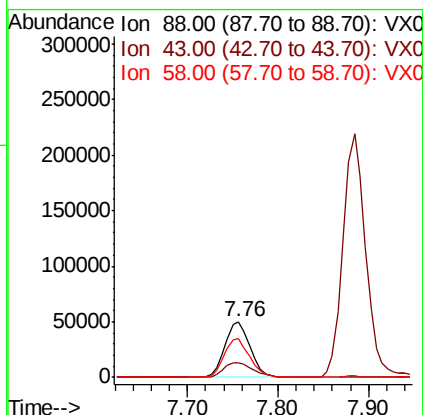
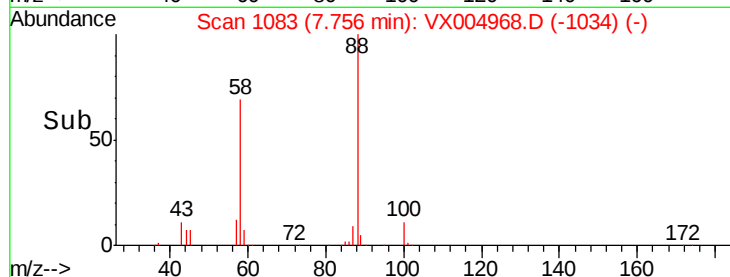
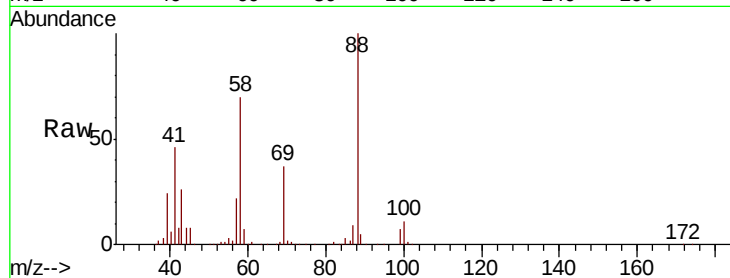




#49
1,4-Dioxane
Concen: 967.337 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

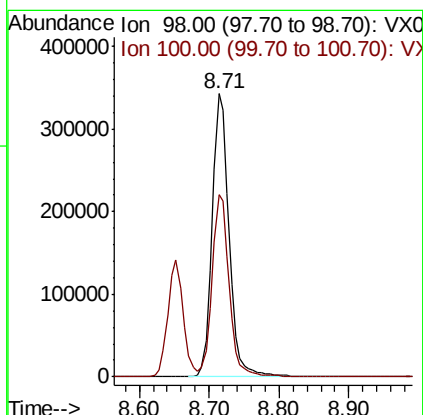
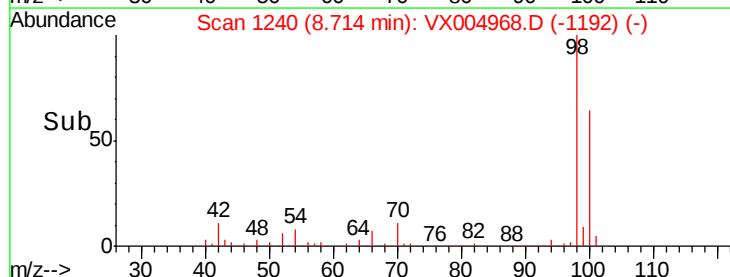
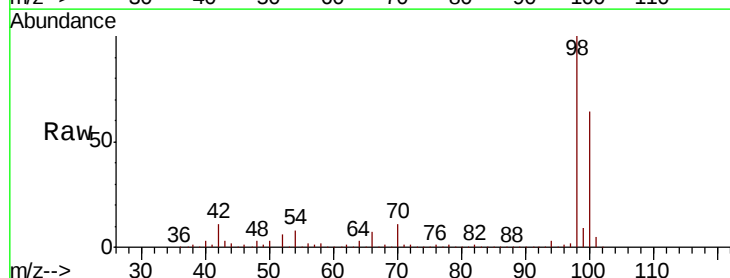
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

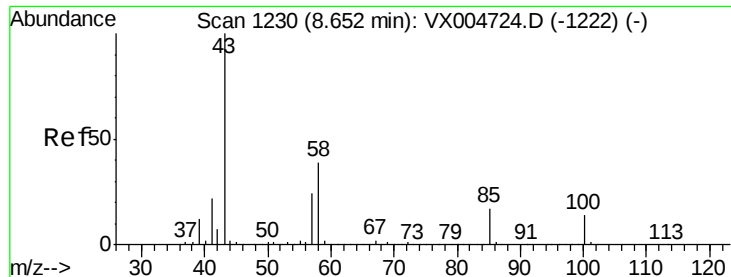
Tot Ion: 88 Resp: 96506
Ion Ratio Lower Upper
88 100
43 31.2 25.1 37.7
58 71.9 56.2 84.2



#50
Toluene-d8
Concen: 50.979 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Tgt Ion: 98 Resp: 573618
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9

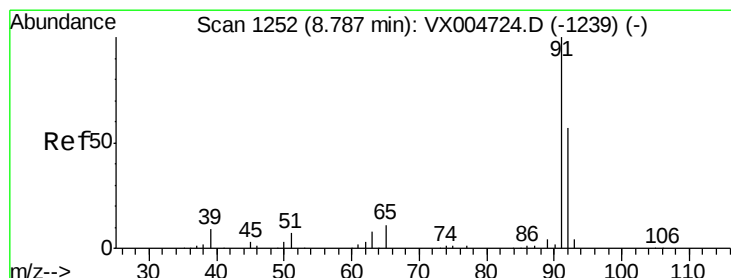
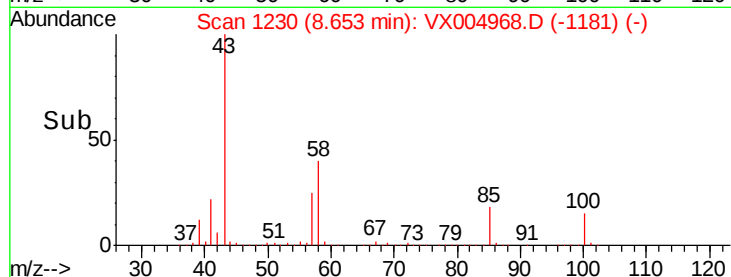
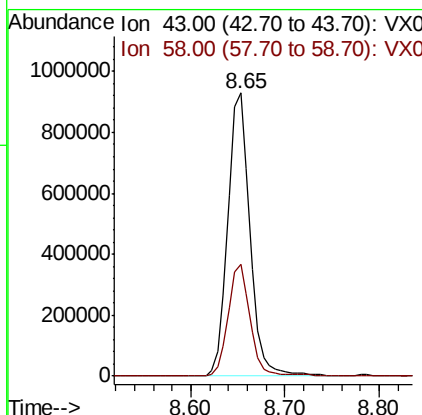
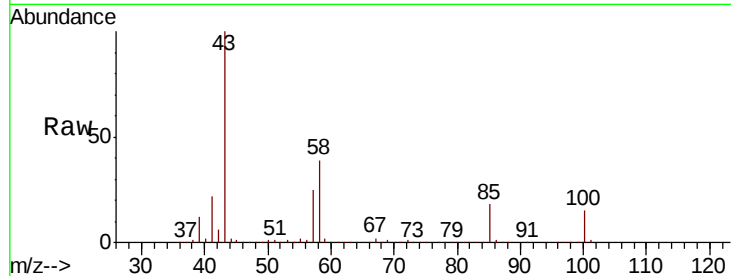




#51
4-Methyl-2-Pentanone
Concen: 273.013 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

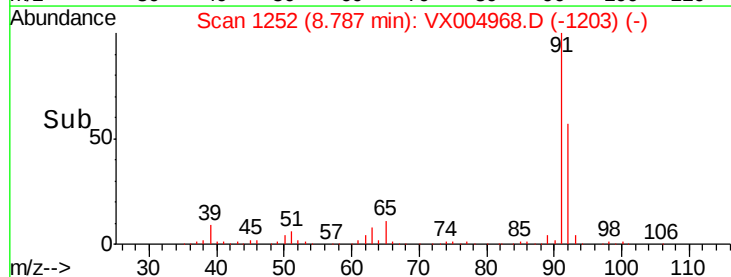
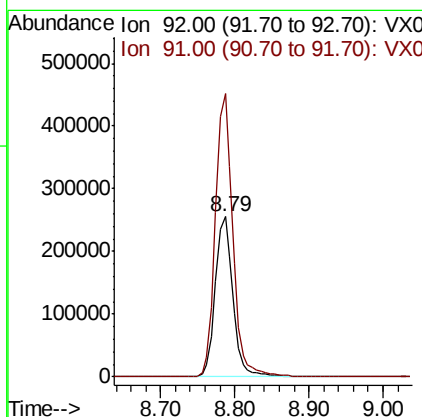
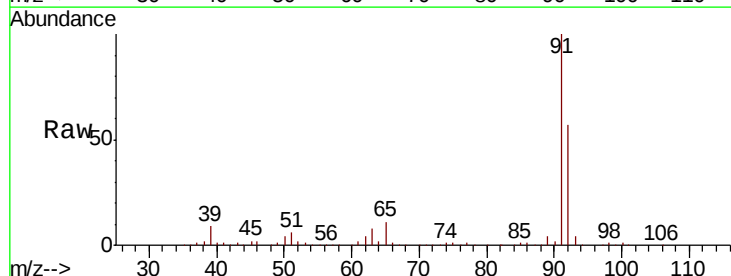
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

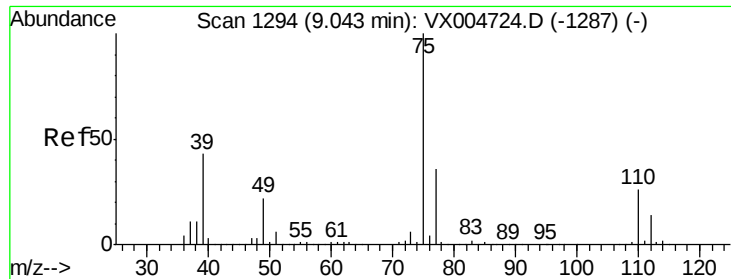
Tot Ion: 43 Resp: 1520863
Ion Ratio Lower Upper
43 100
58 39.4 30.5 45.7



#52
Toluene
Concen: 52.409 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Tgt Ion: 92 Resp: 416329
Ion Ratio Lower Upper
92 100
91 175.6 136.7 205.1

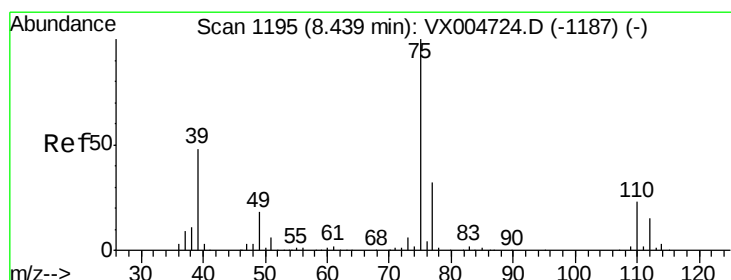
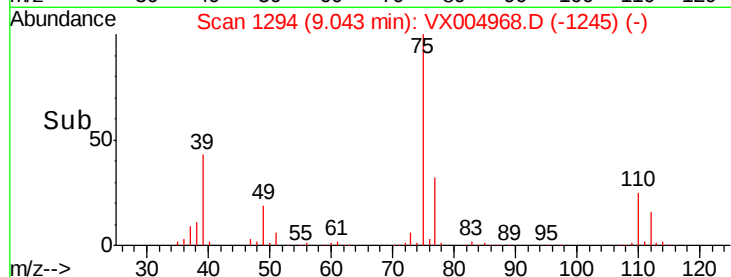
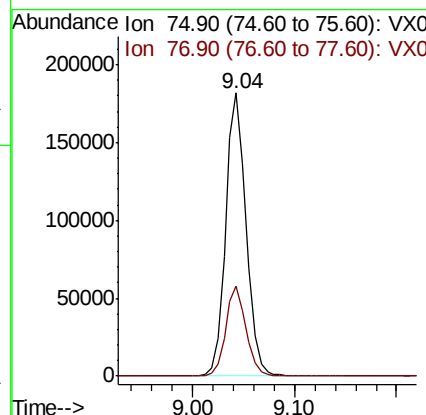
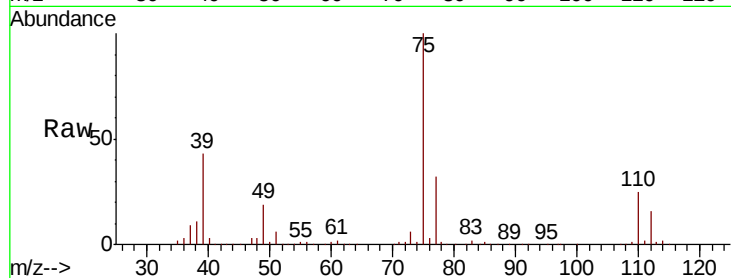




#53
 t-1,3-Dichloropropene
 Concen: 53.539 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX004968.D
 Acq: 03 Oct 2018 14:46

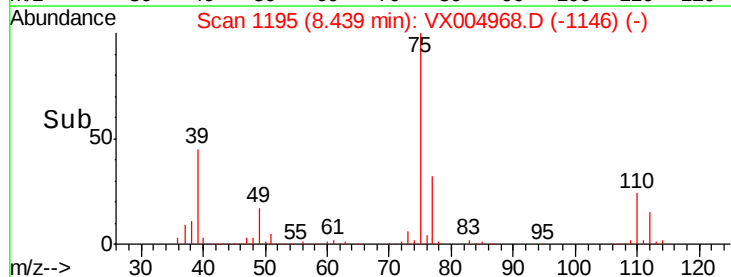
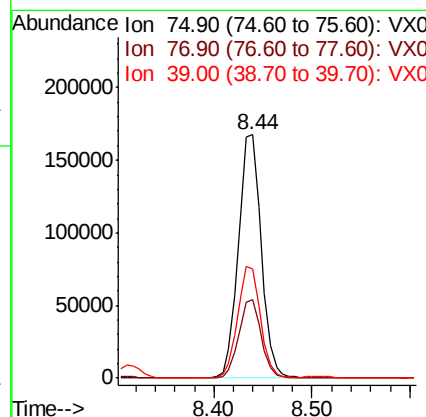
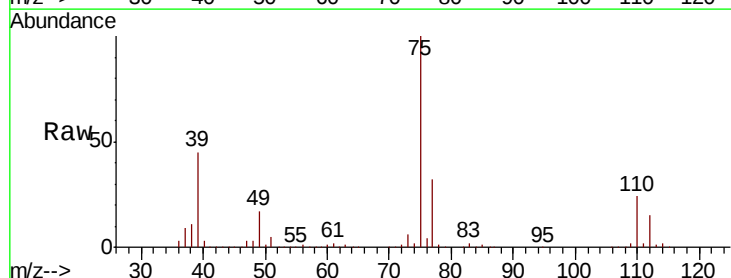
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 252383
 Ion Ratio Lower Upper
 75 100
 77 31.7 28.9 43.3



#54
 cis-1,3-Dichloropropene
 Concen: 55.344 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: VX004968.D
 Acq: 03 Oct 2018 14:46

Tgt Ion: 75 Resp: 273267
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.7 38.5
 39 44.7 38.3 57.5

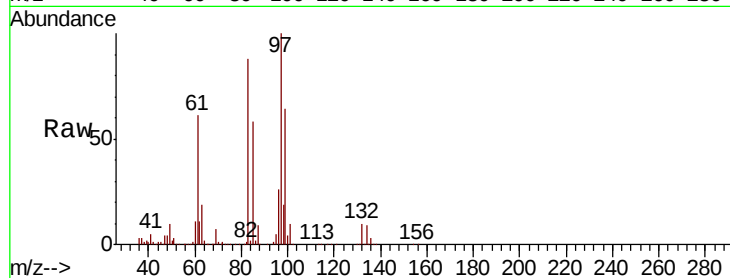




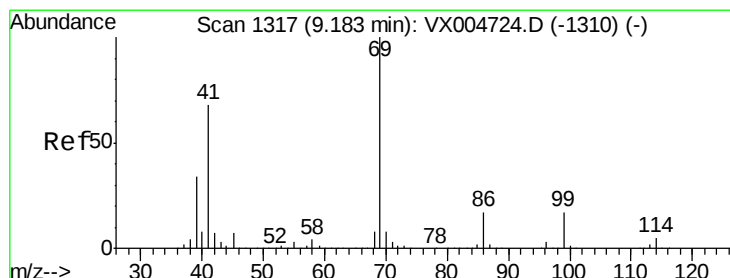
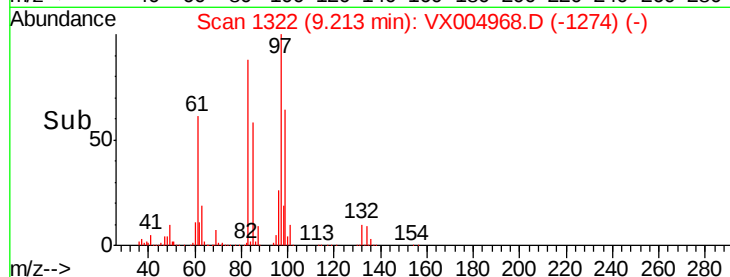
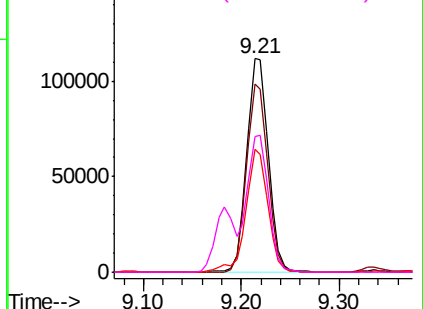
#55
 1,1,2-Trichloroethane
 Concen: 49.303 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: VX004968.D
 Acq: 03 Oct 2018 14:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	171559
Ion	Ratio	Lower	Upper
97	100		
83	88.1	68.2	102.2
85	57.6	49.9	74.9
99	63.7	48.9	73.3

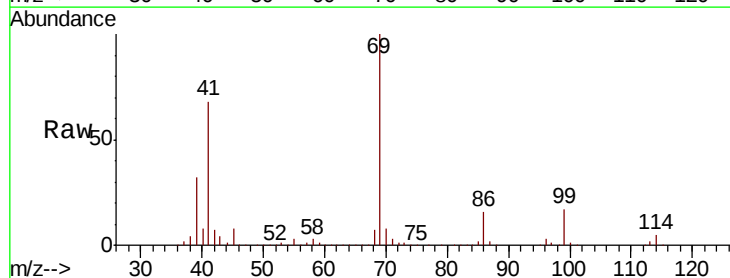


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

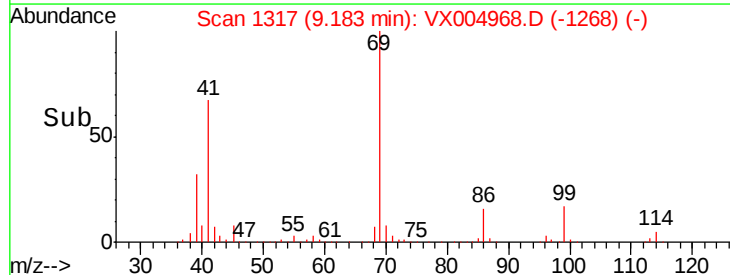
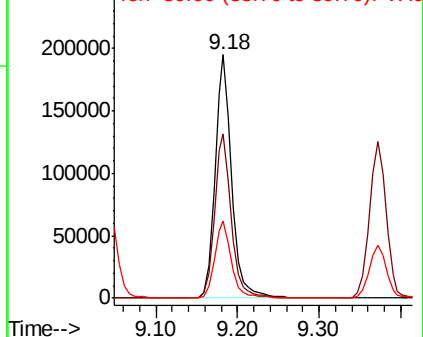


#56
 Ethyl methacrylate
 Concen: 49.718 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX004968.D
 Acq: 03 Oct 2018 14:46

Tgt Ion:	69	Resp:	280642
Ion	Ratio	Lower	Upper
69	100		
41	68.4	56.9	85.3
39	31.9	28.4	42.6



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





#57

1,3-Dichloropropane

Concen: 50.339 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

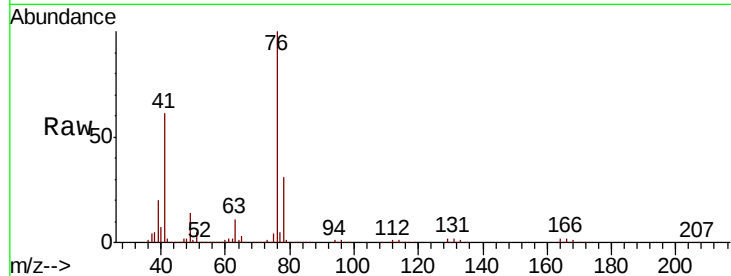
VSTDCCC050

Tot Ion: 76 Resp: 291527

Ion Ratio Lower Upper

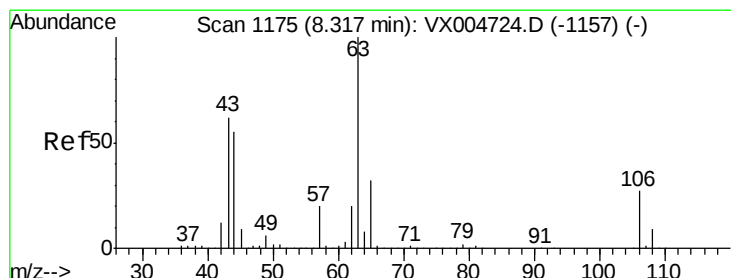
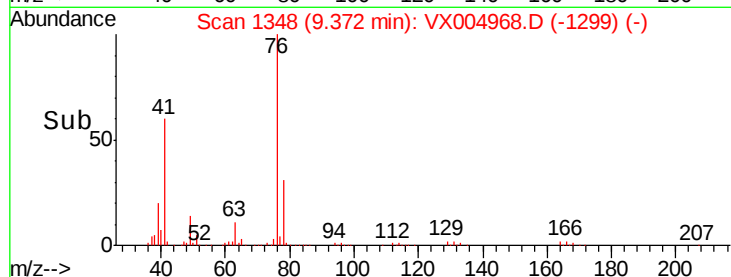
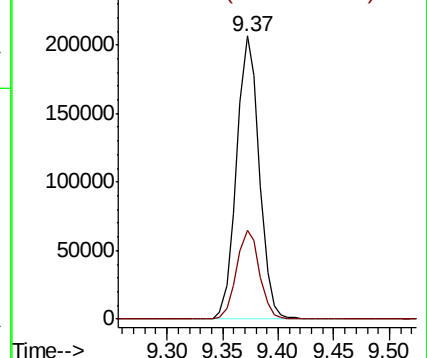
76 100

78 31.9 26.6 40.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 249.861 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VX004968.D

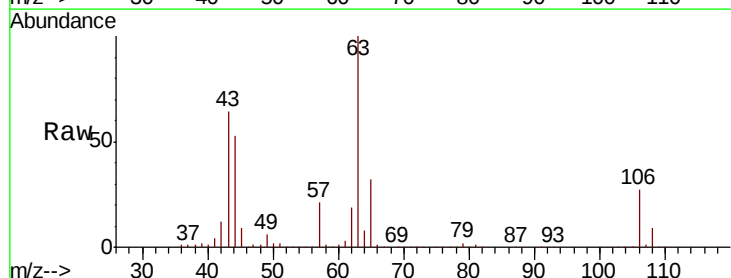
Acq: 03 Oct 2018 14:46

Tgt Ion: 63 Resp: 749117

Ion Ratio Lower Upper

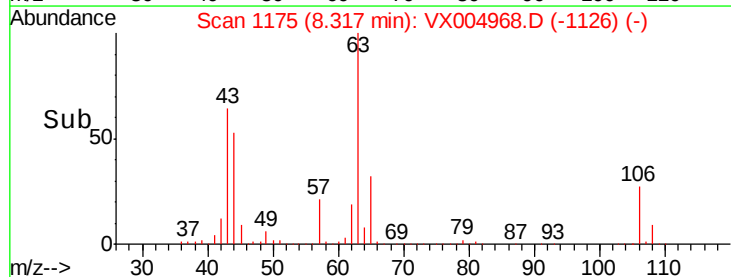
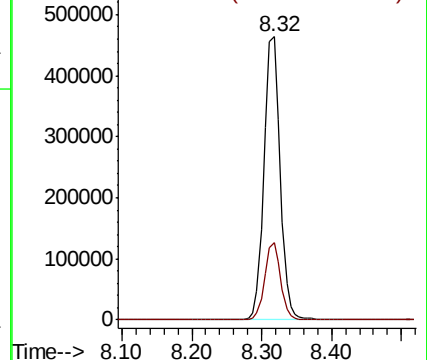
63 100

106 26.7 21.0 31.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

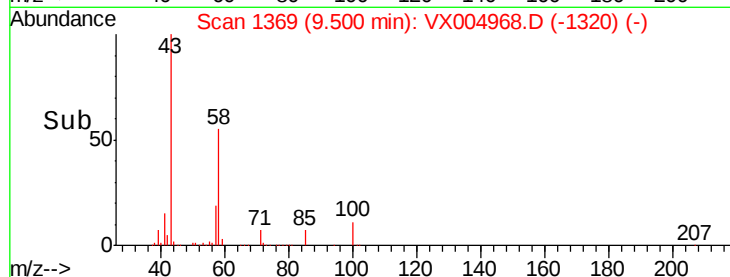
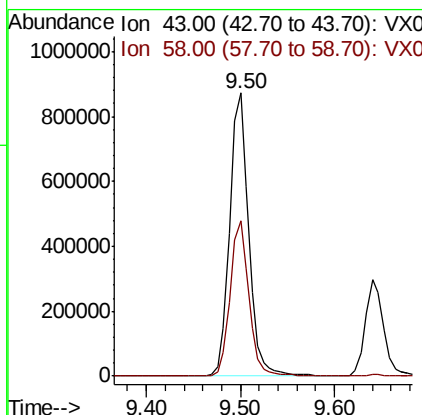
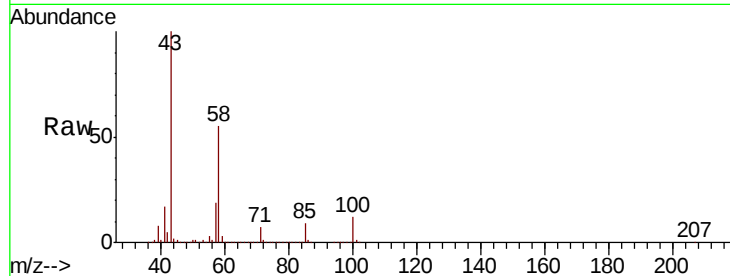




#59
2-Hexanone
Concen: 263.910 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

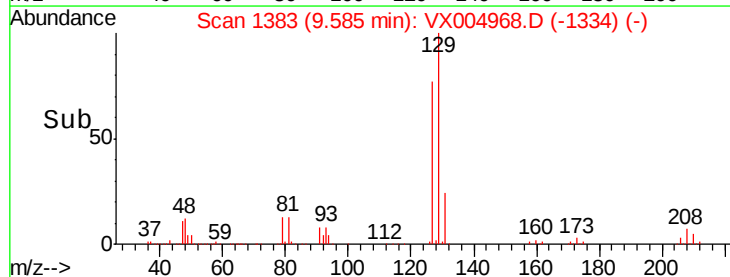
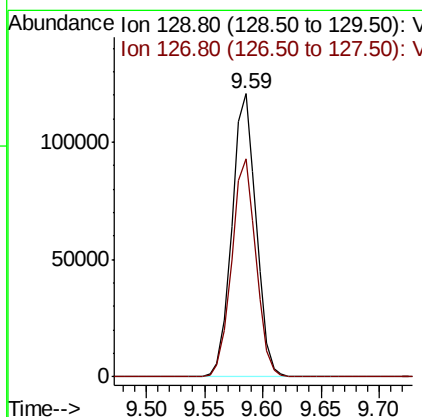
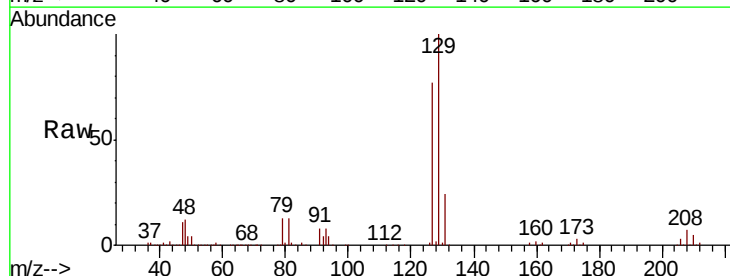
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

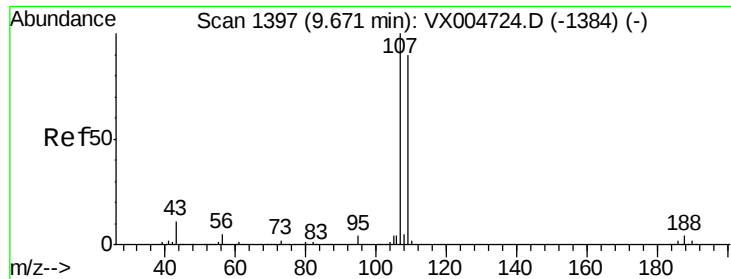
Tot Ion: 43 Resp: 1225109
Ion Ratio Lower Upper
43 100
58 54.5 28.4 85.3



#60
Dibromochloromethane
Concen: 50.153 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Tgt Ion: 129 Resp: 174530
Ion Ratio Lower Upper
129 100
127 76.6 39.1 117.2





#61

1,2-Dibromoethane

Concen: 48.532 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

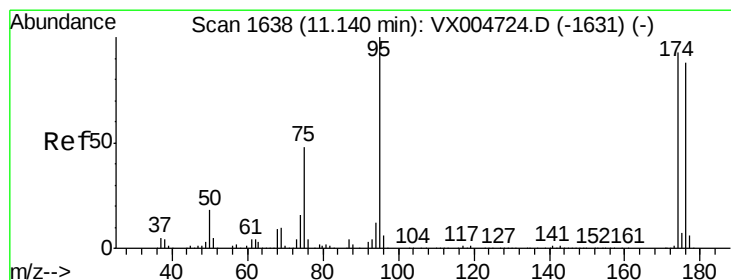
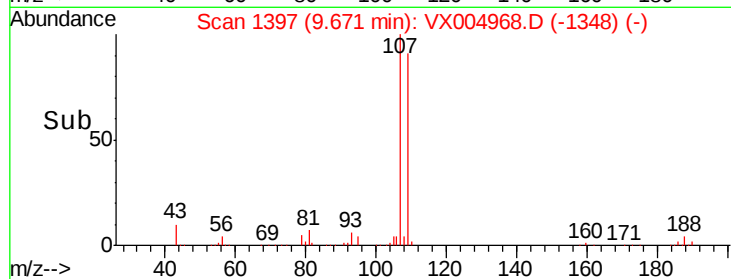
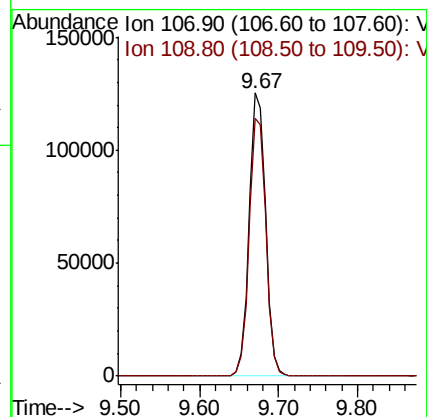
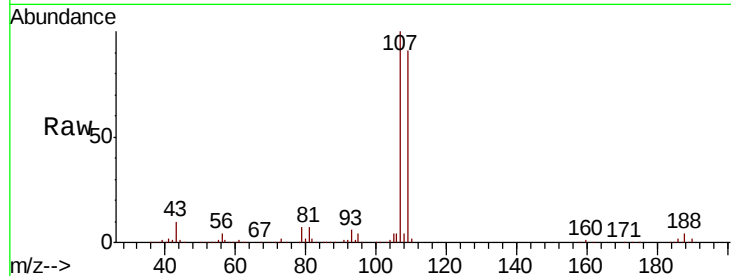
VSTDCCC050

Tot Ion:107 Resp: 180857

Ion Ratio Lower Upper

107 100

109 93.1 72.1 108.1



#62

4-Bromofluorobenzene

Concen: 53.205 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

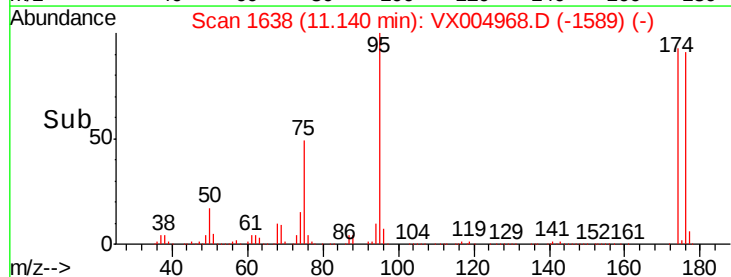
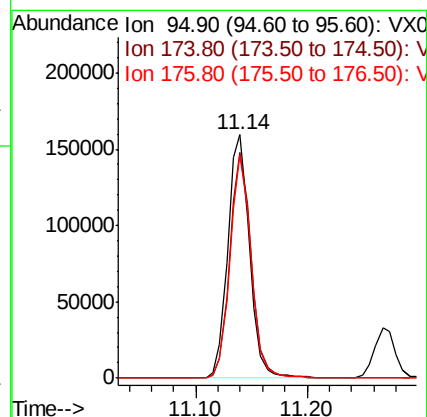
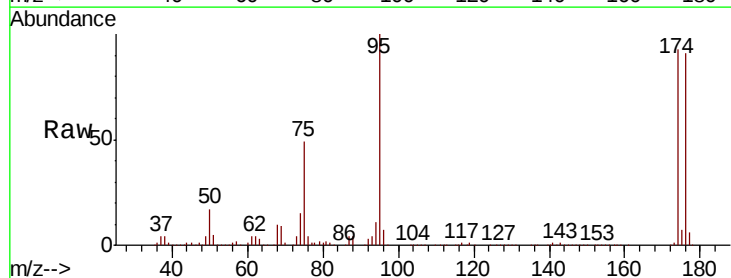
Tgt Ion: 95 Resp: 215671

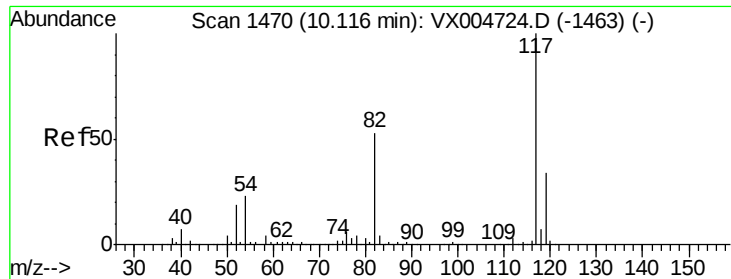
Ion Ratio Lower Upper

95 100

174 91.3 0.0 185.0

176 88.5 0.0 180.2

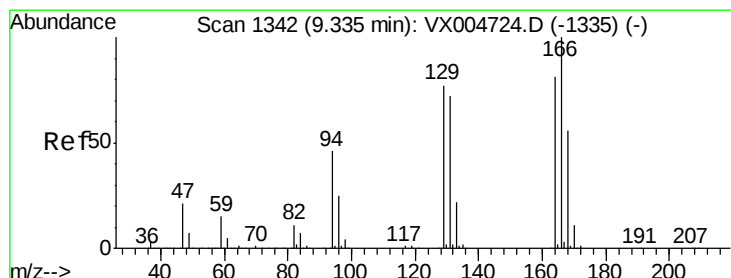
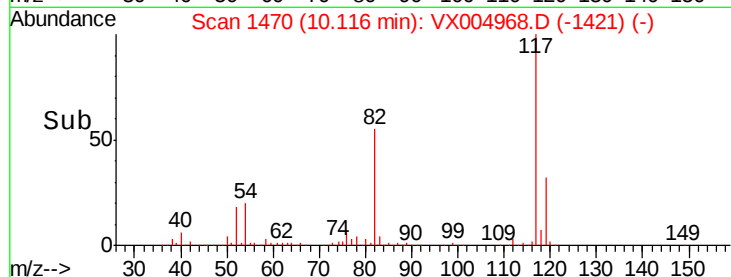
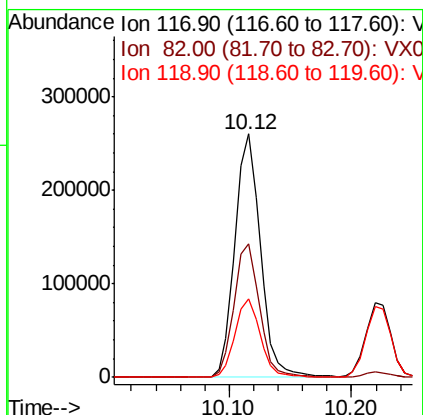
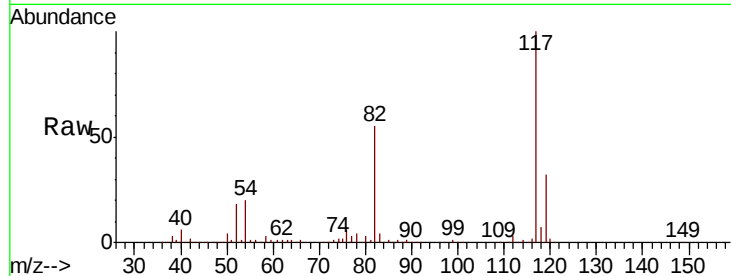




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

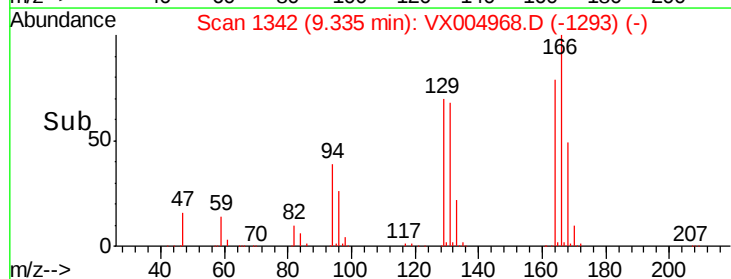
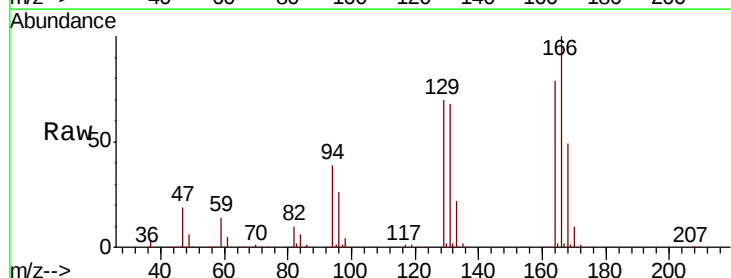
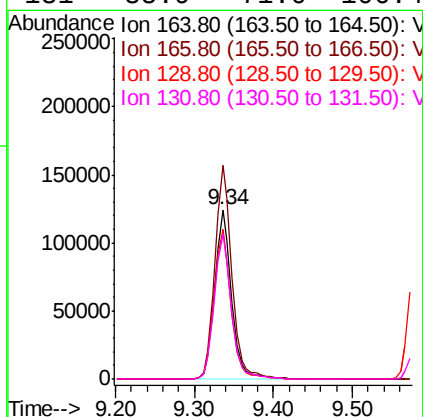
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

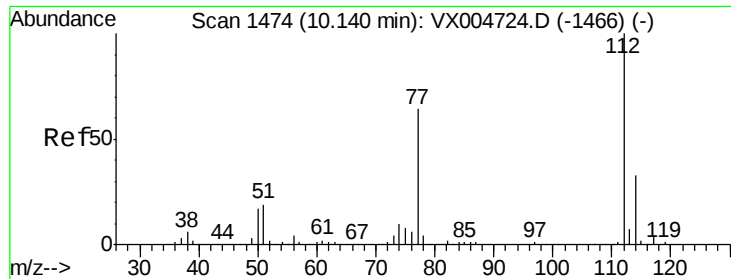
Tot Ion:117 Resp: 376328
Ion Ratio Lower Upper
117 100
82 54.8 42.2 63.4
119 32.3 27.4 41.0



#64
Tetrachloroethene
Concen: 49.857 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Tgt Ion:164 Resp: 184664
Ion Ratio Lower Upper
164 100
166 126.3 98.4 147.6
129 88.5 76.1 114.1
131 85.9 71.0 106.4

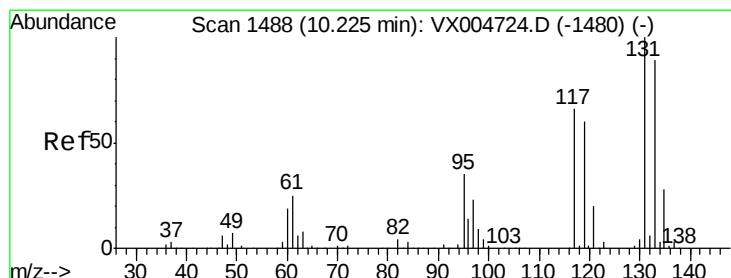
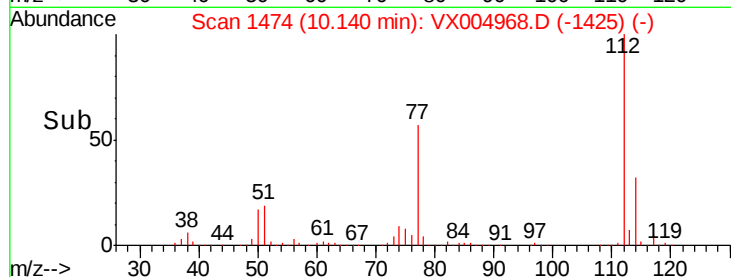
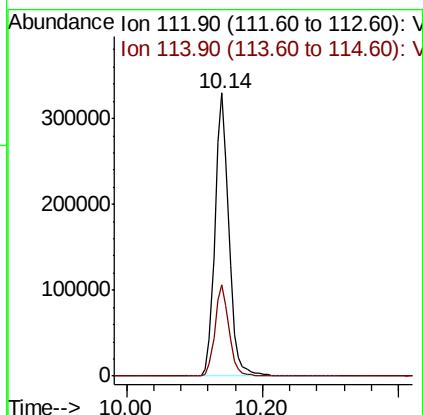
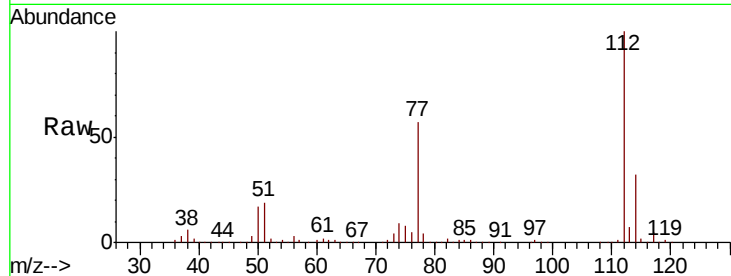




#65
Chlorobenzene
Concen: 48.731 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

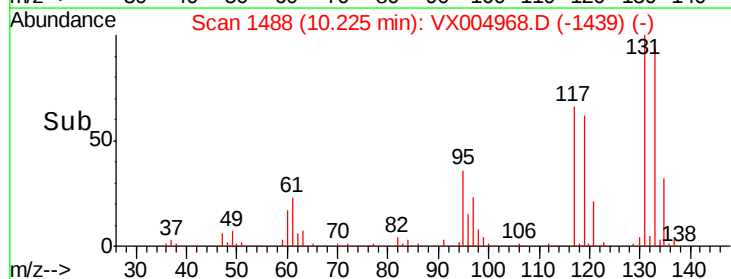
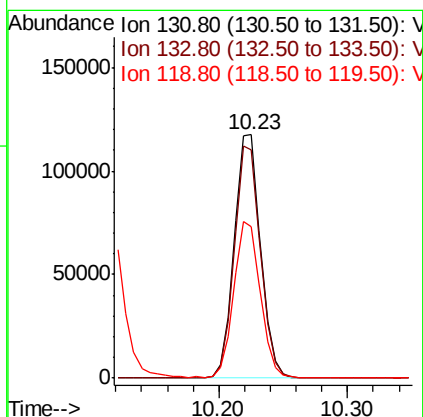
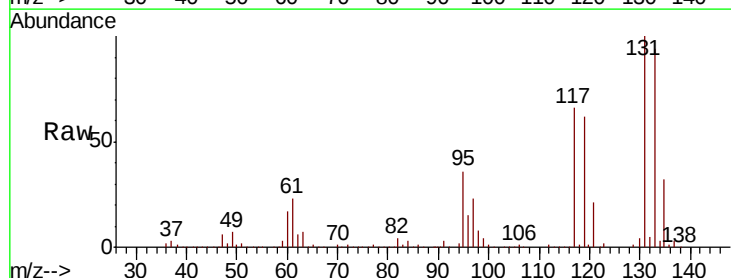
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 470263
Ion Ratio Lower Upper
112 100
114 32.1 26.7 40.1



#66
1,1,1,2-Tetrachloroethane
Concen: 49.388 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Tgt Ion:131 Resp: 167552
Ion Ratio Lower Upper
131 100
133 94.5 48.4 145.0
119 65.0 32.3 96.8

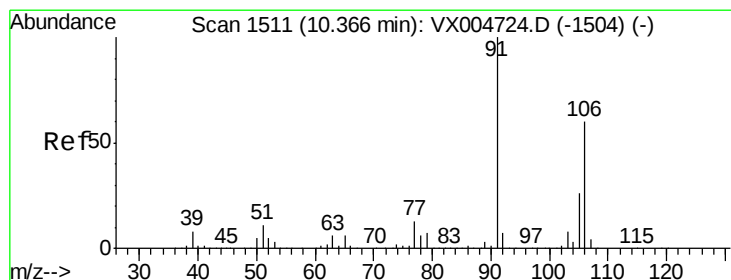
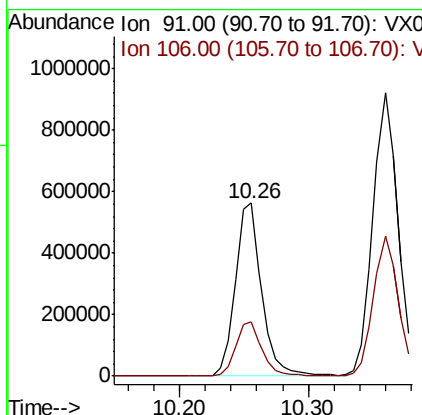
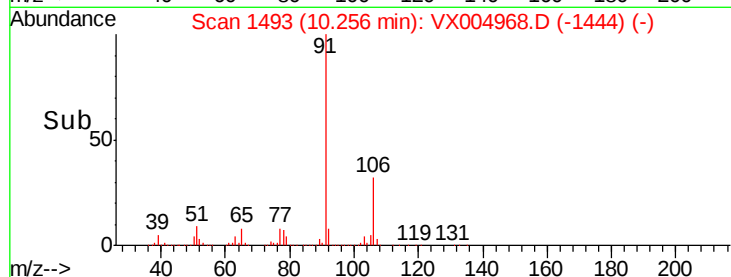
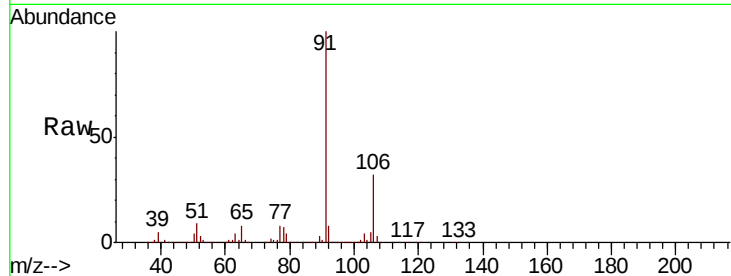




#67
Ethyl Benzene
Concen: 52.322 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

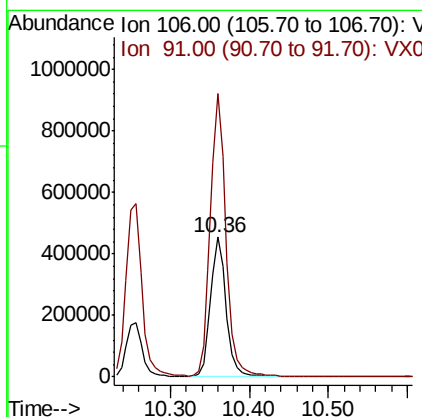
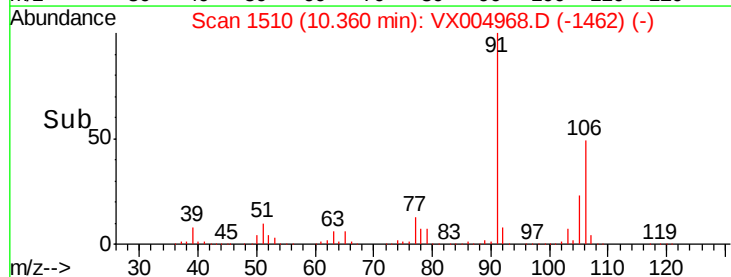
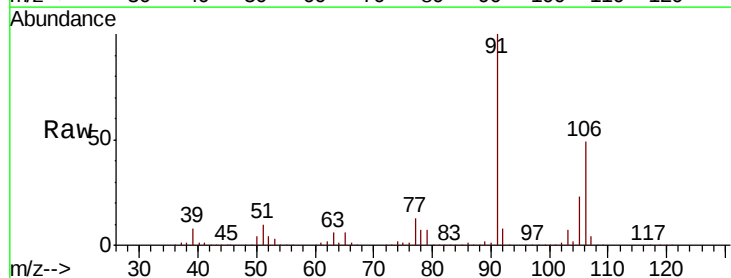
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

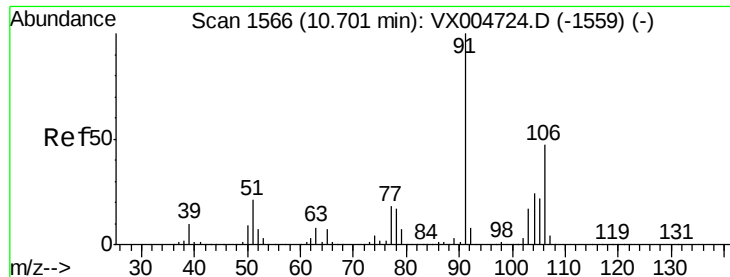
Tot Ion: 91 Resp: 801612
Ion Ratio Lower Upper
91 100
106 31.7 26.9 40.3



#68
m/p-Xylenes
Concen: 104.698 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Tgt Ion: 106 Resp: 626818
Ion Ratio Lower Upper
106 100
91 203.8 157.5 236.3

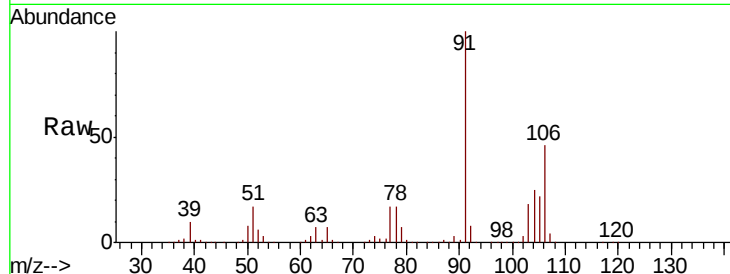




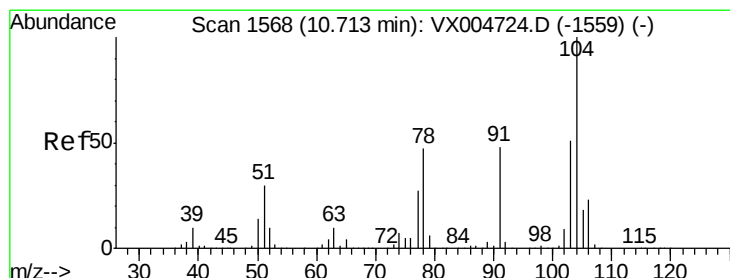
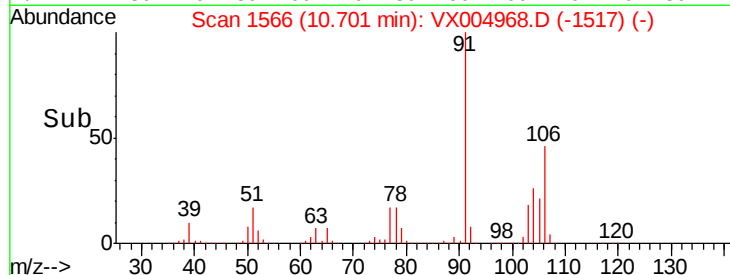
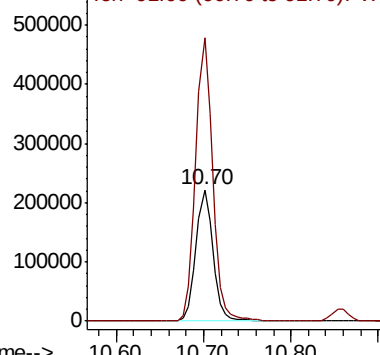
#69
o-Xylene
Concen: 54.654 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 300542
Ion Ratio Lower Upper
106 100
91 214.4 108.3 324.8

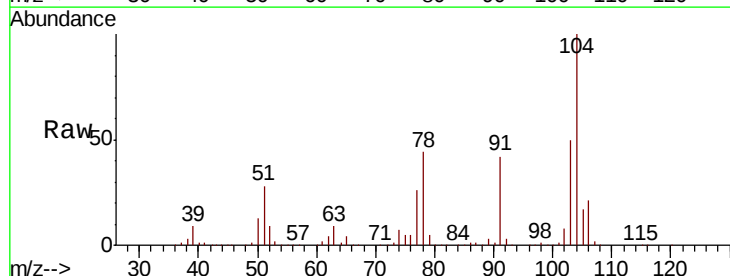


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

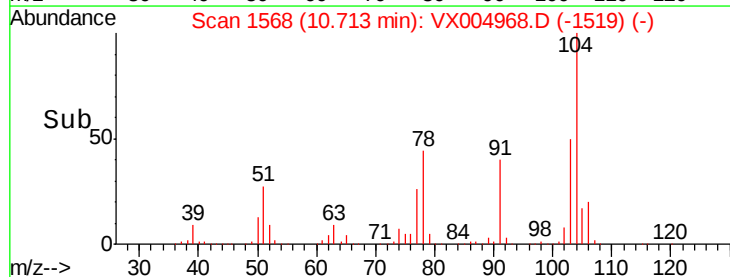
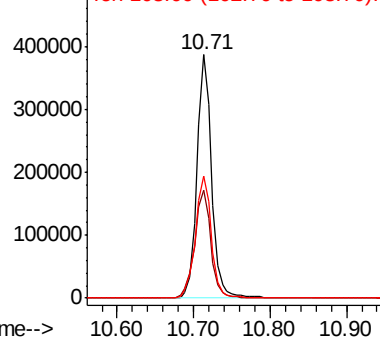


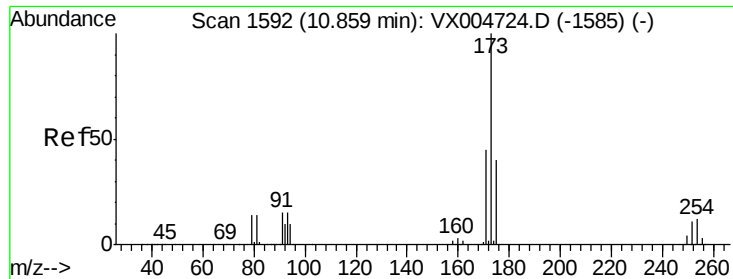
#70
Styrene
Concen: 49.526 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Tgt Ion:104 Resp: 509145
Ion Ratio Lower Upper
104 100
78 49.5 40.0 60.0
103 55.5 44.3 66.5



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: 49.061 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

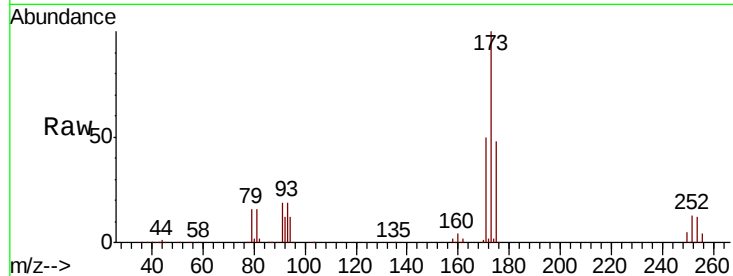
Tot Ion:173 Resp: 142496

Ion Ratio Lower Upper

173 100

175 49.2 23.3 69.8

254 0.2 0.2 0.2

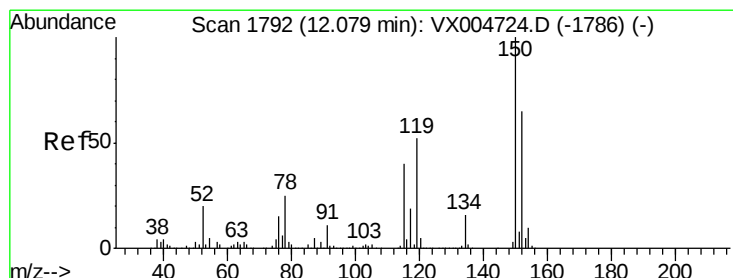
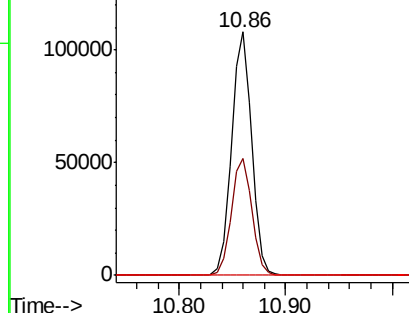
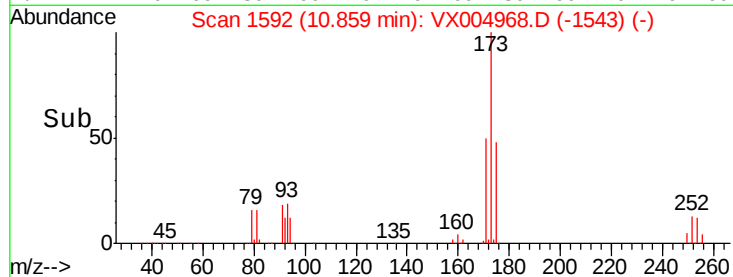


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

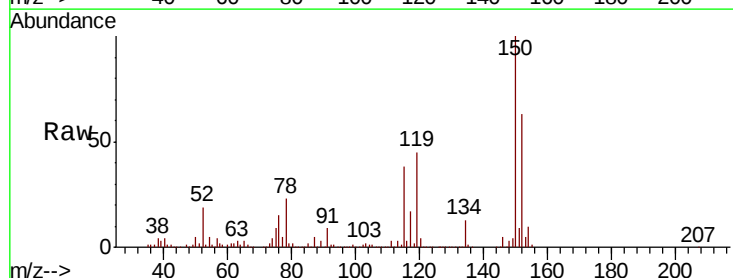
Tgt Ion:152 Resp: 233411

Ion Ratio Lower Upper

152 100

115 79.1 40.2 120.6

150 174.4 0.0 351.0

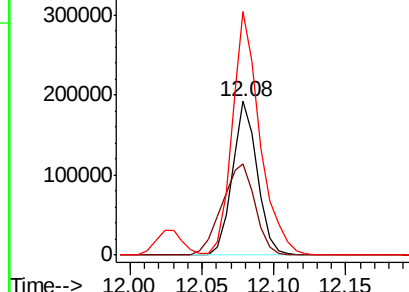
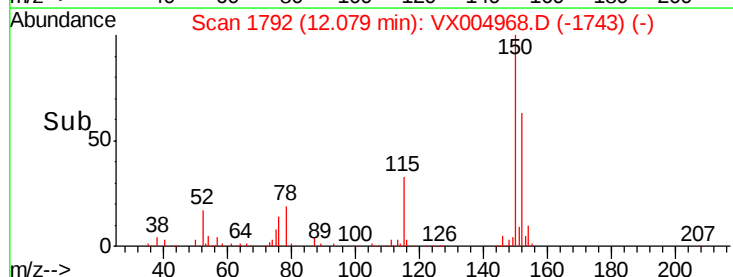


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.469 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

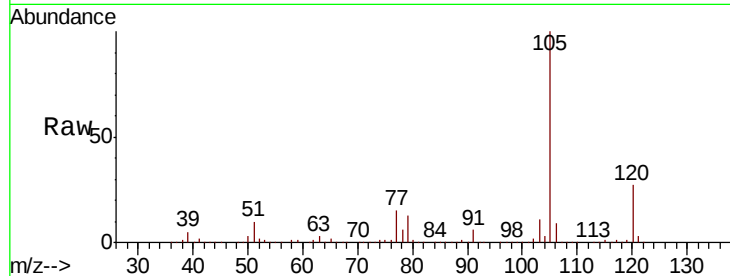
VSTDCCC050

Tot Ion: 105 Resp: 816069

Ion Ratio Lower Upper

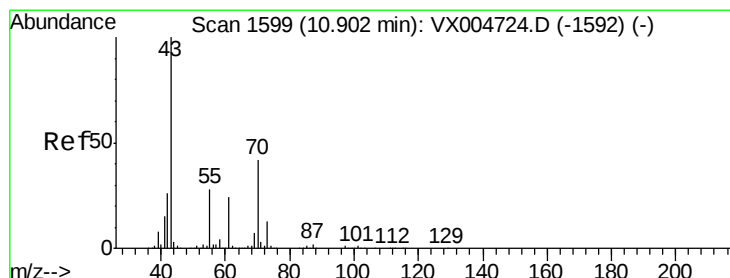
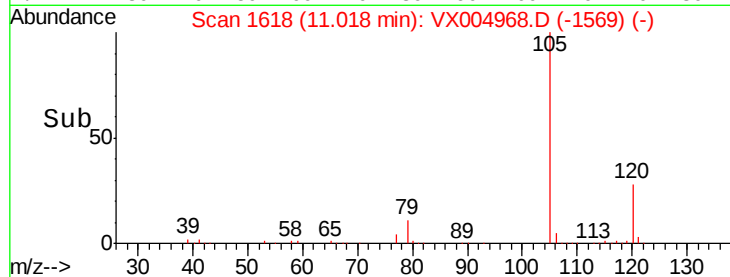
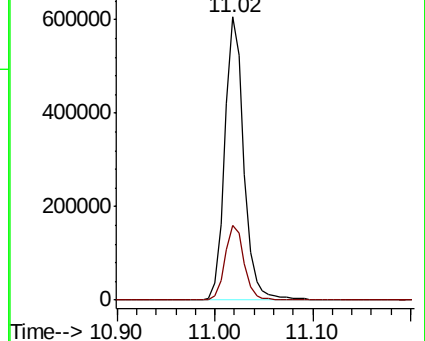
105 100

120 26.8 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.065 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

Tgt Ion: 43 Resp: 388111

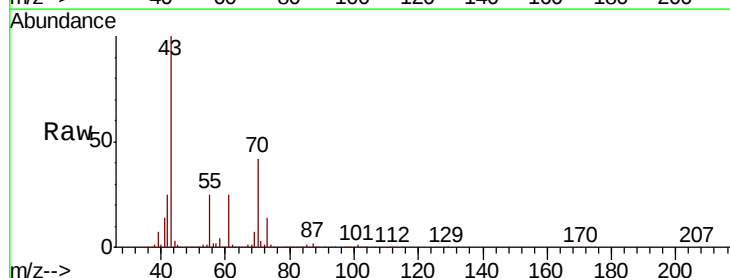
Ion Ratio Lower Upper

43 100

70 41.2 32.6 48.8

55 24.5 21.6 32.4

61 24.3 19.1 28.7

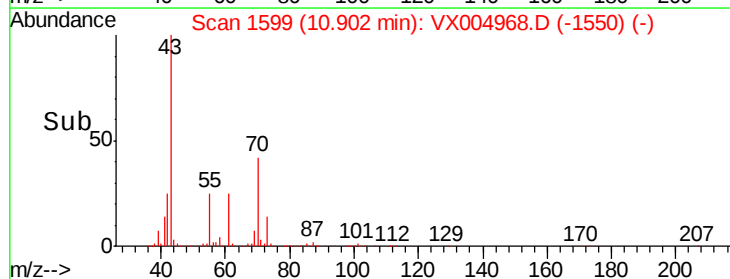
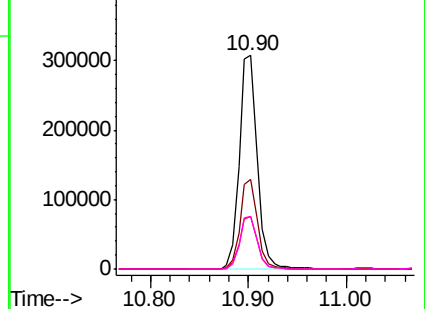


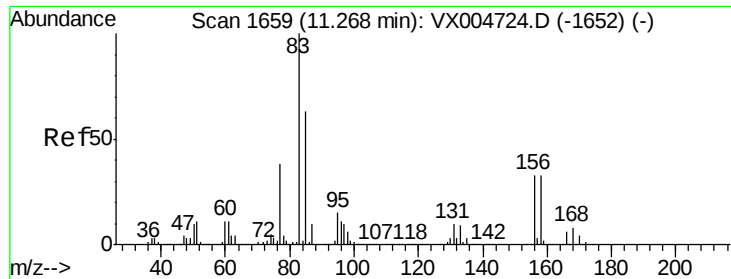
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 47.419 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

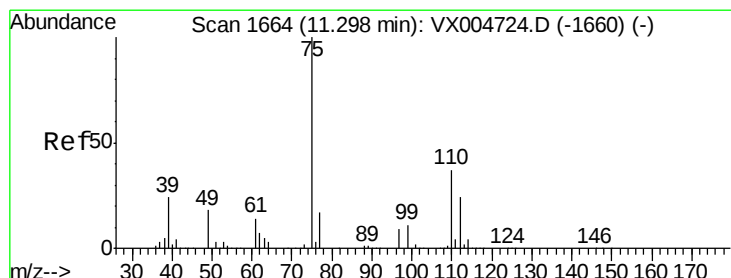
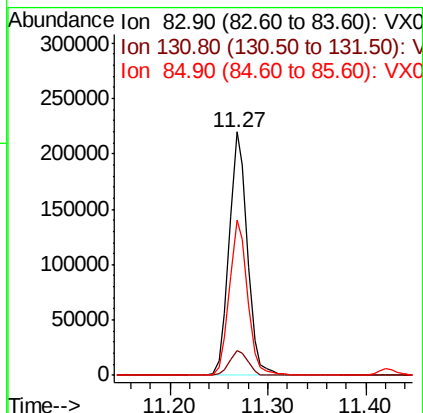
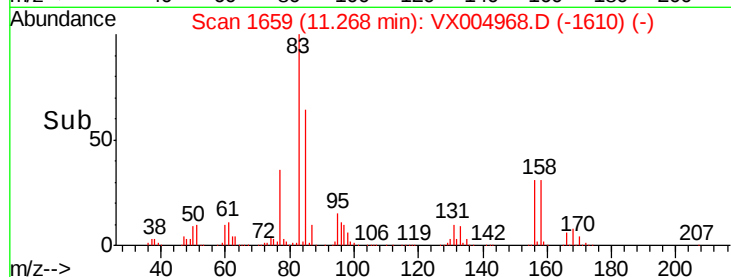
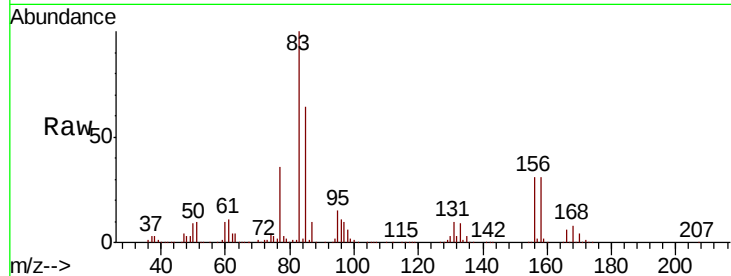
Tot Ion: 83 Resp: 283985

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.3

85 63.9 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 63.212 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX004968.D

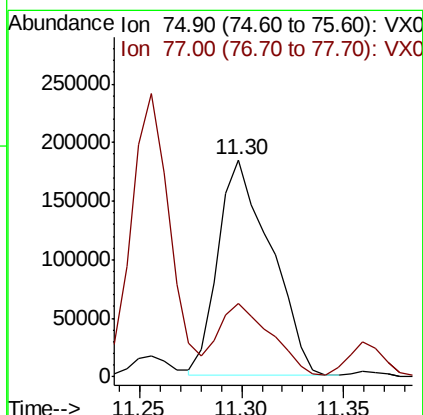
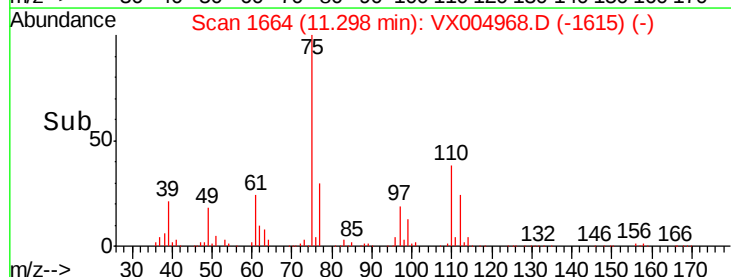
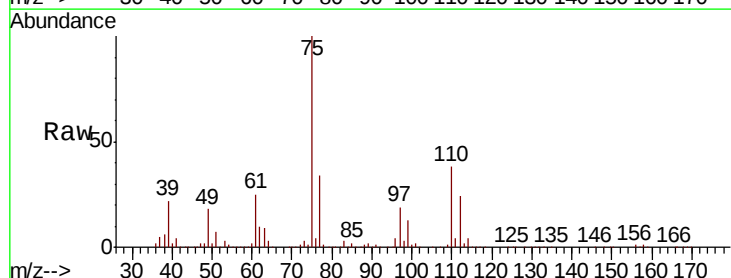
Acq: 03 Oct 2018 14:46

Tgt Ion: 75 Resp: 330701

Ion Ratio Lower Upper

75 100

77 33.9 21.4 64.3





#77

Bromobenzene

Concen: 50.427 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

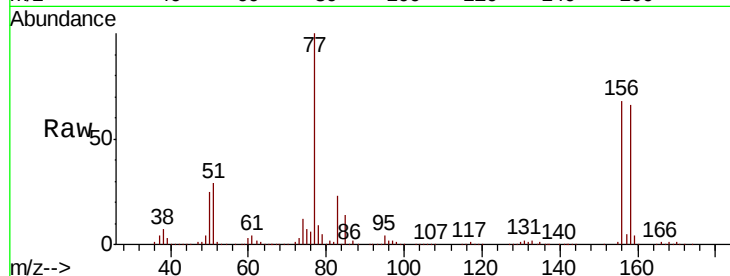
Tot Ion:156 Resp: 215489

Ion Ratio Lower Upper

156 100

77 147.0 73.4 220.2

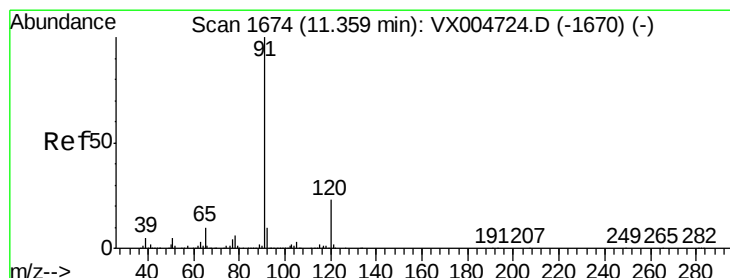
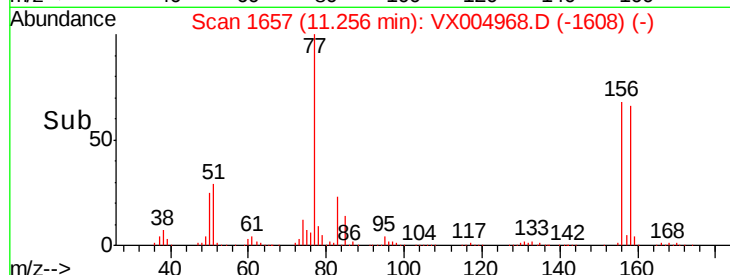
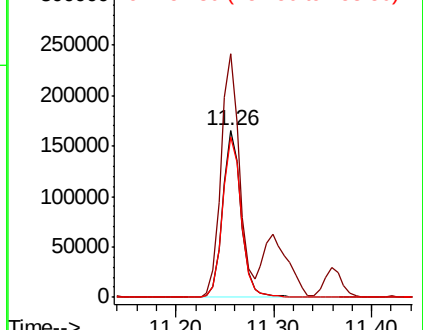
158 98.0 49.1 147.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.930 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004968.D

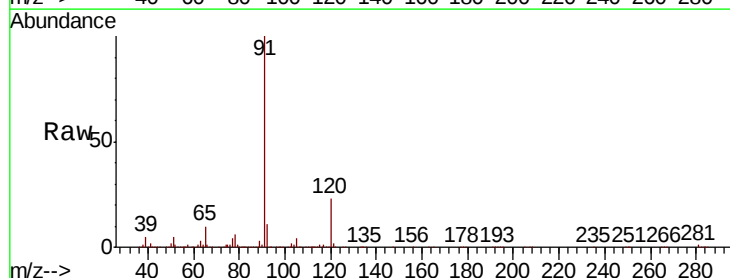
Acq: 03 Oct 2018 14:46

Tgt Ion: 91 Resp: 944135

Ion Ratio Lower Upper

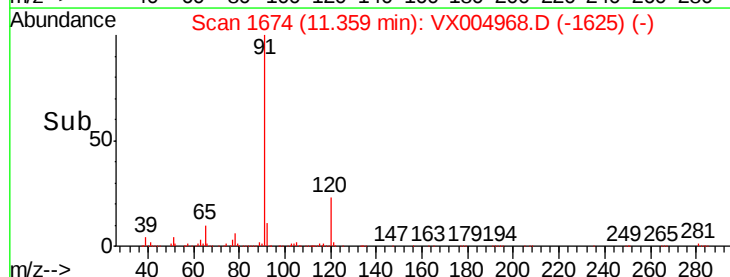
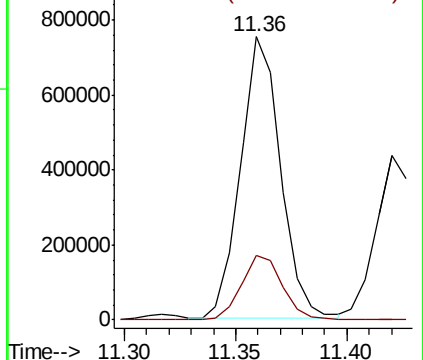
91 100

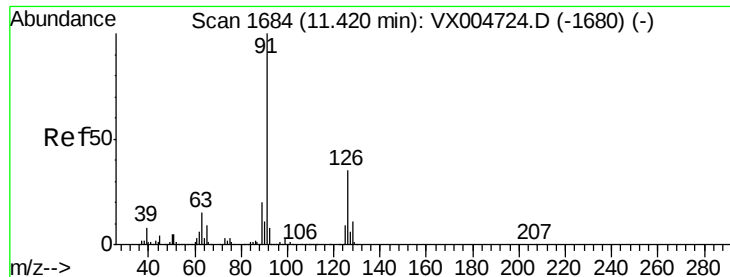
120 23.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.283 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

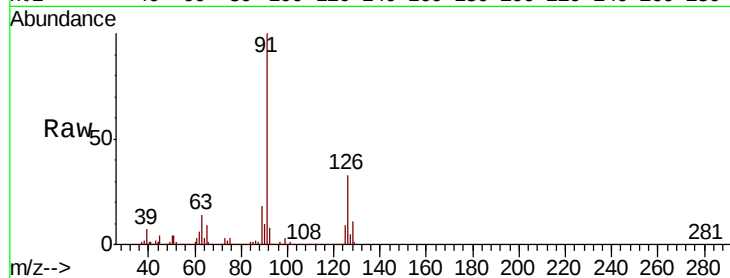
VSTDCCC050

Tot Ion: 91 Resp: 560643

Ion Ratio Lower Upper

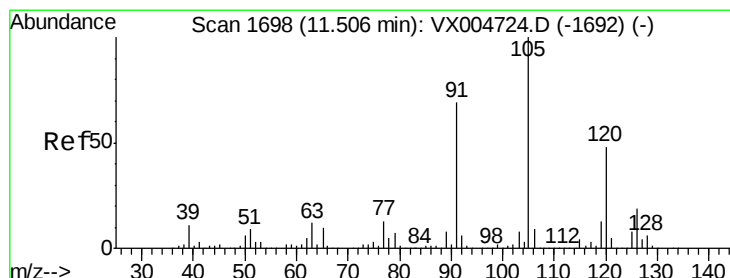
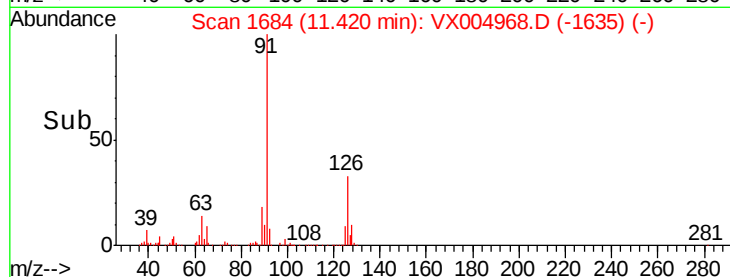
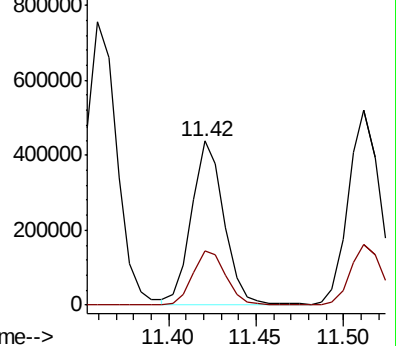
91 100

126 34.9 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.796 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004968.D

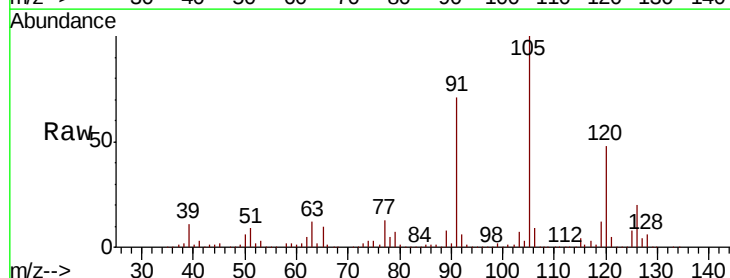
Acq: 03 Oct 2018 14:46

Tgt Ion:105 Resp: 698338

Ion Ratio Lower Upper

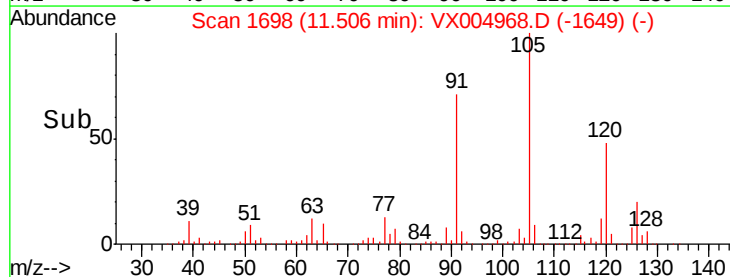
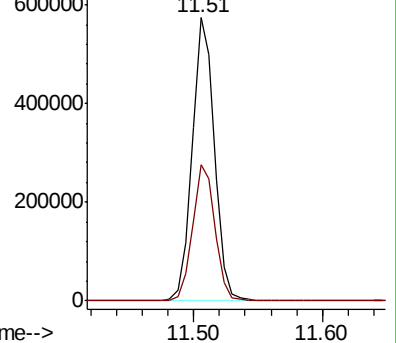
105 100

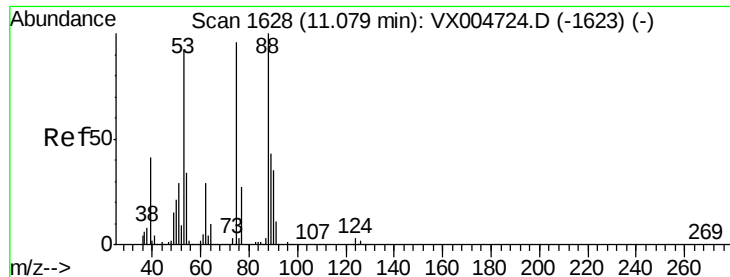
120 48.7 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 45.116 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

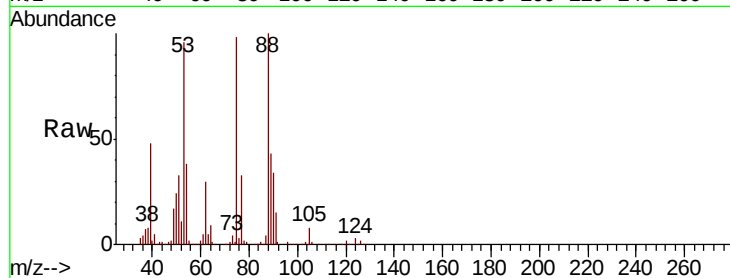
Tot Ion: 75 Resp: 86152

Ion Ratio Lower Upper

75 100

53 97.2 80.2 120.4

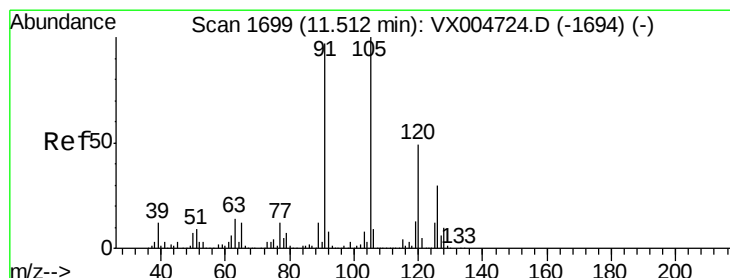
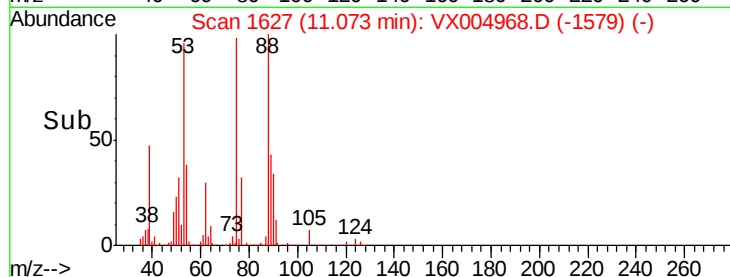
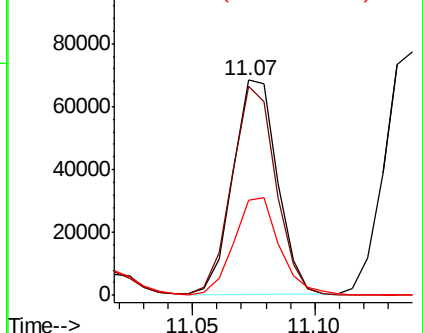
89 47.3 37.1 55.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 53.693 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX004968.D

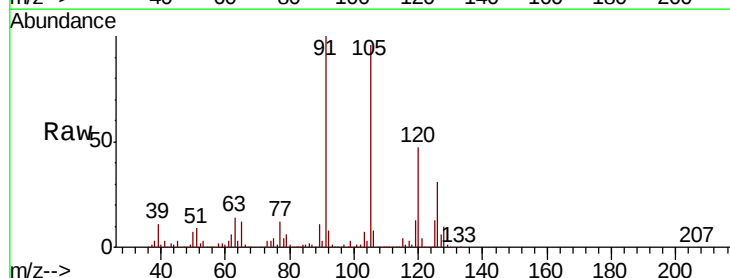
Acq: 03 Oct 2018 14:46

Tgt Ion: 91 Resp: 664972

Ion Ratio Lower Upper

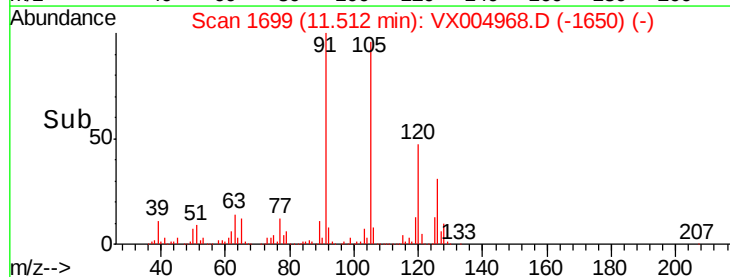
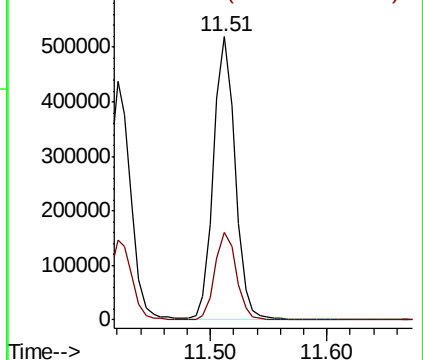
91 100

126 30.8 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

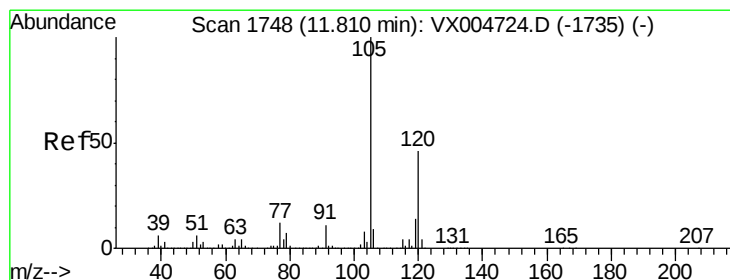
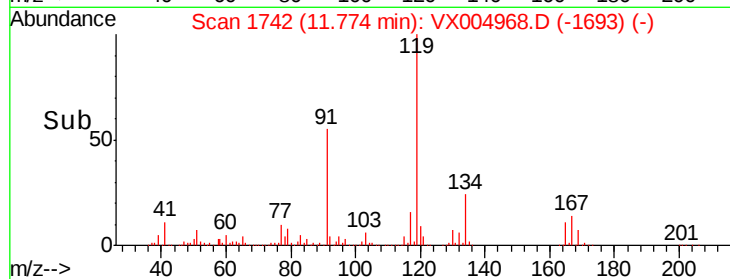
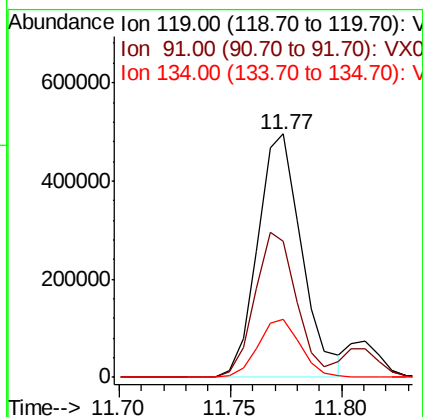
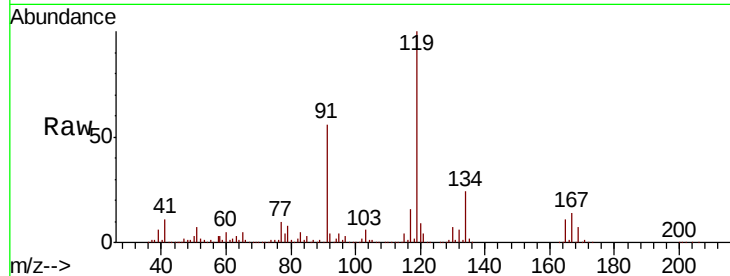




#83
 tert-Butylbenzene
 Concen: 56.485 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX004968.D
 Acq: 03 Oct 2018 14:46

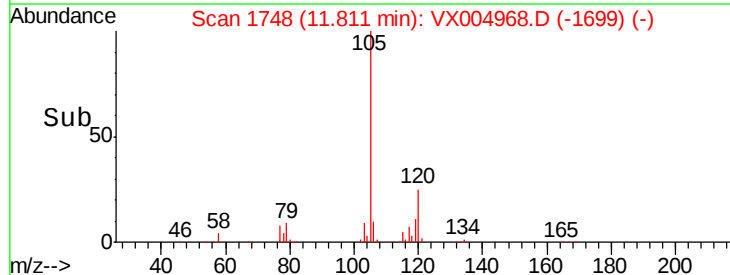
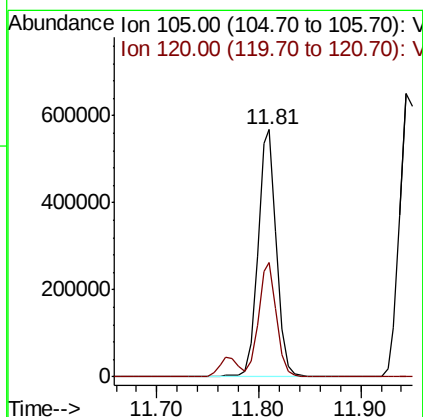
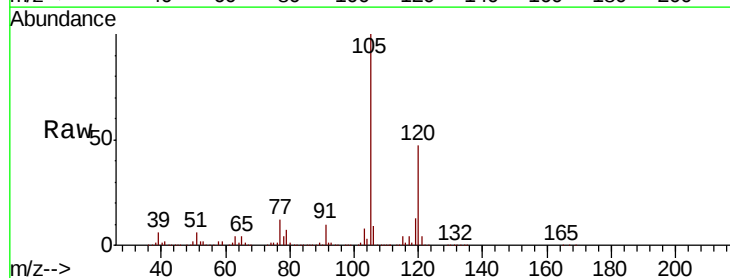
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

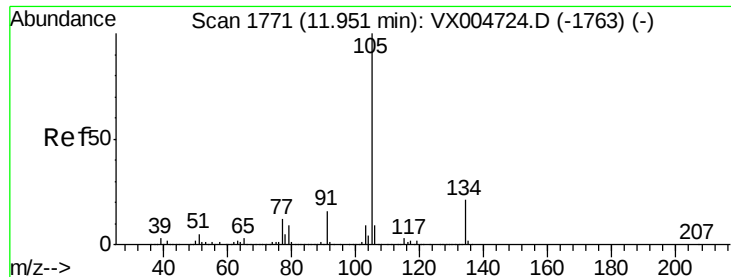
Tot Ion:119 Resp: 684207
 Ion Ratio Lower Upper
 119 100
 91 56.0 27.5 82.5
 134 23.0 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 51.690 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004968.D
 Acq: 03 Oct 2018 14:46

Tgt Ion:105 Resp: 718700
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.8 68.3





#85

sec-Butylbenzene

Concen: 56.608 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

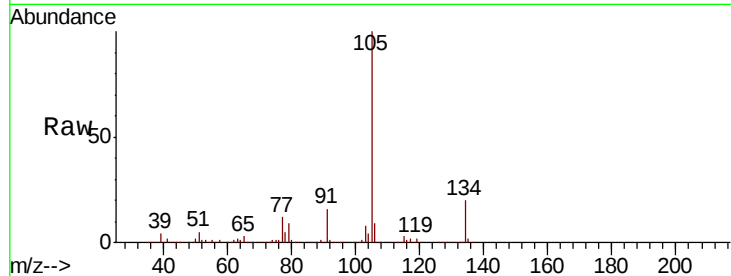
VSTDCCC050

Tot Ion:105 Resp: 835194

Ion Ratio Lower Upper

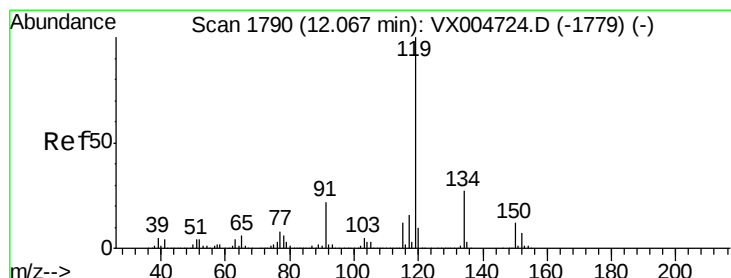
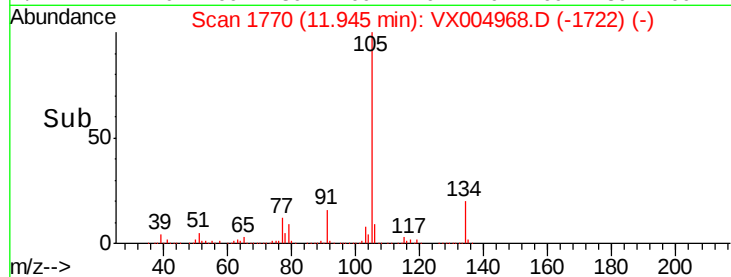
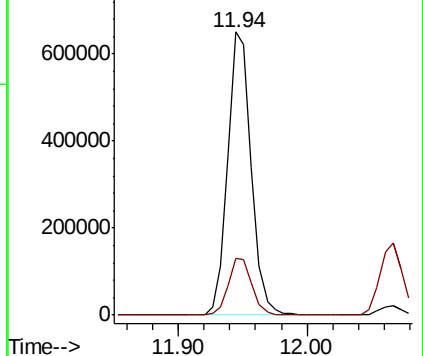
105 100

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: 56.855 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

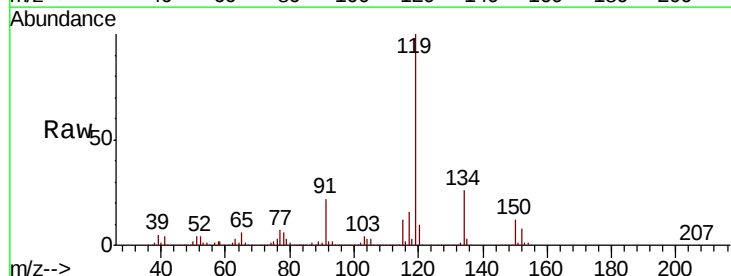
Tgt Ion:119 Resp: 759991

Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.1

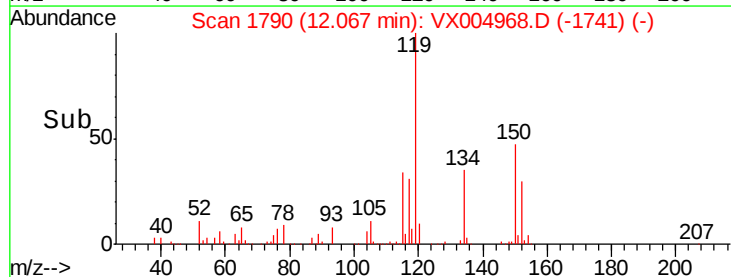
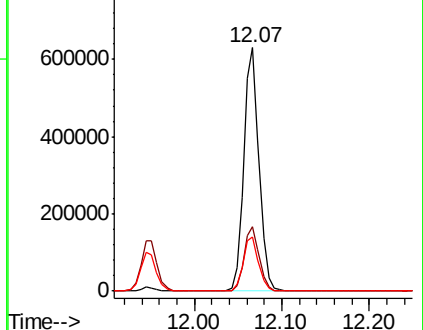
91 22.5 11.5 34.4

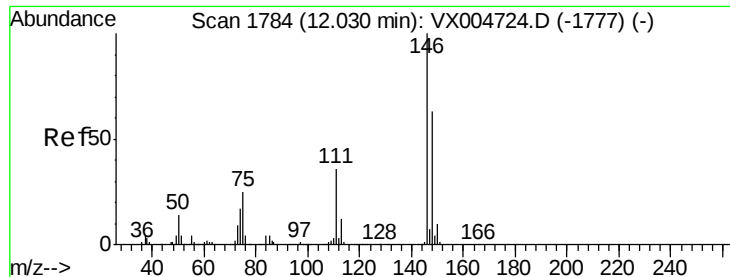


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 50.336 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

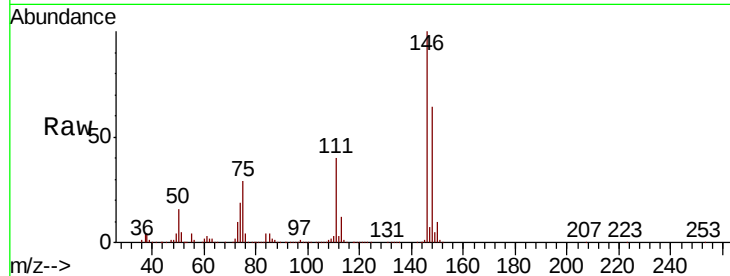
Tot Ion:146 Resp: 401656

Ion Ratio Lower Upper

146 100

111 38.3 18.9 56.9

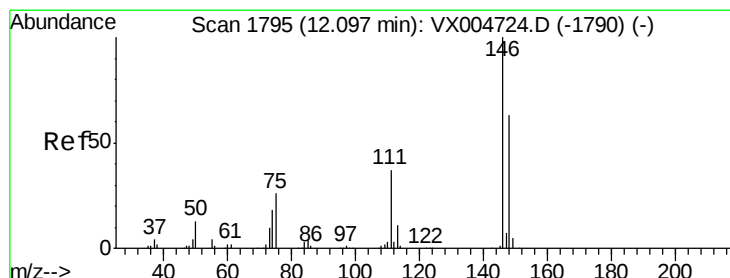
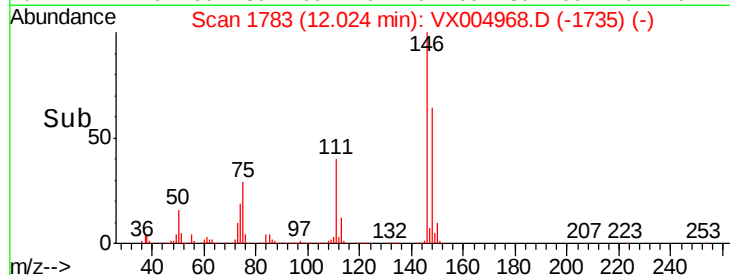
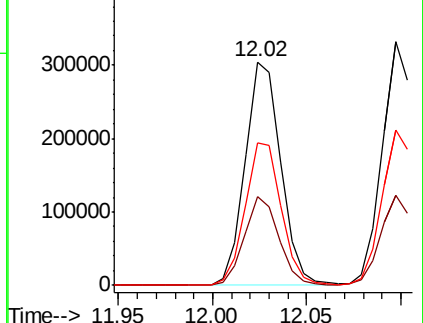
148 64.3 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 49.709 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

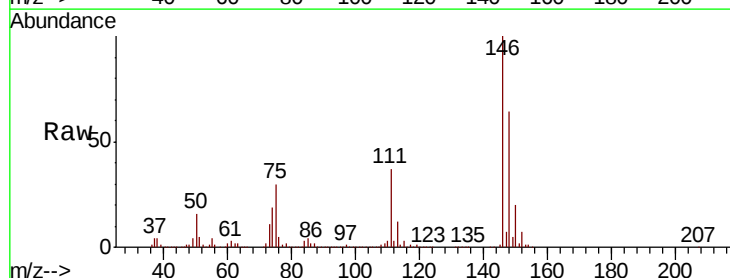
Tgt Ion:146 Resp: 409458

Ion Ratio Lower Upper

146 100

111 36.9 18.4 55.2

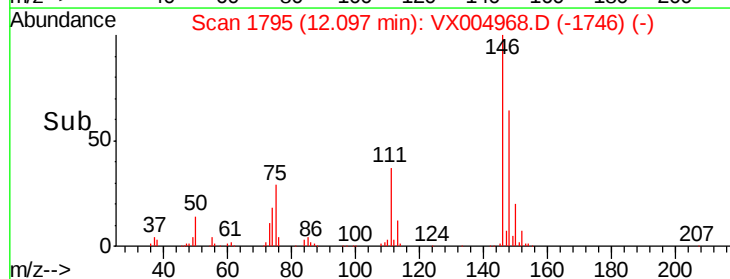
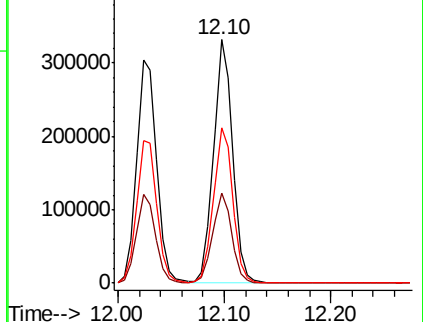
148 64.6 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

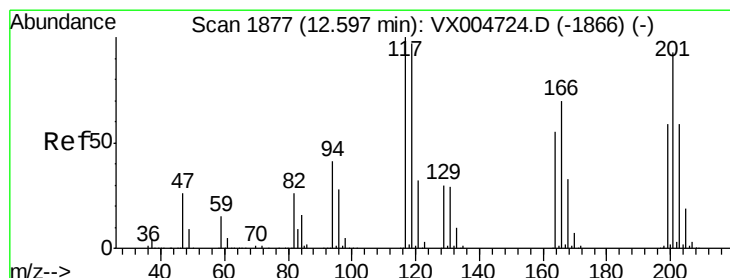
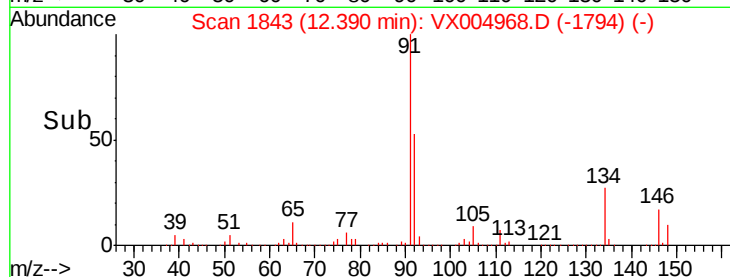
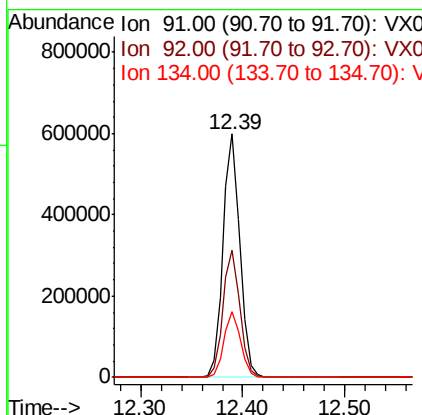
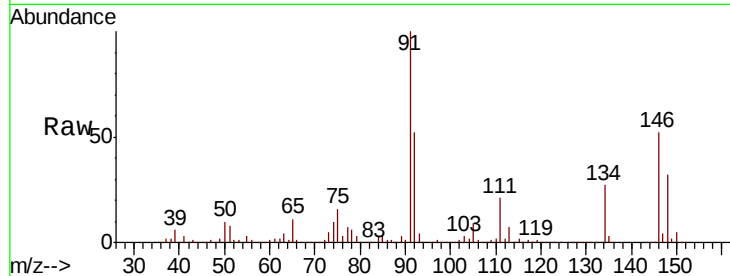




#89
n-Butylbenzene
Concen: 56.947 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

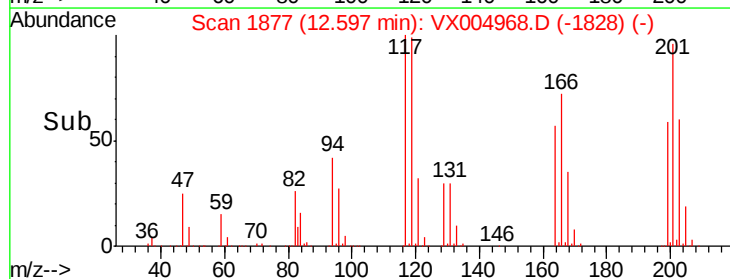
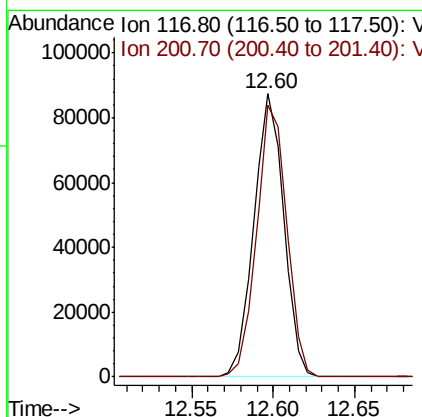
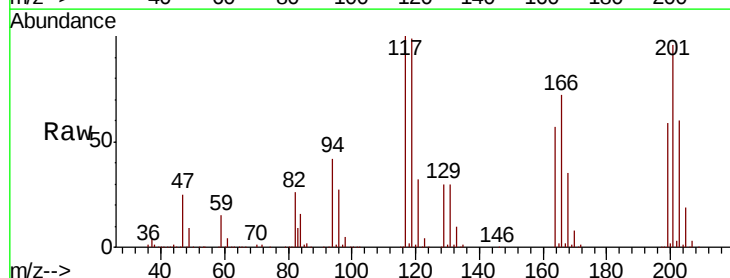
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 691336
Ion Ratio Lower Upper
91 100
92 52.5 26.0 78.0
134 26.6 13.2 39.6



#90
Hexachloroethane
Concen: 50.169 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Tgt Ion: 117 Resp: 111657
Ion Ratio Lower Upper
117 100
201 96.7 48.4 145.0

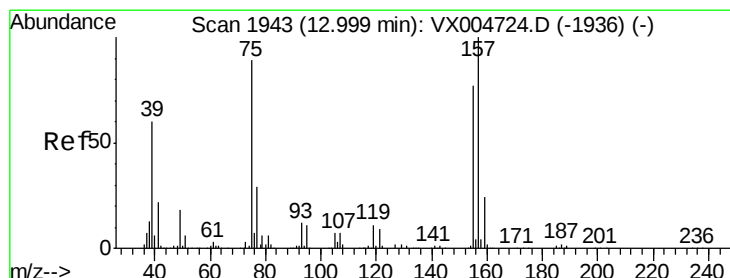
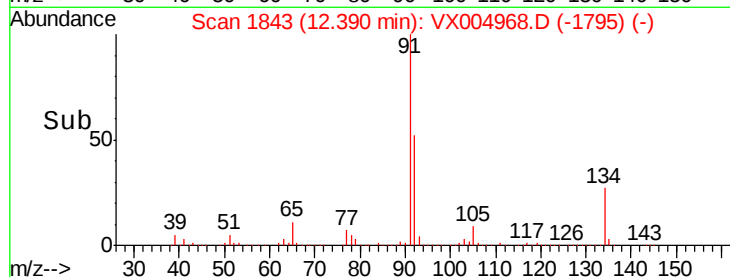
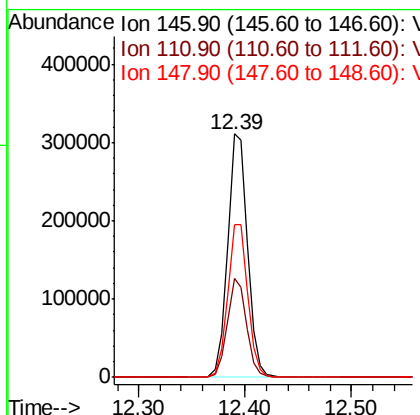
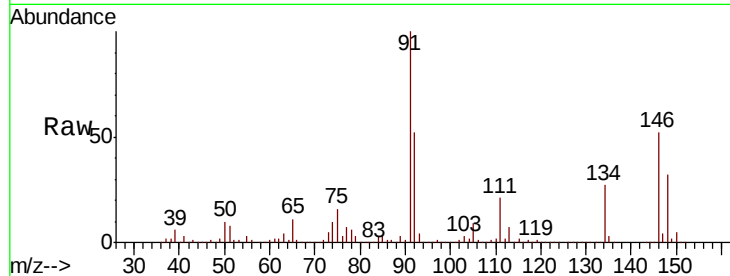




#91
 1,2-Dichlorobenzene
 Concen: 48.715 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: VX004968.D
 Acq: 03 Oct 2018 14:46

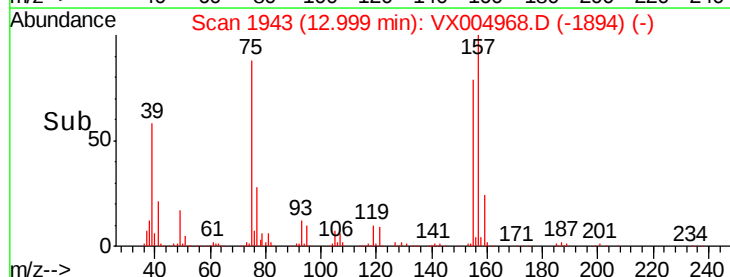
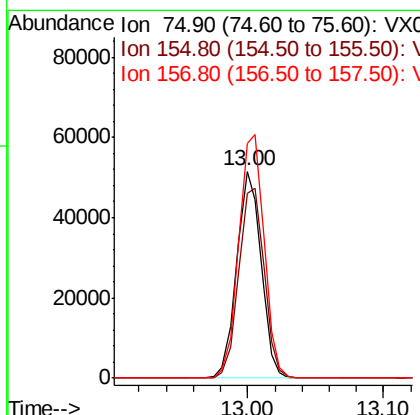
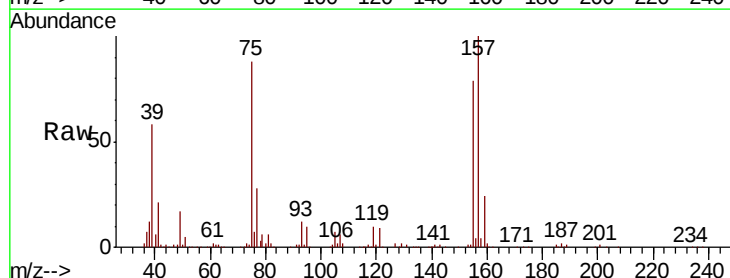
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

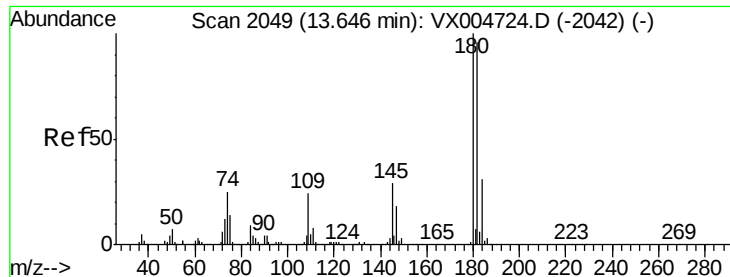
Tot Ion:146 Resp: 406229
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.6 58.7
 148 63.5 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.882 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX004968.D
 Acq: 03 Oct 2018 14:46

Tgt Ion: 75 Resp: 64278
 Ion Ratio Lower Upper
 75 100
 155 95.4 46.1 138.3
 157 122.2 60.2 180.6

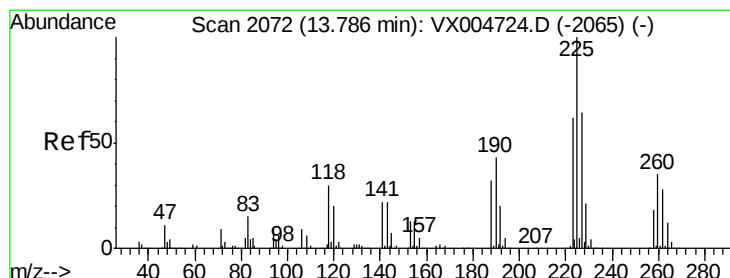
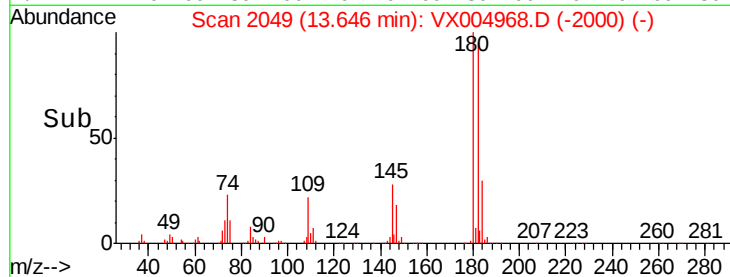
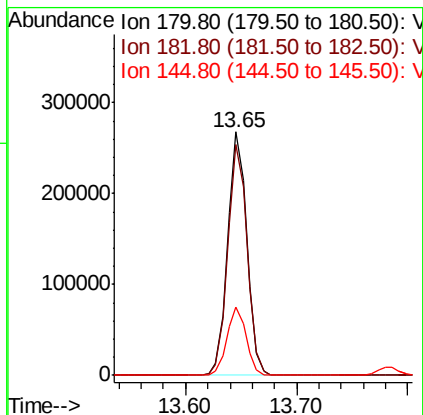
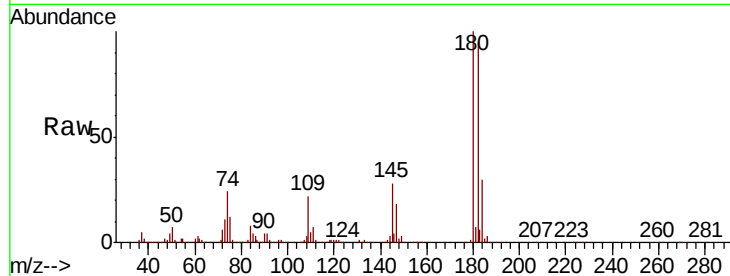




#93
 1,2,4-Trichlorobenzene
 Concen: 54.414 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX004968.D
 Acq: 03 Oct 2018 14:46

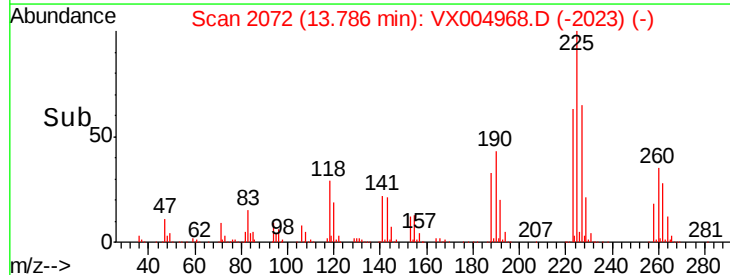
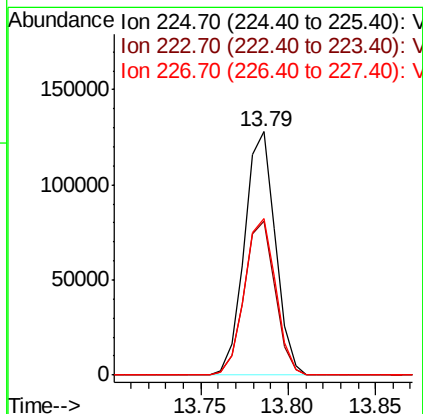
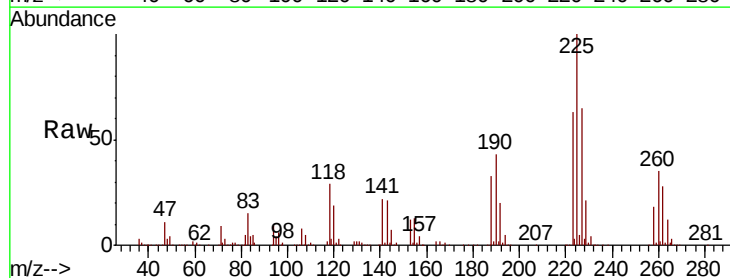
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

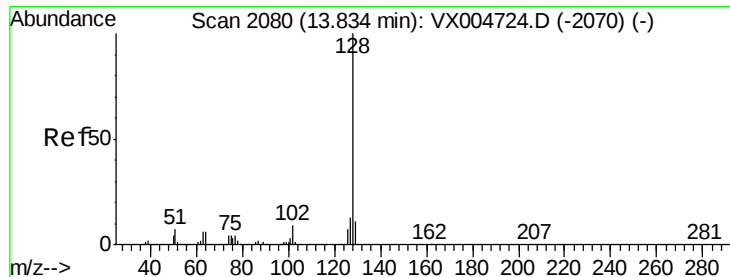
Tot Ion:180 Resp: 318301
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.8 143.4
 145 28.1 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 51.756 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX004968.D
 Acq: 03 Oct 2018 14:46

Tgt Ion:225 Resp: 156993
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.3 93.8
 227 65.0 31.9 95.5

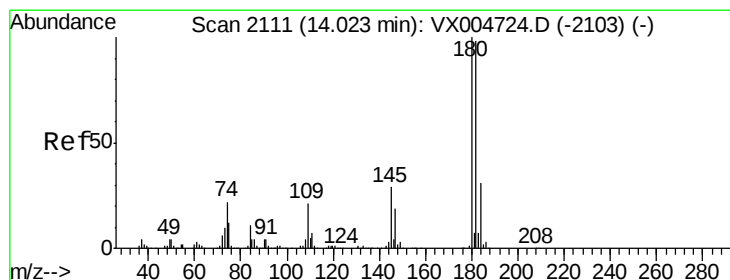
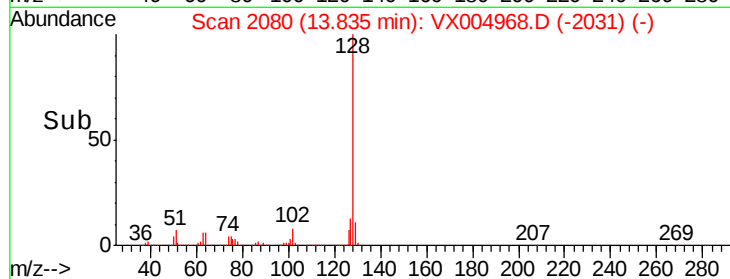
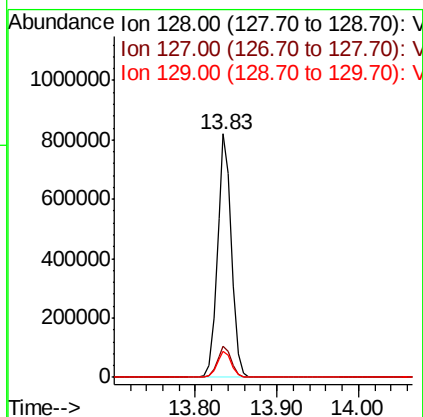
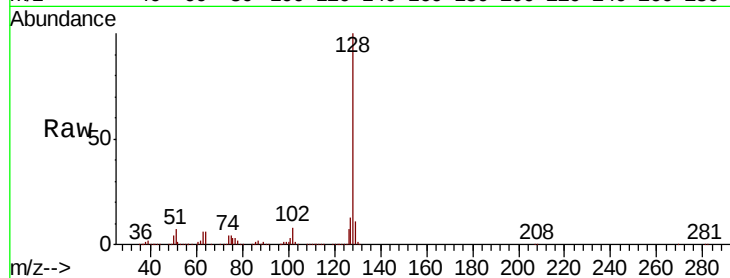




#95
Naphthalene
Concen: 50.836 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 987216
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 53.201 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Tgt Ion:180 Resp: 321479
Ion Ratio Lower Upper
180 100
182 94.7 47.9 143.8
145 29.8 15.0 45.0

