

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102918\
 Data File : VX005674.D
 Acq On : 29 Oct 2018 21:24
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 30 02:02:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	260251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	378685	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	339929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	234153	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	144246	45.41	ug/l	0.00
Spiked Amount			Recovery	=	90.82%	
35) Dibromofluoromethane	5.50	113	119876	46.75	ug/l	0.00
Spiked Amount			Recovery	=	93.50%	
50) Toluene-d8	8.71	98	433576	47.06	ug/l	0.00
Spiked Amount			Recovery	=	94.12%	
62) 4-Bromofluorobenzene	11.14	95	183428	52.72	ug/l	0.00
Spiked Amount			Recovery	=	105.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	144402	56.214	ug/l	99
3) Chloromethane	1.32	50	154246	47.150	ug/l	92
4) Vinyl Chloride	1.41	62	154764	48.113	ug/l	98
5) Bromomethane	1.64	94	76095	38.018	ug/l	98
6) Chloroethane	1.71	64	100640	48.976	ug/l	91
7) Trichlorofluoromethane	1.92	101	206214	46.137	ug/l	98
8) Diethyl Ether	2.19	74	84285	47.252	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	120946	47.162	ug/l	99
10) Methyl Iodide	2.51	142	121697	45.687	ug/l	97
11) Tert butyl alcohol	3.07	59	208647	244.065	ug/l	98
12) 1,1-Dichloroethene	2.37	96	115196	47.154	ug/l	97
13) Acrolein	2.30	56	95569	219.153	ug/l	97
14) Allyl chloride	2.73	41	252382	46.290	ug/l	96
15) Acrylonitrile	3.15	53	439371	229.200	ug/l	98
16) Acetone	2.45	43	388074	231.176	ug/l	100
17) Carbon Disulfide	2.57	76	338188	45.413	ug/l	100
18) Methyl Acetate	2.78	43	210337	50.742	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	417689	47.931	ug/l	95
20) Methylene Chloride	2.85	84	128353	45.652	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	124091	46.522	ug/l	97
22) Diisopropyl ether	3.87	45	433987	45.581	ug/l	# 93
23) Vinyl Acetate	3.83	43	1943044	231.718	ug/l	98
24) 1,1-Dichloroethane	3.70	63	245844	47.492	ug/l	99
25) 2-Butanone	4.70	43	607680	237.717	ug/l	97
26) 2,2-Dichloropropane	4.57	77	159993	40.034	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	140553	48.878	ug/l	95
28) Bromochloromethane	5.01	49	118763	47.436	ug/l	95
29) Tetrahydrofuran	5.15	42	410472	246.738	ug/l	99
30) Chloroform	5.22	83	221982	45.844	ug/l	92
31) Cyclohexane	5.57	56	211055	49.278	ug/l	89
32) 1,1,1-Trichloroethane	5.49	97	196041	45.872	ug/l	98
36) 1,1-Dichloropropene	5.80	75	164395	44.734	ug/l	97
37) Ethyl Acetate	4.87	43	226037	48.200	ug/l	98
38) Carbon Tetrachloride	5.79	117	169116	43.692	ug/l	88

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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	188552	46.464	ug/l	98
40) Benzene	6.14	78	536501	50.927	ug/l	100
41) Methacrylonitrile	5.06	41	124785	47.769	ug/l	98
42) 1,2-Dichloroethane	6.20	62	173444	43.339	ug/l	99
43) Isopropyl Acetate	6.46	43	351640	50.039	ug/l	99
44) Trichloroethene	7.21	130	133448	46.499	ug/l	96
45) 1,2-Dichloropropane	7.51	63	129867	45.852	ug/l	98
46) Dibromomethane	7.66	93	81782	44.708	ug/l	98
47) Bromodichloromethane	7.90	83	158826	44.735	ug/l	98
48) Methyl methacrylate	7.77	41	161556	47.191	ug/l	97
49) 1,4-Dioxane	7.75	88	72705	971.804	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1092055	231.228	ug/l	98
52) Toluene	8.79	92	297861	46.523	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	177136	46.164	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	191973	46.469	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	122594	45.417	ug/l	97
56) Ethyl methacrylate	9.18	69	199643	49.585	ug/l	97
57) 1,3-Dichloropropane	9.37	76	207216	45.369	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	534874	237.858	ug/l	100
59) 2-Hexanone	9.50	43	865547	232.441	ug/l	98
60) Dibromochloromethane	9.58	129	131430	46.667	ug/l	97
61) 1,2-Dibromoethane	9.67	107	128505	46.017	ug/l	99
64) Tetrachloroethene	9.34	164	131680	46.664	ug/l	97
65) Chlorobenzene	10.14	112	335428	46.339	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	122413	46.379	ug/l	99
67) Ethyl Benzene	10.25	91	580133	48.712	ug/l	100
68) m/p-Xylenes	10.36	106	446892	96.718	ug/l	100
69) o-Xylene	10.70	106	216554	49.816	ug/l	99
70) Styrene	10.71	104	363870	50.002	ug/l	99
71) Bromoform	10.86	173	108917	46.244	ug/l	100
73) Isopropylbenzene	11.02	105	591443	41.321	ug/l	99
74) N-amyl acetate	10.90	43	289122	40.766	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	203062	38.454	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	233914	47.149	ug/l	87
77) Bromobenzene	11.26	156	158315	39.688	ug/l	97
78) n-propylbenzene	11.36	91	672698	41.101	ug/l	100
79) 2-Chlorotoluene	11.42	91	404127	39.824	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	501284	40.940	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	57954	38.170	ug/l	94
82) 4-Chlorotoluene	11.51	91	470278	39.301	ug/l	100
83) tert-Butylbenzene	11.77	119	523262	42.872	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	533248	42.971	ug/l	99
85) sec-Butylbenzene	11.94	105	688654	47.285	ug/l	100
86) p-Isopropyltoluene	12.07	119	663216	50.941	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	361317	48.168	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	362414	46.286	ug/l	97
89) n-Butylbenzene	12.39	91	583059	49.607	ug/l	98
90) Hexachloroethane	12.60	117	103315	46.010	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	347822	45.831	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.00	75	55225	43.252	ug/l	91

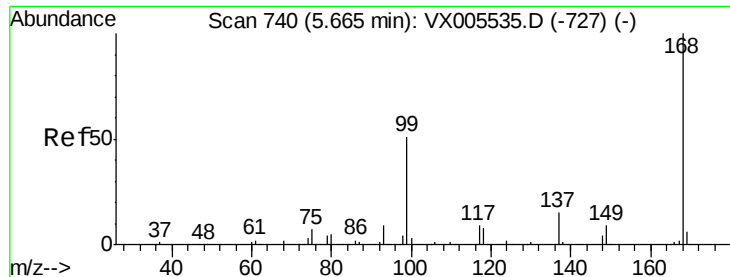
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102918\
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Quant Title : SW846 8260
QLast Update : Thu Oct 25 02:52:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	266103	48.370	ug/l	99
94) Hexachlorobutadiene	13.79	225	131191	46.017	ug/l	98
95) Naphthalene	13.83	128	887194	55.479	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	288665	51.762	ug/l	100

(#) = 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. -0.01 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

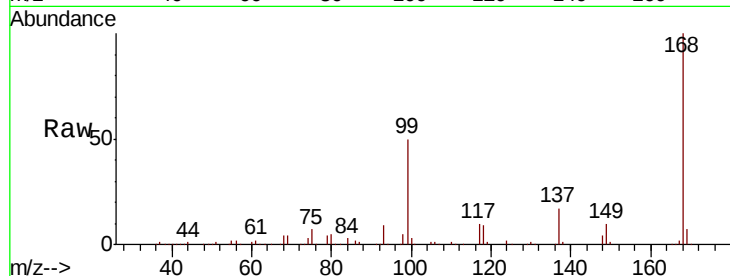
VSTDCCC050EC

Tot Ion:168 Resp: 260251

Ion Ratio Lower Upper

168 100

99 49.7 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

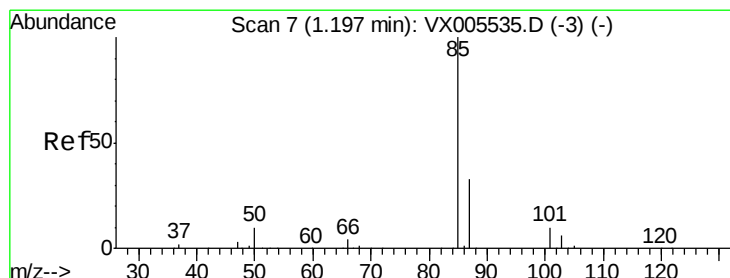
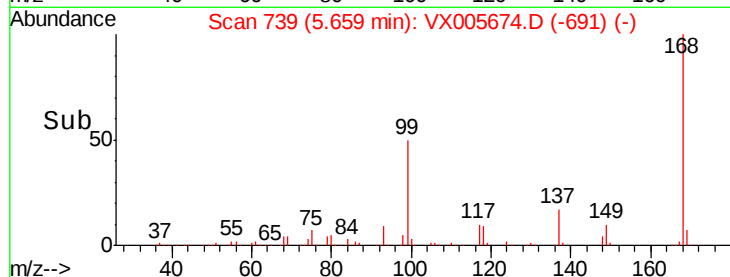
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 56.214 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005674.D

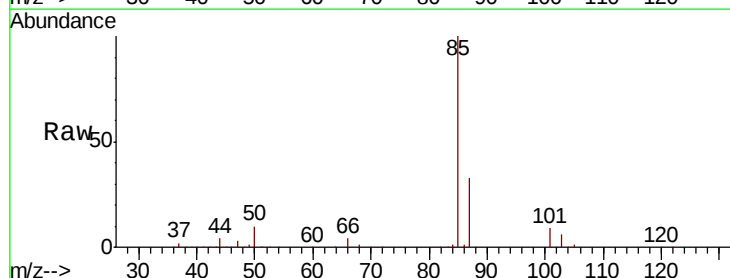
Acq: 29 Oct 2018 21:24

Tgt Ion: 85 Resp: 144402

Ion Ratio Lower Upper

85 100

87 33.0 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

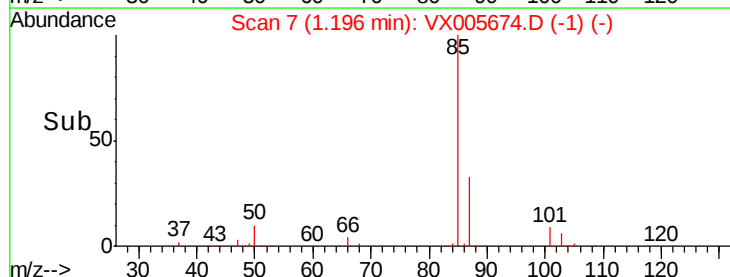
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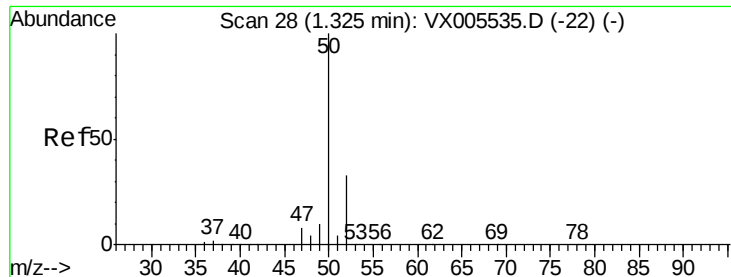
100000

50000

0

Time--> 1.15 1.20 1.25 1.30

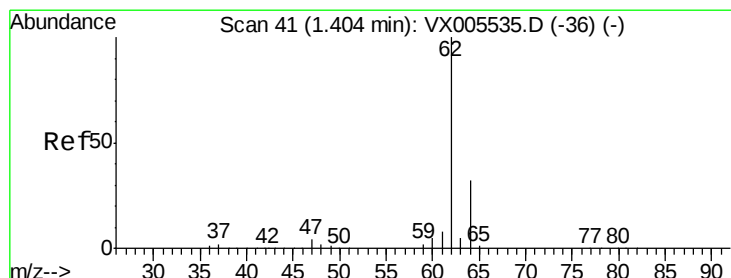
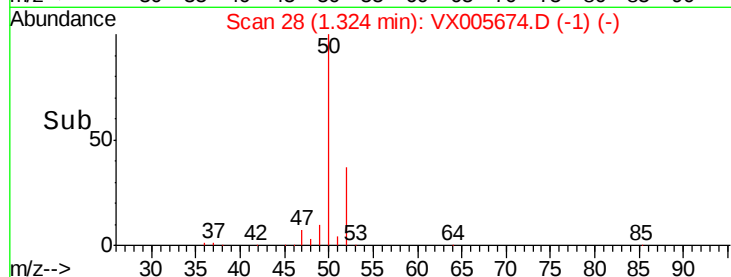
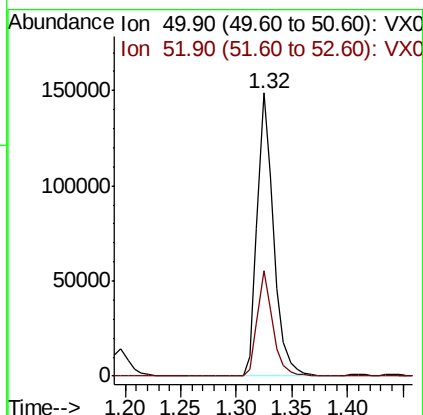
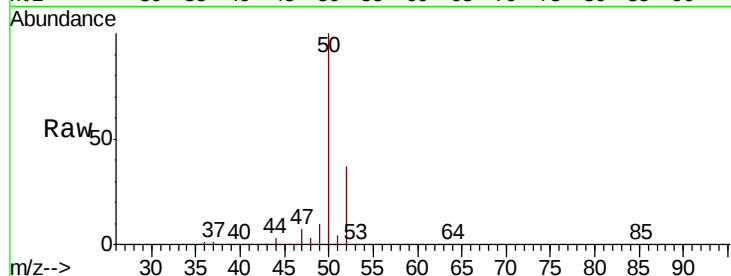




#3
Chloromethane
Concen: 47.150 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.00 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

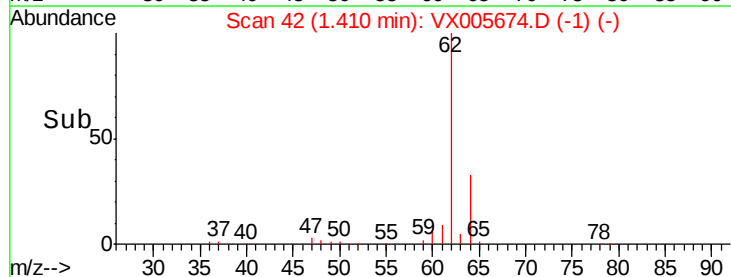
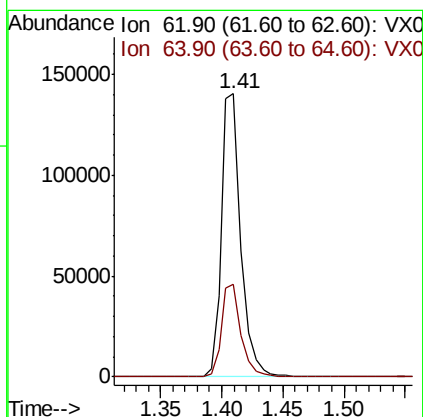
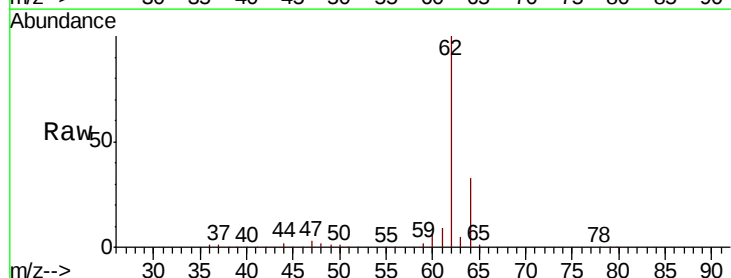
Instrument :
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ClientSampleId :
VSTDCCC050EC

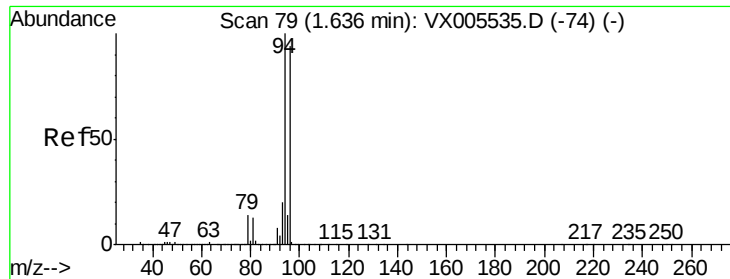
Tot Ion: 50 Resp: 154246
Ion Ratio Lower Upper
50 100
52 37.4 26.2 39.2



#4
Vinyl Chloride
Concen: 48.113 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.01 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

Tgt Ion: 62 Resp: 154764
Ion Ratio Lower Upper
62 100
64 32.8 25.3 37.9





#5

Bromomethane

Concen: 38.018 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

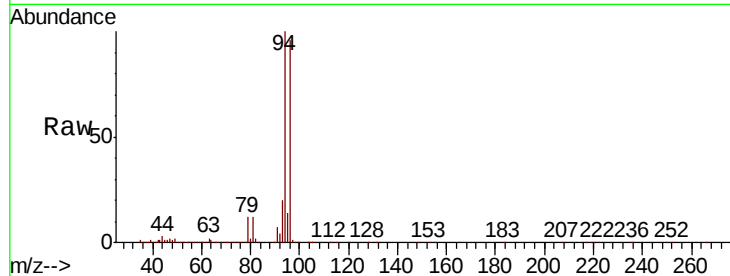
VSTDCCC050EC

Tot Ion: 94 Resp: 76095

Ion Ratio Lower Upper

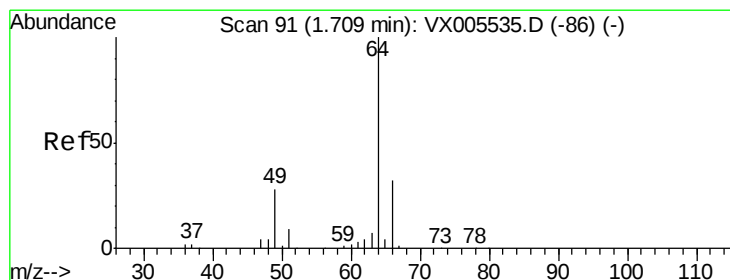
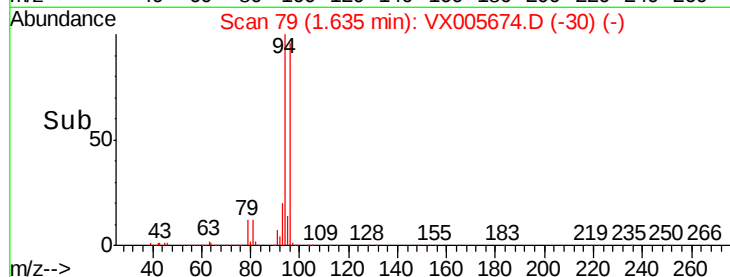
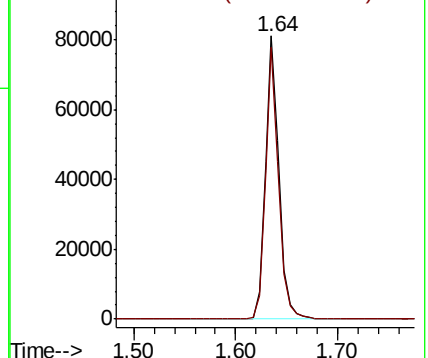
94 100

96 96.2 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.976 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.00 min

Lab File: VX005674.D

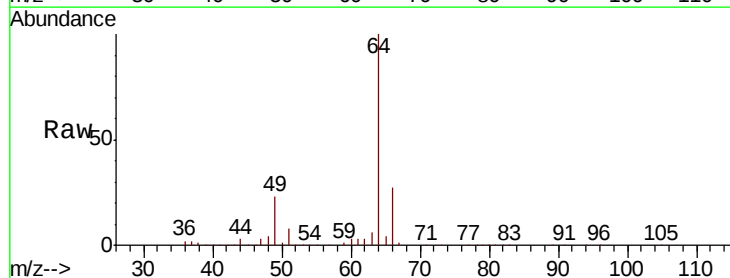
Acq: 29 Oct 2018 21:24

Tgt Ion: 64 Resp: 100640

Ion Ratio Lower Upper

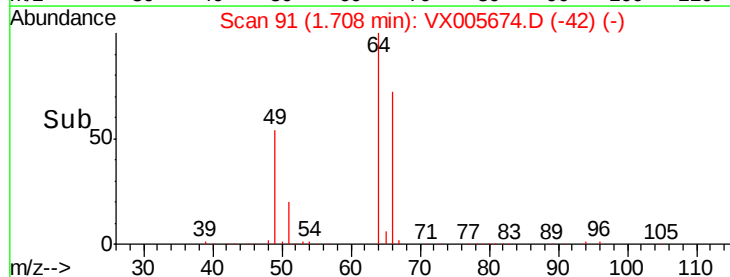
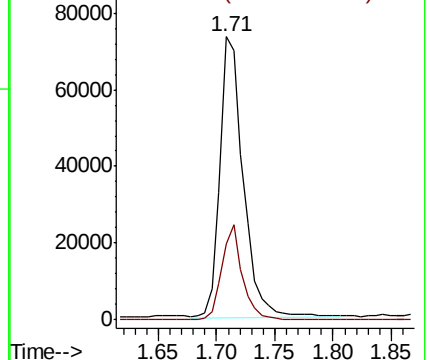
64 100

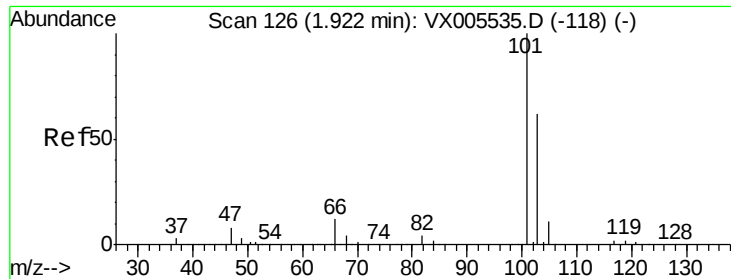
66 27.1 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



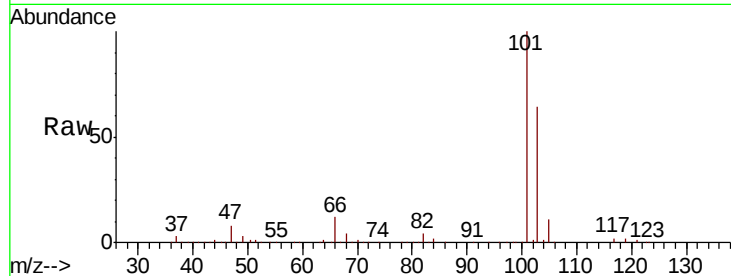


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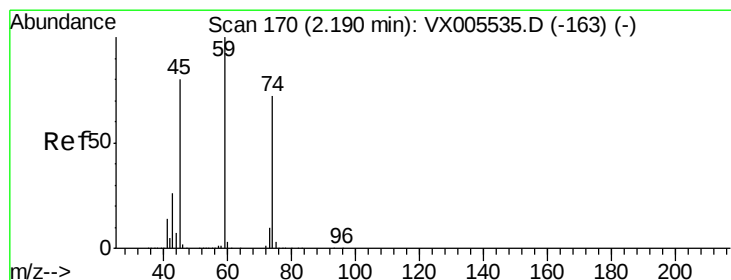
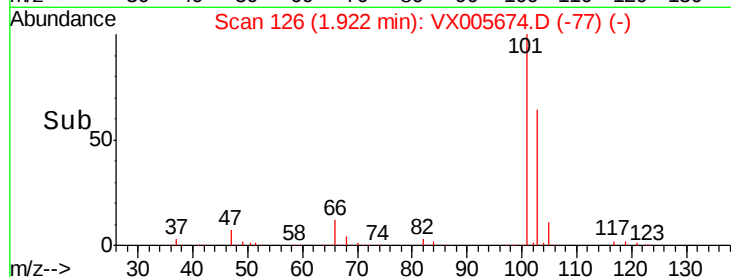
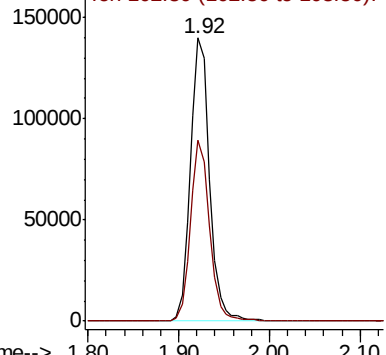
Trichlorofluoromethane
 Concen: 46.137 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX005674.D
 Acq: 29 Oct 2018 21:24

Instrument :
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 VSTDCCC050EC

Tot Ion:101 Resp: 206214
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.0 75.0



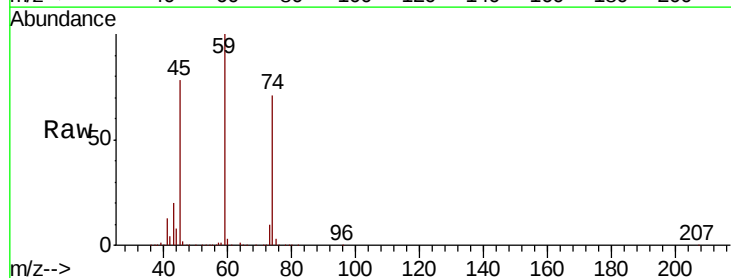
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



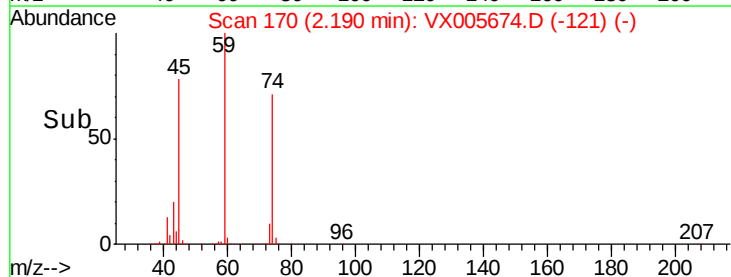
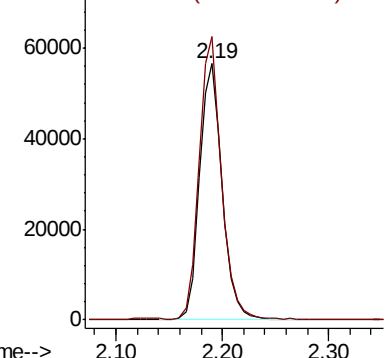
#8

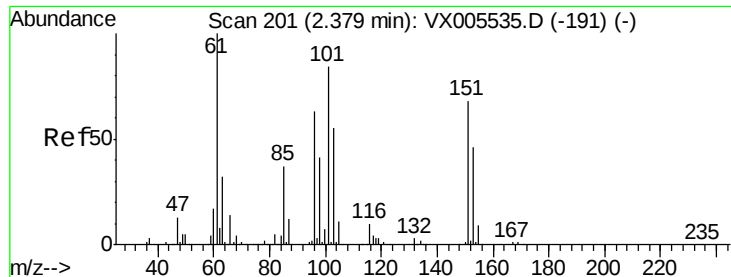
Diethyl Ether
 Concen: 47.252 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005674.D
 Acq: 29 Oct 2018 21:24

Tgt Ion: 74 Resp: 84285
 Ion Ratio Lower Upper
 74 100
 45 107.7 54.1 162.3



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.162 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

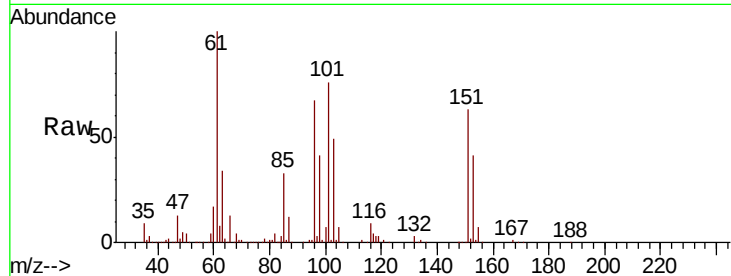
Tot Ion:101 Resp: 120946

Ion Ratio Lower Upper

101 100

85 43.3 35.0 52.4

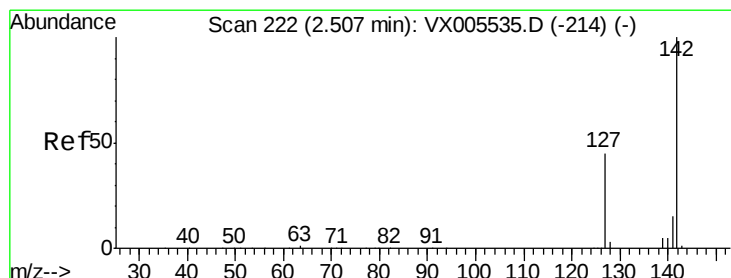
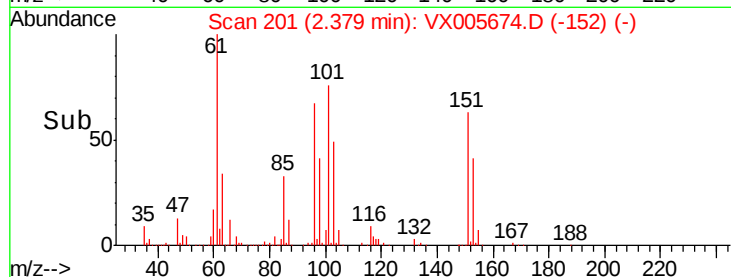
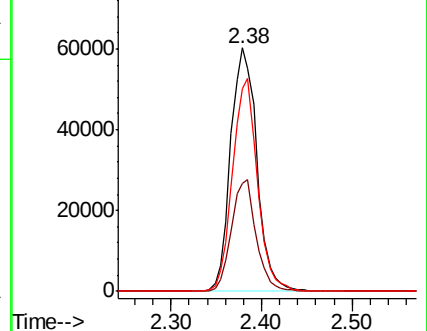
151 83.3 66.2 99.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.687 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

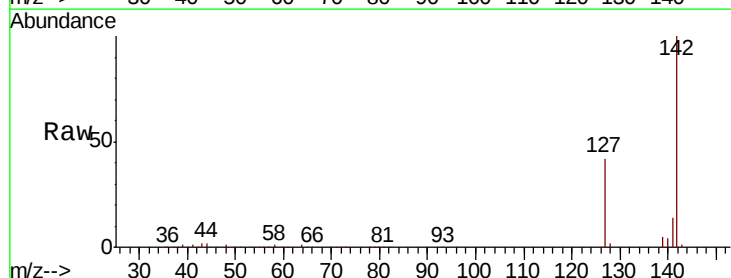
Tgt Ion:142 Resp: 121697

Ion Ratio Lower Upper

142 100

127 42.3 36.0 54.0

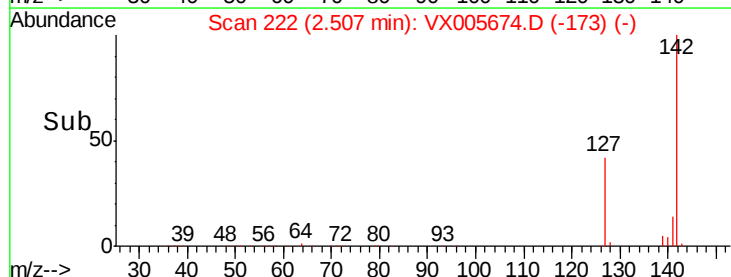
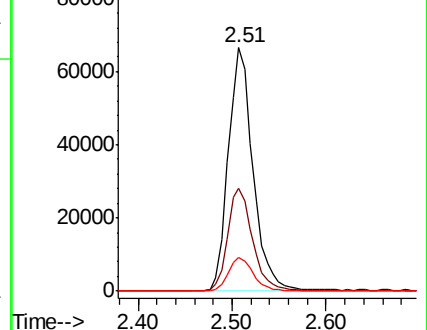
141 14.1 11.7 17.5

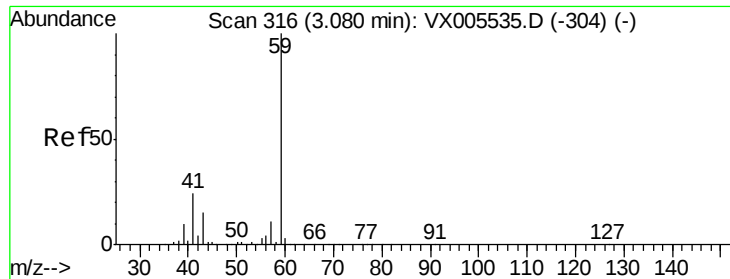


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

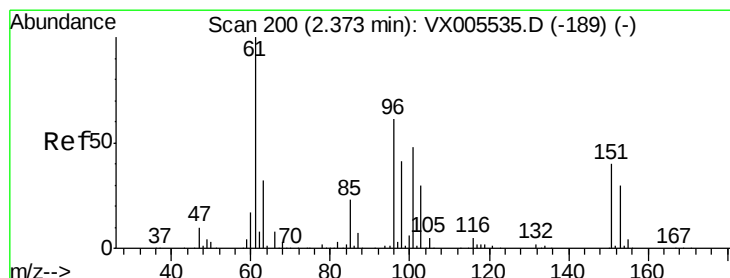
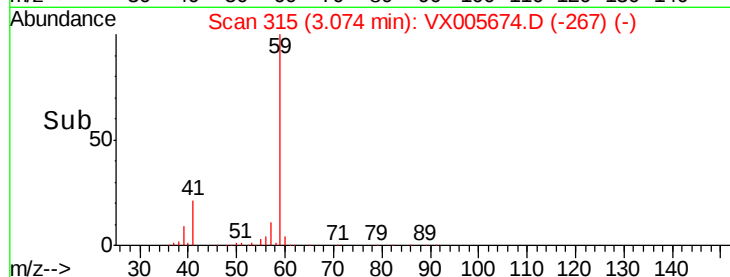
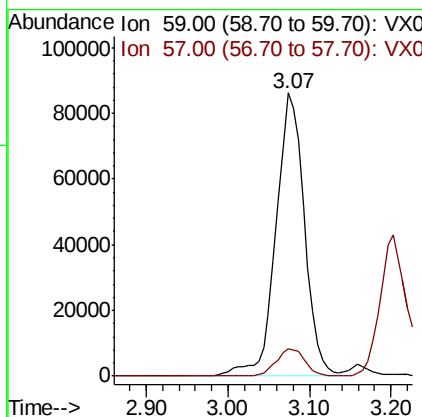
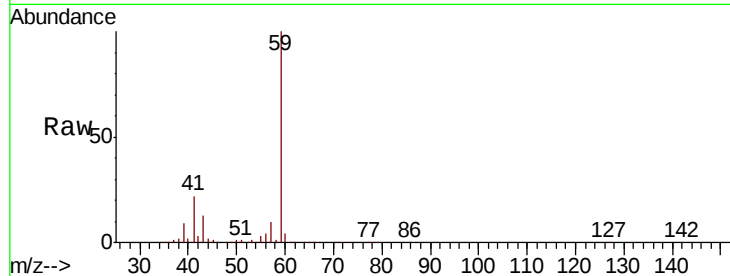




#11
Tert butyl alcohol
Concen: 244.065 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

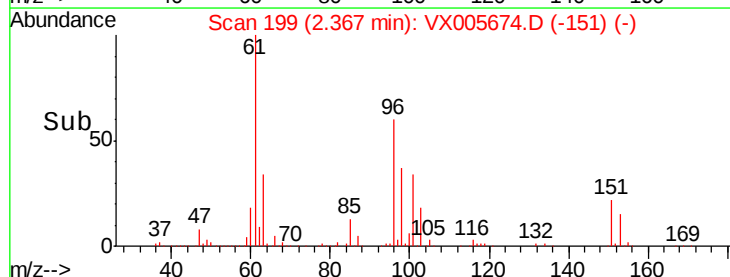
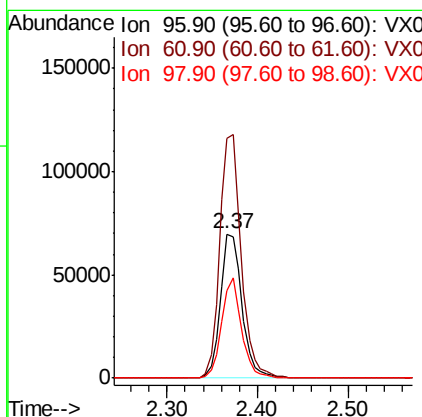
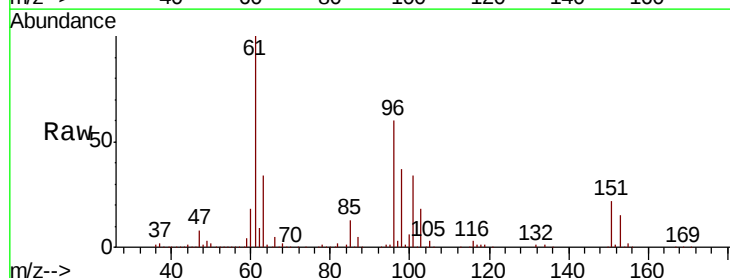
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

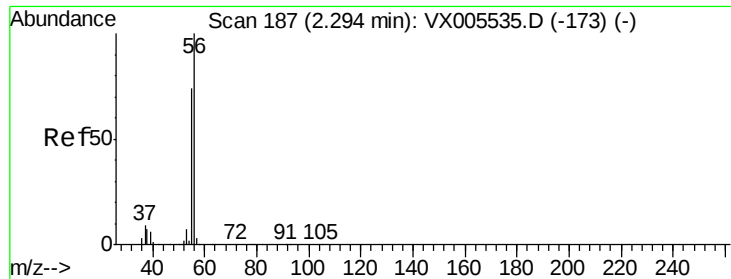
Tot Ion: 59 Resp: 208647
Ion Ratio Lower Upper
59 100
57 9.8 8.5 12.7



#12
1,1-Dichloroethene
Concen: 47.154 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

Tgt Ion: 96 Resp: 115196
Ion Ratio Lower Upper
96 100
61 165.8 131.8 197.8
98 60.6 53.4 80.2





#13

Acrolein

Concen: 219.153 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

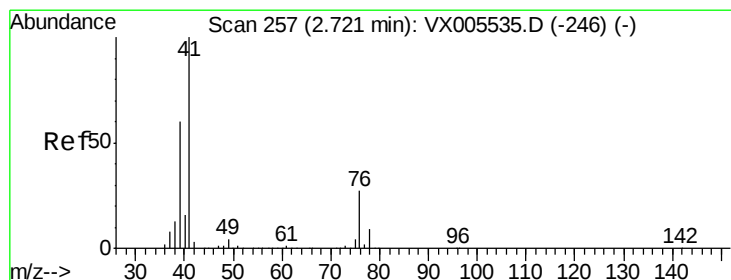
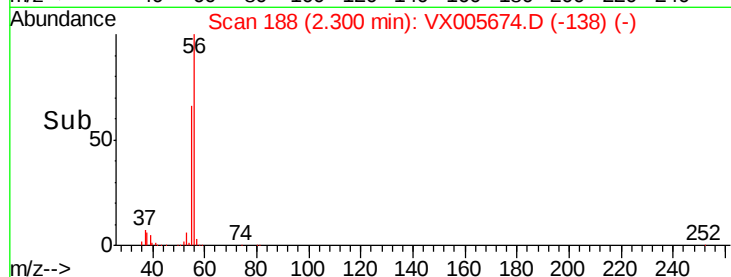
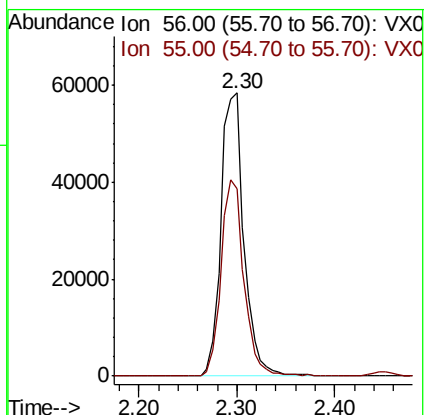
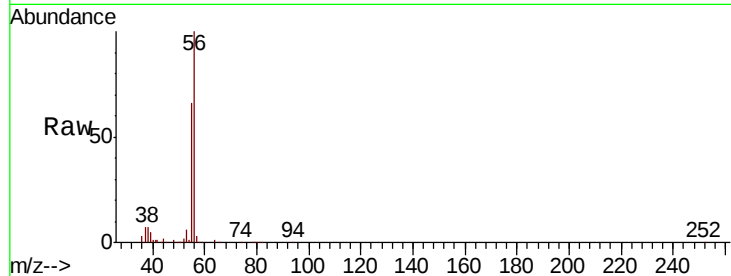
VSTDCCC050EC

Tot Ion: 56 Resp: 95569

Ion Ratio Lower Upper

56 100

55 69.5 57.3 85.9



#14

Allyl chloride

Concen: 46.290 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

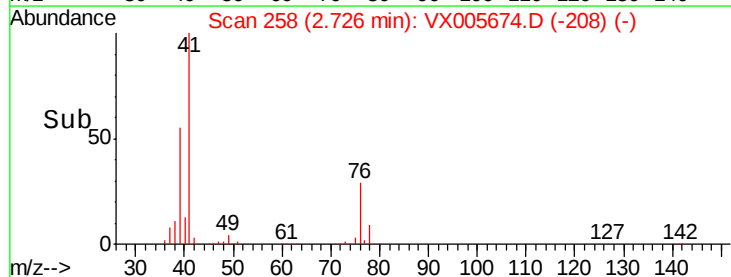
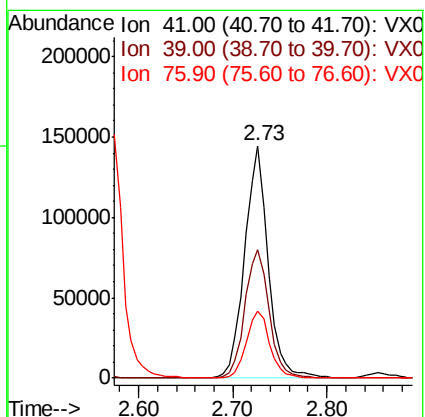
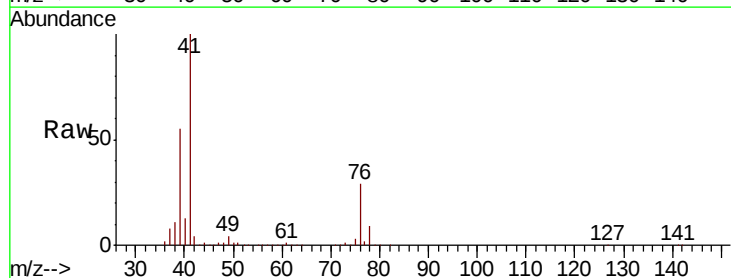
Tgt Ion: 41 Resp: 252382

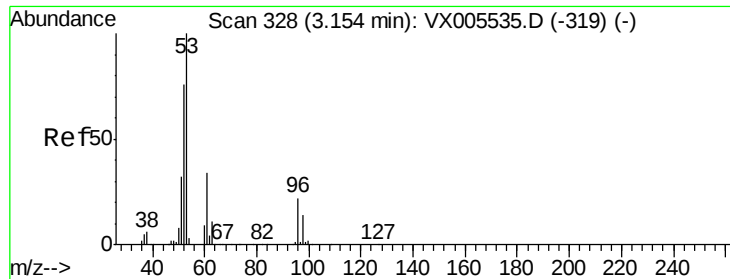
Ion Ratio Lower Upper

41 100

39 56.8 48.2 72.4

76 28.7 21.9 32.9





#15

Acrylonitrile

Concen: 229.200 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

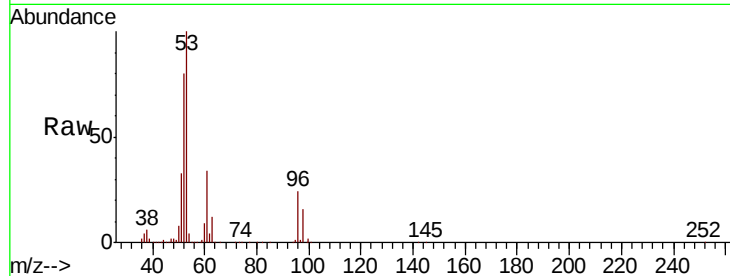
Tot Ion: 53 Resp: 439371

Ion Ratio Lower Upper

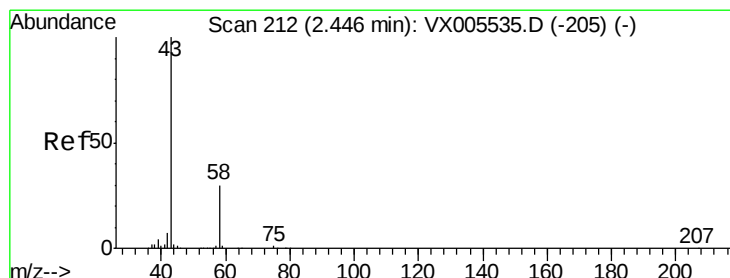
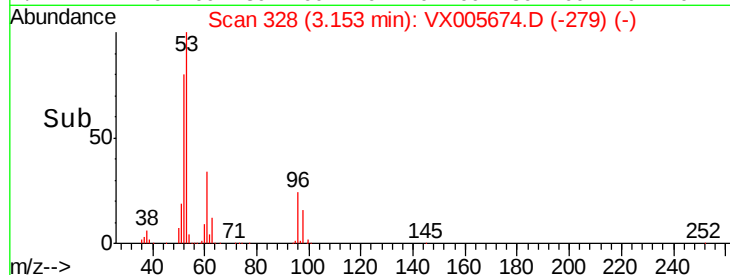
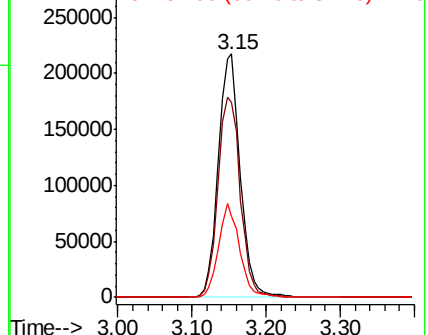
53 100

52 84.4 66.6 99.8

51 37.1 28.4 42.6



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: 231.176 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005674.D

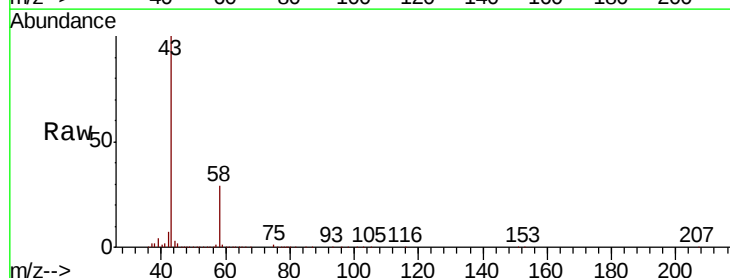
Acq: 29 Oct 2018 21:24

Tgt Ion: 43 Resp: 388074

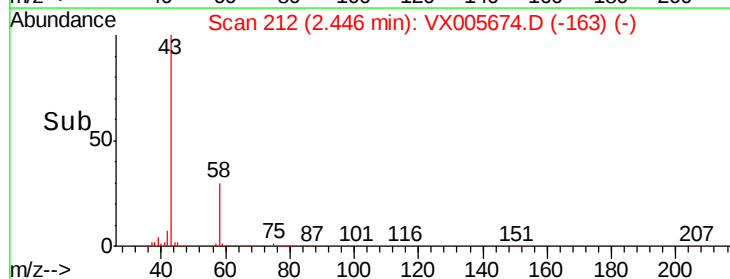
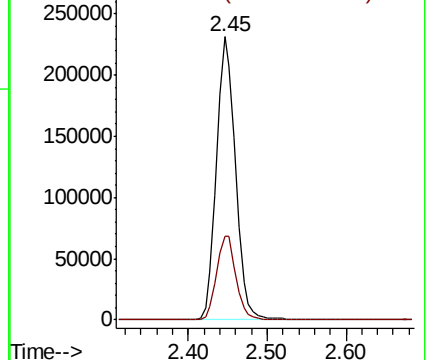
Ion Ratio Lower Upper

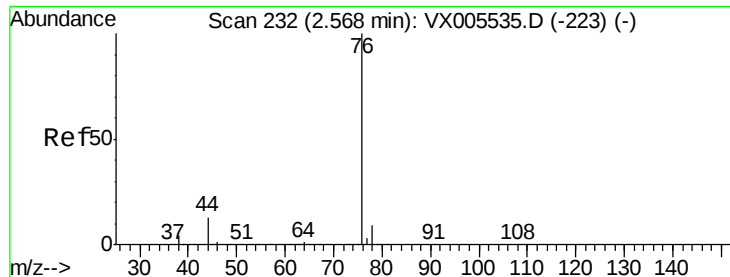
43 100

58 29.5 23.8 35.6



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

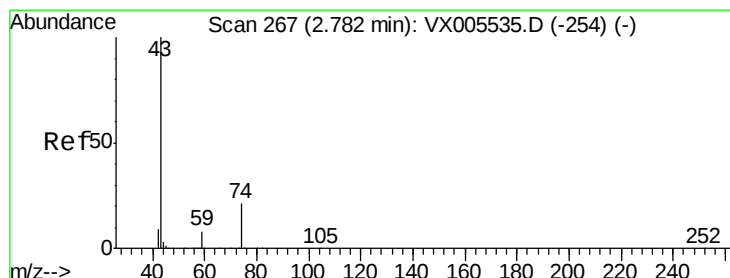
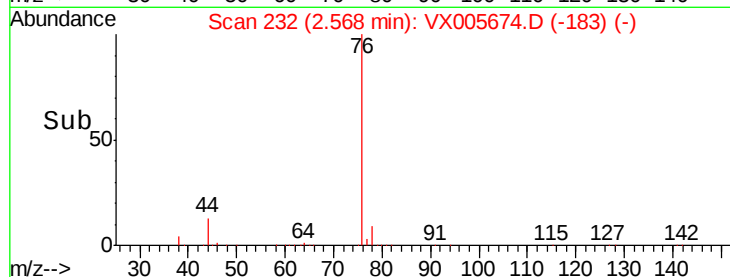
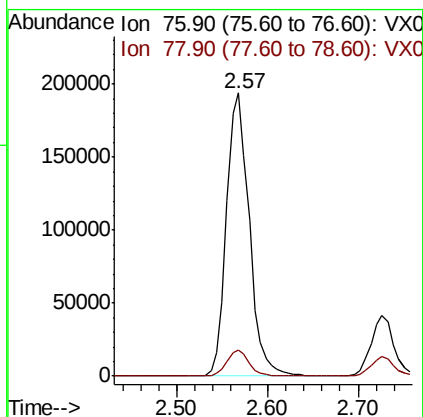
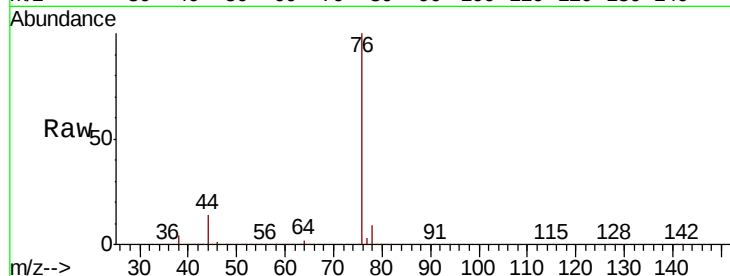




#17
Carbon Disulfide
Concen: 45.413 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

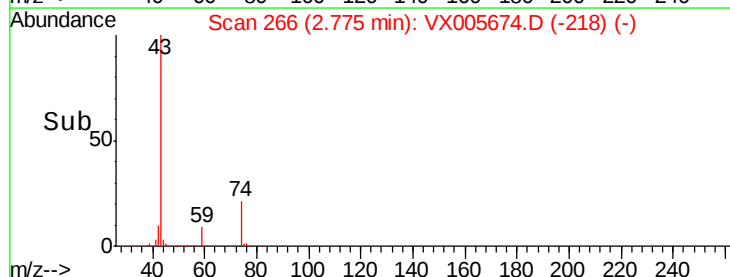
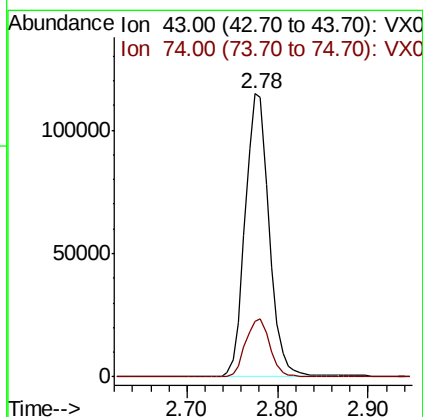
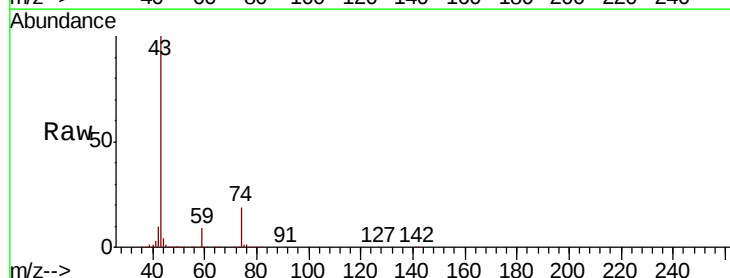
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

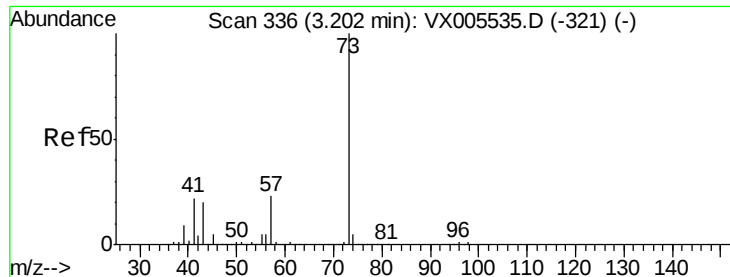
Tot Ion: 76 Resp: 338188
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 50.742 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

Tgt Ion: 43 Resp: 210337
Ion Ratio Lower Upper
43 100
74 21.2 16.8 25.2

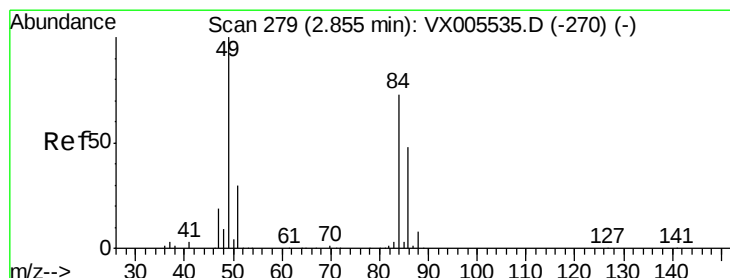
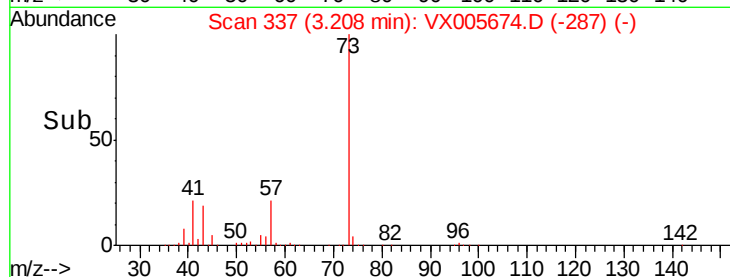
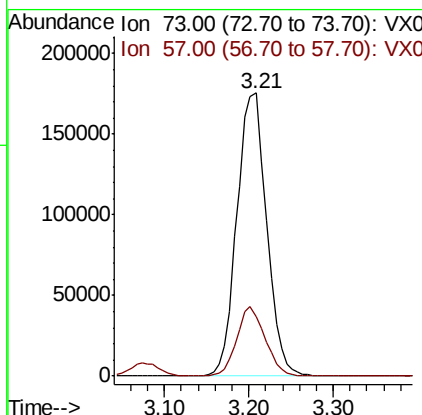
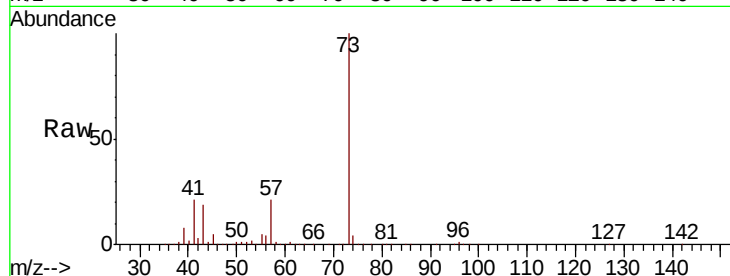




#19
Methyl tert-butyl Ether
Concen: 47.931 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

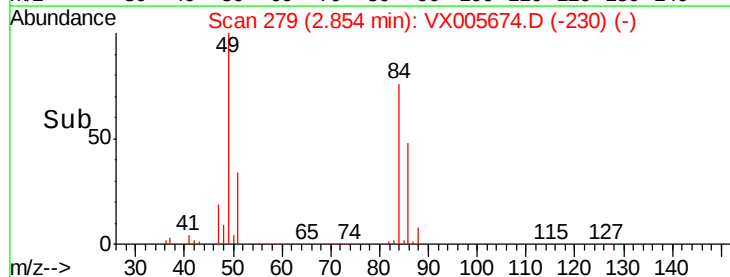
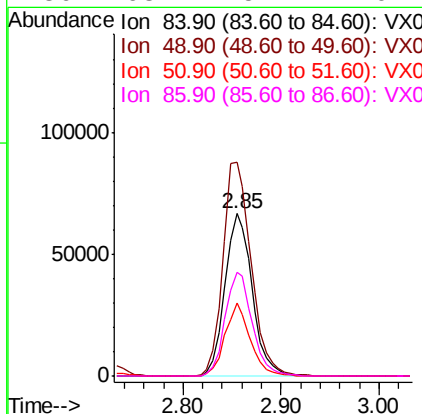
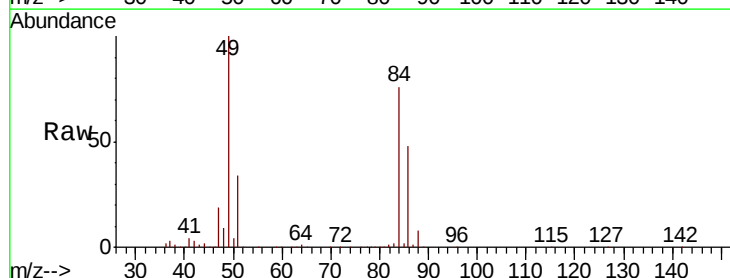
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

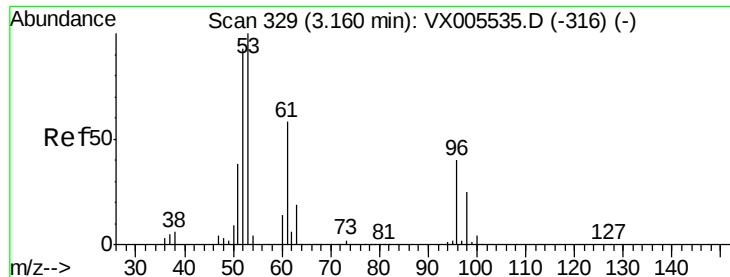
Tot Ion: 73 Resp: 417689
Ion Ratio Lower Upper
73 100
57 21.1 18.8 28.2



#20
Methylene Chloride
Concen: 45.652 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

Tgt Ion: 84 Resp: 128353
Ion Ratio Lower Upper
84 100
49 131.6 109.5 164.3
51 45.0 33.3 49.9
86 63.7 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 46.522 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

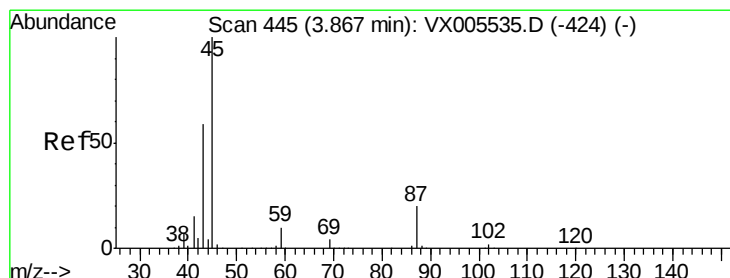
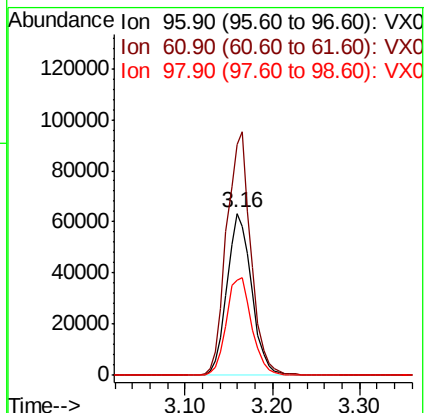
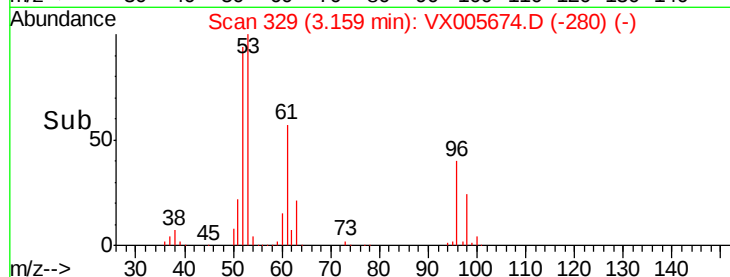
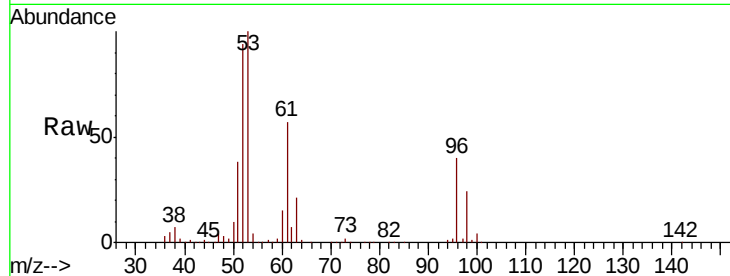
Tot Ion: 96 Resp: 124091

Ion Ratio Lower Upper

96 100

61 142.2 115.6 173.4

98 59.0 50.2 75.2



#22

Diisopropyl ether

Concen: 45.581 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Tgt Ion: 45 Resp: 433987

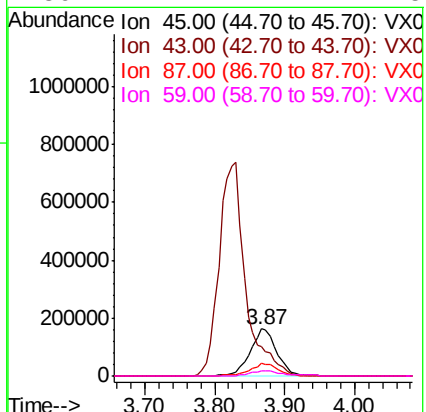
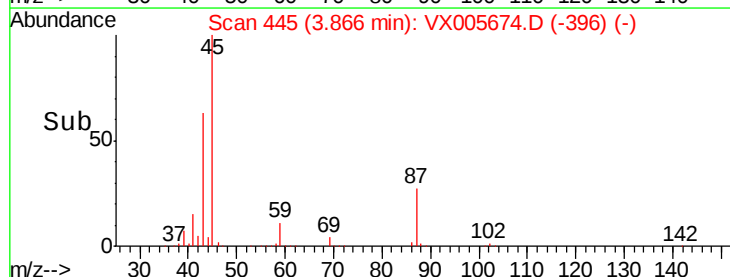
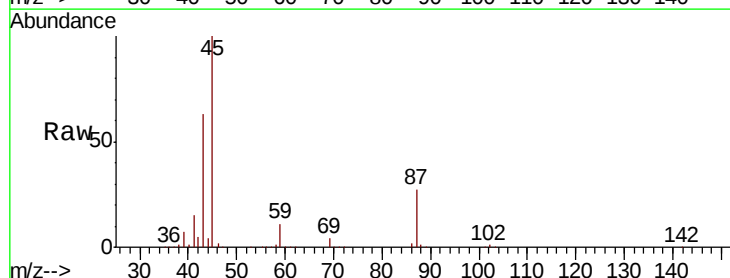
Ion Ratio Lower Upper

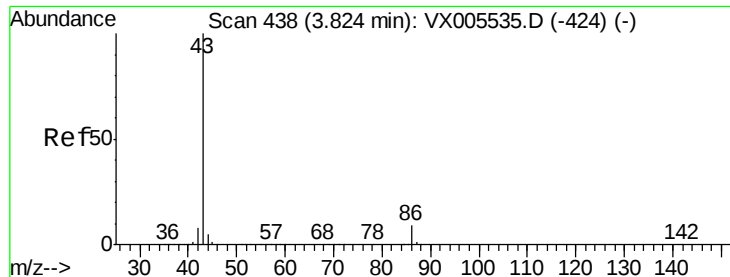
45 100

43 62.9 47.4 71.2

87 27.2 15.9 23.9#

59 11.1 7.7 11.5





#23

Vinyl Acetate

Concen: 231.718 ug/l

RT: 3.83 min Scan# 439

Delta R.T. 0.01 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

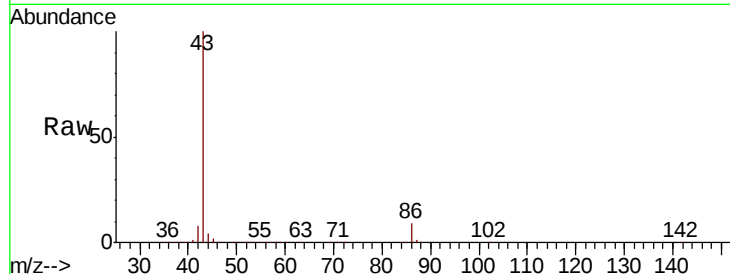
VSTDCCC050EC

Tot Ion: 43 Resp: 1943044

Ion Ratio Lower Upper

43 100

86 8.7 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

800000

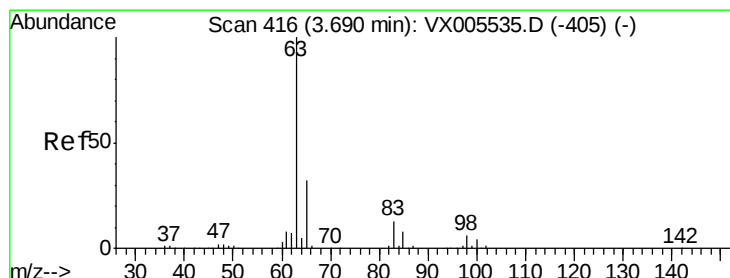
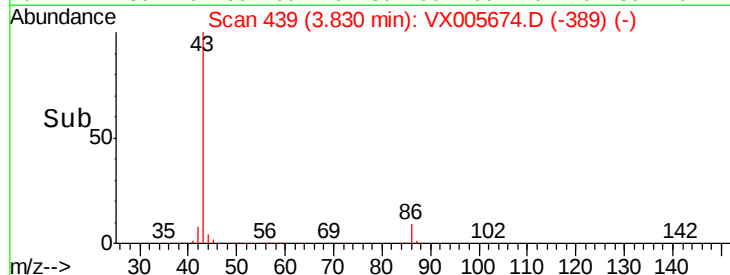
600000

400000

200000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 47.492 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

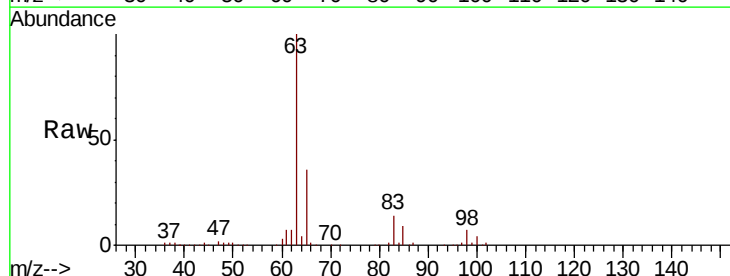
Tgt Ion: 63 Resp: 245844

Ion Ratio Lower Upper

63 100

98 6.9 3.2 9.6

100 4.4 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

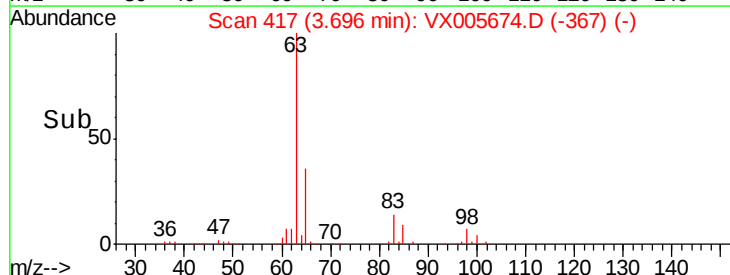
Ion 99.90 (99.60 to 100.60): VX0

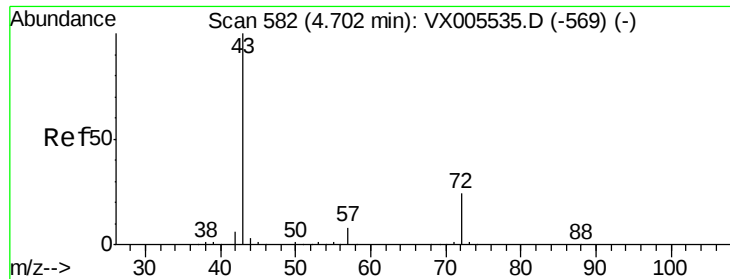
100000

50000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 237.717 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

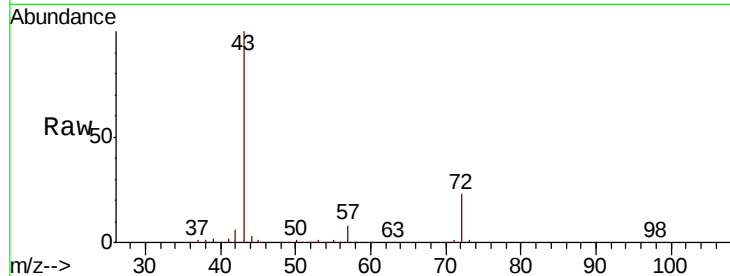
VSTDCCC050EC

Tot Ion: 43 Resp: 607680

Ion Ratio Lower Upper

43 100

72 22.8 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX005535.D (-569) (-)

Ion 72.00 (71.70 to 72.70): VX005535.D (-569) (-)

4.70

250000

200000

150000

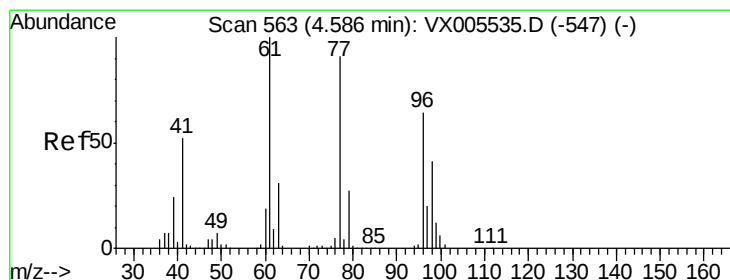
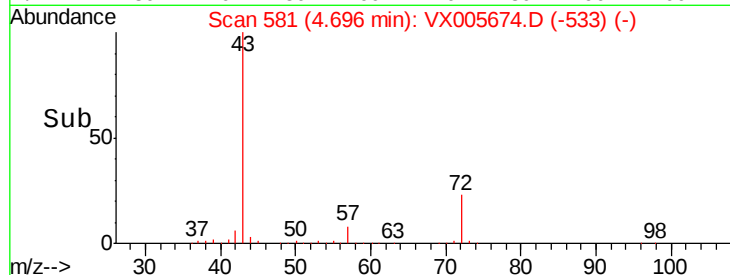
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 40.034 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX005674.D

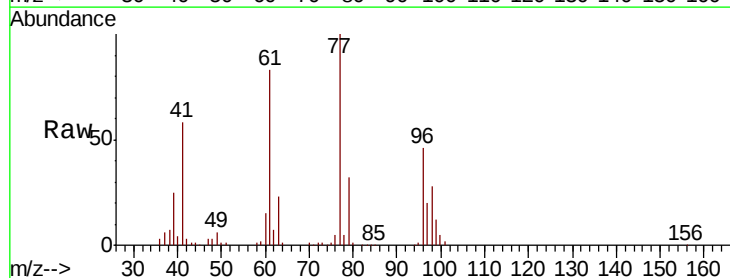
Acq: 29 Oct 2018 21:24

Tgt Ion: 77 Resp: 159993

Ion Ratio Lower Upper

77 100

97 24.5 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX005535.D (-547) (-)

Ion 96.90 (96.60 to 97.60): VX005535.D (-547) (-)

4.57

60000

50000

40000

30000

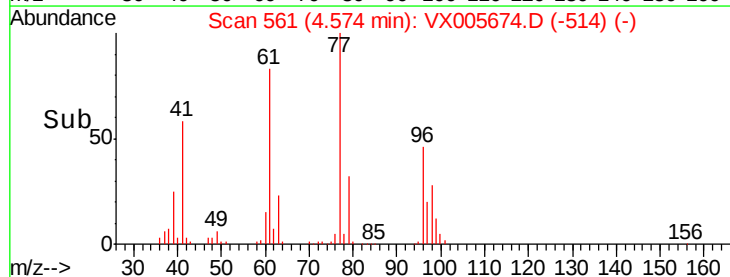
20000

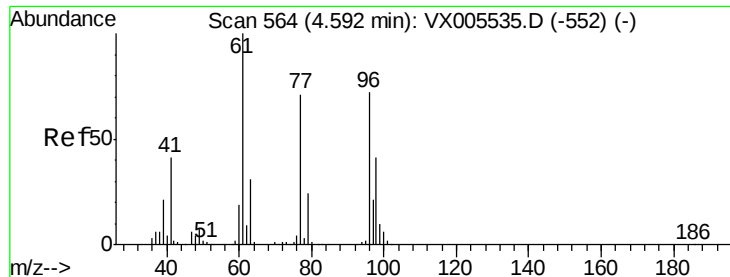
10000

0

4.40 4.50 4.60 4.70

Time-->



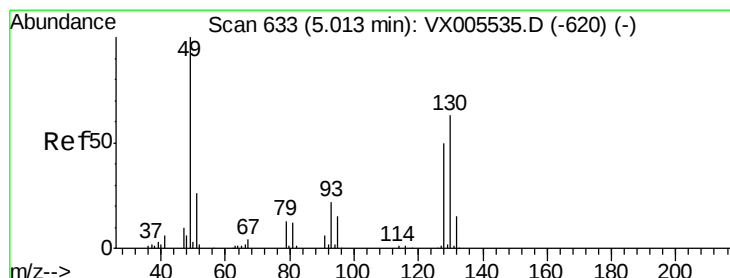
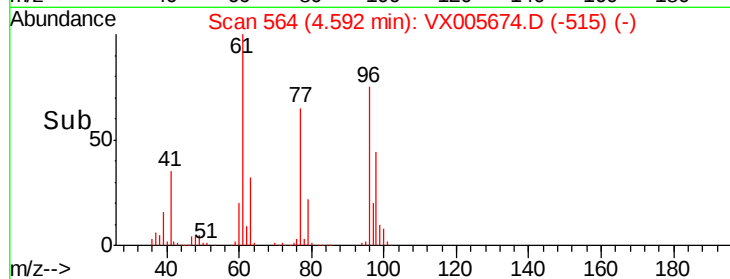
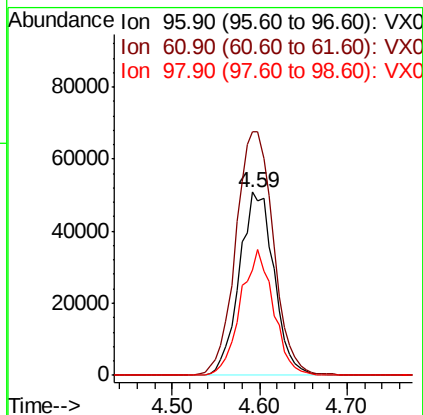
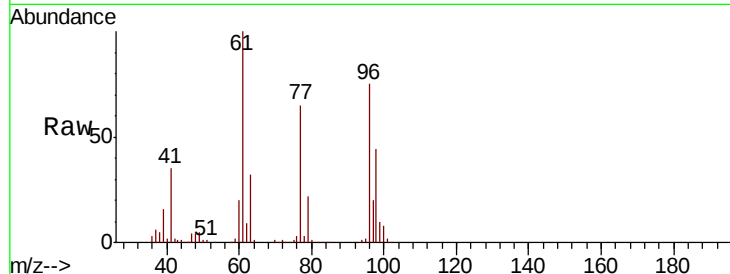


#27

cis-1,2-Dichloroethene
 Concen: 48.878 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: VX005674.D
 Acq: 29 Oct 2018 21:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

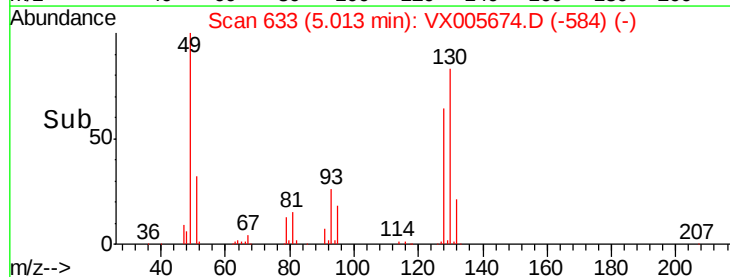
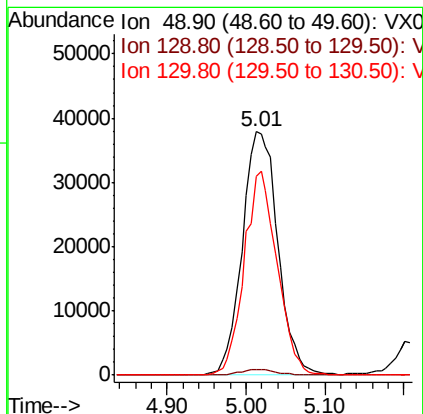
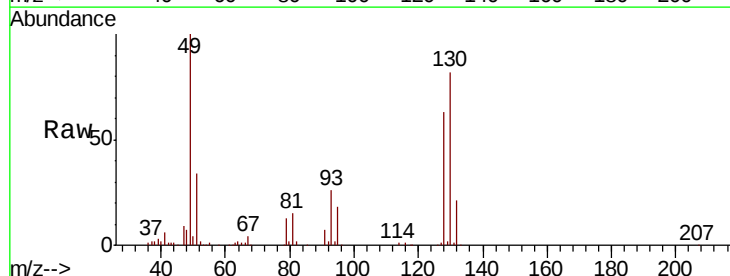
Tot Ion	Ratio	Lower	Upper
96	100		
61	144.4	0.0	304.6
98	65.0	0.0	127.4

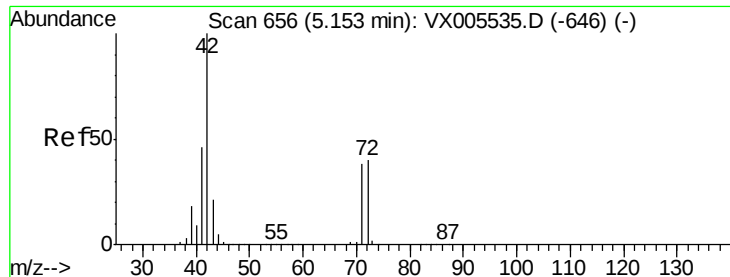


#28

Bromochloromethane
 Concen: 47.436 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: VX005674.D
 Acq: 29 Oct 2018 21:24

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.0
130	77.6	58.9	88.3





#29

Tetrahydrofuran

Concen: 246.738 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

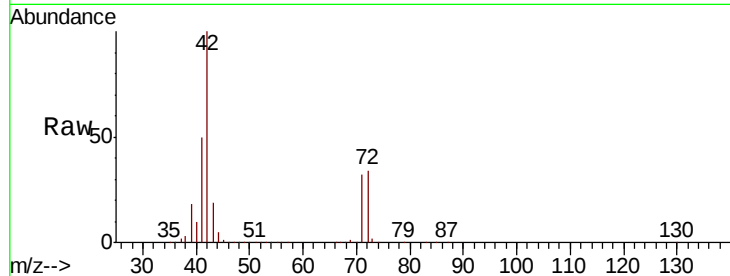
Tot Ion: 42 Resp: 410472

Ion Ratio Lower Upper

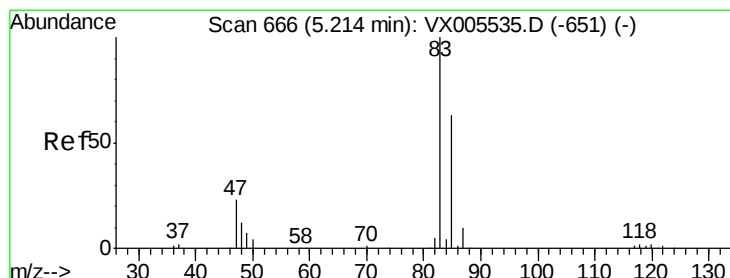
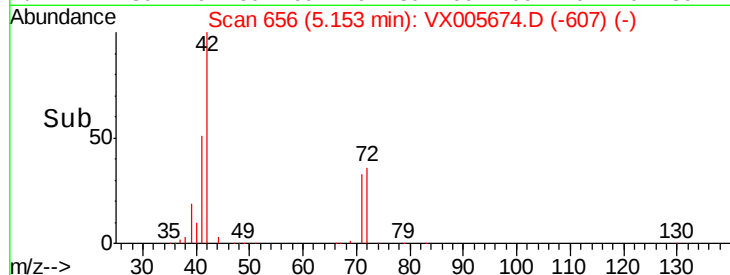
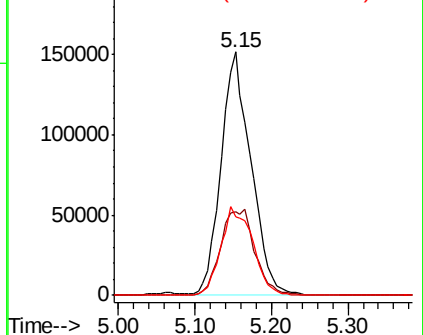
42 100

72 40.4 32.0 48.0

71 38.6 29.8 44.8



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 45.844 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX005674.D

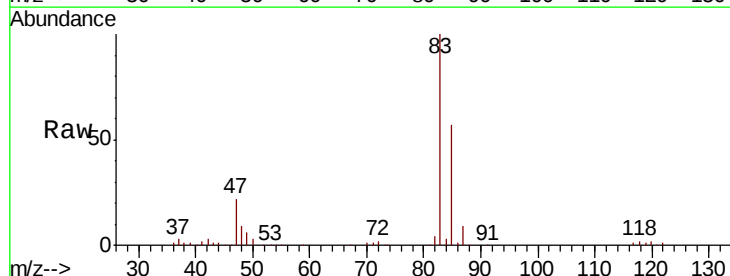
Acq: 29 Oct 2018 21:24

Tgt Ion: 83 Resp: 221982

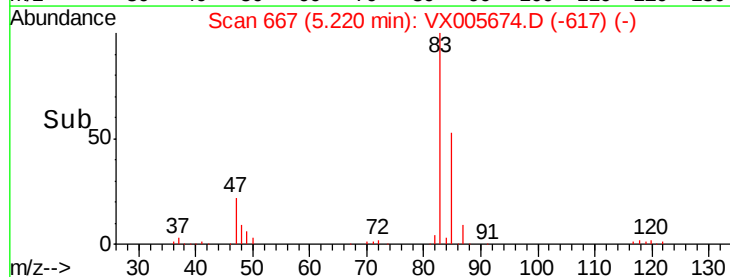
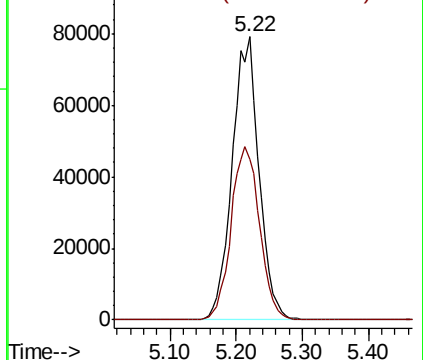
Ion Ratio Lower Upper

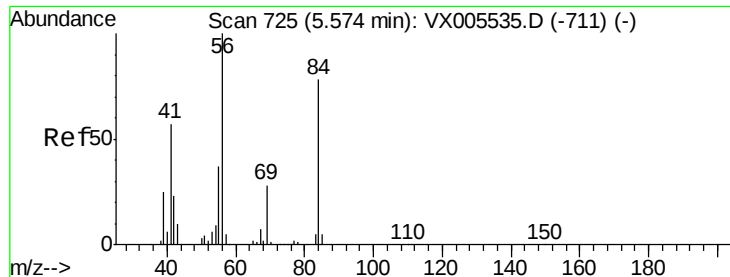
83 100

85 56.9 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0

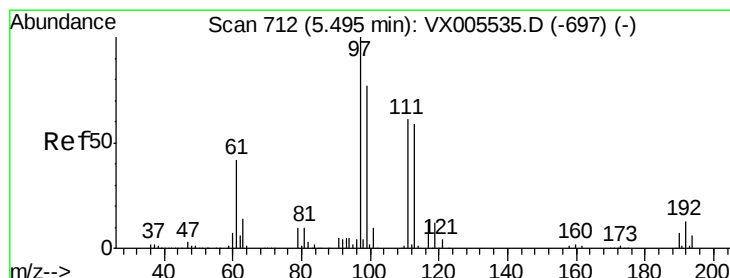
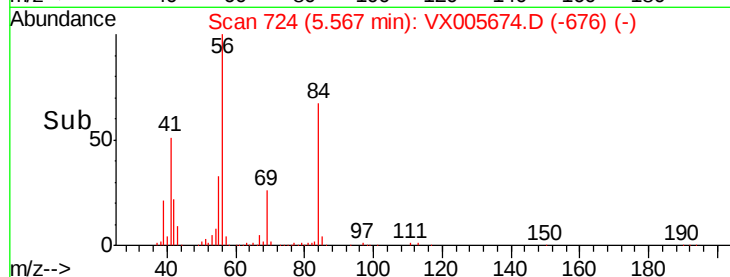
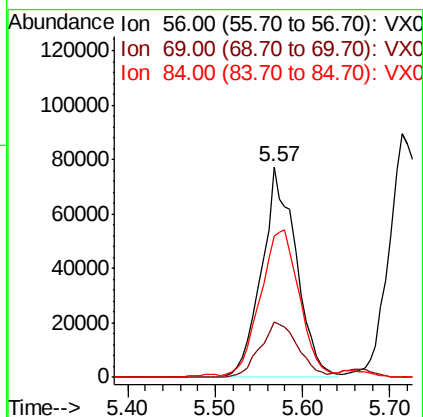
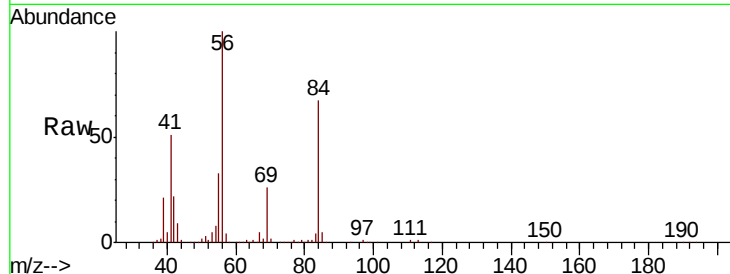




#31
Cyclohexane
Concen: 49.278 ug/l
RT: 5.57 min Scan# 724
Delta R.T. -0.01 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

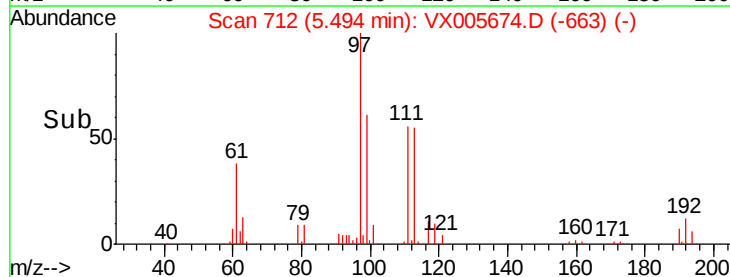
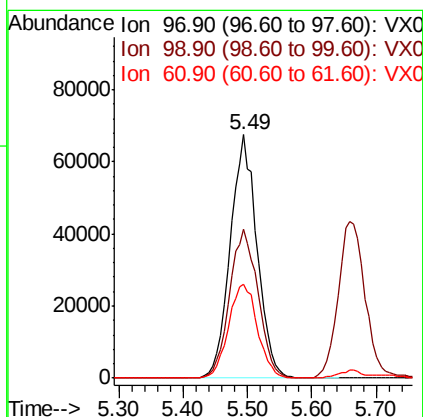
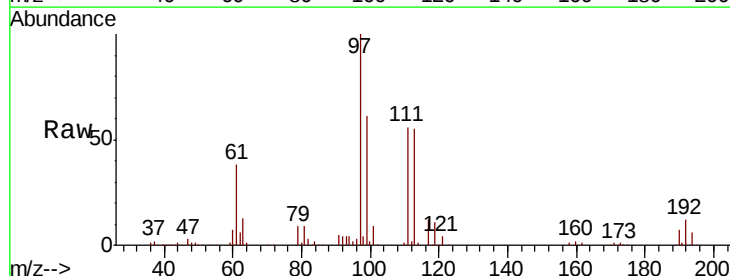
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

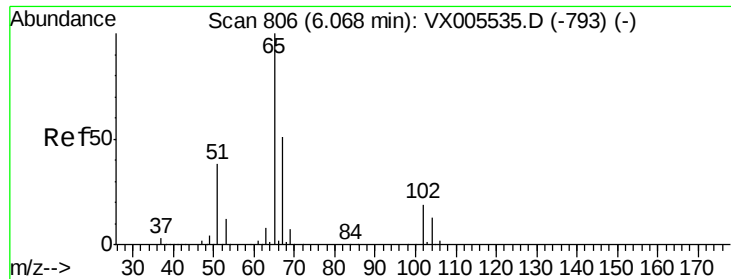
Tot Ion: 56 Resp: 211055
Ion Ratio Lower Upper
56 100
69 26.4 22.6 34.0
84 66.3 62.7 94.1



#32
1,1,1-Trichloroethane
Concen: 45.872 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

Tgt Ion: 97 Resp: 196041
Ion Ratio Lower Upper
97 100
99 64.8 52.3 78.5
61 41.8 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 45.405 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

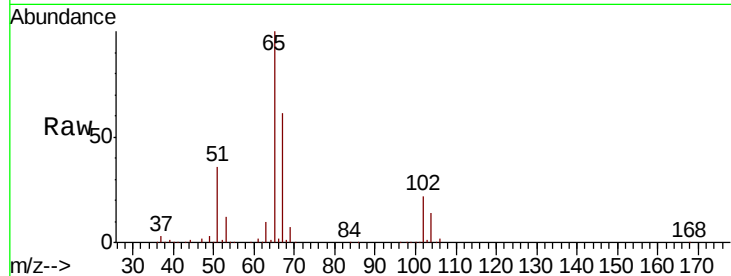
VSTDCCC050EC

Tot Ion: 65 Resp: 144246

Ion Ratio Lower Upper

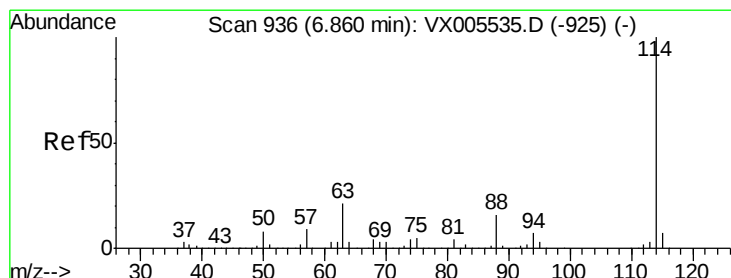
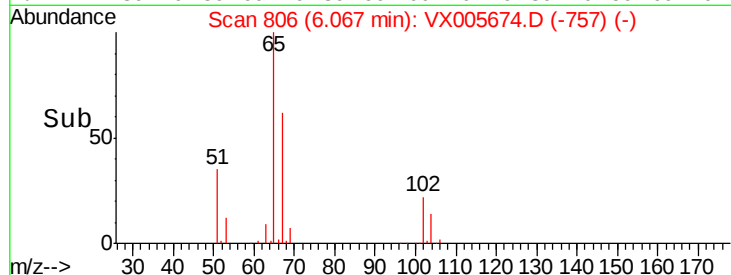
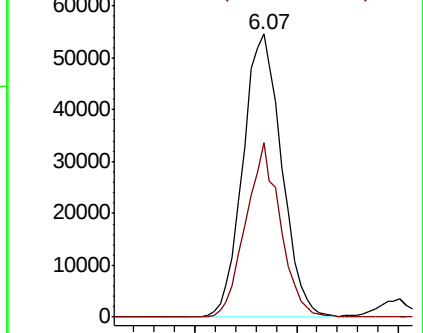
65 100

67 55.1 0.0 105.0



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: 6.87 min Scan# 937

Delta R.T. 0.01 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

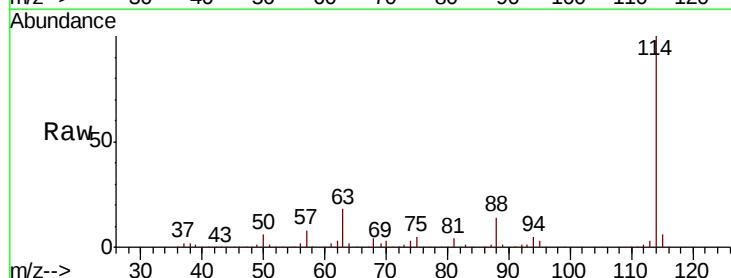
Tgt Ion: 114 Resp: 378685

Ion Ratio Lower Upper

114 100

63 18.3 0.0 42.8

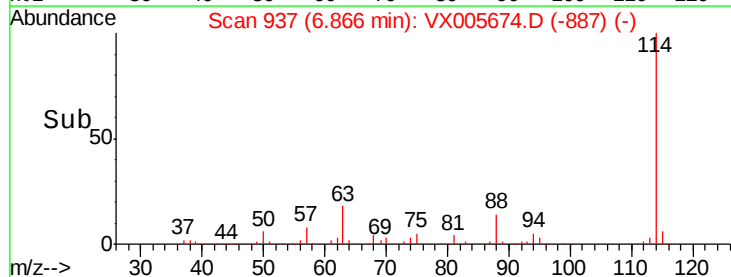
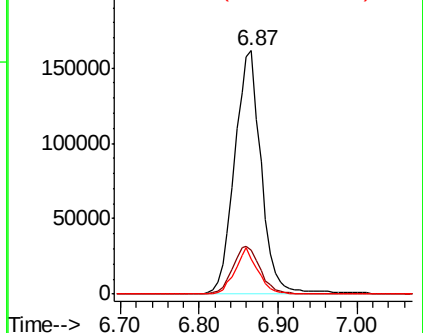
88 14.4 0.0 31.2

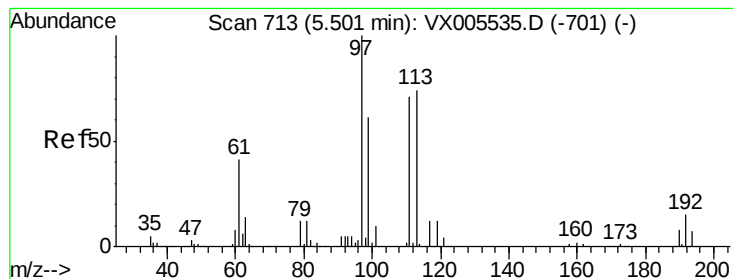


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.751 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

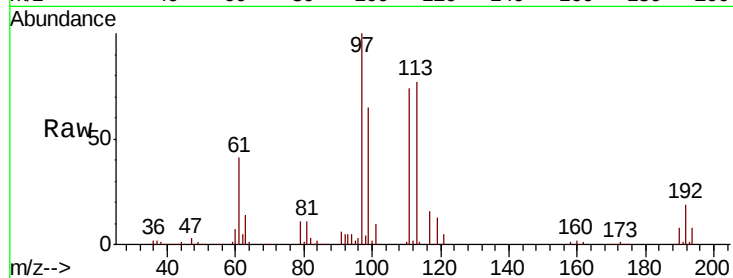
Tot Ion:113 Resp: 119876

Ion Ratio Lower Upper

113 100

111 106.0 82.3 123.5

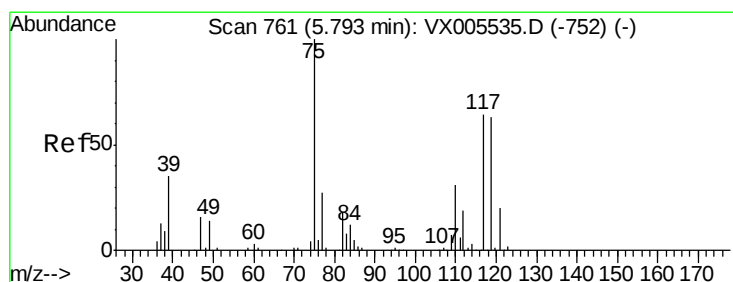
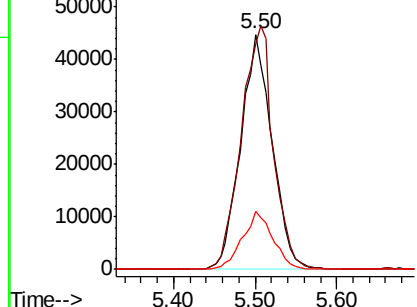
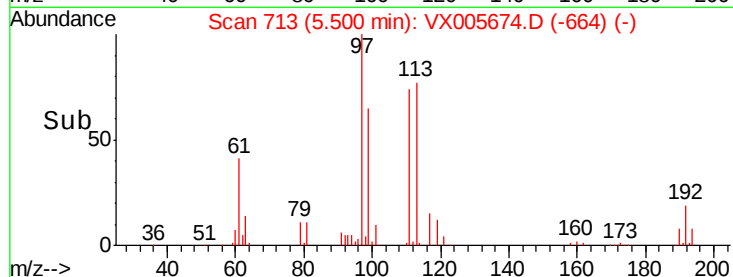
192 23.8 17.9 26.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 44.734 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.01 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

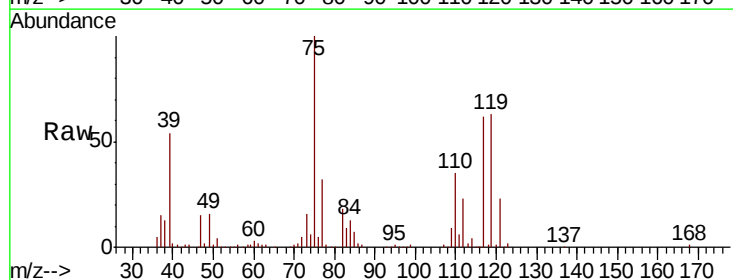
Tgt Ion: 75 Resp: 164395

Ion Ratio Lower Upper

75 100

110 36.6 17.4 52.2

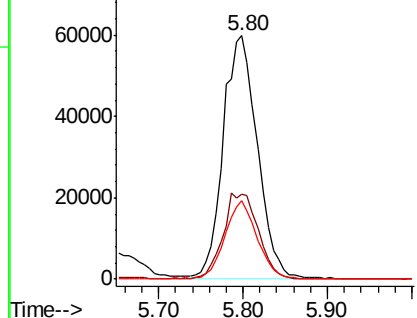
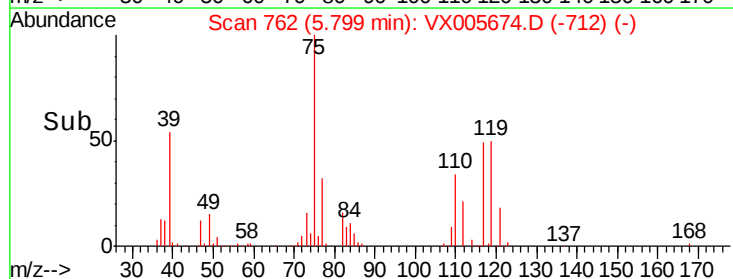
77 30.1 25.8 38.6

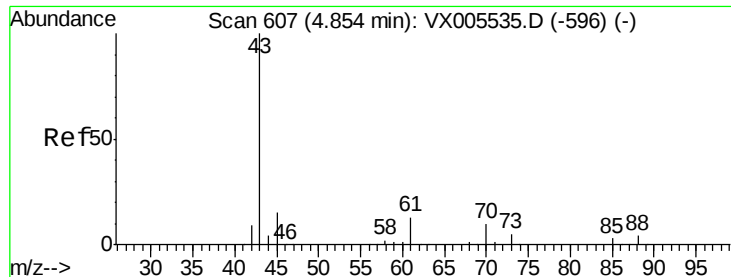


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

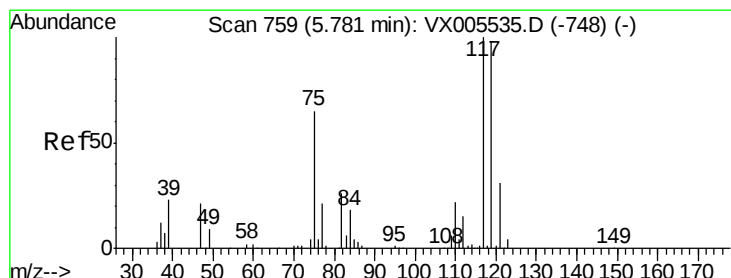
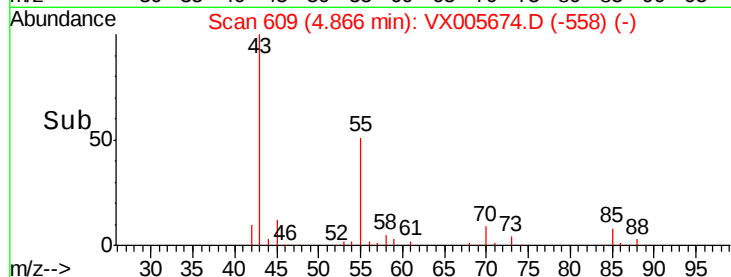
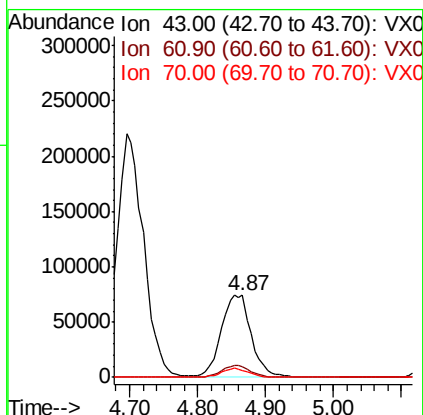
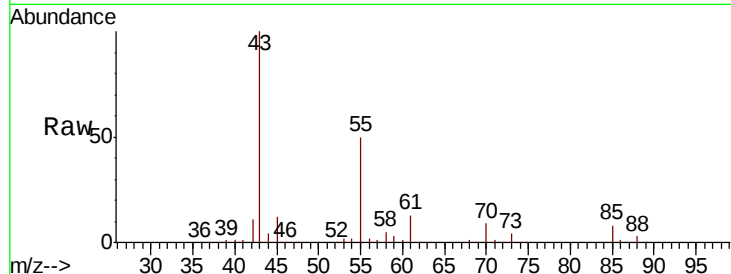




#37
Ethyl Acetate
Concen: 48.200 ug/l
RT: 4.87 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

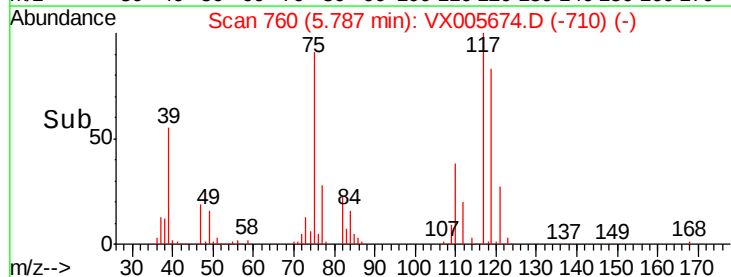
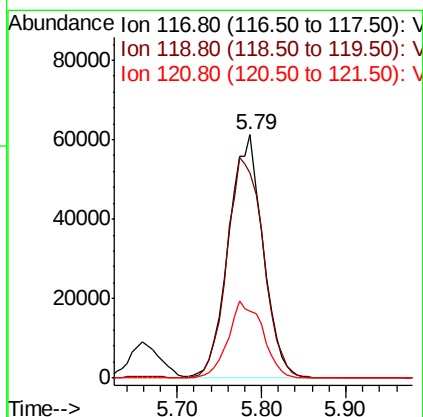
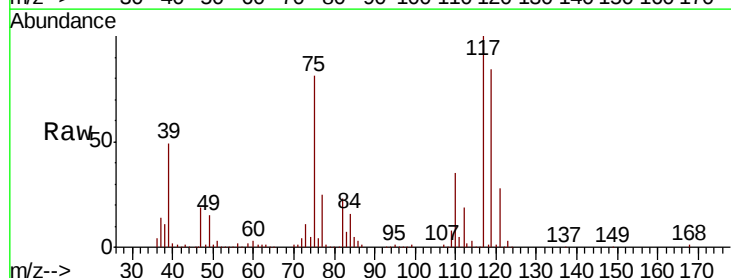
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

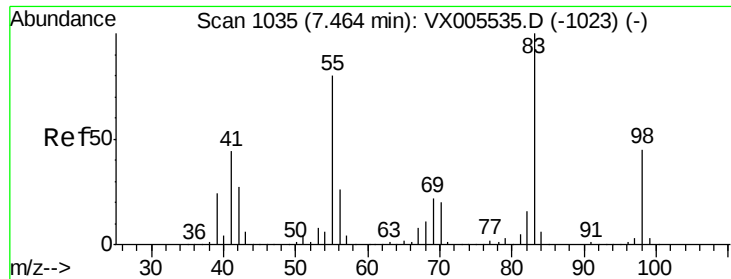
Tot Ion: 43 Resp: 226037
Ion Ratio Lower Upper
43 100
61 14.2 10.8 16.2
70 10.3 7.8 11.8



#38
Carbon Tetrachloride
Concen: 43.692 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

Tgt Ion: 117 Resp: 169116
Ion Ratio Lower Upper
117 100
119 84.2 78.1 117.1
121 27.6 24.6 36.8

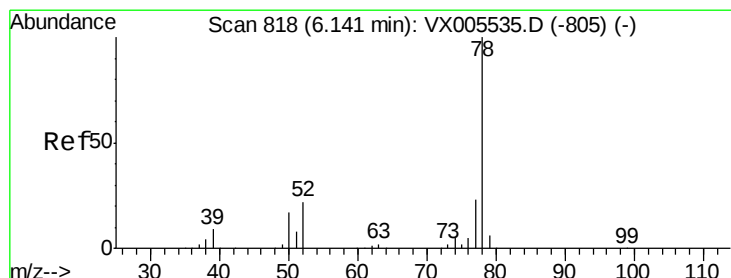
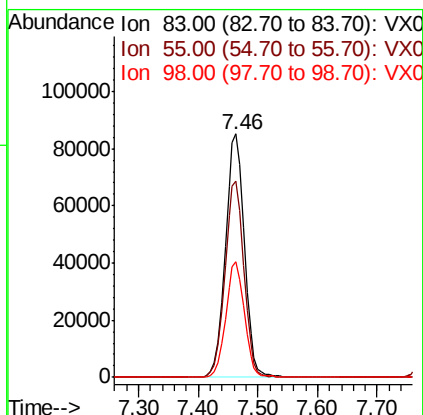
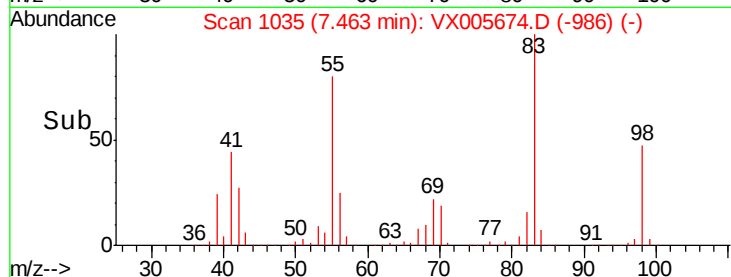
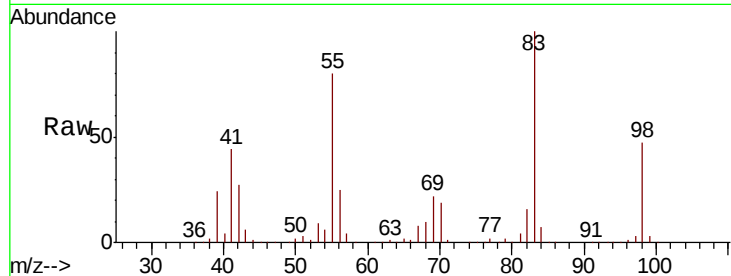




#39
Methvlcvclohexane
Concen: 46.464 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

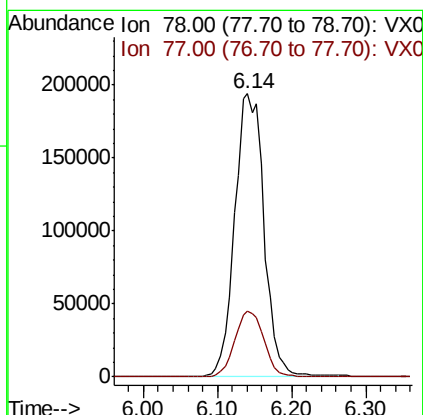
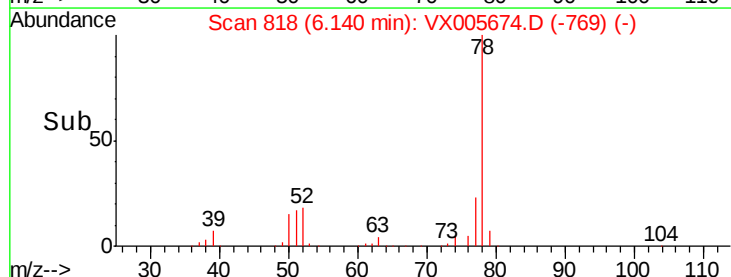
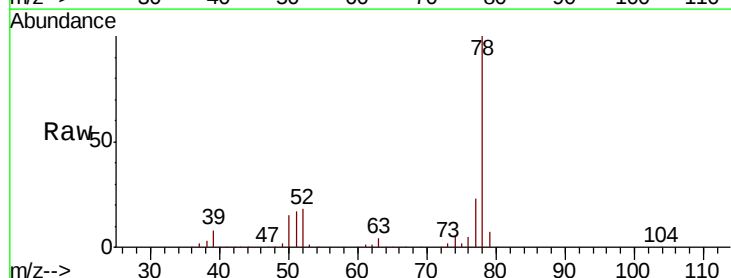
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

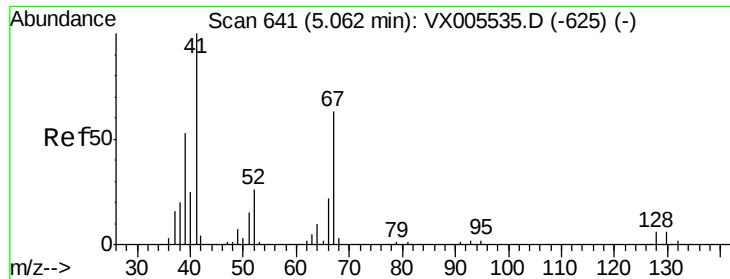
Tot Ion: 83 Resp: 188552
Ion Ratio Lower Upper
83 100
55 80.4 63.7 95.5
98 47.3 36.2 54.2



#40
Benzene
Concen: 50.927 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

Tgt Ion: 78 Resp: 536501
Ion Ratio Lower Upper
78 100
77 23.2 18.4 27.6

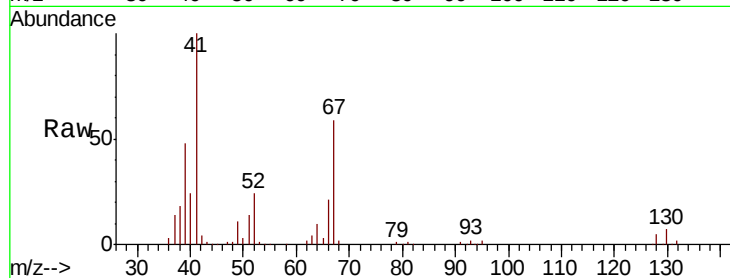




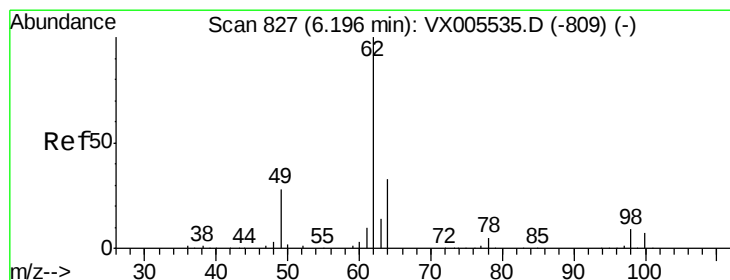
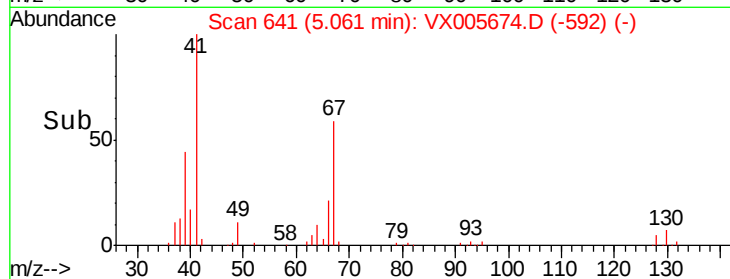
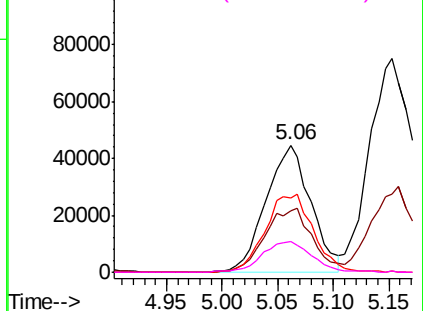
#41
Methacrylonitrile
Concen: 47.769 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	124785
Ion	Ratio	Lower	Upper
41	100		
39	53.8	42.2	63.2
67	66.3	53.4	80.0
52	26.5	23.4	35.2

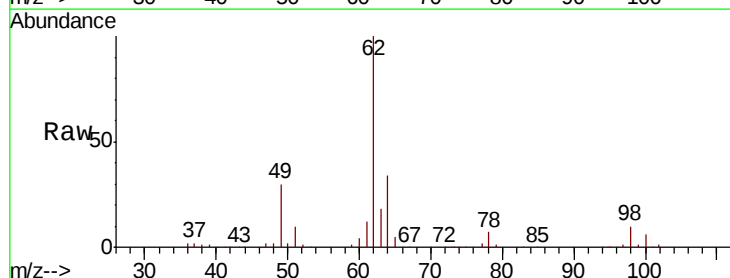


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

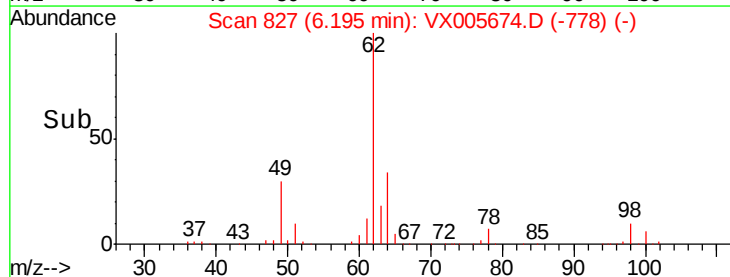
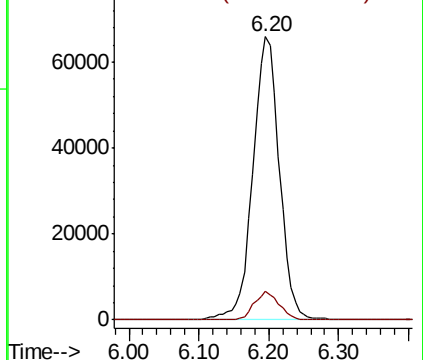


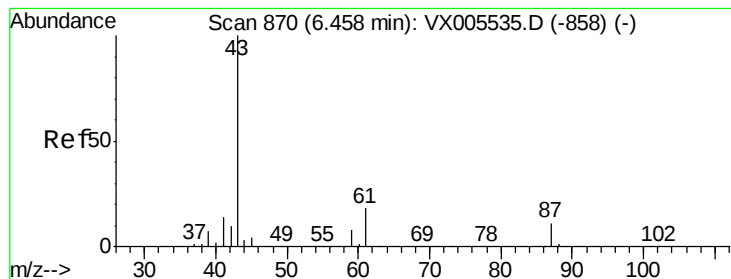
#42
1,2-Dichloroethane
Concen: 43.339 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

Tgt Ion:	62	Resp:	173444
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	17.8



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





#43

Isopropyl Acetate

Concen: 50.039 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

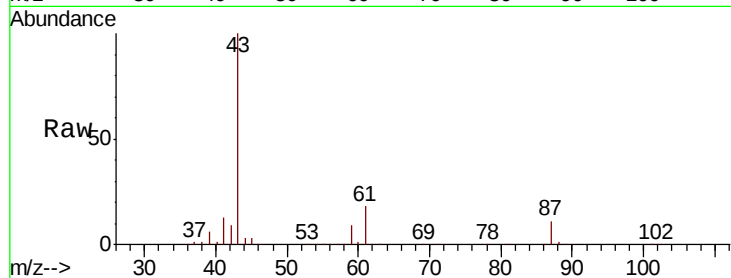
Tot Ion: 43 Resp: 351640

Ion Ratio Lower Upper

43 100

61 18.8 14.6 22.0

87 11.6 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VX005535.D (-858) (-)

Ion 61.00 (60.70 to 61.70): VX005535.D (-858) (-)

Ion 87.00 (86.70 to 87.70): VX005535.D (-858) (-)

6.46

150000

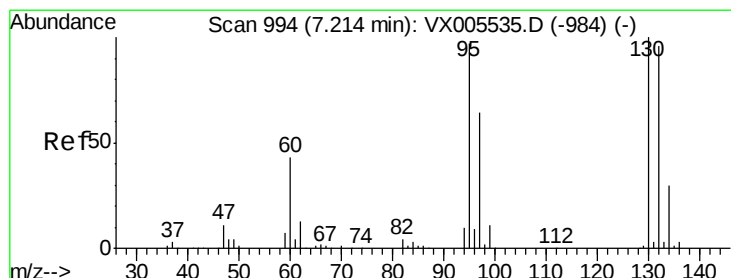
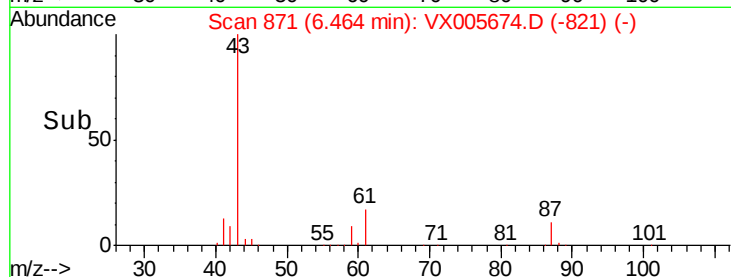
100000

50000

0

6.30 6.40 6.50 6.60 6.70

Time-->



#44

Trichloroethene

Concen: 46.499 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX005674.D

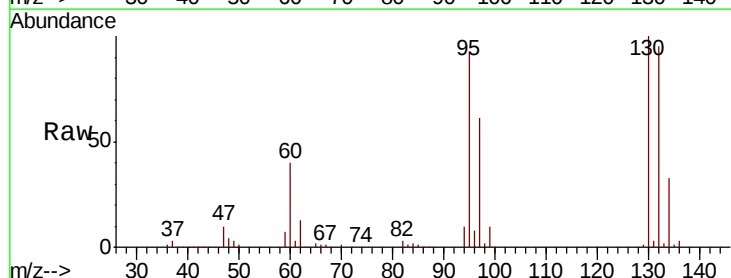
Acq: 29 Oct 2018 21:24

Tgt Ion:130 Resp: 133448

Ion Ratio Lower Upper

130 100

95 93.4 0.0 194.2



Abundance Ion 129.80 (129.50 to 130.50): VX005535.D (-984) (-)

Ion 94.90 (94.60 to 95.60): VX005535.D (-984) (-)

7.21

60000

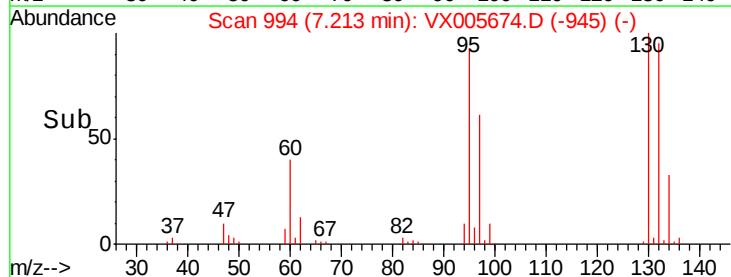
40000

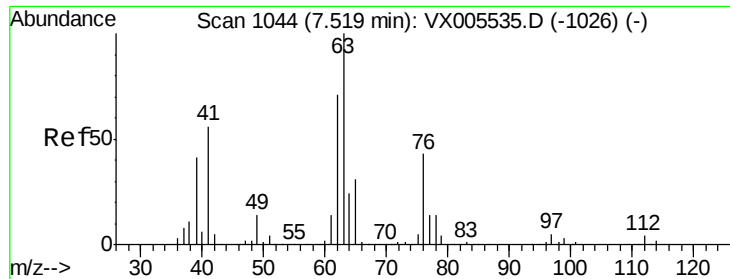
20000

0

7.10 7.20 7.30 7.40

Time-->





#45

1,2-Dichloropropane

Concen: 45.852 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

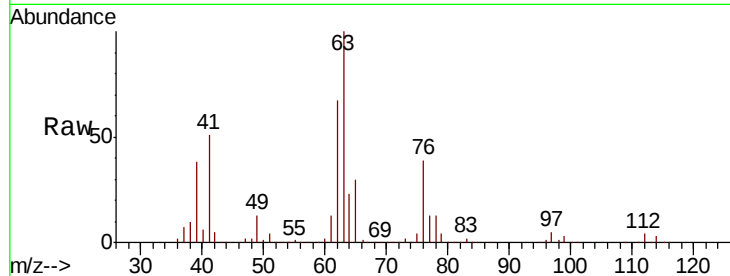
VSTDCCC050EC

Tot Ion: 63 Resp: 129867

Ion Ratio Lower Upper

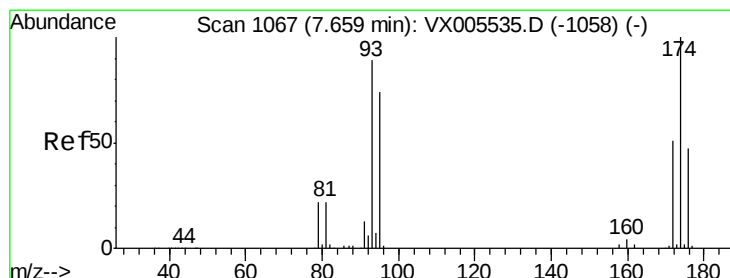
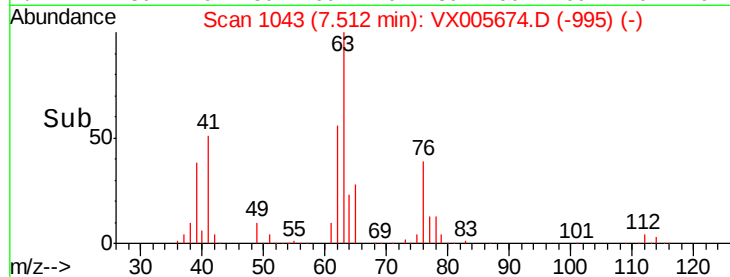
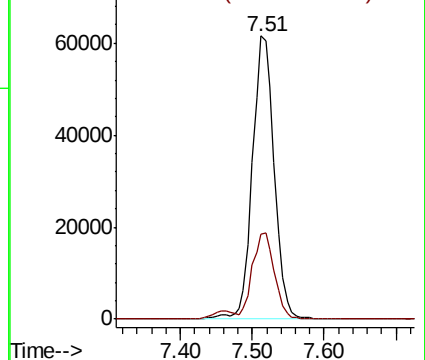
63 100

65 29.7 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 44.708 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

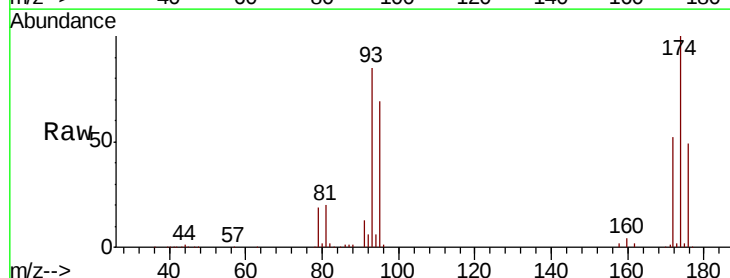
Tgt Ion: 93 Resp: 81782

Ion Ratio Lower Upper

93 100

95 83.0 67.4 101.0

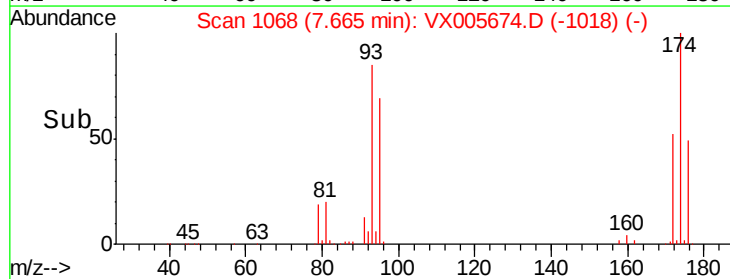
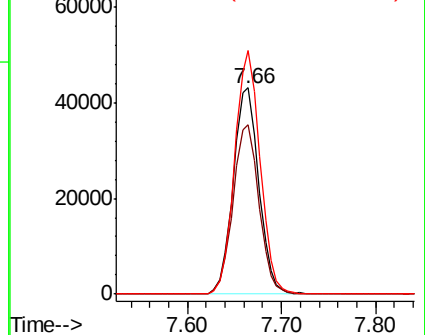
174 117.0 91.5 137.3

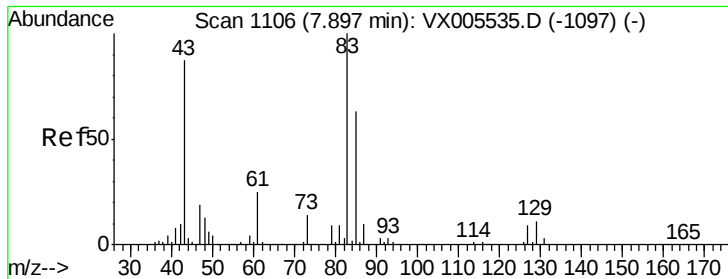


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 44.735 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

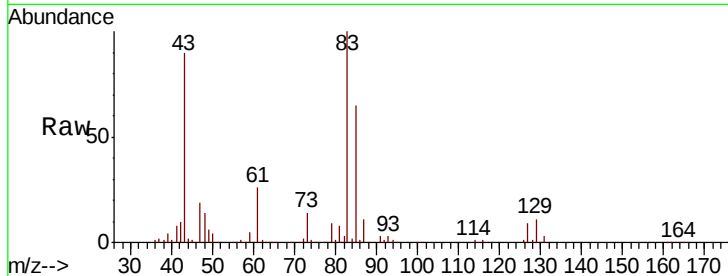
Tot Ion: 83 Resp: 158826

Ion Ratio Lower Upper

83 100

85 64.5 50.2 75.4

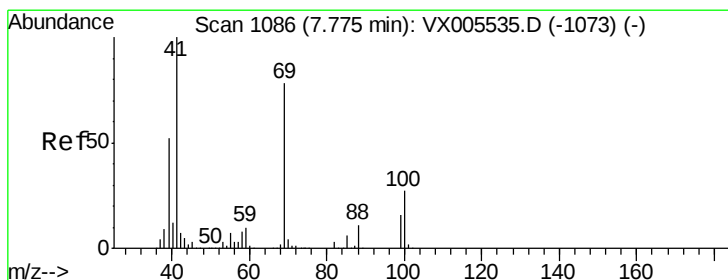
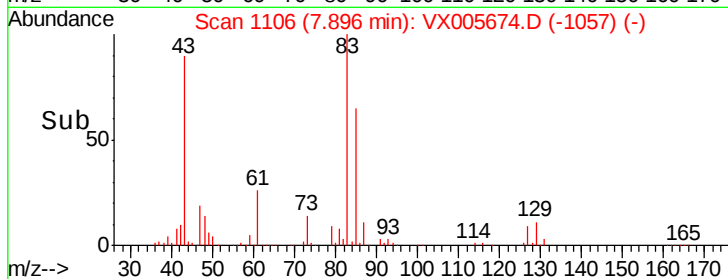
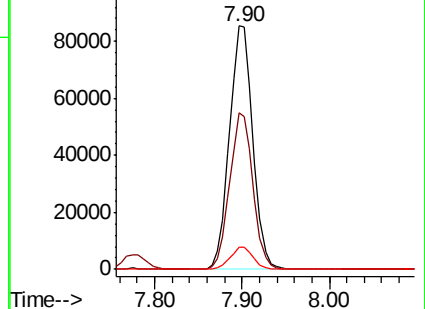
127 9.1 6.9 10.3



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: 47.191 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

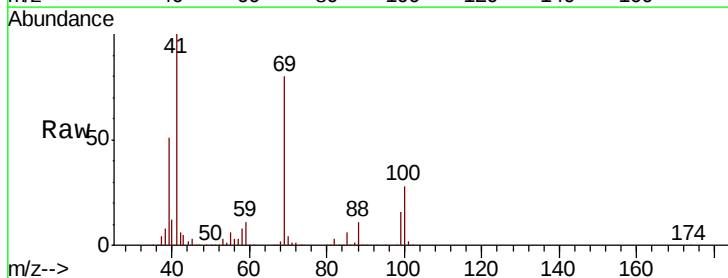
Tgt Ion: 41 Resp: 161556

Ion Ratio Lower Upper

41 100

69 82.1 63.2 94.8

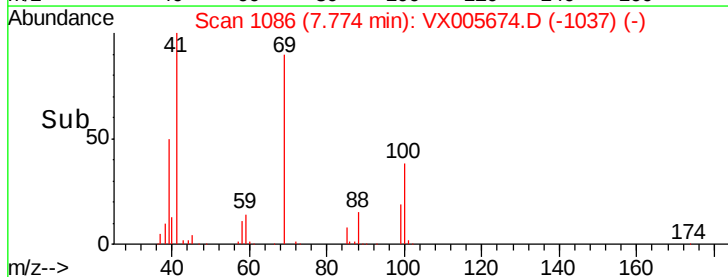
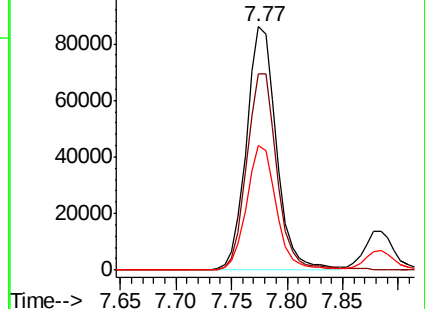
39 50.5 42.2 63.2

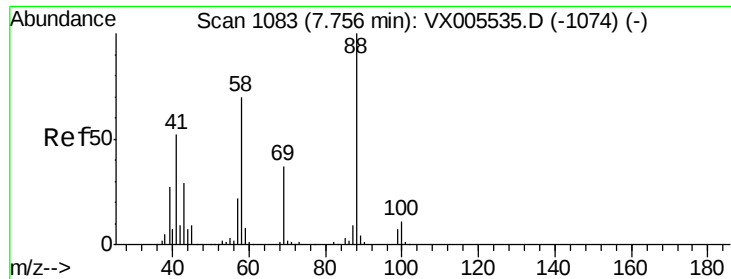


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

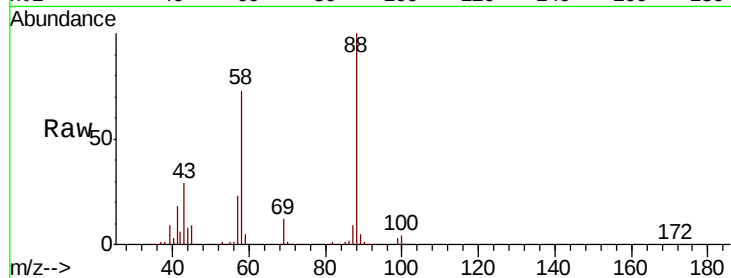




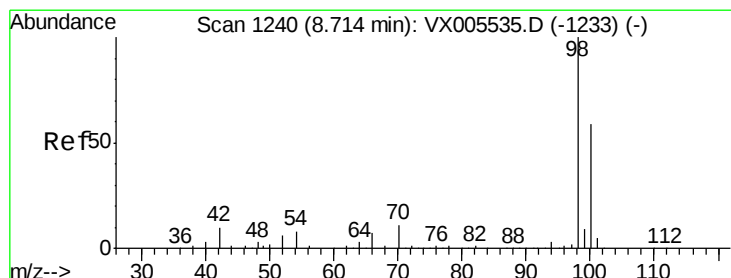
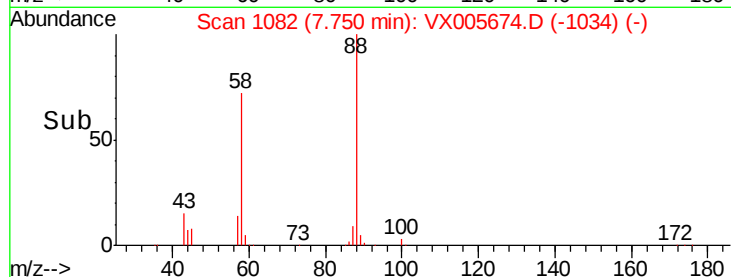
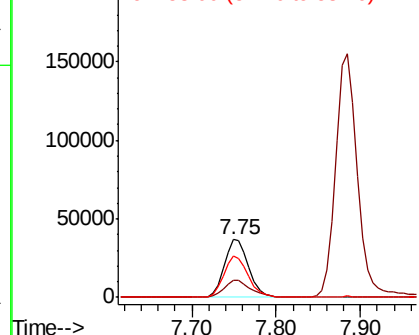
#49
1,4-Dioxane
Concen: 971.804 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 72705
Ion Ratio Lower Upper
88 100
43 32.6 27.4 41.0
58 72.9 59.4 89.2

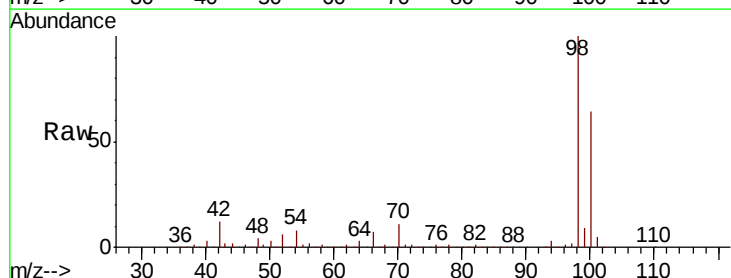


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

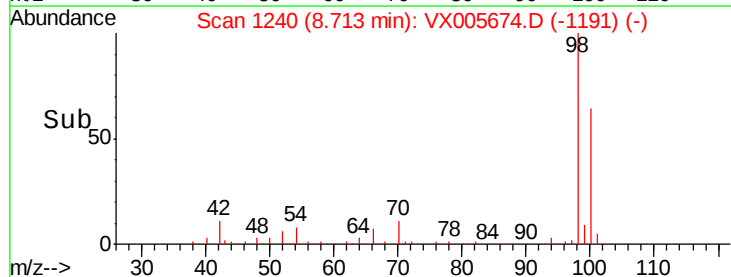
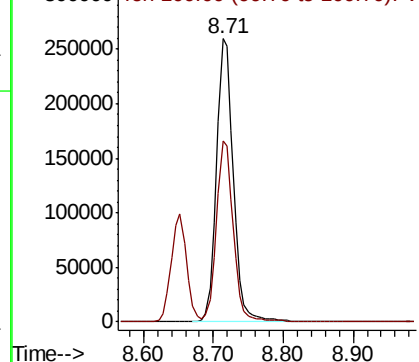


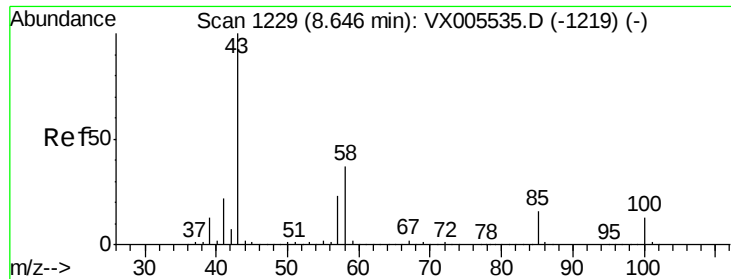
#50
Toluene-d8
Concen: 47.059 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

Tgt Ion: 98 Resp: 433576
Ion Ratio Lower Upper
98 100
100 64.1 51.3 76.9



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





#51

4-Methyl-2-Pentanone

Concen: 231.228 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

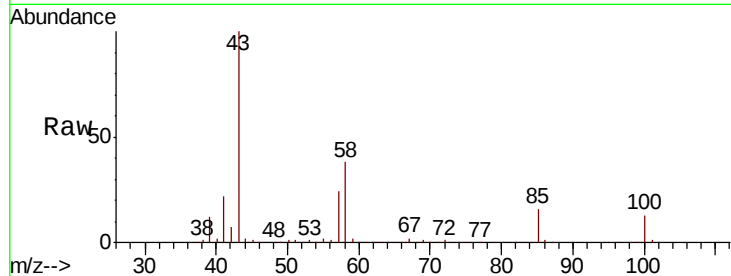
VSTDCCC050EC

Tot Ion: 43 Resp: 1092055

Ion Ratio Lower Upper

43 100

58 38.2 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

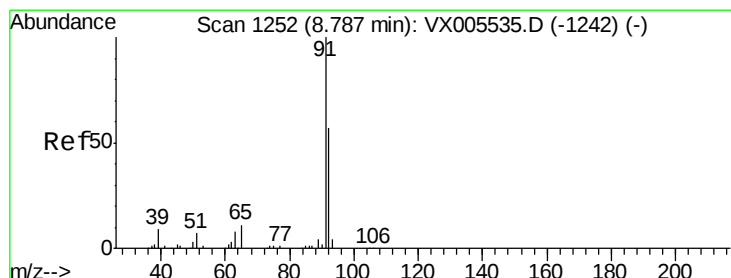
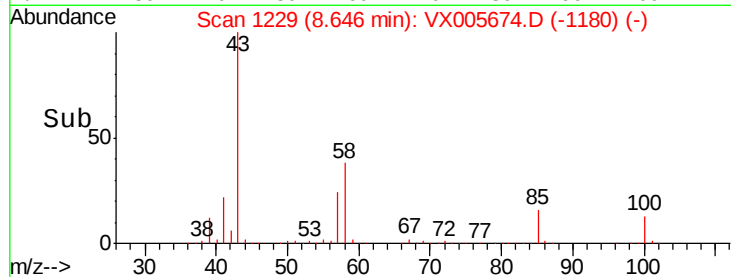
600000

400000

200000

0

Time--> 8.50 8.60 8.70 8.80



#52

Toluene

Concen: 46.523 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005674.D

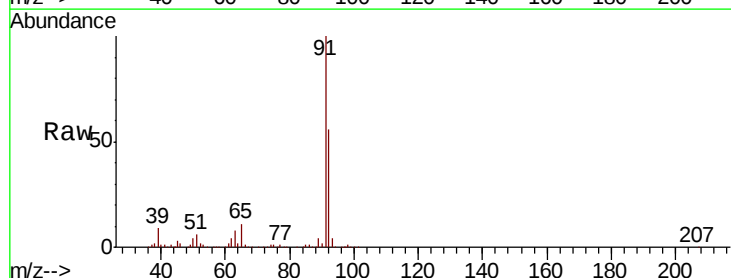
Acq: 29 Oct 2018 21:24

Tgt Ion: 92 Resp: 297861

Ion Ratio Lower Upper

92 100

91 175.7 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

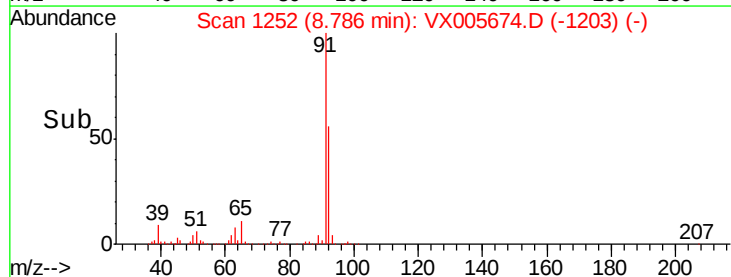
300000

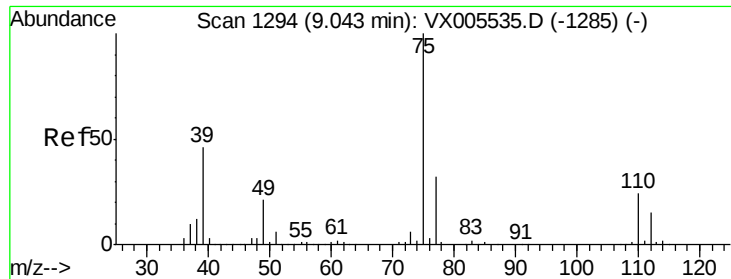
200000

100000

0

Time--> 8.70 8.80 8.90 9.00

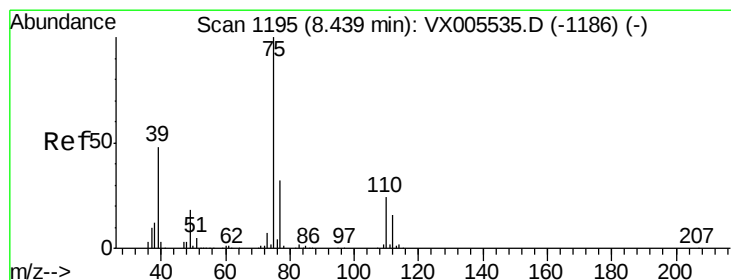
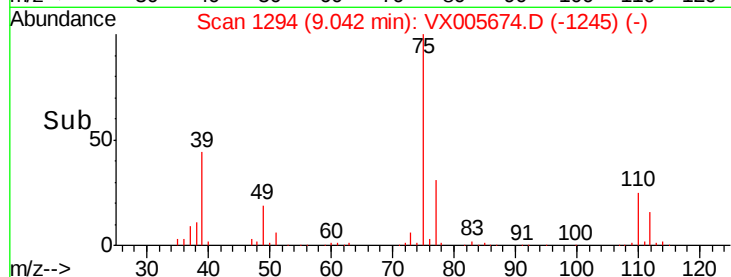
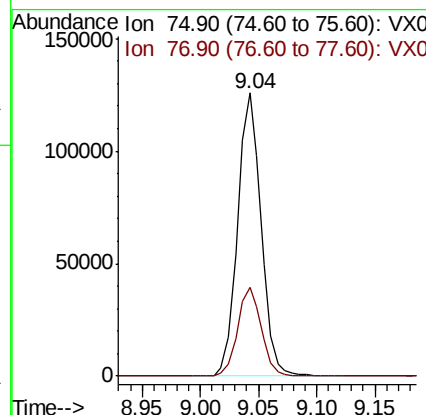
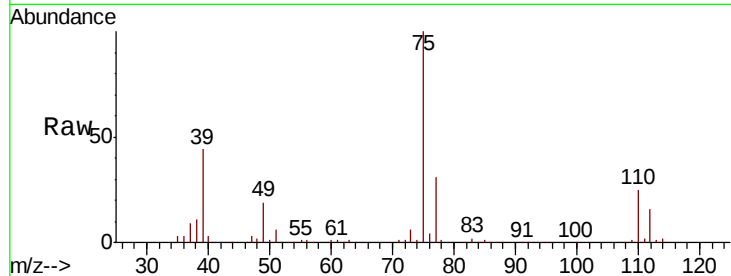




#53
t-1,3-Dichloropropene
Concen: 46.164 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

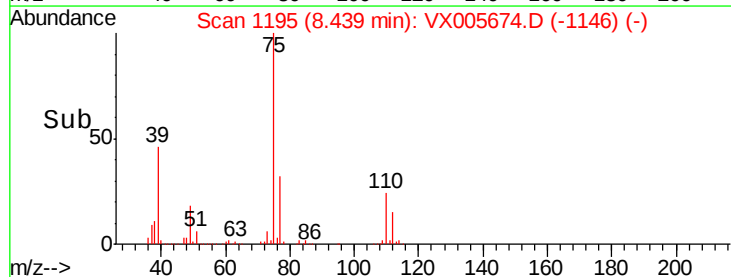
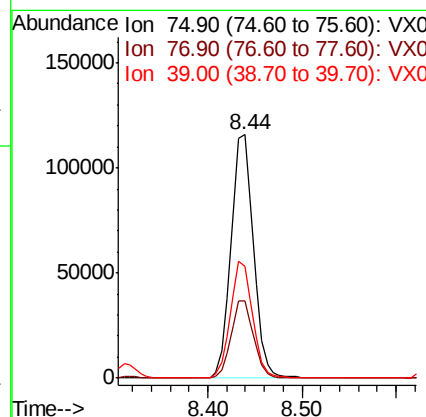
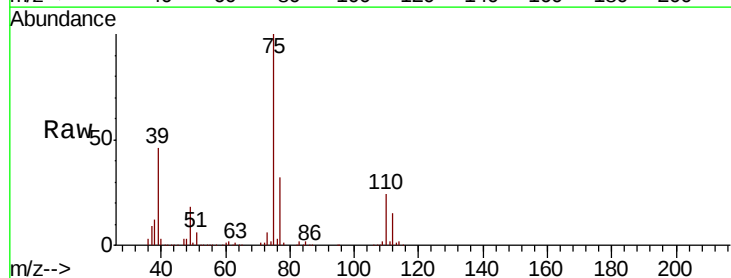
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

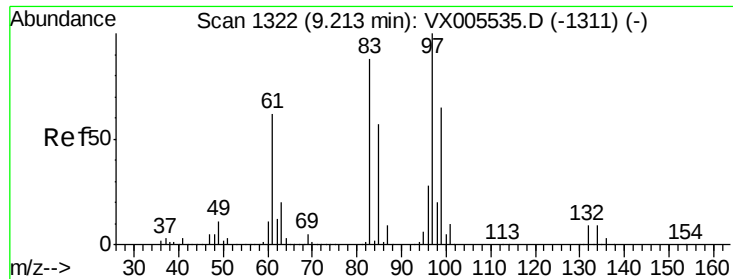
Tot Ion: 75 Resp: 177136
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 46.469 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

Tgt Ion: 75 Resp: 191973
Ion Ratio Lower Upper
75 100
77 31.8 25.2 37.8
39 45.8 38.2 57.2

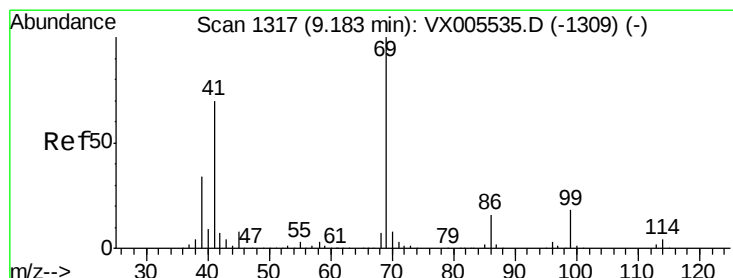
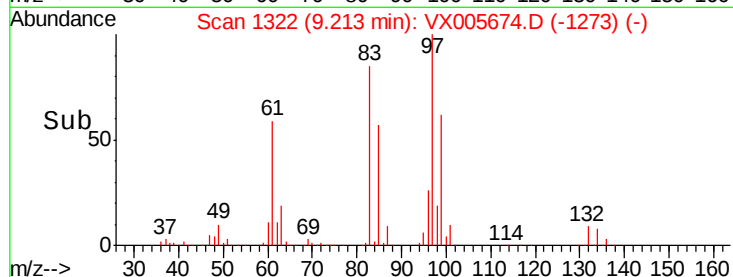
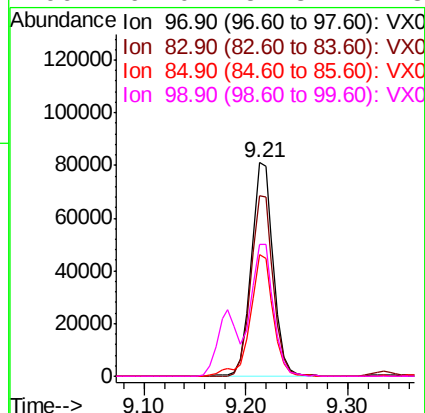
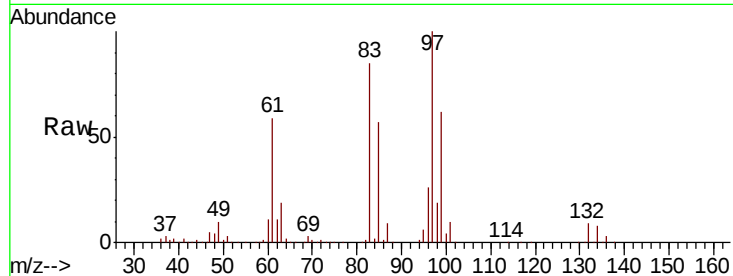




#55
1,1,2-Trichloroethane
Concen: 45.417 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

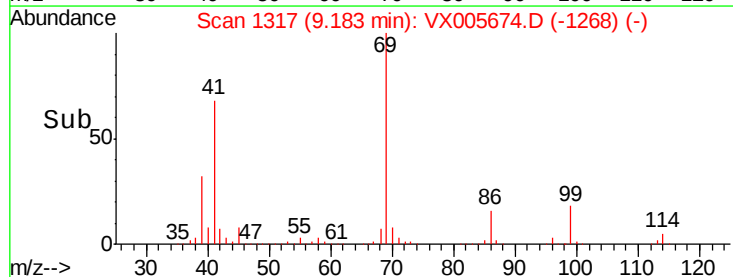
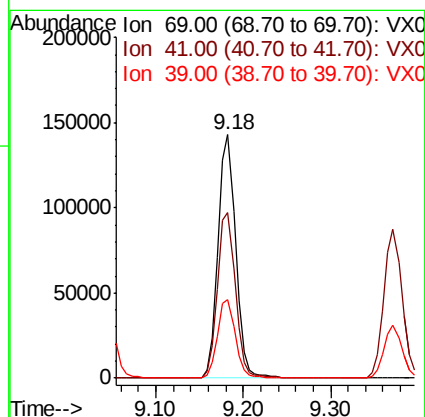
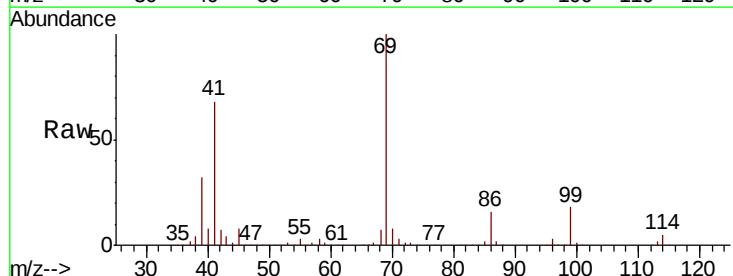
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

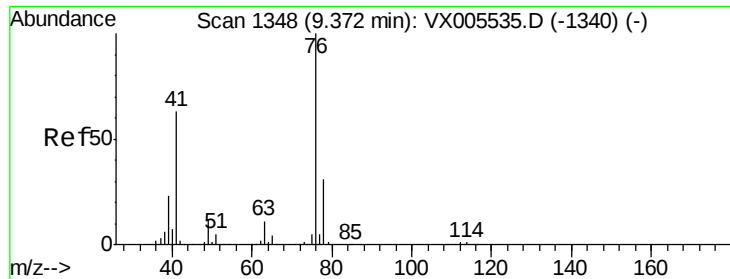
Tot Ion:	97	Resp:	122594
Ion	Ratio	Lower	Upper
97	100		
83	84.8	70.7	106.1
85	56.9	45.8	68.6
99	62.0	51.8	77.8



#56
Ethyl methacrylate
Concen: 49.585 ug/l
RT: 9.18 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

Tgt Ion:	69	Resp:	199643
Ion	Ratio	Lower	Upper
69	100		
41	69.4	57.0	85.6
39	32.6	28.3	42.5

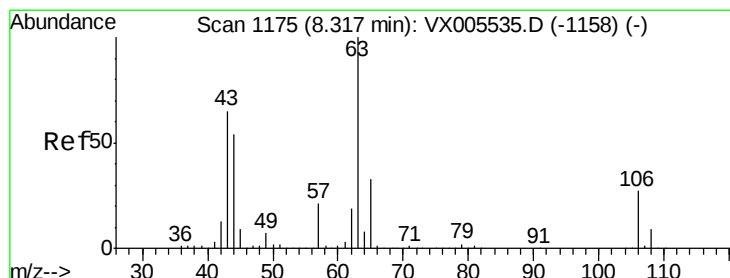
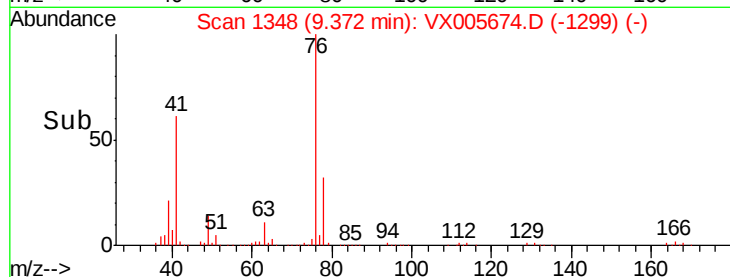
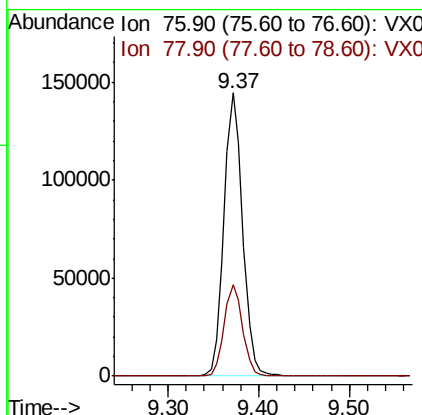
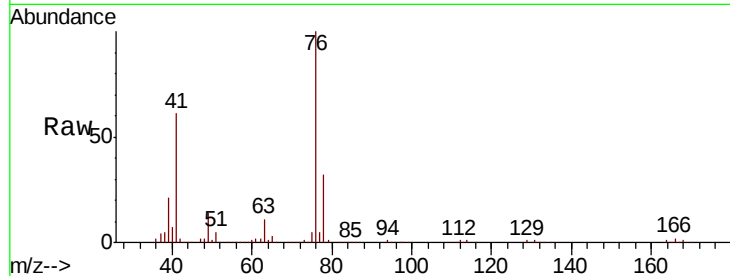




#57
 1,3-Dichloropropane
 Concen: 45.369 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005674.D
 Acq: 29 Oct 2018 21:24

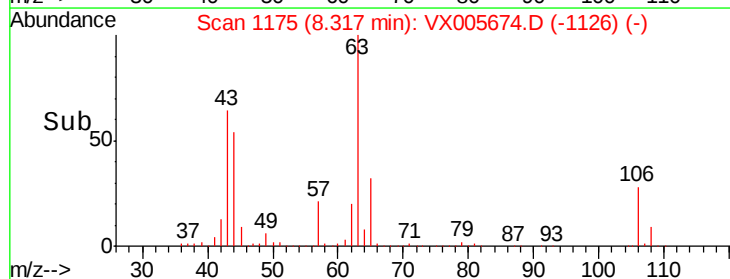
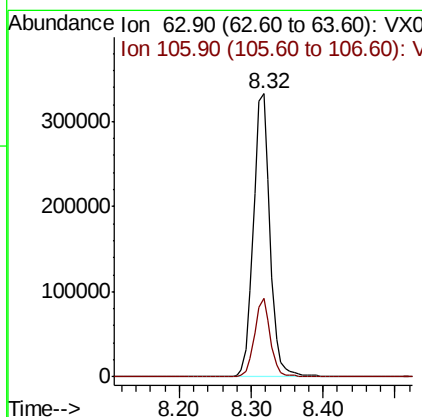
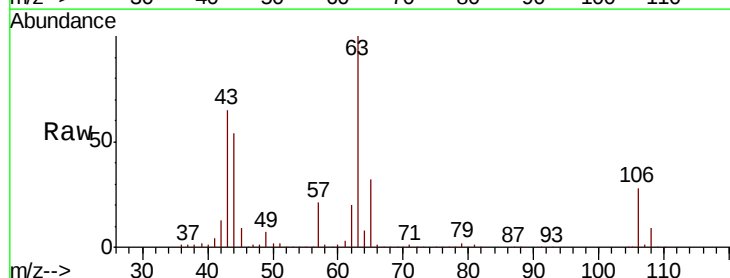
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

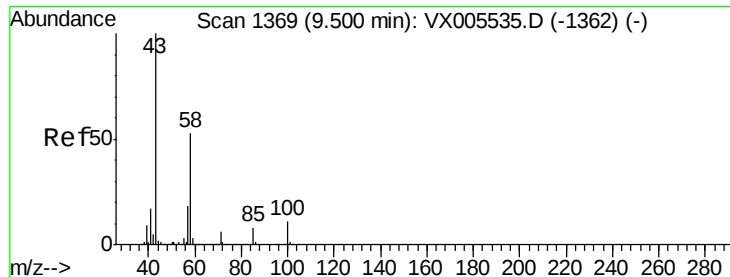
Tot Ion: 76 Resp: 207216
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.3 37.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 237.858 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: VX005674.D
 Acq: 29 Oct 2018 21:24

Tgt Ion: 63 Resp: 534874
 Ion Ratio Lower Upper
 63 100
 106 26.6 21.3 31.9

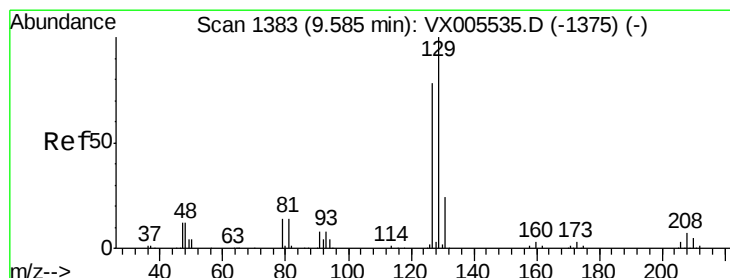
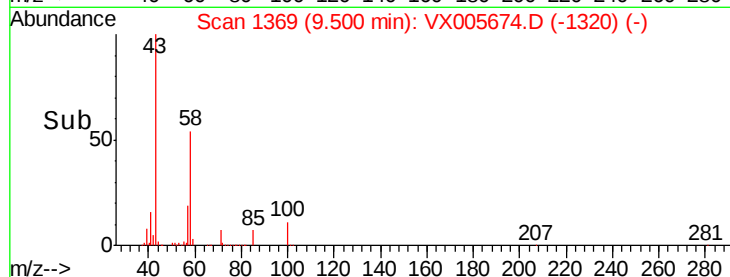
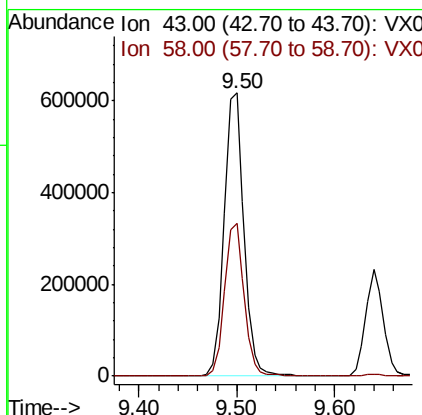
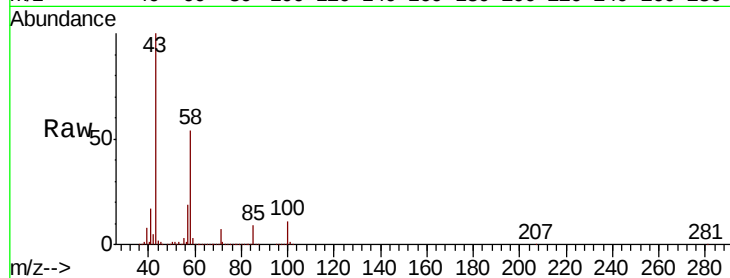




#59
2-Hexanone
Concen: 232.441 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

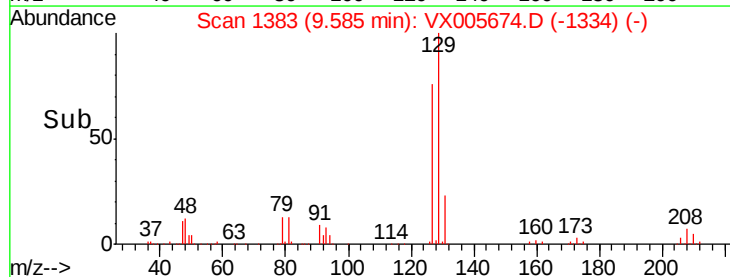
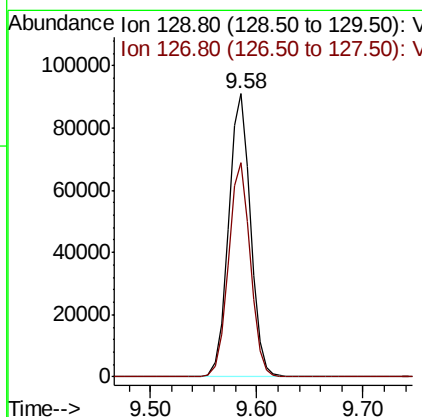
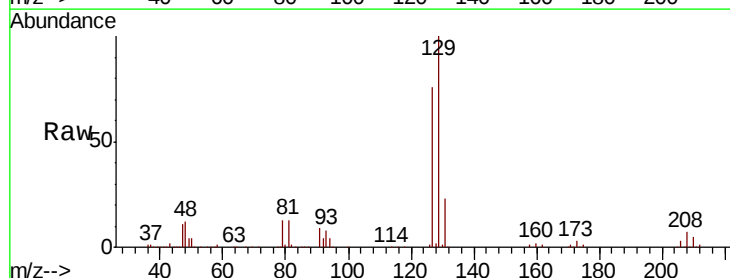
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

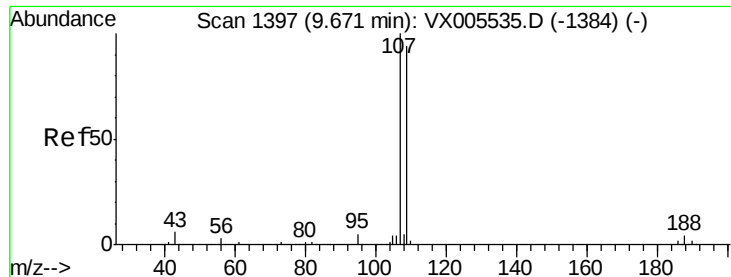
Tot Ion: 43 Resp: 865547
Ion Ratio Lower Upper
43 100
58 53.6 25.9 77.8



#60
Dibromochloromethane
Concen: 46.667 ug/l
RT: 9.58 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

Tgt Ion:129 Resp: 131430
Ion Ratio Lower Upper
129 100
127 75.5 38.9 116.7





#61

1,2-Dibromoethane

Concen: 46.017 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

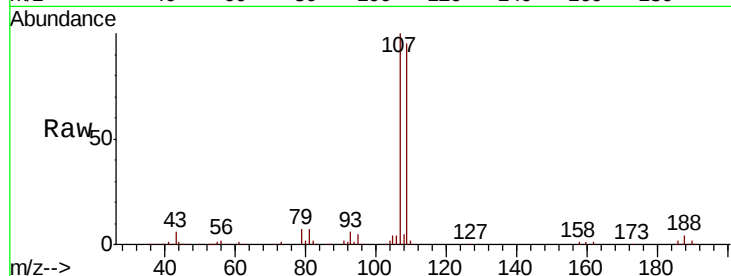
VSTDCCC050EC

Tot Ion:107 Resp: 128505

Ion Ratio Lower Upper

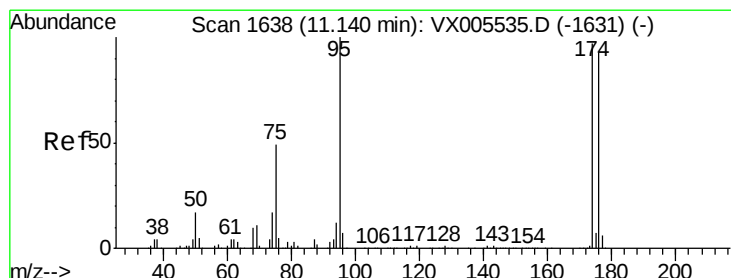
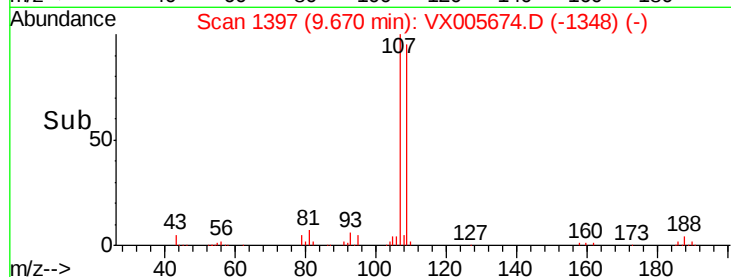
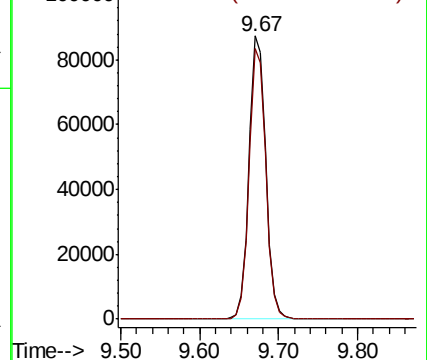
107 100

109 95.6 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.718 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

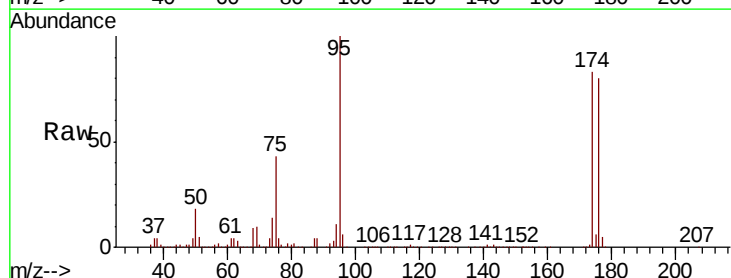
Tgt Ion: 95 Resp: 183428

Ion Ratio Lower Upper

95 100

174 85.5 0.0 184.4

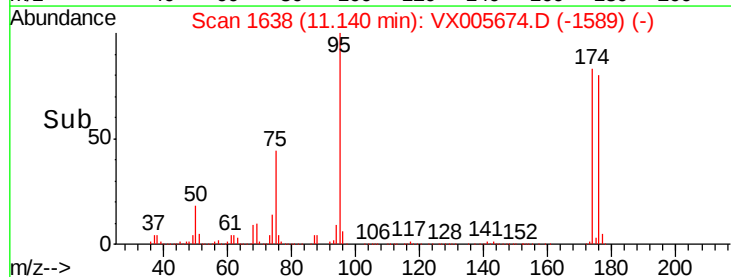
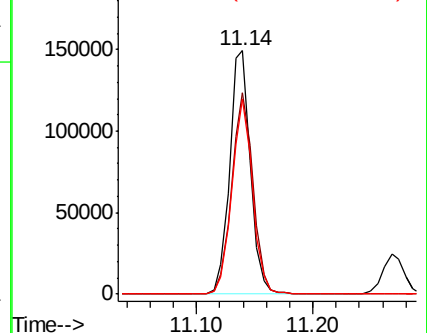
176 80.4 0.0 177.4

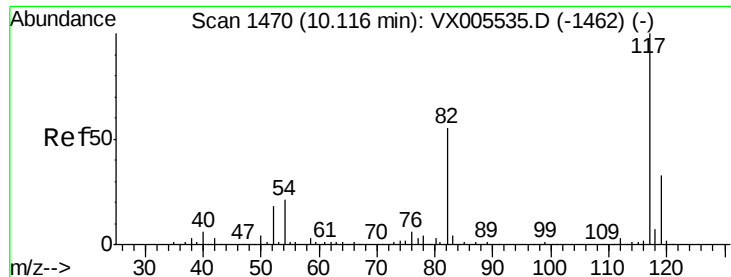


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

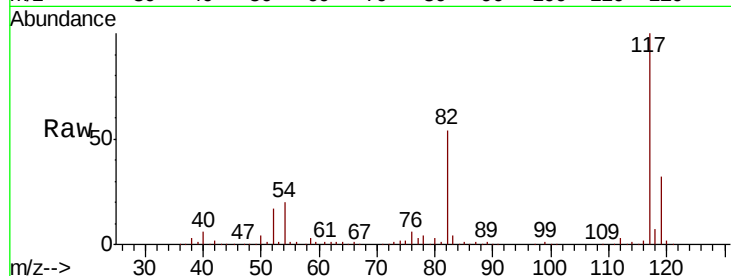




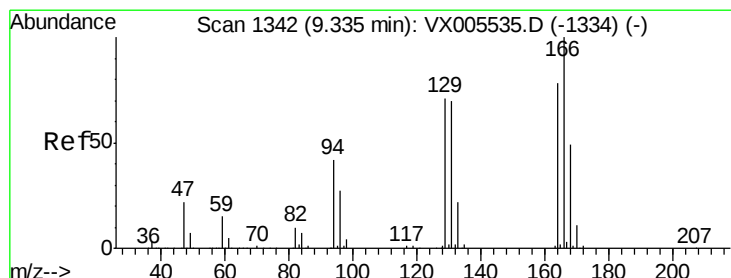
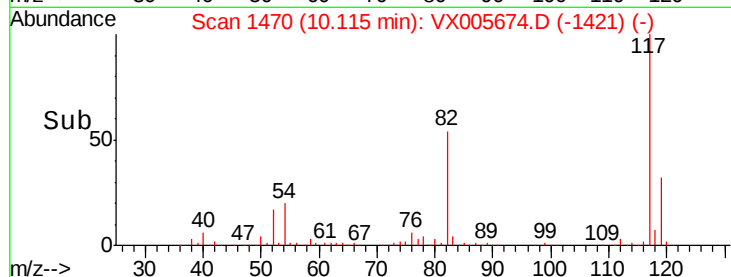
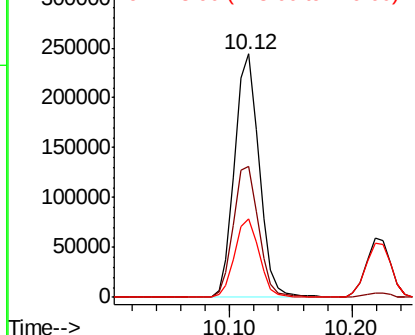
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 339929
Ion Ratio Lower Upper
117 100
82 53.8 44.1 66.1
119 32.3 26.2 39.2

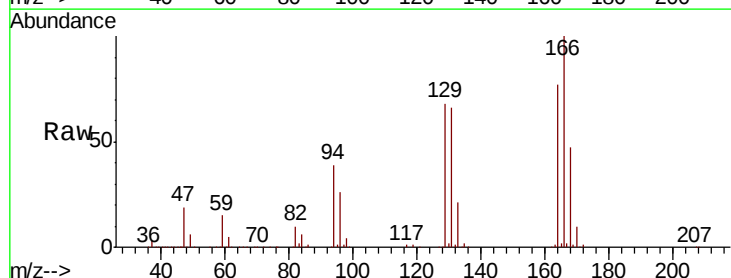


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

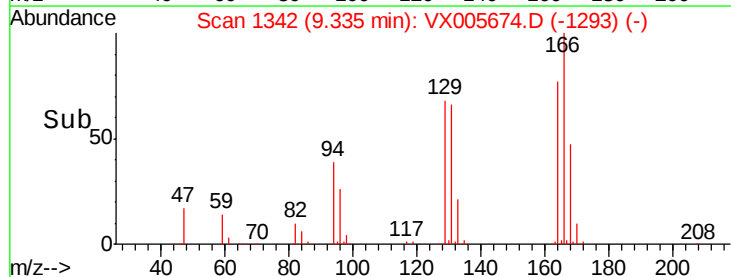
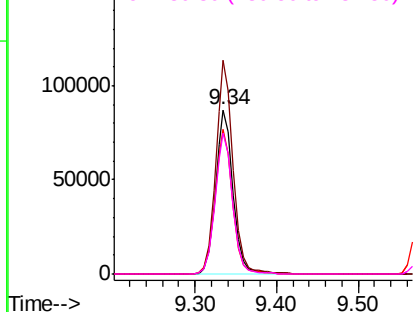


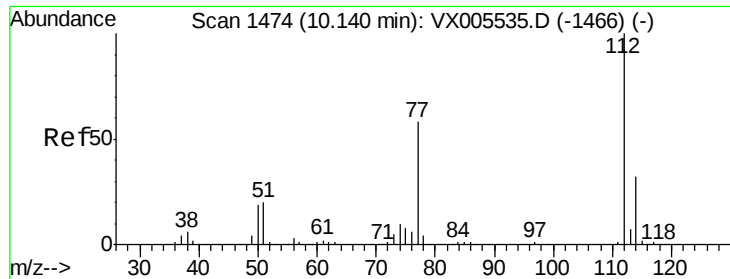
#64
Tetrachloroethene
Concen: 46.664 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

Tgt Ion:164 Resp: 131680
Ion Ratio Lower Upper
164 100
166 130.0 101.9 152.9
129 88.3 72.6 109.0
131 85.7 71.1 106.7



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

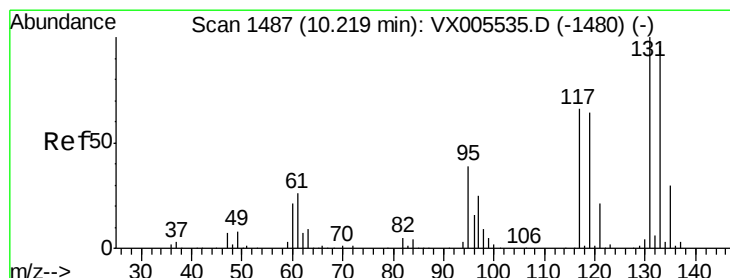
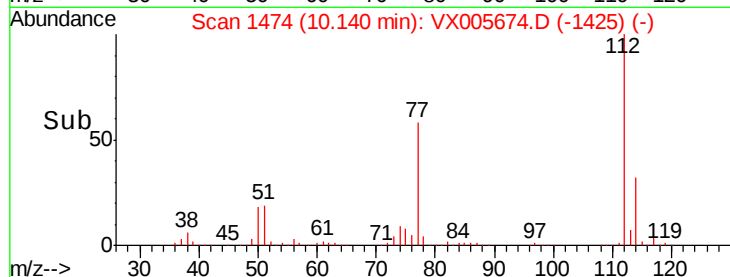
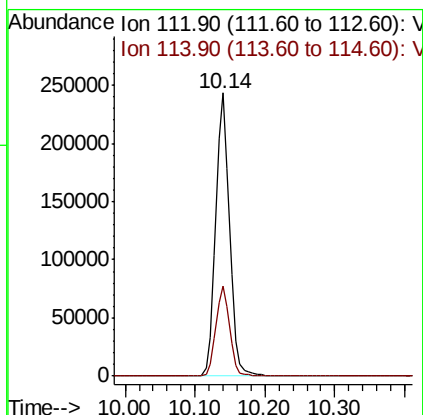
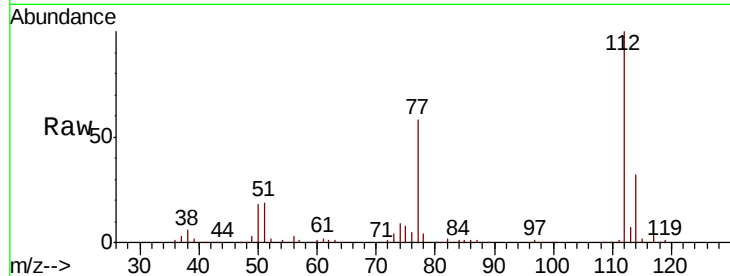




#65
Chlorobenzene
Concen: 46.339 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

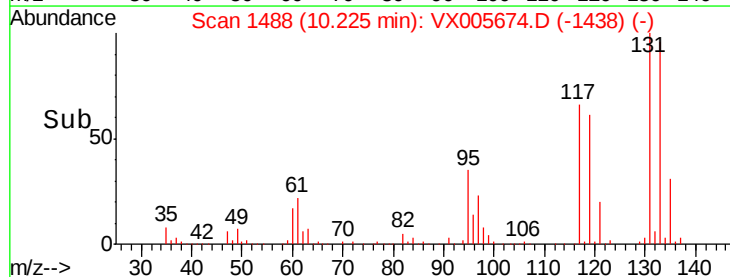
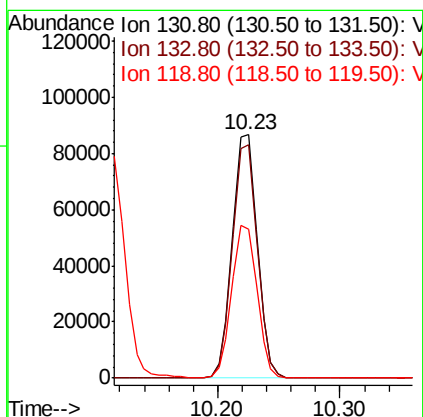
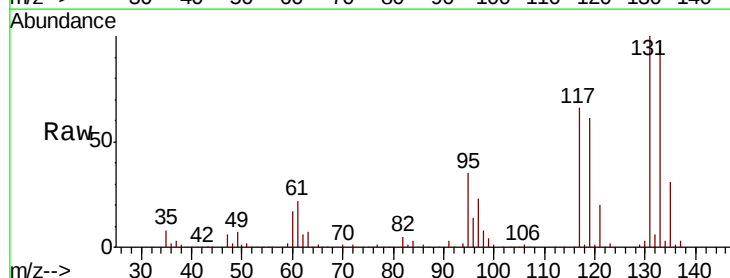
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

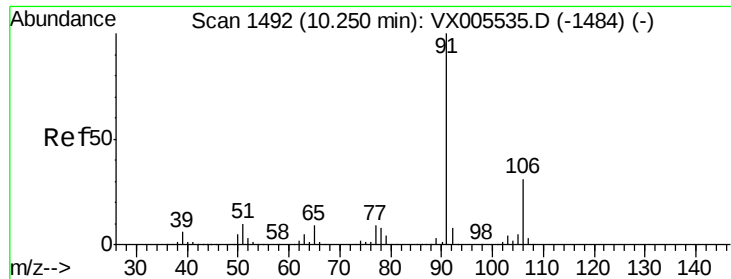
Tot Ion:112 Resp: 335428
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 46.379 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

Tgt Ion:131 Resp: 122413
Ion Ratio Lower Upper
131 100
133 96.0 47.5 142.5
119 63.8 31.8 95.3

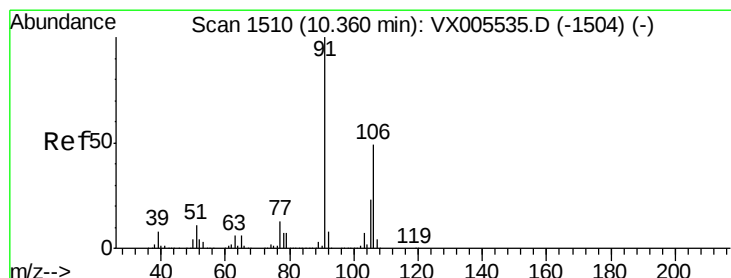
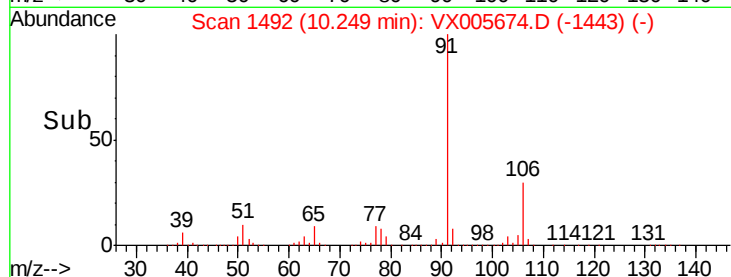
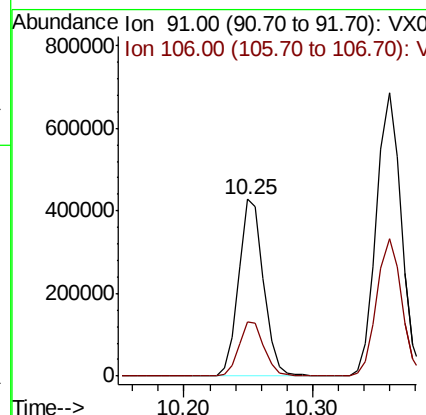
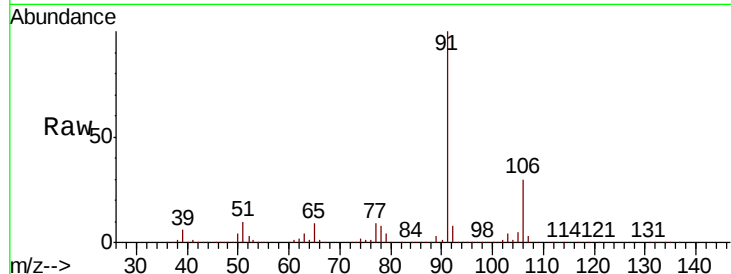




#67
Ethyl Benzene
Concen: 48.712 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

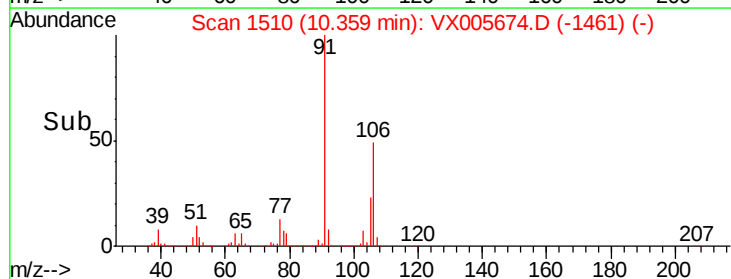
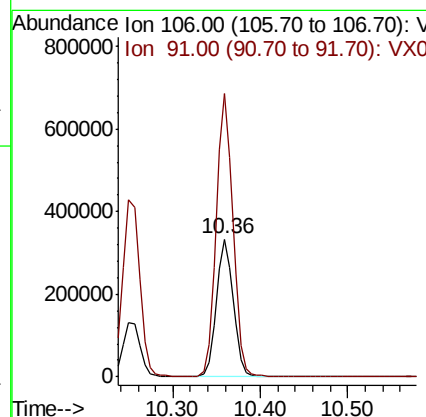
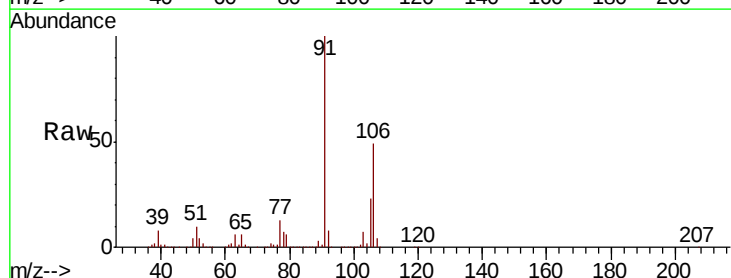
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

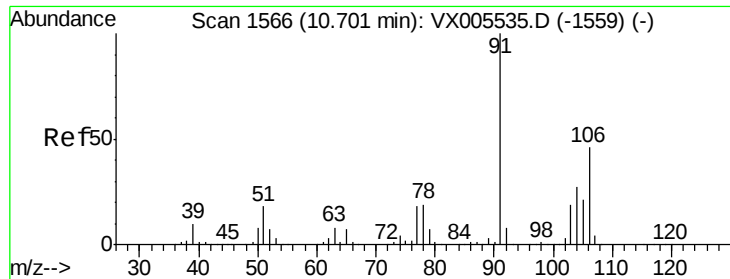
Tot Ion: 91 Resp: 580133
Ion Ratio Lower Upper
91 100
106 30.4 24.4 36.6



#68
m/p-Xylenes
Concen: 96.718 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

Tgt Ion: 106 Resp: 446892
Ion Ratio Lower Upper
106 100
91 204.6 164.2 246.4

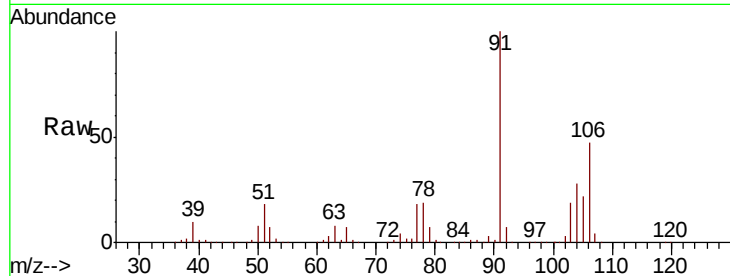




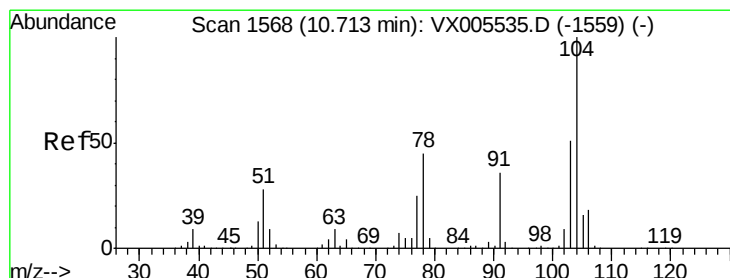
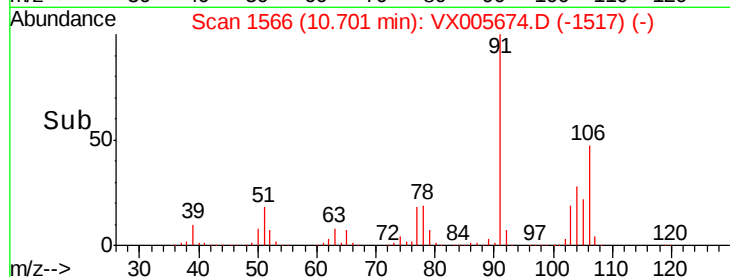
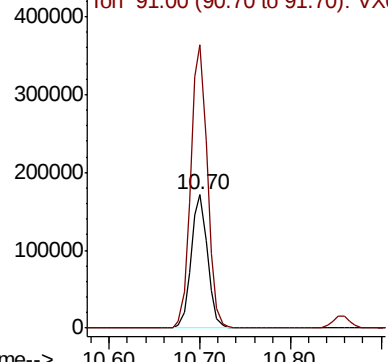
#69
o-Xylene
Concen: 49.816 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 216554
Ion Ratio Lower Upper
106 100
91 215.8 108.5 325.5

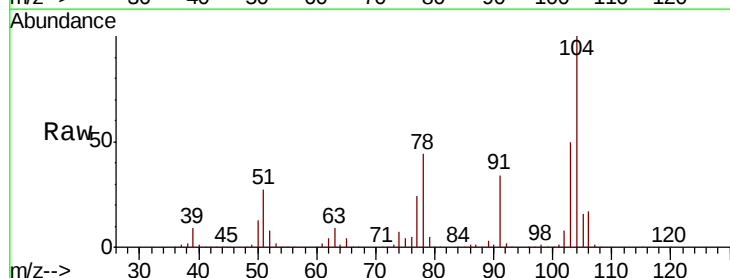


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

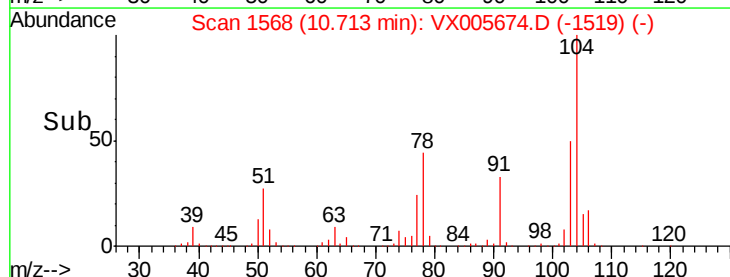
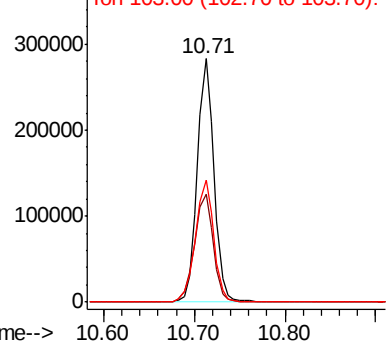


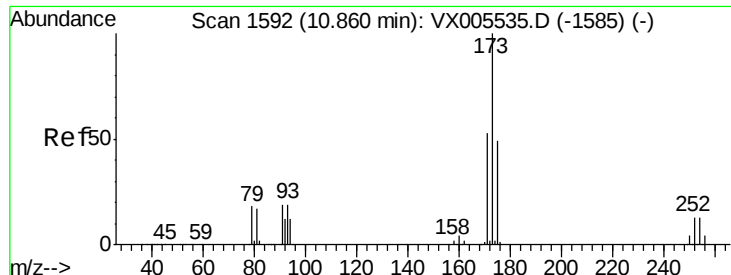
#70
Styrene
Concen: 50.002 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

Tgt Ion:104 Resp: 363870
Ion Ratio Lower Upper
104 100
78 50.2 40.2 60.4
103 55.3 44.9 67.3



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





#71

Bromoform

Concen: 46.244 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

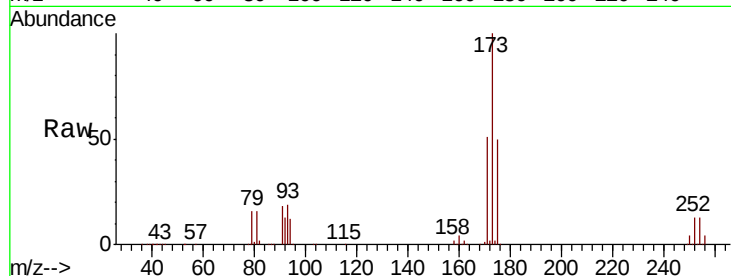
Tot Ion:173 Resp: 108917

Ion Ratio Lower Upper

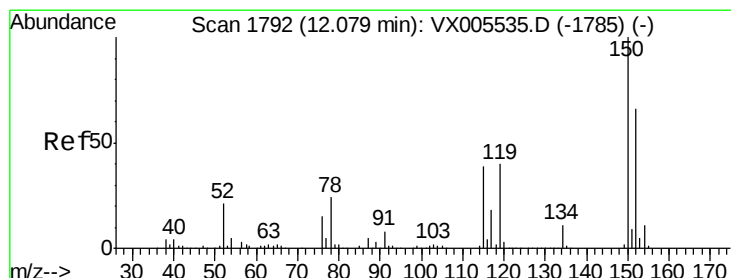
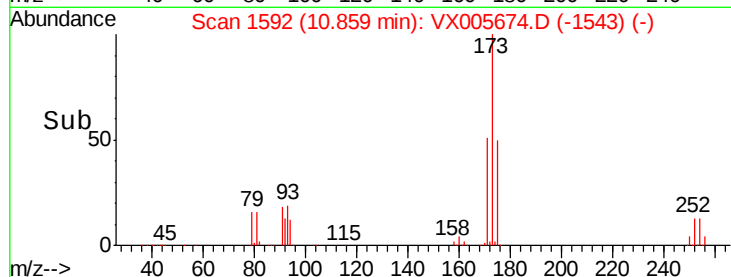
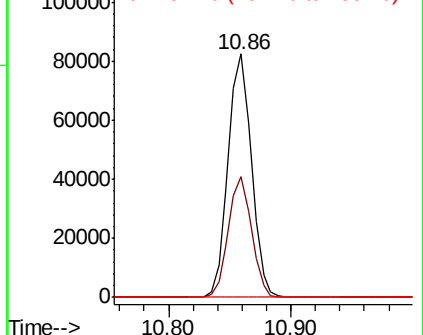
173 100

175 49.3 24.8 74.3

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: VX005674.D

Acq: 29 Oct 2018 21:24

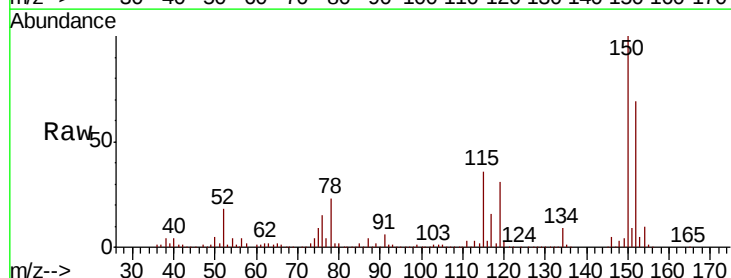
Tgt Ion:152 Resp: 234153

Ion Ratio Lower Upper

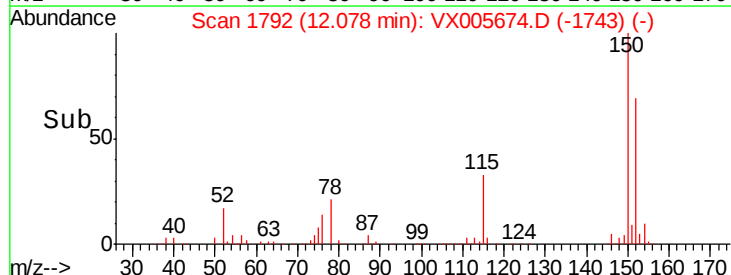
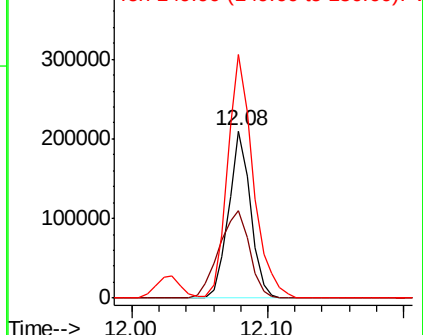
152 100

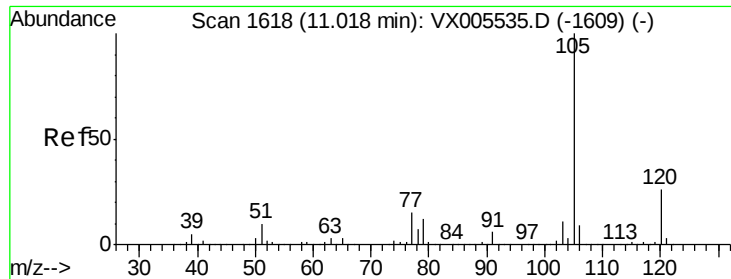
115 72.4 39.4 118.1

150 169.8 0.0 346.4



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

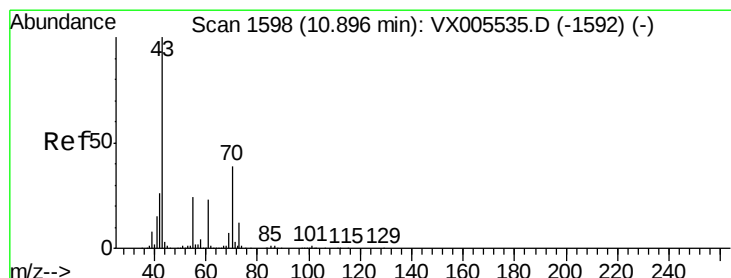
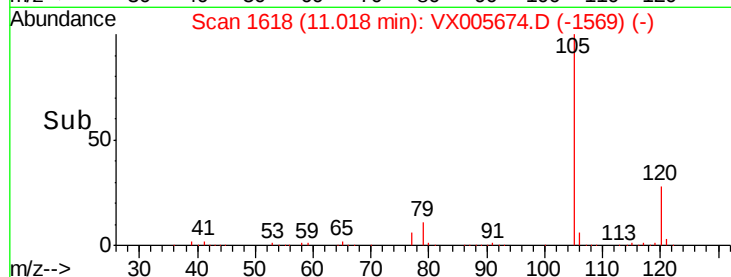
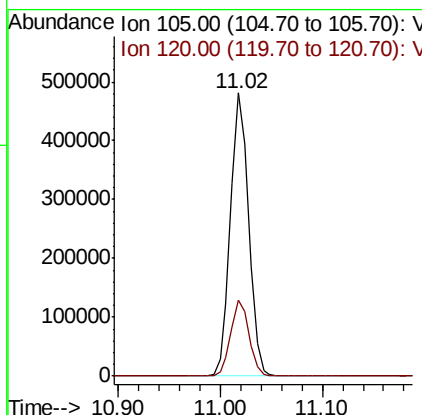
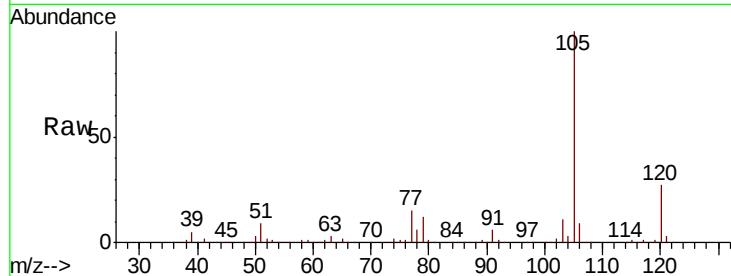




#73
Isopropylbenzene
Concen: 41.321 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

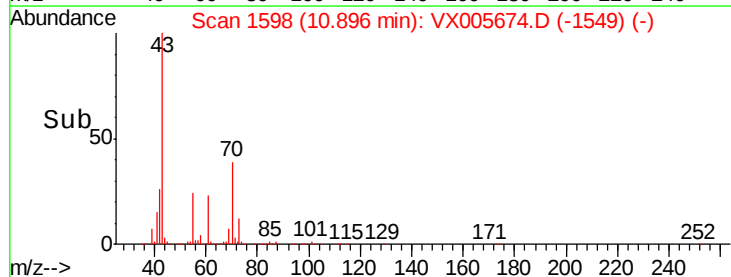
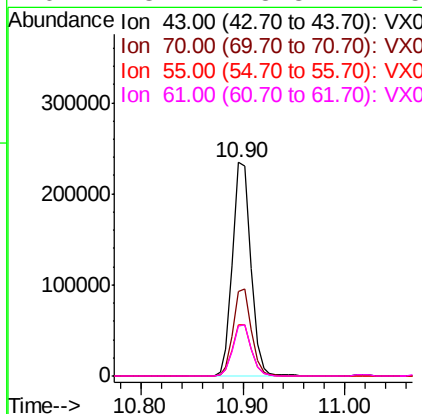
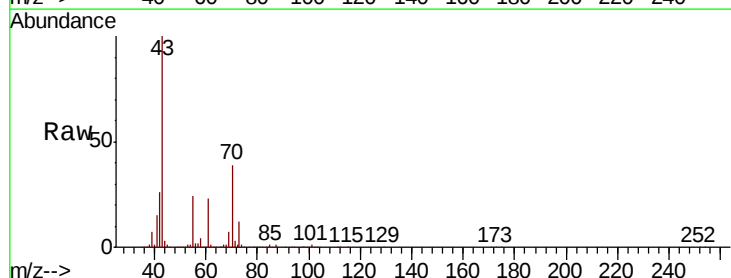
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

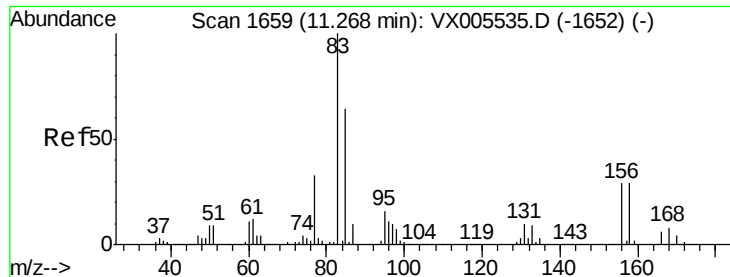
Tot Ion:105 Resp: 591443
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.3



#74
N-ethyl acetate
Concen: 40.766 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

Tgt Ion: 43 Resp: 289122
Ion Ratio Lower Upper
43 100
70 40.2 31.6 47.4
55 24.5 19.7 29.5
61 23.7 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 38.454 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

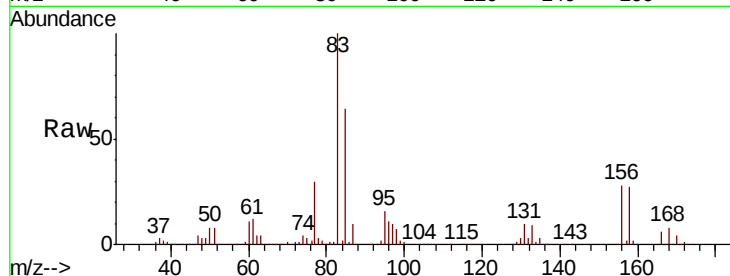
Tot Ion: 83 Resp: 203062

Ion Ratio Lower Upper

83 100

131 10.5 5.3 15.9

85 63.8 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX005535.D (-1652) (-)

Ion 130.80 (130.50 to 131.50): VX005535.D (-1652) (-)

Ion 84.90 (84.60 to 85.60): VX005535.D (-1652) (-)

11.27

150000

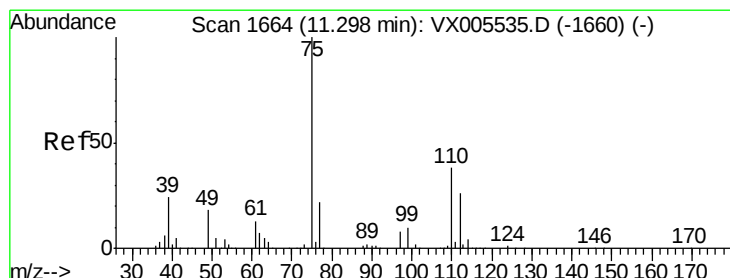
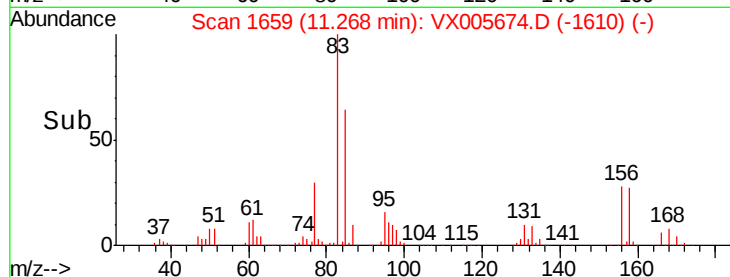
100000

50000

0

11.20 11.30 11.40

Time-->



#76

1,2,3-Trichloropropane

Concen: 47.149 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005674.D

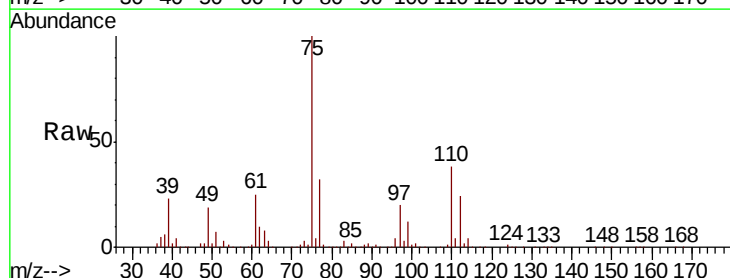
Acq: 29 Oct 2018 21:24

Tgt Ion: 75 Resp: 233914

Ion Ratio Lower Upper

75 100

77 32.8 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX005535.D (-1660) (-)

Ion 77.00 (76.70 to 77.70): VX005535.D (-1660) (-)

200000

150000

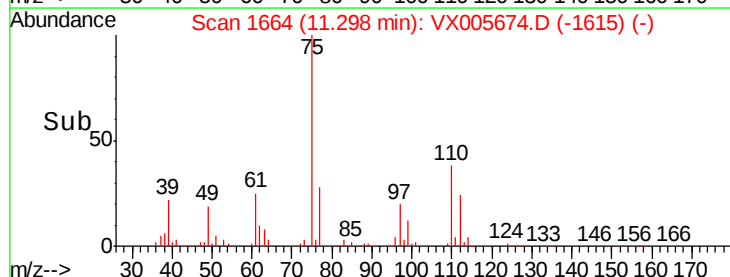
100000

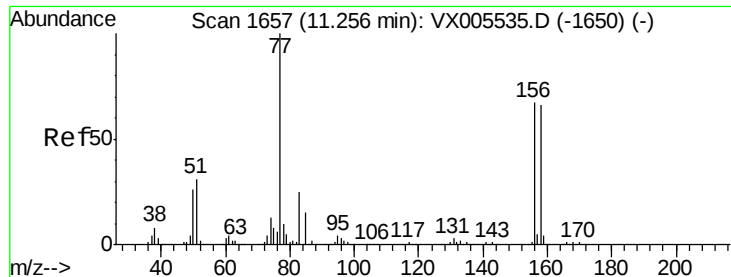
50000

0

11.25 11.30 11.35

Time-->





#77

Bromobenzene

Concen: 39.688 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

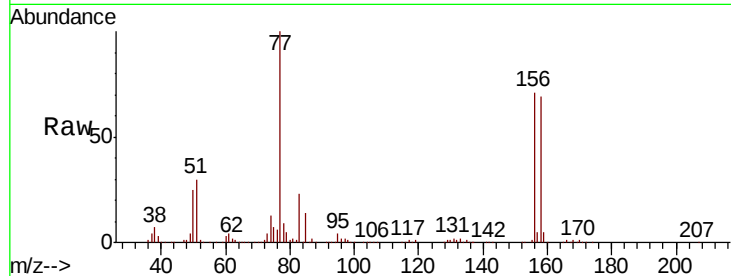
Tot Ion:156 Resp: 158315

Ion Ratio Lower Upper

156 100

77 144.7 74.8 224.4

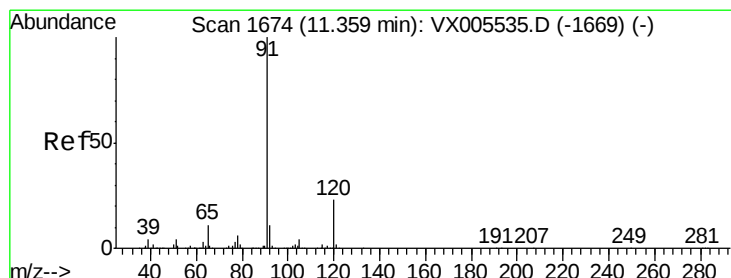
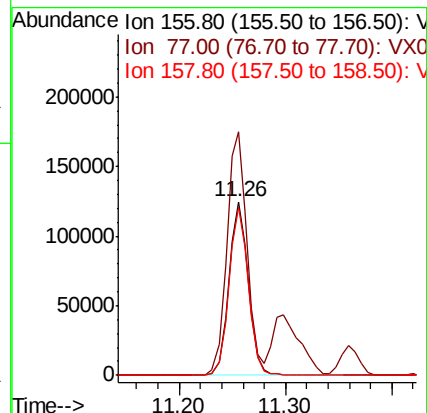
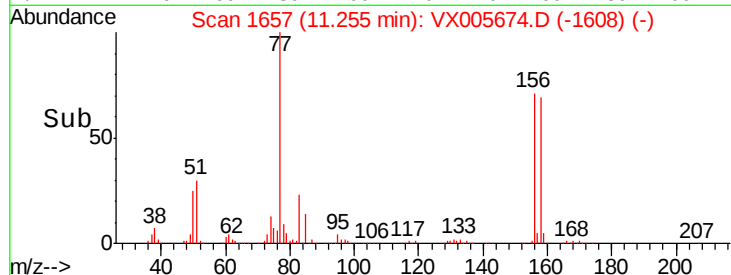
158 96.7 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 41.101 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005674.D

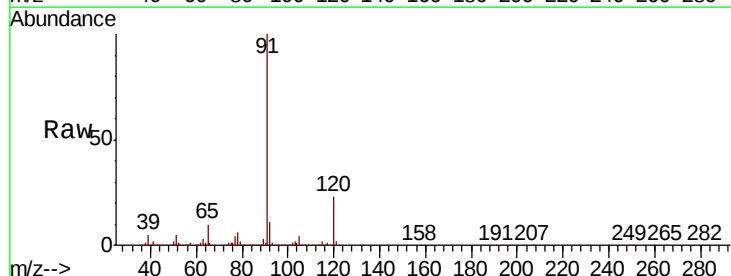
Acq: 29 Oct 2018 21:24

Tgt Ion: 91 Resp: 672698

Ion Ratio Lower Upper

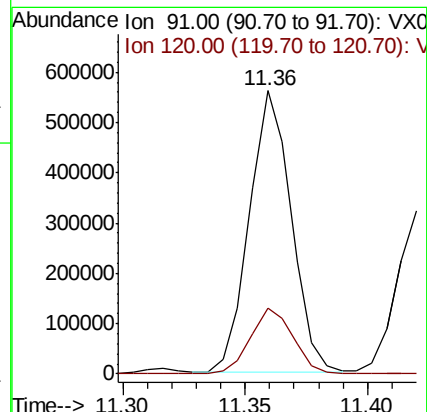
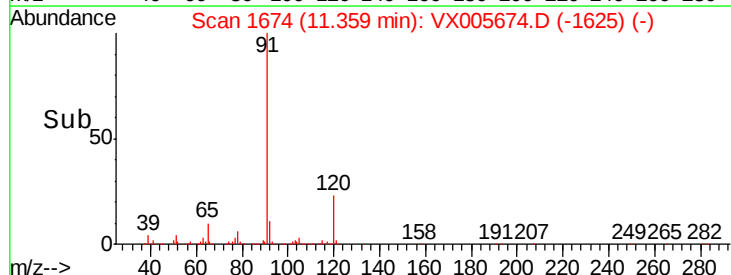
91 100

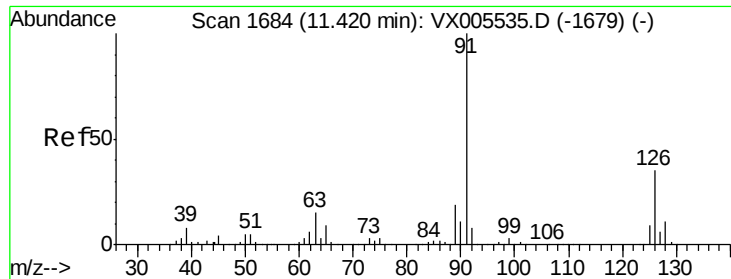
120 23.8 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

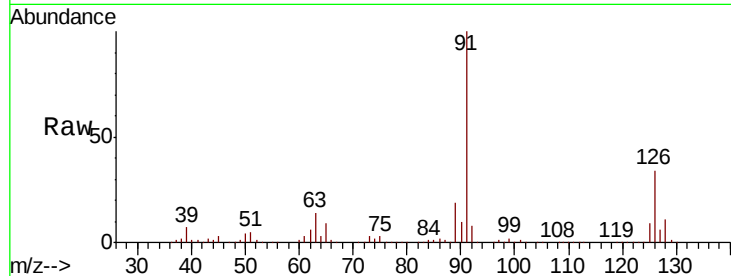




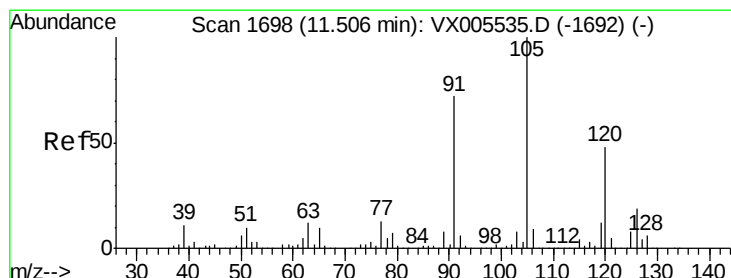
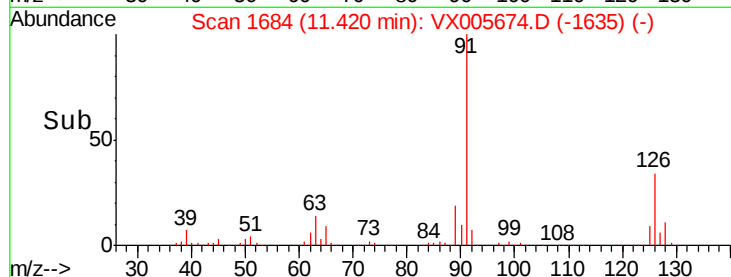
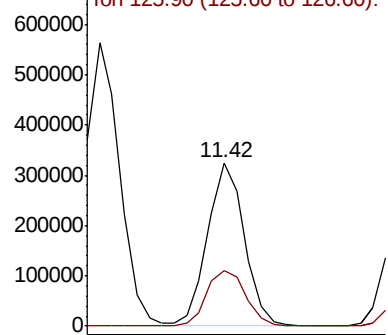
#79
 2-Chlorotoluene
 Concen: 39.824 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005674.D
 Acq: 29 Oct 2018 21:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 404127
 Ion Ratio Lower Upper
 91 100
 126 36.6 17.3 52.0

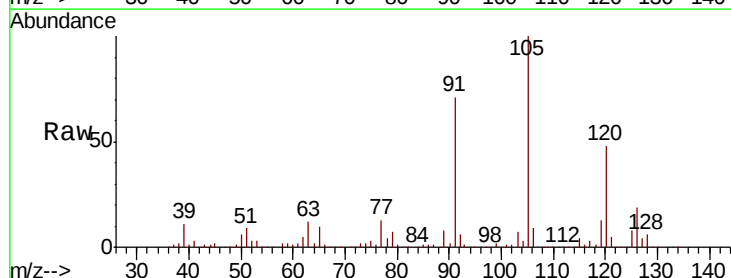


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

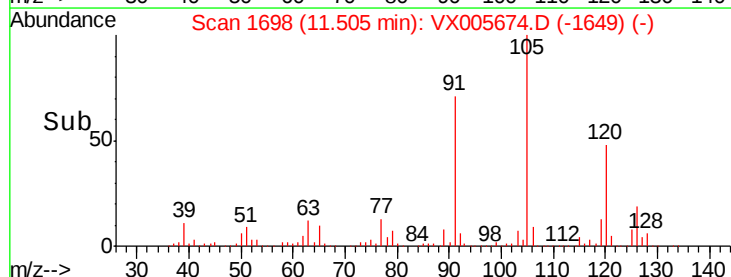
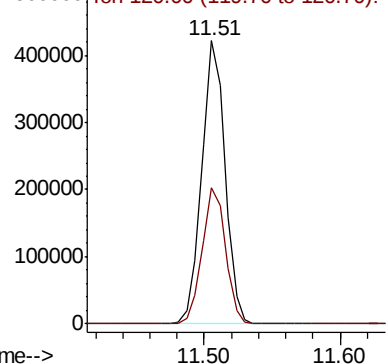


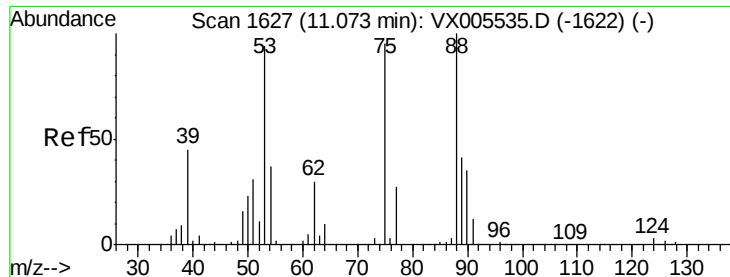
#80
 1,3,5-Trimethylbenzene
 Concen: 40.940 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005674.D
 Acq: 29 Oct 2018 21:24

Tgt Ion: 105 Resp: 501284
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 38.170 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

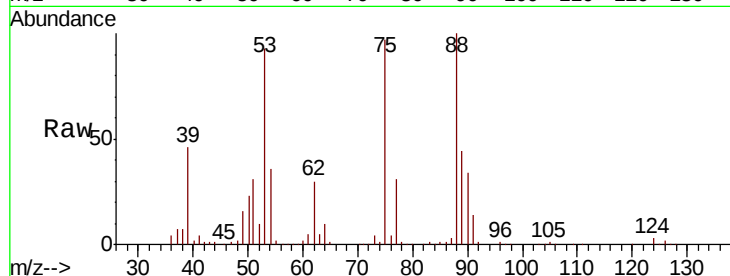
Tot Ion: 75 Resp: 57954

Ion Ratio Lower Upper

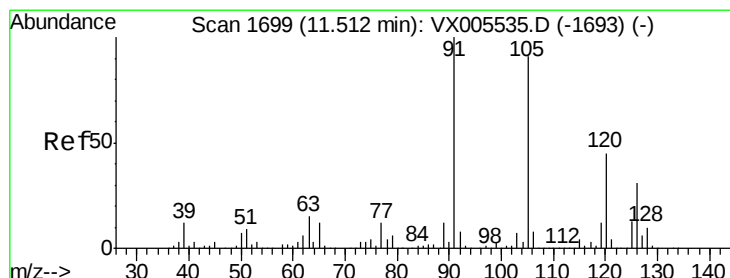
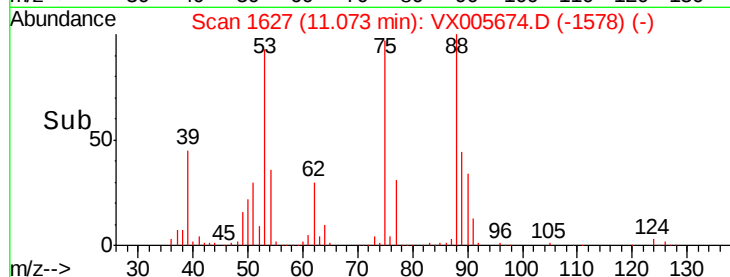
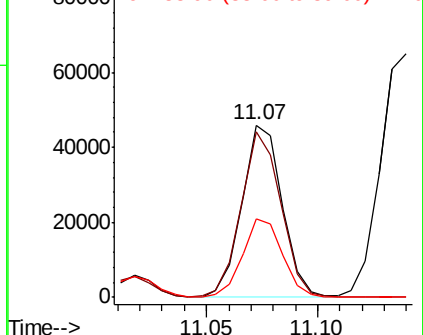
75 100

53 95.0 80.2 120.2

89 45.5 39.8 59.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 39.301 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005674.D

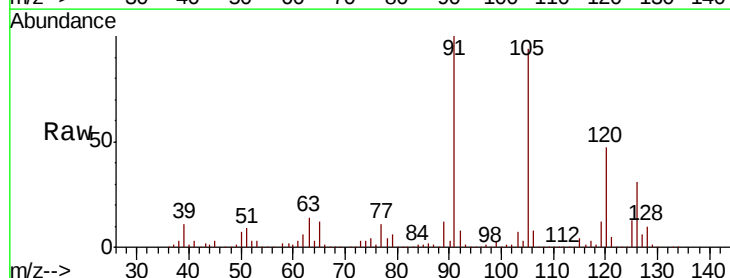
Acq: 29 Oct 2018 21:24

Tgt Ion: 91 Resp: 470278

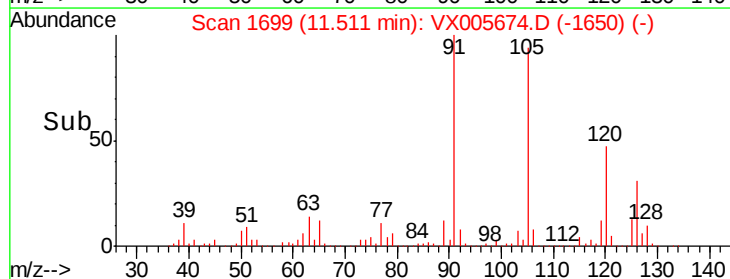
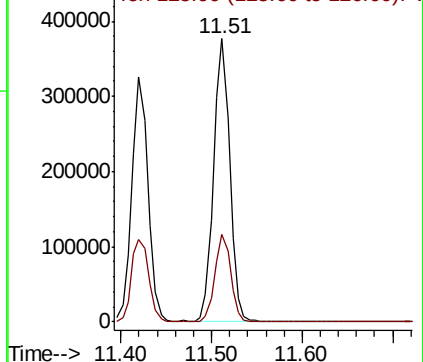
Ion Ratio Lower Upper

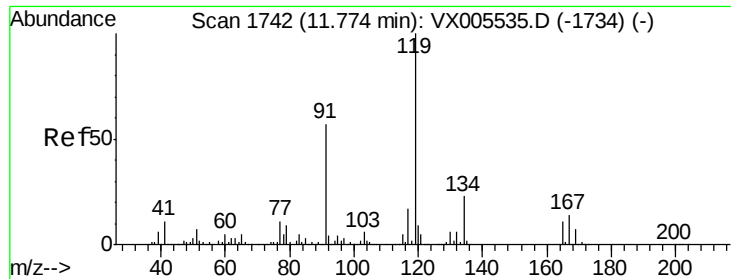
91 100

126 30.6 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

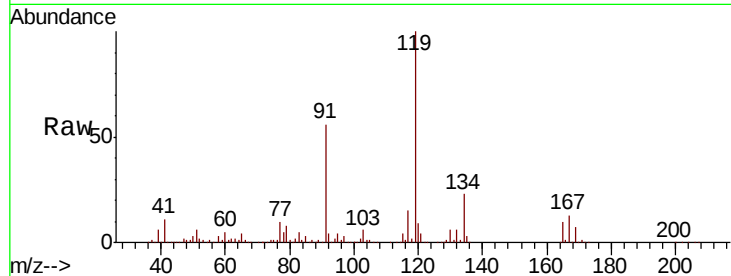




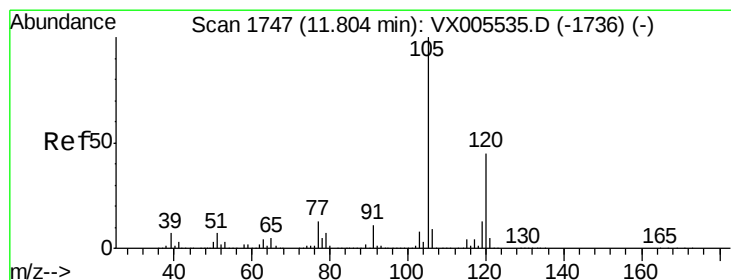
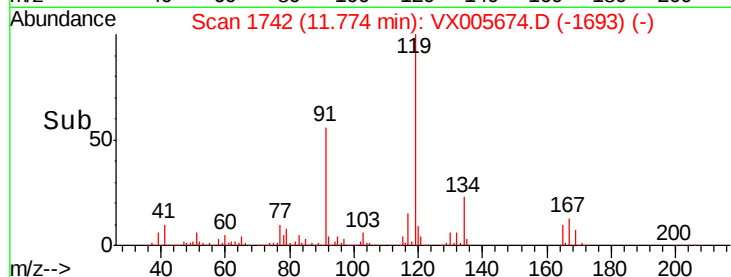
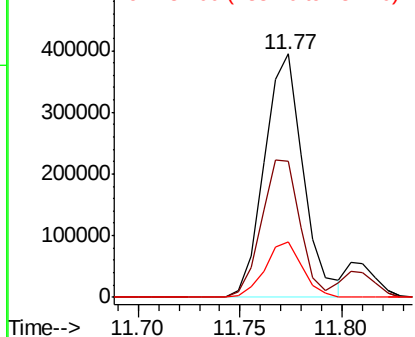
#83
 tert-Butylbenzene
 Concen: 42.872 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005674.D
 Acq: 29 Oct 2018 21:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:119 Resp: 523262
 Ion Ratio Lower Upper
 119 100
 91 55.9 28.5 85.5
 134 22.0 11.3 33.8

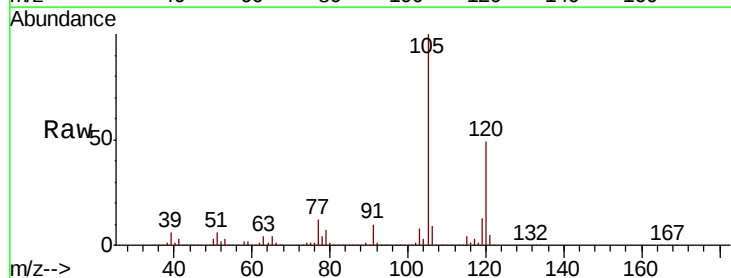


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

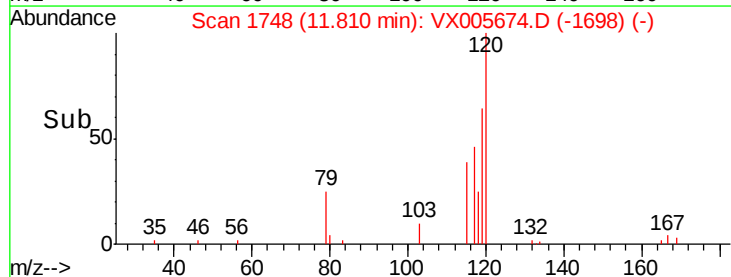
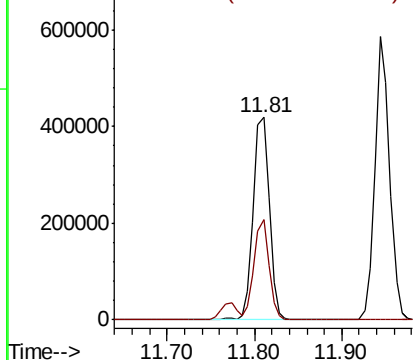


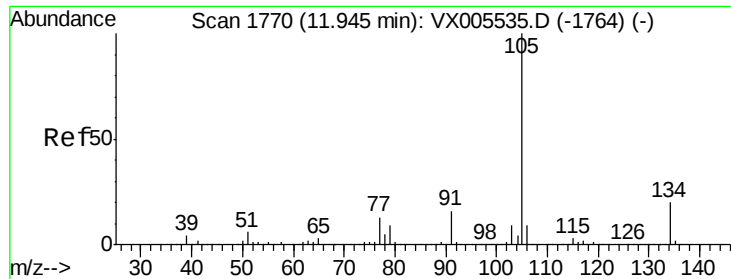
#84
 1,2,4-Trimethylbenzene
 Concen: 42.971 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX005674.D
 Acq: 29 Oct 2018 21:24

Tgt Ion:105 Resp: 533248
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.4 67.0



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 47.285 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

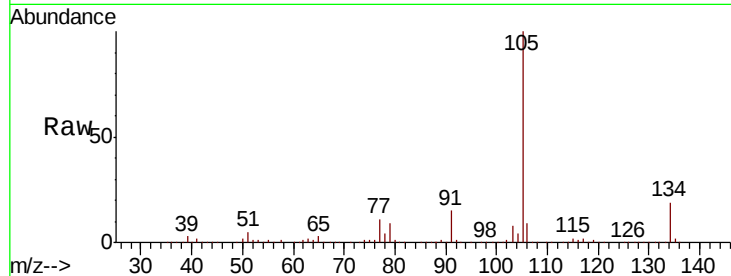
VSTDCCC050EC

Tot Ion:105 Resp: 688654

Ion Ratio Lower Upper

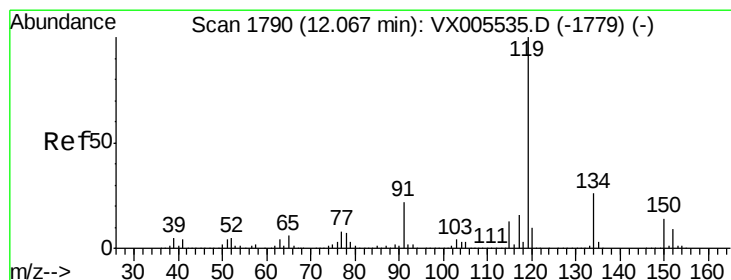
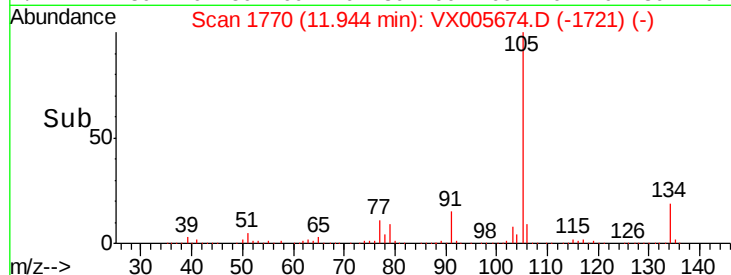
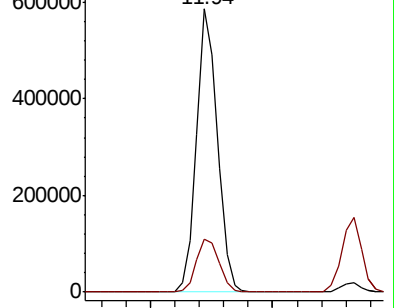
105 100

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: 50.941 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

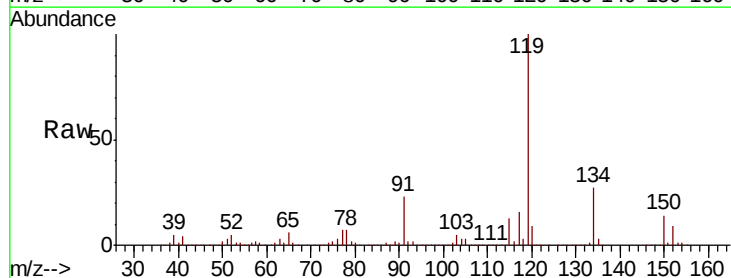
Tgt Ion:119 Resp: 663216

Ion Ratio Lower Upper

119 100

134 26.2 13.0 39.0

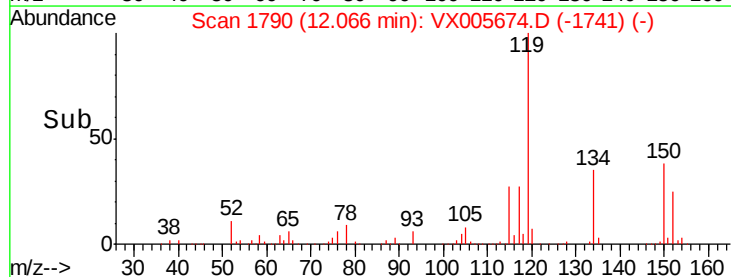
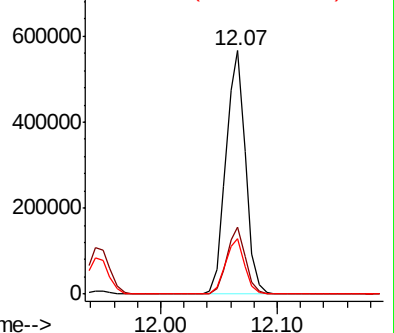
91 22.5 11.4 34.2

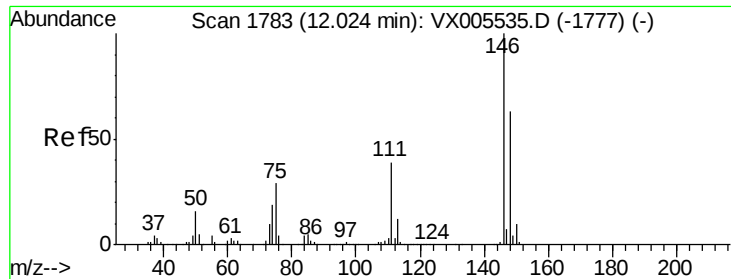


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 48.168 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

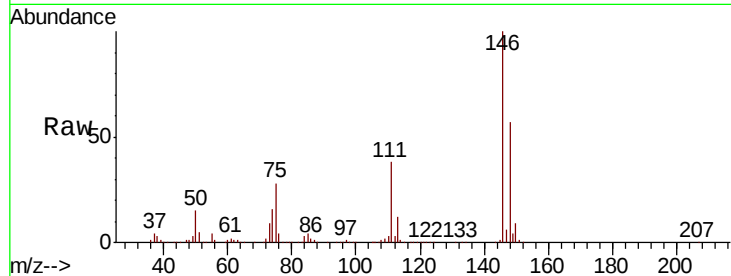
Tot Ion:146 Resp: 361317

Ion Ratio Lower Upper

146 100

111 37.1 19.0 57.0

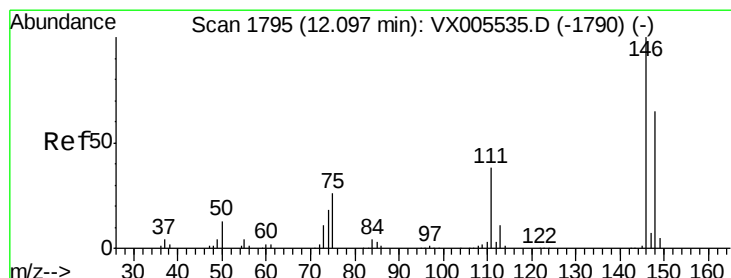
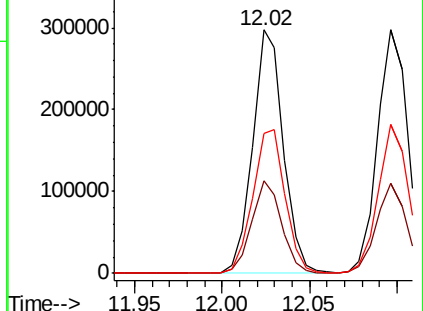
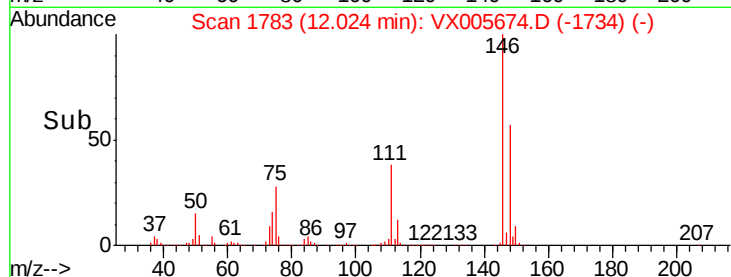
148 62.5 31.9 95.9



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: 46.286 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

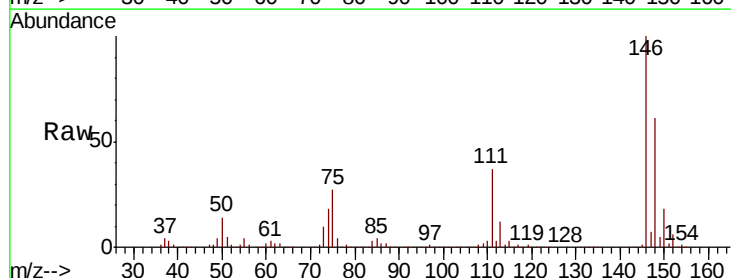
Tgt Ion:146 Resp: 362414

Ion Ratio Lower Upper

146 100

111 36.4 18.6 55.8

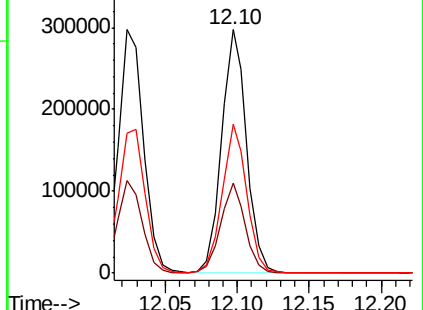
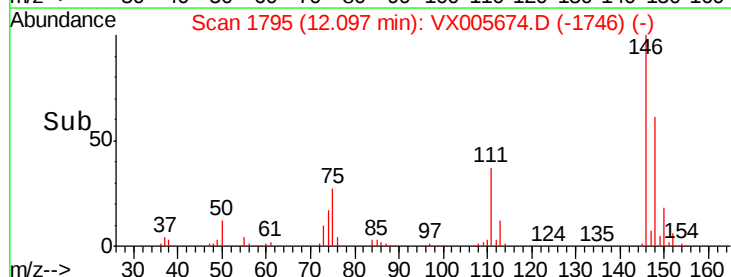
148 60.8 32.1 96.3

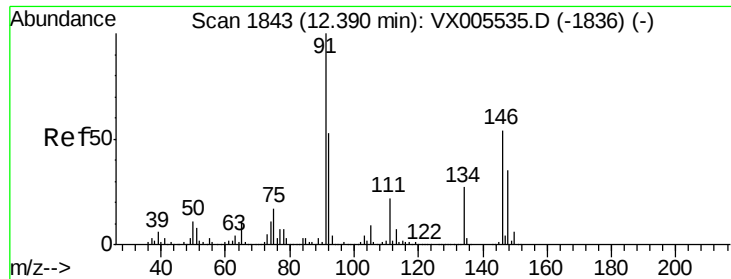


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

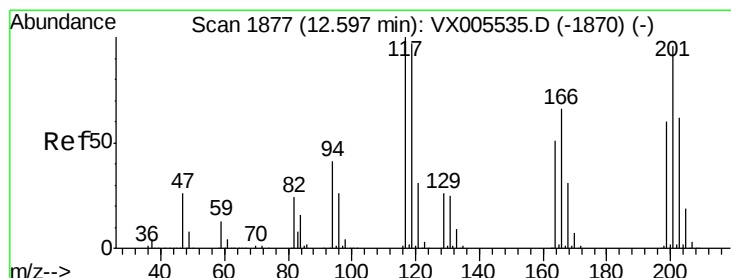
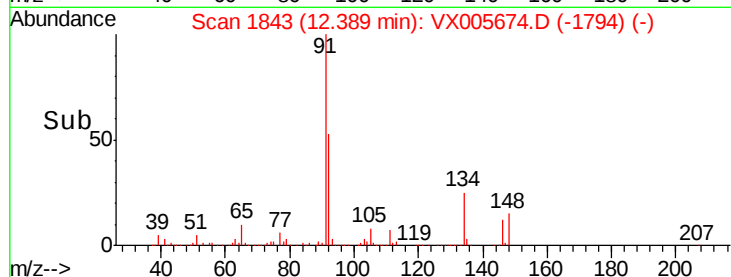
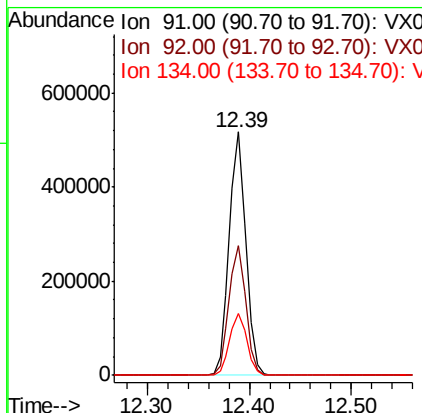
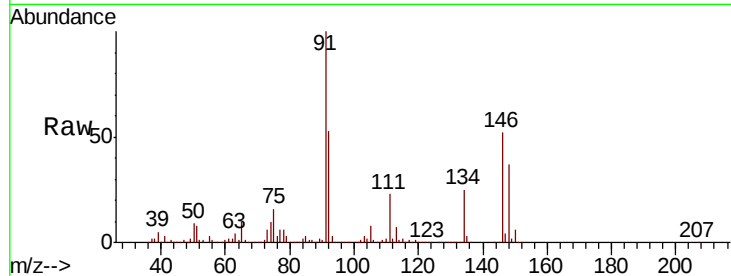




#89
n-Butylbenzene
Concen: 49.607 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

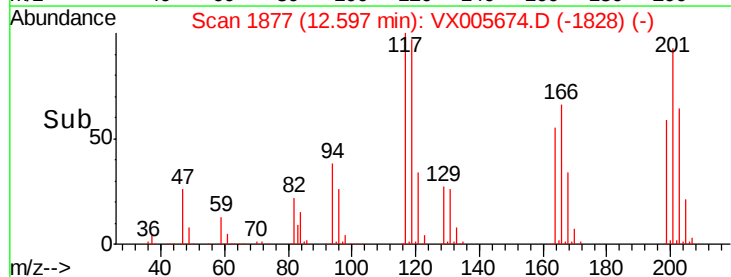
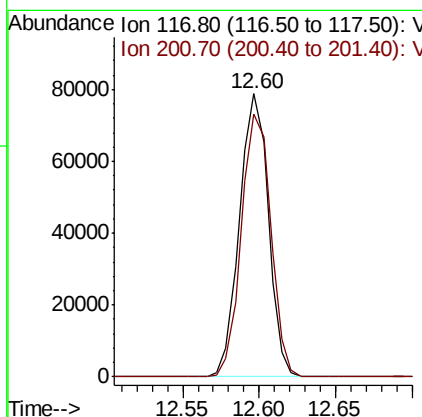
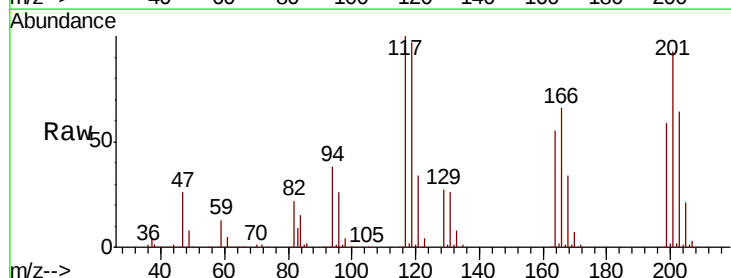
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

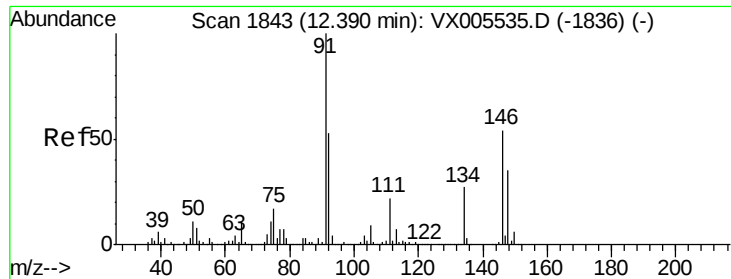
Tot Ion: 91 Resp: 583059
Ion Ratio Lower Upper
91 100
92 54.1 26.1 78.2
134 26.3 13.1 39.3



#90
Hexachloroethane
Concen: 46.010 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005674.D
Acq: 29 Oct 2018 21:24

Tgt Ion: 117 Resp: 103315
Ion Ratio Lower Upper
117 100
201 94.9 47.9 143.6





#91

1,2-Dichlorobenzene

Concen: 45.831 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

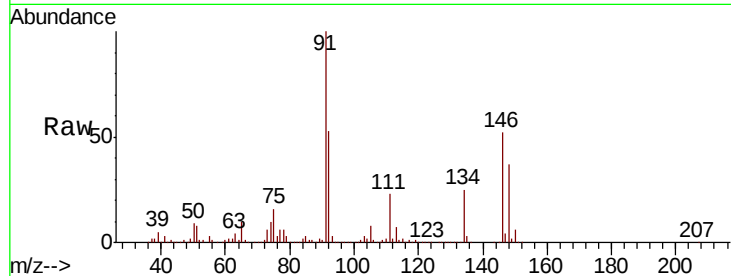
Tot Ion:146 Resp: 347822

Ion Ratio Lower Upper

146 100

111 41.0 20.0 59.9

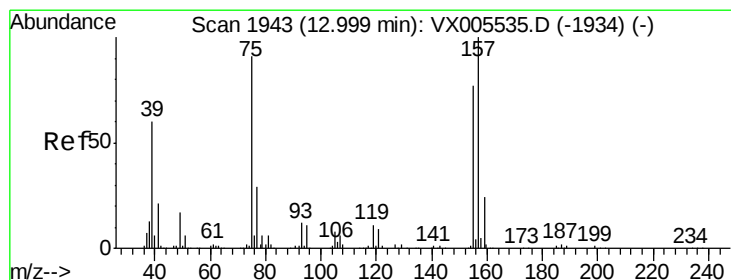
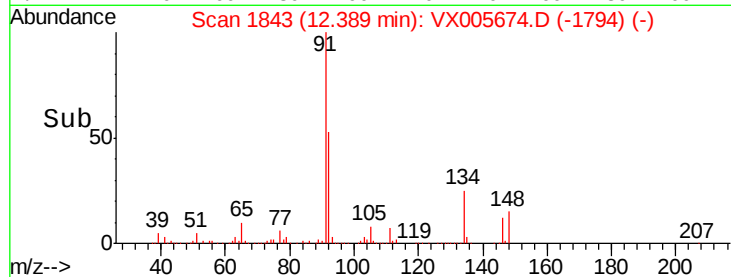
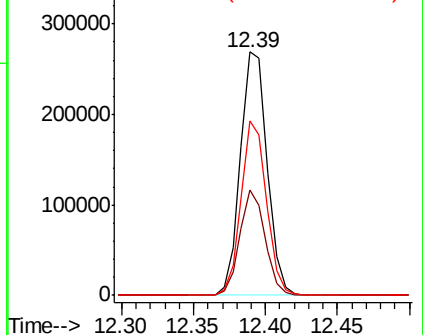
148 68.0 32.2 96.6



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.252 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

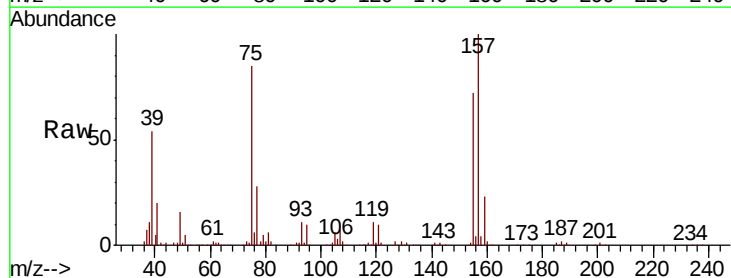
Tgt Ion: 75 Resp: 55225

Ion Ratio Lower Upper

75 100

155 96.9 45.4 136.1

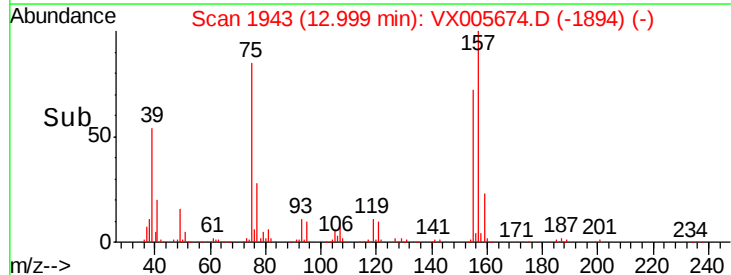
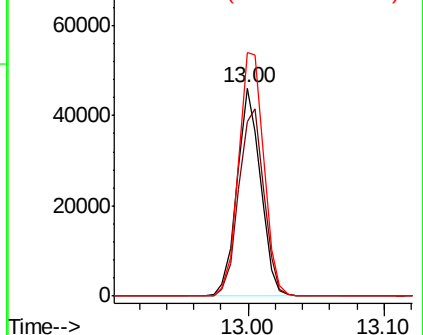
157 126.2 57.4 172.0

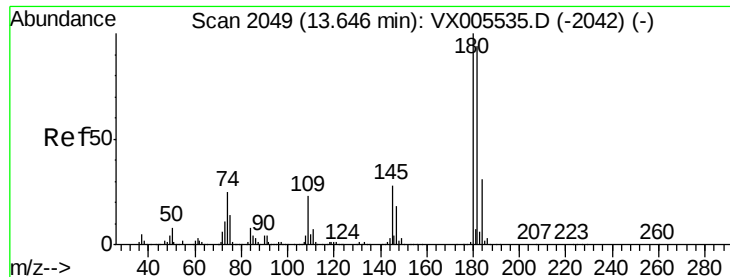


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

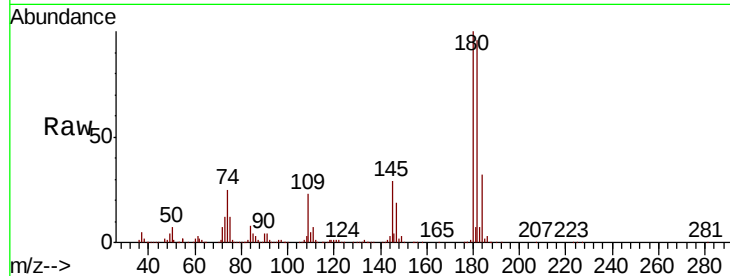




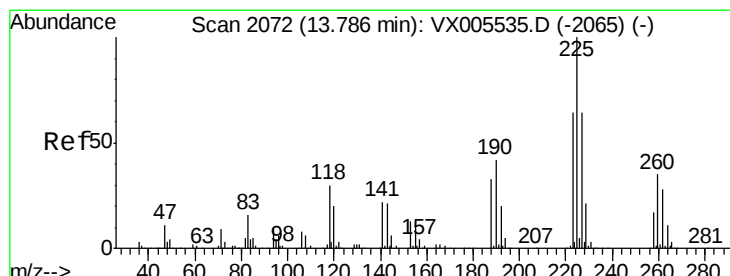
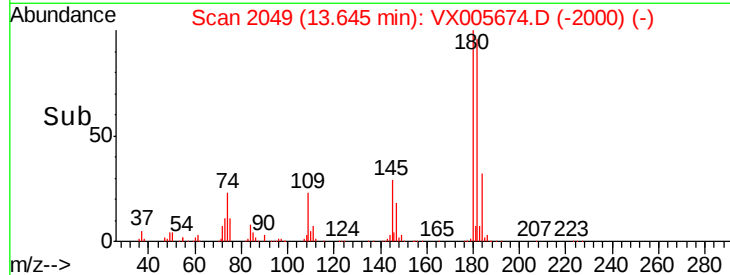
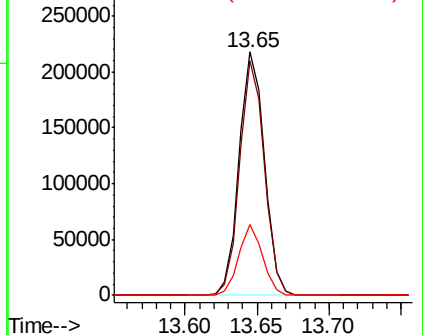
#93
 1,2,4-Trichlorobenzene
 Concen: 48.370 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005674.D
 Acq: 29 Oct 2018 21:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.6	142.8
145	27.5	14.1	42.2

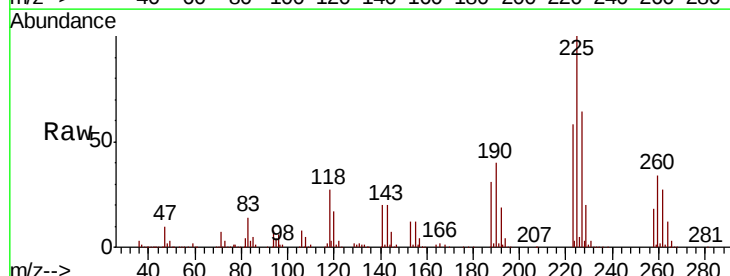


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

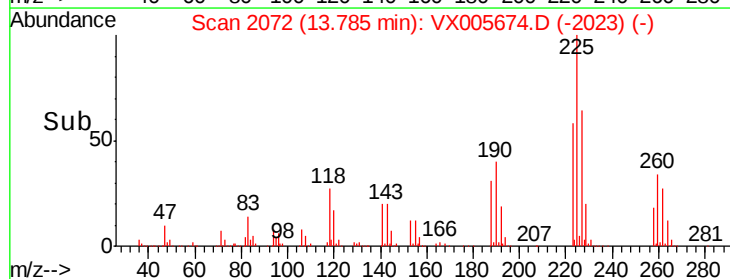
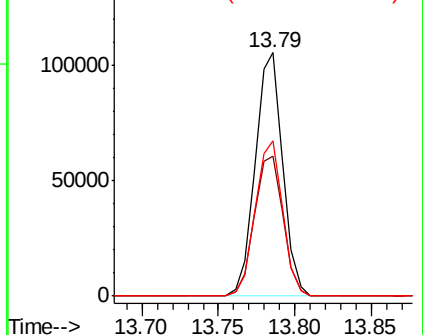


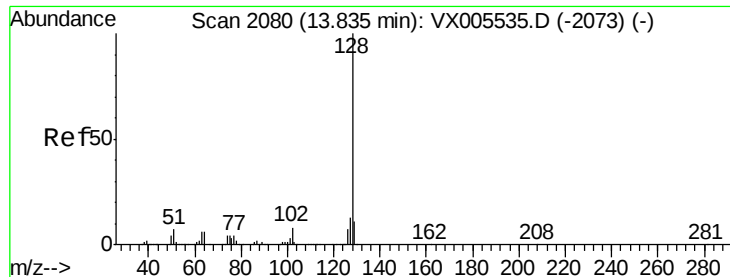
#94
 Hexachlorobutadiene
 Concen: 46.017 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005674.D
 Acq: 29 Oct 2018 21:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.4	31.7	95.1
227	63.9	32.3	96.9



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





#95

Naphthalene

Concen: 55.479 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

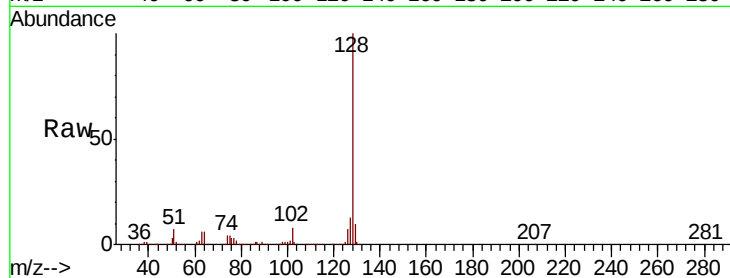
Tot Ion:128 Resp: 887194

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

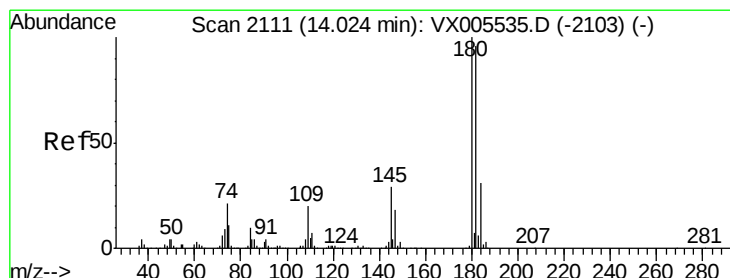
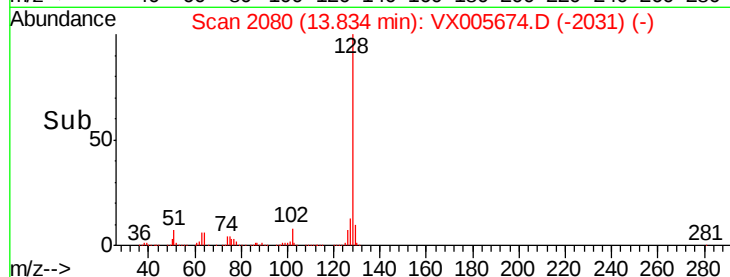
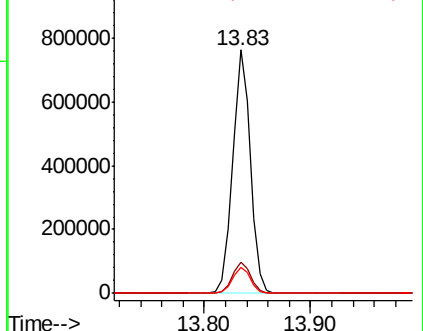
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.762 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005674.D

Acq: 29 Oct 2018 21:24

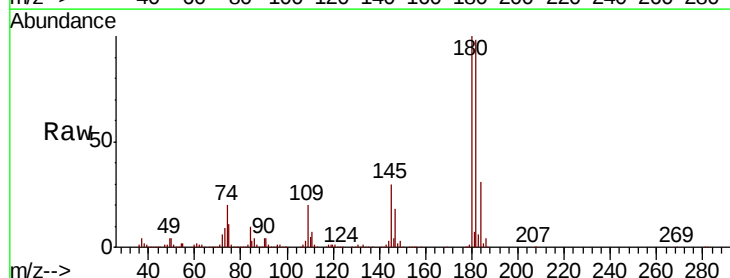
Tgt Ion:180 Resp: 288665

Ion Ratio Lower Upper

180 100

182 96.0 48.0 144.2

145 29.4 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

