

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102618\
 Data File : VX005620.D
 Acq On : 26 Oct 2018 22:02
 Operator : JC/MD
 Sample : J5690-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15MS

Quant Time: Oct 27 04:50:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	217757	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	317683	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	296568	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	169155	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	134642	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
35) Dibromofluoromethane	5.49	113	109340	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
50) Toluene-d8	8.71	98	392115	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
62) 4-Bromofluorobenzene	11.14	95	148171	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	134112	62.396	ug/l	99
3) Chloromethane	1.32	50	148614	54.294	ug/l	98
4) Vinyl Chloride	1.41	62	153073	56.874	ug/l	95
5) Bromomethane	1.64	94	84787	50.627	ug/l	100
6) Chloroethane	1.71	64	85572	49.769	ug/l	100
7) Trichlorofluoromethane	1.92	101	198012	52.947	ug/l	96
8) Diethyl Ether	2.19	74	78753	52.767	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	108296	50.470	ug/l	99
10) Methyl Iodide	2.51	142	152045	66.875	ug/l	98
11) Tert butyl alcohol	3.07	59	174853	244.448	ug/l	100
12) 1,1-Dichloroethene	2.37	96	105034	51.384	ug/l	85
13) Acrolein	2.29	56	84086	230.449	ug/l	97
14) Allyl chloride	2.73	41	238130	52.199	ug/l	96
15) Acrylonitrile	3.15	53	404079	251.924	ug/l	99
16) Acetone	2.45	43	364941	259.819	ug/l	99
17) Carbon Disulfide	2.57	76	315942	50.704	ug/l	99
18) Methyl Acetate	2.78	43	176118	50.779	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	383408	52.583	ug/l #	90
20) Methylene Chloride	2.86	84	123910	52.673	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	108973	48.827	ug/l	98
22) Diisopropyl ether	3.86	45	426248	53.504	ug/l #	88
23) Vinyl Acetate	3.83	43	1740874	248.122	ug/l	97
24) 1,1-Dichloroethane	3.70	63	221973	51.249	ug/l	99
25) 2-Butanone	4.70	43	537708	251.392	ug/l	99
26) 2,2-Dichloropropane	4.58	77	140247	41.941	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	121752	50.602	ug/l	98
28) Bromochloromethane	5.02	49	101171	48.295	ug/l	94
29) Tetrahydrofuran	5.15	42	350863	252.064	ug/l	96
30) Chloroform	5.22	83	207723	51.271	ug/l	93
31) Cyclohexane	5.57	56	185976	51.896	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	175021	48.945	ug/l	99
36) 1,1-Dichloropropene	5.79	75	155528	50.447	ug/l	97
37) Ethyl Acetate	4.86	43	186265	47.346	ug/l	100
38) Carbon Tetrachloride	5.79	117	158077	48.683	ug/l	87

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102618\
 Data File : VX005620.D
 Acq On : 26 Oct 2018 22:02
 Operator : JC/MD
 Sample : J5690-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15MS

Quant Time: Oct 27 04:50:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	171230	50.298	ug/l	96
40) Benzene	6.15	78	470731	53.264	ug/l	99
41) Methacrylonitrile	5.06	41	111771	51.003	ug/l	98
42) 1,2-Dichloroethane	6.20	62	167322	49.838	ug/l	99
43) Isopropyl Acetate	6.46	43	286528	48.603	ug/l	97
44) Trichloroethene	7.21	130	114654	47.621	ug/l	92
45) 1,2-Dichloropropane	7.52	63	119006	50.086	ug/l	98
46) Dibromomethane	7.66	93	75548	49.230	ug/l	98
47) Bromodichloromethane	7.90	83	147579	49.549	ug/l	97
48) Methyl methacrylate	7.77	41	150546	52.419	ug/l	99
49) 1,4-Dioxane	7.75	88	55648	886.641	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1002949	253.139	ug/l	99
52) Toluene	8.79	92	274671	51.139	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	165630	51.454	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	171088	49.366	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	110991	49.014	ug/l	96
56) Ethyl methacrylate	9.18	69	182682	54.085	ug/l	99
57) 1,3-Dichloropropane	9.37	76	189746	49.521	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	901	0.478	ug/l #	48
59) 2-Hexanone	9.50	43	803671	257.268	ug/l	99
60) Dibromochloromethane	9.59	129	120637	51.060	ug/l	98
61) 1,2-Dibromoethane	9.67	107	118586	50.619	ug/l	100
64) Tetrachloroethene	9.34	164	106998	43.461	ug/l	99
65) Chlorobenzene	10.14	112	308317	48.821	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	112878	49.019	ug/l	99
67) Ethyl Benzene	10.25	91	852513	82.048	ug/l	100
68) m/p-Xylenes	10.36	106	412869	102.419	ug/l	100
69) o-Xylene	10.70	106	205624	54.217	ug/l	99
70) Styrene	10.71	104	328190	51.692	ug/l	99
71) Bromoform	10.86	173	100568	48.943	ug/l	98
73) Isopropylbenzene	11.02	105	832944	80.554	ug/l	99
74) N-amyl acetate	10.90	43	250108	48.815	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	190321	49.890	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	218008	60.828	ug/l	86
77) Bromobenzene	11.26	156	144627	50.188	ug/l	98
78) n-propylbenzene	11.36	91	830222	70.218	ug/l	99
79) 2-Chlorotoluene	11.42	91	370170	50.494	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	464912	52.559	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	52183	47.575	ug/l	98
82) 4-Chlorotoluene	11.51	91	439907	50.889	ug/l	99
83) tert-Butylbenzene	11.77	119	471265	53.448	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	617572	68.888	ug/l	100
85) sec-Butylbenzene	11.94	105	561695	53.387	ug/l	99
86) p-Isopropyltoluene	12.07	119	499654	53.125	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	266662	49.209	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	271184	47.942	ug/l	100
89) n-Butylbenzene	12.39	91	465281	54.798	ug/l	97
90) Hexachloroethane	12.60	117	87239	53.780	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	271670	49.552	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	48507	52.589	ug/l	98

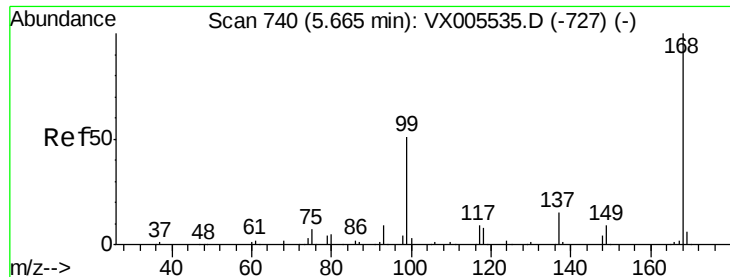
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102618\
Data File : VX005620.D
Acq On : 26 Oct 2018 22:02
Operator : JC/MD
Sample : J5690-02MS
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-15MS

Quant Time: Oct 27 04:50:17 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 25 02:52:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	207127	52.117	ug/l	99
94) Hexachlorobutadiene	13.79	225	98079	47.621	ug/l	99
95) Naphthalene	13.83	128	772903	66.904	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	210092	52.149	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Instrument :

MSVOA_X

ClientSampleId :

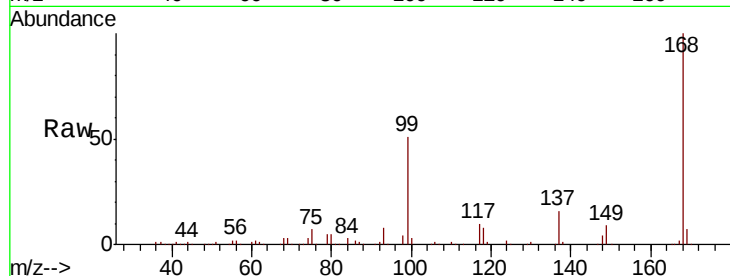
MW-15MS

Tot Ion:168 Resp: 217757

Ion Ratio Lower Upper

168 100

99 50.6 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

40000

20000

0

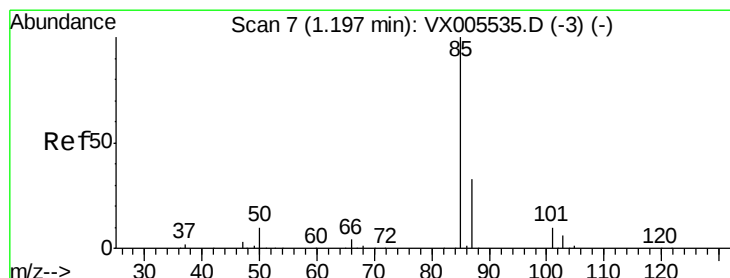
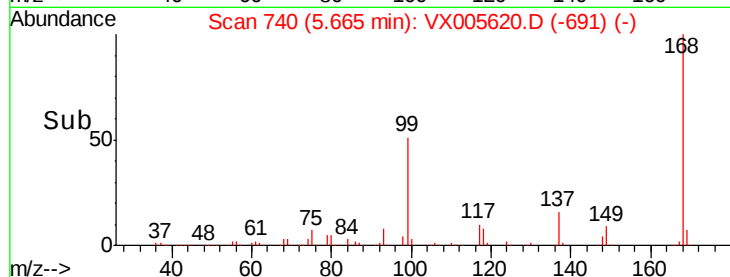
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 62.396 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005620.D

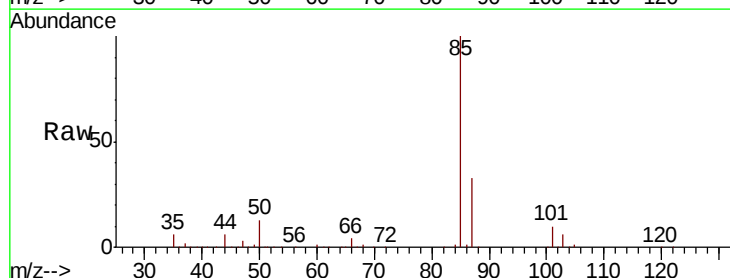
Acq: 26 Oct 2018 22:02

Tgt Ion: 85 Resp: 134112

Ion Ratio Lower Upper

85 100

87 33.3 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

100000

50000

0

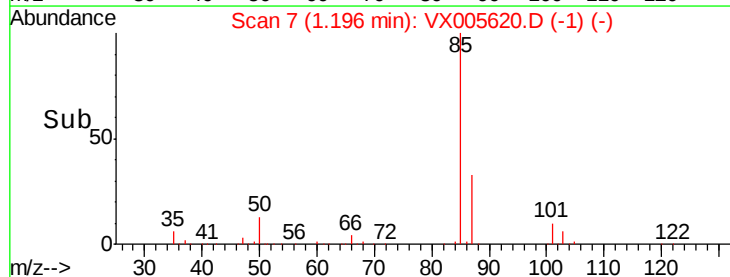
Time-->

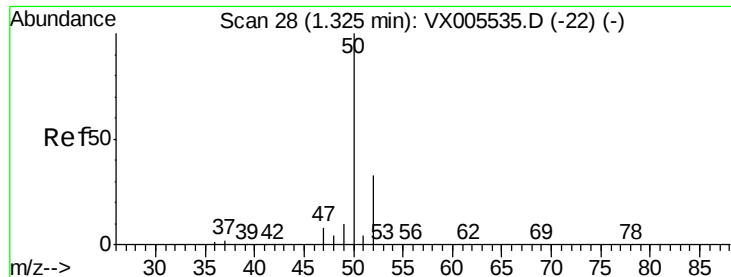
1.15

1.20

1.25

1.30





#3

Chloromethane

Concen: 54.294 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Instrument :

MSVOA_X

ClientSampleId :

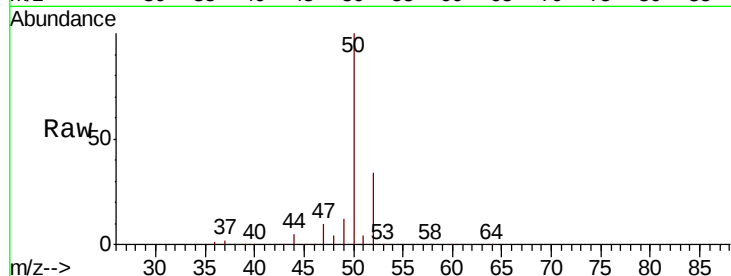
MW-15MS

Tot Ion: 50 Resp: 148614

Ion Ratio Lower Upper

50 100

52 34.1 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

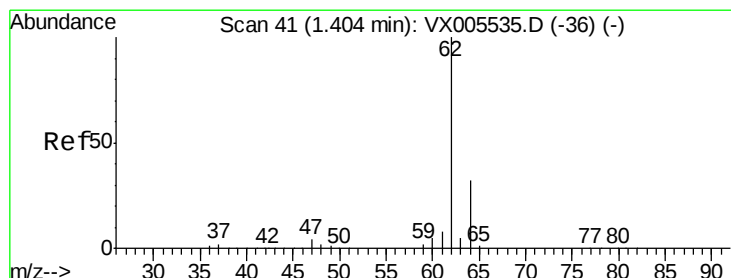
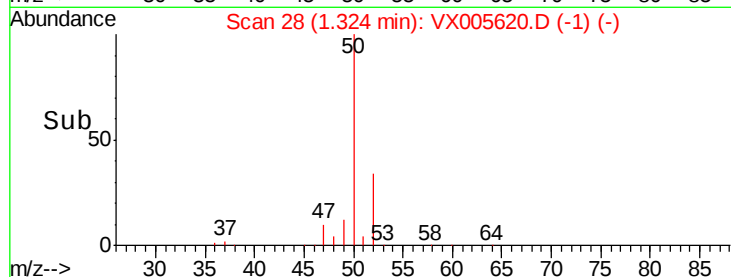
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 56.874 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005620.D

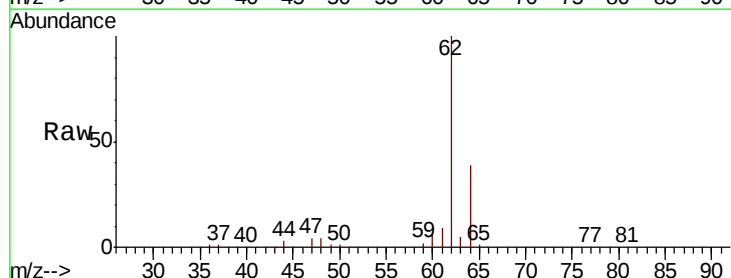
Acq: 26 Oct 2018 22:02

Tgt Ion: 62 Resp: 153073

Ion Ratio Lower Upper

62 100

64 34.6 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

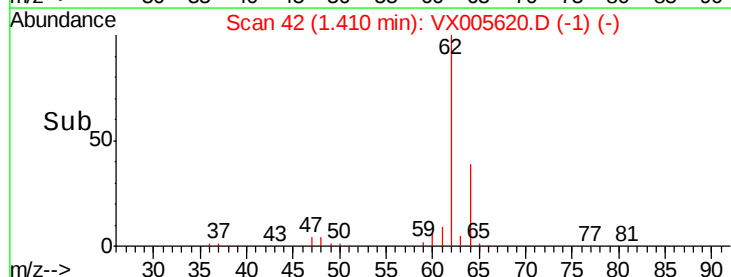
150000

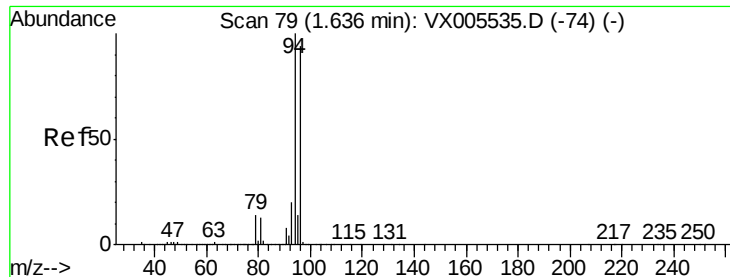
100000

50000

0

Time-->





#5

Bromomethane

Concen: 50.627 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Instrument :

MSVOA_X

ClientSampleId :

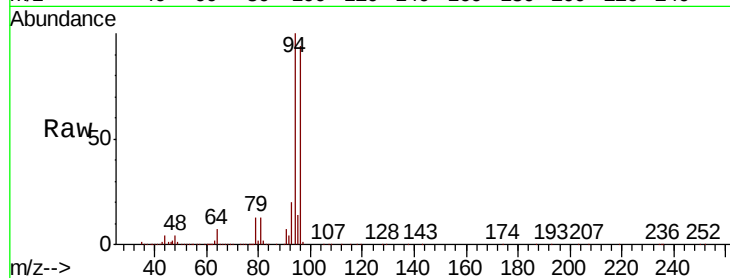
MW-15MS

Tot Ion: 94 Resp: 84787

Ion Ratio Lower Upper

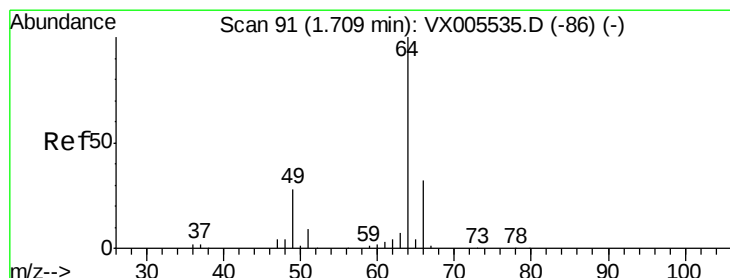
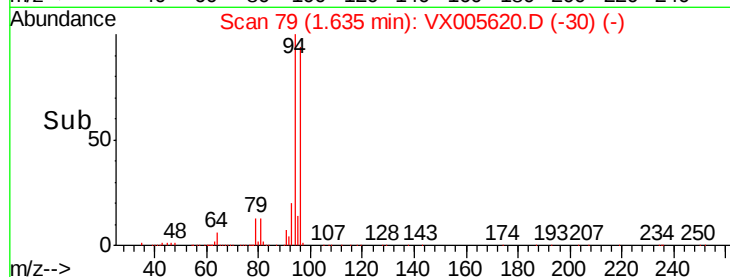
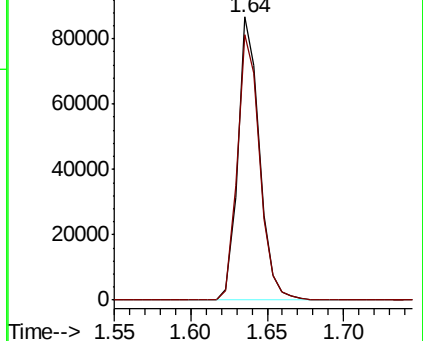
94 100

96 93.6 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: 49.769 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.01 min

Lab File: VX005620.D

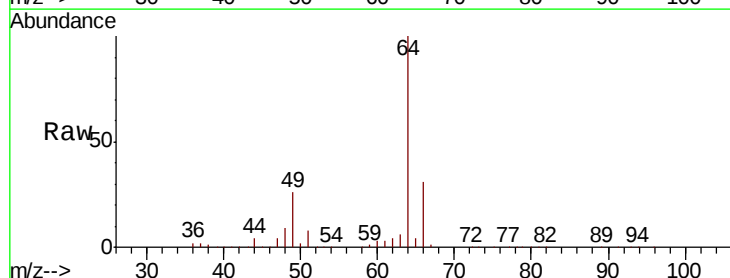
Acq: 26 Oct 2018 22:02

Tgt Ion: 64 Resp: 85572

Ion Ratio Lower Upper

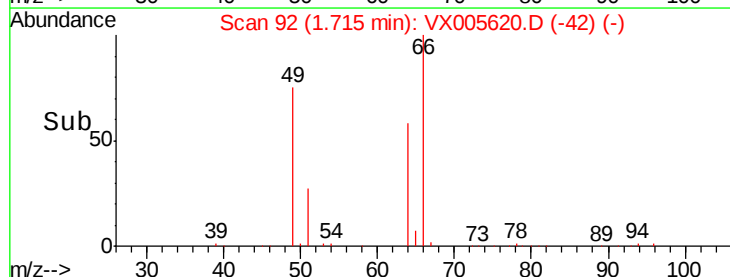
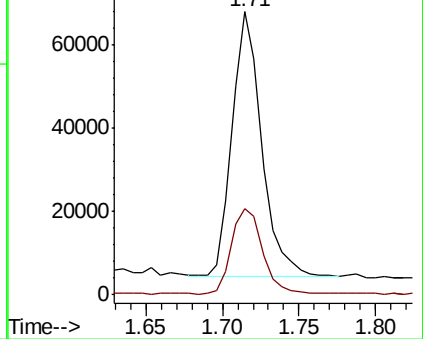
64 100

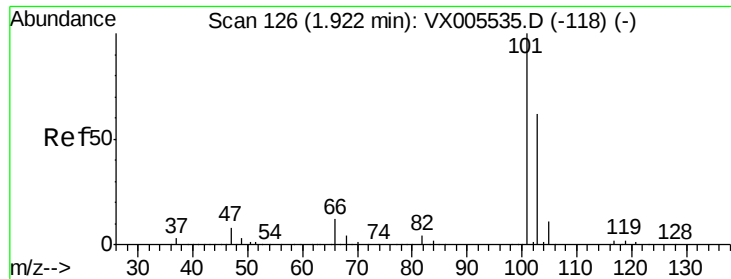
66 32.2 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



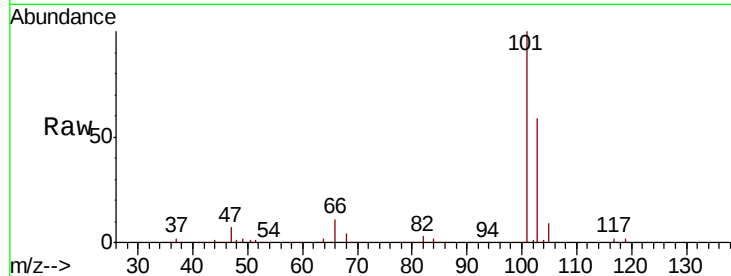


#7

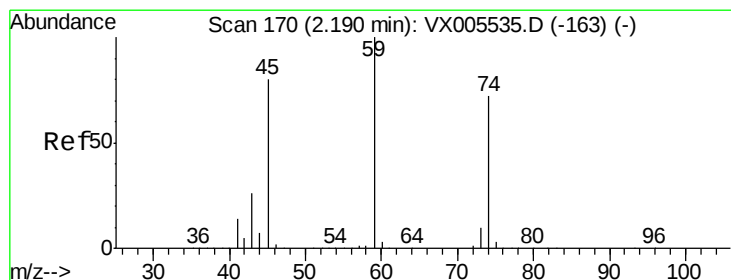
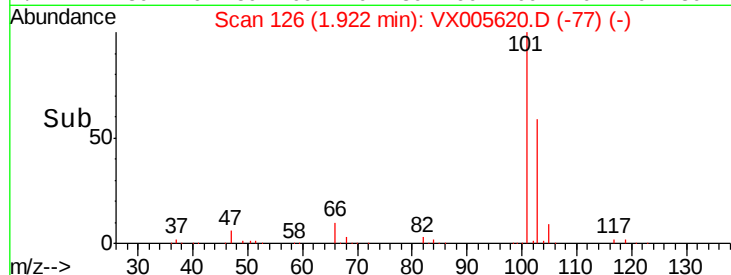
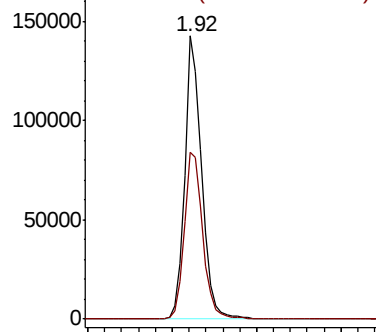
Trichlorofluoromethane
Concen: 52.947 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

Instrument :
MSVOA_X
ClientSampleId :
MW-15MS

Tot Ion:101 Resp: 198012
Ion Ratio Lower Upper
101 100
103 59.1 50.0 75.0



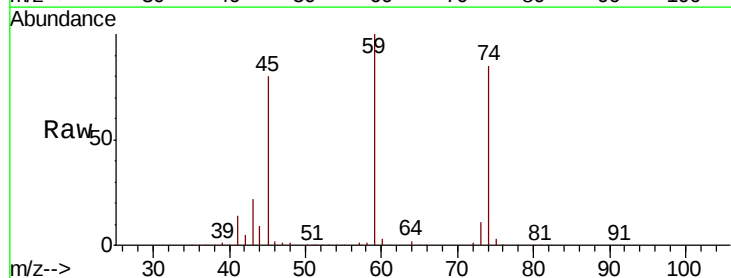
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



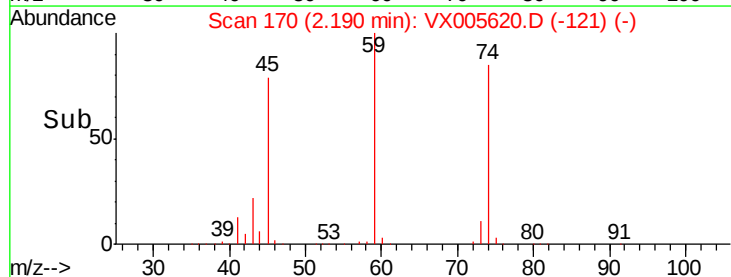
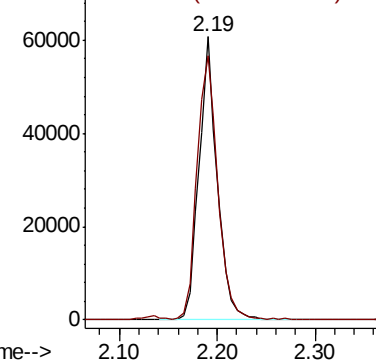
#8

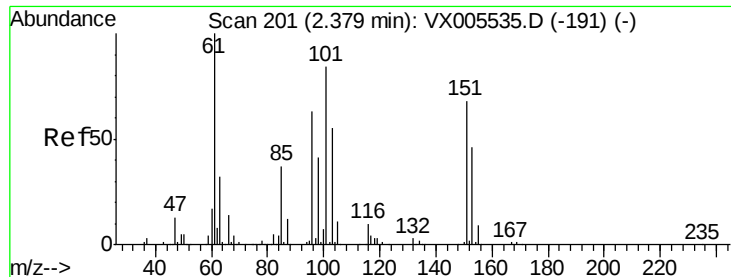
Diethyl Ether
Concen: 52.767 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

Tgt Ion: 74 Resp: 78753
Ion Ratio Lower Upper
74 100
45 105.8 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: 50.470 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Instrument :

MSVOA_X

ClientSampleId :

MW-15MS

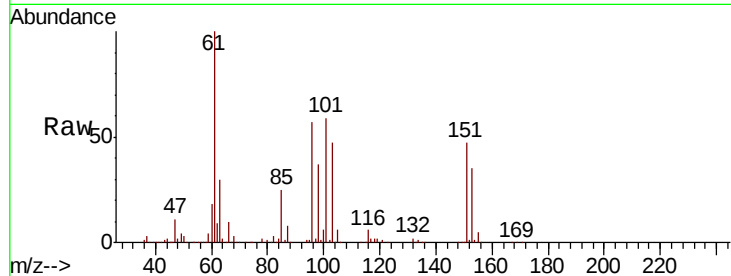
Tot Ion:101 Resp: 108296

Ion Ratio Lower Upper

101 100

85 44.0 35.0 52.4

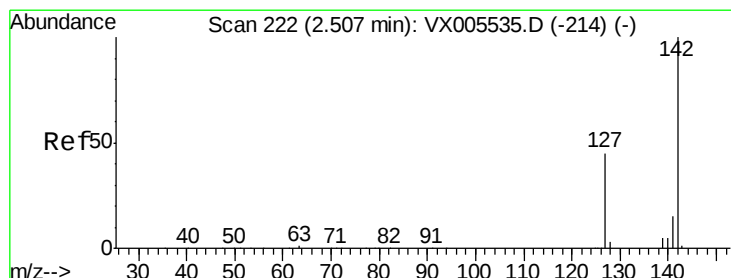
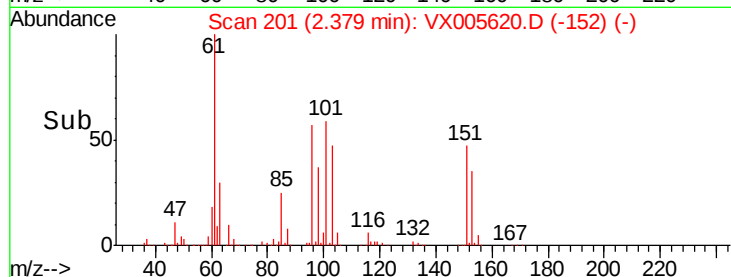
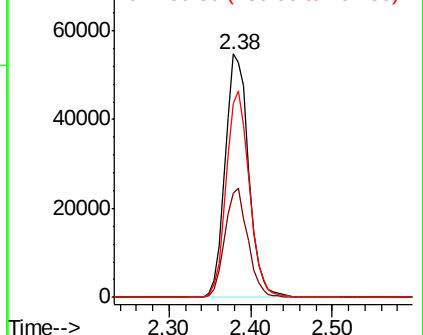
151 83.6 66.2 99.2



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: 66.875 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

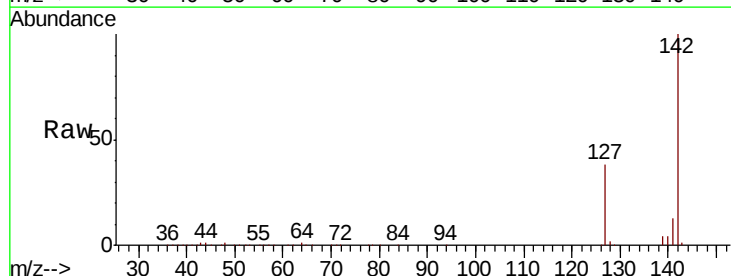
Tgt Ion:142 Resp: 152045

Ion Ratio Lower Upper

142 100

127 43.4 36.0 54.0

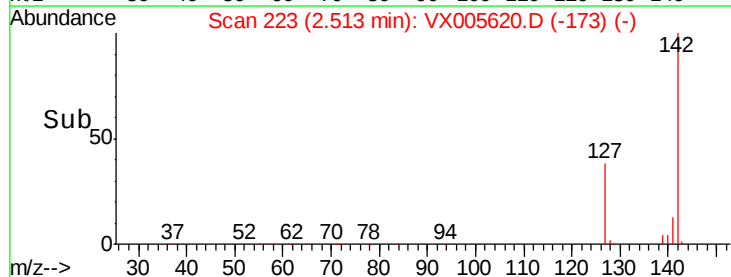
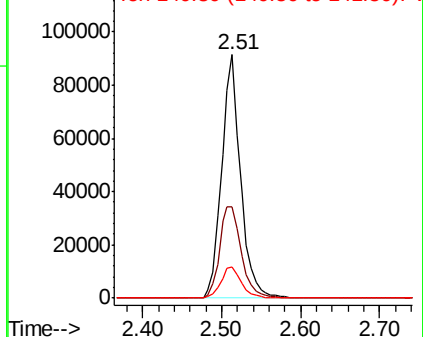
141 13.9 11.7 17.5

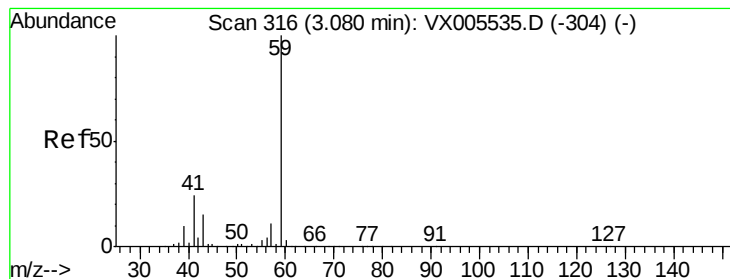


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 244.448 ug/l

RT: 3.07 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Instrument :

MSVOA_X

ClientSampleId :

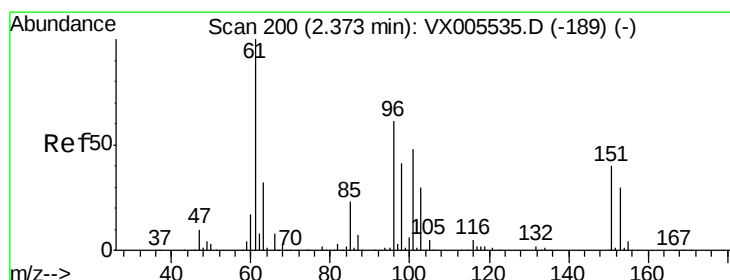
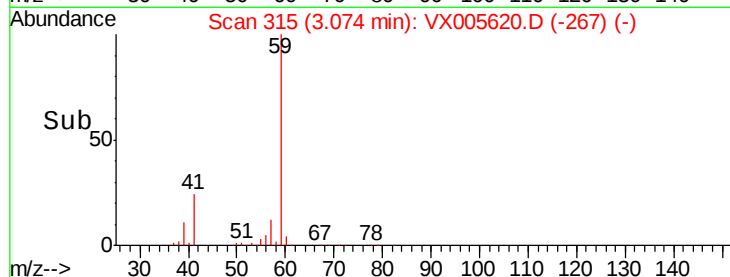
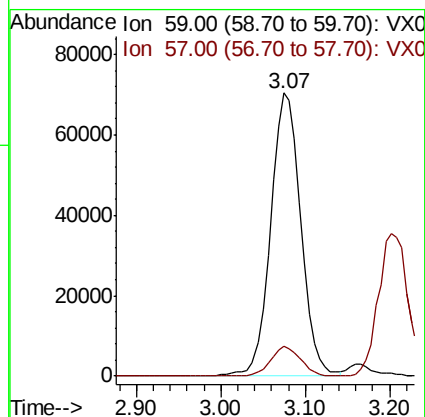
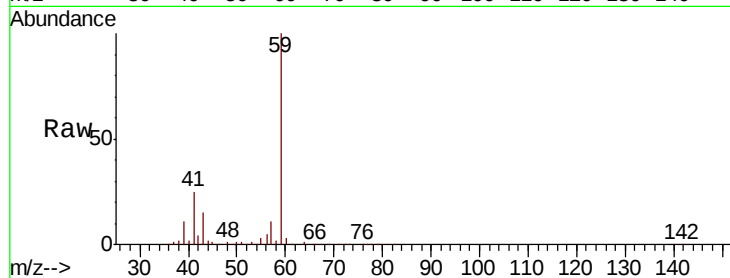
MW-15MS

Tot Ion: 59 Resp: 174853

Ion Ratio Lower Upper

59 100

57 10.6 8.5 12.7



#12

1,1-Dichloroethene

Concen: 51.384 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

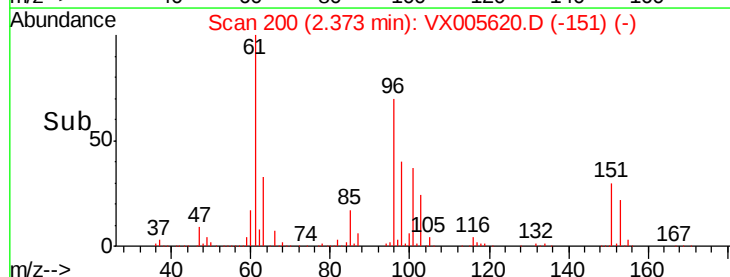
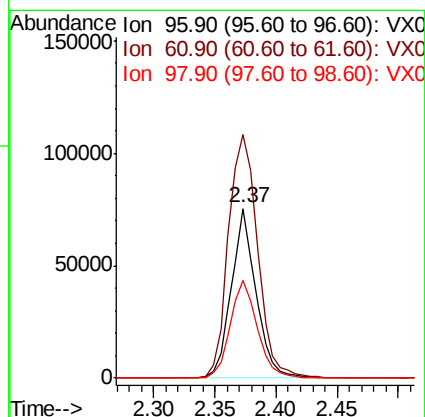
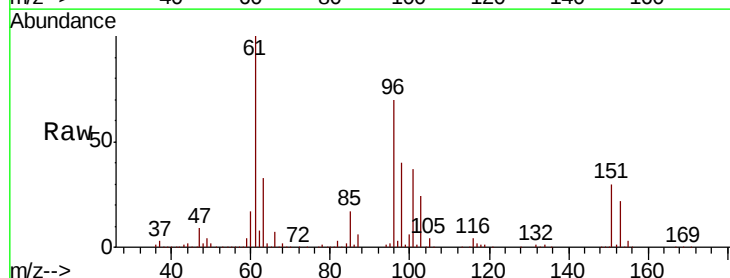
Tgt Ion: 96 Resp: 105034

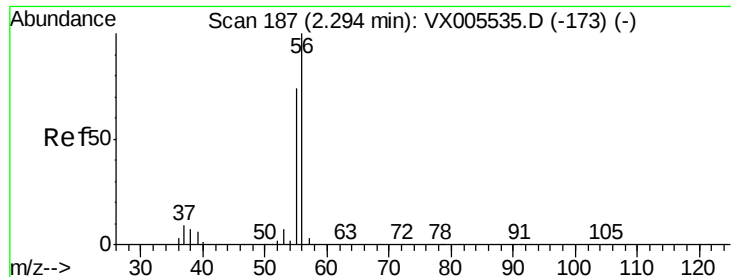
Ion Ratio Lower Upper

96 100

61 143.4 131.8 197.8

98 57.7 53.4 80.2





#13

Acrolein

Concen: 230.449 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Instrument :

MSVOA_X

ClientSampleId :

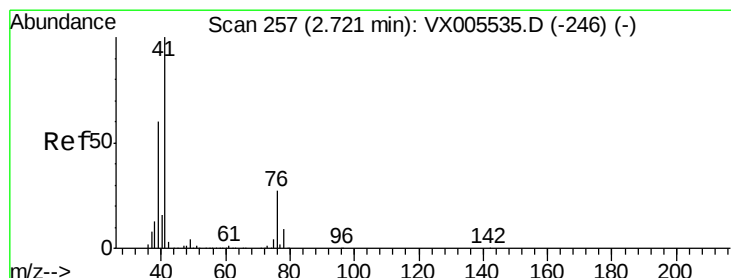
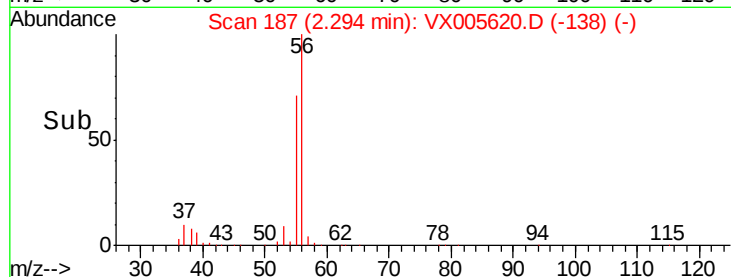
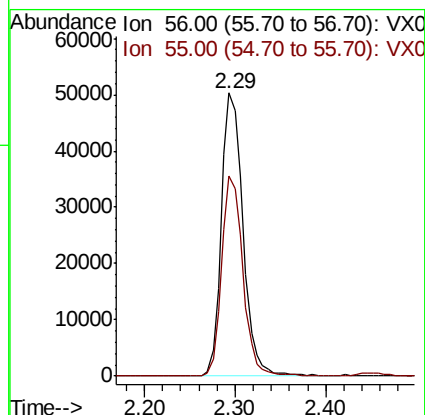
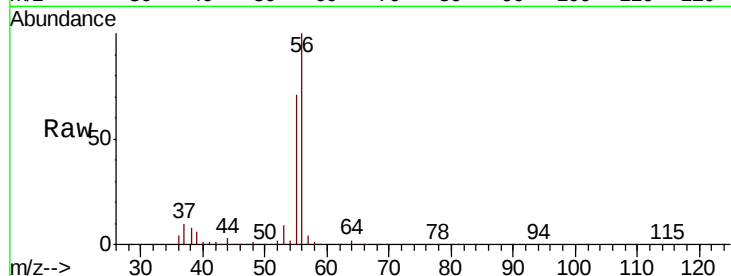
MW-15MS

Tot Ion: 56 Resp: 84086

Ion Ratio Lower Upper

56 100

55 68.8 57.3 85.9



#14

Allyl chloride

Concen: 52.199 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.01 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

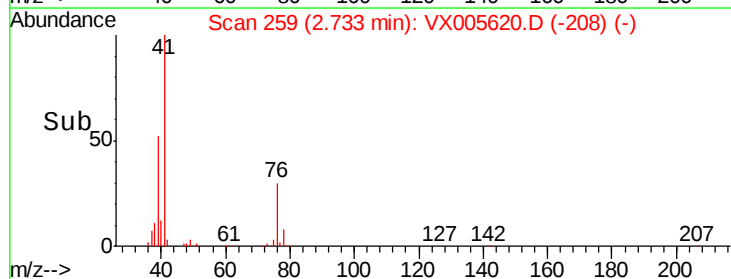
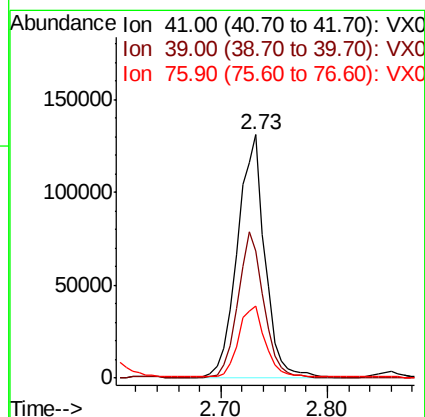
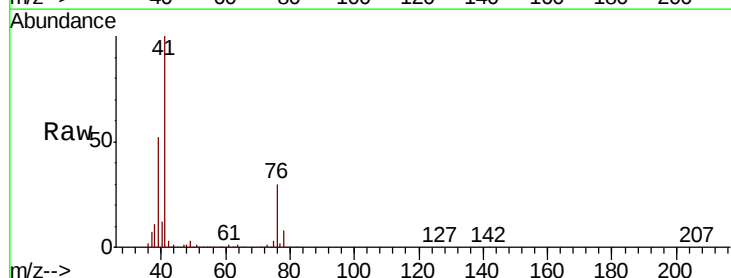
Tgt Ion: 41 Resp: 238130

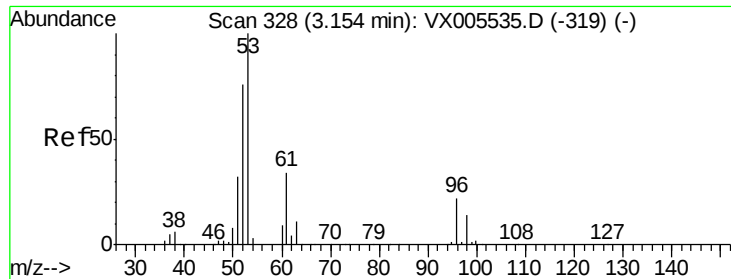
Ion Ratio Lower Upper

41 100

39 56.7 48.2 72.4

76 28.6 21.9 32.9



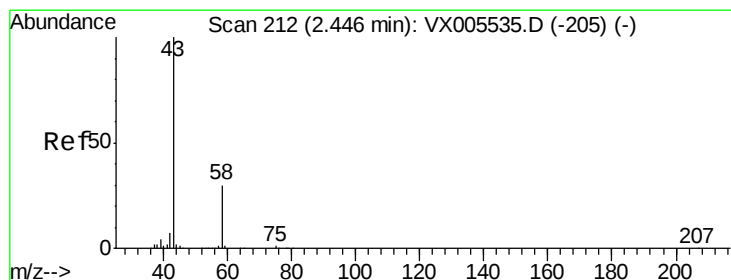
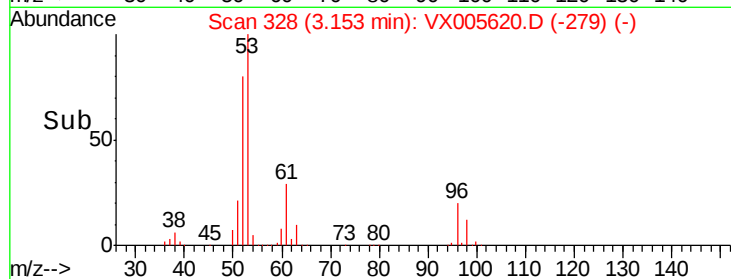
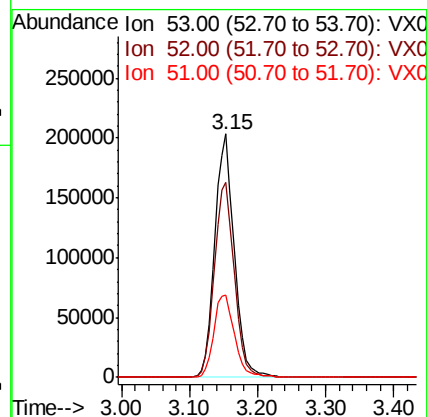
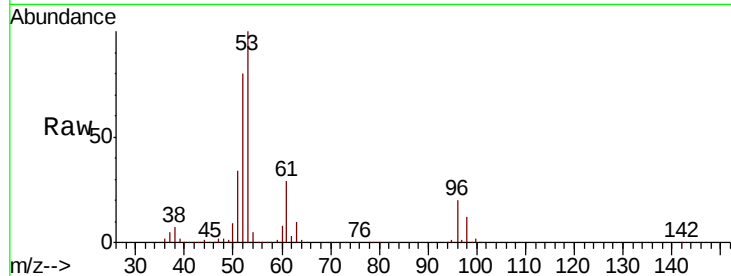


#15
 Acrylonitrile
 Concen: 251.924 ug/l
 RT: 3.15 min Scan# 328
 Delta R.T. -0.00 min
 Lab File: VX005620.D
 Acq: 26 Oct 2018 22:02

Instrument :
 MSVOA_X
 ClientSampled :
 MW-15MS

Tot Ion: 53 Resp: 404079

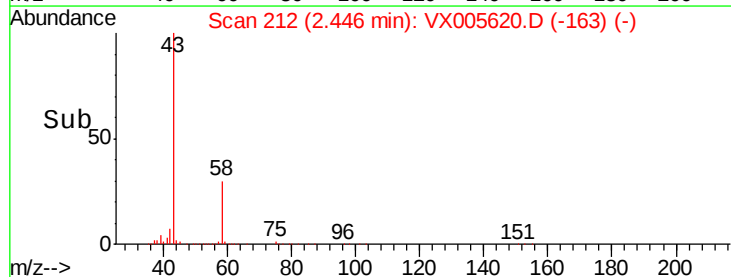
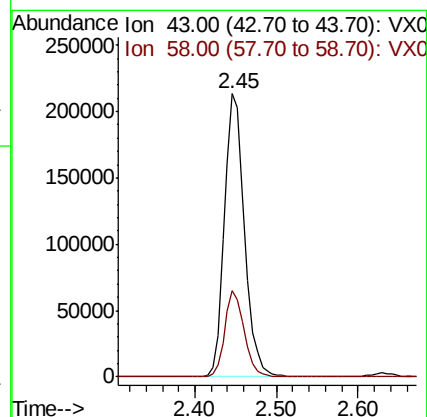
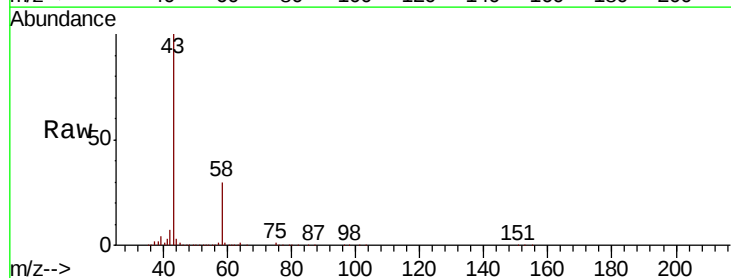
Ion	Ratio	Lower	Upper
53	100		
52	81.8	66.6	99.8
51	35.7	28.4	42.6

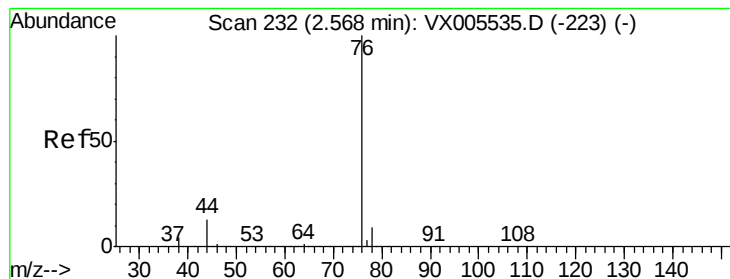


#16
 Acetone
 Concen: 259.819 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX005620.D
 Acq: 26 Oct 2018 22:02

Tgt Ion: 43 Resp: 364941

Ion	Ratio	Lower	Upper
43	100		
58	30.3	23.8	35.6





#17

Carbon Disulfide

Concen: 50.704 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Instrument :

MSVOA_X

ClientSampleId :

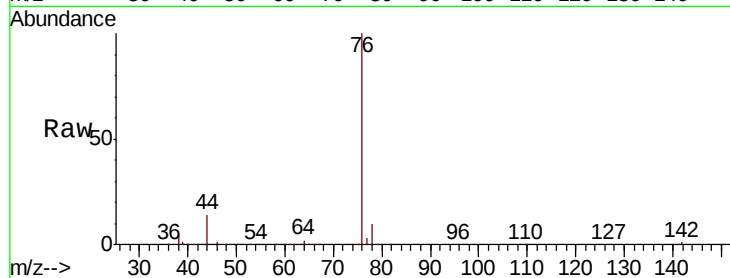
MW-15MS

Tot Ion: 76 Resp: 315942

Ion Ratio Lower Upper

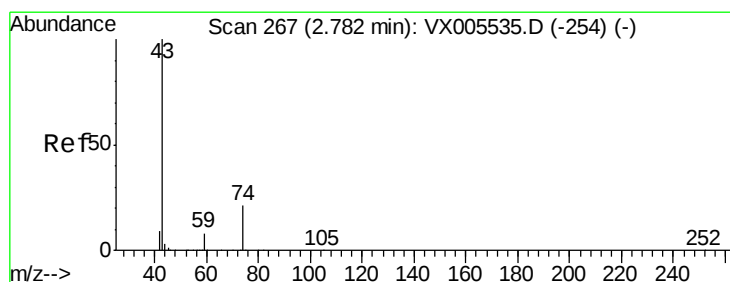
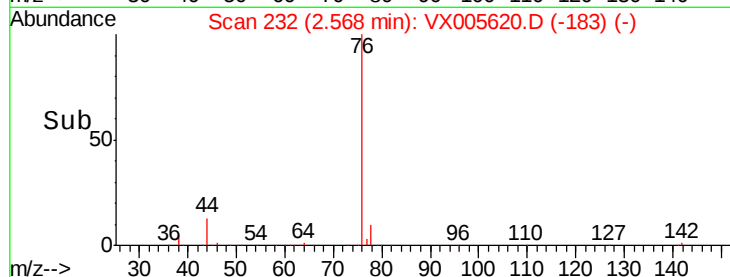
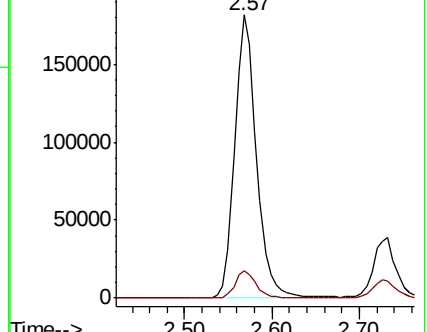
76 100

78 9.6 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 50.779 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX005620.D

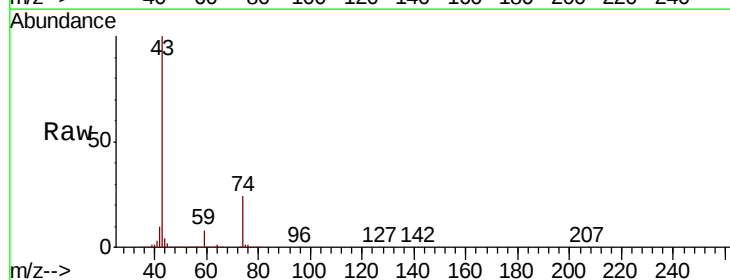
Acq: 26 Oct 2018 22:02

Tgt Ion: 43 Resp: 176118

Ion Ratio Lower Upper

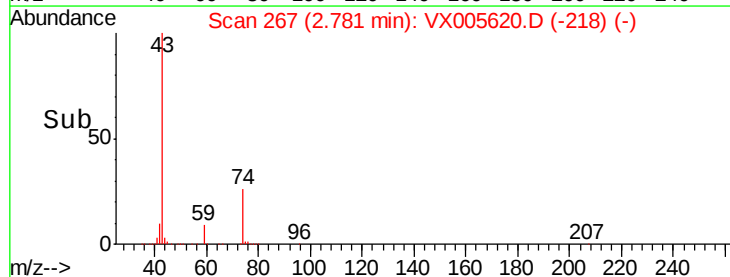
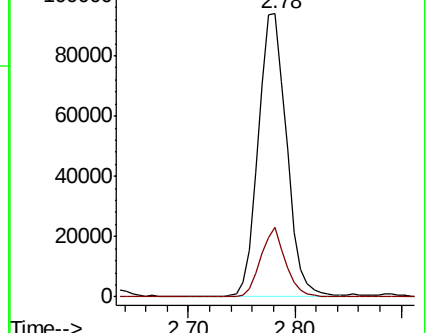
43 100

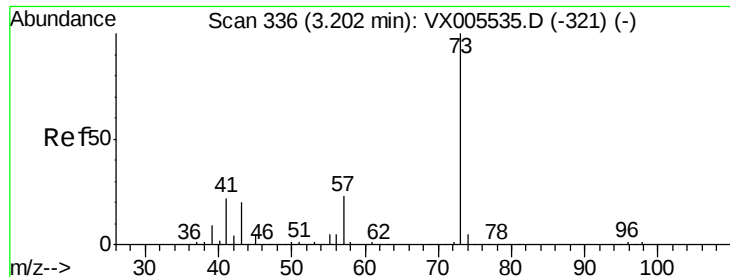
74 21.6 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

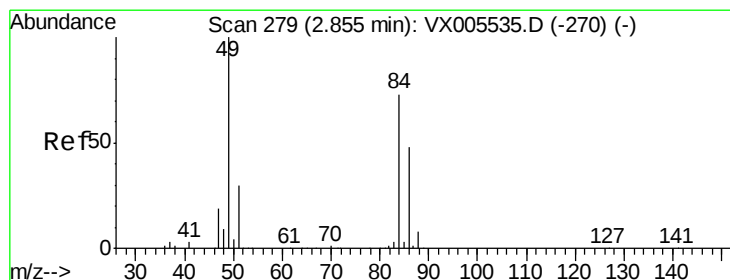
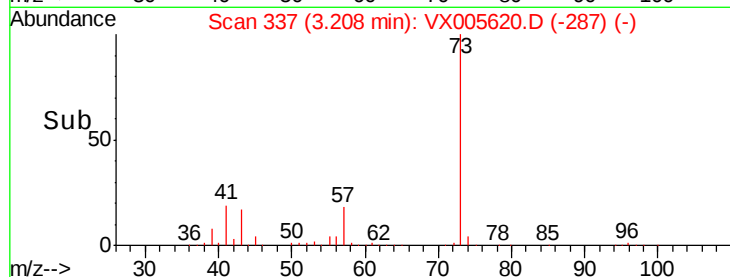
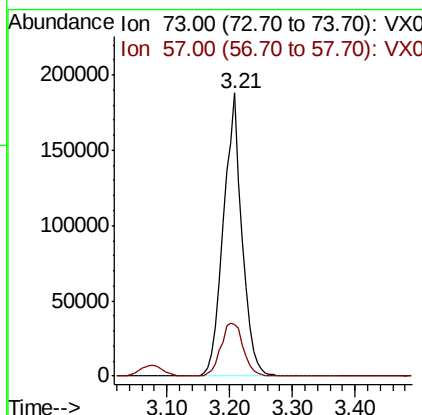
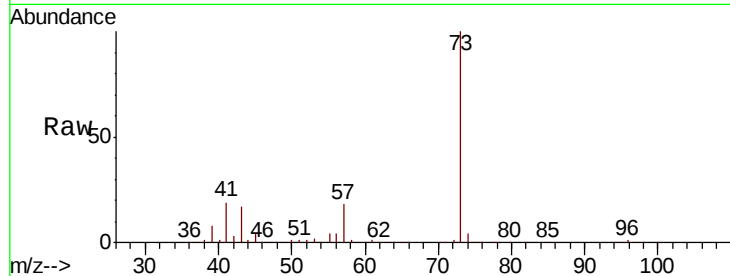




#19
Methvl tert-butvl Ether
Concen: 52.583 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

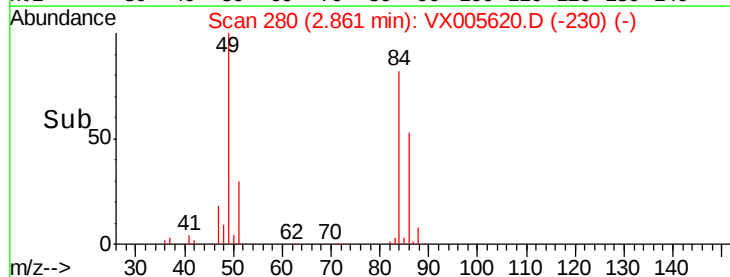
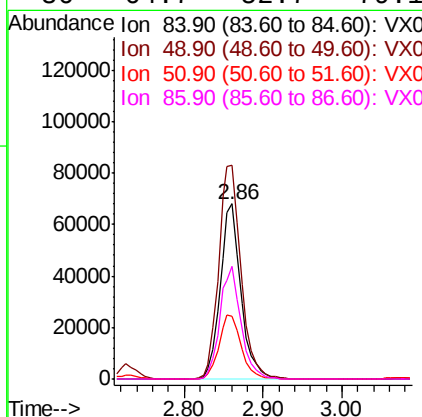
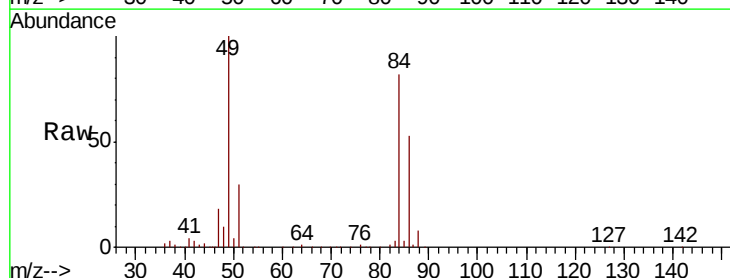
Instrument :
MSVOA_X
ClientSampleId :
MW-15MS

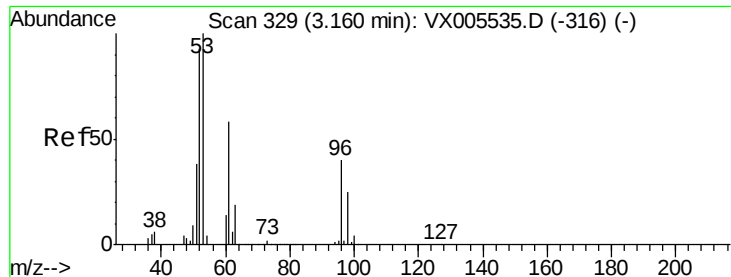
Tot Ion: 73 Resp: 383408
Ion Ratio Lower Upper
73 100
57 18.4 18.8 28.2#



#20
Methylene Chloride
Concen: 52.673 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

Tgt Ion: 84 Resp: 123910
Ion Ratio Lower Upper
84 100
49 122.1 109.5 164.3
51 36.1 33.3 49.9
86 64.7 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 48.827 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Instrument :

MSVOA_X

ClientSampleId :

MW-15MS

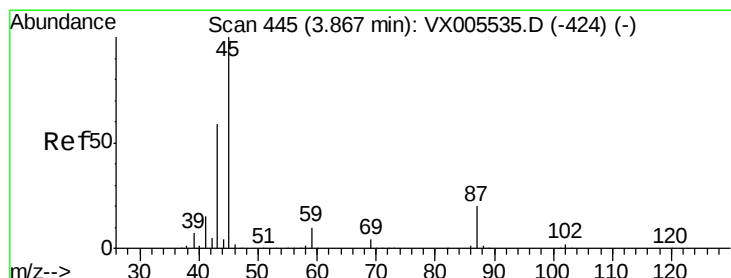
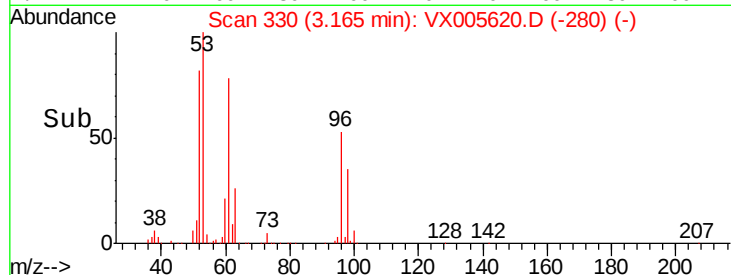
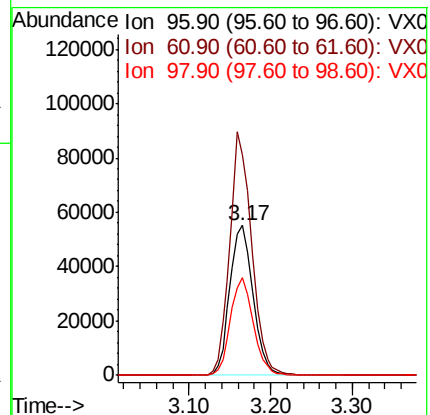
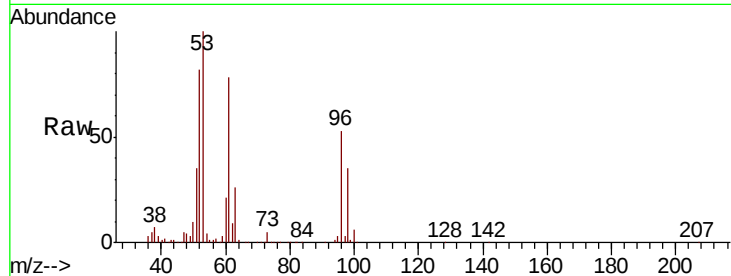
Tot Ion: 96 Resp: 108973

Ion Ratio Lower Upper

96 100

61 146.6 115.6 173.4

98 65.0 50.2 75.2



#22

Diisopropyl ether

Concen: 53.504 ug/l

RT: 3.86 min Scan# 444

Delta R.T. -0.01 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Tgt Ion: 45 Resp: 426248

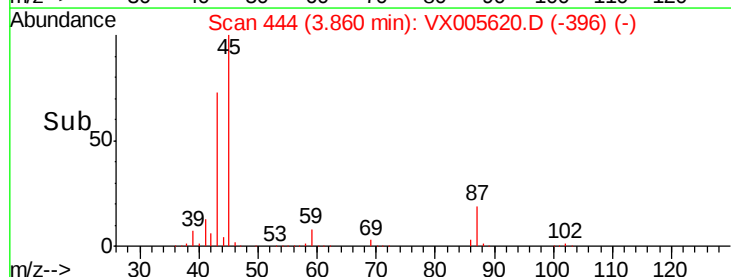
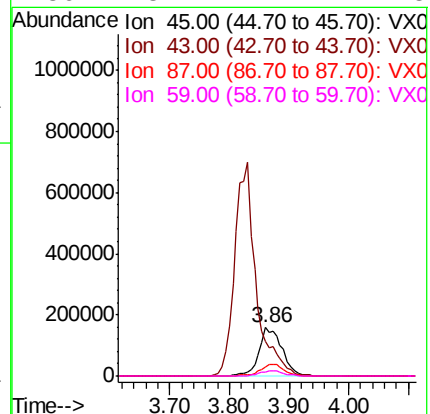
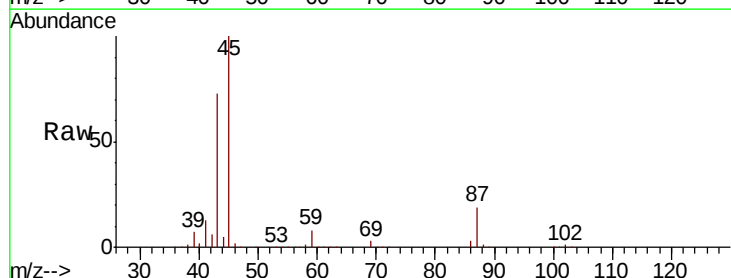
Ion Ratio Lower Upper

45 100

43 72.5 47.4 71.2#

87 19.2 15.9 23.9

59 8.4 7.7 11.5





#23

Vinyl Acetate

Concen: 248.122 ug/l

RT: 3.83 min Scan# 439

Delta R.T. 0.01 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Instrument :

MSVOA_X

ClientSampleId :

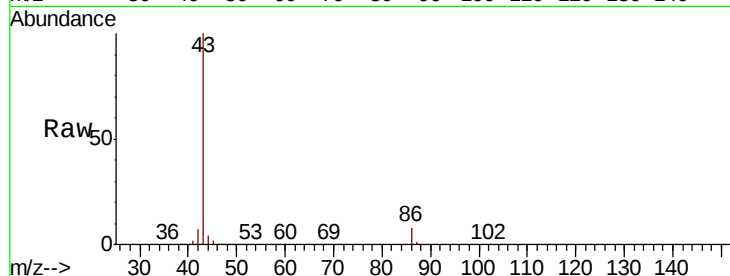
MW-15MS

Tot Ion: 43 Resp: 1740874

Ion Ratio Lower Upper

43 100

86 8.3 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

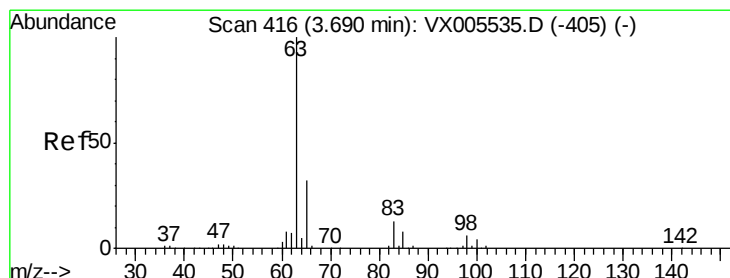
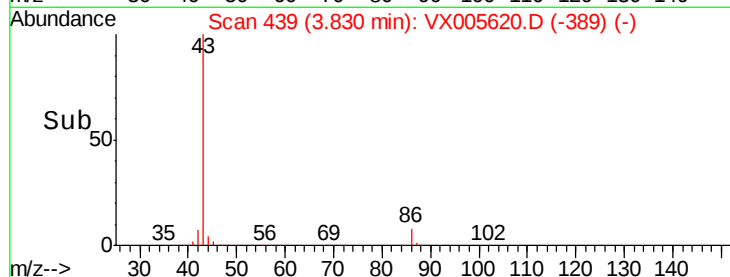
600000

400000

200000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 51.249 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

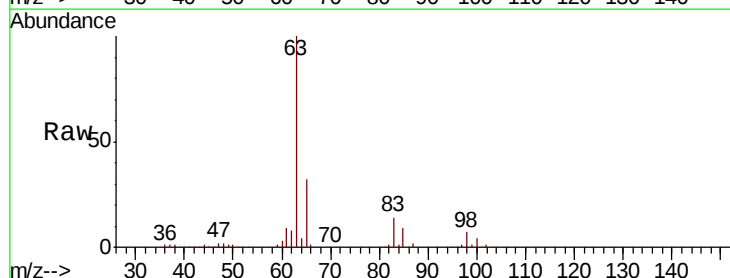
Tgt Ion: 63 Resp: 221973

Ion Ratio Lower Upper

63 100

98 6.6 3.2 9.6

100 4.2 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

120000

100000

80000

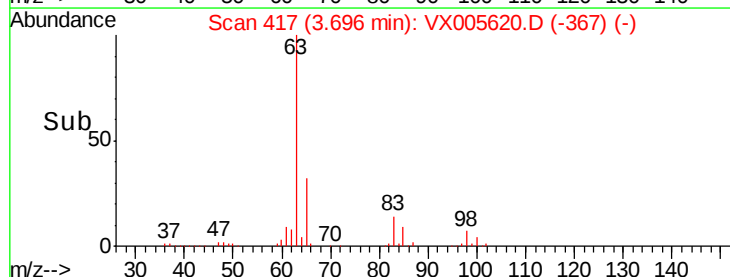
60000

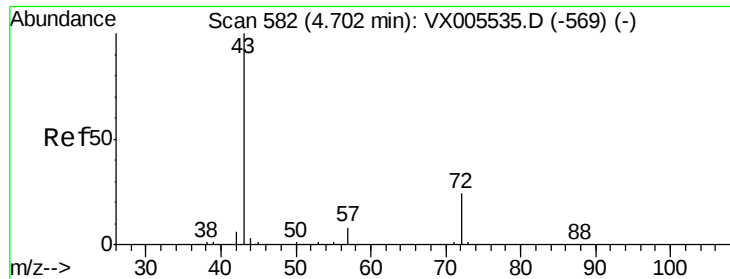
40000

20000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 251.392 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Instrument :

MSVOA_X

ClientSampleId :

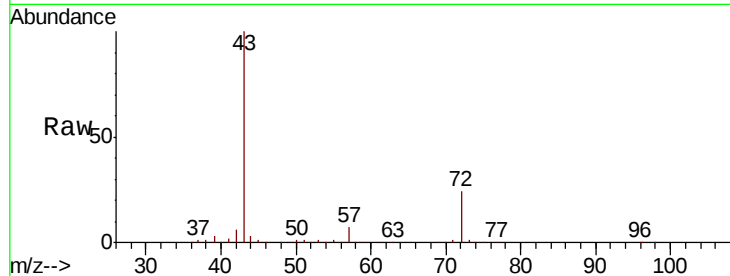
MW-15MS

Tot Ion: 43 Resp: 537708

Ion Ratio Lower Upper

43 100

72 23.6 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.70

200000

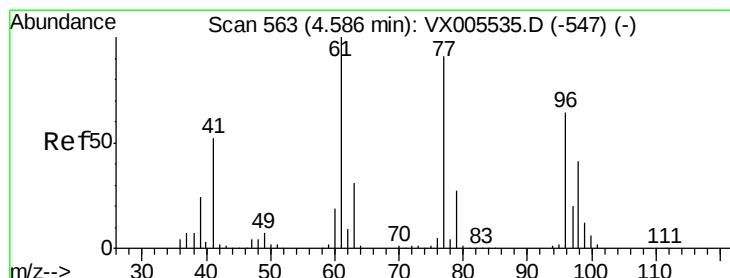
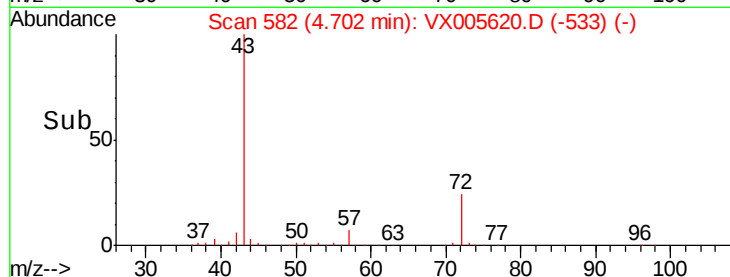
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 41.941 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX005620.D

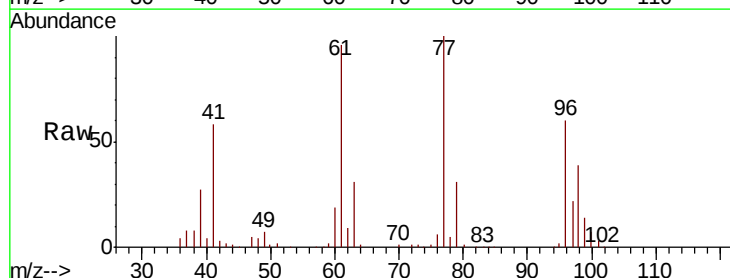
Acq: 26 Oct 2018 22:02

Tgt Ion: 77 Resp: 140247

Ion Ratio Lower Upper

77 100

97 23.9 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

50000

40000

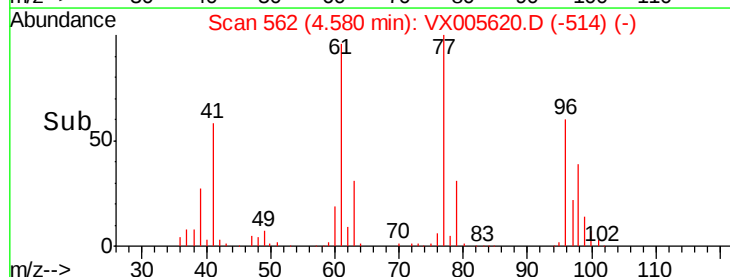
30000

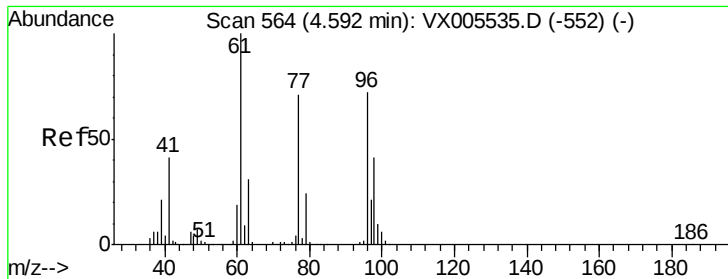
20000

10000

0

Time-->



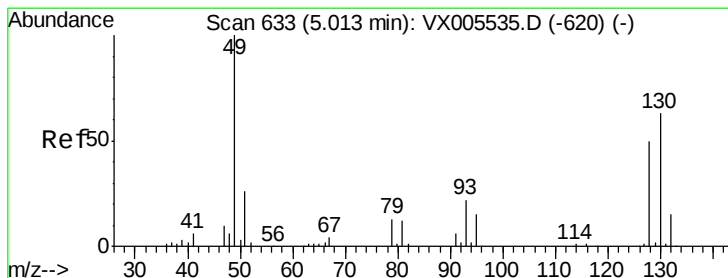
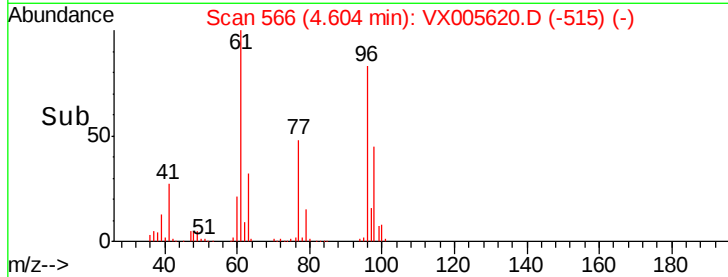
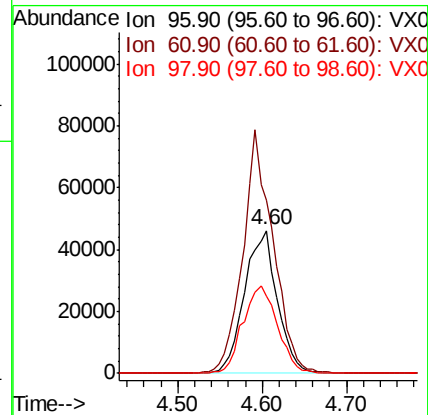
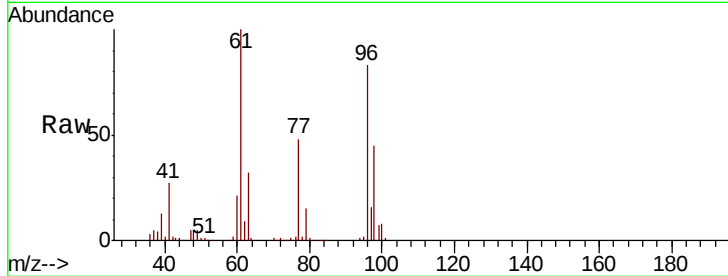


#27

cis-1,2-Dichloroethene
Concen: 50.602 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

Instrument :
MSVOA_X
ClientSampleId :
MW-15MS

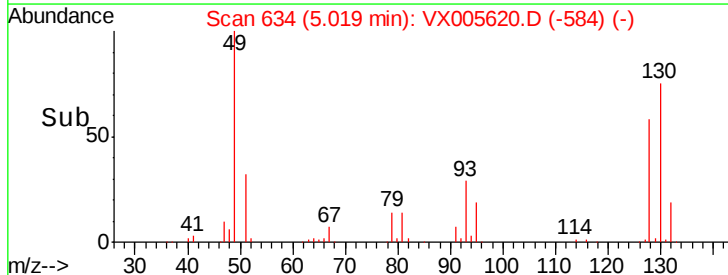
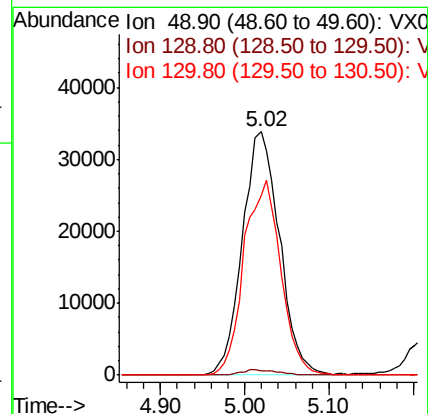
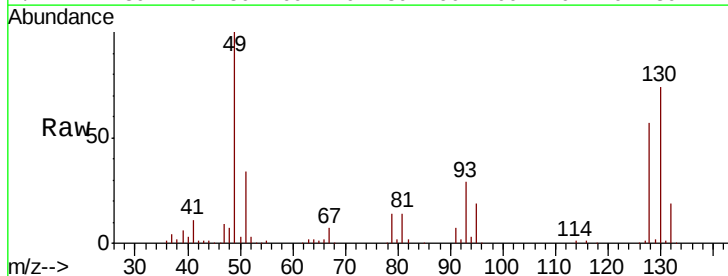
Tot Ion	Ratio	Lower	Upper
96	100		
61	155.3	0.0	304.6
98	64.7	0.0	127.4

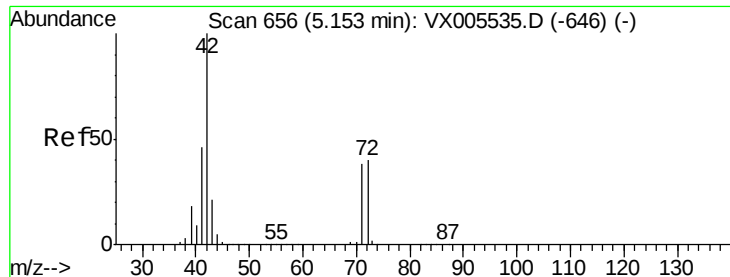


#28

Bromochloromethane
Concen: 48.295 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	79.0	58.9	88.3





#29

Tetrahydrofuran

Concen: 252.064 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Instrument :

MSVOA_X

ClientSampleId :

MW-15MS

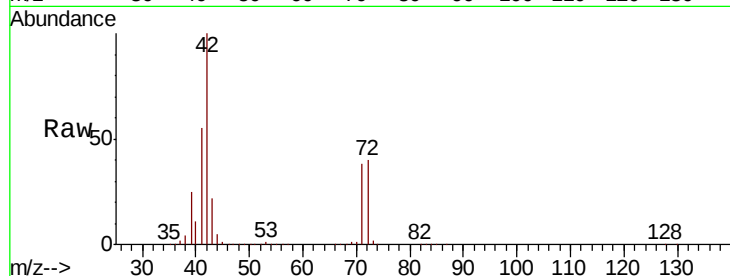
Tot Ion: 42 Resp: 350863

Ion Ratio Lower Upper

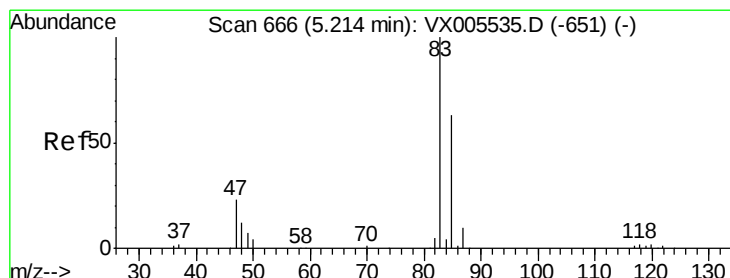
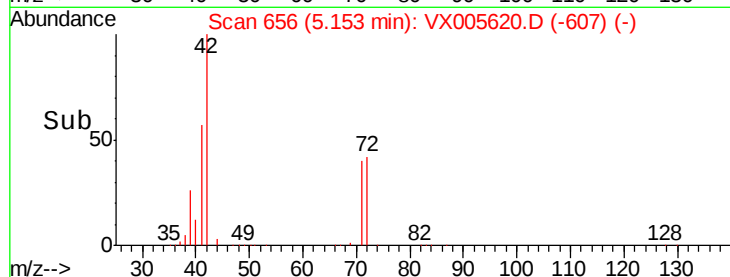
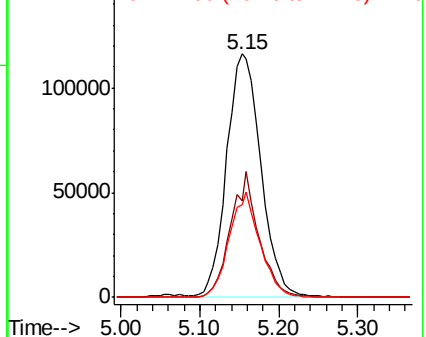
42 100

72 42.9 32.0 48.0

71 38.7 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: 51.271 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX005620.D

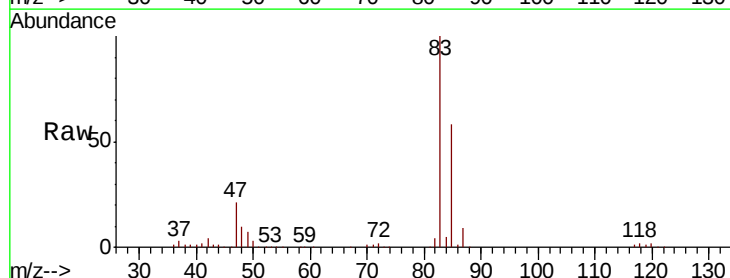
Acq: 26 Oct 2018 22:02

Tgt Ion: 83 Resp: 207723

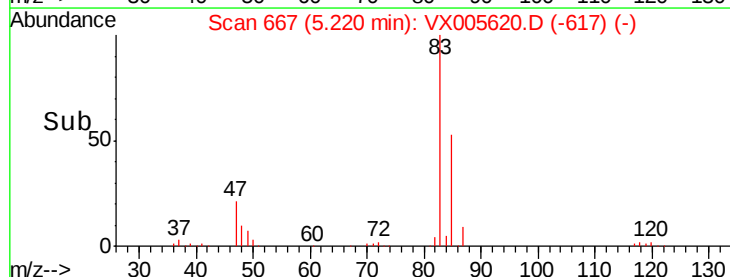
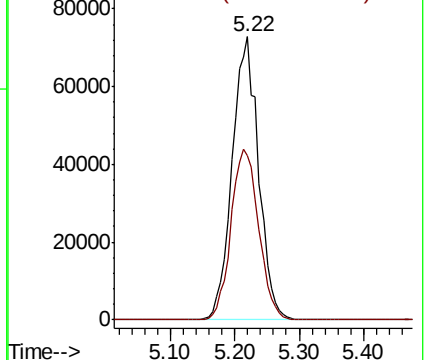
Ion Ratio Lower Upper

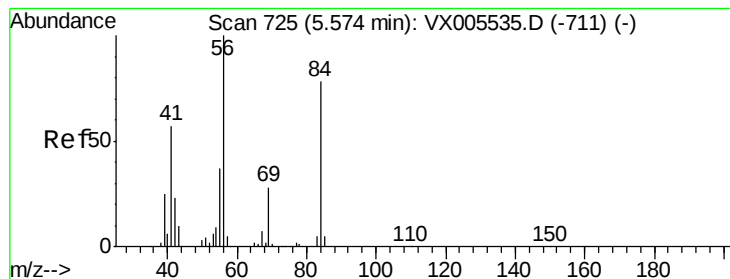
83 100

85 58.2 50.6 76.0



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





#31

Cyclohexane

Concen: 51.896 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Instrument :

MSVOA_X

ClientSampleId :

MW-15MS

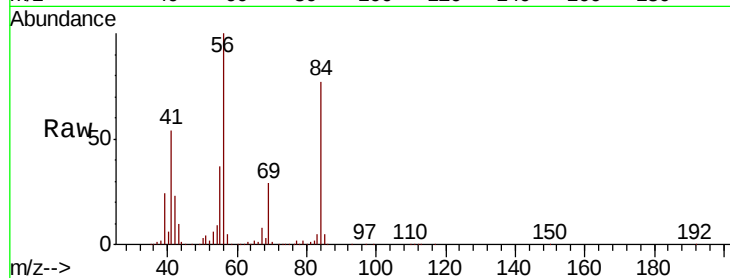
Tot Ion: 56 Resp: 185976

Ion Ratio Lower Upper

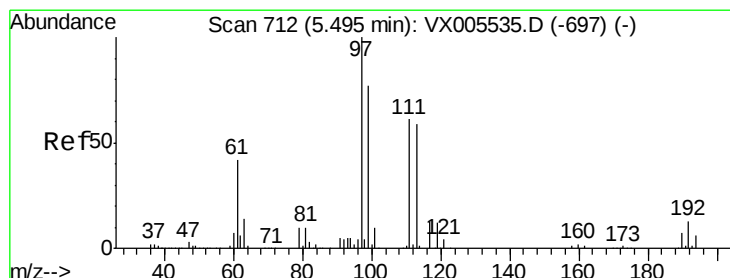
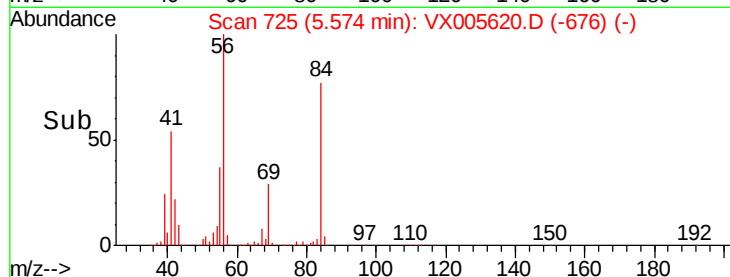
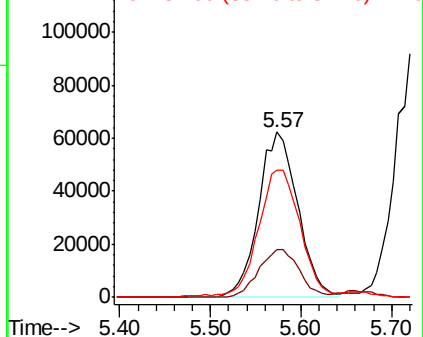
56 100

69 28.7 22.6 34.0

84 75.9 62.7 94.1



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 48.945 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

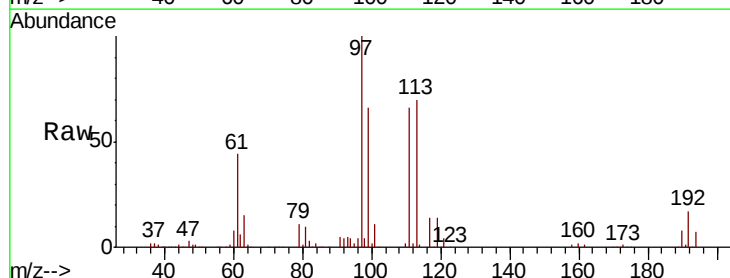
Tgt Ion: 97 Resp: 175021

Ion Ratio Lower Upper

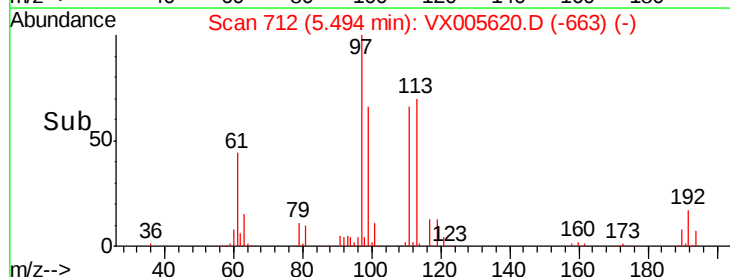
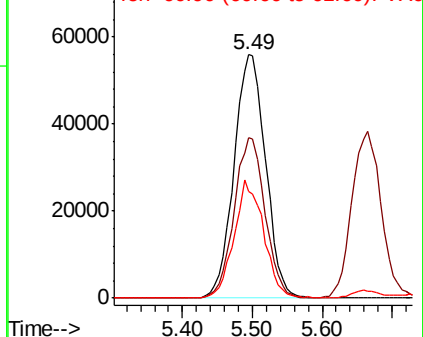
97 100

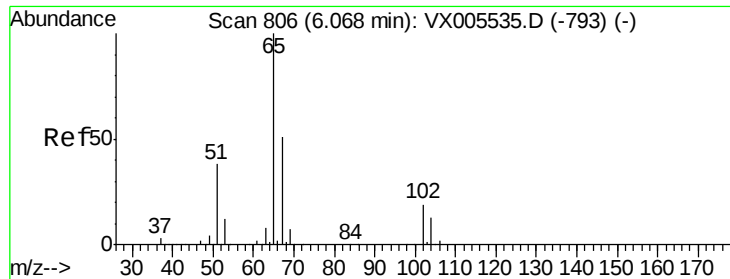
99 64.5 52.3 78.5

61 45.2 35.2 52.8



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 50.653 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Instrument :

MSVOA_X

ClientSampleId :

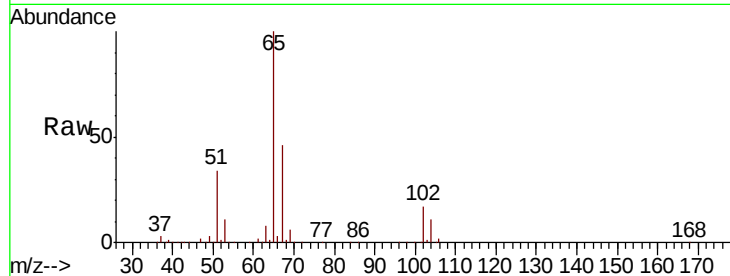
MW-15MS

Tot Ion: 65 Resp: 134642

Ion Ratio Lower Upper

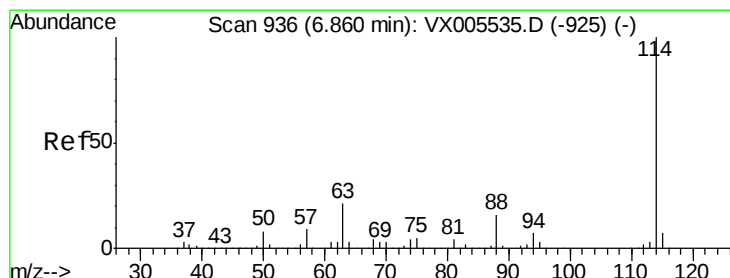
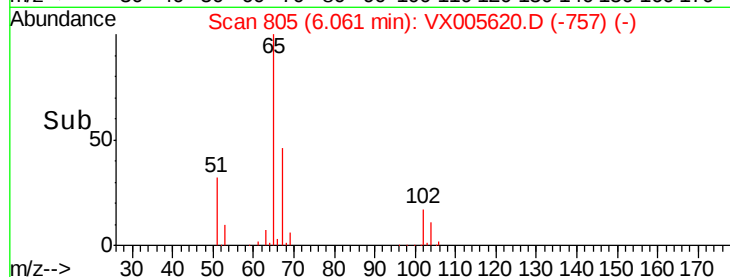
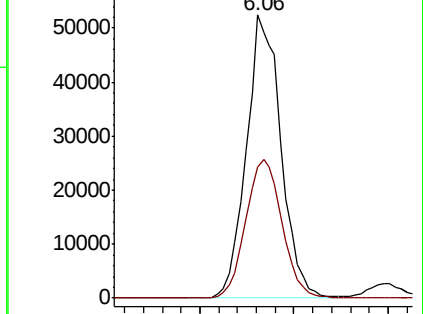
65 100

67 51.6 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: VX005620.D

Acq: 26 Oct 2018 22:02

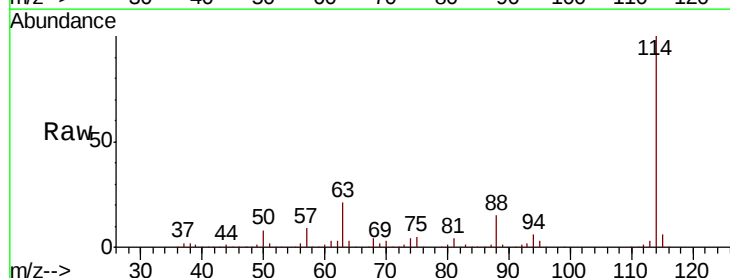
Tgt Ion: 114 Resp: 317683

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.8

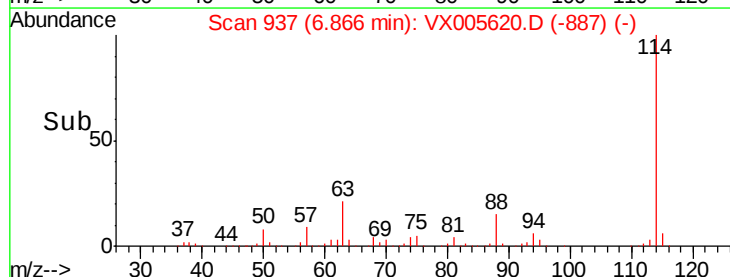
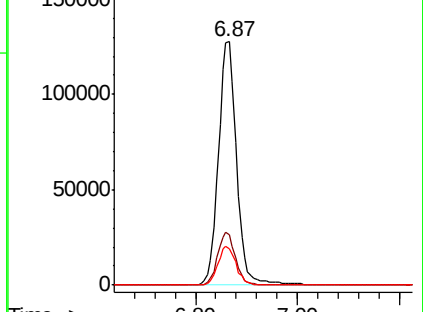
88 15.1 0.0 31.2

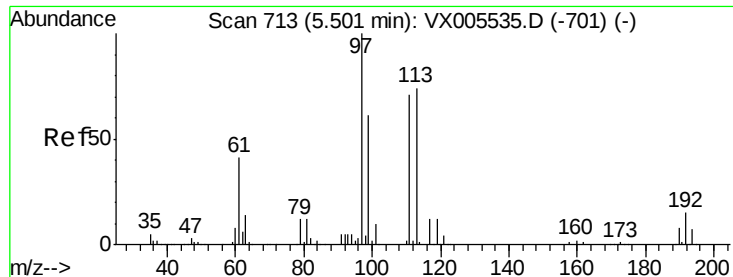


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

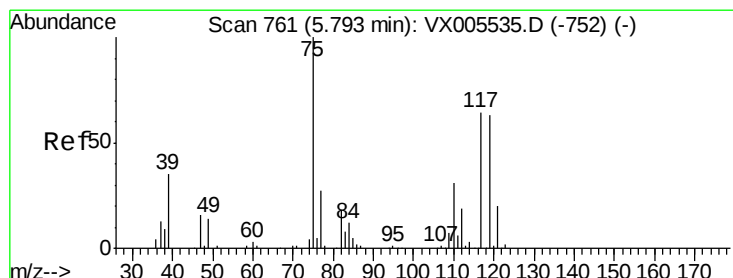
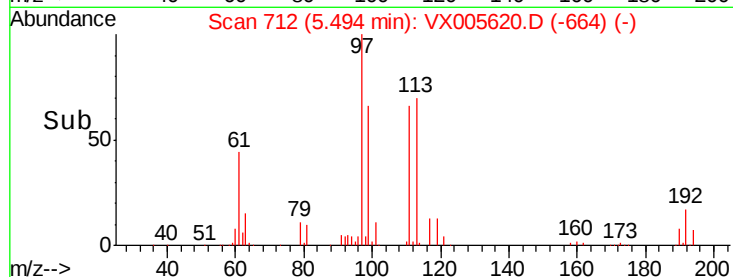
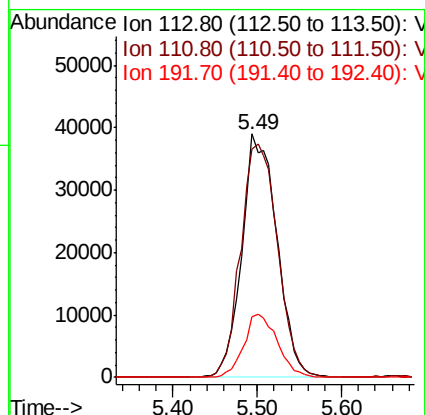
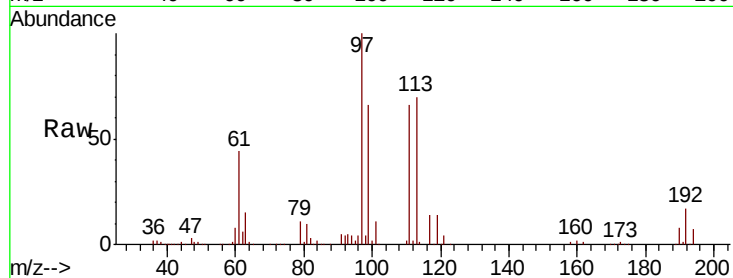




#35
Dibromofluoromethane
Concen: 50.830 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

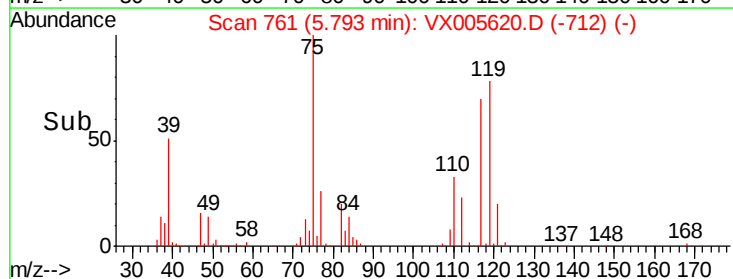
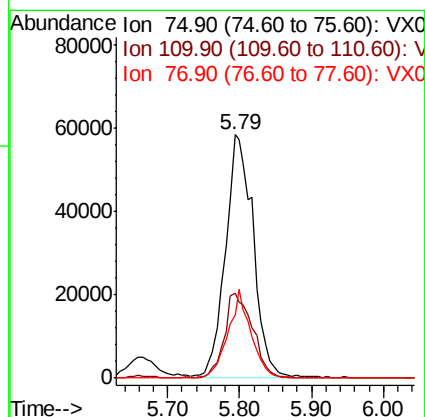
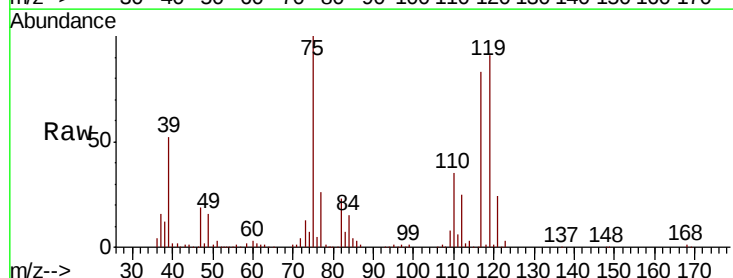
Instrument :
MSVOA_X
ClientSampled :
MW-15MS

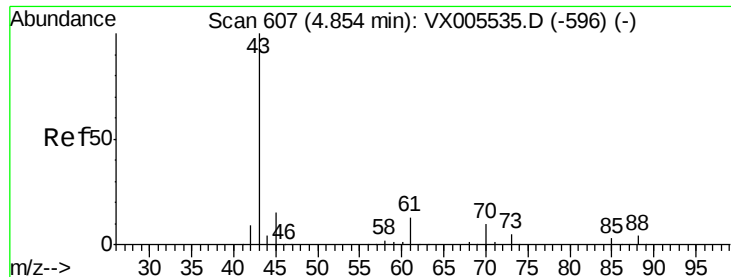
Tot Ion:113 Resp: 109340
Ion Ratio Lower Upper
113 100
111 101.3 82.3 123.5
192 25.0 17.9 26.9



#36
1,1-Dichloropropene
Concen: 50.447 ug/l
RT: 5.79 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

Tgt Ion: 75 Resp: 155528
Ion Ratio Lower Upper
75 100
110 35.8 17.4 52.2
77 30.1 25.8 38.6

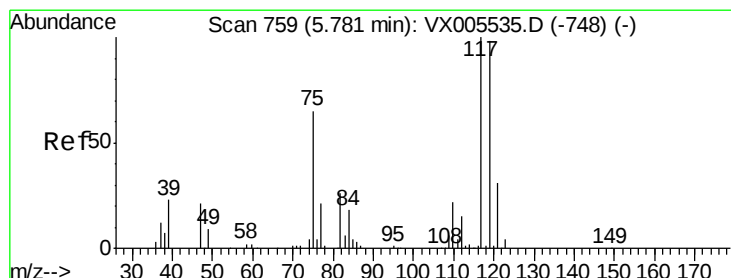
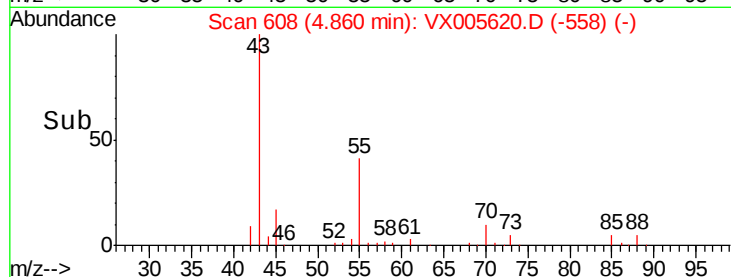
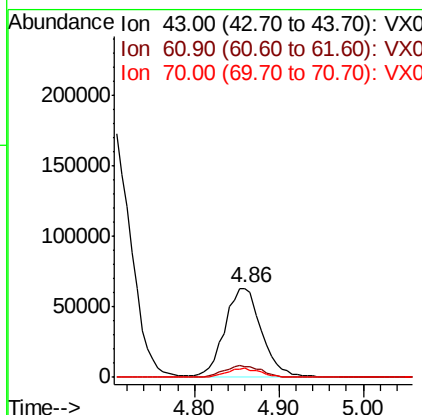
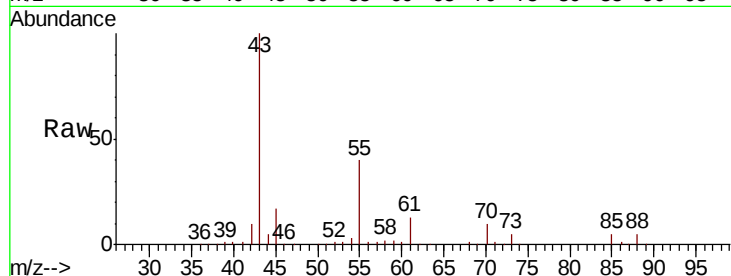




#37
Ethyl Acetate
Concen: 47.346 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

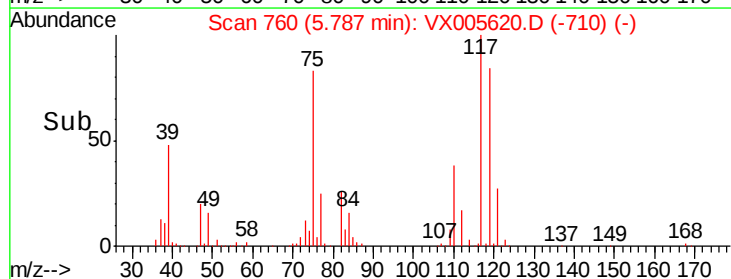
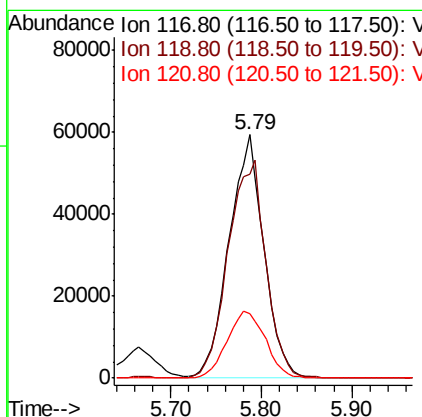
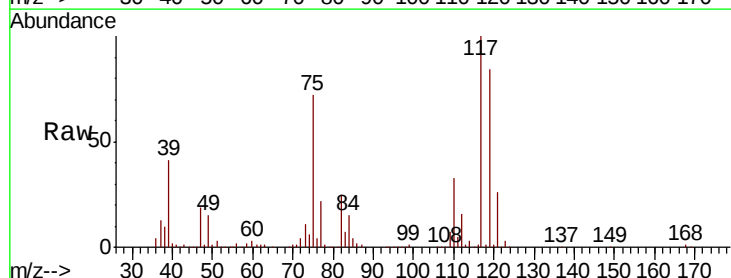
Instrument :
MSVOA_X
ClientSampleId :
MW-15MS

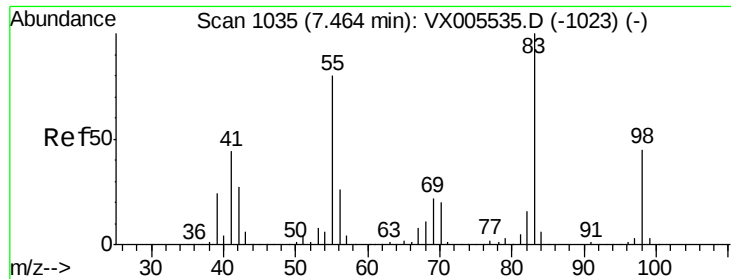
Tot Ion: 43 Resp: 186265
Ion Ratio Lower Upper
43 100
61 13.3 10.8 16.2
70 9.8 7.8 11.8



#38
Carbon Tetrachloride
Concen: 48.683 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

Tgt Ion: 117 Resp: 158077
Ion Ratio Lower Upper
117 100
119 83.6 78.1 117.1
121 26.3 24.6 36.8

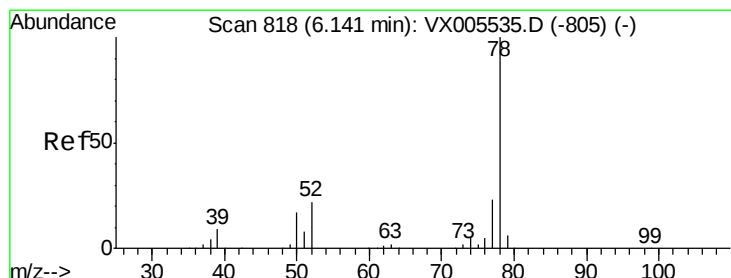
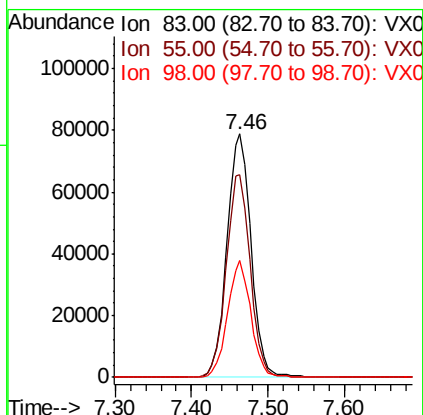
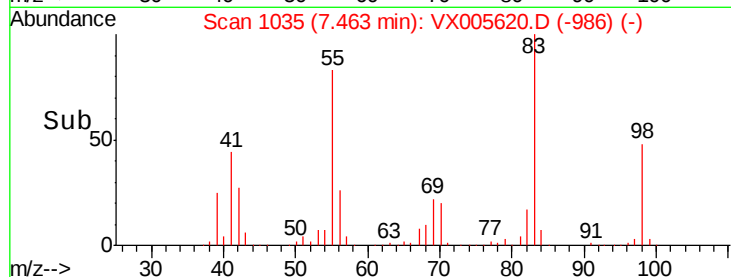
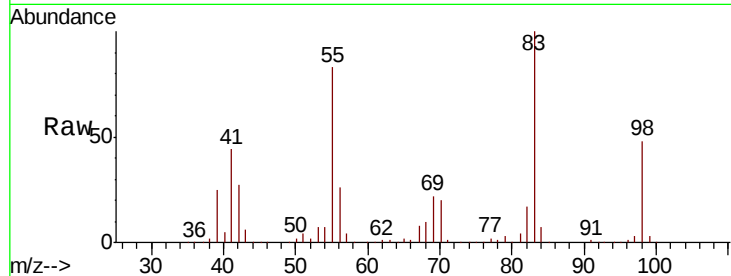




#39
Methvlcvclohexane
Concen: 50.298 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

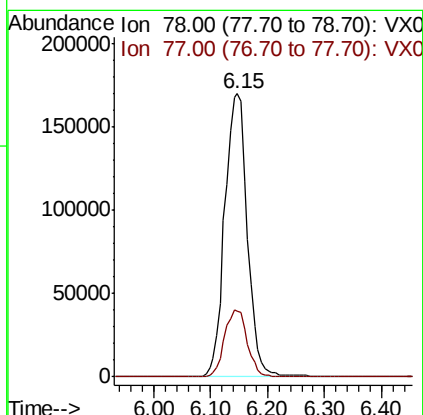
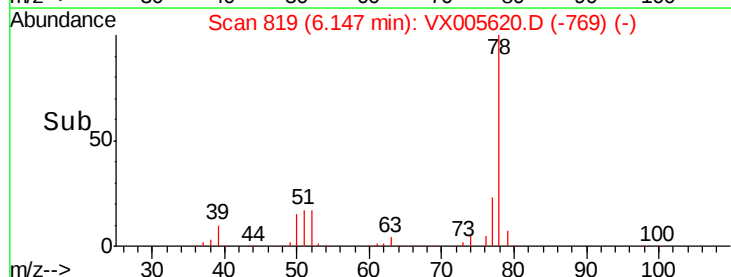
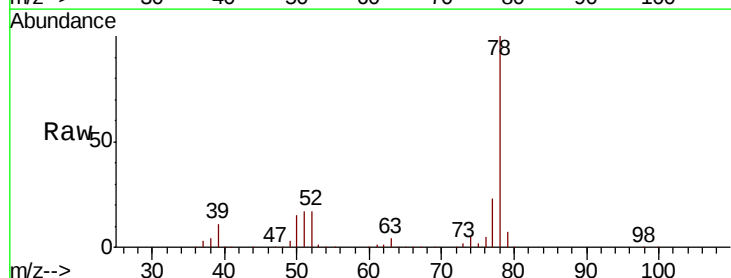
Instrument :
MSVOA_X
ClientSampleId :
MW-15MS

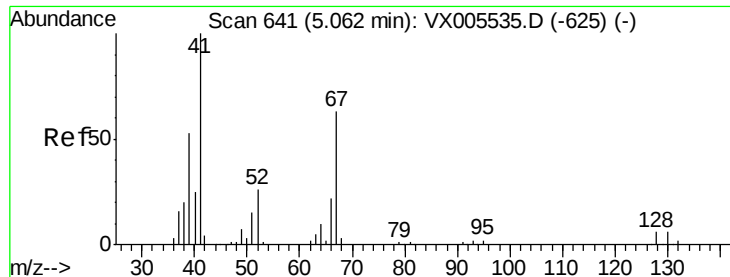
Tot Ion: 83 Resp: 171230
Ion Ratio Lower Upper
83 100
55 83.3 63.7 95.5
98 48.0 36.2 54.2



#40
Benzene
Concen: 53.264 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

Tgt Ion: 78 Resp: 470731
Ion Ratio Lower Upper
78 100
77 23.4 18.4 27.6

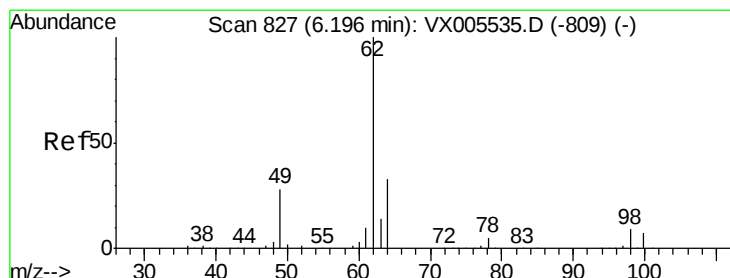
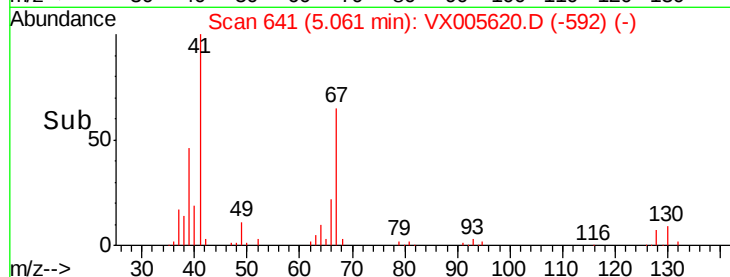
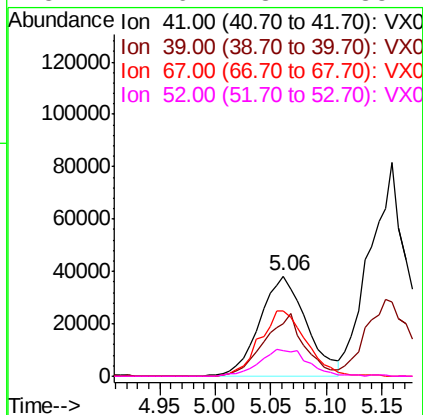
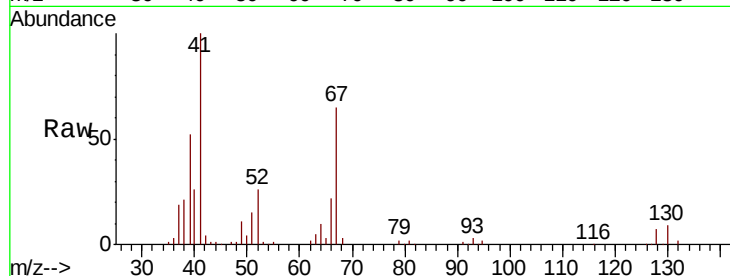




#41
Methacrylonitrile
Concen: 51.003 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

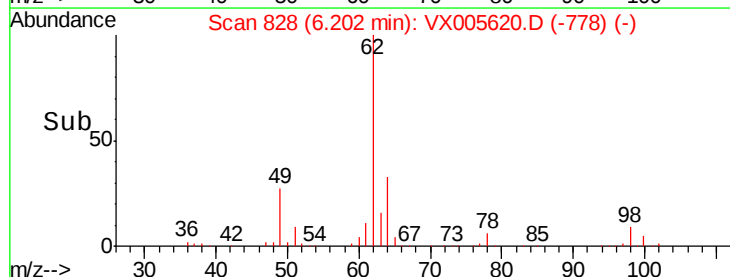
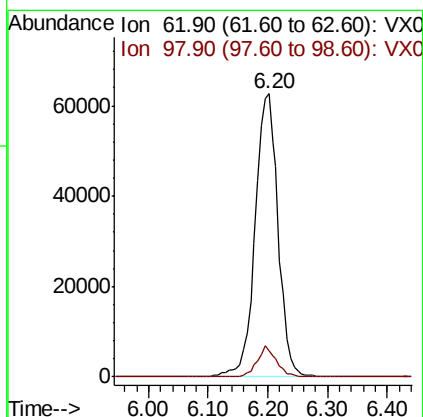
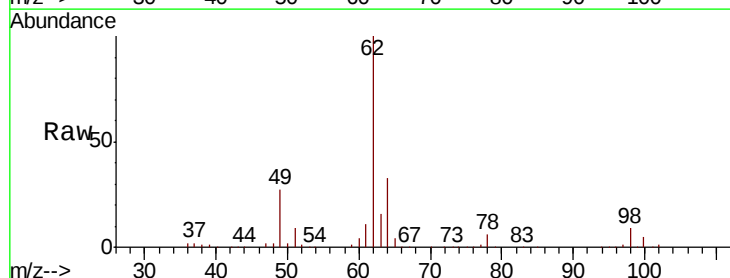
Instrument :
MSVOA_X
ClientSampleId :
MW-15MS

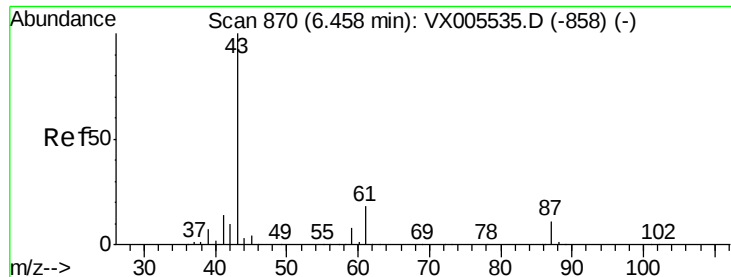
Tot Ion:	41	Resp:	111771
Ion	Ratio	Lower	Upper
41	100		
39	53.8	42.2	63.2
67	65.3	53.4	80.0
52	27.6	23.4	35.2



#42
1,2-Dichloroethane
Concen: 49.838 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

Tgt Ion:	62	Resp:	167322
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.8



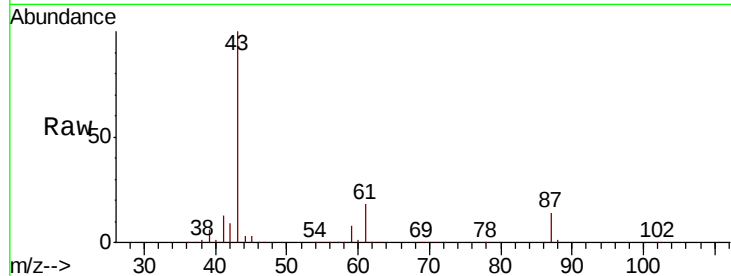


#43

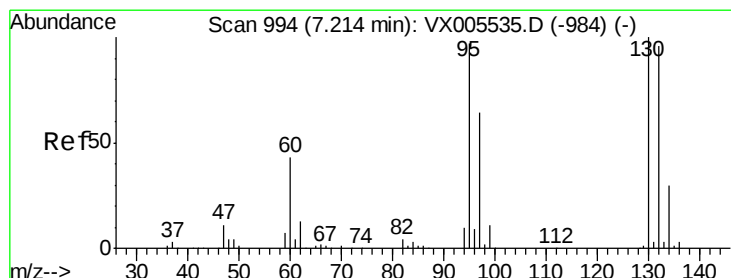
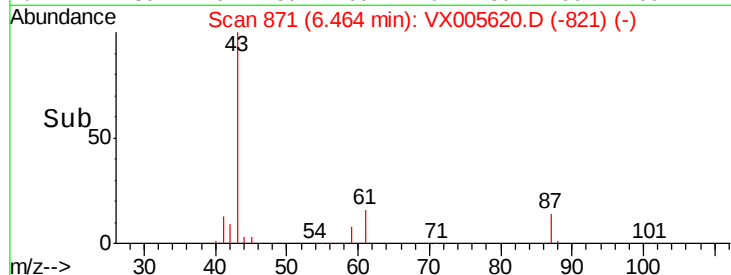
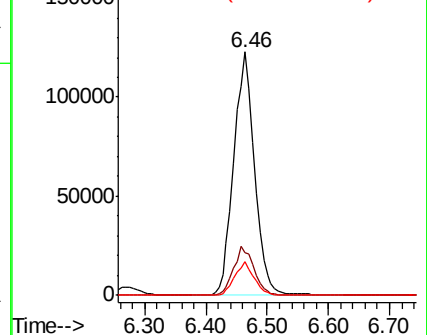
Isopropyl Acetate
 Concen: 48.603 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX005620.D
 Acq: 26 Oct 2018 22:02

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15MS

Tot Ion: 43 Resp: 286528
 Ion Ratio Lower Upper
 43 100
 61 19.8 14.6 22.0
 87 12.7 9.6 14.4



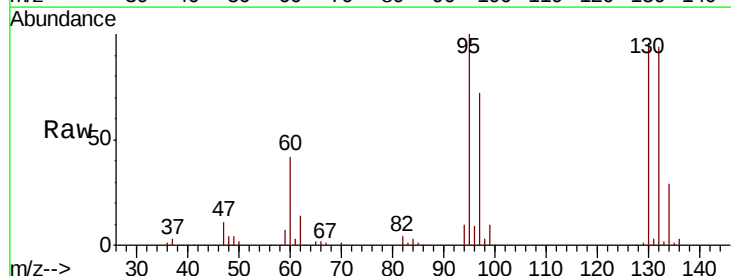
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



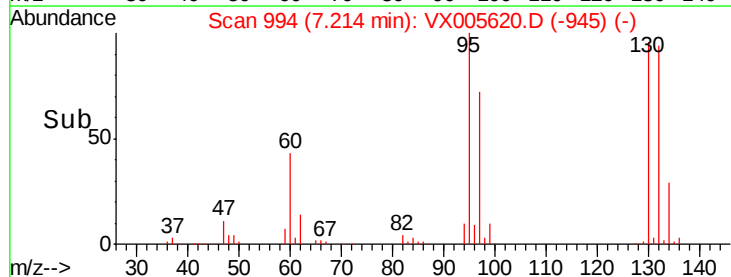
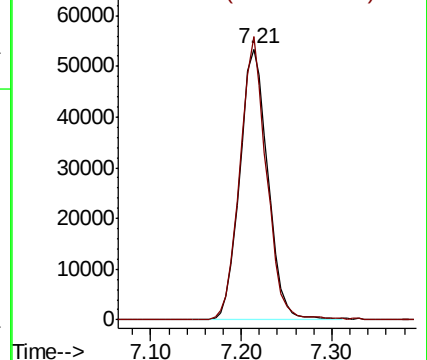
#44

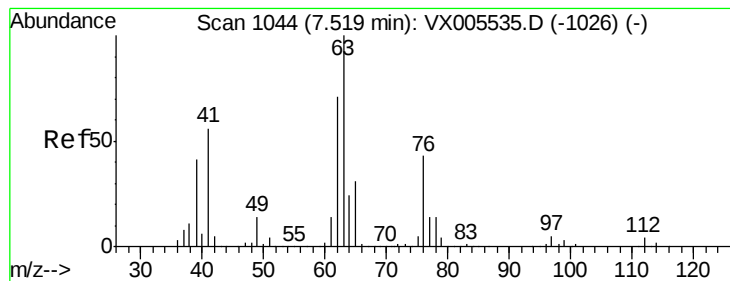
Trichloroethene
 Concen: 47.621 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX005620.D
 Acq: 26 Oct 2018 22:02

Tgt Ion:130 Resp: 114654
 Ion Ratio Lower Upper
 130 100
 95 104.5 0.0 194.2



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





#45

1,2-Dichloropropane

Concen: 50.086 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Instrument :

MSVOA_X

ClientSampleId :

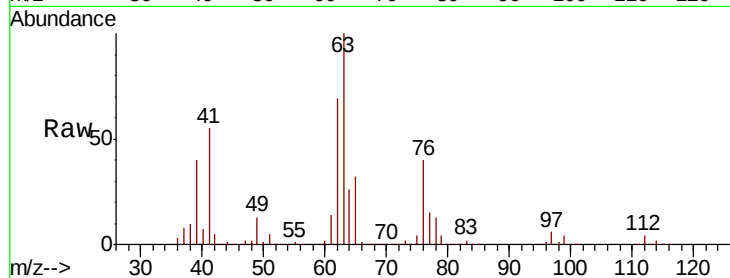
MW-15MS

Tot Ion: 63 Resp: 119006

Ion Ratio Lower Upper

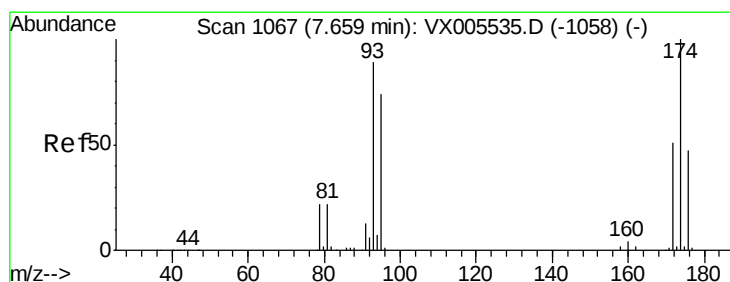
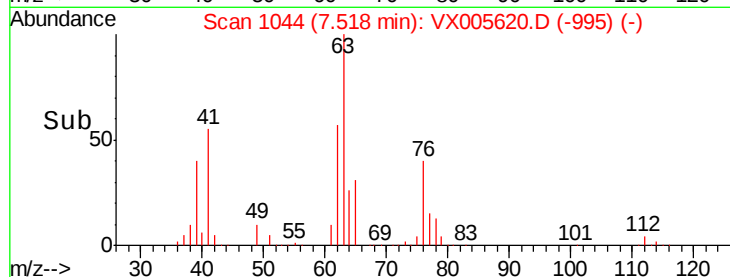
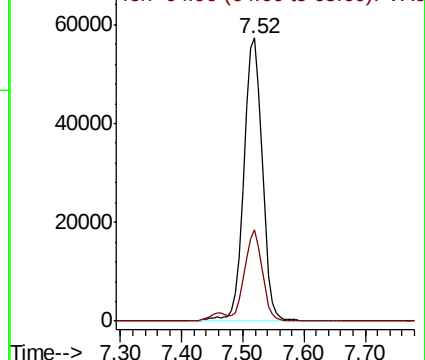
63 100

65 32.2 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: 49.230 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

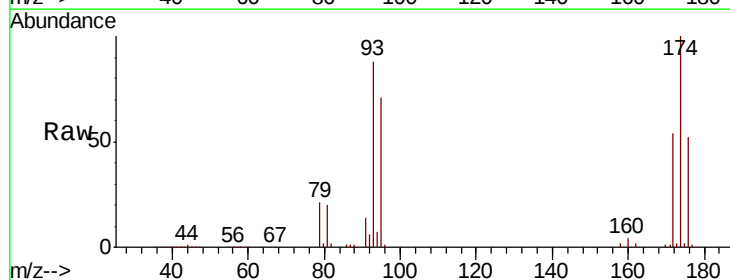
Tgt Ion: 93 Resp: 75548

Ion Ratio Lower Upper

93 100

95 82.5 67.4 101.0

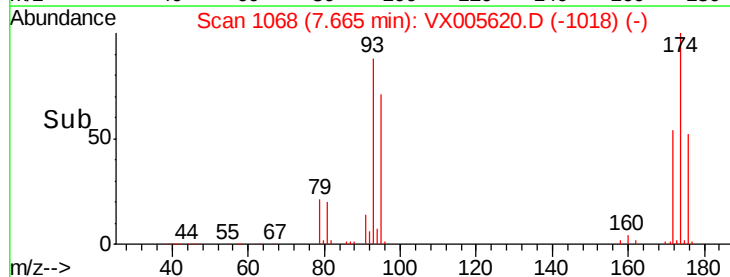
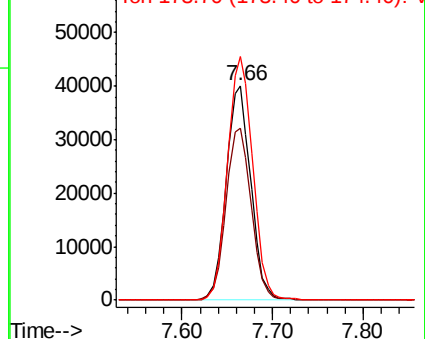
174 116.4 91.5 137.3

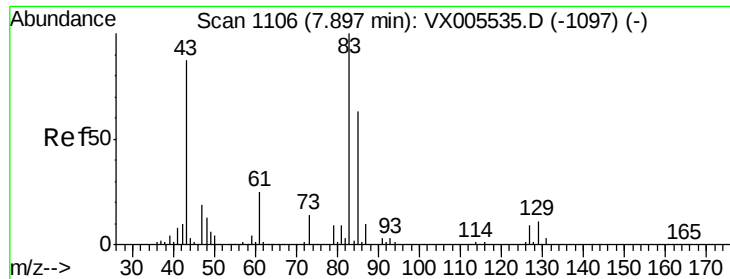


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 49.549 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Instrument :

MSVOA_X

ClientSampled :

MW-15MS

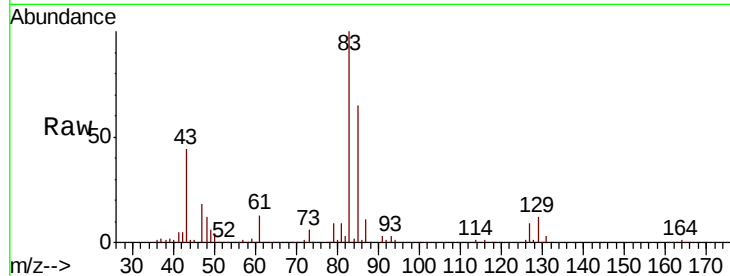
Tot Ion: 83 Resp: 147579

Ion Ratio Lower Upper

83 100

85 64.9 50.2 75.4

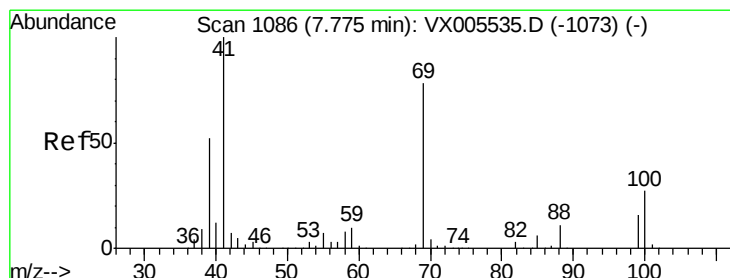
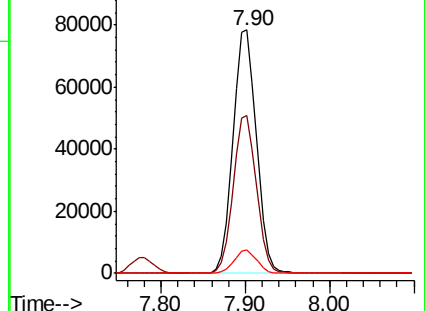
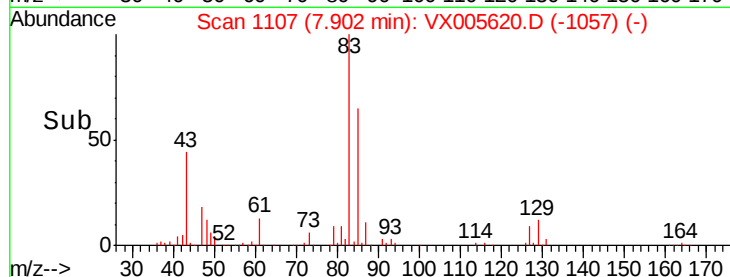
127 9.5 6.9 10.3



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: 52.419 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

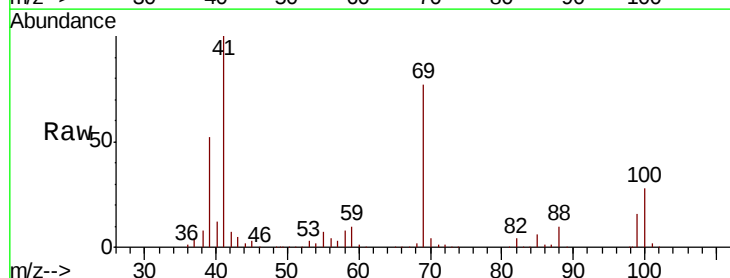
Tgt Ion: 41 Resp: 150546

Ion Ratio Lower Upper

41 100

69 78.8 63.2 94.8

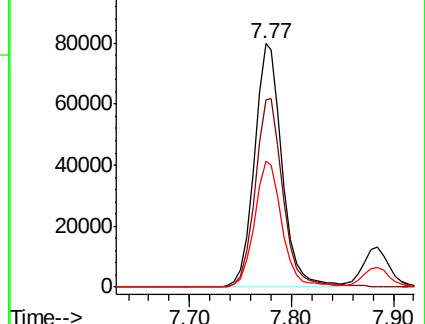
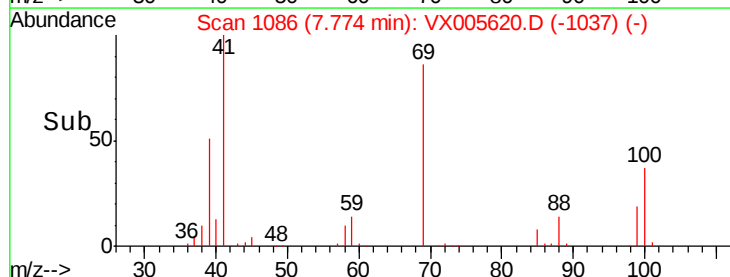
39 51.3 42.2 63.2

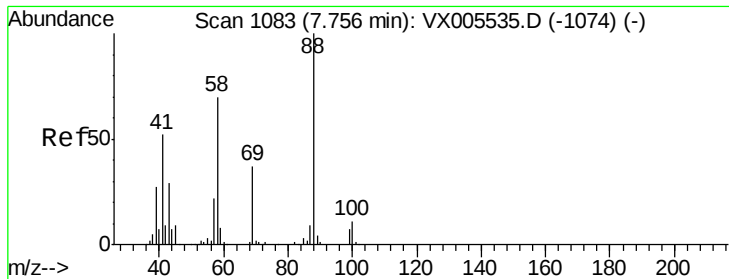


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 886.641 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.01 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Instrument :

MSVOA_X

ClientSampleId :

MW-15MS

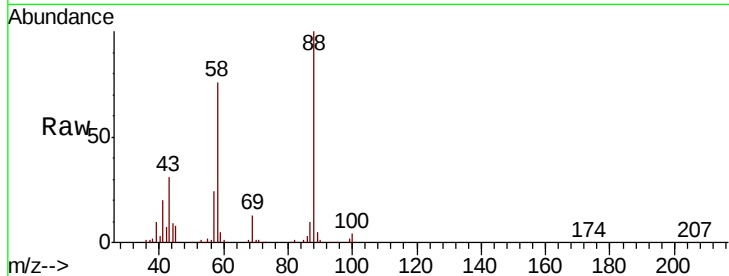
Tot Ion: 88 Resp: 55648

Ion Ratio Lower Upper

88 100

43 36.3 27.4 41.0

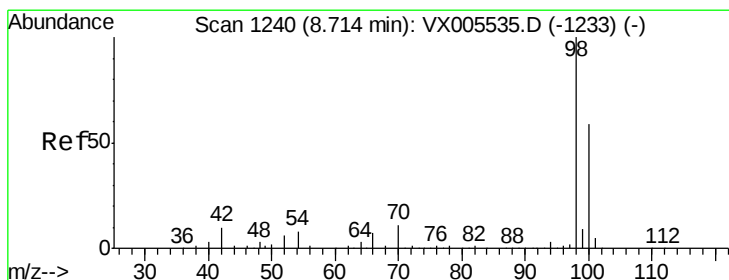
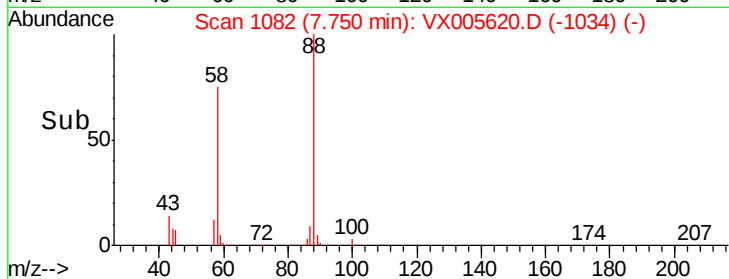
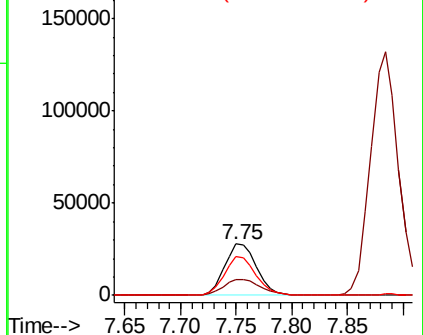
58 75.7 59.4 89.2



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: 50.731 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005620.D

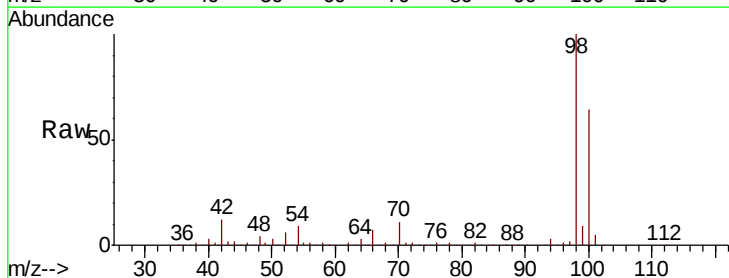
Acq: 26 Oct 2018 22:02

Tgt Ion: 98 Resp: 392115

Ion Ratio Lower Upper

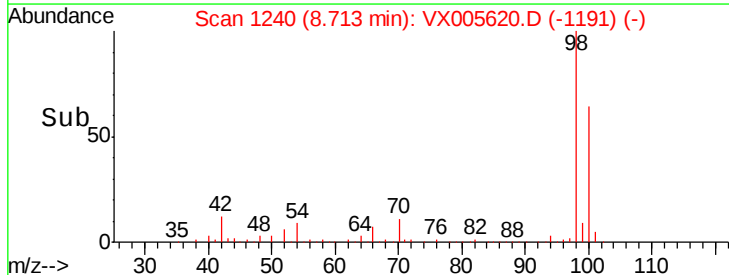
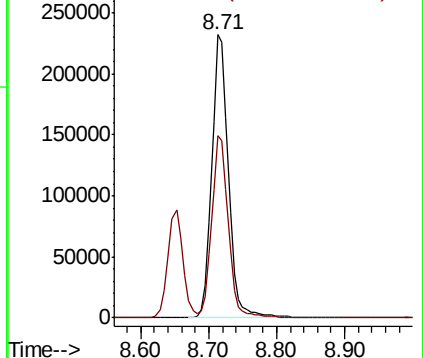
98 100

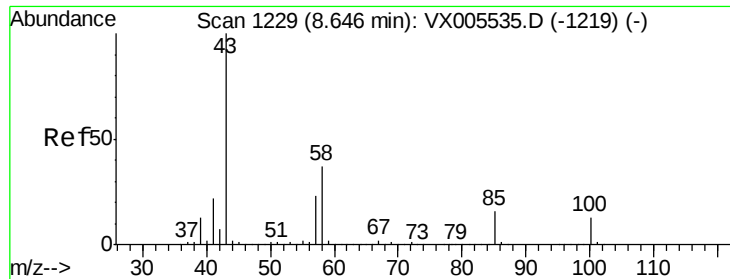
100 64.6 51.3 76.9



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: 253.139 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Instrument :

MSVOA_X

ClientSampleId :

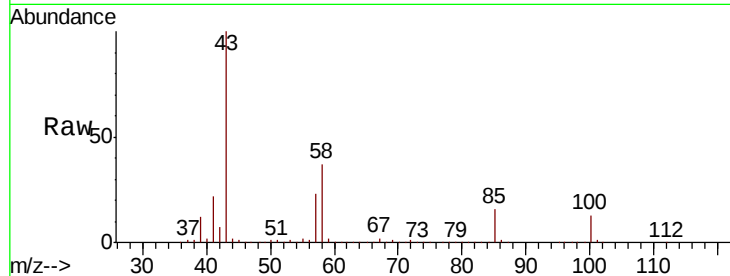
MW-15MS

Tot Ion: 43 Resp: 1002949

Ion Ratio Lower Upper

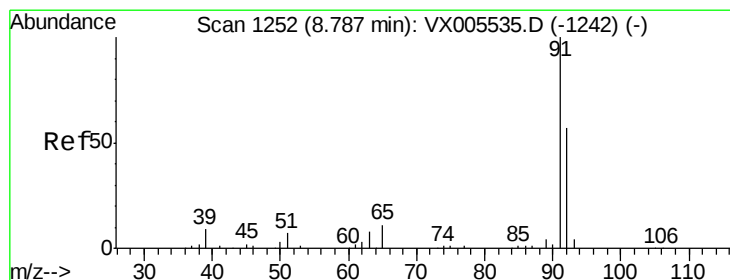
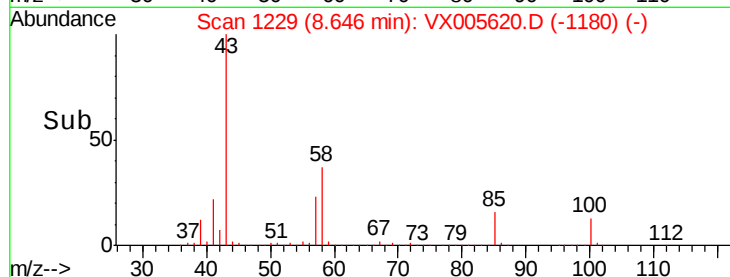
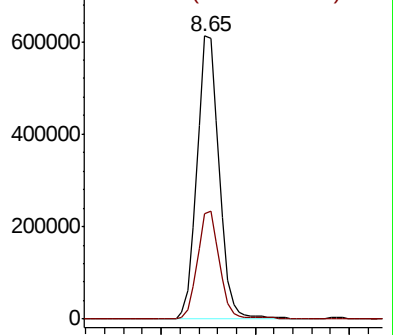
43 100

58 37.6 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 51.139 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005620.D

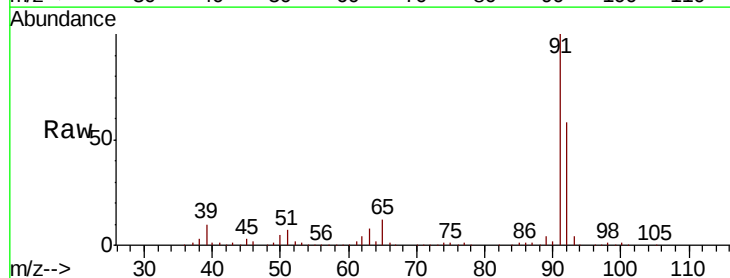
Acq: 26 Oct 2018 22:02

Tgt Ion: 92 Resp: 274671

Ion Ratio Lower Upper

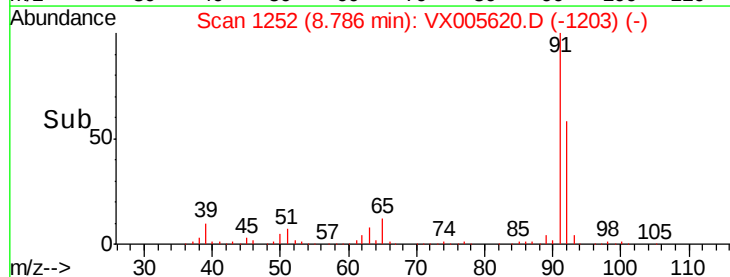
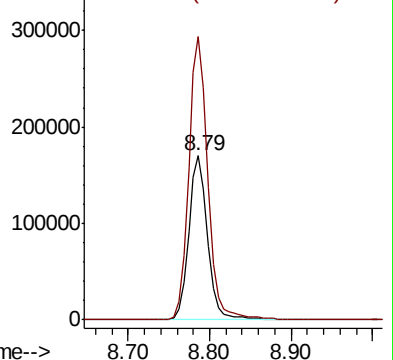
92 100

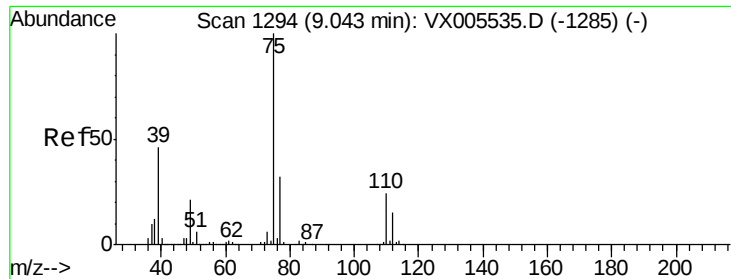
91 175.2 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

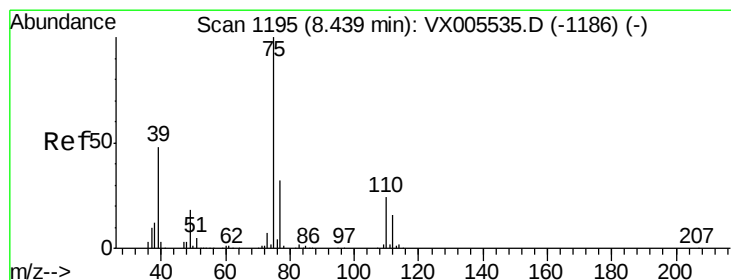
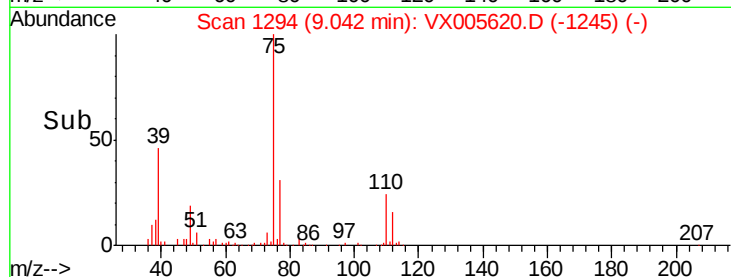
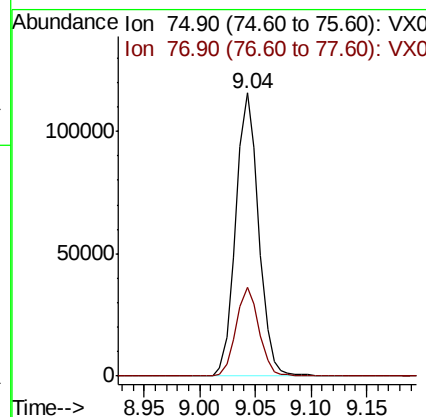
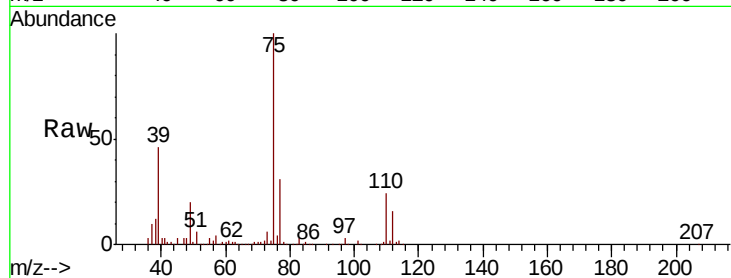




#53
t-1,3-Dichloropropene
Concen: 51.454 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

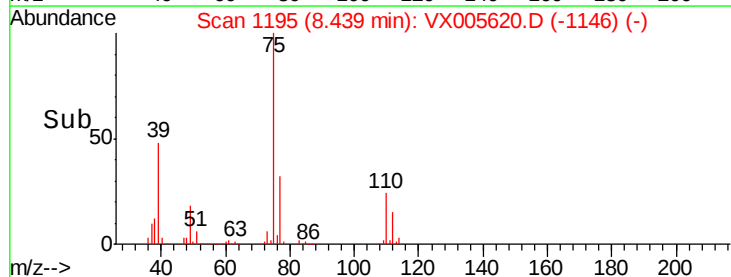
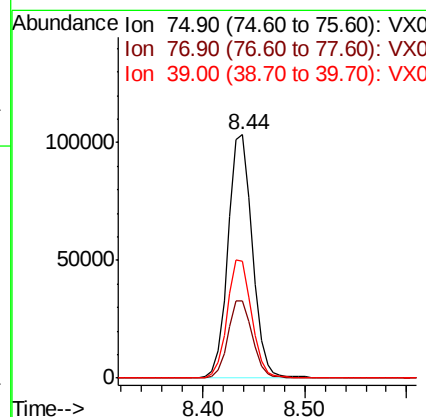
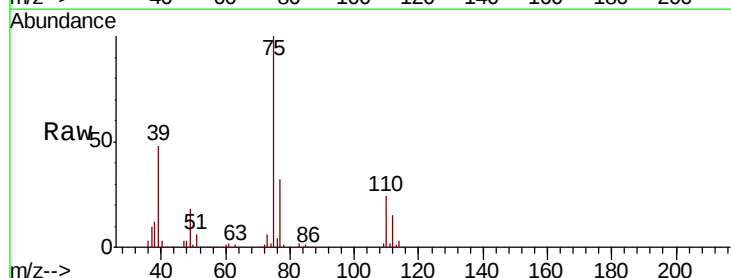
Instrument :
MSVOA_X
ClientSampleId :
MW-15MS

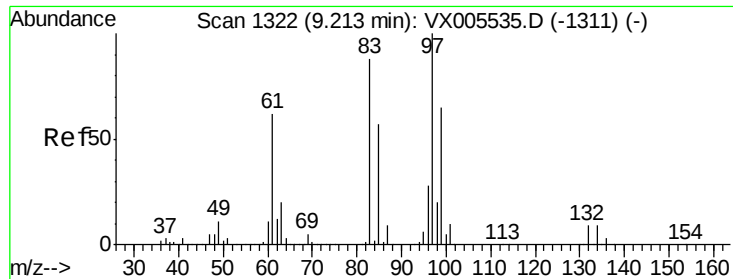
Tot Ion: 75 Resp: 165630
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 49.366 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

Tgt Ion: 75 Resp: 171088
Ion Ratio Lower Upper
75 100
77 31.7 25.2 37.8
39 47.7 38.2 57.2

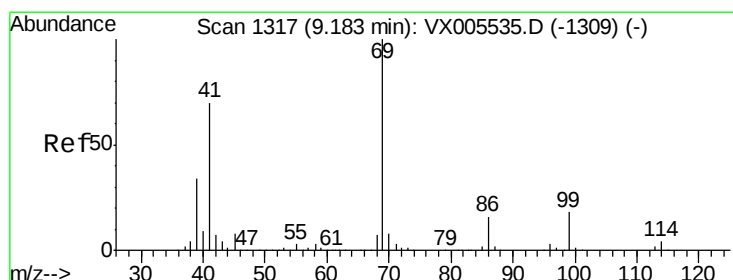
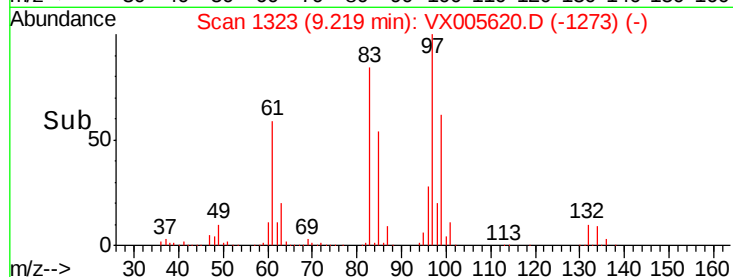
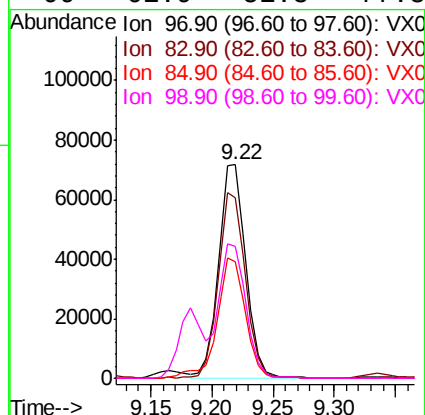
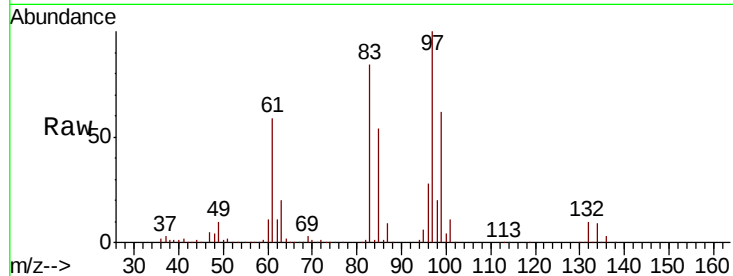




#55
 1,1,2-Trichloroethane
 Concen: 49.014 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VX005620.D
 Acq: 26 Oct 2018 22:02

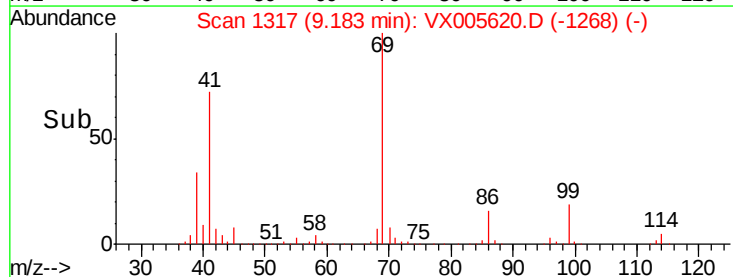
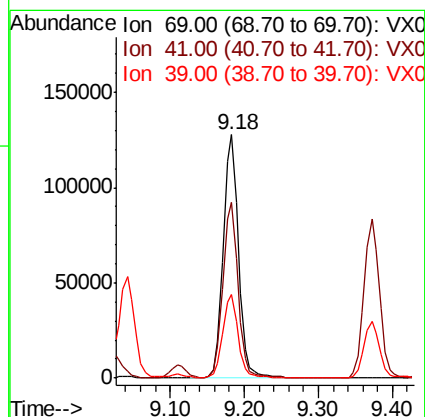
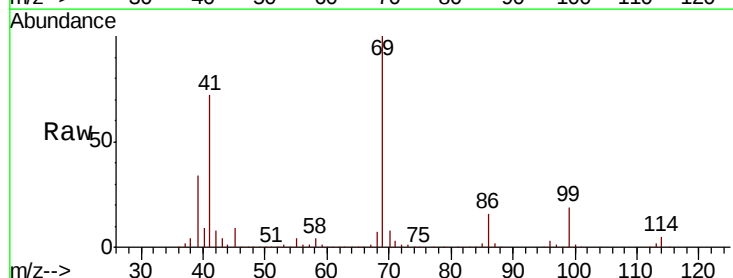
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15MS

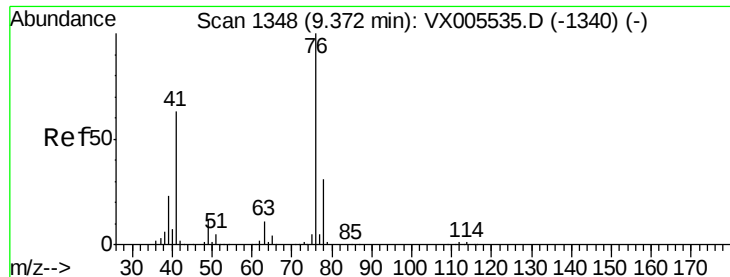
Tot Ion: 97 Resp: 110991
 Ion Ratio Lower Upper
 97 100
 83 84.2 70.7 106.1
 85 54.2 45.8 68.6
 99 61.9 51.8 77.8



#56
 Ethyl methacrylate
 Concen: 54.085 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005620.D
 Acq: 26 Oct 2018 22:02

Tgt Ion: 69 Resp: 182682
 Ion Ratio Lower Upper
 69 100
 41 71.1 57.0 85.6
 39 34.7 28.3 42.5





#57

1,3-Dichloropropane

Concen: 49.521 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Instrument :

MSVOA_X

ClientSampleId :

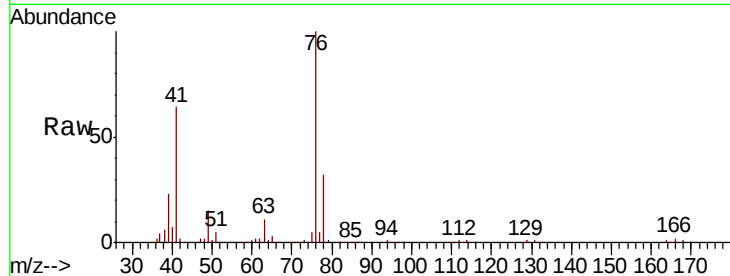
MW-15MS

Tot Ion: 76 Resp: 189746

Ion Ratio Lower Upper

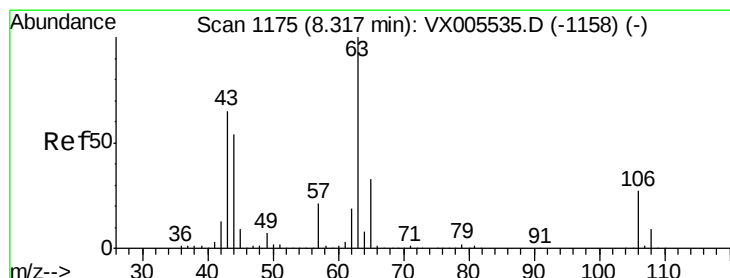
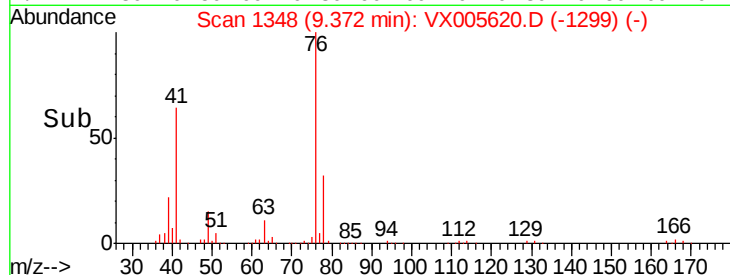
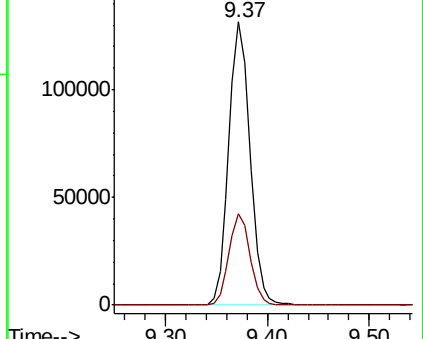
76 100

78 32.2 25.3 37.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 0.478 ug/l

RT: 8.29 min Scan# 1171

Delta R.T. -0.02 min

Lab File: VX005620.D

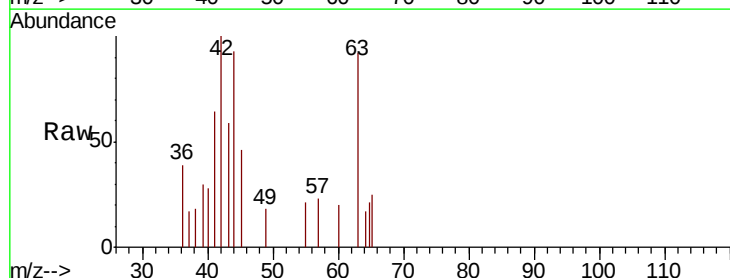
Acq: 26 Oct 2018 22:02

Tgt Ion: 63 Resp: 901

Ion Ratio Lower Upper

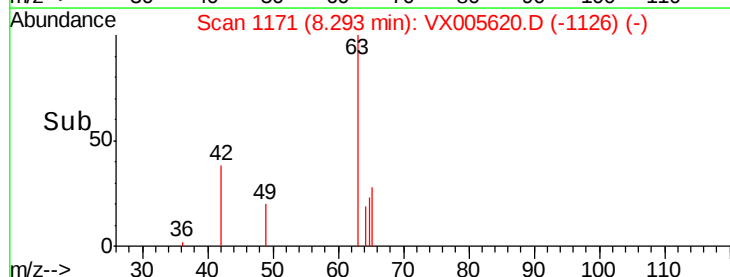
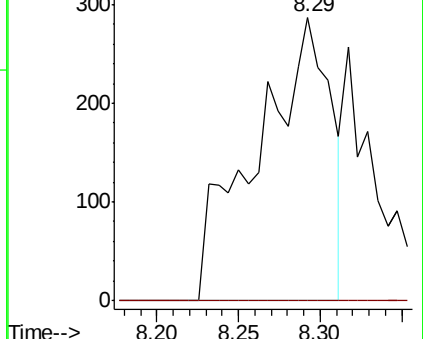
63 100

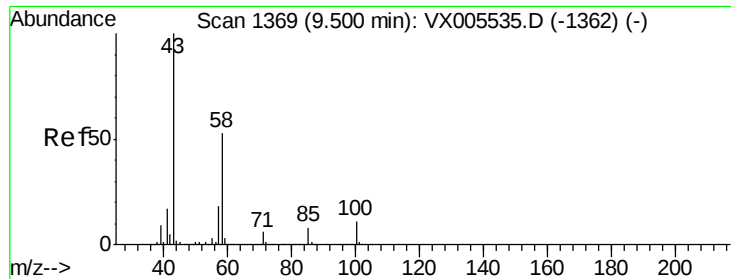
106 0.0 21.3 31.9#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

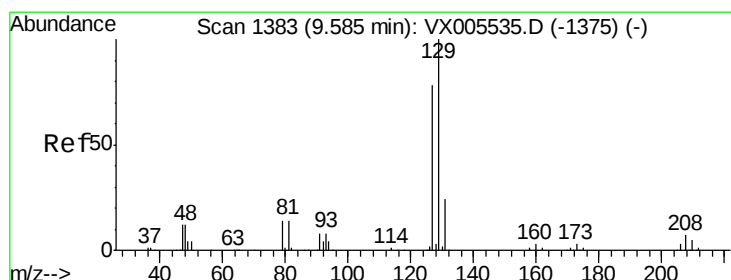
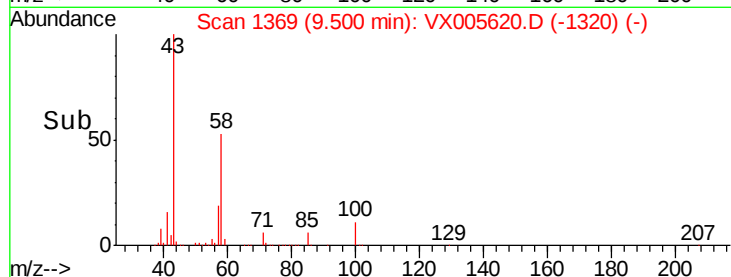
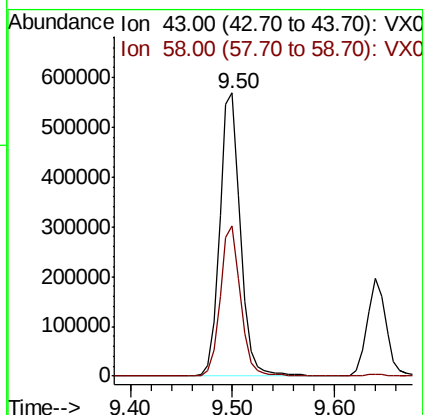
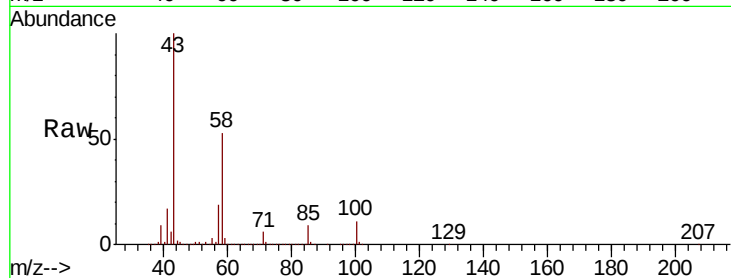




#59
2-Hexanone
Concen: 257.268 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

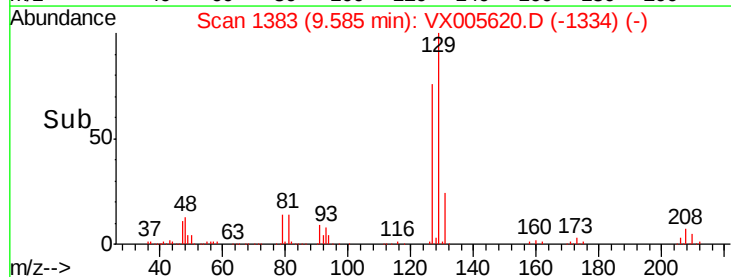
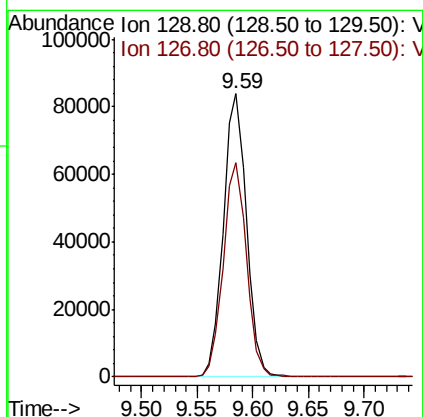
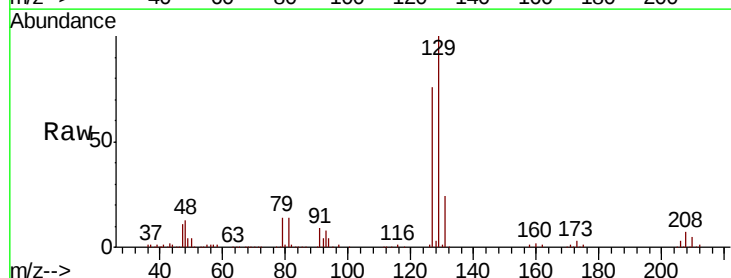
Instrument :
MSVOA_X
ClientSampleId :
MW-15MS

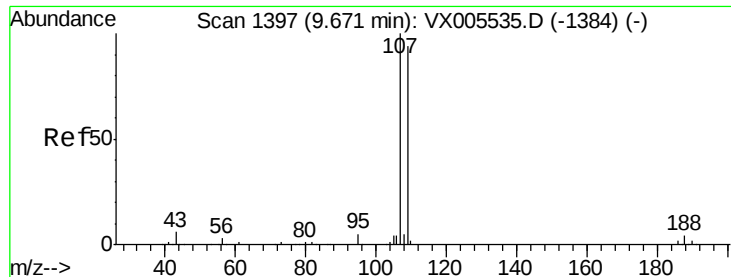
Tot Ion: 43 Resp: 803671
Ion Ratio Lower Upper
43 100
58 52.5 25.9 77.8



#60
Dibromochloromethane
Concen: 51.060 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

Tgt Ion: 129 Resp: 120637
Ion Ratio Lower Upper
129 100
127 76.0 38.9 116.7





#61

1,2-Dibromoethane

Concen: 50.619 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Instrument :

MSVOA_X

ClientSampleId :

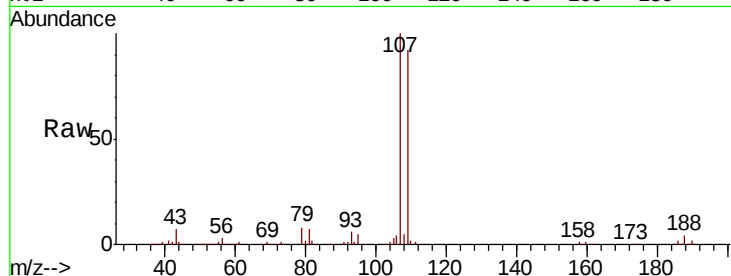
MW-15MS

Tot Ion:107 Resp: 118586

Ion Ratio Lower Upper

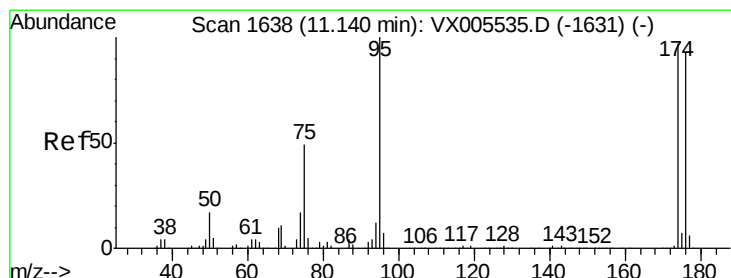
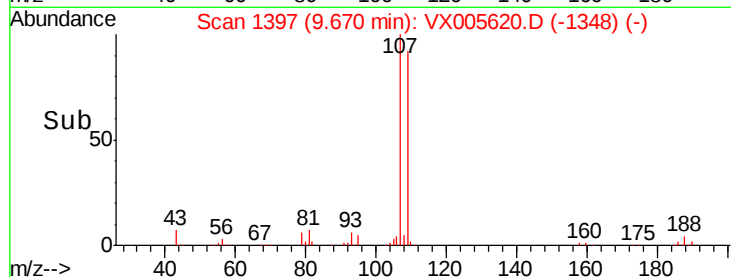
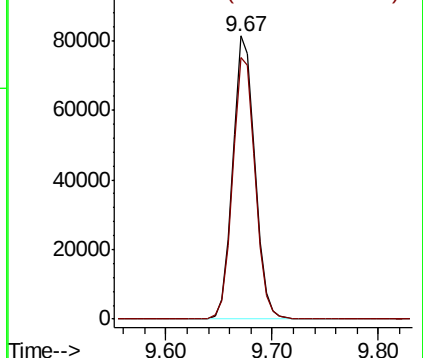
107 100

109 94.3 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: 50.762 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

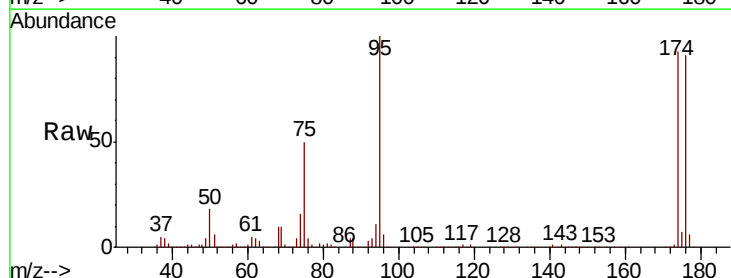
Tgt Ion: 95 Resp: 148171

Ion Ratio Lower Upper

95 100

174 91.8 0.0 184.4

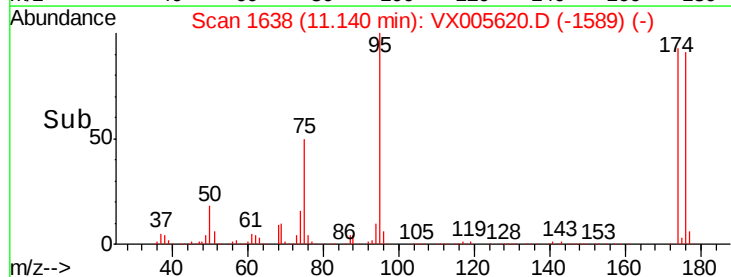
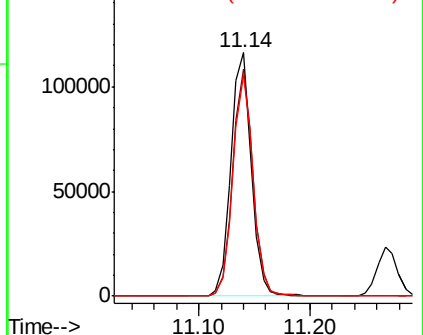
176 89.2 0.0 177.4

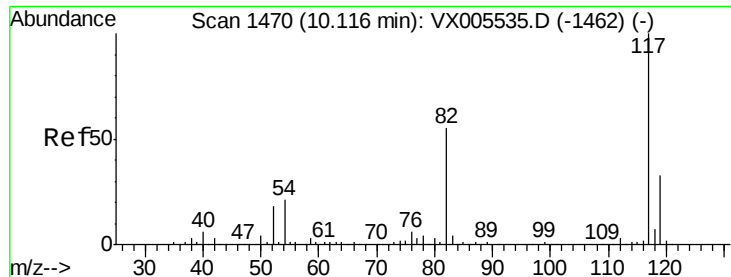


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

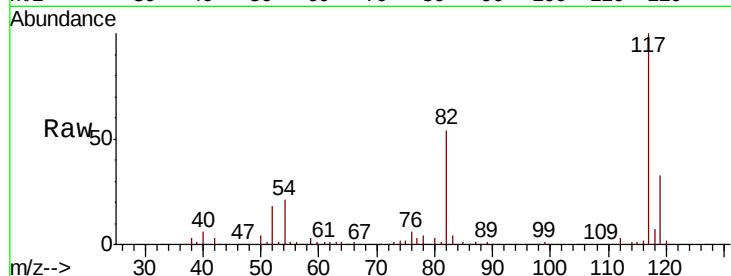




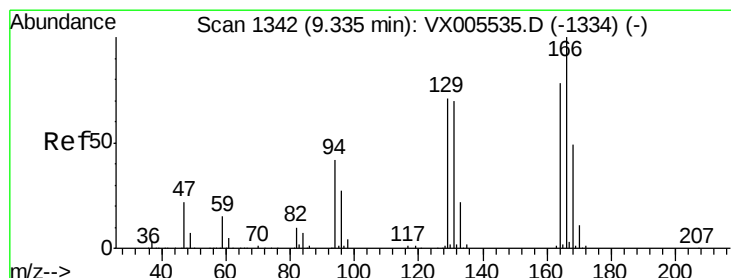
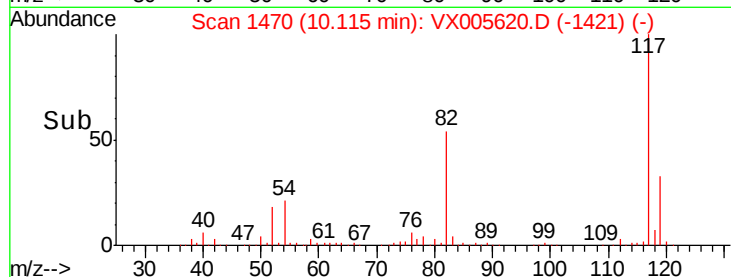
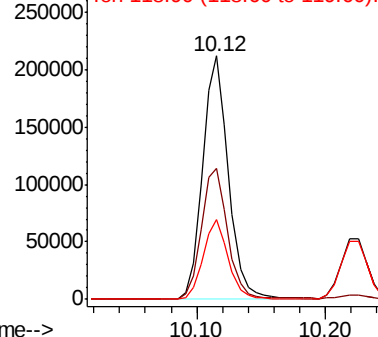
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

Instrument :
MSVOA_X
ClientSampled :
MW-15MS

Tot Ion:117 Resp: 296568
Ion Ratio Lower Upper
117 100
82 54.0 44.1 66.1
119 33.0 26.2 39.2



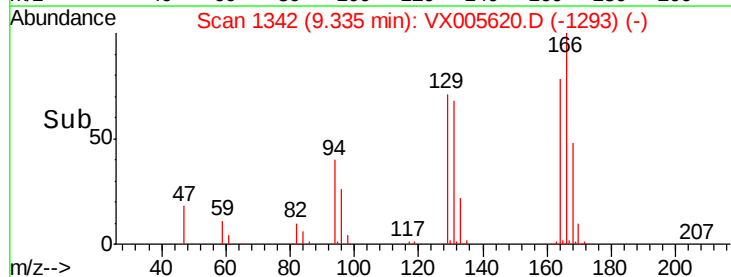
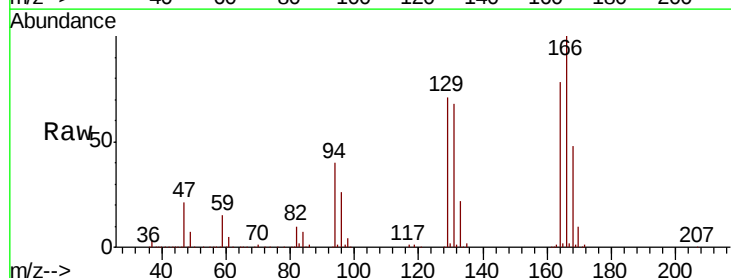
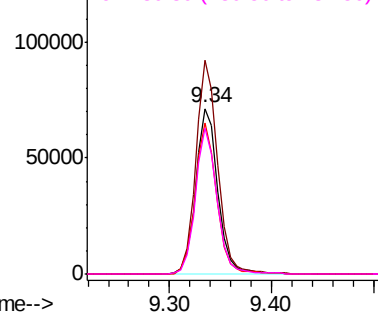
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

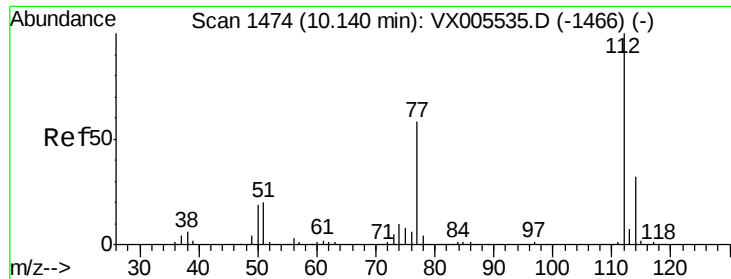


#64
Tetrachloroethene
Concen: 43.461 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

Tgt Ion:164 Resp: 106998
Ion Ratio Lower Upper
164 100
166 128.9 101.9 152.9
129 90.9 72.6 109.0
131 87.9 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

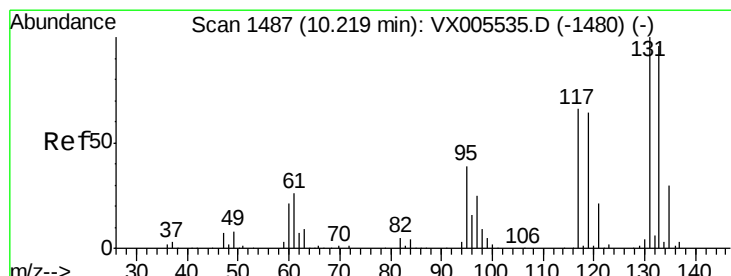
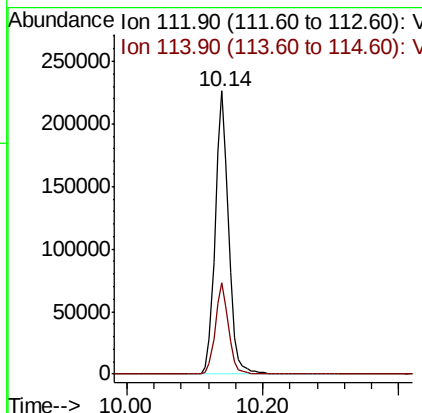
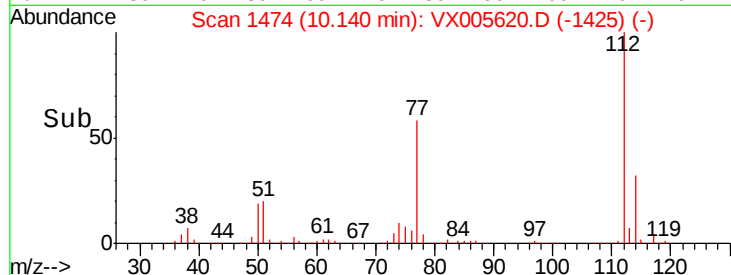
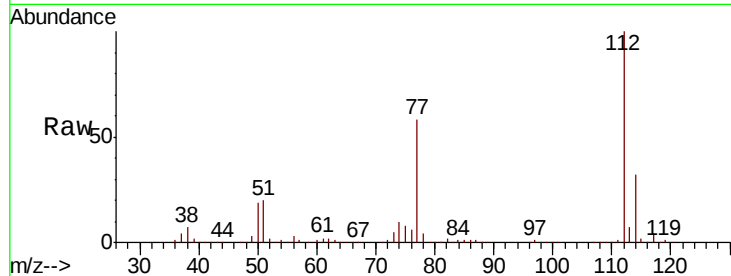




#65
Chlorobenzene
Concen: 48.821 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

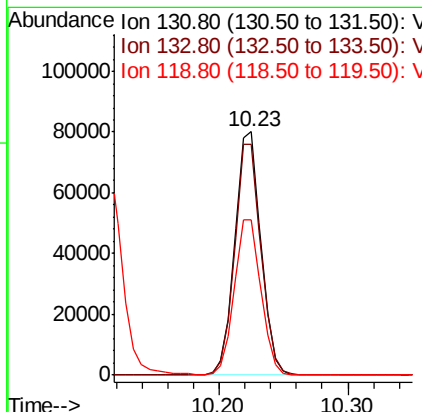
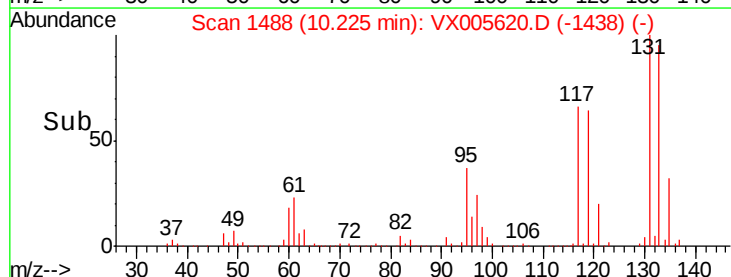
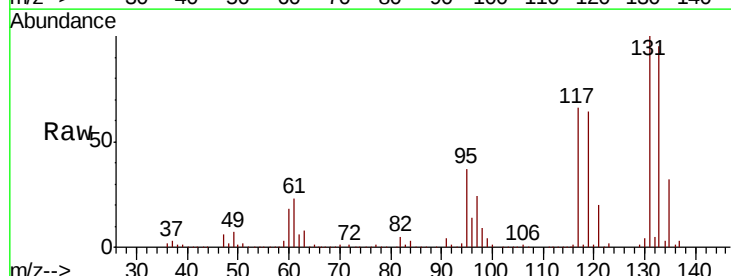
Instrument :
MSVOA_X
ClientSampled :
MW-15MS

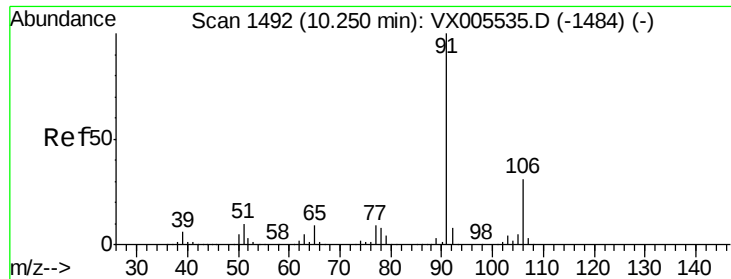
Tot Ion:112 Resp: 308317
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.019 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

Tgt Ion:131 Resp: 112878
Ion Ratio Lower Upper
131 100
133 95.5 47.5 142.5
119 65.4 31.8 95.3

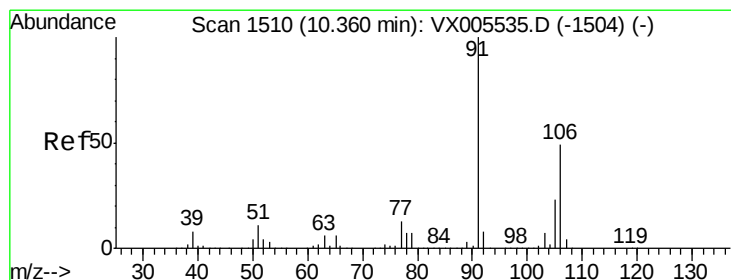
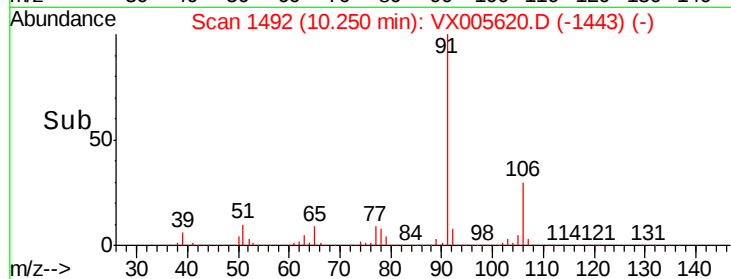
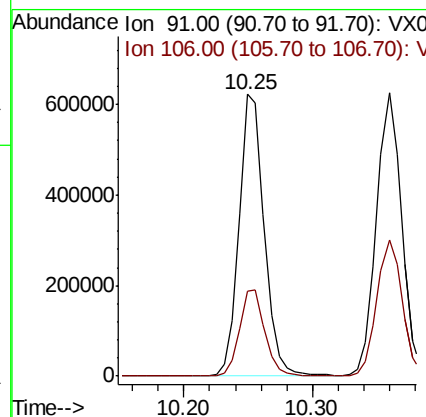
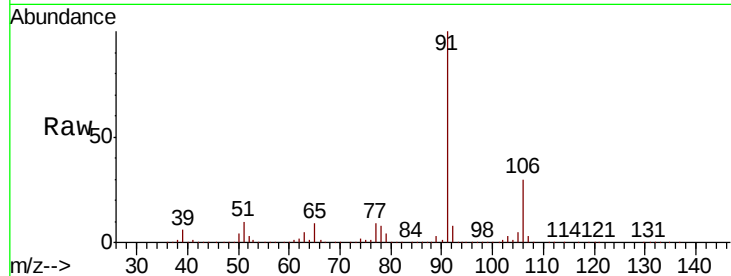




#67
Ethyl Benzene
Concen: 82.048 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

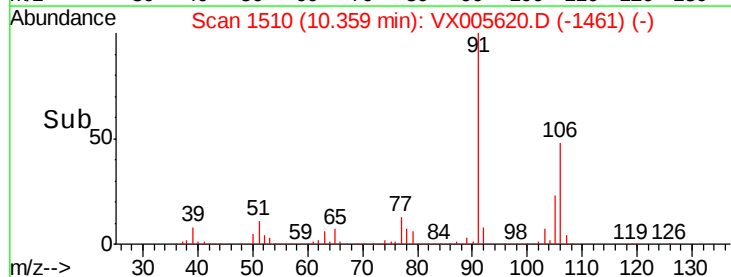
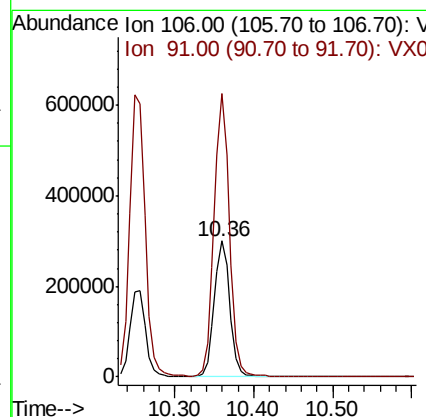
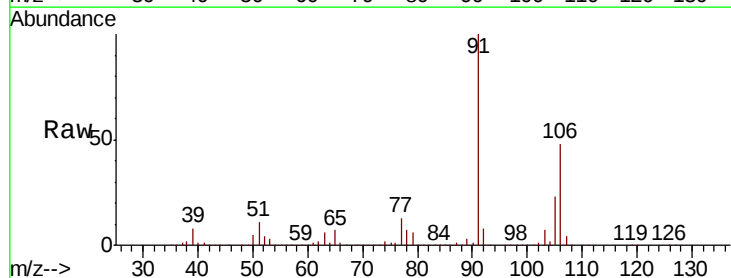
Instrument :
MSVOA_X
ClientSampleId :
MW-15MS

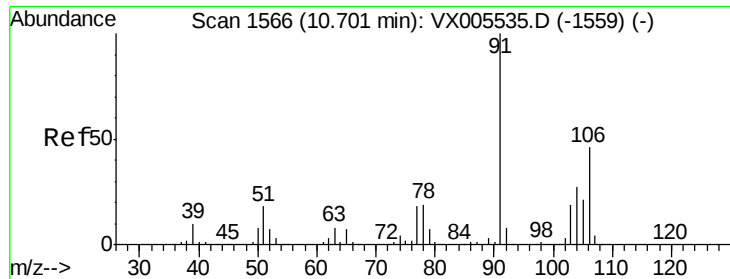
Tot Ion: 91 Resp: 852513
Ion Ratio Lower Upper
91 100
106 30.3 24.4 36.6



#68
m/p-Xylenes
Concen: 102.419 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

Tgt Ion: 106 Resp: 412869
Ion Ratio Lower Upper
106 100
91 205.7 164.2 246.4

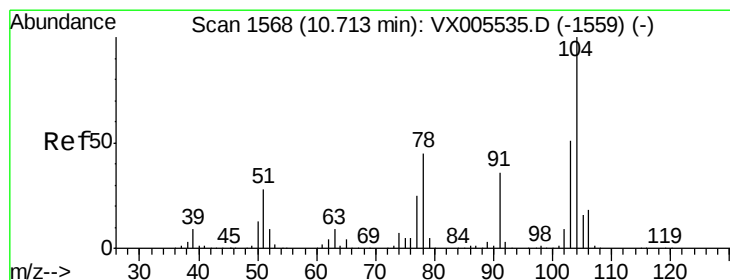
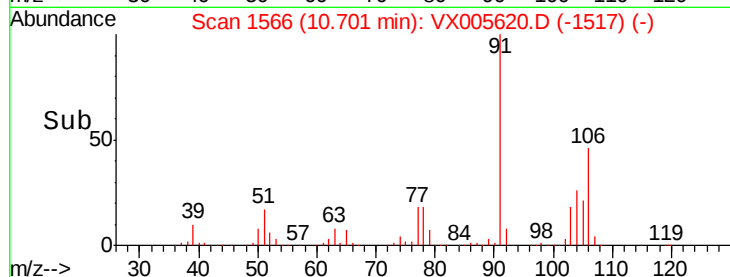
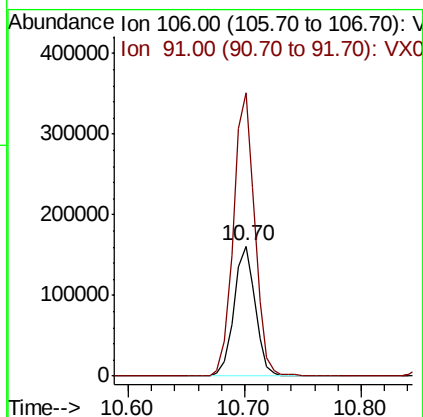
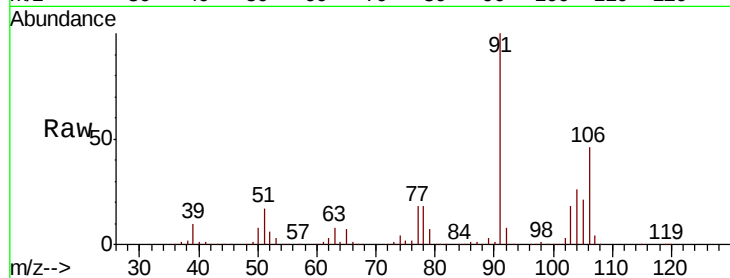




#69
o-Xylene
Concen: 54.217 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

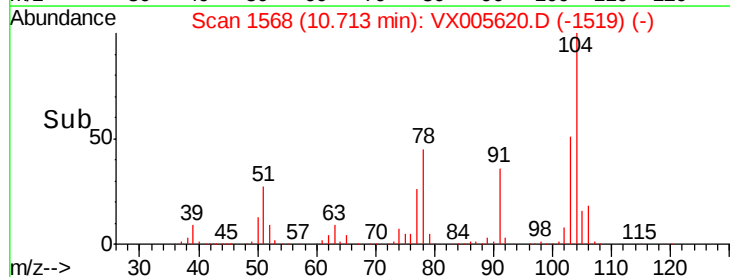
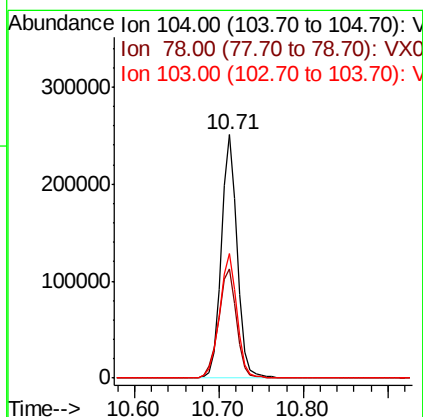
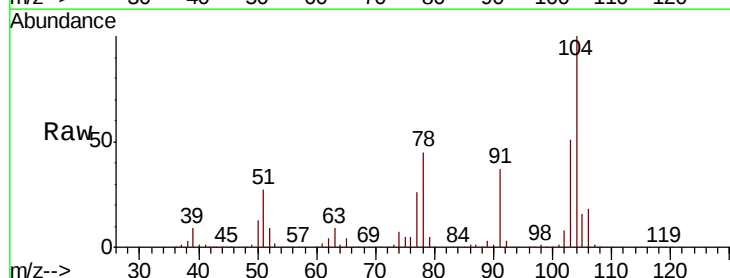
Instrument :
MSVOA_X
ClientSampleId :
MW-15MS

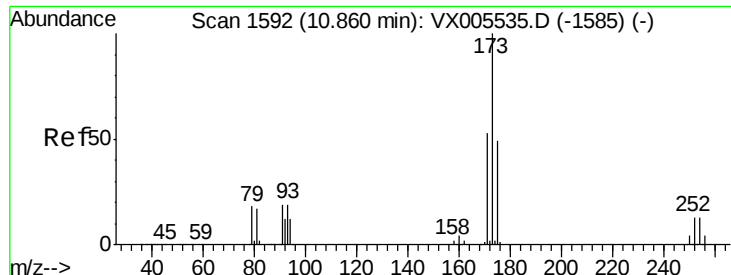
Tot Ion:106 Resp: 205624
Ion Ratio Lower Upper
106 100
91 218.2 108.5 325.5



#70
Styrene
Concen: 51.692 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

Tgt Ion:104 Resp: 328190
Ion Ratio Lower Upper
104 100
78 51.0 40.2 60.4
103 56.0 44.9 67.3

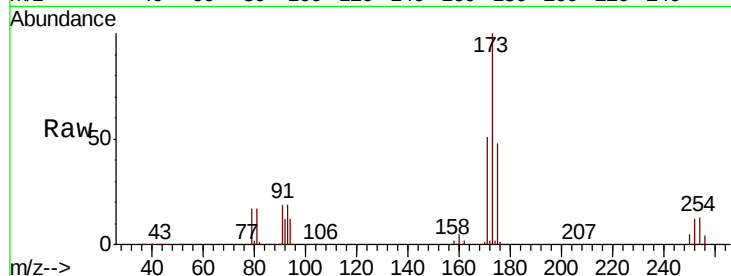




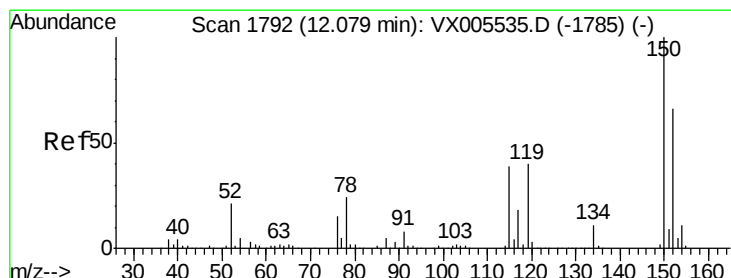
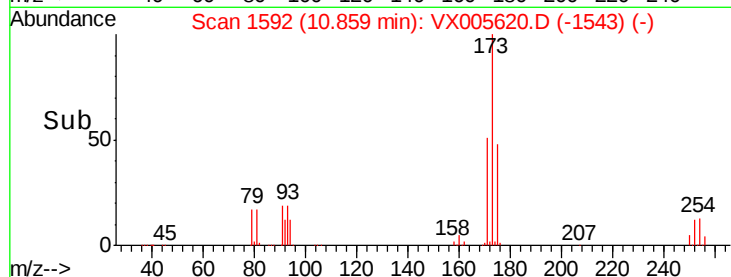
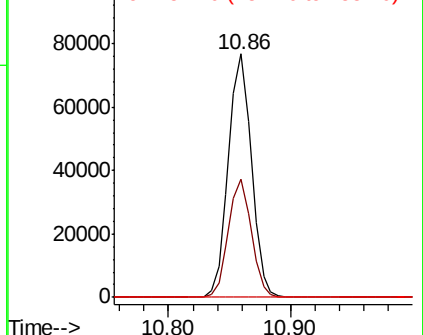
#71
Bromoform
Concen: 48.943 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

Instrument :
MSVOA_X
ClientSampleId :
MW-15MS

Tot Ion:173 Resp: 100568
Ion Ratio Lower Upper
173 100
175 48.2 24.8 74.3
254 0.2 0.2 0.2

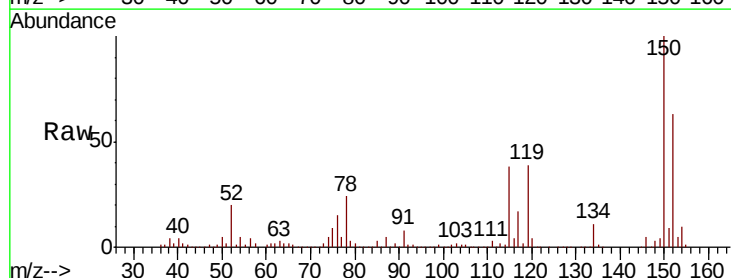


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

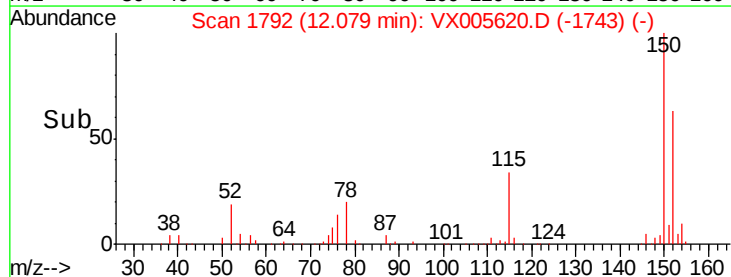
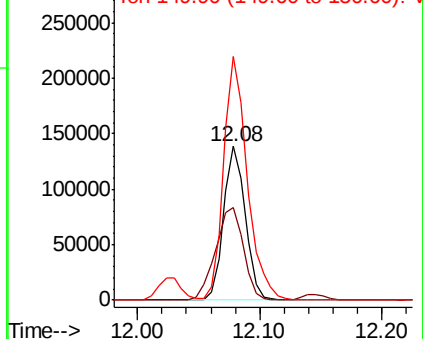


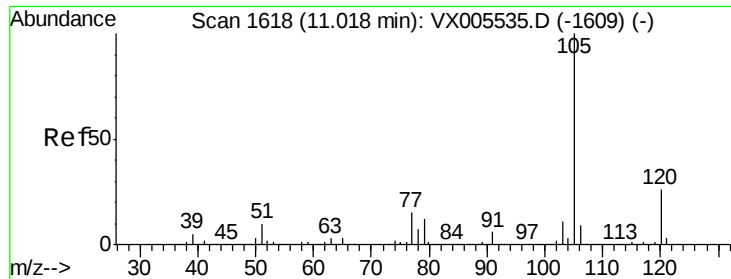
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

Tgt Ion:152 Resp: 169155
Ion Ratio Lower Upper
152 100
115 78.1 39.4 118.1
150 174.2 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: 80.554 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Instrument :

MSVOA_X

ClientSampleId :

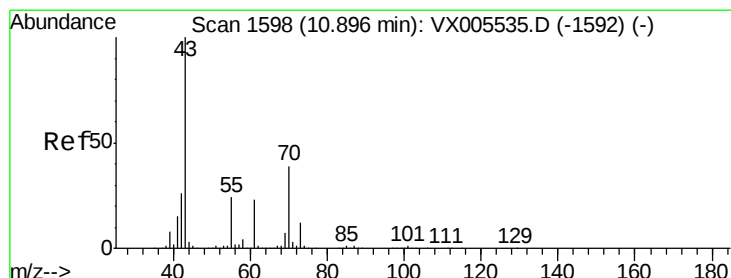
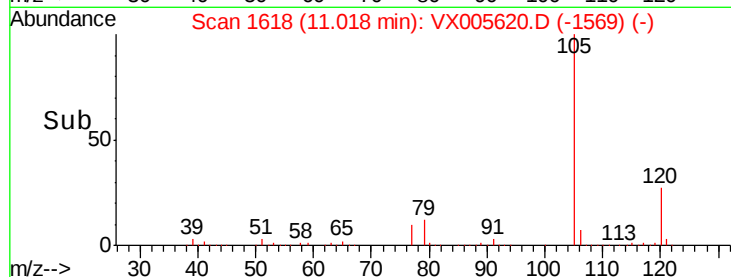
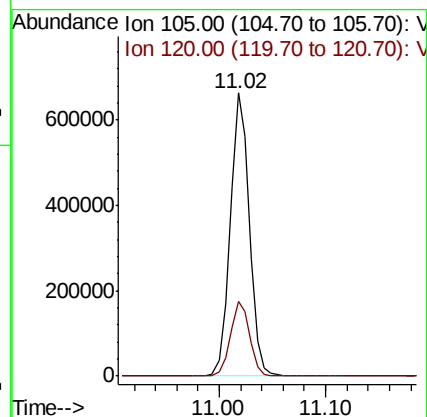
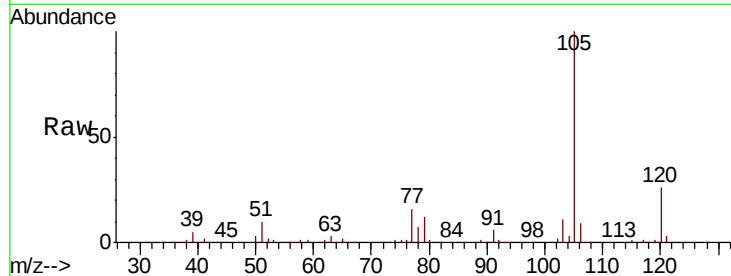
MW-15MS

Tot Ion:105 Resp: 832944

Ion Ratio Lower Upper

105 100

120 26.5 13.1 39.3



#74

N-ethyl acetate

Concen: 48.815 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Tgt Ion: 43 Resp: 250108

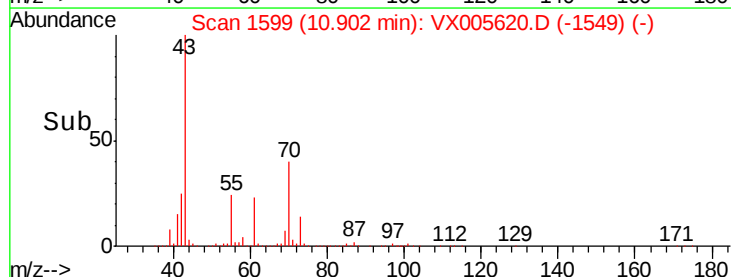
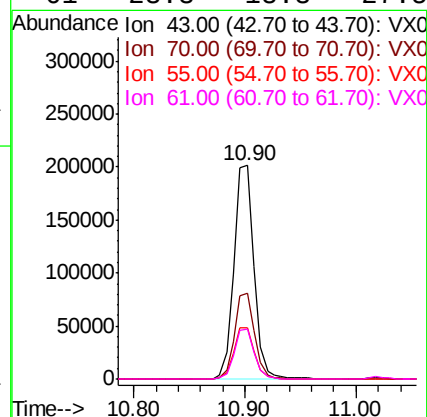
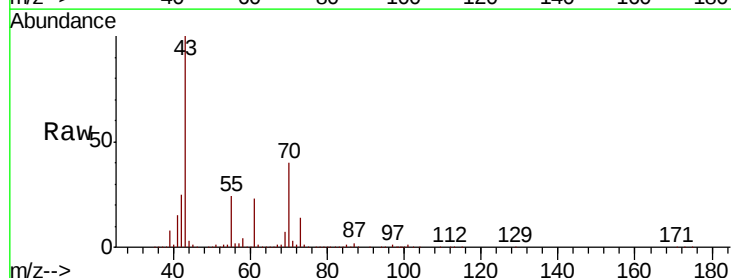
Ion Ratio Lower Upper

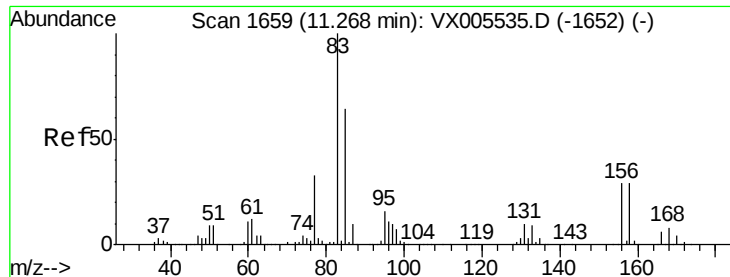
43 100

70 39.8 31.6 47.4

55 24.7 19.7 29.5

61 23.3 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 49.890 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Instrument :

MSVOA_X

ClientSampleId :

MW-15MS

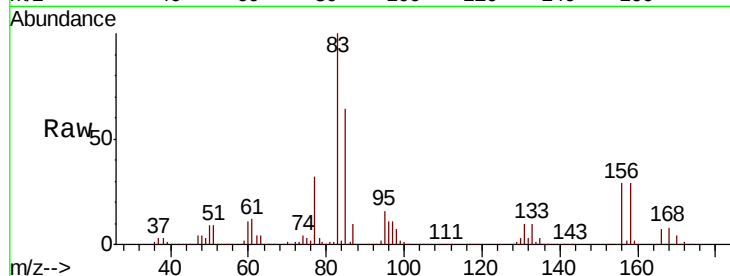
Tot Ion: 83 Resp: 190321

Ion Ratio Lower Upper

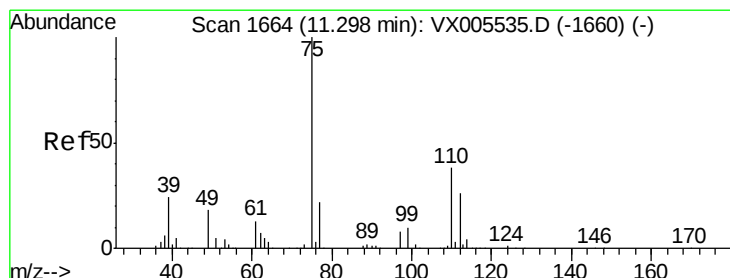
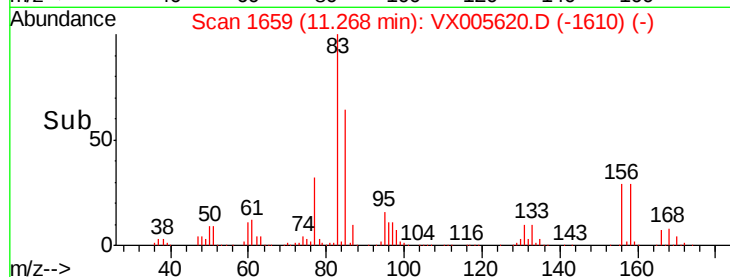
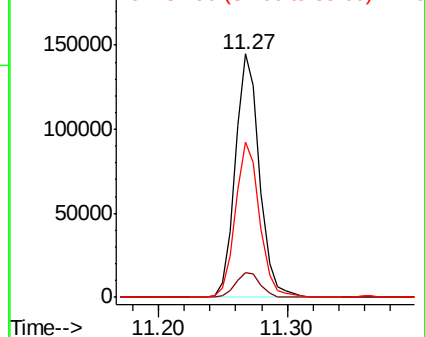
83 100

131 10.5 5.3 15.9

85 63.9 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 60.828 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005620.D

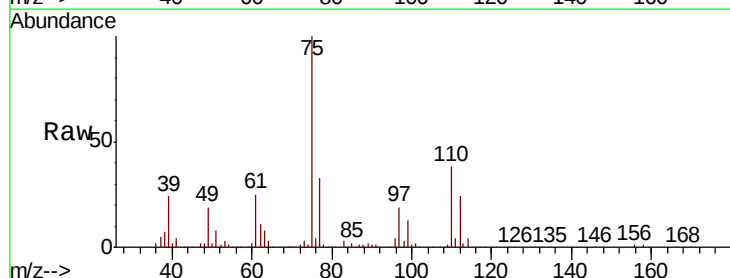
Acq: 26 Oct 2018 22:02

Tgt Ion: 75 Resp: 218008

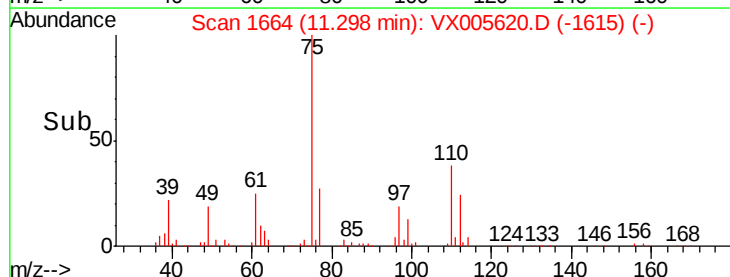
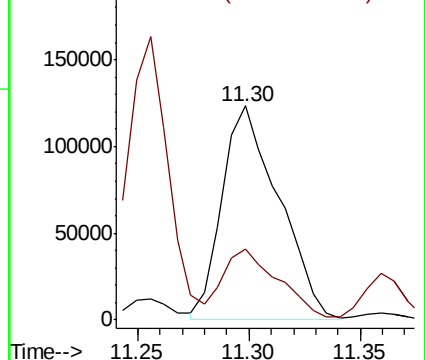
Ion Ratio Lower Upper

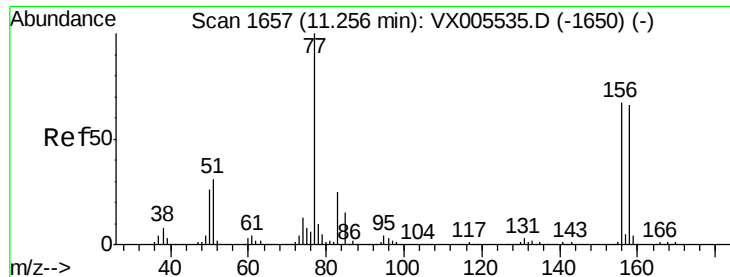
75 100

77 32.3 20.5 61.6



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





#77

Bromobenzene

Concen: 50.188 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Instrument :

MSVOA_X

ClientSampleId :

MW-15MS

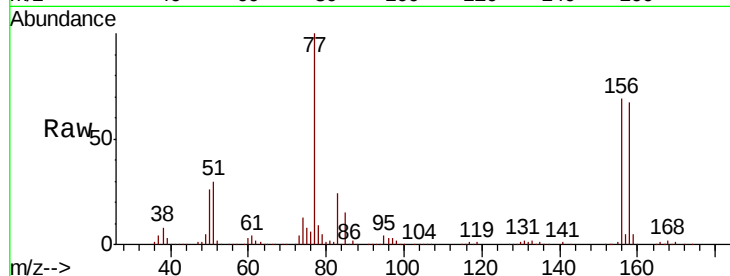
Tot Ion:156 Resp: 144627

Ion Ratio Lower Upper

156 100

77 145.6 74.8 224.4

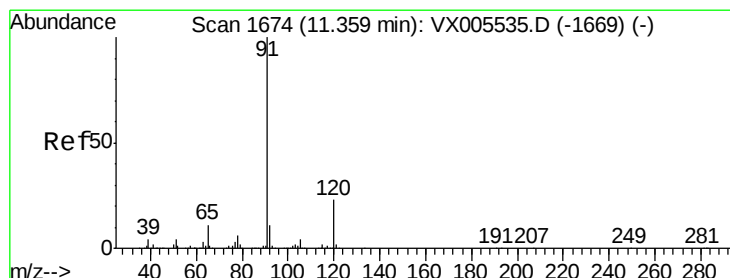
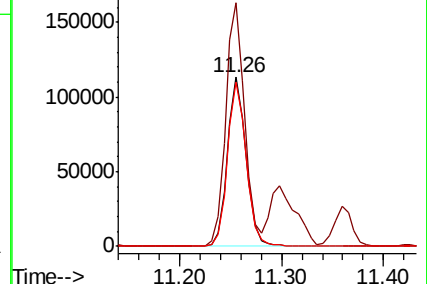
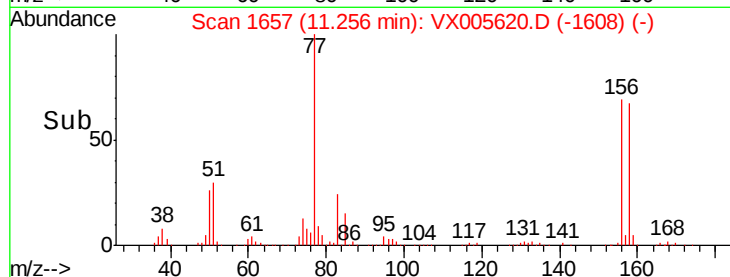
158 97.6 49.1 147.3



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: 70.218 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005620.D

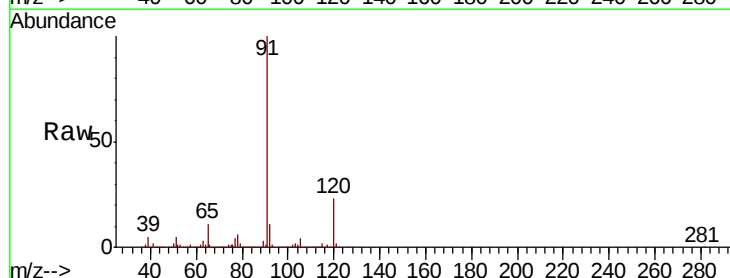
Acq: 26 Oct 2018 22:02

Tgt Ion: 91 Resp: 830222

Ion Ratio Lower Upper

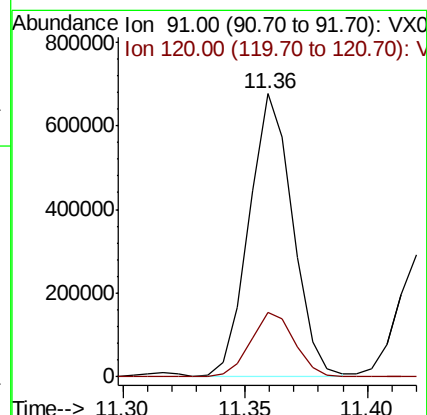
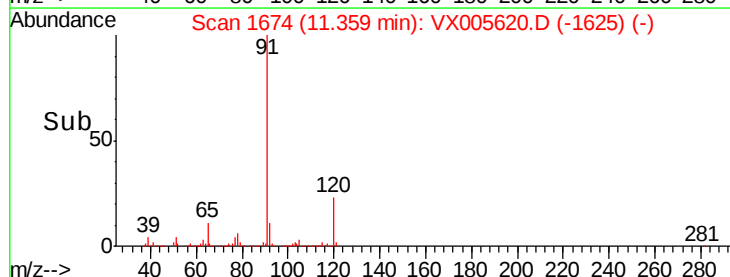
91 100

120 23.4 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

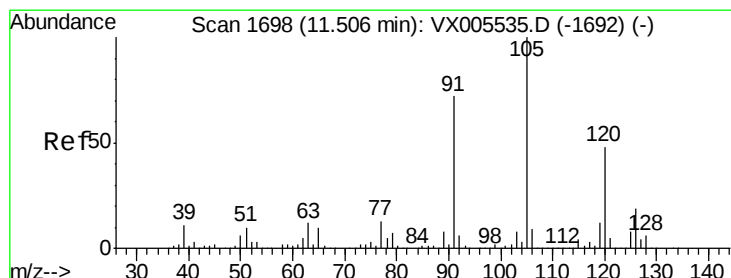
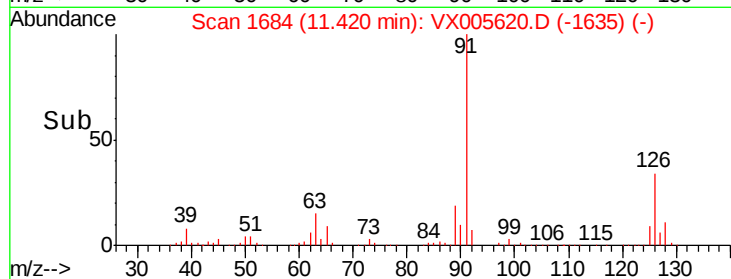
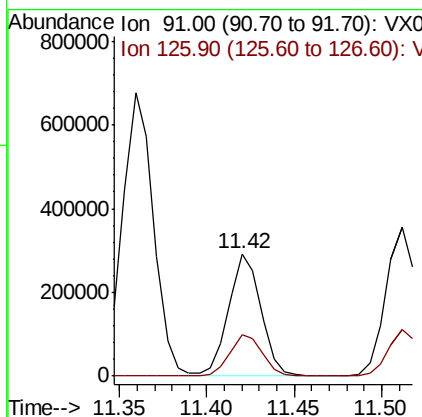
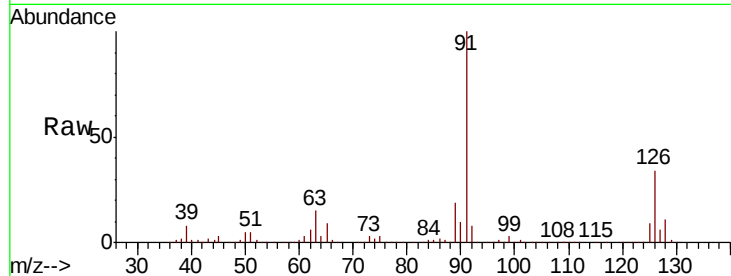




#79
 2-Chlorotoluene
 Concen: 50.494 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005620.D
 Acq: 26 Oct 2018 22:02

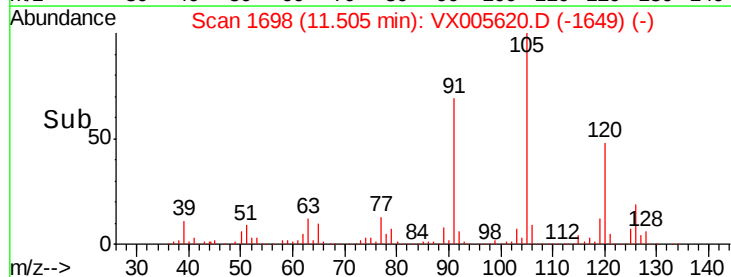
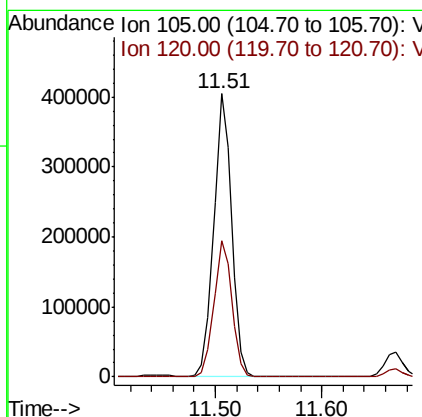
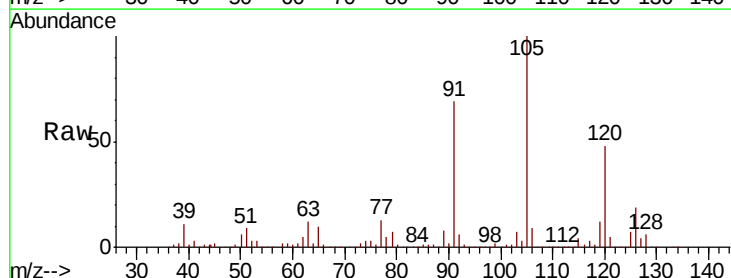
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15MS

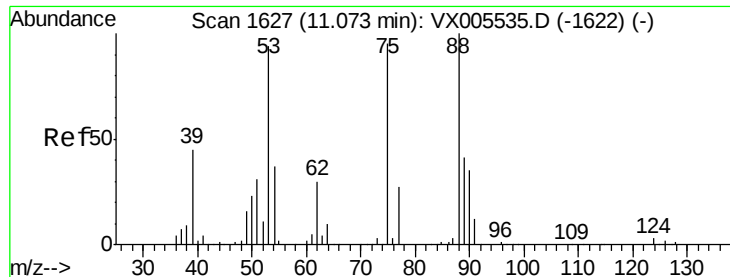
Tot Ion: 91 Resp: 370170
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 52.559 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005620.D
 Acq: 26 Oct 2018 22:02

Tgt Ion: 105 Resp: 464912
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 47.575 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Instrument :

MSVOA_X

ClientSampleId :

MW-15MS

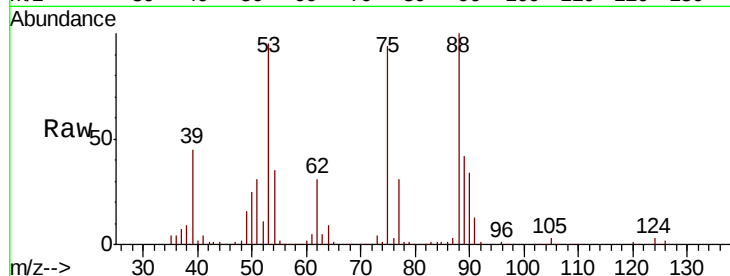
Tot Ion: 75 Resp: 52183

Ion Ratio Lower Upper

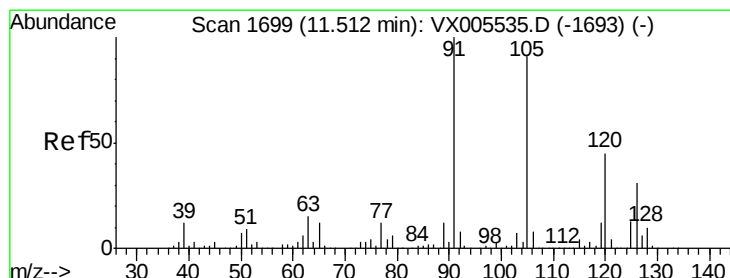
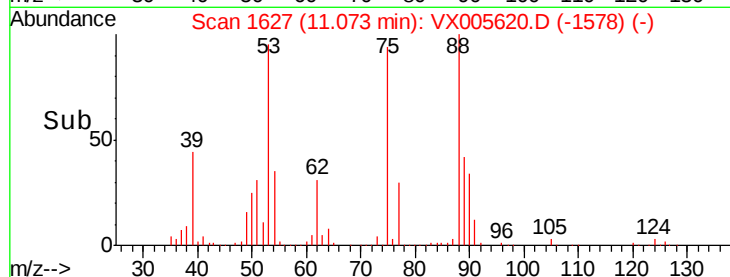
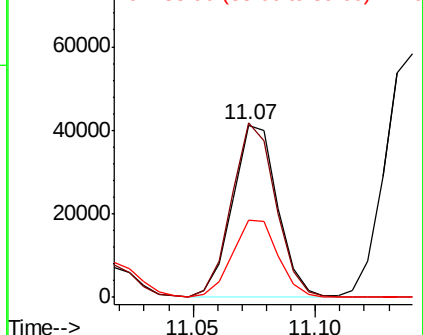
75 100

53 99.8 80.2 120.2

89 46.2 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: 50.889 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005620.D

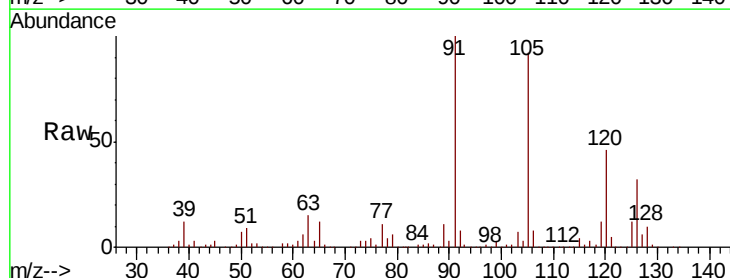
Acq: 26 Oct 2018 22:02

Tgt Ion: 91 Resp: 439907

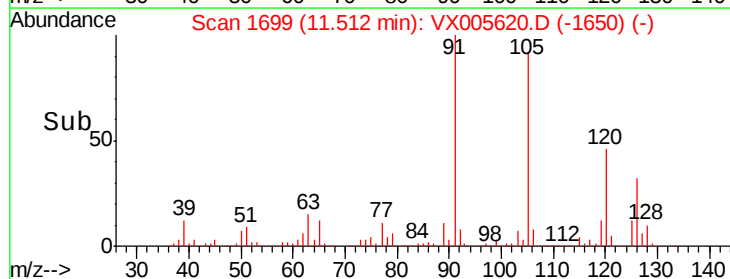
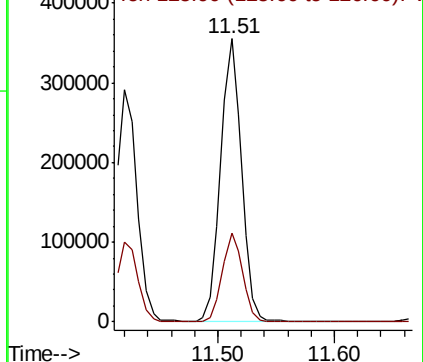
Ion Ratio Lower Upper

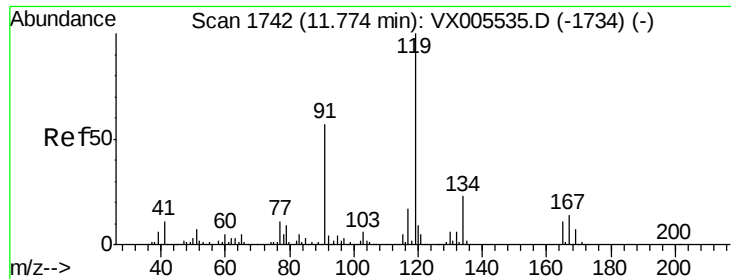
91 100

126 30.8 15.2 45.6



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

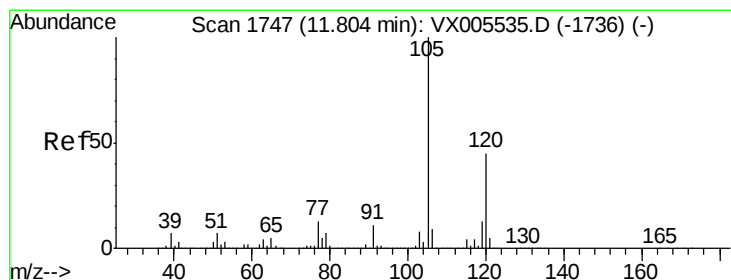
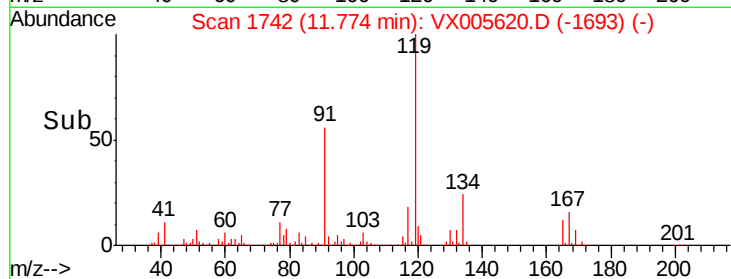
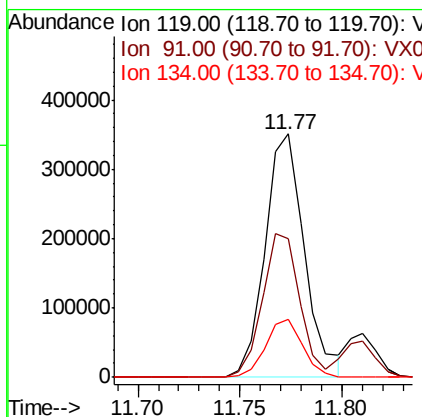
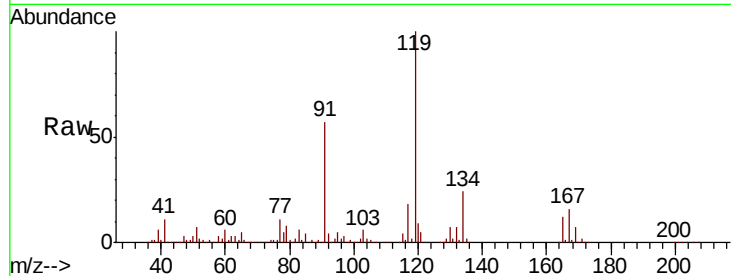




#83
 tert-Butylbenzene
 Concen: 53.448 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005620.D
 Acq: 26 Oct 2018 22:02

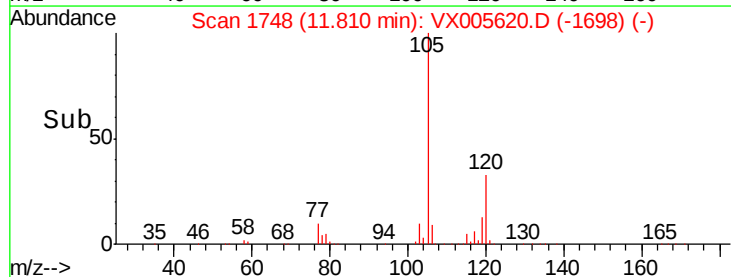
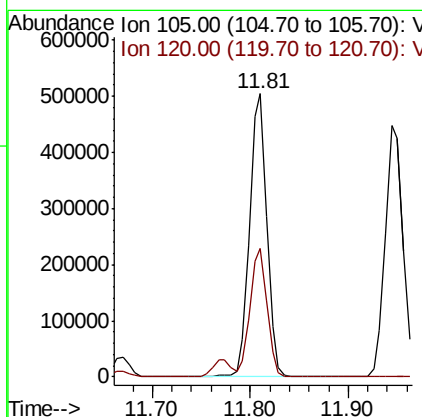
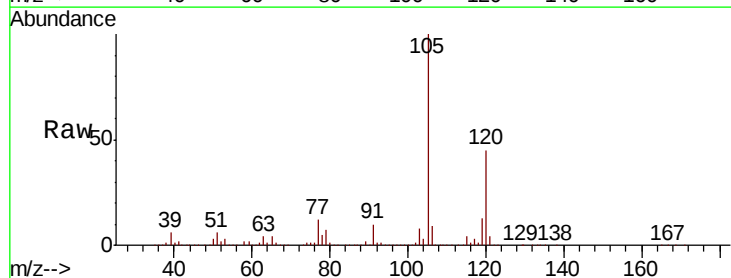
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15MS

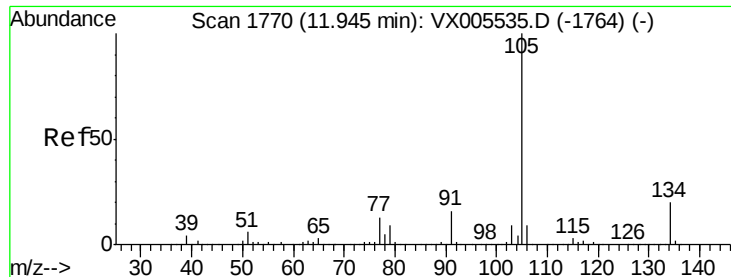
Tot Ion:119 Resp: 471265
 Ion Ratio Lower Upper
 119 100
 91 56.0 28.5 85.5
 134 22.6 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 68.888 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX005620.D
 Acq: 26 Oct 2018 22:02

Tgt Ion:105 Resp: 617572
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.4 67.0





#85

sec-Butylbenzene

Concen: 53.387 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Instrument :

MSVOA_X

ClientSampleId :

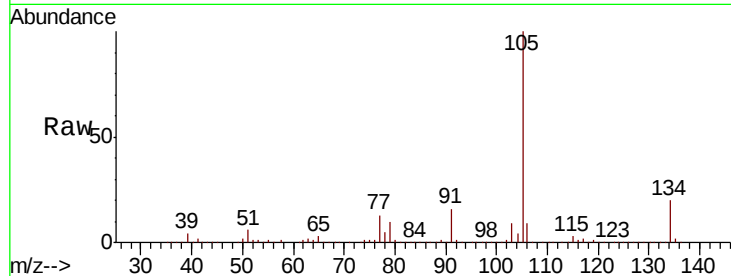
MW-15MS

Tot Ion:105 Resp: 561695

Ion Ratio Lower Upper

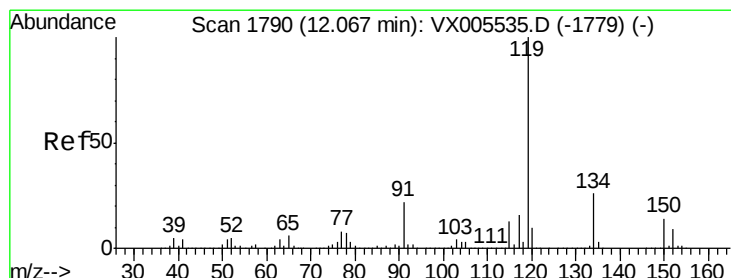
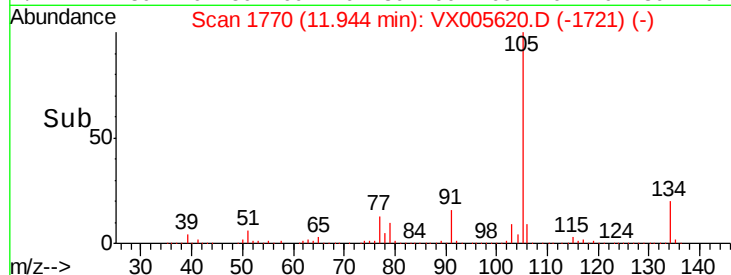
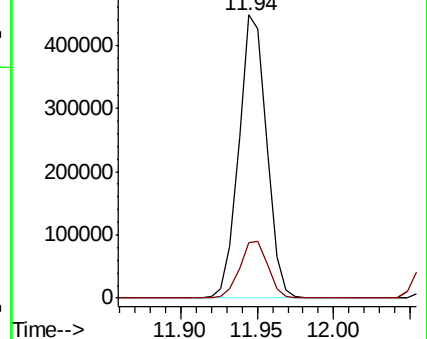
105 100

134 20.6 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: 53.125 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

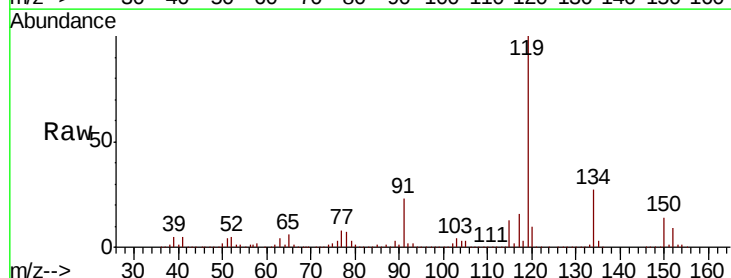
Tgt Ion:119 Resp: 499654

Ion Ratio Lower Upper

119 100

134 26.5 13.0 39.0

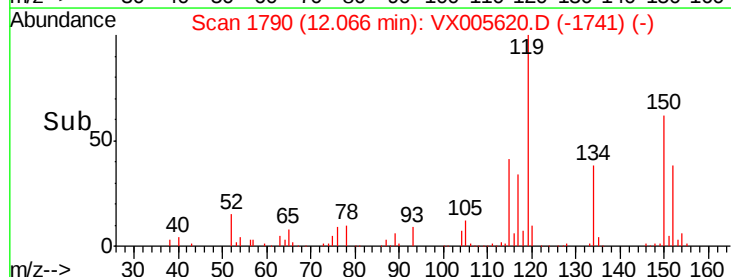
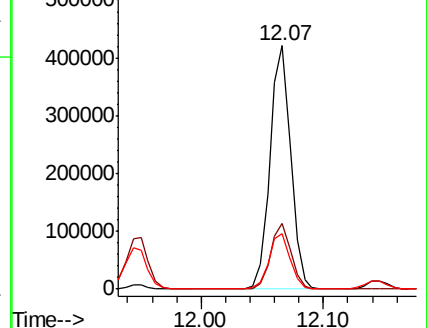
91 23.2 11.4 34.2

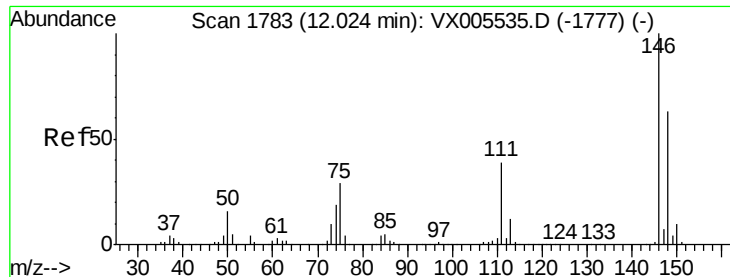


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

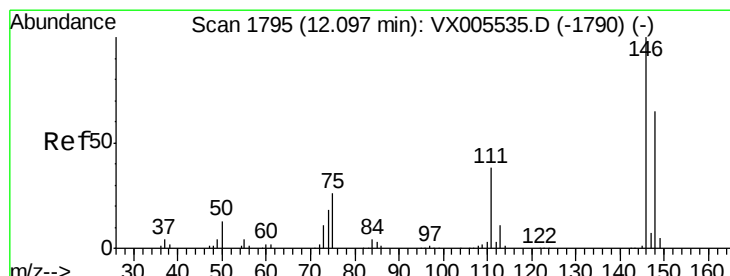
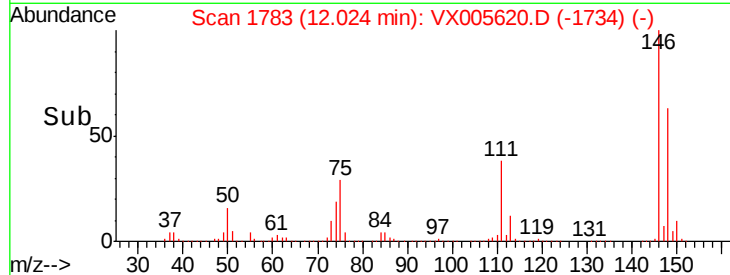
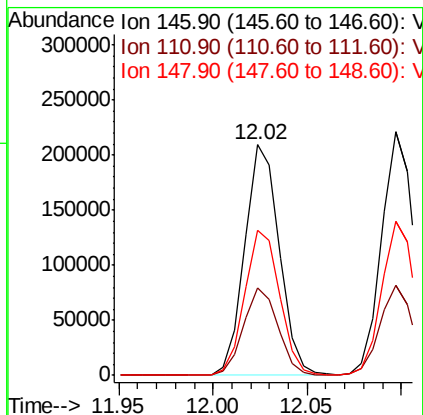
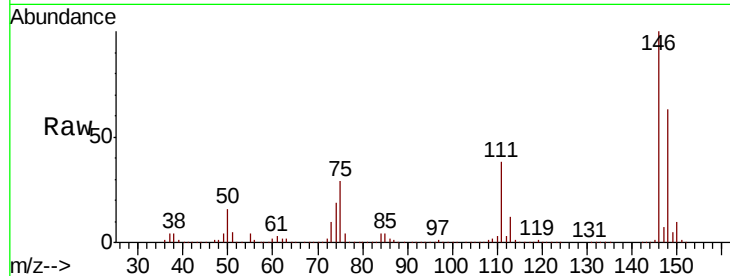




#87
 1,3-Dichlorobenzene
 Concen: 49.209 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005620.D
 Acq: 26 Oct 2018 22:02

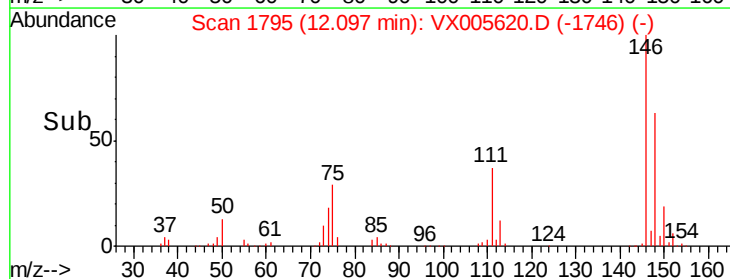
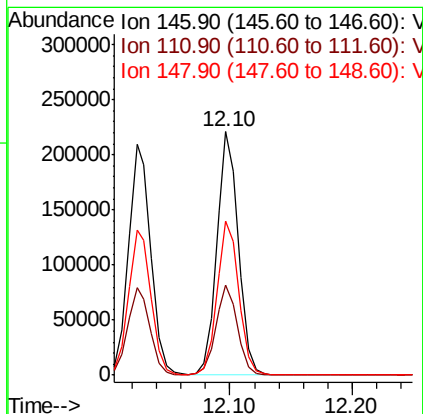
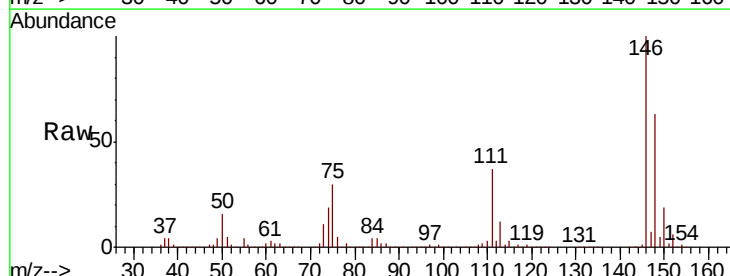
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15MS

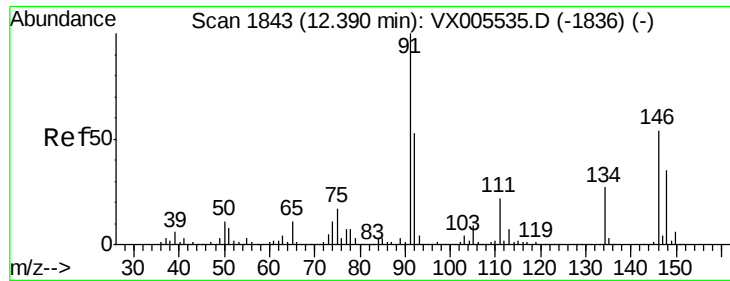
Tot Ion:146 Resp: 266662
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.0 57.0
 148 63.9 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 47.942 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005620.D
 Acq: 26 Oct 2018 22:02

Tgt Ion:146 Resp: 271184
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.6 55.8
 148 64.0 32.1 96.3

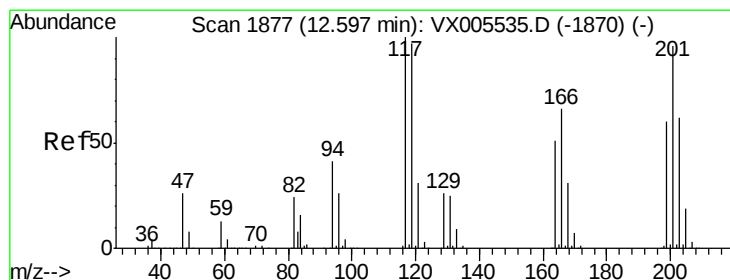
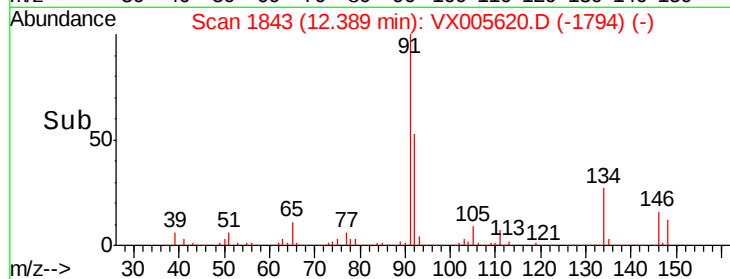
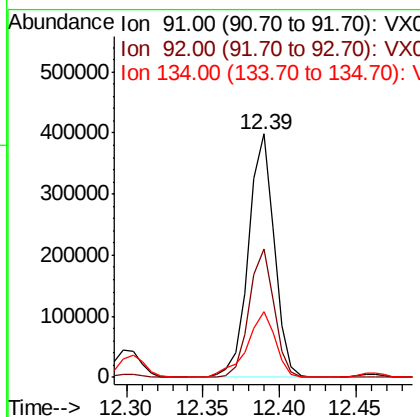
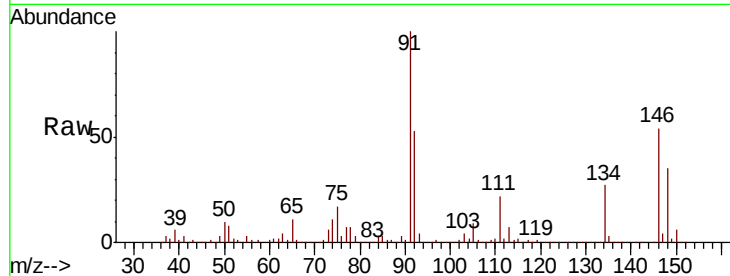




#89
n-Butylbenzene
Concen: 54.798 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

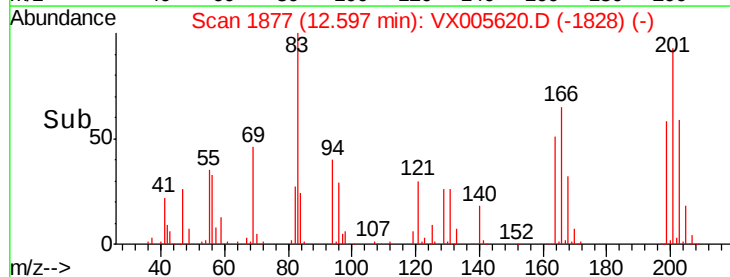
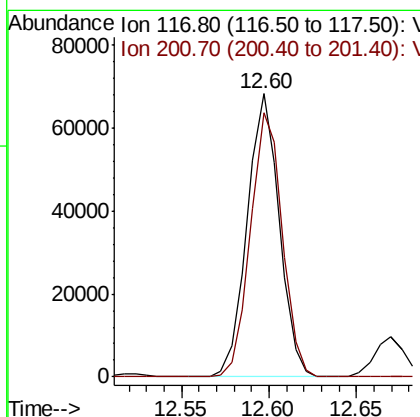
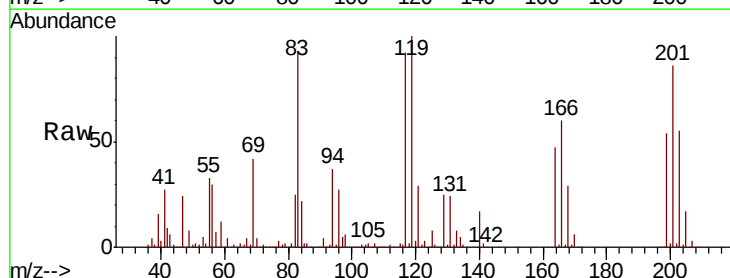
Instrument :
MSVOA_X
ClientSampleId :
MW-15MS

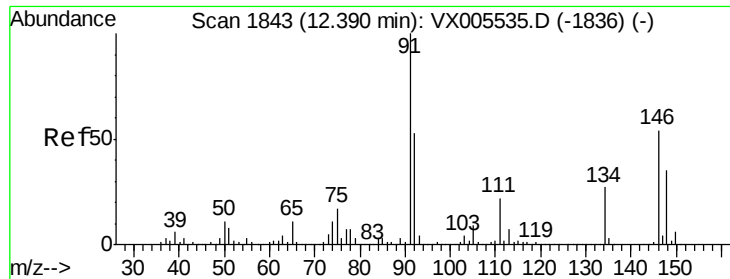
Tot Ion: 91 Resp: 465281
Ion Ratio Lower Upper
91 100
92 51.4 26.1 78.2
134 29.9 13.1 39.3



#90
Hexachloroethane
Concen: 53.780 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005620.D
Acq: 26 Oct 2018 22:02

Tgt Ion: 117 Resp: 87239
Ion Ratio Lower Upper
117 100
201 92.0 47.9 143.6





#91

1,2-Dichlorobenzene

Concen: 49.552 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Instrument :

MSVOA_X

ClientSampled :

MW-15MS

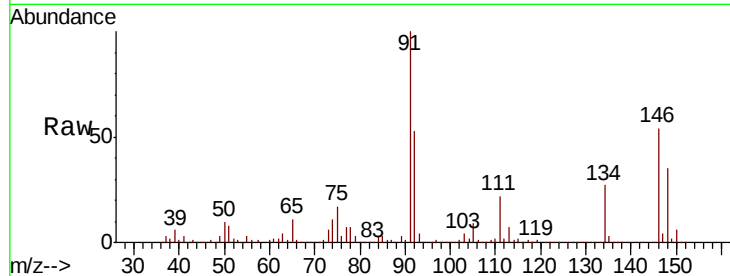
Tot Ion:146 Resp: 271670

Ion Ratio Lower Upper

146 100

111 39.8 20.0 59.9

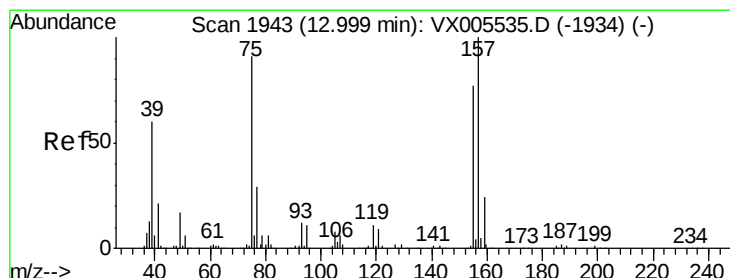
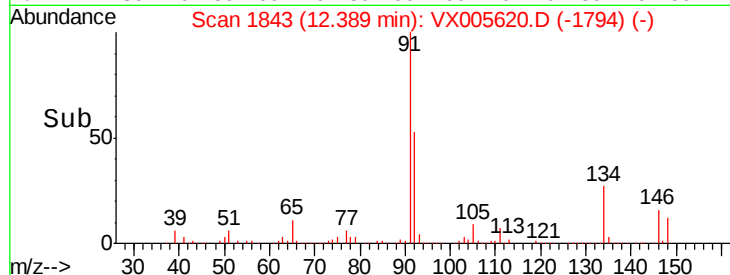
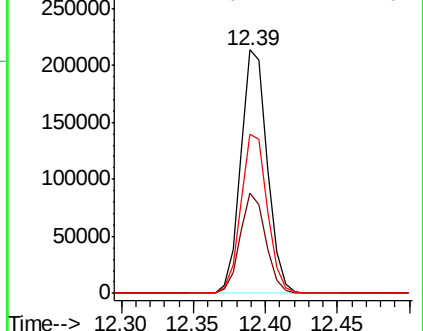
148 65.3 32.2 96.6



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: 52.589 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

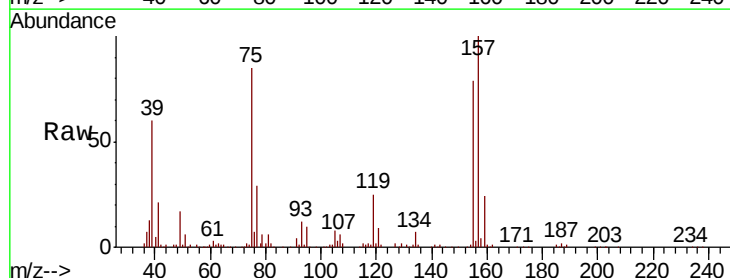
Tgt Ion: 75 Resp: 48507

Ion Ratio Lower Upper

75 100

155 90.5 45.4 136.1

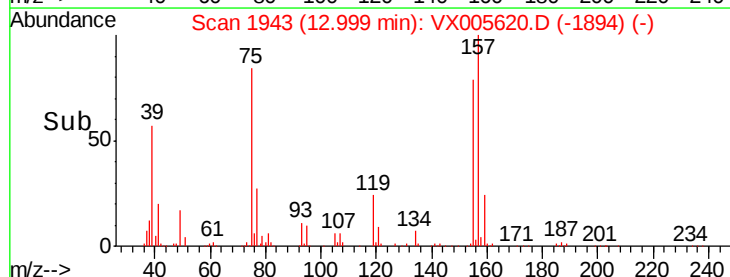
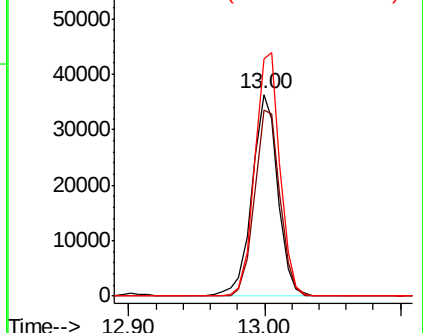
157 117.5 57.4 172.0

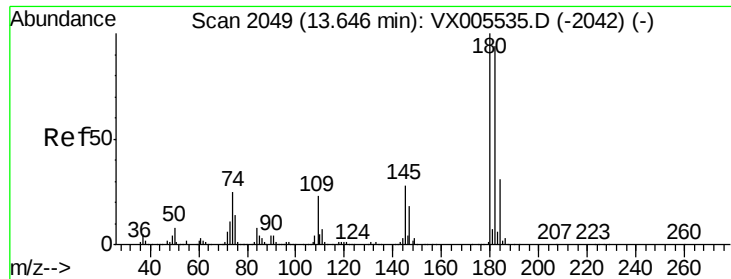


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

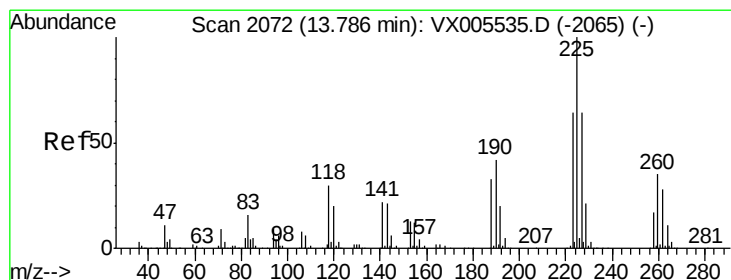
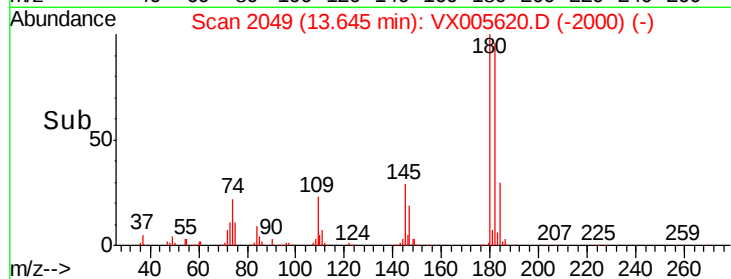
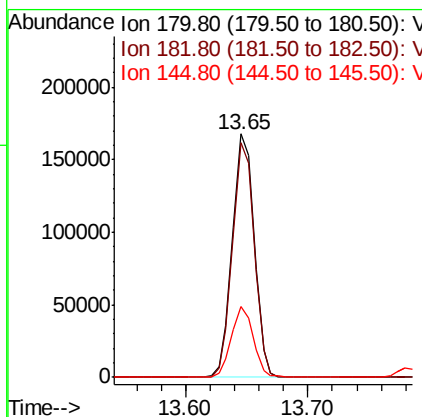
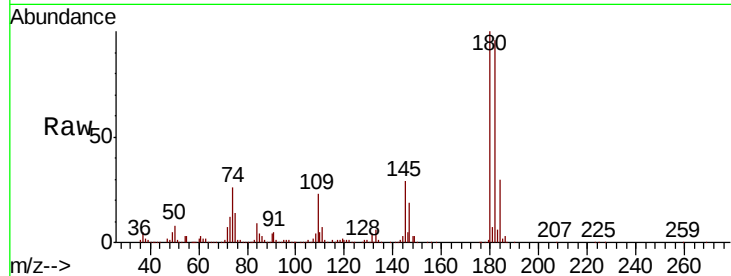




#93
 1,2,4-Trichlorobenzene
 Concen: 52.117 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005620.D
 Acq: 26 Oct 2018 22:02

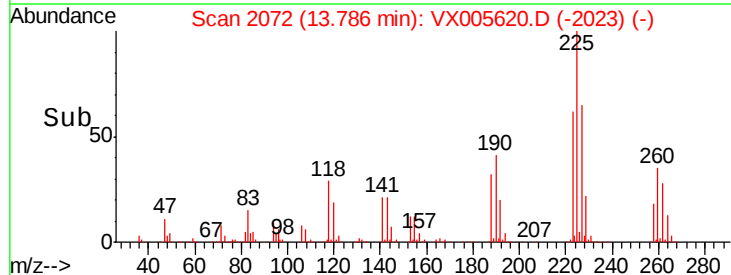
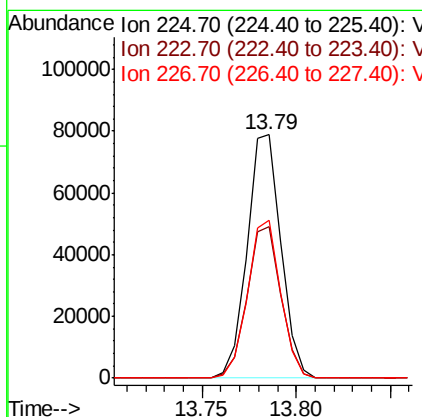
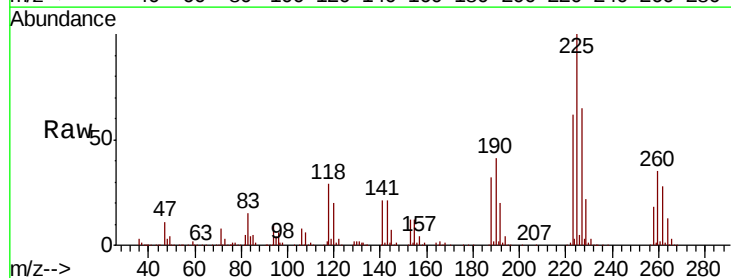
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15MS

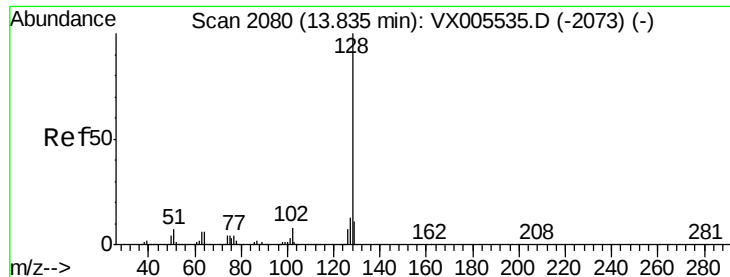
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.6	142.8
145	28.6	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 47.621 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005620.D
 Acq: 26 Oct 2018 22:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.7	95.1
227	63.4	32.3	96.9





#95

Naphthalene

Concen: 66.904 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

Instrument :

MSVOA_X

ClientSampleId :

MW-15MS

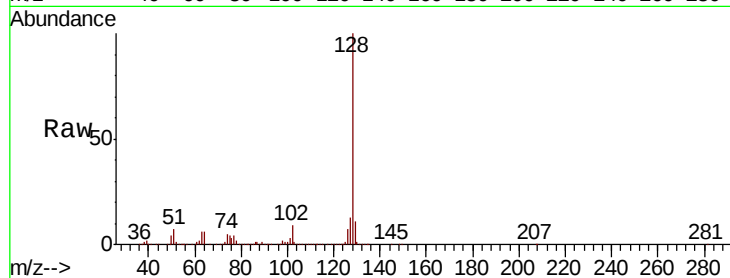
Tot Ion:128 Resp: 772903

Ion Ratio Lower Upper

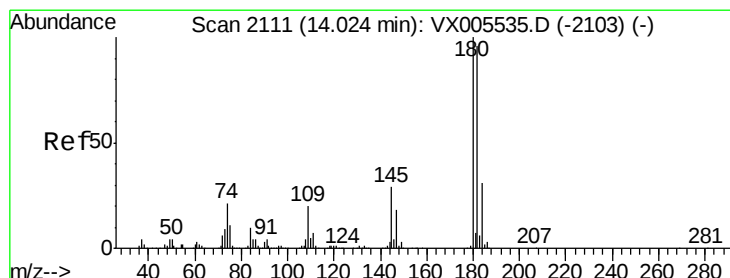
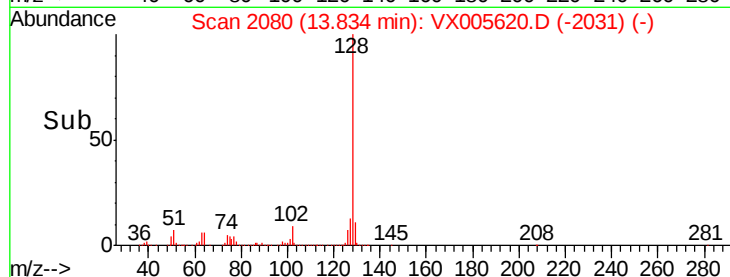
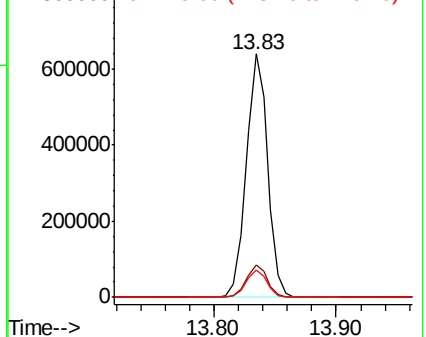
128 100

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: 52.149 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005620.D

Acq: 26 Oct 2018 22:02

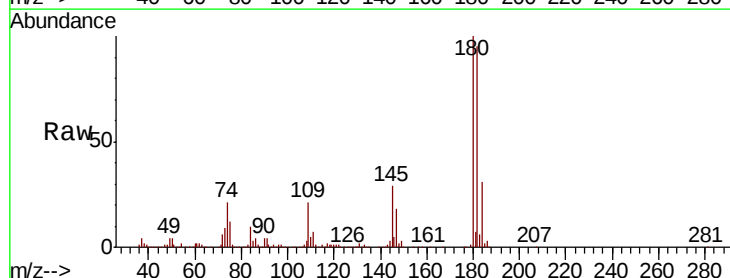
Tgt Ion:180 Resp: 210092

Ion Ratio Lower Upper

180 100

182 96.6 48.0 144.2

145 30.8 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

