

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102618\
 Data File : VX005621.D
 Acq On : 26 Oct 2018 22:28
 Operator : JC/MD
 Sample : J5690-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15MSD

Quant Time: Oct 27 04:50:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	232079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	347997	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	315229	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	181392	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	138842	49.01	ug/l	0.00
Spiked Amount						
			Recovery	=	98.02%	
35) Dibromofluoromethane	5.50	113	114001	48.38	ug/l	0.00
Spiked Amount						
			Recovery	=	96.76%	
50) Toluene-d8	8.72	98	411312	48.58	ug/l	0.00
Spiked Amount						
			Recovery	=	97.16%	
62) 4-Bromofluorobenzene	11.14	95	156985	49.10	ug/l	0.00
Spiked Amount						
			Recovery	=	98.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	139049	60.701	ug/l	100
3) Chloromethane	1.33	50	151473	51.923	ug/l	99
4) Vinyl Chloride	1.41	62	166041	57.885	ug/l #	88
5) Bromomethane	1.64	94	87960	49.280	ug/l	97
6) Chloroethane	1.72	64	102522	55.948	ug/l	91
7) Trichlorofluoromethane	1.93	101	207893	52.158	ug/l	96
8) Diethyl Ether	2.20	74	83036	52.203	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	111972	48.963	ug/l	99
10) Methyl Iodide	2.51	142	141471	58.730	ug/l	99
11) Tert butyl alcohol	3.08	59	188388	247.117	ug/l	100
12) 1,1-Dichloroethene	2.38	96	108250	49.690	ug/l	96
13) Acrolein	2.30	56	86959	223.616	ug/l	100
14) Allyl chloride	2.73	41	242458	49.868	ug/l	98
15) Acrylonitrile	3.15	53	429800	251.424	ug/l	99
16) Acetone	2.45	43	387938	259.147	ug/l	93
17) Carbon Disulfide	2.57	76	337572	50.832	ug/l	99
18) Methyl Acetate	2.78	43	191026	51.705	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	402939	51.851	ug/l	99
20) Methylene Chloride	2.86	84	124623	49.706	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	116466	48.964	ug/l	95
22) Diisopropyl ether	3.87	45	432044	50.885	ug/l #	87
23) Vinyl Acetate	3.82	43	1809090	241.933	ug/l	97
24) 1,1-Dichloroethane	3.70	63	230311	49.893	ug/l	100
25) 2-Butanone	4.71	43	579889	254.382	ug/l	92
26) 2,2-Dichloropropane	4.59	77	148021	41.534	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	134698	52.528	ug/l	98
28) Bromochloromethane	5.03	49	115372	51.675	ug/l	98
29) Tetrahydrofuran	5.16	42	372310	250.965	ug/l	99
30) Chloroform	5.22	83	211678	49.023	ug/l	88
31) Cyclohexane	5.58	56	201632	52.792	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	188147	49.369	ug/l	98
36) 1,1-Dichloropropene	5.80	75	162967	48.256	ug/l	99
37) Ethyl Acetate	4.86	43	196266	45.542	ug/l	100
38) Carbon Tetrachloride	5.78	117	168044	47.244	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	185134	49.645	ug/l	99
40) Benzene	6.15	78	503043	51.962	ug/l	99
41) Methacrylonitrile	5.06	41	114749	47.801	ug/l	96
42) 1,2-Dichloroethane	6.20	62	174557	47.464	ug/l	99
43) Isopropyl Acetate	6.46	43	297864	46.124	ug/l	98
44) Trichloroethene	7.22	130	128802	48.838	ug/l	93
45) 1,2-Dichloropropane	7.52	63	130821	50.262	ug/l	99
46) Dibromomethane	7.66	93	80701	48.007	ug/l	99
47) Bromodichloromethane	7.90	83	156772	48.051	ug/l	98
48) Methyl methacrylate	7.78	41	160870	51.134	ug/l	99
49) 1,4-Dioxane	7.76	88	59829	870.219	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1067521	245.966	ug/l	99
52) Toluene	8.79	92	295390	50.205	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	176490	50.052	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	184194	48.518	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	118243	47.668	ug/l	98
56) Ethyl methacrylate	9.18	69	196382	53.076	ug/l	99
57) 1,3-Dichloropropane	9.37	76	201734	48.064	ug/l	99
59) 2-Hexanone	9.50	43	849609	248.281	ug/l	99
60) Dibromochloromethane	9.59	129	128434	49.625	ug/l	99
61) 1,2-Dibromoethane	9.67	107	126079	49.129	ug/l	100
64) Tetrachloroethene	9.34	164	111934	42.775	ug/l	98
65) Chlorobenzene	10.14	112	328766	48.977	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	120651	49.293	ug/l	99
67) Ethyl Benzene	10.26	91	1032259	93.467	ug/l	99
68) m/p-Xylenes	10.36	106	441745	103.095	ug/l	100
69) o-Xylene	10.70	106	222253	55.133	ug/l	99
70) Stvrene	10.71	104	350739	51.974	ug/l	99
71) Bromoform	10.86	173	108479	49.667	ug/l	99
73) Isopropylbenzene	11.02	105	937958	84.591	ug/l	99
74) N-amyl acetate	10.90	43	270892	49.305	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	202731	49.558	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	232775	60.567	ug/l	85
77) Bromobenzene	11.26	156	154629	50.039	ug/l	98
78) n-propylbenzene	11.36	91	952393	75.116	ug/l	100
79) 2-Chlorotoluene	11.42	91	396491	50.436	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	498740	52.580	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	55297	47.013	ug/l	97
82) 4-Chlorotoluene	11.51	91	471218	50.834	ug/l	100
83) tert-Butylbenzene	11.77	119	510801	54.024	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	716384	74.520	ug/l	100
85) sec-Butylbenzene	11.94	105	601823	53.342	ug/l	99
86) p-Isopropyltoluene	12.07	119	535335	53.079	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	286451	49.295	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	290294	47.859	ug/l	100
89) n-Butylbenzene	12.39	91	500096	54.925	ug/l	96
90) Hexachloroethane	12.60	117	94303	54.213	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	291589	49.597	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	52113	52.687	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	223033	52.333	ug/l	98

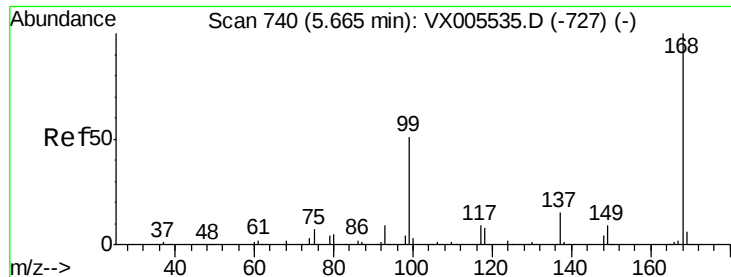
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102618\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	104531	47.330	ug/l	100
95) Naphthalene	13.83	128	872616	70.440	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	227846	52.740	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: VX005621.D

Acq: 26 Oct 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

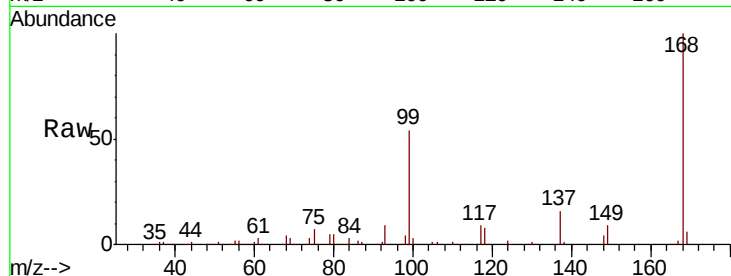
MW-15MSD

Tot Ion:168 Resp: 232079

Ion Ratio Lower Upper

168 100

99 54.3 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

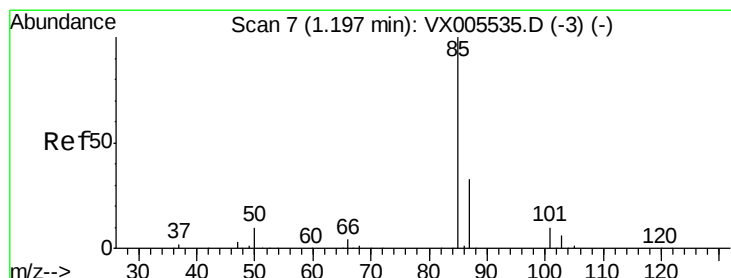
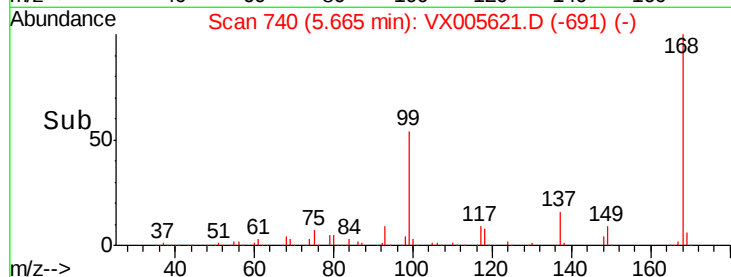
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 60.701 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX005621.D

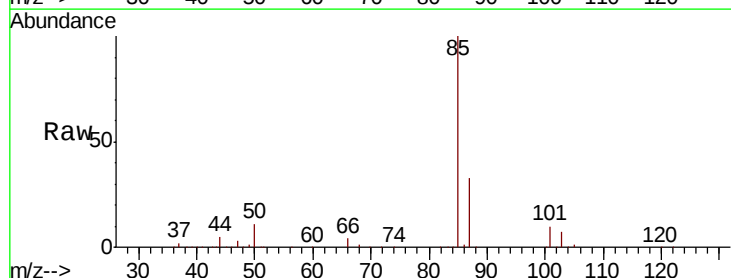
Acq: 26 Oct 2018 22:28

Tgt Ion: 85 Resp: 139049

Ion Ratio Lower Upper

85 100

87 32.9 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

1.15

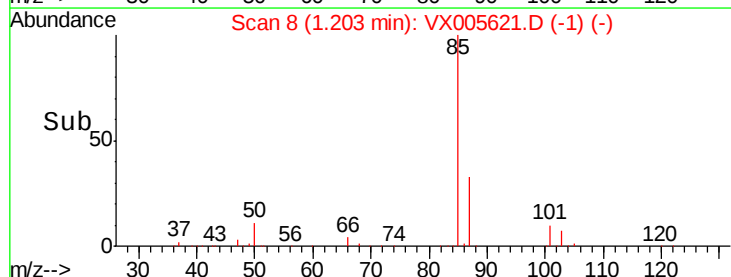
1.20

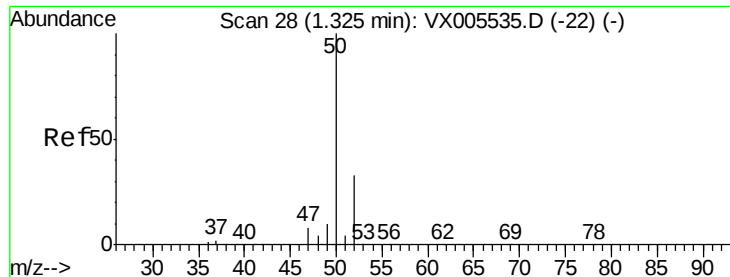
1.25

1.30

1.35

Time-->





#3

Chloromethane

Concen: 51.923 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX005621.D

Acq: 26 Oct 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

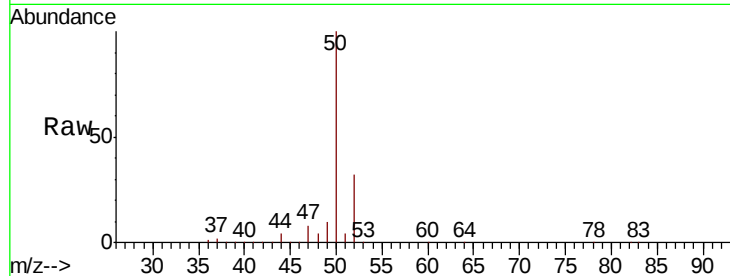
MW-15MSD

Tot Ion: 50 Resp: 151473

Ion Ratio Lower Upper

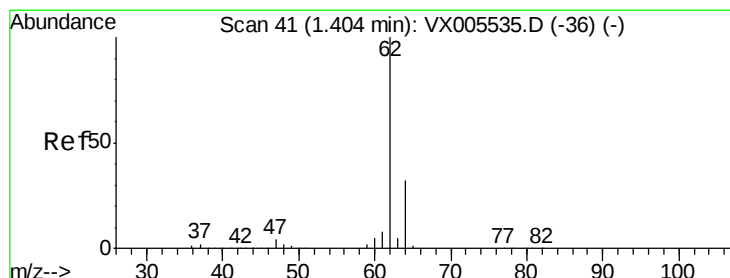
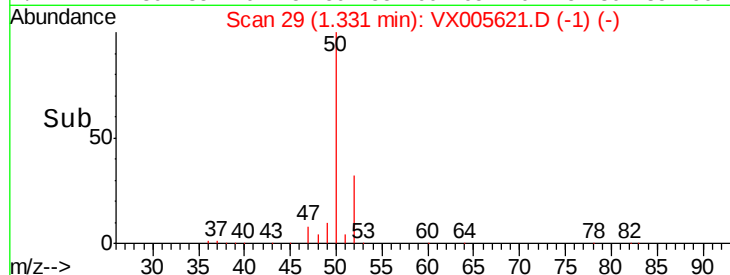
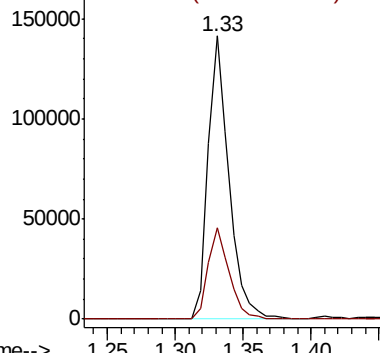
50 100

52 32.2 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 57.885 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005621.D

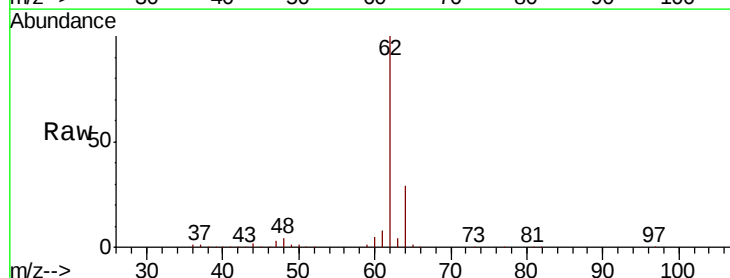
Acq: 26 Oct 2018 22:28

Tgt Ion: 62 Resp: 166041

Ion Ratio Lower Upper

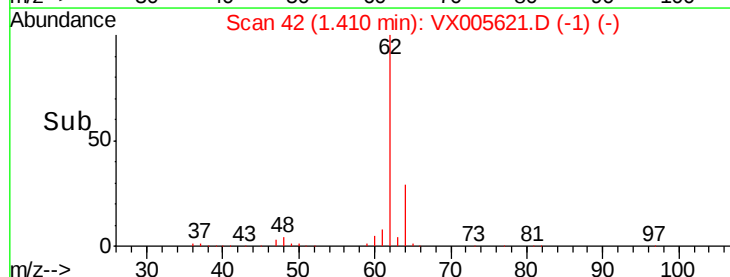
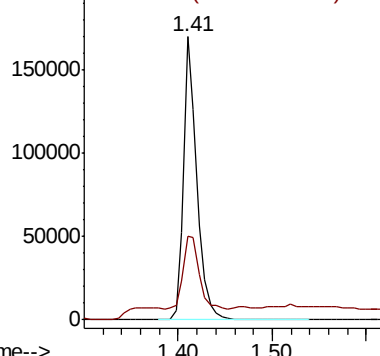
62 100

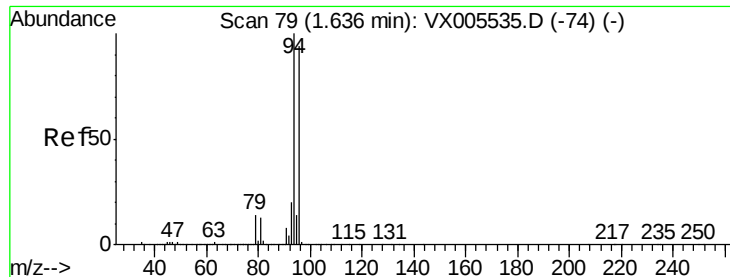
64 25.1 25.3 37.9#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 49.280 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX005621.D

Acq: 26 Oct 2018 22:28

Instrument :

MSVOA_X

ClientSampled :

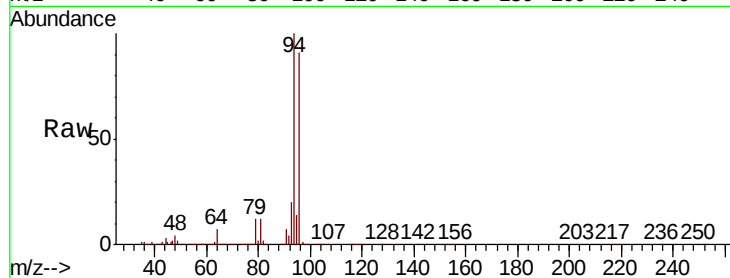
MW-15MSD

Tot Ion: 94 Resp: 87960

Ion Ratio Lower Upper

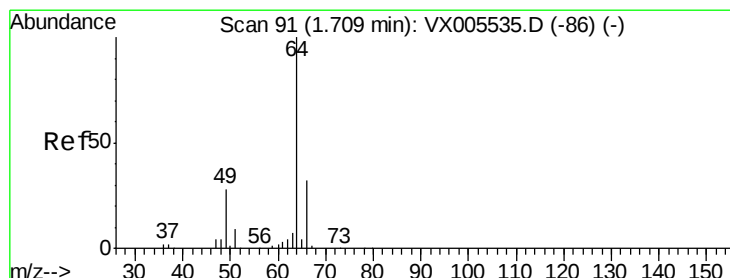
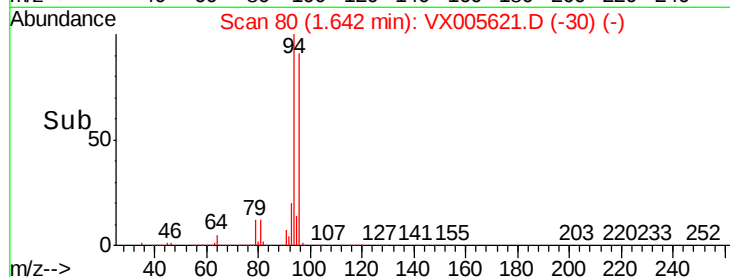
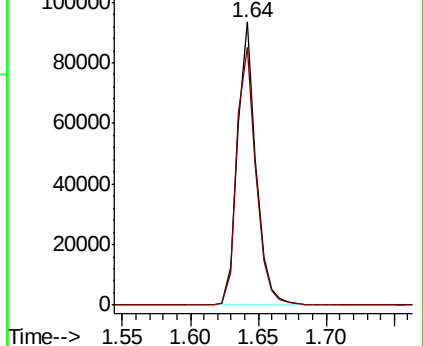
94 100

96 90.9 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: 55.948 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005621.D

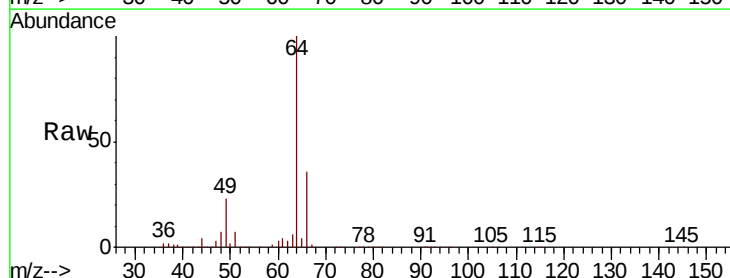
Acq: 26 Oct 2018 22:28

Tgt Ion: 64 Resp: 102522

Ion Ratio Lower Upper

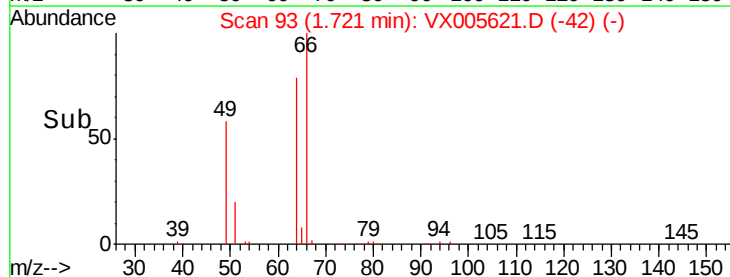
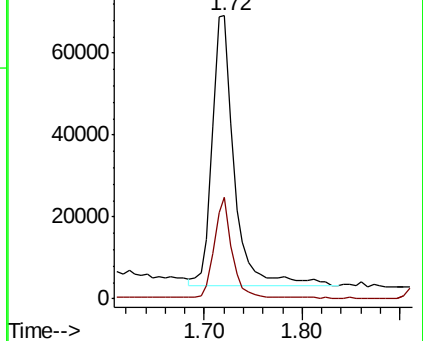
64 100

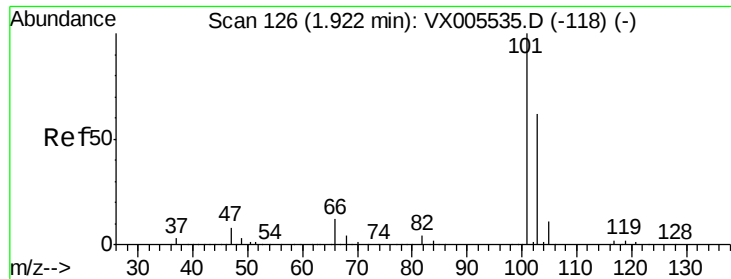
66 37.4 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



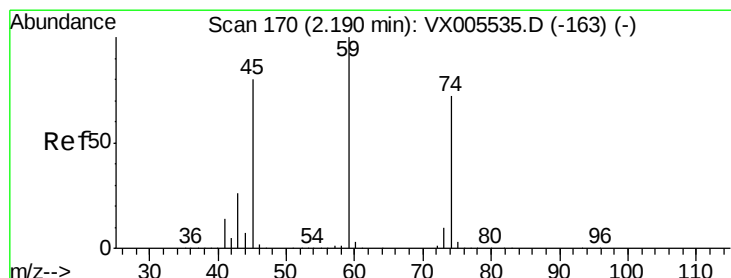
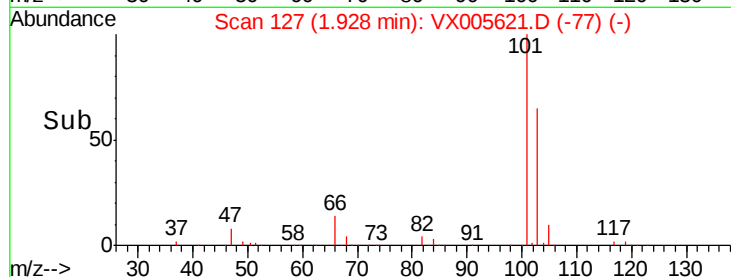
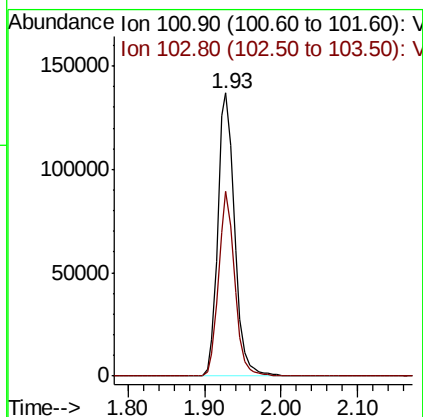
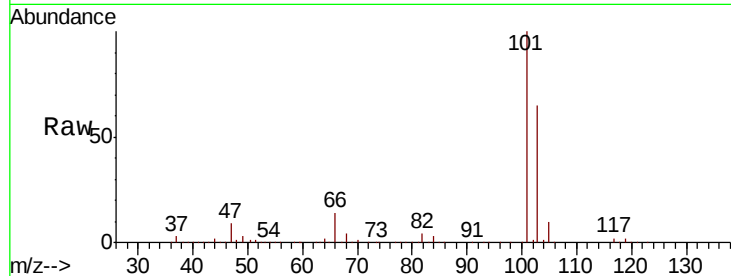


#7

Trichlorofluoromethane
Concen: 52.158 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX005621.D
Acq: 26 Oct 2018 22:28

Instrument :
MSVOA_X
ClientSampled :
MW-15MSD

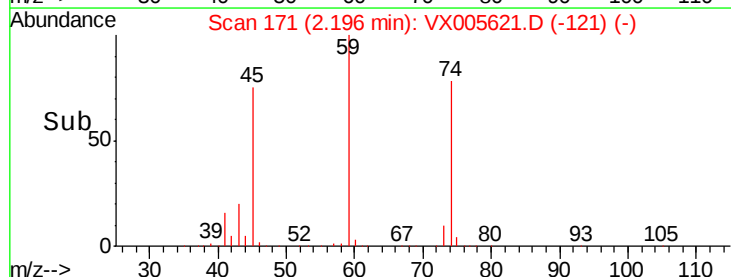
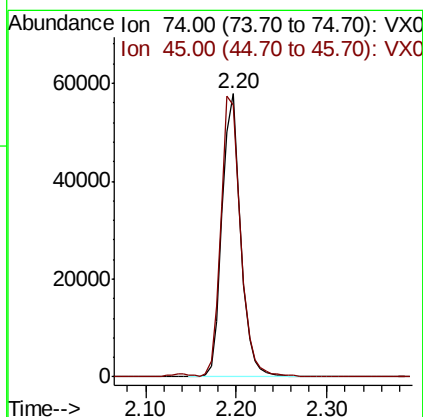
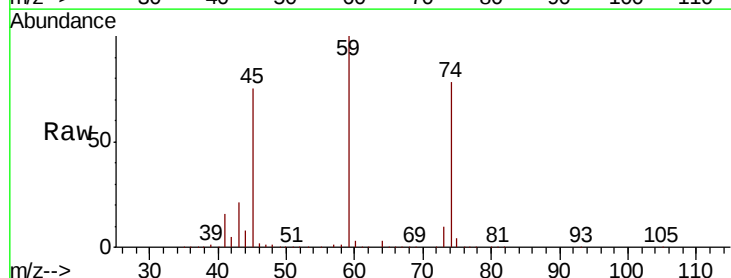
Tot Ion:101 Resp: 207893
Ion Ratio Lower Upper
101 100
103 65.4 50.0 75.0



#8

Diethyl Ether
Concen: 52.203 ug/l
RT: 2.20 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX005621.D
Acq: 26 Oct 2018 22:28

Tgt Ion: 74 Resp: 83036
Ion Ratio Lower Upper
74 100
45 103.6 54.1 162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.963 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX005621.D

Acq: 26 Oct 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

MW-15MSD

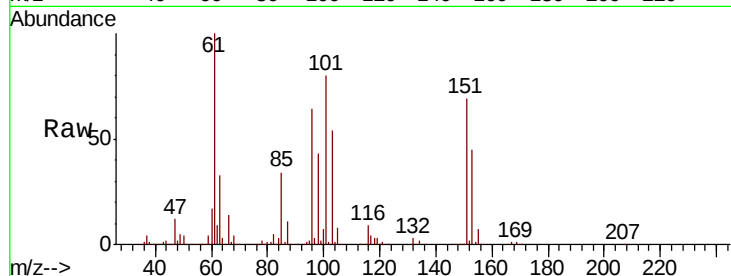
Tot Ion:101 Resp: 111972

Ion Ratio Lower Upper

101 100

85 44.3 35.0 52.4

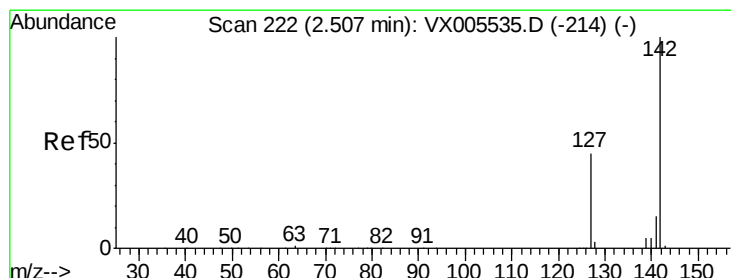
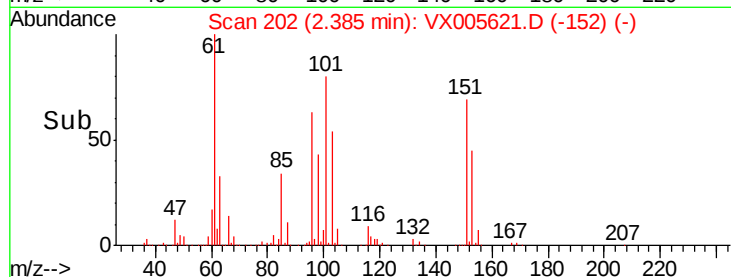
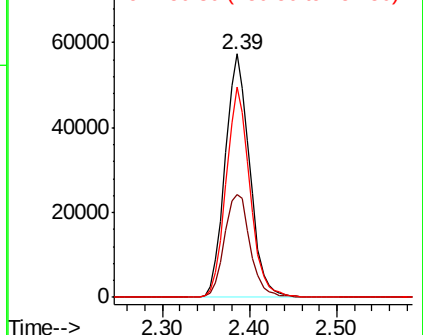
151 83.9 66.2 99.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 58.730 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX005621.D

Acq: 26 Oct 2018 22:28

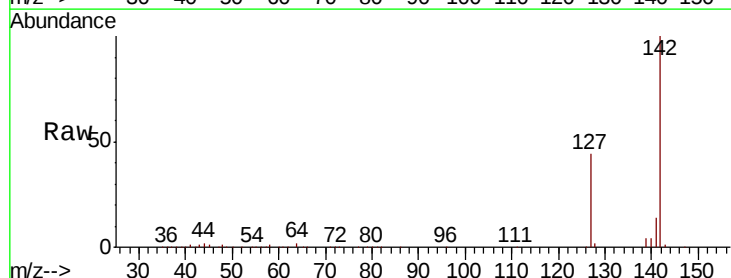
Tgt Ion:142 Resp: 141471

Ion Ratio Lower Upper

142 100

127 44.3 36.0 54.0

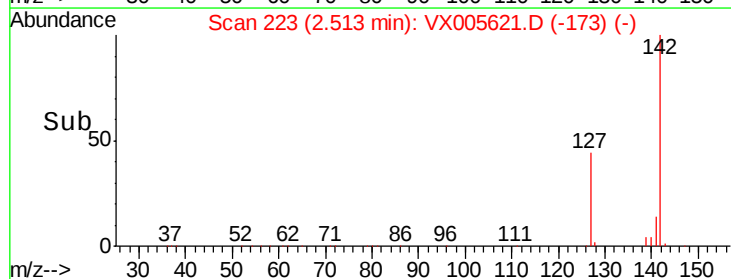
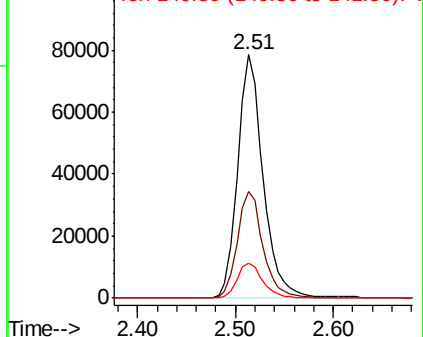
141 14.9 11.7 17.5

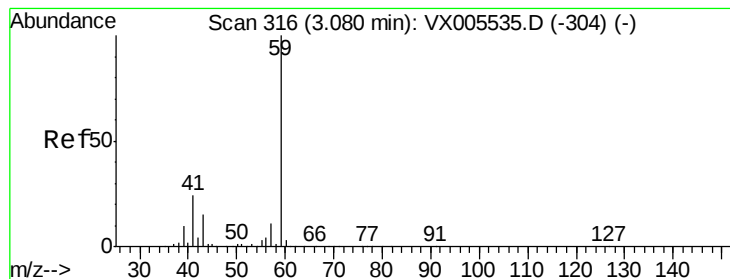


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



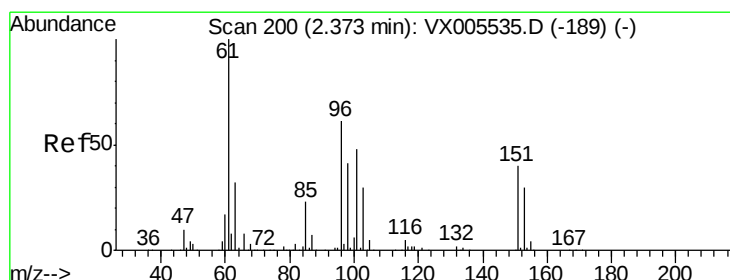
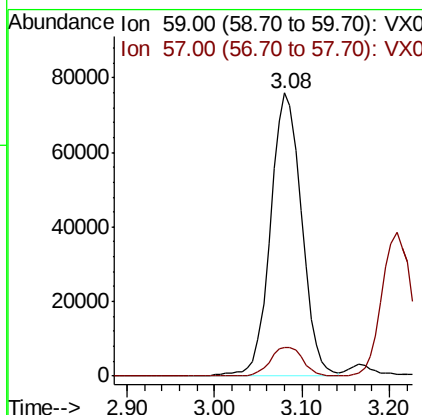
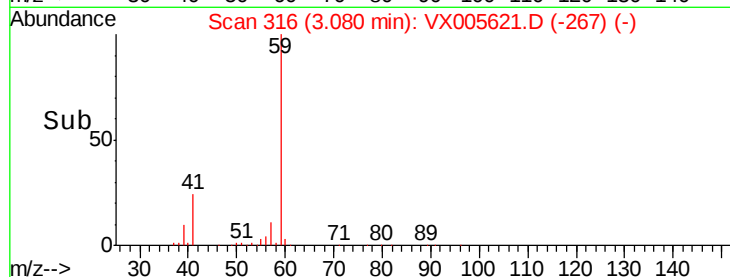
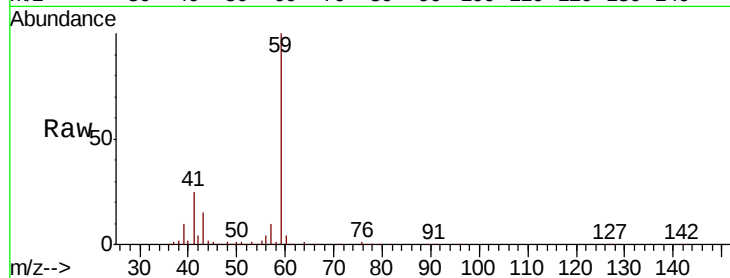


#11

Tert butyl alcohol
 Concen: 247.117 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VX005621.D
 Acq: 26 Oct 2018 22:28

Instrument :
 MSVOA_X
 ClientSampled :
 MW-15MSD

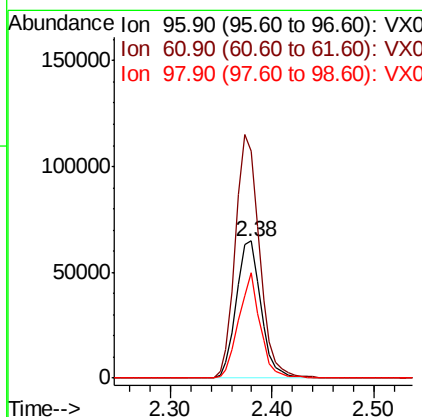
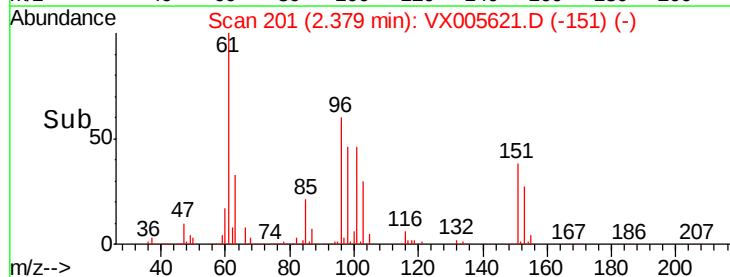
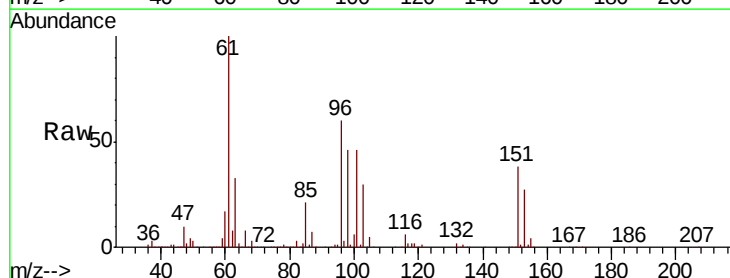
Tot Ion: 59 Resp: 188388
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.5 12.7

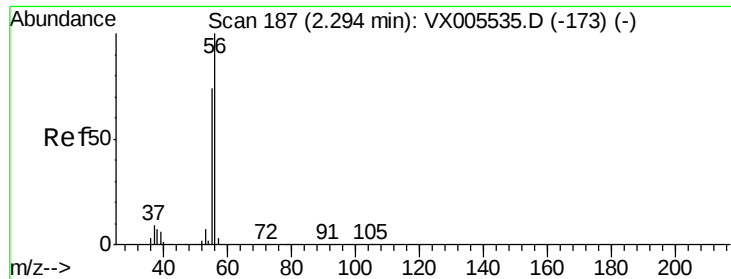


#12

1,1-Dichloroethene
 Concen: 49.690 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX005621.D
 Acq: 26 Oct 2018 22:28

Tgt Ion: 96 Resp: 108250
 Ion Ratio Lower Upper
 96 100
 61 165.9 131.8 197.8
 98 76.9 53.4 80.2





#13

Acrolein

Concen: 223.616 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX005621.D

Acq: 26 Oct 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

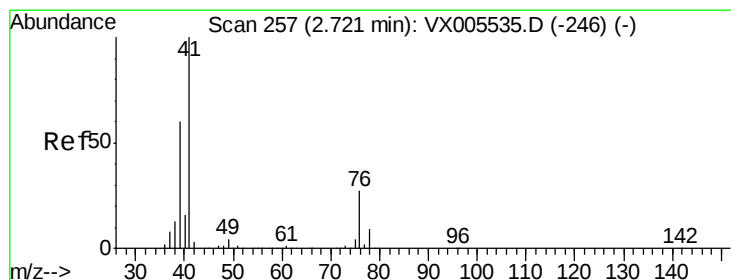
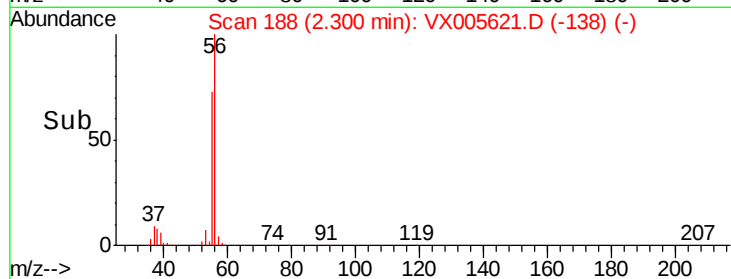
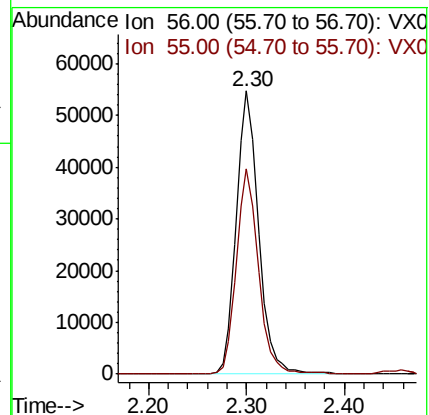
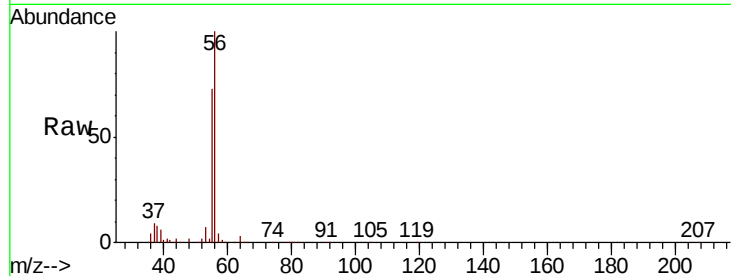
MW-15MSD

Tot Ion: 56 Resp: 86959

Ion Ratio Lower Upper

56 100

55 71.5 57.3 85.9



#14

Allyl chloride

Concen: 49.868 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005621.D

Acq: 26 Oct 2018 22:28

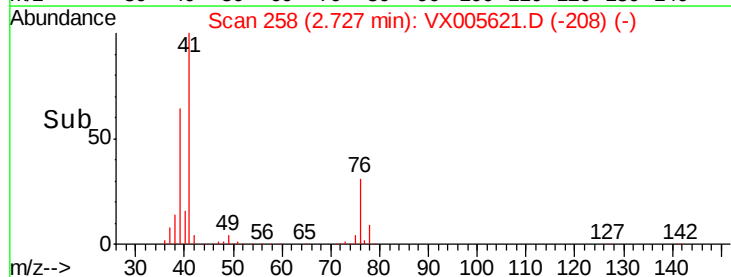
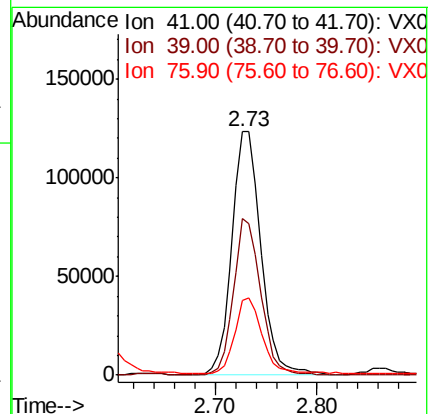
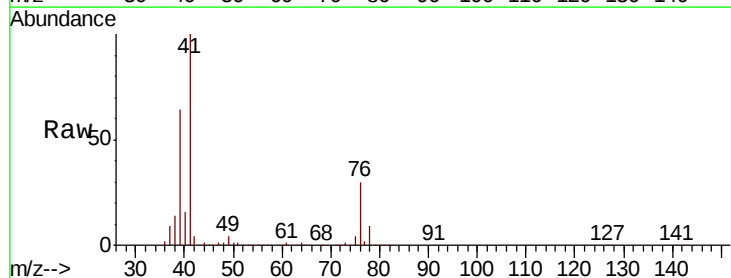
Tgt Ion: 41 Resp: 242458

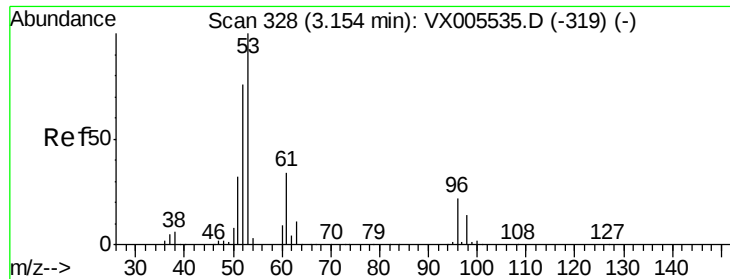
Ion Ratio Lower Upper

41 100

39 59.6 48.2 72.4

76 29.7 21.9 32.9

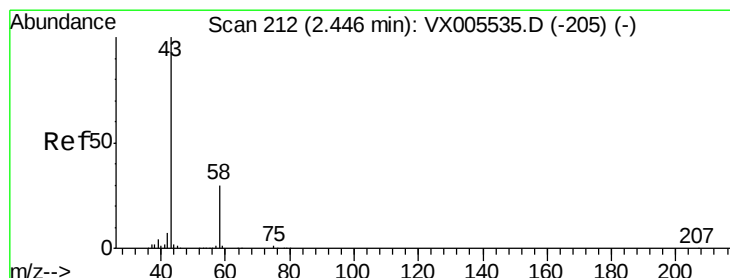
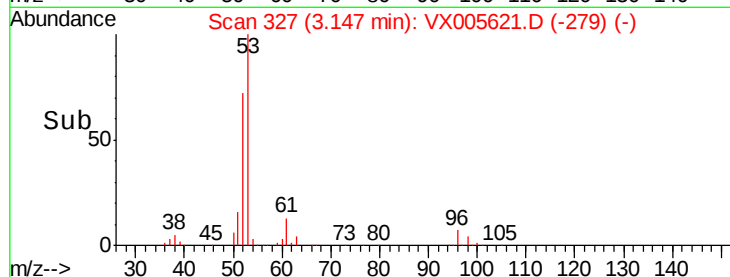
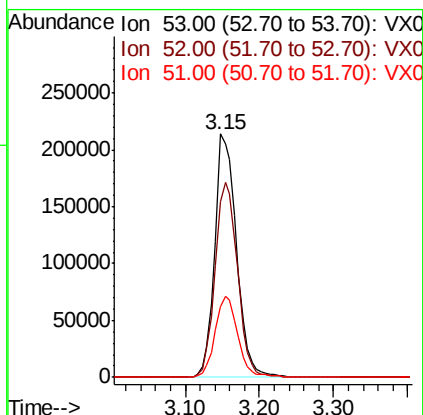
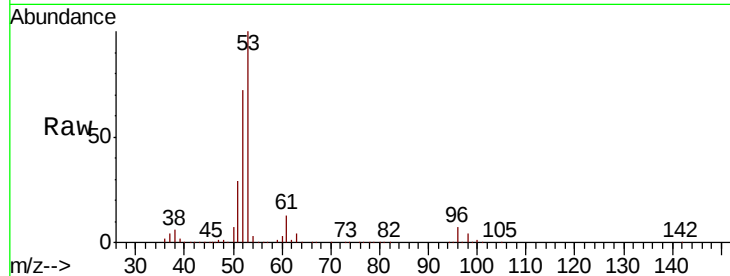




#15
 Acrylonitrile
 Concen: 251.424 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.01 min
 Lab File: VX005621.D
 Acq: 26 Oct 2018 22:28

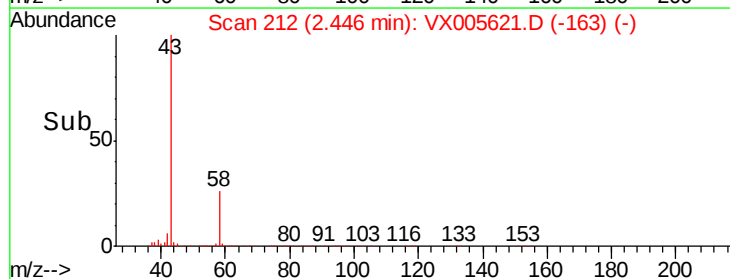
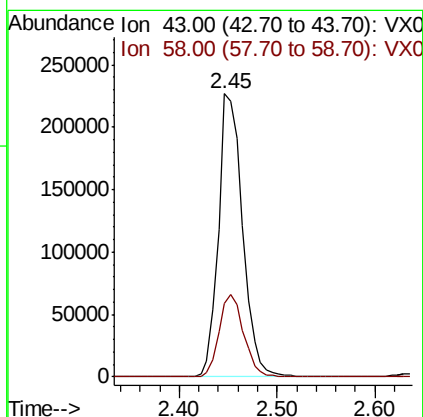
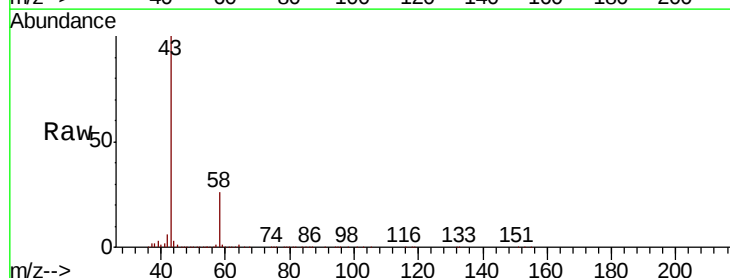
Instrument :
 MSVOA_X
 ClientSampled :
 MW-15MSD

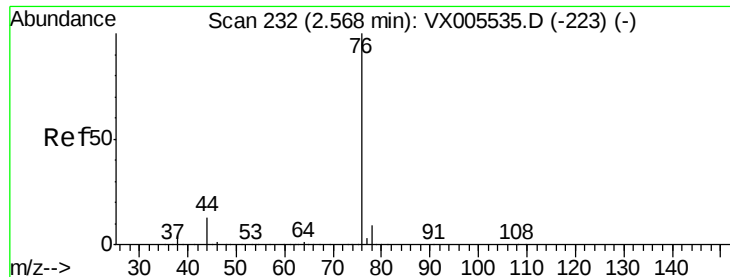
Tot Ion: 53 Resp: 429800
 Ion Ratio Lower Upper
 53 100
 52 82.7 66.6 99.8
 51 34.9 28.4 42.6



#16
 Acetone
 Concen: 259.147 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX005621.D
 Acq: 26 Oct 2018 22:28

Tgt Ion: 43 Resp: 387938
 Ion Ratio Lower Upper
 43 100
 58 25.9 23.8 35.6





#17

Carbon Disulfide

Concen: 50.832 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX005621.D

Acq: 26 Oct 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

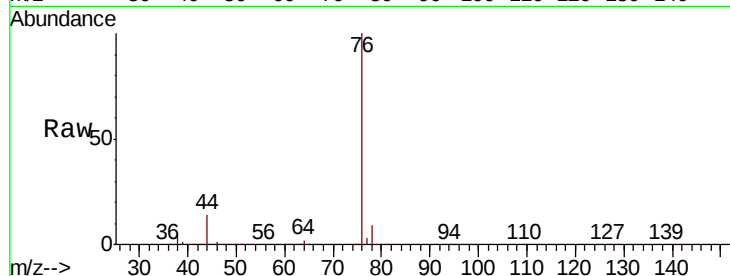
MW-15MSD

Tot Ion: 76 Resp: 337572

Ion Ratio Lower Upper

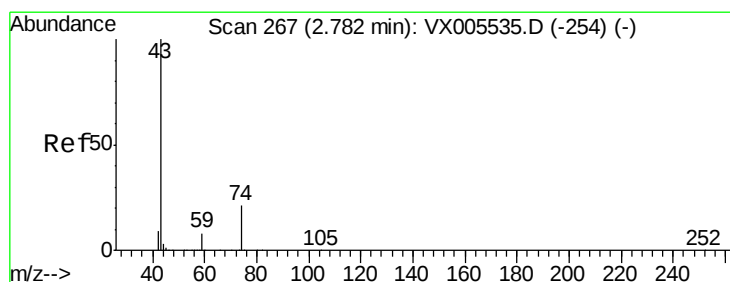
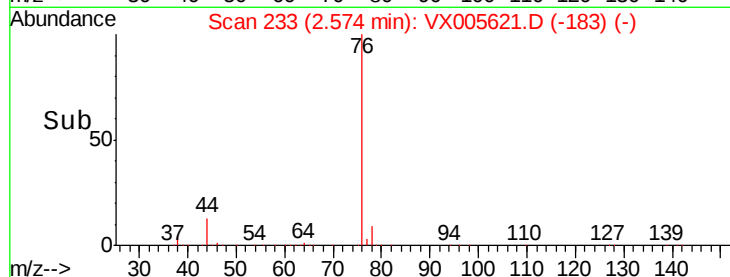
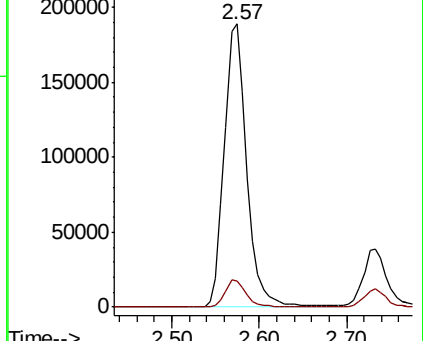
76 100

78 9.3 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: 51.705 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX005621.D

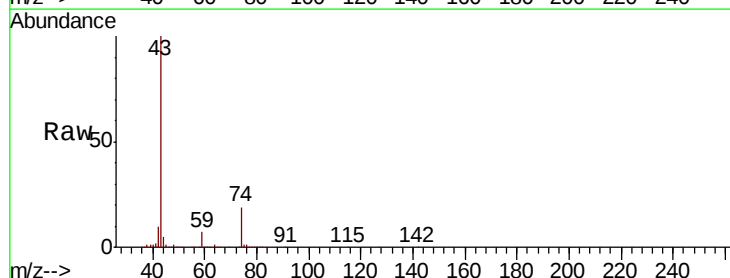
Acq: 26 Oct 2018 22:28

Tgt Ion: 43 Resp: 191026

Ion Ratio Lower Upper

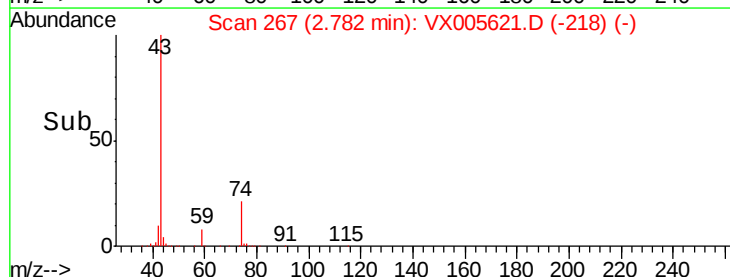
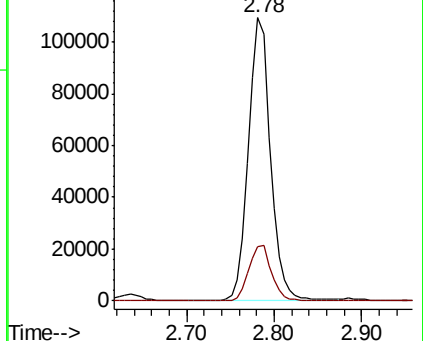
43 100

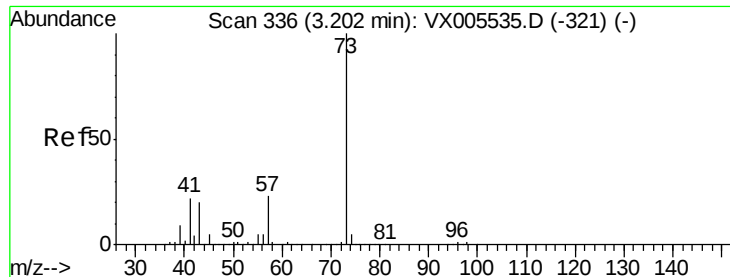
74 20.7 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

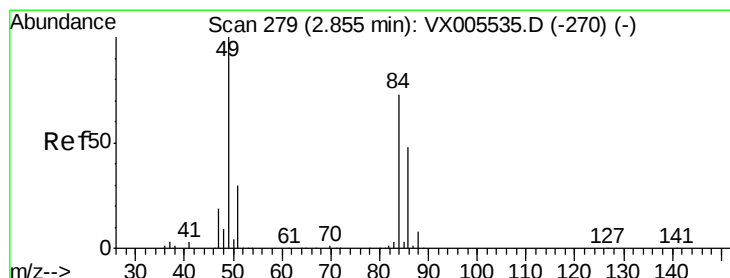
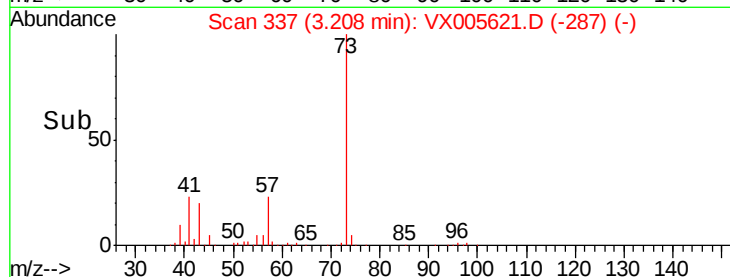
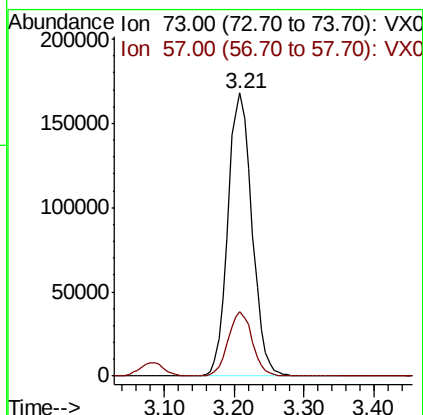
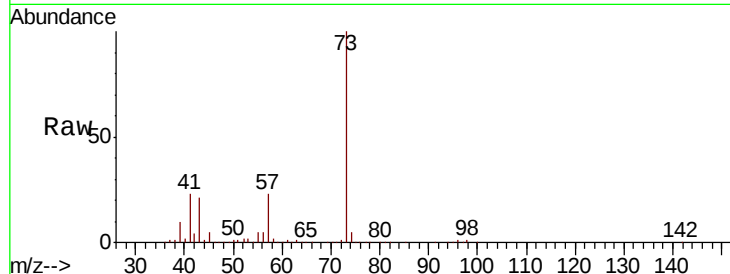




#19
Methyl tert-butyl Ether
Concen: 51.851 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX005621.D
Acq: 26 Oct 2018 22:28

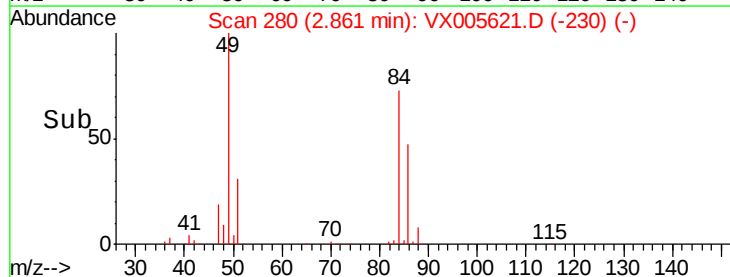
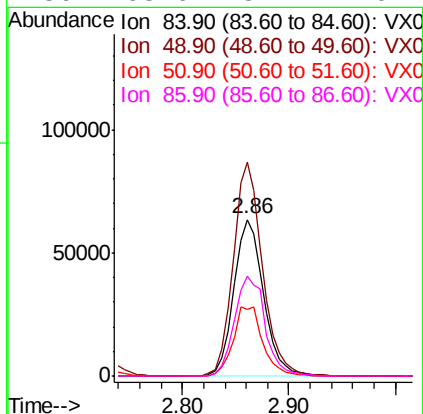
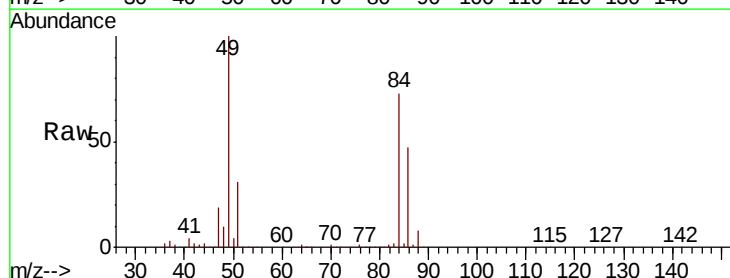
Instrument :
MSVOA_X
ClientSampleId :
MW-15MSD

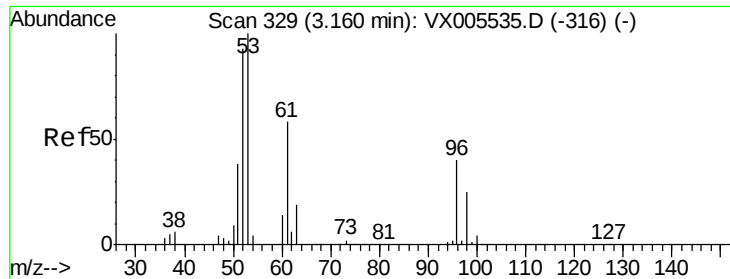
Tot Ion: 73 Resp: 402939
Ion Ratio Lower Upper
73 100
57 22.9 18.8 28.2



#20
Methylene Chloride
Concen: 49.706 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005621.D
Acq: 26 Oct 2018 22:28

Tgt Ion: 84 Resp: 124623
Ion Ratio Lower Upper
84 100
49 136.2 109.5 164.3
51 42.0 33.3 49.9
86 63.6 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 48.964 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX005621.D

Acq: 26 Oct 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

MW-15MSD

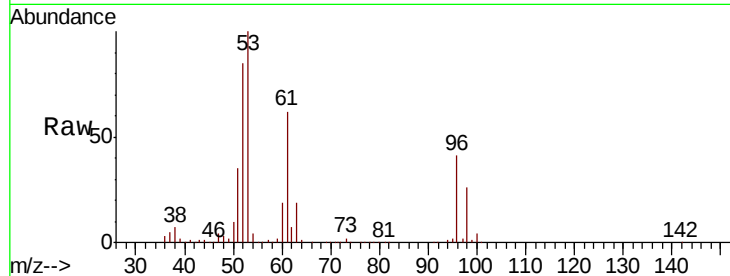
Tot Ion: 96 Resp: 116466

Ion Ratio Lower Upper

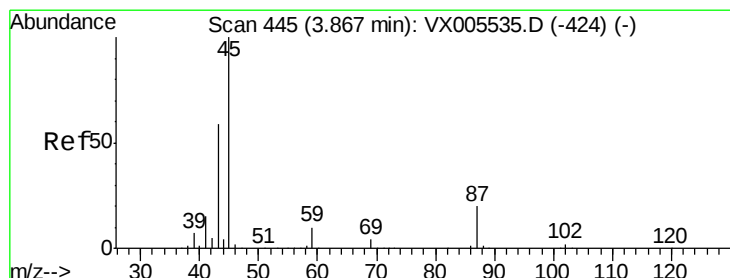
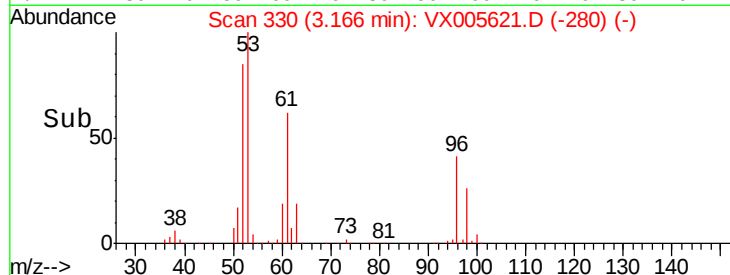
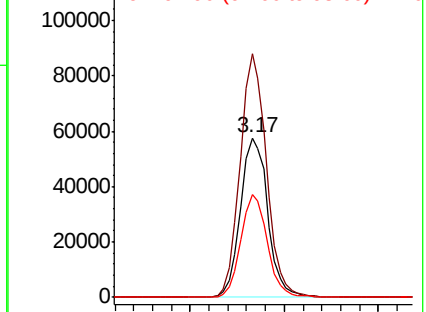
96 100

61 152.4 115.6 173.4

98 64.7 50.2 75.2



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



#22

Diisopropyl ether

Concen: 50.885 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX005621.D

Acq: 26 Oct 2018 22:28

Tgt Ion: 45 Resp: 432044

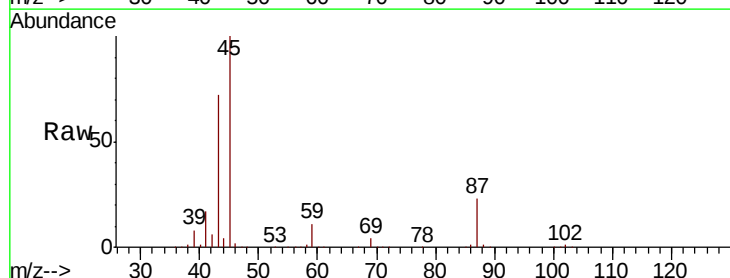
Ion Ratio Lower Upper

45 100

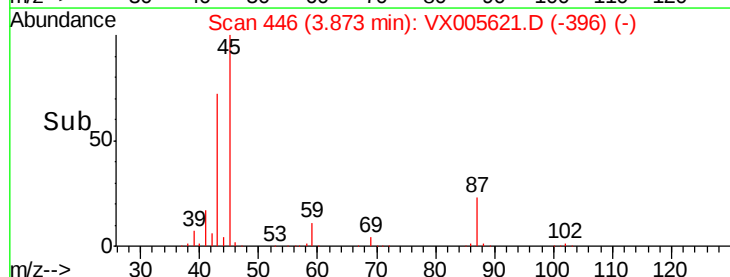
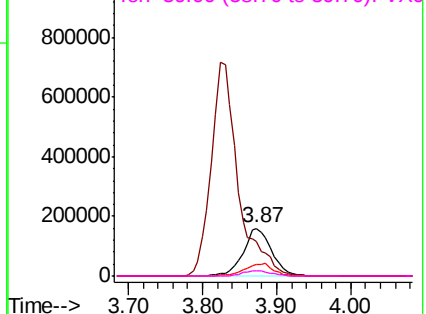
43 71.2 47.4 71.2#

87 23.1 15.9 23.9

59 10.8 7.7 11.5



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 241.933 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX005621.D

Acq: 26 Oct 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

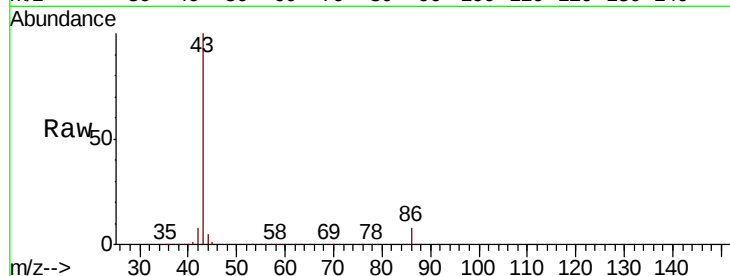
MW-15MSD

Tot Ion: 43 Resp: 1809090

Ion Ratio Lower Upper

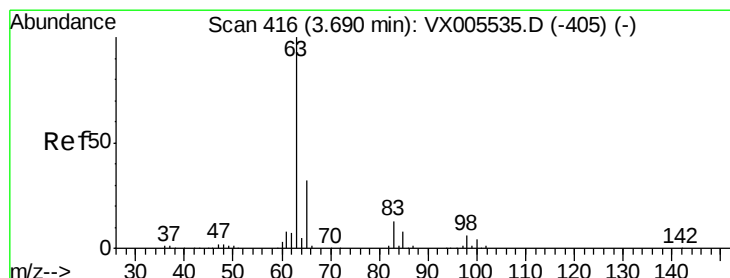
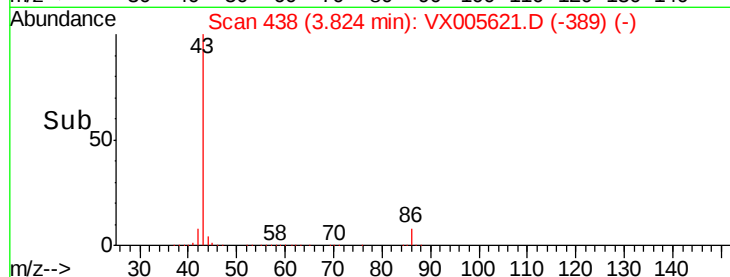
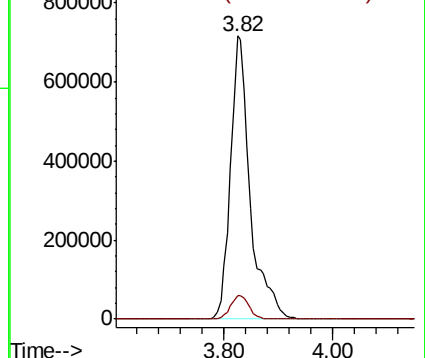
43 100

86 8.2 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.893 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX005621.D

Acq: 26 Oct 2018 22:28

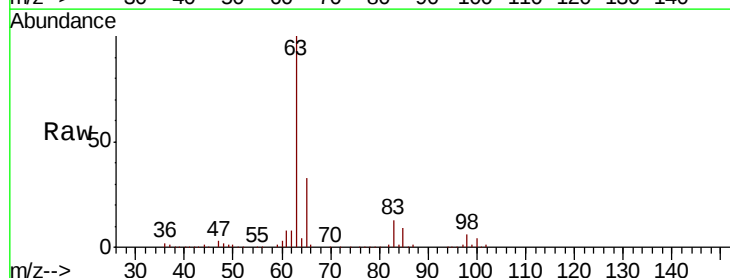
Tgt Ion: 63 Resp: 230311

Ion Ratio Lower Upper

63 100

98 6.4 3.2 9.6

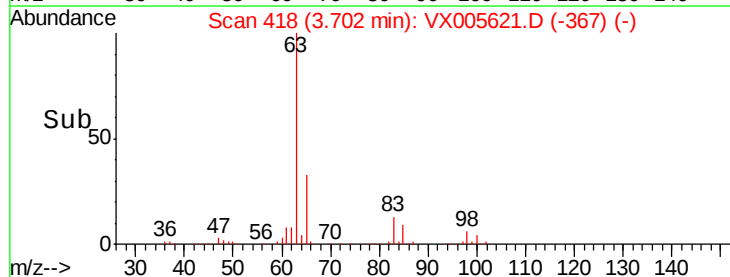
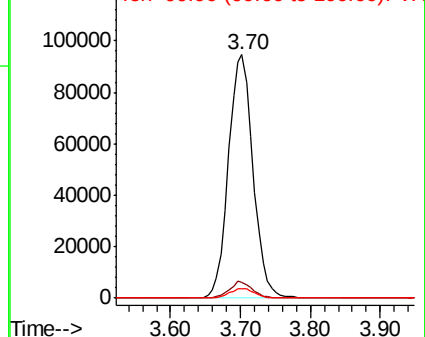
100 3.9 2.1 6.2

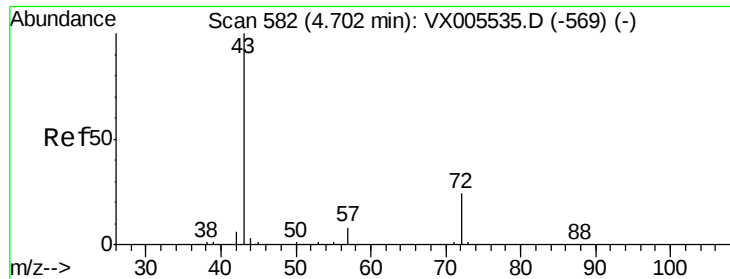


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 254.382 ug/l

RT: 4.71 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX005621.D

Acq: 26 Oct 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

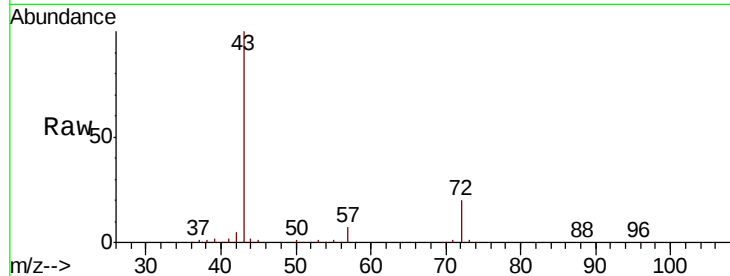
MW-15MSD

Tot Ion: 43 Resp: 579889

Ion Ratio Lower Upper

43 100

72 20.2 19.2 28.8



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

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

250000

200000

150000

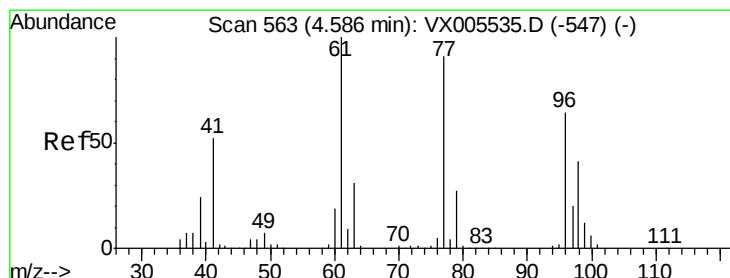
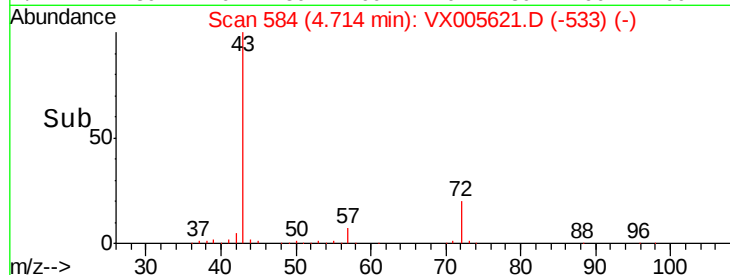
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 41.534 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX005621.D

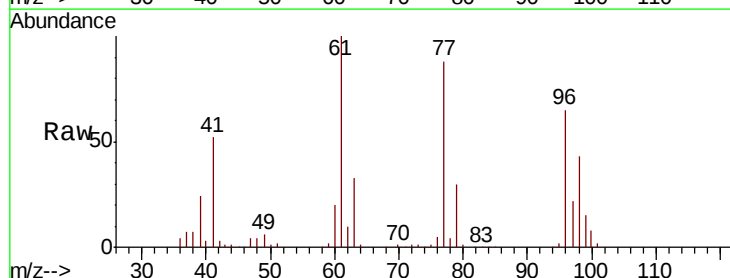
Acq: 26 Oct 2018 22:28

Tgt Ion: 77 Resp: 148021

Ion Ratio Lower Upper

77 100

97 24.0 11.5 34.5



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

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

50000

40000

30000

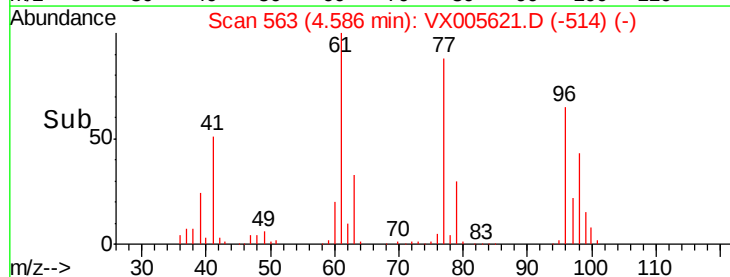
20000

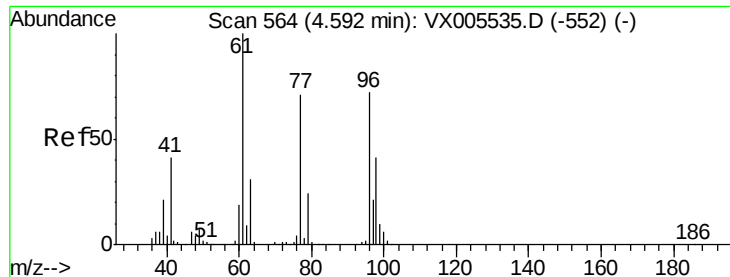
10000

0

4.40 4.50 4.60 4.70

Time-->



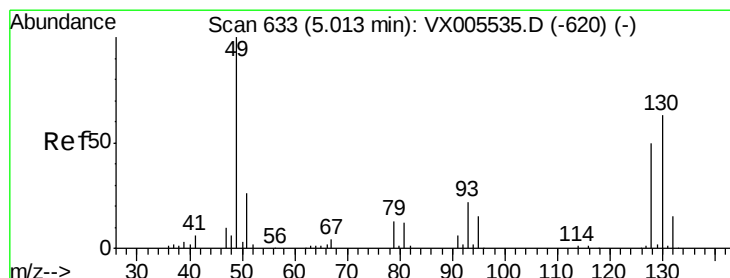
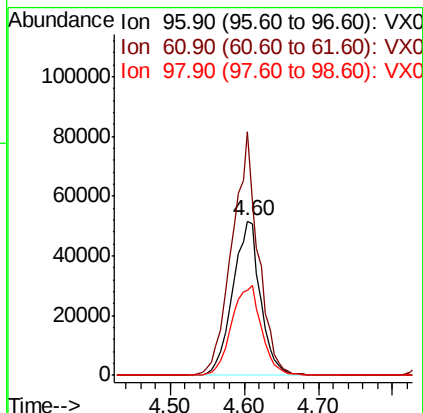
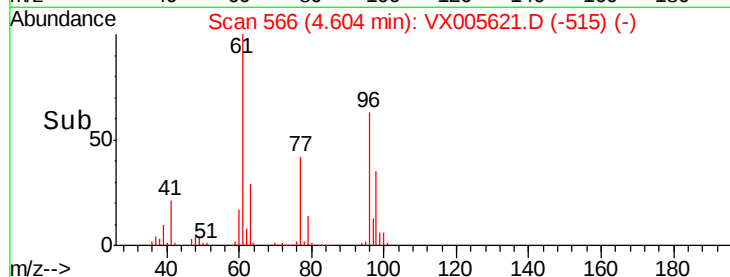
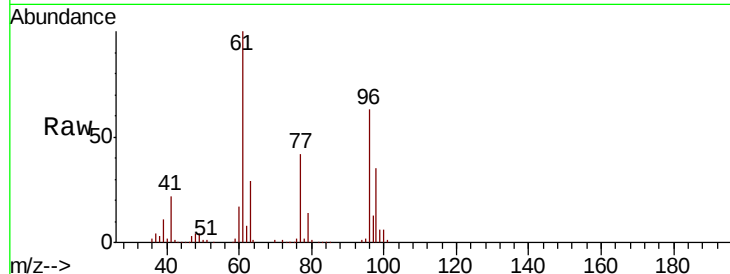


#27

cis-1,2-Dichloroethene
Concen: 52.528 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX005621.D
Acq: 26 Oct 2018 22:28

Instrument :
MSVOA_X
ClientSampled :
MW-15MSD

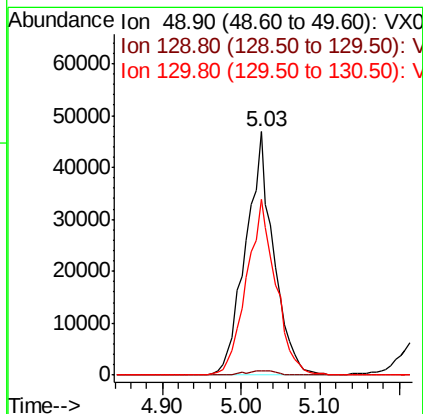
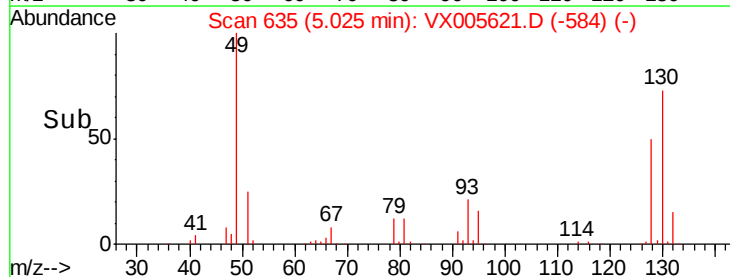
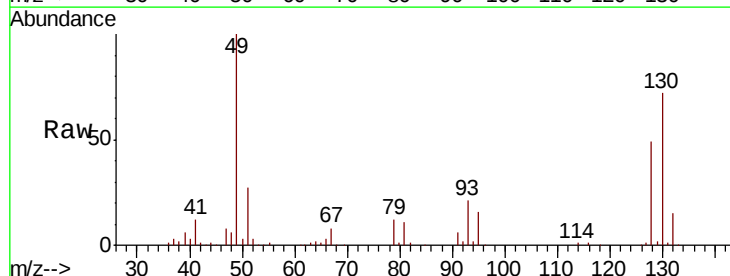
Tot Ion	Ratio	Lower	Upper
96	100		
61	149.3	0.0	304.6
98	62.8	0.0	127.4

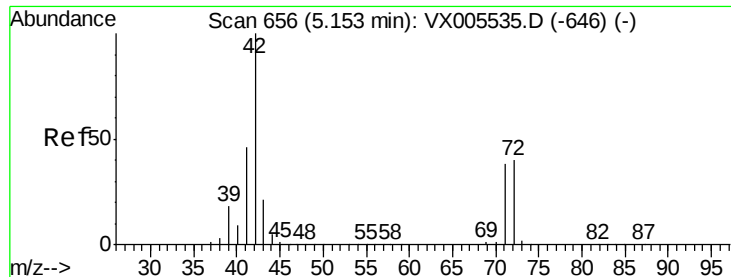


#28

Bromochloromethane
Concen: 51.675 ug/l
RT: 5.03 min Scan# 635
Delta R.T. 0.01 min
Lab File: VX005621.D
Acq: 26 Oct 2018 22:28

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	75.3	58.9	88.3

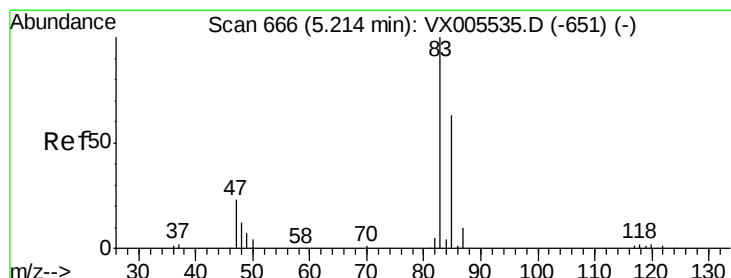
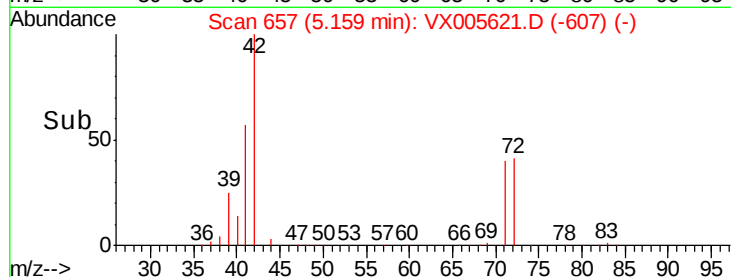
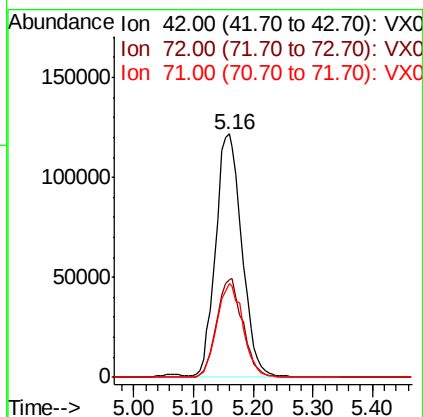
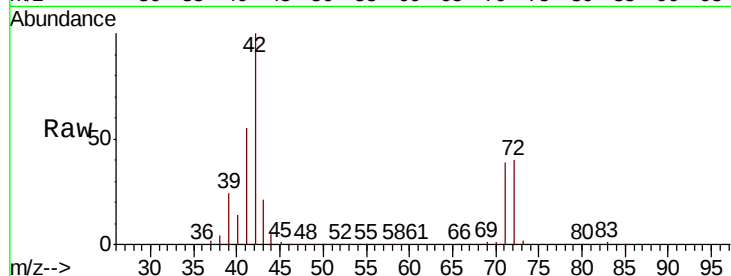




#29
Tetrahydrofuran
Concen: 250.965 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX005621.D
Acq: 26 Oct 2018 22:28

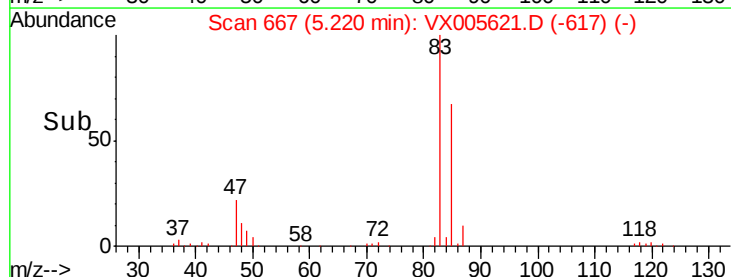
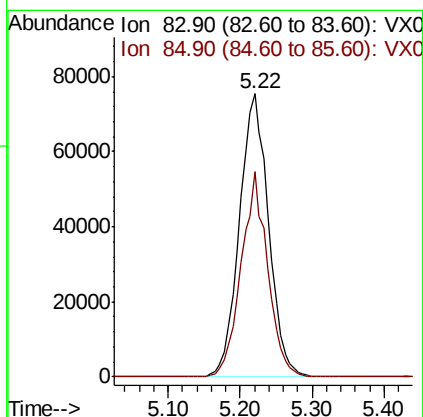
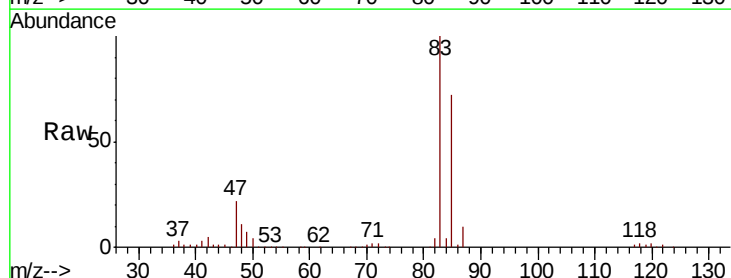
Instrument :
MSVOA_X
ClientSampleId :
MW-15MSD

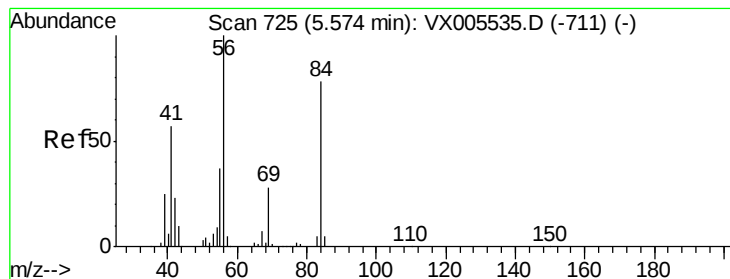
Tot Ion: 42 Resp: 372310
Ion Ratio Lower Upper
42 100
72 40.4 32.0 48.0
71 38.5 29.8 44.8



#30
Chloroform
Concen: 49.023 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX005621.D
Acq: 26 Oct 2018 22:28

Tgt Ion: 83 Resp: 211678
Ion Ratio Lower Upper
83 100
85 72.4 50.6 76.0





#31

Cyclohexane

Concen: 52.792 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX005621.D

Acq: 26 Oct 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

MW-15MSD

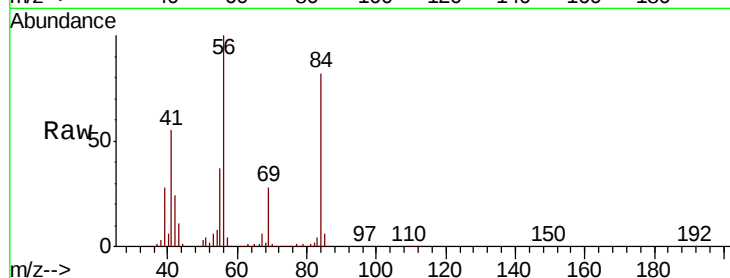
Tot Ion: 56 Resp: 201632

Ion Ratio Lower Upper

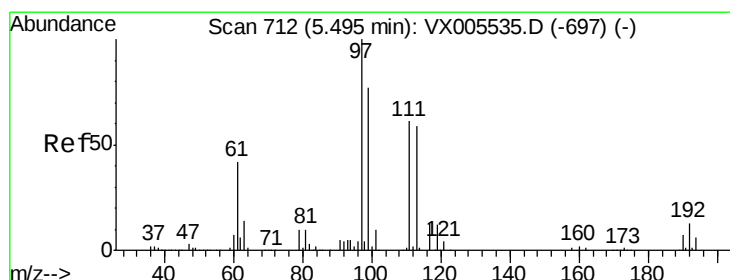
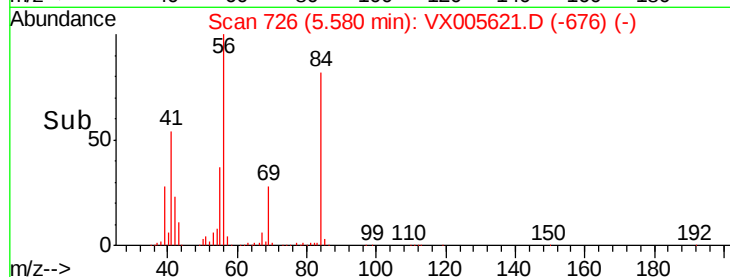
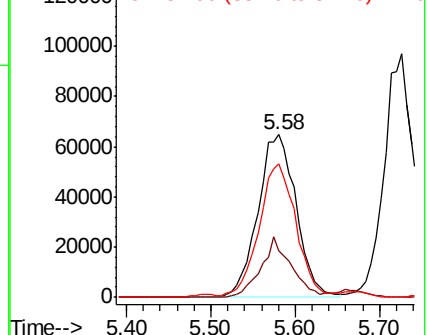
56 100

69 28.3 22.6 34.0

84 81.3 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: 49.369 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX005621.D

Acq: 26 Oct 2018 22:28

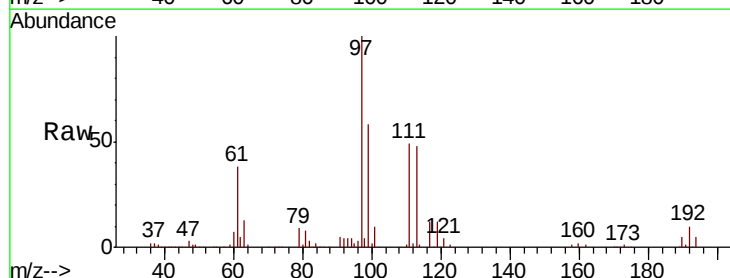
Tgt Ion: 97 Resp: 188147

Ion Ratio Lower Upper

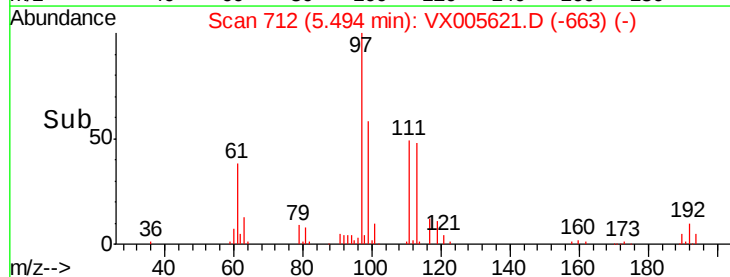
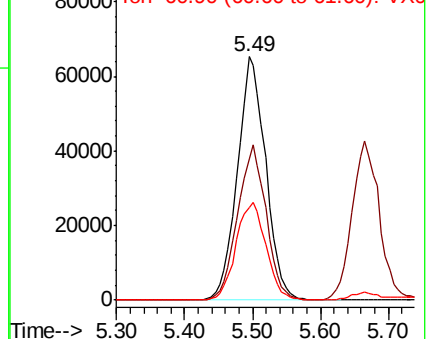
97 100

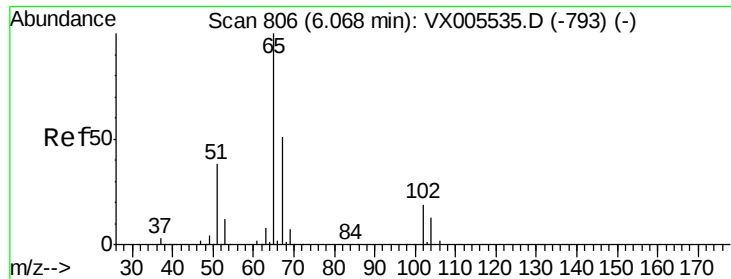
99 64.1 52.3 78.5

61 43.0 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: 49.009 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005621.D

Acq: 26 Oct 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

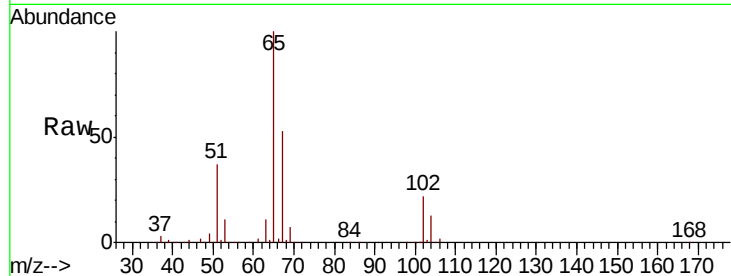
MW-15MSD

Tot Ion: 65 Resp: 138842

Ion Ratio Lower Upper

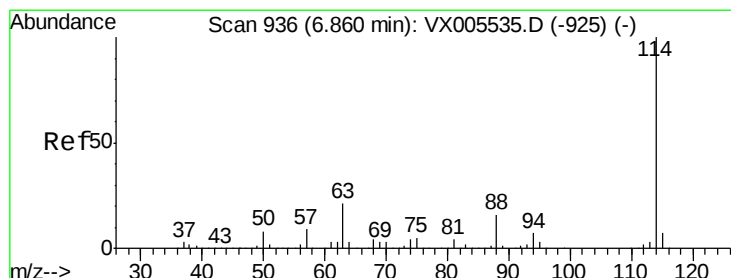
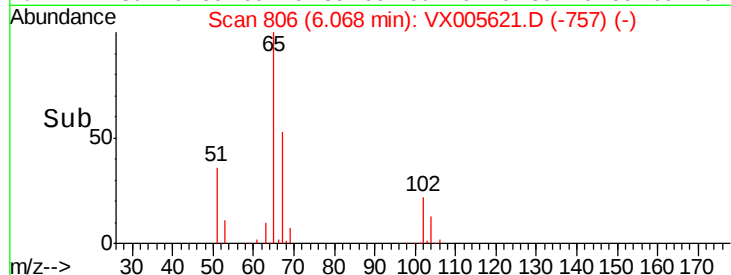
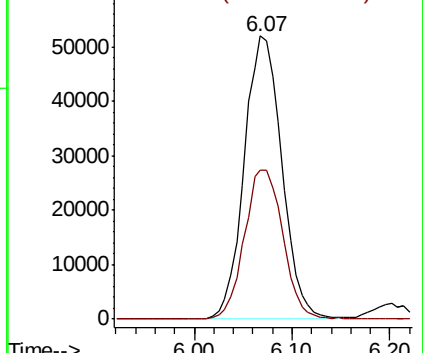
65 100

67 54.1 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX005621.D

Acq: 26 Oct 2018 22:28

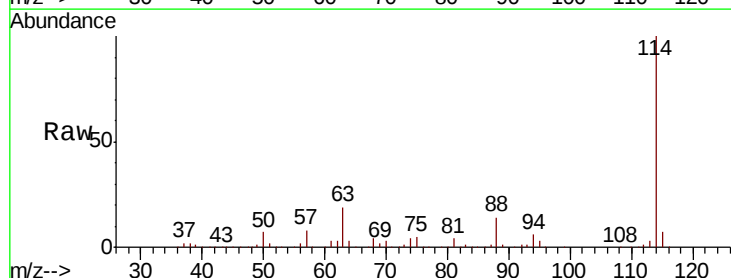
Tgt Ion: 114 Resp: 347997

Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.8

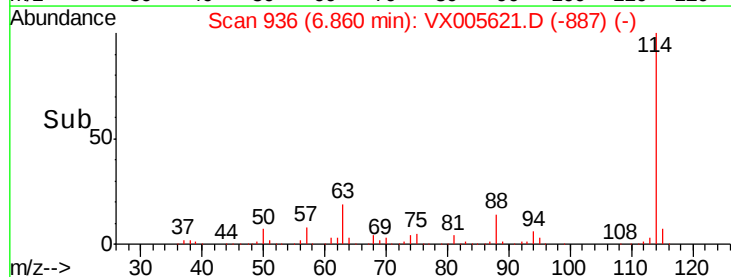
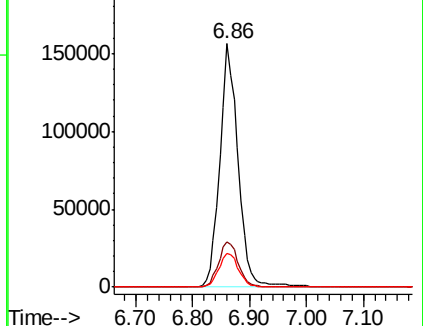
88 13.8 0.0 31.2

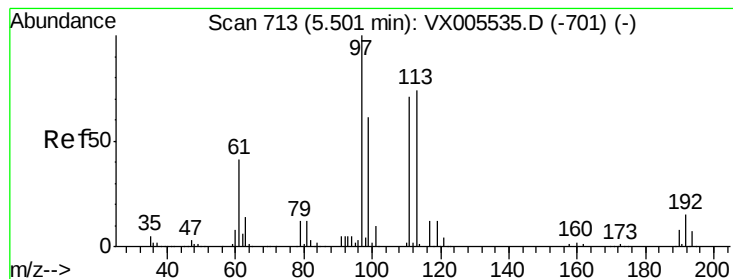


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.381 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005621.D

Acq: 26 Oct 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

MW-15MSD

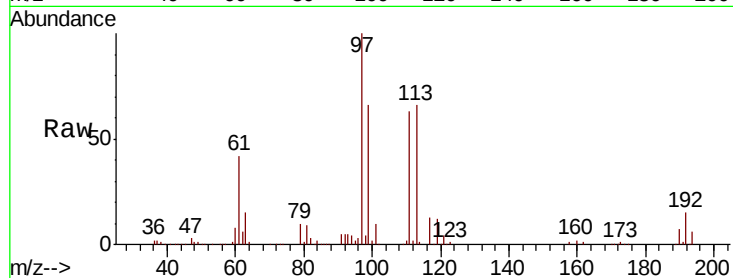
Tot Ion:113 Resp: 114001

Ion Ratio Lower Upper

113 100

111 102.7 82.3 123.5

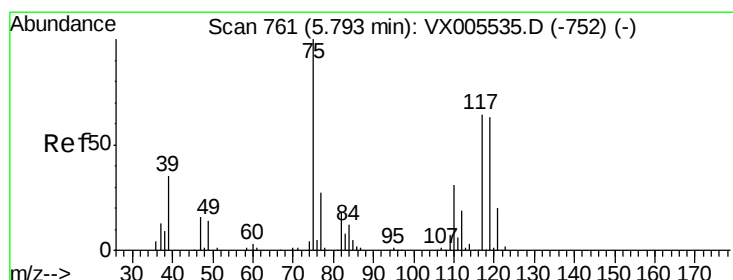
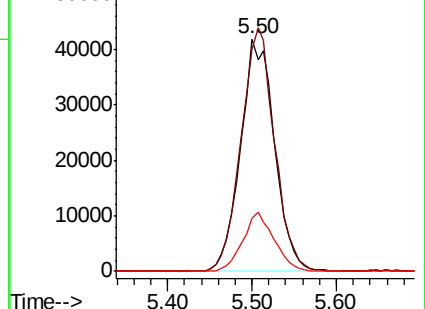
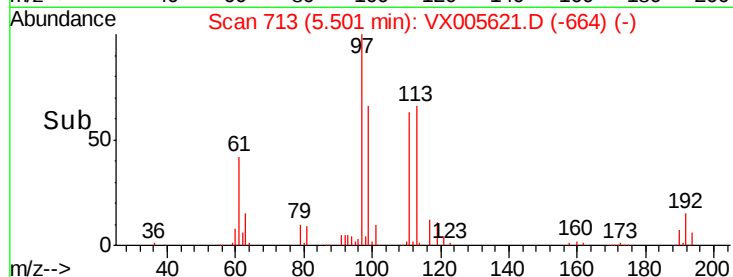
192 23.2 17.9 26.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.256 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.01 min

Lab File: VX005621.D

Acq: 26 Oct 2018 22:28

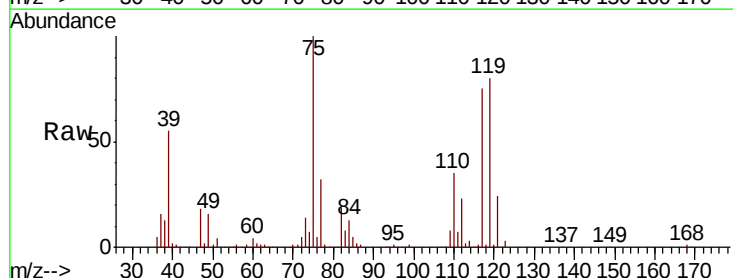
Tgt Ion: 75 Resp: 162967

Ion Ratio Lower Upper

75 100

110 35.2 17.4 52.2

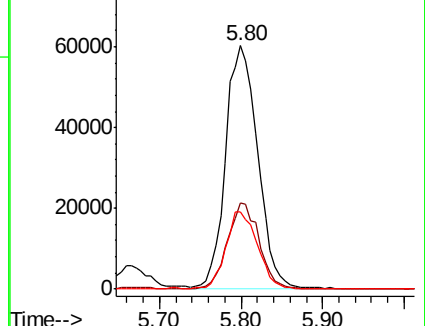
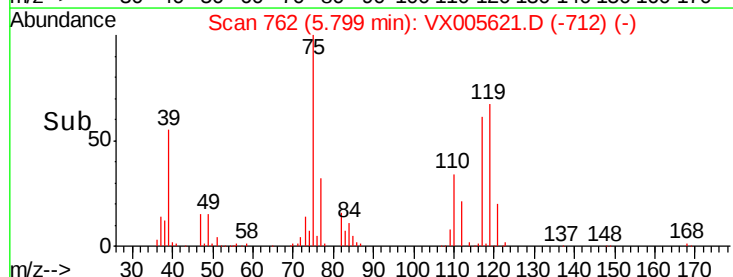
77 32.0 25.8 38.6

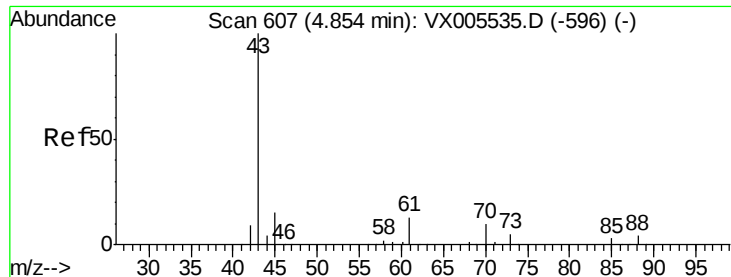


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

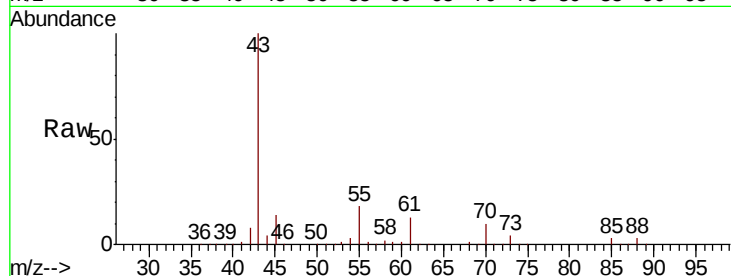




#37
Ethyl Acetate
Concen: 45.542 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX005621.D
Acq: 26 Oct 2018 22:28

Instrument :
MSVOA_X
ClientSampleID :
MW-15MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.8	16.2
70	10.0	7.8	11.8

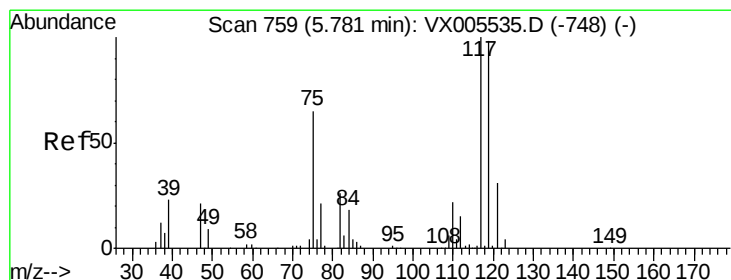
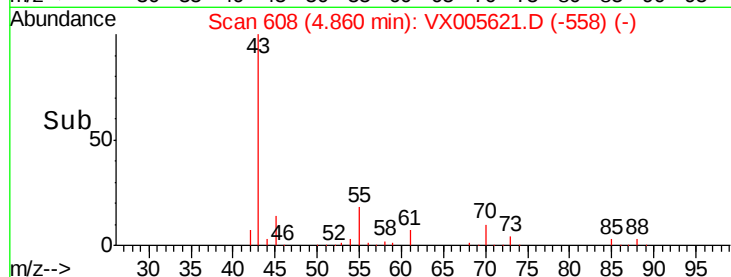
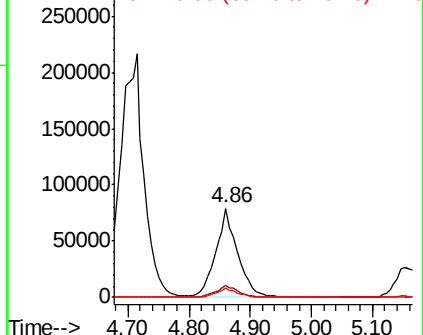


Abundance

Ion 43.00 (42.70 to 43.70): VX0

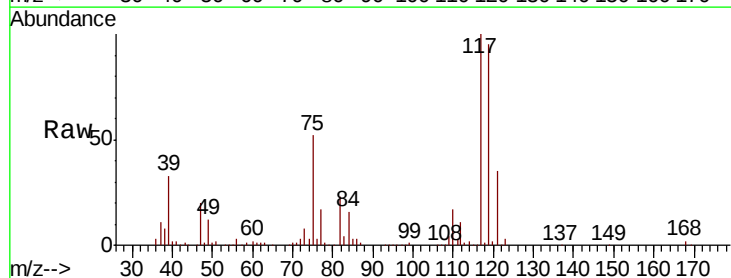
Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38
Carbon Tetrachloride
Concen: 47.244 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005621.D
Acq: 26 Oct 2018 22:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	78.1	117.1
121	34.9	24.6	36.8

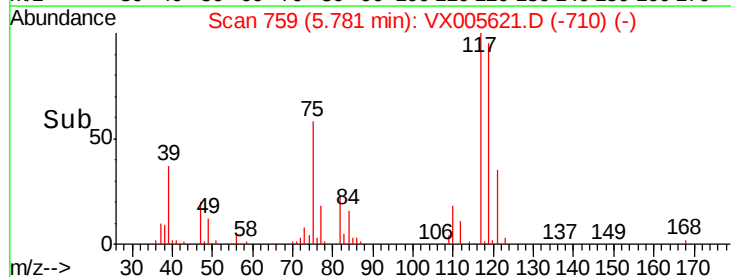
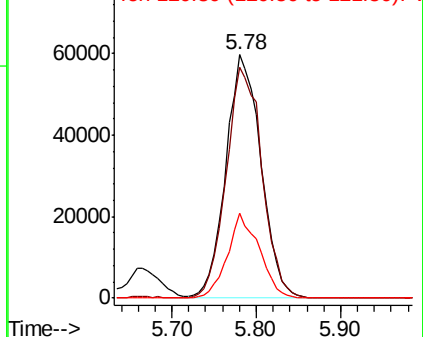


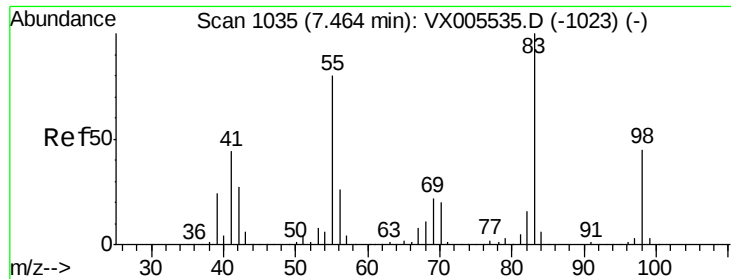
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

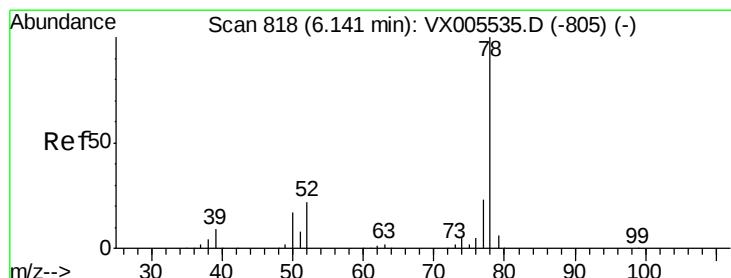
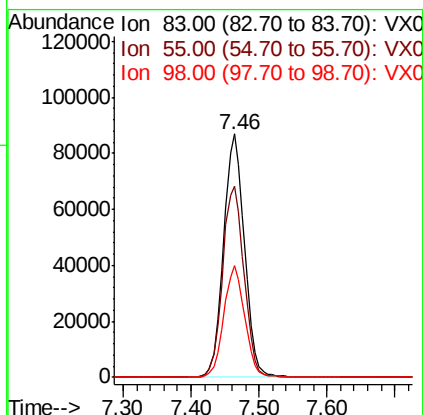
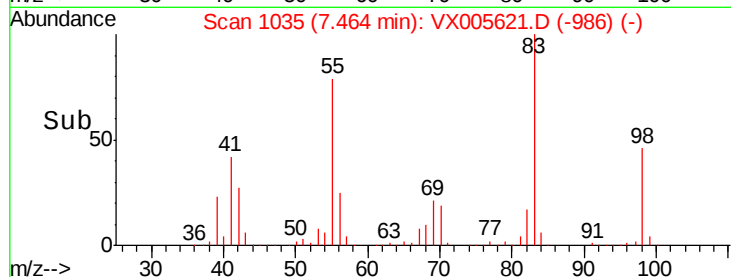
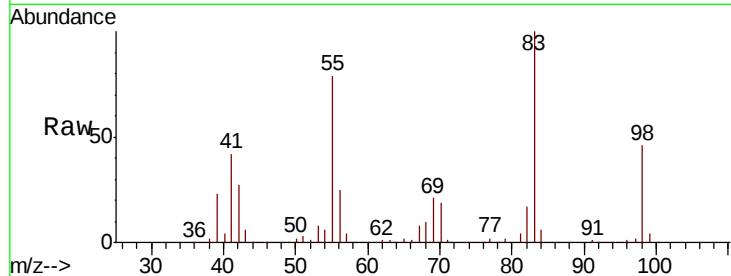




#39
Methvlcvclohexane
Concen: 49.645 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX005621.D
Acq: 26 Oct 2018 22:28

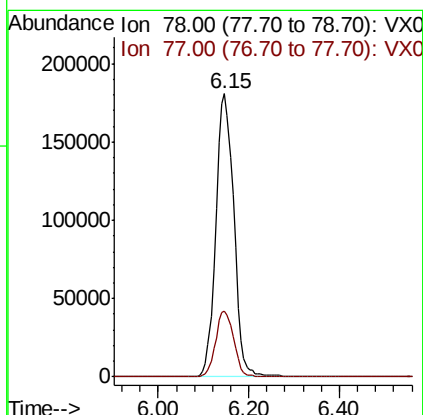
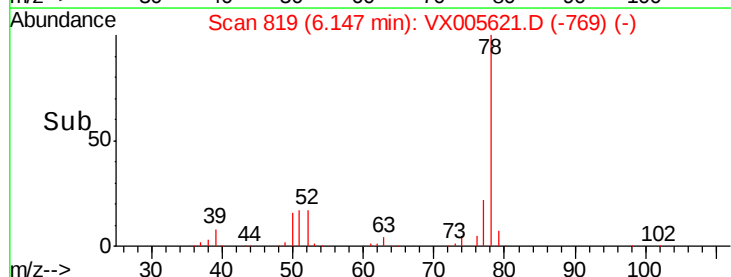
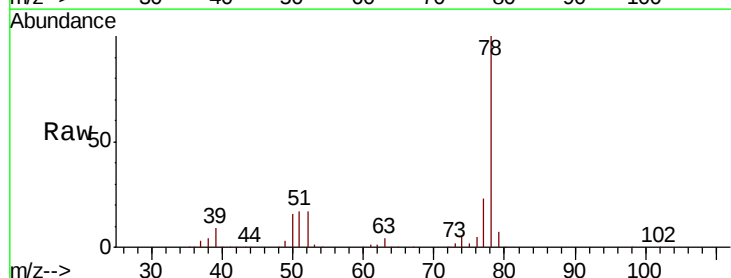
Instrument :
MSVOA_X
ClientSampleId :
MW-15MSD

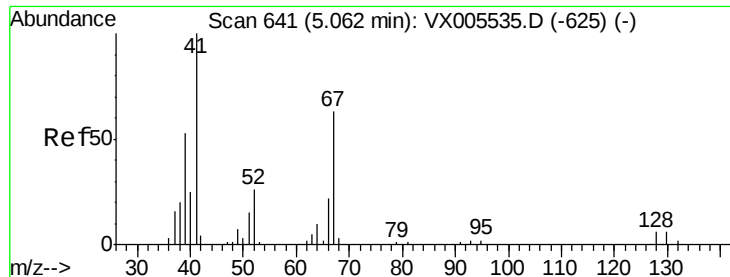
Tot Ion: 83 Resp: 185134
Ion Ratio Lower Upper
83 100
55 78.7 63.7 95.5
98 45.8 36.2 54.2



#40
Benzene
Concen: 51.962 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX005621.D
Acq: 26 Oct 2018 22:28

Tgt Ion: 78 Resp: 503043
Ion Ratio Lower Upper
78 100
77 23.4 18.4 27.6

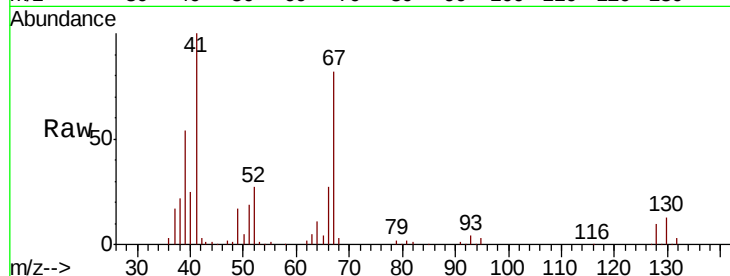




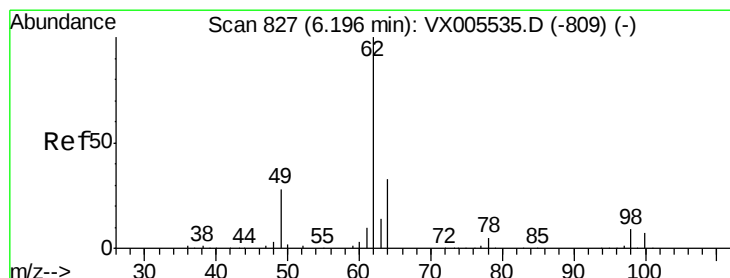
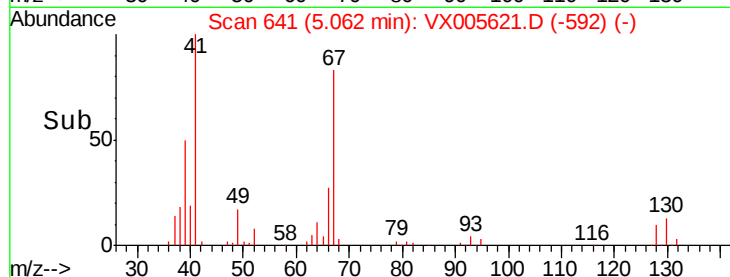
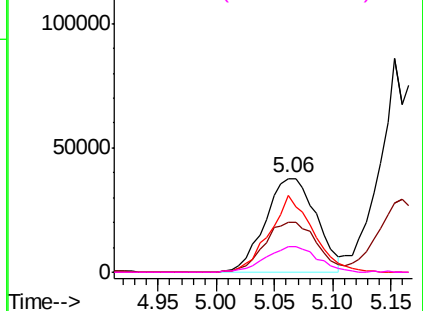
#41
Methacrylonitrile
Concen: 47.801 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005621.D
Acq: 26 Oct 2018 22:28

Instrument :
MSVOA_X
ClientSampled :
MW-15MSD

Tot Ion:	41	Resp:	114749
Ion	Ratio	Lower	Upper
41	100		
39	55.2	42.2	63.2
67	70.0	53.4	80.0
52	27.6	23.4	35.2

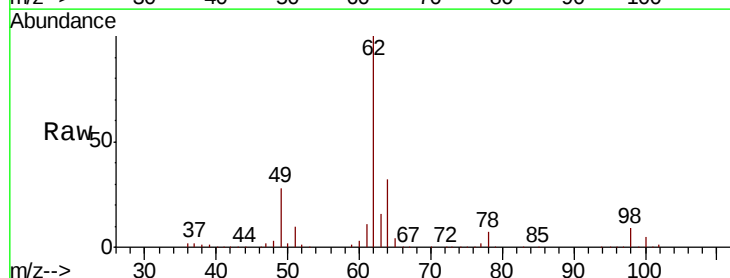


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

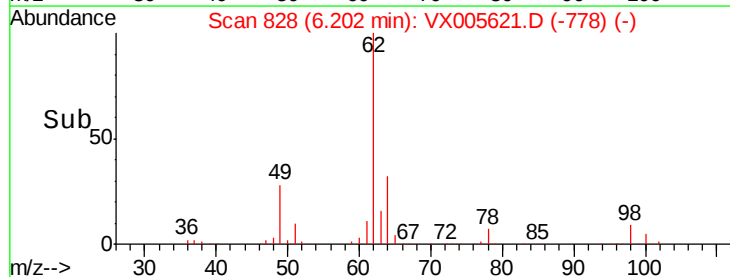
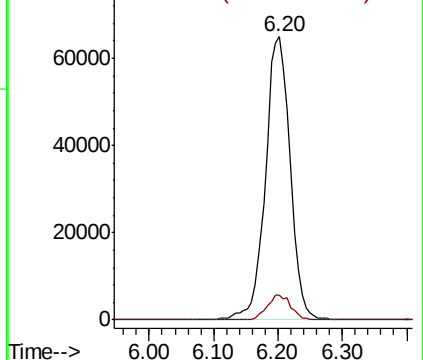


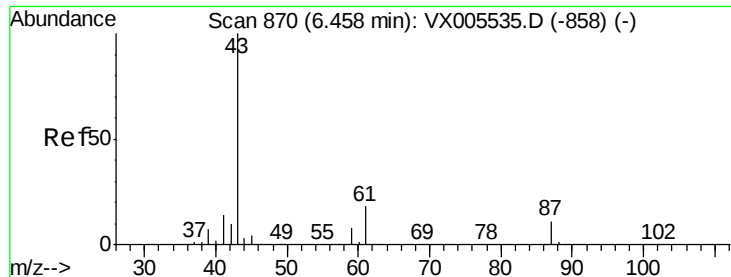
#42
1,2-Dichloroethane
Concen: 47.464 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX005621.D
Acq: 26 Oct 2018 22:28

Tgt Ion:	62	Resp:	174557
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.8



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





#43

Isopropyl Acetate

Concen: 46.124 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX005621.D

Acq: 26 Oct 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

MW-15MSD

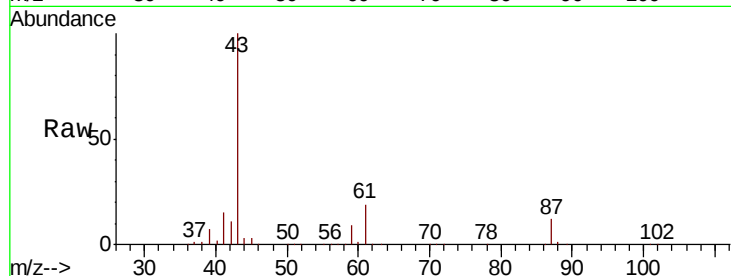
Tot Ion: 43 Resp: 297864

Ion Ratio Lower Upper

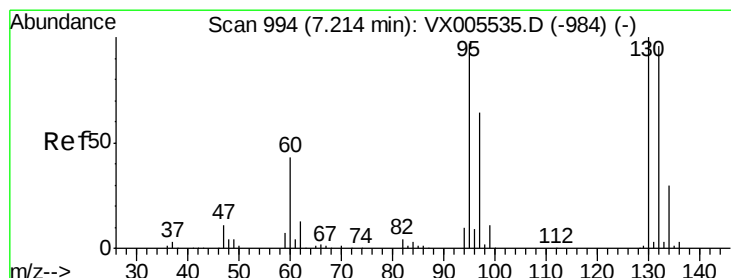
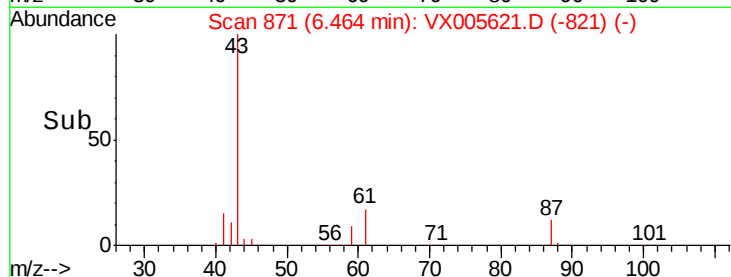
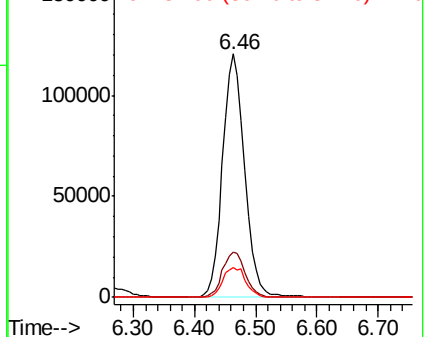
43 100

61 19.2 14.6 22.0

87 12.9 9.6 14.4



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



#44

Trichloroethene

Concen: 48.838 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX005621.D

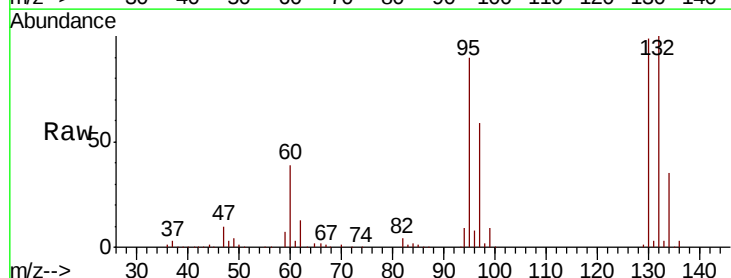
Acq: 26 Oct 2018 22:28

Tgt Ion:130 Resp: 128802

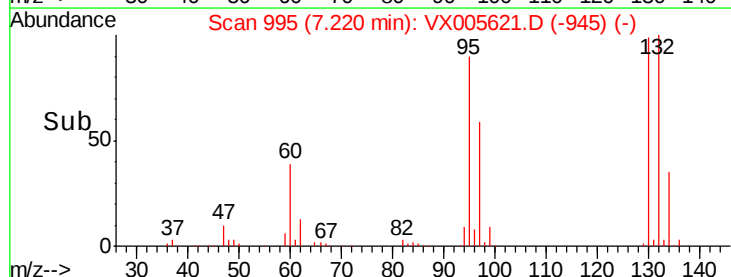
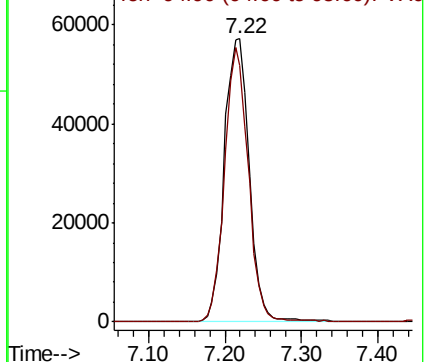
Ion Ratio Lower Upper

130 100

95 90.7 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: 50.262 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX005621.D

Acq: 26 Oct 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

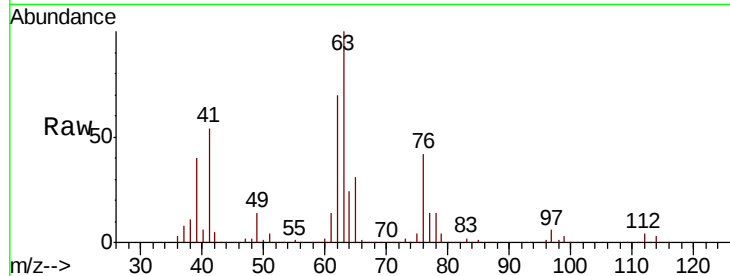
MW-15MSD

Tot Ion: 63 Resp: 130821

Ion Ratio Lower Upper

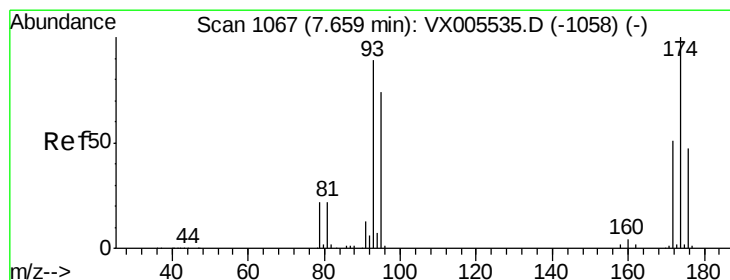
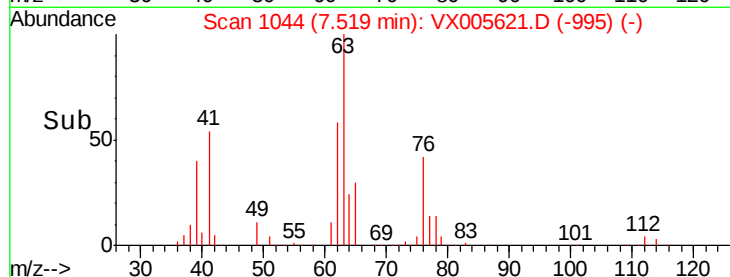
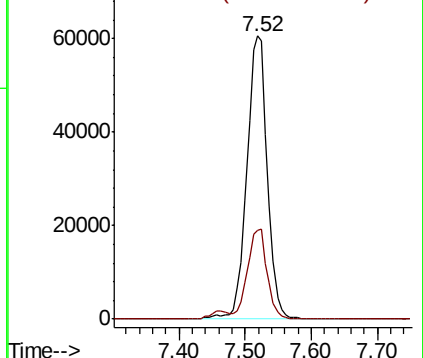
63 100

65 31.3 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: 48.007 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX005621.D

Acq: 26 Oct 2018 22:28

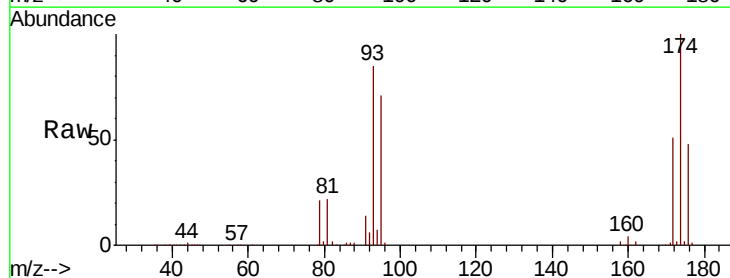
Tgt Ion: 93 Resp: 80701

Ion Ratio Lower Upper

93 100

95 83.4 67.4 101.0

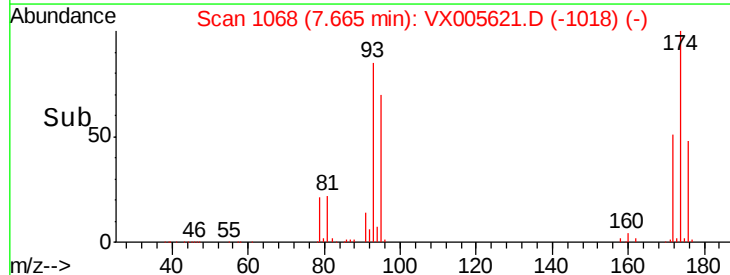
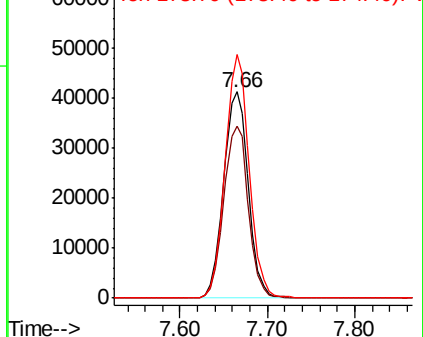
174 115.0 91.5 137.3

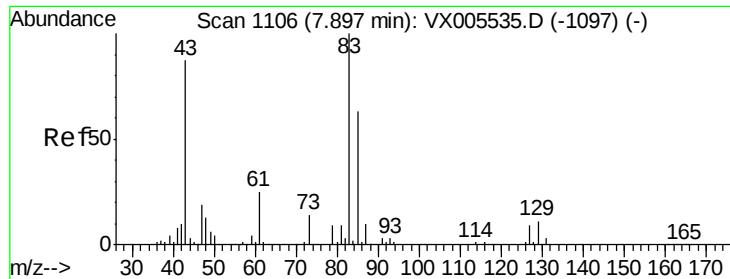


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.051 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX005621.D

Acq: 26 Oct 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

MW-15MSD

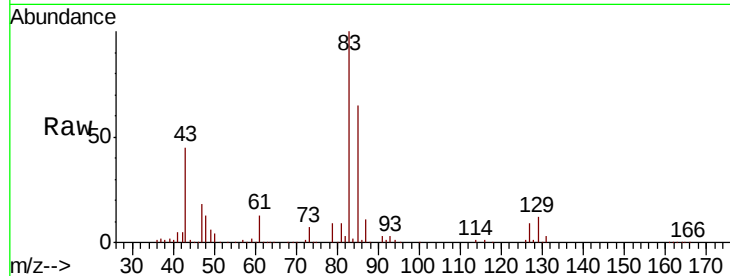
Tot Ion: 83 Resp: 156772

Ion Ratio Lower Upper

83 100

85 64.5 50.2 75.4

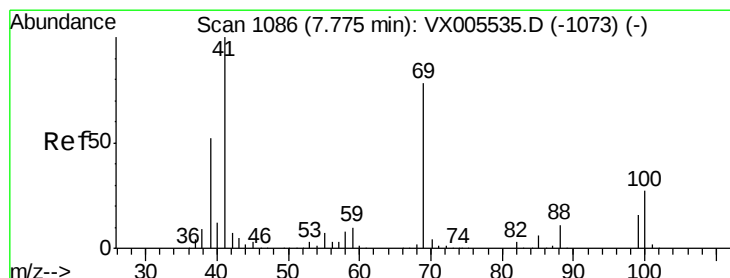
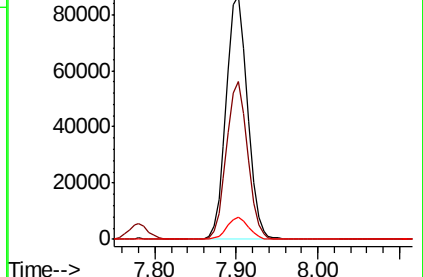
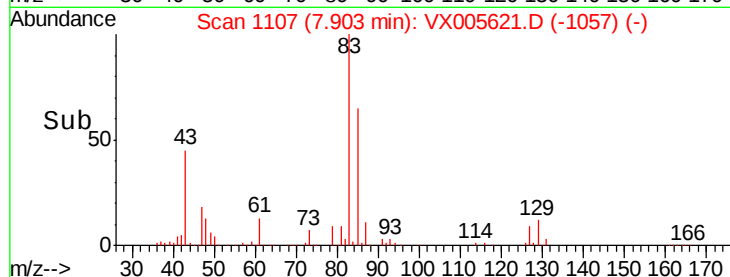
127 9.0 6.9 10.3



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: 51.134 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.01 min

Lab File: VX005621.D

Acq: 26 Oct 2018 22:28

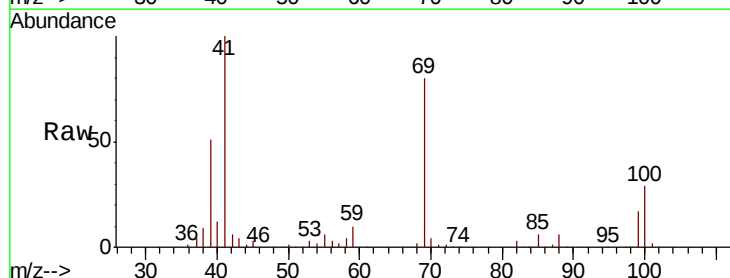
Tgt Ion: 41 Resp: 160870

Ion Ratio Lower Upper

41 100

69 78.8 63.2 94.8

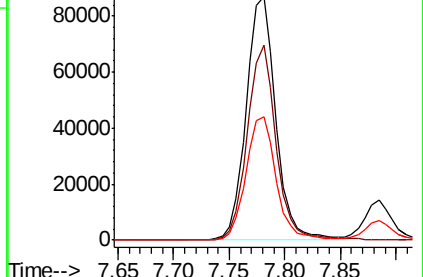
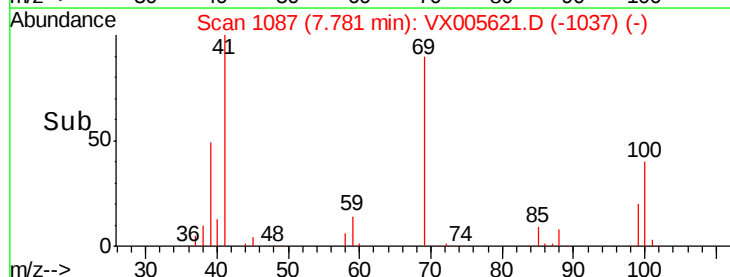
39 51.4 42.2 63.2

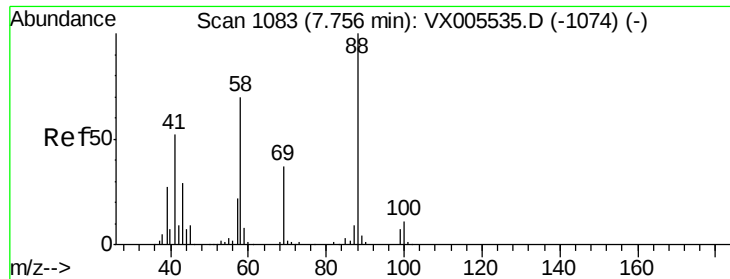


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

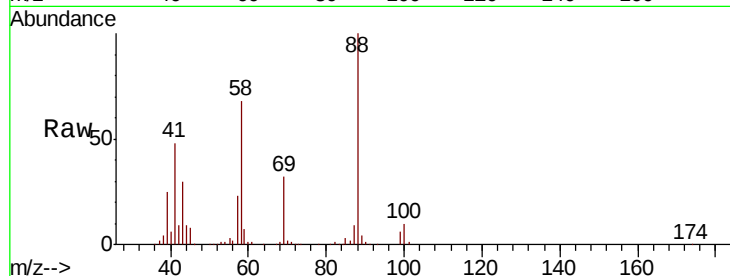




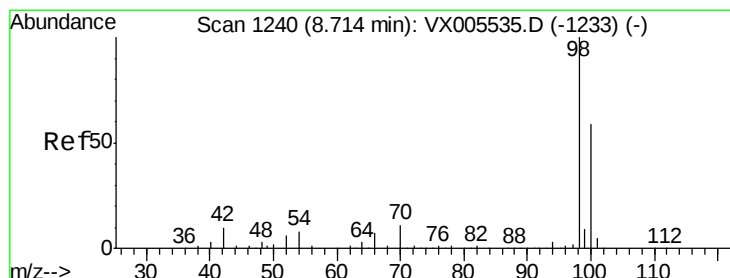
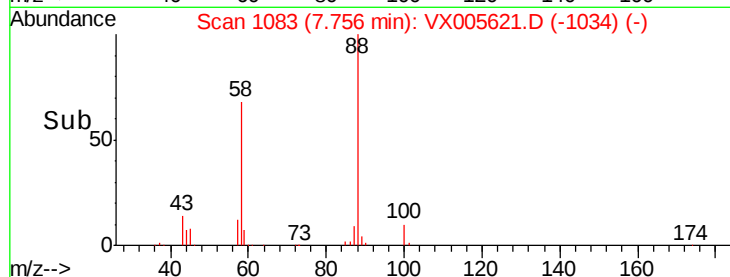
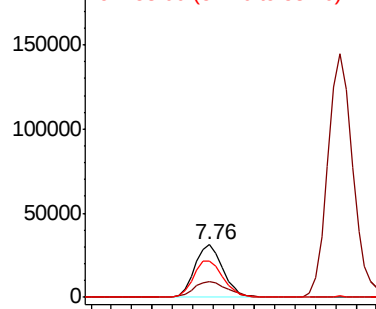
#49
1,4-Dioxane
Concen: 870.219 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005621.D
Acq: 26 Oct 2018 22:28

Instrument :
MSVOA_X
ClientSampleId :
MW-15MSD

Tot Ion: 88 Resp: 59829
Ion Ratio Lower Upper
88 100
43 35.6 27.4 41.0
58 73.8 59.4 89.2

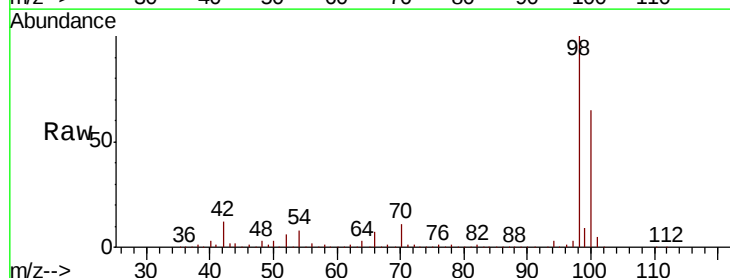


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

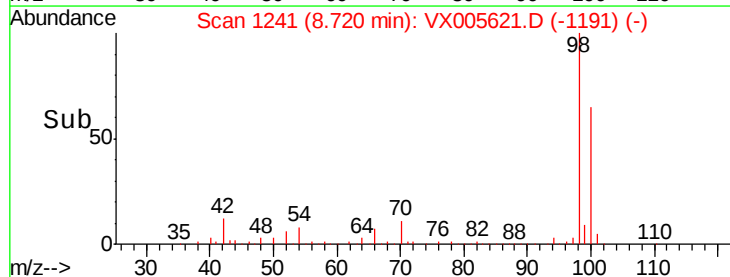
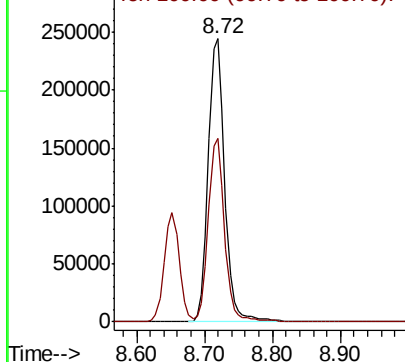


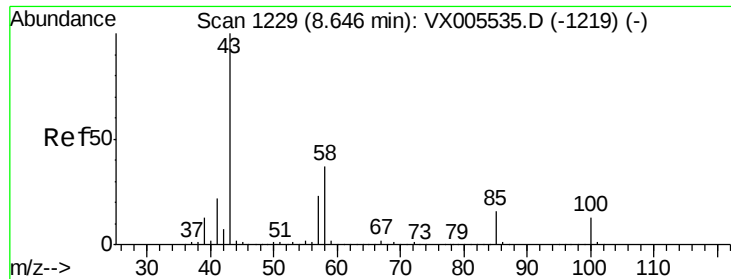
#50
Toluene-d8
Concen: 48.579 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX005621.D
Acq: 26 Oct 2018 22:28

Tgt Ion: 98 Resp: 411312
Ion Ratio Lower Upper
98 100
100 64.1 51.3 76.9



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





#51

4-Methyl-2-Pentanone

Concen: 245.966 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.01 min

Lab File: VX005621.D

Acq: 26 Oct 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

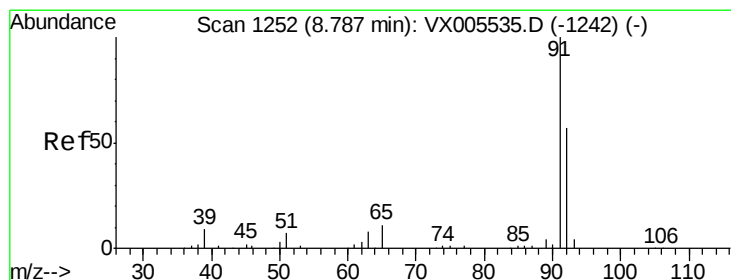
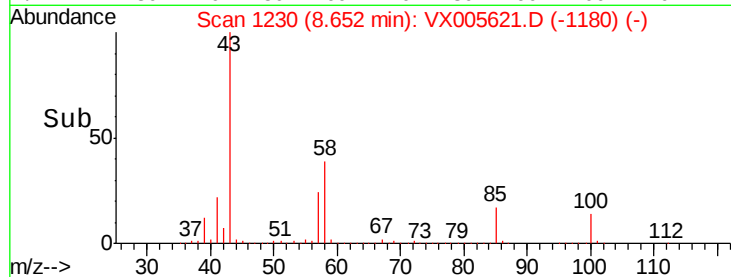
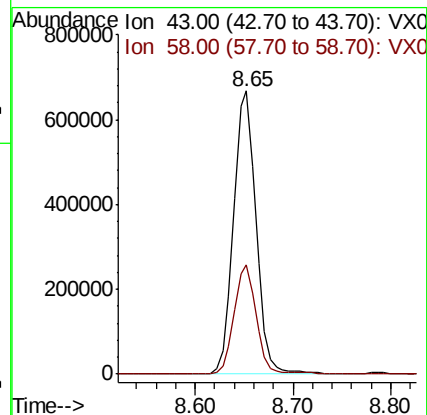
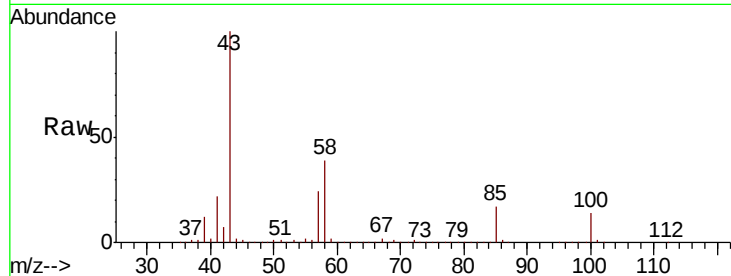
MW-15MSD

Tot Ion: 43 Resp: 1067521

Ion Ratio Lower Upper

43 100

58 37.4 29.7 44.5



#52

Toluene

Concen: 50.205 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005621.D

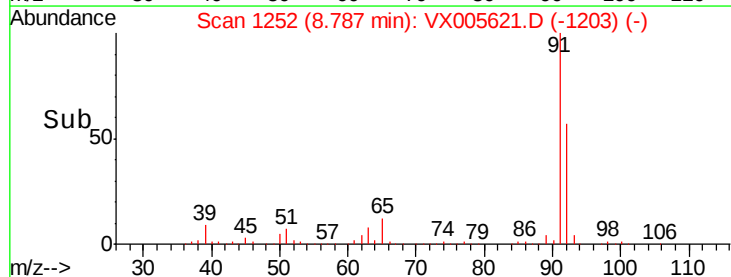
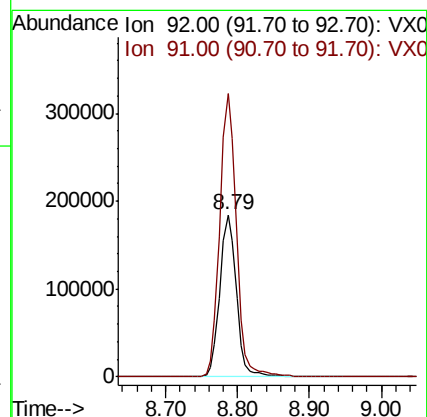
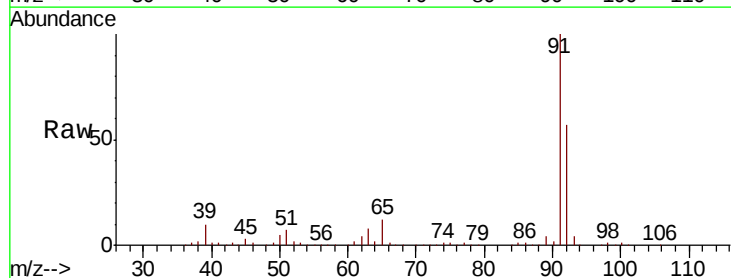
Acq: 26 Oct 2018 22:28

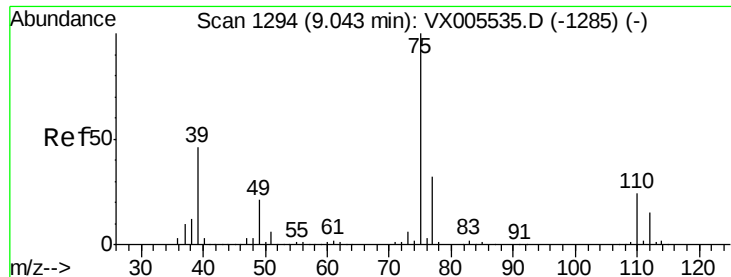
Tgt Ion: 92 Resp: 295390

Ion Ratio Lower Upper

92 100

91 175.3 140.4 210.6

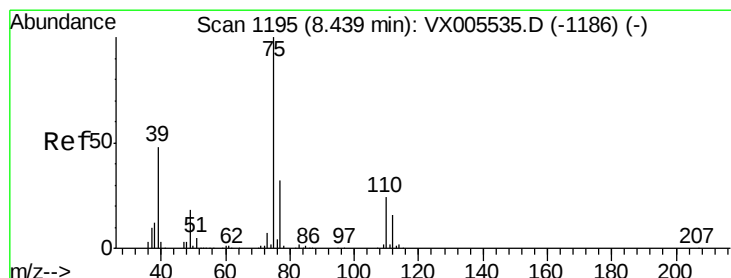
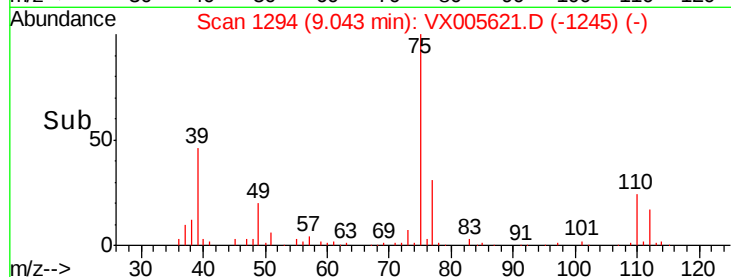
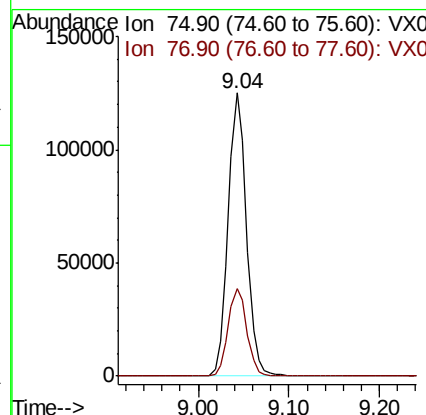
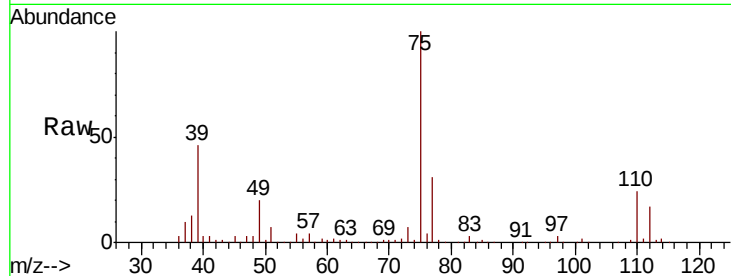




#53
t-1,3-Dichloropropene
Concen: 50.052 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005621.D
Acq: 26 Oct 2018 22:28

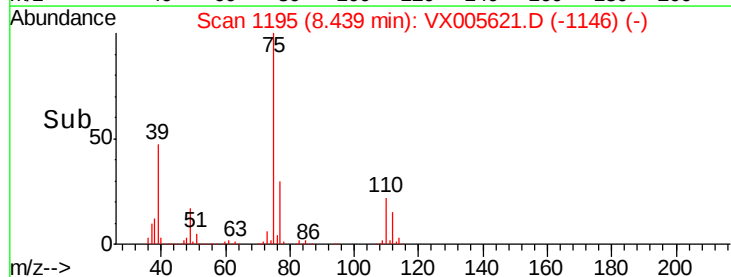
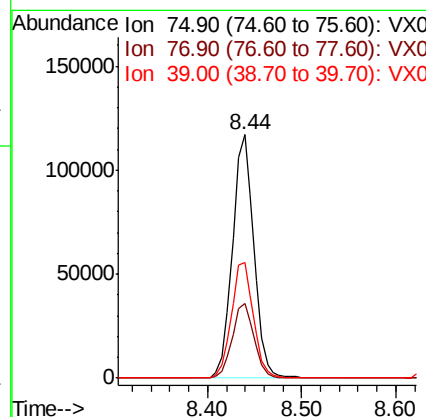
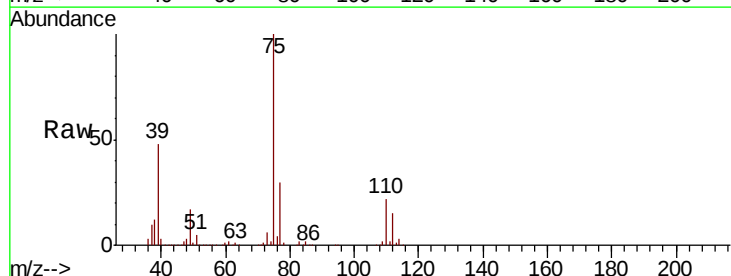
Instrument :
MSVOA_X
ClientSampleId :
MW-15MSD

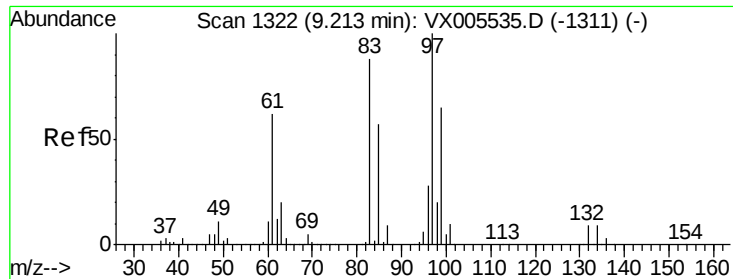
Tot Ion: 75 Resp: 176490
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 48.518 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX005621.D
Acq: 26 Oct 2018 22:28

Tgt Ion: 75 Resp: 184194
Ion Ratio Lower Upper
75 100
77 30.4 25.2 37.8
39 47.3 38.2 57.2





#55

1,1,2-Trichloroethane

Concen: 47.668 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VX005621.D

Acq: 26 Oct 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

MW-15MSD

Tot Ion: 97 Resp: 118243

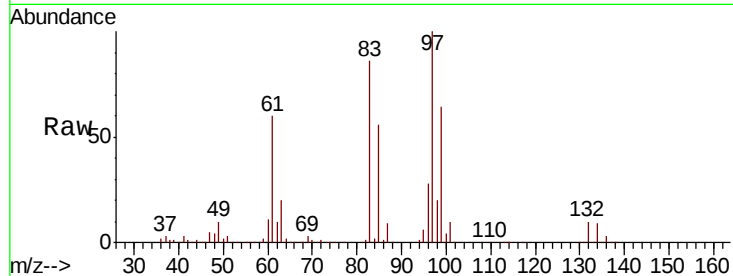
Ion Ratio Lower Upper

97 100

83 86.4 70.7 106.1

85 56.3 45.8 68.6

99 64.0 51.8 77.8

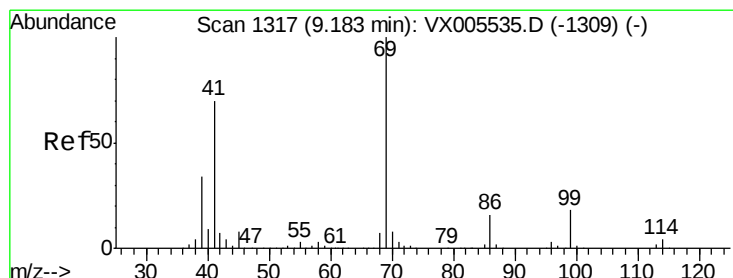
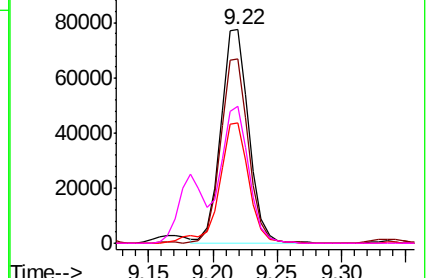
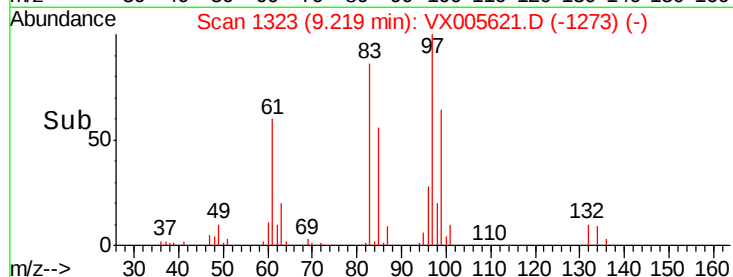


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 53.076 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VX005621.D

Acq: 26 Oct 2018 22:28

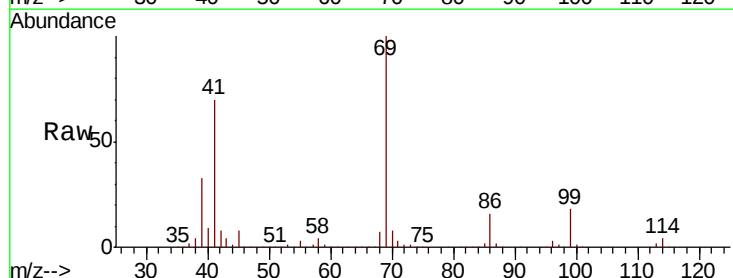
Tgt Ion: 69 Resp: 196382

Ion Ratio Lower Upper

69 100

41 71.1 57.0 85.6

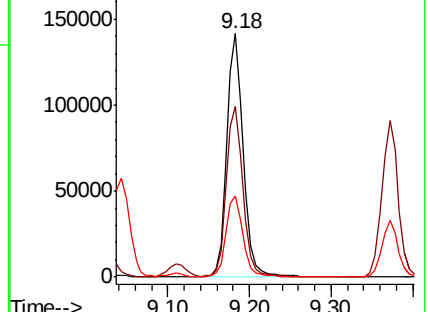
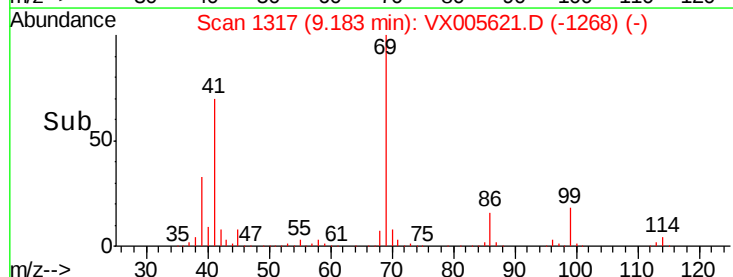
39 34.2 28.3 42.5

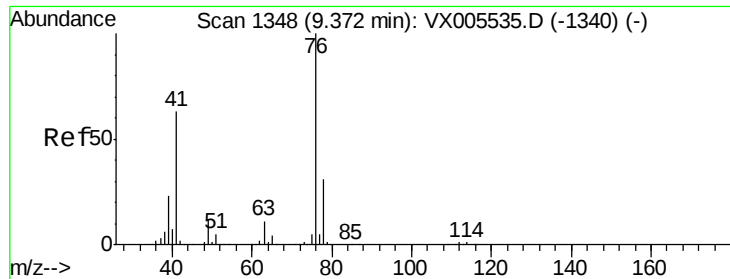


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 48.064 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005621.D

Acq: 26 Oct 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

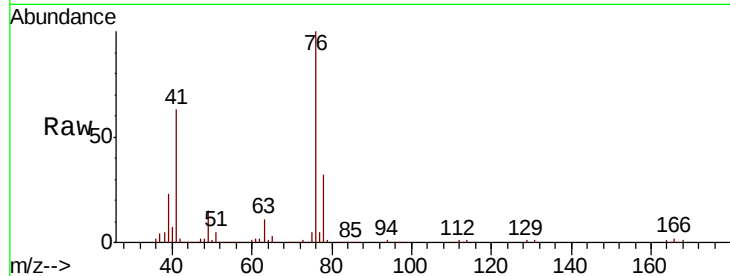
MW-15MSD

Tot Ion: 76 Resp: 201734

Ion Ratio Lower Upper

76 100

78 32.1 25.3 37.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

150000

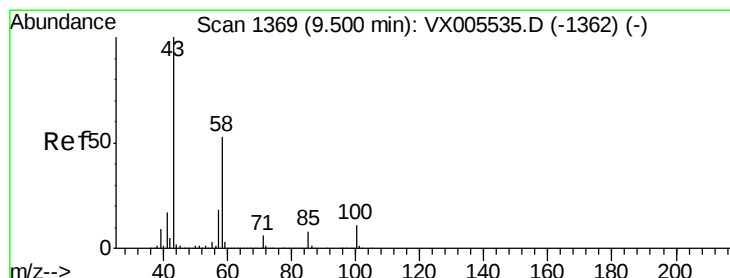
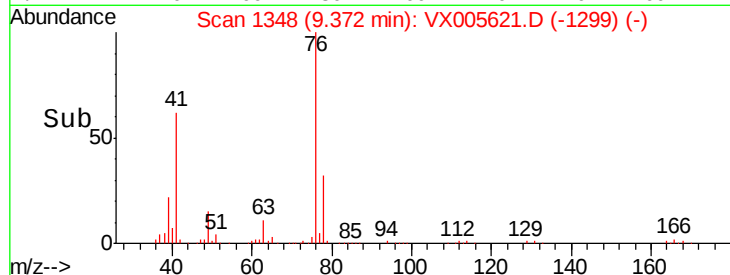
100000

50000

0

Time-->

9.30 9.40 9.50



#59

2-Hexanone

Concen: 248.281 ug/l

RT: 9.50 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VX005621.D

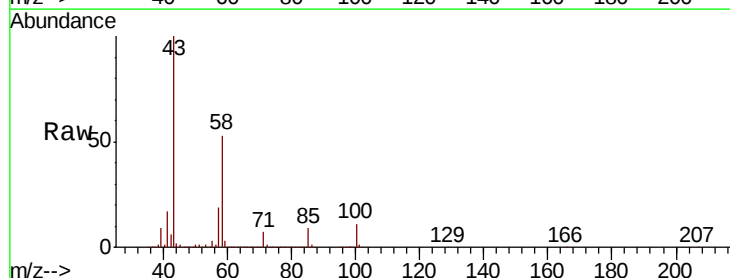
Acq: 26 Oct 2018 22:28

Tgt Ion: 43 Resp: 849609

Ion Ratio Lower Upper

43 100

58 52.7 25.9 77.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.50

600000

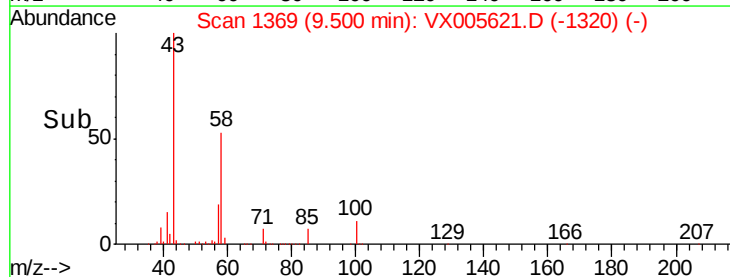
400000

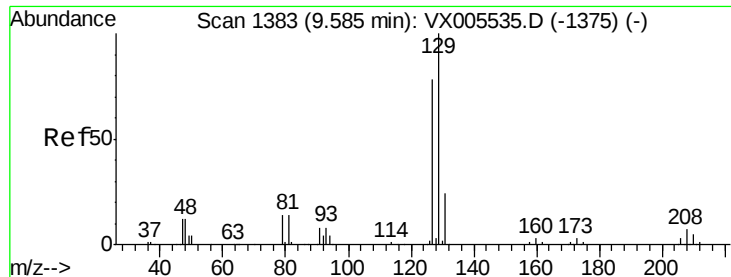
200000

0

Time-->

9.40 9.50 9.60





#60

Dibromochloromethane

Concen: 49.625 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VX005621.D

Acq: 26 Oct 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

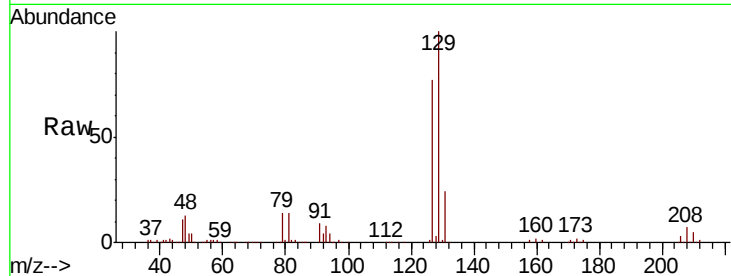
MW-15MSD

Tot Ion:129 Resp: 128434

Ion Ratio Lower Upper

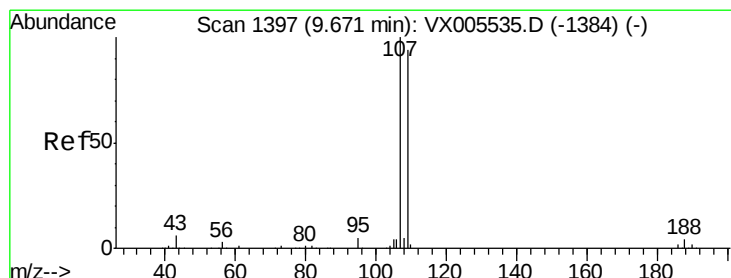
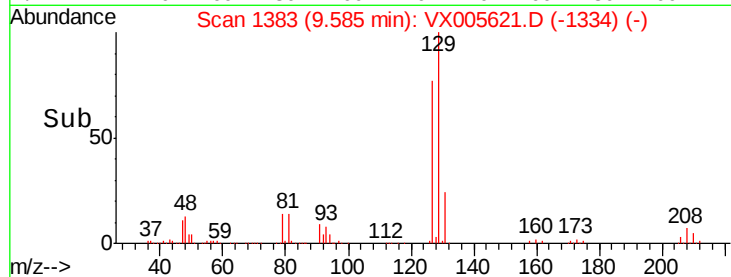
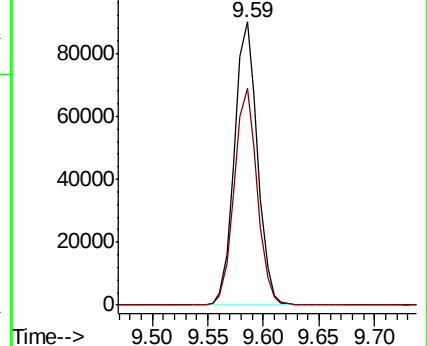
129 100

127 76.6 38.9 116.7



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 49.129 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005621.D

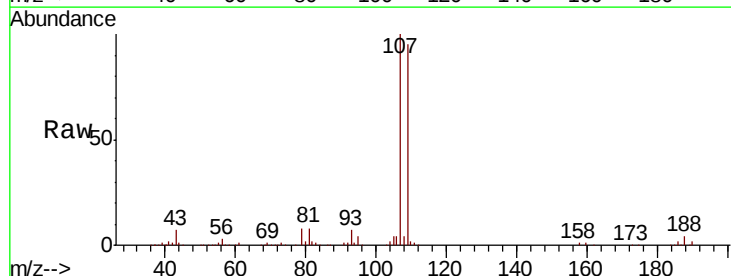
Acq: 26 Oct 2018 22:28

Tgt Ion:107 Resp: 126079

Ion Ratio Lower Upper

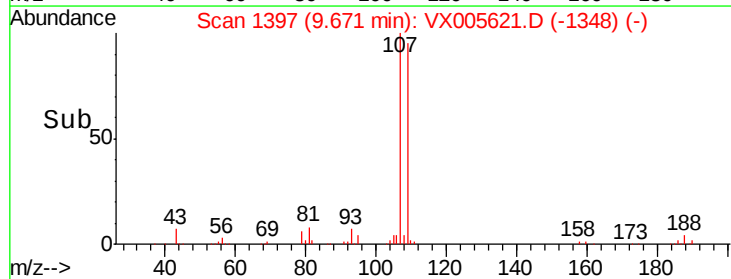
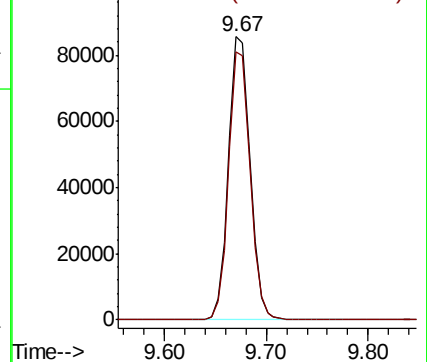
107 100

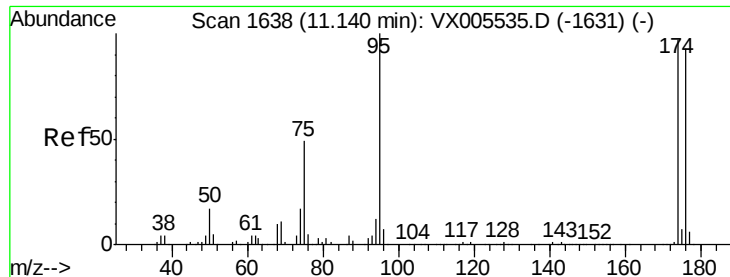
109 94.5 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

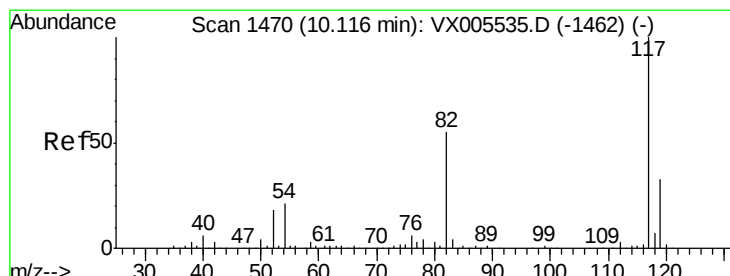
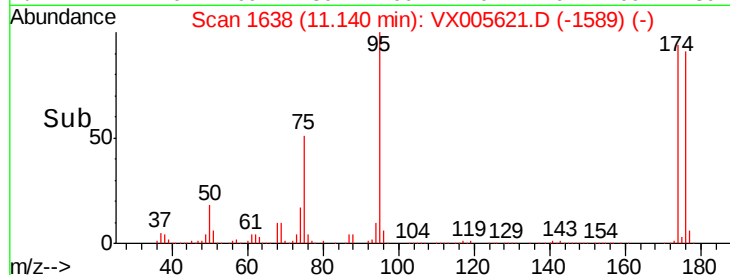
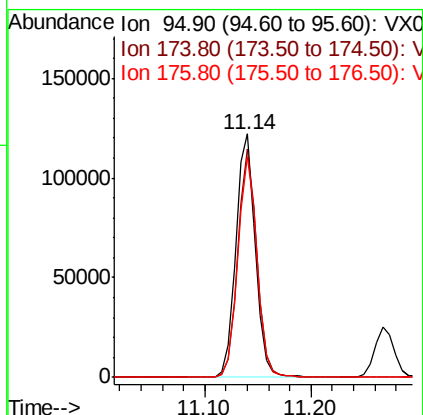
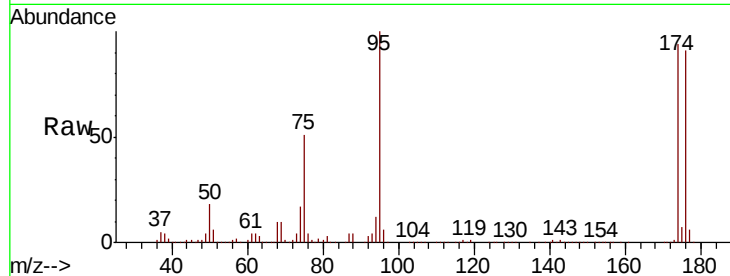




#62
4-Bromofluorobenzene
Concen: 49.097 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005621.D
Acq: 26 Oct 2018 22:28

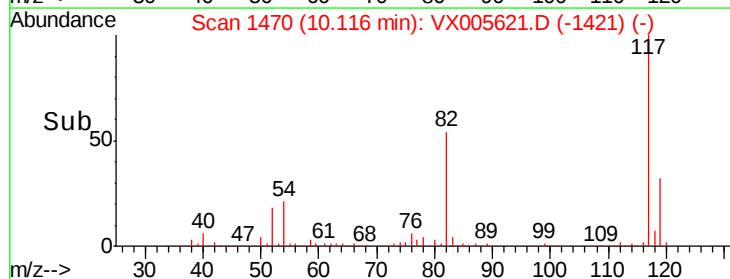
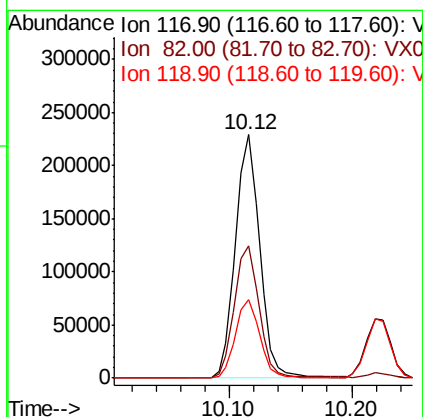
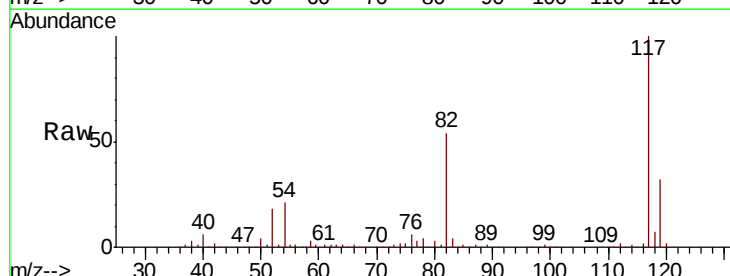
Instrument :
MSVOA_X
ClientSampleId :
MW-15MSD

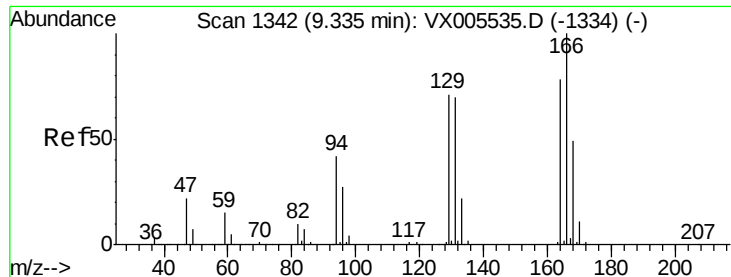
Tot Ion: 95 Resp: 156985
Ion Ratio Lower Upper
95 100
174 91.8 0.0 184.4
176 89.3 0.0 177.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005621.D
Acq: 26 Oct 2018 22:28

Tgt Ion: 117 Resp: 315229
Ion Ratio Lower Upper
117 100
82 54.2 44.1 66.1
119 32.2 26.2 39.2





#64

Tetrachloroethene

Concen: 42.775 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX005621.D

Acq: 26 Oct 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

MW-15MSD

Tot Ion:164 Resp: 111934

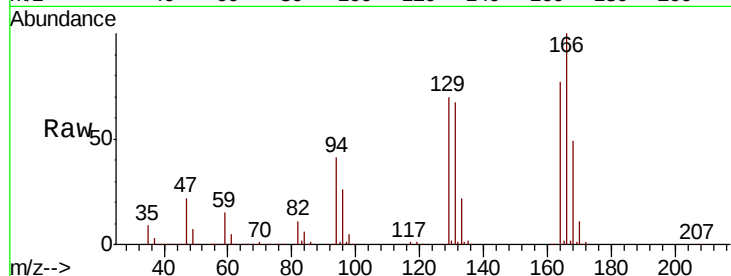
Ion Ratio Lower Upper

164 100

166 129.1 101.9 152.9

129 90.7 72.6 109.0

131 86.1 71.1 106.7



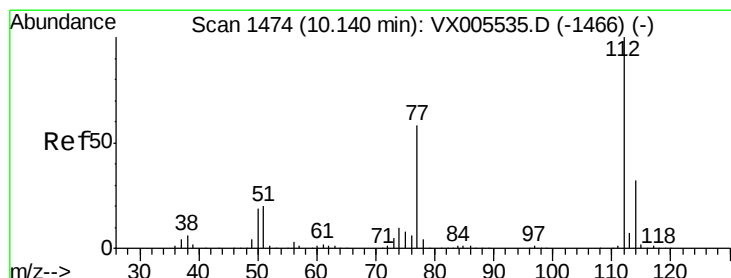
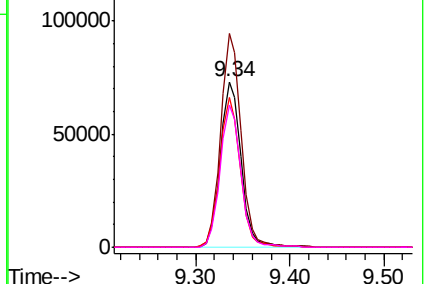
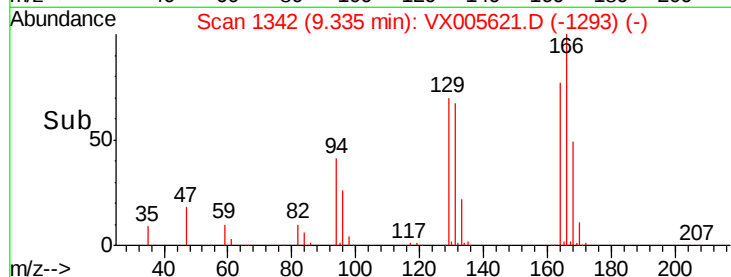
Abundance

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: 48.977 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX005621.D

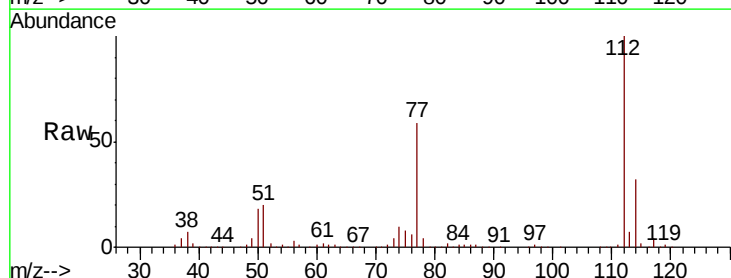
Acq: 26 Oct 2018 22:28

Tgt Ion:112 Resp: 328766

Ion Ratio Lower Upper

112 100

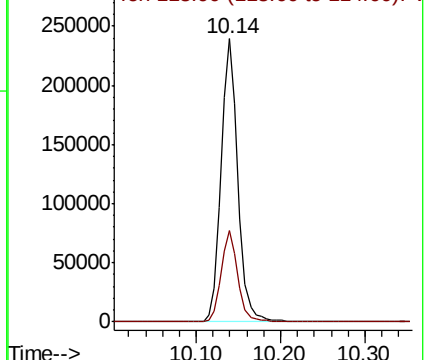
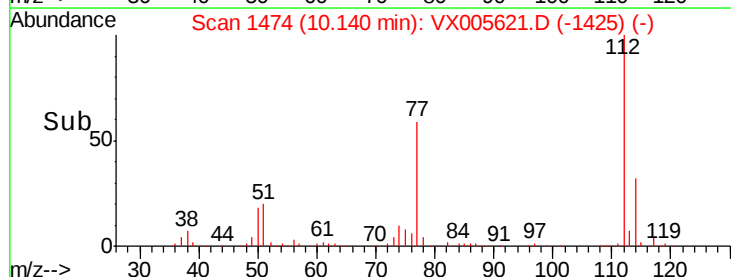
114 32.3 25.8 38.6

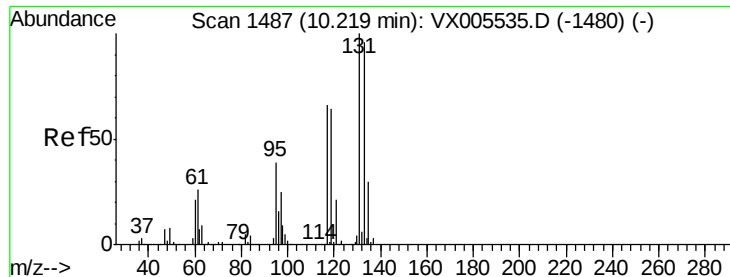


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 49.293 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX005621.D

Acq: 26 Oct 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

MW-15MSD

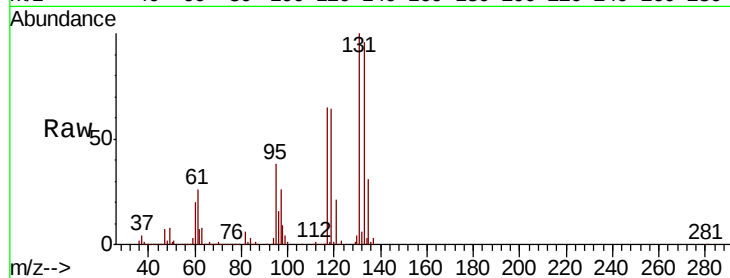
Tot Ion:131 Resp: 120651

Ion Ratio Lower Upper

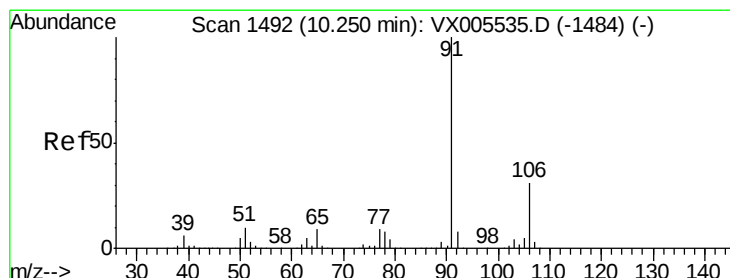
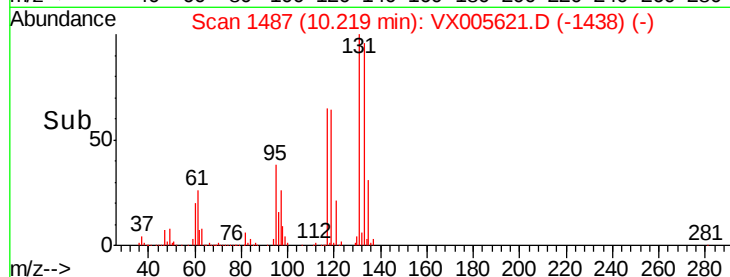
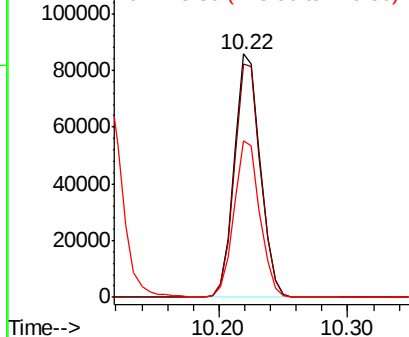
131 100

133 96.9 47.5 142.5

119 64.1 31.8 95.3



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 93.467 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.01 min

Lab File: VX005621.D

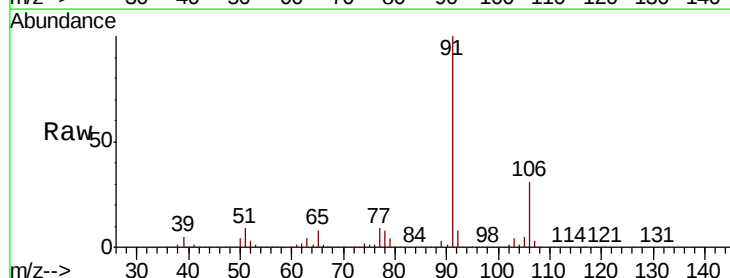
Acq: 26 Oct 2018 22:28

Tgt Ion: 91 Resp: 1032259

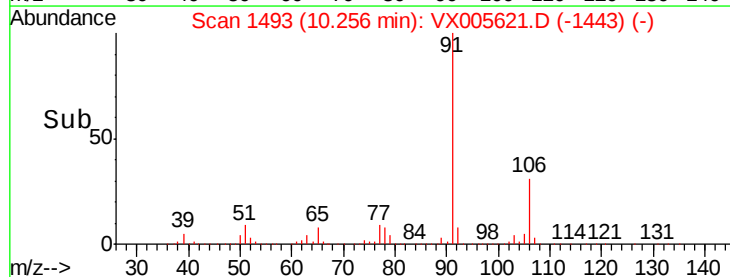
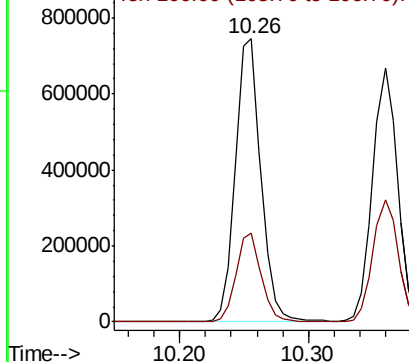
Ion Ratio Lower Upper

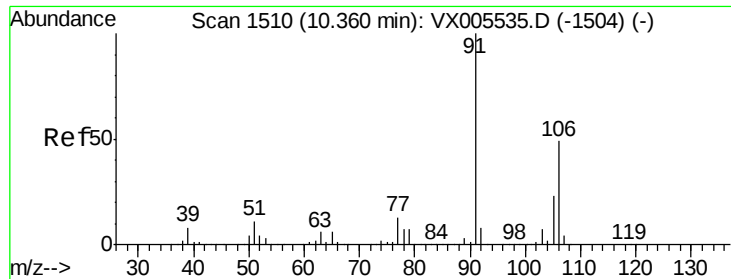
91 100

106 31.3 24.4 36.6



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

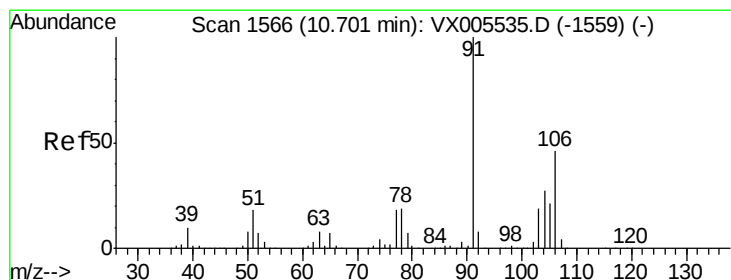
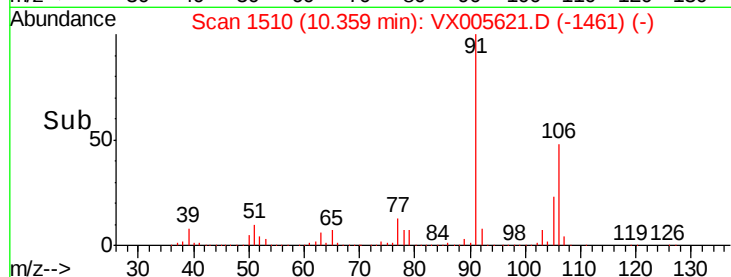
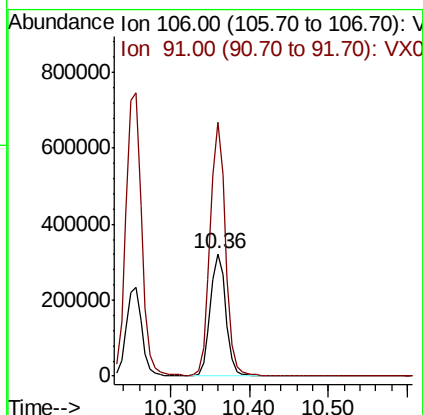
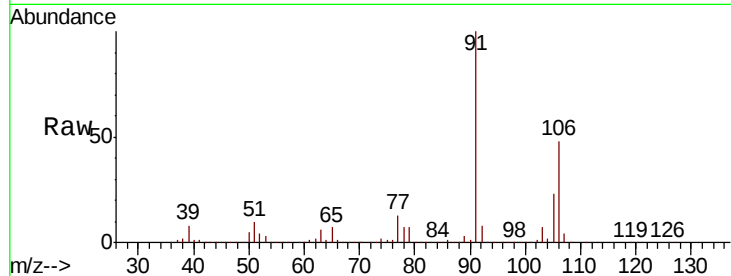




#68
m/p-Xylenes
Concen: 103.095 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005621.D
Acq: 26 Oct 2018 22:28

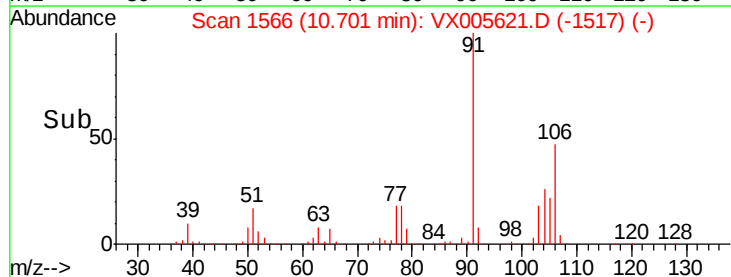
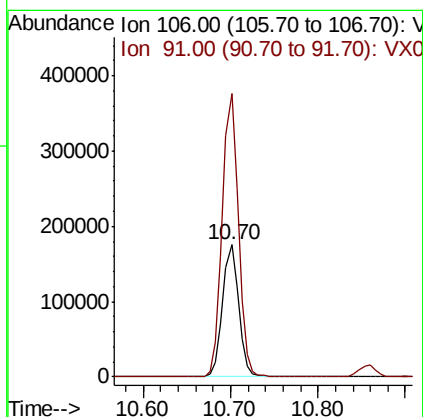
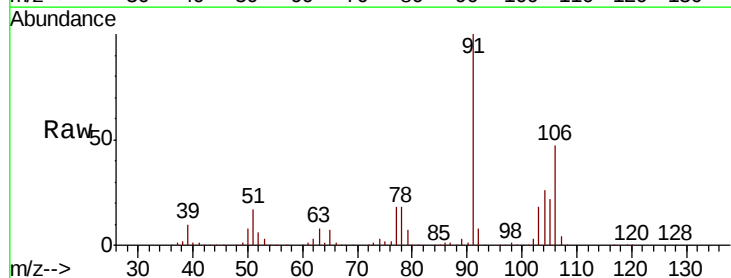
Instrument :
MSVOA_X
ClientSampleId :
MW-15MSD

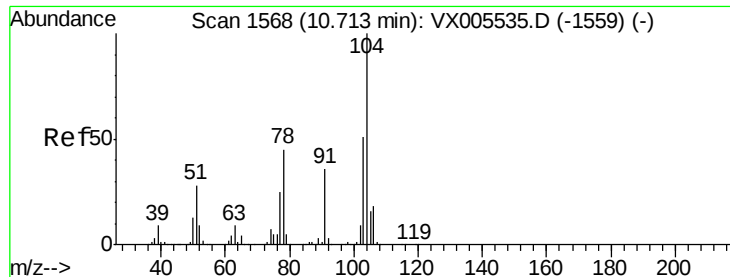
Tot Ion:106 Resp: 441745
Ion Ratio Lower Upper
106 100
91 205.5 164.2 246.4



#69
o-Xylene
Concen: 55.133 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005621.D
Acq: 26 Oct 2018 22:28

Tgt Ion:106 Resp: 222253
Ion Ratio Lower Upper
106 100
91 215.9 108.5 325.5

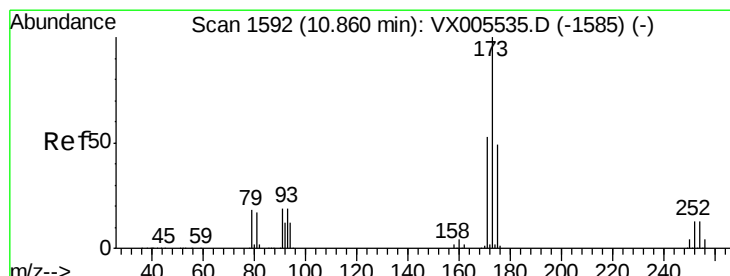
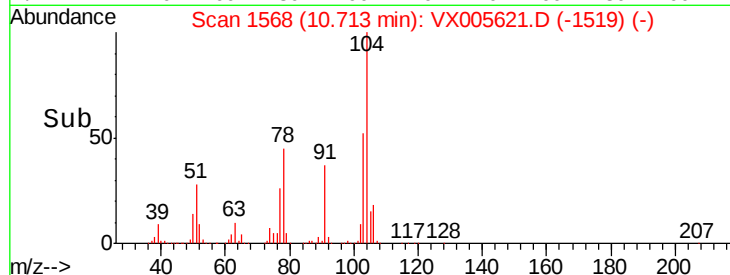
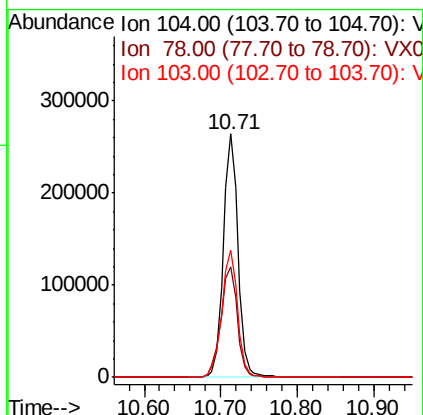
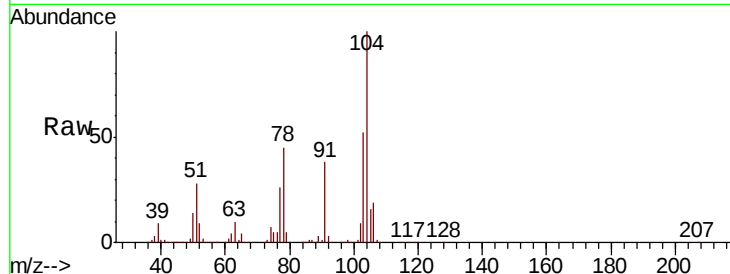




#70
Stvrene
Concen: 51.974 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005621.D
Acq: 26 Oct 2018 22:28

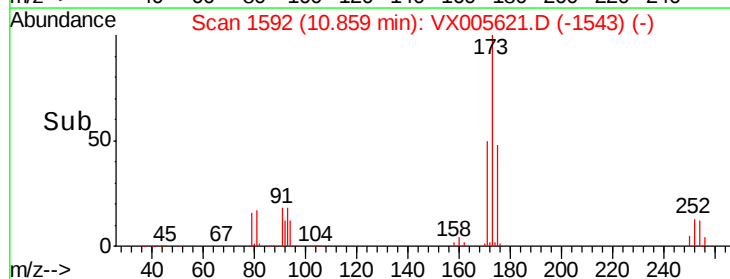
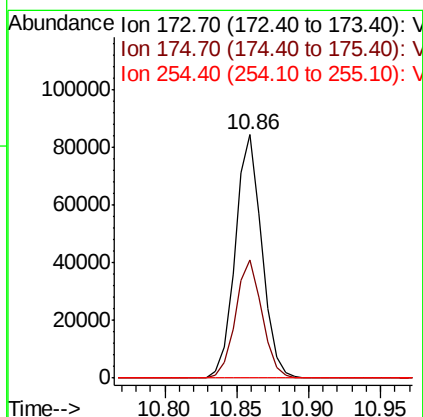
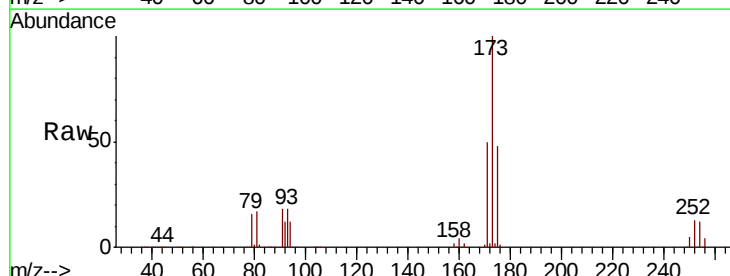
Instrument :
MSVOA_X
ClientSampleId :
MW-15MSD

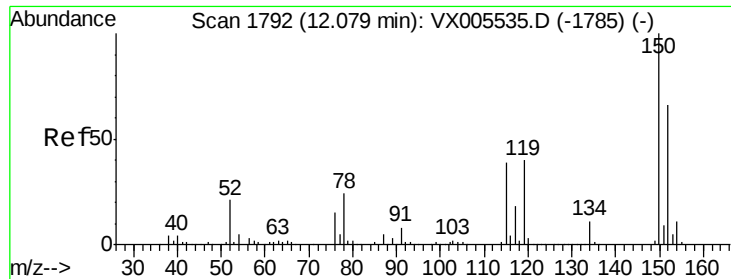
Tot Ion:104 Resp: 350739
Ion Ratio Lower Upper
104 100
78 51.2 40.2 60.4
103 56.2 44.9 67.3



#71
Bromoform
Concen: 49.667 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX005621.D
Acq: 26 Oct 2018 22:28

Tgt Ion:173 Resp: 108479
Ion Ratio Lower Upper
173 100
175 48.6 24.8 74.3
254 0.2 0.2 0.2



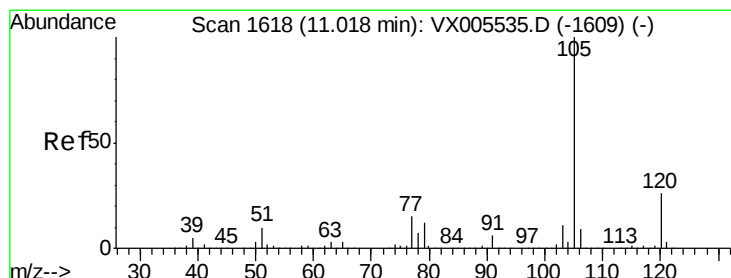
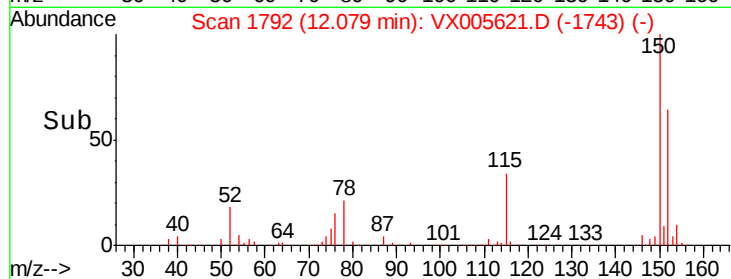
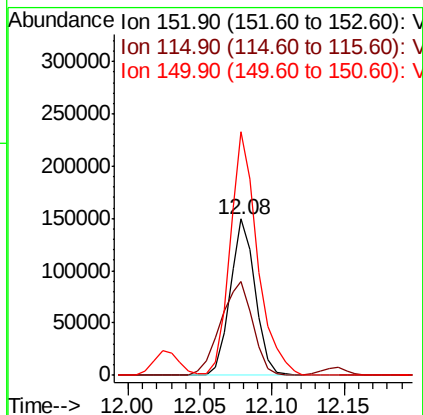
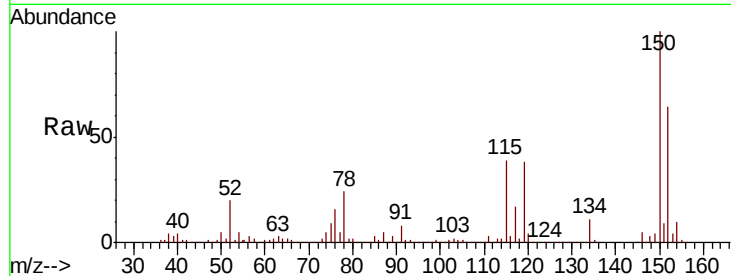


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005621.D
Acq: 26 Oct 2018 22:28

Instrument :
MSVOA_X
ClientSampleId :
MW-15MSD

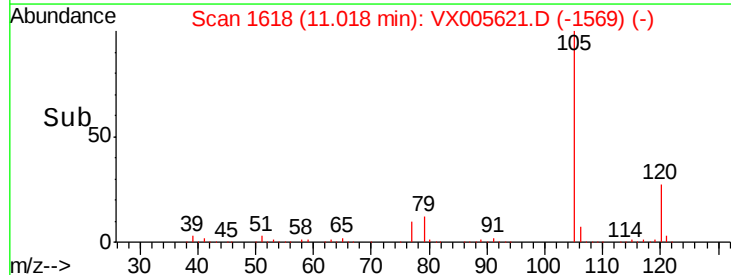
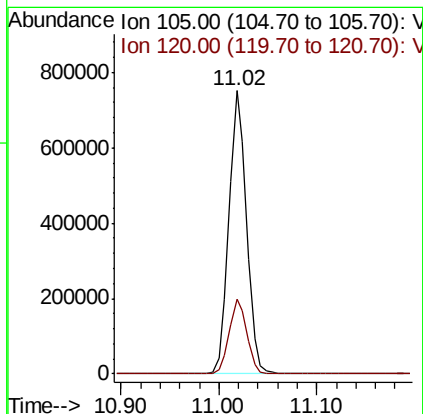
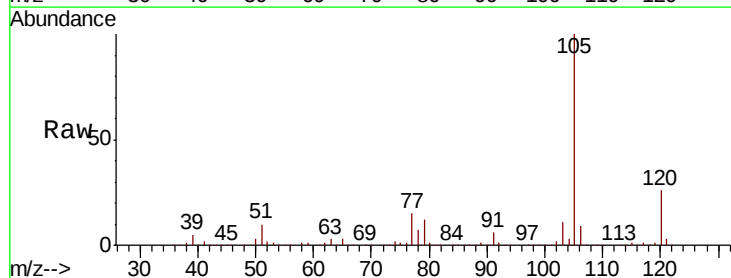
Tot Ion:152 Resp: 181392
Ion Ratio Lower Upper
152 100
115 77.9 39.4 118.1
150 171.1 0.0 346.4

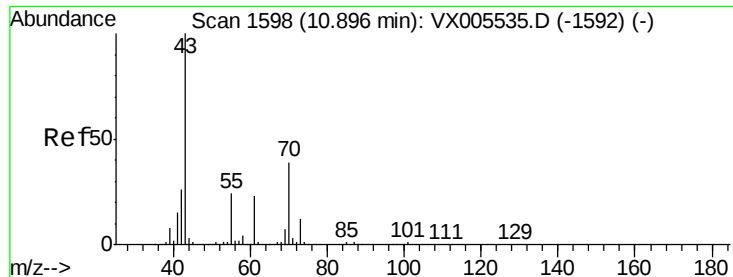


#73

Isopropylbenzene
Concen: 84.591 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX005621.D
Acq: 26 Oct 2018 22:28

Tgt Ion:105 Resp: 937958
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.3





#74

N-amvl acetate

Concen: 49.305 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX005621.D

Acq: 26 Oct 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

MW-15MSD

Tot Ion: 43 Resp: 270892

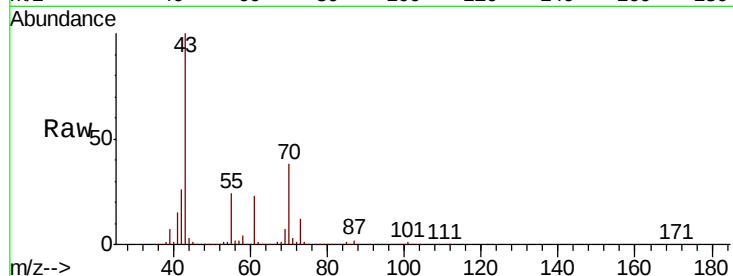
Ion Ratio Lower Upper

43 100

70 39.7 31.6 47.4

55 24.3 19.7 29.5

61 23.3 18.3 27.5

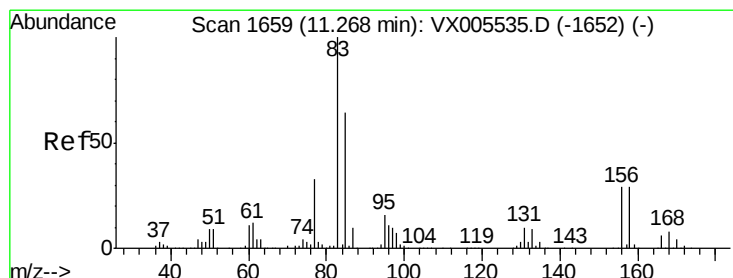
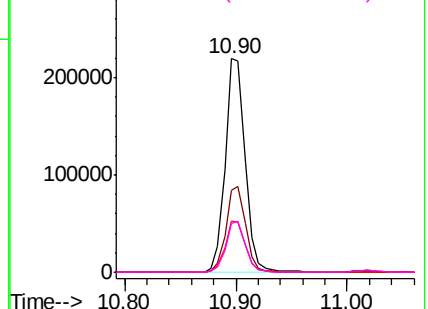
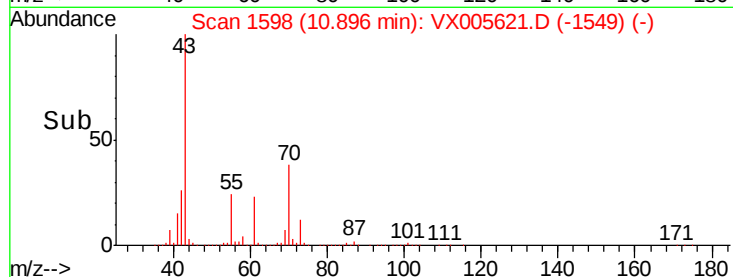


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 49.558 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005621.D

Acq: 26 Oct 2018 22:28

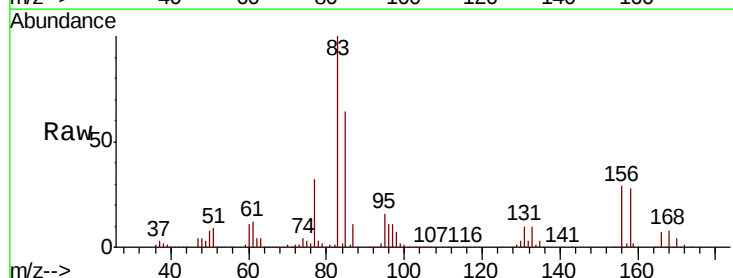
Tgt Ion: 83 Resp: 202731

Ion Ratio Lower Upper

83 100

131 10.6 5.3 15.9

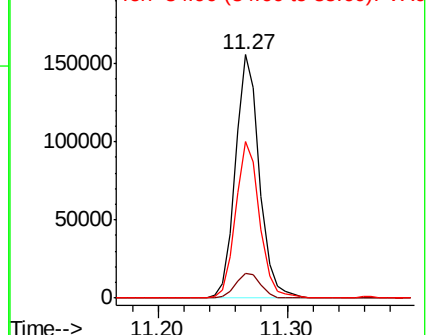
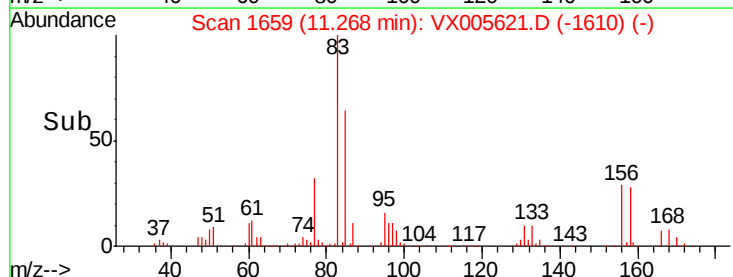
85 64.4 32.0 96.2

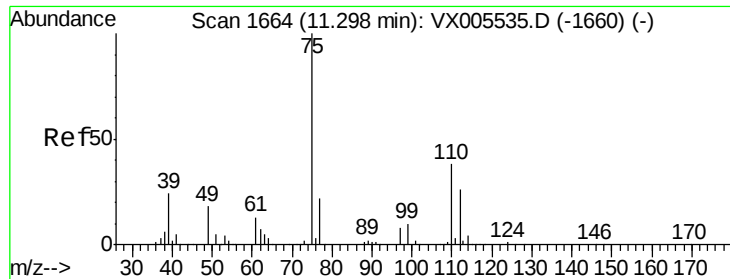


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

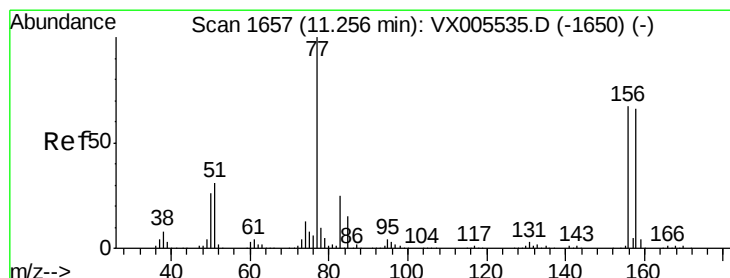
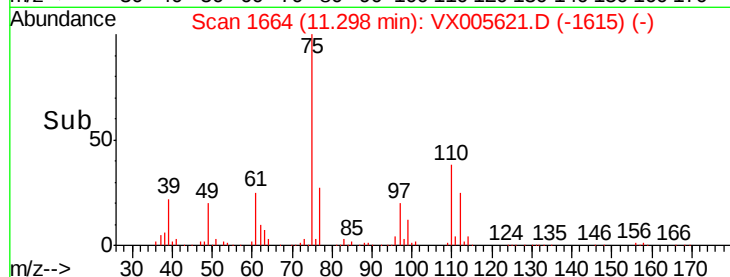
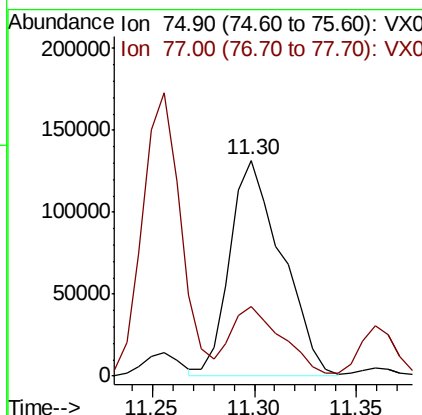
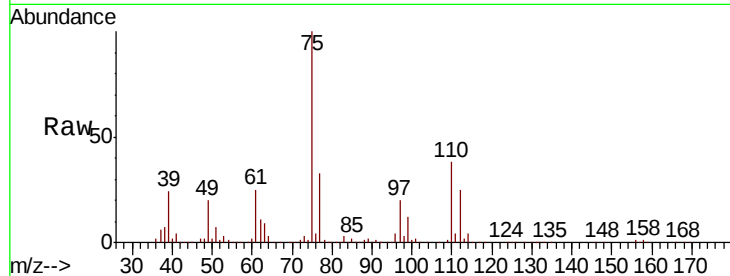




#76
 1,2,3-Trichloropropane
 Concen: 60.567 ug/l
 RT: 11.30 min Scan# 1664
 Delta R.T. -0.00 min
 Lab File: VX005621.D
 Acq: 26 Oct 2018 22:28

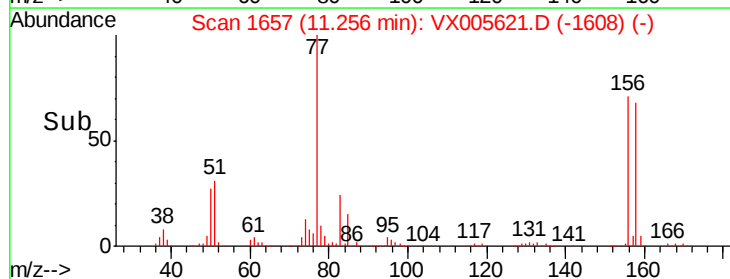
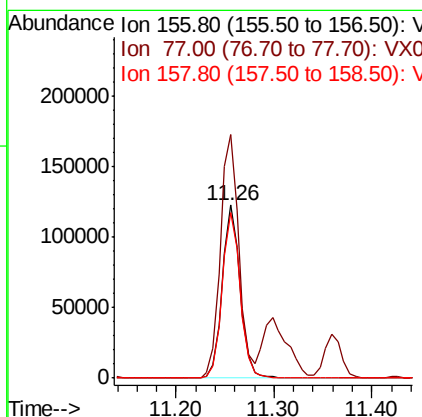
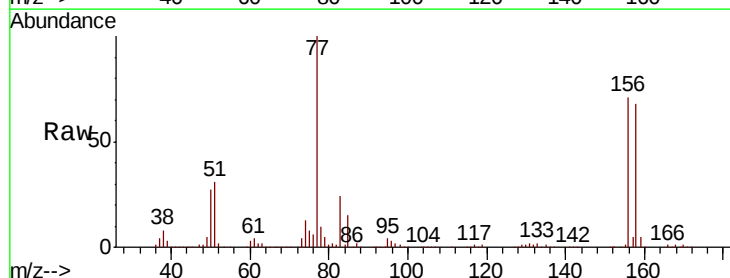
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15MSD

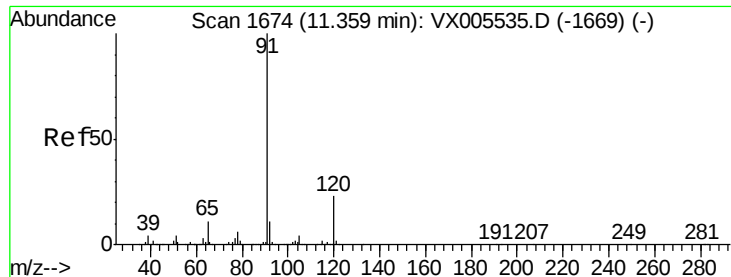
Tot Ion: 75 Resp: 232775
 Ion Ratio Lower Upper
 75 100
 77 31.8 20.5 61.6



#77
 Bromobenzene
 Concen: 50.039 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: VX005621.D
 Acq: 26 Oct 2018 22:28

Tgt Ion: 156 Resp: 154629
 Ion Ratio Lower Upper
 156 100
 77 146.2 74.8 224.4
 158 97.2 49.1 147.3





#78

n-propylbenzene

Concen: 75.116 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005621.D

Acq: 26 Oct 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

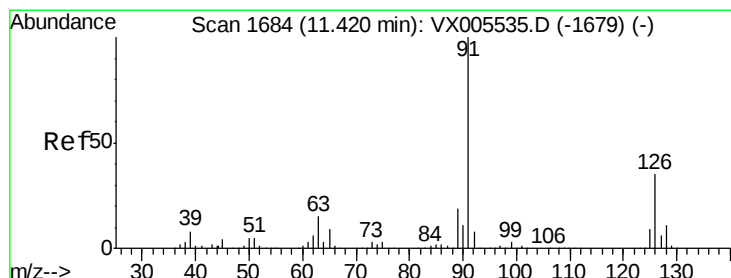
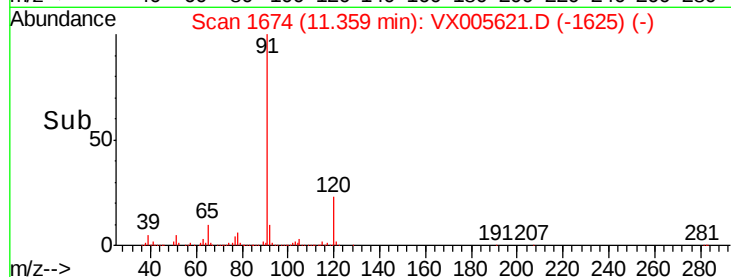
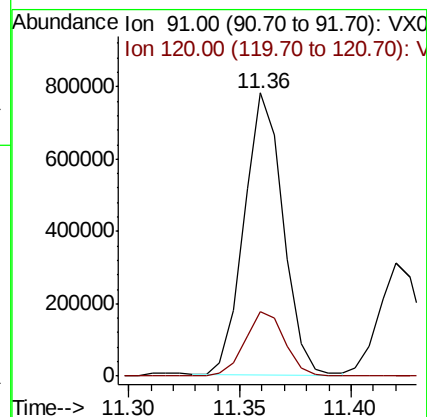
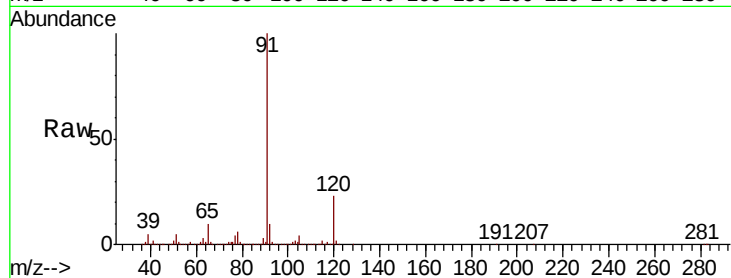
MW-15MSD

Tot Ion: 91 Resp: 952393

Ion Ratio Lower Upper

91 100

120 23.5 11.9 35.5



#79

2-Chlorotoluene

Concen: 50.436 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005621.D

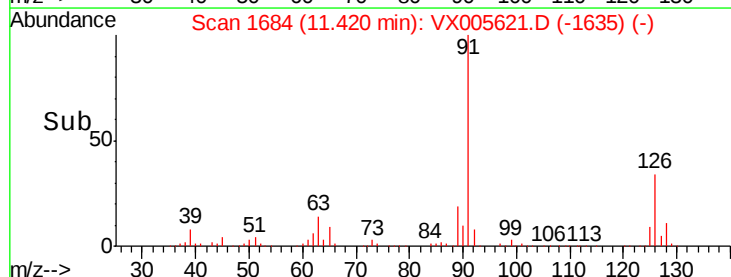
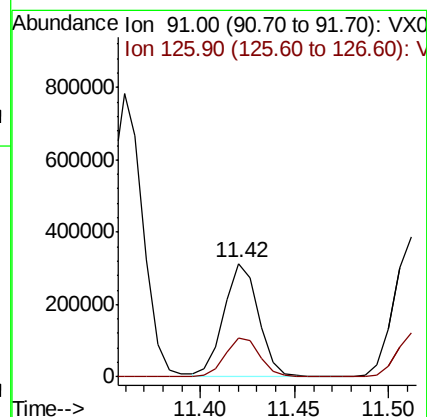
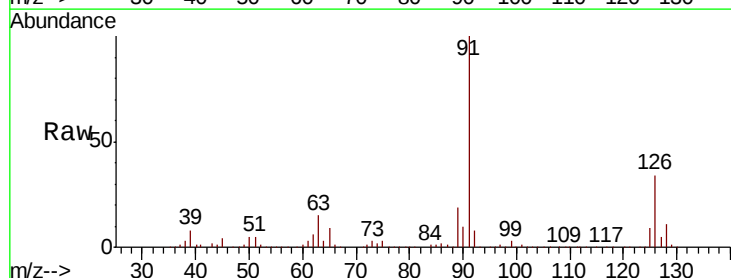
Acq: 26 Oct 2018 22:28

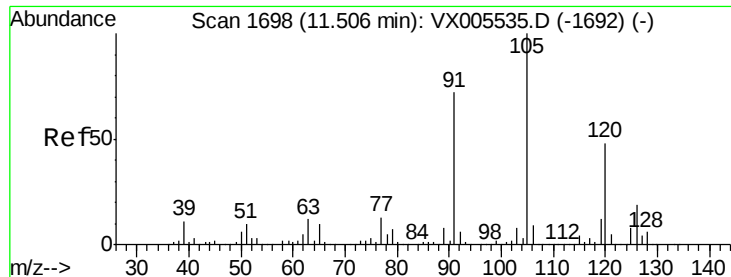
Tgt Ion: 91 Resp: 396491

Ion Ratio Lower Upper

91 100

126 34.9 17.3 52.0

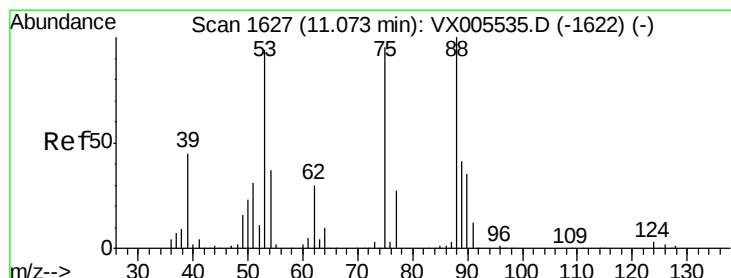
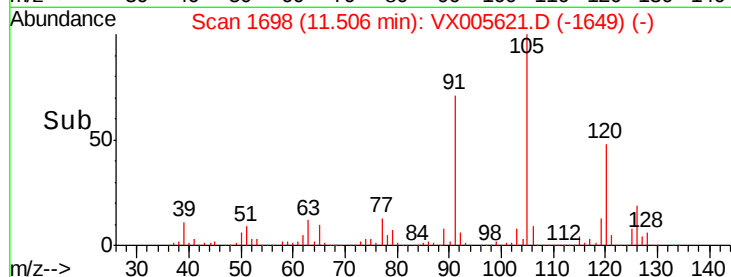
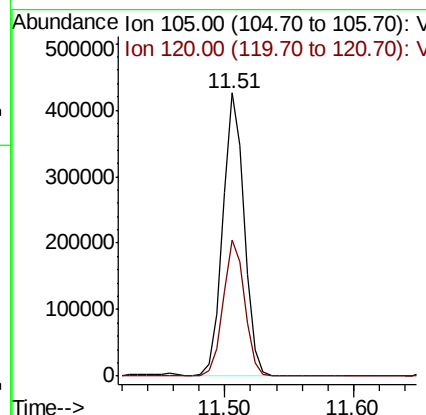
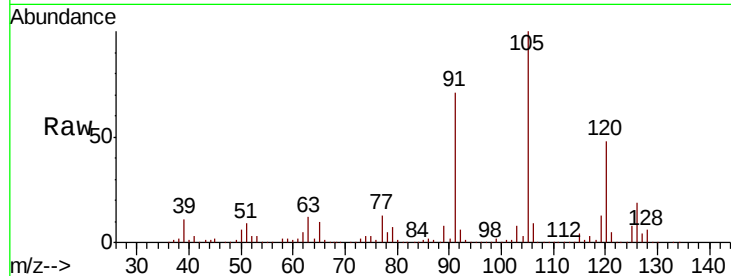




#80
 1,3,5-Trimethylbenzene
 Concen: 52.580 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005621.D
 Acq: 26 Oct 2018 22:28

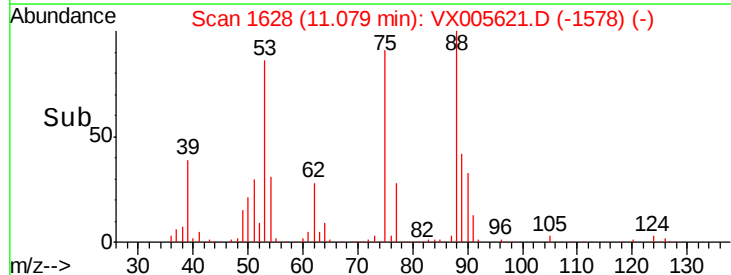
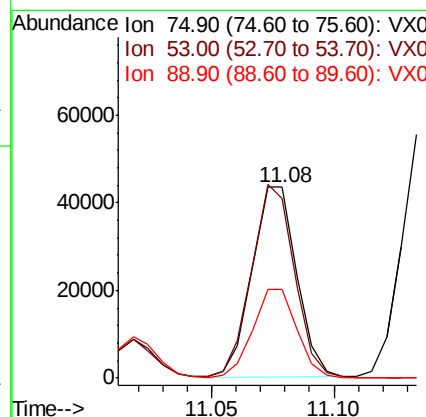
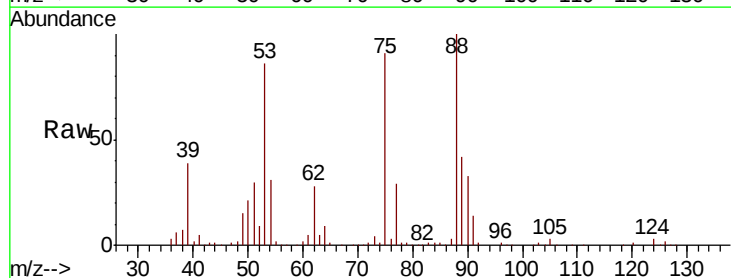
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15MSD

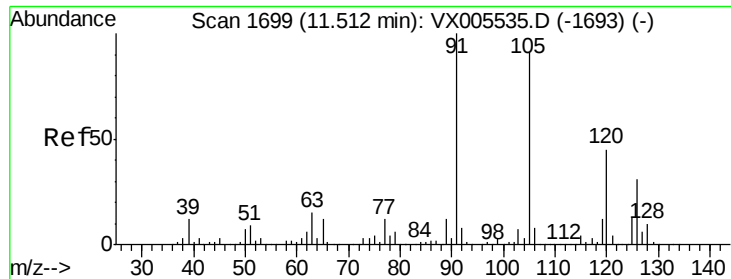
Tot Ion:105 Resp: 498740
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.1 72.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 47.013 ug/l
 RT: 11.08 min Scan# 1628
 Delta R.T. 0.01 min
 Lab File: VX005621.D
 Acq: 26 Oct 2018 22:28

Tgt Ion: 75 Resp: 55297
 Ion Ratio Lower Upper
 75 100
 53 98.0 80.2 120.2
 89 46.7 39.8 59.8

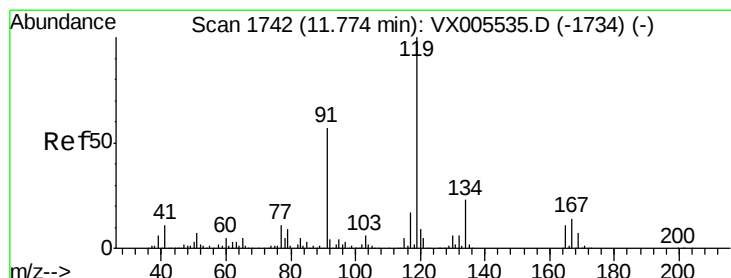
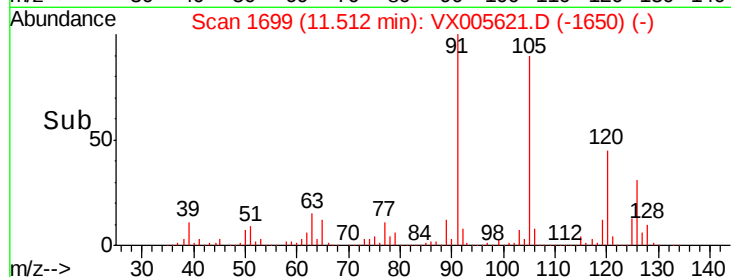
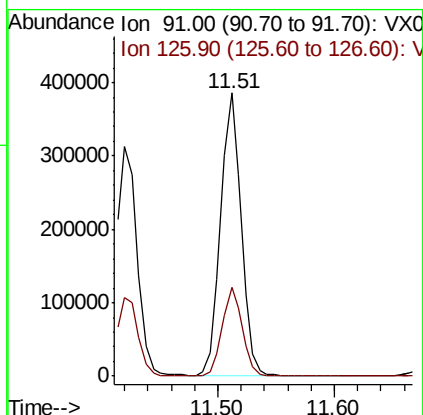
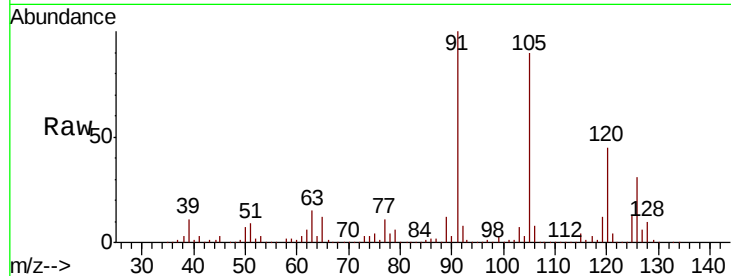




#82
4-Chlorotoluene
Concen: 50.834 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX005621.D
Acq: 26 Oct 2018 22:28

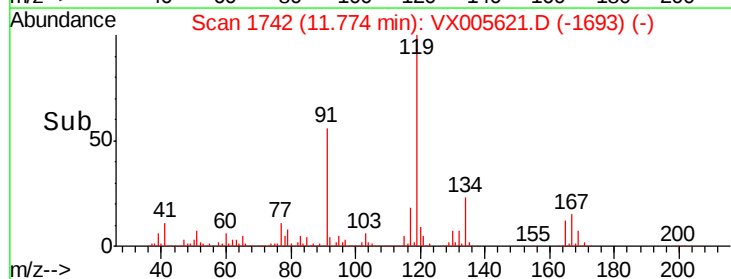
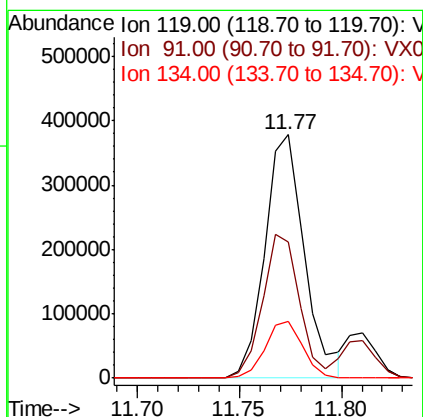
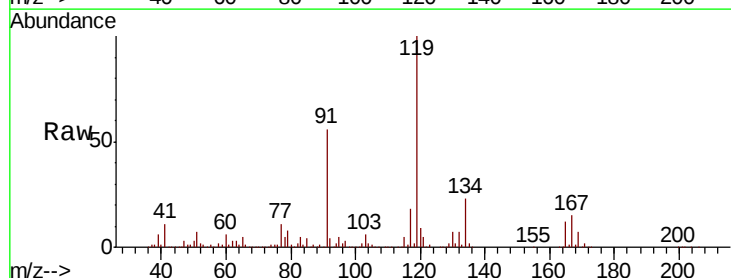
Instrument :
MSVOA_X
ClientSampleId :
MW-15MSD

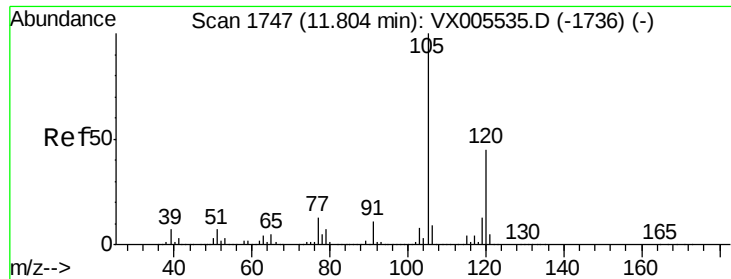
Tot Ion: 91 Resp: 471218
Ion Ratio Lower Upper
91 100
126 30.4 15.2 45.6



#83
tert-Butylbenzene
Concen: 54.024 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX005621.D
Acq: 26 Oct 2018 22:28

Tgt Ion: 119 Resp: 510801
Ion Ratio Lower Upper
119 100
91 55.1 28.5 85.5
134 22.2 11.3 33.8

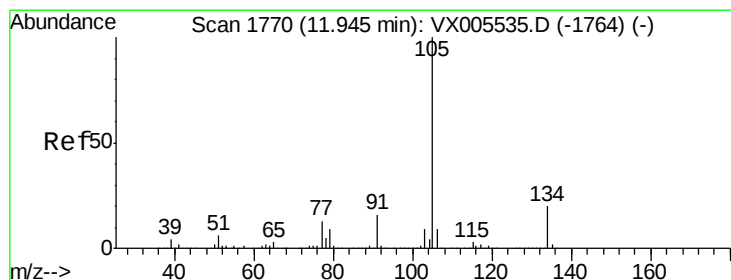
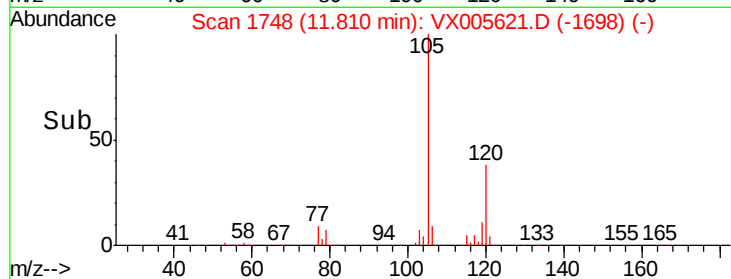
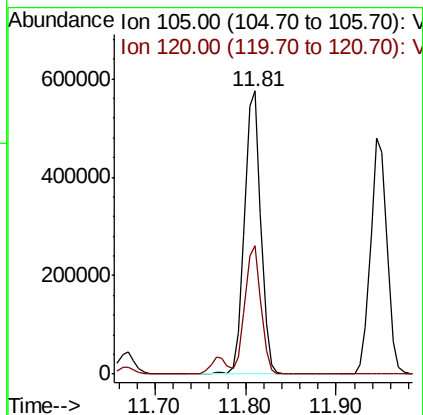
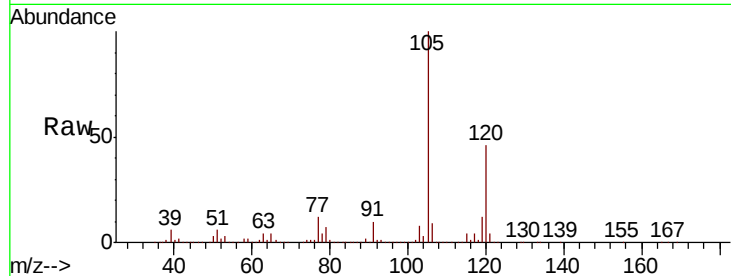




#84
 1,2,4-Trimethylbenzene
 Concen: 74.520 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX005621.D
 Acq: 26 Oct 2018 22:28

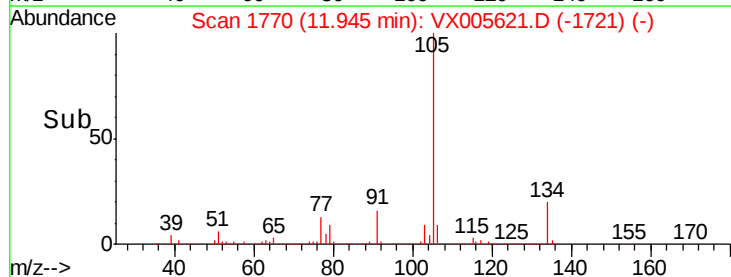
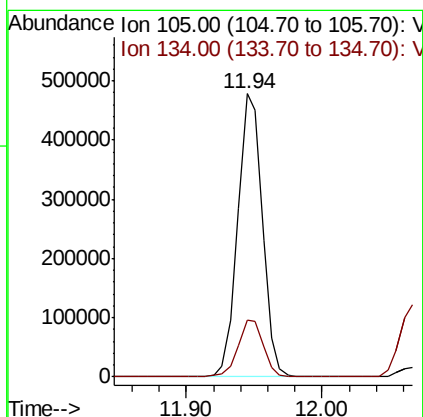
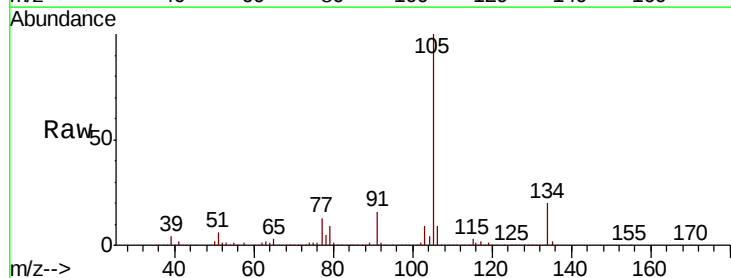
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15MSD

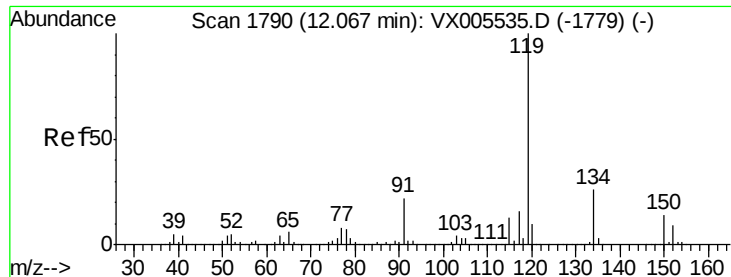
Tot Ion:105 Resp: 716384
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.4 67.0



#85
 sec-Butylbenzene
 Concen: 53.342 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX005621.D
 Acq: 26 Oct 2018 22:28

Tgt Ion:105 Resp: 601823
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.4

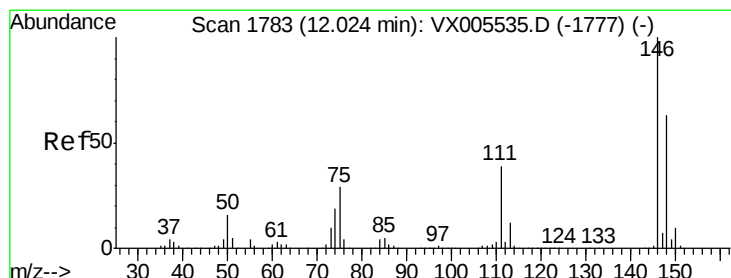
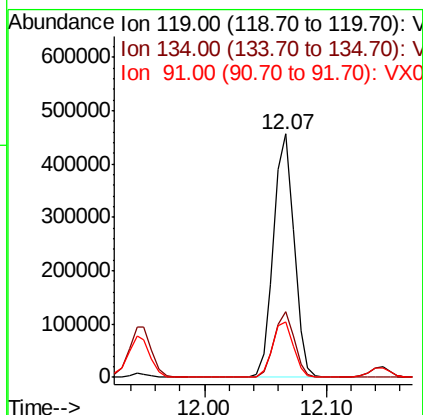
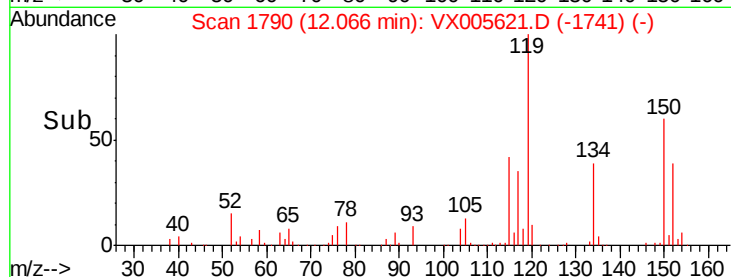
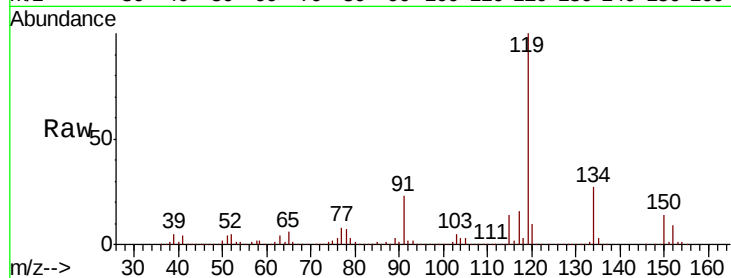




#86
p-Isopropyltoluene
Concen: 53.079 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX005621.D
Acq: 26 Oct 2018 22:28

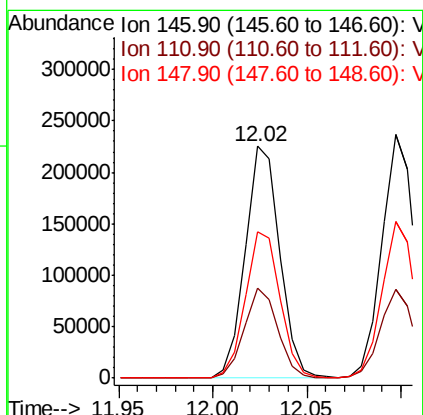
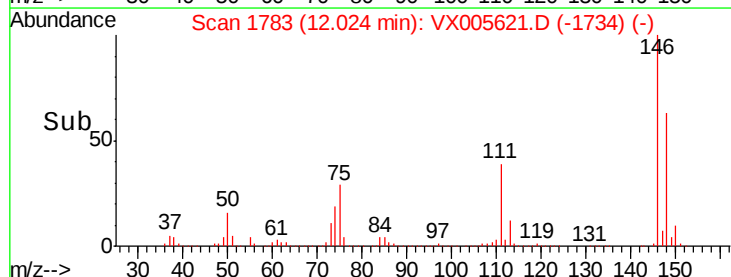
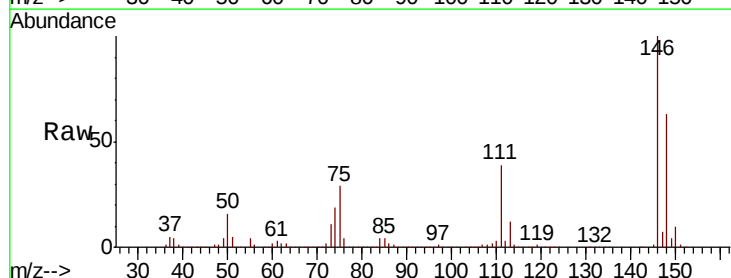
Instrument :
MSVOA_X
ClientSampleId :
MW-15MSD

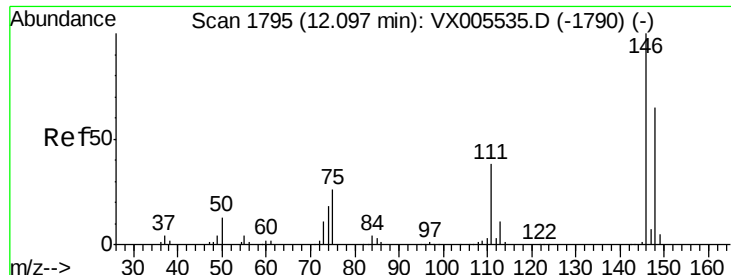
Tot Ion:119 Resp: 535335
Ion Ratio Lower Upper
119 100
134 26.6 13.0 39.0
91 23.4 11.4 34.2



#87
1,3-Dichlorobenzene
Concen: 49.295 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX005621.D
Acq: 26 Oct 2018 22:28

Tgt Ion:146 Resp: 286451
Ion Ratio Lower Upper
146 100
111 37.8 19.0 57.0
148 63.6 31.9 95.9





#88

1,4-Dichlorobenzene

Concen: 47.859 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX005621.D

Acq: 26 Oct 2018 22:28

Instrument :

MSVOA_X

ClientSampled :

MW-15MSD

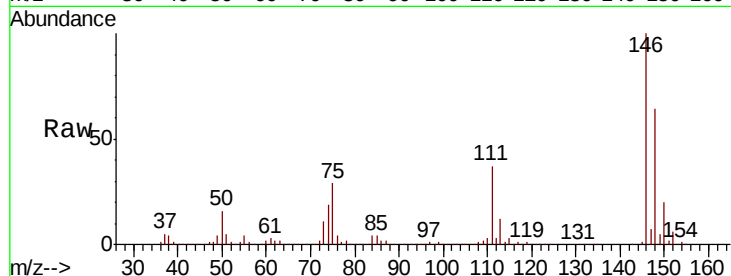
Tot Ion:146 Resp: 290294

Ion Ratio Lower Upper

146 100

111 37.0 18.6 55.8

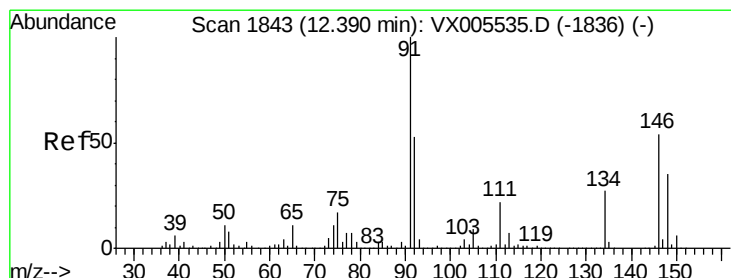
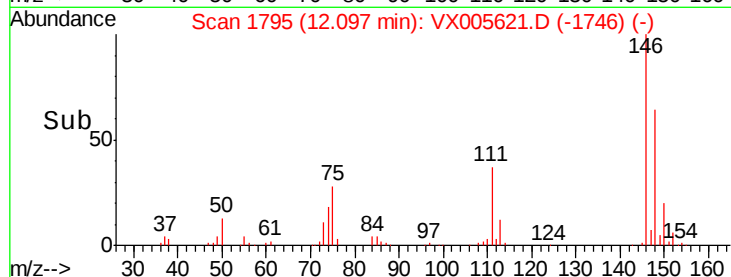
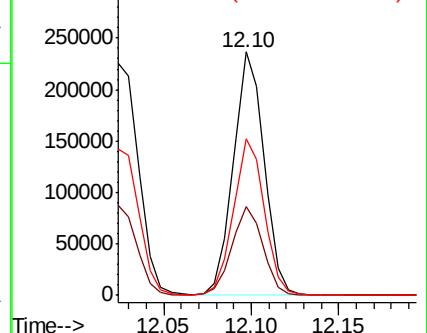
148 64.2 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 54.925 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005621.D

Acq: 26 Oct 2018 22:28

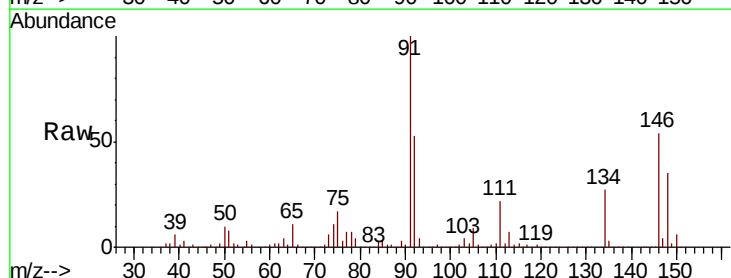
Tgt Ion: 91 Resp: 500096

Ion Ratio Lower Upper

91 100

92 51.4 26.1 78.2

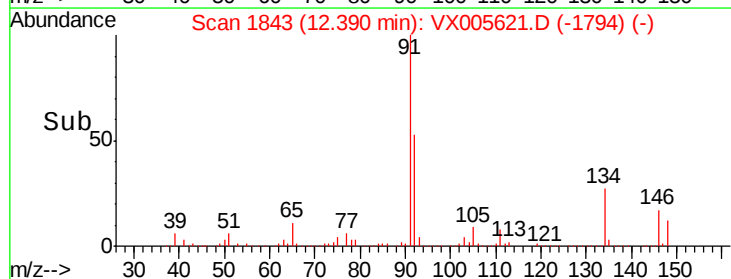
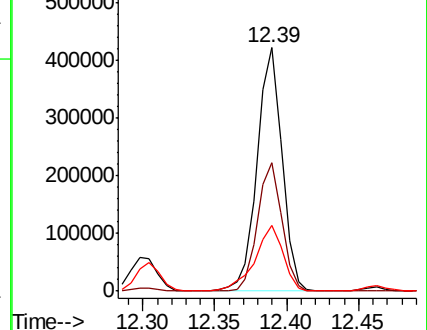
134 30.7 13.1 39.3

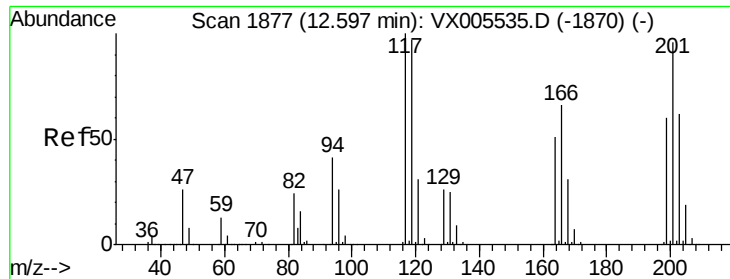


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

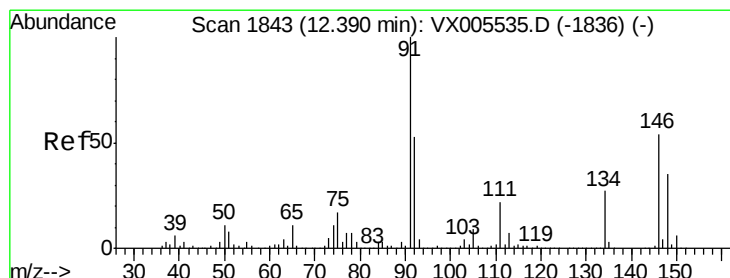
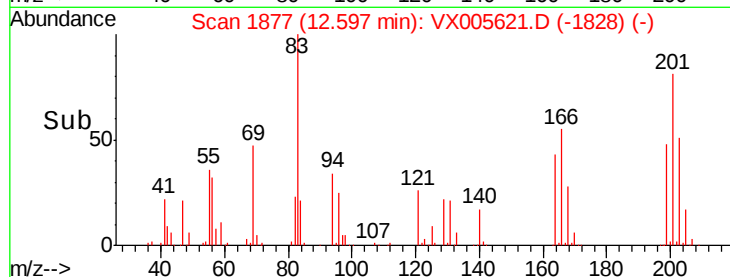
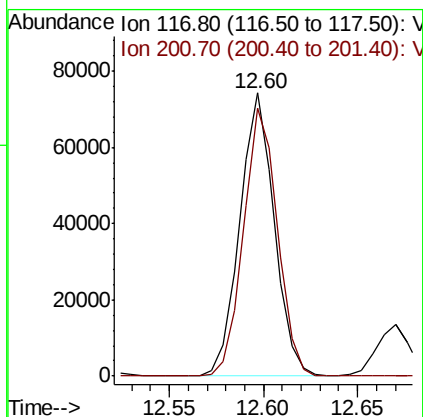
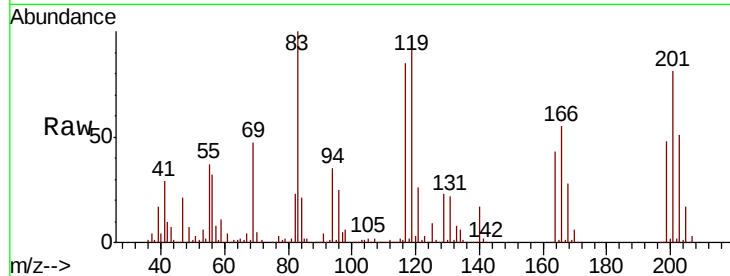




#90
Hexachloroethane
Concen: 54.213 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005621.D
Acq: 26 Oct 2018 22:28

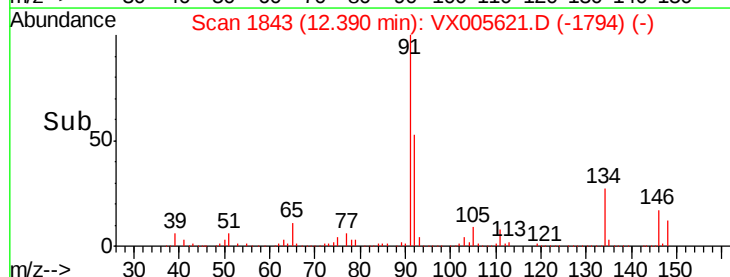
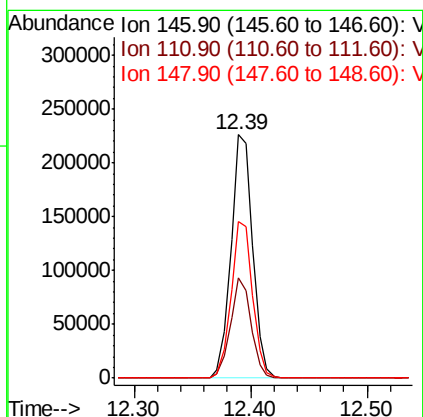
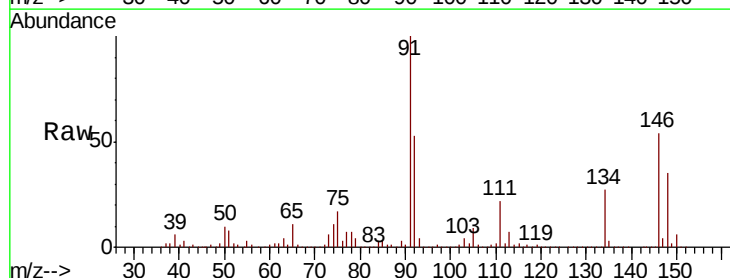
Instrument :
MSVOA_X
ClientSampleId :
MW-15MSD

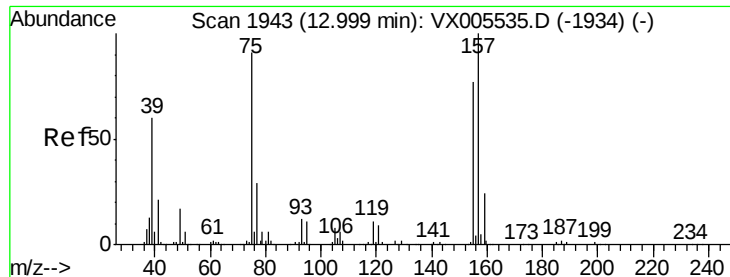
Tot Ion:117 Resp: 94303
Ion Ratio Lower Upper
117 100
201 92.9 47.9 143.6



#91
1,2-Dichlorobenzene
Concen: 49.597 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005621.D
Acq: 26 Oct 2018 22:28

Tgt Ion:146 Resp: 291589
Ion Ratio Lower Upper
146 100
111 39.4 20.0 59.9
148 63.9 32.2 96.6





#92

1,2-Dibromo-3-Chloropropane

Concen: 52.687 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX005621.D

Acq: 26 Oct 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

MW-15MSD

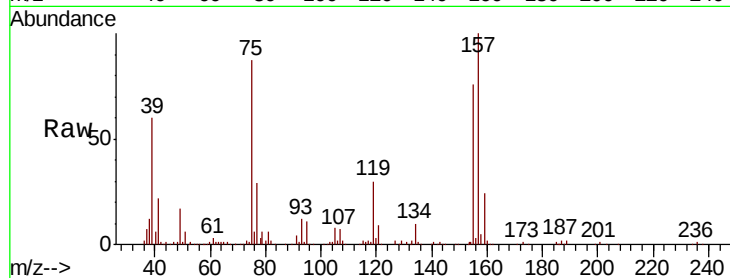
Tot Ion: 75 Resp: 52113

Ion Ratio Lower Upper

75 100

155 88.9 45.4 136.1

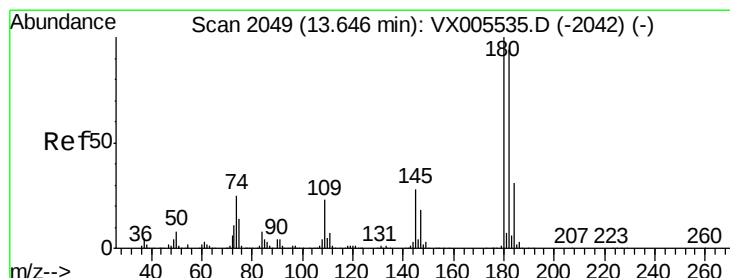
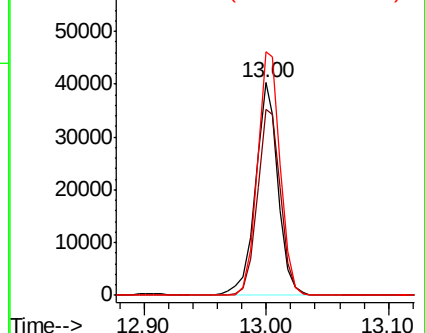
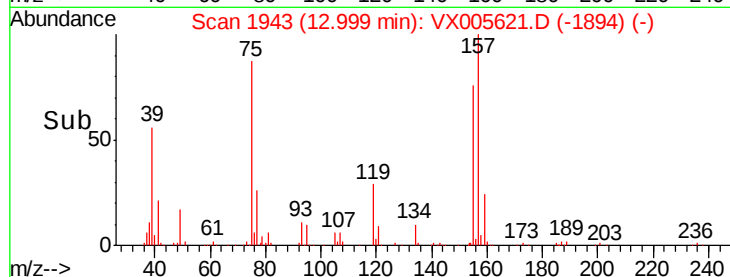
157 114.8 57.4 172.0



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: 52.333 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX005621.D

Acq: 26 Oct 2018 22:28

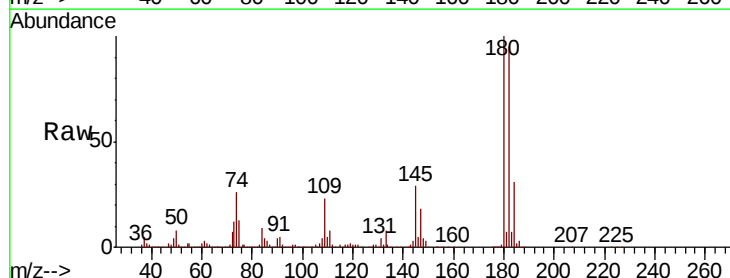
Tgt Ion:180 Resp: 223033

Ion Ratio Lower Upper

180 100

182 96.4 47.6 142.8

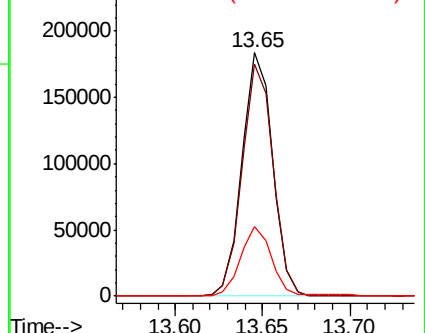
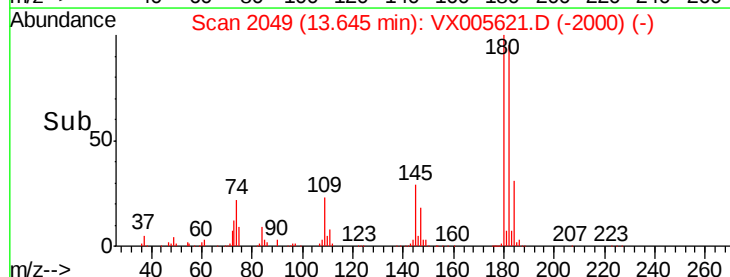
145 29.7 14.1 42.2

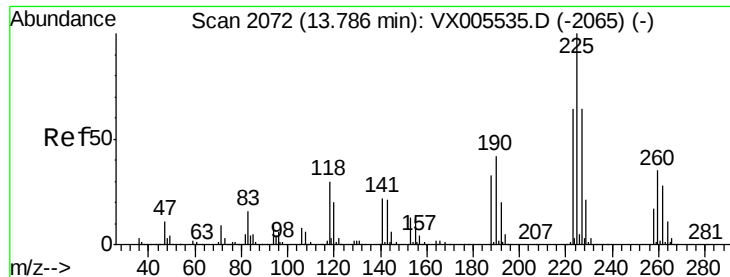


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 47.330 ug/l

RT: 13.79 min Scan# 2072

Delta R.T. -0.00 min

Lab File: VX005621.D

Acq: 26 Oct 2018 22:28

Instrument :

MSVOA_X

ClientSampled :

MW-15MSD

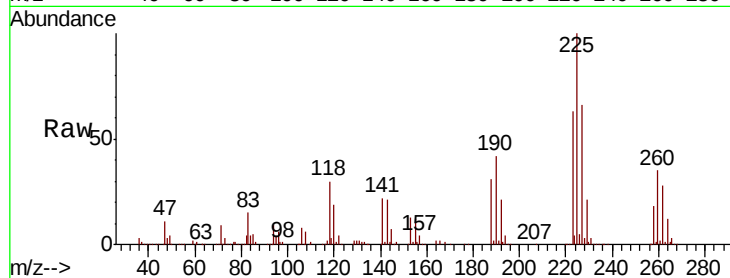
Tot Ion:225 Resp: 104531

Ion Ratio Lower Upper

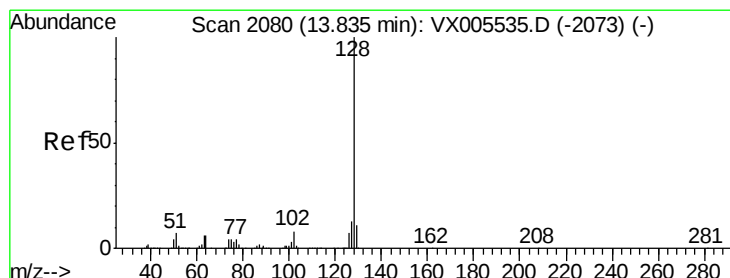
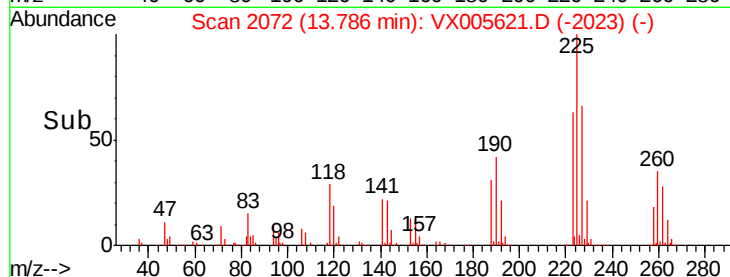
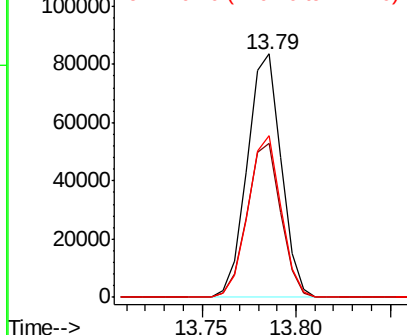
225 100

223 62.9 31.7 95.1

227 64.7 32.3 96.9



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



#95

Naphthalene

Concen: 70.440 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005621.D

Acq: 26 Oct 2018 22:28

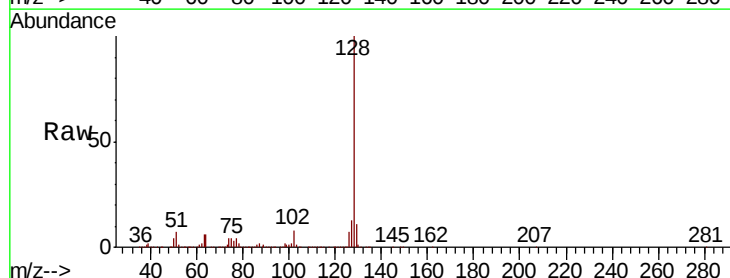
Tgt Ion:128 Resp: 872616

Ion Ratio Lower Upper

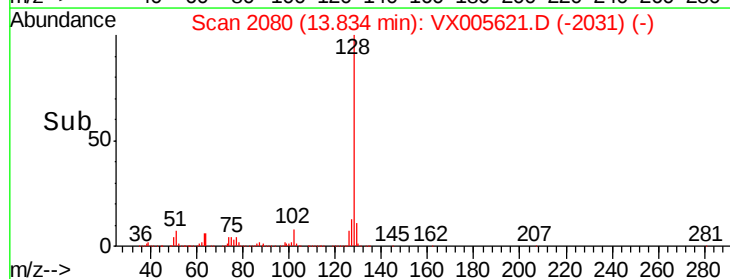
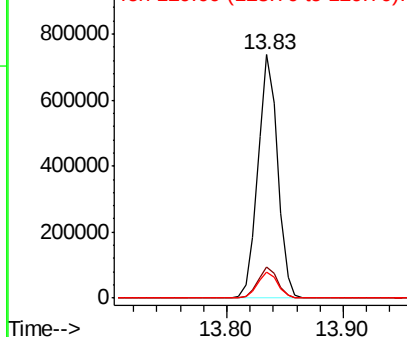
128 100

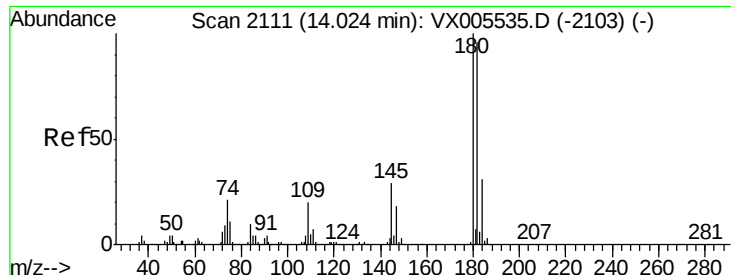
127 13.0 10.4 15.6

129 11.1 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: 52.740 ug/l
 RT: 14.02 min Scan# 2111
 Delta R.T. -0.00 min
 Lab File: VX005621.D
 Acq: 26 Oct 2018 22:28

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.0	144.2
145	30.4	15.1	45.3

