

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102418\
 Data File : VX005560.D
 Acq On : 25 Oct 2018 00:31
 Operator : JC/MD
 Sample : VX1024WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBSD02

Quant Time: Oct 25 05:55:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 24 13:13:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	208382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	308735	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	286850	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	156349	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	129699	50.99	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.98%	
35) Dibromofluoromethane	5.50	113	102128	48.85	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.70%	
50) Toluene-d8	8.71	98	386058	51.40	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.80%	
62) 4-Bromofluorobenzene	11.14	95	140030	49.36	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	31946	15.532	ug/l	97
3) Chloromethane	1.32	50	45182	17.249	ug/l	97
4) Vinyl Chloride	1.40	62	46918	18.216	ug/l	99
5) Bromomethane	1.64	94	30389	18.962	ug/l	99
6) Chloroethane	1.72	64	30913	18.788	ug/l	100
7) Trichlorofluoromethane	1.93	101	73223	20.460	ug/l	94
8) Diethyl Ether	2.19	74	28886	20.225	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.39	101	40653	19.798	ug/l	97
10) Methyl Iodide	2.51	142	43454	21.884	ug/l	96
11) Tert butyl alcohol	3.06	59	75610	110.460	ug/l	99
12) 1,1-Dichloroethene	2.37	96	39296	20.089	ug/l	96
13) Acrolein	2.29	56	36469	104.445	ug/l	96
14) Allyl chloride	2.72	41	90521	20.735	ug/l	95
15) Acrylonitrile	3.14	53	161486	105.208	ug/l	100
16) Acetone	2.45	43	145012	107.886	ug/l	94
17) Carbon Disulfide	2.57	76	112963	18.945	ug/l	99
18) Methyl Acetate	2.78	43	76376	22.188	ug/l	92
19) Methyl tert-butyl Ether	3.20	73	146391	20.980	ug/l	97
20) Methylene Chloride	2.85	84	45462	20.195	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	42502	19.900	ug/l	96
22) Diisopropyl ether	3.87	45	153837	20.179	ug/l	92
23) Vinyl Acetate	3.82	43	692742	103.177	ug/l	96
24) 1,1-Dichloroethane	3.70	63	87799	21.183	ug/l	99
25) 2-Butanone	4.70	43	217424	106.225	ug/l	94
26) 2,2-Dichloropropane	4.58	77	50906	15.908	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	45656	19.829	ug/l	96
28) Bromochloromethane	5.01	49	44331	22.114	ug/l	88
29) Tetrahydrofuran	5.15	42	139580	104.787	ug/l	90
30) Chloroform	5.21	83	80100	20.660	ug/l	97
31) Cyclohexane	5.57	56	70196	20.469	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	68892	20.133	ug/l	98
36) 1,1-Dichloropropene	5.80	75	57528	19.201	ug/l	99
37) Ethyl Acetate	4.85	43	83665	21.883	ug/l	96
38) Carbon Tetrachloride	5.78	117	60244	19.091	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102418\
 Data File : VX005560.D
 Acq On : 25 Oct 2018 00:31
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 Sample : VX1024WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBSD02

Quant Time: Oct 25 05:55:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 24 13:13:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	62334	18.841	ug/l	94
40) Benzene	6.15	78	177565	20.674	ug/l	98
41) Methacrylonitrile	5.06	41	43817	20.574	ug/l	95
42) 1,2-Dichloroethane	6.20	62	65740	20.149	ug/l	96
43) Isopropyl Acetate	6.46	43	112347	19.609	ug/l	95
44) Trichloroethene	7.21	130	47403	20.259	ug/l	93
45) 1,2-Dichloropropane	7.52	63	47650	20.636	ug/l	99
46) Dibromomethane	7.66	93	30358	20.356	ug/l	98
47) Bromodichloromethane	7.90	83	58809	20.317	ug/l	98
48) Methyl methacrylate	7.77	41	58341	20.903	ug/l	94
49) 1,4-Dioxane	7.75	88	25826	423.412	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	402930	104.645	ug/l	93
52) Toluene	8.79	92	109271	20.934	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	60993	19.497	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	67824	20.137	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	45092	20.490	ug/l	97
56) Ethyl methacrylate	9.18	69	66234	20.178	ug/l	92
57) 1,3-Dichloropropane	9.37	76	76122	20.443	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	185321	101.084	ug/l	93
59) 2-Hexanone	9.49	43	315237	103.837	ug/l	91
60) Dibromochloromethane	9.59	129	46523	20.262	ug/l	100
61) 1,2-Dibromoethane	9.67	107	47359	20.801	ug/l	100
64) Tetrachloroethene	9.34	164	49909	20.959	ug/l	97
65) Chlorobenzene	10.14	112	121990	19.971	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	44497	19.978	ug/l	99
67) Ethyl Benzene	10.25	91	205305	20.429	ug/l	96
68) m/p-Xylenes	10.36	106	160052	41.049	ug/l	94
69) o-Xylene	10.70	106	75034	20.455	ug/l	94
70) Styrene	10.71	104	126642	20.623	ug/l	96
71) Bromoform	10.86	173	38235	19.238	ug/l #	99
73) Isopropylbenzene	11.02	105	209213	21.890	ug/l	99
74) N-amyl acetate	10.90	43	98704	20.843	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	71764	20.353	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	83771	26.305	ug/l	87
77) Bromobenzene	11.26	156	56404	21.176	ug/l	97
78) n-propylbenzene	11.36	91	238569	21.830	ug/l	99
79) 2-Chlorotoluene	11.42	91	144738	21.361	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	178131	21.787	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	18849	18.592	ug/l	97
82) 4-Chlorotoluene	11.51	91	172472	21.586	ug/l	98
83) tert-Butylbenzene	11.77	119	171363	21.027	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	182859	22.068	ug/l	97
85) sec-Butylbenzene	11.94	105	208023	21.391	ug/l	99
86) p-Isopropyltoluene	12.07	119	188651	21.701	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	103161	20.596	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	104129	19.876	ug/l	97
89) n-Butylbenzene	12.39	91	157811	20.108	ug/l	97
90) Hexachloroethane	12.60	117	30064	20.051	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	103279	20.381	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17655	20.708	ug/l	92

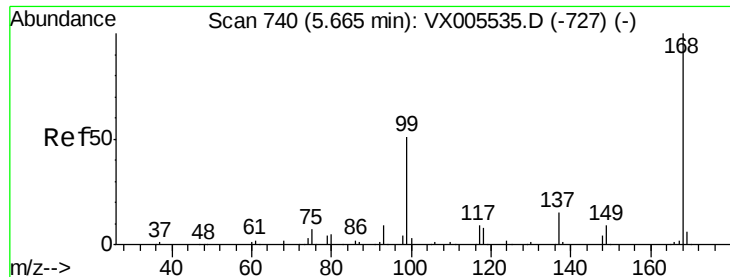
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102418\
Data File : VX005560.D
Acq On : 25 Oct 2018 00:31
Operator : JC/MD
Sample : VX1024WBSD02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD02

Quant Time: Oct 25 05:55:57 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 24 13:13:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	72883	19.841	ug/l	100
94) Hexachlorobutadiene	13.79	225	36297	19.067	ug/l	95
95) Naphthalene	13.83	128	228695	21.418	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	77628	20.847	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: VX005560.D

Acq: 25 Oct 2018 00:31

Instrument :

MSVOA_X

ClientSampleId :

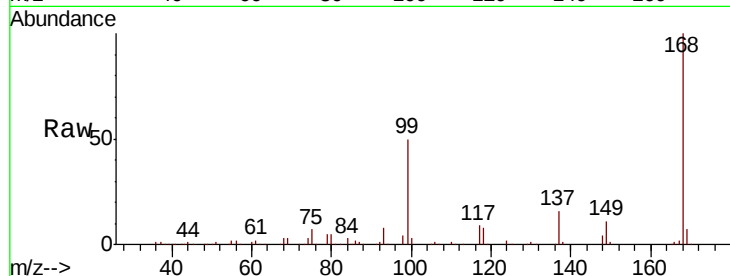
VX1024WBSD02

Tot Ion:168 Resp: 208382

Ion Ratio Lower Upper

168 100

99 49.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): VX005535.D (-727) (-)

Ion 98.90 (98.60 to 99.60): VX005535.D (-727) (-)

5.67

80000

60000

40000

20000

0

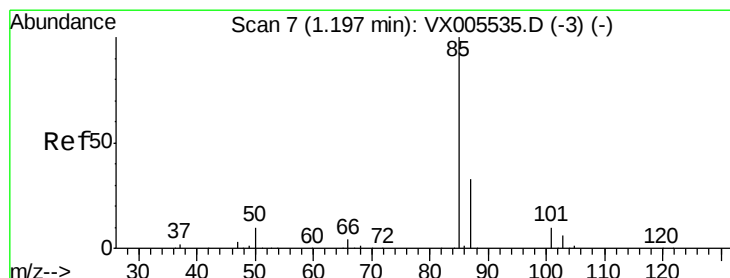
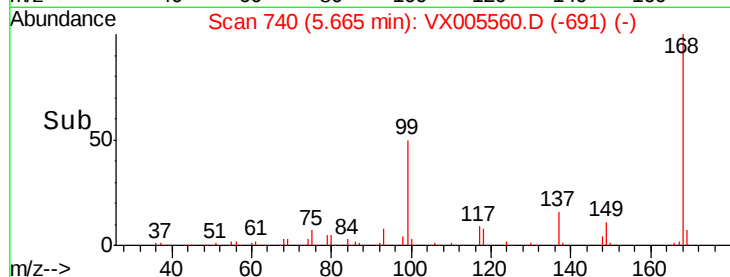
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 15.532 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005560.D

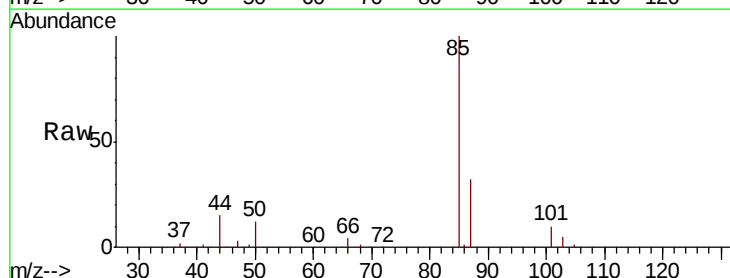
Acq: 25 Oct 2018 00:31

Tgt Ion: 85 Resp: 31946

Ion Ratio Lower Upper

85 100

87 31.9 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX005535.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VX005535.D (-3) (-)

1.20

30000

20000

10000

0

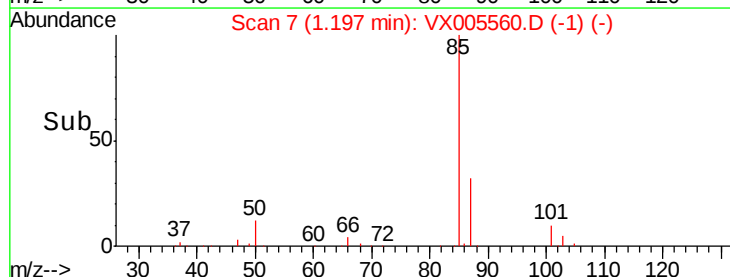
Time-->

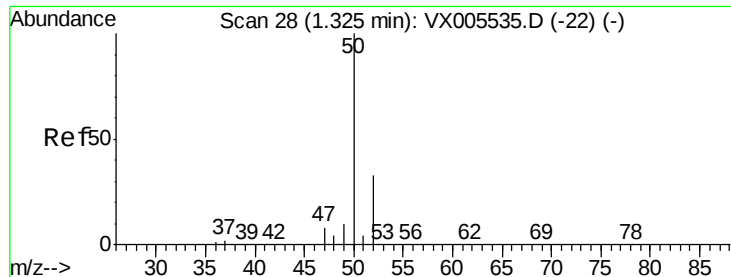
1.15

1.20

1.25

1.30





#3

Chloromethane

Concen: 17.249 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005560.D

Acq: 25 Oct 2018 00:31

Instrument :

MSVOA_X

ClientSampleId :

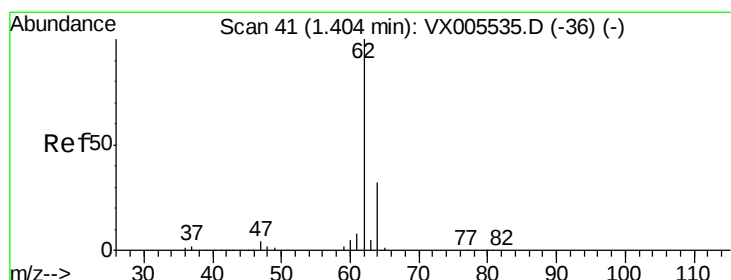
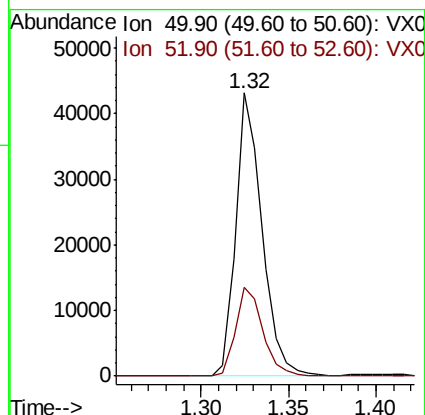
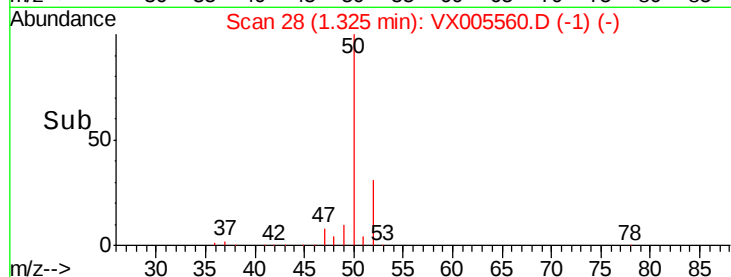
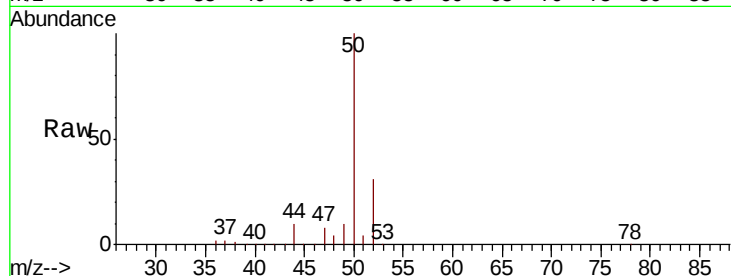
VX1024WBSD02

Tot Ion: 50 Resp: 45182

Ion Ratio Lower Upper

50 100

52 31.3 26.2 39.2



#4

Vinyl Chloride

Concen: 18.216 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005560.D

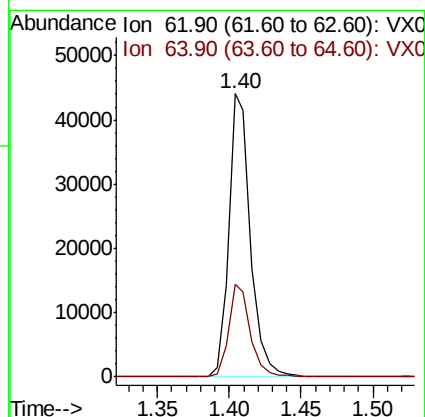
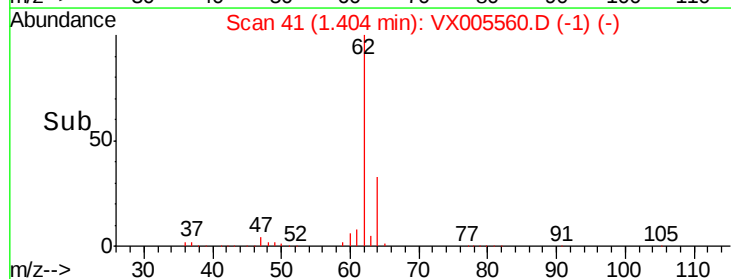
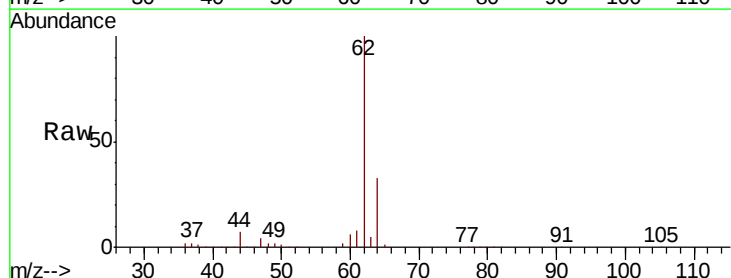
Acq: 25 Oct 2018 00:31

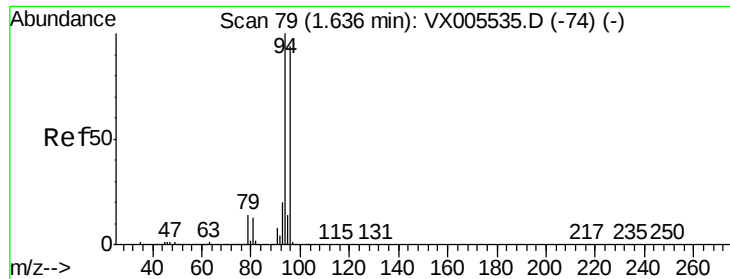
Tgt Ion: 62 Resp: 46918

Ion Ratio Lower Upper

62 100

64 32.8 25.8 38.8





#5

Bromomethane

Concen: 18.962 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005560.D

Acq: 25 Oct 2018 00:31

Instrument :

MSVOA_X

ClientSampleId :

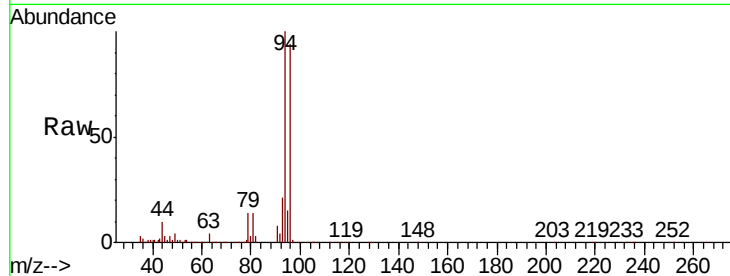
VX1024WBSD02

Tot Ion: 94 Resp: 30389

Ion Ratio Lower Upper

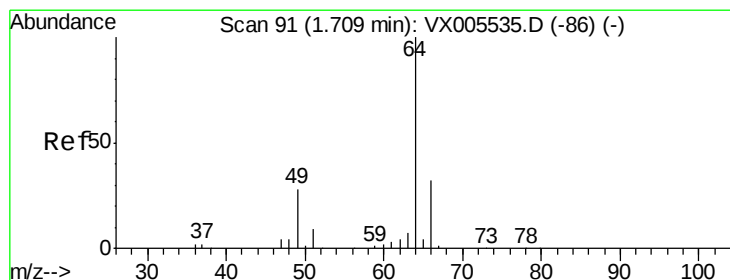
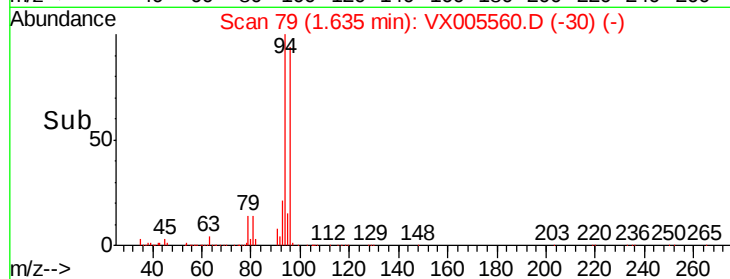
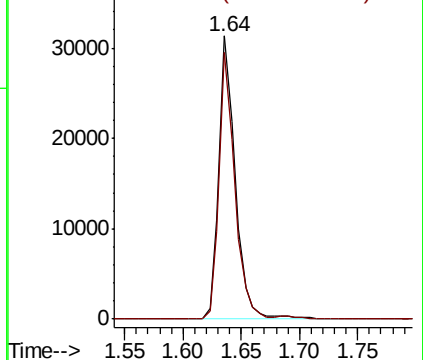
94 100

96 94.1 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.788 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005560.D

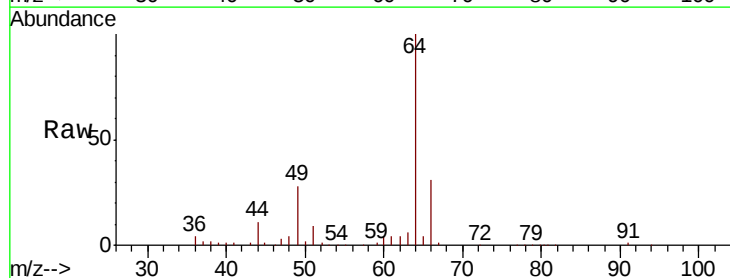
Acq: 25 Oct 2018 00:31

Tgt Ion: 64 Resp: 30913

Ion Ratio Lower Upper

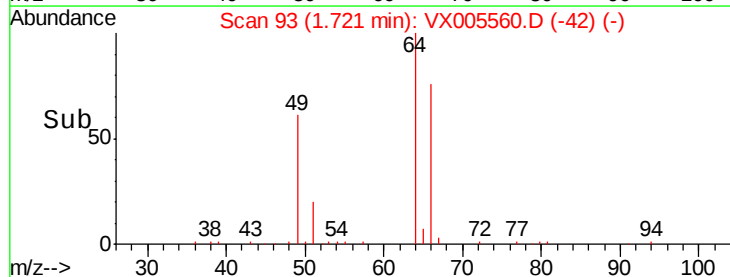
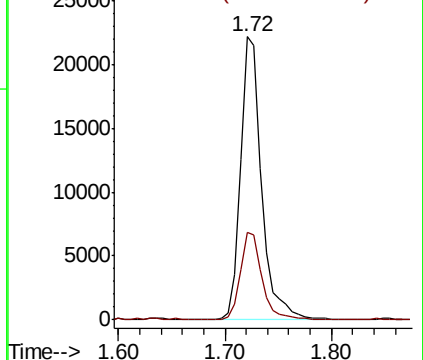
64 100

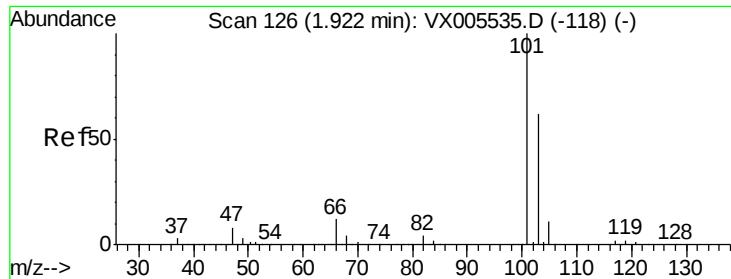
66 30.7 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



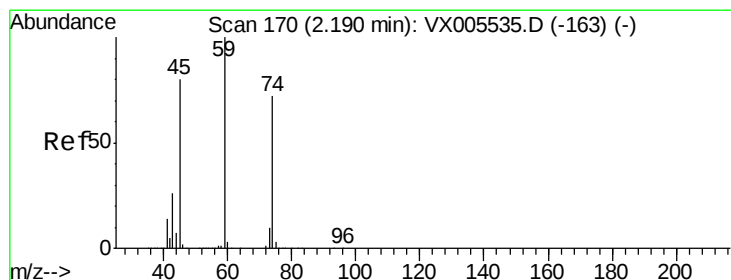
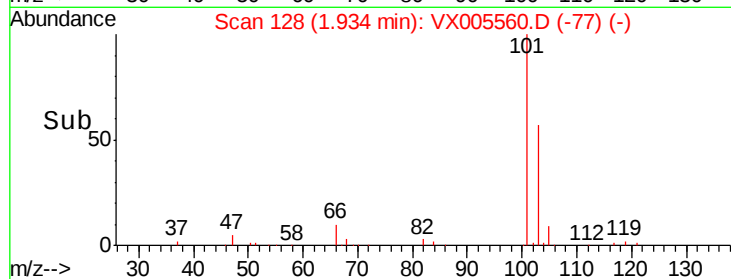
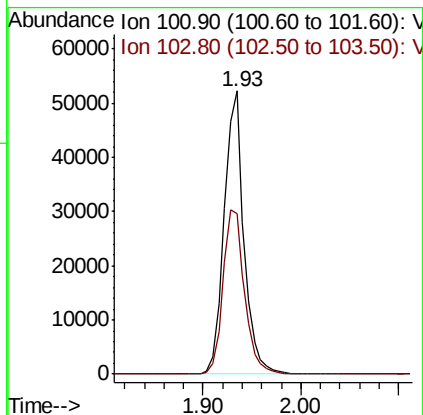
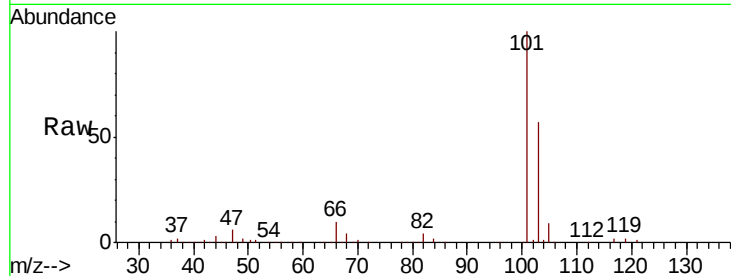


#7

Trichlorofluoromethane
Concen: 20.460 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX005560.D
Acq: 25 Oct 2018 00:31

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD02

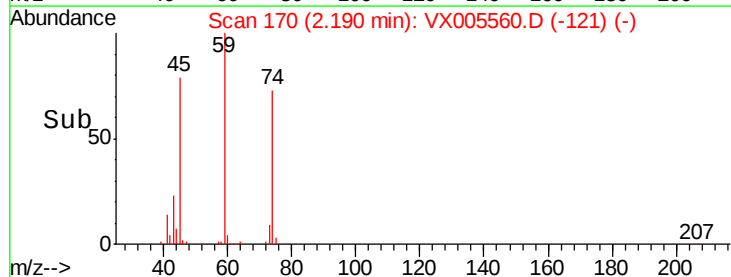
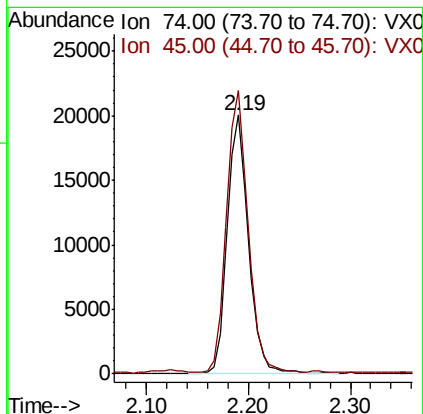
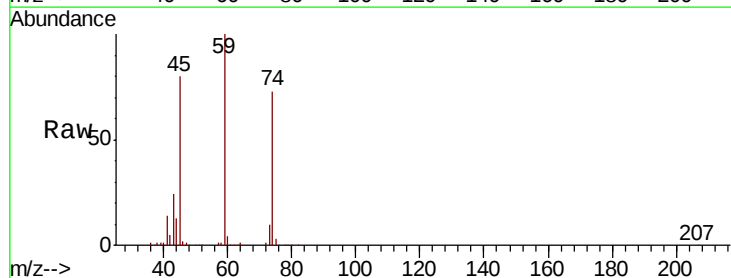
Tot Ion:101 Resp: 73223
Ion Ratio Lower Upper
101 100
103 56.6 48.9 73.3



#8

Diethyl Ether
Concen: 20.225 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005560.D
Acq: 25 Oct 2018 00:31

Tgt Ion: 74 Resp: 28886
Ion Ratio Lower Upper
74 100
45 109.2 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.798 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX005560.D

Acq: 25 Oct 2018 00:31

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBSD02

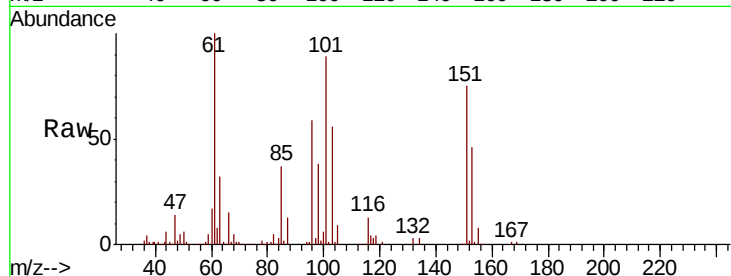
Tot Ion:101 Resp: 40653

Ion Ratio Lower Upper

101 100

85 43.0 34.2 51.4

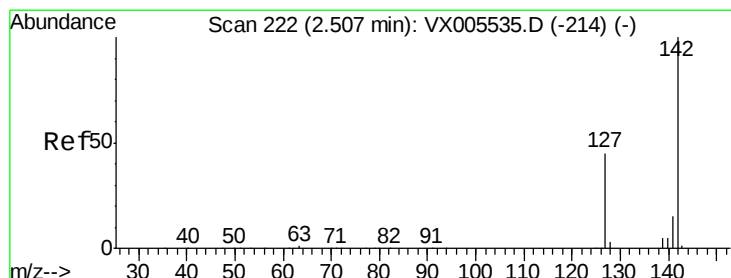
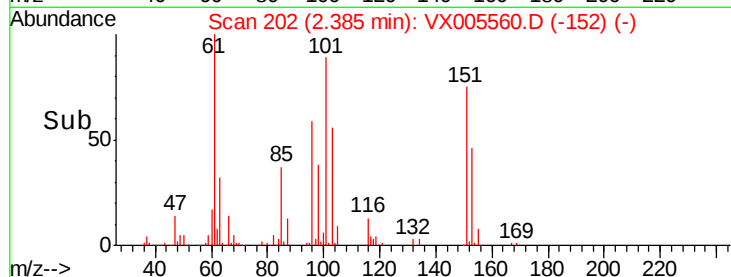
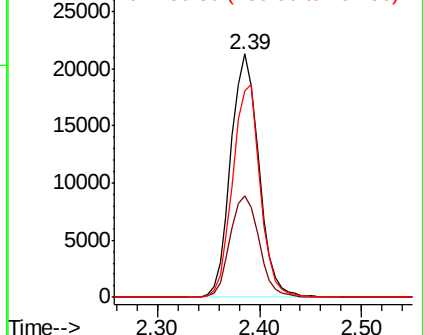
151 85.5 65.0 97.6



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: 21.884 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX005560.D

Acq: 25 Oct 2018 00:31

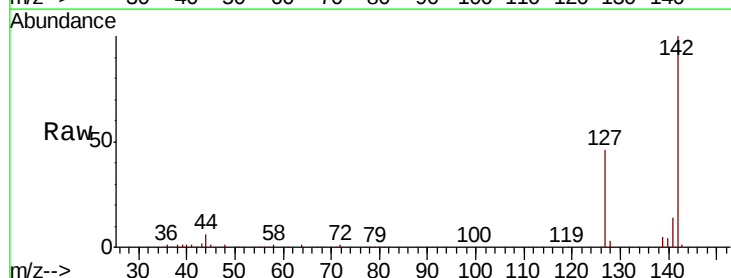
Tgt Ion:142 Resp: 43454

Ion Ratio Lower Upper

142 100

127 45.2 33.8 50.6

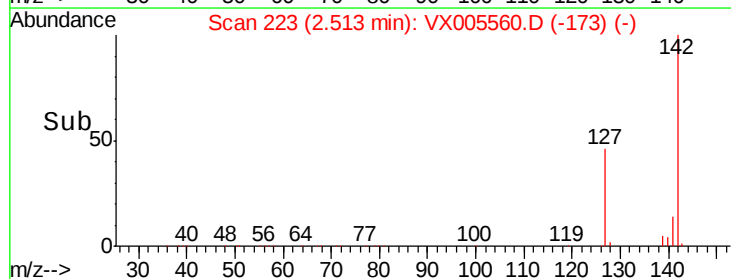
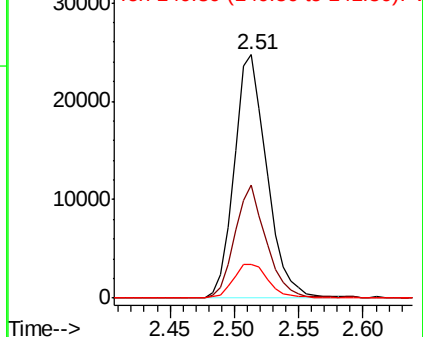
141 15.0 11.4 17.0

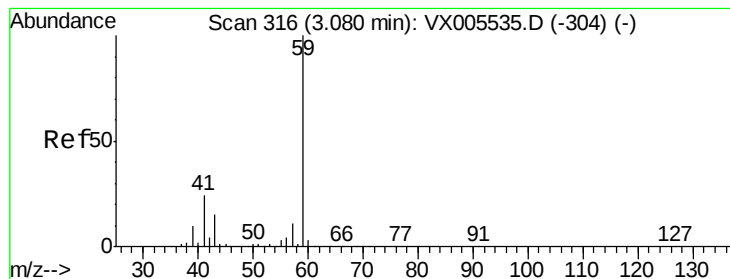


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



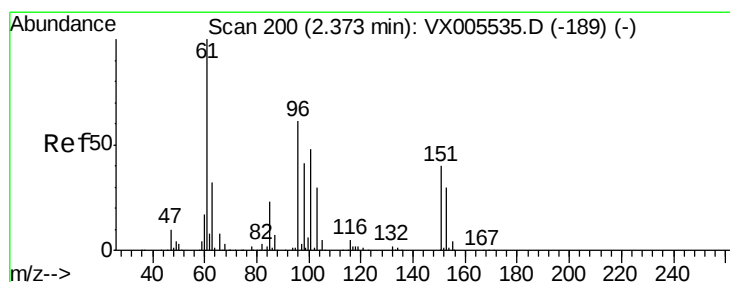
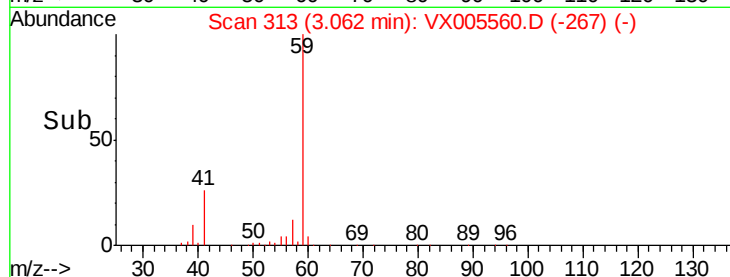
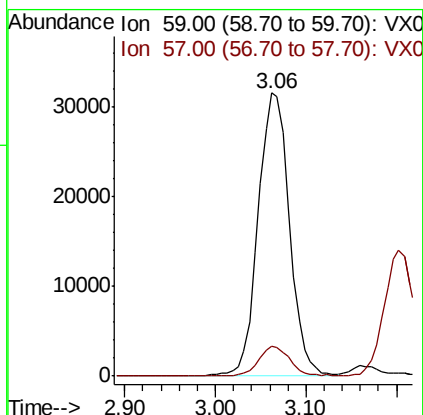
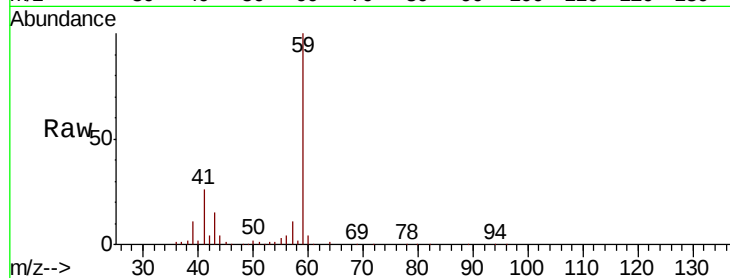


#11

Tert butyl alcohol
 Concen: 110.460 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. -0.02 min
 Lab File: VX005560.D
 Acq: 25 Oct 2018 00:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBSD02

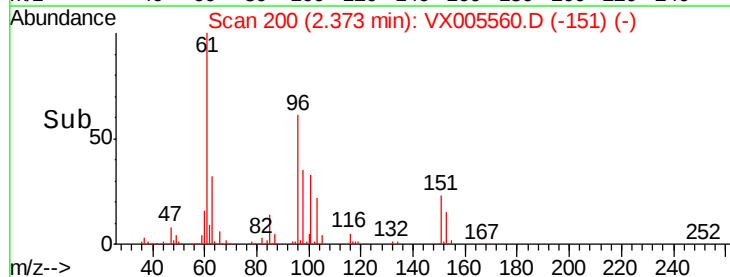
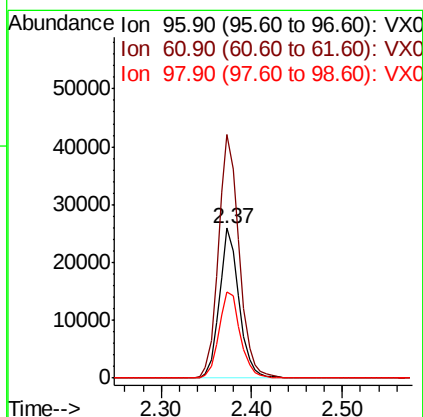
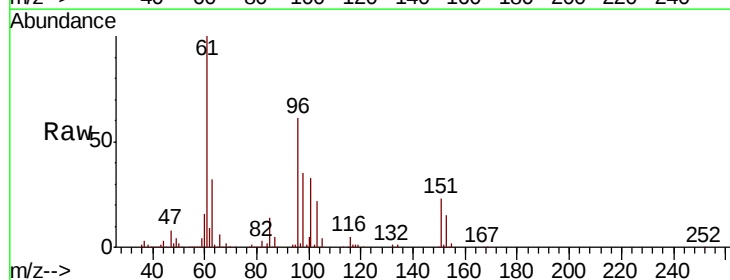
Tot Ion: 59 Resp: 75610
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.2 12.4

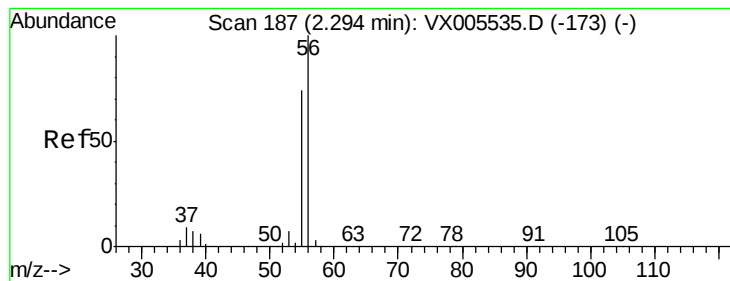


#12

1,1-Dichloroethene
 Concen: 20.089 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX005560.D
 Acq: 25 Oct 2018 00:31

Tgt Ion: 96 Resp: 39296
 Ion Ratio Lower Upper
 96 100
 61 162.6 128.8 193.2
 98 57.2 52.2 78.2





#13

Acrolein

Concen: 104.445 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005560.D

Acq: 25 Oct 2018 00:31

Instrument :

MSVOA_X

ClientSampleId :

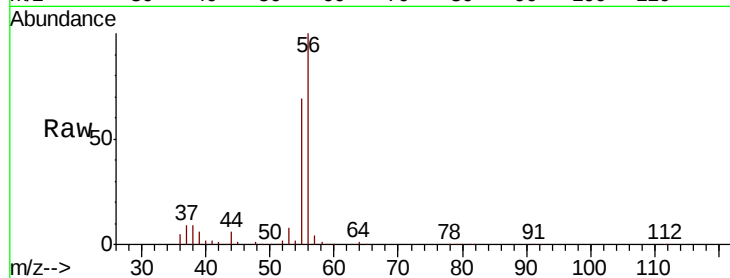
VX1024WBSD02

Tot Ion: 56 Resp: 36469

Ion Ratio Lower Upper

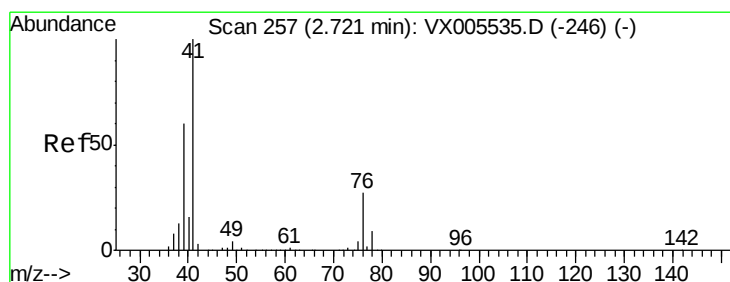
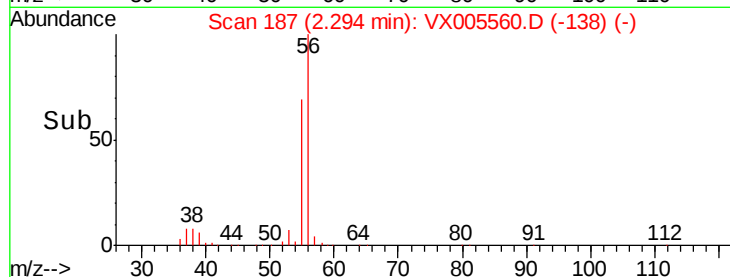
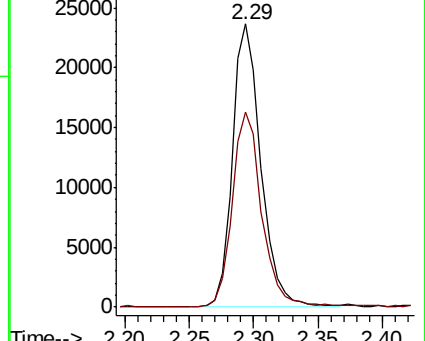
56 100

55 72.0 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 20.735 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.00 min

Lab File: VX005560.D

Acq: 25 Oct 2018 00:31

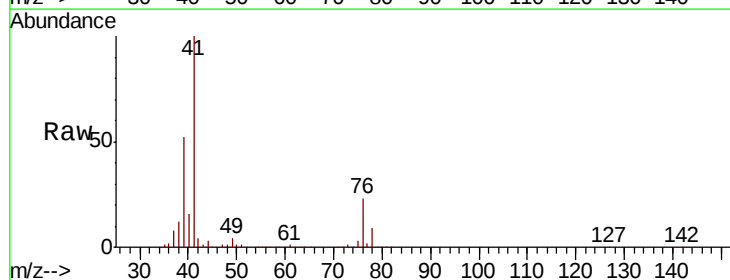
Tgt Ion: 41 Resp: 90521

Ion Ratio Lower Upper

41 100

39 59.9 48.9 73.3

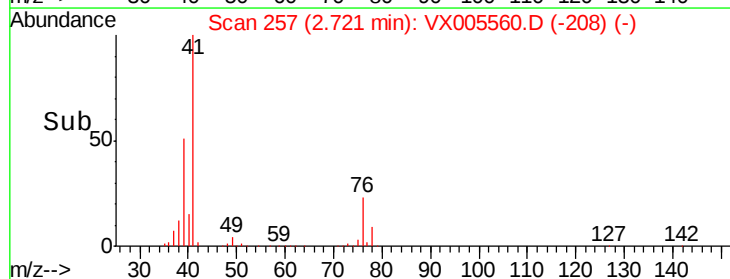
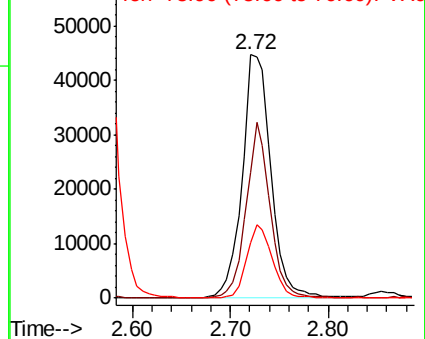
76 27.1 26.7 40.1

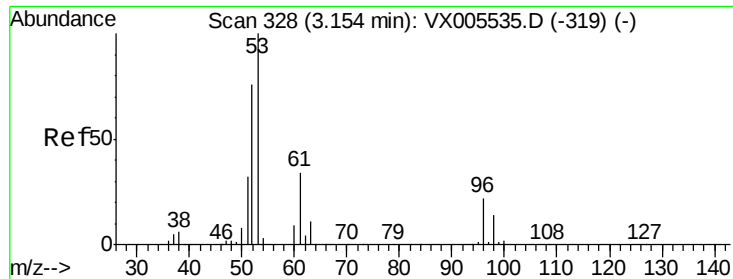


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

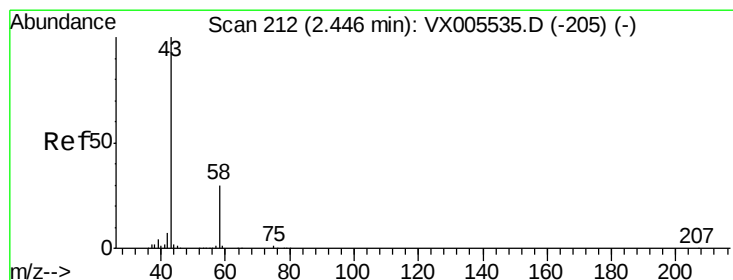
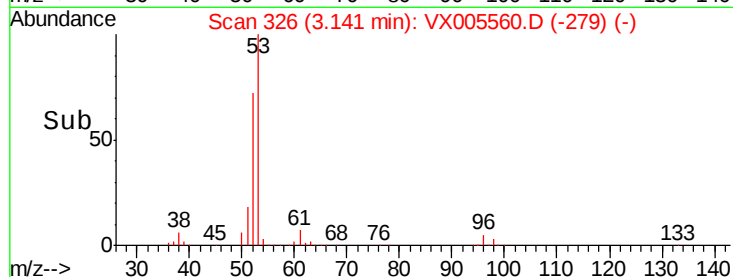
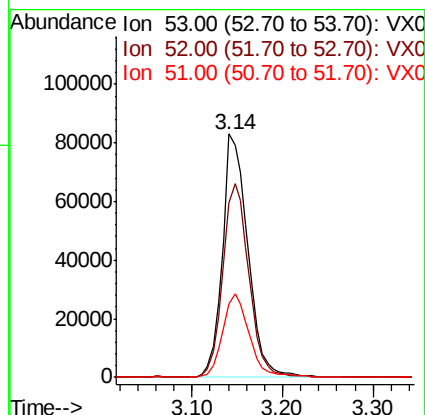
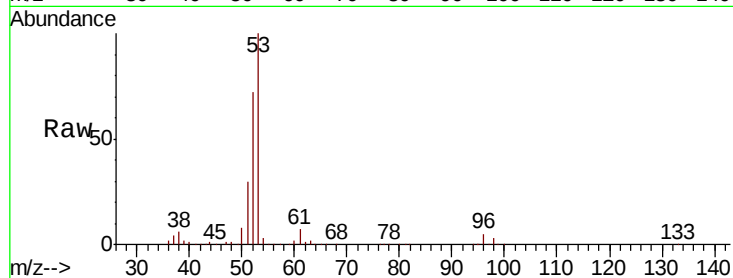




#15
 Acrylonitrile
 Concen: 105.208 ug/l
 RT: 3.14 min Scan# 326
 Delta R.T. -0.01 min
 Lab File: VX005560.D
 Acq: 25 Oct 2018 00:31

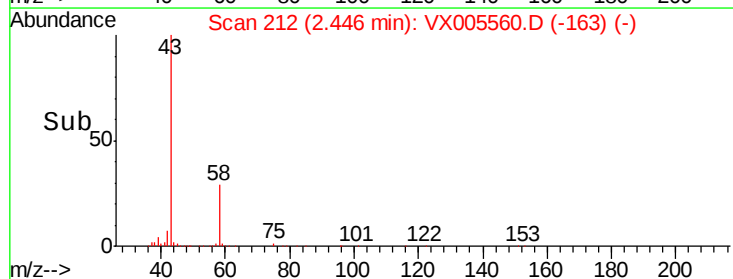
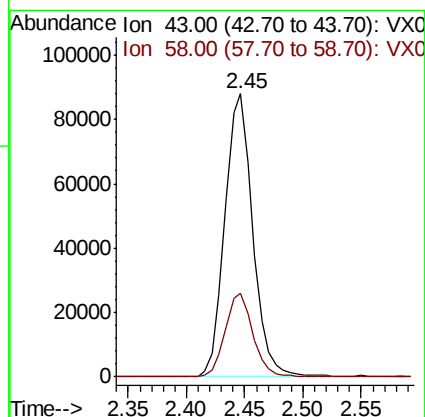
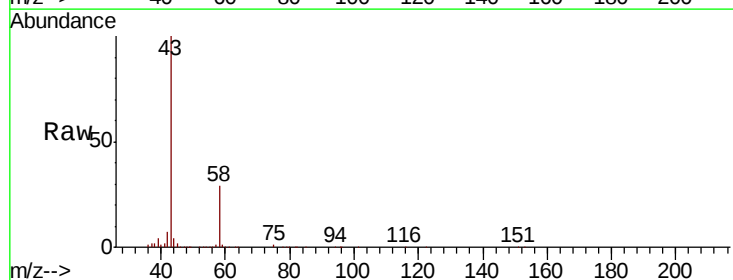
Instrument :
 MSVOA_X
 ClientSampleID :
 VX1024WBSD02

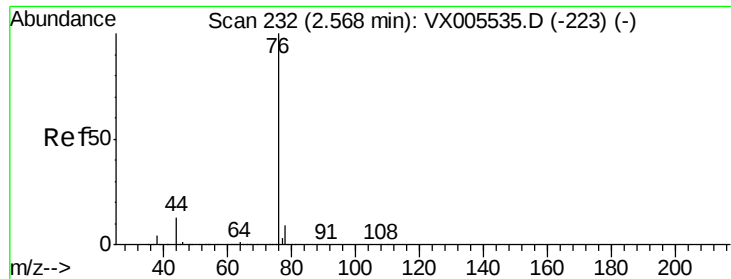
Tot Ion: 53 Resp: 161486
 Ion Ratio Lower Upper
 53 100
 52 81.7 65.2 97.8
 51 35.8 28.2 42.2



#16
 Acetone
 Concen: 107.886 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX005560.D
 Acq: 25 Oct 2018 00:31

Tgt Ion: 43 Resp: 145012
 Ion Ratio Lower Upper
 43 100
 58 29.3 26.2 39.4

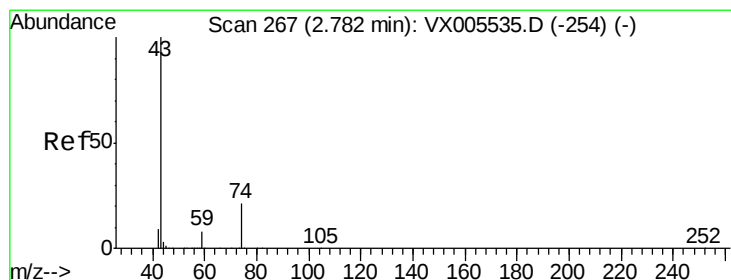
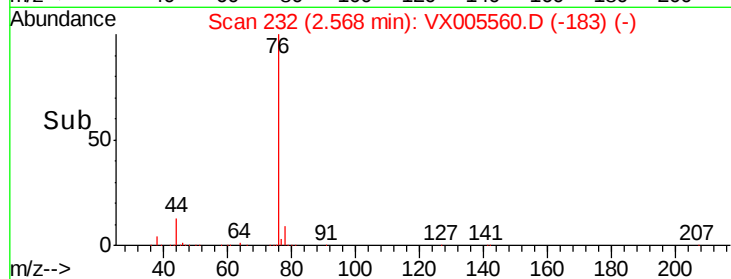
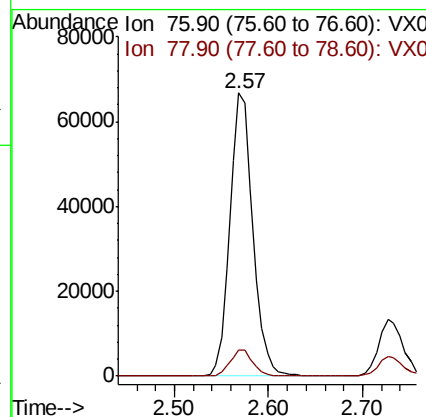
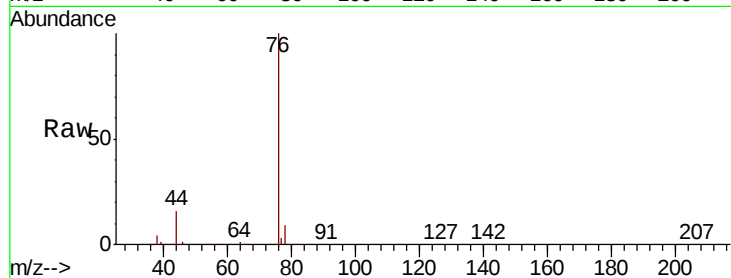




#17
Carbon Disulfide
Concen: 18.945 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005560.D
Acq: 25 Oct 2018 00:31

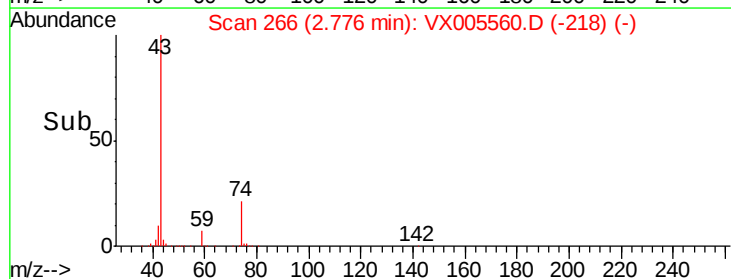
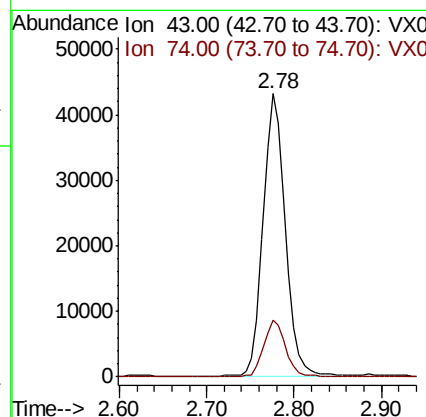
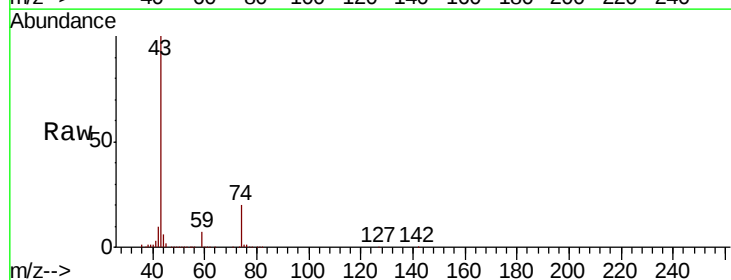
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD02

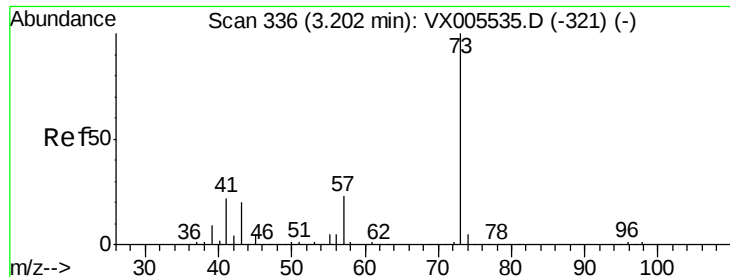
Tot Ion: 76 Resp: 112963
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6



#18
Methyl Acetate
Concen: 22.188 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005560.D
Acq: 25 Oct 2018 00:31

Tgt Ion: 43 Resp: 76376
Ion Ratio Lower Upper
43 100
74 20.1 19.4 29.2

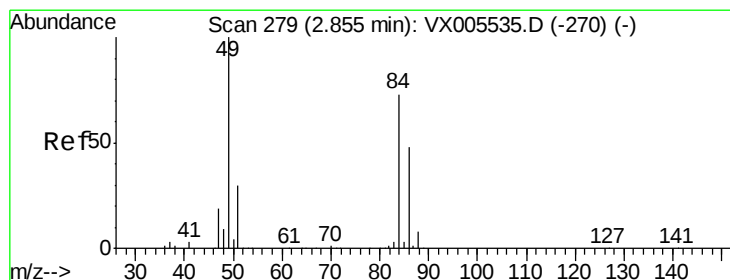
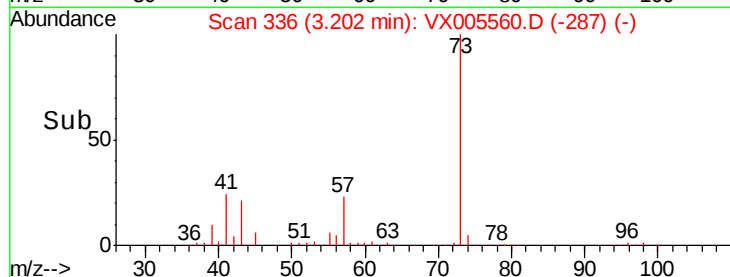
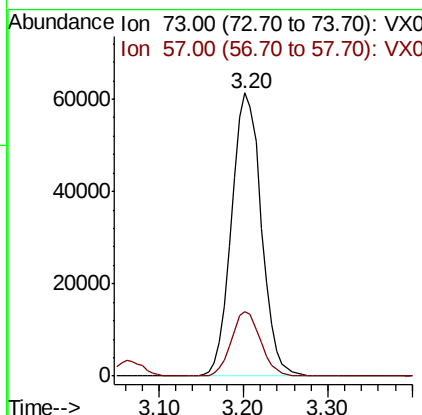
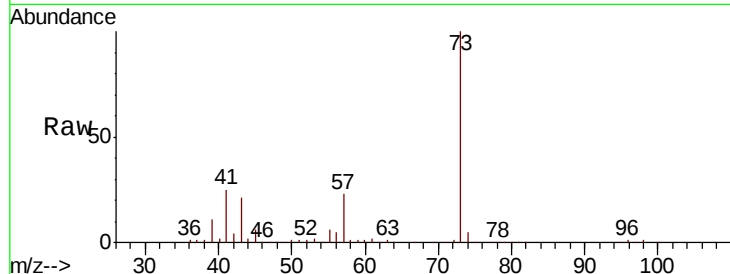




#19
Methvl tert-butvl Ether
Concen: 20.980 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005560.D
Acq: 25 Oct 2018 00:31

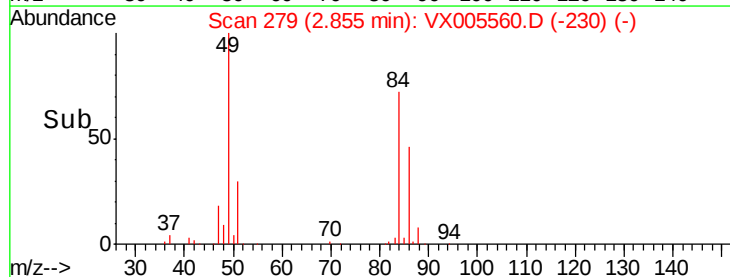
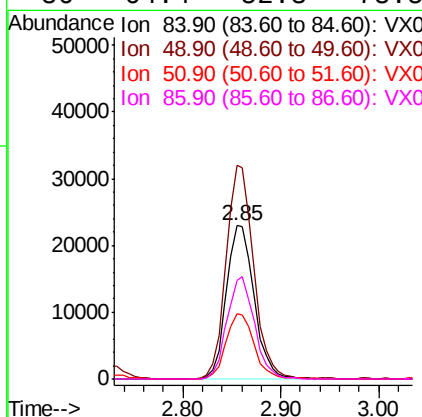
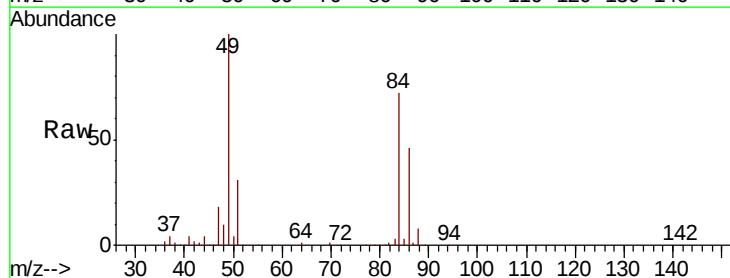
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD02

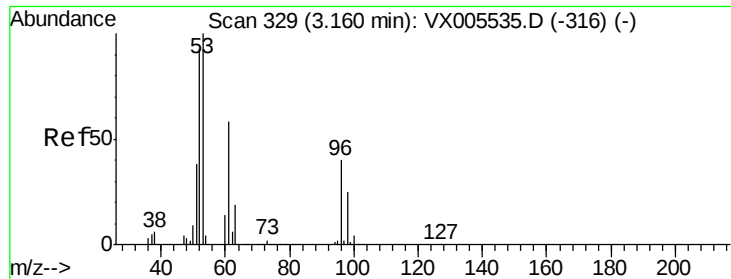
Tot Ion: 73 Resp: 146391
Ion Ratio Lower Upper
73 100
57 23.0 17.1 25.7



#20
Methylene Chloride
Concen: 20.195 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005560.D
Acq: 25 Oct 2018 00:31

Tgt Ion: 84 Resp: 45462
Ion Ratio Lower Upper
84 100
49 139.5 101.2 151.8
51 42.7 29.5 44.3
86 64.4 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 19.900 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX005560.D

Acq: 25 Oct 2018 00:31

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBSD02

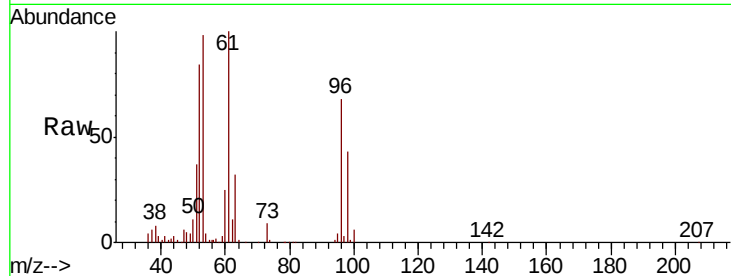
Tot Ion: 96 Resp: 42502

Ion Ratio Lower Upper

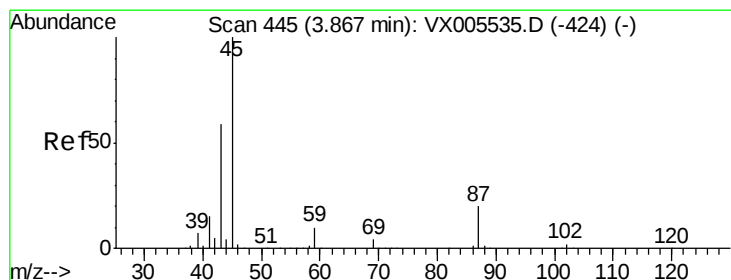
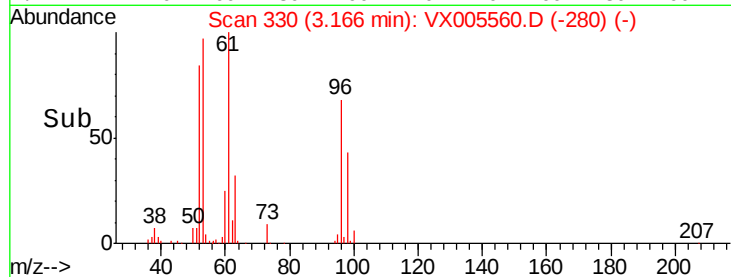
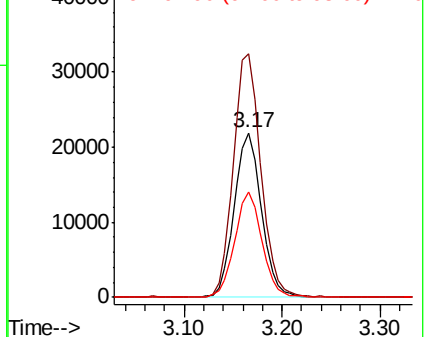
96 100

61 148.1 113.8 170.6

98 63.8 51.8 77.8



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



#22

Diisopropyl ether

Concen: 20.179 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005560.D

Acq: 25 Oct 2018 00:31

Tgt Ion: 45 Resp: 153837

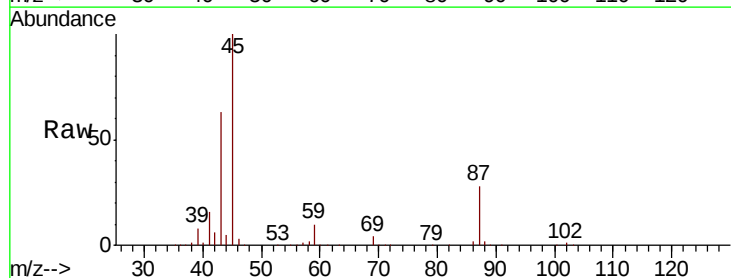
Ion Ratio Lower Upper

45 100

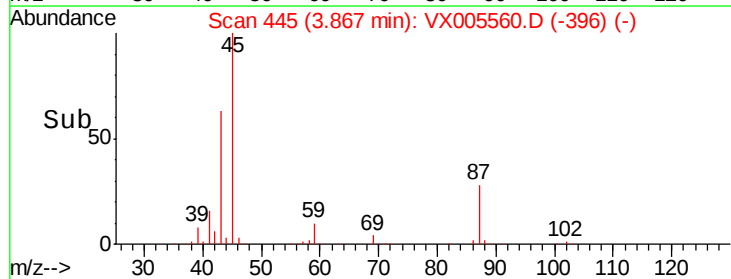
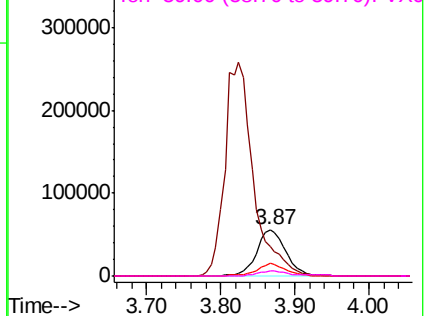
43 62.7 42.8 64.2

87 27.8 22.6 34.0

59 10.4 9.6 14.4



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

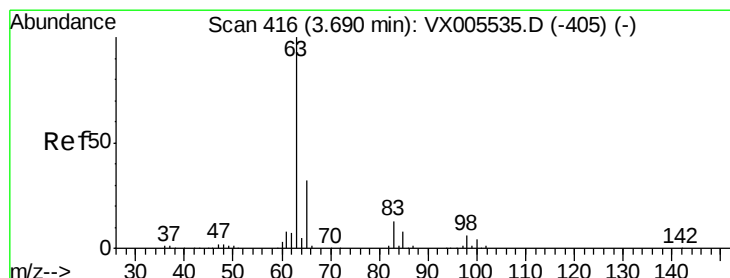
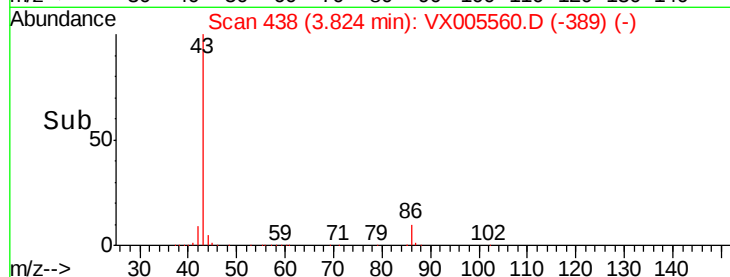
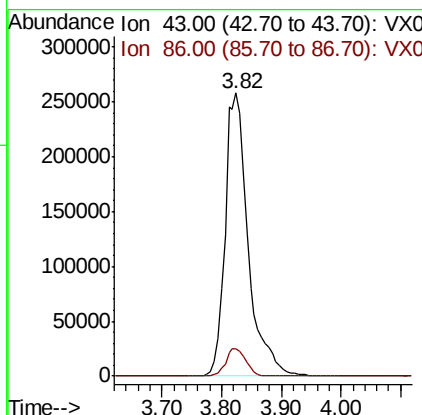
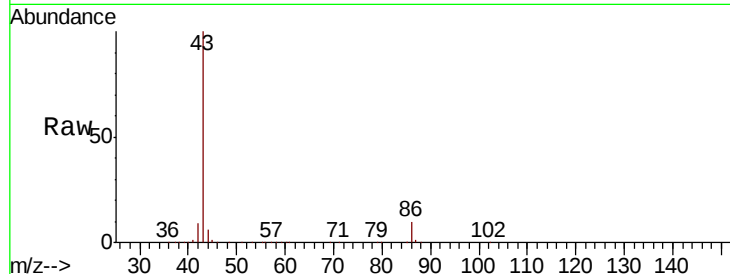




#23
 Vinyl Acetate
 Concen: 103.177 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. -0.00 min
 Lab File: VX005560.D
 Acq: 25 Oct 2018 00:31

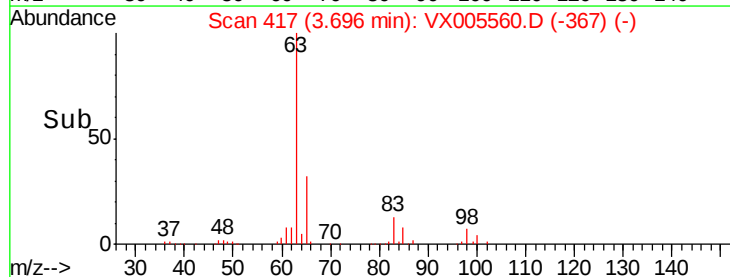
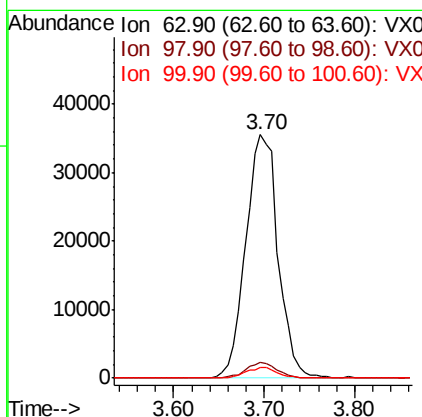
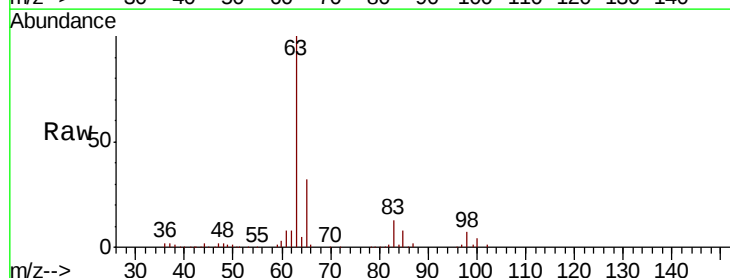
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBSD02

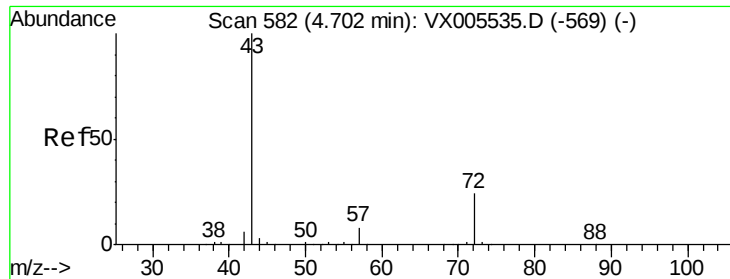
Tot Ion: 43 Resp: 692742
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 21.183 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.01 min
 Lab File: VX005560.D
 Acq: 25 Oct 2018 00:31

Tgt Ion: 63 Resp: 87799
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.4
 100 4.2 2.4 7.1





#25

2-Butanone

Concen: 106.225 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005560.D

Acq: 25 Oct 2018 00:31

Instrument :

MSVOA_X

ClientSampleId :

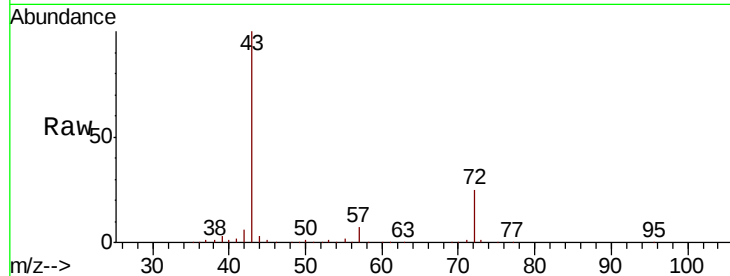
VX1024WBSD02

Tot Ion: 43 Resp: 217424

Ion Ratio Lower Upper

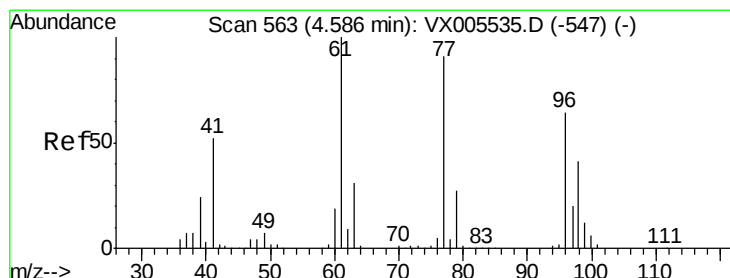
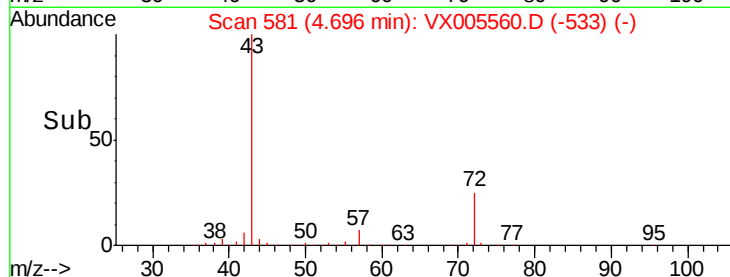
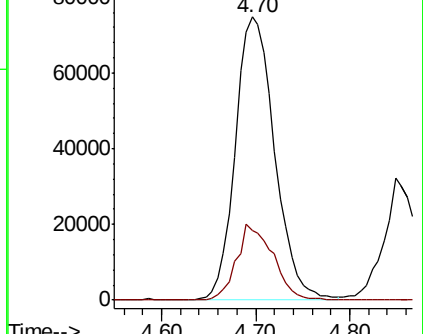
43 100

72 24.6 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 15.908 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX005560.D

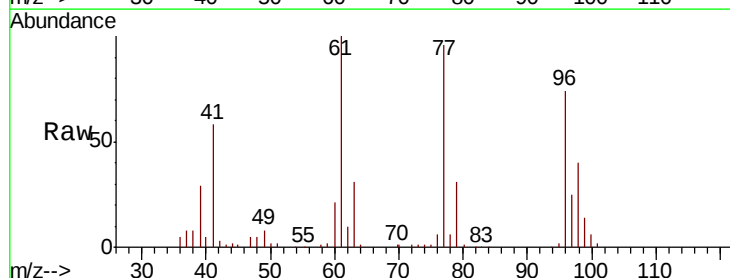
Acq: 25 Oct 2018 00:31

Tgt Ion: 77 Resp: 50906

Ion Ratio Lower Upper

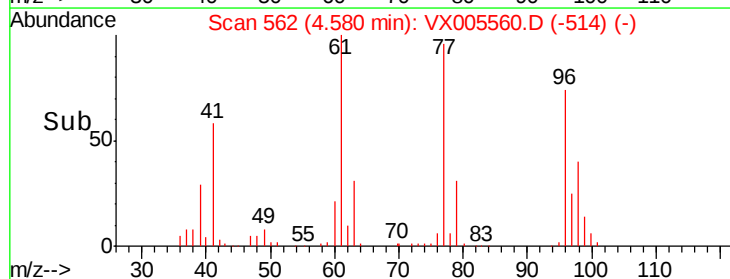
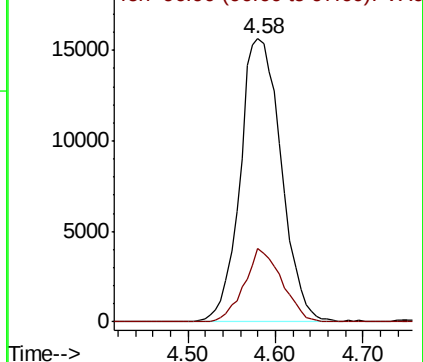
77 100

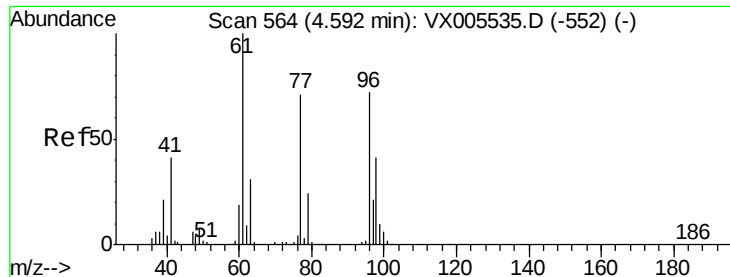
97 23.8 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



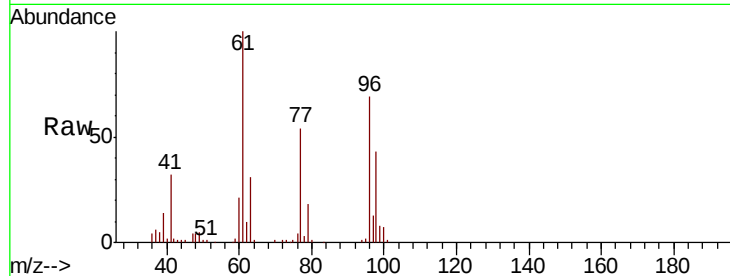


#27

cis-1,2-Dichloroethene
Concen: 19.829 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX005560.D
Acq: 25 Oct 2018 00:31

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.0	0.0	282.6
98	65.5	0.0	130.2

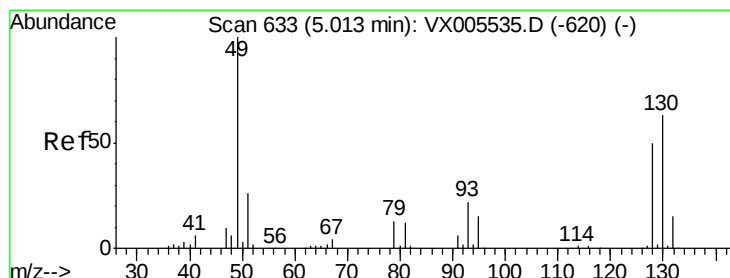
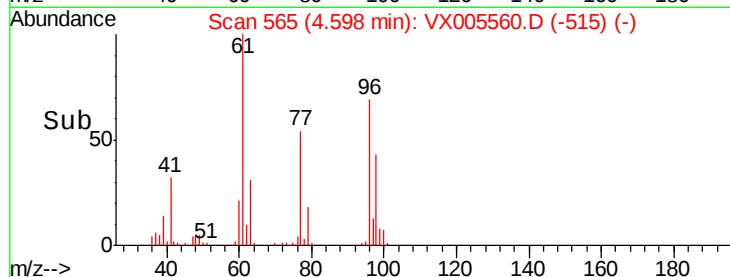
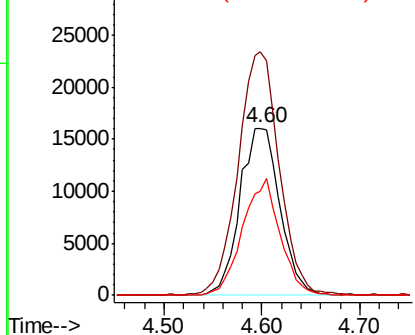


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

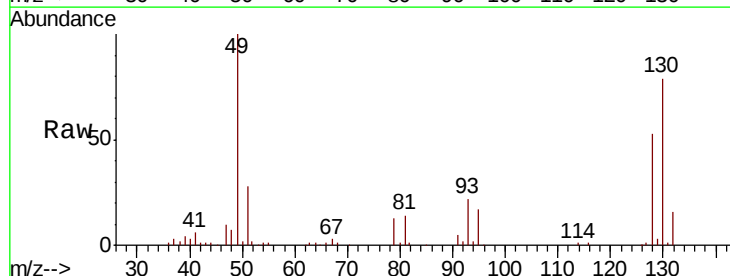
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 22.114 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.00 min
Lab File: VX005560.D
Acq: 25 Oct 2018 00:31

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	73.5	67.5	101.3

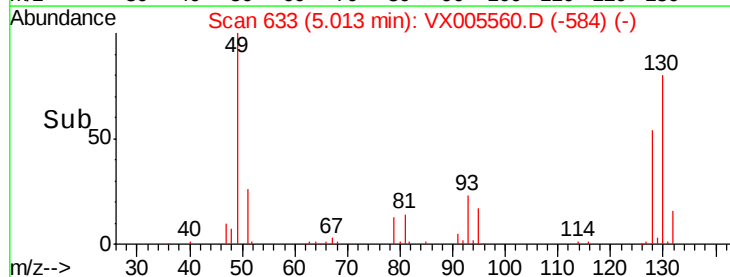
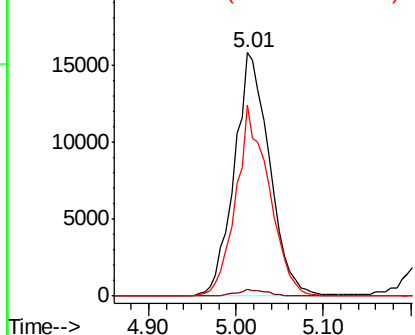


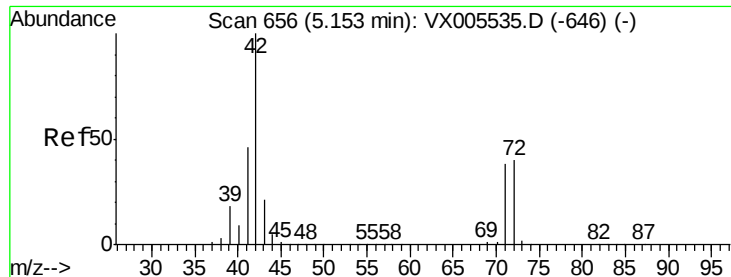
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 104.787 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX005560.D

Acq: 25 Oct 2018 00:31

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBSD02

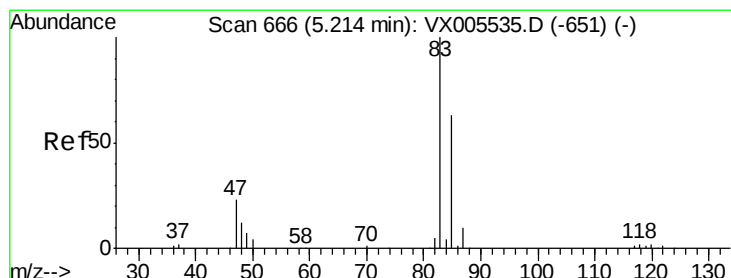
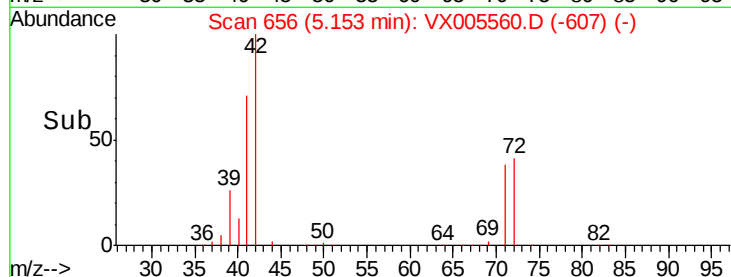
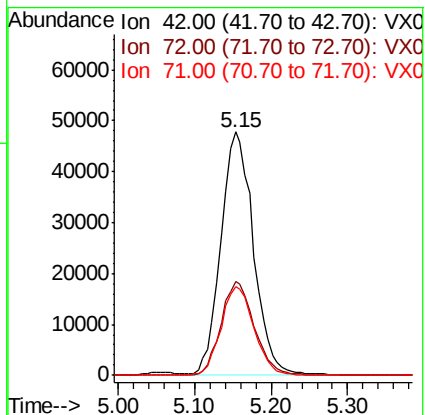
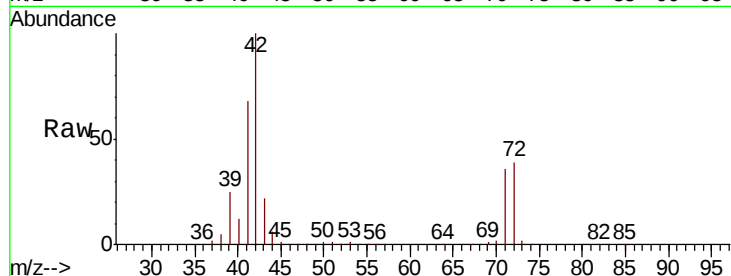
Tot Ion: 42 Resp: 139580

Ion Ratio Lower Upper

42 100

72 40.0 37.4 56.0

71 37.1 34.5 51.7



#30

Chloroform

Concen: 20.660 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX005560.D

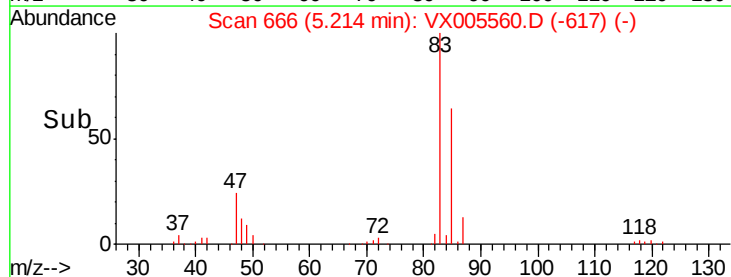
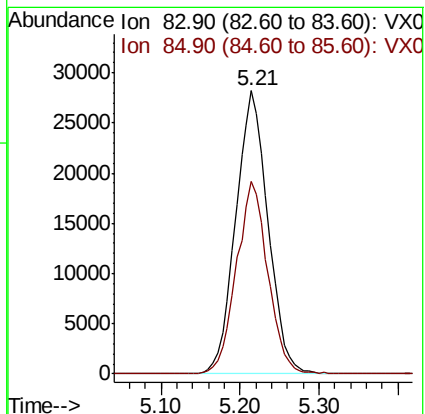
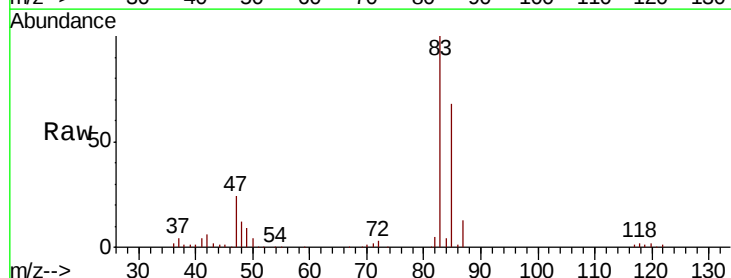
Acq: 25 Oct 2018 00:31

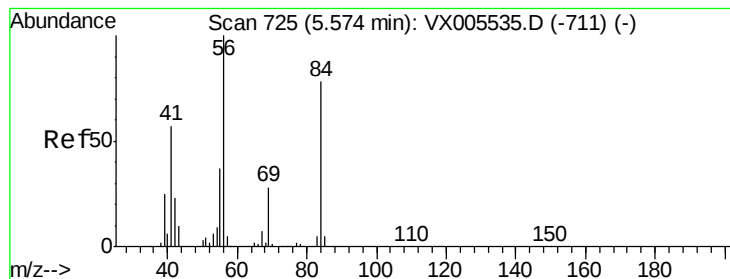
Tgt Ion: 83 Resp: 80100

Ion Ratio Lower Upper

83 100

85 67.8 52.6 79.0





#31

Cyclohexane

Concen: 20.469 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX005560.D

Acq: 25 Oct 2018 00:31

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBSD02

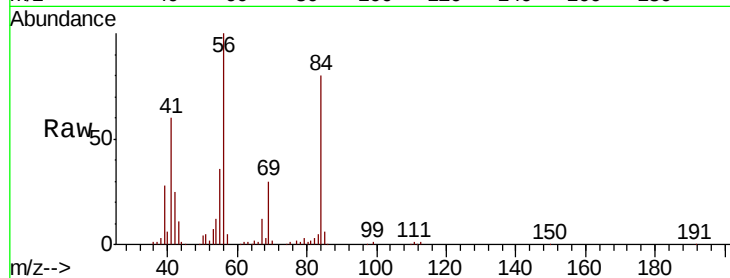
Tot Ion: 56 Resp: 70196

Ion Ratio Lower Upper

56 100

69 30.3 25.4 38.2

84 78.5 71.4 107.2

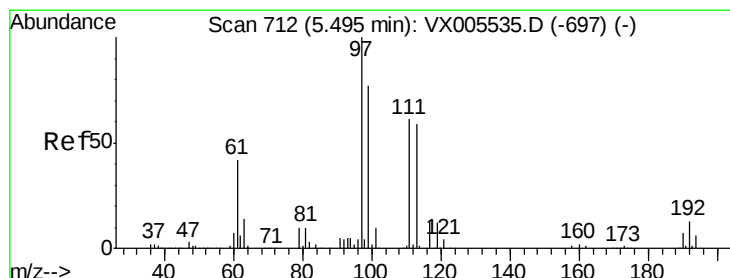
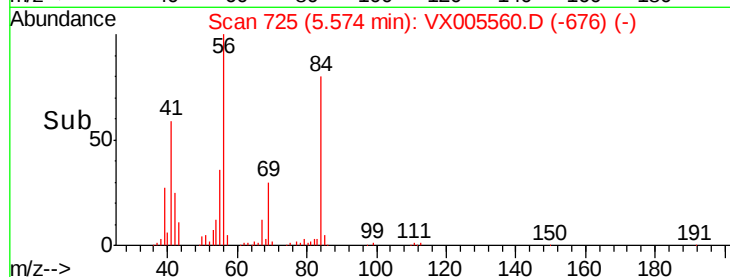
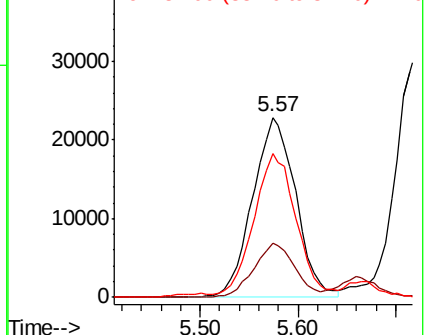


Abundance

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: 20.133 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX005560.D

Acq: 25 Oct 2018 00:31

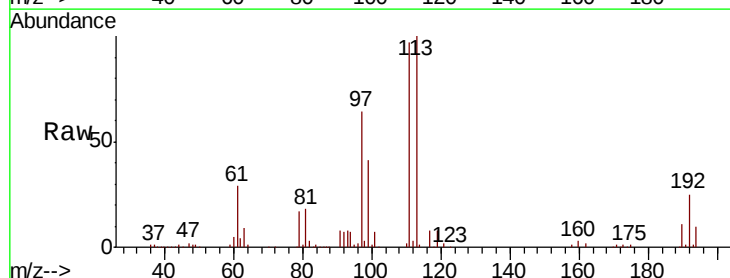
Tgt Ion: 97 Resp: 68892

Ion Ratio Lower Upper

97 100

99 65.2 52.0 78.0

61 45.9 34.9 52.3

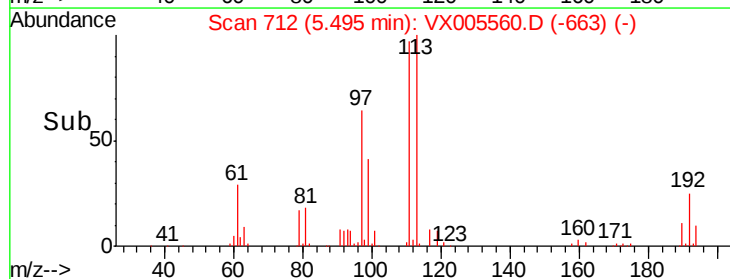
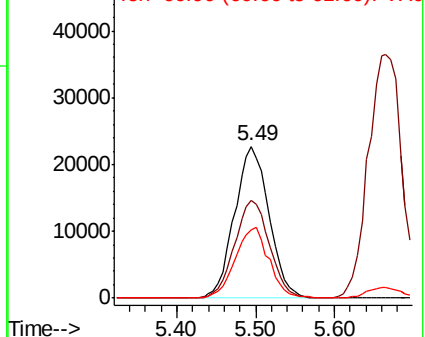


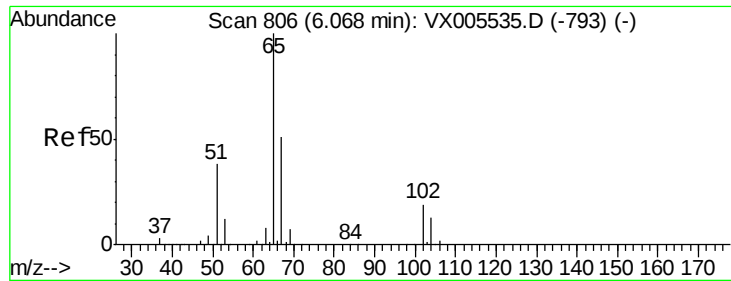
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

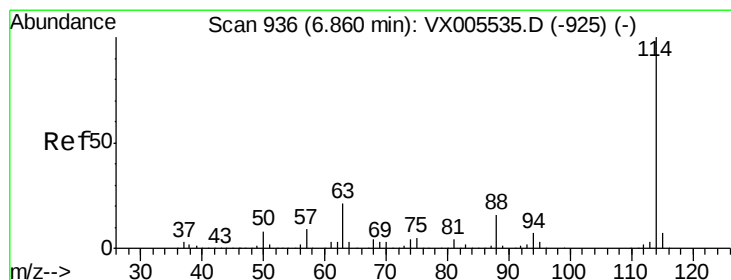
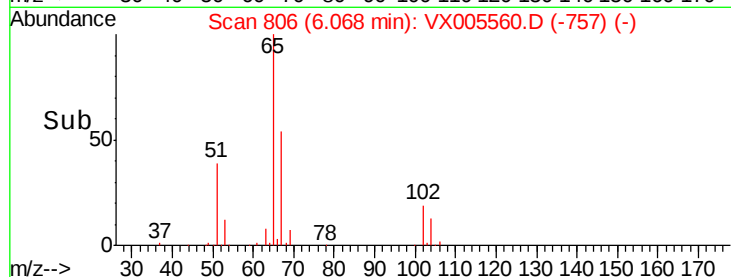
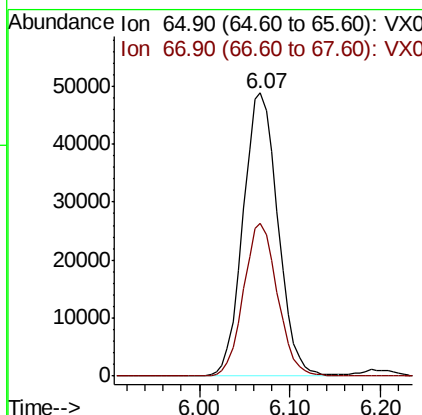
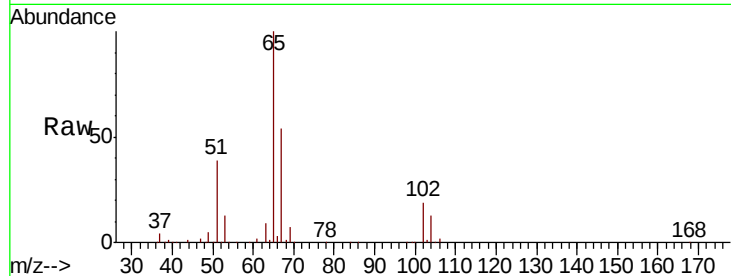




#33
 1,2-Dichloroethane-d4
 Concen: 50.988 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005560.D
 Acq: 25 Oct 2018 00:31

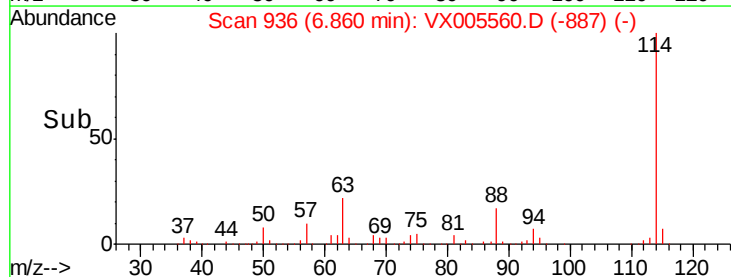
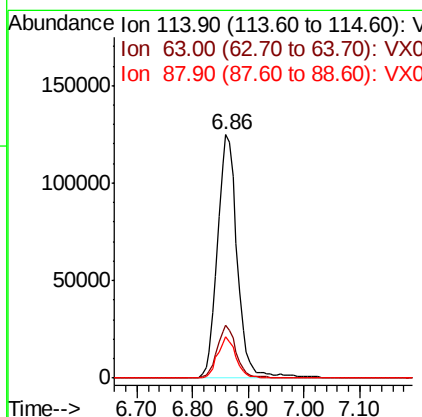
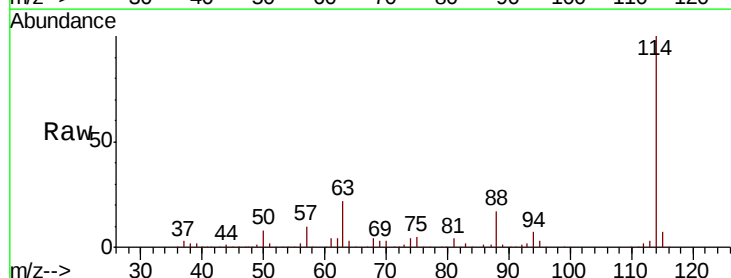
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBSD02

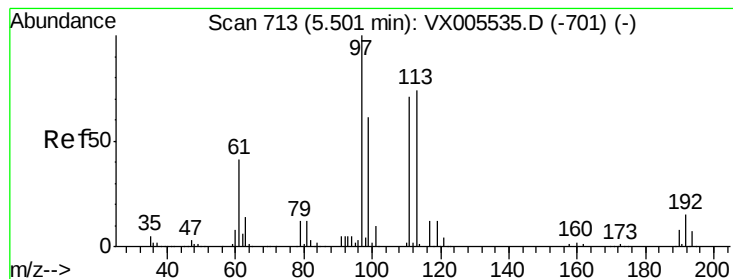
Tot Ion: 65 Resp: 129699
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005560.D
 Acq: 25 Oct 2018 00:31

Tgt Ion: 114 Resp: 308735
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 39.0
 88 16.9 0.0 30.4





#35

Dibromofluoromethane

Concen: 48.854 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005560.D

Acq: 25 Oct 2018 00:31

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBSD02

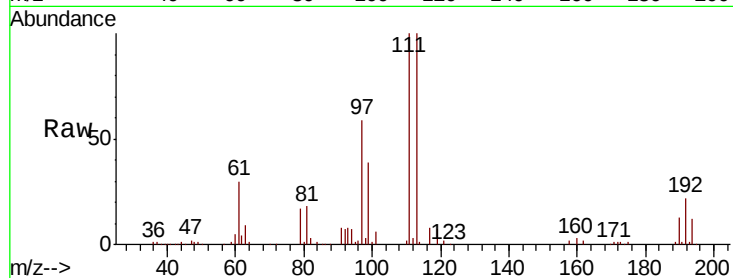
Tot Ion:113 Resp: 102128

Ion Ratio Lower Upper

113 100

111 101.6 82.4 123.6

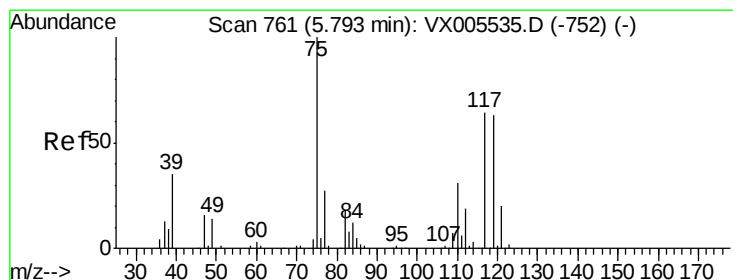
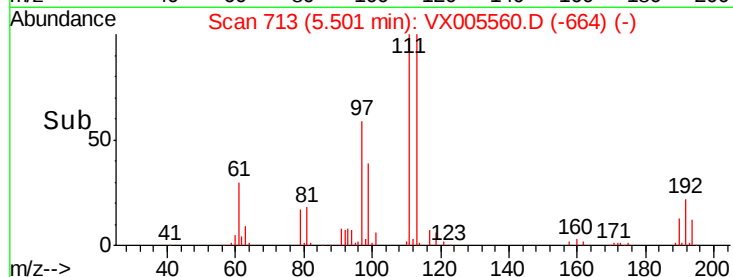
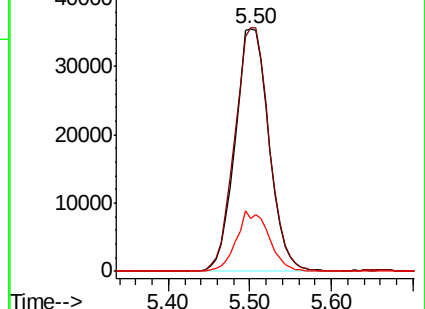
192 23.7 19.4 29.2



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: 19.201 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.01 min

Lab File: VX005560.D

Acq: 25 Oct 2018 00:31

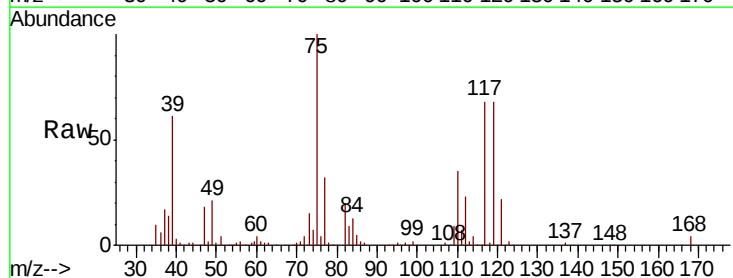
Tgt Ion: 75 Resp: 57528

Ion Ratio Lower Upper

75 100

110 36.5 18.0 54.0

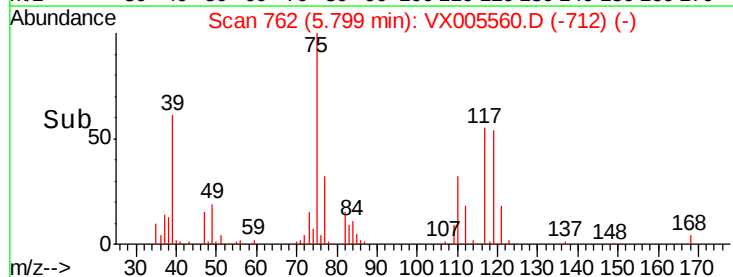
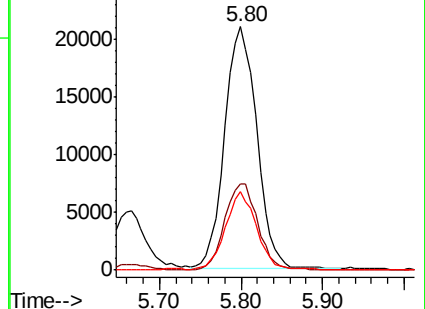
77 31.6 24.6 36.8

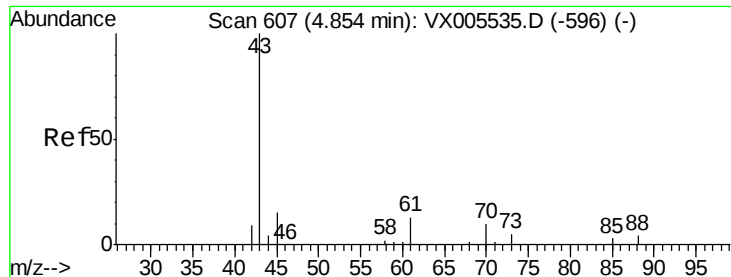


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 21.883 ug/l

RT: 4.85 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX005560.D

Acq: 25 Oct 2018 00:31

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBSD02

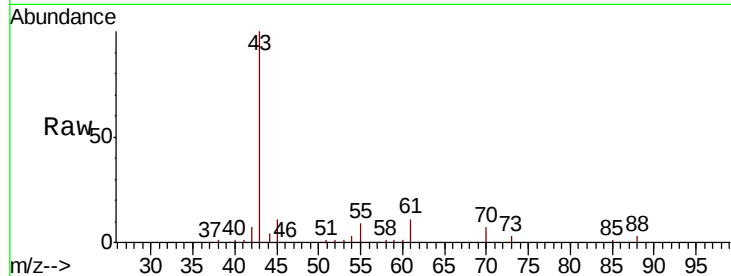
Tot Ion: 43 Resp: 83665

Ion Ratio Lower Upper

43 100

61 12.9 11.5 17.3

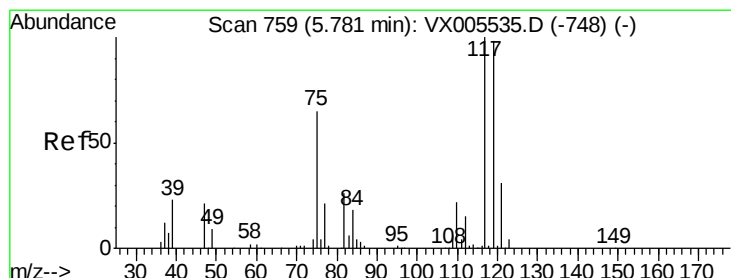
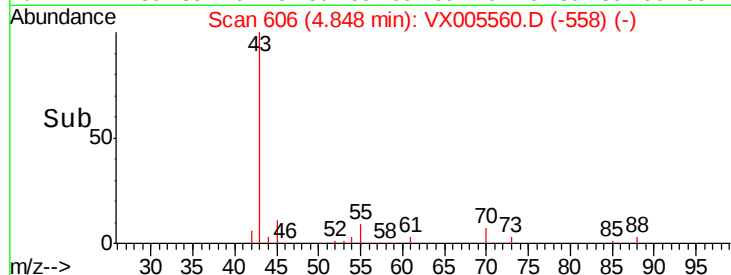
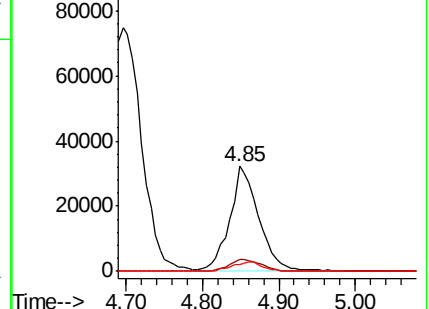
70 9.9 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX005535.D (-596) (-)

Ion 60.90 (60.60 to 61.60): VX005535.D (-596) (-)

Ion 70.00 (69.70 to 70.70): VX005535.D (-596) (-)



#38

Carbon Tetrachloride

Concen: 19.091 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX005560.D

Acq: 25 Oct 2018 00:31

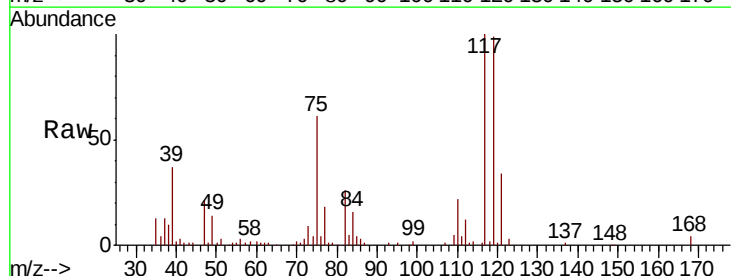
Tgt Ion: 117 Resp: 60244

Ion Ratio Lower Upper

117 100

119 99.0 78.8 118.2

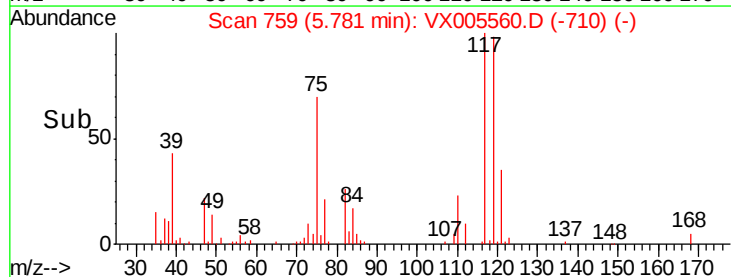
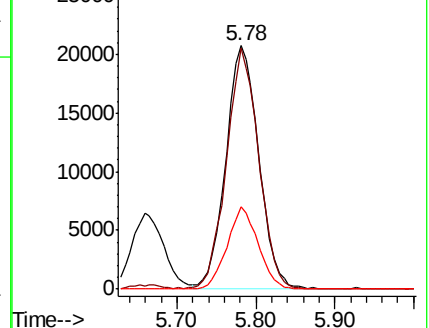
121 34.0 24.9 37.3

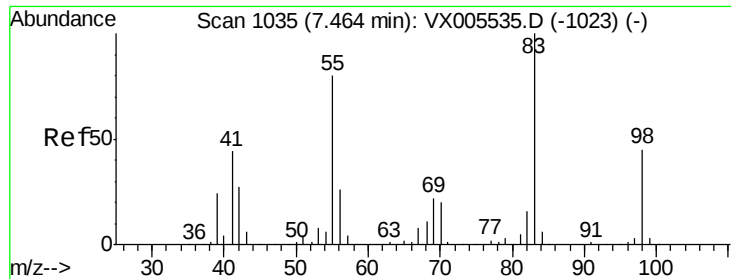


Abundance Ion 116.80 (116.50 to 117.50): VX005535.D (-748) (-)

Ion 118.80 (118.50 to 119.50): VX005535.D (-748) (-)

Ion 120.80 (120.50 to 121.50): VX005535.D (-748) (-)

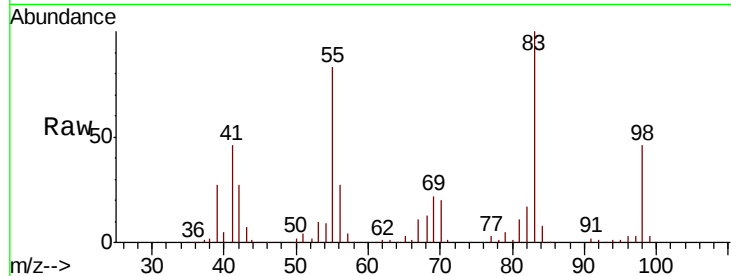




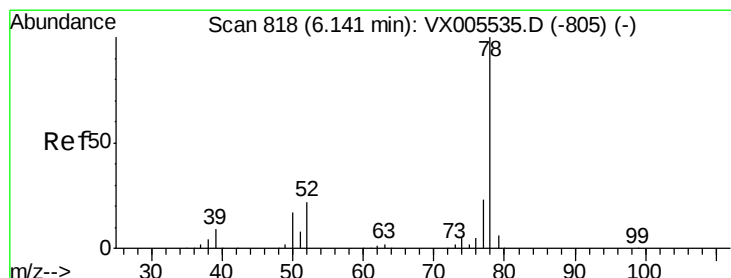
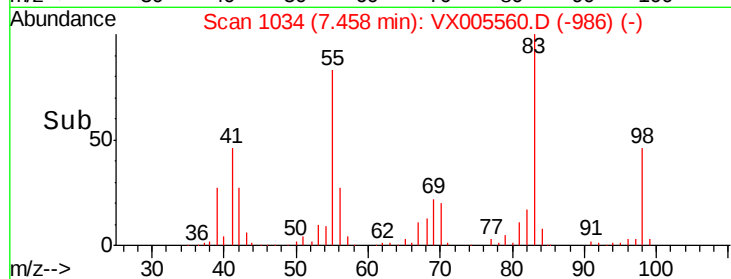
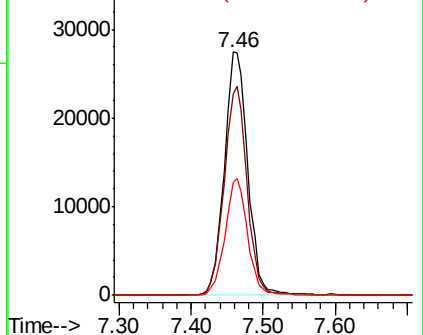
#39
Methvlcvclohexane
Concen: 18.841 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX005560.D
Acq: 25 Oct 2018 00:31

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD02

Tot Ion: 83 Resp: 62334
Ion Ratio Lower Upper
83 100
55 82.8 61.0 91.4
98 46.5 39.6 59.4

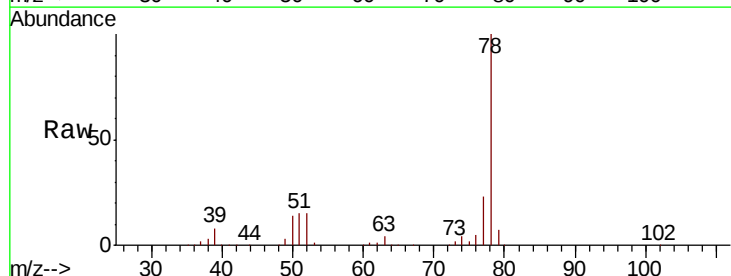


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

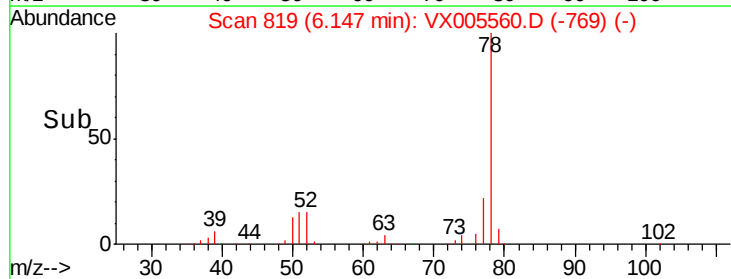
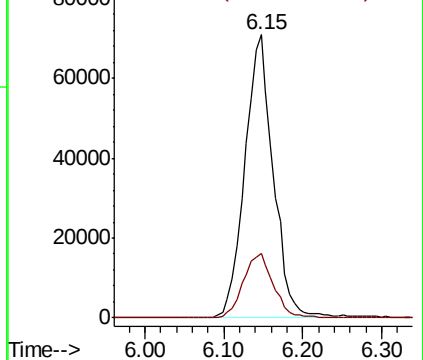


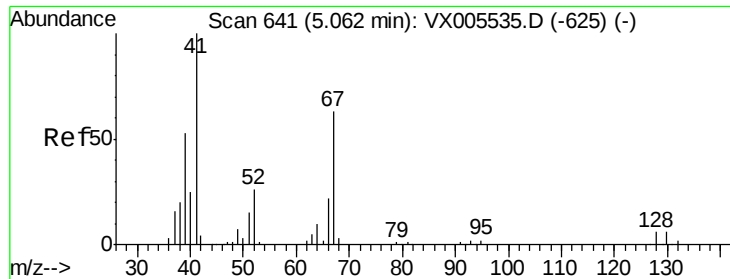
#40
Benzene
Concen: 20.674 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX005560.D
Acq: 25 Oct 2018 00:31

Tgt Ion: 78 Resp: 177565
Ion Ratio Lower Upper
78 100
77 22.6 19.0 28.4



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

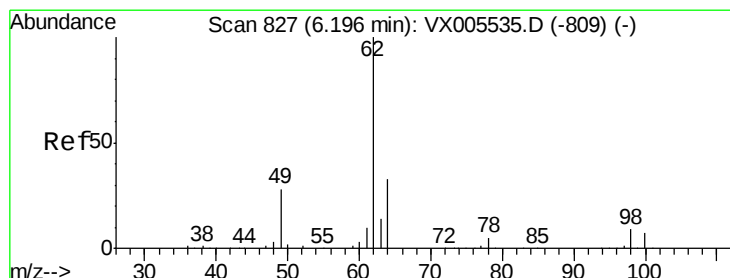
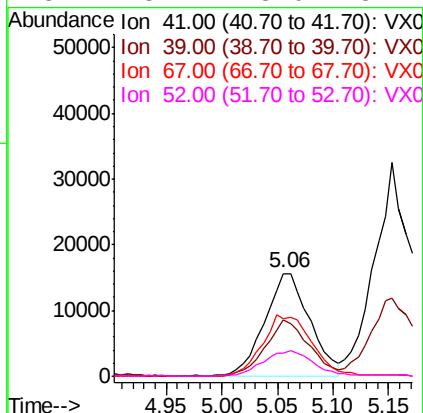
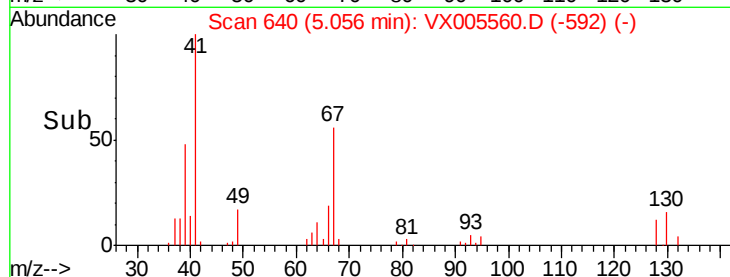
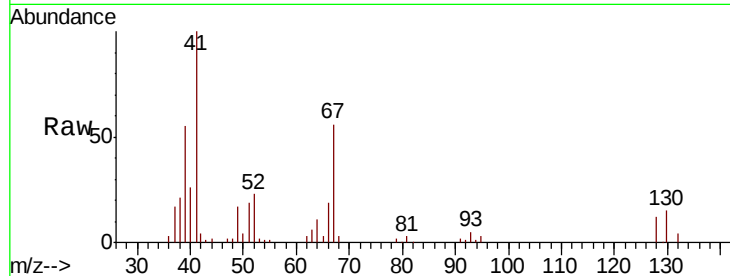




#41
Methacrylonitrile
Concen: 20.574 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX005560.D
Acq: 25 Oct 2018 00:31

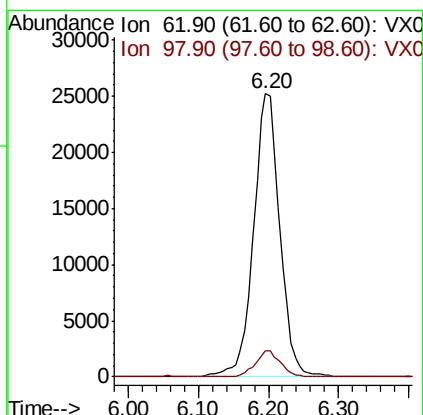
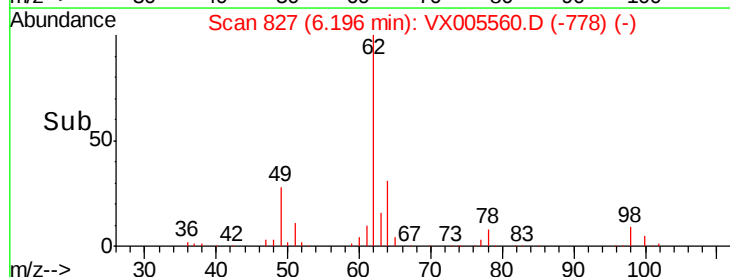
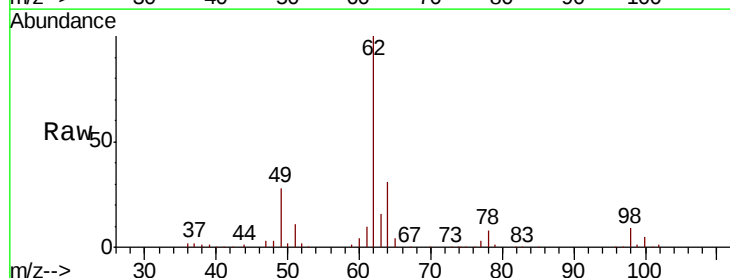
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD02

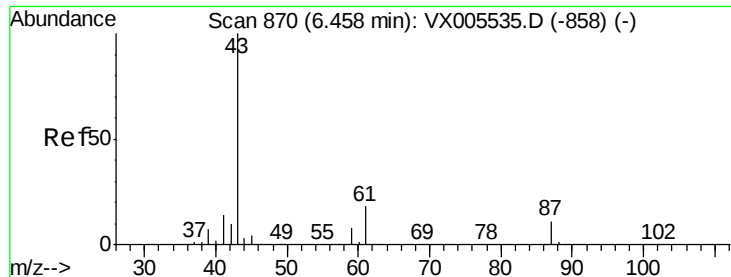
Tot Ion:	41	Resp:	43817
Ion	Ratio	Lower	Upper
41	100		
39	52.5	42.4	63.6
67	66.2	59.2	88.8
52	28.1	23.0	34.4



#42
1,2-Dichloroethane
Concen: 20.149 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005560.D
Acq: 25 Oct 2018 00:31

Tgt Ion:	62	Resp:	65740
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	20.6





#43

Isopropyl Acetate

Concen: 19.609 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX005560.D

Acq: 25 Oct 2018 00:31

Instrument :

MSVOA_X

ClientSampled :

VX1024WBSD02

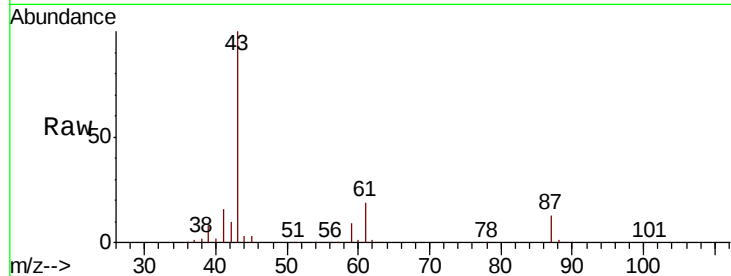
Tot Ion: 43 Resp: 112347

Ion Ratio Lower Upper

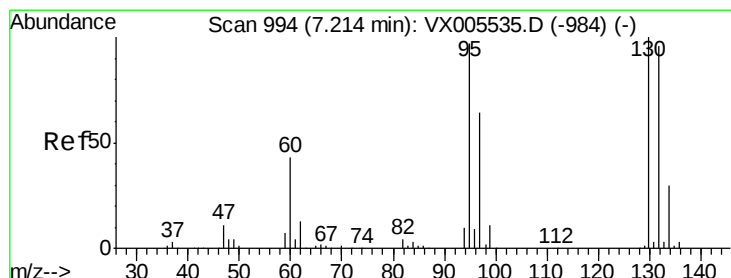
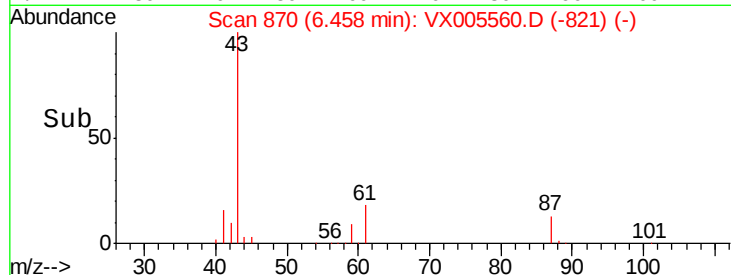
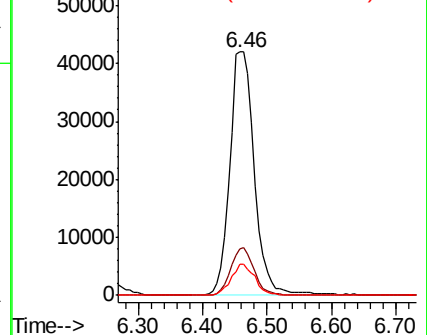
43 100

61 18.8 17.0 25.4

87 12.3 11.4 17.2



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: 20.259 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX005560.D

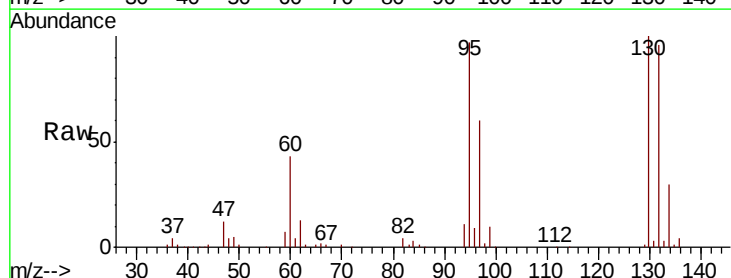
Acq: 25 Oct 2018 00:31

Tgt Ion:130 Resp: 47403

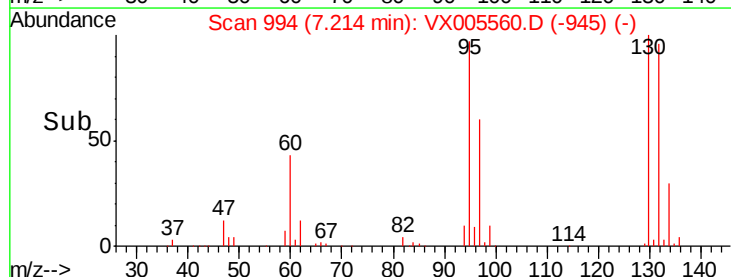
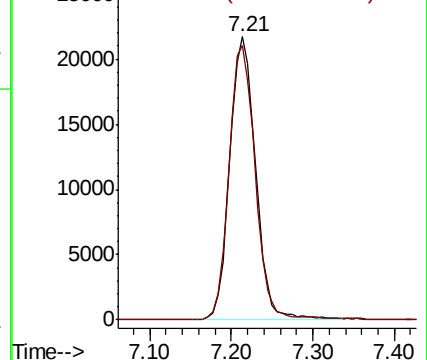
Ion Ratio Lower Upper

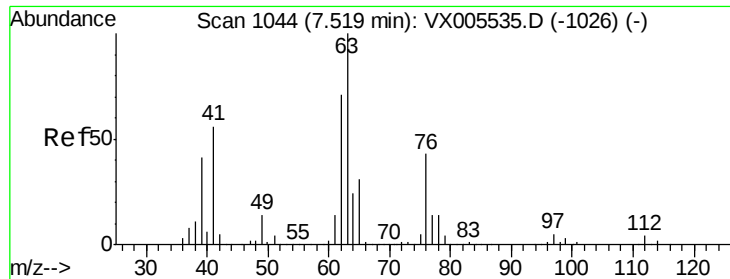
130 100

95 97.1 0.0 181.6



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

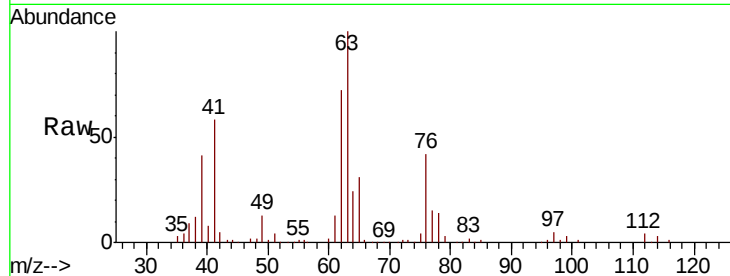




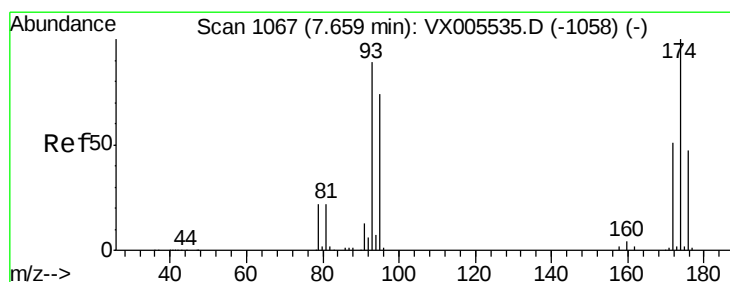
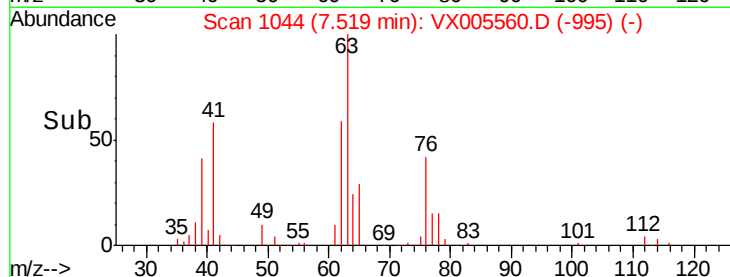
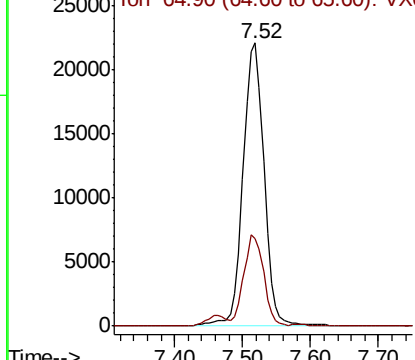
#45
 1,2-Dichloropropane
 Concen: 20.636 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005560.D
 Acq: 25 Oct 2018 00:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBSD02

Tot Ion: 63 Resp: 47650
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.3 36.5

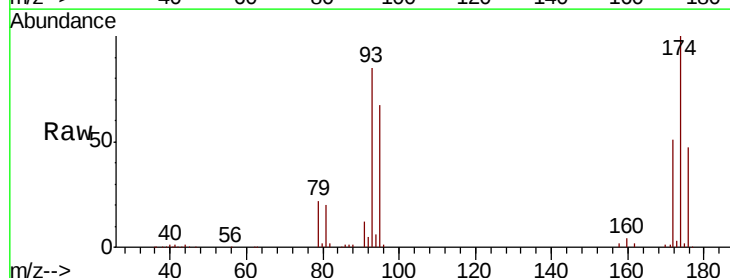


Abundance Ion 62.90 (62.60 to 63.60): VX0
 Ion 64.90 (64.60 to 65.60): VX0

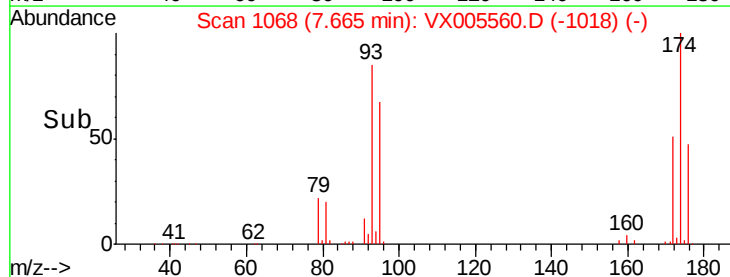
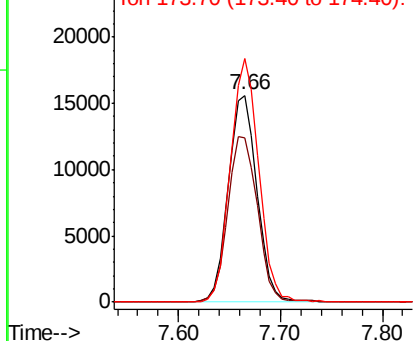


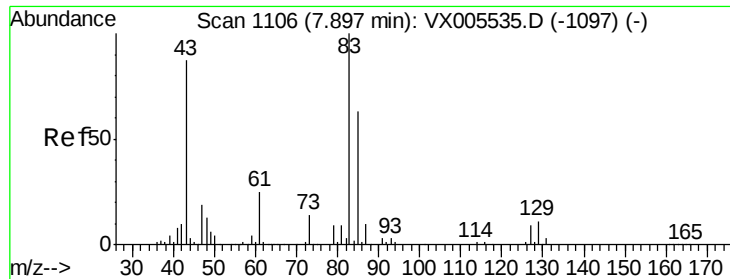
#46
 Dibromomethane
 Concen: 20.356 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX005560.D
 Acq: 25 Oct 2018 00:31

Tgt Ion: 93 Resp: 30358
 Ion Ratio Lower Upper
 93 100
 95 82.8 65.5 98.3
 174 115.6 94.2 141.4



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: 20.317 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005560.D

Acq: 25 Oct 2018 00:31

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBSD02

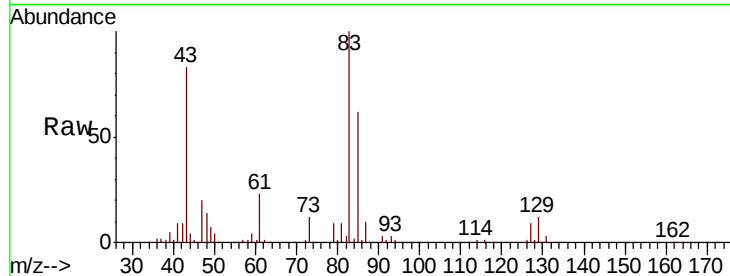
Tot Ion: 83 Resp: 58809

Ion Ratio Lower Upper

83 100

85 62.4 50.9 76.3

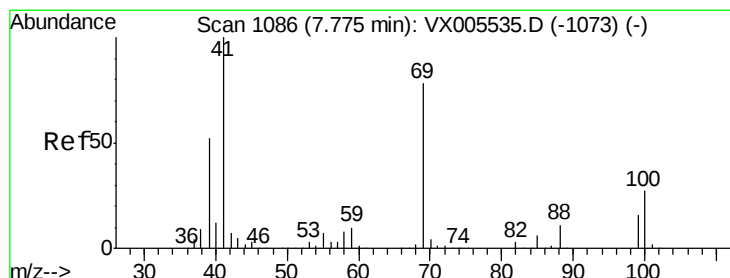
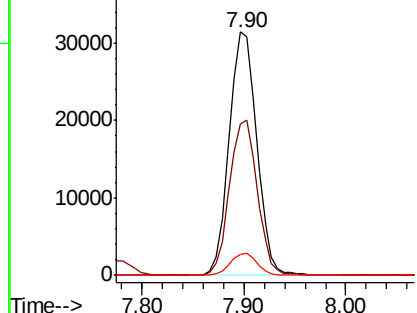
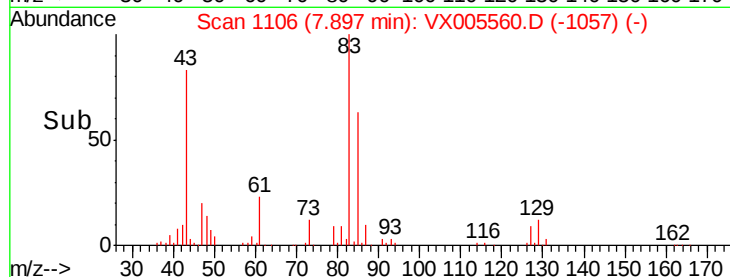
127 8.8 7.3 10.9



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: 20.903 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX005560.D

Acq: 25 Oct 2018 00:31

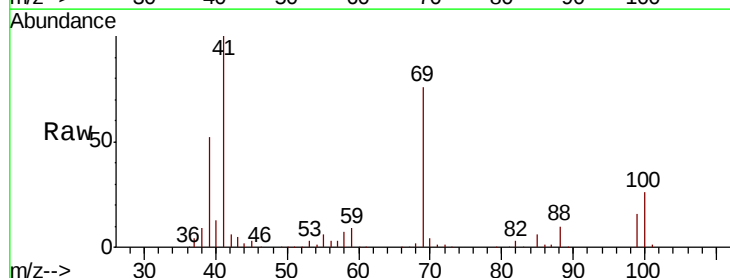
Tgt Ion: 41 Resp: 58341

Ion Ratio Lower Upper

41 100

69 78.6 70.2 105.4

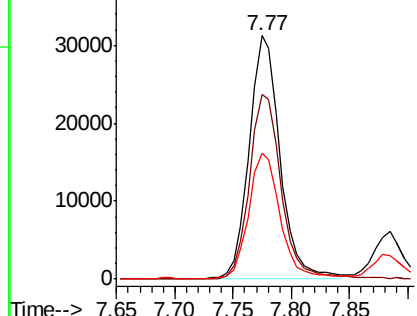
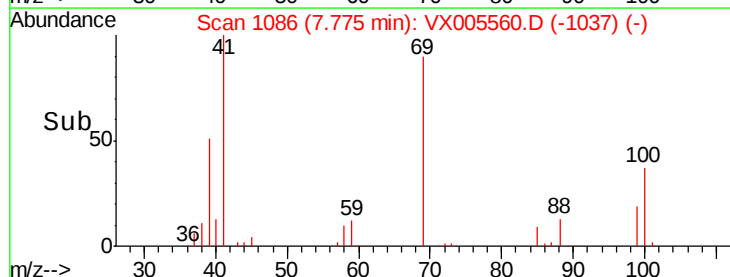
39 53.0 42.7 64.1

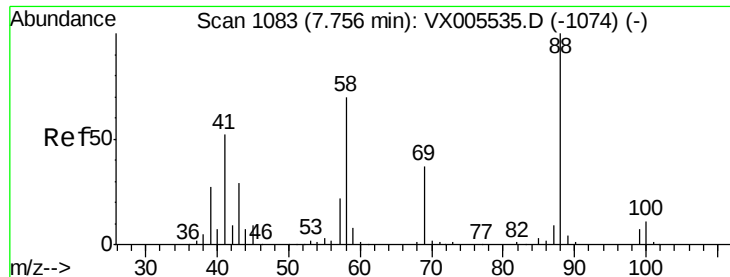


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

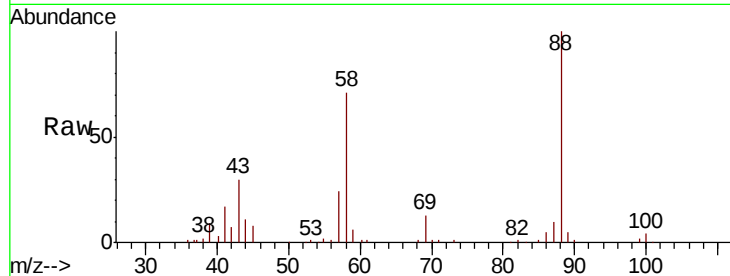




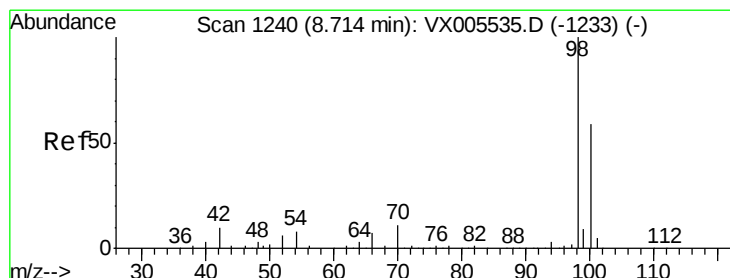
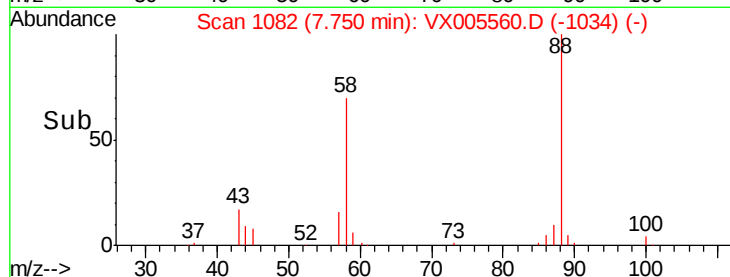
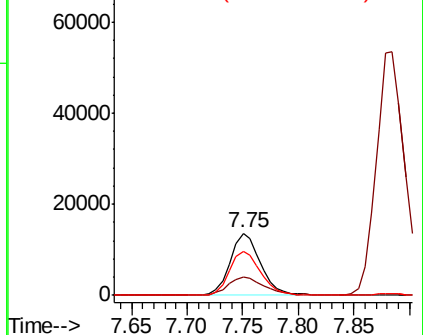
#49
1,4-Dioxane
Concen: 423.412 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005560.D
Acq: 25 Oct 2018 00:31

Instrument :
MSVOA_X
ClientSampled :
VX1024WBSD02

Tot Ion: 88 Resp: 25826
Ion Ratio Lower Upper
88 100
43 34.8 24.7 37.1
58 74.0 55.3 82.9

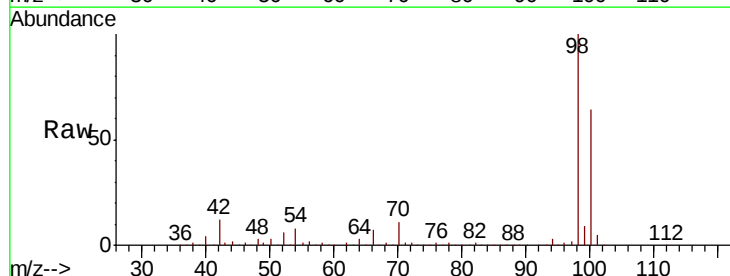


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

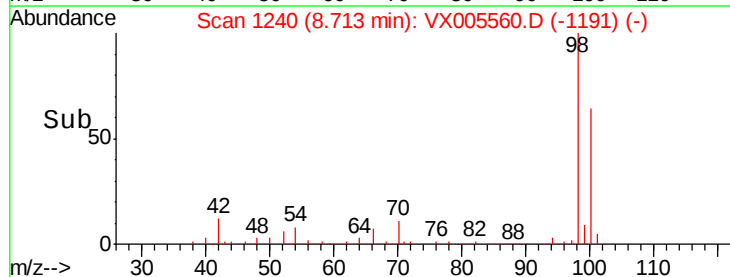
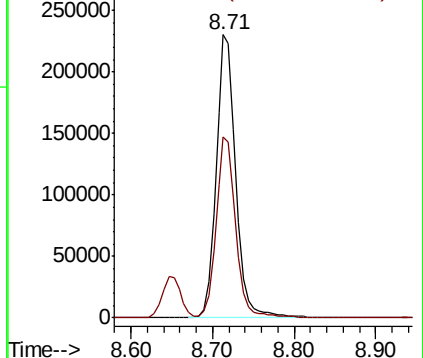


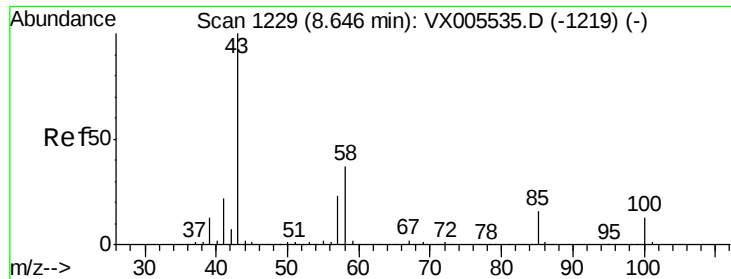
#50
Toluene-d8
Concen: 51.395 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005560.D
Acq: 25 Oct 2018 00:31

Tgt Ion: 98 Resp: 386058
Ion Ratio Lower Upper
98 100
100 64.1 52.9 79.3



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: 104.645 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX005560.D

Acq: 25 Oct 2018 00:31

Instrument :

MSVOA_X

ClientSampleId :

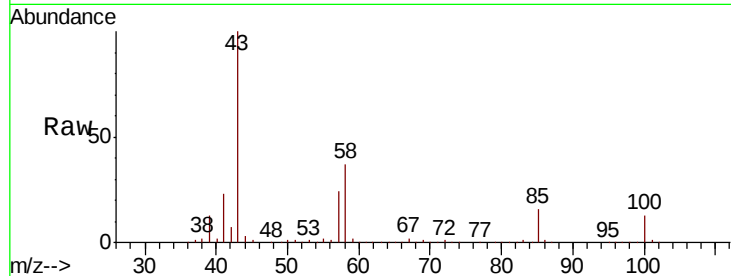
VX1024WBSD02

Tot Ion: 43 Resp: 402930

Ion Ratio Lower Upper

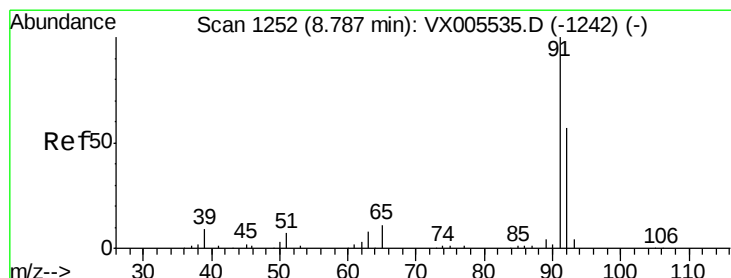
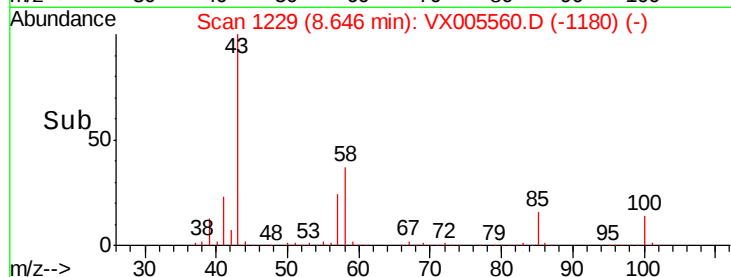
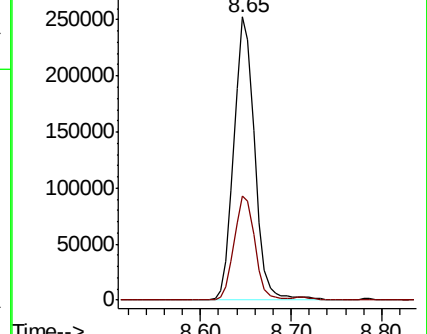
43 100

58 36.7 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.934 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005560.D

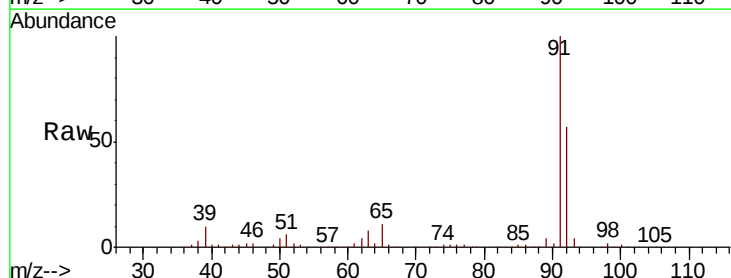
Acq: 25 Oct 2018 00:31

Tgt Ion: 92 Resp: 109271

Ion Ratio Lower Upper

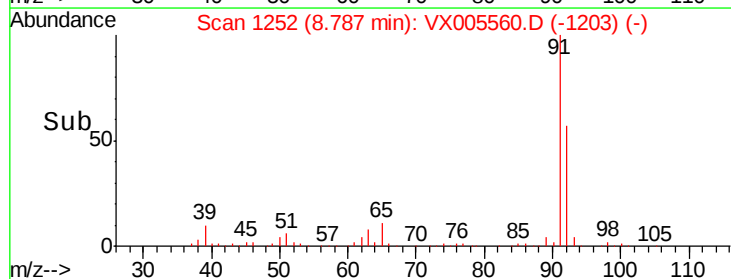
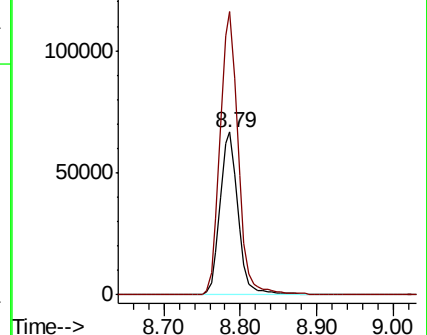
92 100

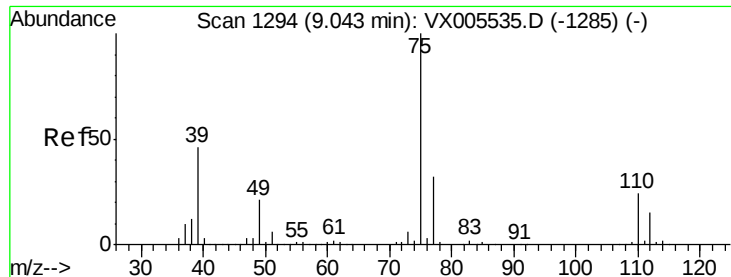
91 175.2 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

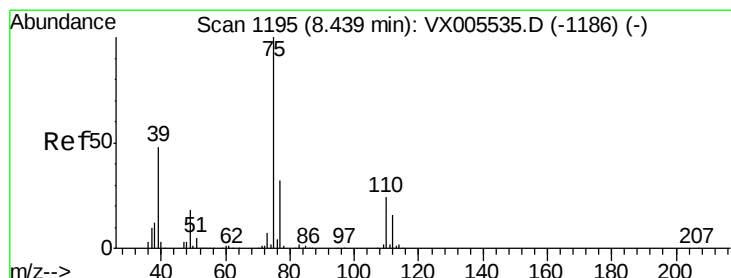
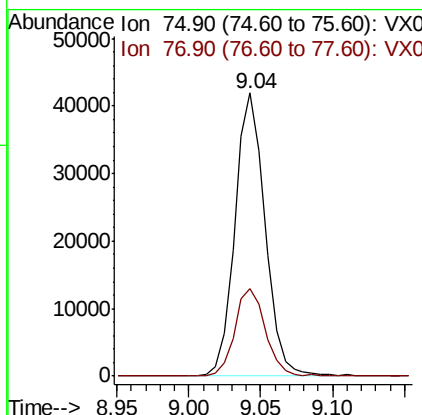
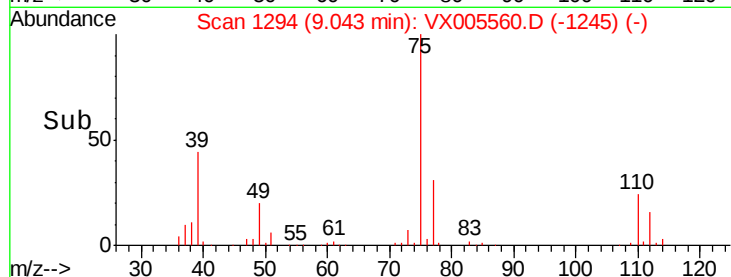
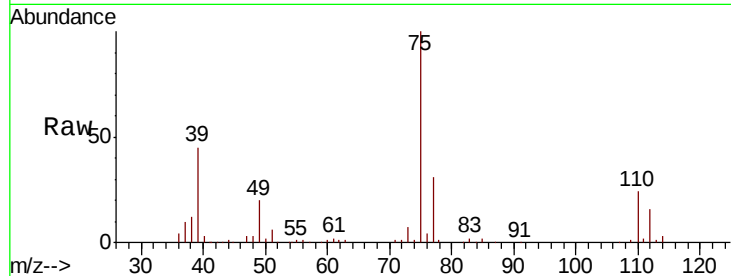




#53
 t-1,3-Dichloropropene
 Concen: 19.497 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX005560.D
 Acq: 25 Oct 2018 00:31

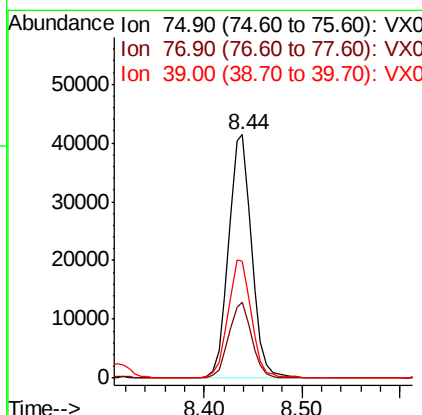
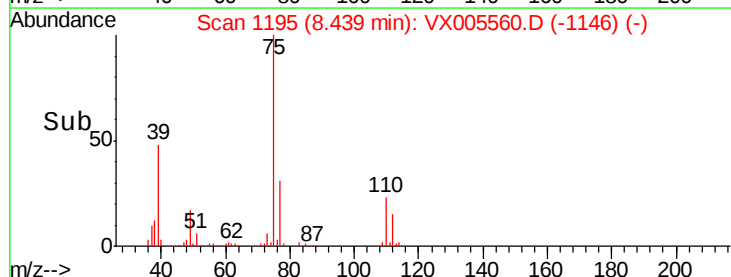
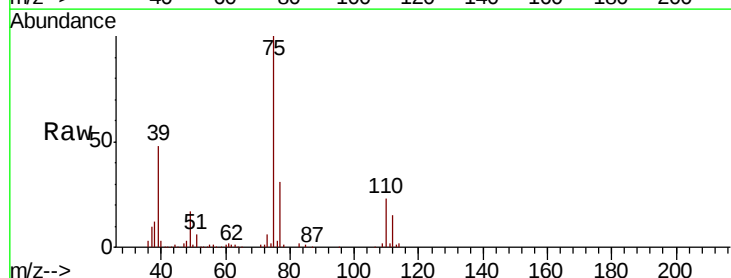
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBSD02

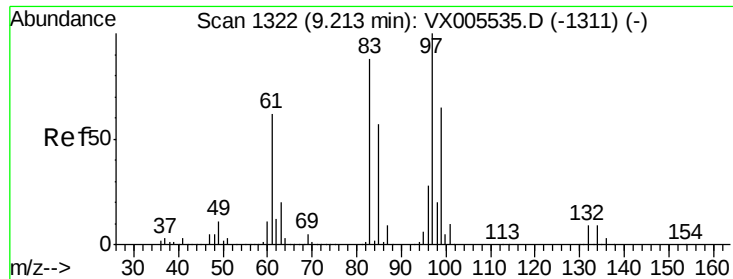
Tot Ion: 75 Resp: 60993
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.137 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: VX005560.D
 Acq: 25 Oct 2018 00:31

Tgt Ion: 75 Resp: 67824
 Ion Ratio Lower Upper
 75 100
 77 31.2 26.2 39.2
 39 48.1 36.4 54.6

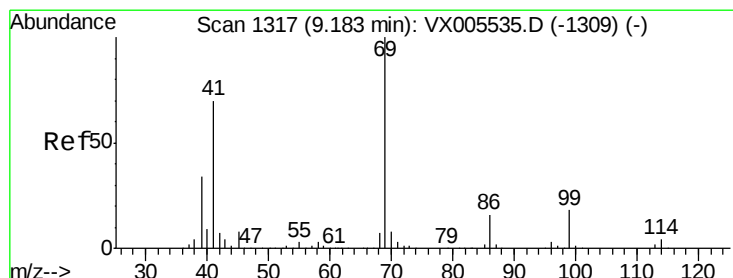
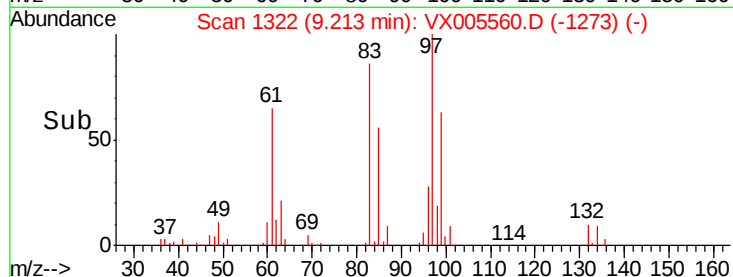
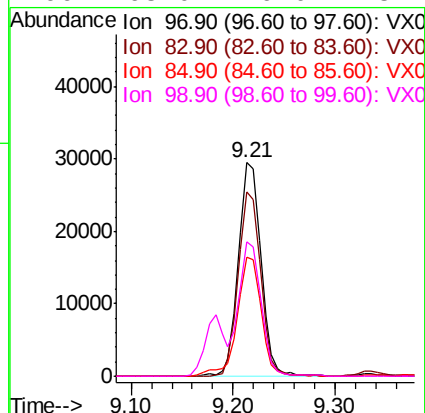
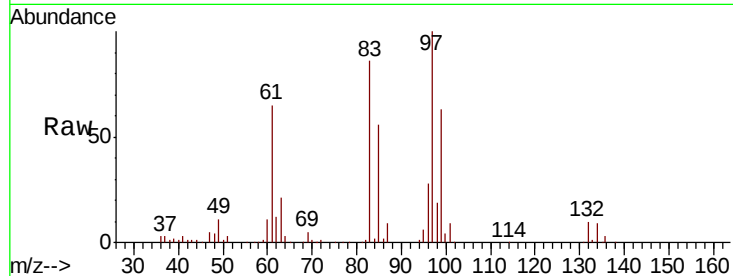




#55
 1,1,2-Trichloroethane
 Concen: 20.490 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX005560.D
 Acq: 25 Oct 2018 00:31

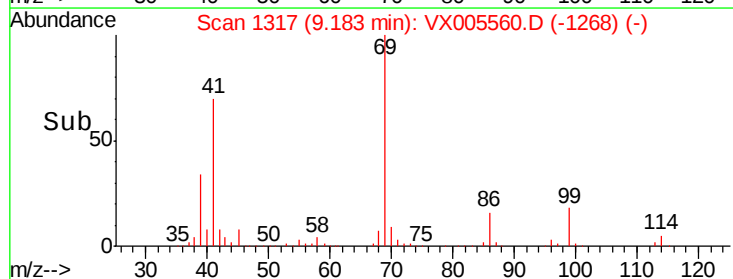
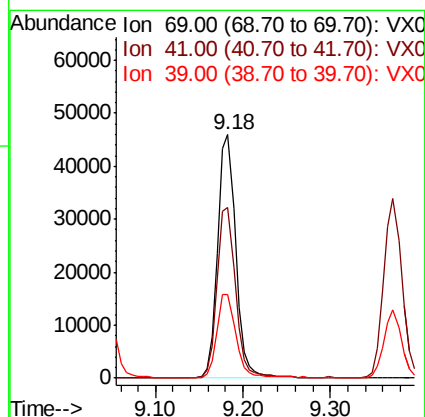
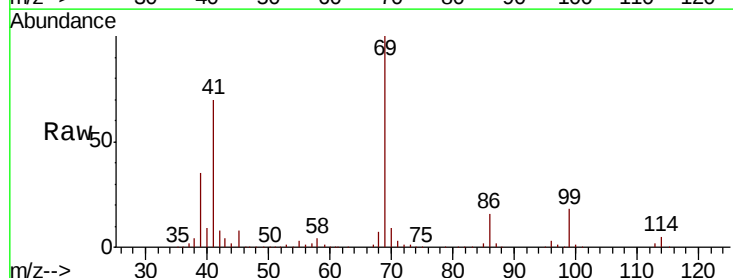
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBSD02

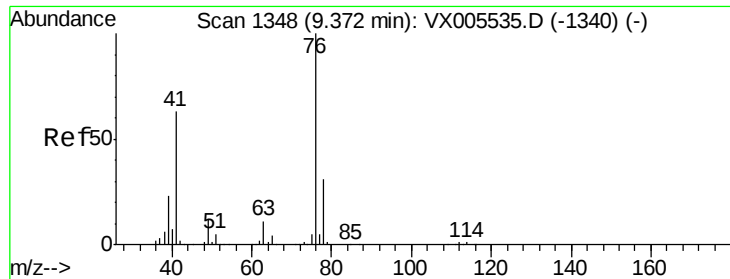
Tot Ion:	97	Resp:	45092
Ion	Ratio	Lower	Upper
97	100		
83	86.2	66.4	99.6
85	55.8	43.3	64.9
99	63.0	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 20.178 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005560.D
 Acq: 25 Oct 2018 00:31

Tgt Ion:	69	Resp:	66234
Ion	Ratio	Lower	Upper
69	100		
41	71.4	51.0	76.4
39	35.6	26.1	39.1





#57

1,3-Dichloropropane

Concen: 20.443 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005560.D

Acq: 25 Oct 2018 00:31

Instrument :

MSVOA_X

ClientSampleId :

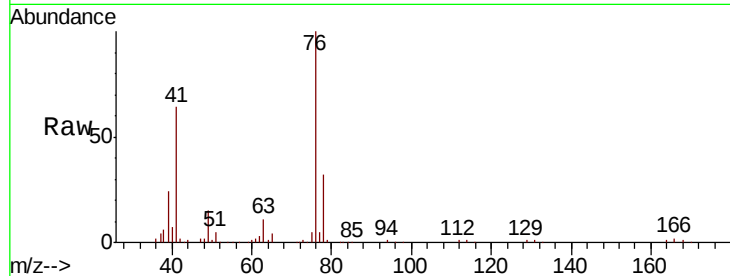
VX1024WBSD02

Tot Ion: 76 Resp: 76122

Ion Ratio Lower Upper

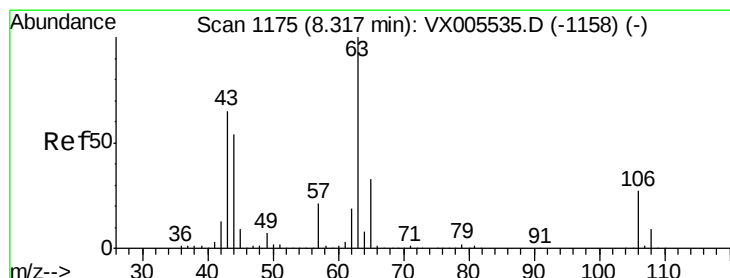
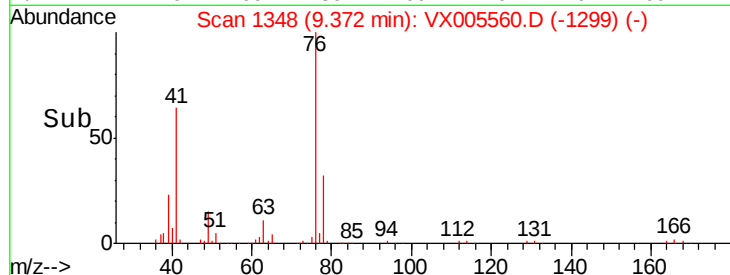
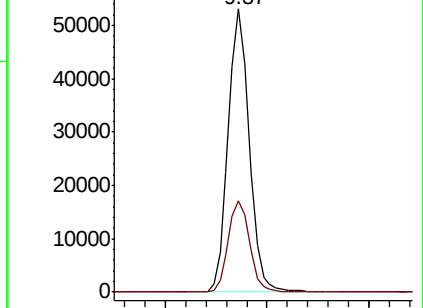
76 100

78 32.9 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 101.084 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX005560.D

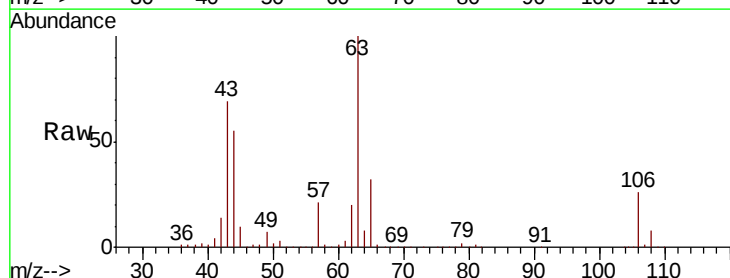
Acq: 25 Oct 2018 00:31

Tgt Ion: 63 Resp: 185321

Ion Ratio Lower Upper

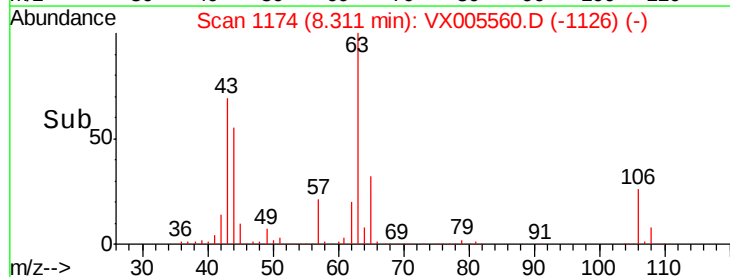
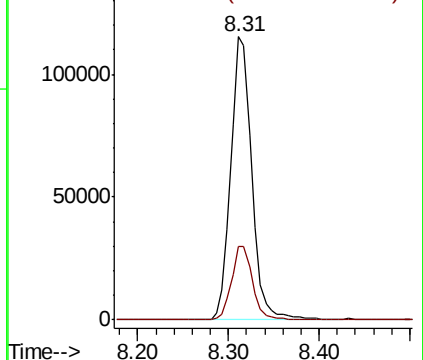
63 100

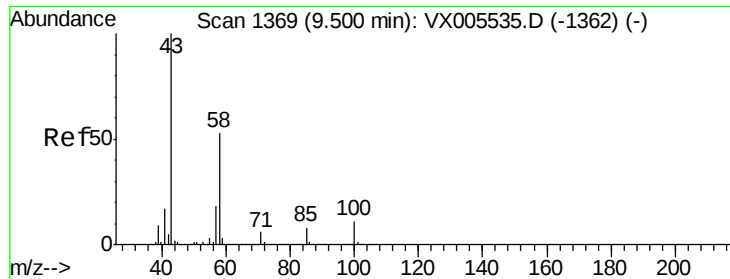
106 26.3 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

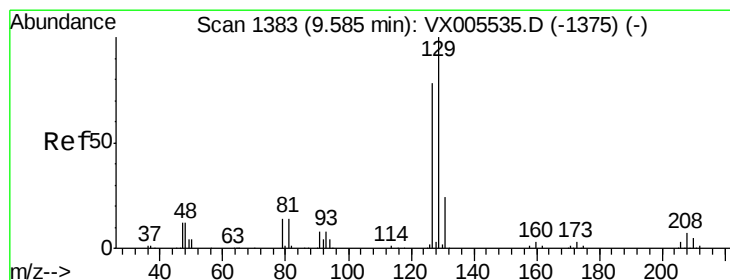
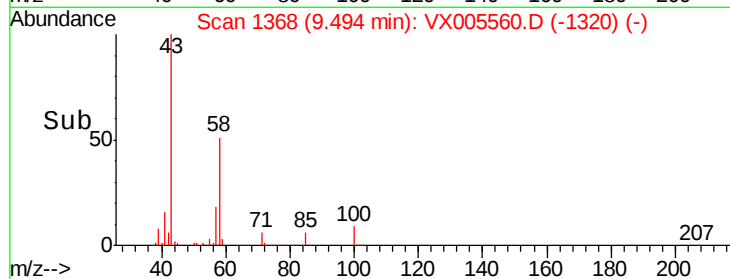
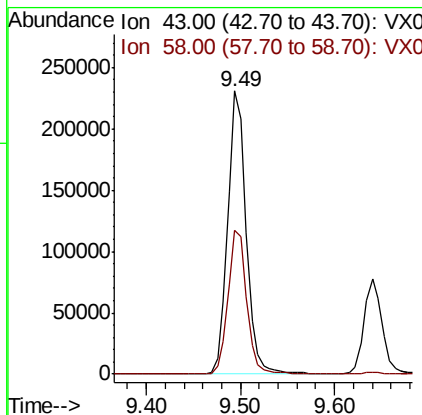
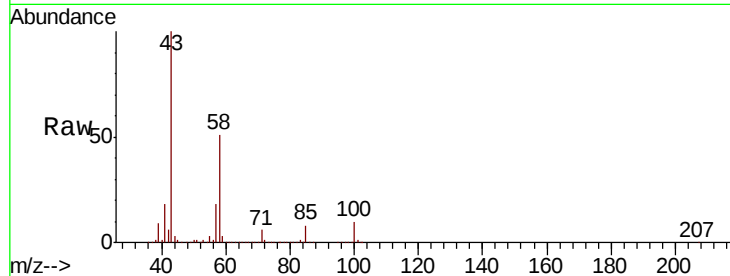




#59
2-Hexanone
Concen: 103.837 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005560.D
Acq: 25 Oct 2018 00:31

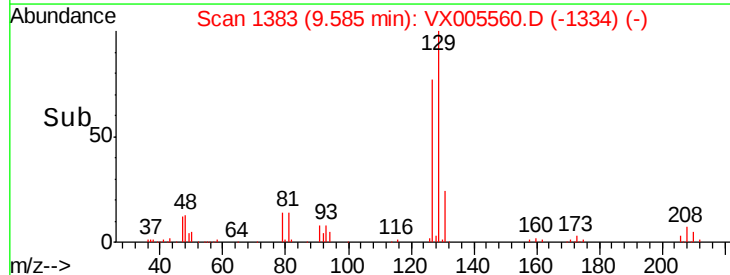
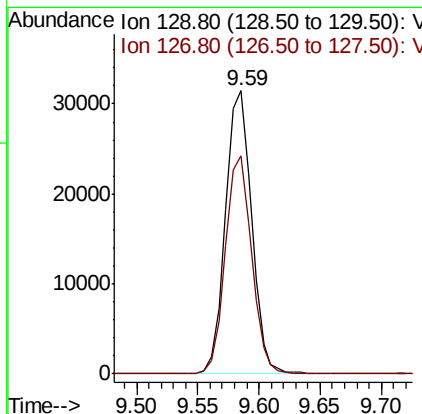
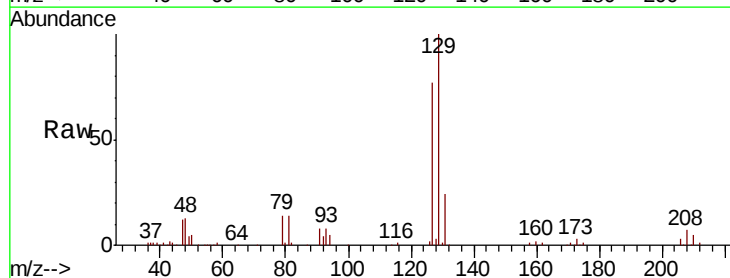
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD02

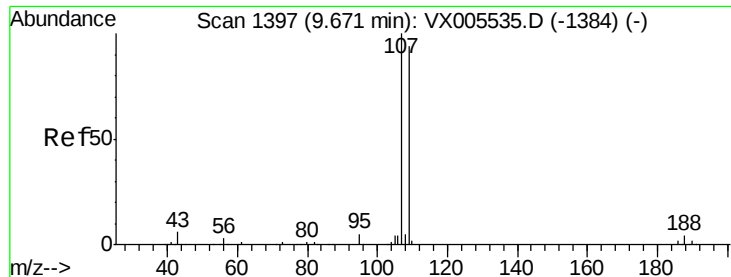
Tot Ion: 43 Resp: 315237
Ion Ratio Lower Upper
43 100
58 51.7 29.0 87.0



#60
Dibromochloromethane
Concen: 20.262 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005560.D
Acq: 25 Oct 2018 00:31

Tgt Ion:129 Resp: 46523
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.801 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005560.D

Acq: 25 Oct 2018 00:31

Instrument :

MSVOA_X

ClientSampleId :

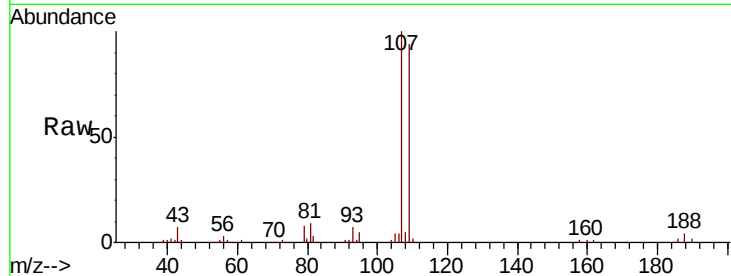
VX1024WBSD02

Tot Ion:107 Resp: 47359

Ion Ratio Lower Upper

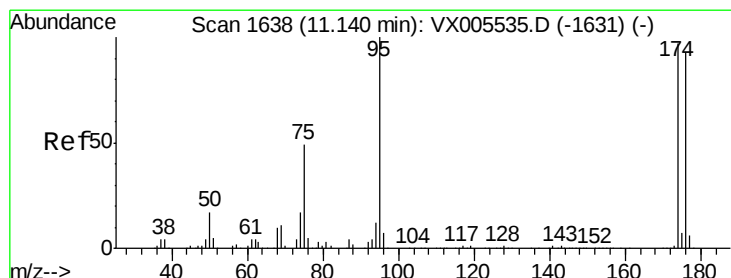
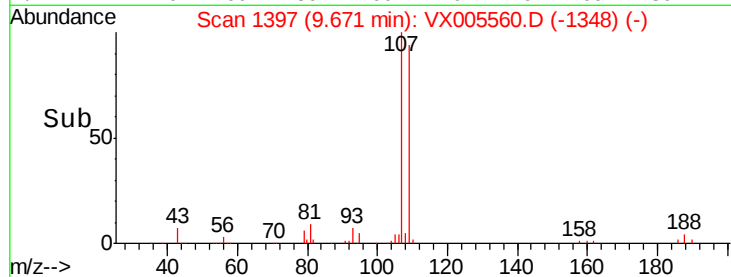
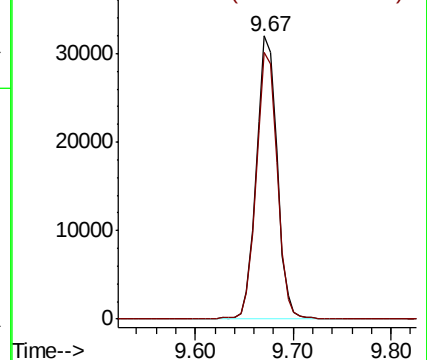
107 100

109 95.4 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.363 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005560.D

Acq: 25 Oct 2018 00:31

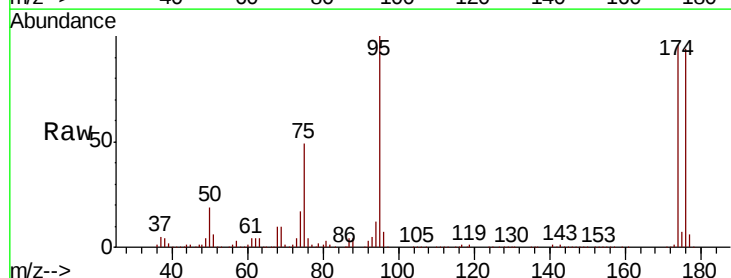
Tgt Ion: 95 Resp: 140030

Ion Ratio Lower Upper

95 100

174 93.0 0.0 185.2

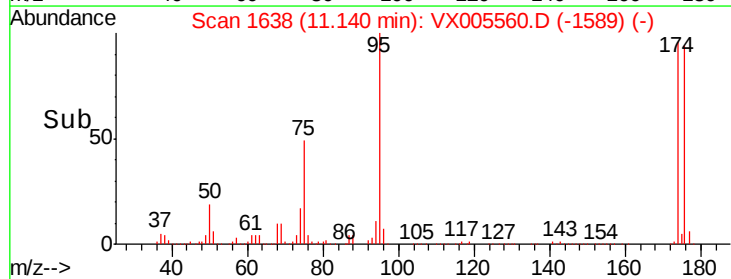
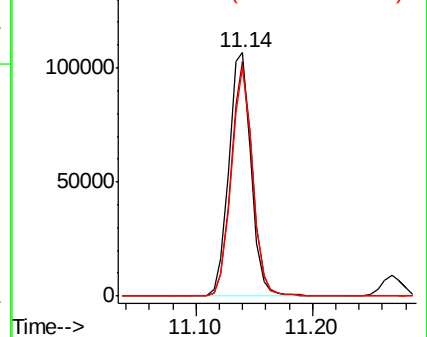
176 90.6 0.0 178.6

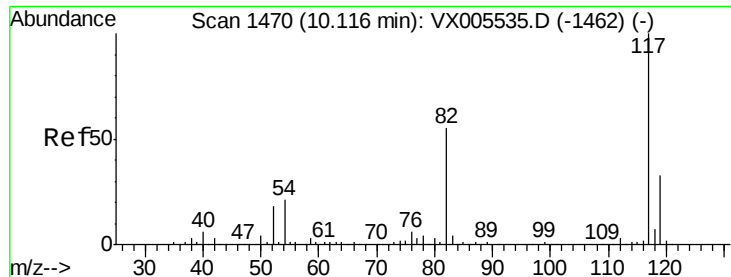


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

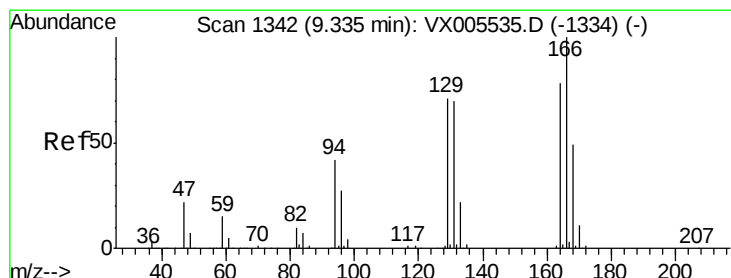
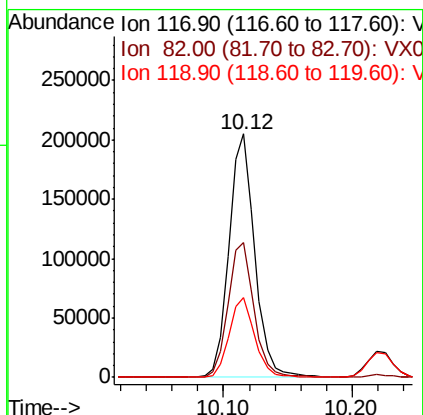
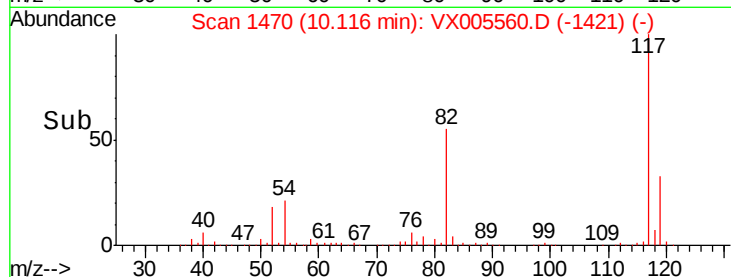
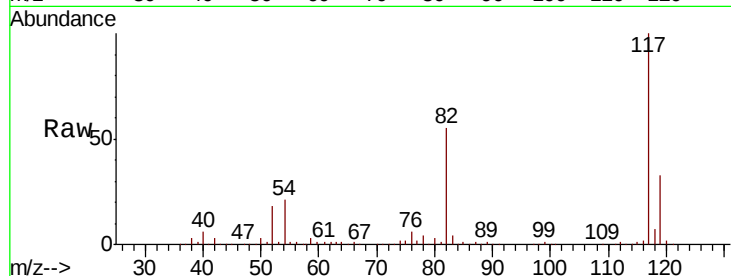




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005560.D
Acq: 25 Oct 2018 00:31

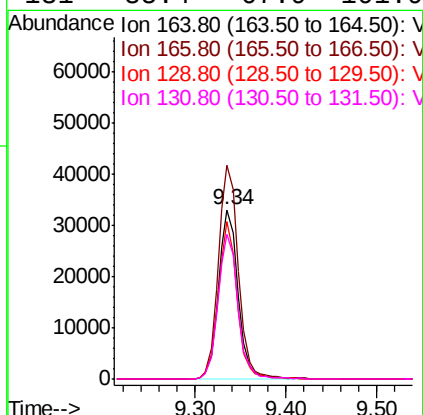
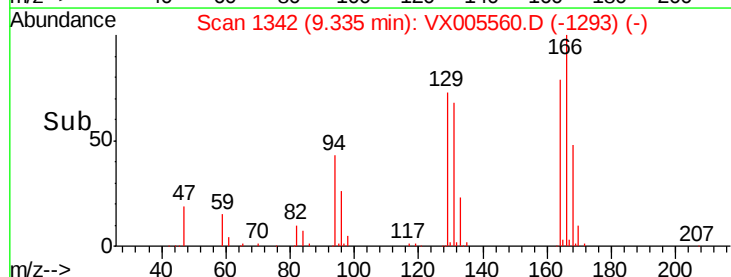
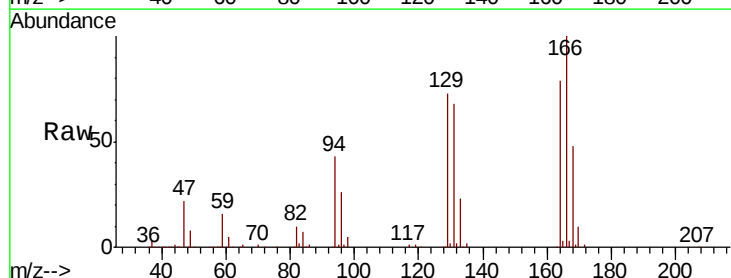
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD02

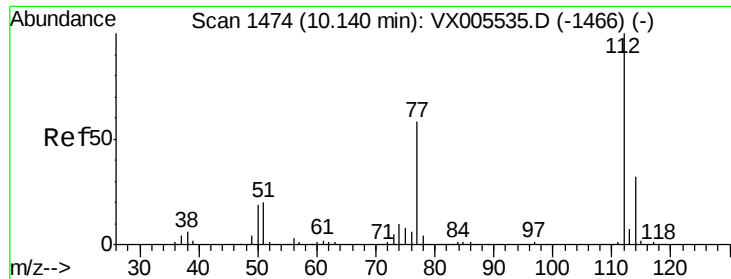
Tot Ion:117 Resp: 286850
Ion Ratio Lower Upper
117 100
82 55.3 47.8 71.6
119 33.0 29.3 43.9



#64
Tetrachloroethene
Concen: 20.959 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005560.D
Acq: 25 Oct 2018 00:31

Tgt Ion:164 Resp: 49909
Ion Ratio Lower Upper
164 100
166 126.2 102.8 154.2
129 92.7 69.4 104.0
131 85.4 67.9 101.9

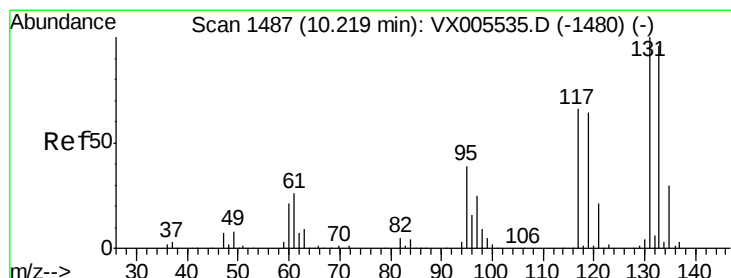
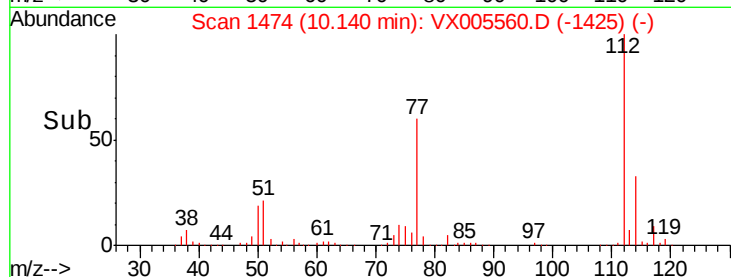
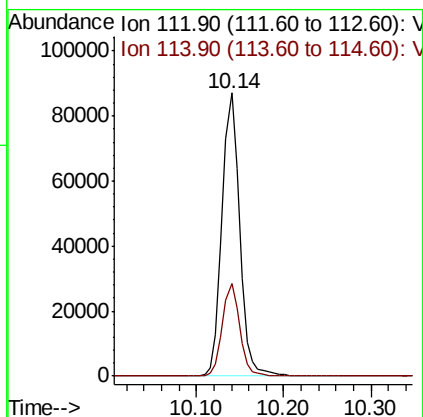
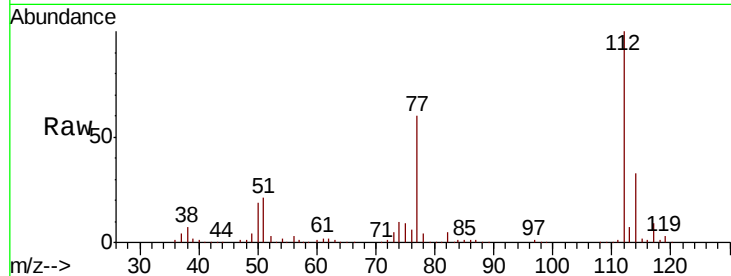




#65
Chlorobenzene
Concen: 19.971 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005560.D
Acq: 25 Oct 2018 00:31

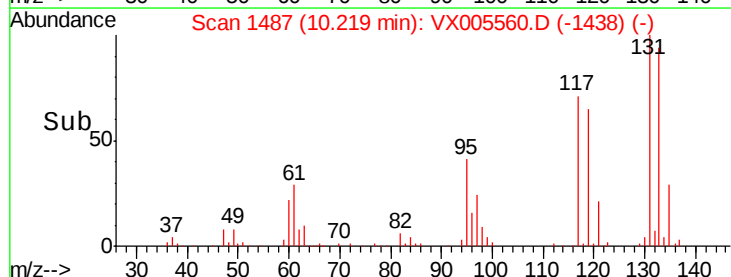
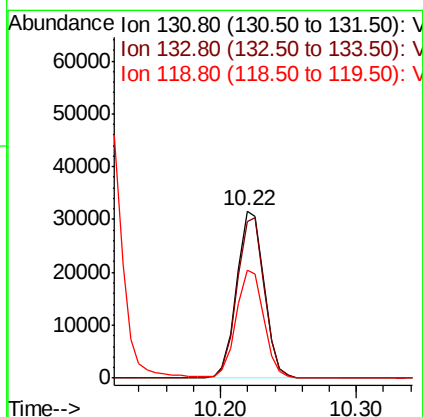
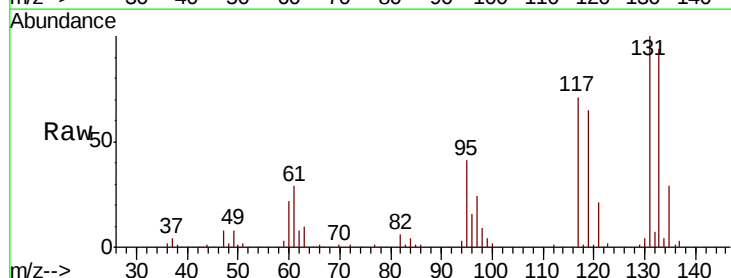
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD02

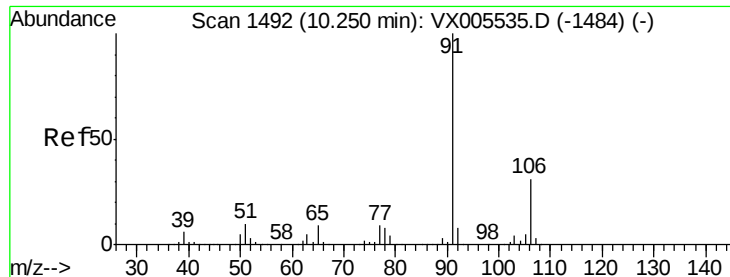
Tot Ion:112 Resp: 121990
Ion Ratio Lower Upper
112 100
114 32.9 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.978 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX005560.D
Acq: 25 Oct 2018 00:31

Tgt Ion:131 Resp: 44497
Ion Ratio Lower Upper
131 100
133 95.6 48.1 144.4
119 65.0 32.9 98.6

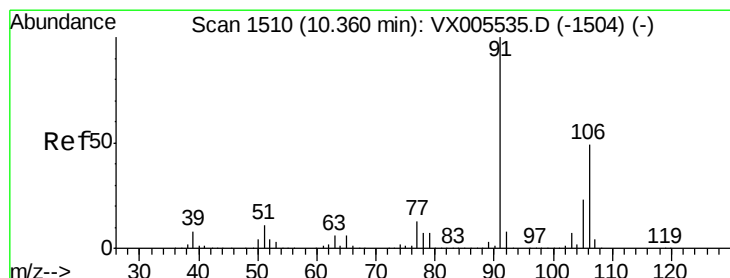
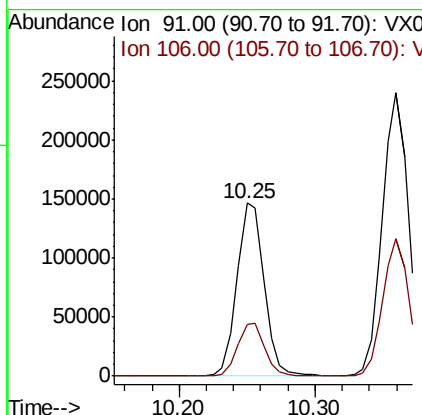
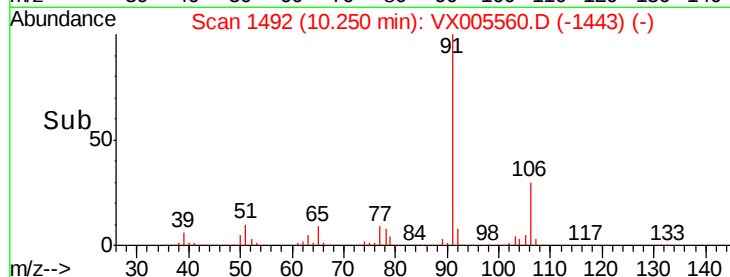
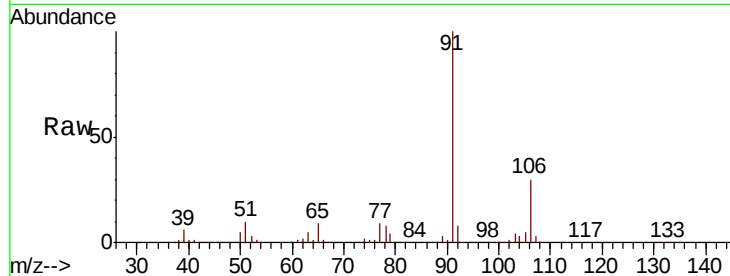




#67
Ethyl Benzene
Concen: 20.429 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX005560.D
Acq: 25 Oct 2018 00:31

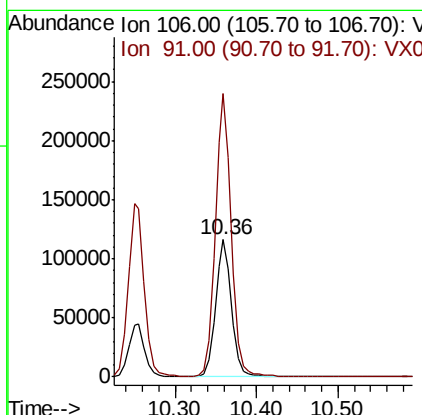
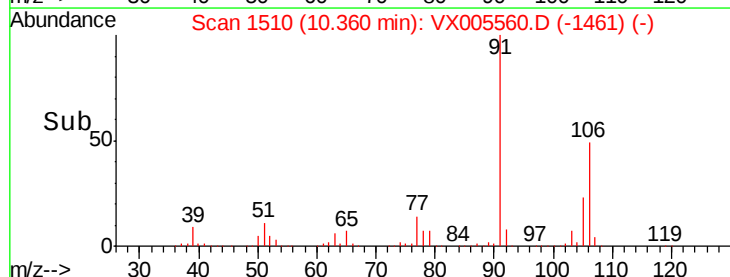
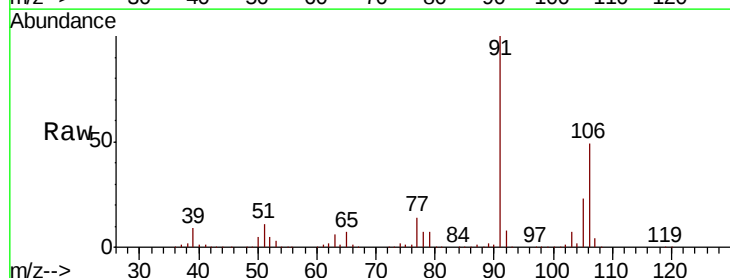
Instrument :
MSVOA_X
ClientSampleID :
VX1024WBSD02

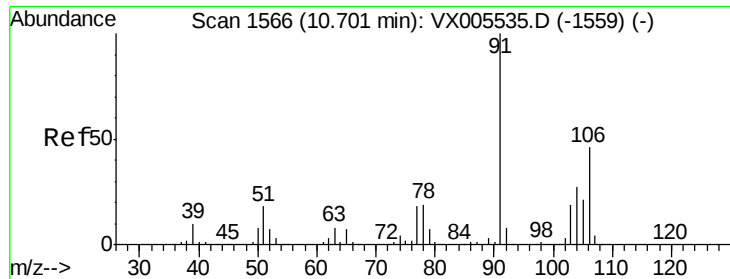
Tot Ion: 91 Resp: 205305
Ion Ratio Lower Upper
91 100
106 30.1 25.9 38.9



#68
m/p-Xylenes
Concen: 41.049 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005560.D
Acq: 25 Oct 2018 00:31

Tgt Ion: 106 Resp: 160052
Ion Ratio Lower Upper
106 100
91 205.9 157.1 235.7

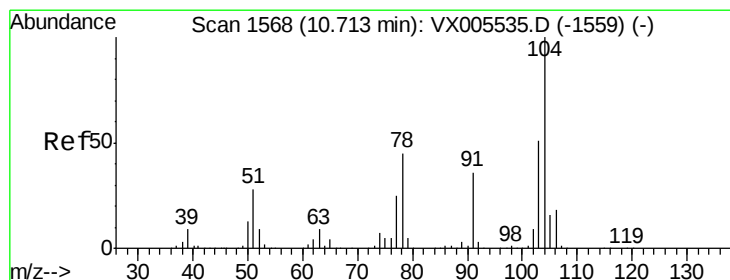
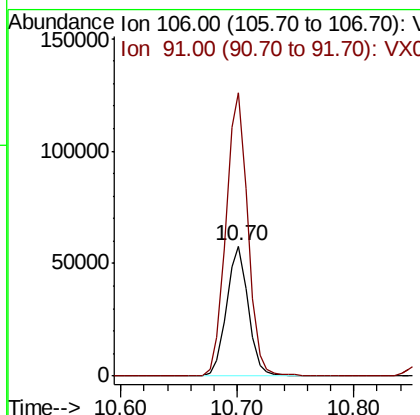
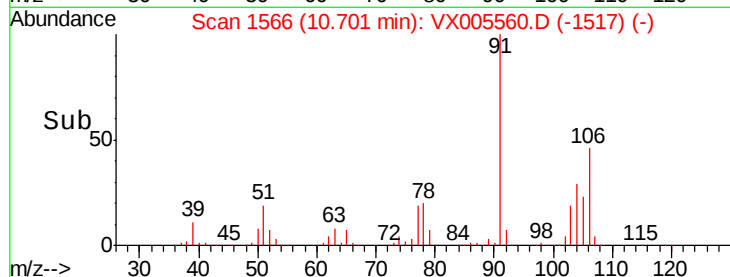
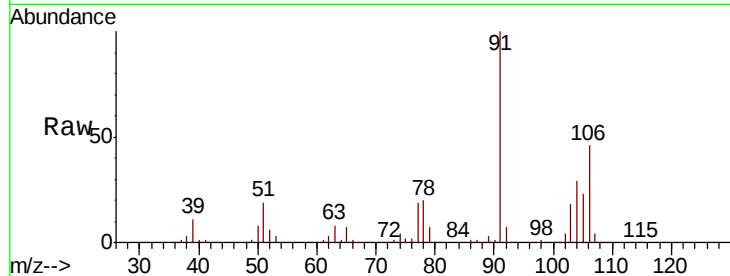




#69
o-Xylene
Concen: 20.455 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005560.D
Acq: 25 Oct 2018 00:31

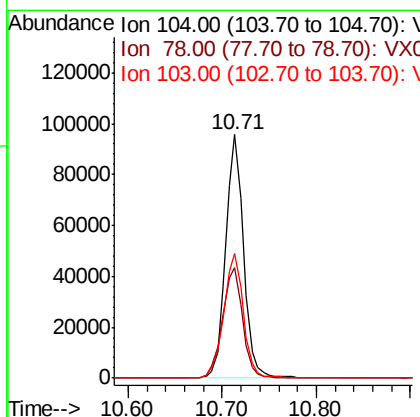
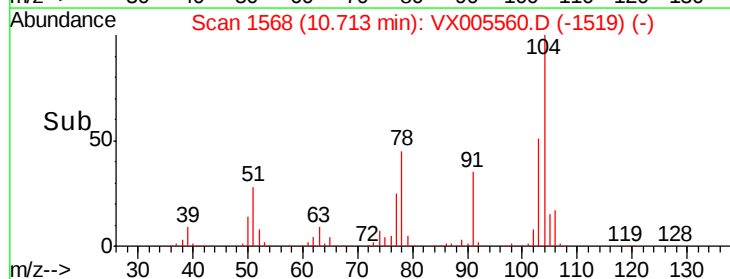
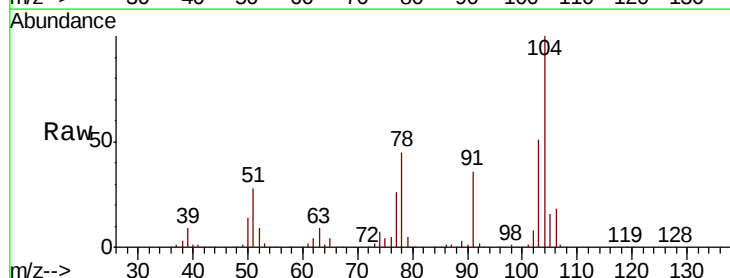
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD02

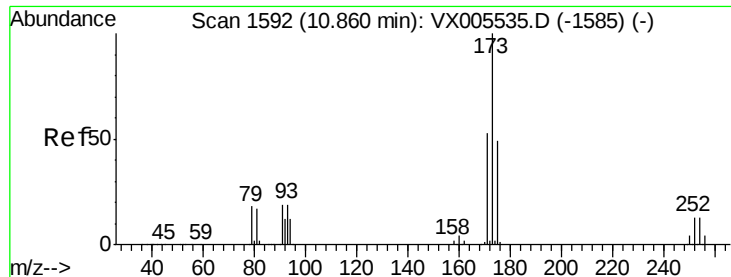
Tot Ion:106 Resp: 75034
Ion Ratio Lower Upper
106 100
91 219.6 105.1 315.1



#70
Styrene
Concen: 20.623 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005560.D
Acq: 25 Oct 2018 00:31

Tgt Ion:104 Resp: 126642
Ion Ratio Lower Upper
104 100
78 51.2 37.4 56.0
103 55.9 43.8 65.6





#71

Bromoform

Concen: 19.238 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005560.D

Acq: 25 Oct 2018 00:31

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBSD02

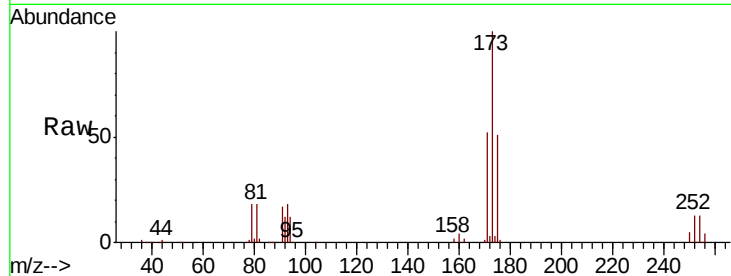
Tot Ion:173 Resp: 38235

Ion Ratio Lower Upper

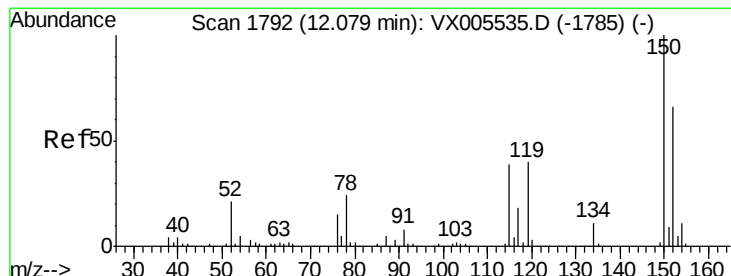
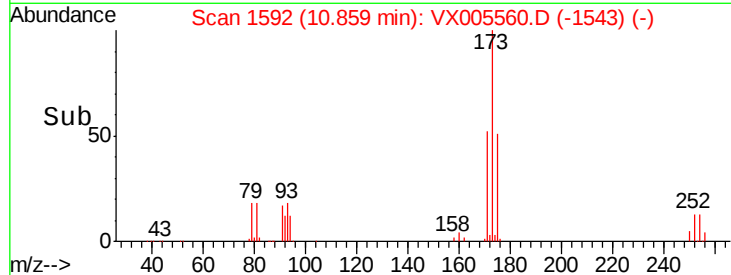
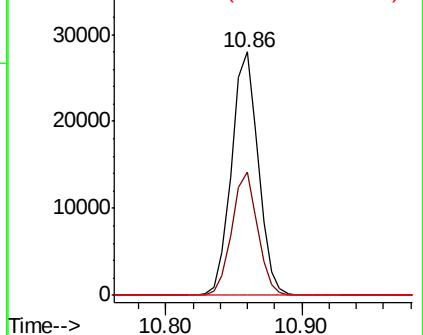
173 100

175 48.9 24.1 72.3

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005560.D

Acq: 25 Oct 2018 00:31

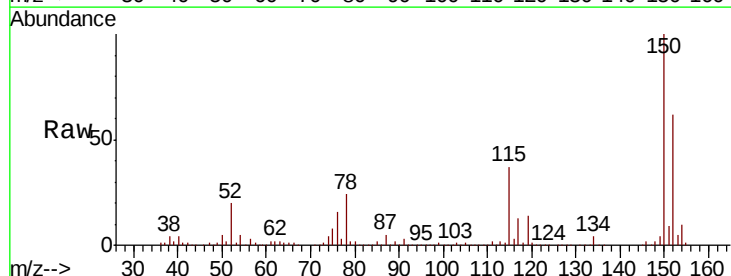
Tgt Ion:152 Resp: 156349

Ion Ratio Lower Upper

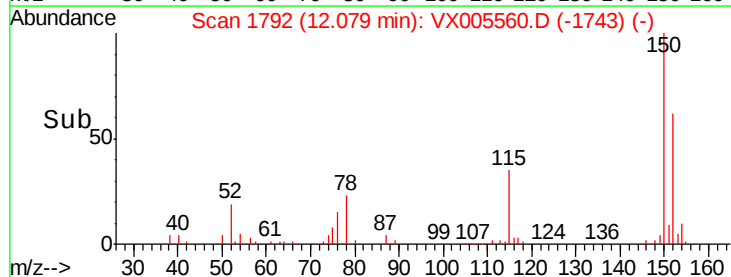
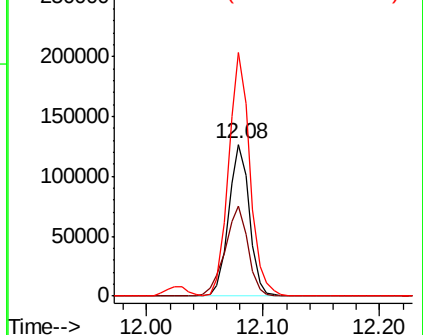
152 100

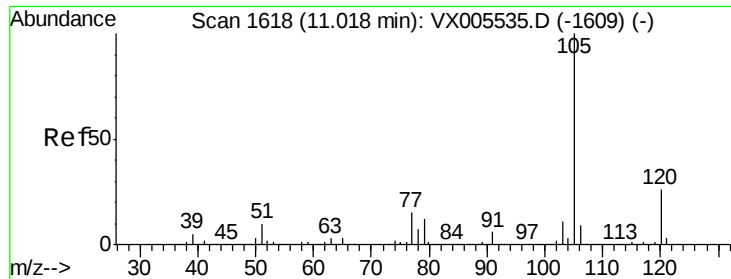
115 65.3 39.0 117.0

150 165.2 0.0 351.0



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

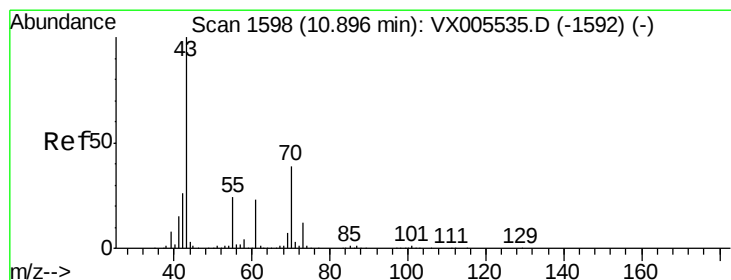
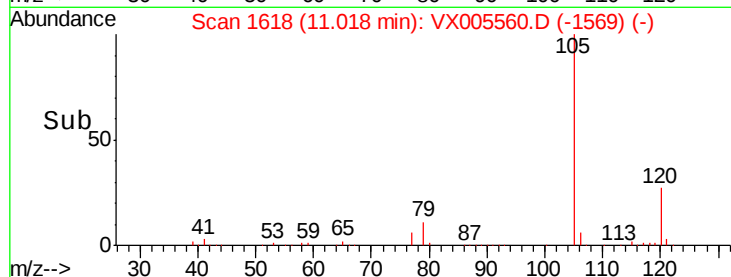
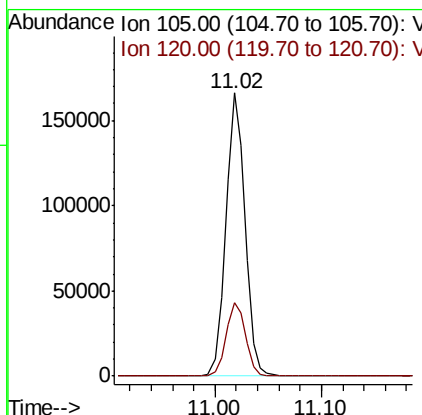
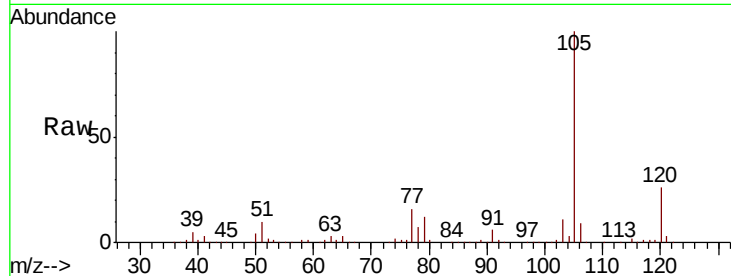




#73
Isopropylbenzene
Concen: 21.890 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX005560.D
Acq: 25 Oct 2018 00:31

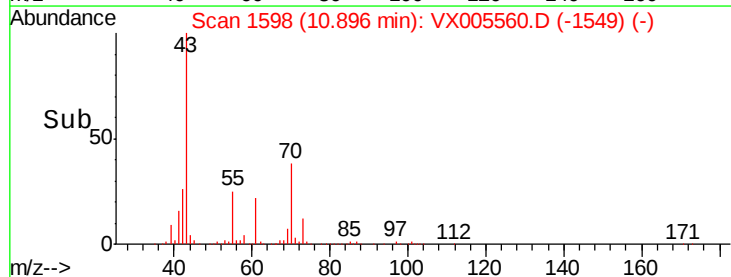
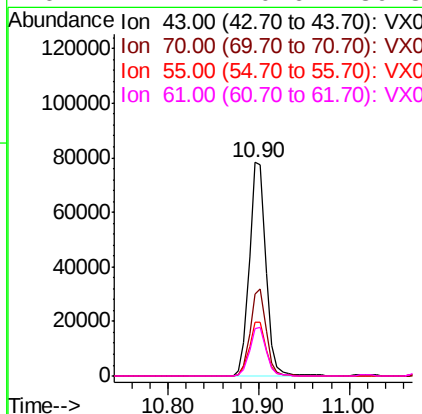
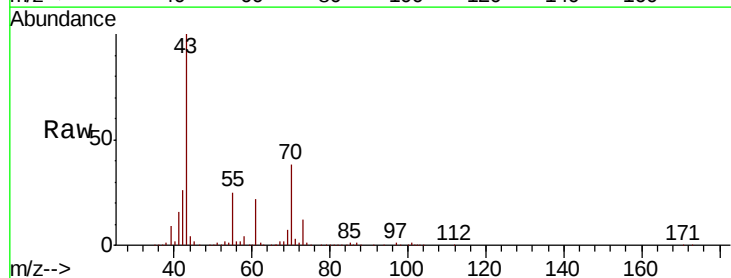
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD02

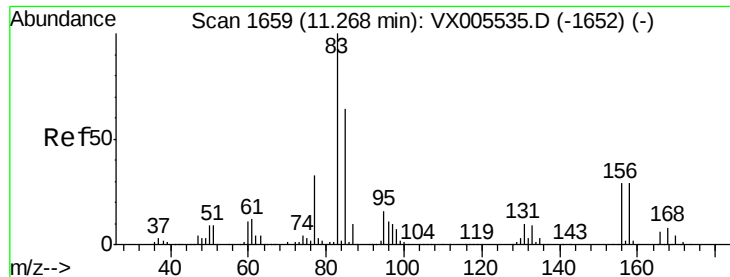
Tot Ion:105 Resp: 209213
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.4



#74
N-ethyl acetate
Concen: 20.843 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX005560.D
Acq: 25 Oct 2018 00:31

Tgt Ion: 43 Resp: 98704
Ion Ratio Lower Upper
43 100
70 39.7 37.4 56.0
55 25.4 21.8 32.8
61 22.7 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.353 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005560.D

Acq: 25 Oct 2018 00:31

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBSD02

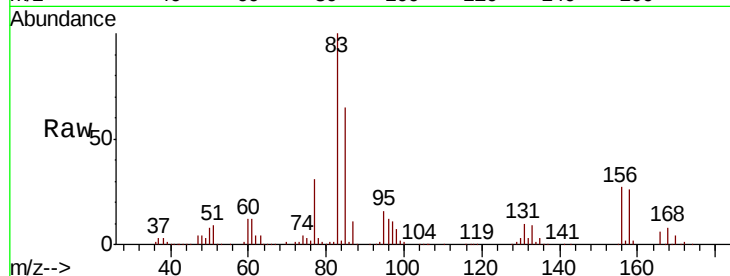
Tot Ion: 83 Resp: 71764

Ion Ratio Lower Upper

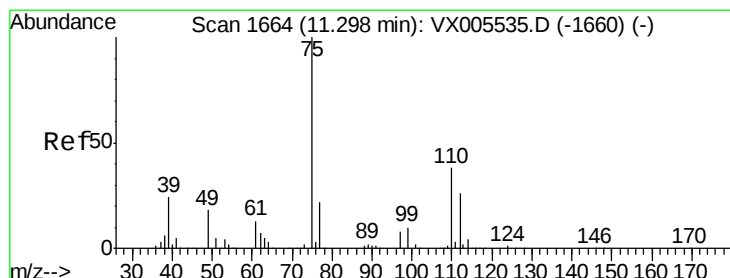
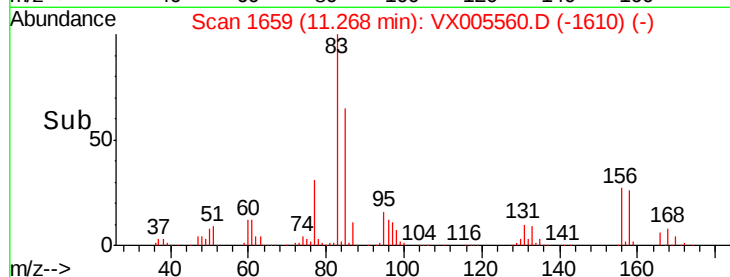
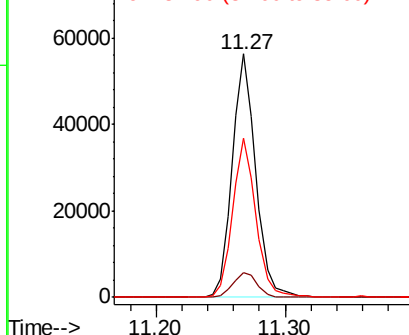
83 100

131 10.5 5.2 15.6

85 64.9 32.3 96.8



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: 26.305 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005560.D

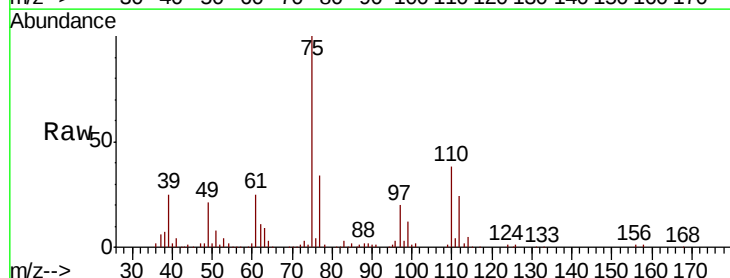
Acq: 25 Oct 2018 00:31

Tgt Ion: 75 Resp: 83771

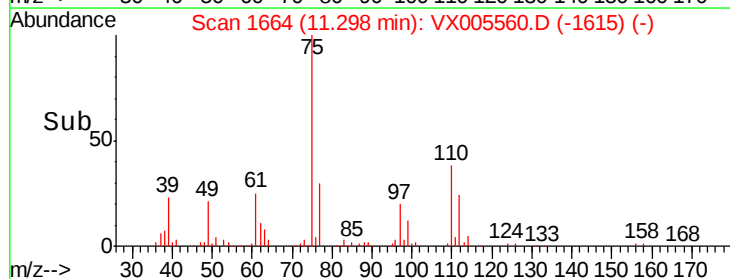
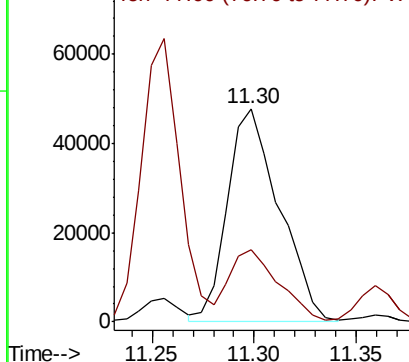
Ion Ratio Lower Upper

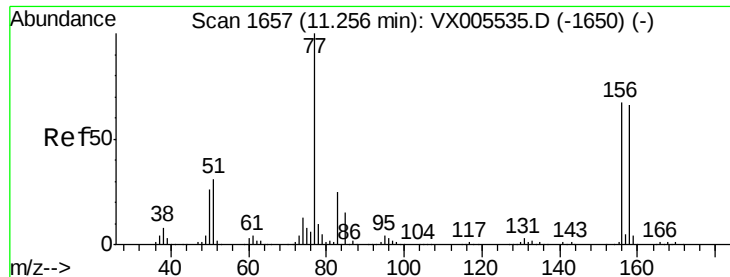
75 100

77 32.3 20.2 60.6



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





#77

Bromobenzene

Concen: 21.176 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005560.D

Acq: 25 Oct 2018 00:31

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBSD02

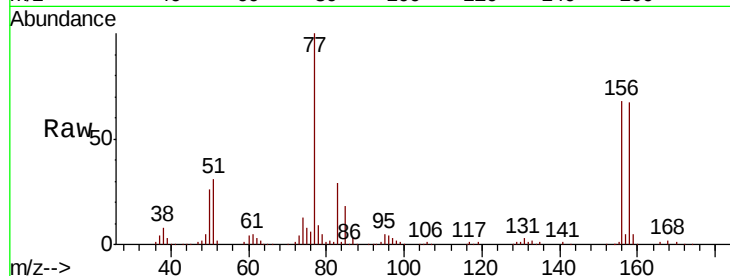
Tot Ion:156 Resp: 56404

Ion Ratio Lower Upper

156 100

77 147.9 71.5 214.3

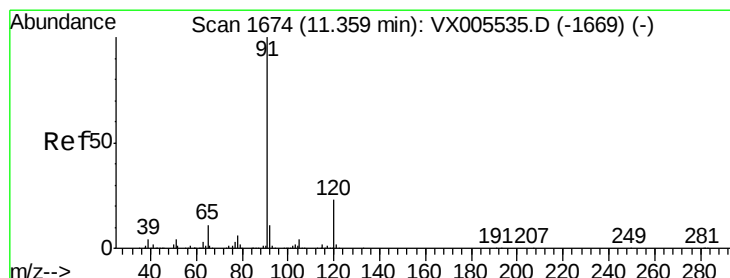
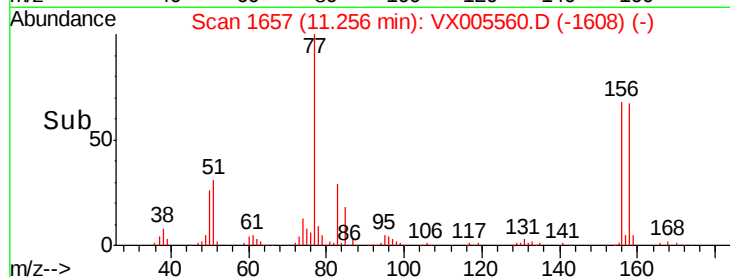
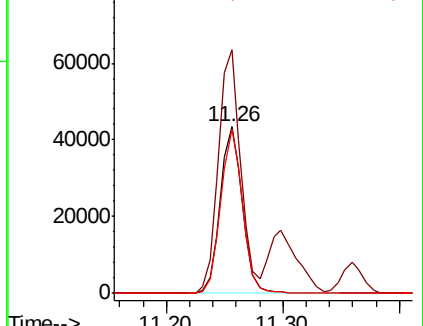
158 97.6 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.830 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005560.D

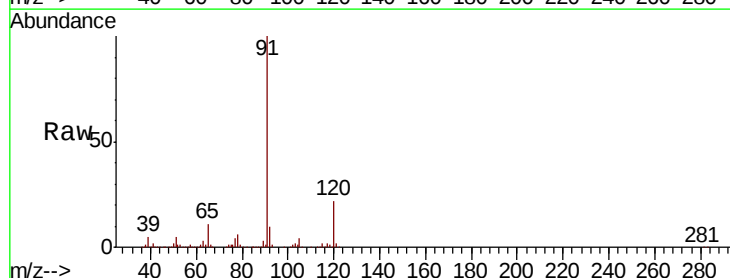
Acq: 25 Oct 2018 00:31

Tgt Ion: 91 Resp: 238569

Ion Ratio Lower Upper

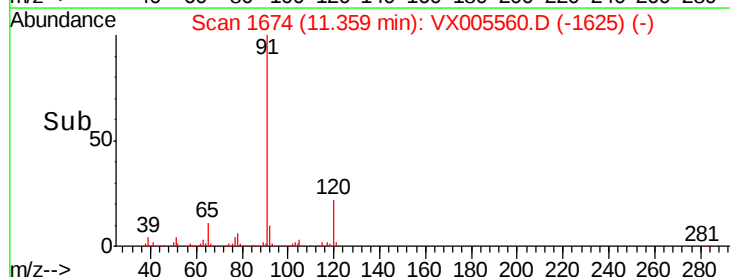
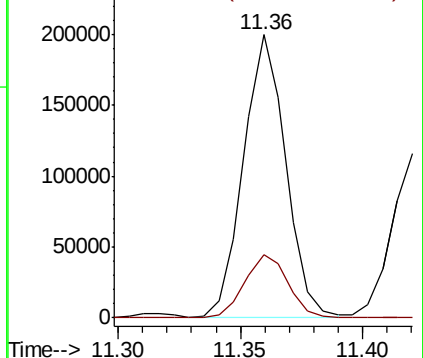
91 100

120 23.3 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

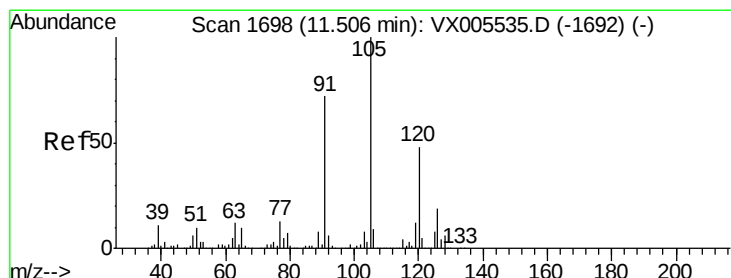
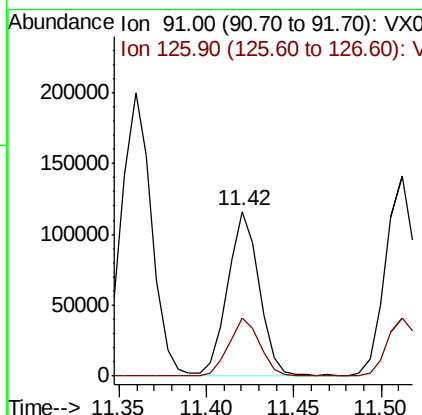
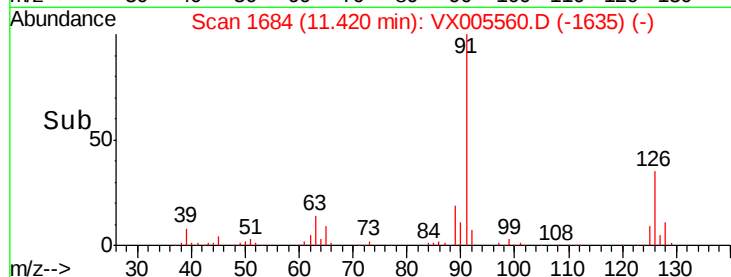
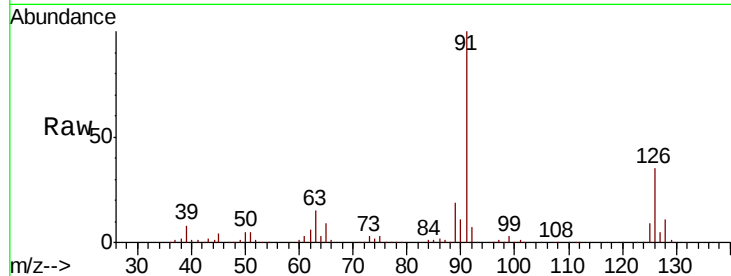




#79
 2-Chlorotoluene
 Concen: 21.361 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005560.D
 Acq: 25 Oct 2018 00:31

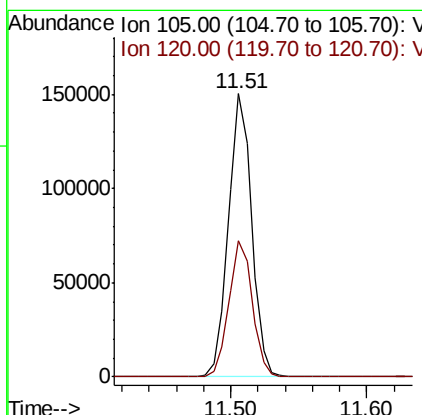
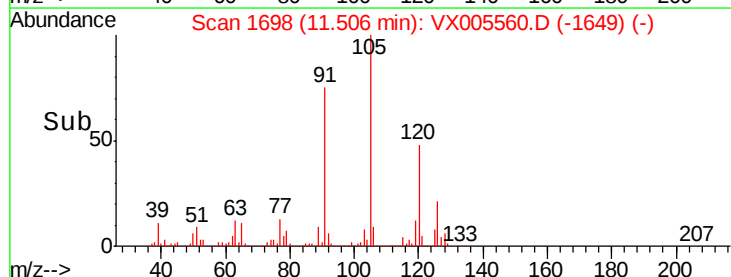
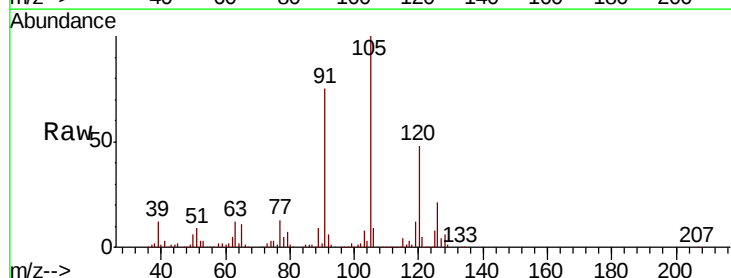
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBSD02

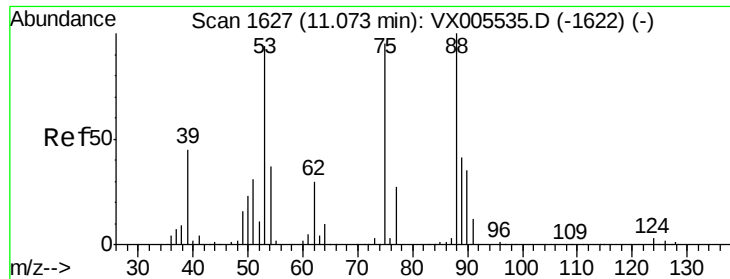
Tot Ion: 91 Resp: 144738
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 21.787 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005560.D
 Acq: 25 Oct 2018 00:31

Tgt Ion: 105 Resp: 178131
 Ion Ratio Lower Upper
 105 100
 120 48.8 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.592 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005560.D

Acq: 25 Oct 2018 00:31

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBSD02

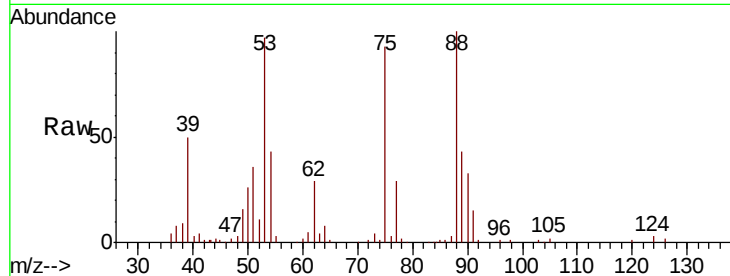
Tot Ion: 75 Resp: 18849

Ion Ratio Lower Upper

75 100

53 104.0 80.1 120.1

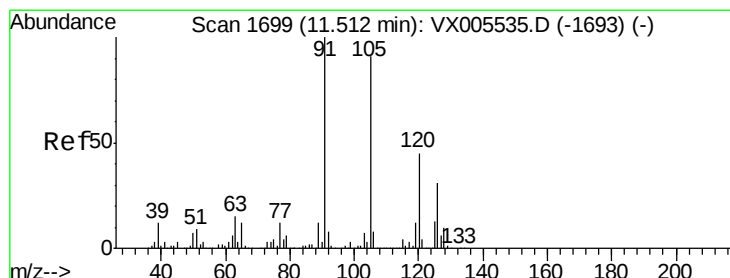
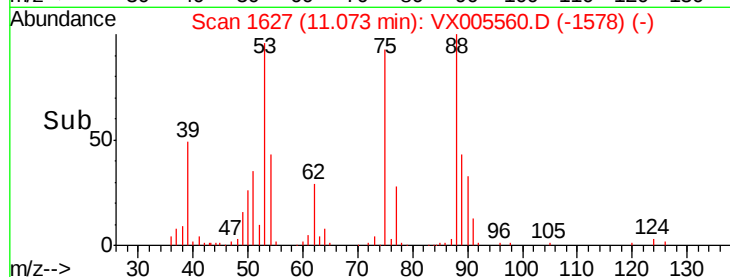
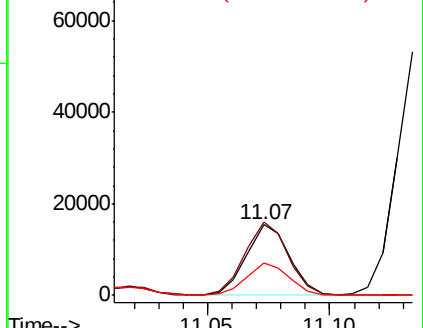
89 46.0 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 21.586 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005560.D

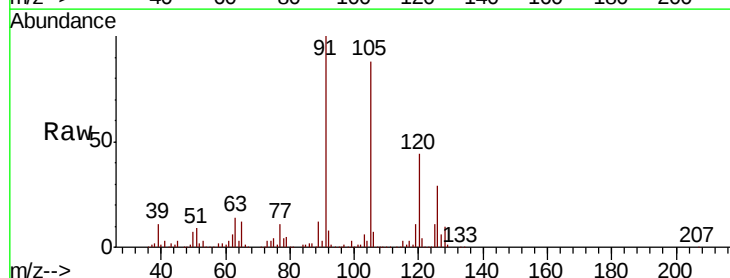
Acq: 25 Oct 2018 00:31

Tgt Ion: 91 Resp: 172472

Ion Ratio Lower Upper

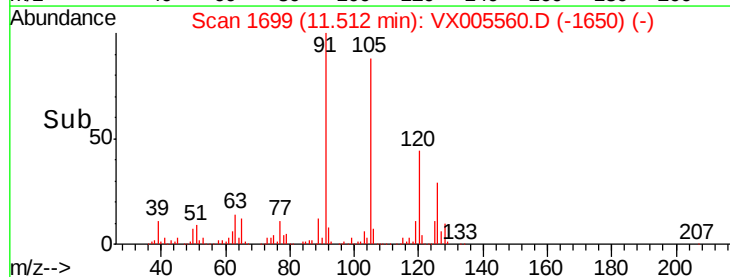
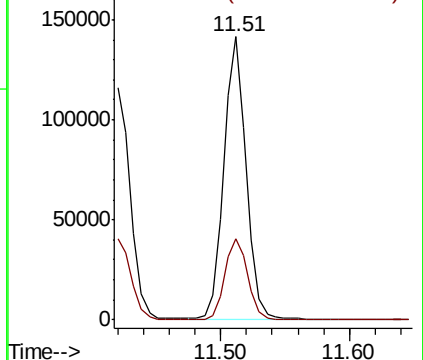
91 100

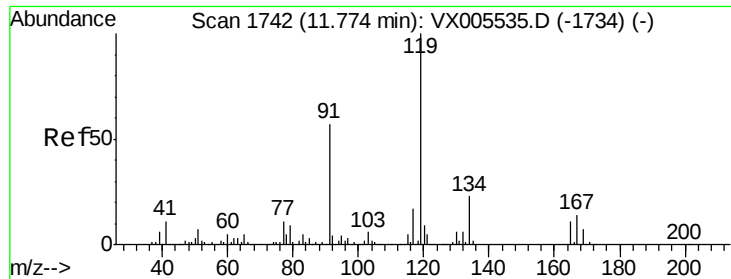
126 29.7 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

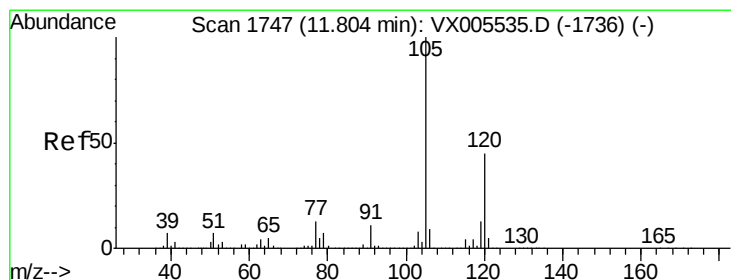
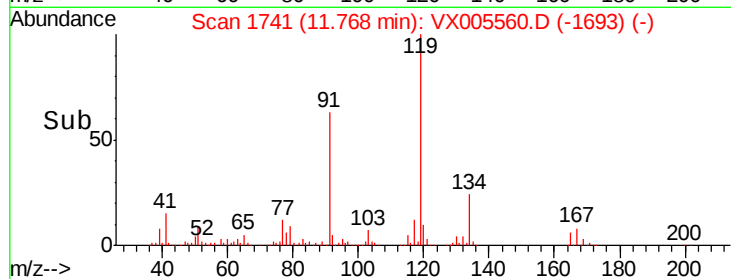
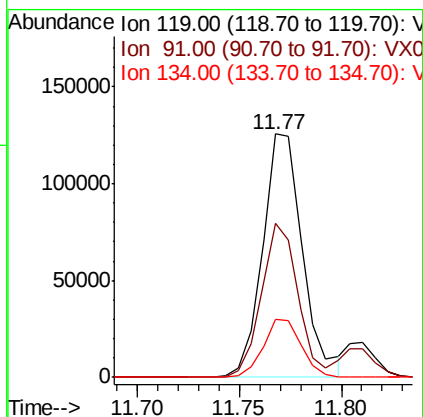
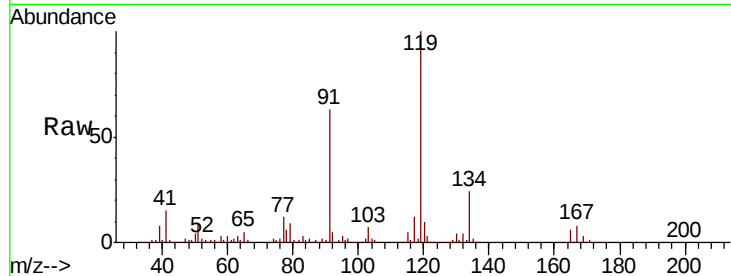




#83
tert-Butylbenzene
Concen: 21.027 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX005560.D
Acq: 25 Oct 2018 00:31

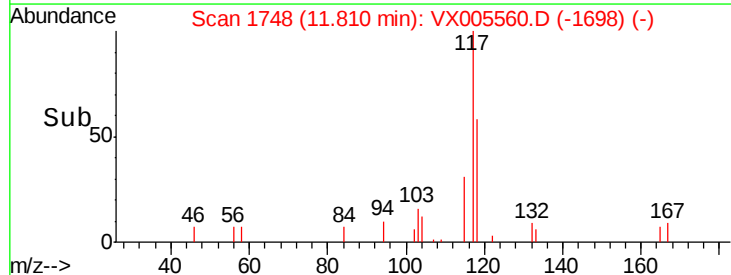
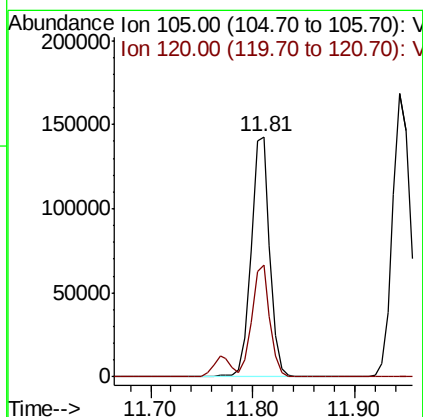
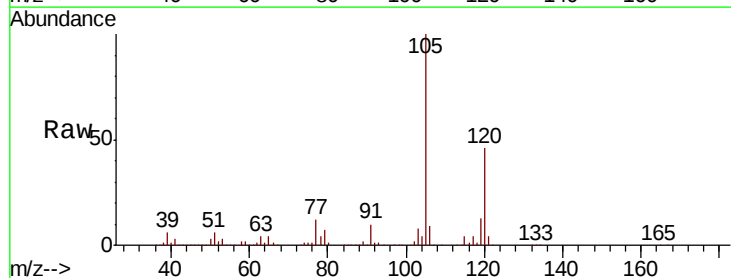
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD02

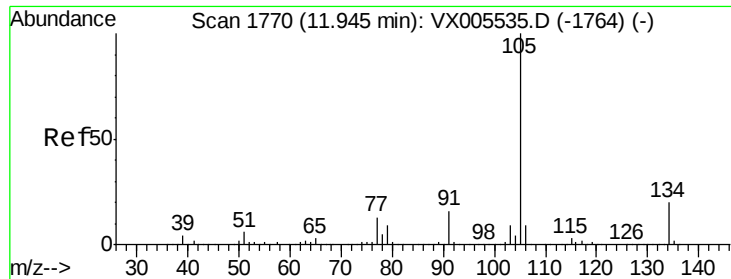
Tot Ion:119 Resp: 171363
Ion Ratio Lower Upper
119 100
91 58.0 27.0 81.0
134 22.8 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 22.068 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VX005560.D
Acq: 25 Oct 2018 00:31

Tgt Ion:105 Resp: 182859
Ion Ratio Lower Upper
105 100
120 44.7 23.2 69.6





#85

sec-Butylbenzene

Concen: 21.391 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005560.D

Acq: 25 Oct 2018 00:31

Instrument :

MSVOA_X

ClientSampleId :

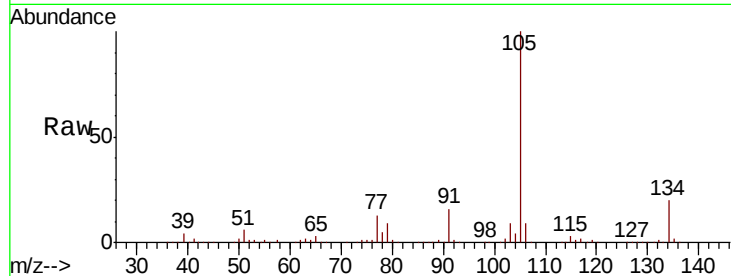
VX1024WBSD02

Tot Ion:105 Resp: 208023

Ion Ratio Lower Upper

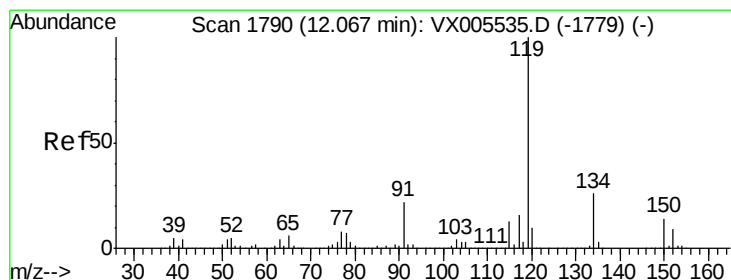
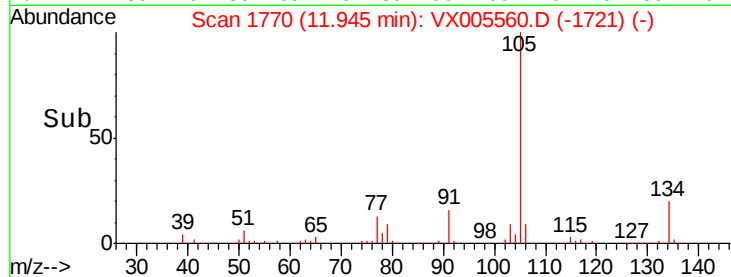
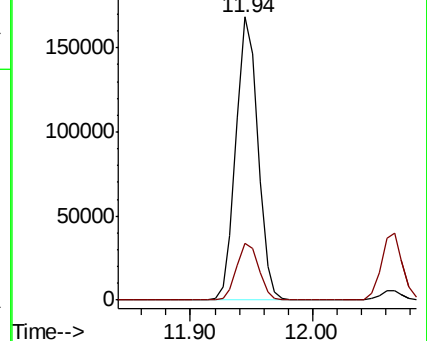
105 100

134 20.3 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.701 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005560.D

Acq: 25 Oct 2018 00:31

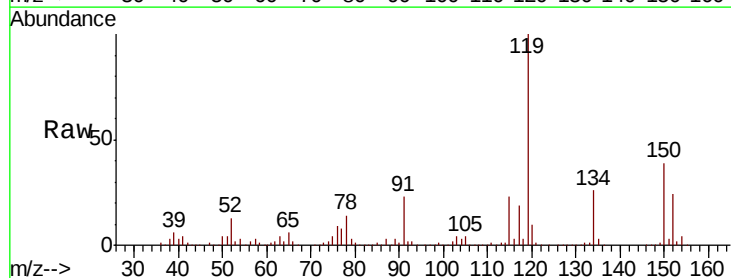
Tgt Ion:119 Resp: 188651

Ion Ratio Lower Upper

119 100

134 25.9 13.4 40.2

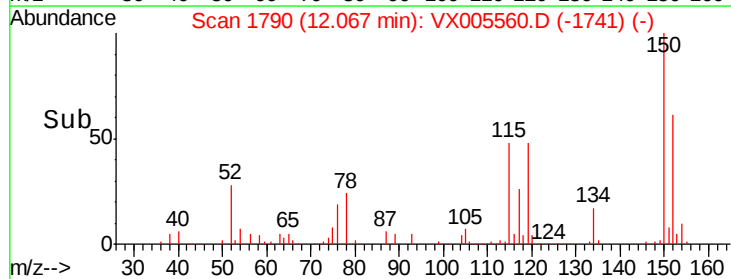
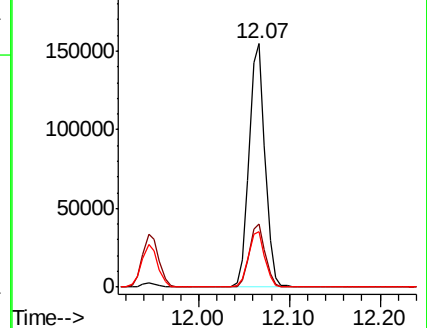
91 23.5 10.9 32.7

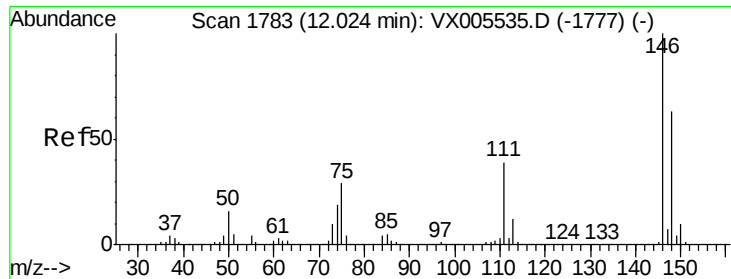


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

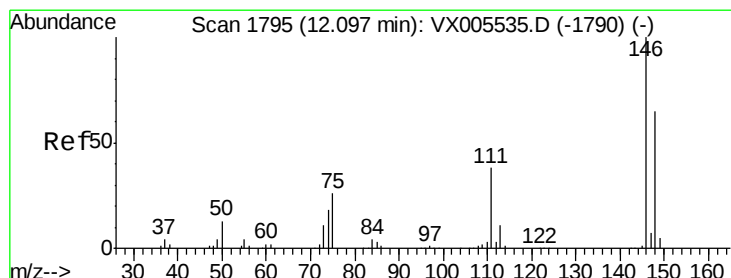
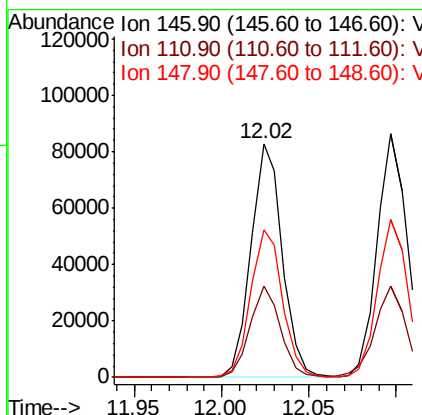
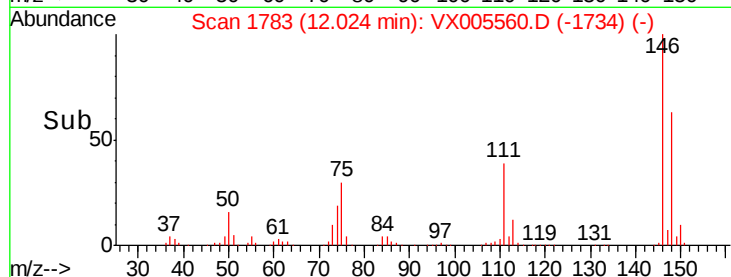
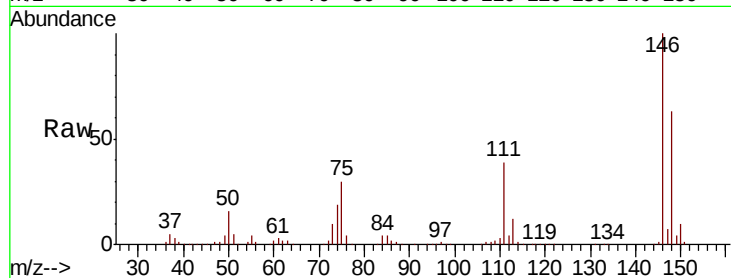




#87
 1,3-Dichlorobenzene
 Concen: 20.596 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005560.D
 Acq: 25 Oct 2018 00:31

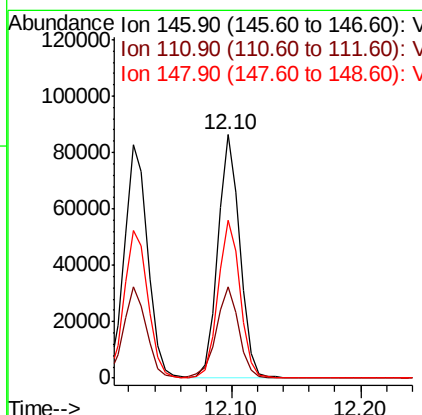
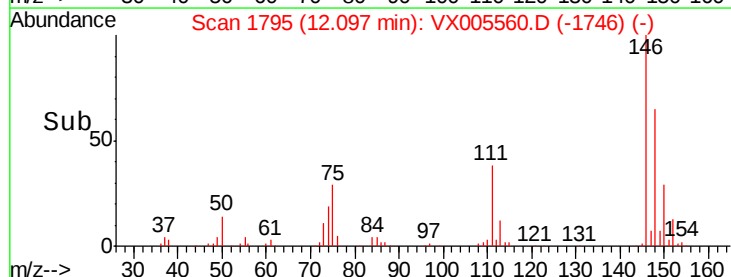
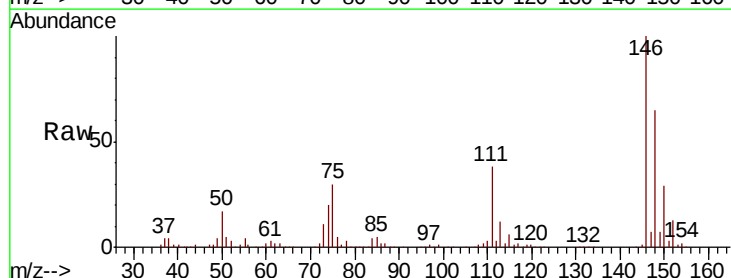
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBSD02

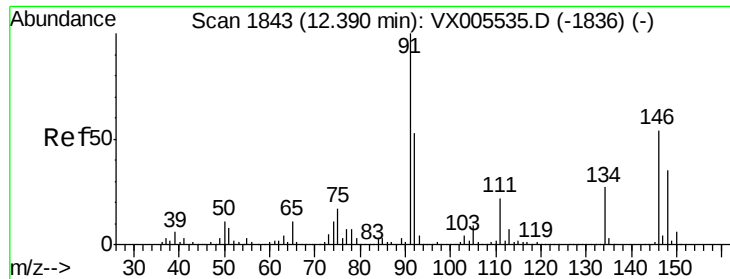
Tot Ion:146 Resp: 103161
 Ion Ratio Lower Upper
 146 100
 111 38.1 18.7 56.1
 148 63.9 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.876 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005560.D
 Acq: 25 Oct 2018 00:31

Tgt Ion:146 Resp: 104129
 Ion Ratio Lower Upper
 146 100
 111 38.7 18.1 54.1
 148 65.2 32.0 96.0

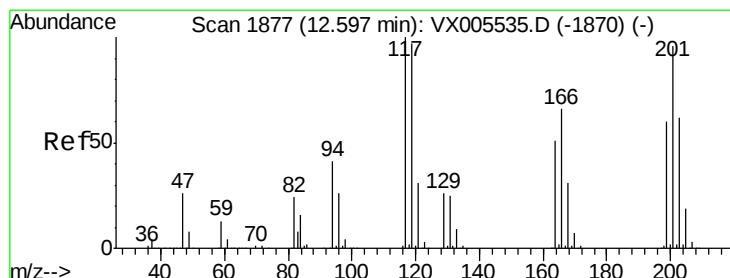
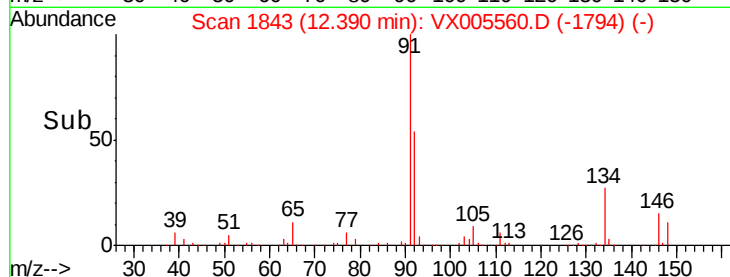
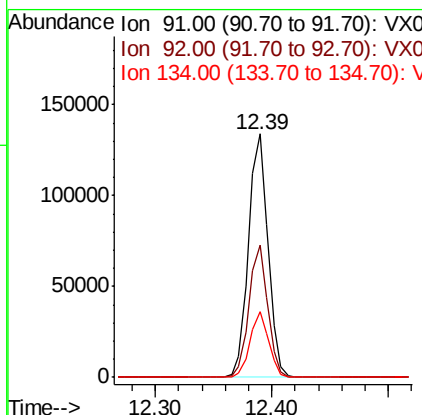
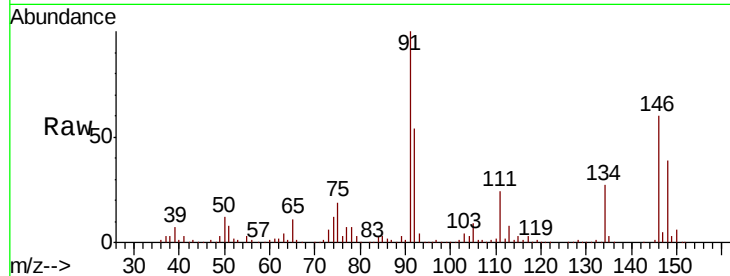




#89
n-Butylbenzene
Concen: 20.108 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005560.D
Acq: 25 Oct 2018 00:31

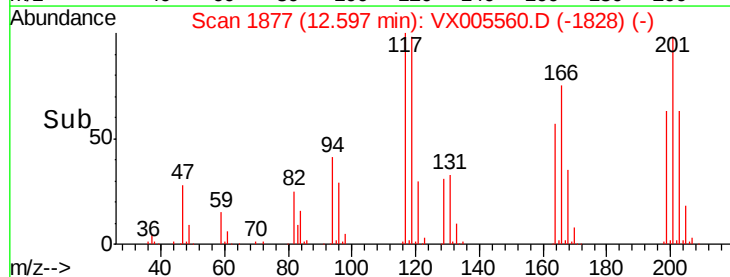
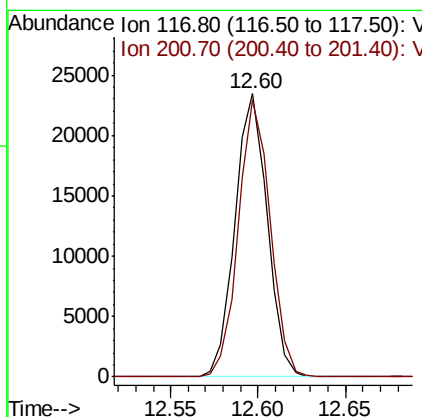
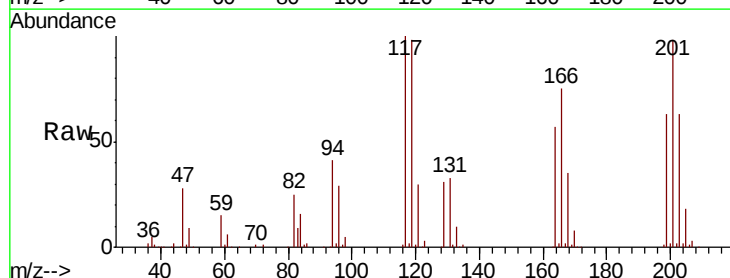
Instrument :
MSVOA_X
ClientSampled :
VX1024WBSD02

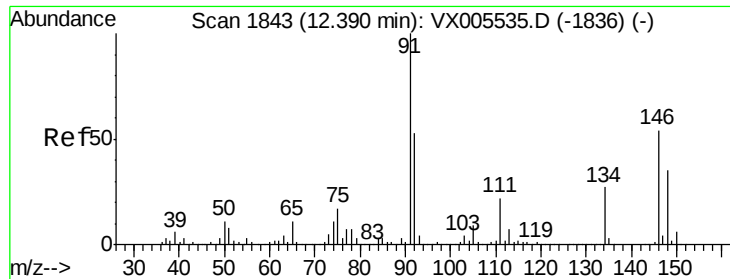
Tot Ion: 91 Resp: 157811
Ion Ratio Lower Upper
91 100
92 52.4 27.3 81.9
134 25.8 13.6 40.7



#90
Hexachloroethane
Concen: 20.051 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005560.D
Acq: 25 Oct 2018 00:31

Tgt Ion: 117 Resp: 30064
Ion Ratio Lower Upper
117 100
201 96.4 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 20.381 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005560.D

Acq: 25 Oct 2018 00:31

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBSD02

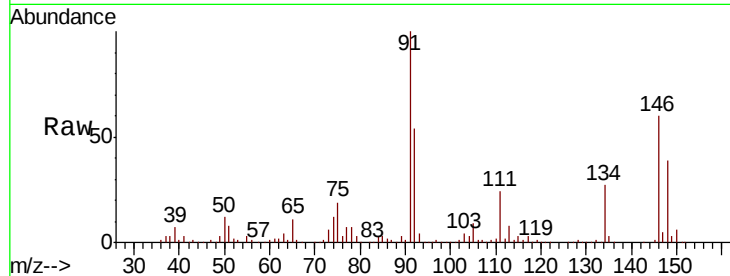
Tot Ion:146 Resp: 103279

Ion Ratio Lower Upper

146 100

111 38.8 19.4 58.1

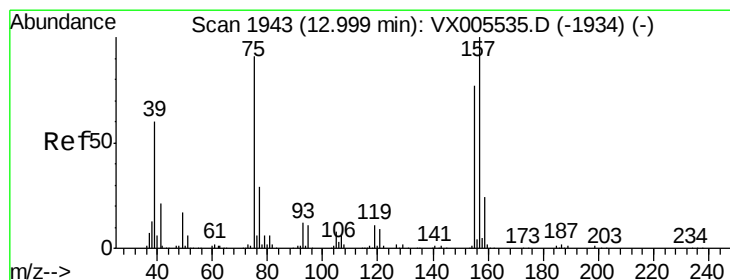
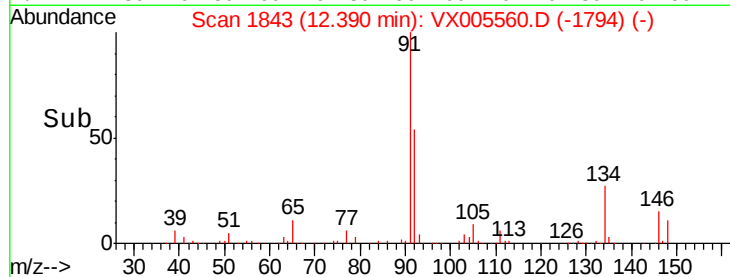
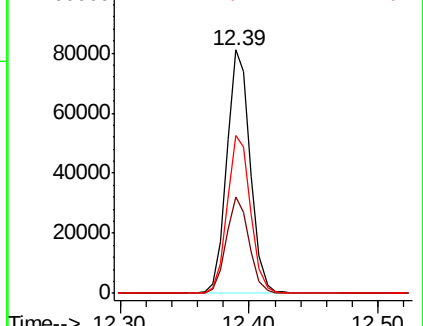
148 64.8 32.8 98.3



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.708 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX005560.D

Acq: 25 Oct 2018 00:31

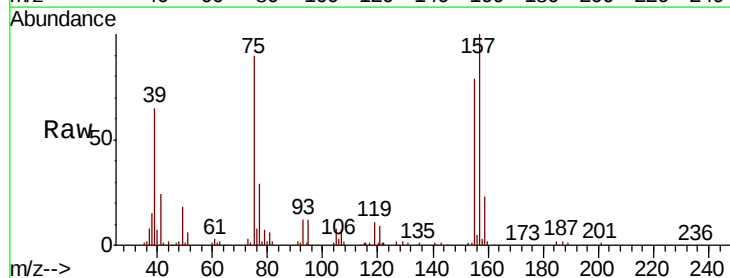
Tgt Ion: 75 Resp: 17655

Ion Ratio Lower Upper

75 100

155 89.6 48.0 144.2

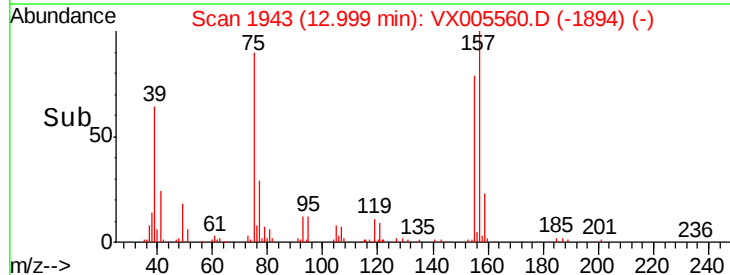
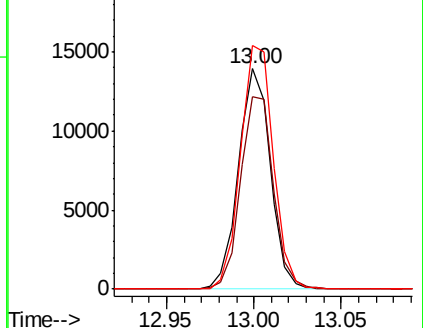
157 113.5 61.4 184.1

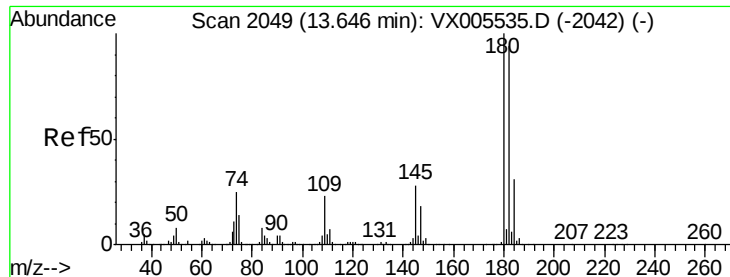


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

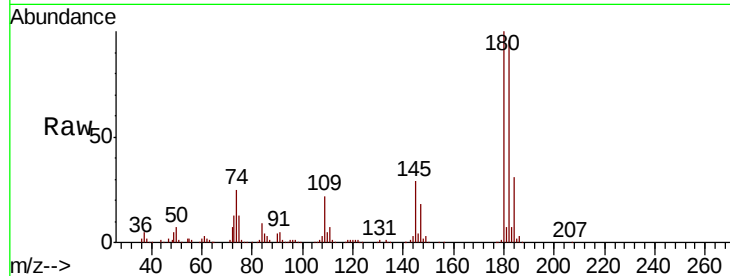




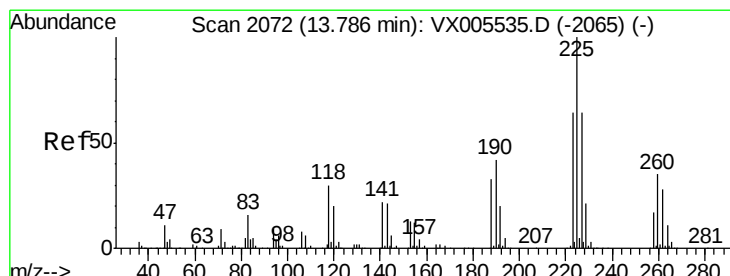
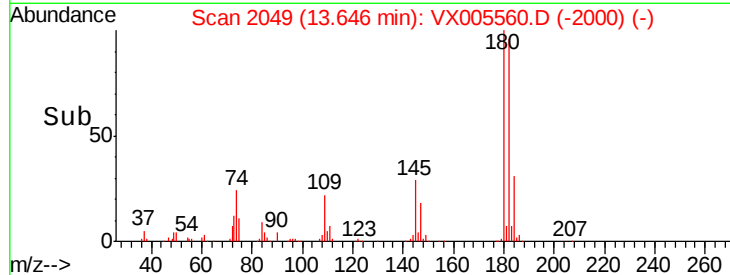
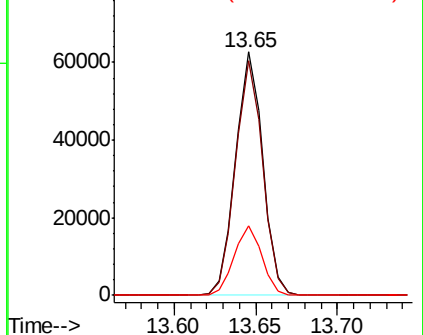
#93
 1,2,4-Trichlorobenzene
 Concen: 19.841 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005560.D
 Acq: 25 Oct 2018 00:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBSD02

Tot Ion:180 Resp: 72883
 Ion Ratio Lower Upper
 180 100
 182 96.6 48.4 145.0
 145 29.0 14.3 42.9

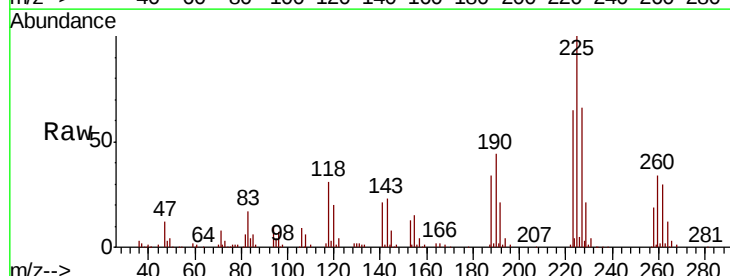


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

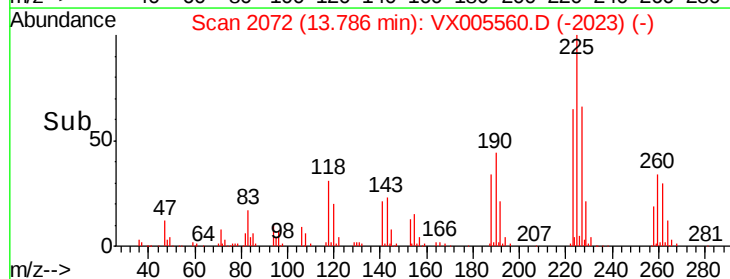
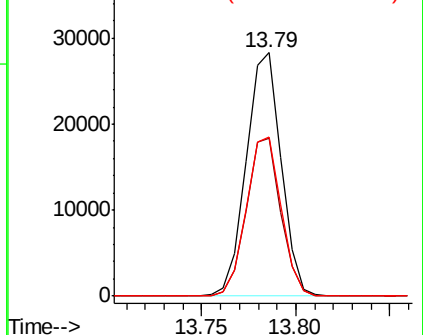


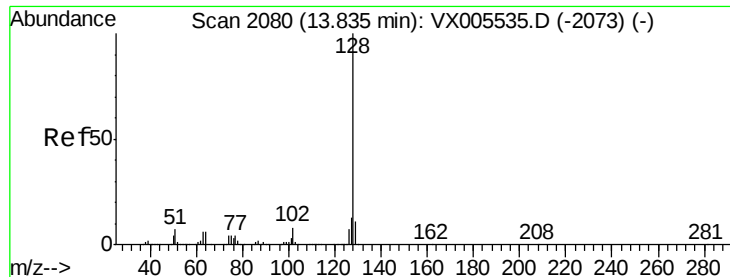
#94
 Hexachlorobutadiene
 Concen: 19.067 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005560.D
 Acq: 25 Oct 2018 00:31

Tgt Ion:225 Resp: 36297
 Ion Ratio Lower Upper
 225 100
 223 64.1 30.1 90.5
 227 65.6 30.8 92.4



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: 21.418 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005560.D

Acq: 25 Oct 2018 00:31

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBSD02

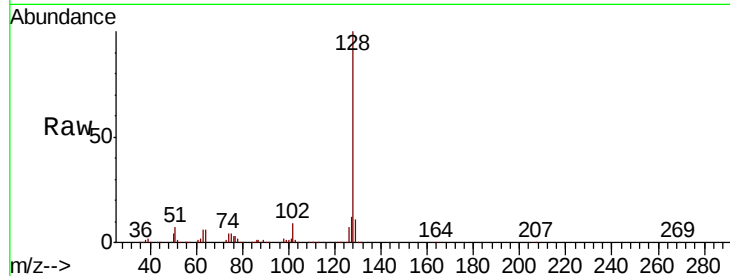
Tot Ion:128 Resp: 228695

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

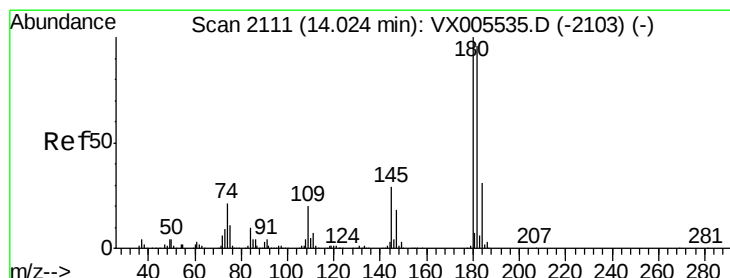
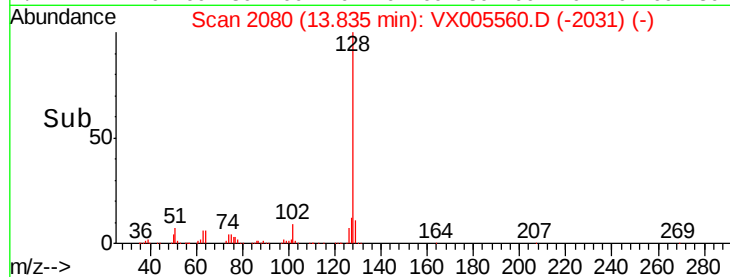
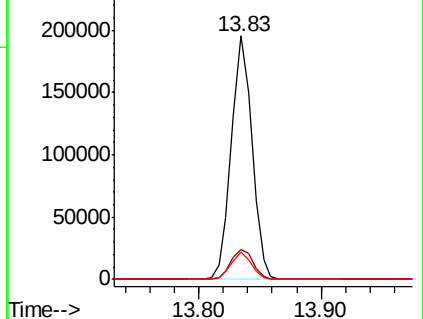
129 10.9 8.6 12.8



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: 20.847 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005560.D

Acq: 25 Oct 2018 00:31

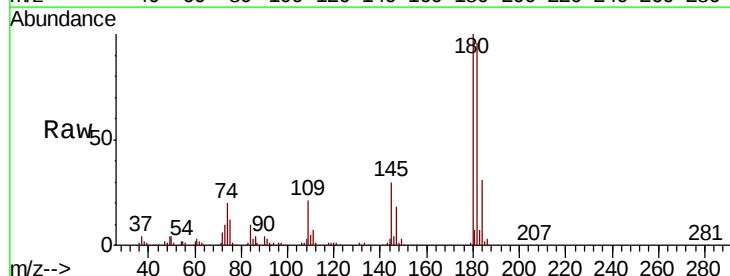
Tgt Ion:180 Resp: 77628

Ion Ratio Lower Upper

180 100

182 96.2 48.5 145.6

145 30.2 14.9 44.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

