

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091818\
 Data File : VX004652.D
 Acq On : 18 Sep 2018 12:42
 Operator : JC/MD
 Sample : VX0918MBSD01
 Misc : 5.00µ/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 18 15:23:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	228836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	349837	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	291351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	176248	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	133939	45.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.78%	
35) Dibromofluoromethane	5.50	113	119655	37.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.76%	
50) Toluene-d8	8.71	98	447249	41.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.32%	
62) 4-Bromofluorobenzene	11.14	95	161440	42.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.26%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	41198	19.210	ug/l	88
3) Chloromethane	1.32	50	53911	18.265	ug/l	99
4) Vinyl Chloride	1.40	62	56801	18.750	ug/l	98
5) Bromomethane	1.64	94	28542	21.836	ug/l	99
6) Chloroethane	1.72	64	35654	18.200	ug/l	96
7) Trichlorofluoromethane	1.93	101	73692	18.350	ug/l	95
8) Diethyl Ether	2.19	74	34670	19.257	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	47785	18.757	ug/l	98
10) Methyl Iodide	2.51	142	44001	17.475	ug/l	97
11) Tert butyl alcohol	3.07	59	70461	100.078	ug/l	99
12) 1,1-Dichloroethene	2.37	96	45311	18.950	ug/l	98
13) Acrolein	2.29	56	15371	55.306	ug/l	92
14) Allyl chloride	2.73	41	94975	19.321	ug/l	95
15) Acrylonitrile	3.15	53	160836	94.862	ug/l	97
16) Acetone	2.45	43	130414	90.557	ug/l	99
17) Carbon Disulfide	2.57	76	126226	18.264	ug/l	98
18) Methyl Acetate	2.78	43	80648	19.960	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	165187	19.689	ug/l	92
20) Methylene Chloride	2.85	84	54772	18.540	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	50541	19.129	ug/l	93
22) Diisopropyl ether	3.87	45	180354	20.371	ug/l	96
23) Vinyl Acetate	3.82	43	690483	96.373	ug/l	95
24) 1,1-Dichloroethane	3.69	63	94491	18.904	ug/l	98
25) 2-Butanone	4.70	43	202242	88.239	ug/l	98
26) 2,2-Dichloropropane	4.57	77	70495	20.533	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	56903	19.293	ug/l	98
28) Bromochloromethane	5.02	49	43075	18.840	ug/l	98
29) Tetrahydrofuran	5.15	42	136751	98.937	ug/l	96
30) Chloroform	5.21	83	93026	19.062	ug/l	93
31) Cyclohexane	5.57	56	79118	18.537	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	75655	19.249	ug/l	98
36) 1,1-Dichloropropene	5.79	75	66377	15.628	ug/l	98
37) Ethyl Acetate	4.85	43	77346	16.012	ug/l	100
38) Carbon Tetrachloride	5.78	117	67395	16.246	ug/l #	83

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091818\
 Data File : VX004652.D
 Acq On : 18 Sep 2018 12:42
 Operator : JC/MD
 Sample : VX0918MBSD01
 Misc : 5.00µ/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 18 15:23:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	76891	17.349	ug/l #	87
40) Benzene	6.14	78	206506	16.387	ug/l	92
41) Methacrylonitrile	5.06	41	43736	16.433	ug/l	99
42) 1,2-Dichloroethane	6.20	62	68398	16.365	ug/l	100
43) Isopropyl Acetate	6.46	43	114785	17.891	ug/l	100
44) Trichloroethene	7.21	130	59943	18.309	ug/l	100
45) 1,2-Dichloropropane	7.52	63	52134	17.193	ug/l	95
46) Dibromomethane	7.66	93	33217	17.340	ug/l	98
47) Bromodichloromethane	7.90	83	61742	17.043	ug/l	95
48) Methyl methacrylate	7.77	41	54663	17.216	ug/l	98
49) 1,4-Dioxane	7.76	88	26878	357.653	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	360473	79.615	ug/l	99
52) Toluene	8.79	92	125052	16.843	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	68420	16.168	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	76733	17.788	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	51359	16.066	ug/l	99
56) Ethyl methacrylate	9.18	69	72860	16.110	ug/l	98
57) 1,3-Dichloropropane	9.37	76	84896	16.344	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	186768	85.970	ug/l	97
59) 2-Hexanone	9.50	43	278999	80.336	ug/l	97
60) Dibromochloromethane	9.59	129	50431	16.756	ug/l	100
61) 1,2-Dibromoethane	9.68	107	52311	17.129	ug/l	99
64) Tetrachloroethene	9.34	164	69565	19.124	ug/l	99
65) Chlorobenzene	10.14	112	142756	19.726	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	49585	19.869	ug/l	99
67) Ethyl Benzene	10.26	91	234905	19.962	ug/l	99
68) m/p-Xylenes	10.36	106	183922	40.575	ug/l	97
69) o-Xylene	10.70	106	88632	20.339	ug/l	100
70) Styrene	10.71	104	147808	20.473	ug/l	98
71) Bromoform	10.86	173	39306	19.182	ug/l	100
73) Isopropylbenzene	11.02	105	240083	20.683	ug/l	100
74) N-amyl acetate	10.90	43	93991	19.238	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	69706	18.618	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	88410	24.933	ug/l	86
77) Bromobenzene	11.26	156	65253	20.339	ug/l	100
78) n-propylbenzene	11.36	91	275119	20.614	ug/l	100
79) 2-Chlorotoluene	11.42	91	163122	20.152	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	203100	20.814	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	21545	19.367	ug/l	99
82) 4-Chlorotoluene	11.51	91	189244	20.032	ug/l	99
83) tert-Butylbenzene	11.77	119	190059	20.459	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	208846	20.963	ug/l	99
85) sec-Butylbenzene	11.95	105	244908	20.688	ug/l	100
86) p-Isopropyltoluene	12.07	119	220074	21.052	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	119330	19.935	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	121887	19.706	ug/l	99
89) n-Butylbenzene	12.39	91	187716	19.705	ug/l	98
90) Hexachloroethane	12.60	117	32283	19.290	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	121994	20.135	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16065	20.095	ug/l	98

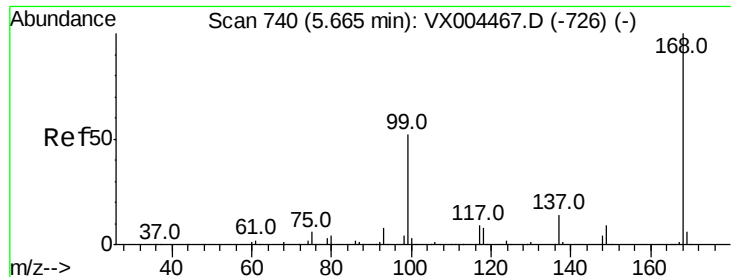
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091818\
Data File : VX004652.D
Acq On : 18 Sep 2018 12:42
Operator : JC/MD
Sample : VX0918MBSD01
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Sep 18 15:23:17 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	88482	20.625	ug/l	99
94) Hexachlorobutadiene	13.79	225	46832	20.899	ug/l	97
95) Naphthalene	13.83	128	262520	21.818	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	91391	20.736	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX004652.D

Acq: 18 Sep 2018 12:42

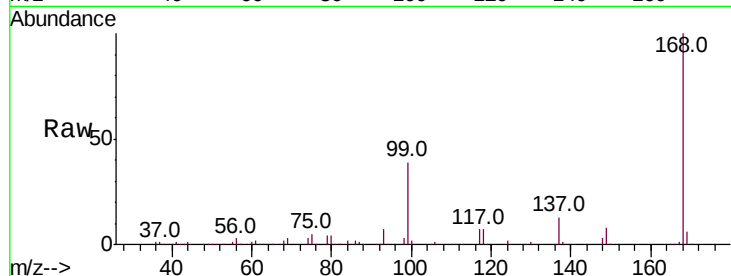
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 228836

Ion Ratio Lower Upper

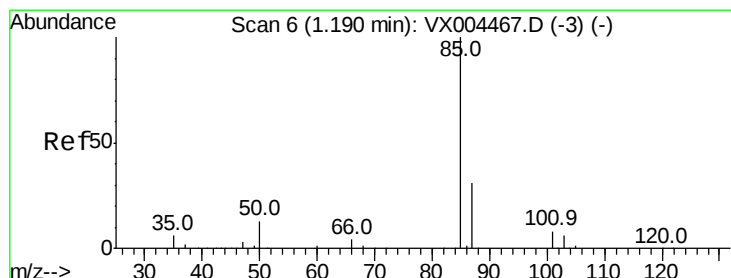
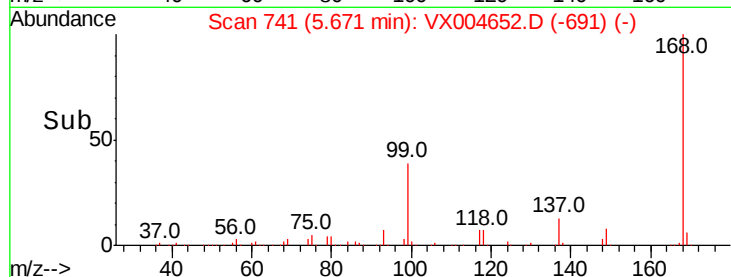
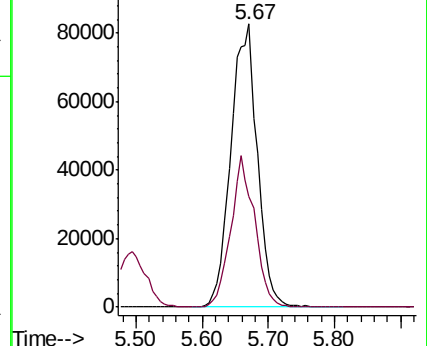
168 100

99 39.3 39.9 59.9#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.210 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.00 min

Lab File: VX004652.D

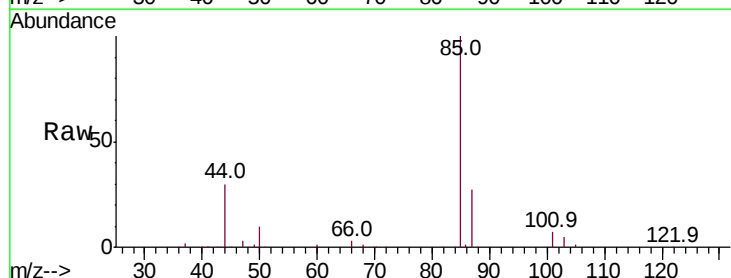
Acq: 18 Sep 2018 12:42

Tgt Ion: 85 Resp: 41198

Ion Ratio Lower Upper

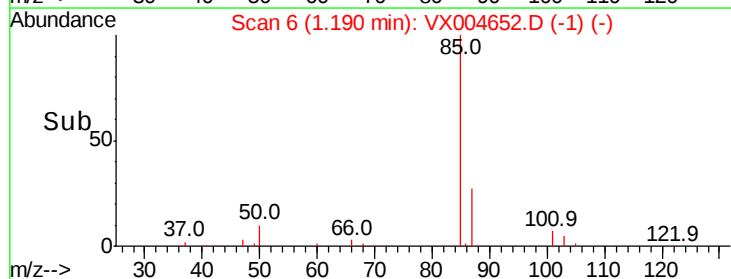
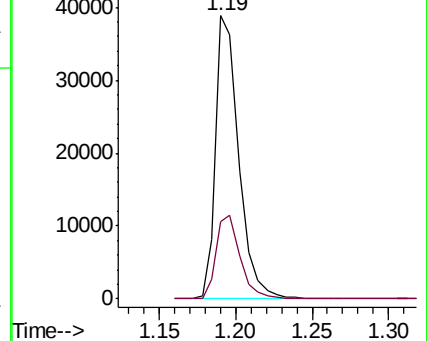
85 100

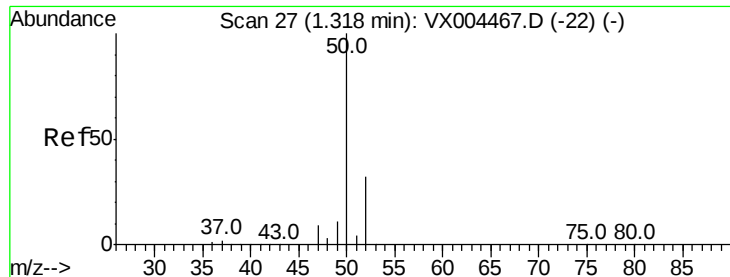
87 27.2 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.265 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.01 min

Lab File: VX004652.D

Acq: 18 Sep 2018 12:42

Instrument :

MSVOA_X

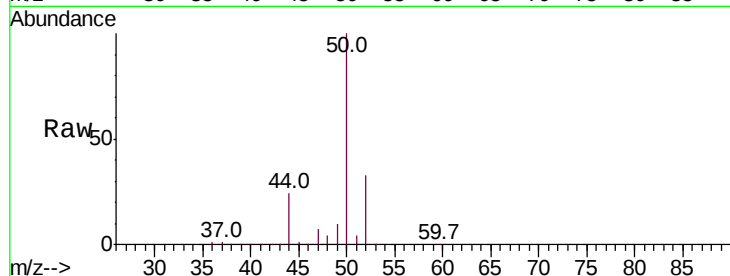
ClientSampleId :

Tot Ion: 50 Resp: 53911

Ion Ratio Lower Upper

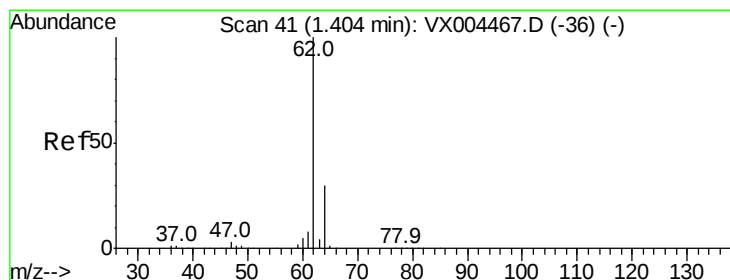
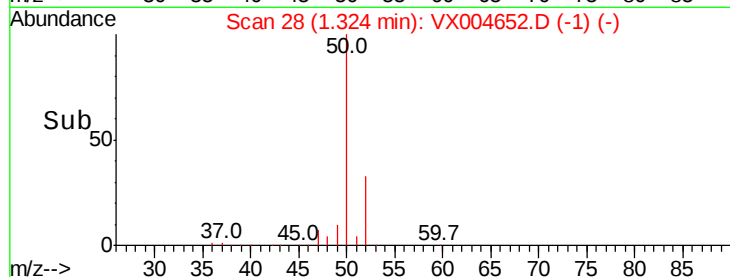
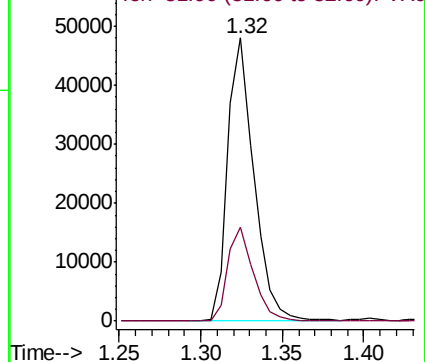
50 100

52 33.2 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.750 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004652.D

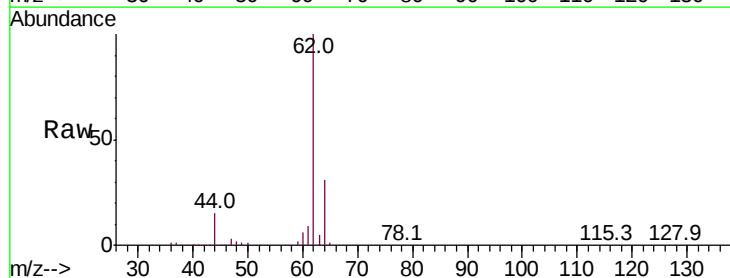
Acq: 18 Sep 2018 12:42

Tgt Ion: 62 Resp: 56801

Ion Ratio Lower Upper

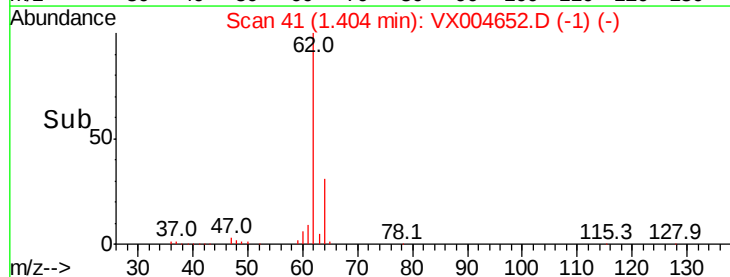
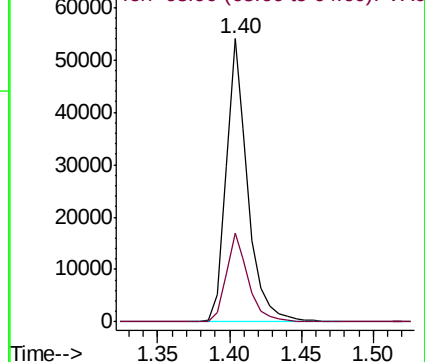
62 100

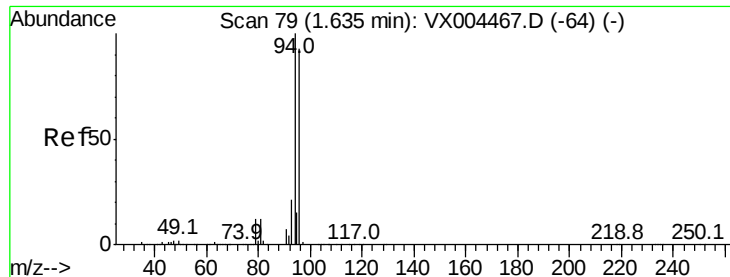
64 31.3 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.836 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004652.D

Acq: 18 Sep 2018 12:42

Instrument :

MSVOA_X

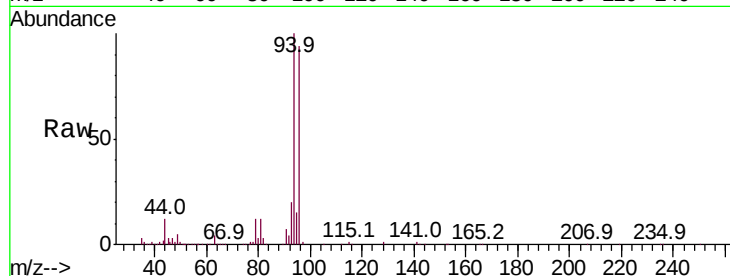
ClientSampleId :

Tot Ion: 94 Resp: 28542

Ion Ratio Lower Upper

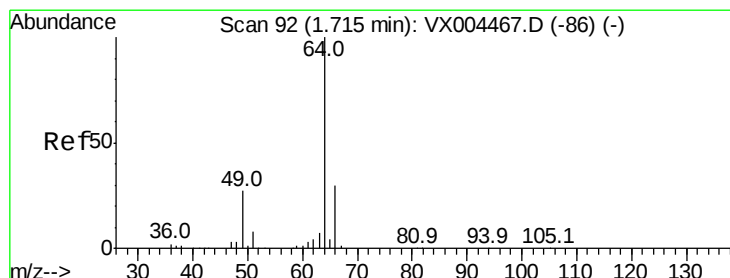
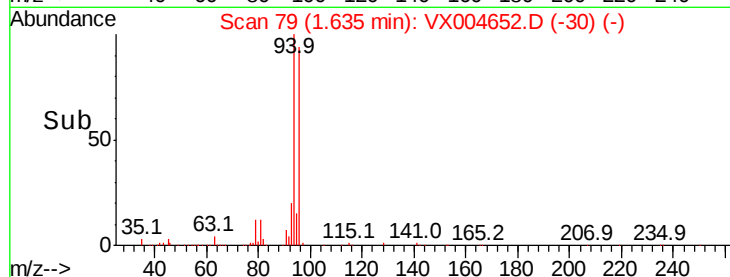
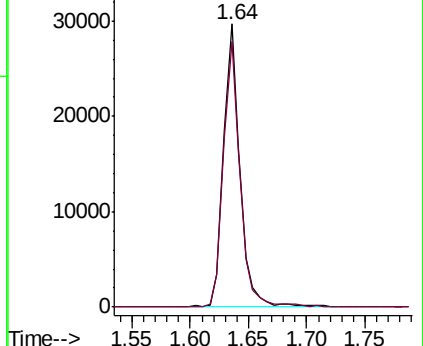
94 100

96 94.0 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: 18.200 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX004652.D

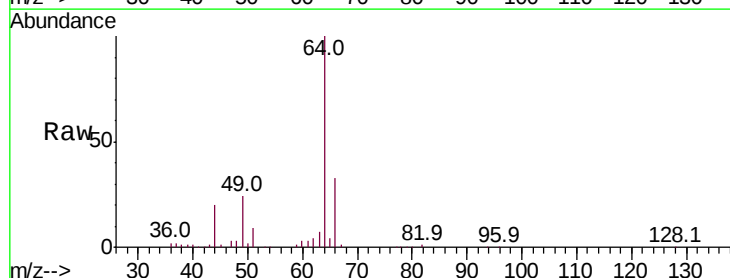
Acq: 18 Sep 2018 12:42

Tgt Ion: 64 Resp: 35654

Ion Ratio Lower Upper

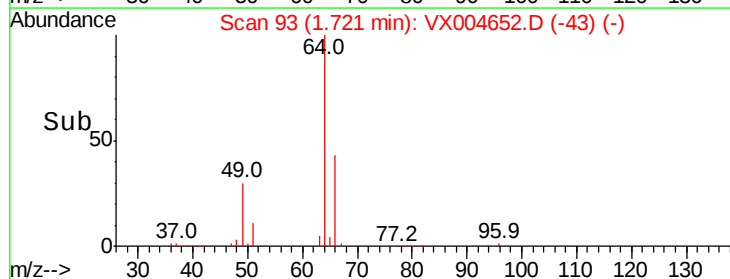
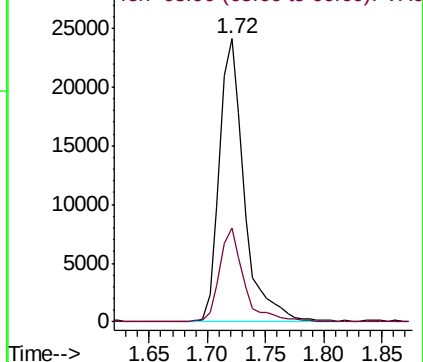
64 100

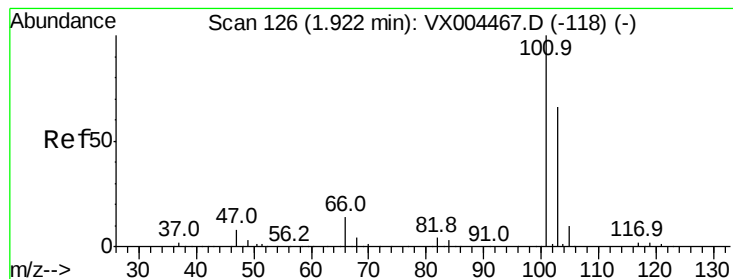
66 33.0 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



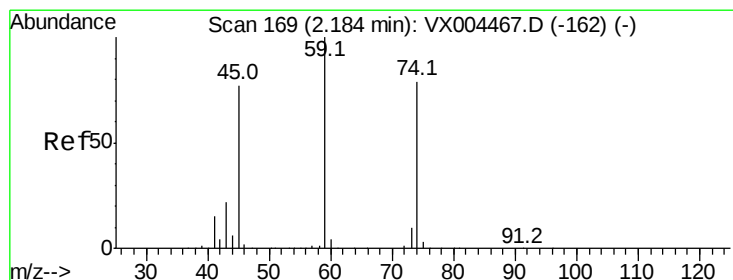
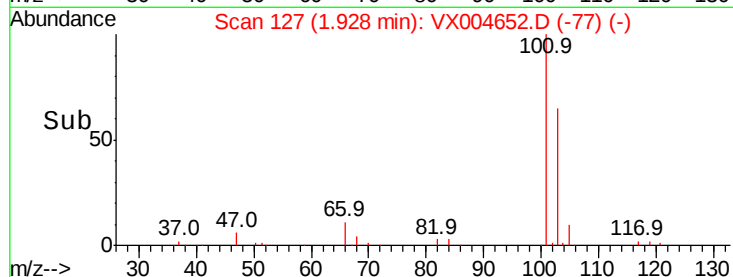
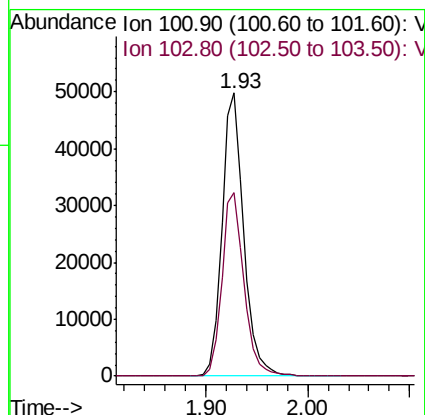
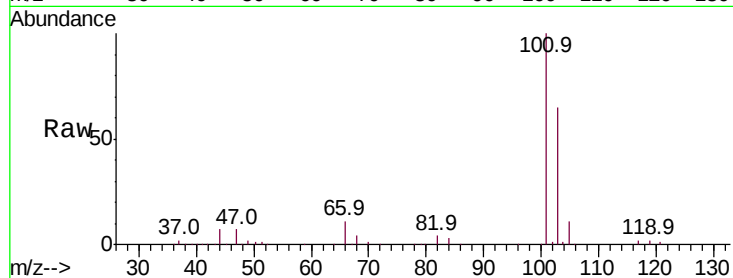


#7

Trichlorofluoromethane
Concen: 18.350 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX004652.D
Acq: 18 Sep 2018 12:42

Instrument :
MSVOA_X
ClientSampleId :

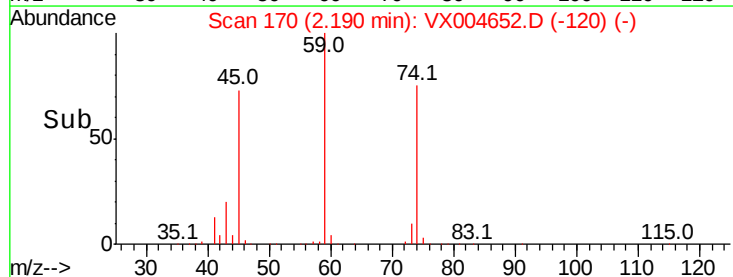
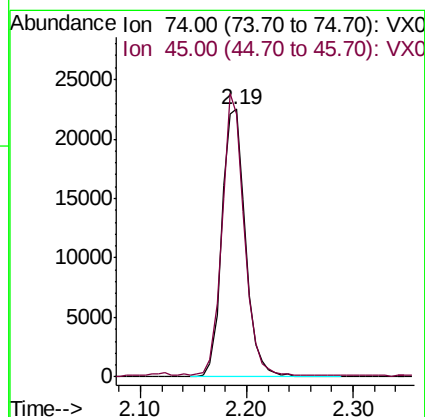
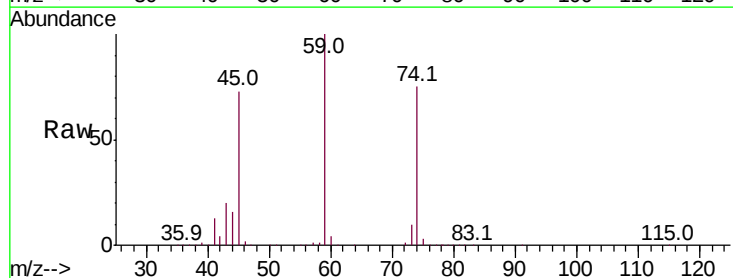
Tot Ion:101 Resp: 73692
Ion Ratio Lower Upper
101 100
103 64.8 48.9 73.3

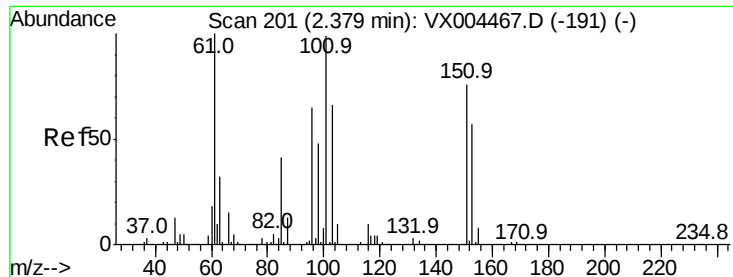


#8

Diethyl Ether
Concen: 19.257 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX004652.D
Acq: 18 Sep 2018 12:42

Tgt Ion: 74 Resp: 34670
Ion Ratio Lower Upper
74 100
45 98.6 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.757 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004652.D

Acq: 18 Sep 2018 12:42

Instrument :
MSVOA_X
ClientSampleId :

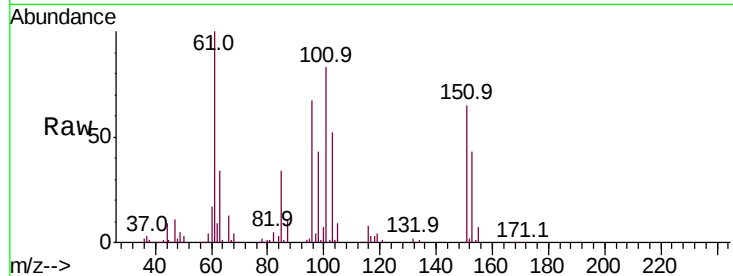
Tot Ion:101 Resp: 47785

Ion Ratio Lower Upper

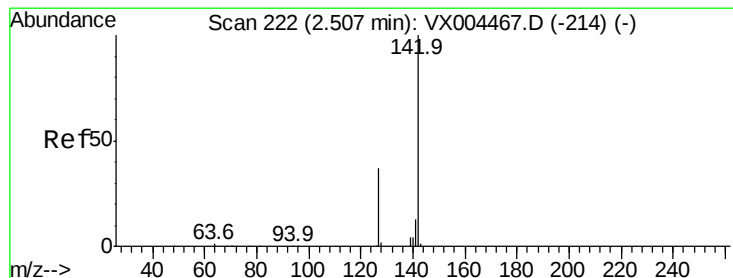
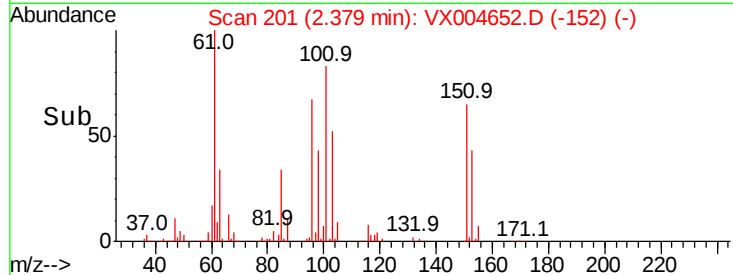
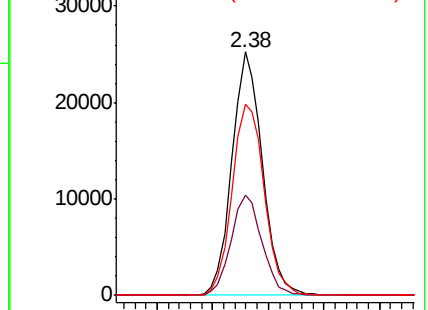
101 100

85 42.1 34.2 51.4

151 83.0 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: 17.475 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX004652.D

Acq: 18 Sep 2018 12:42

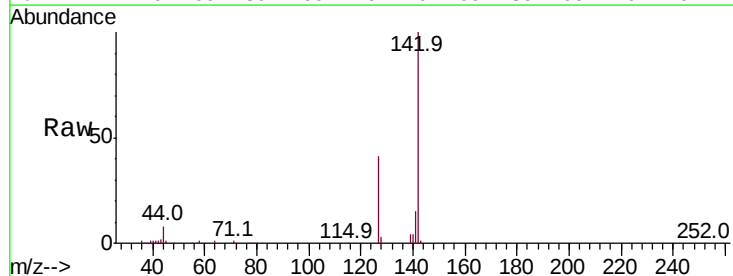
Tgt Ion:142 Resp: 44001

Ion Ratio Lower Upper

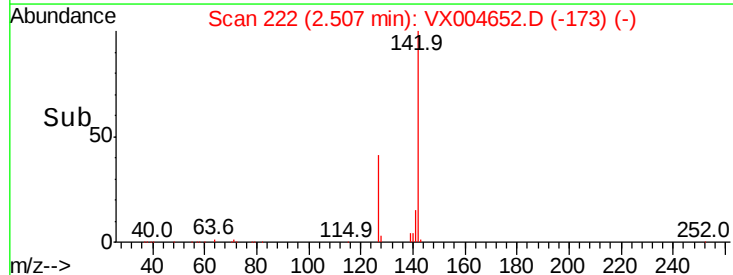
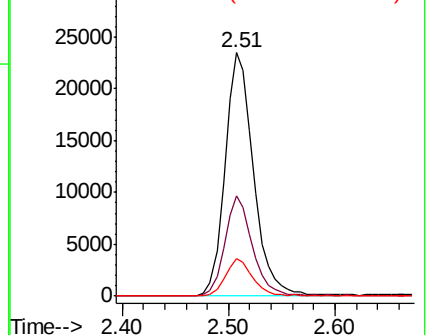
142 100

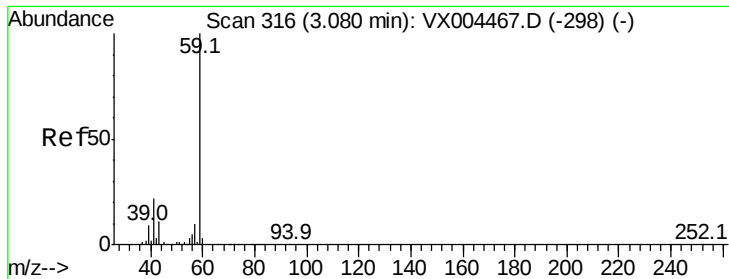
127 40.0 33.8 50.6

141 14.8 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



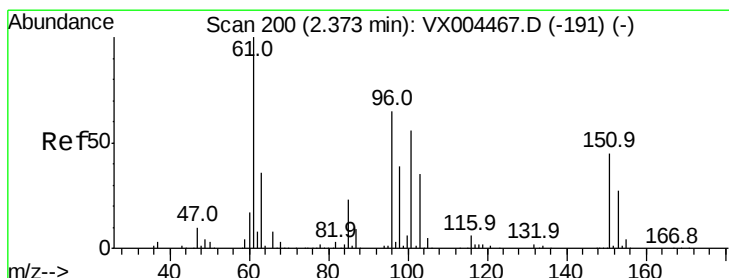
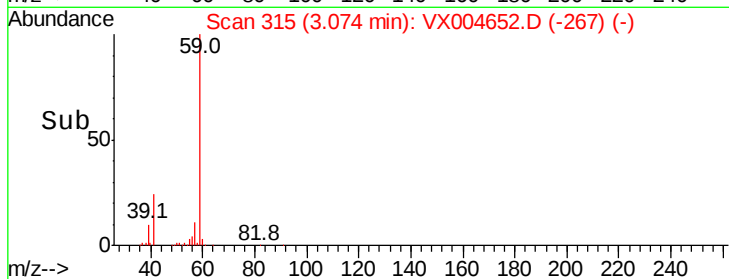
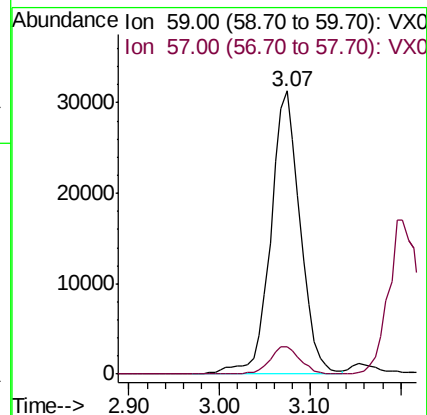
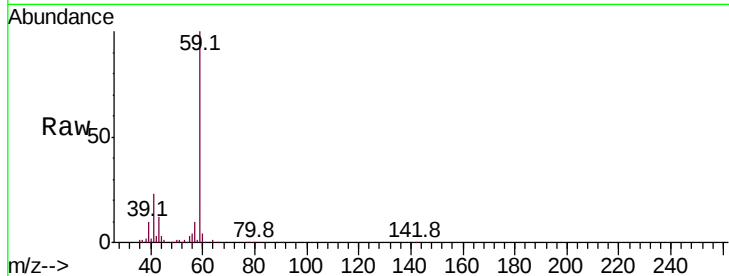


#11

Tert butyl alcohol
Concen: 100.078 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX004652.D
Acq: 18 Sep 2018 12:42

Instrument :
MSVOA_X
ClientSampleId :

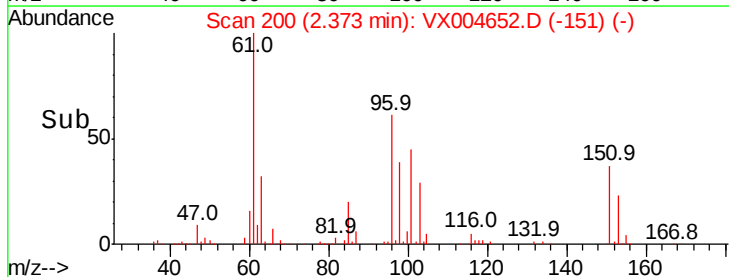
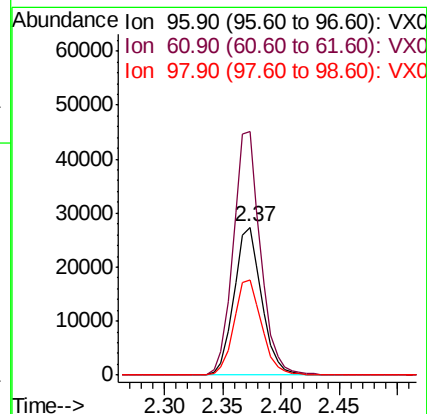
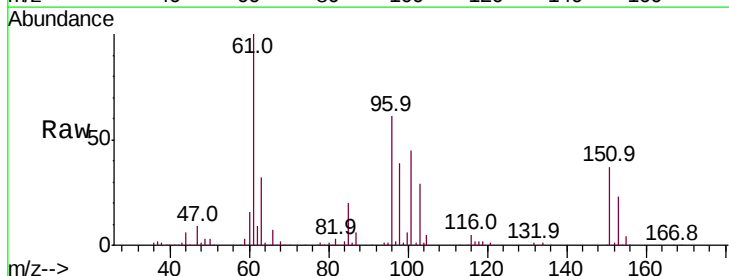
Tot Ion: 59 Resp: 70461
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4

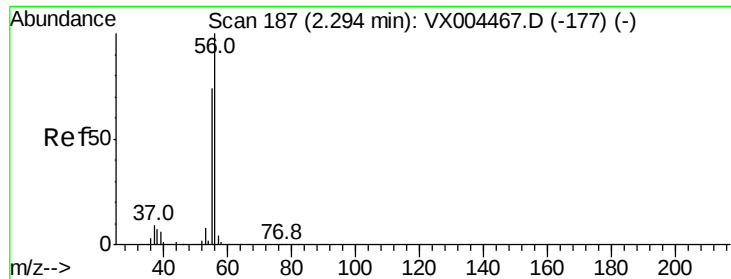


#12

1,1-Dichloroethene
Concen: 18.950 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX004652.D
Acq: 18 Sep 2018 12:42

Tgt Ion: 96 Resp: 45311
Ion Ratio Lower Upper
96 100
61 164.9 128.8 193.2
98 64.7 52.2 78.2





#13

Acrolein

Concen: 55.306 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004652.D

Acq: 18 Sep 2018 12:42

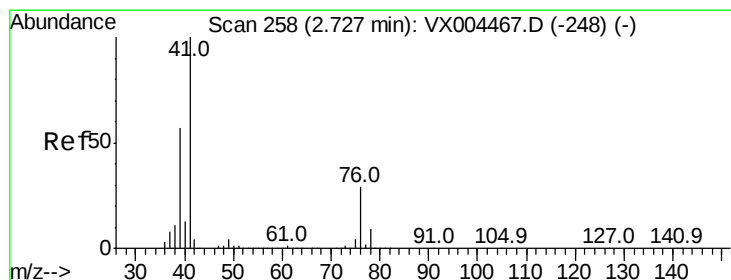
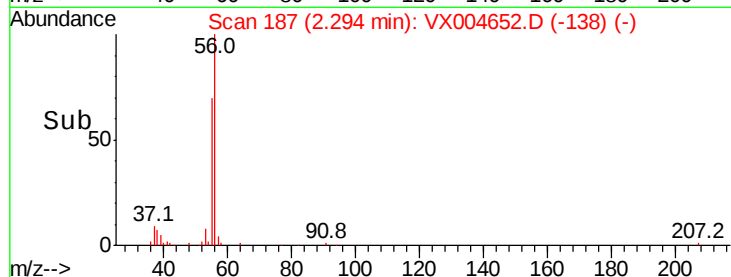
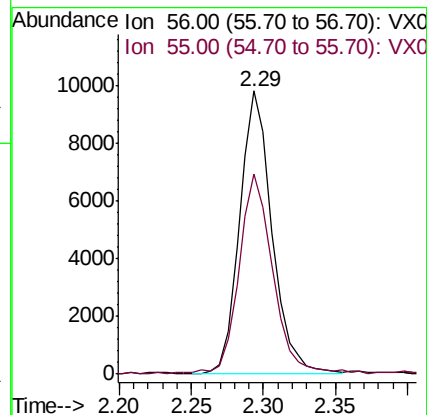
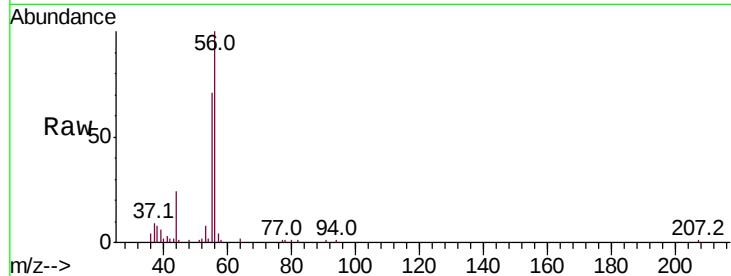
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 15371

Ion Ratio Lower Upper

56 100

55 74.5 54.7 82.1



#14

Allyl chloride

Concen: 19.321 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX004652.D

Acq: 18 Sep 2018 12:42

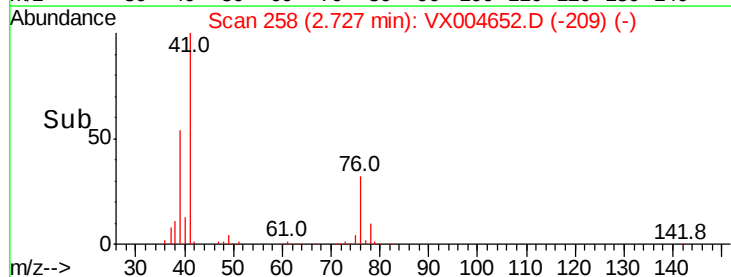
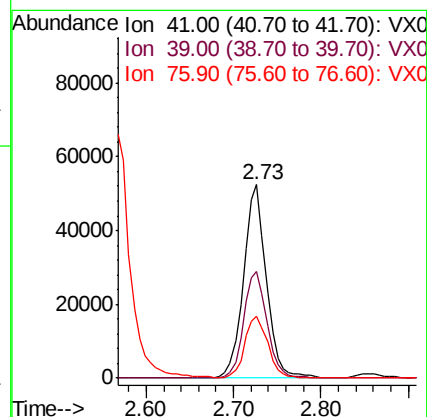
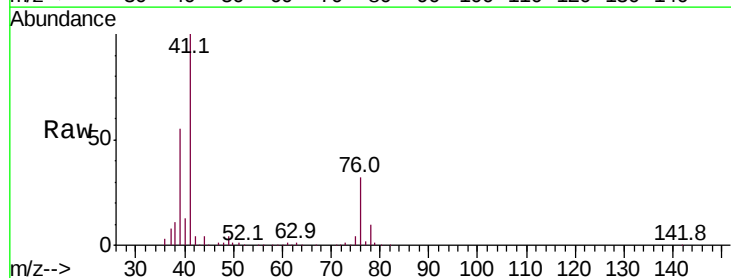
Tgt Ion: 41 Resp: 94975

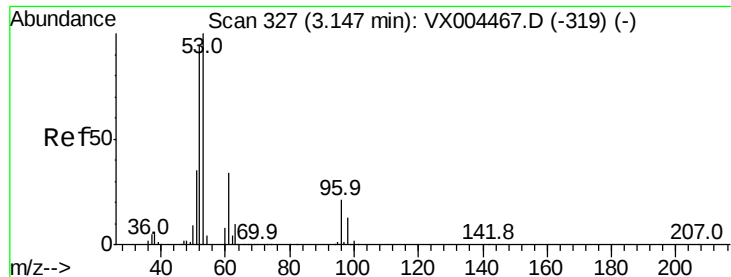
Ion Ratio Lower Upper

41 100

39 55.8 48.9 73.3

76 32.6 26.7 40.1





#15

Acrylonitrile

Concen: 94.862 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX004652.D

Acq: 18 Sep 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

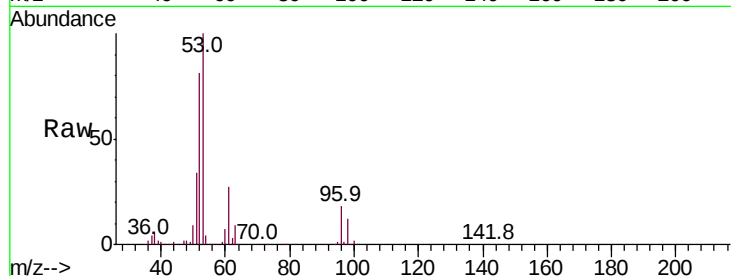
Tot Ion: 53 Resp: 160836

Ion Ratio Lower Upper

53 100

52 84.4 65.2 97.8

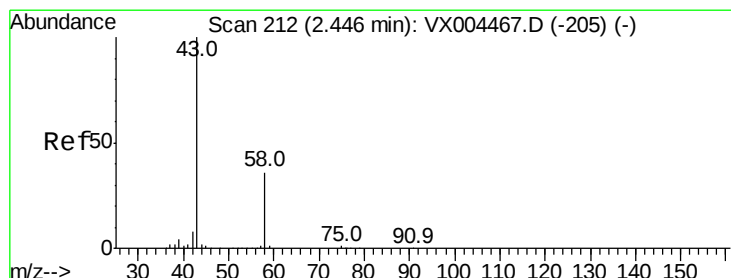
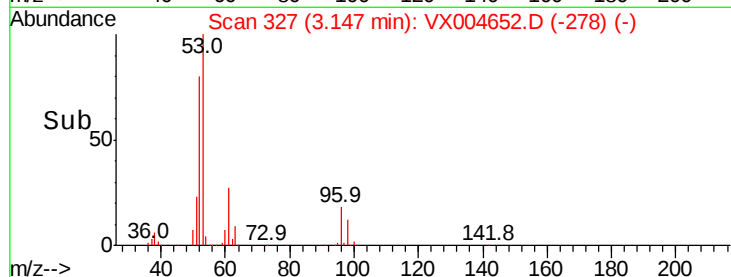
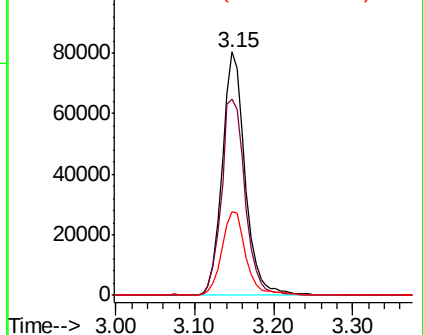
51 36.0 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 90.557 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004652.D

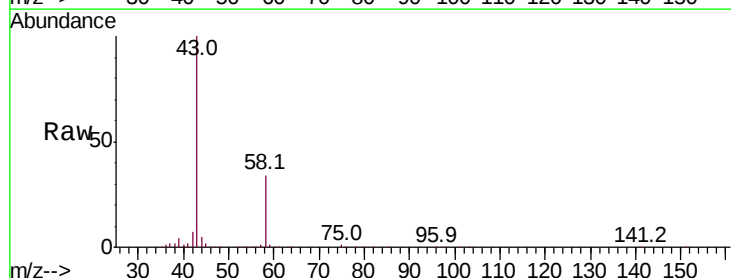
Acq: 18 Sep 2018 12:42

Tgt Ion: 43 Resp: 130414

Ion Ratio Lower Upper

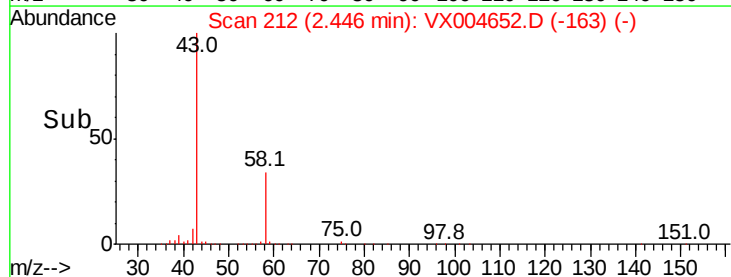
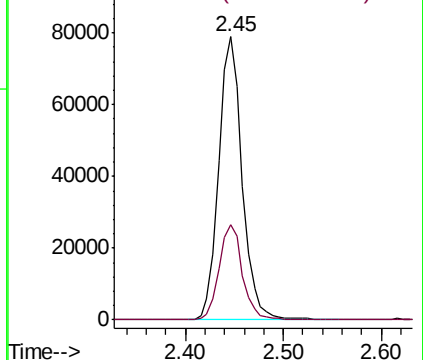
43 100

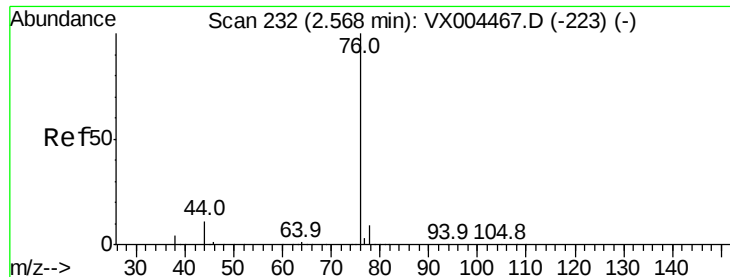
58 33.6 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 18.264 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX004652.D

Acq: 18 Sep 2018 12:42

Instrument :

MSVOA_X

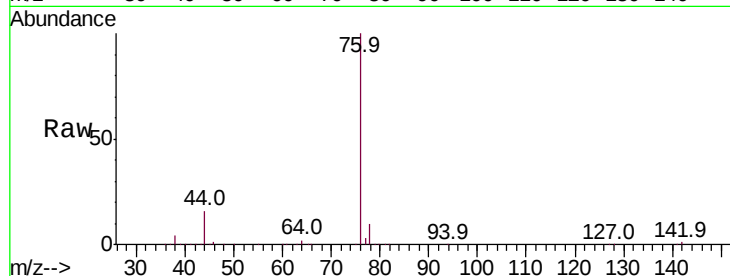
ClientSampleId :

Tot Ion: 76 Resp: 126226

Ion Ratio Lower Upper

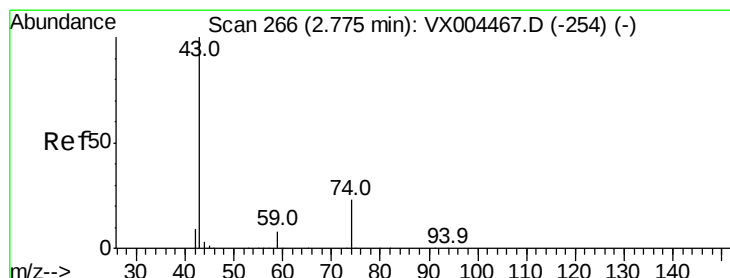
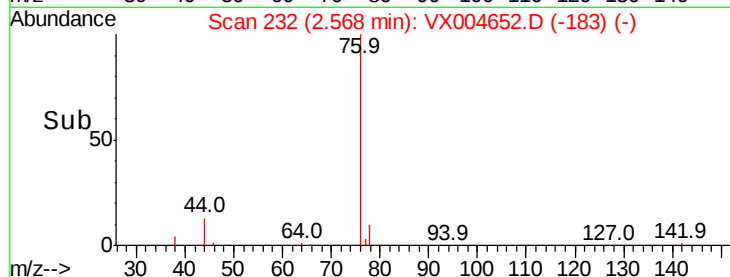
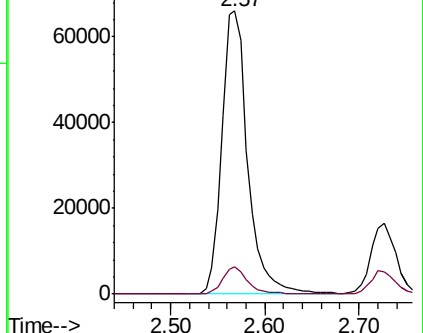
76 100

78 9.4 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.960 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX004652.D

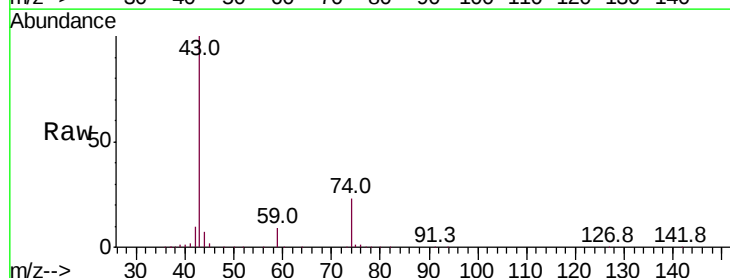
Acq: 18 Sep 2018 12:42

Tgt Ion: 43 Resp: 80648

Ion Ratio Lower Upper

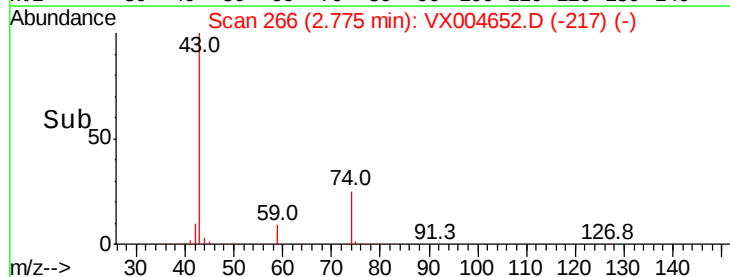
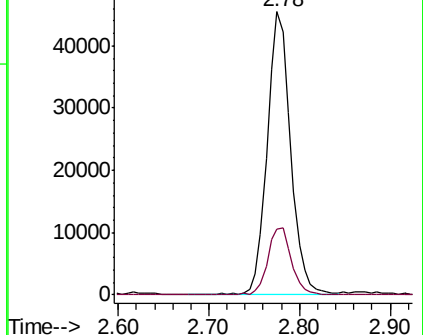
43 100

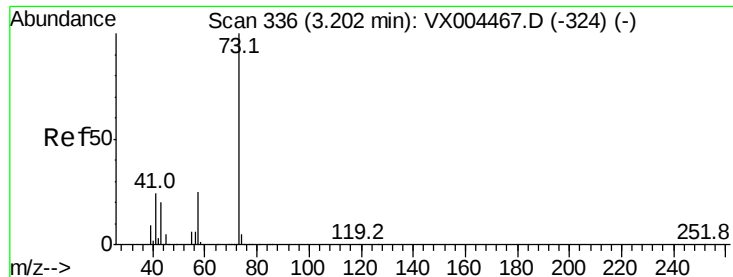
74 24.5 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



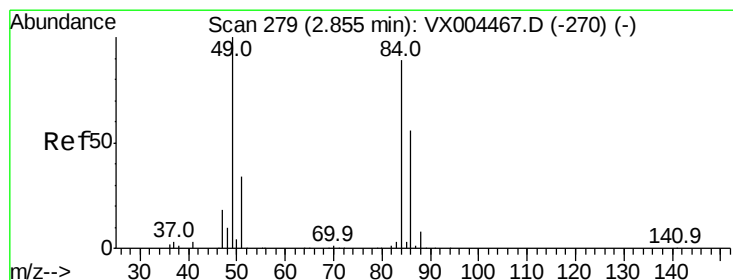
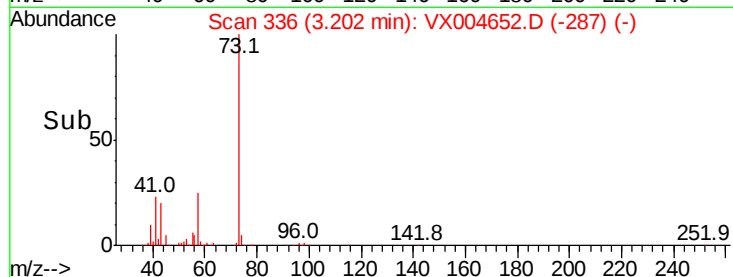
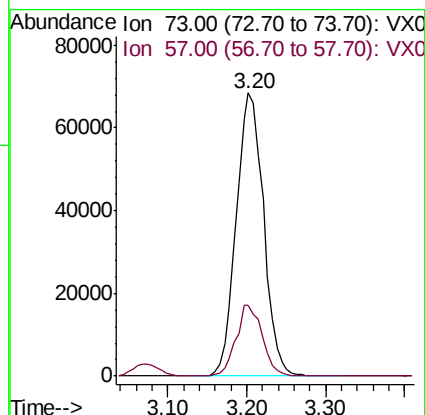
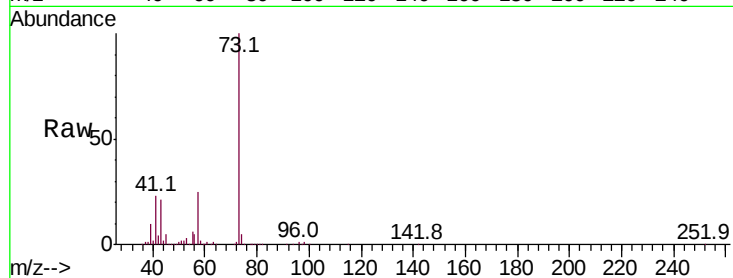


#19

Methyl tert-butyl Ether
 Concen: 19.689 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX004652.D
 Acq: 18 Sep 2018 12:42

Instrument :
 MSVOA_X
 ClientSampleId :

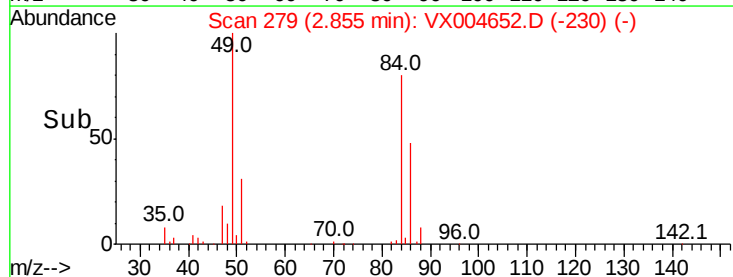
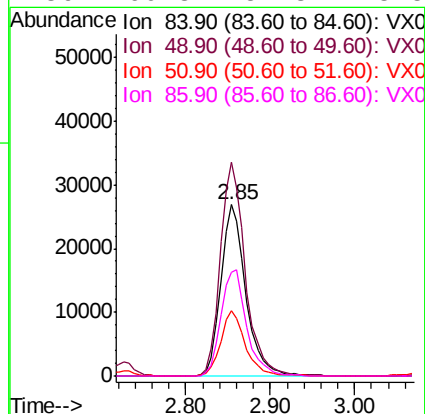
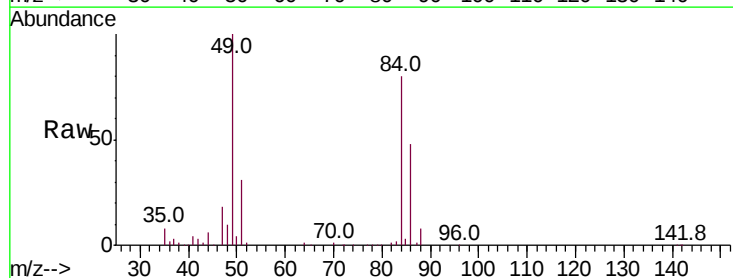
Tot Ion: 73 Resp: 165187
 Ion Ratio Lower Upper
 73 100
 57 25.0 17.1 25.7

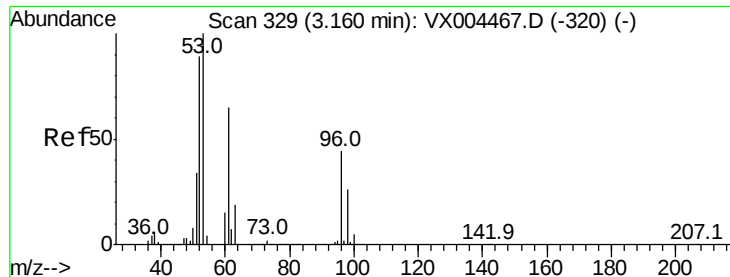


#20

Methylene Chloride
 Concen: 18.540 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX004652.D
 Acq: 18 Sep 2018 12:42

Tgt Ion: 84 Resp: 54772
 Ion Ratio Lower Upper
 84 100
 49 124.7 101.2 151.8
 51 38.2 29.5 44.3
 86 60.3 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 19.129 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004652.D

Acq: 18 Sep 2018 12:42

Instrument :
MSVOA_X
ClientSampleId :

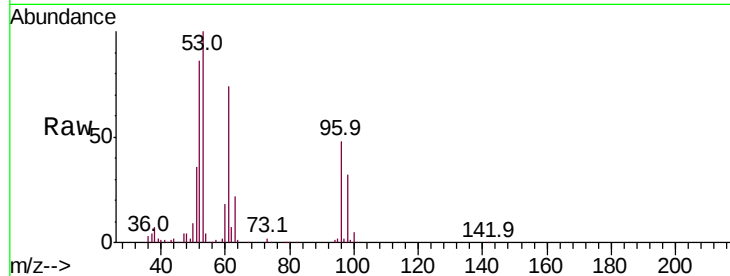
Tot Ion: 96 Resp: 50541

Ion Ratio Lower Upper

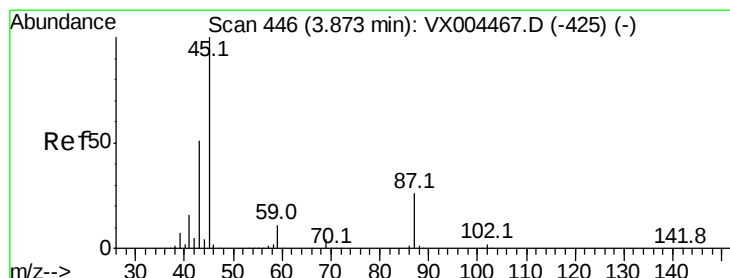
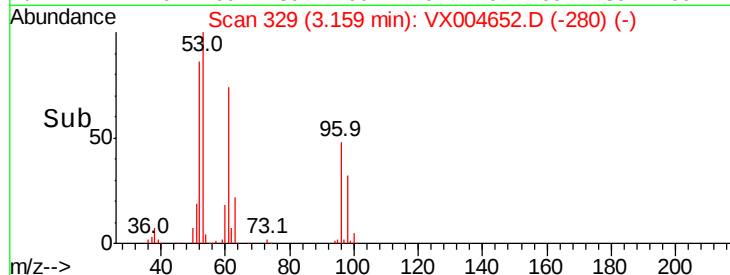
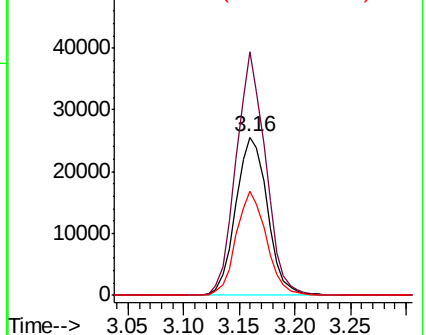
96 100

61 153.9 113.8 170.6

98 66.0 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: 20.371 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX004652.D

Acq: 18 Sep 2018 12:42

Tgt Ion: 45 Resp: 180354

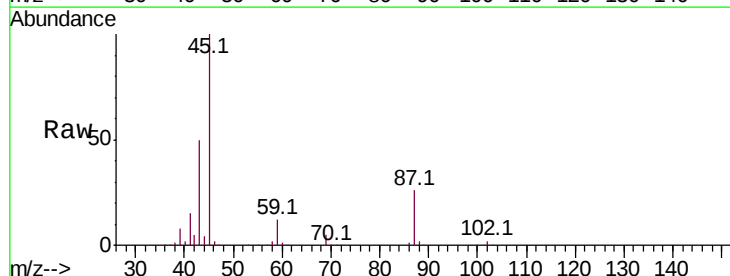
Ion Ratio Lower Upper

45 100

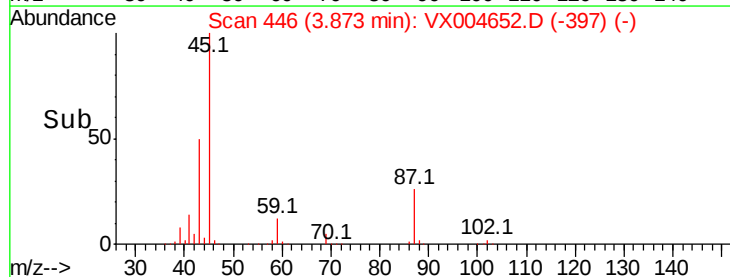
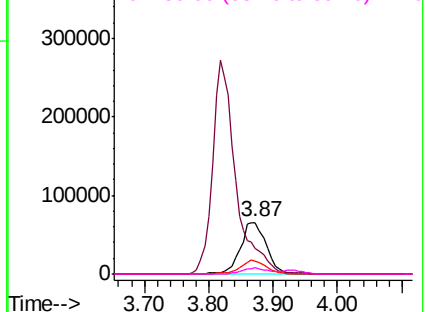
43 49.9 42.8 64.2

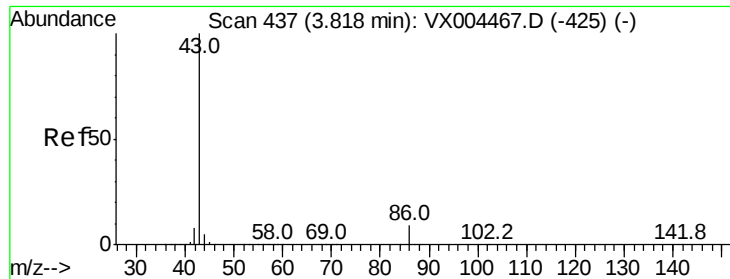
87 26.0 22.6 34.0

59 11.7 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: 96.373 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX004652.D

Acq: 18 Sep 2018 12:42

Instrument :

MSVOA_X

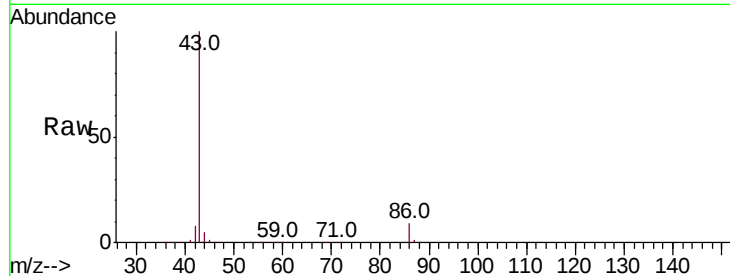
ClientSampleId :

Tot Ion: 43 Resp: 690483

Ion Ratio Lower Upper

43 100

86 9.1 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

300000

250000

200000

150000

100000

50000

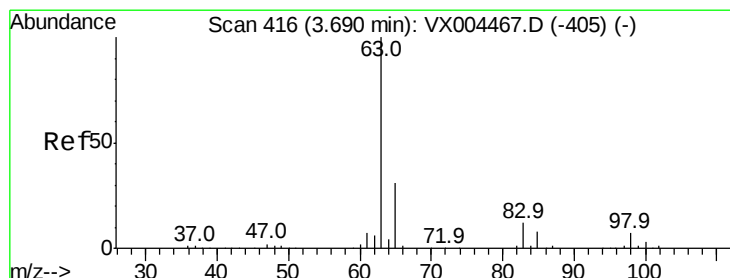
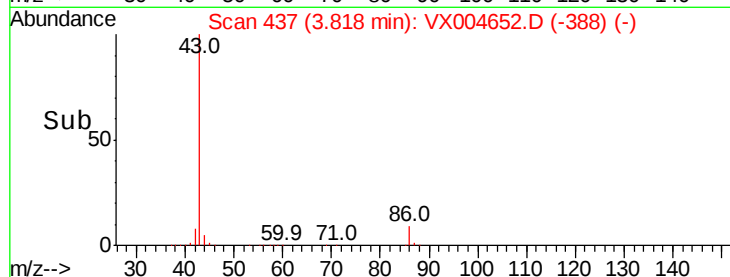
0

Time-->

3.60

3.80

4.00



#24

1,1-Dichloroethane

Concen: 18.904 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX004652.D

Acq: 18 Sep 2018 12:42

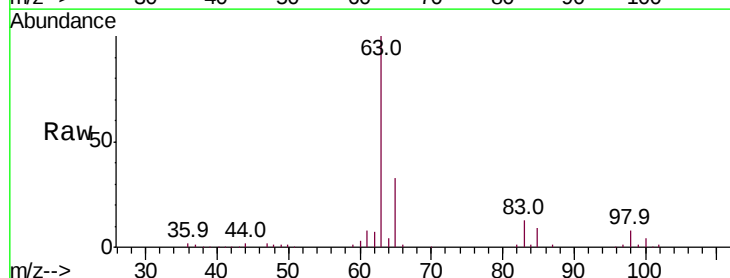
Tgt Ion: 63 Resp: 94491

Ion Ratio Lower Upper

63 100

98 7.9 3.5 10.4

100 4.3 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

50000

40000

30000

20000

10000

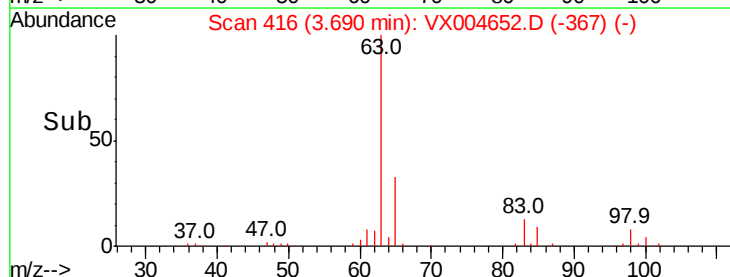
0

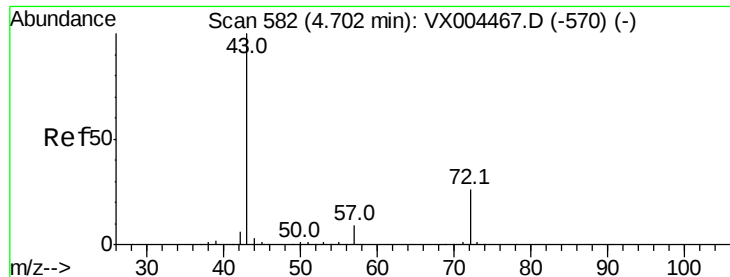
Time-->

3.60

3.70

3.80





#25

2-Butanone

Concen: 88.239 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX004652.D

Acq: 18 Sep 2018 12:42

Instrument :

MSVOA_X

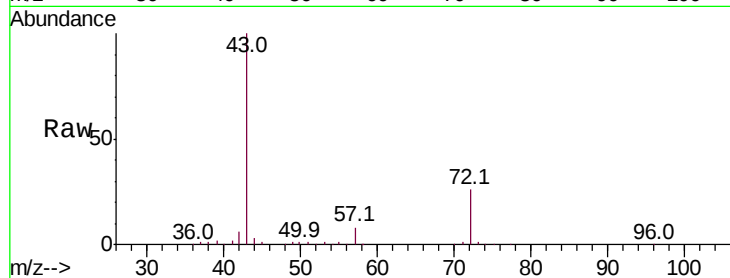
ClientSampleId :

Tot Ion: 43 Resp: 202242

Ion Ratio Lower Upper

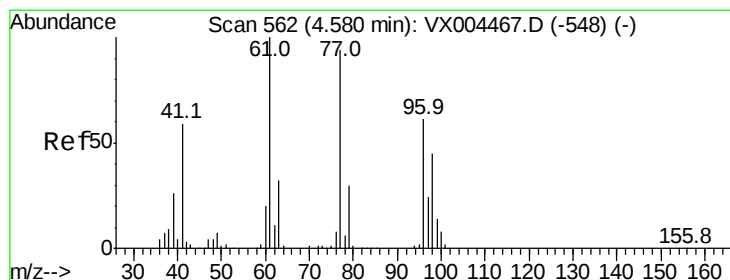
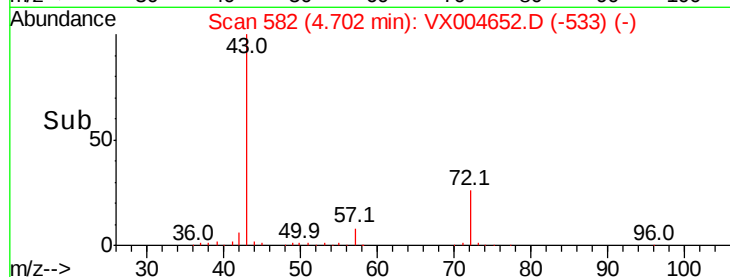
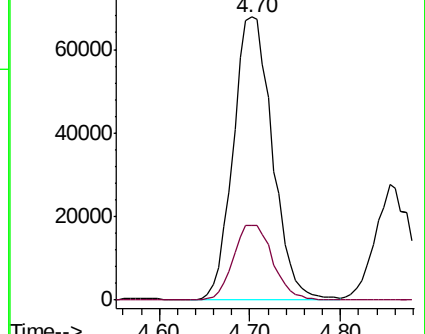
43 100

72 26.2 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: 20.533 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX004652.D

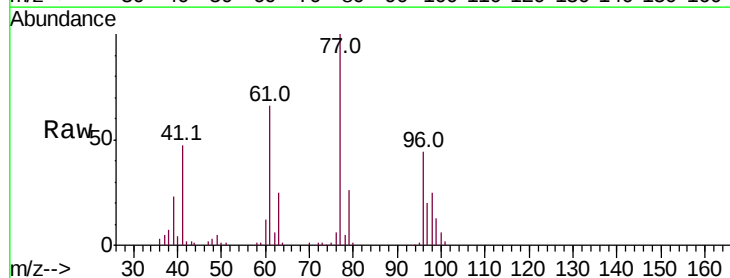
Acq: 18 Sep 2018 12:42

Tgt Ion: 77 Resp: 70495

Ion Ratio Lower Upper

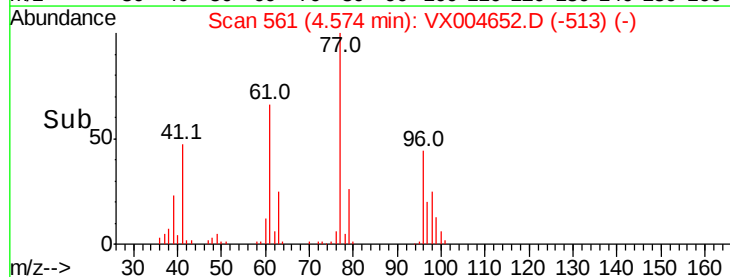
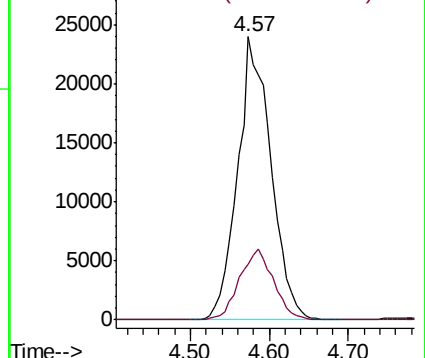
77 100

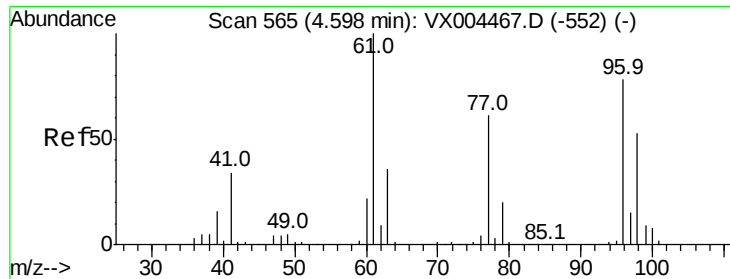
97 25.3 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



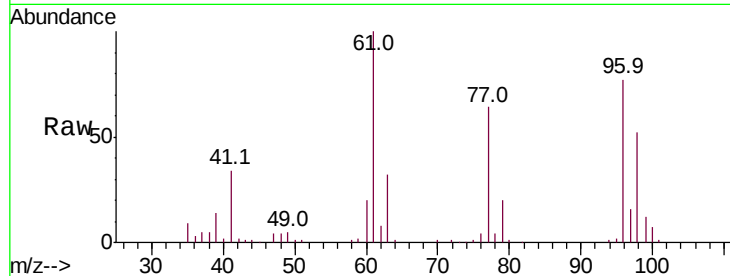


#27

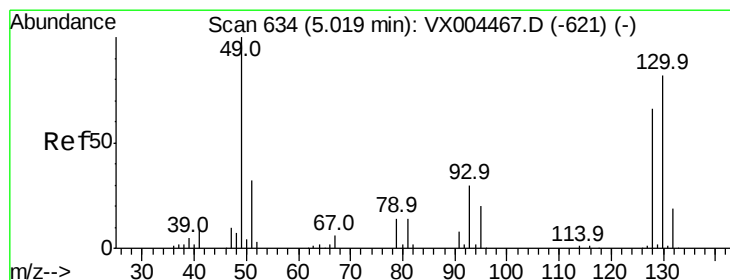
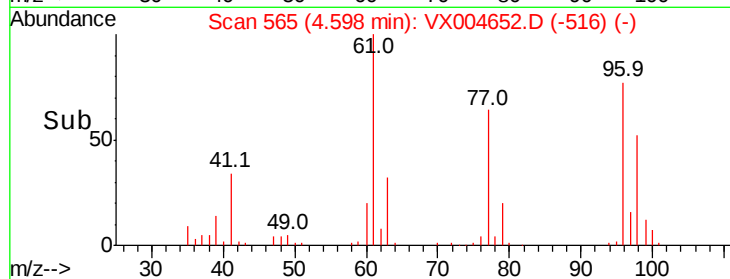
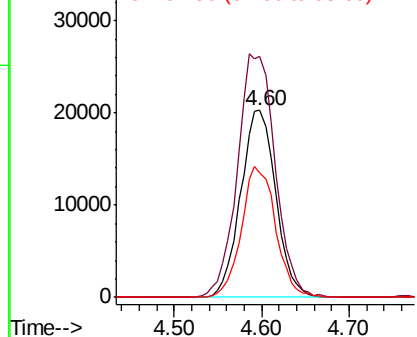
cis-1,2-Dichloroethene
Concen: 19.293 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX004652.D
Acq: 18 Sep 2018 12:42

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	96	Resp	56903
Ion	Ratio	Lower	Upper
96	100		
61	140.0	0.0	282.6
98	68.1	0.0	130.2



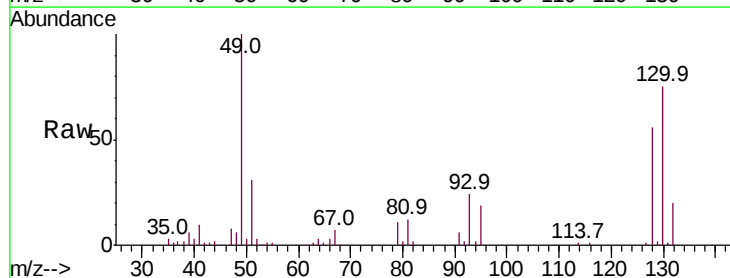
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



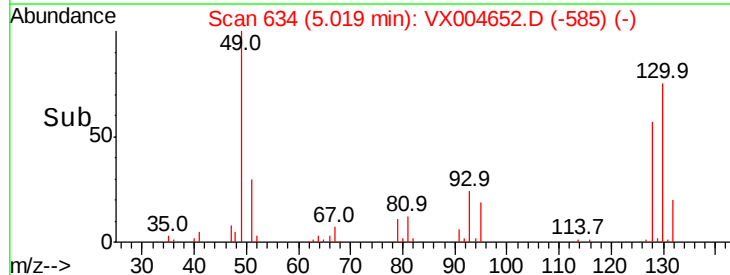
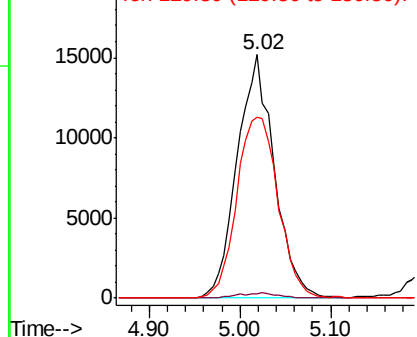
#28

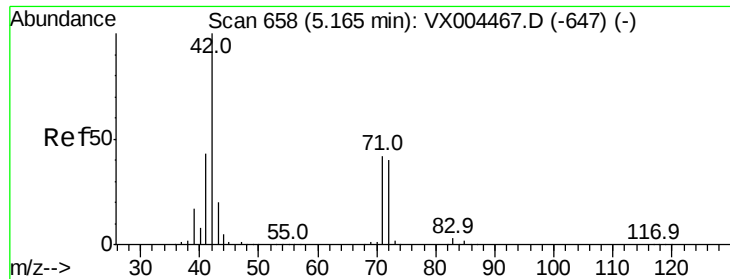
Bromochloromethane
Concen: 18.840 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX004652.D
Acq: 18 Sep 2018 12:42

Tgt Ion	49	Resp	43075
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	82.7	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: 98.937 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX004652.D

Acq: 18 Sep 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

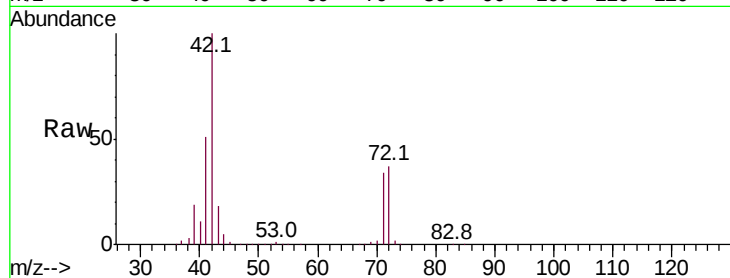
Tot Ion: 42 Resp: 136751

Ion Ratio Lower Upper

42 100

72 44.0 37.4 56.0

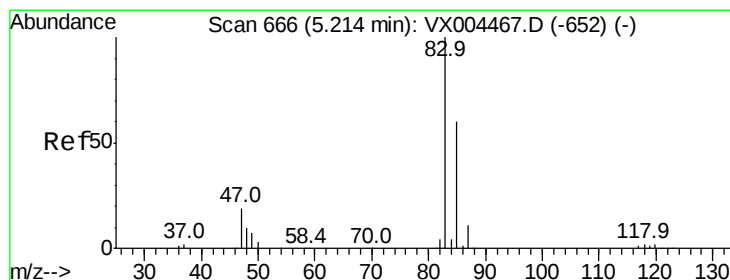
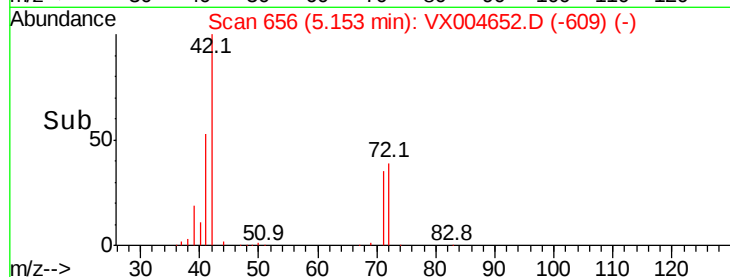
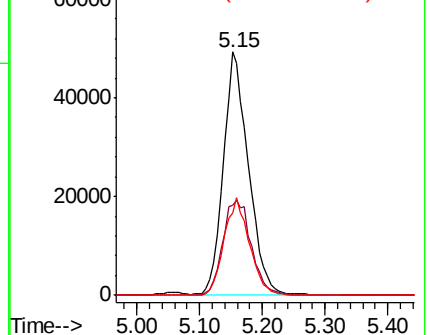
71 40.4 34.5 51.7



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.062 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX004652.D

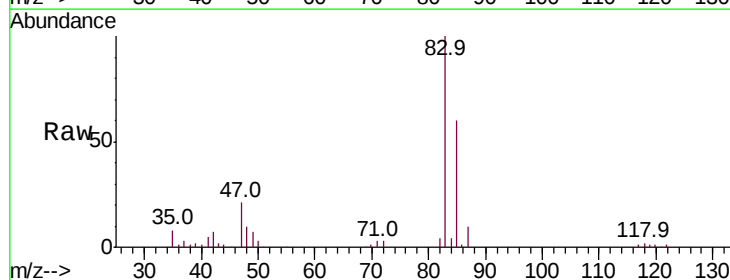
Acq: 18 Sep 2018 12:42

Tgt Ion: 83 Resp: 93026

Ion Ratio Lower Upper

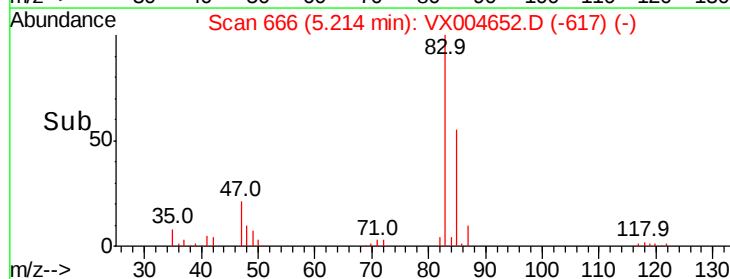
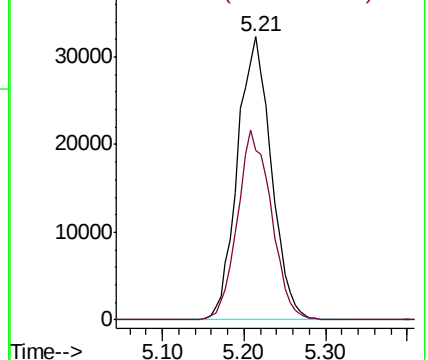
83 100

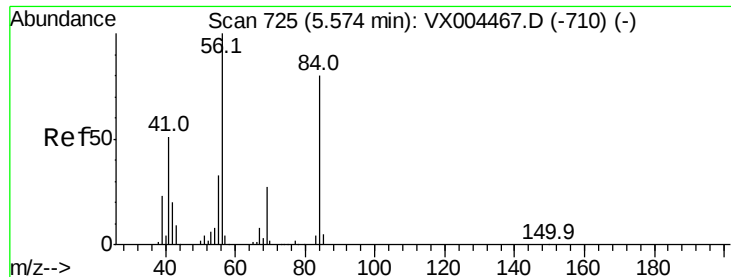
85 59.9 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 18.537 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX004652.D

Acq: 18 Sep 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

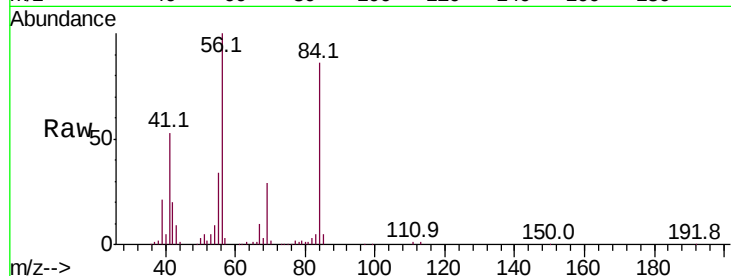
Tot Ion: 56 Resp: 79118

Ion Ratio Lower Upper

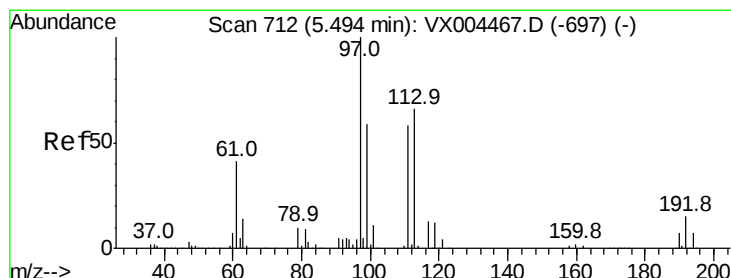
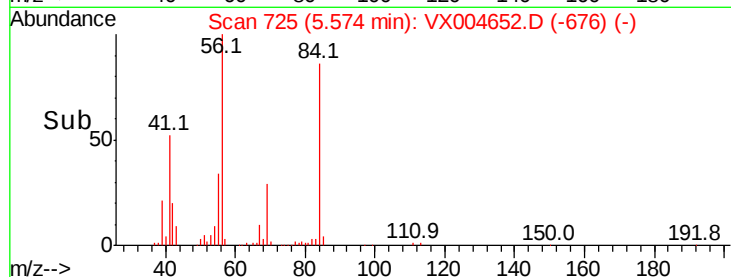
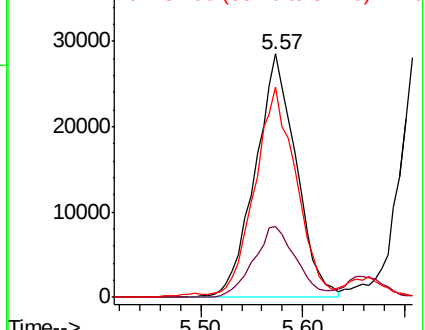
56 100

69 29.0 25.4 38.2

84 85.2 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: 19.249 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX004652.D

Acq: 18 Sep 2018 12:42

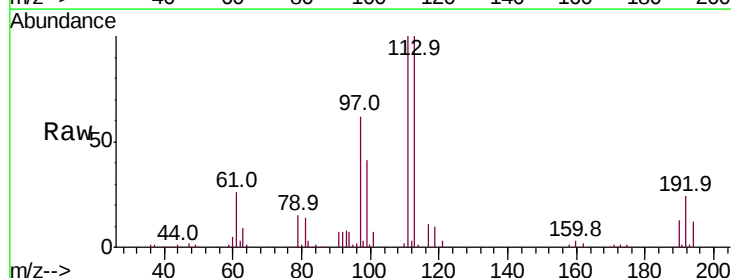
Tgt Ion: 97 Resp: 75655

Ion Ratio Lower Upper

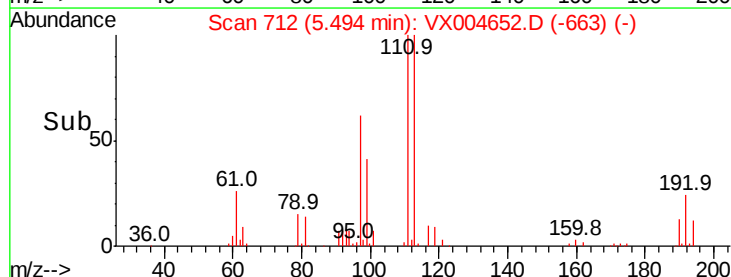
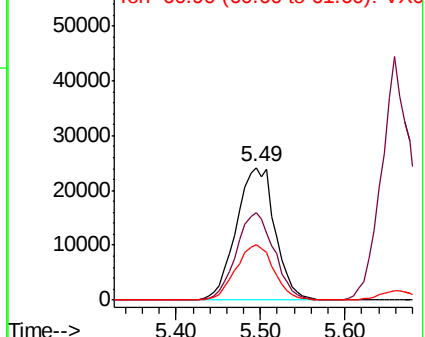
97 100

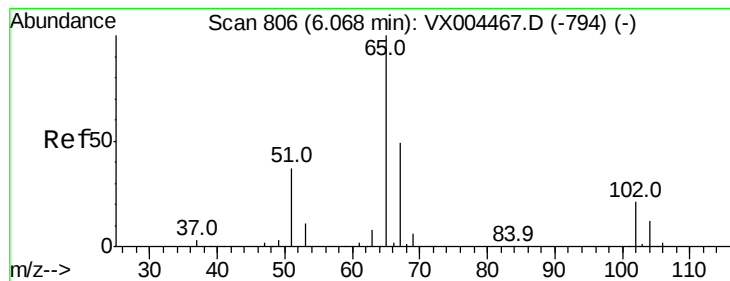
99 64.3 52.0 78.0

61 41.1 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: 45.394 ug/l

RT: 6.07 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX004652.D

Acq: 18 Sep 2018 12:42

Instrument :

MSVOA_X

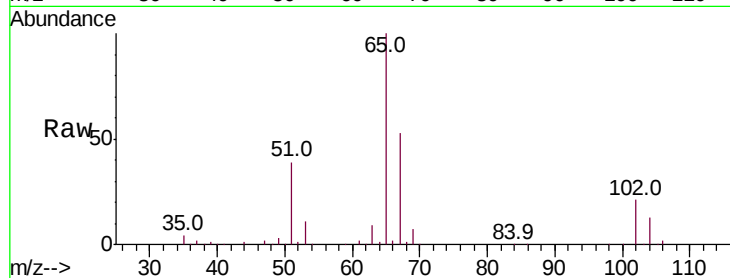
ClientSampled :

Tot Ion: 65 Resp: 133939

Ion Ratio Lower Upper

65 100

67 55.9 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

50000

40000

30000

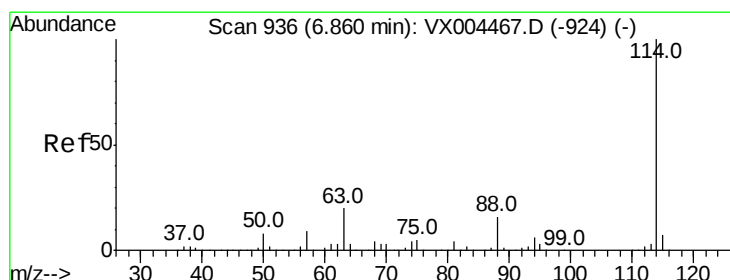
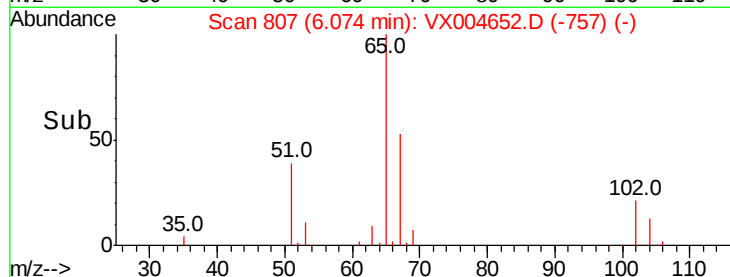
20000

10000

0

6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX004652.D

Acq: 18 Sep 2018 12:42

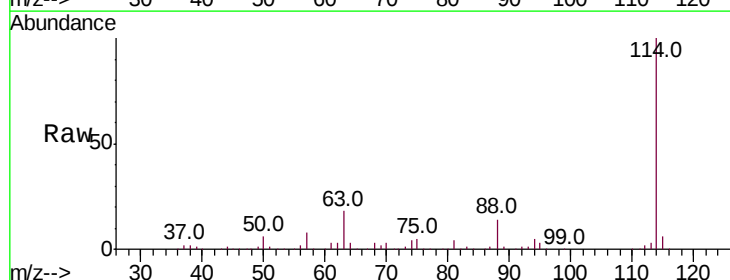
Tgt Ion:114 Resp: 349837

Ion Ratio Lower Upper

114 100

63 17.7 0.0 39.0

88 14.4 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

200000

150000

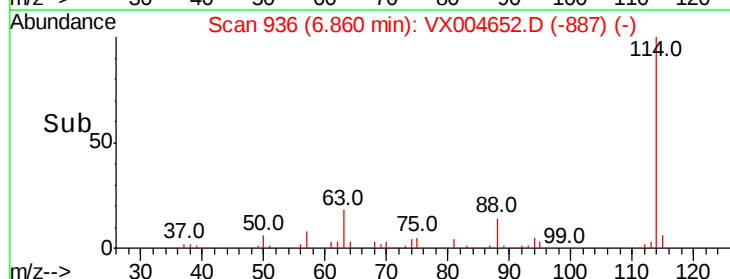
100000

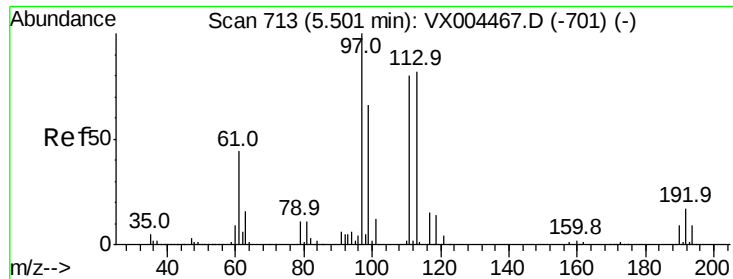
50000

0

6.70 6.80 6.90 7.00 7.10

Time-->

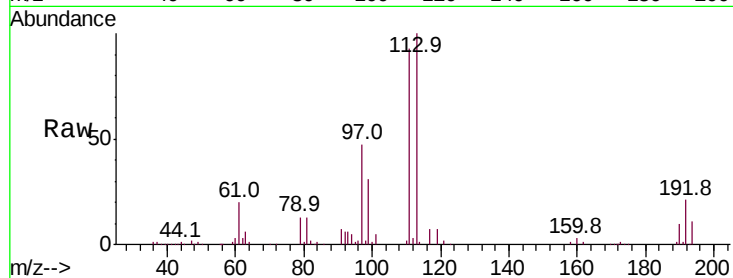




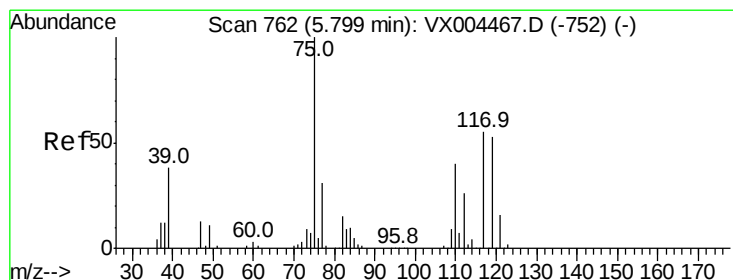
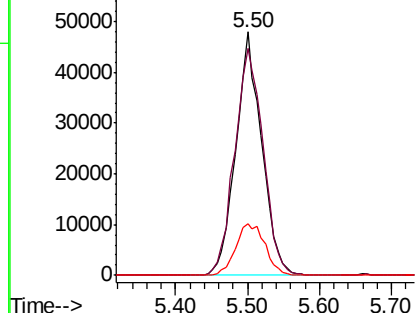
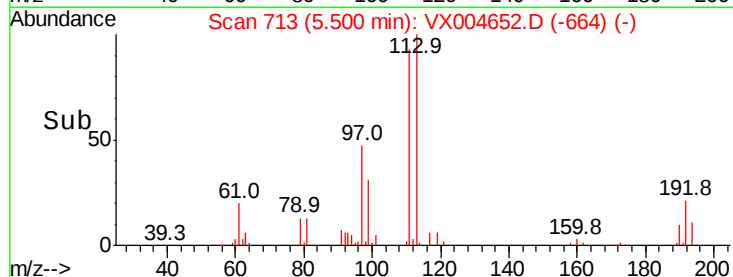
#35
 Dibromofluoromethane
 Concen: 37.377 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004652.D
 Acq: 18 Sep 2018 12:42

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:113 Resp: 119655
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.4 123.6
 192 24.1 19.4 29.2

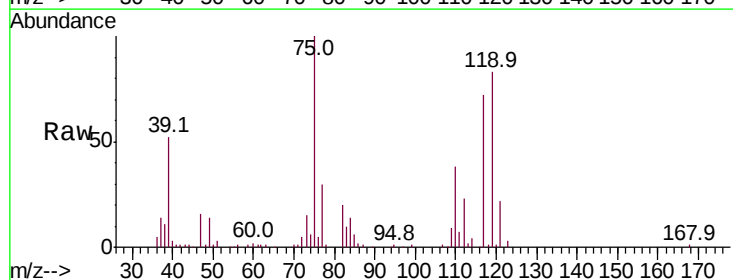


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

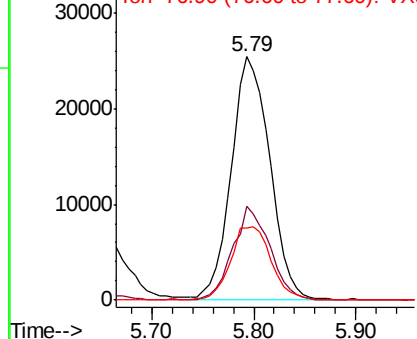
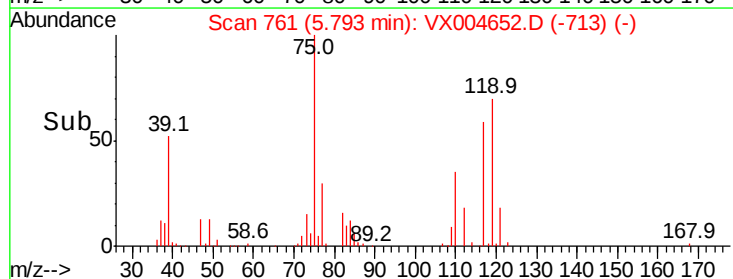


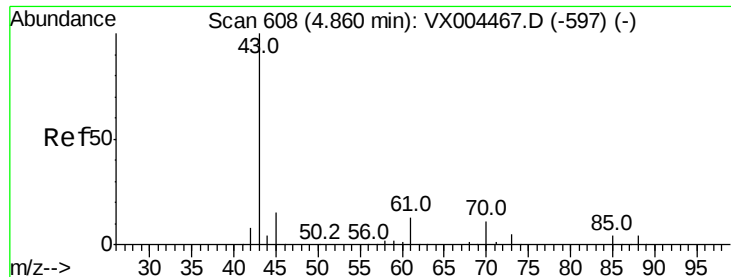
#36
 1,1-Dichloropropene
 Concen: 15.628 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX004652.D
 Acq: 18 Sep 2018 12:42

Tgt Ion: 75 Resp: 66377
 Ion Ratio Lower Upper
 75 100
 110 37.1 18.0 54.0
 77 32.0 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

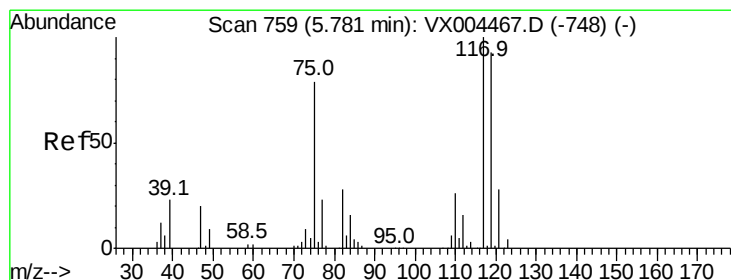
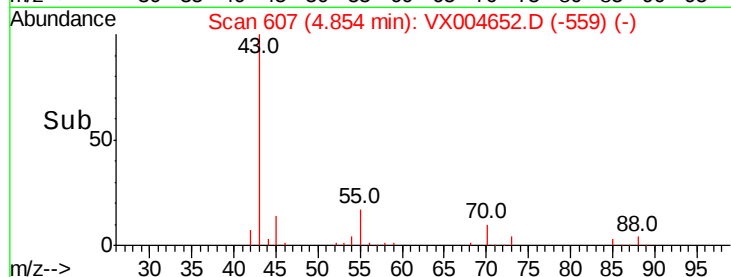
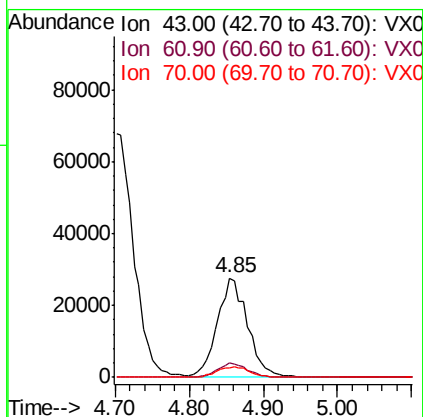
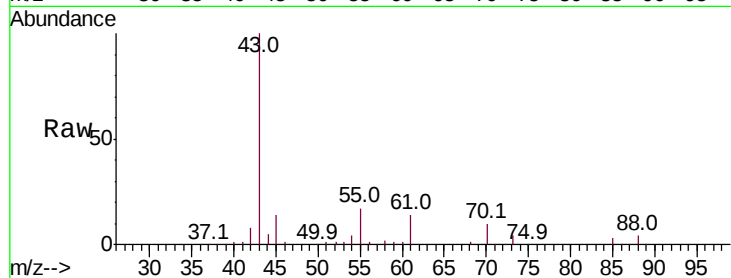




#37
Ethyl Acetate
Concen: 16.012 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX004652.D
Acq: 18 Sep 2018 12:42

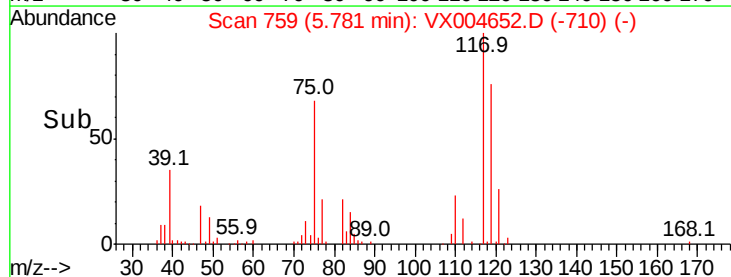
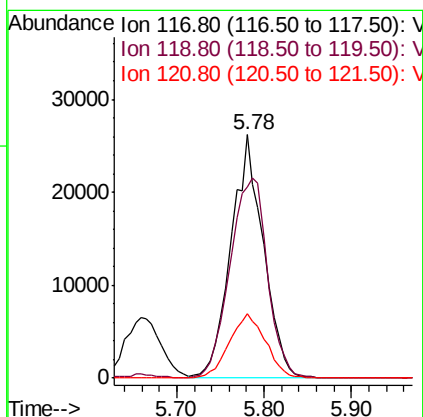
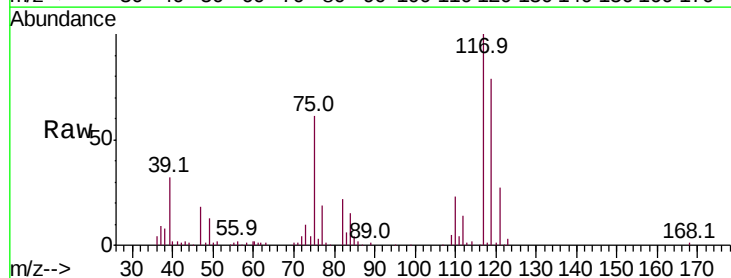
Instrument :
MSVOA_X
ClientSampleId :

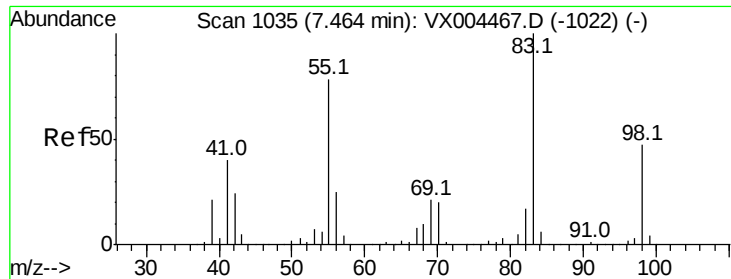
Tot Ion: 43 Resp: 77346
Ion Ratio Lower Upper
43 100
61 14.7 11.5 17.3
70 11.3 9.0 13.6



#38
Carbon Tetrachloride
Concen: 16.246 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004652.D
Acq: 18 Sep 2018 12:42

Tgt Ion: 117 Resp: 67395
Ion Ratio Lower Upper
117 100
119 78.7 78.8 118.2#
121 26.7 24.9 37.3

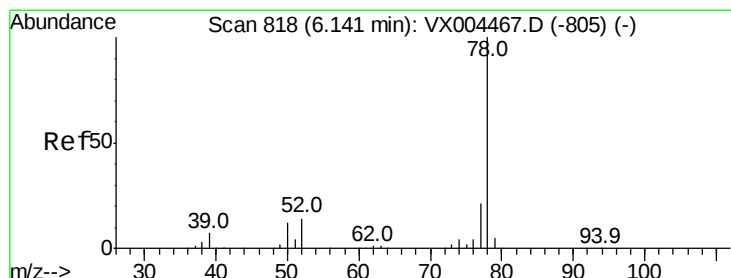
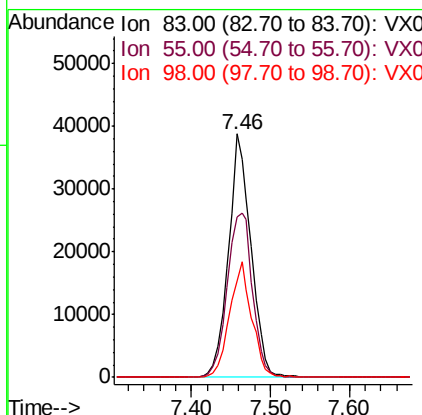
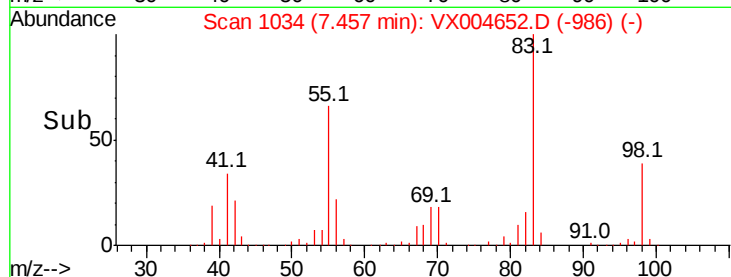
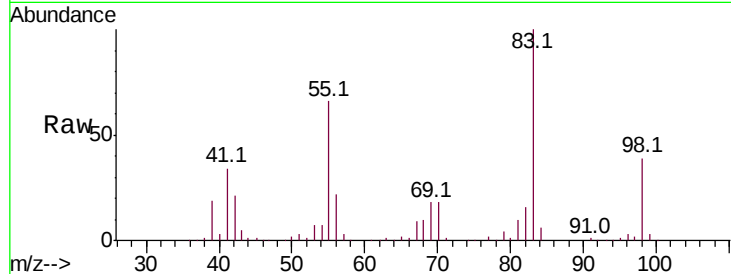




#39
Methvlcvclohexane
Concen: 17.349 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX004652.D
Acq: 18 Sep 2018 12:42

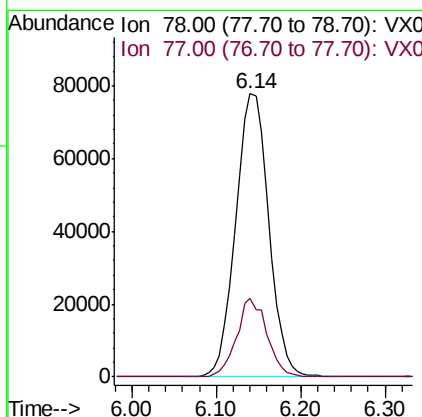
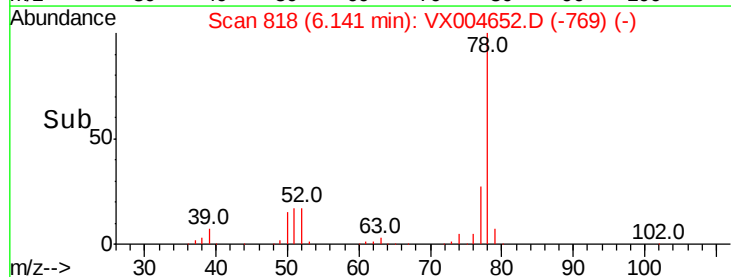
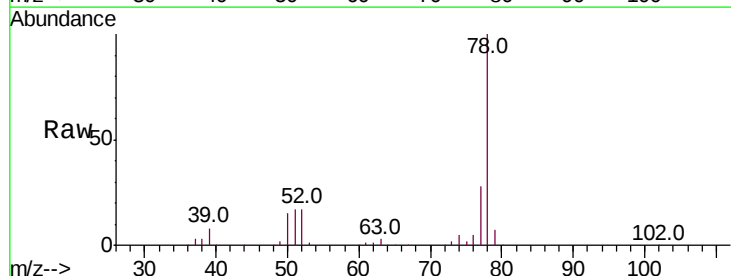
Instrument :
MSVOA_X
ClientSampleId :

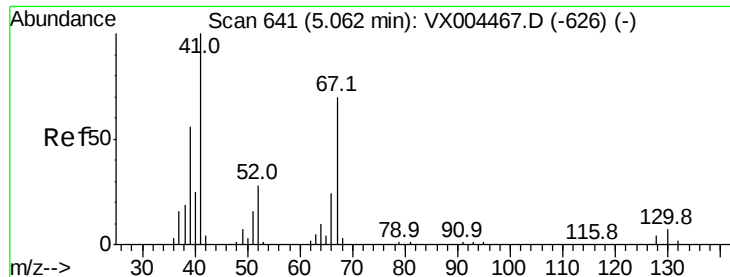
Tot Ion: 83 Resp: 76891
Ion Ratio Lower Upper
83 100
55 65.7 61.0 91.4
98 39.4 39.6 59.4#



#40
Benzene
Concen: 16.387 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004652.D
Acq: 18 Sep 2018 12:42

Tgt Ion: 78 Resp: 206506
Ion Ratio Lower Upper
78 100
77 27.6 19.0 28.4





#41

Methacrylonitrile

Concen: 16.433 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX004652.D

Acq: 18 Sep 2018 12:42

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 43736

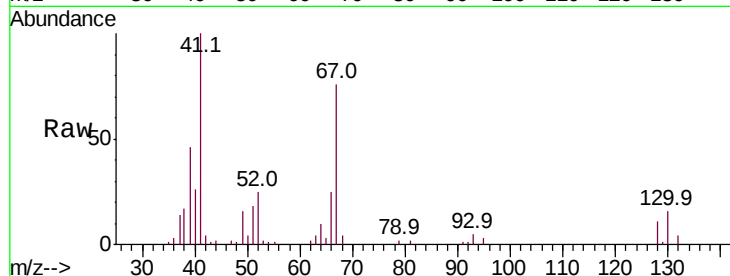
Ion Ratio Lower Upper

41 100

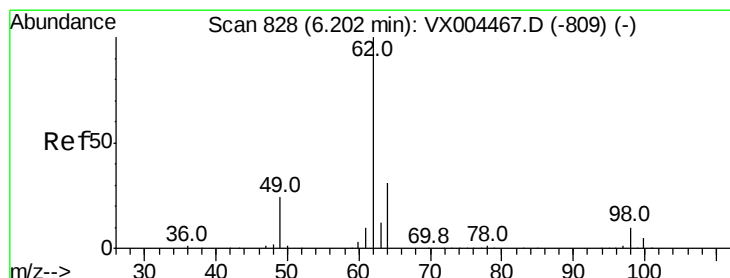
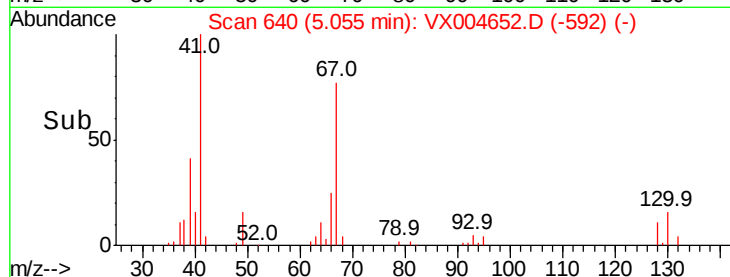
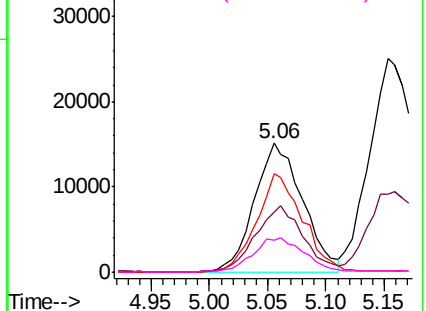
39 51.1 42.4 63.6

67 73.5 59.2 88.8

52 28.8 23.0 34.4



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



#42

1,2-Dichloroethane

Concen: 16.365 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.01 min

Lab File: VX004652.D

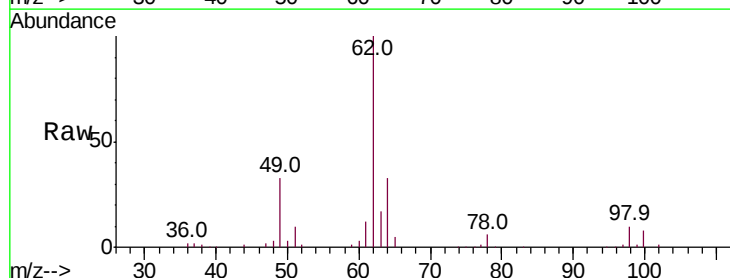
Acq: 18 Sep 2018 12:42

Tgt Ion: 62 Resp: 68398

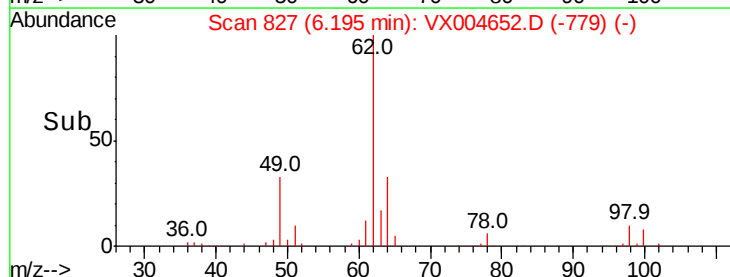
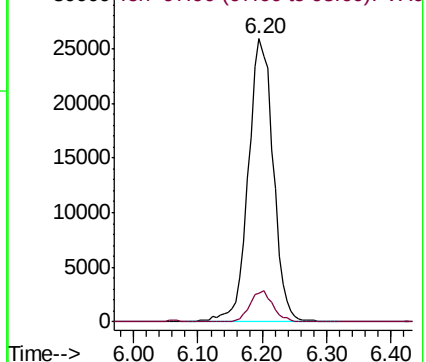
Ion Ratio Lower Upper

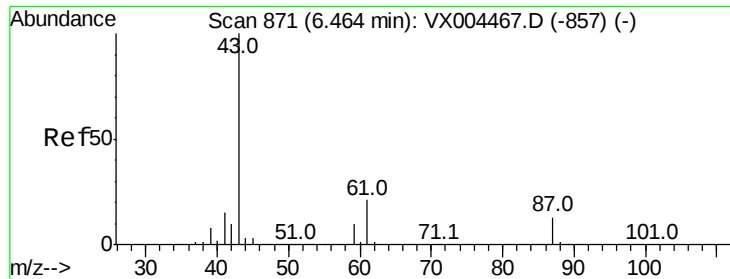
62 100

98 10.2 0.0 20.6



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





#43

Isopropyl Acetate

Concen: 17.891 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX004652.D

Acq: 18 Sep 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

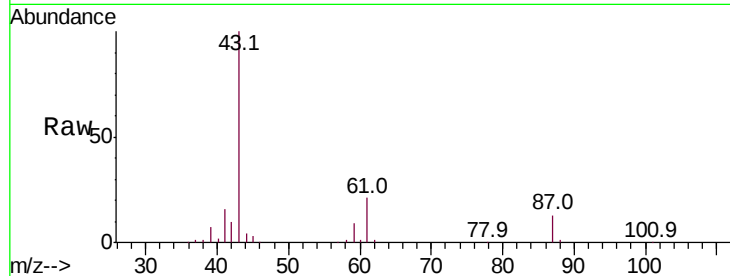
Tot Ion: 43 Resp: 114785

Ion Ratio Lower Upper

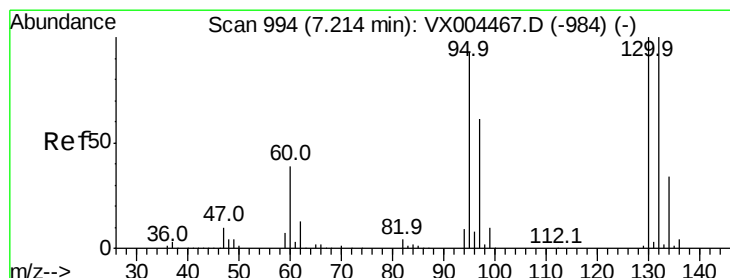
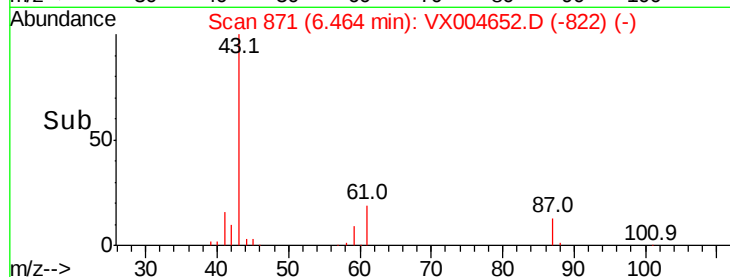
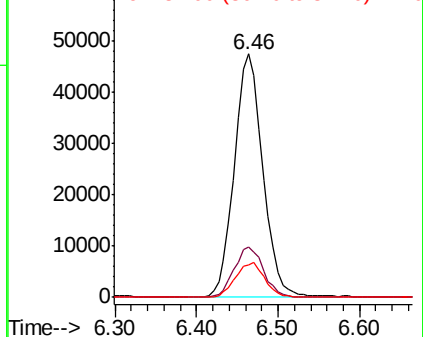
43 100

61 21.3 17.0 25.4

87 14.5 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: 18.309 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX004652.D

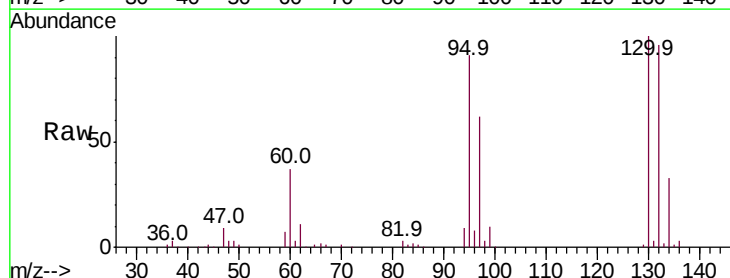
Acq: 18 Sep 2018 12:42

Tgt Ion:130 Resp: 59943

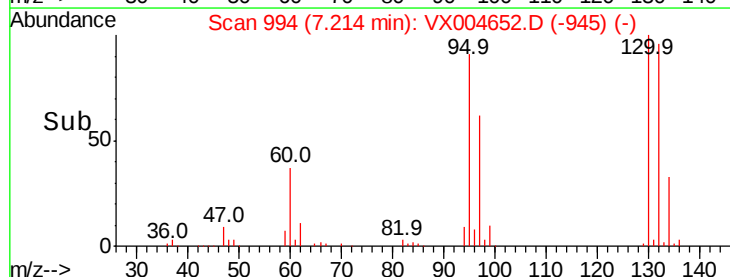
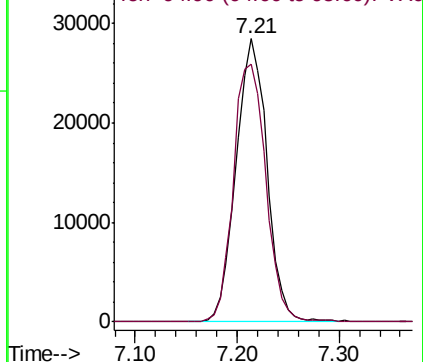
Ion Ratio Lower Upper

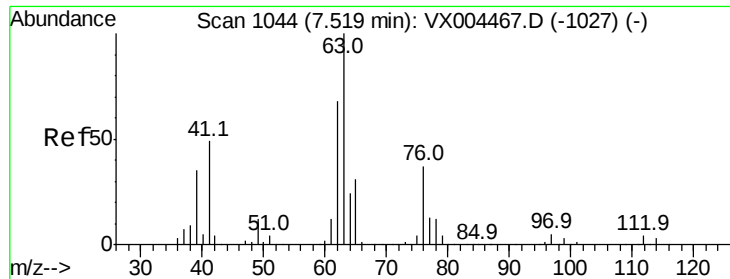
130 100

95 91.3 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: 17.193 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX004652.D

Acq: 18 Sep 2018 12:42

Instrument :

MSVOA_X

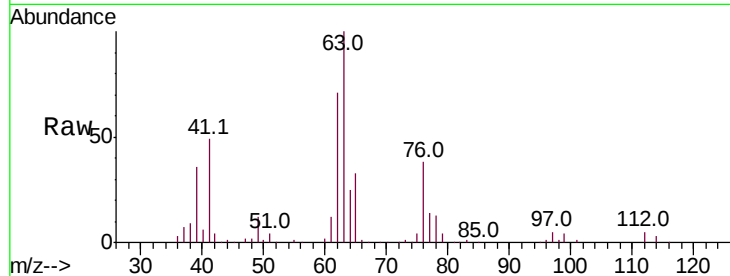
ClientSampled :

Tot Ion: 63 Resp: 52134

Ion Ratio Lower Upper

63 100

65 33.0 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

25000

20000

15000

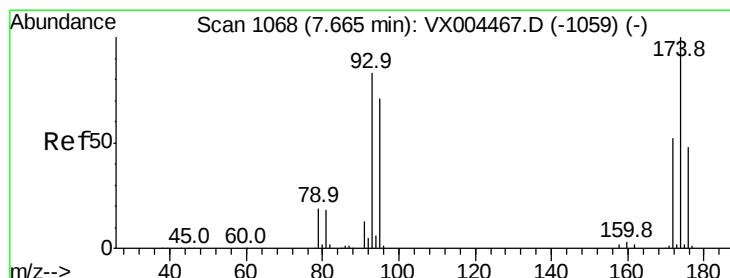
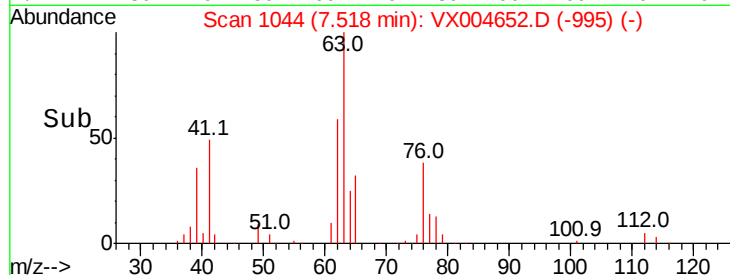
10000

5000

0

7.45 7.50 7.55 7.60

Time-->



#46

Dibromomethane

Concen: 17.340 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX004652.D

Acq: 18 Sep 2018 12:42

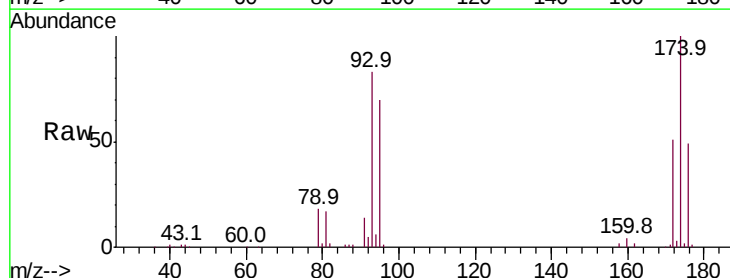
Tgt Ion: 93 Resp: 33217

Ion Ratio Lower Upper

93 100

95 83.7 65.5 98.3

174 120.2 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

25000

20000

15000

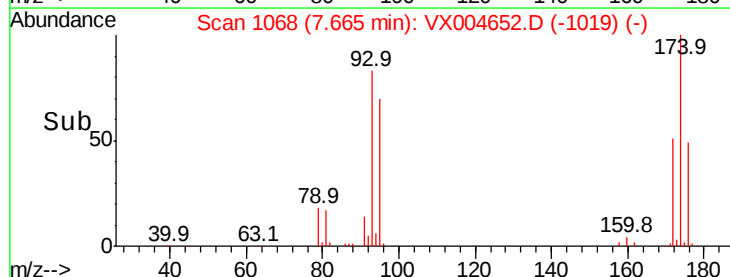
10000

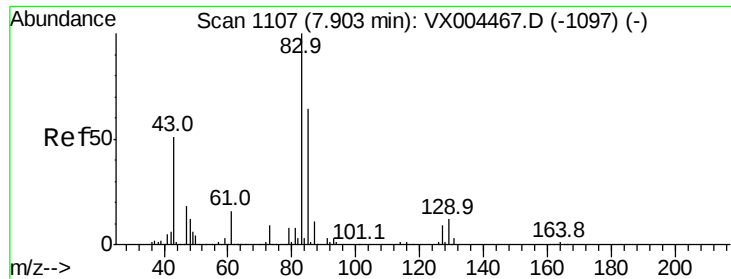
5000

0

7.55 7.60 7.65 7.70 7.75

Time-->





#47

Bromodichloromethane

Concen: 17.043 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX004652.D

Acq: 18 Sep 2018 12:42

Instrument :
MSVOA_X
ClientSampleId :

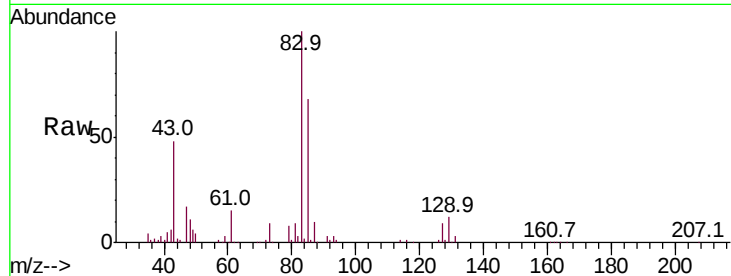
Tot Ion: 83 Resp: 61742

Ion Ratio Lower Upper

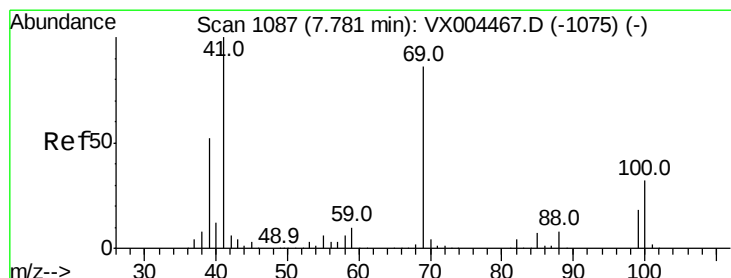
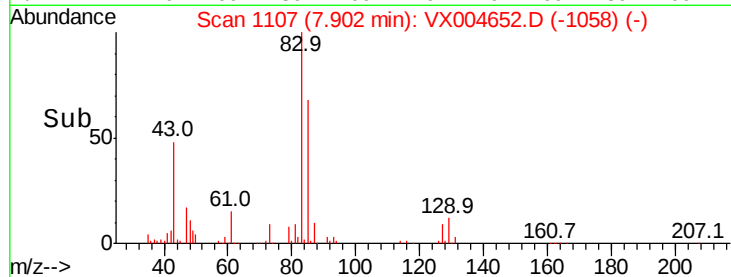
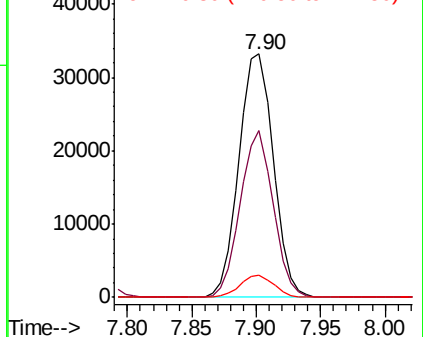
83 100

85 68.4 50.9 76.3

127 9.3 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: 17.216 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX004652.D

Acq: 18 Sep 2018 12:42

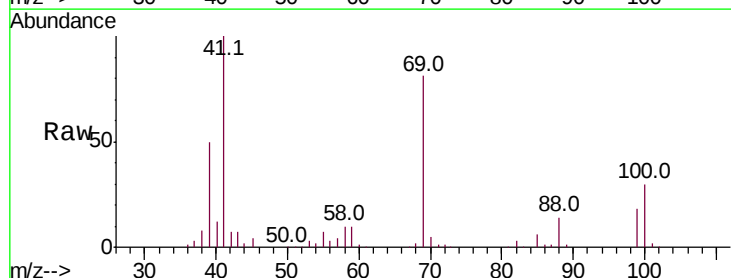
Tgt Ion: 41 Resp: 54663

Ion Ratio Lower Upper

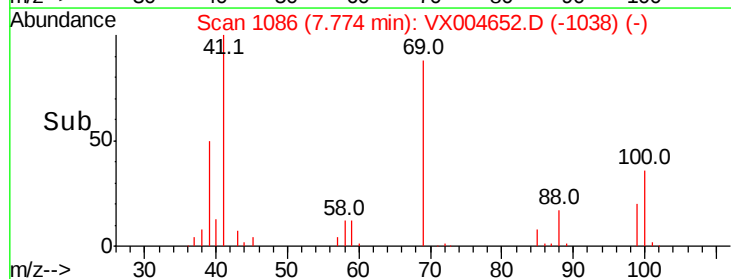
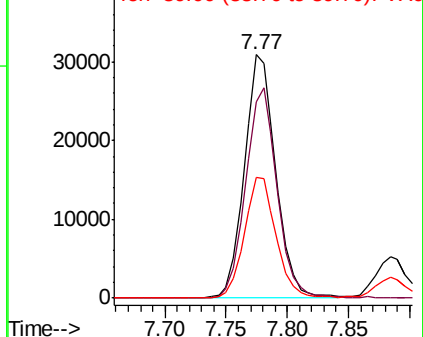
41 100

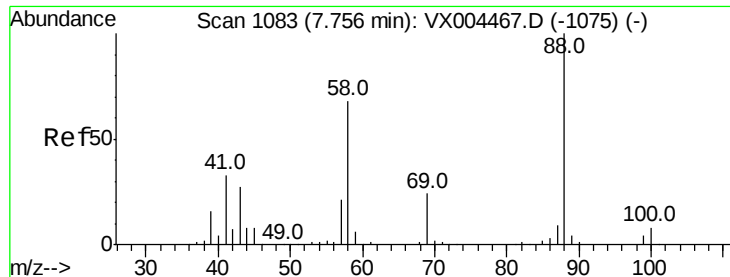
69 87.1 70.2 105.4

39 50.7 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

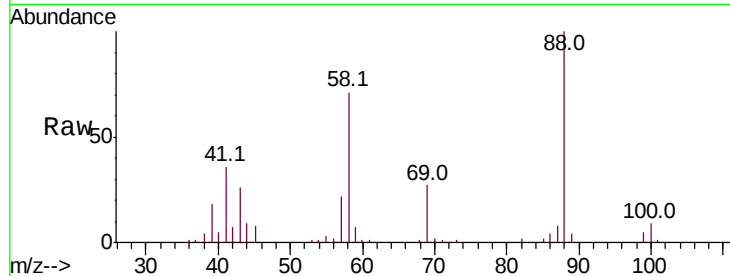




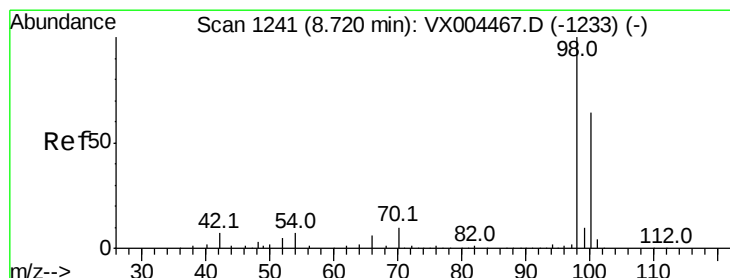
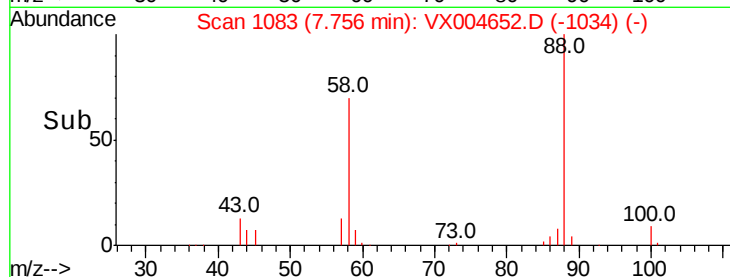
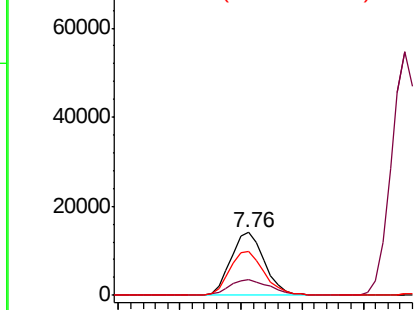
#49
1,4-Dioxane
Concen: 357.653 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX004652.D
Acq: 18 Sep 2018 12:42

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 88 Resp: 26878
Ion Ratio Lower Upper
88 100
43 31.0 24.7 37.1
58 72.1 55.3 82.9

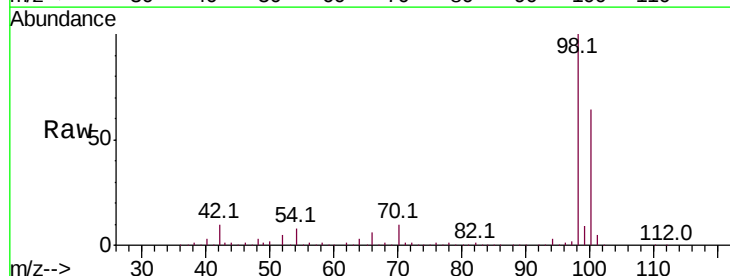


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

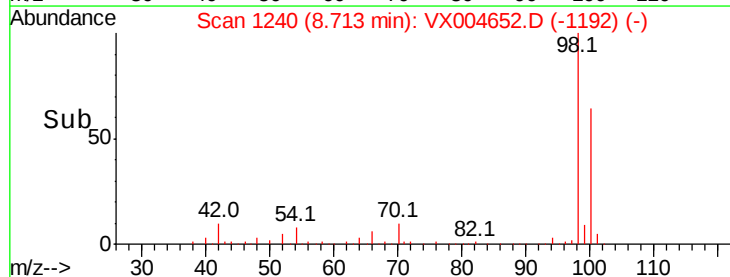
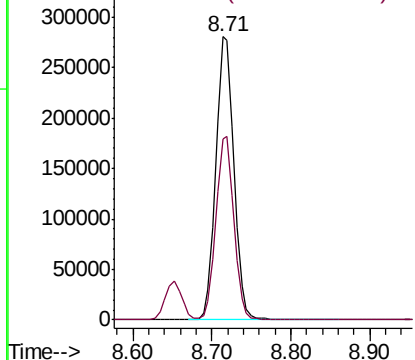


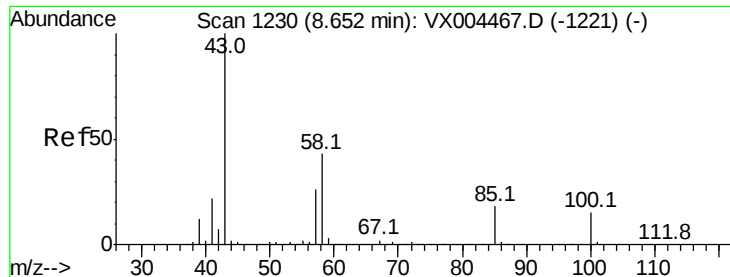
#50
Toluene-d8
Concen: 41.660 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004652.D
Acq: 18 Sep 2018 12:42

Tgt Ion: 98 Resp: 447249
Ion Ratio Lower Upper
98 100
100 64.4 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: 79.615 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VX004652.D

Acq: 18 Sep 2018 12:42

Instrument :

MSVOA_X

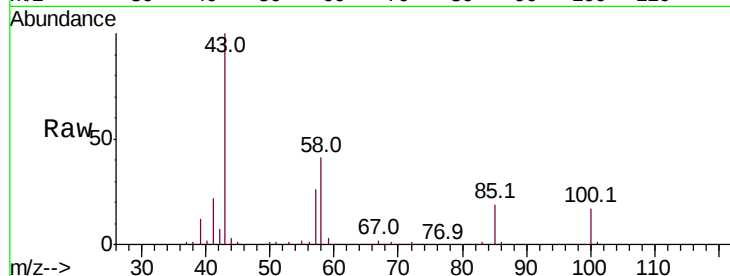
ClientSampled :

Tot Ion: 43 Resp: 360473

Ion Ratio Lower Upper

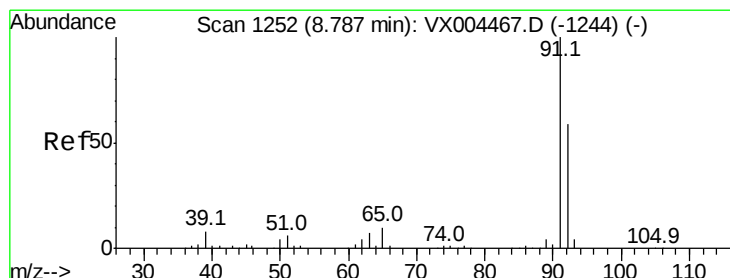
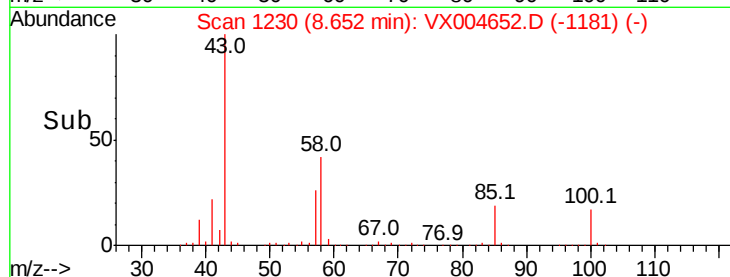
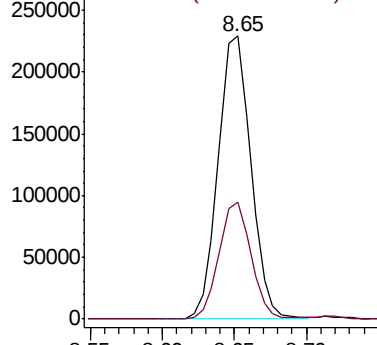
43 100

58 40.5 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: 16.843 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004652.D

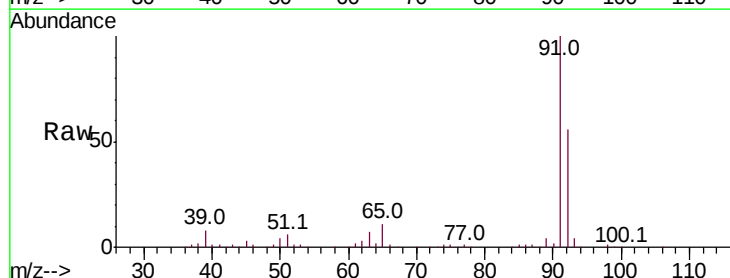
Acq: 18 Sep 2018 12:42

Tgt Ion: 92 Resp: 125052

Ion Ratio Lower Upper

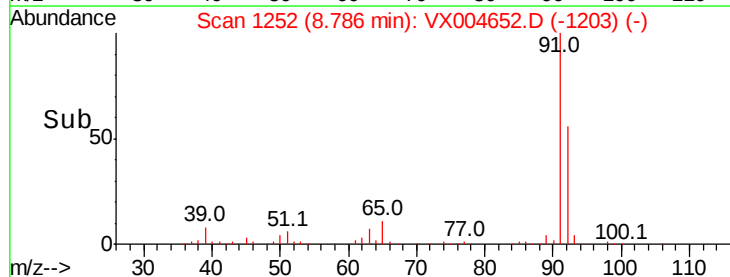
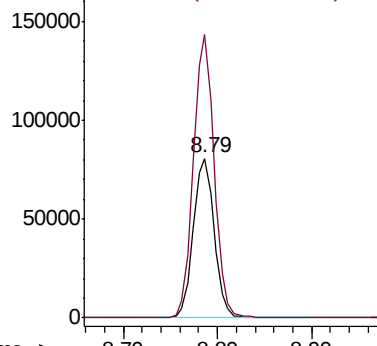
92 100

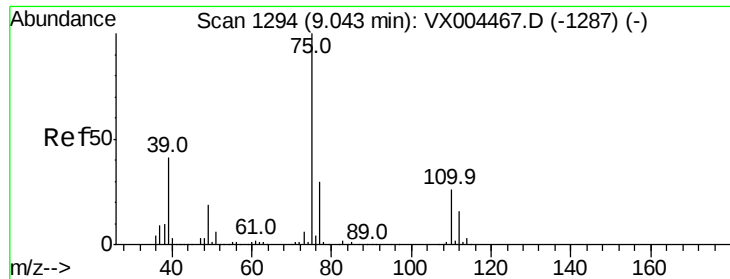
91 175.0 136.4 204.6



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: 16.168 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX004652.D

Acq: 18 Sep 2018 12:42

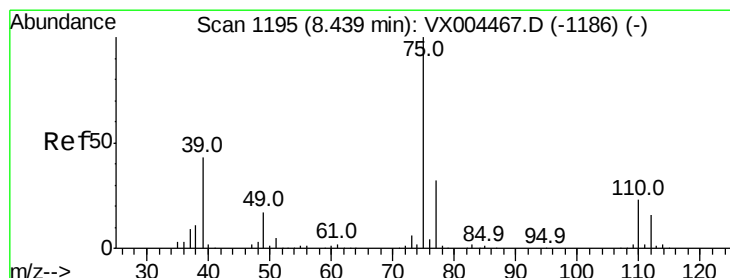
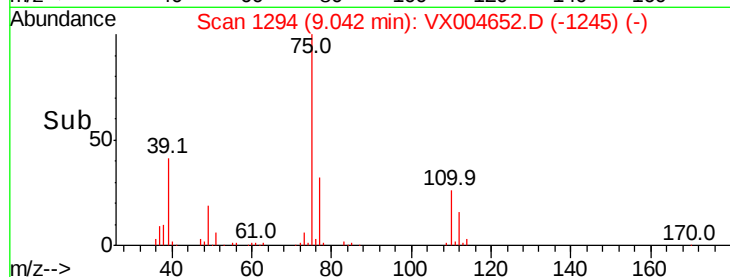
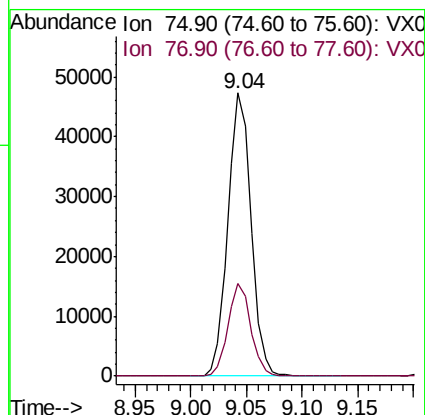
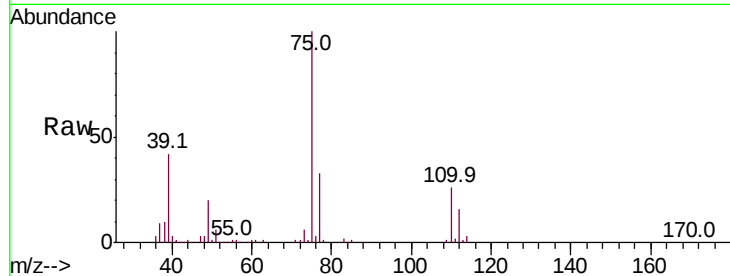
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 75 Resp: 68420

Ion Ratio Lower Upper

75 100

77 32.6 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 17.788 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX004652.D

Acq: 18 Sep 2018 12:42

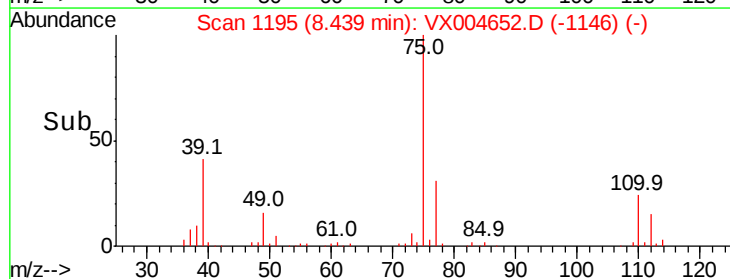
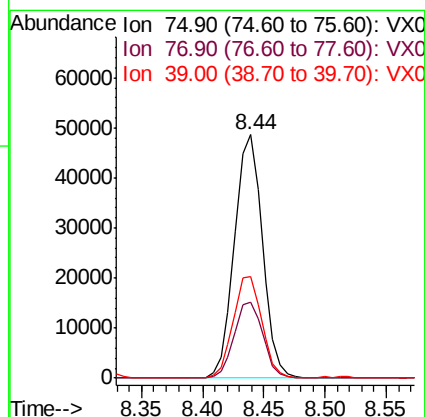
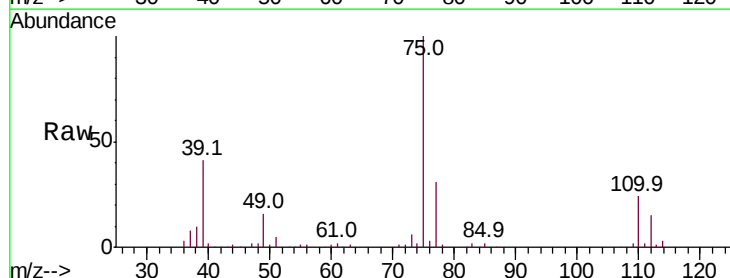
Tgt Ion: 75 Resp: 76733

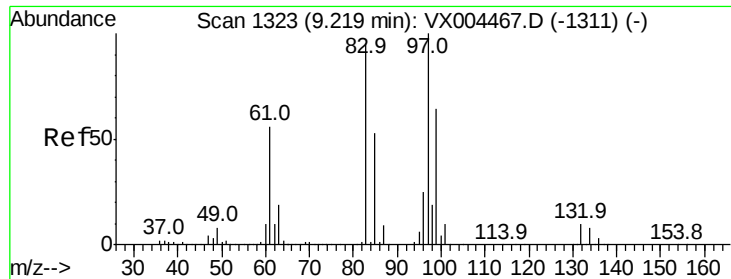
Ion Ratio Lower Upper

75 100

77 31.1 26.2 39.2

39 41.3 36.4 54.6

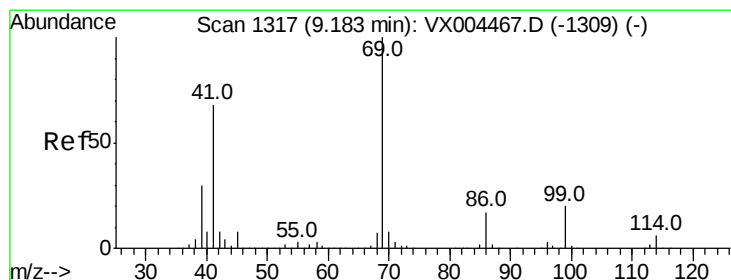
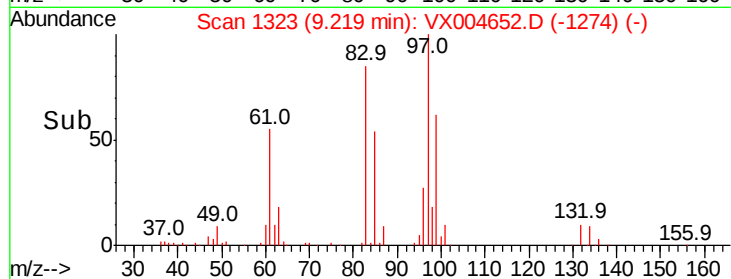
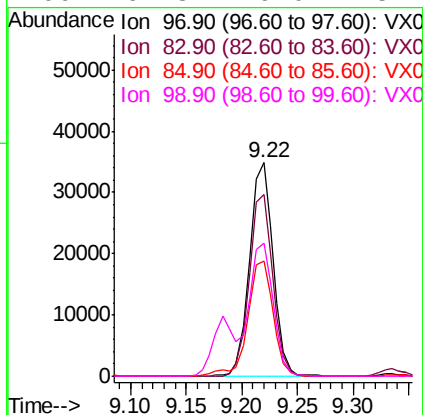
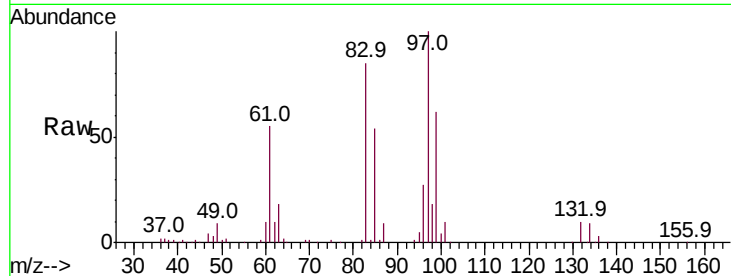




#55
 1,1,2-Trichloroethane
 Concen: 16.066 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX004652.D
 Acq: 18 Sep 2018 12:42

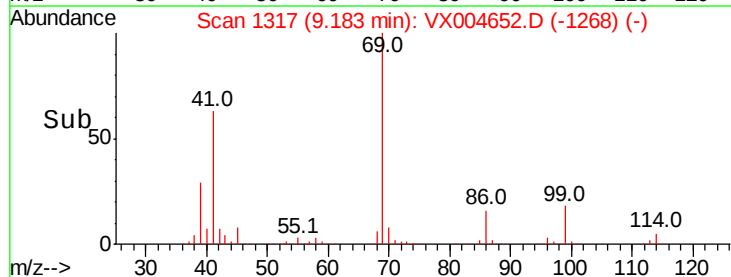
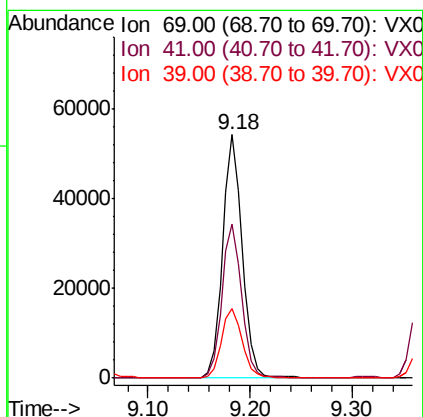
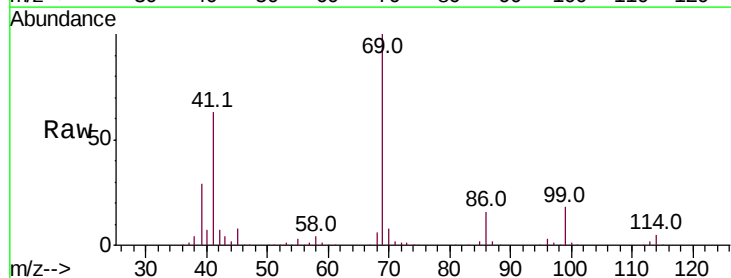
Instrument :
 MSVOA_X
 ClientSampleId :

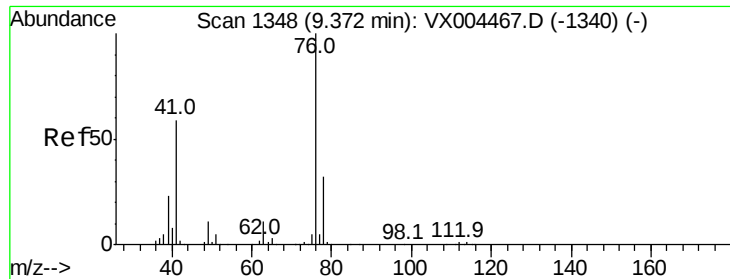
Tot Ion:	97	Resp:	51359
Ion	Ratio	Lower	Upper
97	100		
83	85.1	66.4	99.6
85	54.1	43.3	64.9
99	62.3	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 16.110 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX004652.D
 Acq: 18 Sep 2018 12:42

Tgt Ion:	69	Resp:	72860
Ion	Ratio	Lower	Upper
69	100		
41	64.2	51.0	76.4
39	30.6	26.1	39.1





#57

1,3-Dichloropropane

Concen: 16.344 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX004652.D

Acq: 18 Sep 2018 12:42

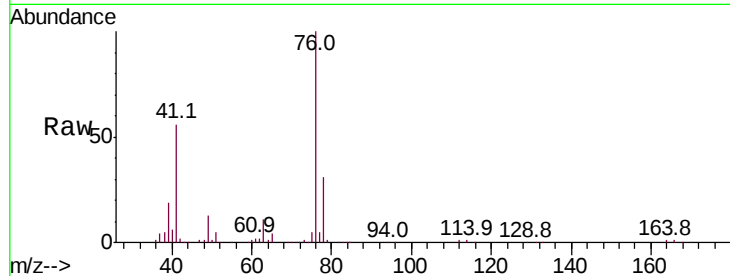
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 76 Resp: 84896

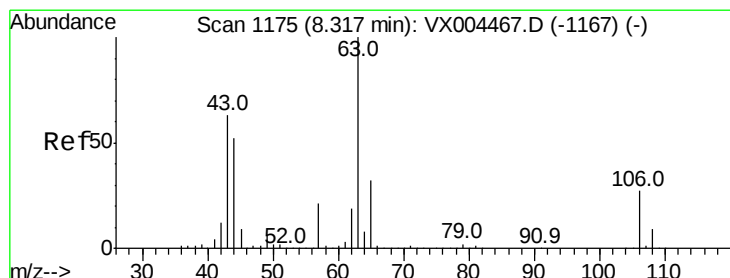
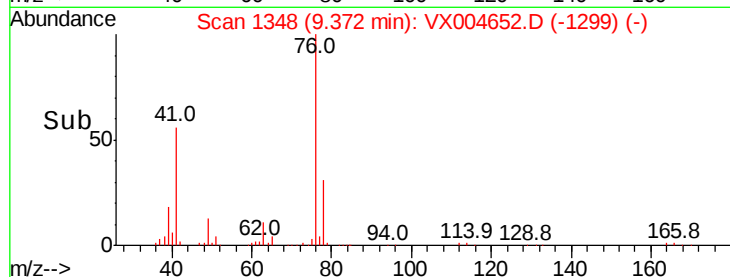
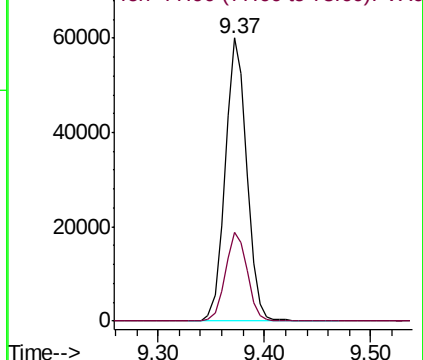
Ion Ratio Lower Upper

76 100

78 31.9 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: 85.970 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VX004652.D

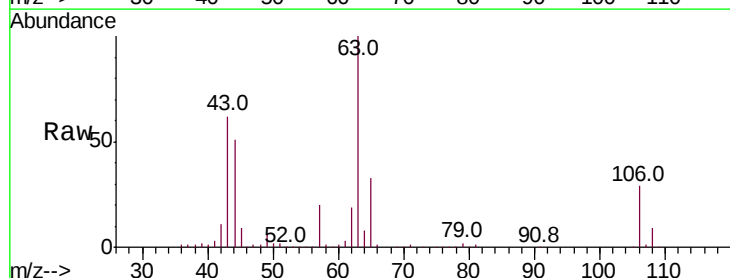
Acq: 18 Sep 2018 12:42

Tgt Ion: 63 Resp: 186768

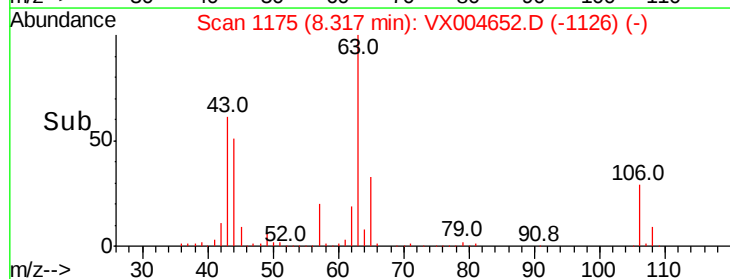
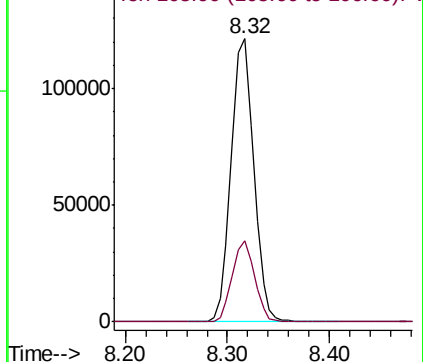
Ion Ratio Lower Upper

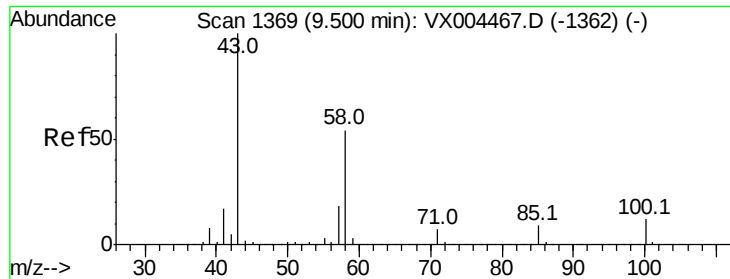
63 100

106 28.1 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 105.90 (105.60 to 106.60): V

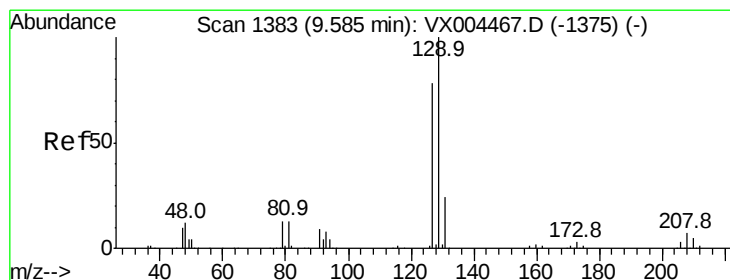
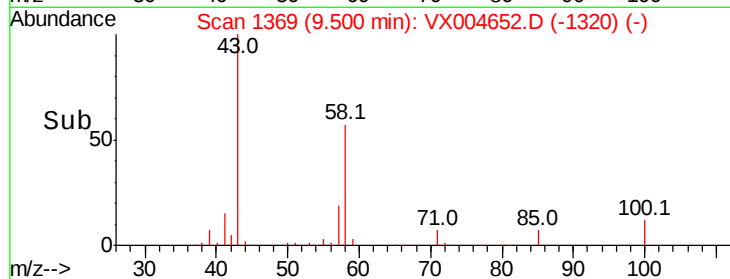
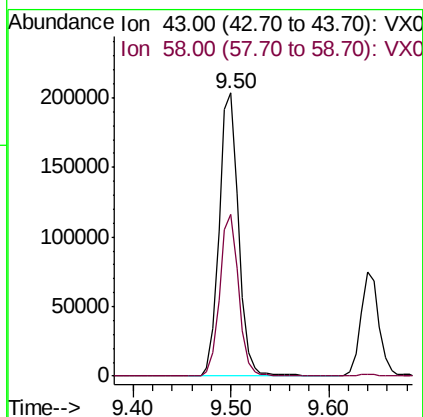
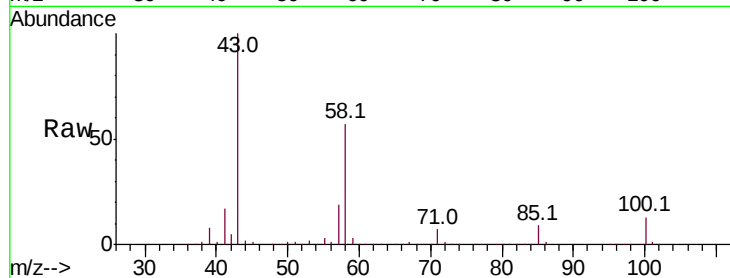




#59
2-Hexanone
Concen: 80.336 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004652.D
Acq: 18 Sep 2018 12:42

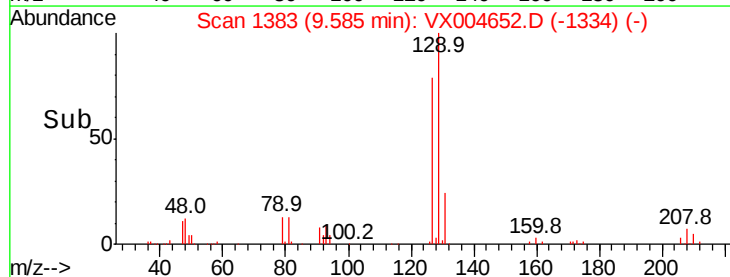
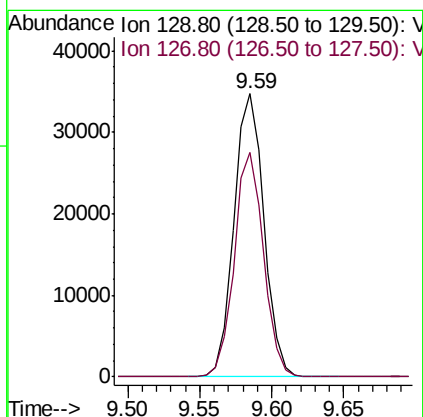
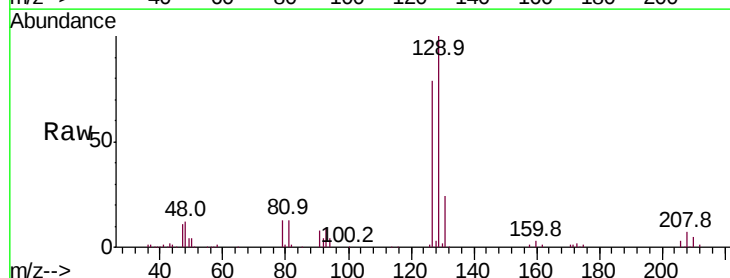
Instrument :
MSVOA_X
ClientSampled :

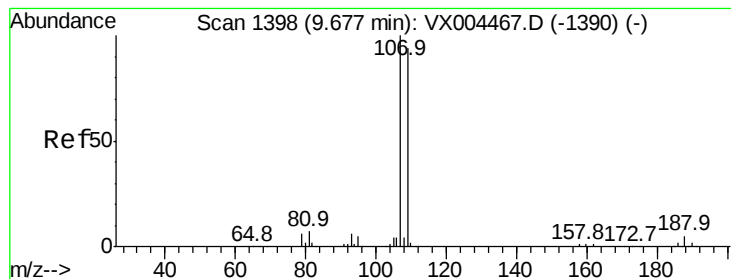
Tot Ion: 43 Resp: 278999
Ion Ratio Lower Upper
43 100
58 55.9 29.0 87.0



#60
Dibromochloromethane
Concen: 16.756 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004652.D
Acq: 18 Sep 2018 12:42

Tgt Ion: 129 Resp: 50431
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5





#61

1,2-Dibromoethane

Concen: 17.129 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. -0.00 min

Lab File: VX004652.D

Acq: 18 Sep 2018 12:42

Instrument :

MSVOA_X

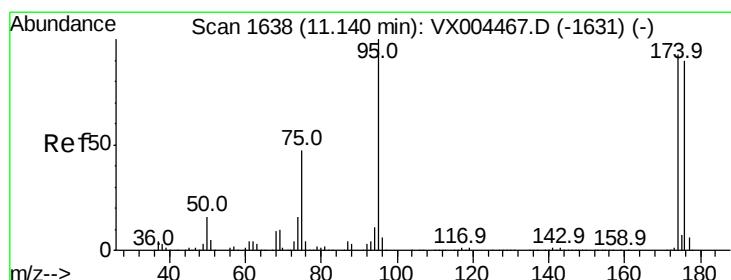
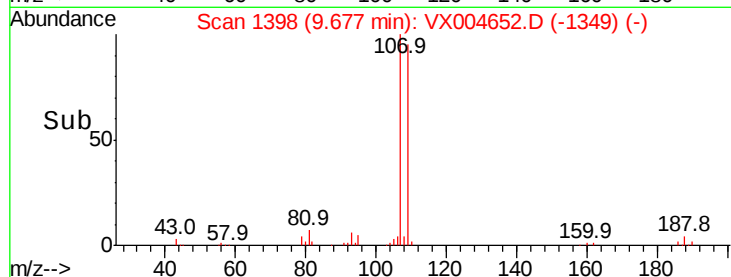
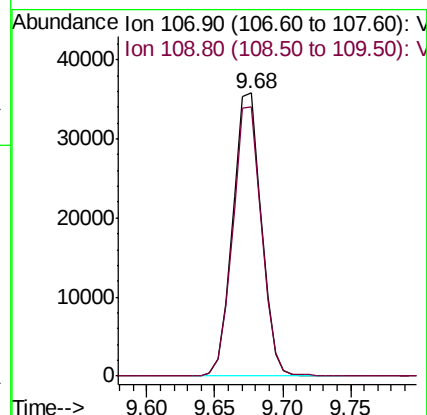
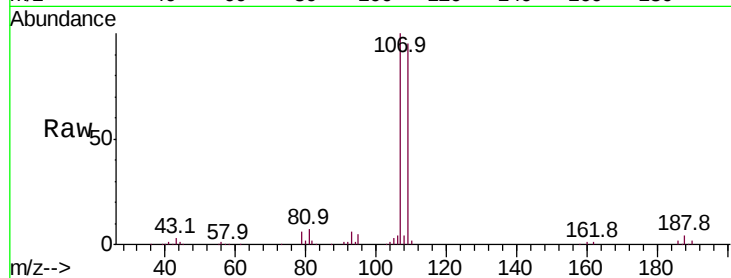
ClientSampleId :

Tot Ion:107 Resp: 52311

Ion Ratio Lower Upper

107 100

109 95.9 76.0 114.0



#62

4-Bromofluorobenzene

Concen: 42.127 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004652.D

Acq: 18 Sep 2018 12:42

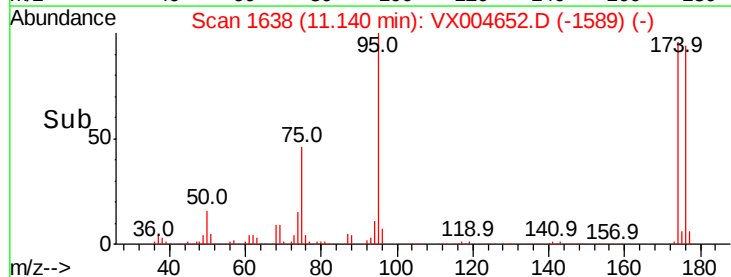
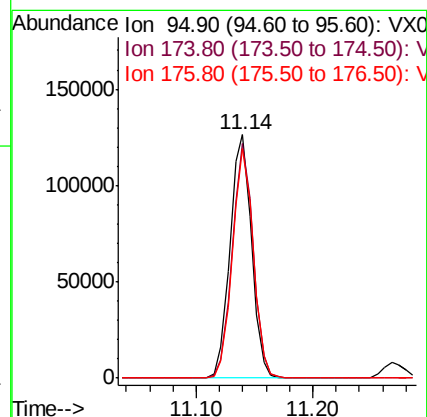
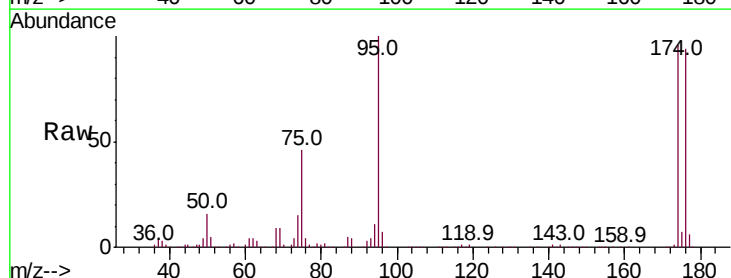
Tgt Ion: 95 Resp: 161440

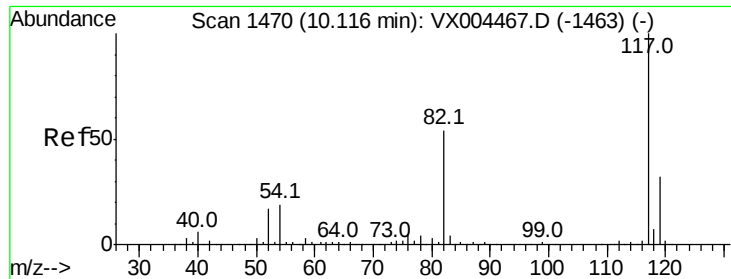
Ion Ratio Lower Upper

95 100

174 94.0 0.0 185.2

176 91.7 0.0 178.6

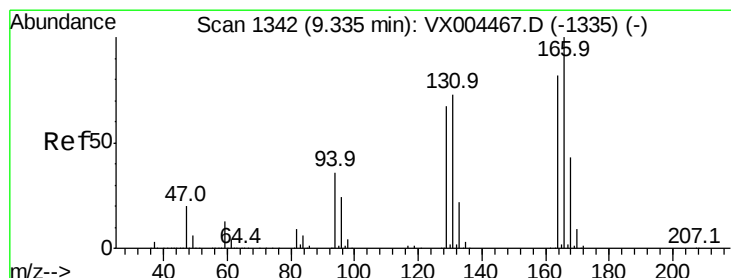
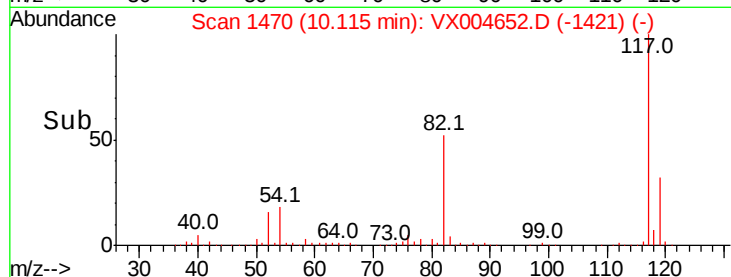
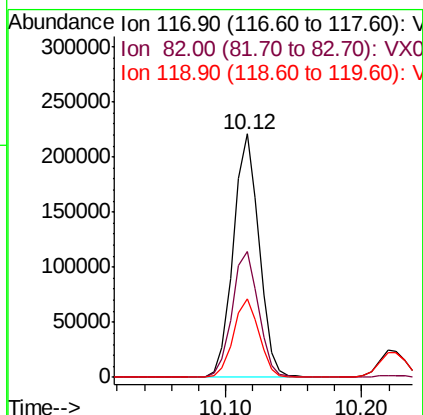
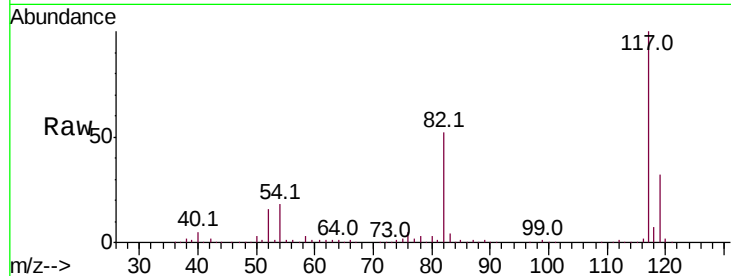




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004652.D
Acq: 18 Sep 2018 12:42

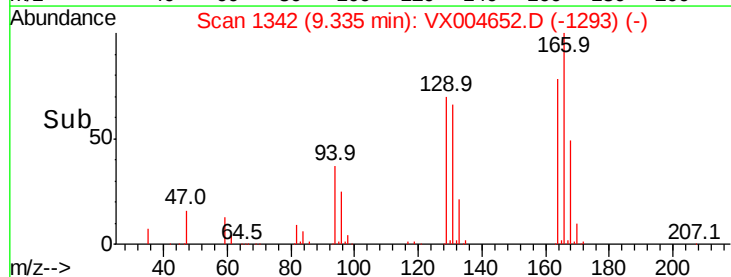
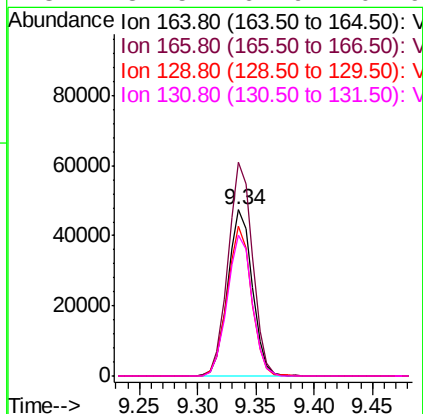
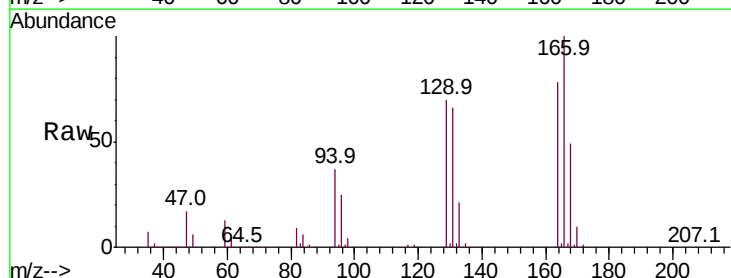
Instrument :
MSVOA_X
ClientSampled :

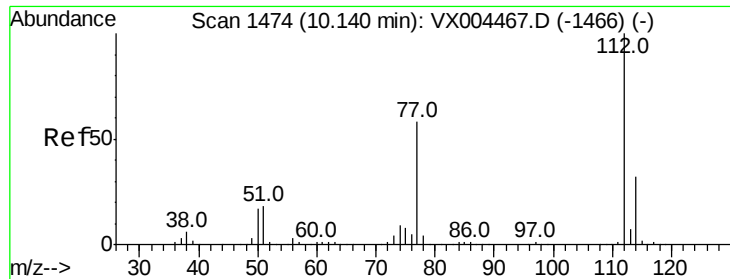
Tot Ion:117 Resp: 291351
Ion Ratio Lower Upper
117 100
82 51.6 47.8 71.6
119 32.5 29.3 43.9



#64
Tetrachloroethene
Concen: 19.124 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004652.D
Acq: 18 Sep 2018 12:42

Tgt Ion:164 Resp: 69565
Ion Ratio Lower Upper
164 100
166 128.5 102.8 154.2
129 90.4 69.4 104.0
131 84.5 67.9 101.9

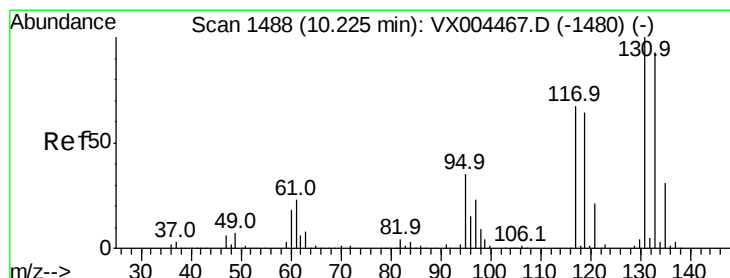
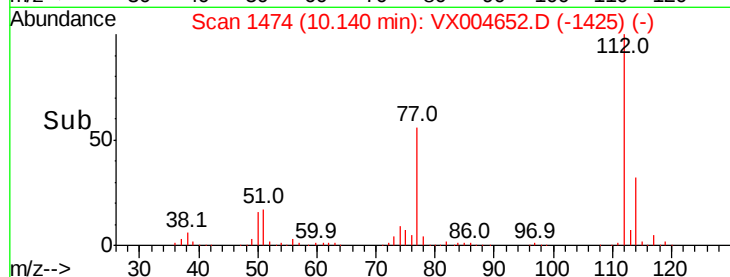
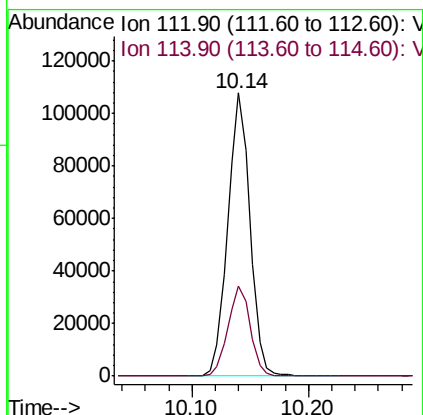
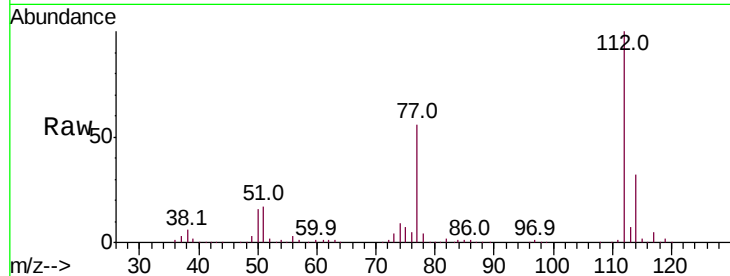




#65
Chlorobenzene
Concen: 19.726 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004652.D
Acq: 18 Sep 2018 12:42

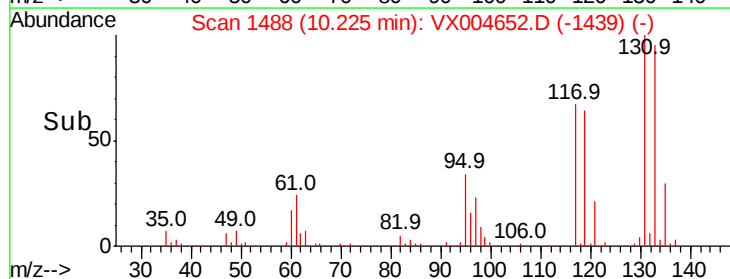
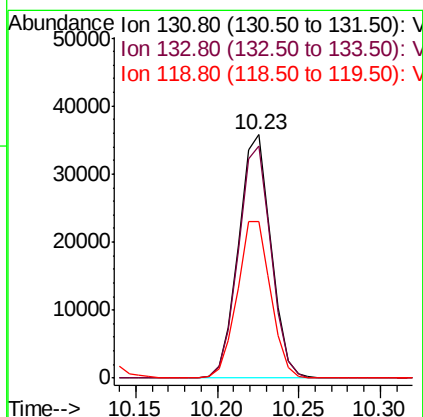
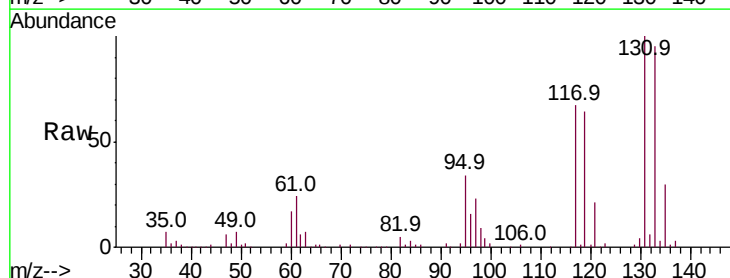
Instrument :
MSVOA_X
ClientSampled :

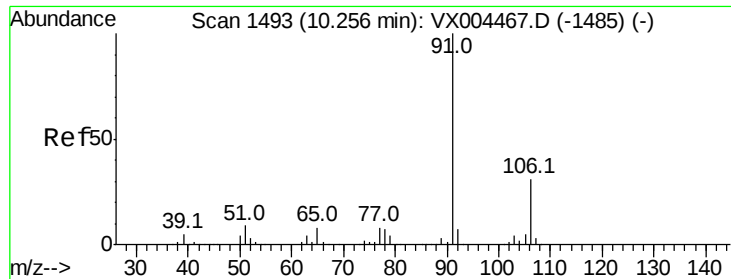
Tot Ion:112 Resp: 142756
Ion Ratio Lower Upper
112 100
114 31.7 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.869 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX004652.D
Acq: 18 Sep 2018 12:42

Tgt Ion:131 Resp: 49585
Ion Ratio Lower Upper
131 100
133 95.8 48.1 144.4
119 66.3 32.9 98.6

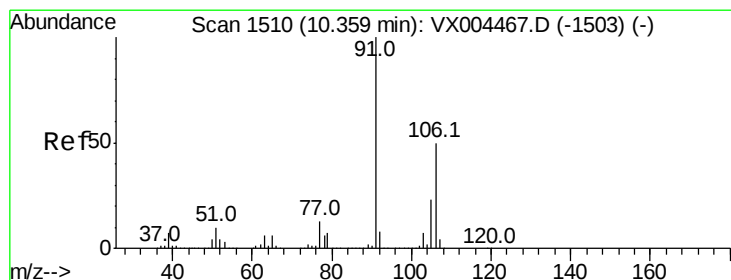
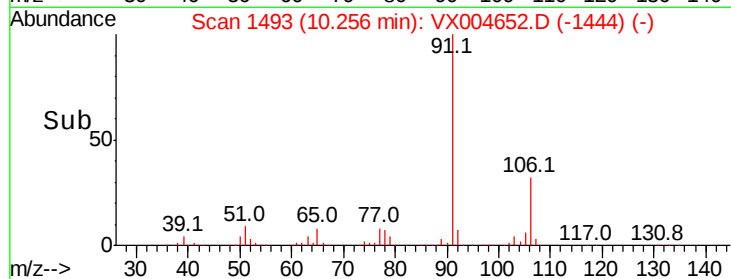
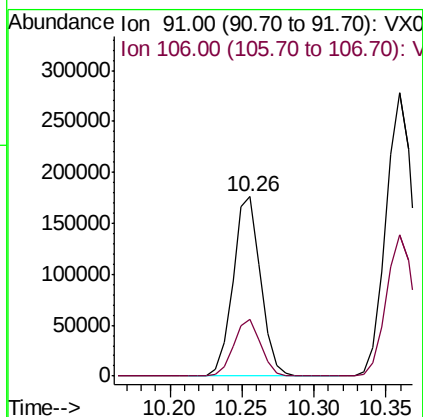
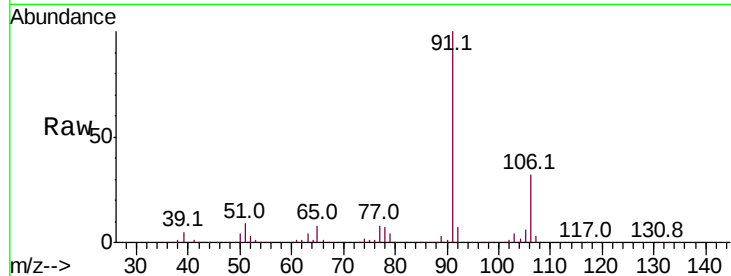




#67
Ethyl Benzene
Concen: 19.962 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004652.D
Acq: 18 Sep 2018 12:42

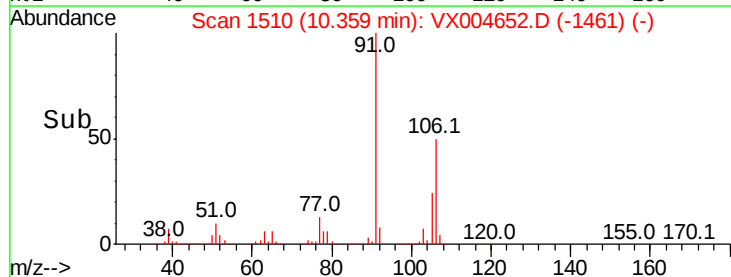
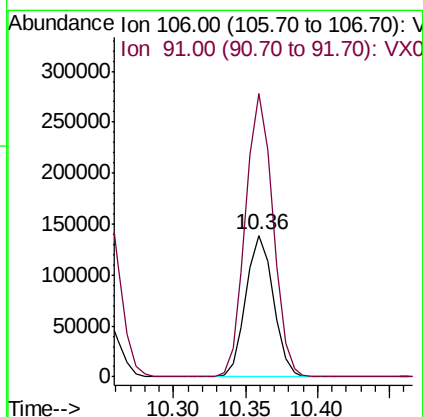
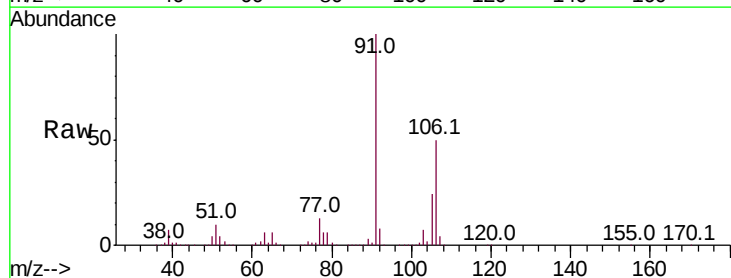
Instrument :
MSVOA_X
ClientSampleId :

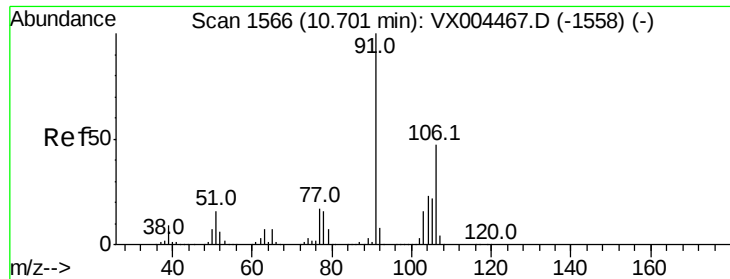
Tot Ion: 91 Resp: 234905
Ion Ratio Lower Upper
91 100
106 31.7 25.9 38.9



#68
m/p-Xylenes
Concen: 40.575 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004652.D
Acq: 18 Sep 2018 12:42

Tgt Ion: 106 Resp: 183922
Ion Ratio Lower Upper
106 100
91 200.5 157.1 235.7

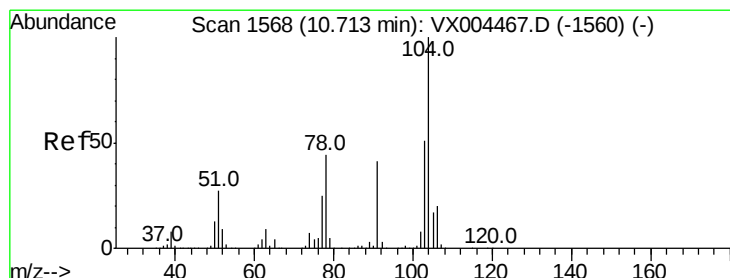
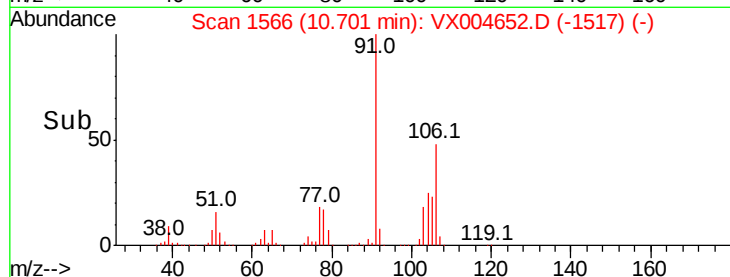
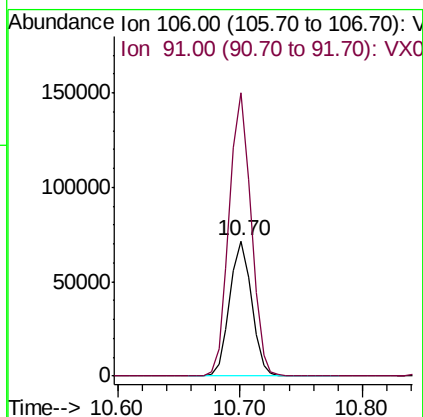
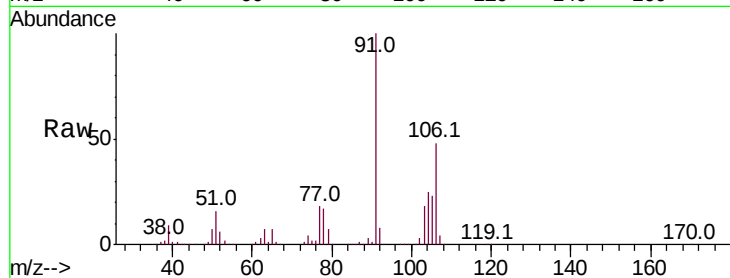




#69
o-Xylene
Concen: 20.339 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004652.D
Acq: 18 Sep 2018 12:42

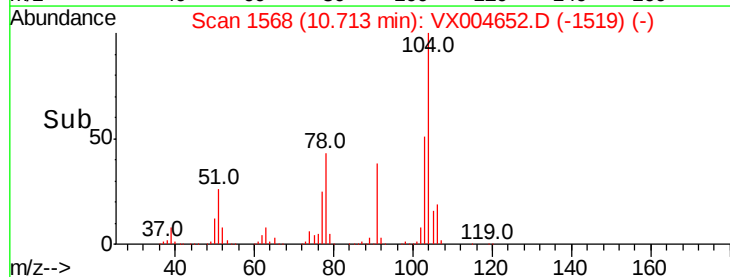
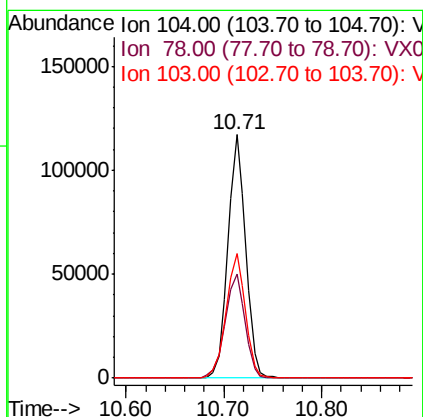
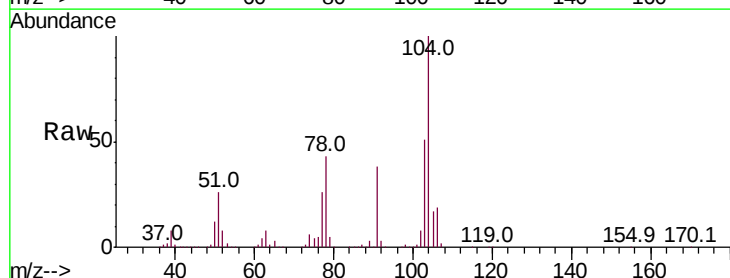
Instrument :
MSVOA_X
ClientSampled :

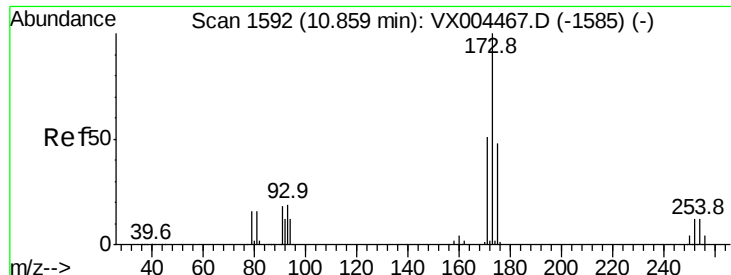
Tot Ion:106 Resp: 88632
Ion Ratio Lower Upper
106 100
91 210.7 105.1 315.1



#70
Styrene
Concen: 20.473 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004652.D
Acq: 18 Sep 2018 12:42

Tgt Ion:104 Resp: 147808
Ion Ratio Lower Upper
104 100
78 48.1 37.4 56.0
103 55.8 43.8 65.6





#71

Bromoform

Concen: 19.182 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX004652.D

Acq: 18 Sep 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

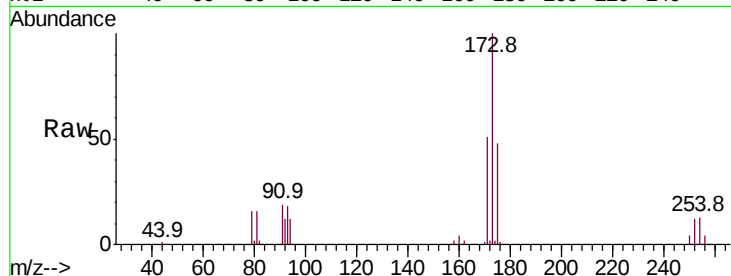
Tot Ion:173 Resp: 39306

Ion Ratio Lower Upper

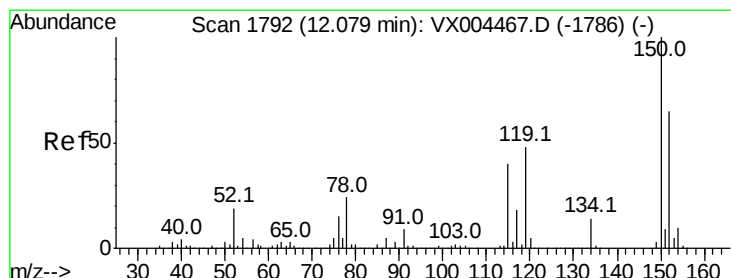
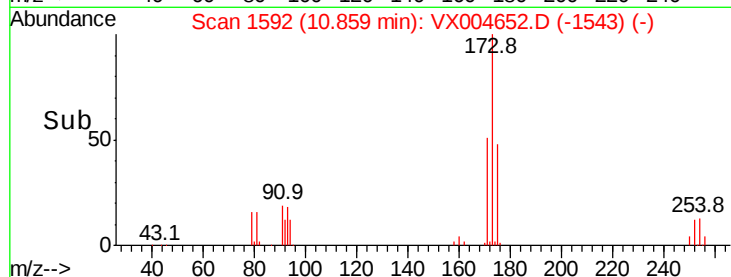
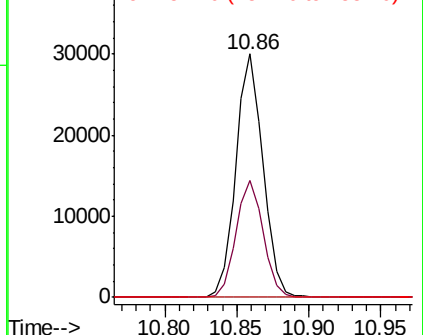
173 100

175 48.1 24.1 72.3

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004652.D

Acq: 18 Sep 2018 12:42

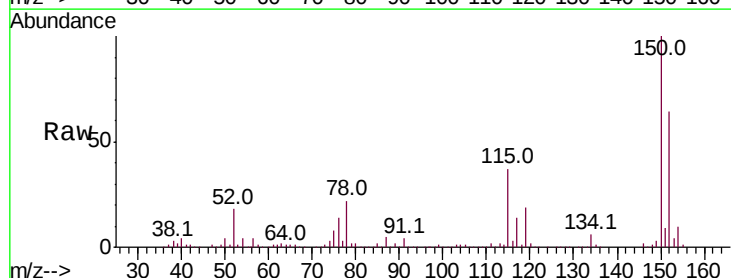
Tgt Ion:152 Resp: 176248

Ion Ratio Lower Upper

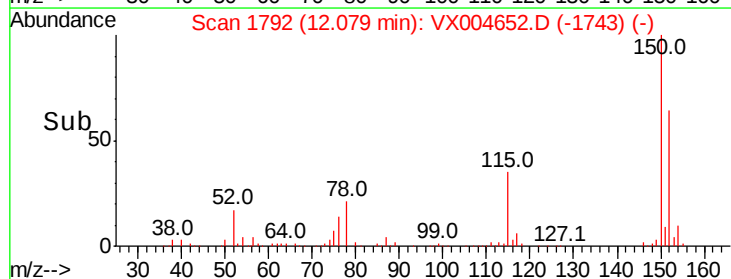
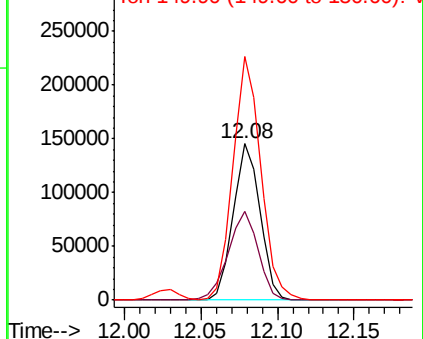
152 100

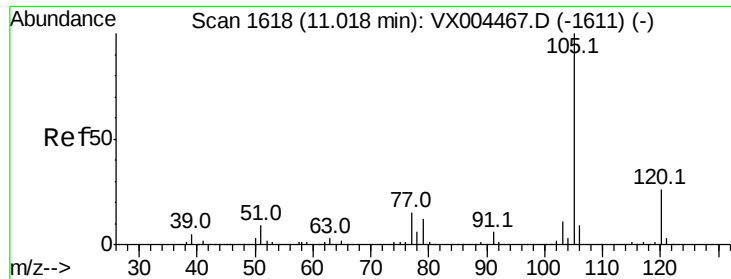
115 63.5 39.0 117.0

150 162.3 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

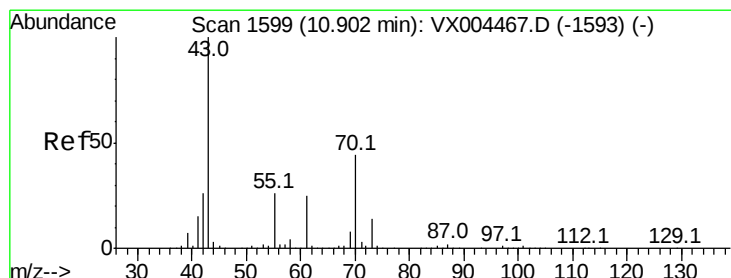
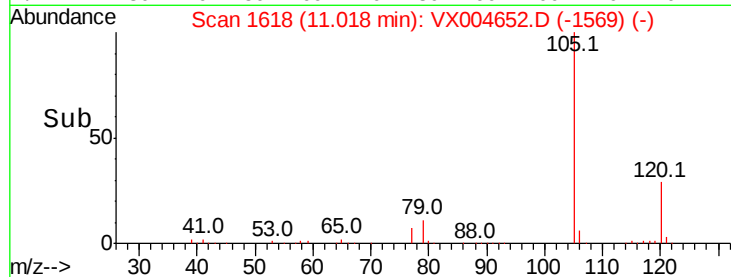
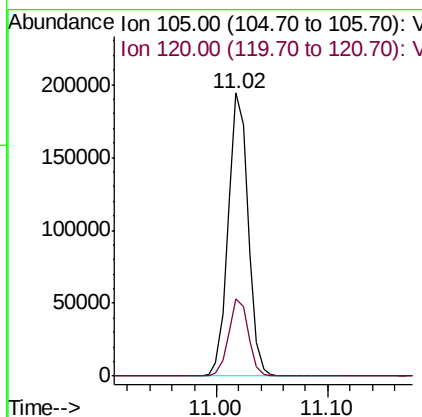
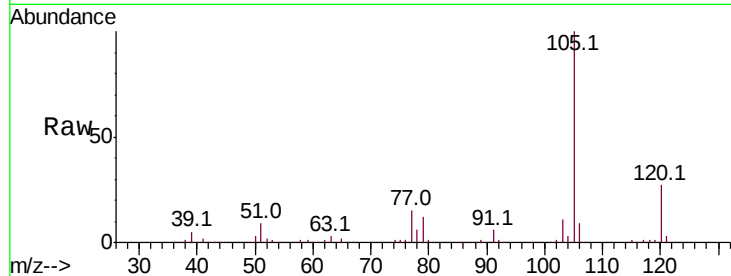




#73
Isopropylbenzene
Concen: 20.683 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX004652.D
Acq: 18 Sep 2018 12:42

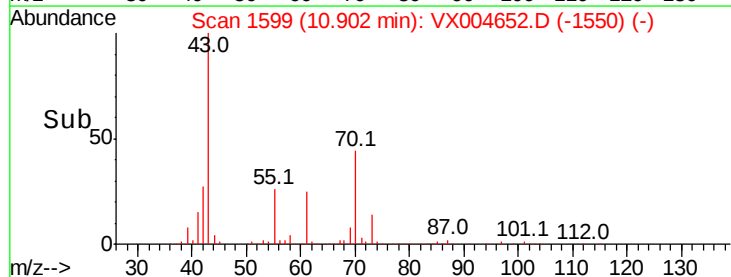
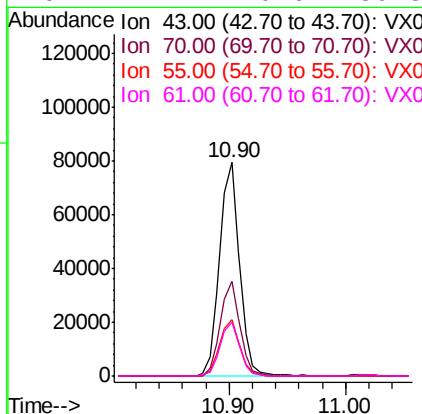
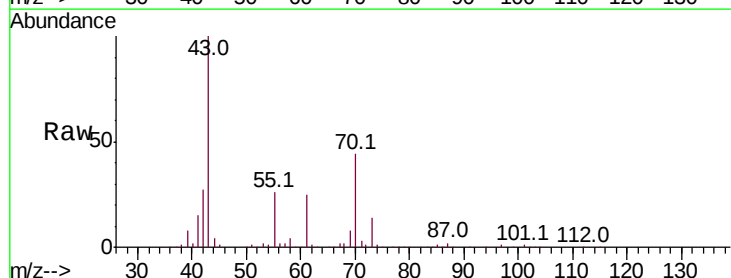
Instrument :
MSVOA_X
ClientSampled :

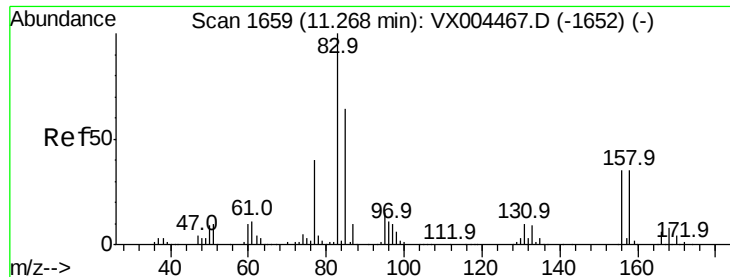
Tot Ion:105 Resp: 240083
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.4



#74
N-ethyl acetate
Concen: 19.238 ug/l
RT: 10.90 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VX004652.D
Acq: 18 Sep 2018 12:42

Tgt Ion: 43 Resp: 93991
Ion Ratio Lower Upper
43 100
70 43.4 37.4 56.0
55 26.9 21.8 32.8
61 24.7 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 18.618 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004652.D

Acq: 18 Sep 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

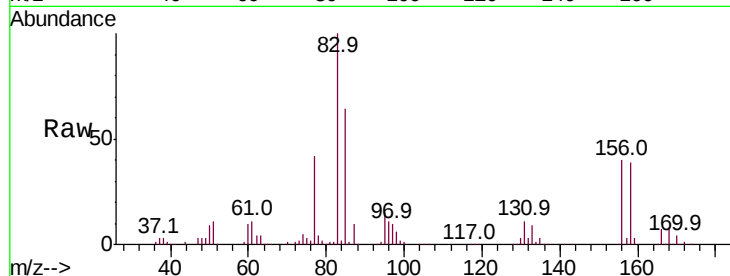
Tot Ion: 83 Resp: 69706

Ion Ratio Lower Upper

83 100

131 10.7 5.2 15.6

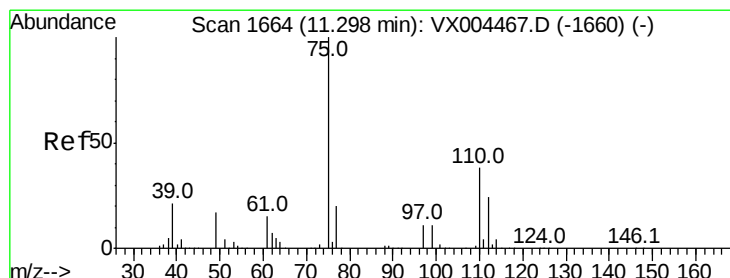
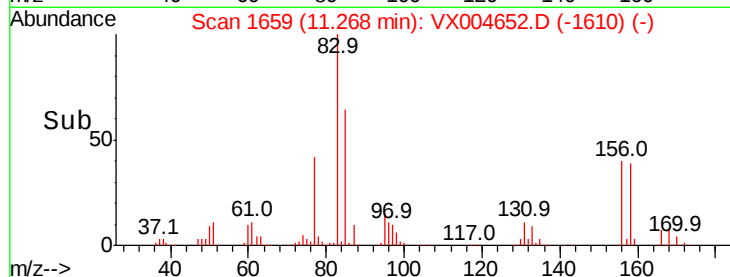
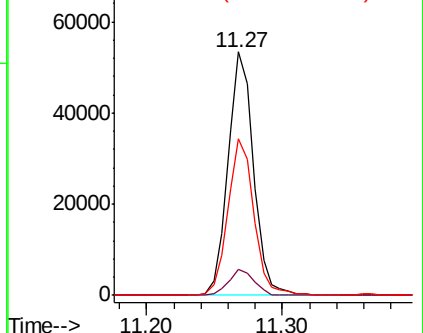
85 65.2 32.3 96.8



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: 24.933 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX004652.D

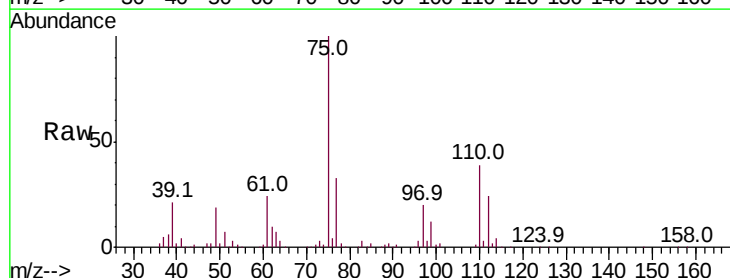
Acq: 18 Sep 2018 12:42

Tgt Ion: 75 Resp: 88410

Ion Ratio Lower Upper

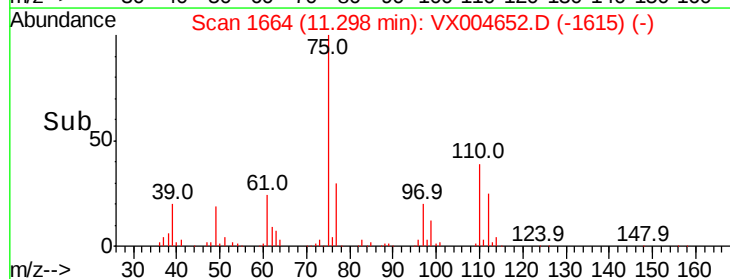
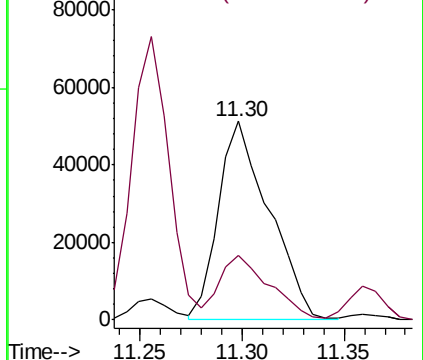
75 100

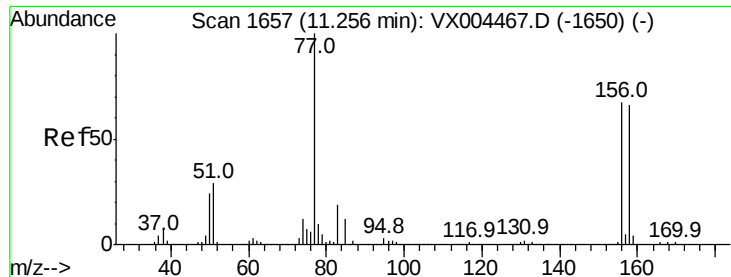
77 31.9 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.339 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004652.D

Acq: 18 Sep 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

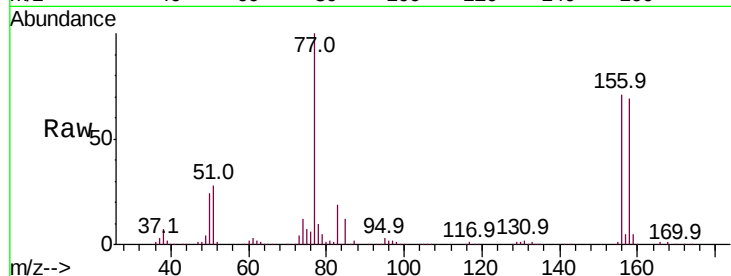
Tot Ion:156 Resp: 65253

Ion Ratio Lower Upper

156 100

77 142.5 71.5 214.3

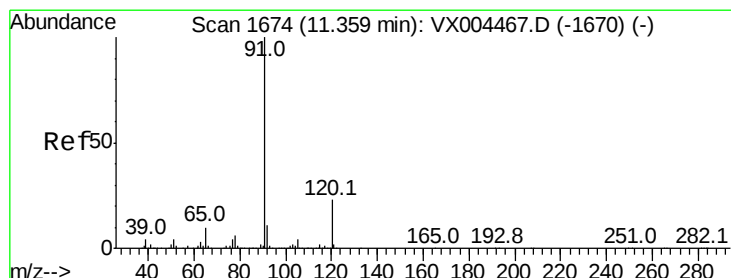
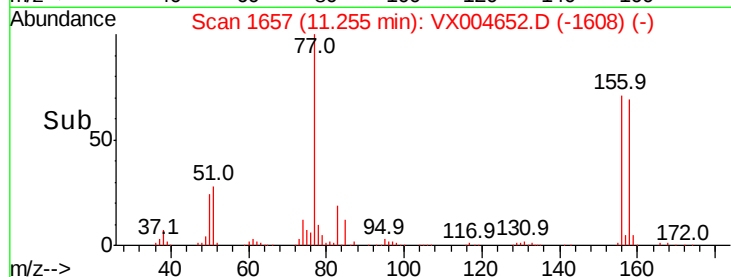
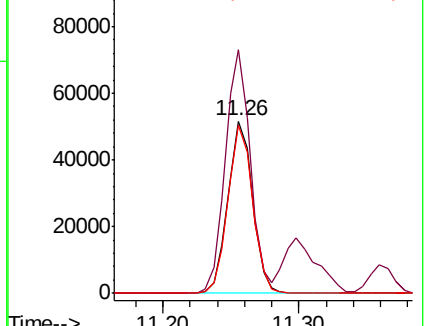
158 97.6 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.30): VX0

Ion 157.80 (157.50 to 158.10): V



#78

n-propylbenzene

Concen: 20.614 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004652.D

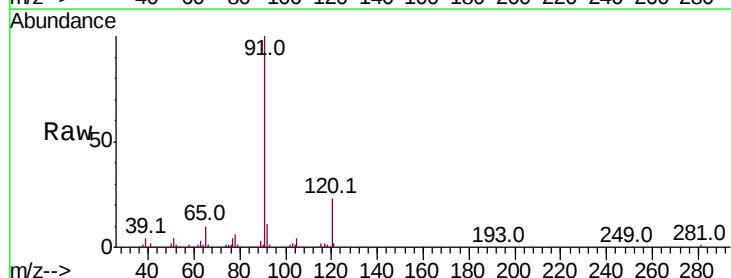
Acq: 18 Sep 2018 12:42

Tgt Ion: 91 Resp: 275119

Ion Ratio Lower Upper

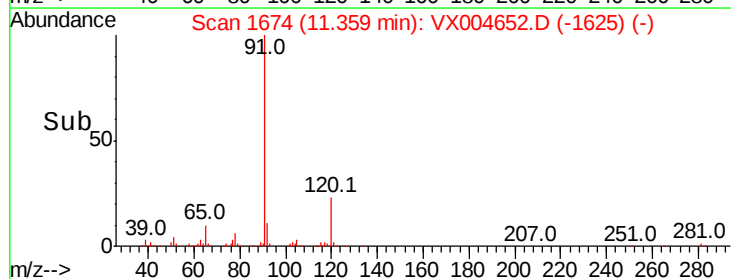
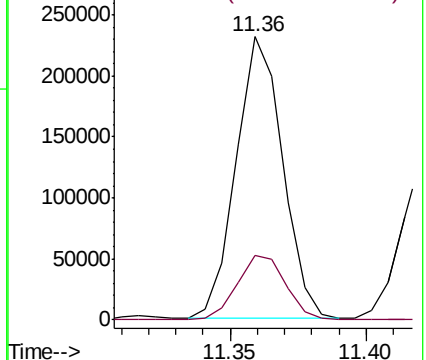
91 100

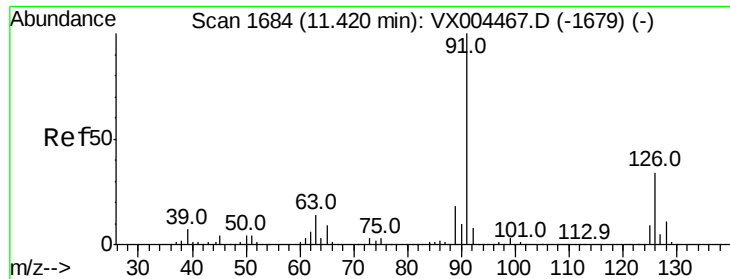
120 23.8 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.30): VX0

Ion 120.00 (119.70 to 120.30): V

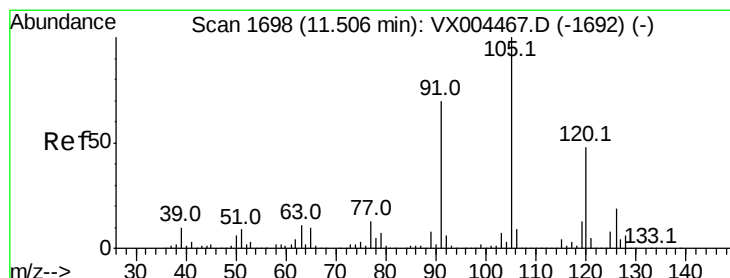
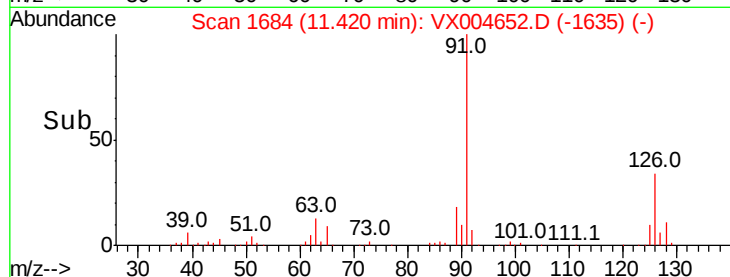
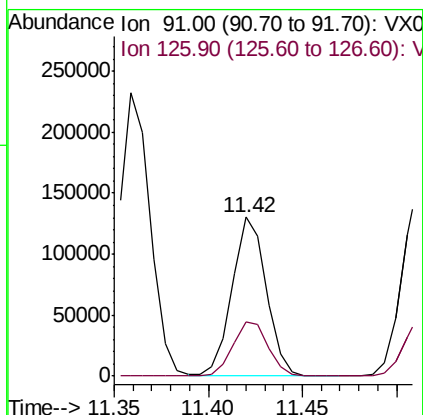
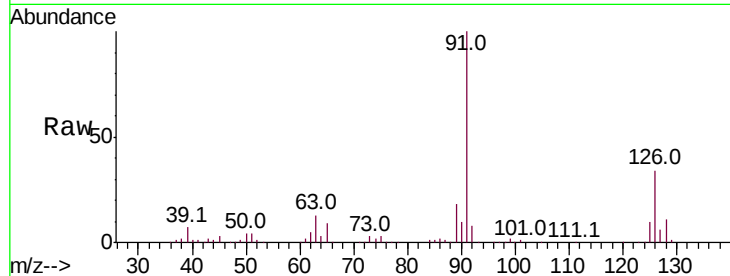




#79
 2-Chlorotoluene
 Concen: 20.152 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX004652.D
 Acq: 18 Sep 2018 12:42

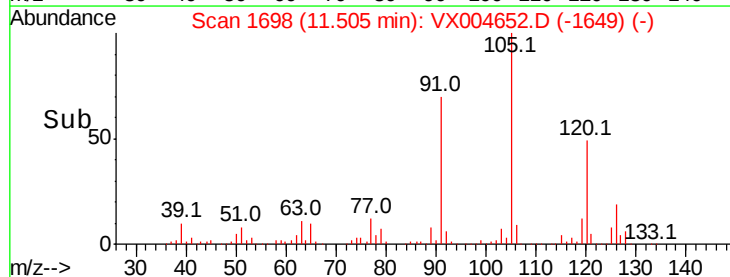
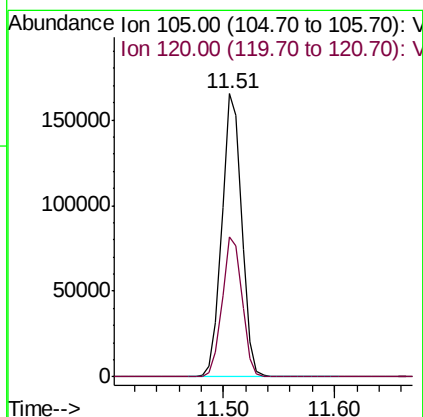
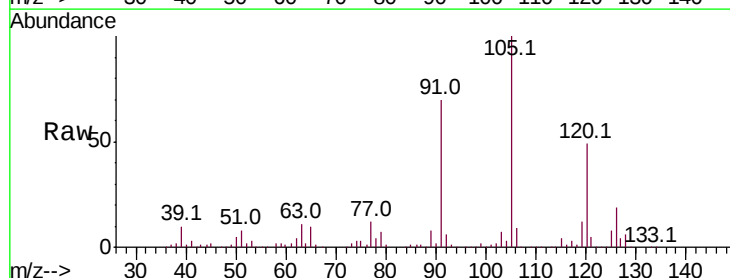
Instrument :
 MSVOA_X
 ClientSampleId :

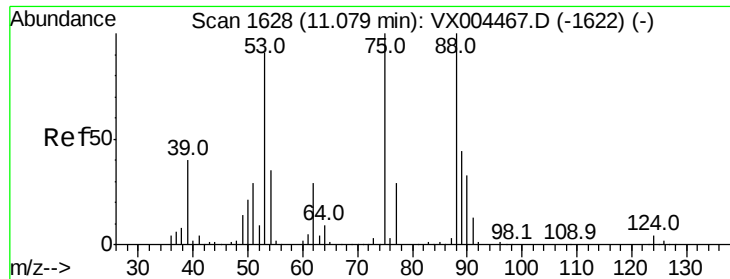
Tot Ion: 91 Resp: 163122
 Ion Ratio Lower Upper
 91 100
 126 35.7 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 20.814 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX004652.D
 Acq: 18 Sep 2018 12:42

Tgt Ion:105 Resp: 203100
 Ion Ratio Lower Upper
 105 100
 120 49.9 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.367 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VX004652.D

Acq: 18 Sep 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

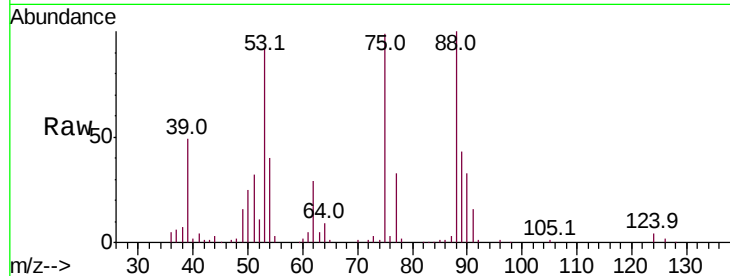
Tot Ion: 75 Resp: 21545

Ion Ratio Lower Upper

75 100

53 98.5 80.1 120.1

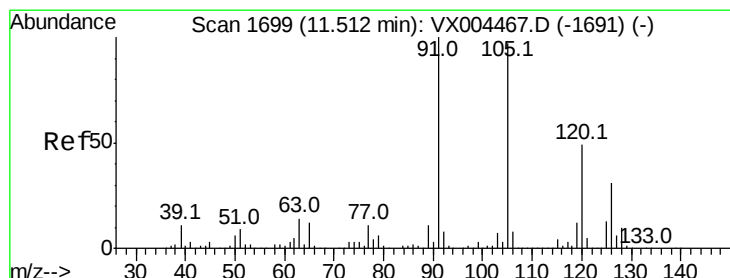
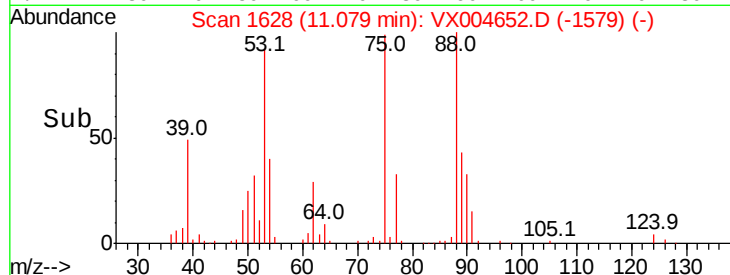
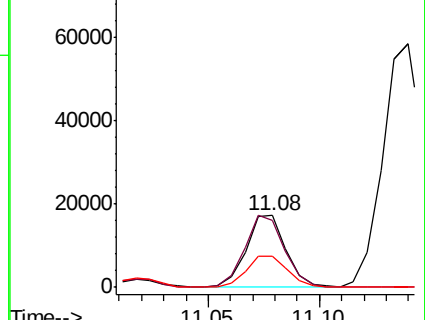
89 45.6 37.2 55.8



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: 20.032 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004652.D

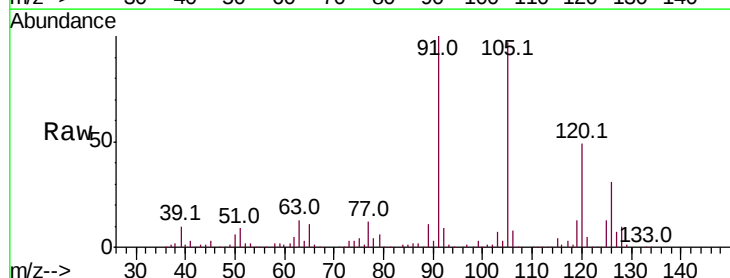
Acq: 18 Sep 2018 12:42

Tgt Ion: 91 Resp: 189244

Ion Ratio Lower Upper

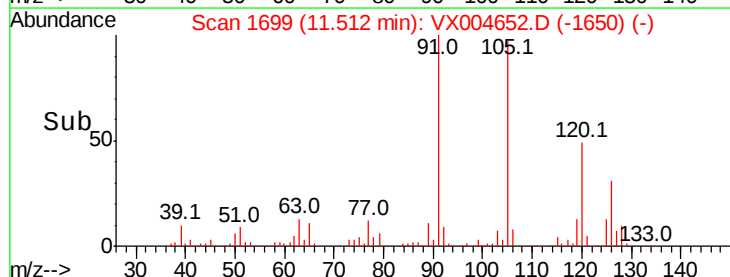
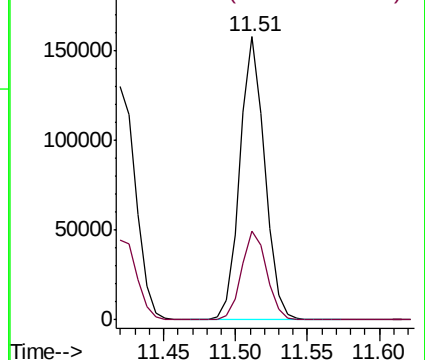
91 100

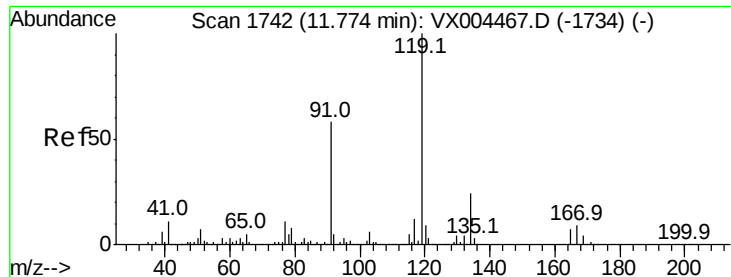
126 31.7 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.459 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX004652.D

Acq: 18 Sep 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

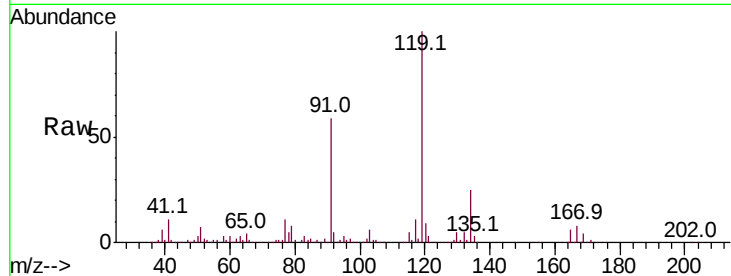
Tot Ion:119 Resp: 190059

Ion Ratio Lower Upper

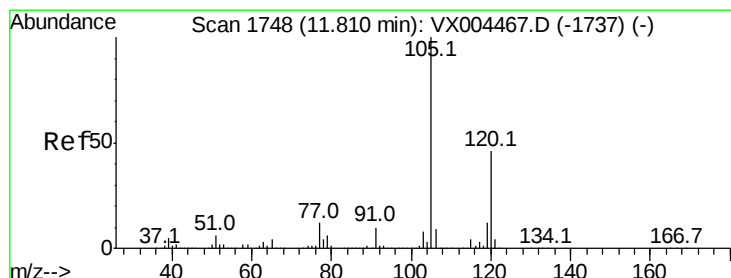
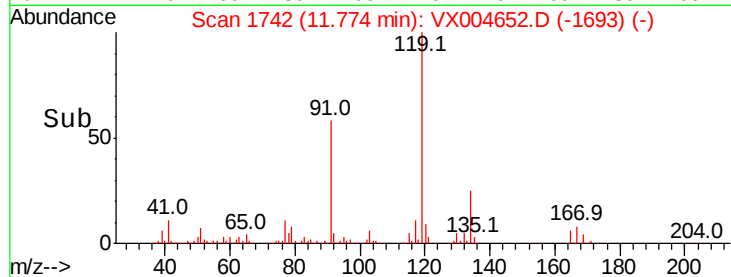
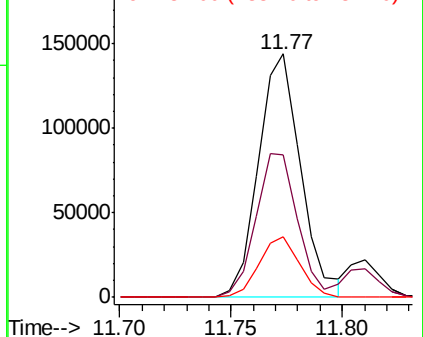
119 100

91 58.3 27.0 81.0

134 24.0 11.7 35.1



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



#84

1,2,4-Trimethylbenzene

Concen: 20.963 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. -0.00 min

Lab File: VX004652.D

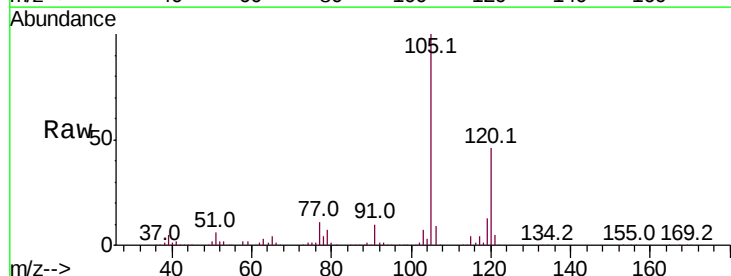
Acq: 18 Sep 2018 12:42

Tgt Ion:105 Resp: 208846

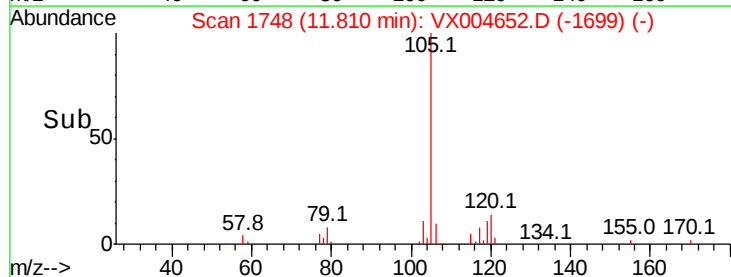
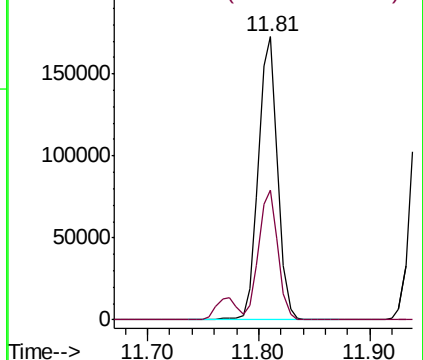
Ion Ratio Lower Upper

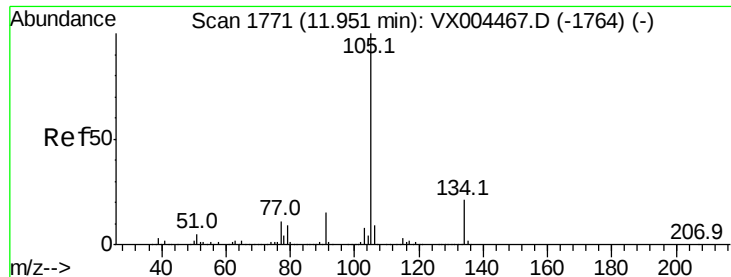
105 100

120 45.8 23.2 69.6



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





#85

sec-Butylbenzene

Concen: 20.688 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. -0.00 min

Lab File: VX004652.D

Acq: 18 Sep 2018 12:42

Instrument :

MSVOA_X

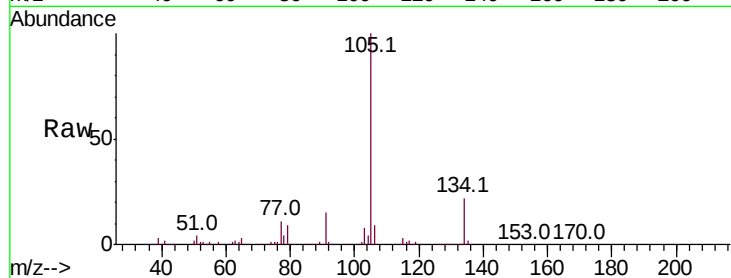
ClientSampled :

Tot Ion:105 Resp: 244908

Ion Ratio Lower Upper

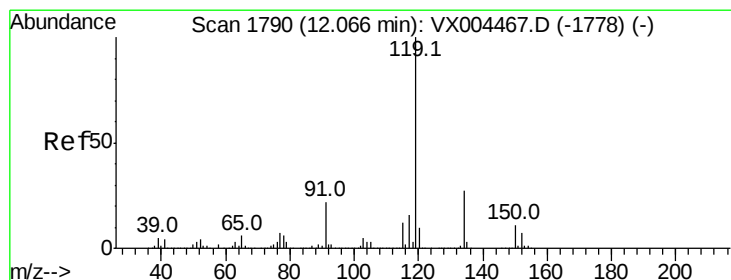
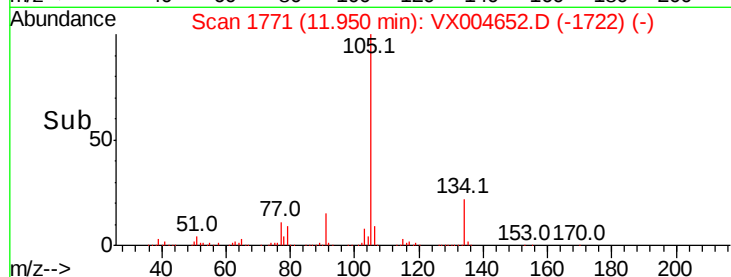
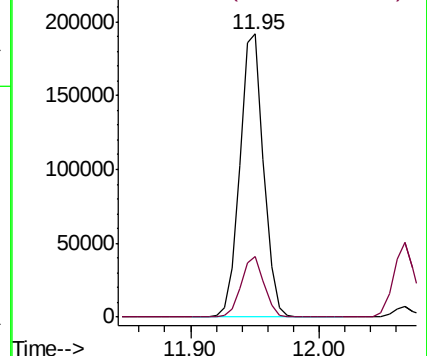
105 100

134 20.9 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: 21.052 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004652.D

Acq: 18 Sep 2018 12:42

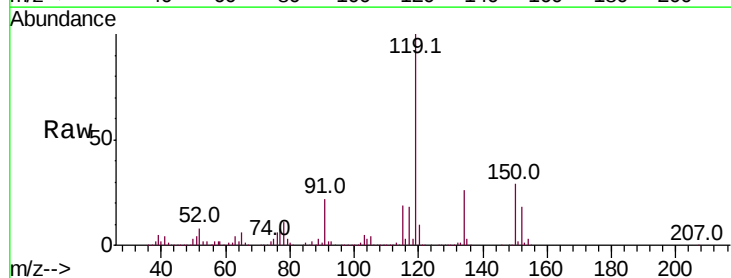
Tgt Ion:119 Resp: 220074

Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.2

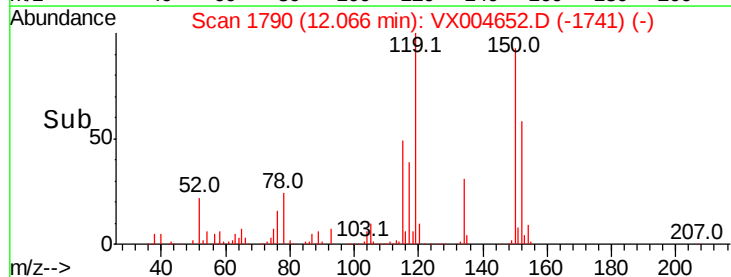
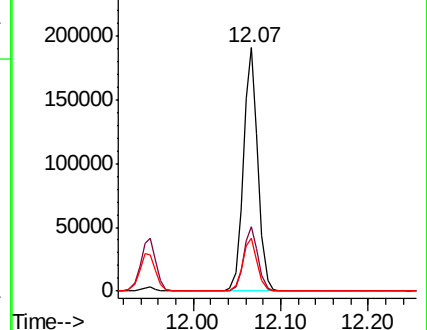
91 21.9 10.9 32.7

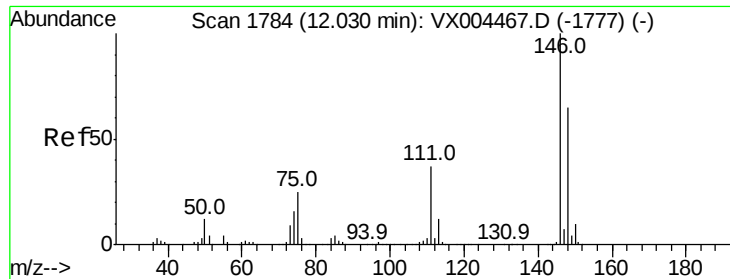


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

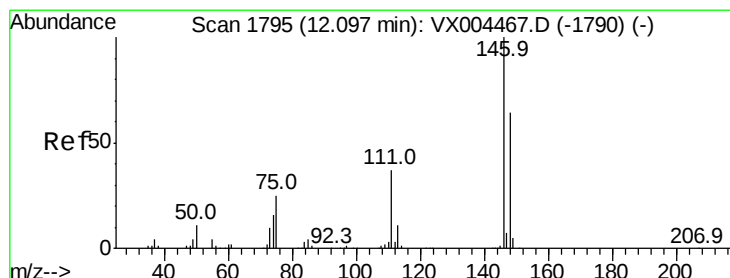
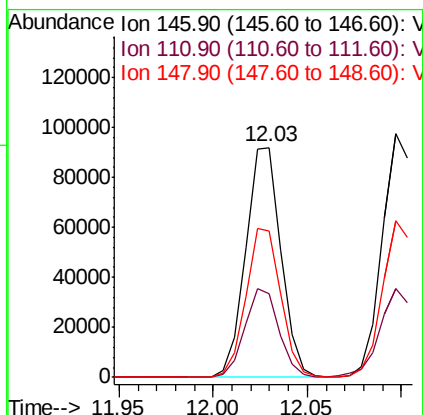
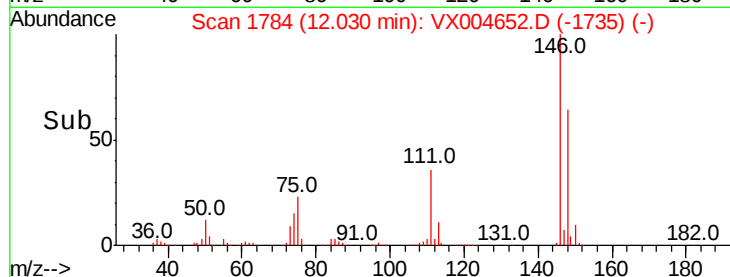
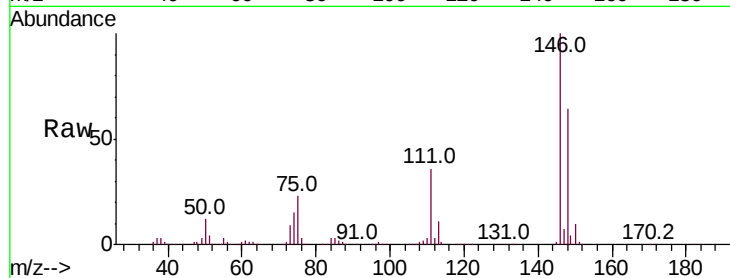




#87
 1,3-Dichlorobenzene
 Concen: 19.935 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX004652.D
 Acq: 18 Sep 2018 12:42

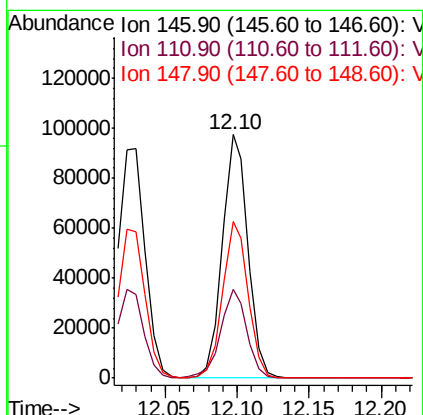
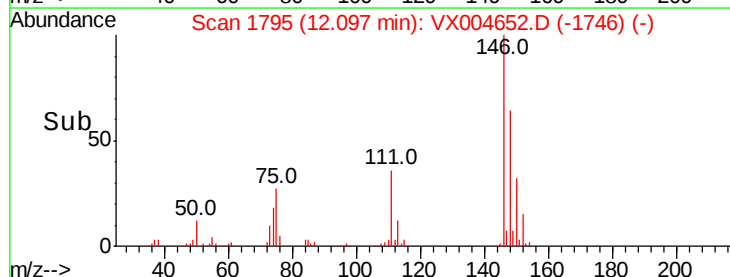
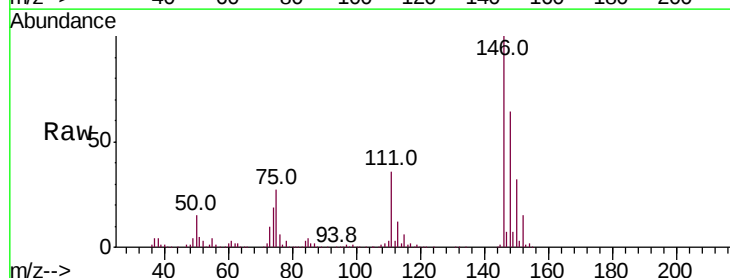
Instrument :
 MSVOA_X
 ClientSampleId :

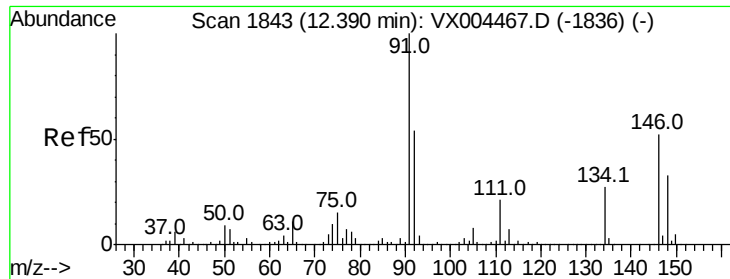
Tot Ion:146 Resp: 119330
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.7 56.1
 148 64.4 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.706 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX004652.D
 Acq: 18 Sep 2018 12:42

Tgt Ion:146 Resp: 121887
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.1 54.1
 148 64.4 32.0 96.0





#89

n-Butylbenzene

Concen: 19.705 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX004652.D

Acq: 18 Sep 2018 12:42

Instrument :

MSVOA_X

ClientSampled :

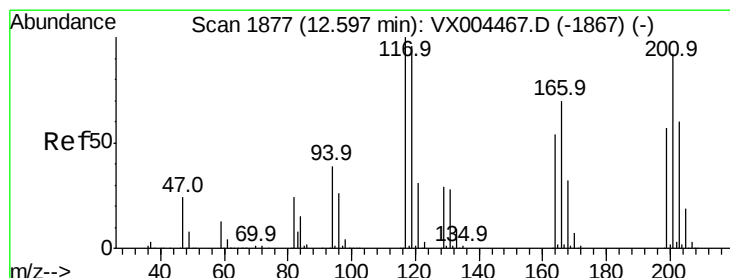
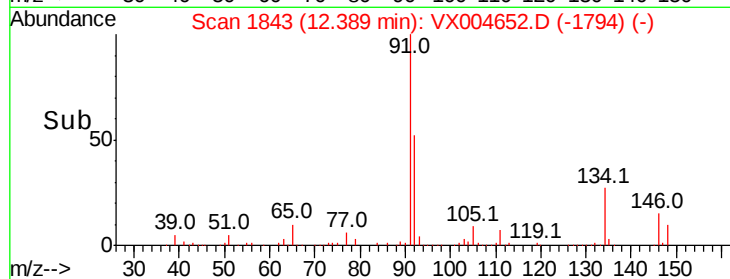
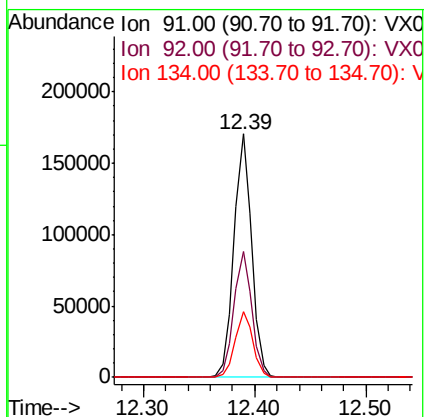
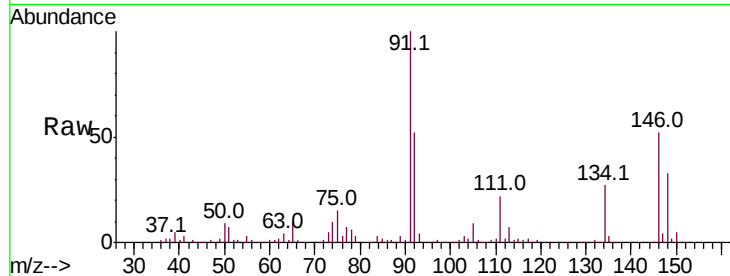
Tot Ion: 91 Resp: 187716

Ion Ratio Lower Upper

91 100

92 52.1 27.3 81.9

134 26.9 13.6 40.7



#90

Hexachloroethane

Concen: 19.290 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX004652.D

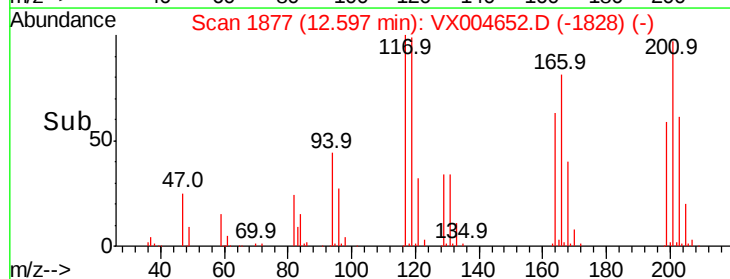
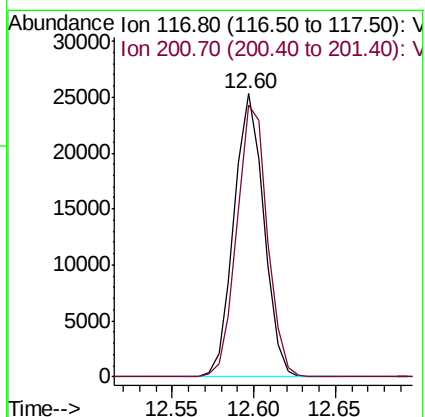
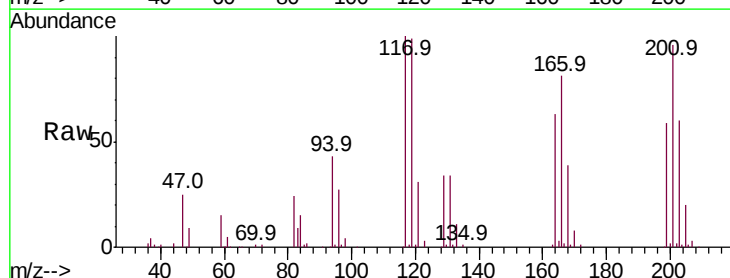
Acq: 18 Sep 2018 12:42

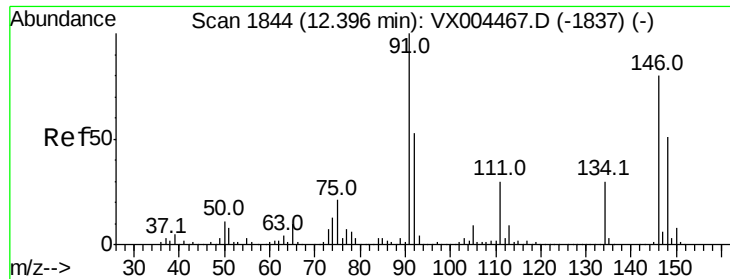
Tgt Ion: 117 Resp: 32283

Ion Ratio Lower Upper

117 100

201 98.0 46.9 140.6

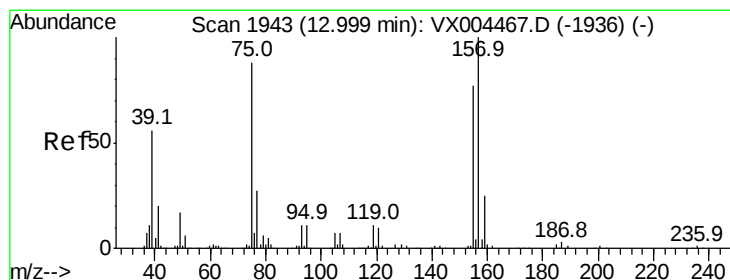
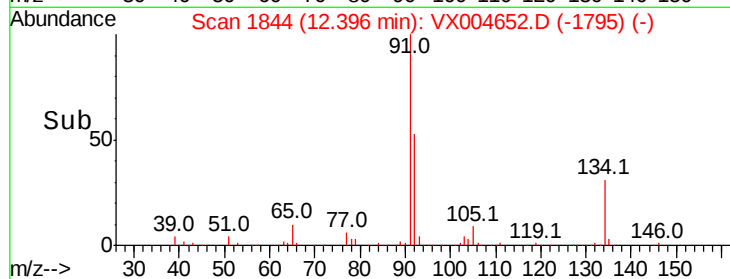
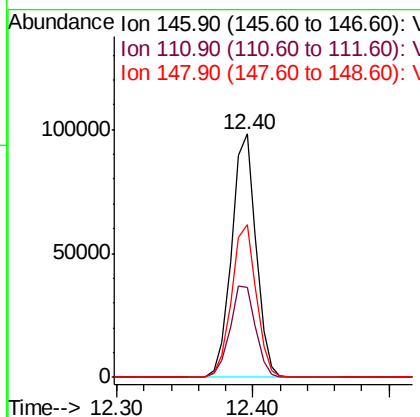
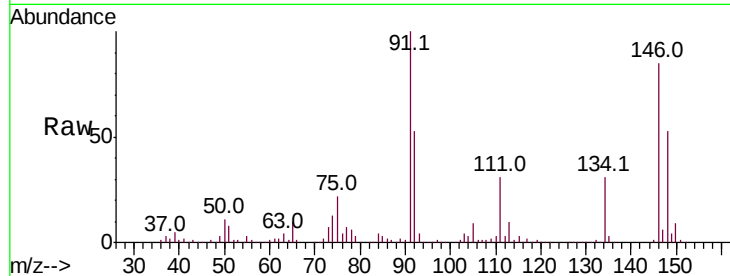




#91
 1,2-Dichlorobenzene
 Concen: 20.135 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: VX004652.D
 Acq: 18 Sep 2018 12:42

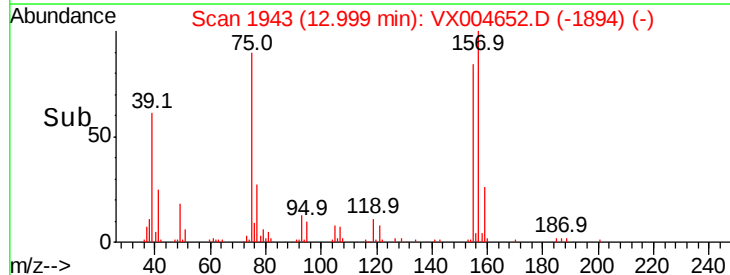
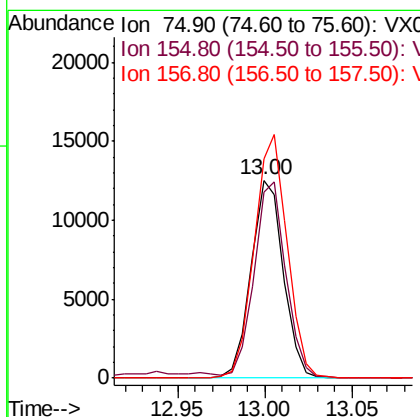
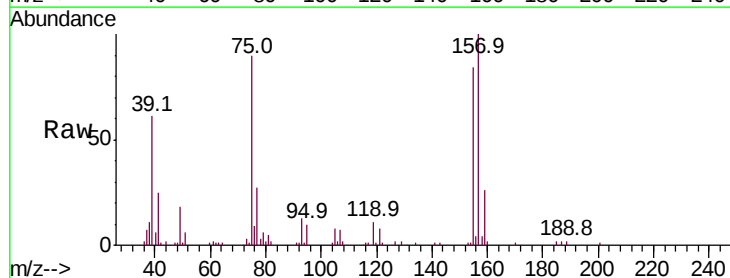
Instrument :
 MSVOA_X
 ClientSampled :

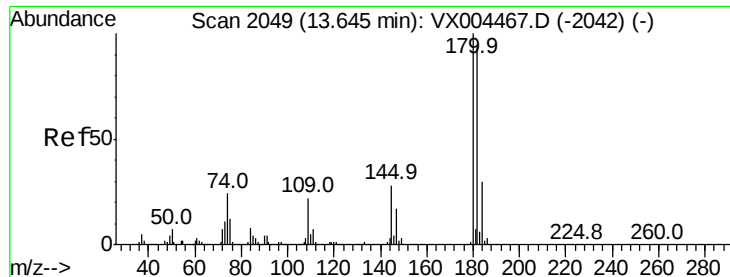
Tot Ion:	146	Resp:	121994
Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.4	58.1
148	63.4	32.8	98.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.095 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX004652.D
 Acq: 18 Sep 2018 12:42

Tgt Ion:	75	Resp:	16065
Ion	Ratio	Lower	Upper
75	100		
155	98.1	48.0	144.2
157	124.9	61.4	184.1

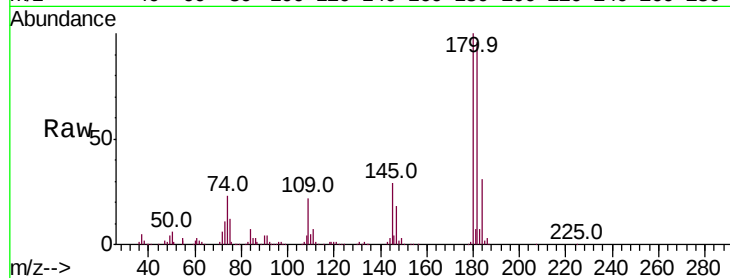




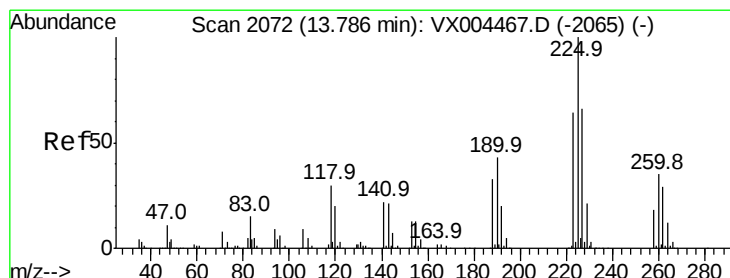
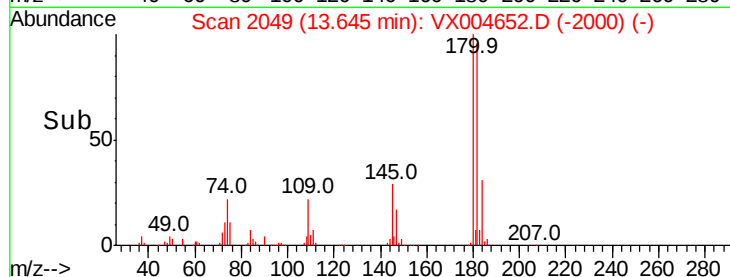
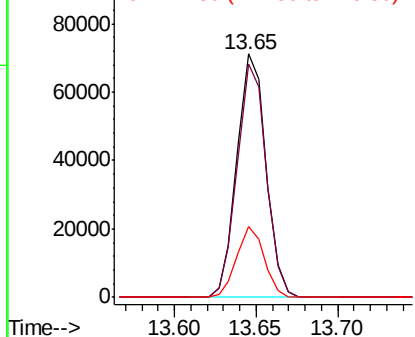
#93
 1,2,4-Trichlorobenzene
 Concen: 20.625 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004652.D
 Acq: 18 Sep 2018 12:42

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.4	145.0
145	27.8	14.3	42.9

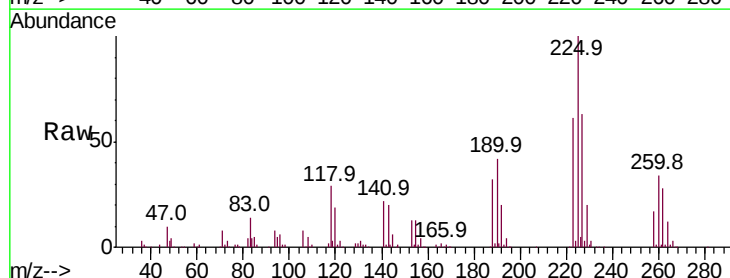


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

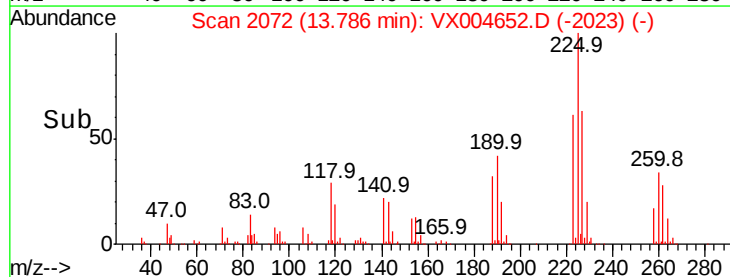
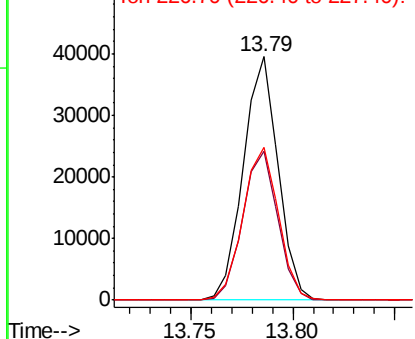


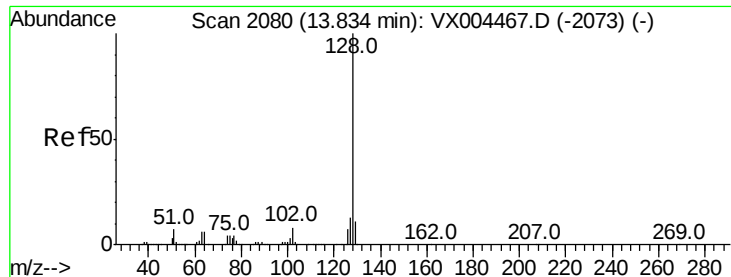
#94
 Hexachlorobutadiene
 Concen: 20.899 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004652.D
 Acq: 18 Sep 2018 12:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	30.1	90.5
227	64.1	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: 21.818 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX004652.D

Acq: 18 Sep 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

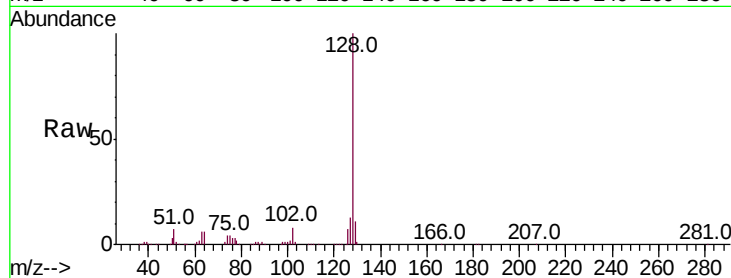
Tot Ion:128 Resp: 262520

Ion Ratio Lower Upper

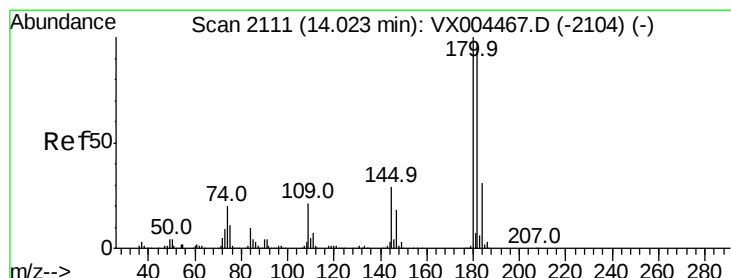
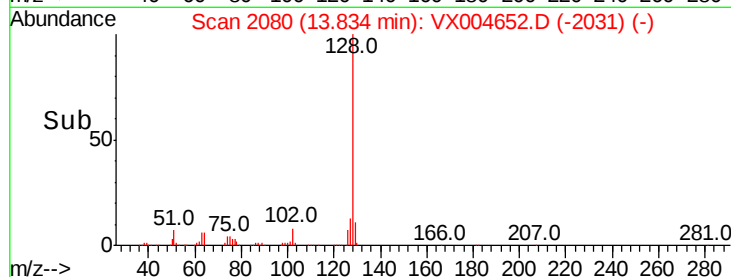
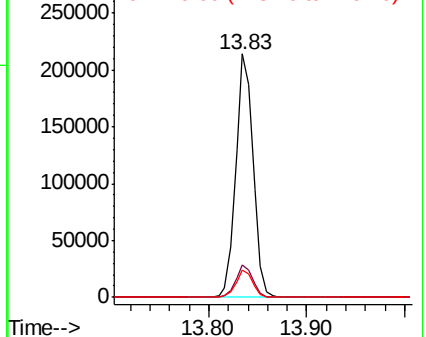
128 100

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: 20.736 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX004652.D

Acq: 18 Sep 2018 12:42

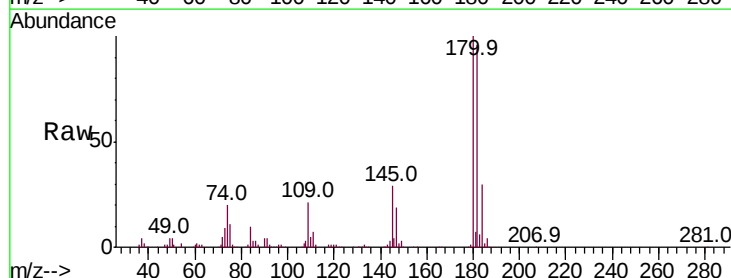
Tgt Ion:180 Resp: 91391

Ion Ratio Lower Upper

180 100

182 96.6 48.5 145.6

145 29.7 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

