

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110918\
 Data File : VX005855.D
 Acq On : 09 Nov 2018 12:26
 Operator : JC/MD
 Sample : VX1109WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBS01

Quant Time: Nov 11 23:48:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	111610	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	152202	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	141698	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	78231	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	62966	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
35) Dibromofluoromethane	5.51	113	49192	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	
50) Toluene-d8	8.71	98	184453	53.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.20%	
62) 4-Bromofluorobenzene	11.14	95	68485	55.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	19766	19.642	ug/l	99
3) Chloromethane	1.32	50	26346	19.950	ug/l	89
4) Vinyl Chloride	1.40	62	25595	19.306	ug/l	98
5) Bromomethane	1.64	94	14986	18.471	ug/l	99
6) Chloroethane	1.72	64	16338	20.653	ug/l	99
7) Trichlorofluoromethane	1.93	101	35275	20.045	ug/l	98
8) Diethyl Ether	2.19	74	14162	20.537	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	20565	20.319	ug/l	98
10) Methyl Iodide	2.51	142	21412	17.455	ug/l	98
11) Tert butyl alcohol	3.05	59	35075	95.426	ug/l	98
12) 1,1-Dichloroethene	2.37	96	19725	19.995	ug/l	88
13) Acrolein	2.29	56	13685	91.263	ug/l	98
14) Allyl chloride	2.73	41	43492	19.740	ug/l	99
15) Acrylonitrile	3.15	53	73551	96.557	ug/l	97
16) Acetone	2.44	43	68394	98.999	ug/l #	85
17) Carbon Disulfide	2.57	76	56500	19.201	ug/l	98
18) Methyl Acetate	2.78	43	37986	19.616	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	70340	20.891	ug/l	96
20) Methylene Chloride	2.85	84	21371	18.832	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	19996	19.217	ug/l	92
22) Diisopropyl ether	3.87	45	80096	20.752	ug/l	98
23) Vinyl Acetate	3.82	43	343812	103.892	ug/l	99
24) 1,1-Dichloroethane	3.70	63	42247	20.516	ug/l	98
25) 2-Butanone	4.70	43	106564	98.113	ug/l	96
26) 2,2-Dichloropropane	4.57	77	31808	21.058	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	22518	19.599	ug/l	98
28) Bromochloromethane	5.02	49	18550	20.157	ug/l	97
29) Tetrahydrofuran	5.15	42	68151	97.724	ug/l	99
30) Chloroform	5.21	83	38352	19.305	ug/l	96
31) Cyclohexane	5.58	56	35645	19.941	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	33427	20.172	ug/l	99
36) 1,1-Dichloropropene	5.80	75	28367	19.333	ug/l	98
37) Ethyl Acetate	4.85	43	37852	19.618	ug/l	98
38) Carbon Tetrachloride	5.78	117	30079	20.477	ug/l #	83

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Quant Time: Nov 11 23:48:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	31832	21.405	ug/l	96
40) Benzene	6.15	78	84444	19.742	ug/l	99
41) Methacrylonitrile	5.06	41	20571	19.731	ug/l #	87
42) 1,2-Dichloroethane	6.20	62	31707	20.696	ug/l	100
43) Isopropyl Acetate	6.45	43	54518	19.500	ug/l	97
44) Trichloroethene	7.21	130	22536	20.746	ug/l	88
45) 1,2-Dichloropropane	7.51	63	22319	21.498	ug/l	99
46) Dibromomethane	7.66	93	14108	21.655	ug/l	98
47) Bromodichloromethane	7.90	83	27134	22.038	ug/l	100
48) Methyl methacrylate	7.77	41	27099	21.586	ug/l	98
49) 1,4-Dioxane	7.75	88	11767	434.981	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	185006	104.995	ug/l	100
52) Toluene	8.79	92	50062	20.941	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	29614	20.382	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	32170	21.723	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	20660	19.391	ug/l	98
56) Ethyl methacrylate	9.18	69	30985	19.437	ug/l	100
57) 1,3-Dichloropropane	9.37	76	35226	19.674	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	90483	108.993	ug/l	99
59) 2-Hexanone	9.49	43	147049	94.677	ug/l	99
60) Dibromochloromethane	9.59	129	21579	18.741	ug/l	99
61) 1,2-Dibromoethane	9.67	107	21520	18.266	ug/l	99
64) Tetrachloroethene	9.34	164	23064	19.118	ug/l	98
65) Chlorobenzene	10.14	112	56763	19.996	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	20183	20.451	ug/l	98
67) Ethyl Benzene	10.25	91	96690	21.242	ug/l	100
68) m/p-Xylenes	10.36	106	74529	42.925	ug/l	99
69) o-Xylene	10.70	106	35618	22.877	ug/l	100
70) Styrene	10.71	104	58993	22.970	ug/l	99
71) Bromoform	10.86	173	17205	20.797	ug/l #	99
73) Isopropylbenzene	11.02	105	98505	21.774	ug/l	99
74) N-amyl acetate	10.90	43	46168	18.984	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	33369	20.096	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	39126	24.562	ug/l	87
77) Bromobenzene	11.26	156	25856	20.277	ug/l	99
78) n-propylbenzene	11.36	91	114565	21.488	ug/l	99
79) 2-Chlorotoluene	11.42	91	68915	21.384	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	83727	21.779	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	10084	20.176	ug/l	98
82) 4-Chlorotoluene	11.51	91	81511	21.461	ug/l	100
83) tert-Butylbenzene	11.77	119	82341	21.171	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	86271	20.263	ug/l	100
85) sec-Butylbenzene	11.94	105	101015	21.239	ug/l	100
86) p-Isopropyltoluene	12.07	119	90554	21.495	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	48531	19.831	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	49128	19.611	ug/l	99
89) n-Butylbenzene	12.39	91	80477	20.611	ug/l	99
90) Hexachloroethane	12.60	117	14623	20.790	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	48817	19.913	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	7915	19.533	ug/l	99

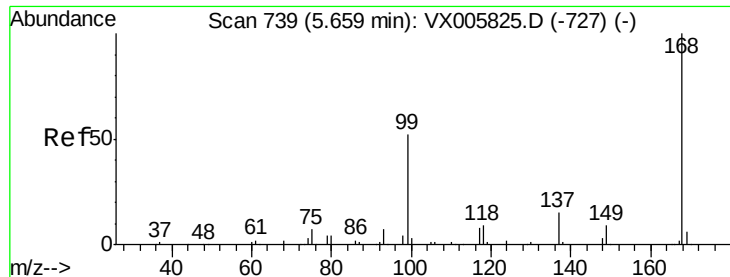
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX110918\
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Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	35921	20.814	ug/l	99
94) Hexachlorobutadiene	13.78	225	18678	20.603	ug/l	97
95) Naphthalene	13.83	128	105763	19.526	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	36938	21.009	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

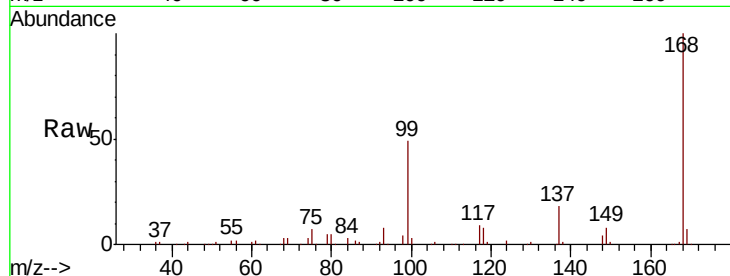
VX1109WBS01

Tot Ion:168 Resp: 111610

Ion Ratio Lower Upper

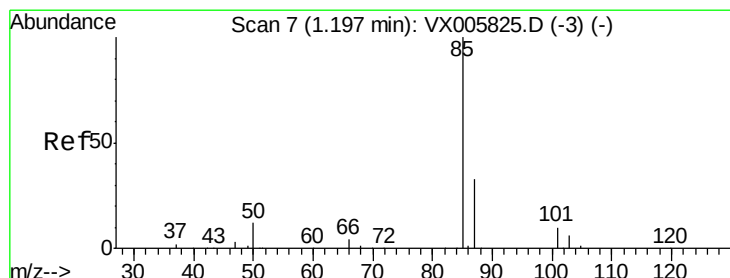
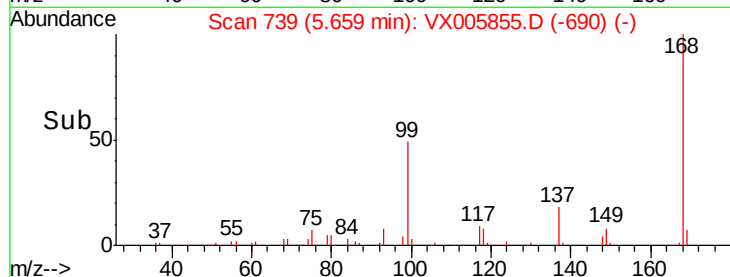
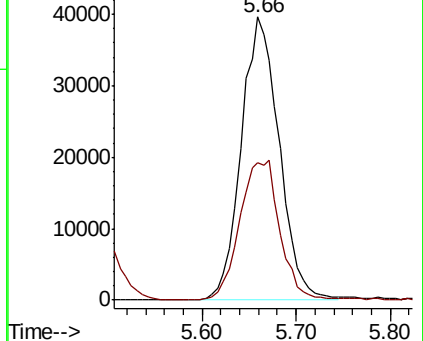
168 100

99 48.7 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.642 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005855.D

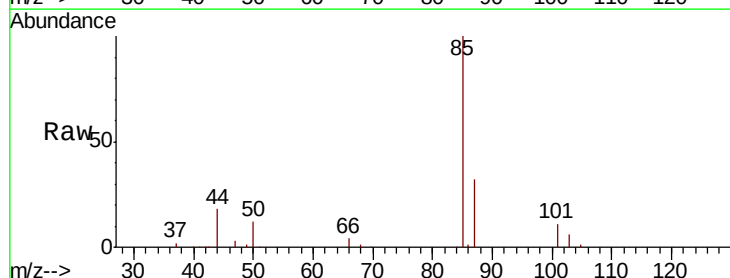
Acq: 09 Nov 2018 12:26

Tgt Ion: 85 Resp: 19766

Ion Ratio Lower Upper

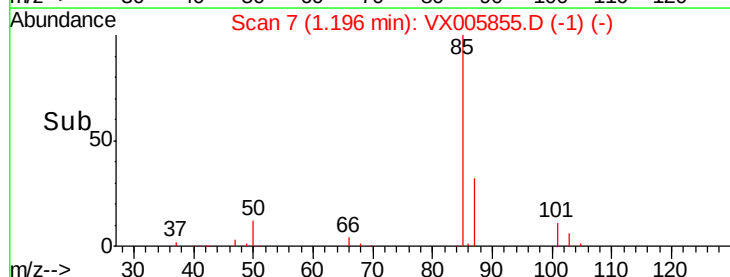
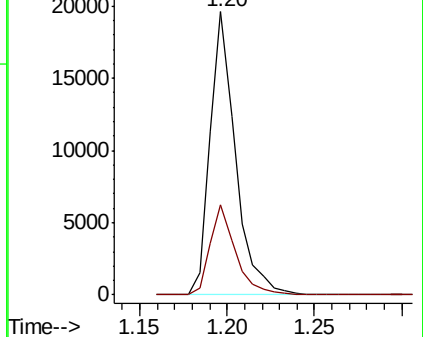
85 100

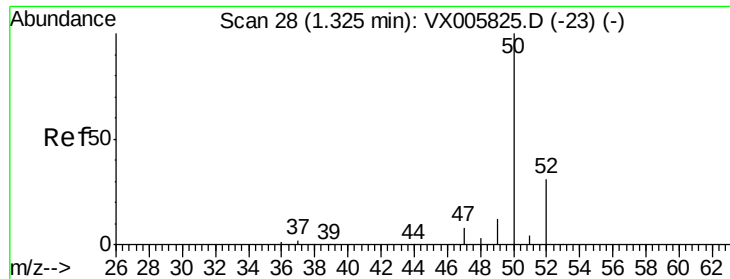
87 31.9 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

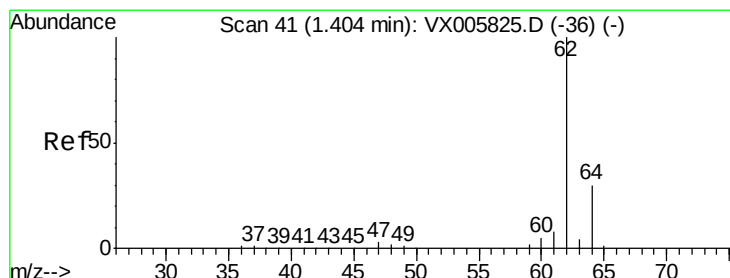
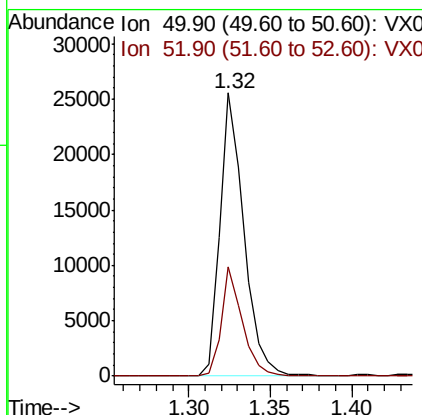
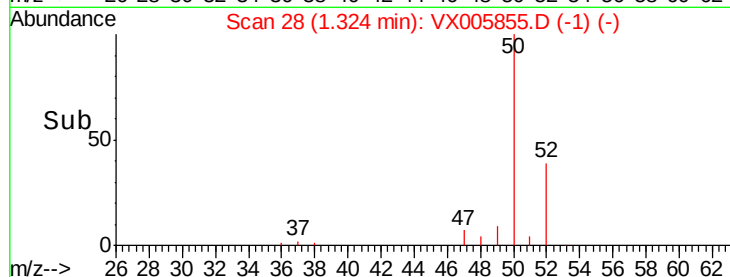
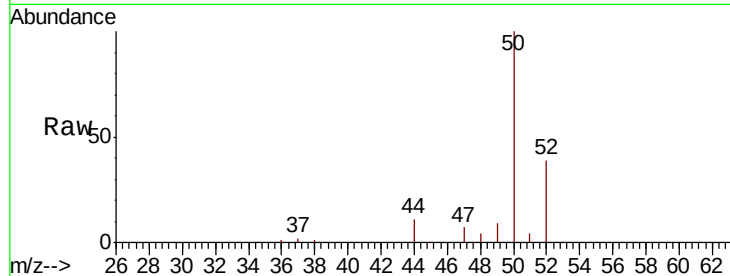




#3
Chloromethane
Concen: 19.950 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.00 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

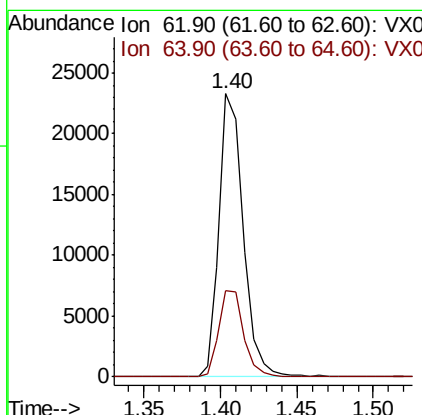
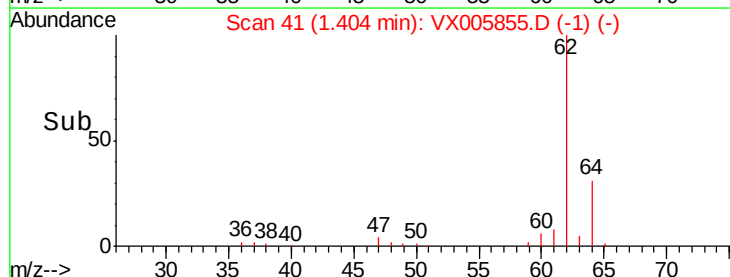
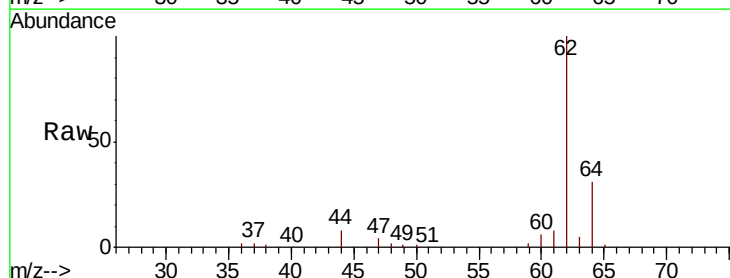
Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

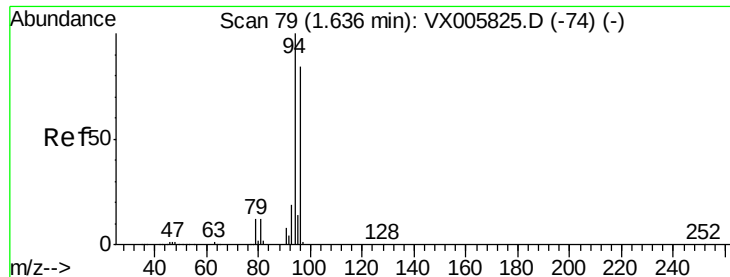
Tot Ion: 50 Resp: 26346
Ion Ratio Lower Upper
50 100
52 38.8 26.2 39.2



#4
Vinyl Chloride
Concen: 19.306 ug/l
RT: 1.40 min Scan# 41
Delta R.T. -0.00 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Tgt Ion: 62 Resp: 25595
Ion Ratio Lower Upper
62 100
64 30.5 25.3 37.9





#5

Bromomethane

Concen: 18.471 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

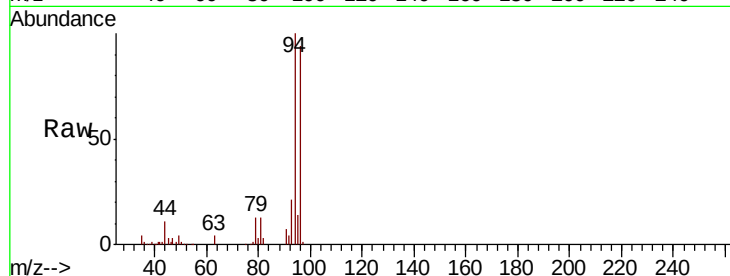
VX1109WBS01

Tot Ion: 94 Resp: 14986

Ion Ratio Lower Upper

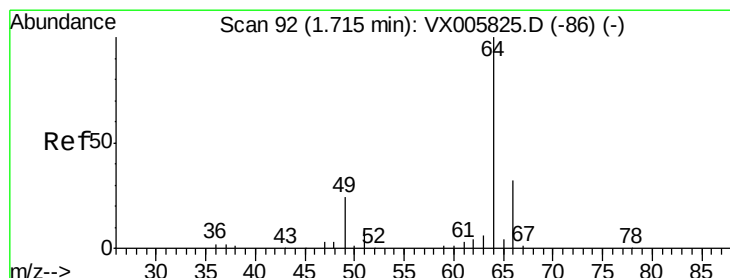
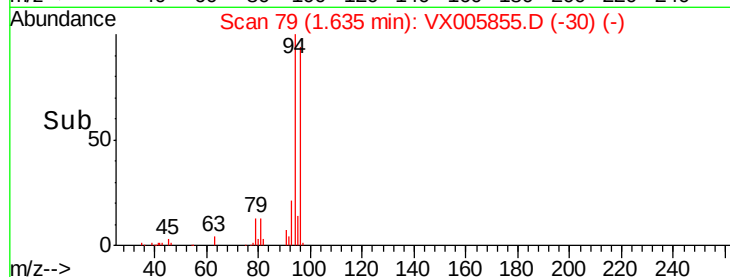
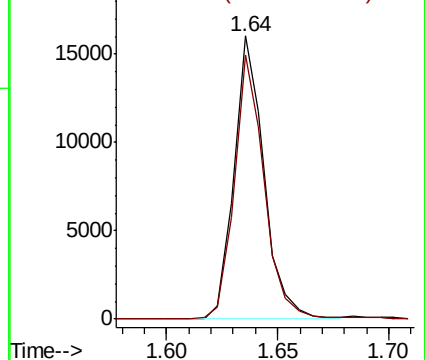
94 100

96 93.5 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.653 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005855.D

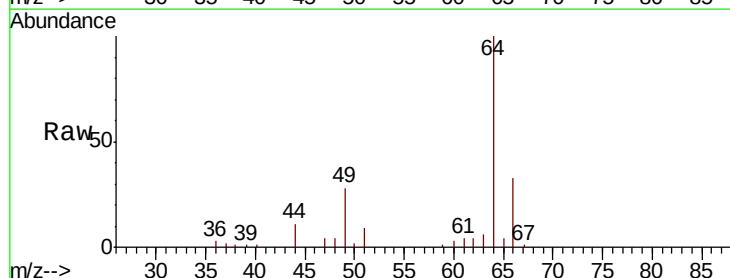
Acq: 09 Nov 2018 12:26

Tgt Ion: 64 Resp: 16338

Ion Ratio Lower Upper

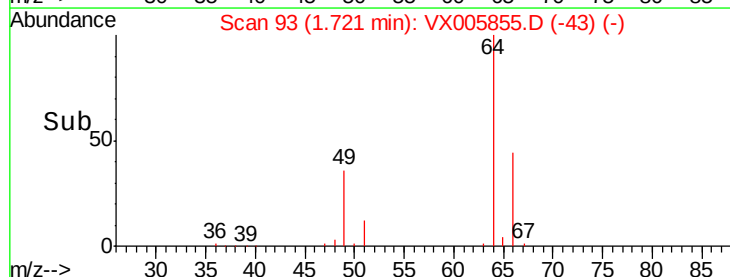
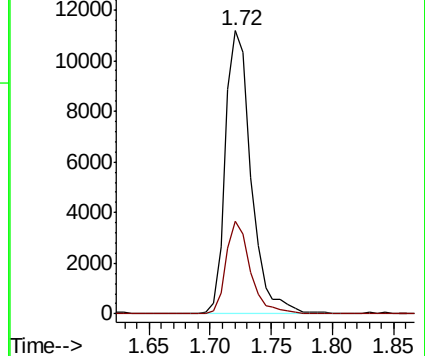
64 100

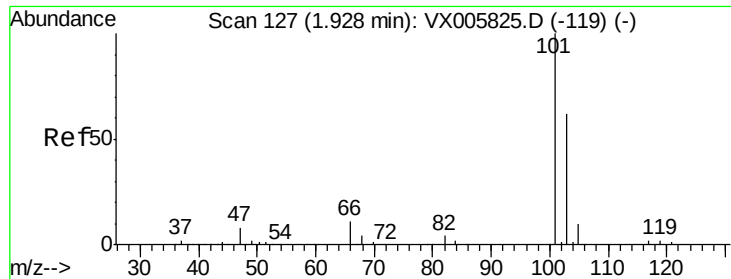
66 32.6 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



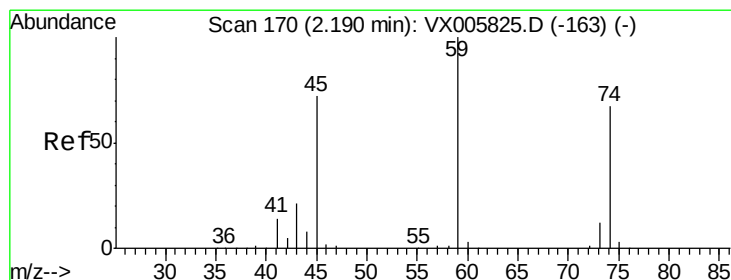
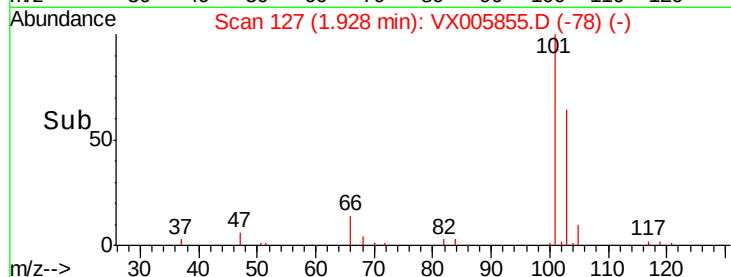
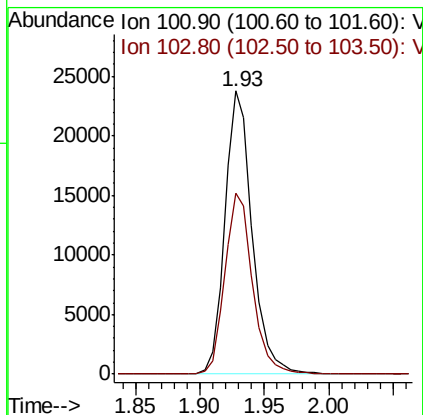
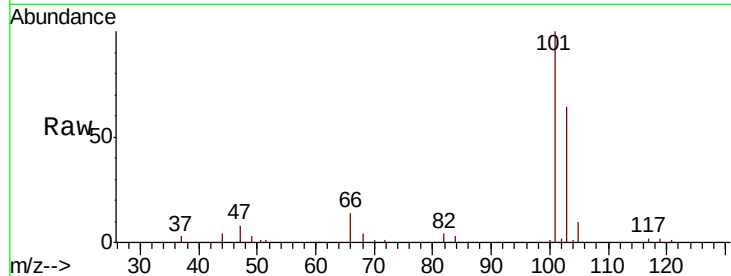


#7

Trichlorofluoromethane
Concen: 20.045 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

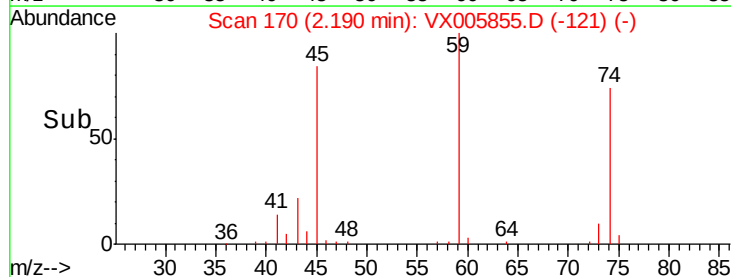
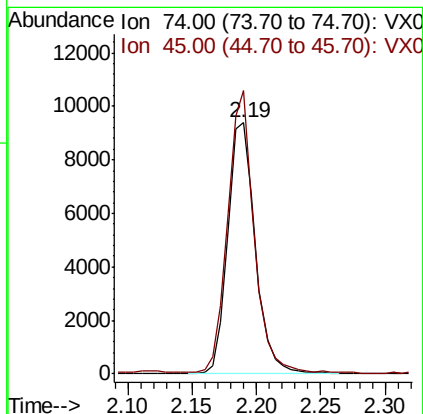
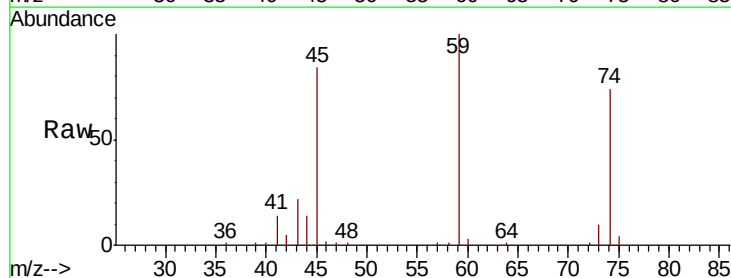
Tot Ion:101 Resp: 35275
Ion Ratio Lower Upper
101 100
103 63.8 50.0 75.0

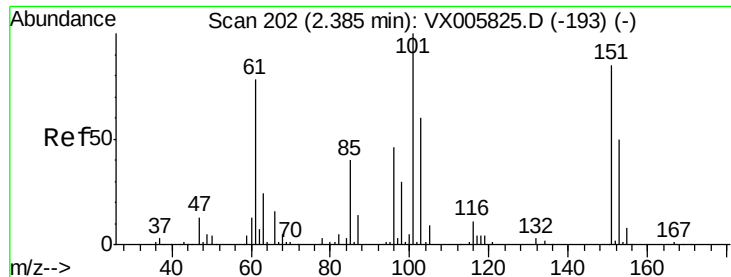


#8

Diethyl Ether
Concen: 20.537 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Tgt Ion: 74 Resp: 14162
Ion Ratio Lower Upper
74 100
45 106.8 54.1 162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.319 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBS01

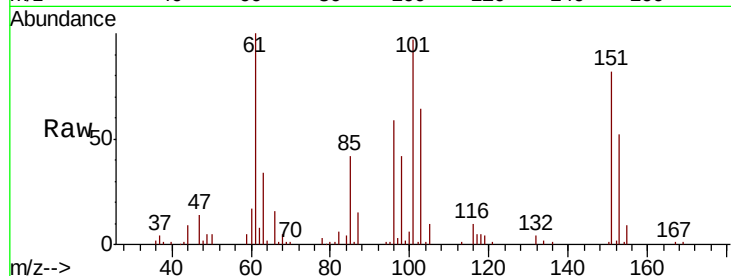
Tot Ion:101 Resp: 20565

Ion Ratio Lower Upper

101 100

85 45.0 35.0 52.4

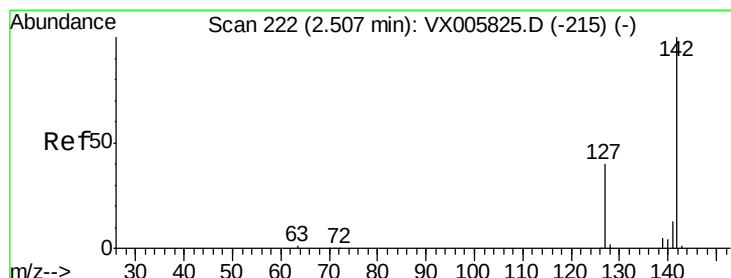
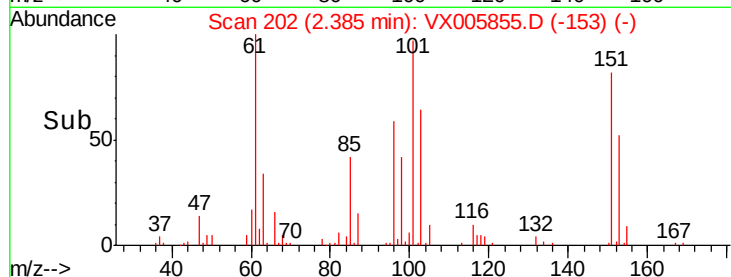
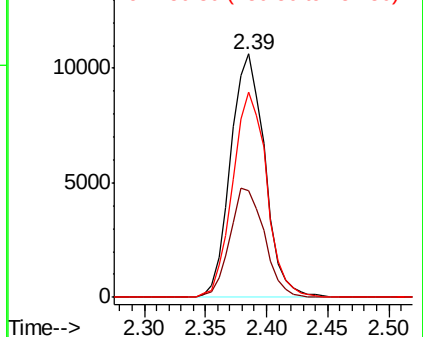
151 84.5 66.2 99.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.455 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

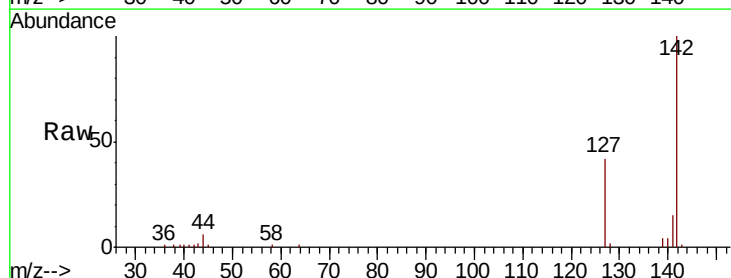
Tgt Ion:142 Resp: 21412

Ion Ratio Lower Upper

142 100

127 43.2 36.0 54.0

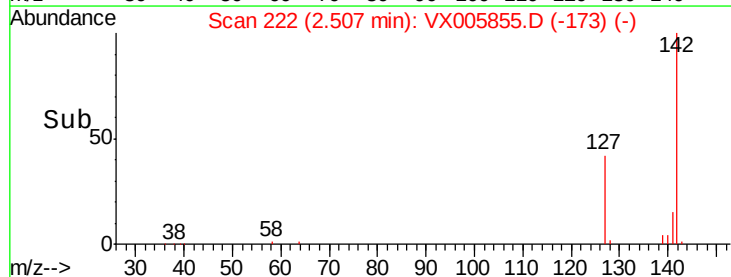
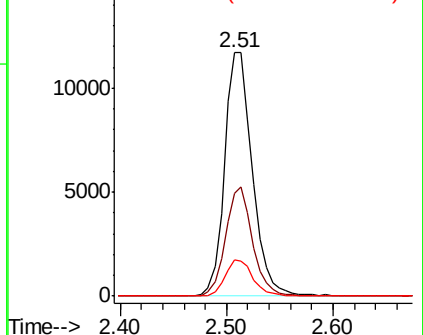
141 14.4 11.7 17.5

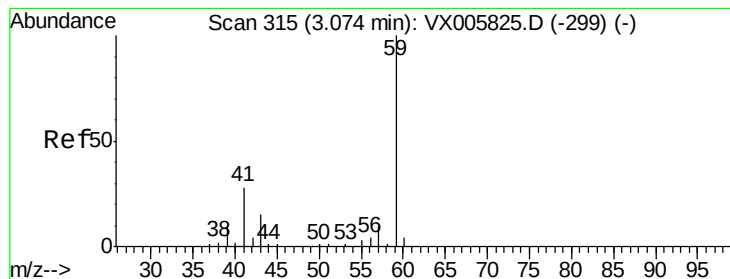


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



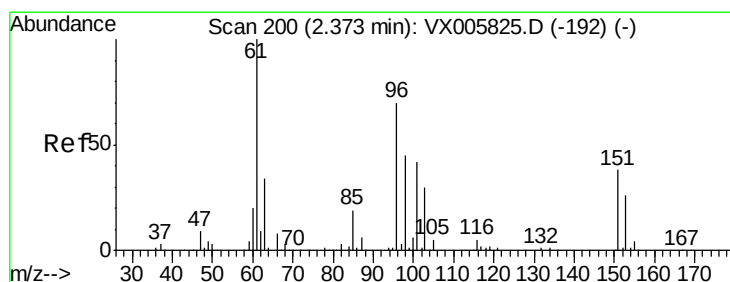
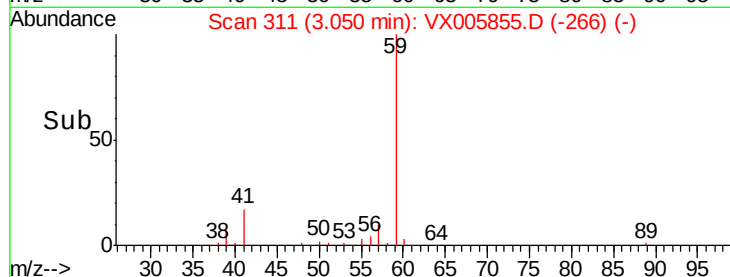
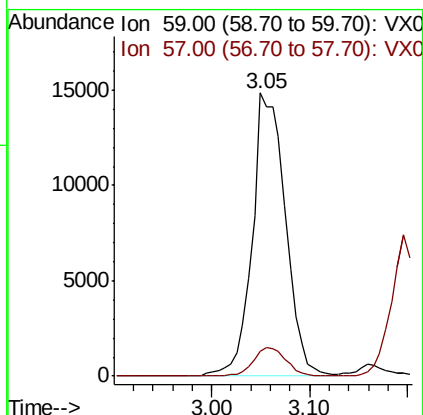
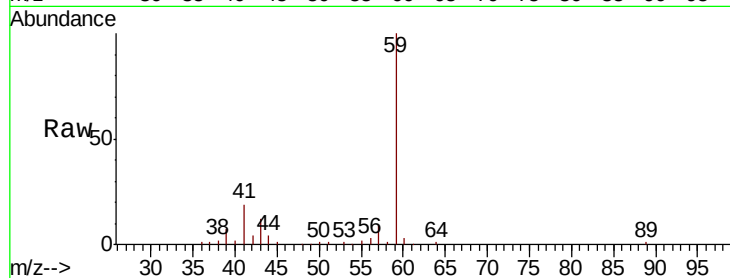


#11

Tert butyl alcohol
 Concen: 95.426 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. -0.02 min
 Lab File: VX005855.D
 Acq: 09 Nov 2018 12:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBS01

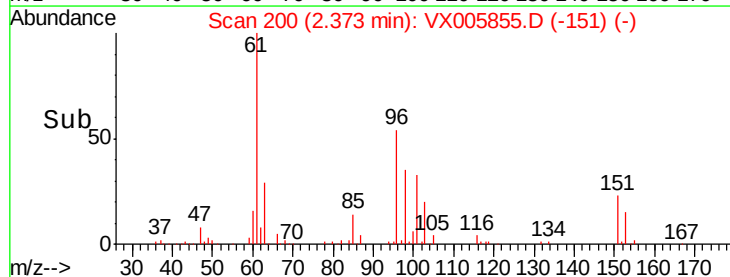
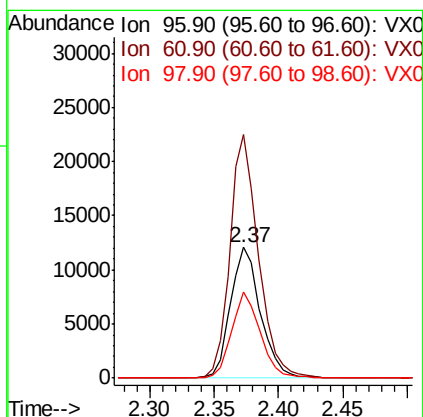
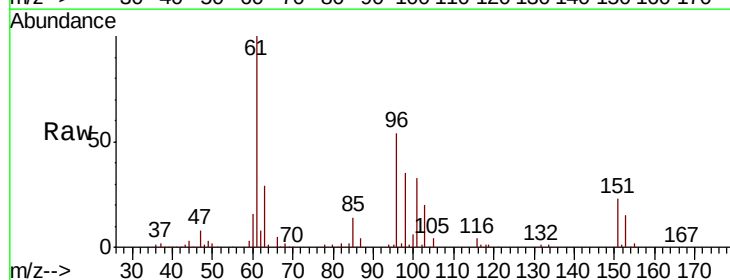
Tot Ion: 59 Resp: 35075
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.5 12.7

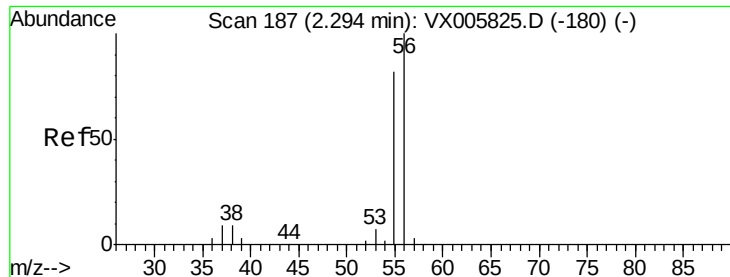


#12

1,1-Dichloroethene
 Concen: 19.995 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX005855.D
 Acq: 09 Nov 2018 12:26

Tgt Ion: 96 Resp: 19725
 Ion Ratio Lower Upper
 96 100
 61 186.2 131.8 197.8
 98 65.9 53.4 80.2





#13

Acrolein

Concen: 91.263 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

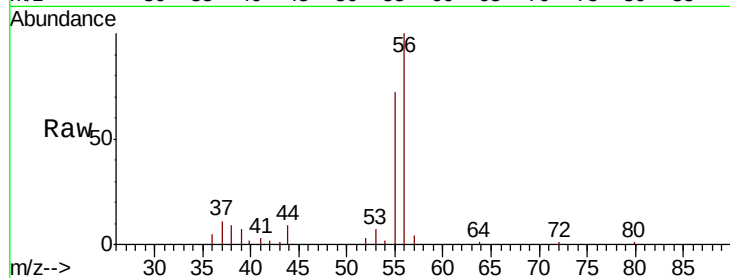
VX1109WBS01

Tot Ion: 56 Resp: 13685

Ion Ratio Lower Upper

56 100

55 73.3 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

8000

6000

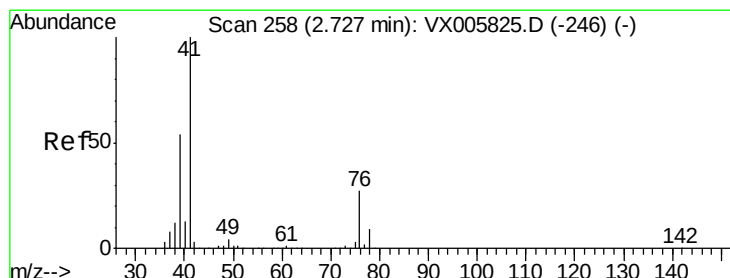
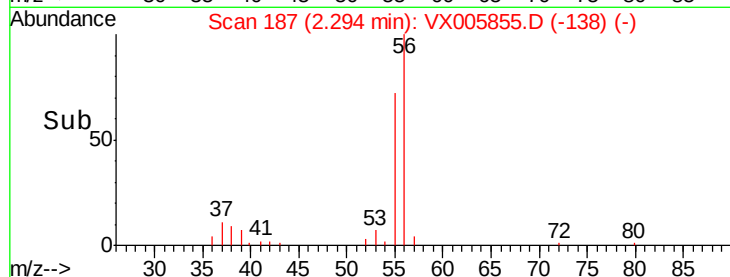
4000

2000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 19.740 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

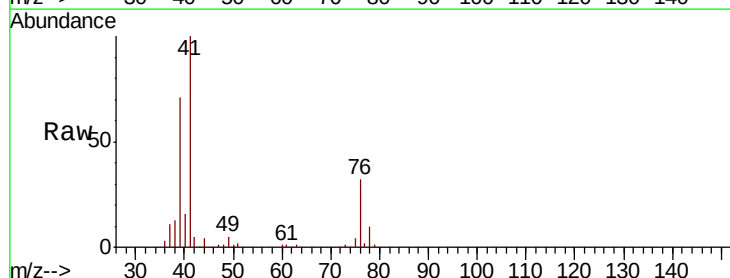
Tgt Ion: 41 Resp: 43492

Ion Ratio Lower Upper

41 100

39 59.8 48.2 72.4

76 27.5 21.9 32.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

40000

30000

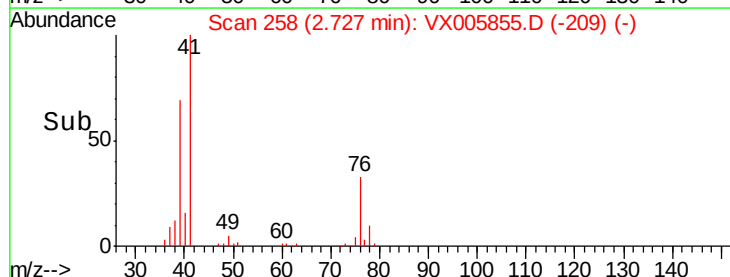
20000

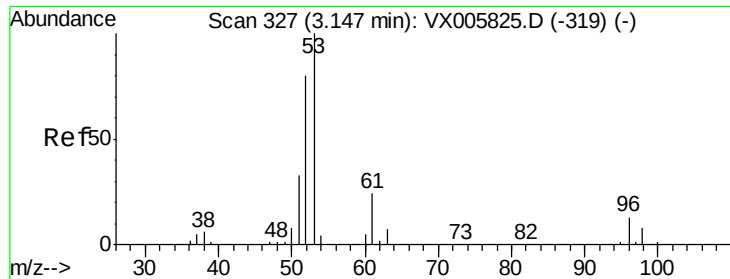
10000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 96.557 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBS01

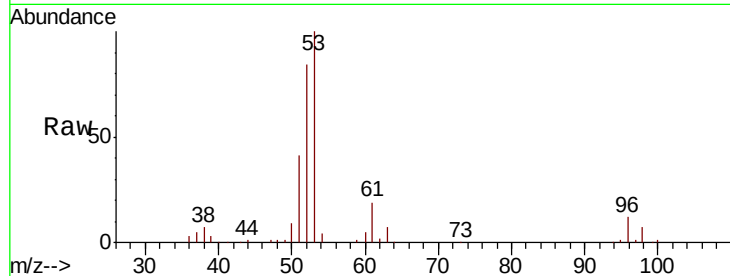
Tot Ion: 53 Resp: 73551

Ion Ratio Lower Upper

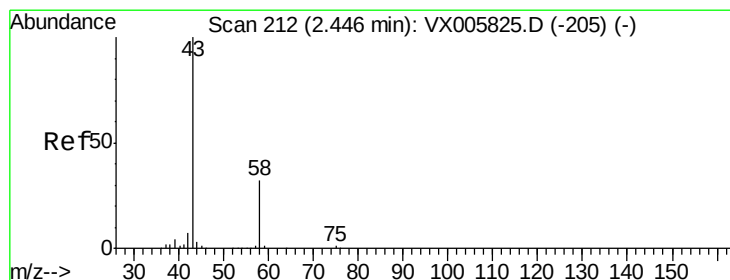
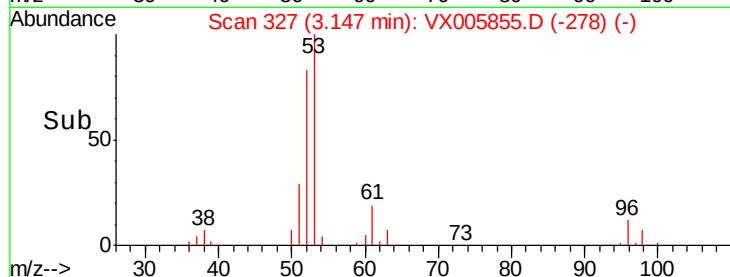
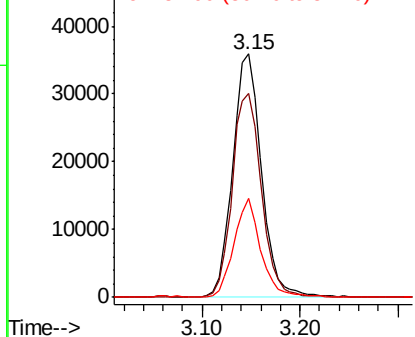
53 100

52 85.3 66.6 99.8

51 38.2 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 98.999 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX005855.D

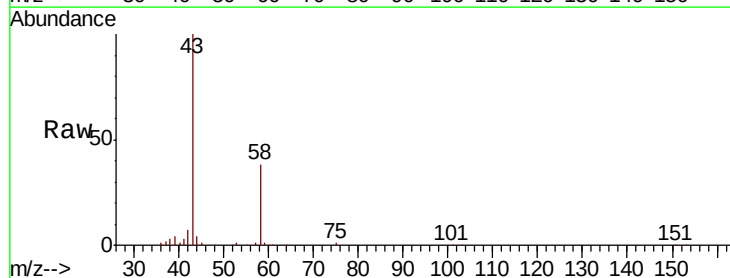
Acq: 09 Nov 2018 12:26

Tgt Ion: 43 Resp: 68394

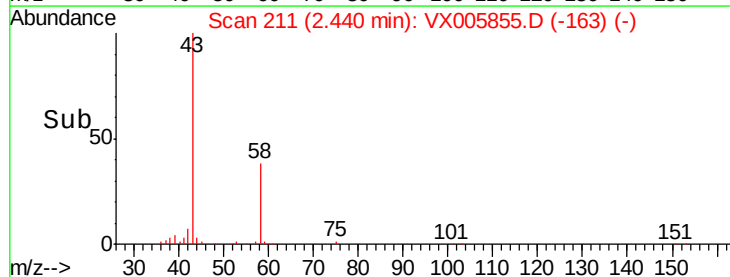
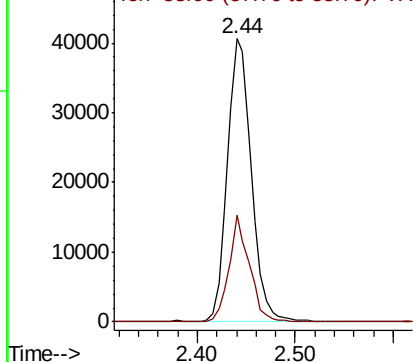
Ion Ratio Lower Upper

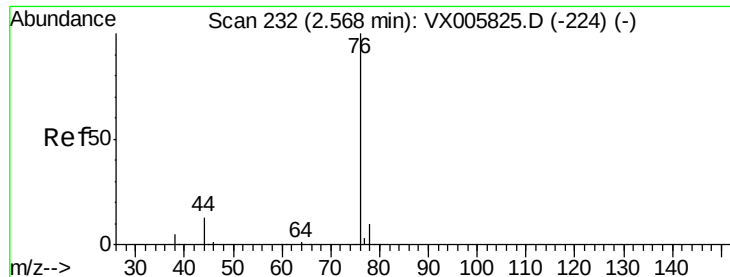
43 100

58 38.0 23.8 35.6#



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





#17

Carbon Disulfide

Concen: 19.201 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

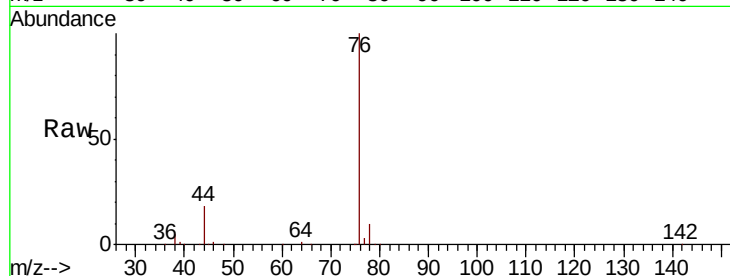
VX1109WBS01

Tot Ion: 76 Resp: 56500

Ion Ratio Lower Upper

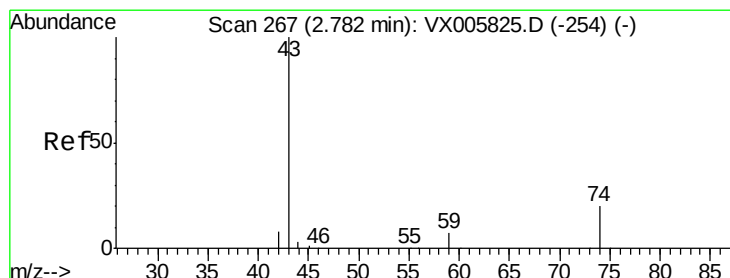
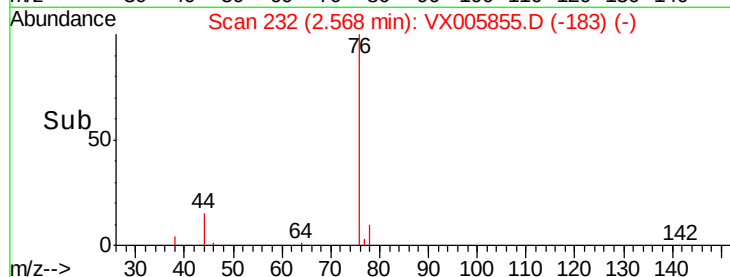
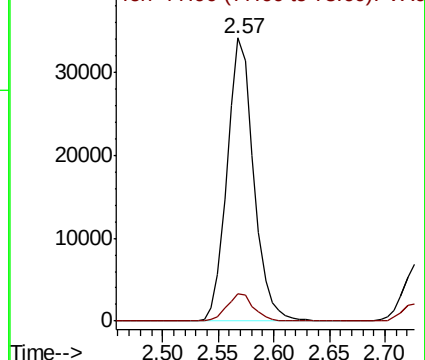
76 100

78 9.8 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.616 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005855.D

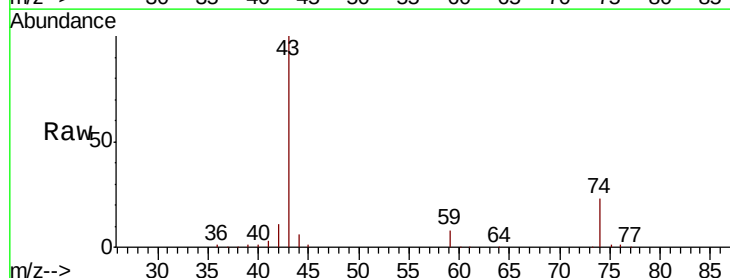
Acq: 09 Nov 2018 12:26

Tgt Ion: 43 Resp: 37986

Ion Ratio Lower Upper

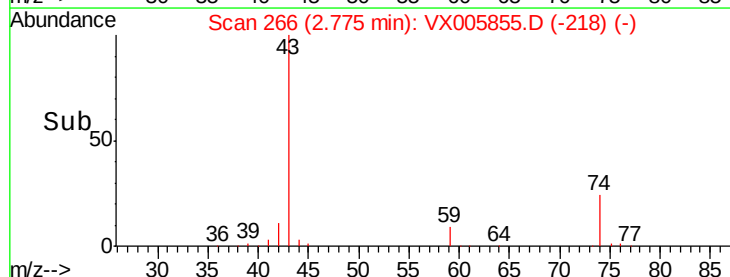
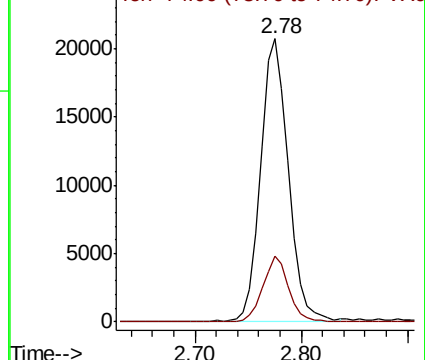
43 100

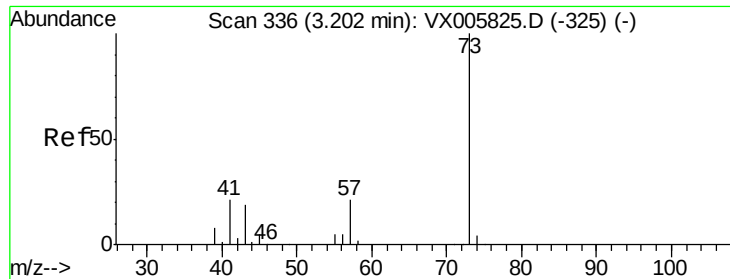
74 21.8 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

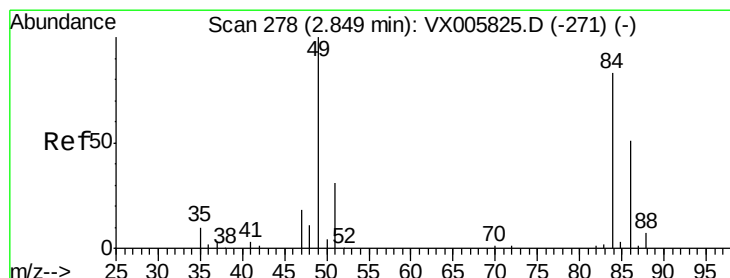
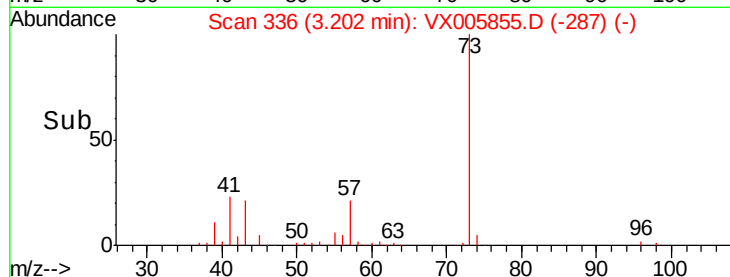
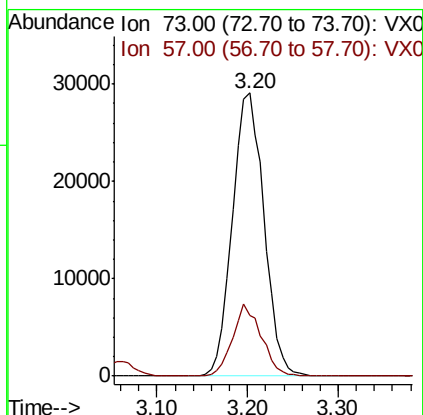
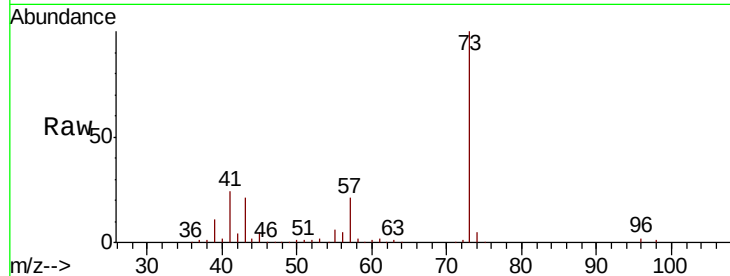




#19
Methyl tert-butyl Ether
Concen: 20.891 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

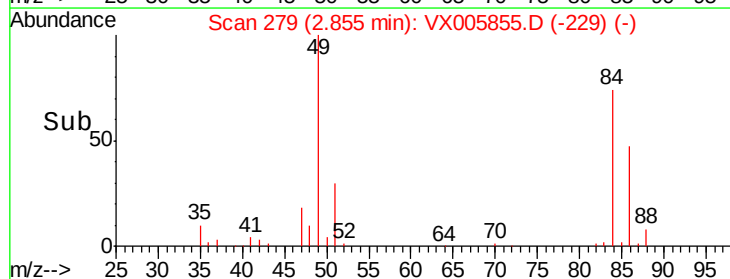
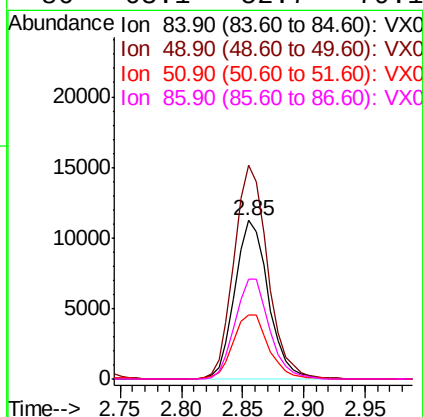
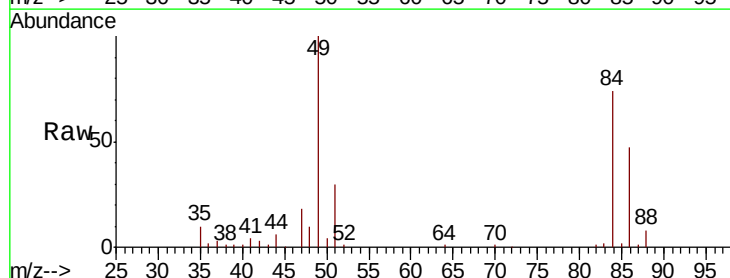
Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

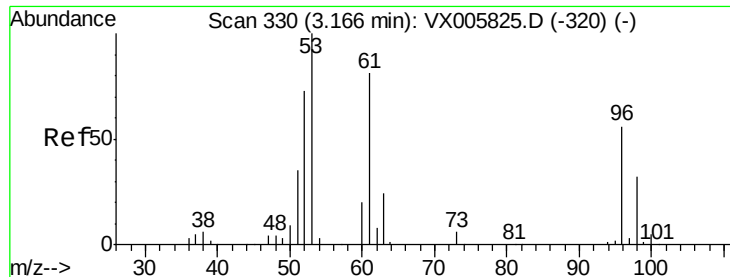
Tot Ion: 73 Resp: 70340
Ion Ratio Lower Upper
73 100
57 21.4 18.8 28.2



#20
Methylene Chloride
Concen: 18.832 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Tgt Ion: 84 Resp: 21371
Ion Ratio Lower Upper
84 100
49 134.7 109.5 164.3
51 40.7 33.3 49.9
86 63.1 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 19.217 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

Instrument :

MSVOA_X

ClientSampled :

VX1109WBS01

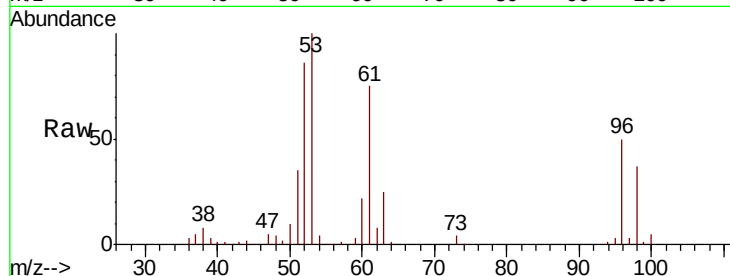
Tot Ion: 96 Resp: 19996

Ion Ratio Lower Upper

96 100

61 151.0 115.6 173.4

98 73.6 50.2 75.2

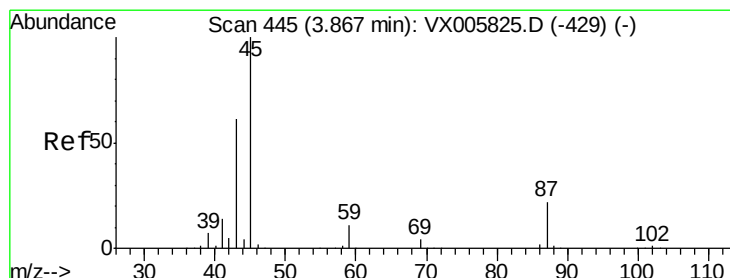
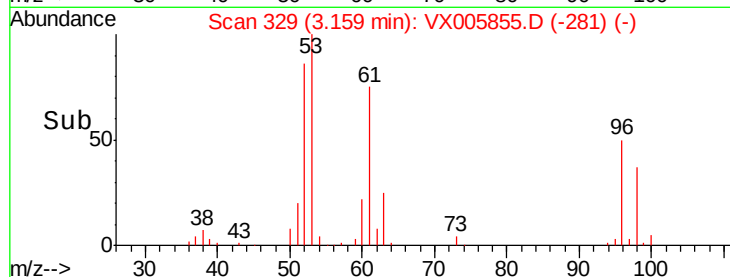
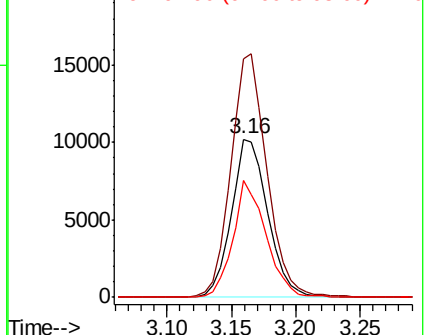


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.752 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

Tgt Ion: 45 Resp: 80096

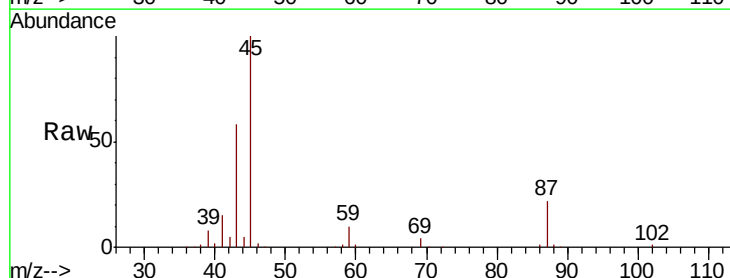
Ion Ratio Lower Upper

45 100

43 58.0 47.4 71.2

87 22.3 15.9 23.9

59 9.6 7.7 11.5



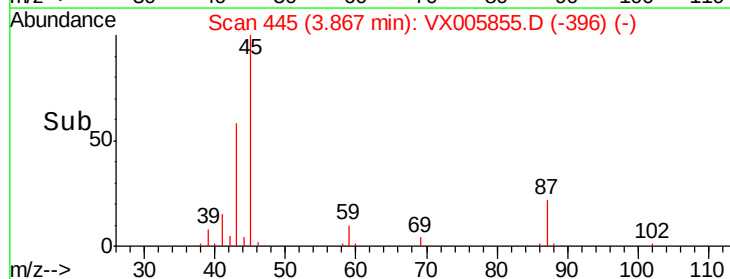
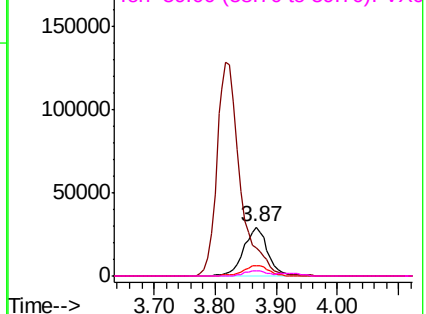
Abundance

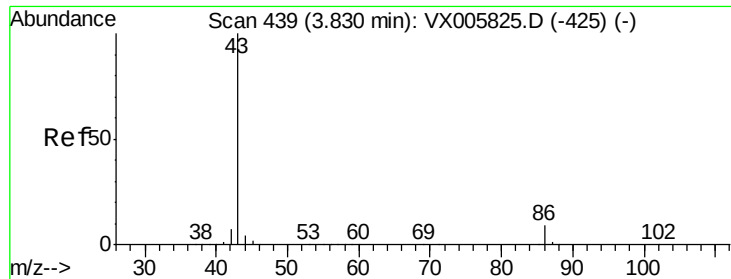
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 103.892 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

Instrument :

MSVOA_X

ClientSampled :

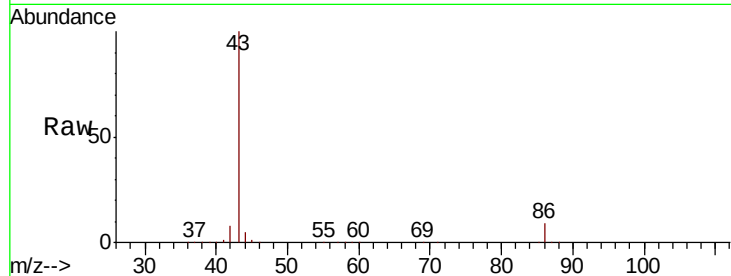
VX1109WBS01

Tot Ion: 43 Resp: 343812

Ion Ratio Lower Upper

43 100

86 8.9 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

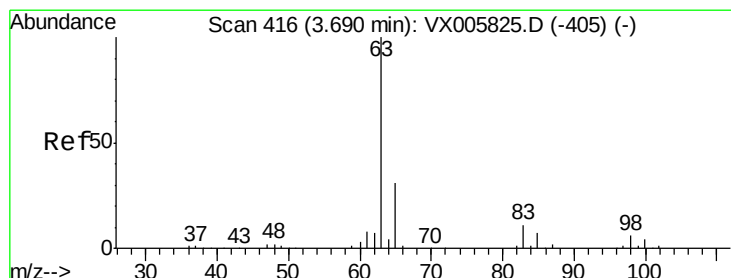
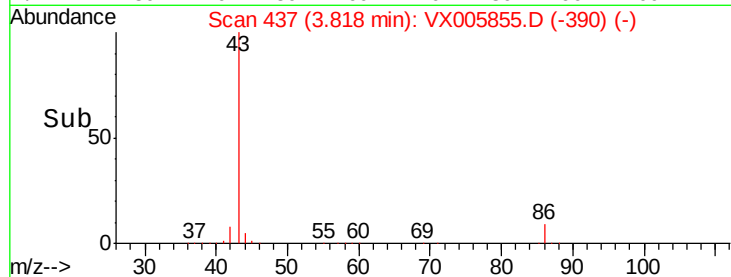
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.516 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

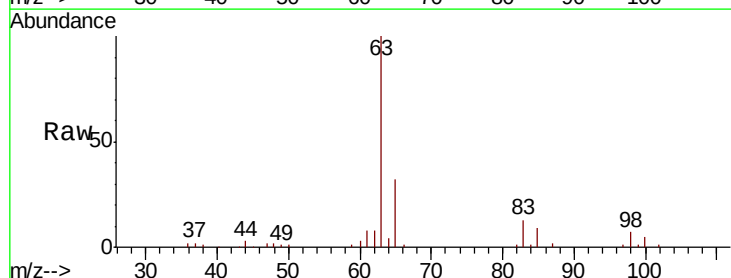
Tgt Ion: 63 Resp: 42247

Ion Ratio Lower Upper

63 100

98 6.8 3.2 9.6

100 5.3 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

20000

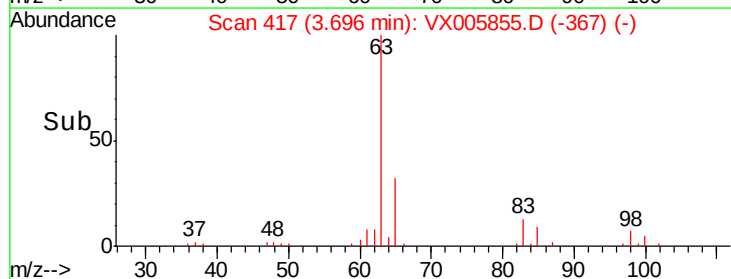
15000

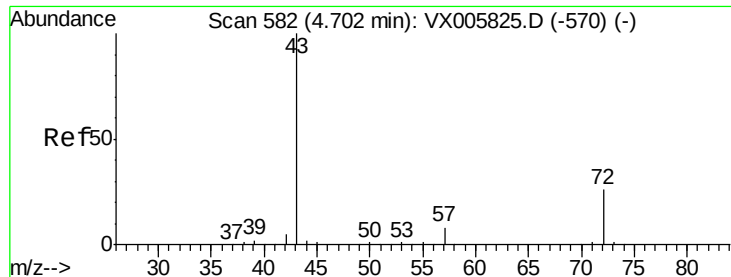
10000

5000

0

Time-->





#25

2-Butanone

Concen: 98.113 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

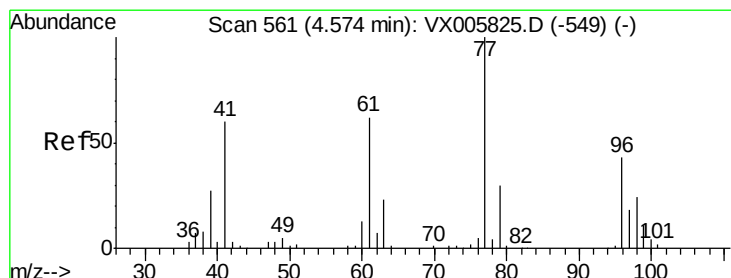
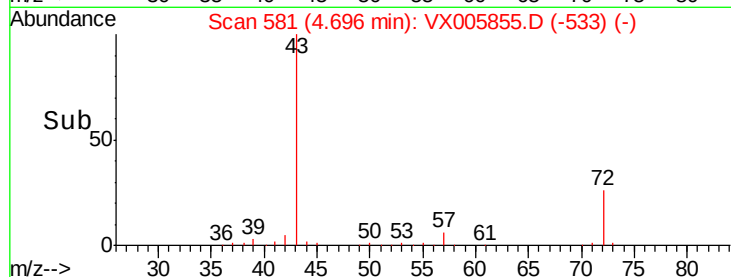
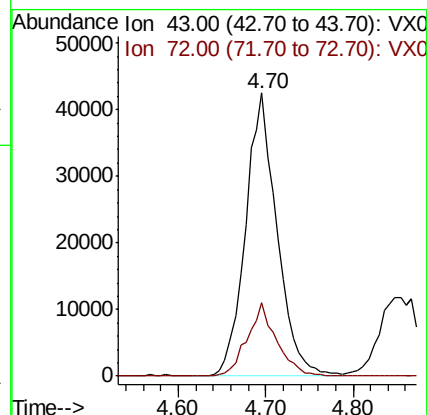
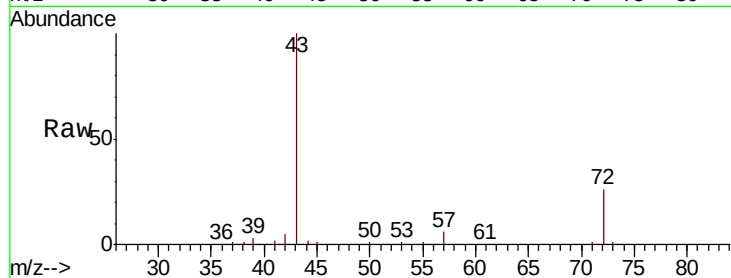
VX1109WBS01

Tot Ion: 43 Resp: 106564

Ion Ratio Lower Upper

43 100

72 25.8 19.2 28.8



#26

2,2-Dichloropropane

Concen: 21.058 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.00 min

Lab File: VX005855.D

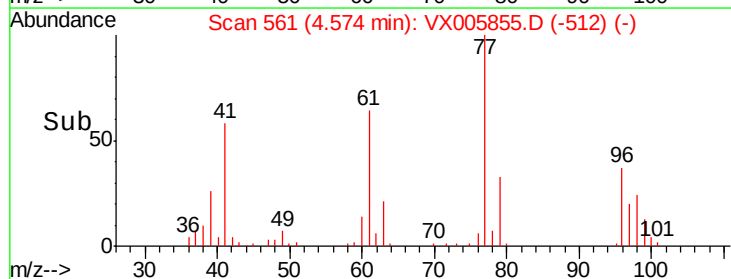
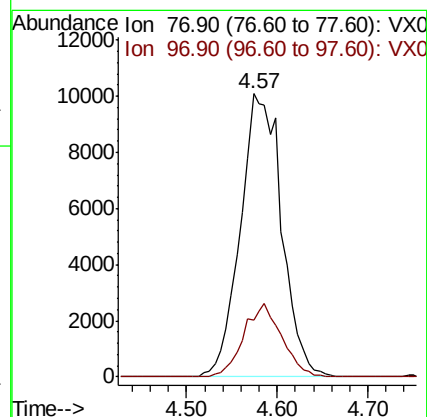
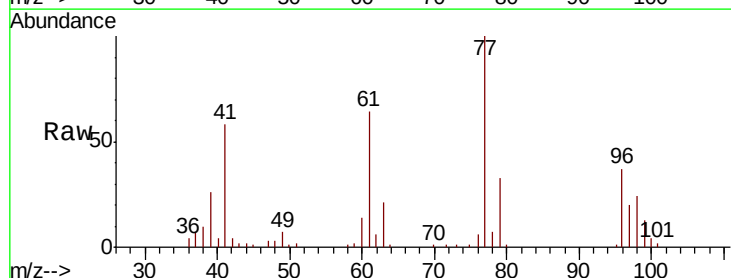
Acq: 09 Nov 2018 12:26

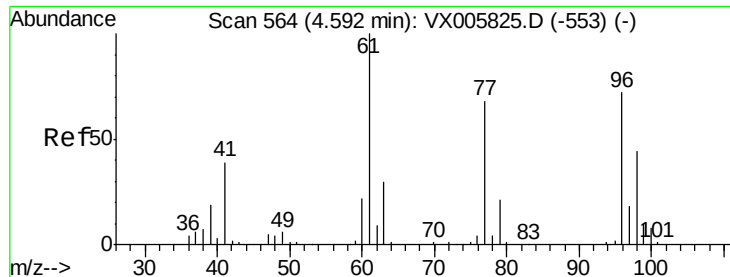
Tgt Ion: 77 Resp: 31808

Ion Ratio Lower Upper

77 100

97 23.9 11.5 34.5



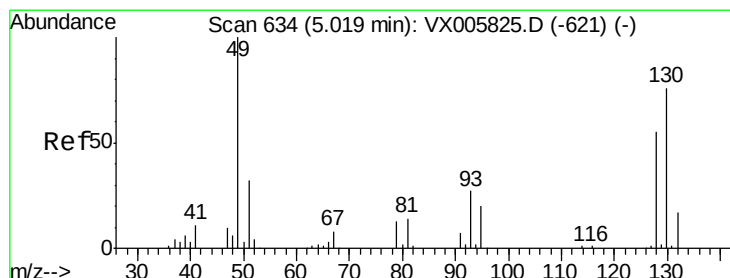
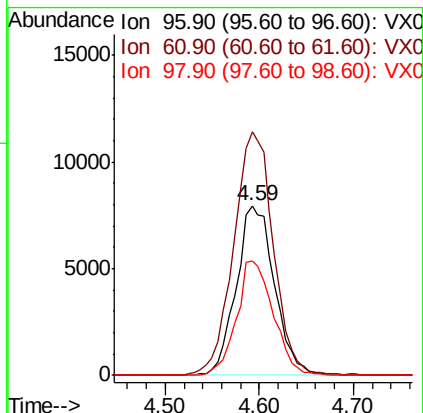
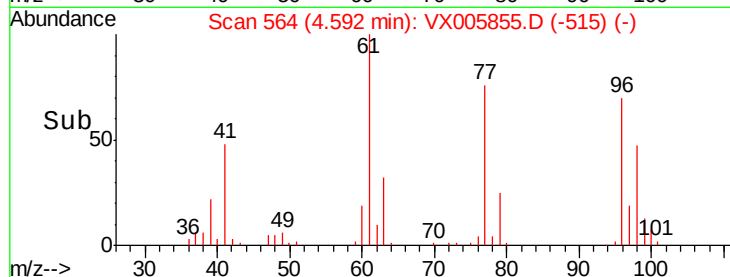
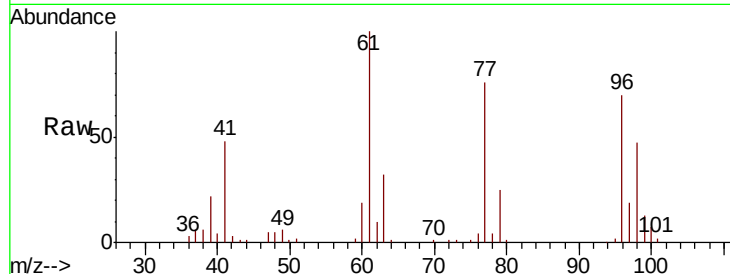


#27

cis-1,2-Dichloroethene
Concen: 19.599 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

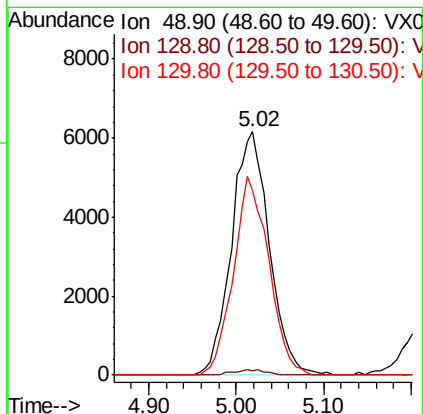
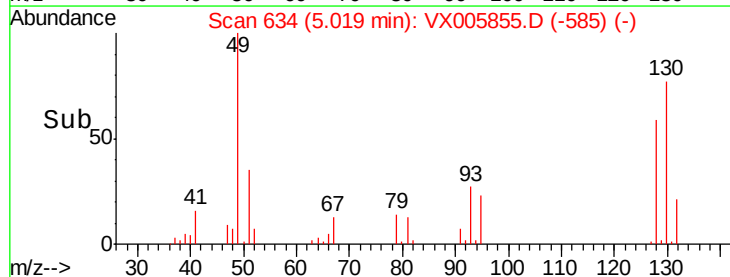
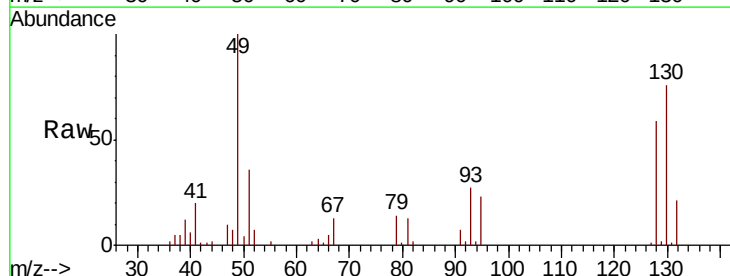
Tot Ion: 96 Resp: 22518
Ion Ratio Lower Upper
96 100
61 148.9 0.0 304.6
98 65.0 0.0 127.4

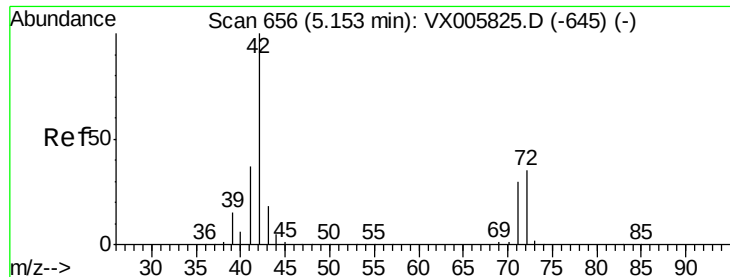


#28

Bromochloromethane
Concen: 20.157 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Tgt Ion: 49 Resp: 18550
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.0
130 76.1 58.9 88.3

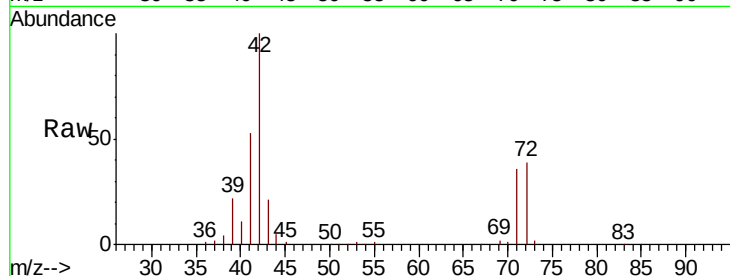




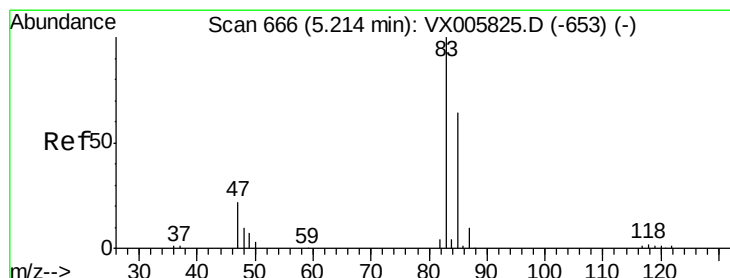
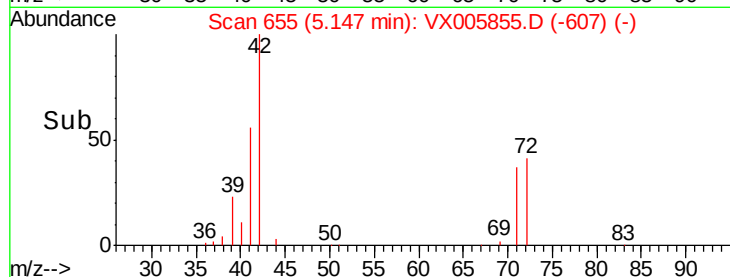
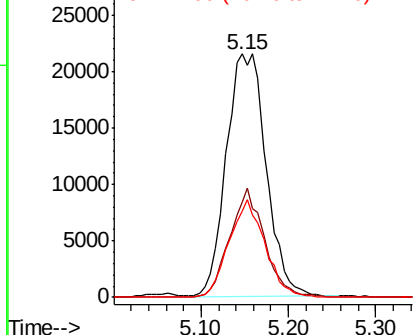
#29
Tetrahydrofuran
Concen: 97.724 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

Tot Ion: 42 Resp: 68151
Ion Ratio Lower Upper
42 100
72 39.3 32.0 48.0
71 36.3 29.8 44.8

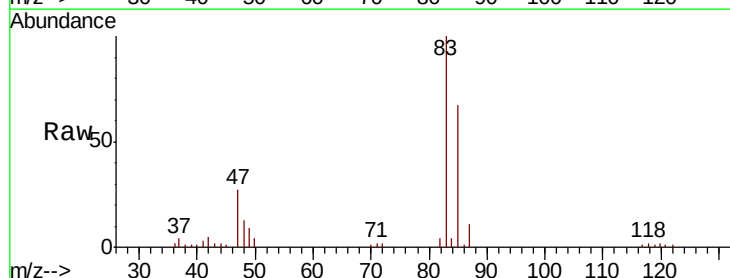


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

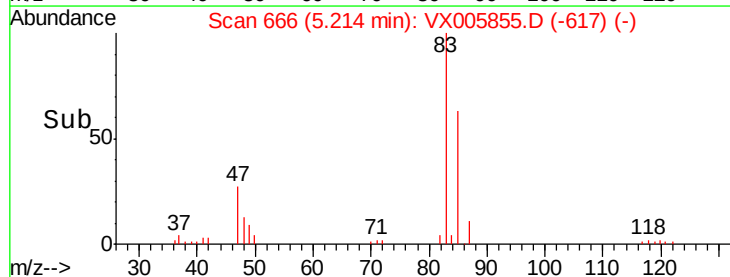
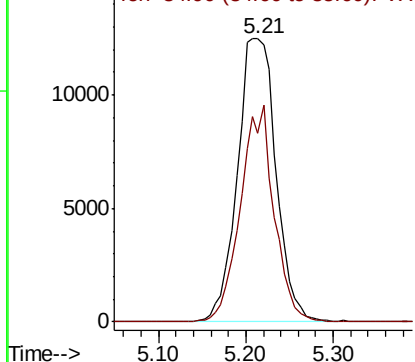


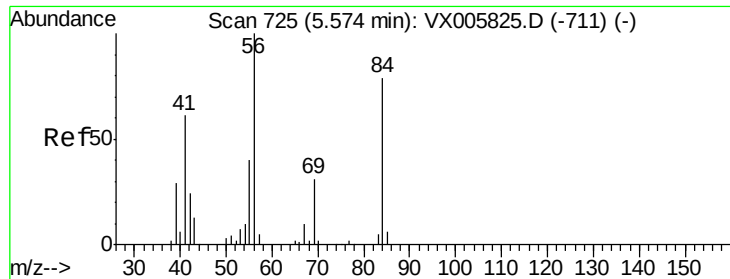
#30
Chloroform
Concen: 19.305 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Tgt Ion: 83 Resp: 38352
Ion Ratio Lower Upper
83 100
85 66.5 50.6 76.0



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

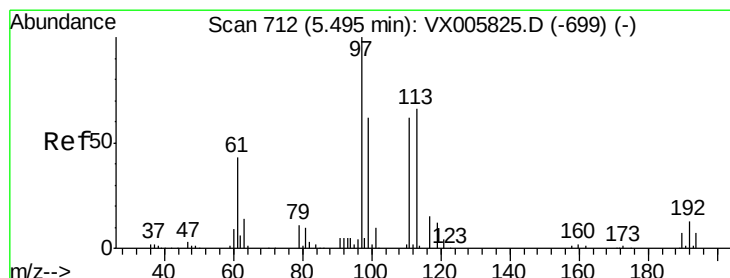
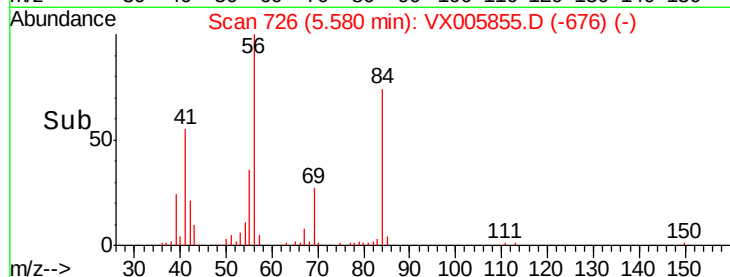
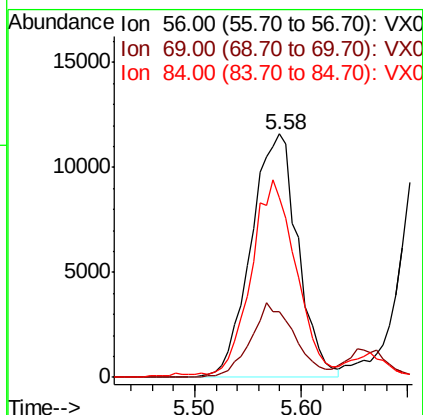
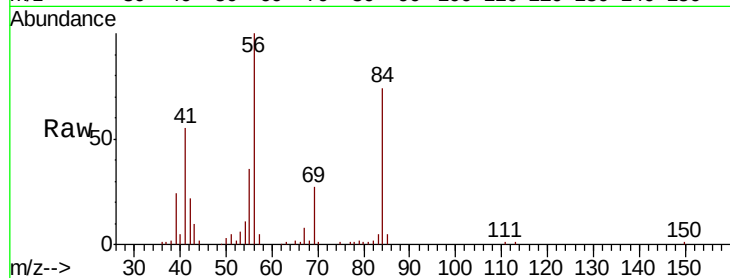




#31
Cyclohexane
Concen: 19.941 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

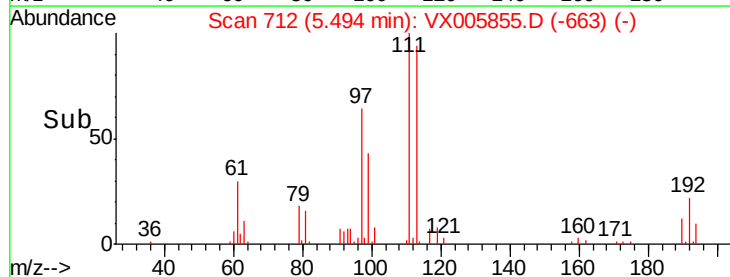
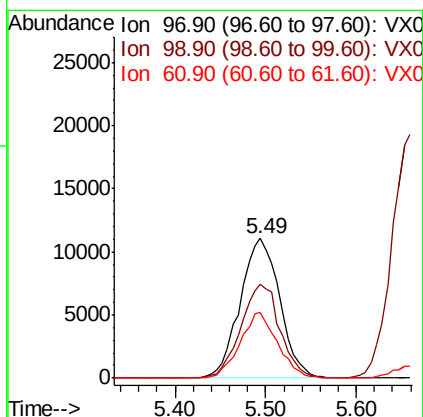
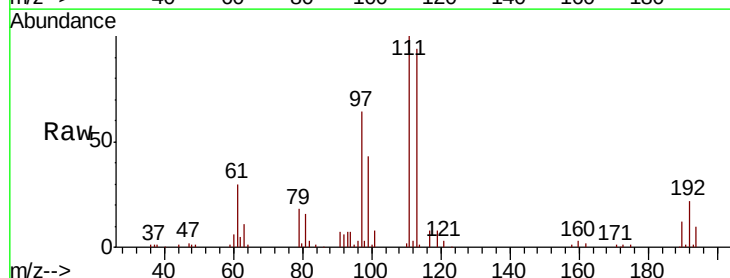
Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

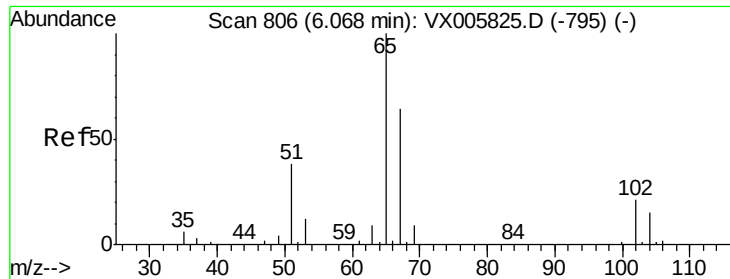
Tot Ion: 56 Resp: 35645
Ion Ratio Lower Upper
56 100
69 26.9 22.6 34.0
84 72.6 62.7 94.1



#32
1,1,1-Trichloroethane
Concen: 20.172 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Tgt Ion: 97 Resp: 33427
Ion Ratio Lower Upper
97 100
99 66.3 52.3 78.5
61 44.6 35.2 52.8

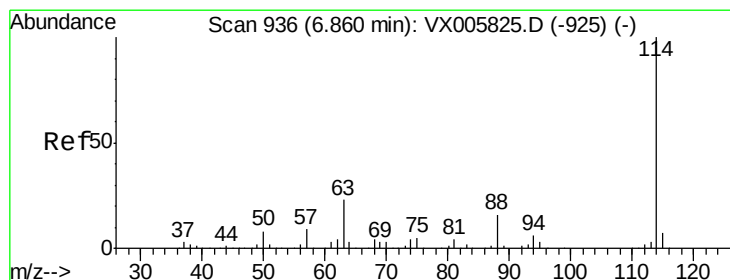
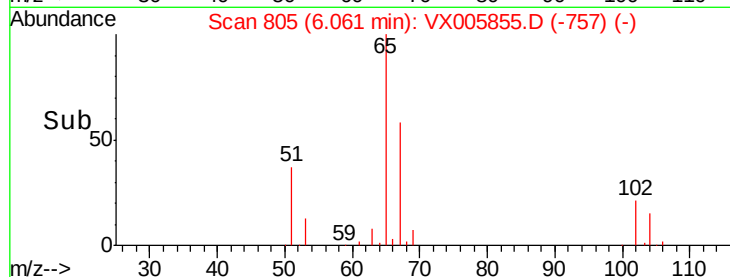
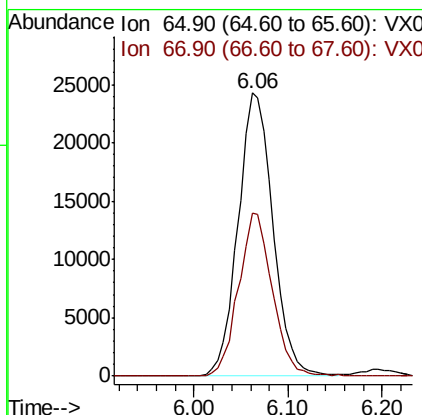
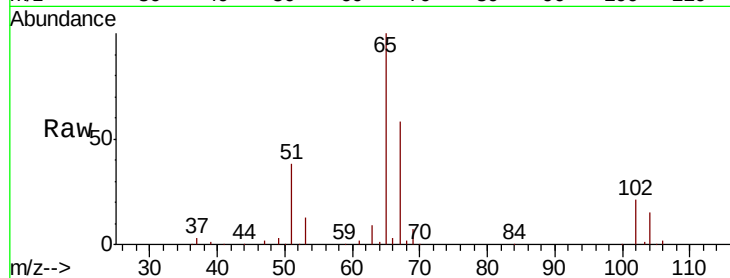




#33
 1,2-Dichloroethane-d4
 Concen: 49.073 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX005855.D
 Acq: 09 Nov 2018 12:26

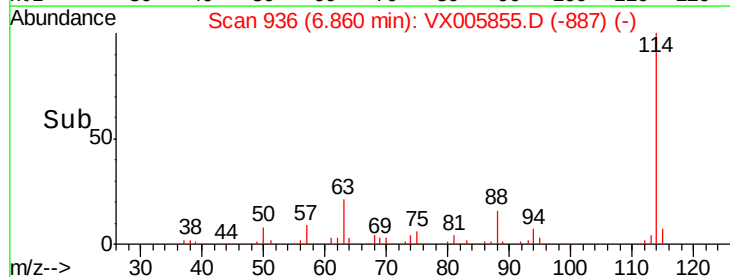
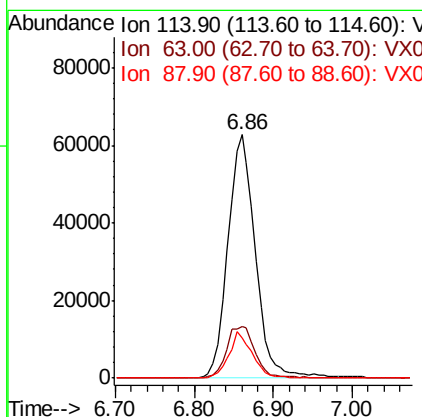
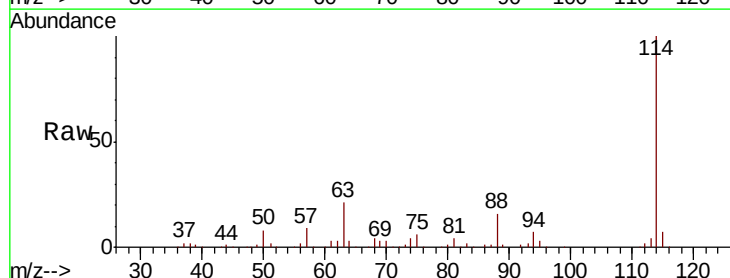
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBS01

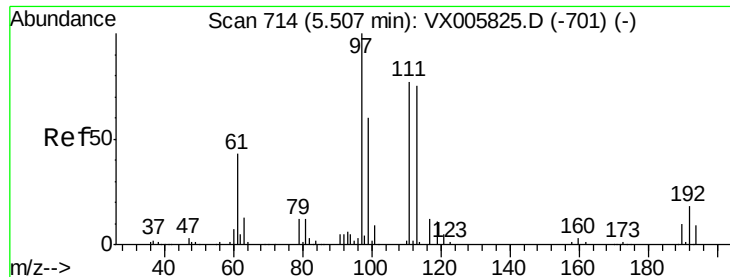
Tot Ion: 65 Resp: 62966
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005855.D
 Acq: 09 Nov 2018 12:26

Tgt Ion: 114 Resp: 152202
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.8
 88 16.5 0.0 31.2

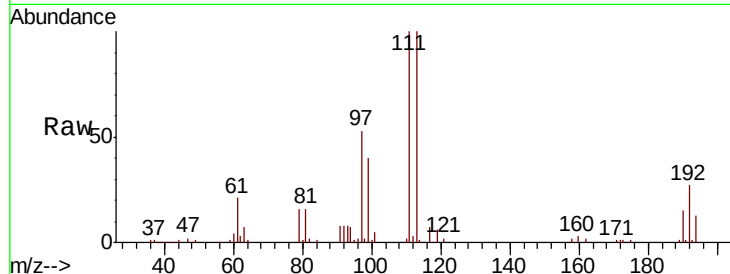




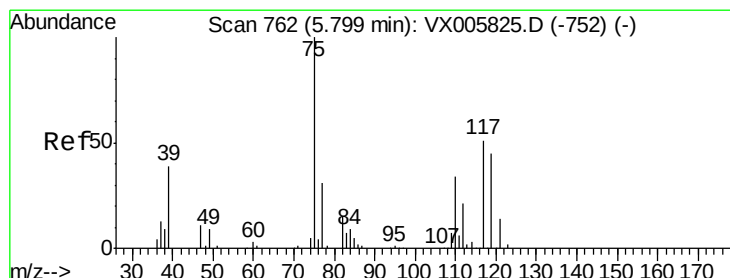
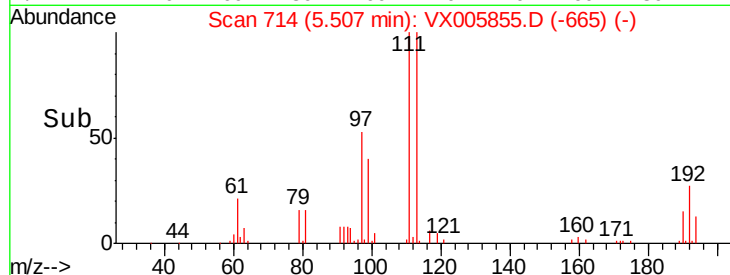
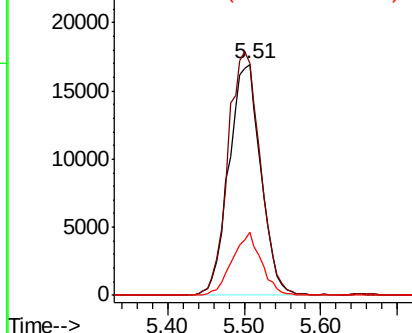
#35
 Dibromofluoromethane
 Concen: 47.519 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: VX005855.D
 Acq: 09 Nov 2018 12:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBS01

Tot Ion:113 Resp: 49192
 Ion Ratio Lower Upper
 113 100
 111 105.7 82.3 123.5
 192 24.7 17.9 26.9

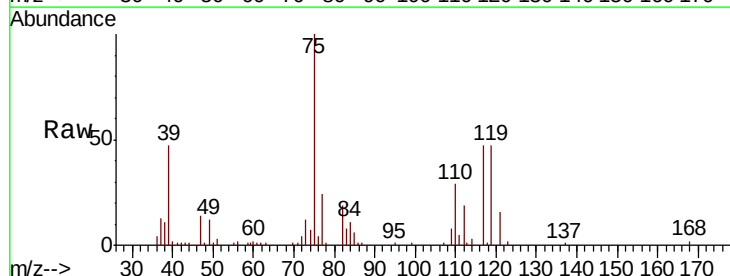


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

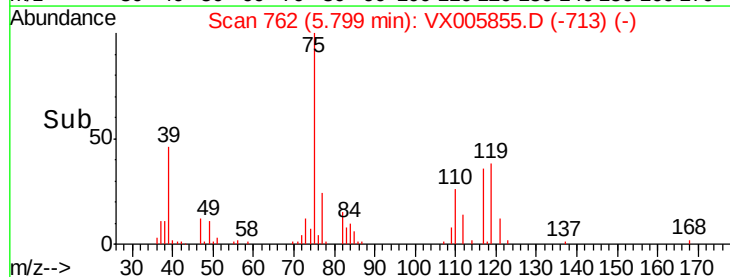
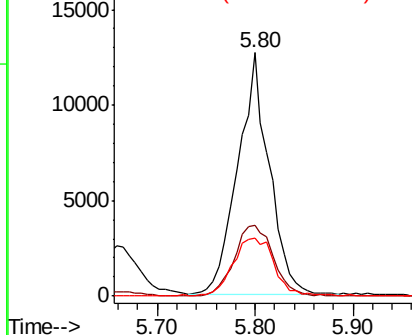


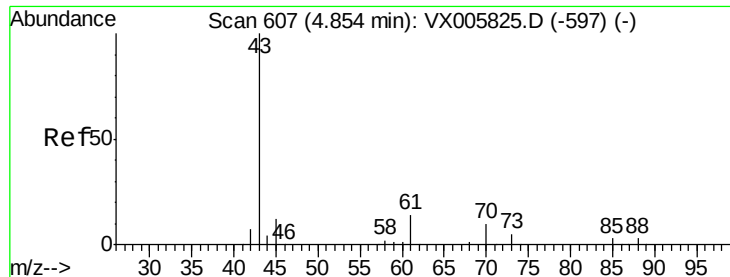
#36
 1,1-Dichloropropene
 Concen: 19.333 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX005855.D
 Acq: 09 Nov 2018 12:26

Tgt Ion: 75 Resp: 28367
 Ion Ratio Lower Upper
 75 100
 110 36.0 17.4 52.2
 77 31.3 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 19.618 ug/l

RT: 4.85 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

Instrument :

MSVOA_X

ClientSampled :

VX1109WBS01

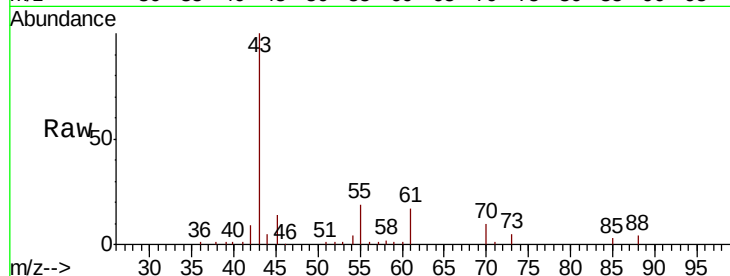
Tot Ion: 43 Resp: 37852

Ion Ratio Lower Upper

43 100

61 14.2 10.8 16.2

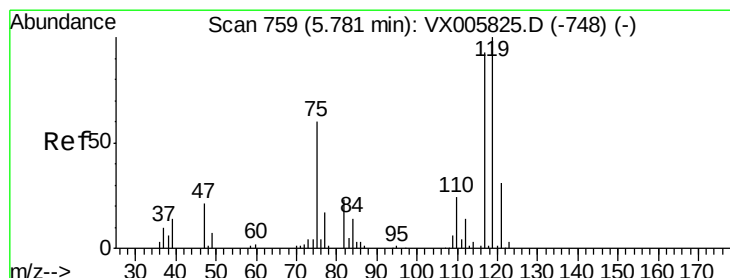
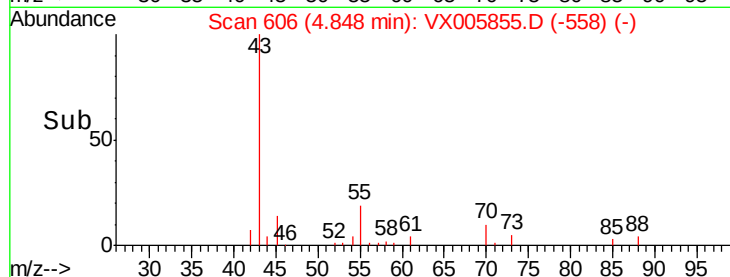
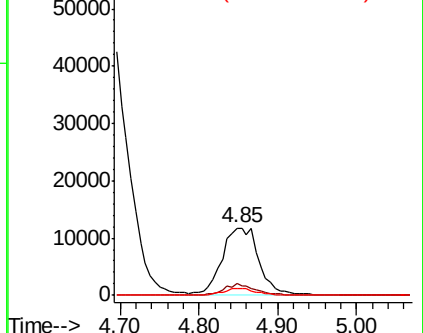
70 9.3 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 20.477 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

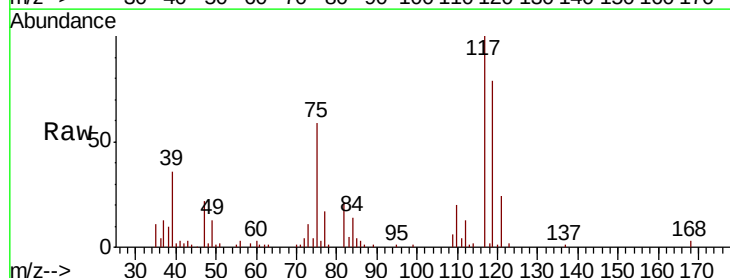
Tgt Ion: 117 Resp: 30079

Ion Ratio Lower Upper

117 100

119 78.6 78.1 117.1

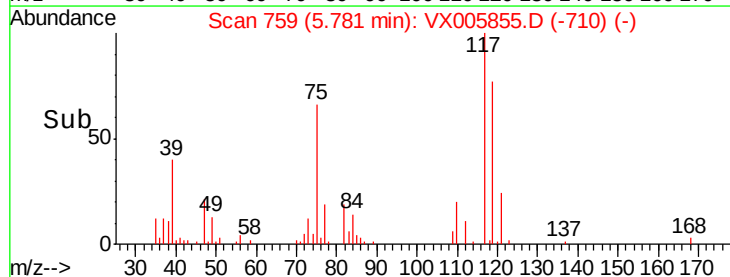
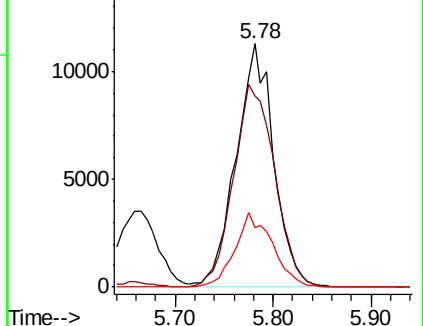
121 24.3 24.6 36.8#

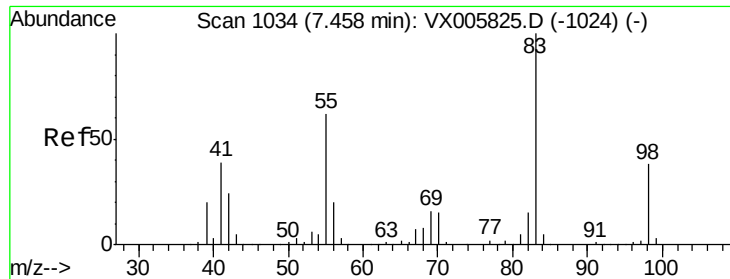


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

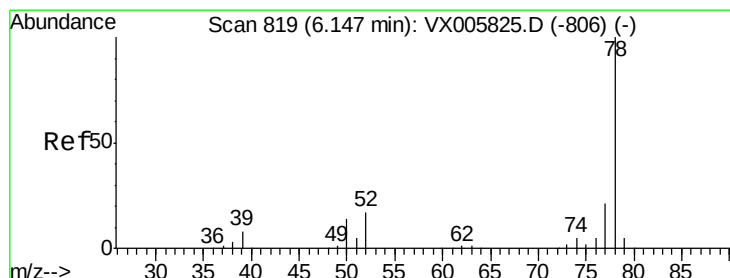
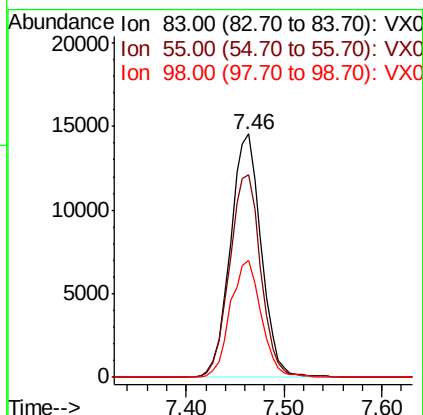
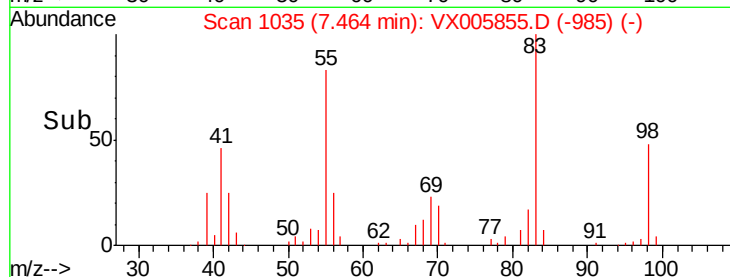
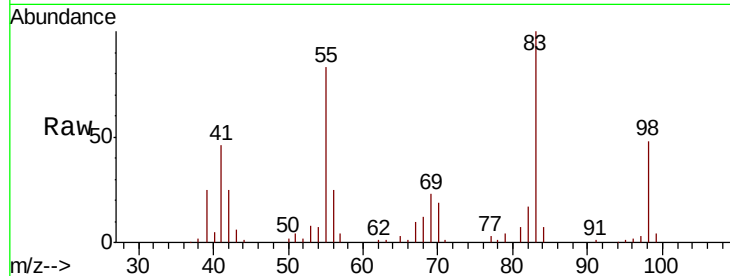




#39
Methylvlcyclohexane
Concen: 21.405 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

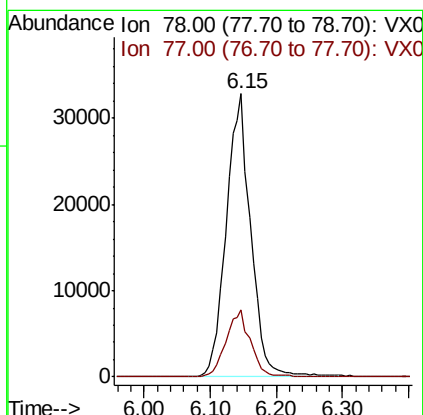
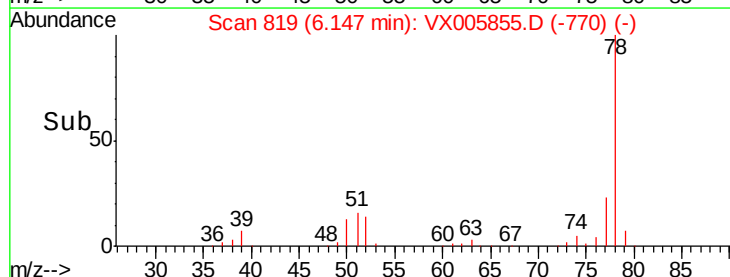
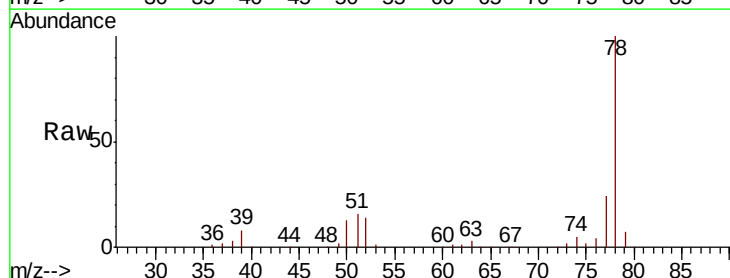
Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

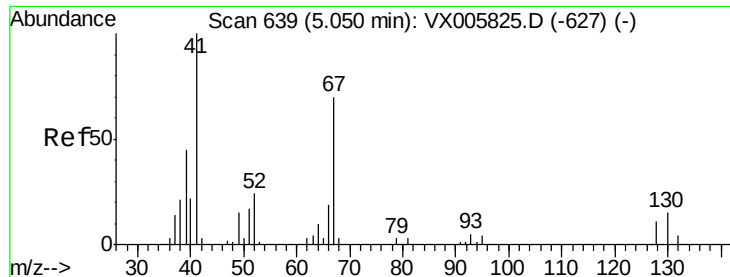
Tot Ion: 83 Resp: 31832
Ion Ratio Lower Upper
83 100
55 83.0 63.7 95.5
98 48.1 36.2 54.2



#40
Benzene
Concen: 19.742 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Tgt Ion: 78 Resp: 84444
Ion Ratio Lower Upper
78 100
77 23.6 18.4 27.6

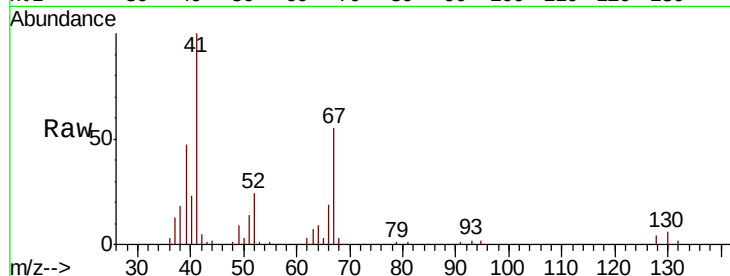




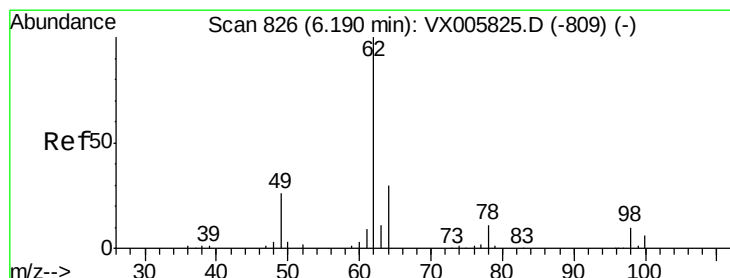
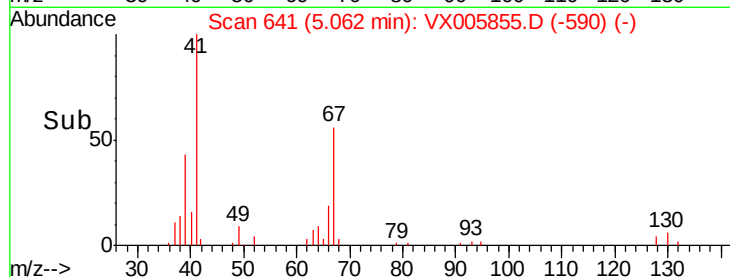
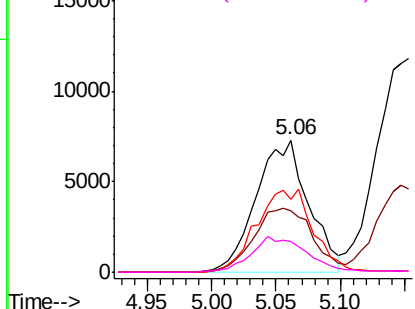
#41
Methacrylonitrile
Concen: 19.731 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Instrument :
MSVOA_X
ClientSampled :
VX1109WBS01

Tot Ion:	41	Resp:	20571
Ion	Ratio	Lower	Upper
41	100		
39	55.1	42.2	63.2
67	68.7	53.4	80.0
52	0.0	23.4	35.2#

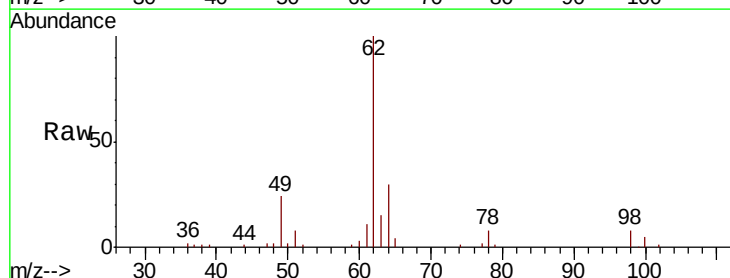


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

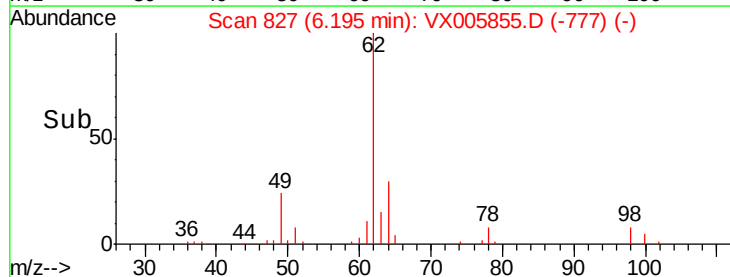
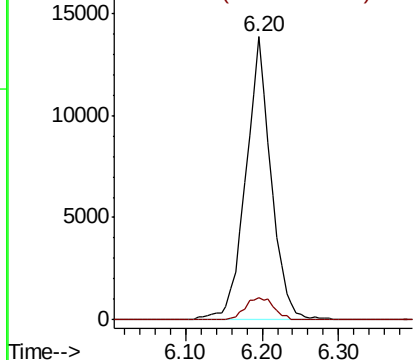


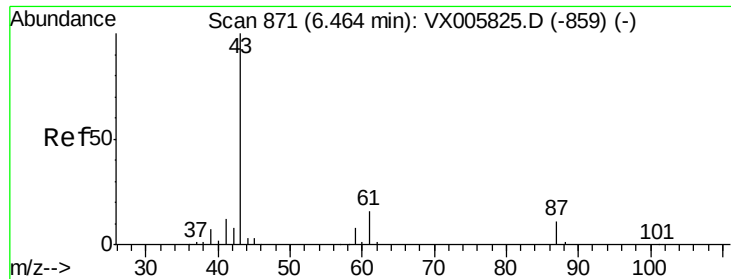
#42
1,2-Dichloroethane
Concen: 20.696 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Tgt Ion:	62	Resp:	31707
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.8



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





#43

Isopropyl Acetate

Concen: 19.500 ug/l

RT: 6.45 min Scan# 869

Delta R.T. -0.01 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBS01

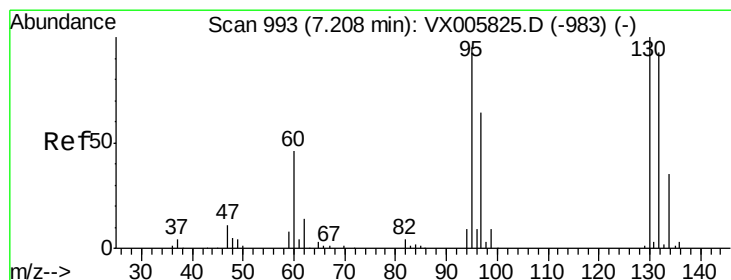
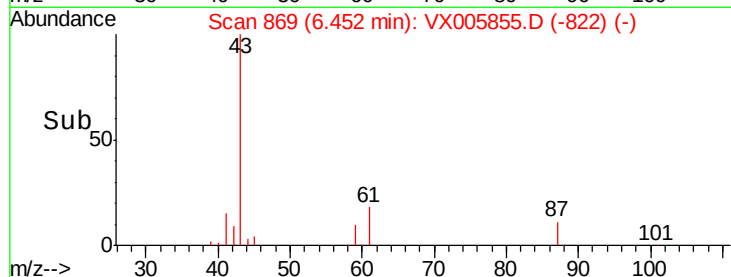
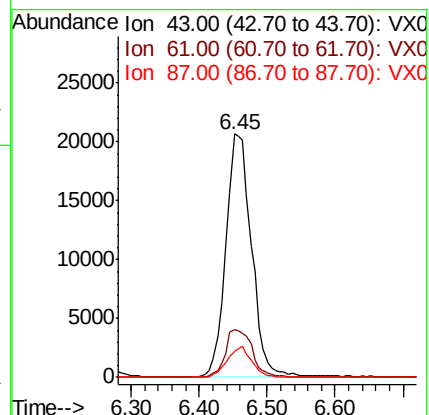
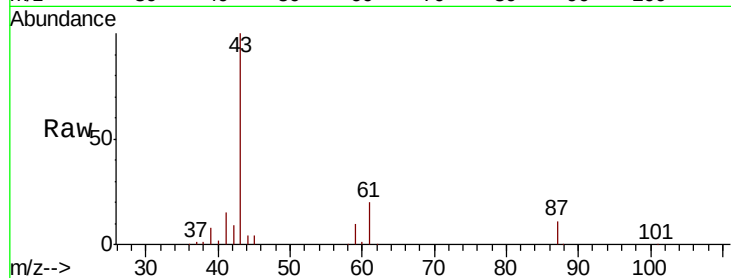
Tot Ion: 43 Resp: 54518

Ion Ratio Lower Upper

43 100

61 20.0 14.6 22.0

87 11.7 9.6 14.4



#44

Trichloroethene

Concen: 20.746 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.00 min

Lab File: VX005855.D

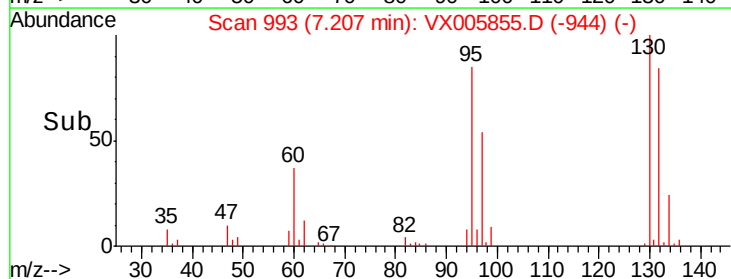
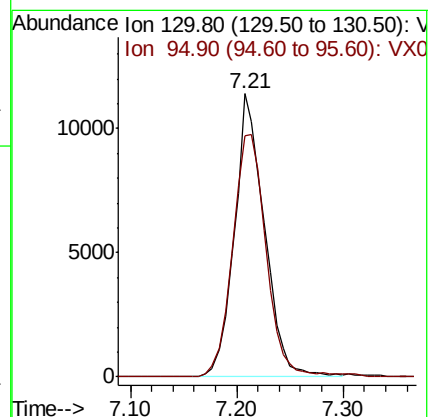
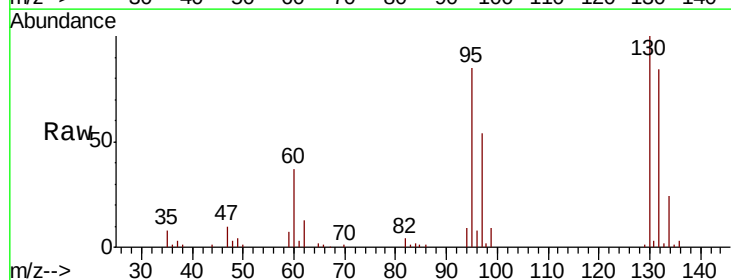
Acq: 09 Nov 2018 12:26

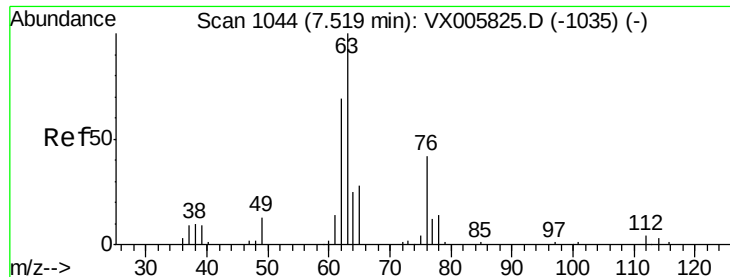
Tgt Ion:130 Resp: 22536

Ion Ratio Lower Upper

130 100

95 85.1 0.0 194.2

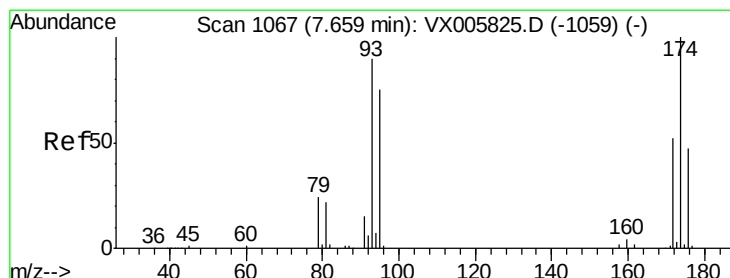
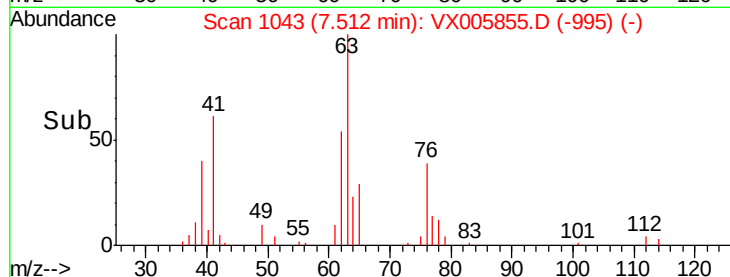
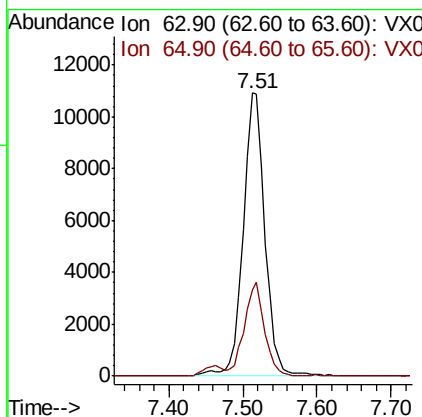
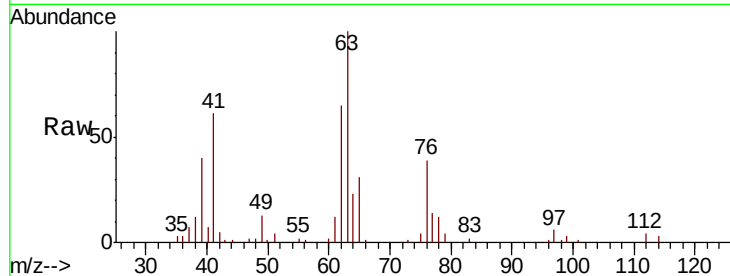




#45
 1,2-Dichloropropane
 Concen: 21.498 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX005855.D
 Acq: 09 Nov 2018 12:26

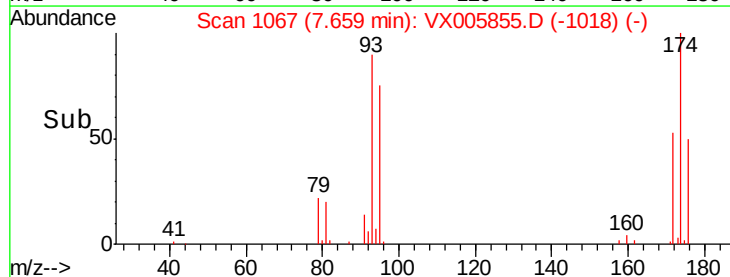
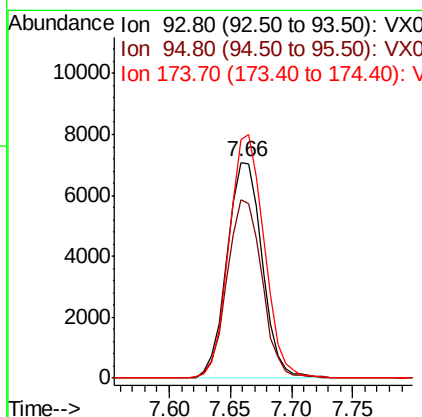
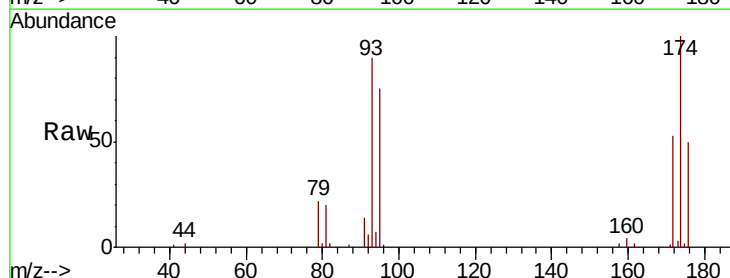
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBS01

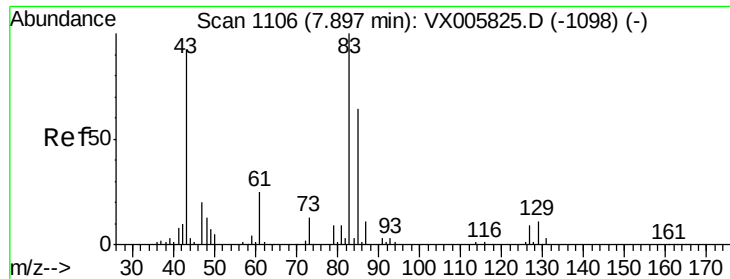
Tot Ion: 63 Resp: 22319
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.8 37.2



#46
 Dibromomethane
 Concen: 21.655 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX005855.D
 Acq: 09 Nov 2018 12:26

Tgt Ion: 93 Resp: 14108
 Ion Ratio Lower Upper
 93 100
 95 82.0 67.4 101.0
 174 112.7 91.5 137.3





#47

Bromodichloromethane

Concen: 22.038 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBS01

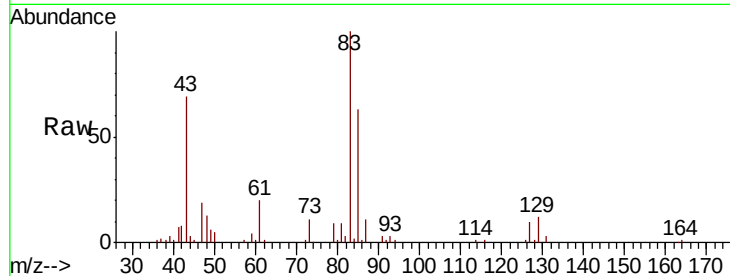
Tot Ion: 83 Resp: 27134

Ion Ratio Lower Upper

83 100

85 62.7 50.2 75.4

127 9.5 6.9 10.3

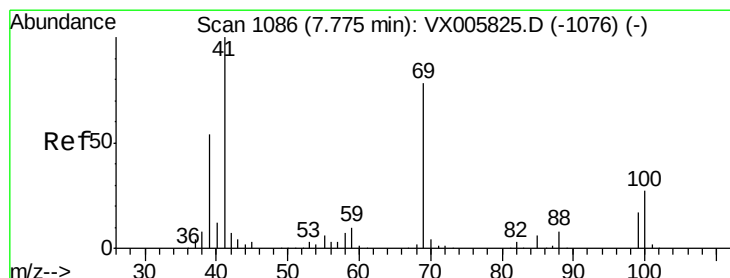
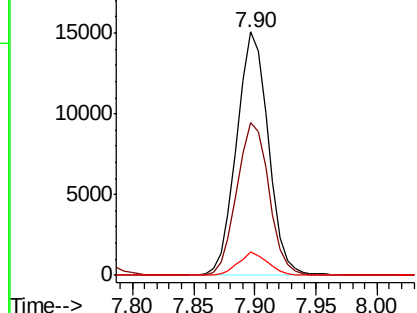
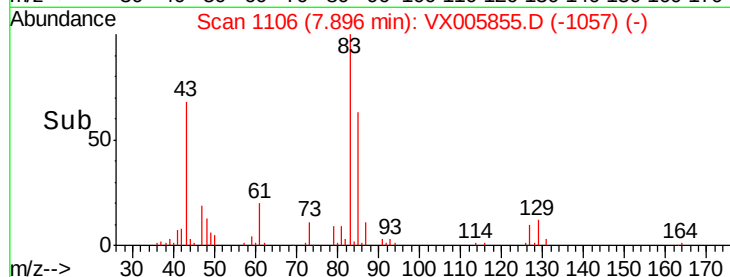


Abundance

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 21.586 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

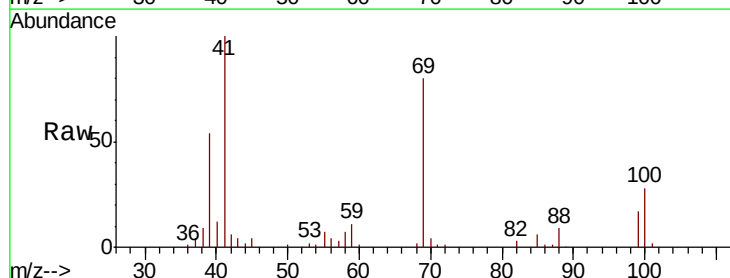
Tgt Ion: 41 Resp: 27099

Ion Ratio Lower Upper

41 100

69 77.0 63.2 94.8

39 51.1 42.2 63.2

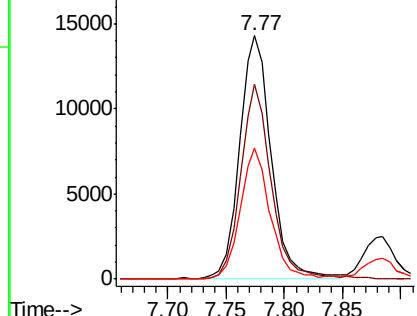
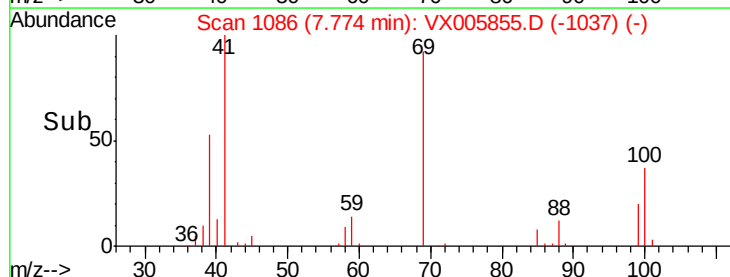


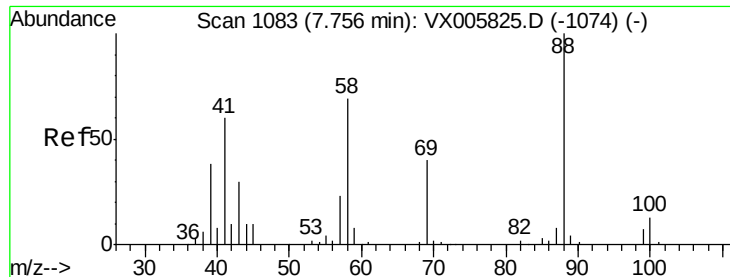
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

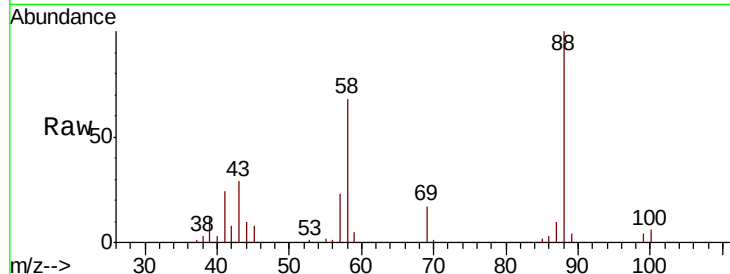




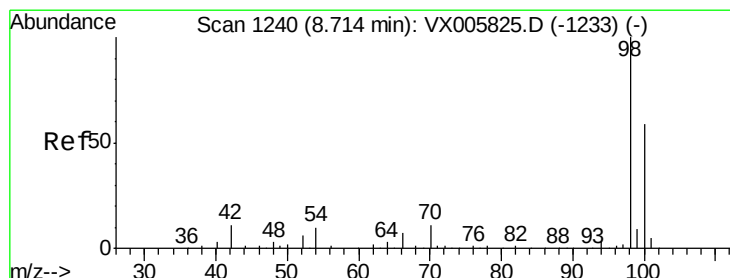
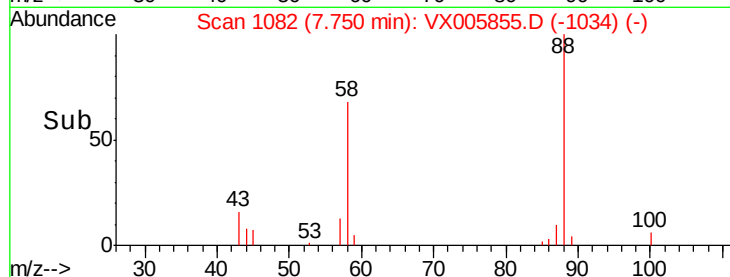
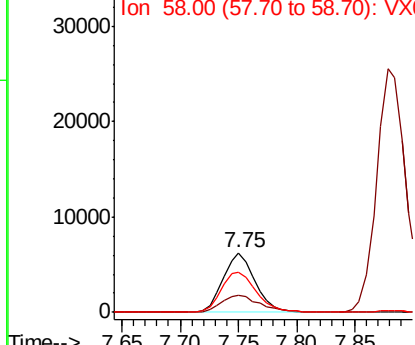
#49
1,4-Dioxane
Concen: 434.981 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

Tot Ion: 88 Resp: 11767
Ion Ratio Lower Upper
88 100
43 35.7 27.4 41.0
58 74.7 59.4 89.2

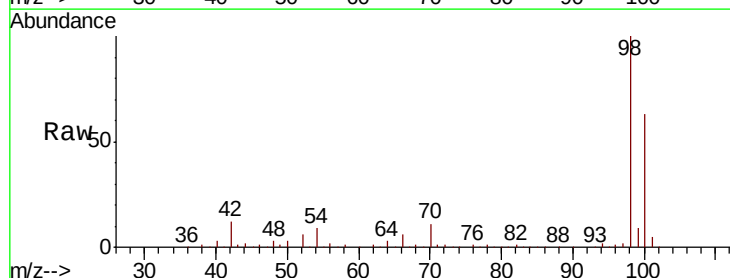


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

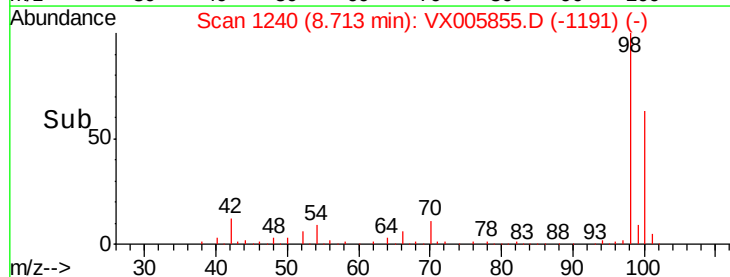
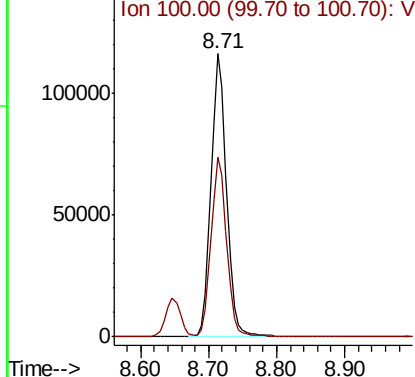


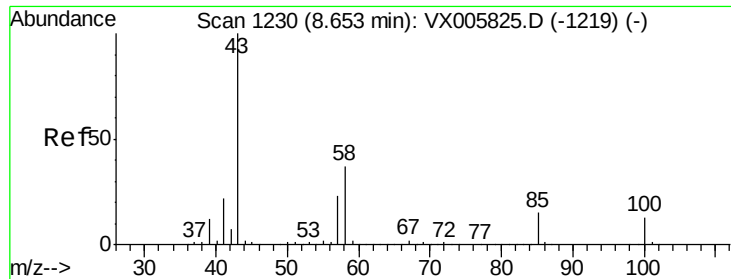
#50
Toluene-d8
Concen: 53.595 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Tgt Ion: 98 Resp: 184453
Ion Ratio Lower Upper
98 100
100 64.3 51.3 76.9



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

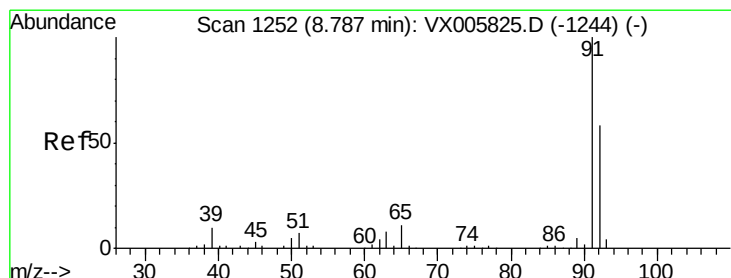
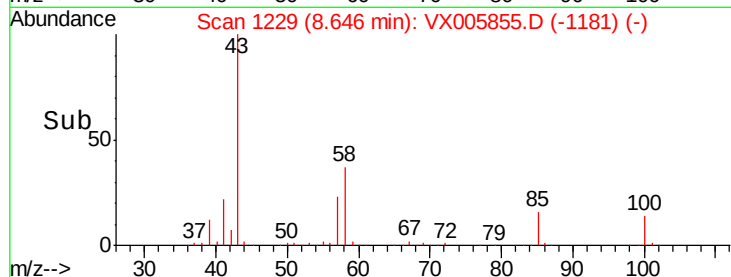
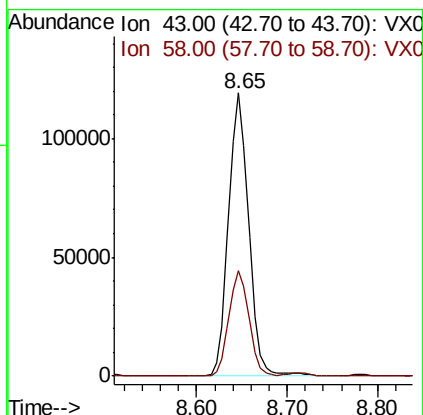
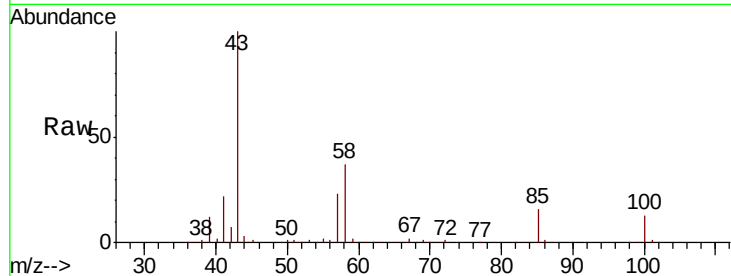




#51
4-Methyl-2-Pentanone
Concen: 104.995 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.01 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

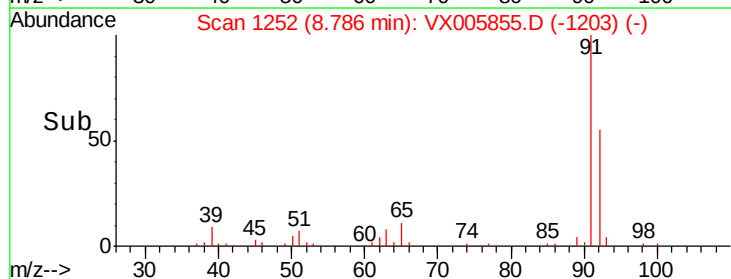
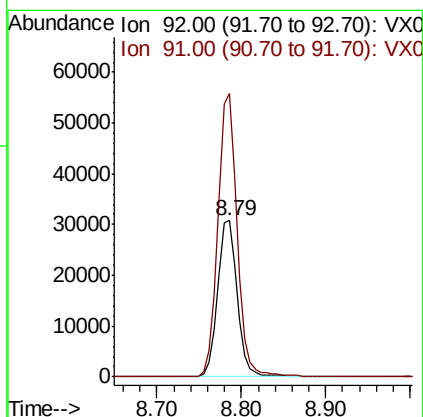
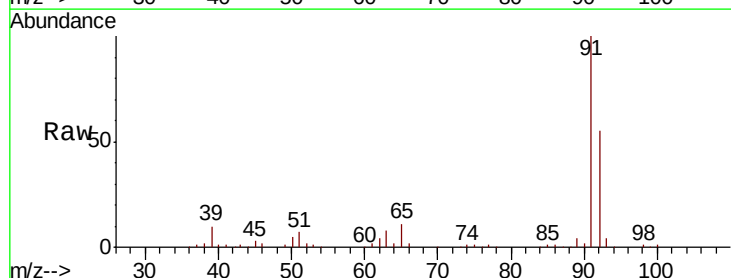
Instrument :
MSVOA_X
ClientSampled :
VX1109WBS01

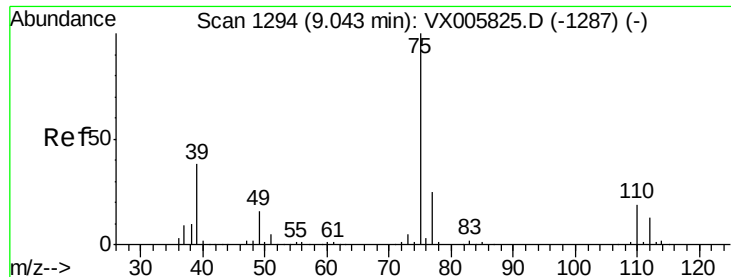
Tot Ion: 43 Resp: 185006
Ion Ratio Lower Upper
43 100
58 37.0 29.7 44.5



#52
Toluene
Concen: 20.941 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Tgt Ion: 92 Resp: 50062
Ion Ratio Lower Upper
92 100
91 178.1 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 20.382 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

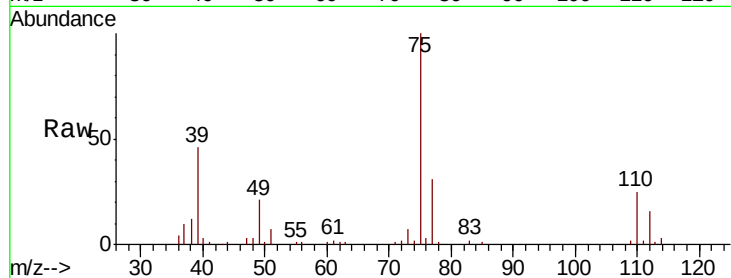
VX1109WBS01

Tot Ion: 75 Resp: 29614

Ion Ratio Lower Upper

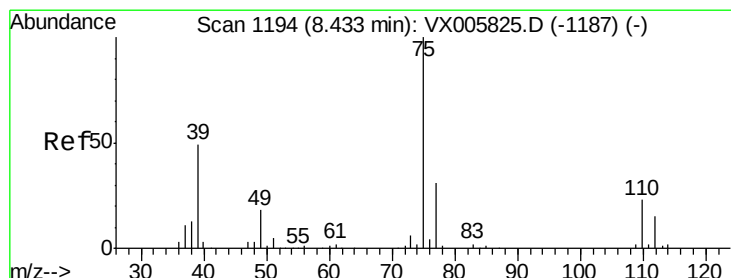
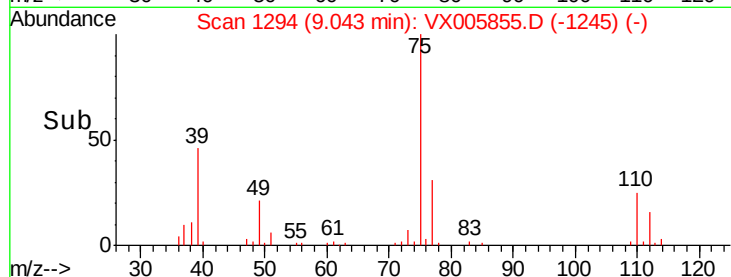
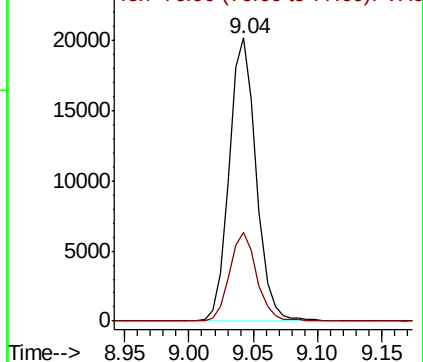
75 100

77 31.3 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 21.723 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

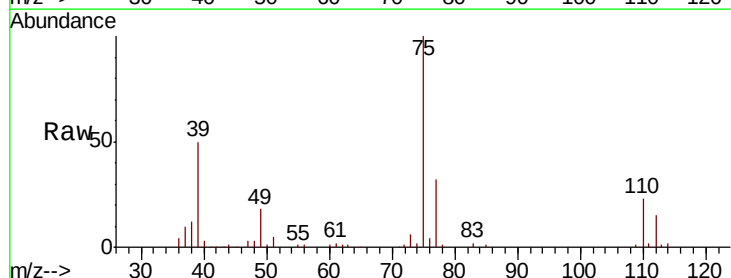
Tgt Ion: 75 Resp: 32170

Ion Ratio Lower Upper

75 100

77 31.8 25.2 37.8

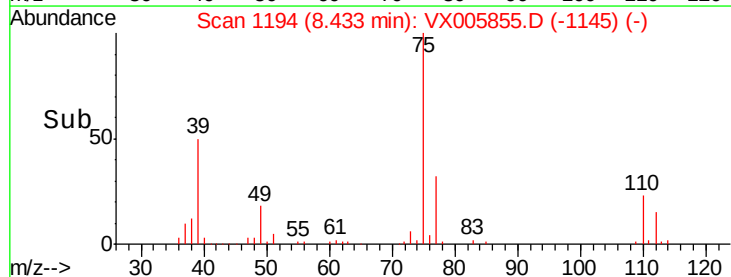
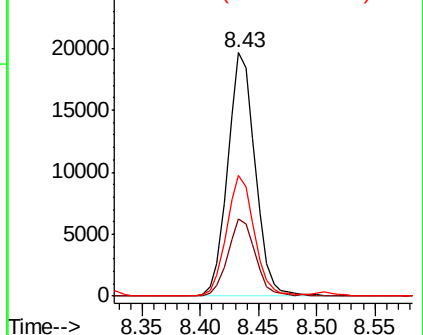
39 49.7 38.2 57.2

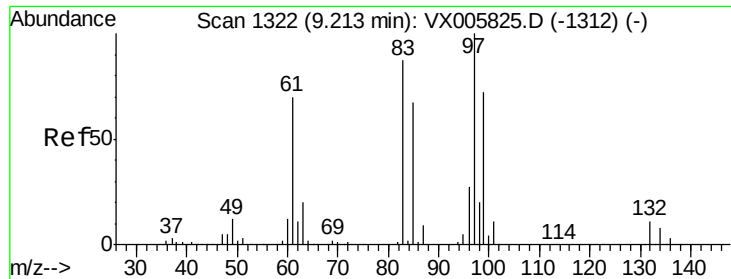


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



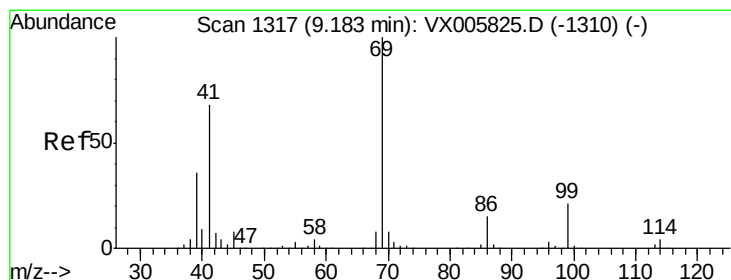
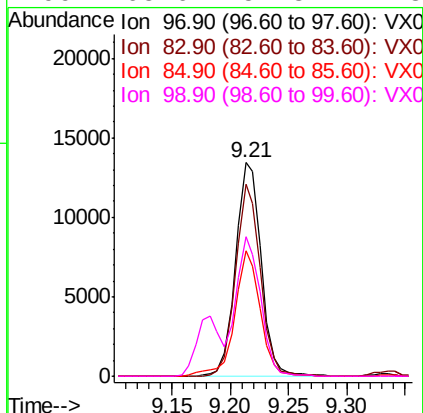
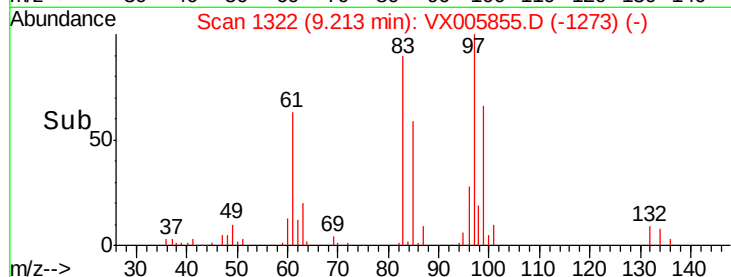
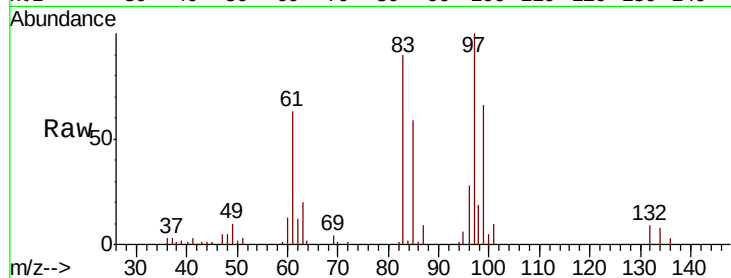


#55
 1,1,2-Trichloroethane
 Concen: 19.391 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX005855.D
 Acq: 09 Nov 2018 12:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBS01

Tot Ion: 97 Resp: 20660

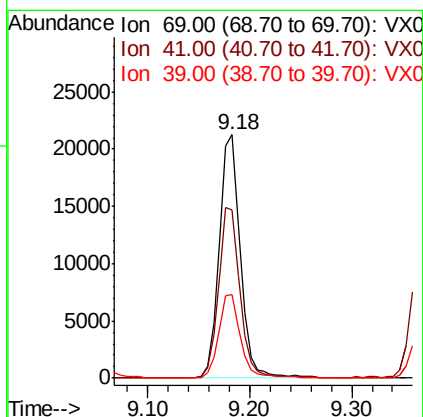
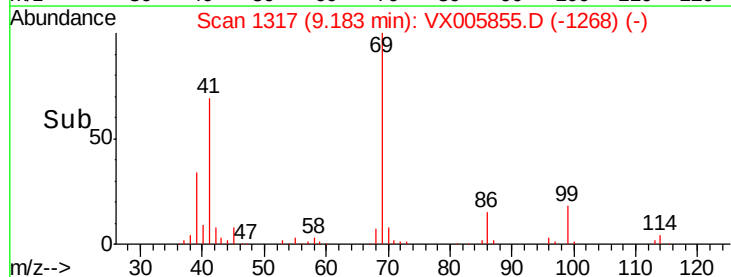
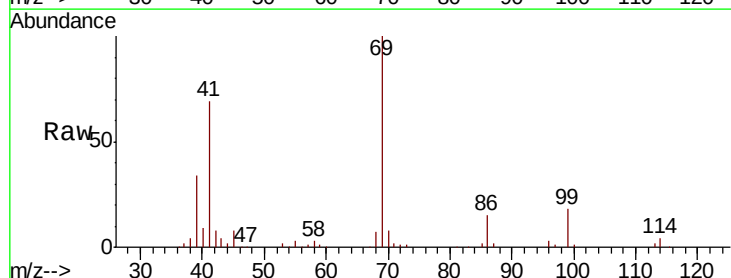
Ion	Ratio	Lower	Upper
97	100		
83	90.1	70.7	106.1
85	58.8	45.8	68.6
99	65.6	51.8	77.8

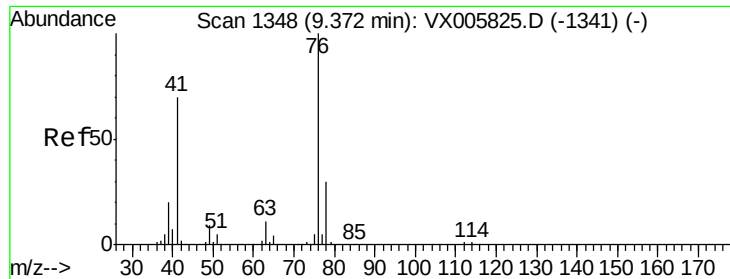


#56
 Ethyl methacrylate
 Concen: 19.437 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005855.D
 Acq: 09 Nov 2018 12:26

Tgt Ion: 69 Resp: 30985

Ion	Ratio	Lower	Upper
69	100		
41	71.3	57.0	85.6
39	35.4	28.3	42.5





#57

1,3-Dichloropropane

Concen: 19.674 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

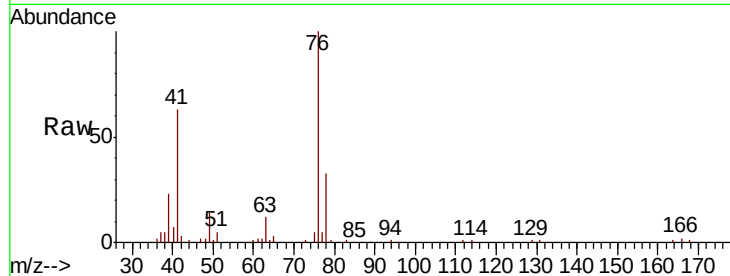
VX1109WBS01

Tot Ion: 76 Resp: 35226

Ion Ratio Lower Upper

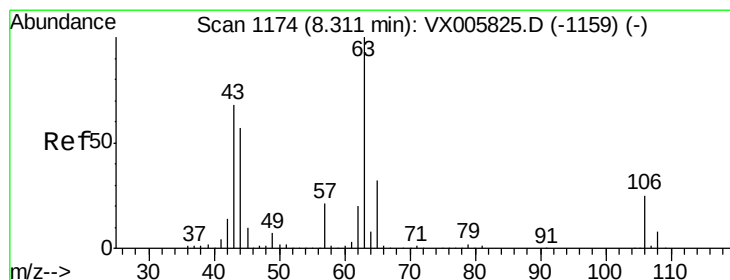
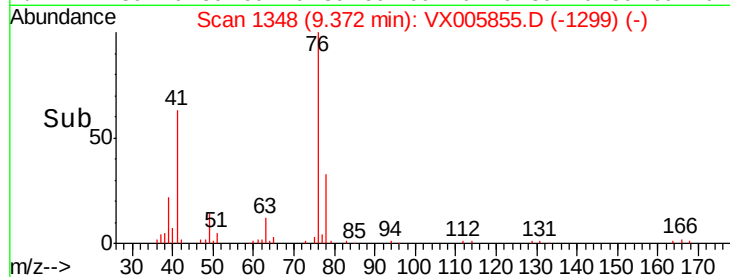
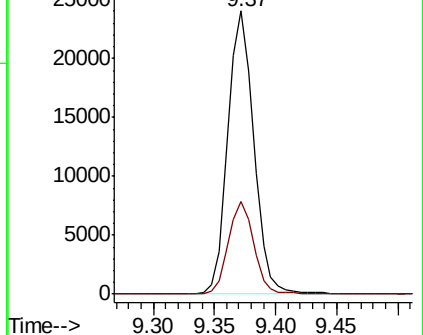
76 100

78 32.0 25.3 37.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 108.993 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX005855.D

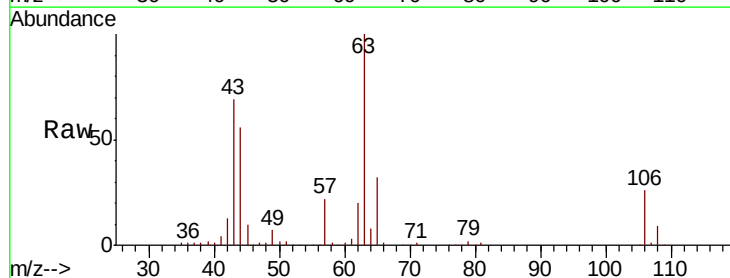
Acq: 09 Nov 2018 12:26

Tgt Ion: 63 Resp: 90483

Ion Ratio Lower Upper

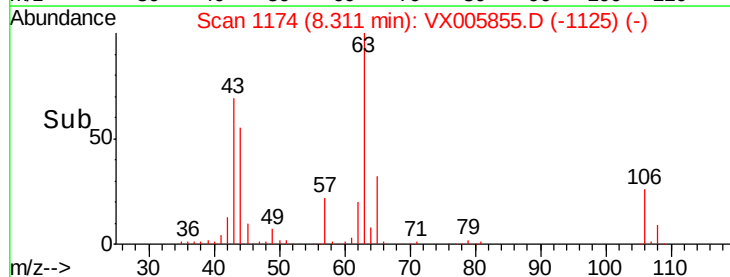
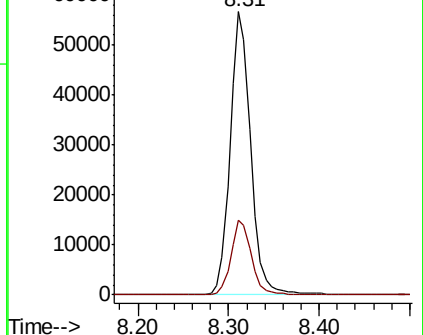
63 100

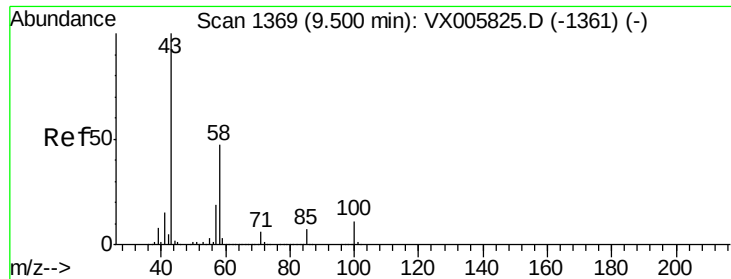
106 26.2 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

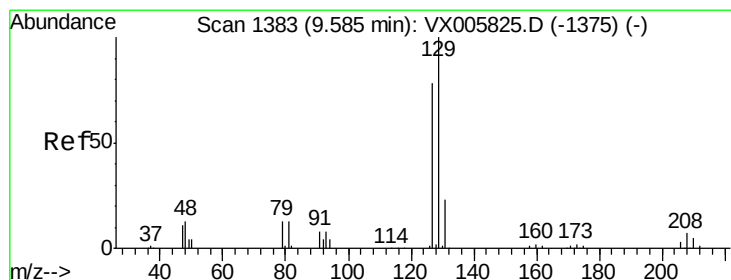
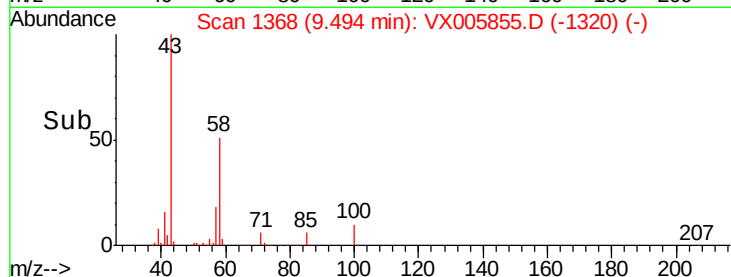
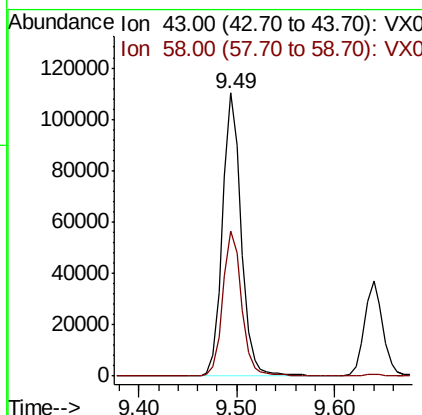
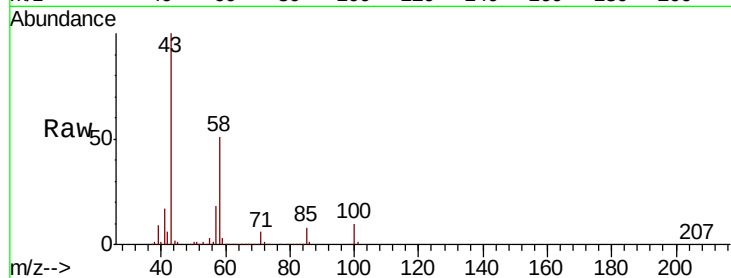




#59
2-Hexanone
Concen: 94.677 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

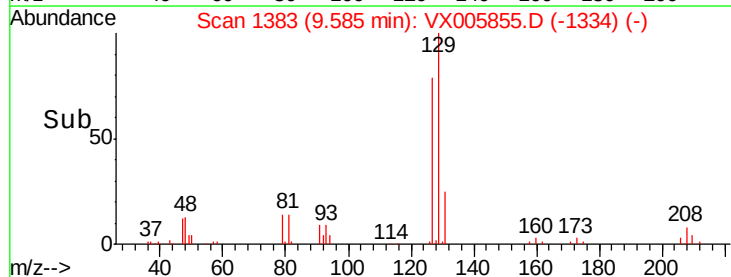
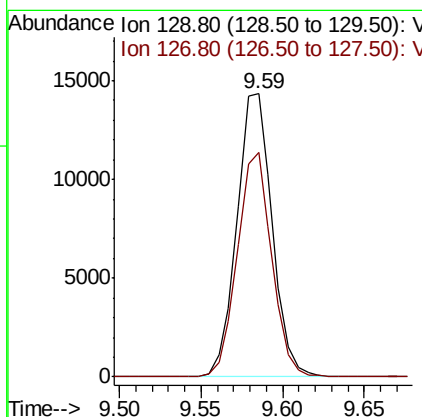
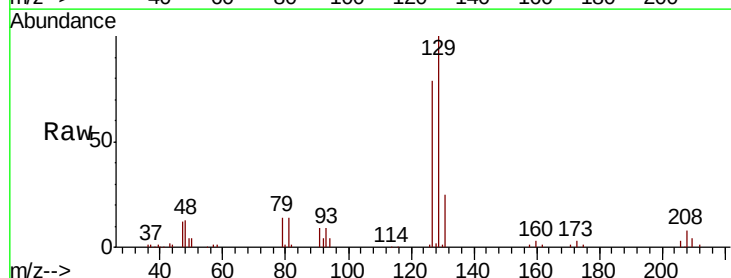
Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

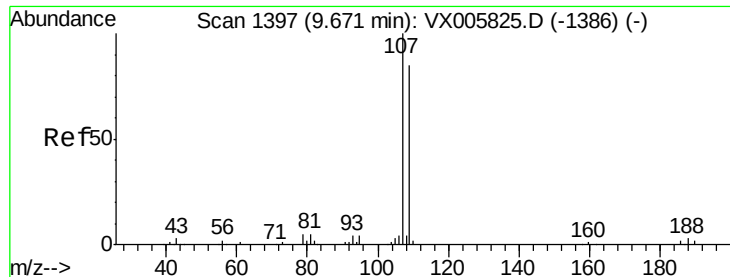
Tot Ion: 43 Resp: 147049
Ion Ratio Lower Upper
43 100
58 51.4 25.9 77.8



#60
Dibromochloromethane
Concen: 18.741 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Tgt Ion:129 Resp: 21579
Ion Ratio Lower Upper
129 100
127 77.2 38.9 116.7





#61

1,2-Dibromoethane

Concen: 18.266 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

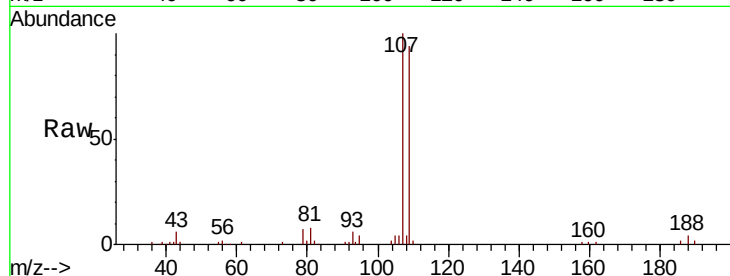
VX1109WBS01

Tot Ion:107 Resp: 21520

Ion Ratio Lower Upper

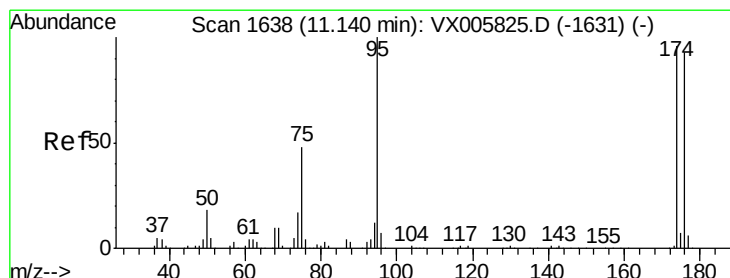
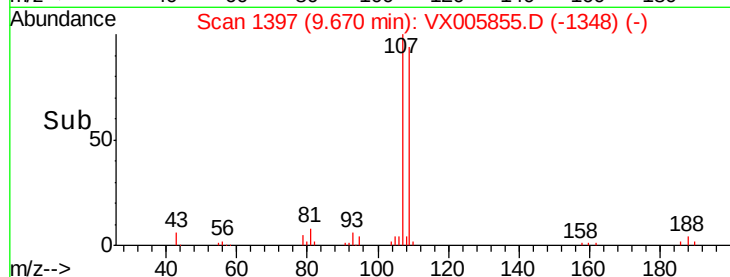
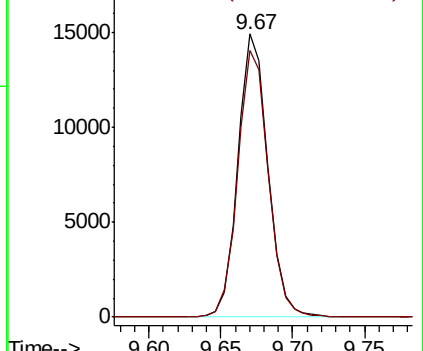
107 100

109 95.9 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 55.347 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

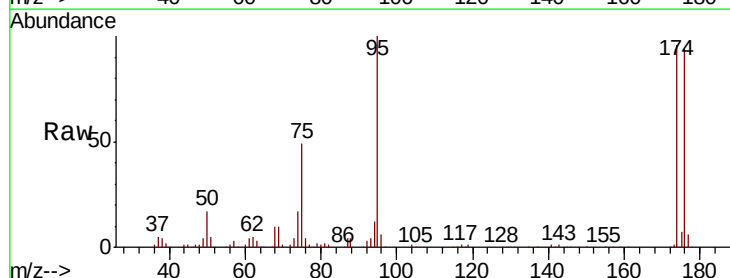
Tgt Ion: 95 Resp: 68485

Ion Ratio Lower Upper

95 100

174 91.1 0.0 184.4

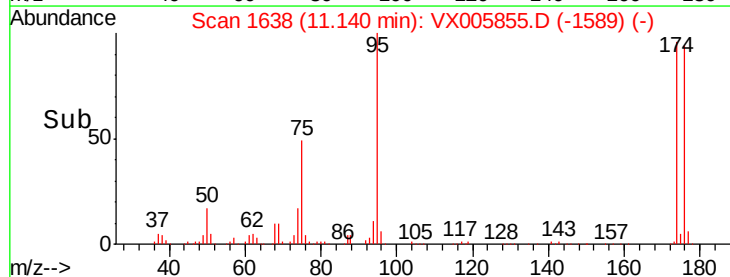
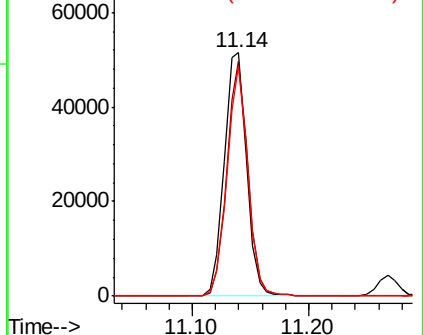
176 88.3 0.0 177.4

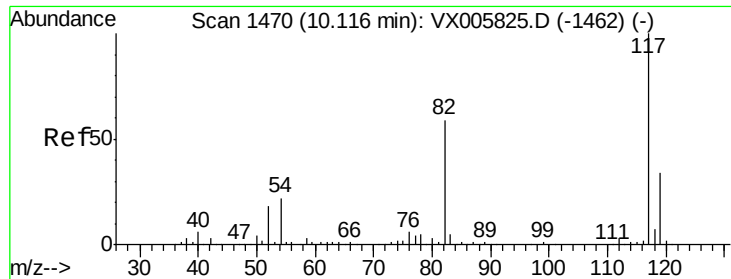


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

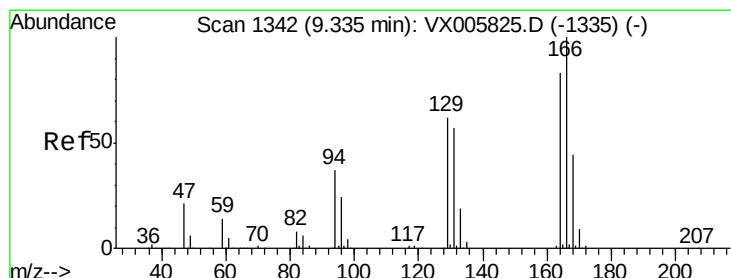
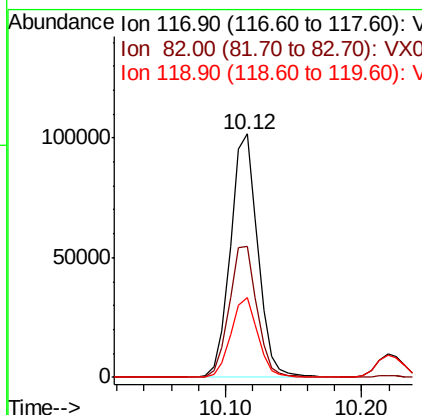
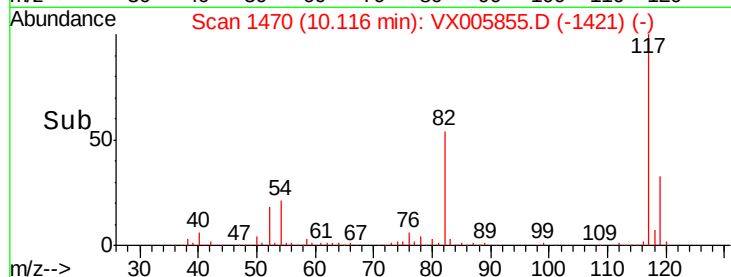
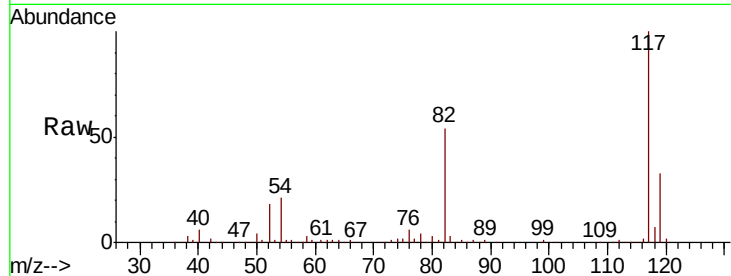




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

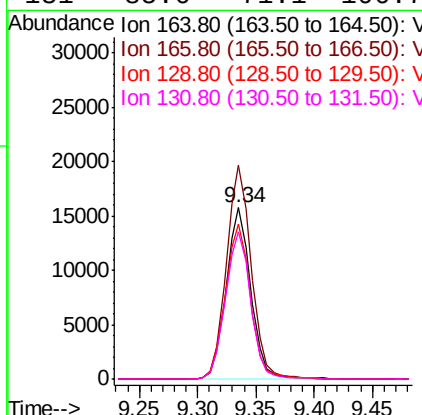
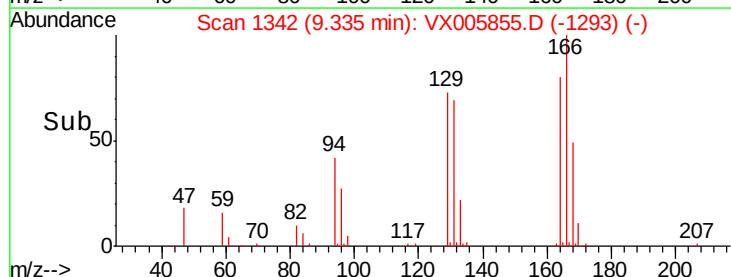
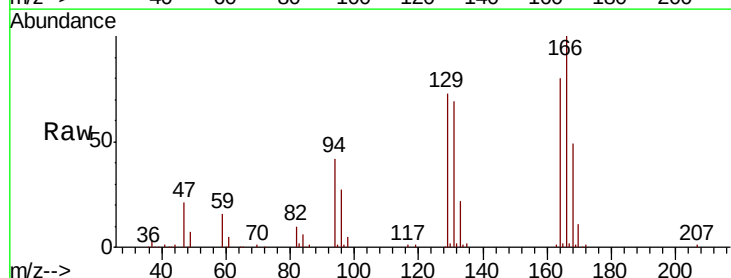
Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

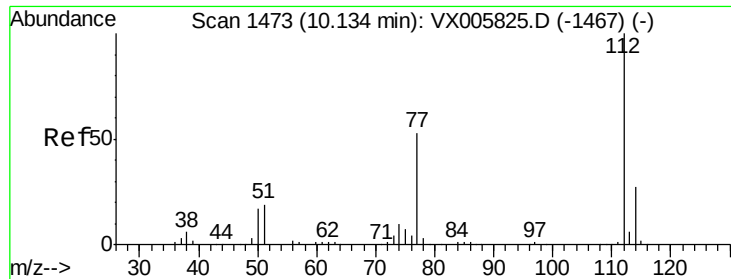
Tot Ion:117 Resp: 141698
Ion Ratio Lower Upper
117 100
82 54.0 44.1 66.1
119 32.7 26.2 39.2



#64
Tetrachloroethene
Concen: 19.118 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Tgt Ion:164 Resp: 23064
Ion Ratio Lower Upper
164 100
166 124.6 101.9 152.9
129 90.4 72.6 109.0
131 85.6 71.1 106.7

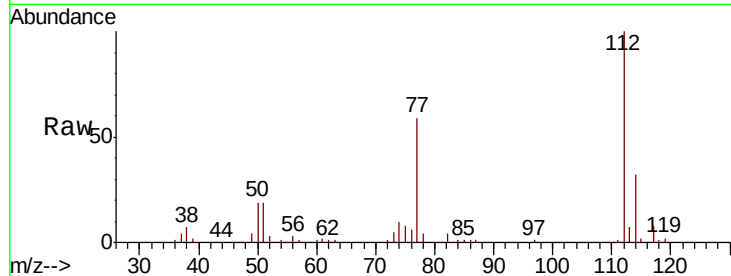




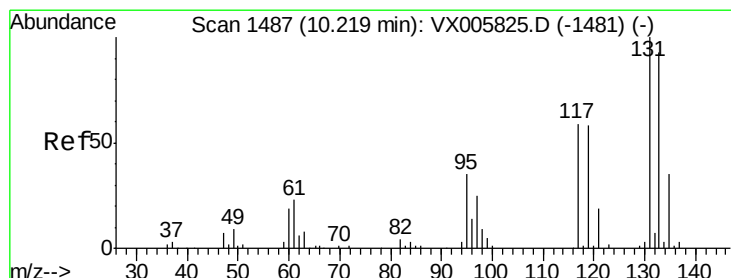
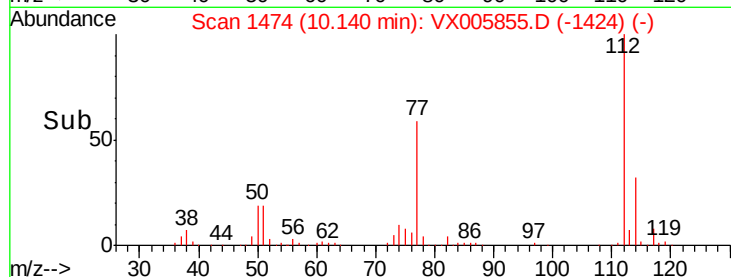
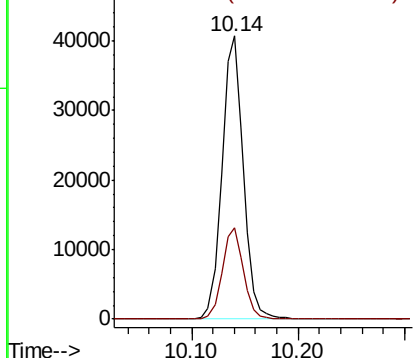
#65
Chlorobenzene
Concen: 19.996 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

Tot Ion:112 Resp: 56763
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6

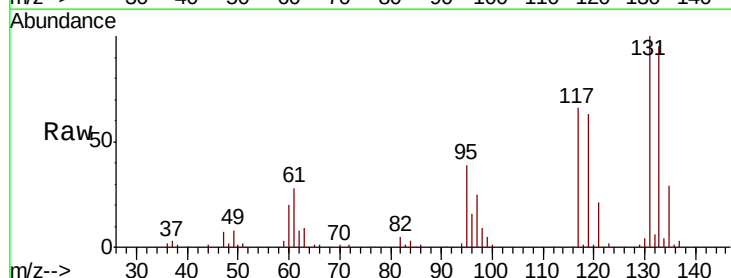


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

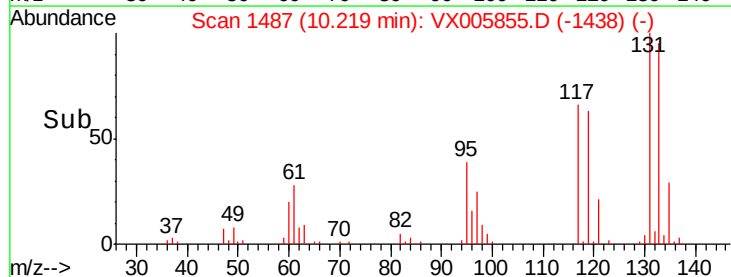
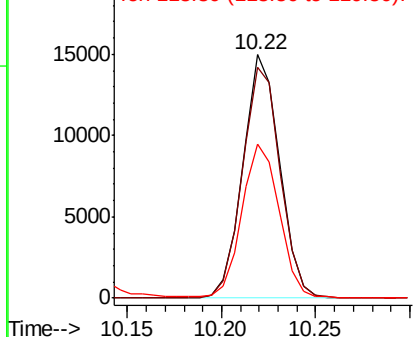


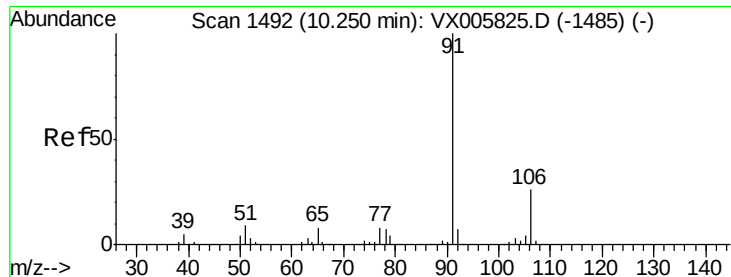
#66
1,1,1,2-Tetrachloroethane
Concen: 20.451 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Tgt Ion:131 Resp: 20183
Ion Ratio Lower Upper
131 100
133 97.6 47.5 142.5
119 65.0 31.8 95.3



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





#67

Ethyl Benzene

Concen: 21.242 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

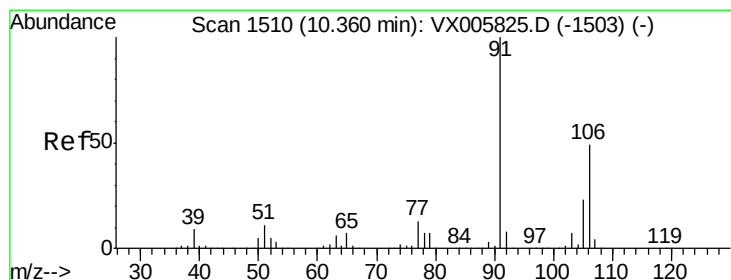
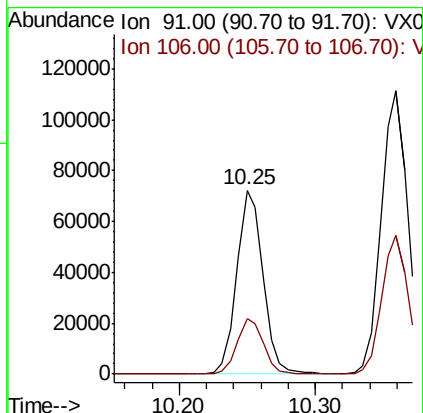
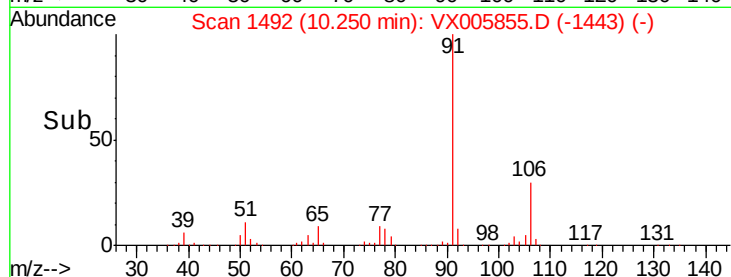
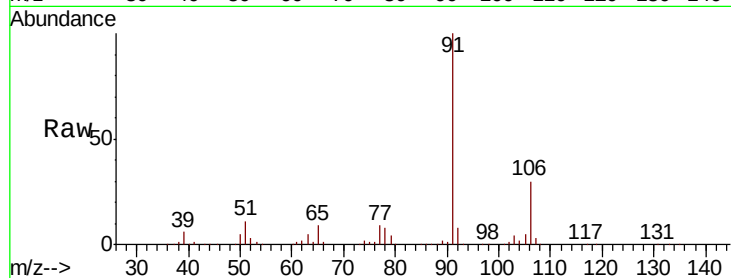
VX1109WBS01

Tot Ion: 91 Resp: 96690

Ion Ratio Lower Upper

91 100

106 30.5 24.4 36.6



#68

m/p-Xylenes

Concen: 42.925 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005855.D

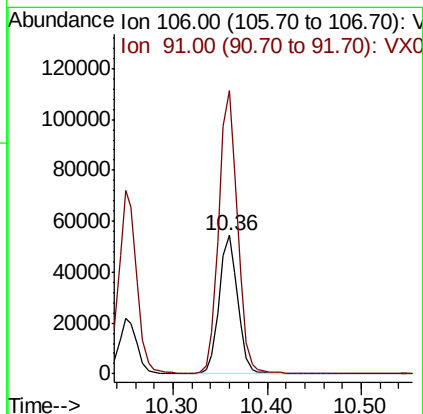
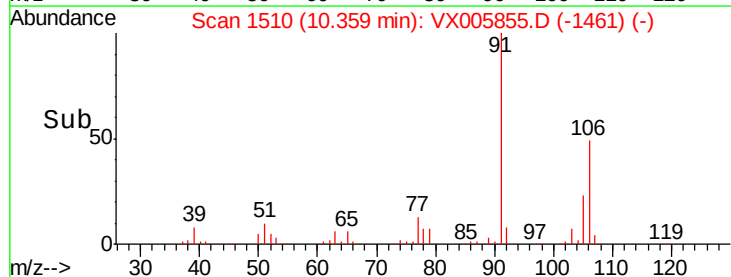
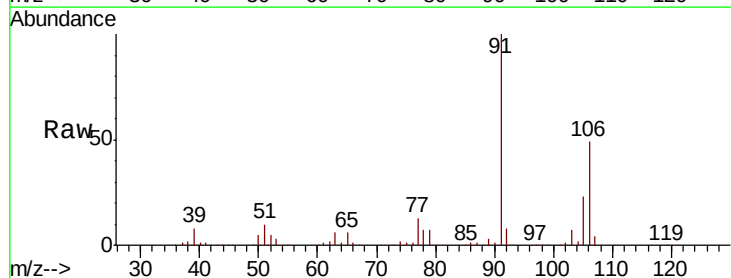
Acq: 09 Nov 2018 12:26

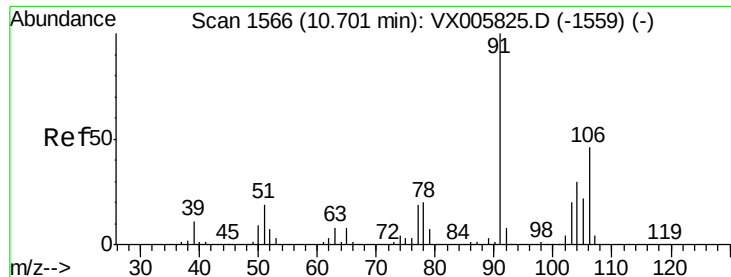
Tgt Ion: 106 Resp: 74529

Ion Ratio Lower Upper

106 100

91 207.2 164.2 246.4

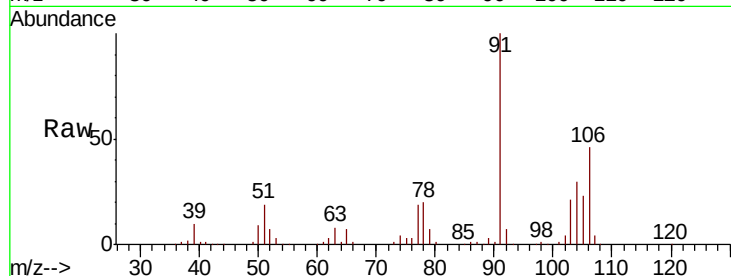




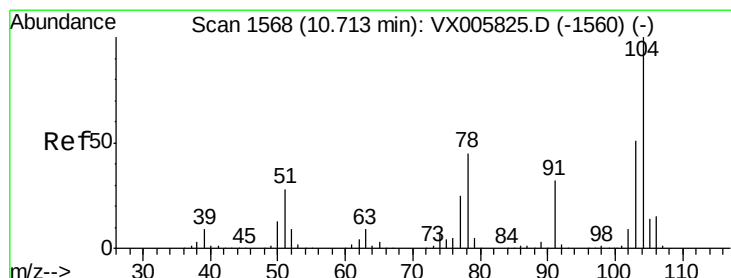
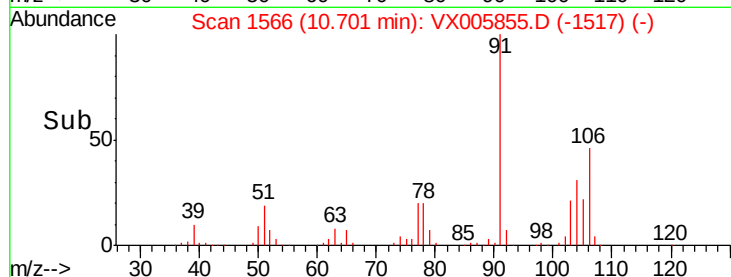
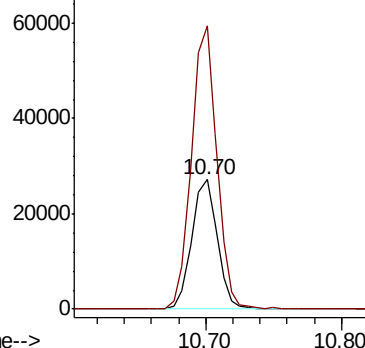
#69
o-Xylene
Concen: 22.877 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

Tot Ion:106 Resp: 35618
Ion Ratio Lower Upper
106 100
91 216.8 108.5 325.5

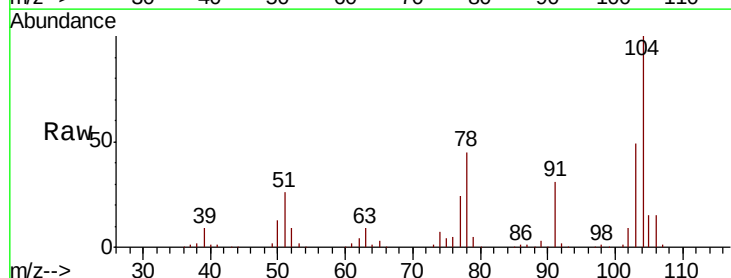


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

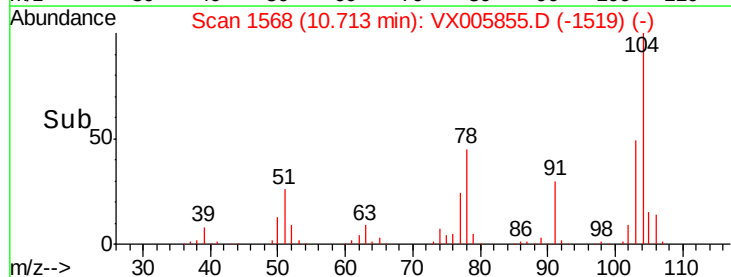
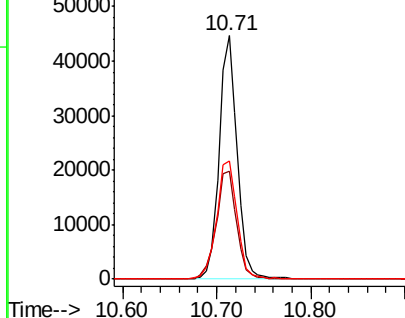


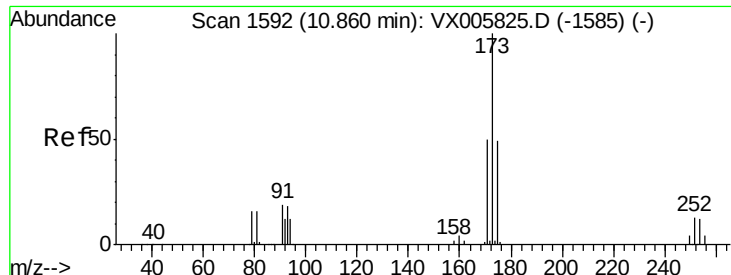
#70
Styrene
Concen: 22.970 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Tgt Ion:104 Resp: 58993
Ion Ratio Lower Upper
104 100
78 51.0 40.2 60.4
103 55.7 44.9 67.3



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





#71

Bromoform

Concen: 20.797 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBS01

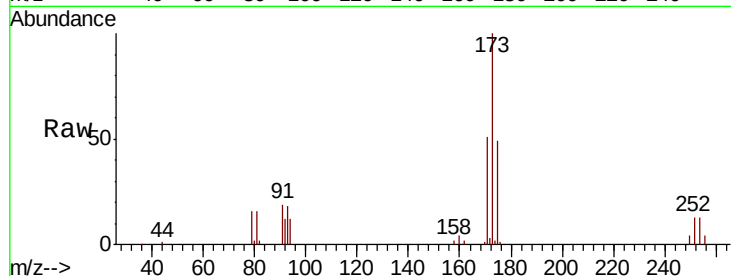
Tot Ion:173 Resp: 17205

Ion Ratio Lower Upper

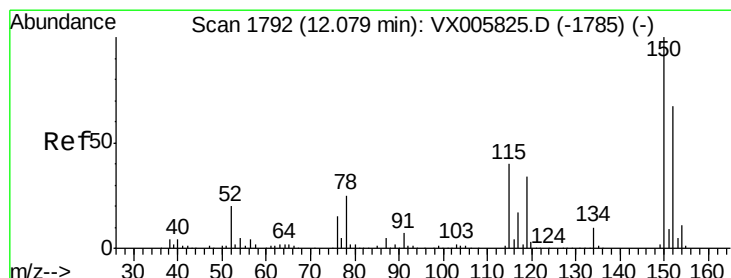
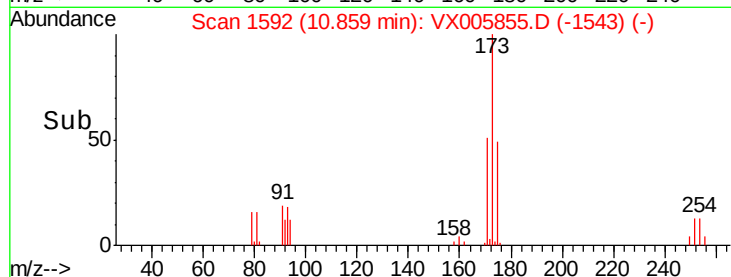
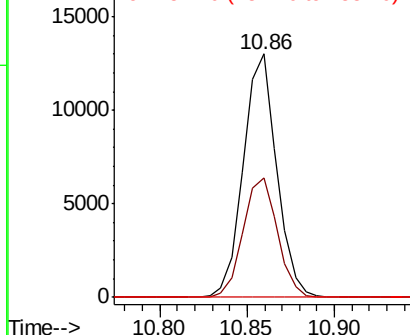
173 100

175 50.5 24.8 74.3

254 0.0 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: VX005855.D

Acq: 09 Nov 2018 12:26

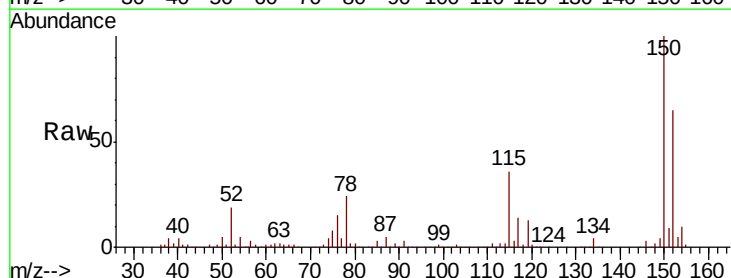
Tgt Ion:152 Resp: 78231

Ion Ratio Lower Upper

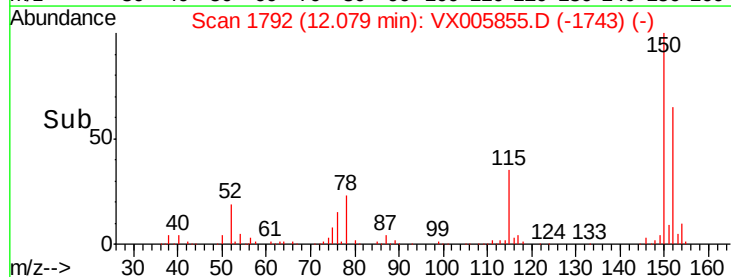
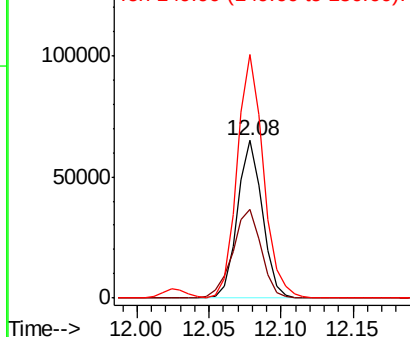
152 100

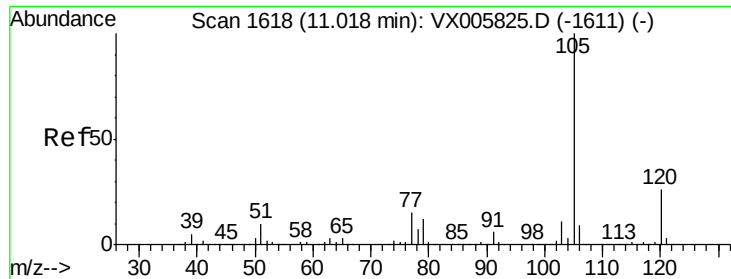
115 65.0 39.4 118.1

150 163.3 0.0 346.4



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





#73

Isopropylbenzene

Concen: 21.774 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

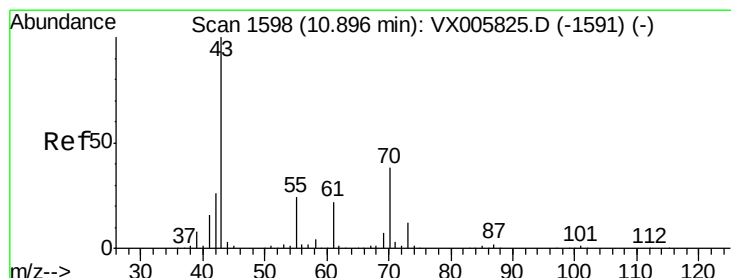
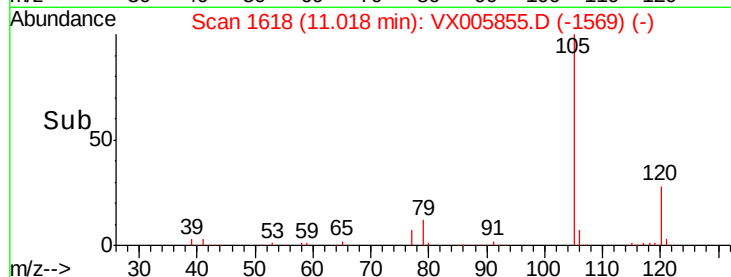
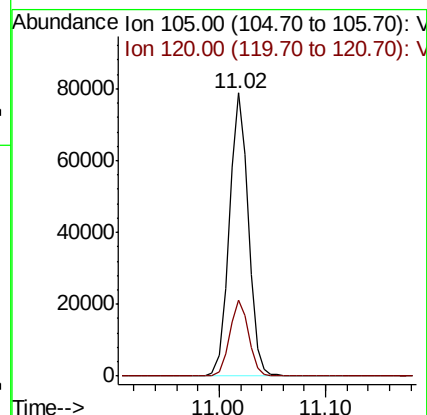
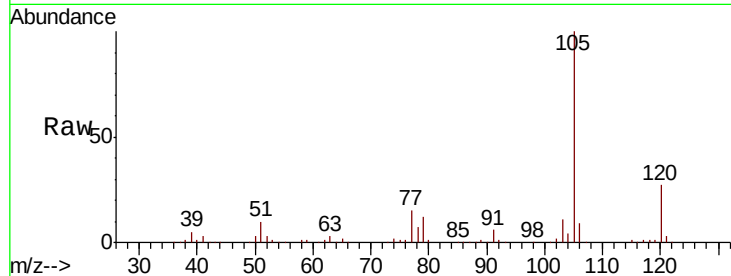
VX1109WBS01

Tot Ion:105 Resp: 98505

Ion Ratio Lower Upper

105 100

120 26.7 13.1 39.3



#74

N-ethyl acetate

Concen: 18.984 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

Tgt Ion: 43 Resp: 46168

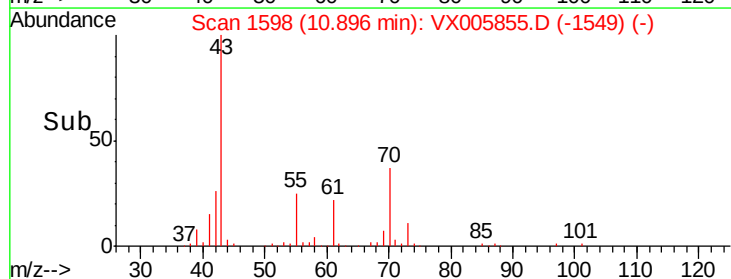
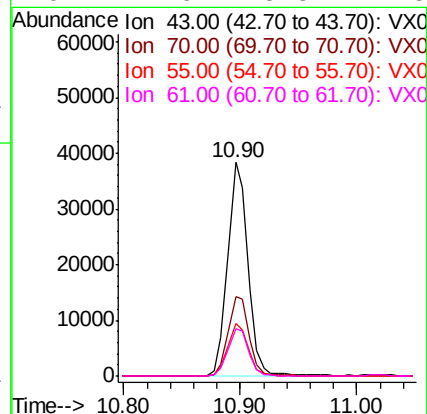
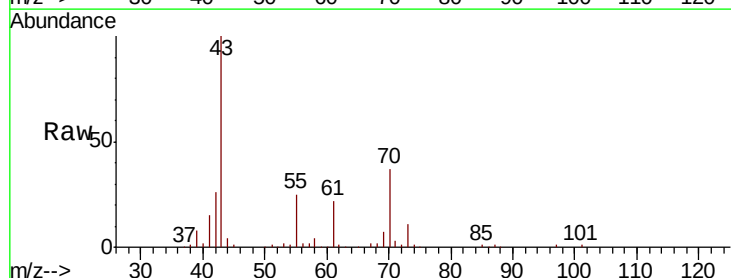
Ion Ratio Lower Upper

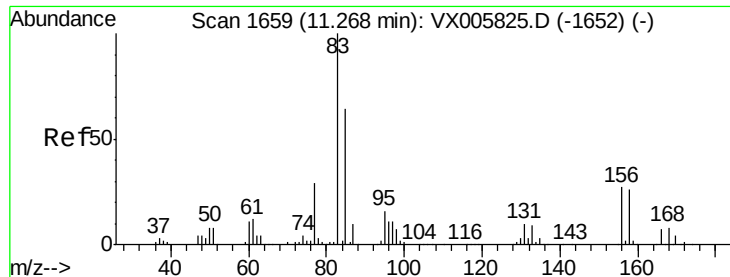
43 100

70 38.6 31.6 47.4

55 25.1 19.7 29.5

61 22.6 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.096 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBS01

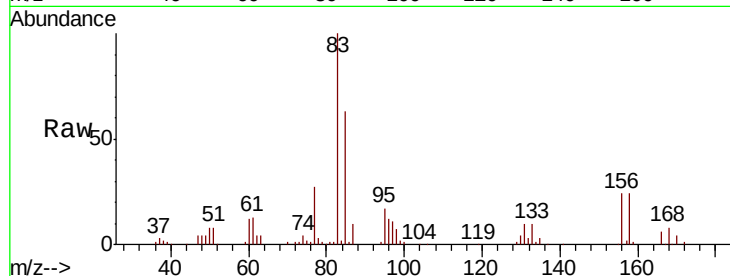
Tot Ion: 83 Resp: 33369

Ion Ratio Lower Upper

83 100

131 10.4 5.3 15.9

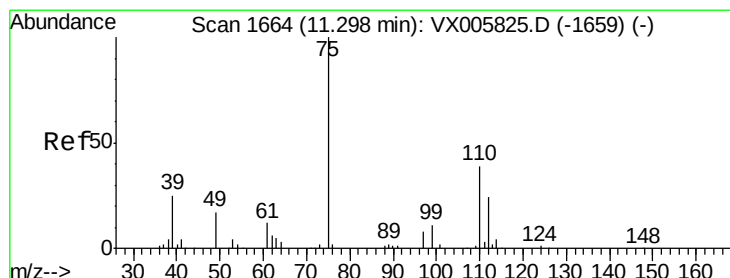
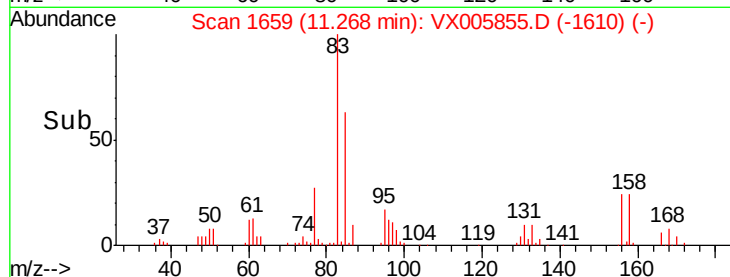
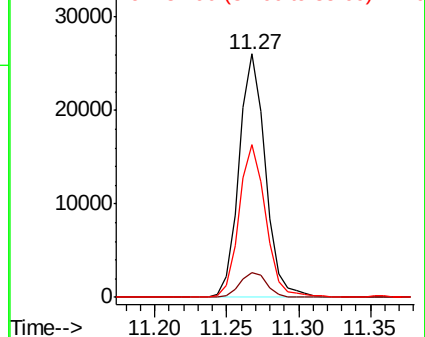
85 63.5 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.562 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005855.D

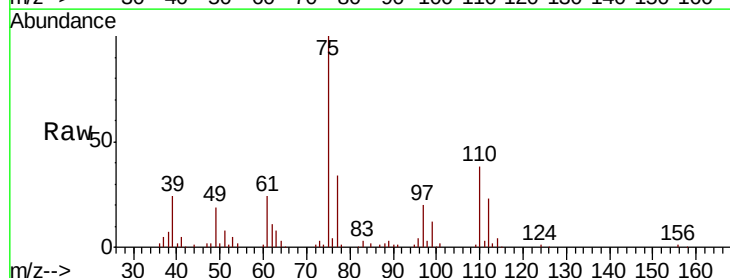
Acq: 09 Nov 2018 12:26

Tgt Ion: 75 Resp: 39126

Ion Ratio Lower Upper

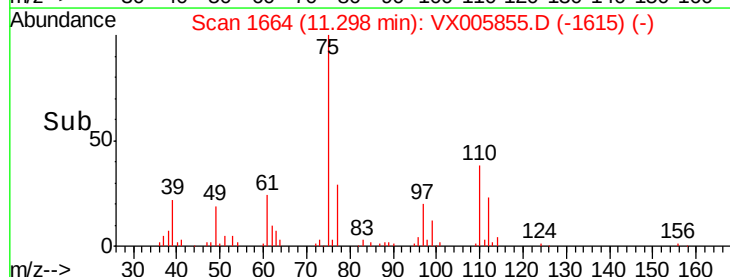
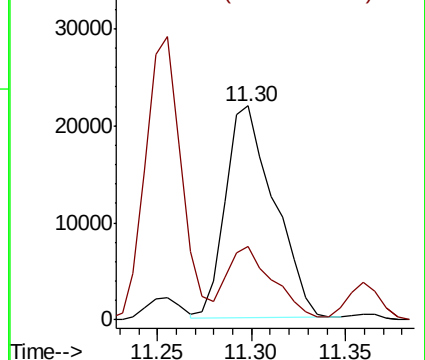
75 100

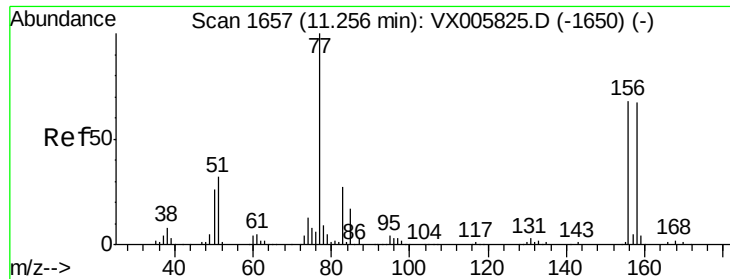
77 32.7 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.277 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBS01

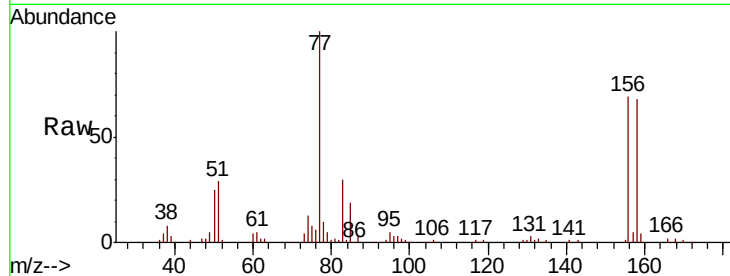
Tot Ion:156 Resp: 25856

Ion Ratio Lower Upper

156 100

77 151.4 74.8 224.4

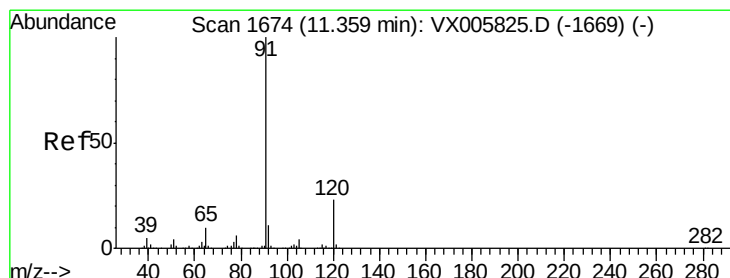
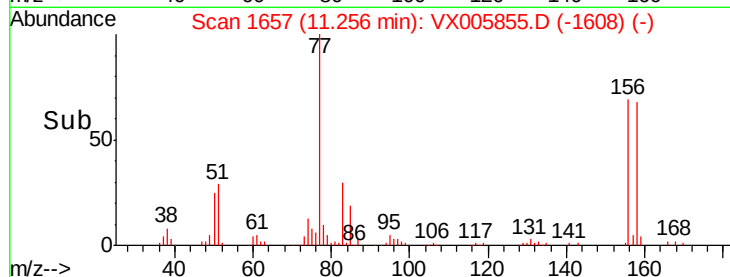
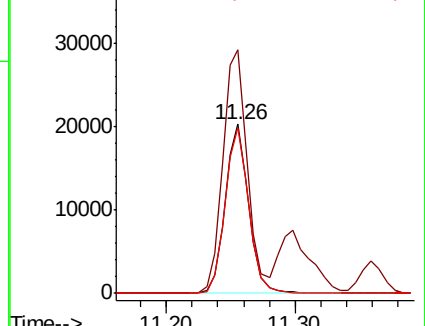
158 98.5 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.488 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005855.D

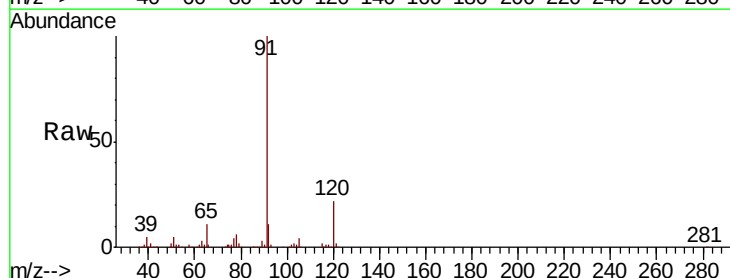
Acq: 09 Nov 2018 12:26

Tgt Ion: 91 Resp: 114565

Ion Ratio Lower Upper

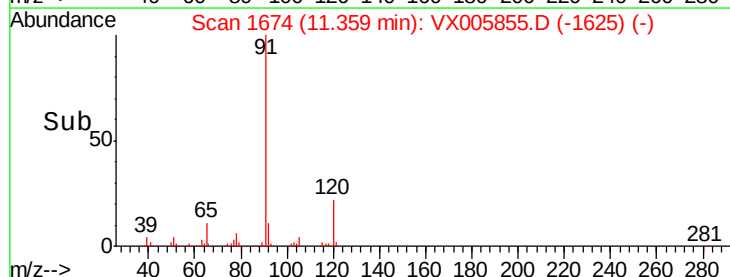
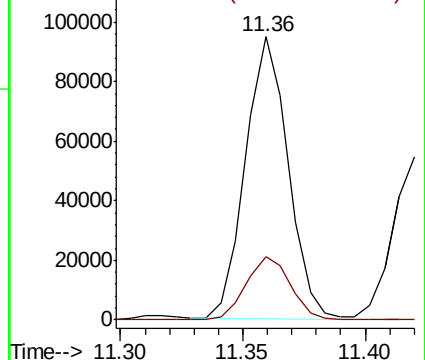
91 100

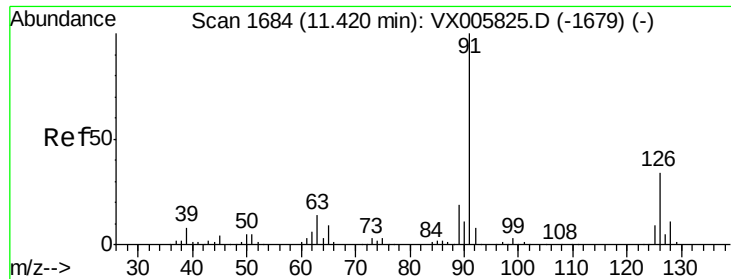
120 23.4 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.384 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

Instrument :

MSVOA_X

ClientSampled :

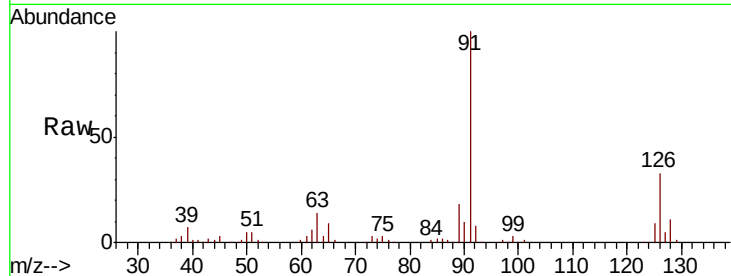
VX1109WBS01

Tot Ion: 91 Resp: 68915

Ion Ratio Lower Upper

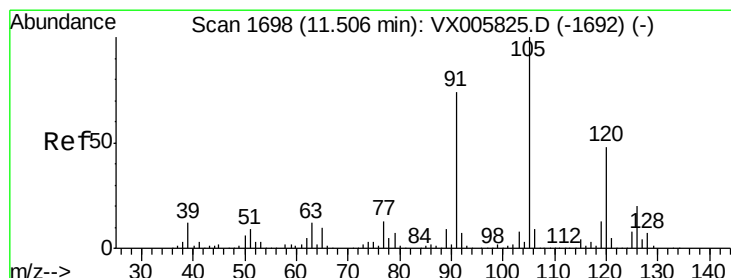
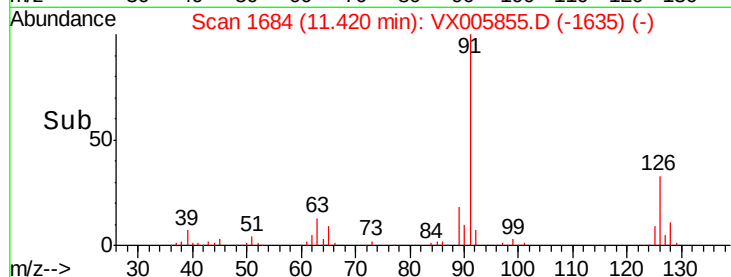
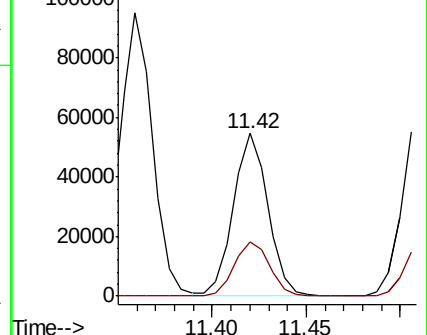
91 100

126 34.6 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VX005825.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX005825.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.779 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005855.D

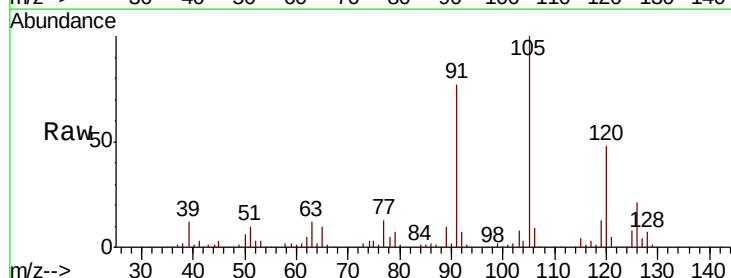
Acq: 09 Nov 2018 12:26

Tgt Ion: 105 Resp: 83727

Ion Ratio Lower Upper

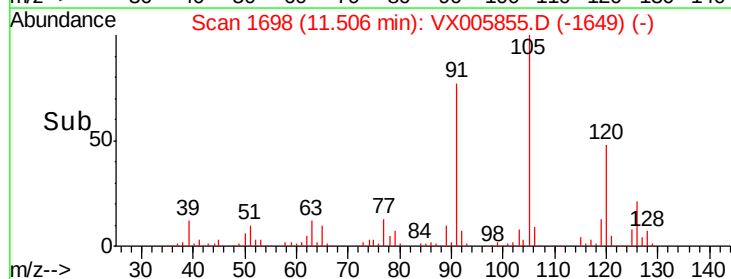
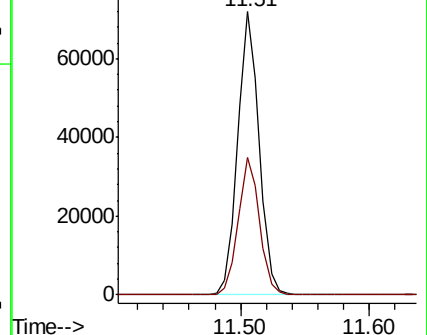
105 100

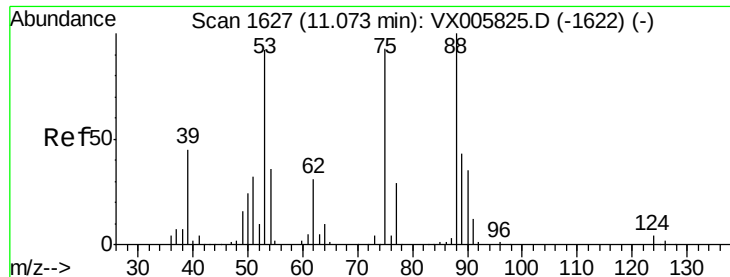
120 48.4 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VX005825.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX005825.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.176 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBS01

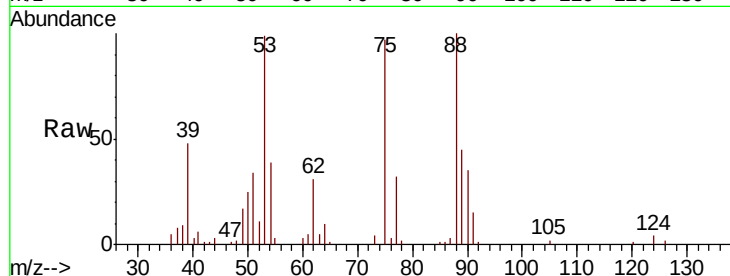
Tot Ion: 75 Resp: 10084

Ion Ratio Lower Upper

75 100

53 103.0 80.2 120.2

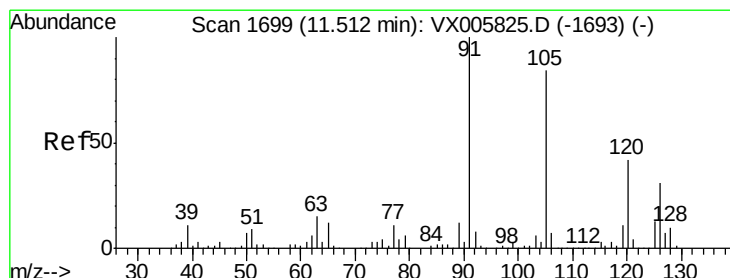
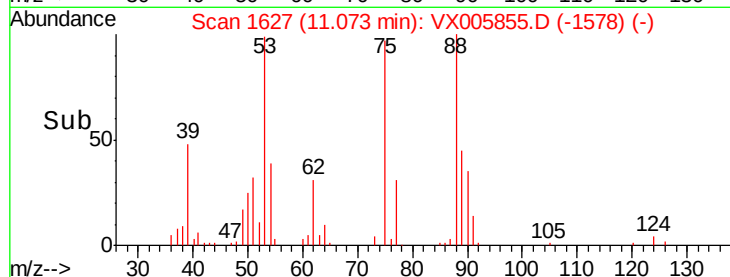
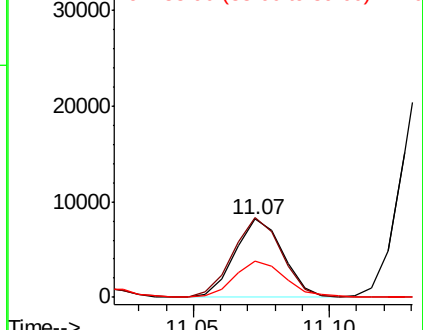
89 48.8 39.8 59.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 21.461 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005855.D

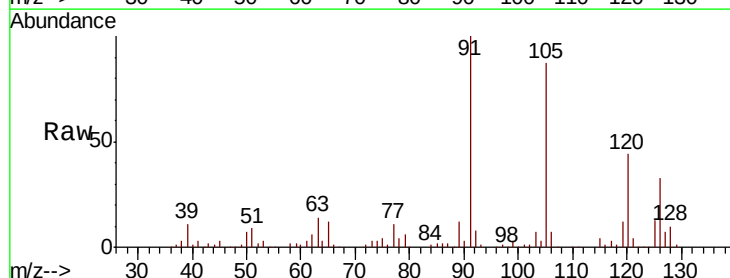
Acq: 09 Nov 2018 12:26

Tgt Ion: 91 Resp: 81511

Ion Ratio Lower Upper

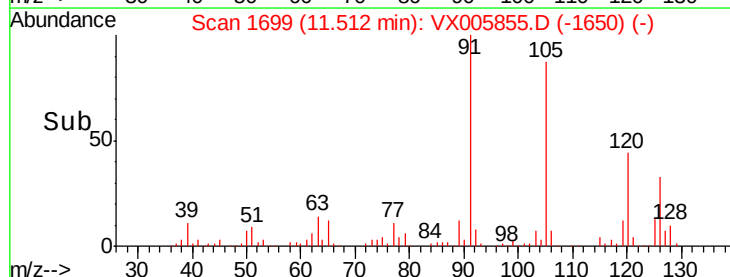
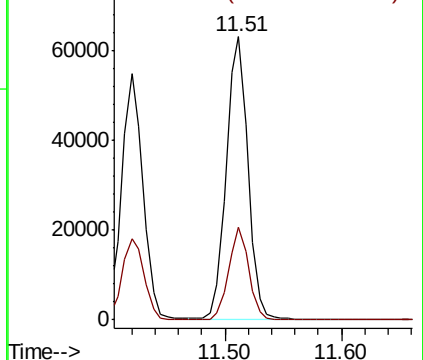
91 100

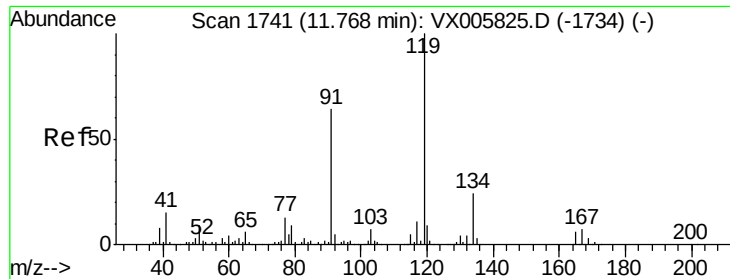
126 30.3 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

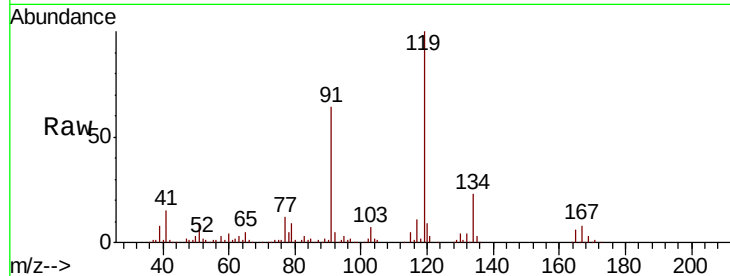




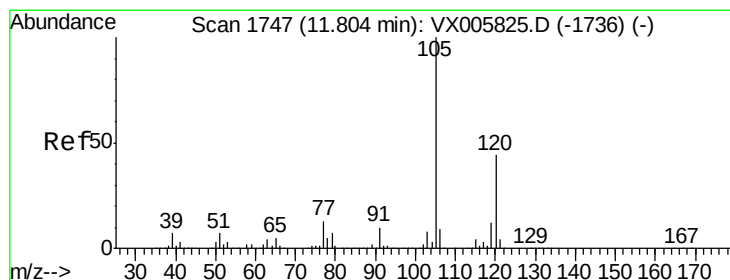
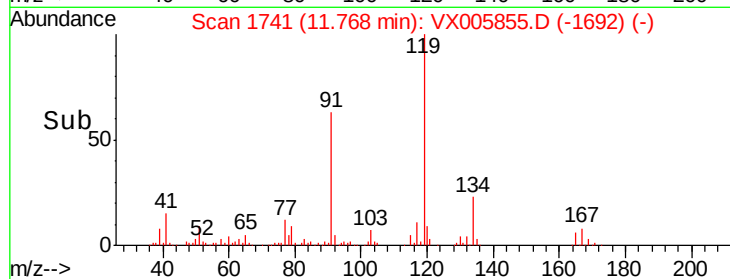
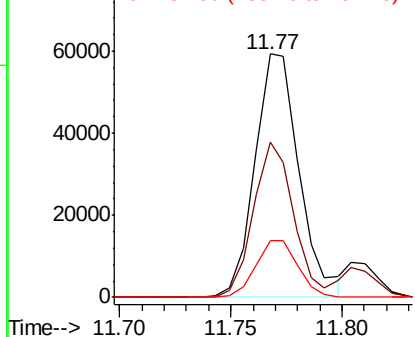
#83
 tert-Butylbenzene
 Concen: 21.171 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX005855.D
 Acq: 09 Nov 2018 12:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBS01

Tot Ion:119 Resp: 82341
 Ion Ratio Lower Upper
 119 100
 91 57.7 28.5 85.5
 134 22.4 11.3 33.8

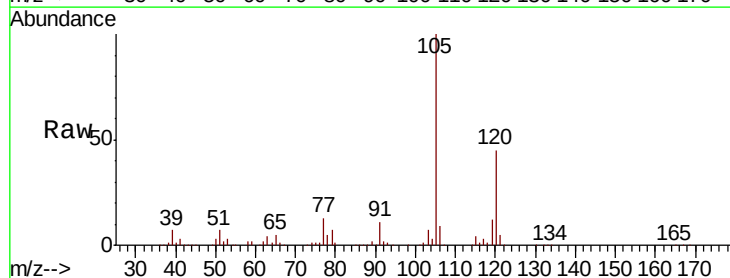


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

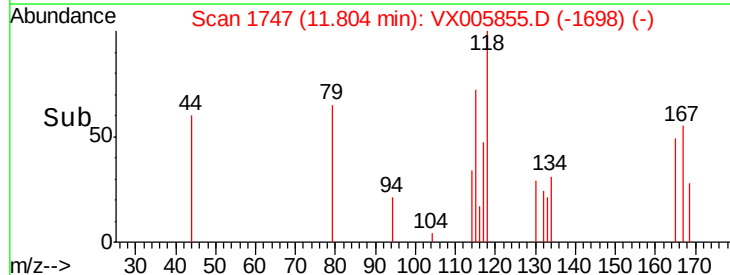
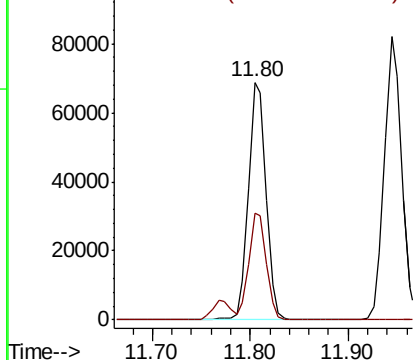


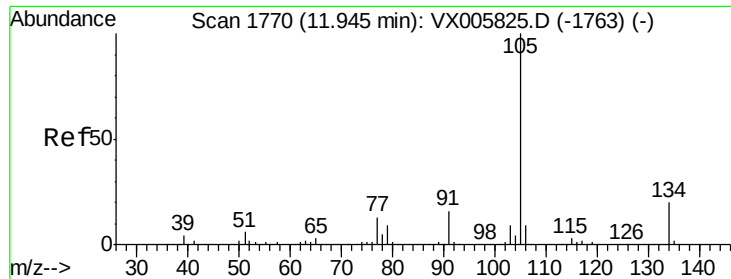
#84
 1,2,4-Trimethylbenzene
 Concen: 20.263 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX005855.D
 Acq: 09 Nov 2018 12:26

Tgt Ion:105 Resp: 86271
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.4 67.0



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





#85

sec-Butylbenzene

Concen: 21.239 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

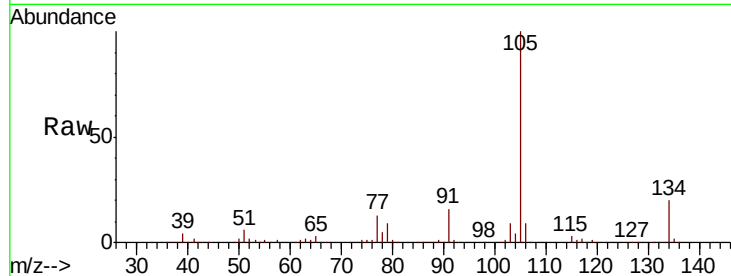
VX1109WBS01

Tot Ion:105 Resp: 101015

Ion Ratio Lower Upper

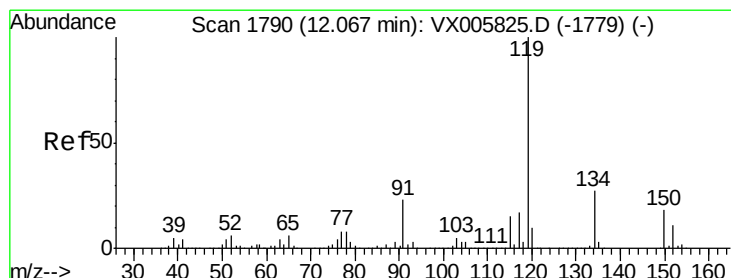
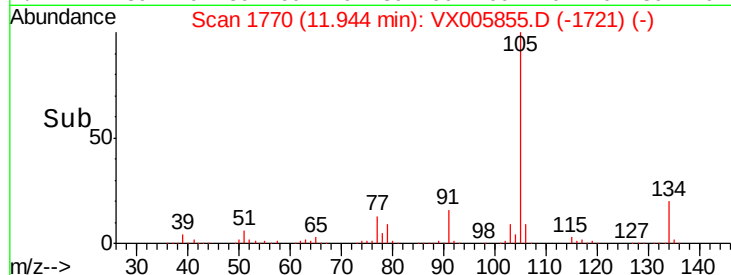
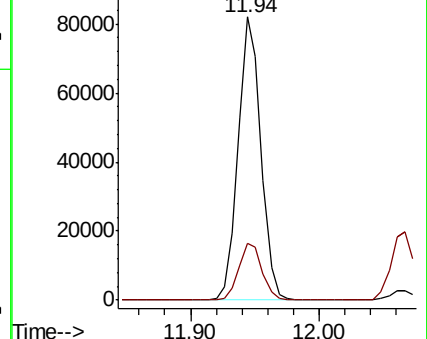
105 100

134 20.4 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.495 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

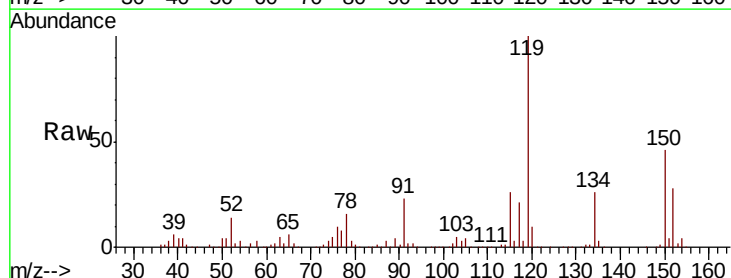
Tgt Ion:119 Resp: 90554

Ion Ratio Lower Upper

119 100

134 26.7 13.0 39.0

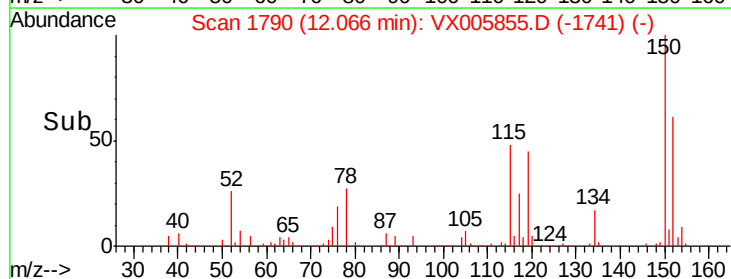
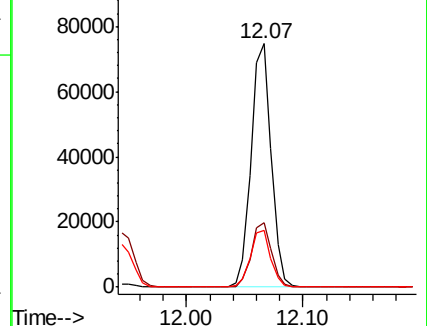
91 23.6 11.4 34.2

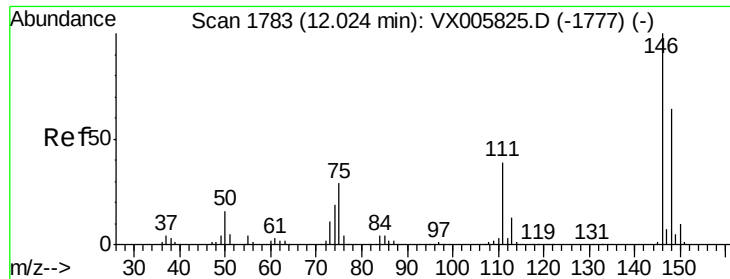


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

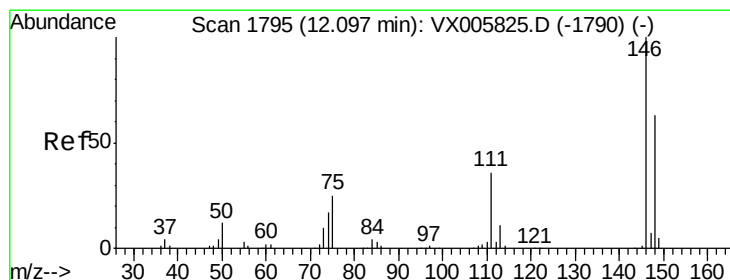
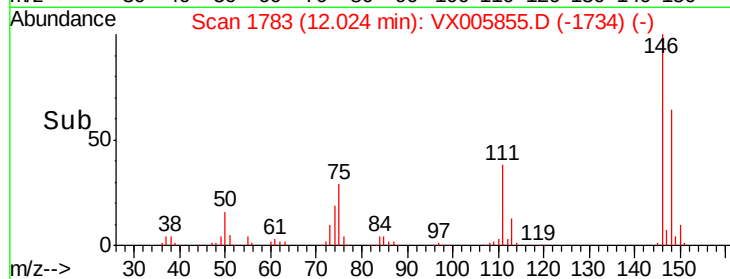
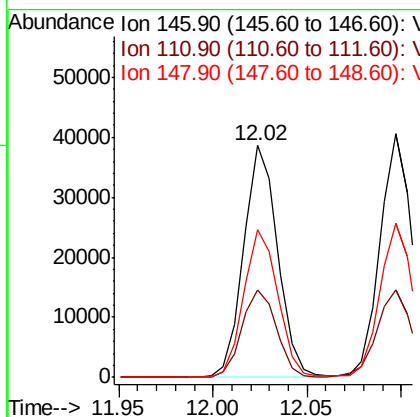
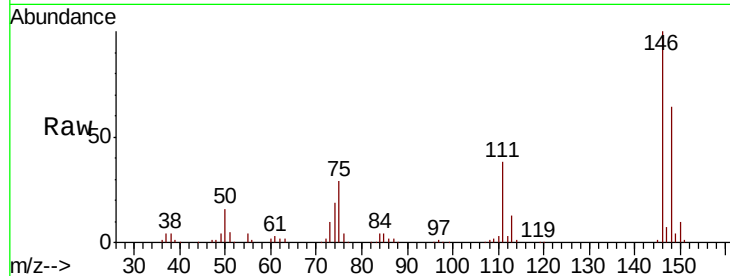




#87
 1,3-Dichlorobenzene
 Concen: 19.831 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005855.D
 Acq: 09 Nov 2018 12:26

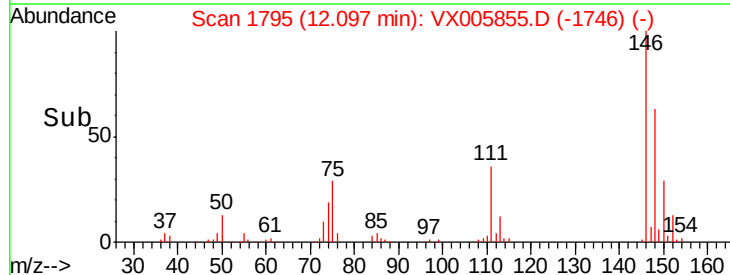
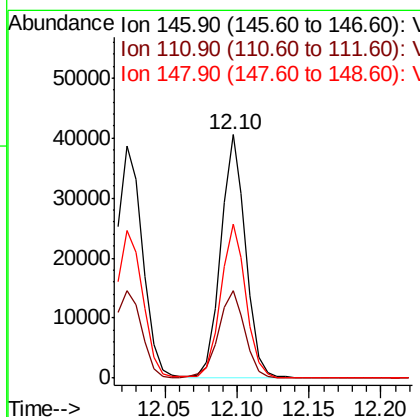
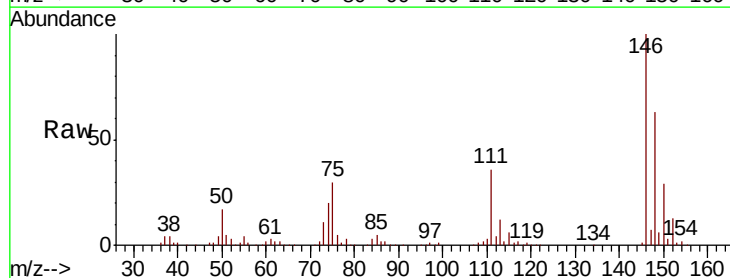
Instrument :
 MSVOA_X
 ClientSampled :
 VX1109WBS01

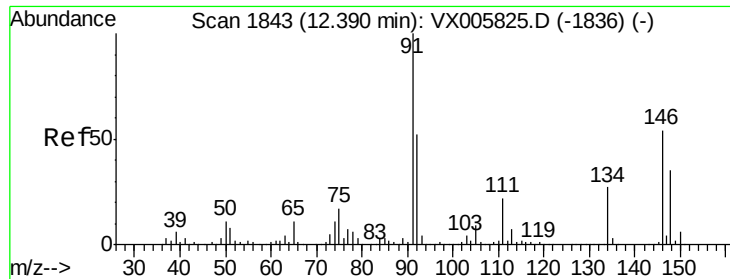
Tot Ion:146 Resp: 48531
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.0 57.0
 148 63.7 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 19.611 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005855.D
 Acq: 09 Nov 2018 12:26

Tgt Ion:146 Resp: 49128
 Ion Ratio Lower Upper
 146 100
 111 38.4 18.6 55.8
 148 64.4 32.1 96.3





#89

n-Butylbenzene

Concen: 20.611 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBS01

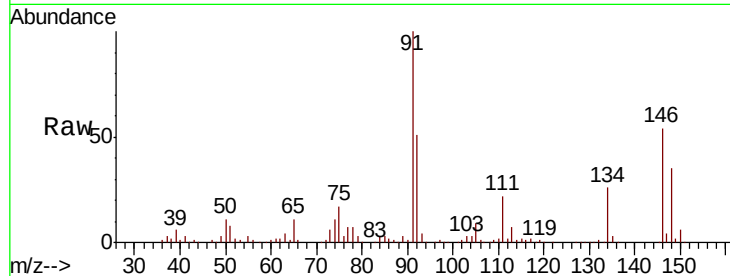
Tot Ion: 91 Resp: 80477

Ion Ratio Lower Upper

91 100

92 51.4 26.1 78.2

134 26.0 13.1 39.3

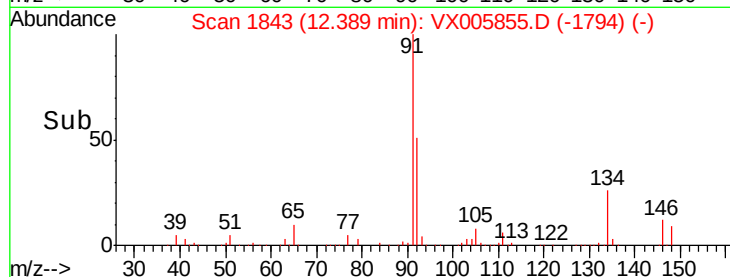


Abundance Ion 91.00 (90.70 to 91.70): VX005825.D (-1836) (-)

Ion 92.00 (91.70 to 92.70): VX005825.D (-1836) (-)

Ion 134.00 (133.70 to 134.70): VX005825.D (-1836) (-)

Time-->

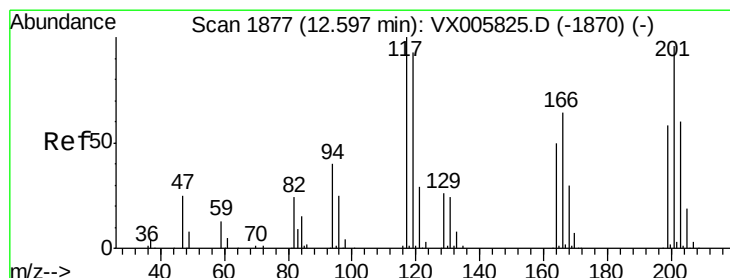


Abundance Ion 91.00 (90.70 to 91.70): VX005855.D (-1794) (-)

Ion 92.00 (91.70 to 92.70): VX005855.D (-1794) (-)

Ion 134.00 (133.70 to 134.70): VX005855.D (-1794) (-)

Time-->



#90

Hexachloroethane

Concen: 20.790 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX005855.D

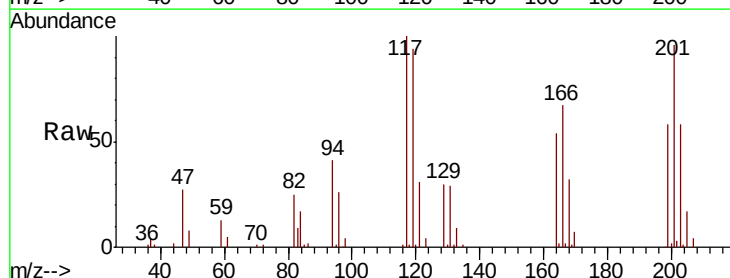
Acq: 09 Nov 2018 12:26

Tgt Ion: 117 Resp: 14623

Ion Ratio Lower Upper

117 100

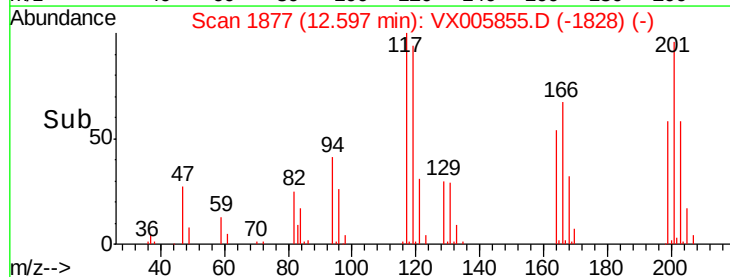
201 95.5 47.9 143.6



Abundance Ion 116.80 (116.50 to 117.50): VX005825.D (-1870) (-)

Ion 200.70 (200.40 to 201.40): VX005825.D (-1870) (-)

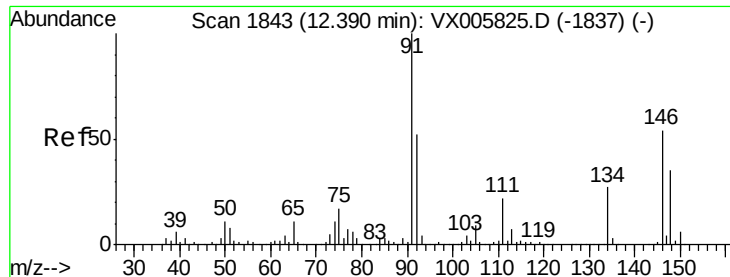
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VX005855.D (-1828) (-)

Ion 200.70 (200.40 to 201.40): VX005855.D (-1828) (-)

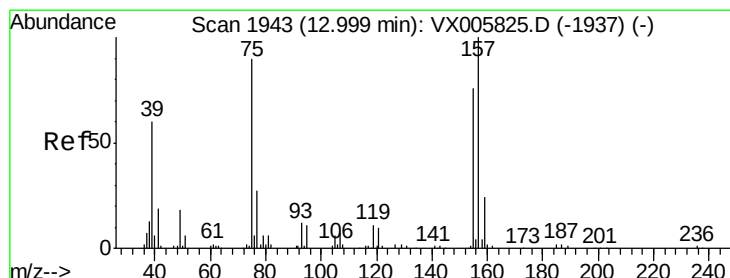
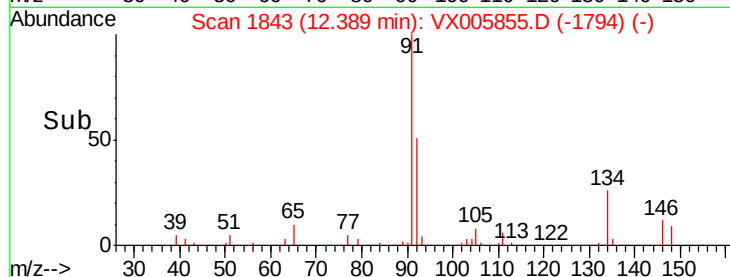
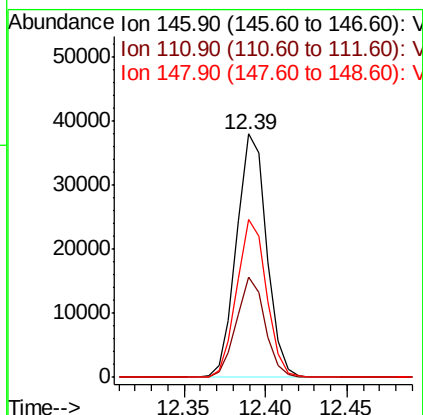
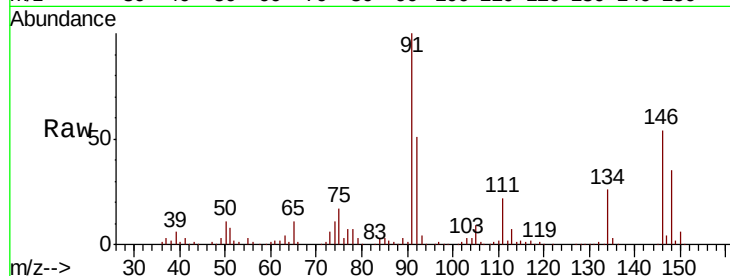
Time-->



#91
 1,2-Dichlorobenzene
 Concen: 19.913 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005855.D
 Acq: 09 Nov 2018 12:26

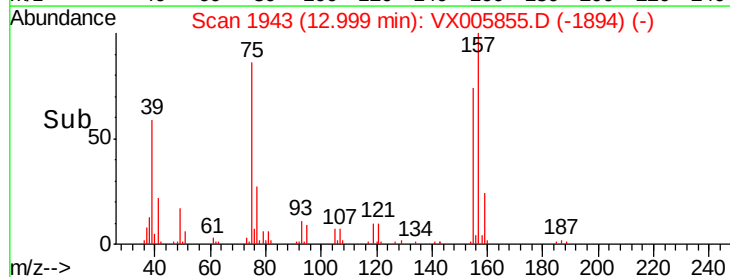
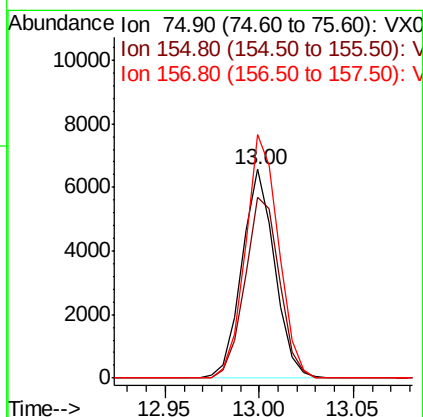
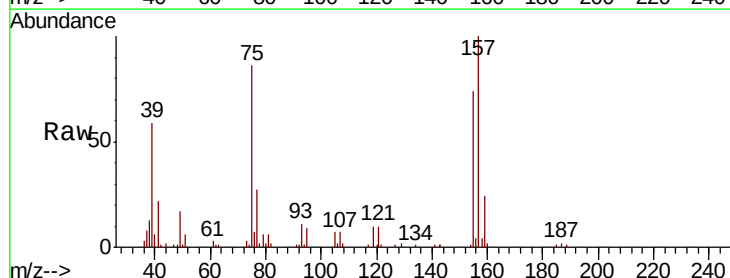
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBS01

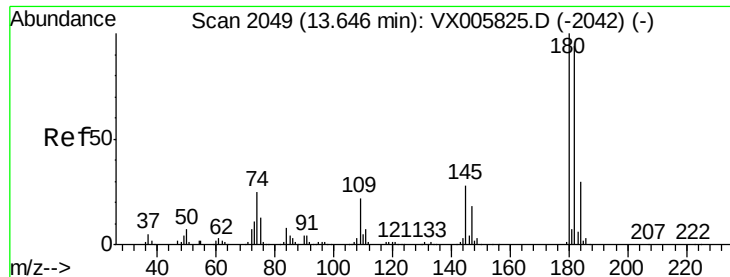
Tot Ion:146 Resp: 48817
 Ion Ratio Lower Upper
 146 100
 111 39.2 20.0 59.9
 148 63.9 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.533 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005855.D
 Acq: 09 Nov 2018 12:26

Tgt Ion: 75 Resp: 7915
 Ion Ratio Lower Upper
 75 100
 155 90.8 45.4 136.1
 157 117.3 57.4 172.0

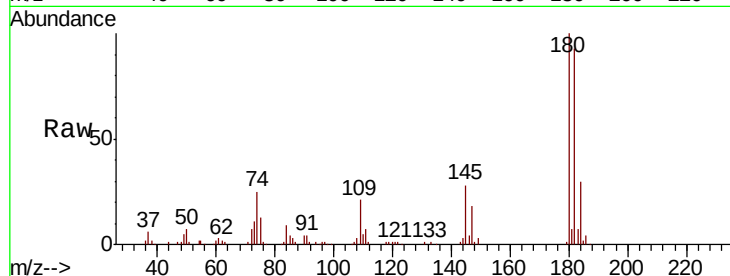




#93
 1,2,4-Trichlorobenzene
 Concen: 20.814 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005855.D
 Acq: 09 Nov 2018 12:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.6	142.8
145	28.8	14.1	42.2

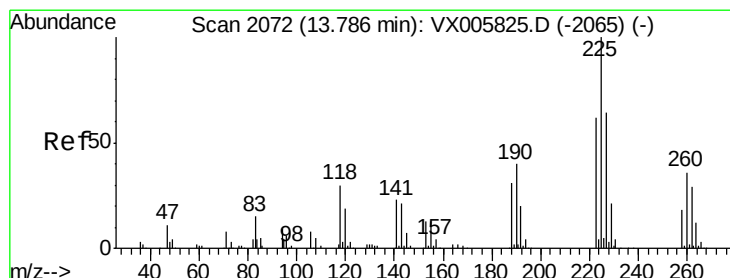
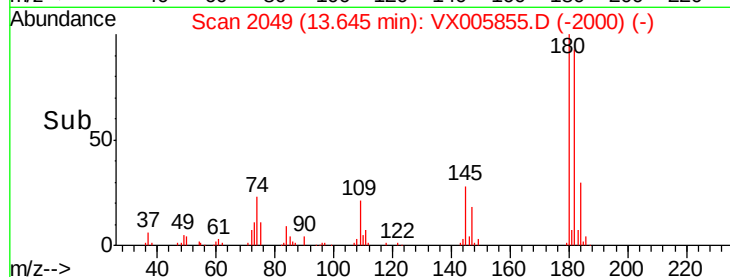
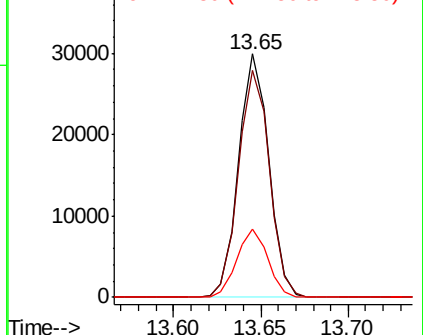


Abundance

Ion 179.80 (179.50 to 180.50): V

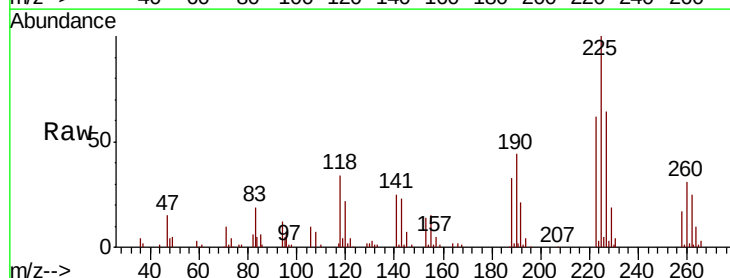
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 20.603 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX005855.D
 Acq: 09 Nov 2018 12:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	31.7	95.1
227	62.0	32.3	96.9

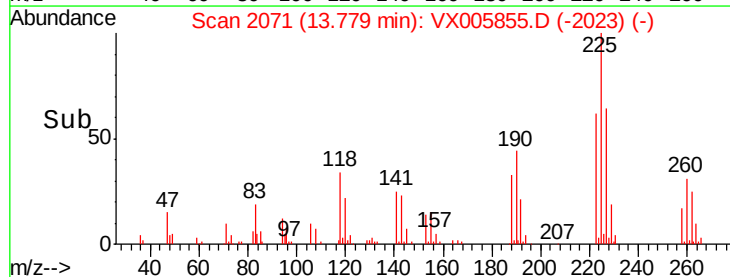
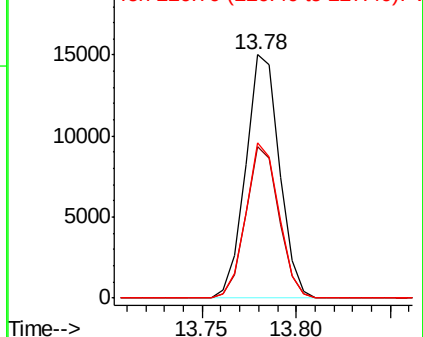


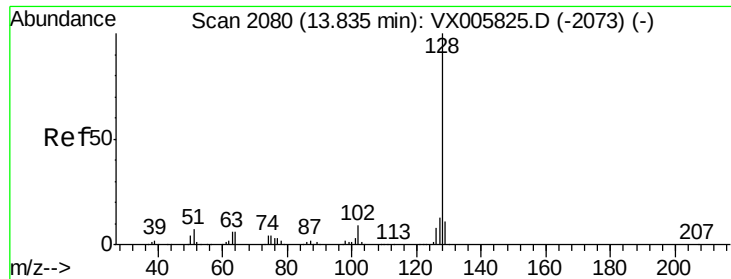
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.526 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBS01

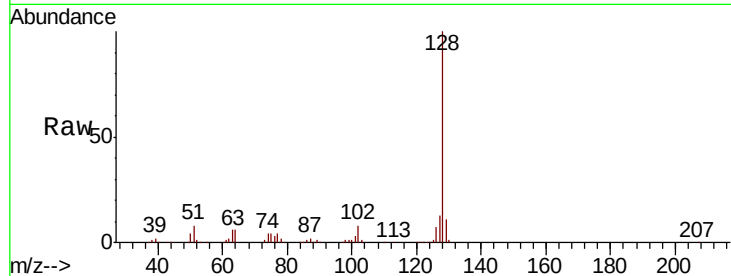
Tot Ion:128 Resp: 105763

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

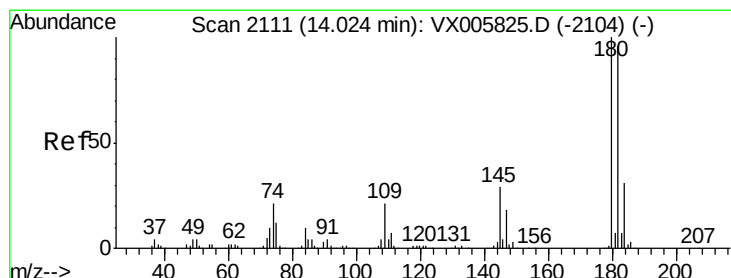
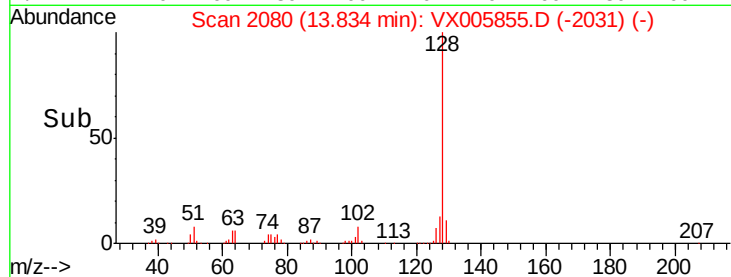
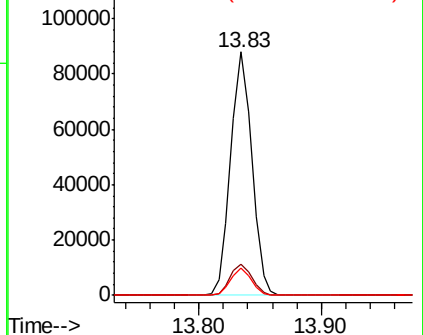
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.009 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

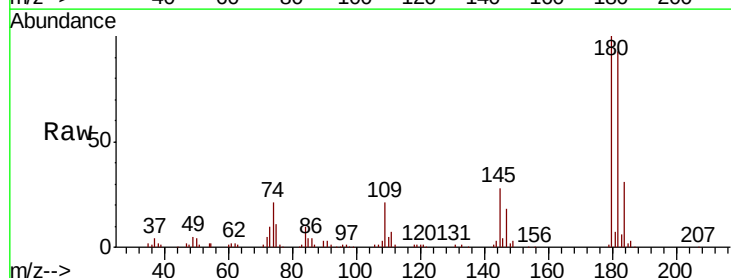
Tgt Ion:180 Resp: 36938

Ion Ratio Lower Upper

180 100

182 93.4 48.0 144.2

145 29.1 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

