

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111218\
 Data File : VX005921.D
 Acq On : 13 Nov 2018 01:19
 Operator : JC/MD
 Sample : VX1112WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112WBS02

Quant Time: Nov 13 04:47:17 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	105609	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	144652	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	130772	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	71946	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	66570	54.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.66%	
35) Dibromofluoromethane	5.50	113	51400	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	
50) Toluene-d8	8.71	98	178409	54.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.08%	
62) 4-Bromofluorobenzene	11.14	95	65859	56.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.00%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	18658	19.595	ug/l	87
3) Chloromethane	1.32	50	22103	17.688	ug/l	100
4) Vinyl Chloride	1.41	62	22310	17.784	ug/l	97
5) Bromomethane	1.64	94	14458	18.833	ug/l	99
6) Chloroethane	1.72	64	13593	18.160	ug/l	95
7) Trichlorofluoromethane	1.93	101	32527	19.534	ug/l	96
8) Diethyl Ether	2.19	74	12599	19.309	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	18603	19.424	ug/l	99
10) Methyl Iodide	2.51	142	19582	16.871	ug/l	97
11) Tert butyl alcohol	3.07	59	33961	97.645	ug/l	98
12) 1,1-Dichloroethene	2.37	96	16873	18.076	ug/l	93
13) Acrolein	2.29	56	23716	151.211	ug/l	100
14) Allyl chloride	2.73	41	39136	18.772	ug/l	99
15) Acrylonitrile	3.15	53	72271	100.268	ug/l	98
16) Acetone	2.45	43	66210	101.284	ug/l	95
17) Carbon Disulfide	2.57	76	50211	18.033	ug/l	100
18) Methyl Acetate	2.78	43	38119	20.896	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	63496	19.930	ug/l	97
20) Methylene Chloride	2.85	84	21133	19.680	ug/l	88
21) trans-1,2-Dichloroethene	3.17	96	18673	18.966	ug/l	96
22) Diisopropyl ether	3.86	45	71315	19.527	ug/l	91
23) Vinyl Acetate	3.82	43	291231	93.004	ug/l	100
24) 1,1-Dichloroethane	3.69	63	37260	19.123	ug/l	98
25) 2-Butanone	4.70	43	98981	96.310	ug/l	91
26) 2,2-Dichloropropane	4.59	77	21768	15.230	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	20887	19.212	ug/l	94
28) Bromochloromethane	5.01	49	20674	23.741	ug/l	99
29) Tetrahydrofuran	5.15	42	63515	96.252	ug/l	99
30) Chloroform	5.21	83	35121	18.683	ug/l	95
31) Cyclohexane	5.57	56	30678	18.138	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	29414	18.759	ug/l	99
36) 1,1-Dichloropropene	5.80	75	24735	17.738	ug/l	97
37) Ethyl Acetate	4.85	43	35796	19.520	ug/l	99
38) Carbon Tetrachloride	5.78	117	26014	18.634	ug/l	97

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112WBS02

Quant Time: Nov 13 04:47:17 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	26371	18.659	ug/l	100
40) Benzene	6.15	78	76607	18.845	ug/l	100
41) Methacrylonitrile	5.06	41	18919	19.093	ug/l	99
42) 1,2-Dichloroethane	6.20	62	29360	20.164	ug/l	99
43) Isopropyl Acetate	6.46	43	49705	18.706	ug/l	99
44) Trichloroethene	7.21	130	19338	18.731	ug/l	98
45) 1,2-Dichloropropane	7.51	63	20290	20.563	ug/l	91
46) Dibromomethane	7.66	93	12528	20.234	ug/l	98
47) Bromodichloromethane	7.90	83	24433	20.880	ug/l	99
48) Methyl methacrylate	7.77	41	24046	20.154	ug/l	99
49) 1,4-Dioxane	7.76	88	10531	409.609	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	167183	99.832	ug/l	99
52) Toluene	8.79	92	44304	19.500	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	24422	17.686	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	27141	19.284	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	18789	18.556	ug/l	98
56) Ethyl methacrylate	9.18	69	26840	17.715	ug/l	98
57) 1,3-Dichloropropane	9.37	76	30921	18.171	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	84055	106.722	ug/l	99
59) 2-Hexanone	9.49	43	130211	88.211	ug/l	100
60) Dibromochloromethane	9.59	129	18980	17.344	ug/l	99
61) 1,2-Dibromoethane	9.67	107	19354	17.285	ug/l	100
64) Tetrachloroethene	9.34	164	21660	19.454	ug/l	97
65) Chlorobenzene	10.14	112	50156	19.145	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	18258	20.046	ug/l	100
67) Ethyl Benzene	10.25	91	84129	20.027	ug/l	99
68) m/p-Xylenes	10.36	106	64481	40.241	ug/l	99
69) o-Xylene	10.70	106	30906	21.509	ug/l	99
70) Styrene	10.71	104	51524	21.738	ug/l	99
71) Bromoform	10.86	173	15347	20.101	ug/l #	99
73) Isopropylbenzene	11.02	105	85272	20.495	ug/l	100
74) N-amyl acetate	10.90	43	40438	18.140	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	29617	19.394	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	34168	23.323	ug/l	86
77) Bromobenzene	11.26	156	23110	19.707	ug/l	99
78) n-propylbenzene	11.36	91	97539	19.892	ug/l	99
79) 2-Chlorotoluene	11.42	91	59924	20.219	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	72667	20.553	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	7880	17.144	ug/l	95
82) 4-Chlorotoluene	11.51	91	69690	19.952	ug/l	100
83) tert-Butylbenzene	11.77	119	69945	19.555	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	74633	19.053	ug/l	99
85) sec-Butylbenzene	11.94	105	85963	19.653	ug/l	99
86) p-Isopropyltoluene	12.07	119	77072	19.893	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	41727	18.541	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	42689	18.529	ug/l	99
89) n-Butylbenzene	12.39	91	65001	18.102	ug/l	99
90) Hexachloroethane	12.60	117	12182	18.833	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	42516	18.858	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	7405	19.871	ug/l	99

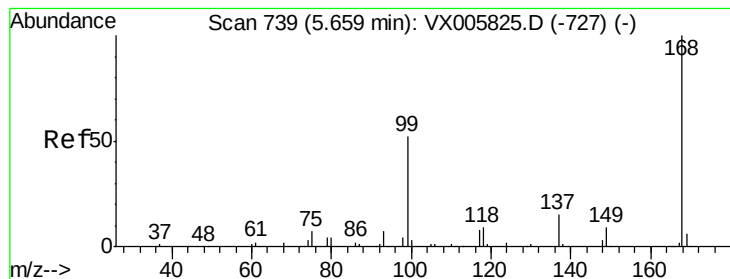
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX111218\
Data File : VX005921.D
Acq On : 13 Nov 2018 01:19
Operator : JC/MD
Sample : VX1112WBS02
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Instrument :
MSVOA_X
ClientSampleId :
VX1112WBS02

Quant Time: Nov 13 04:47:17 2018
Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	13.65	180	30190	19.021	ug/l	100
94) Hexachlorobutadiene	13.78	225	15072	18.078	ug/l	100
95) Naphthalene	13.83	128	91682	18.473	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	31766	19.645	ug/l	99

(#) = 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: VX005921.D

Acq: 13 Nov 2018 01:19

Instrument :

MSVOA_X

ClientSampleId :

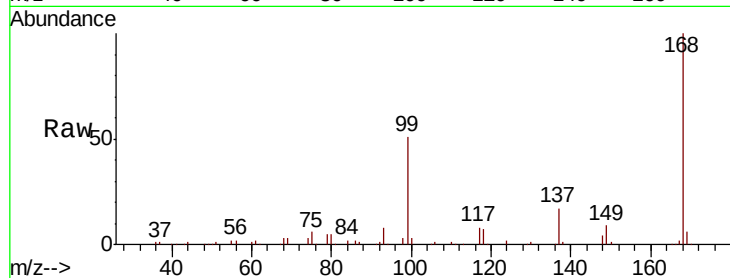
VX1112WBS02

Tot Ion:168 Resp: 105609

Ion Ratio Lower Upper

168 100

99 50.8 40.7 61.1

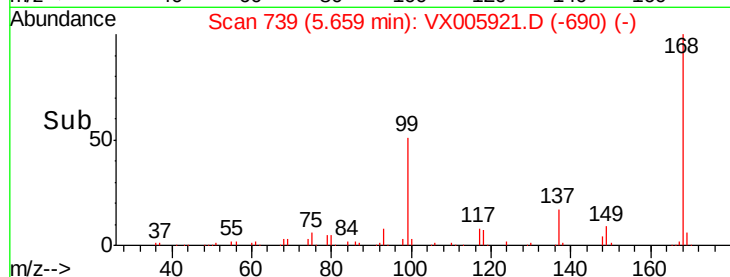


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

Time-->



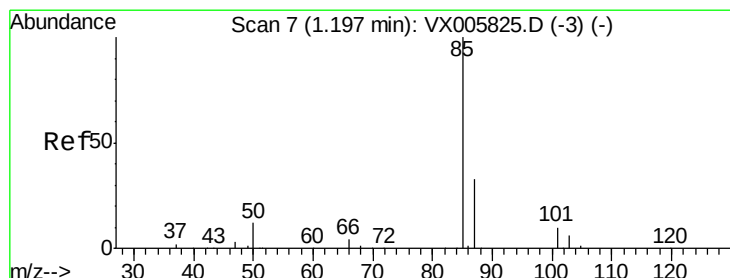
Abundance

Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

Time-->



#2

Dichlorodifluoromethane

Concen: 19.595 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005921.D

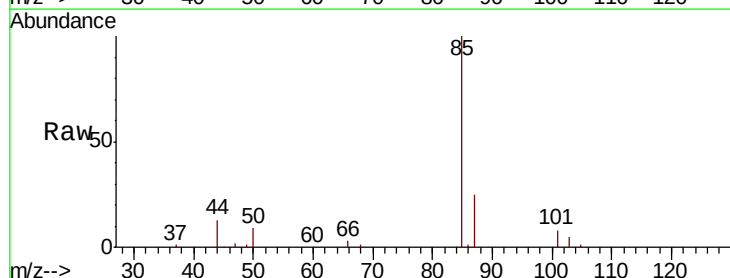
Acq: 13 Nov 2018 01:19

Tgt Ion: 85 Resp: 18658

Ion Ratio Lower Upper

85 100

87 25.2 16.3 48.9

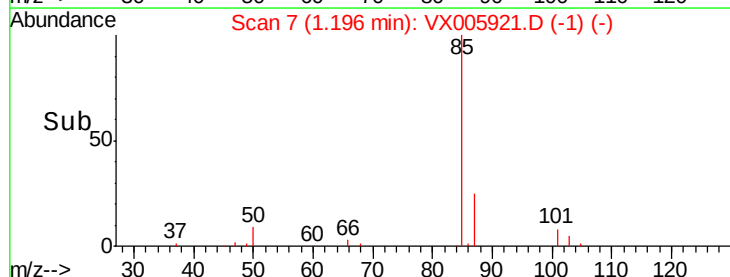


Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

Time-->



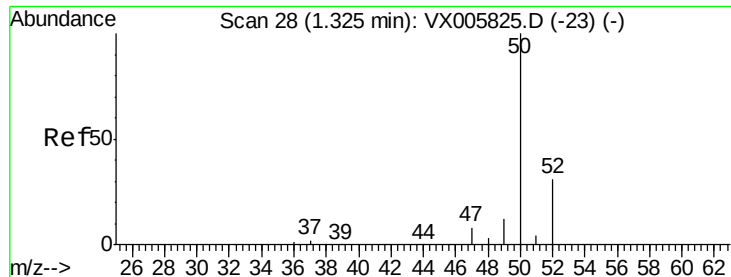
Abundance

Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

Time-->



#3

Chloromethane

Concen: 17.688 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005921.D

Acq: 13 Nov 2018 01:19

Instrument :

MSVOA_X

ClientSampleId :

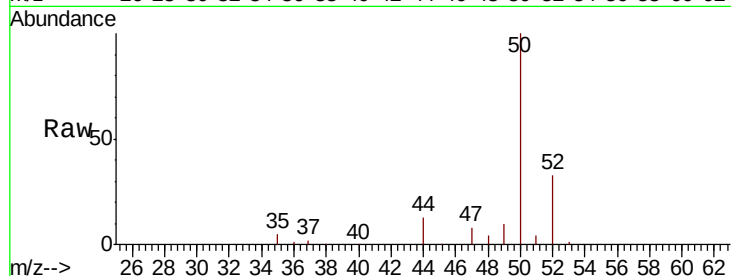
VX1112WBS02

Tot Ion: 50 Resp: 22103

Ion Ratio Lower Upper

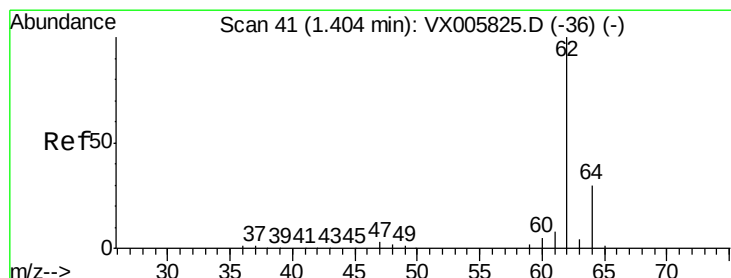
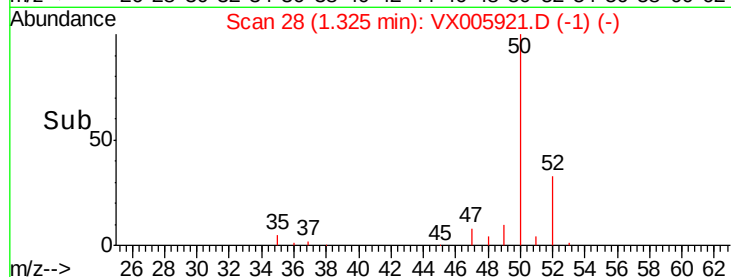
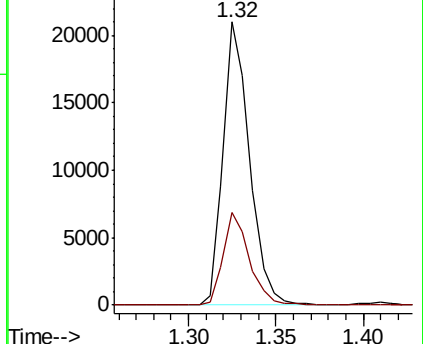
50 100

52 32.6 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.784 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005921.D

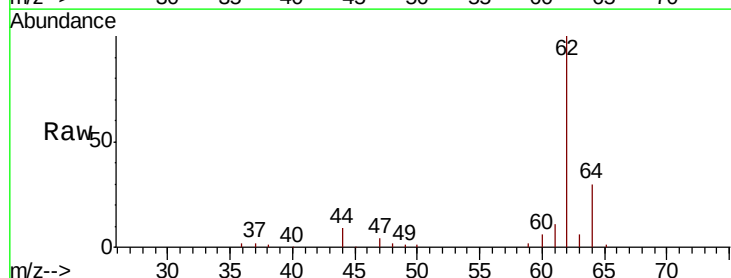
Acq: 13 Nov 2018 01:19

Tgt Ion: 62 Resp: 22310

Ion Ratio Lower Upper

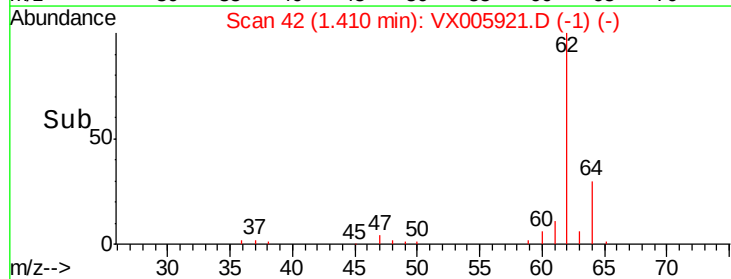
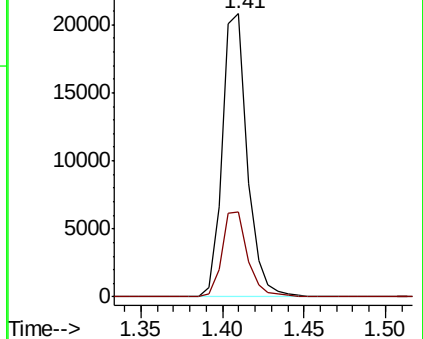
62 100

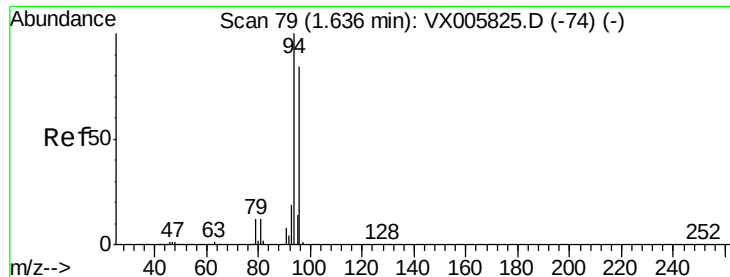
64 29.8 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.833 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005921.D

Acq: 13 Nov 2018 01:19

Instrument :

MSVOA_X

ClientSampleId :

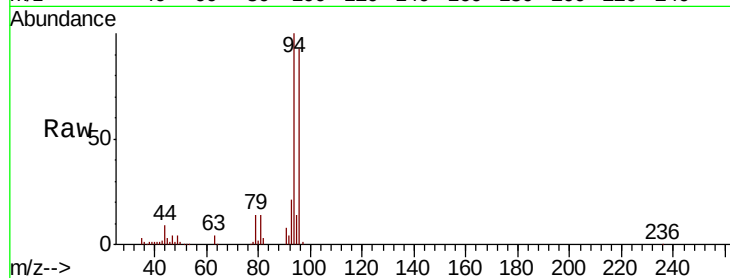
VX1112WBS02

Tot Ion: 94 Resp: 14458

Ion Ratio Lower Upper

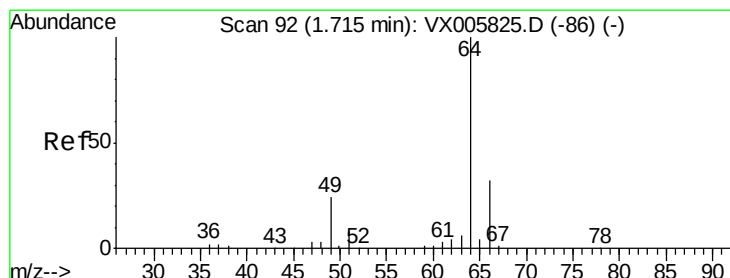
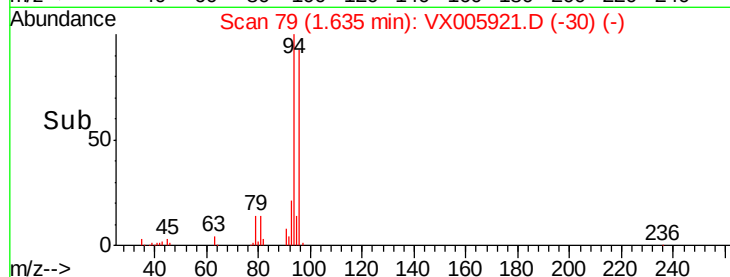
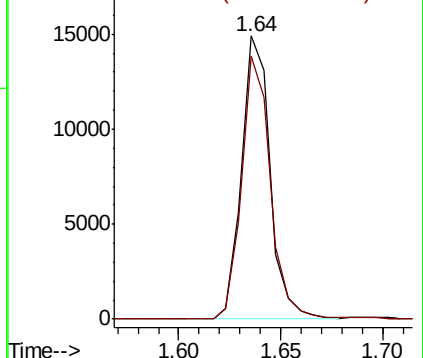
94 100

96 92.9 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.160 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005921.D

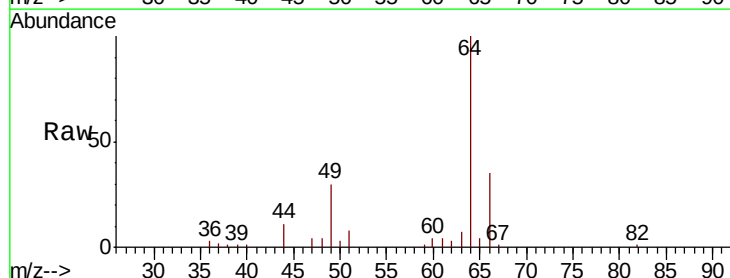
Acq: 13 Nov 2018 01:19

Tgt Ion: 64 Resp: 13593

Ion Ratio Lower Upper

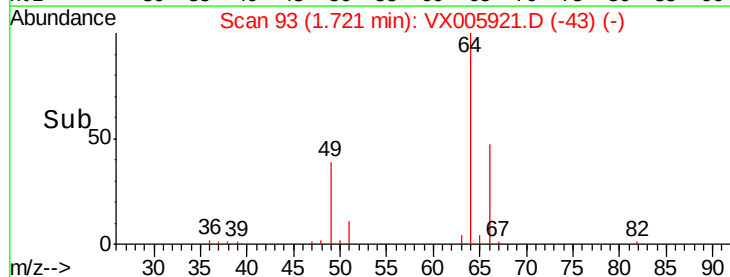
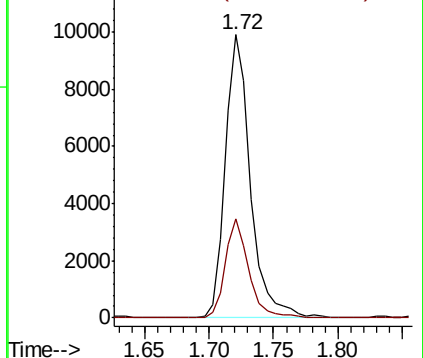
64 100

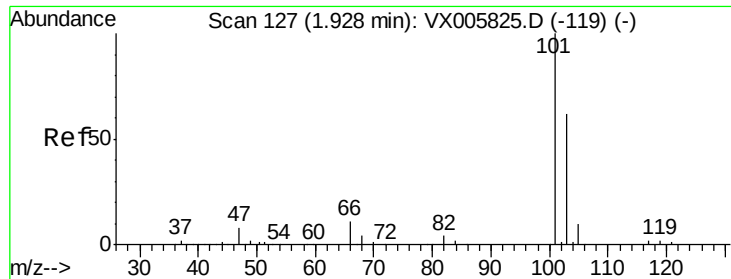
66 35.2 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



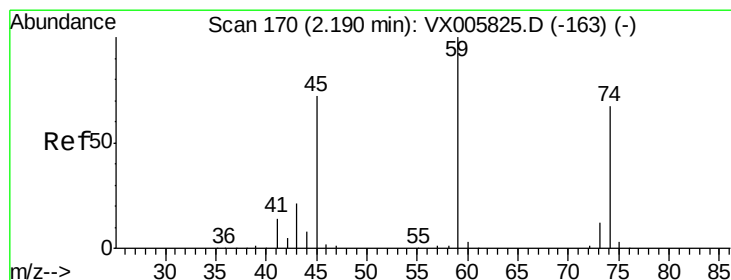
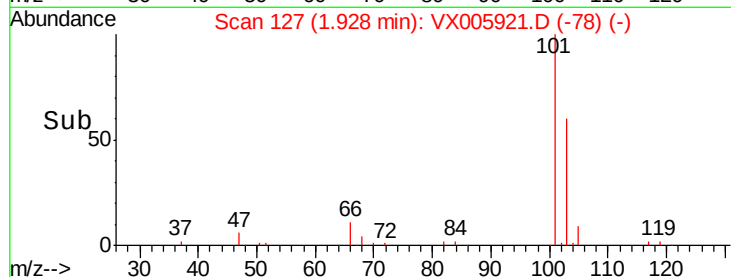
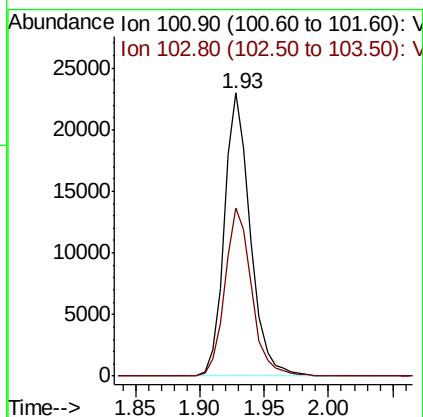
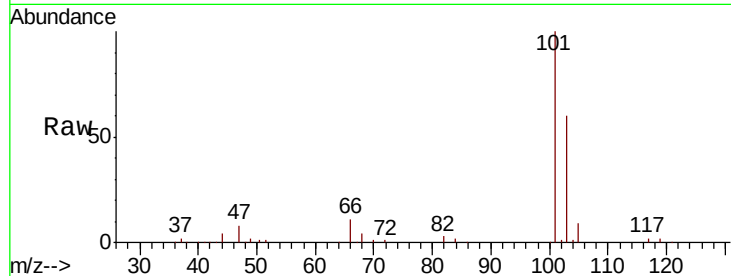


#7

Trichlorofluoromethane
Concen: 19.534 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX005921.D
Acq: 13 Nov 2018 01:19

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBS02

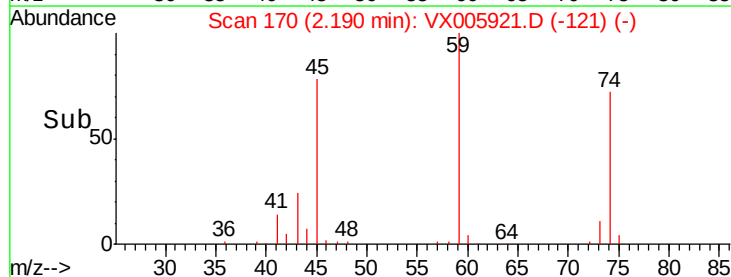
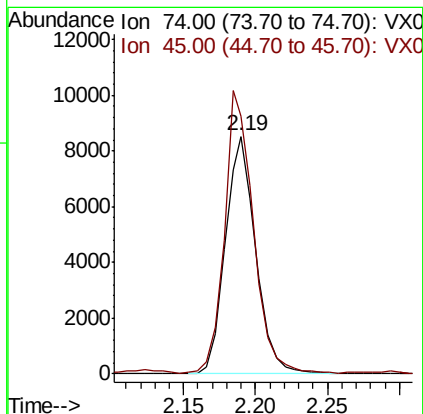
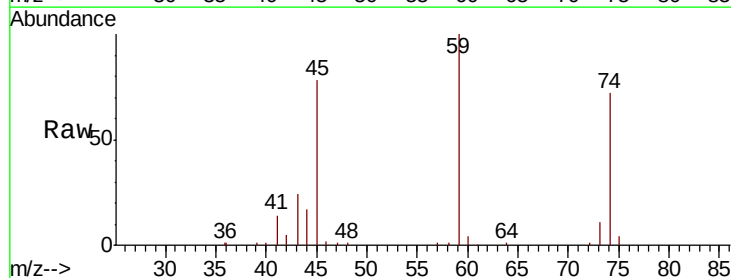
Tot Ion:101 Resp: 32527
Ion Ratio Lower Upper
101 100
103 59.6 50.0 75.0

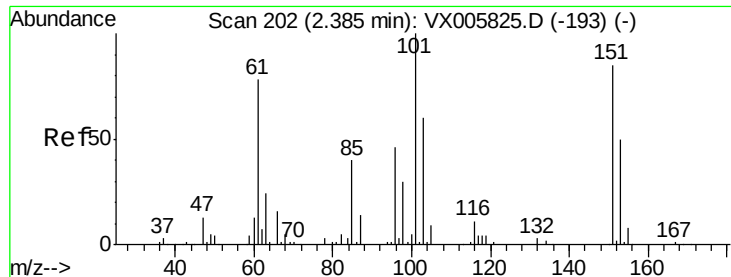


#8

Diethyl Ether
Concen: 19.309 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005921.D
Acq: 13 Nov 2018 01:19

Tgt Ion: 74 Resp: 12599
Ion Ratio Lower Upper
74 100
45 114.0 54.1 162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.424 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX005921.D

Acq: 13 Nov 2018 01:19

Instrument :

MSVOA_X

ClientSampled :

VX1112WBS02

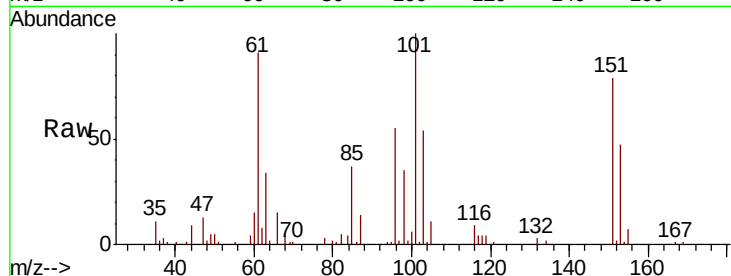
Tot Ion:101 Resp: 18603

Ion Ratio Lower Upper

101 100

85 42.5 35.0 52.4

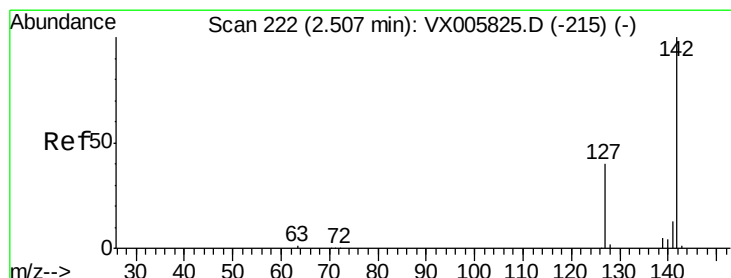
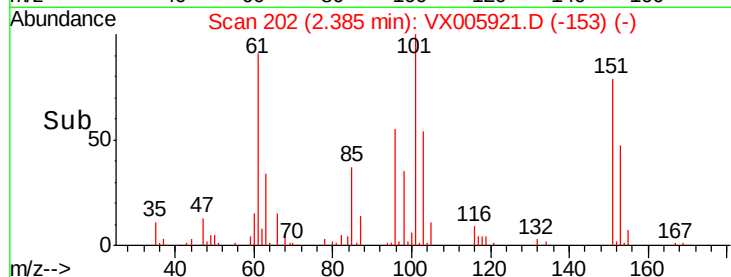
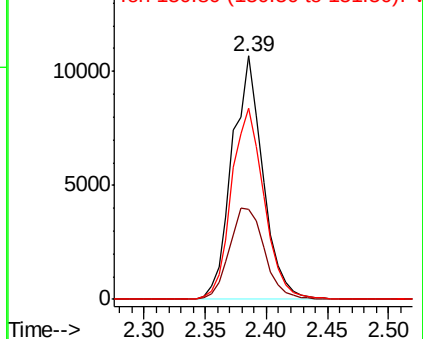
151 82.8 66.2 99.2



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: 16.871 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX005921.D

Acq: 13 Nov 2018 01:19

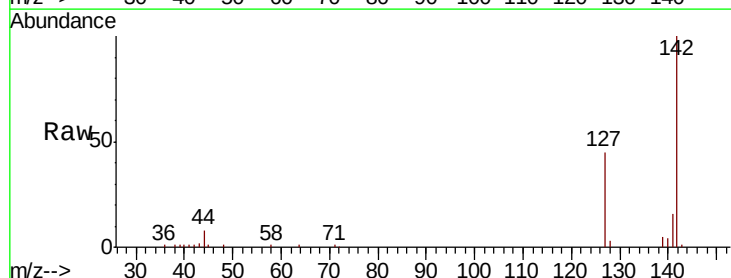
Tgt Ion:142 Resp: 19582

Ion Ratio Lower Upper

142 100

127 47.1 36.0 54.0

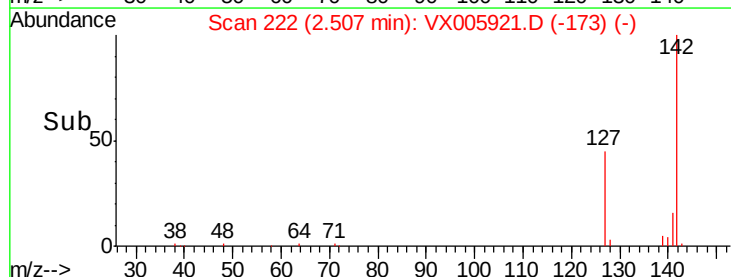
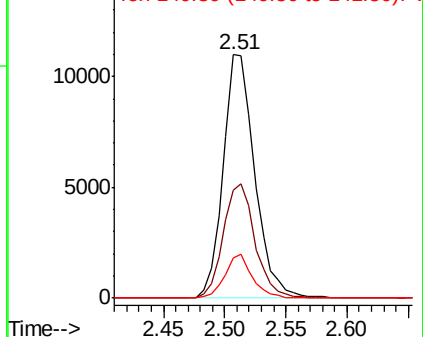
141 15.4 11.7 17.5

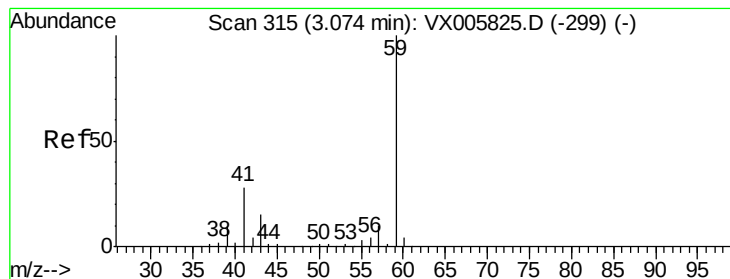


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



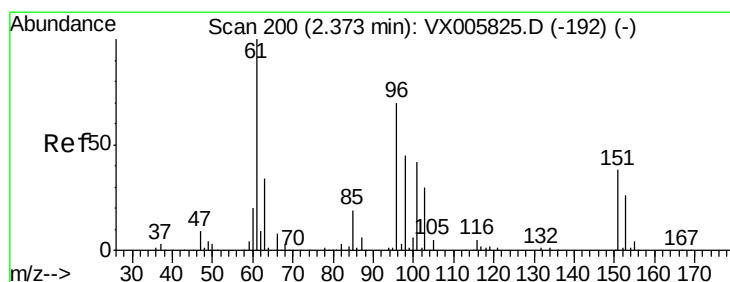
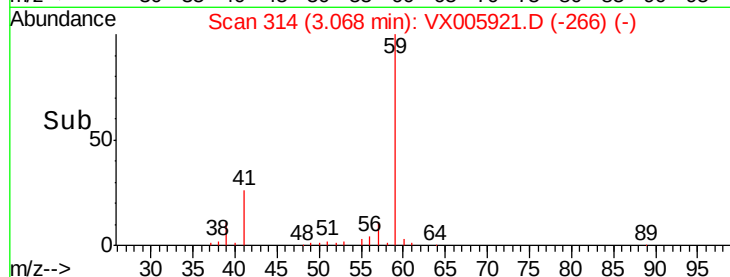
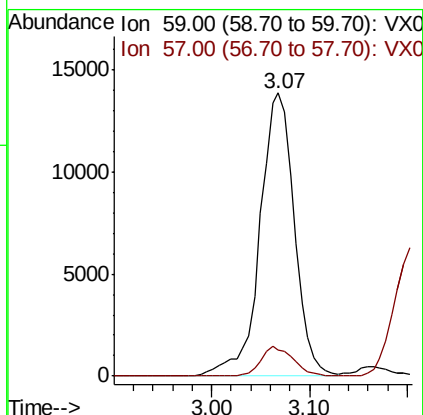
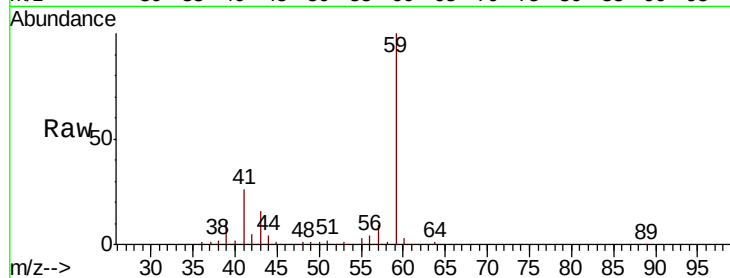


#11

Tert butyl alcohol
 Concen: 97.645 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX005921.D
 Acq: 13 Nov 2018 01:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112WBS02

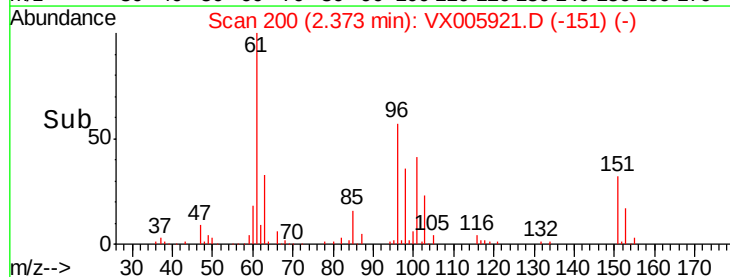
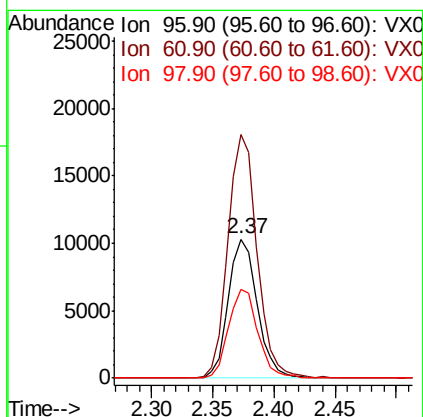
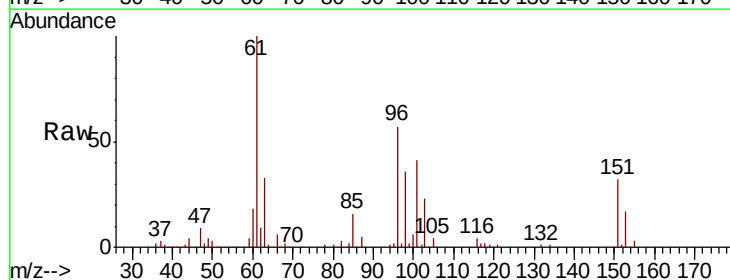
Tot Ion: 59 Resp: 33961
 Ion Ratio Lower Upper
 59 100
 57 9.7 8.5 12.7

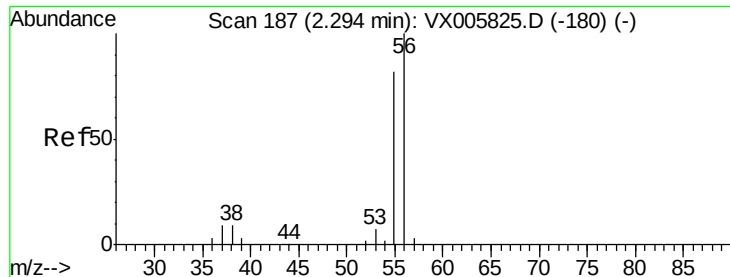


#12

1,1-Dichloroethene
 Concen: 18.076 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX005921.D
 Acq: 13 Nov 2018 01:19

Tgt Ion: 96 Resp: 16873
 Ion Ratio Lower Upper
 96 100
 61 175.1 131.8 197.8
 98 63.7 53.4 80.2





#13

Acrolein

Concen: 151.211 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005921.D

Acq: 13 Nov 2018 01:19

Instrument :

MSVOA_X

ClientSampleId :

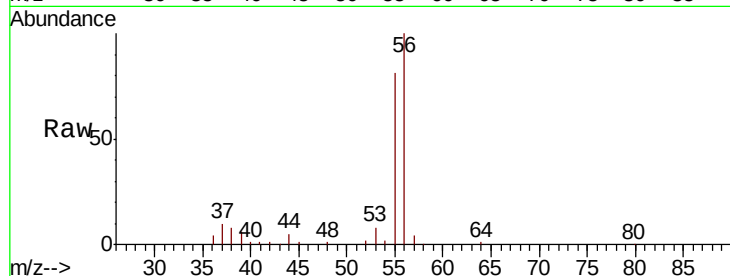
VX1112WBS02

Tot Ion: 56 Resp: 23716

Ion Ratio Lower Upper

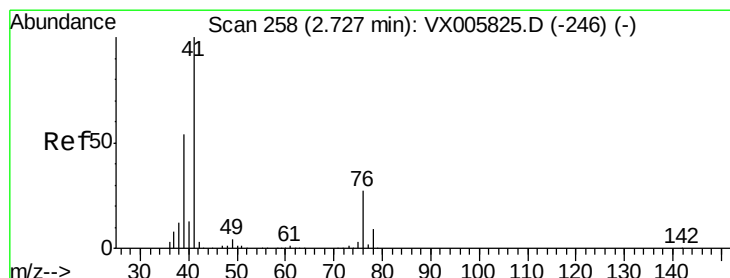
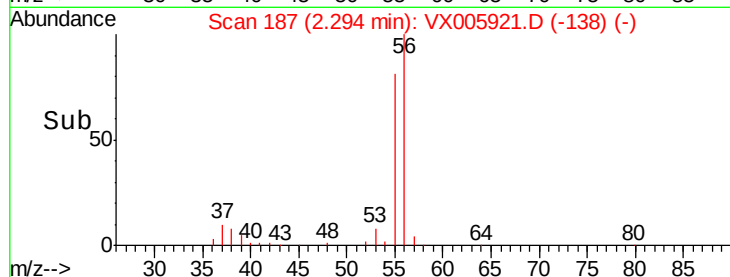
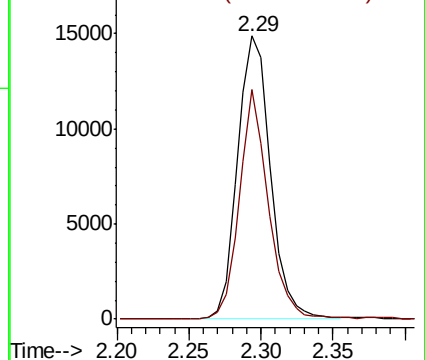
56 100

55 71.7 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.772 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX005921.D

Acq: 13 Nov 2018 01:19

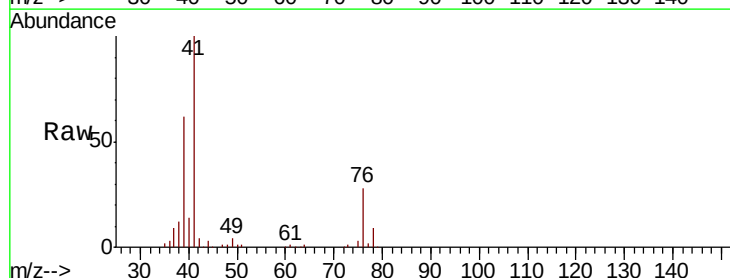
Tgt Ion: 41 Resp: 39136

Ion Ratio Lower Upper

41 100

39 59.3 48.2 72.4

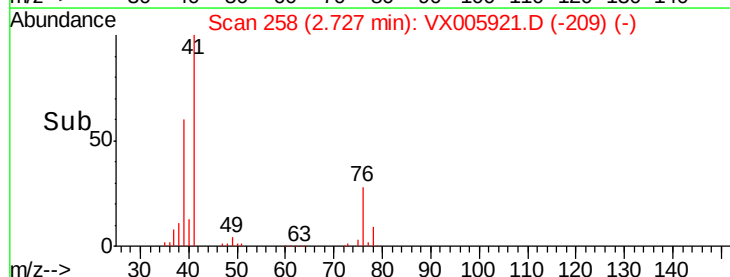
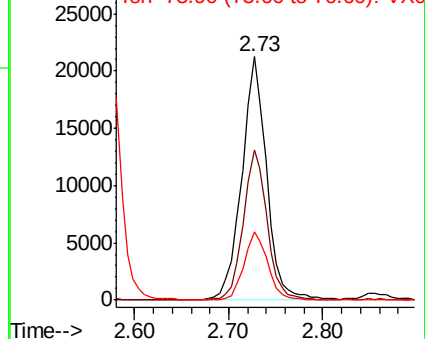
76 26.8 21.9 32.9

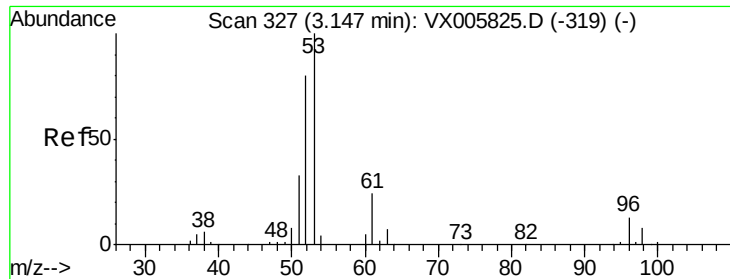


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 100.268 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX005921.D

Acq: 13 Nov 2018 01:19

Instrument :

MSVOA_X

ClientSampleId :

VX1112WBS02

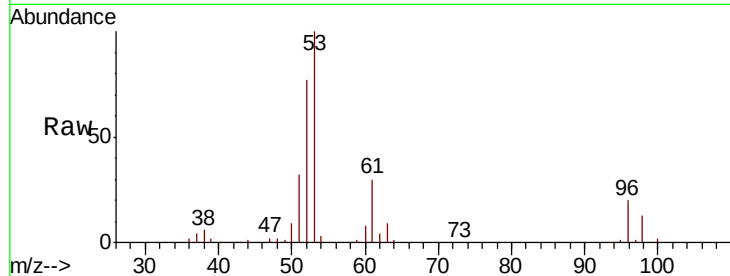
Tot Ion: 53 Resp: 72271

Ion Ratio Lower Upper

53 100

52 81.4 66.6 99.8

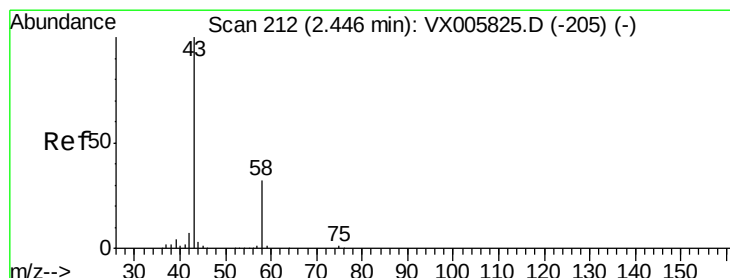
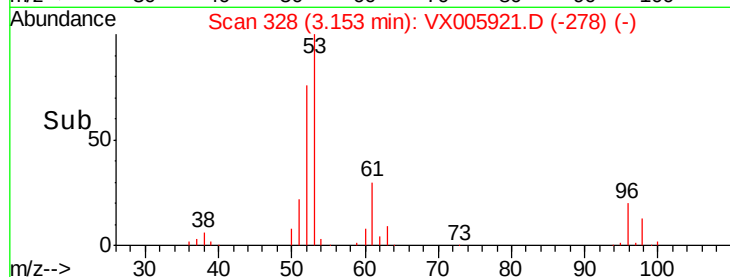
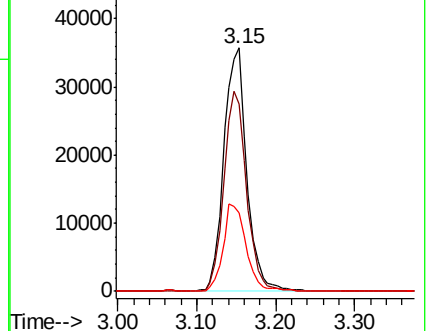
51 36.5 28.4 42.6



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: 101.284 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005921.D

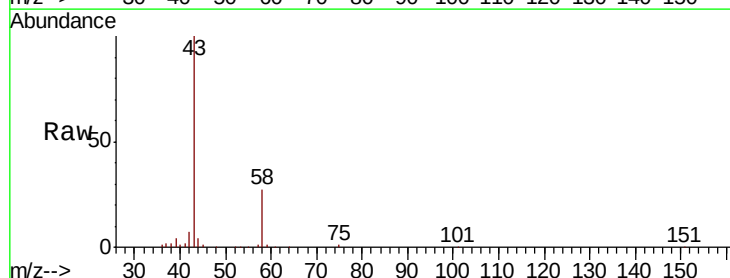
Acq: 13 Nov 2018 01:19

Tgt Ion: 43 Resp: 66210

Ion Ratio Lower Upper

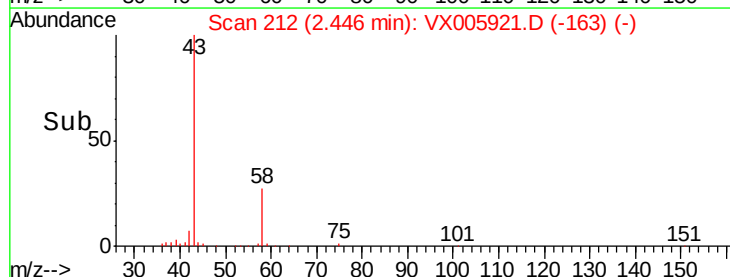
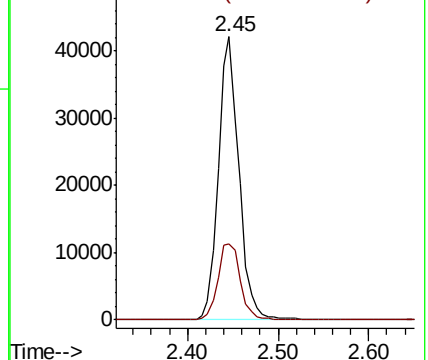
43 100

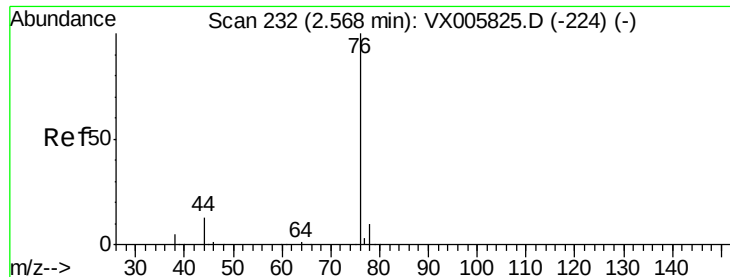
58 26.8 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 18.033 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005921.D

Acq: 13 Nov 2018 01:19

Instrument :

MSVOA_X

ClientSampleId :

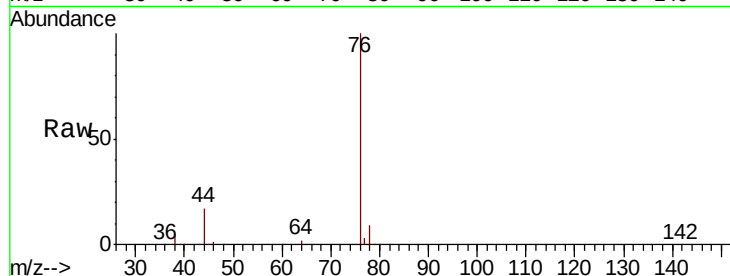
VX1112WBS02

Tot Ion: 76 Resp: 50211

Ion Ratio Lower Upper

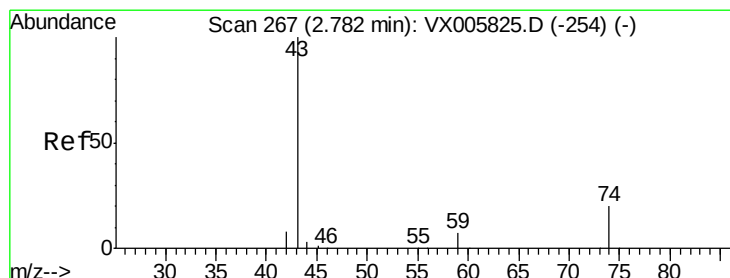
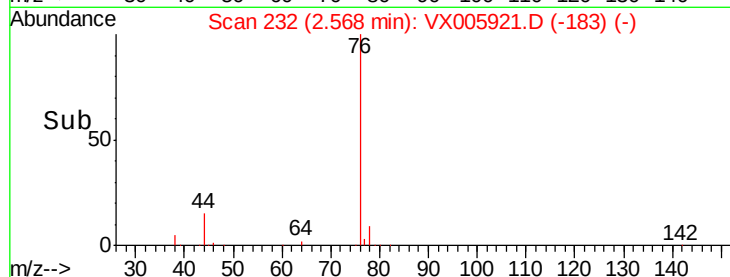
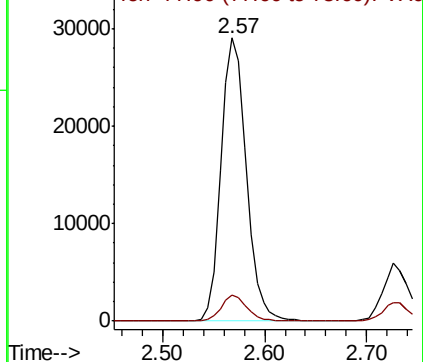
76 100

78 9.2 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: 20.896 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005921.D

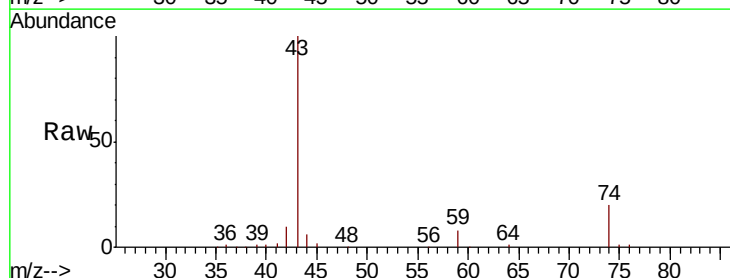
Acq: 13 Nov 2018 01:19

Tgt Ion: 43 Resp: 38119

Ion Ratio Lower Upper

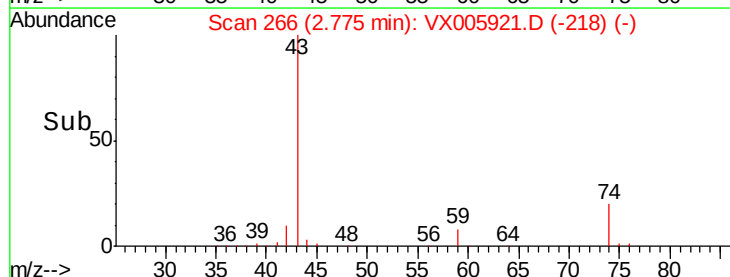
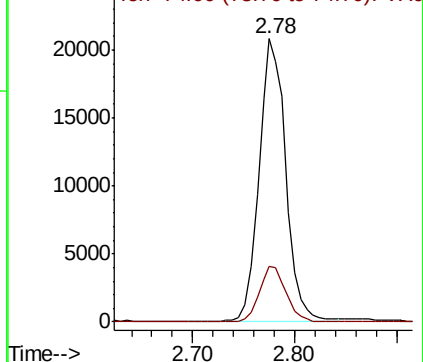
43 100

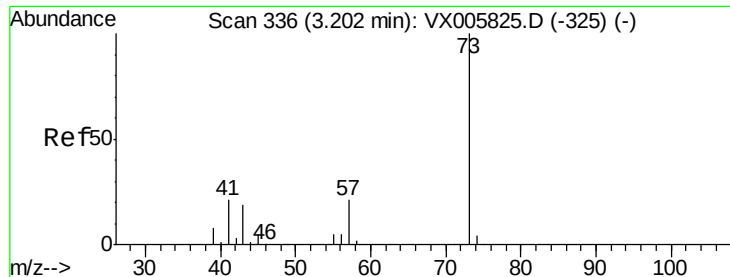
74 19.6 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

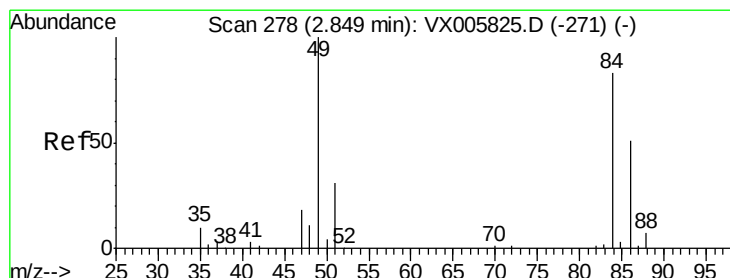
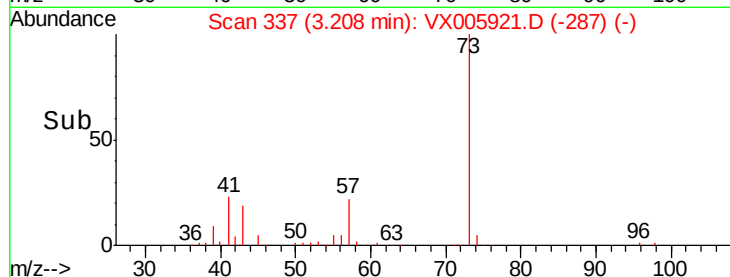
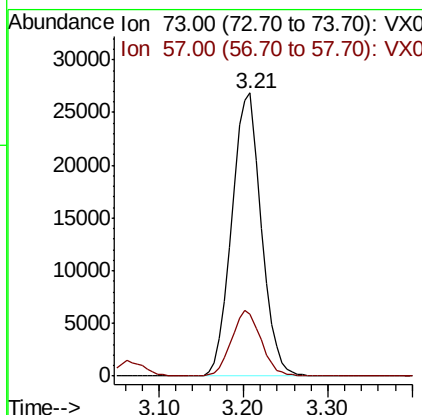
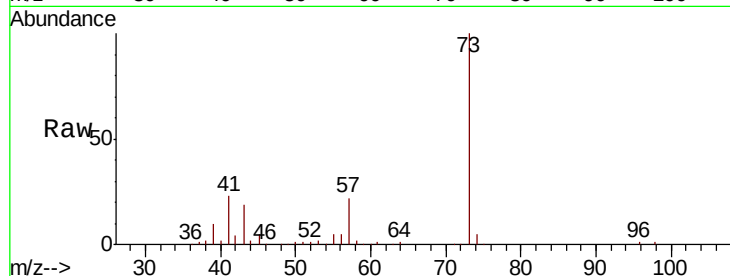




#19
Methyl tert-butyl Ether
Concen: 19.930 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX005921.D
Acq: 13 Nov 2018 01:19

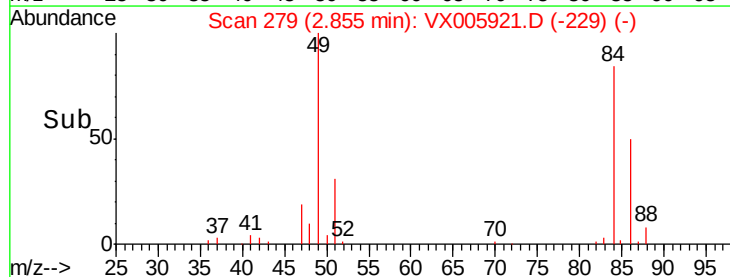
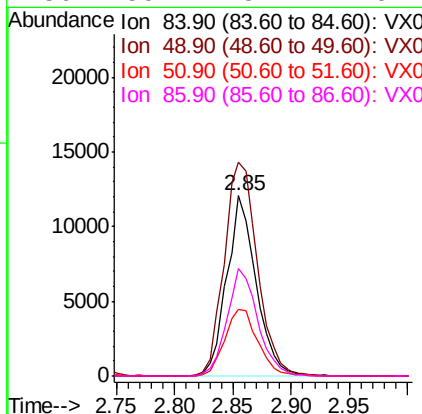
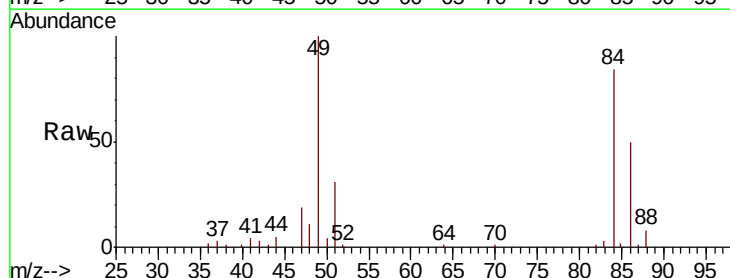
Instrument :
MSVOA_X
ClientSampleId :
VX1112WBS02

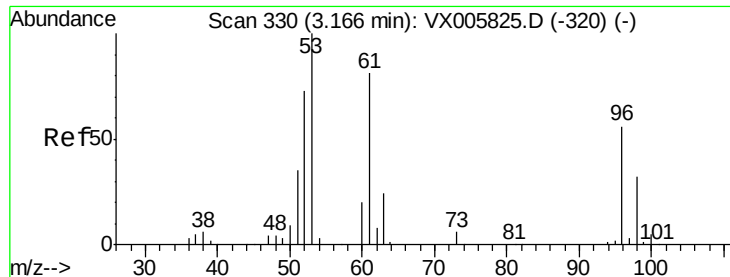
Tot Ion: 73 Resp: 63496
Ion Ratio Lower Upper
73 100
57 22.0 18.8 28.2



#20
Methylene Chloride
Concen: 19.680 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX005921.D
Acq: 13 Nov 2018 01:19

Tgt Ion: 84 Resp: 21133
Ion Ratio Lower Upper
84 100
49 118.4 109.5 164.3
51 37.1 33.3 49.9
86 59.4 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 18.966 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX005921.D

Acq: 13 Nov 2018 01:19

Instrument :

MSVOA_X

ClientSampleId :

VX1112WBS02

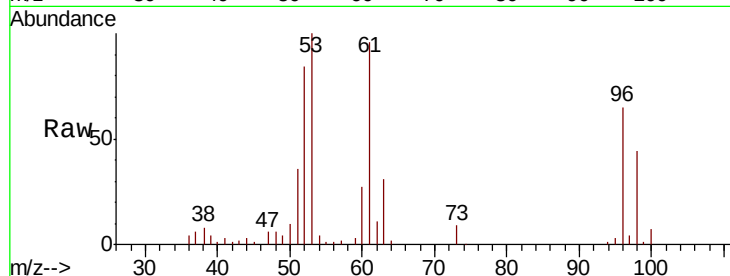
Tot Ion: 96 Resp: 18673

Ion Ratio Lower Upper

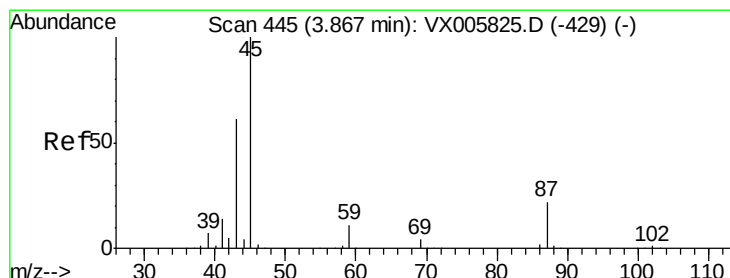
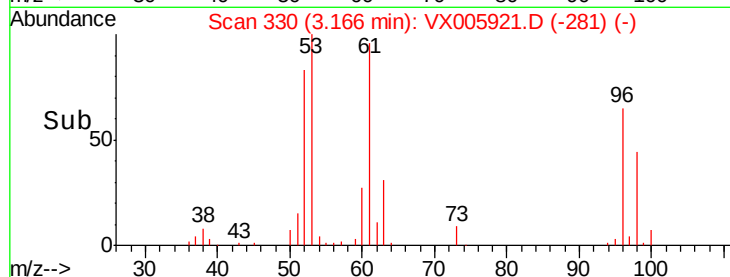
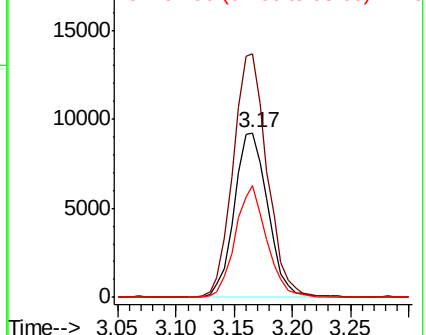
96 100

61 147.8 115.6 173.4

98 67.9 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: 19.527 ug/l

RT: 3.86 min Scan# 444

Delta R.T. -0.01 min

Lab File: VX005921.D

Acq: 13 Nov 2018 01:19

Tgt Ion: 45 Resp: 71315

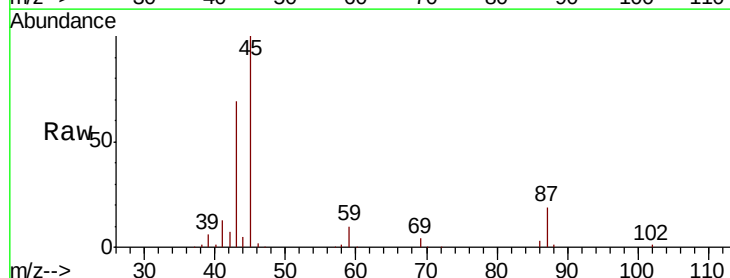
Ion Ratio Lower Upper

45 100

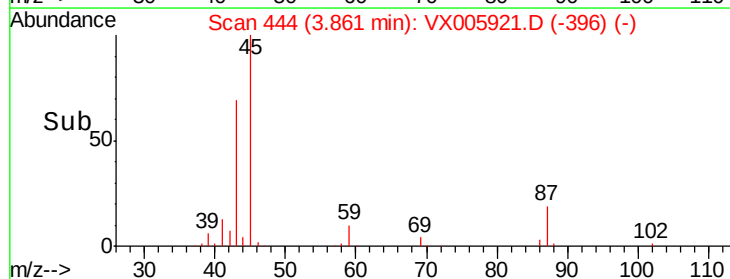
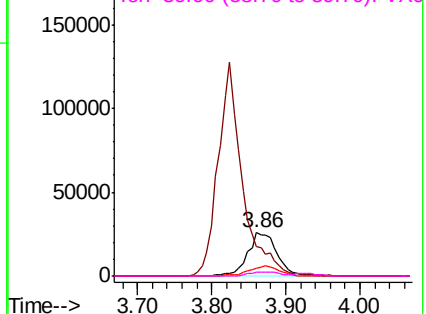
43 68.5 47.4 71.2

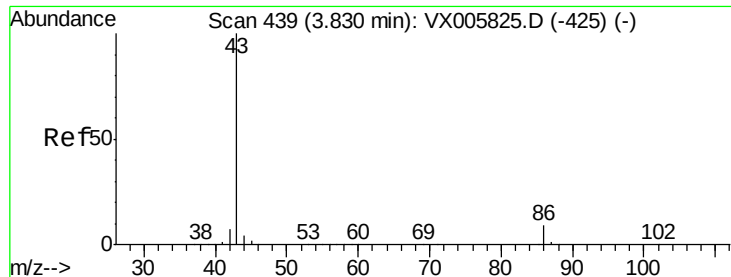
87 19.1 15.9 23.9

59 10.1 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: 93.004 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.01 min

Lab File: VX005921.D

Acq: 13 Nov 2018 01:19

Instrument :

MSVOA_X

ClientSampleId :

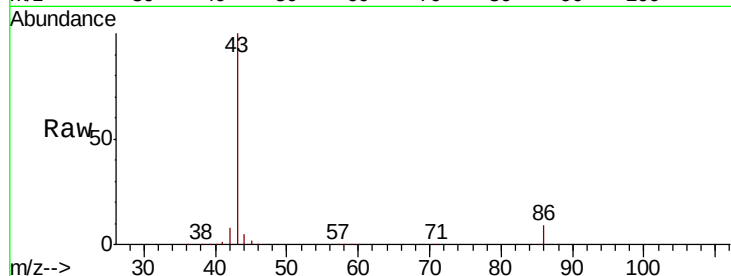
VX1112WBS02

Tot Ion: 43 Resp: 291231

Ion Ratio Lower Upper

43 100

86 9.2 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX005825.D (-425) (-)

Ion 86.00 (85.70 to 86.70): VX005825.D (-425) (-)

3.82

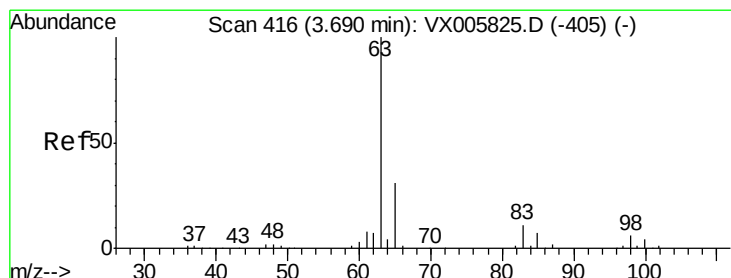
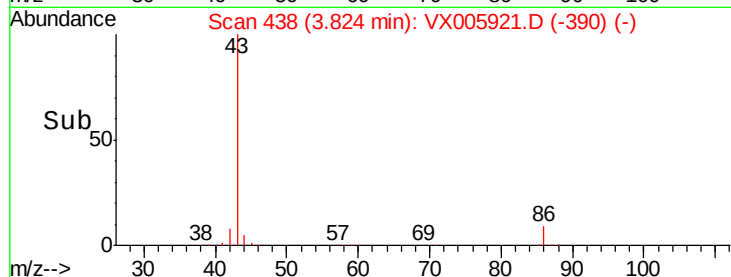
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.123 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX005921.D

Acq: 13 Nov 2018 01:19

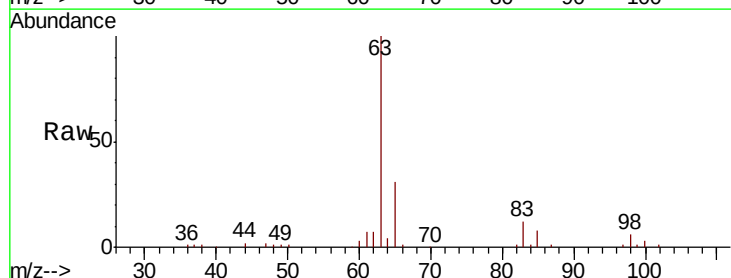
Tgt Ion: 63 Resp: 37260

Ion Ratio Lower Upper

63 100

98 6.1 3.2 9.6

100 3.0 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VX005825.D (-405) (-)

Ion 97.90 (97.60 to 98.60): VX005825.D (-405) (-)

Ion 99.90 (99.60 to 100.60): VX005825.D (-405) (-)

3.69

20000

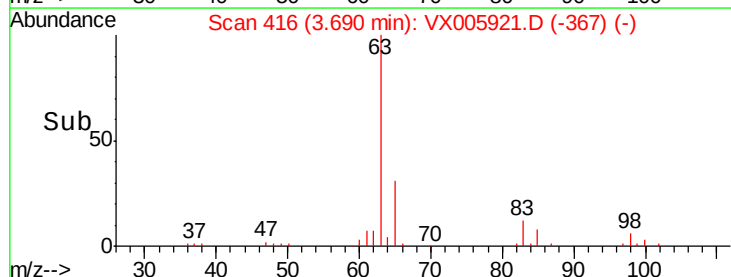
15000

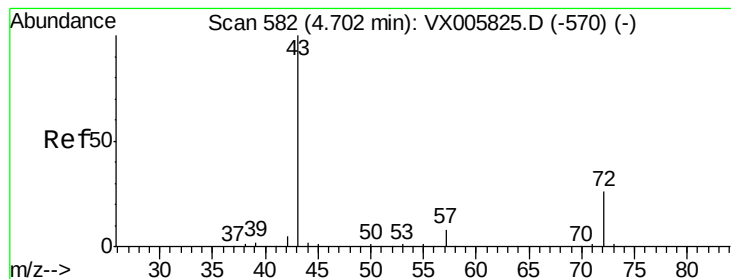
10000

5000

0

Time-->





#25

2-Butanone

Concen: 96.310 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX005921.D

Acq: 13 Nov 2018 01:19

Instrument :

MSVOA_X

ClientSampleId :

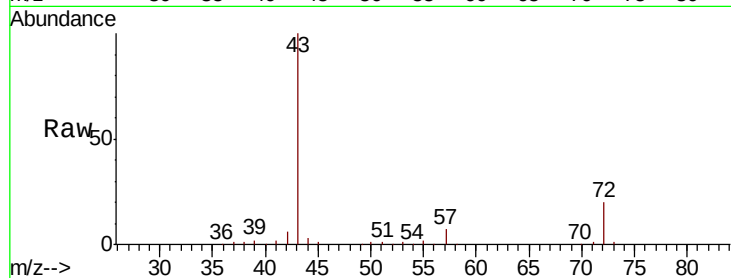
VX1112WBS02

Tot Ion: 43 Resp: 98981

Ion Ratio Lower Upper

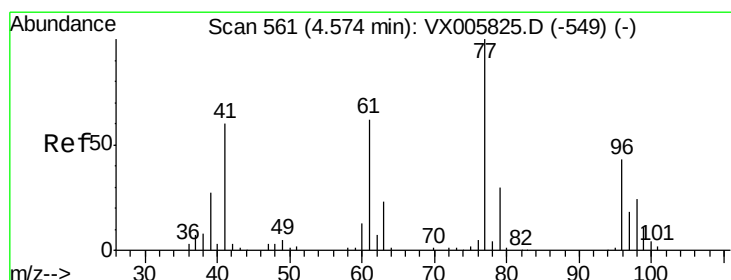
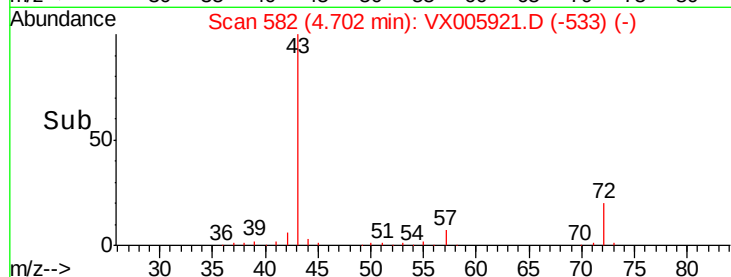
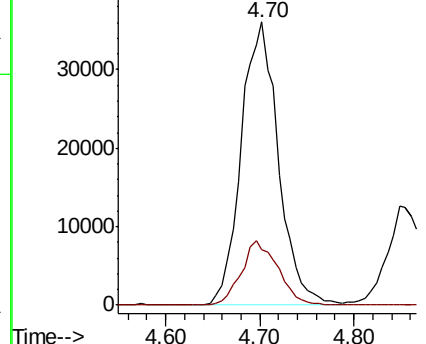
43 100

72 19.5 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 15.230 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005921.D

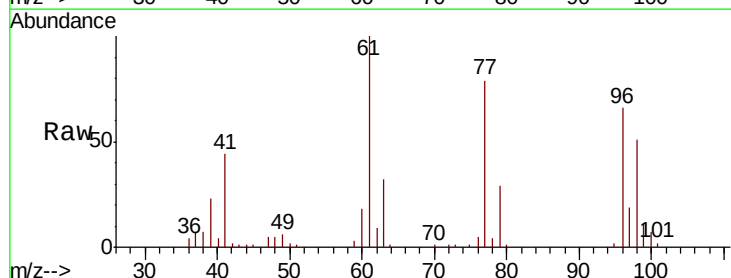
Acq: 13 Nov 2018 01:19

Tgt Ion: 77 Resp: 21768

Ion Ratio Lower Upper

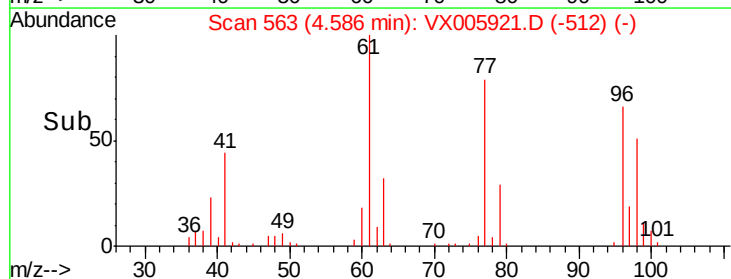
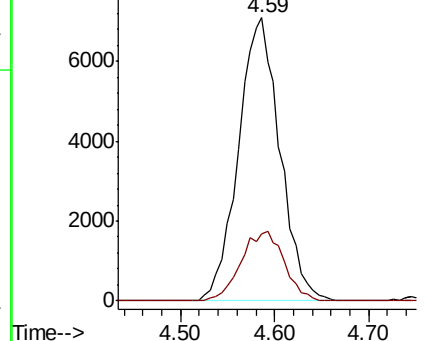
77 100

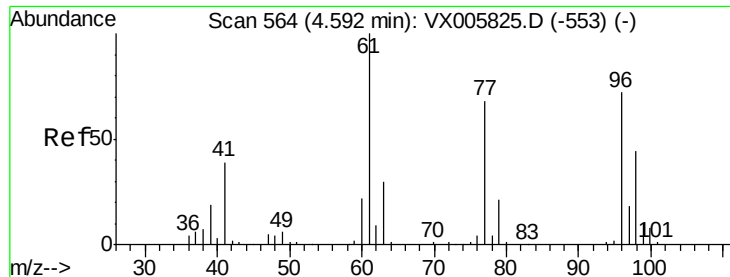
97 25.5 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



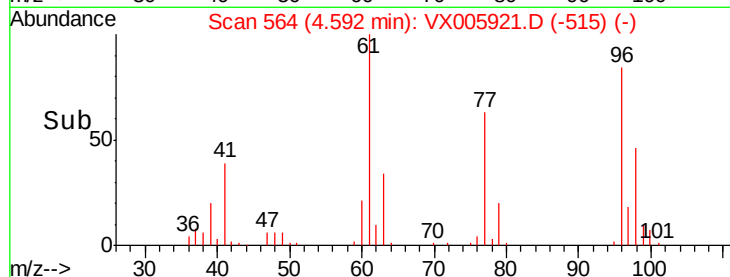
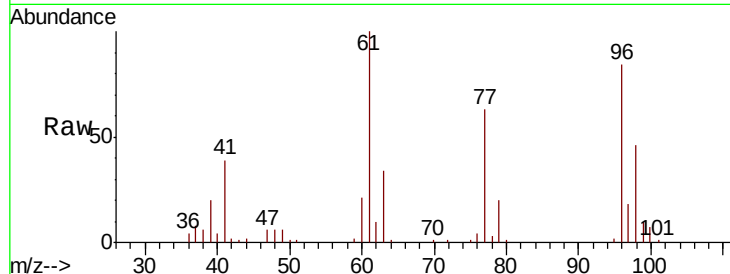


#27

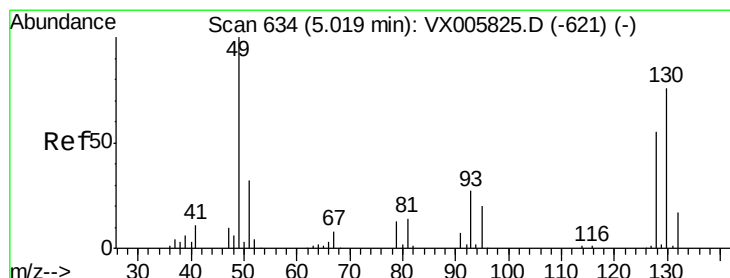
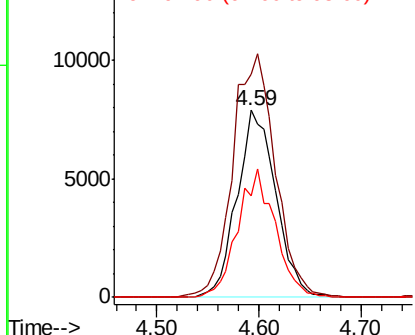
cis-1,2-Dichloroethene
Concen: 19.212 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX005921.D
Acq: 13 Nov 2018 01:19

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBS02

Tot Ion	96	Resp	20887
Ion	Ratio	Lower	Upper
96	100		
61	142.3	0.0	304.6
98	66.0	0.0	127.4



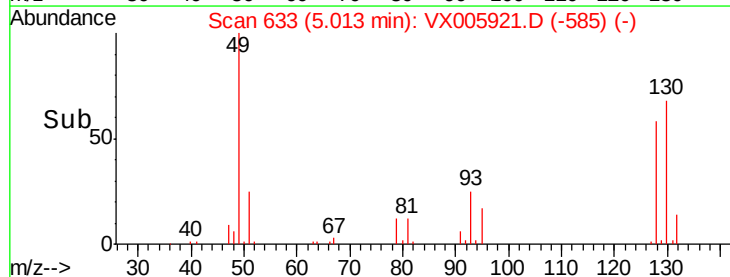
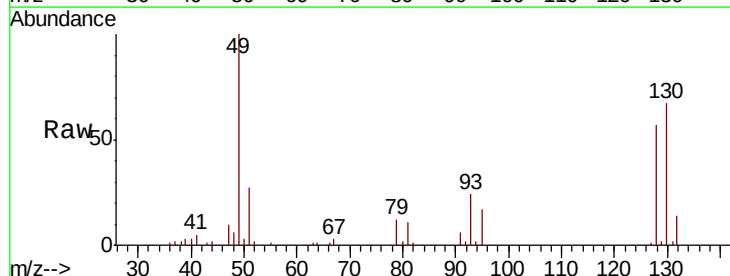
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



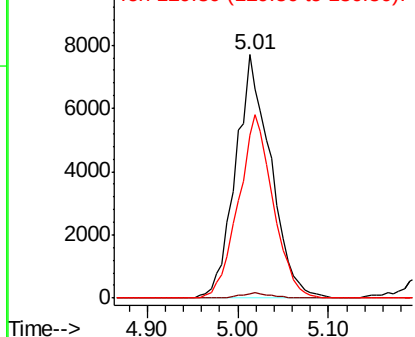
#28

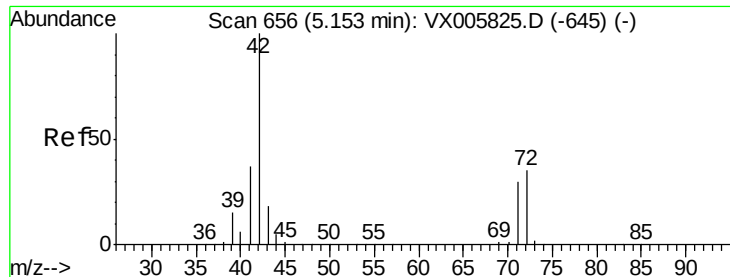
Bromochloromethane
Concen: 23.741 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX005921.D
Acq: 13 Nov 2018 01:19

Tgt Ion	49	Resp	20674
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.0
130	74.1	58.9	88.3



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 96.252 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX005921.D

Acq: 13 Nov 2018 01:19

Instrument :

MSVOA_X

ClientSampled :

VX1112WBS02

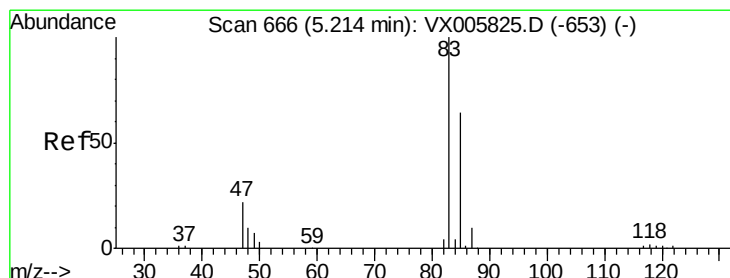
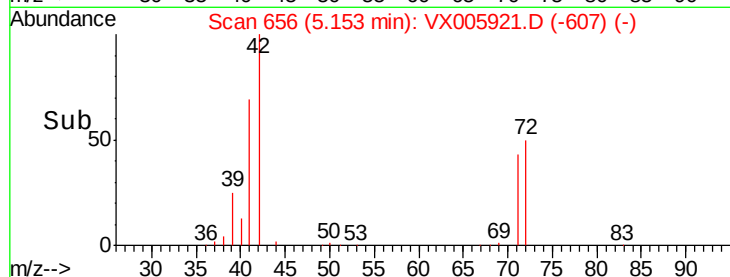
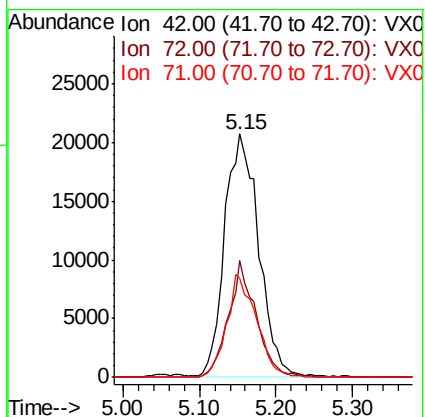
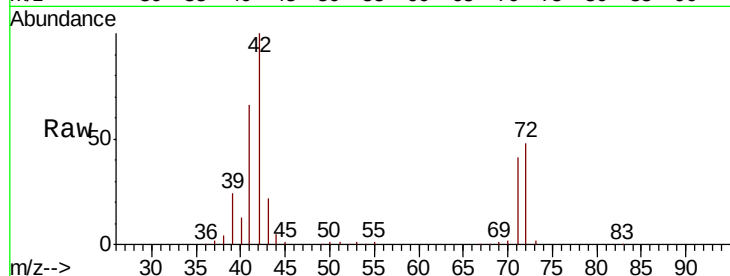
Tot Ion: 42 Resp: 63515

Ion Ratio Lower Upper

42 100

72 39.2 32.0 48.0

71 37.3 29.8 44.8



#30

Chloroform

Concen: 18.683 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX005921.D

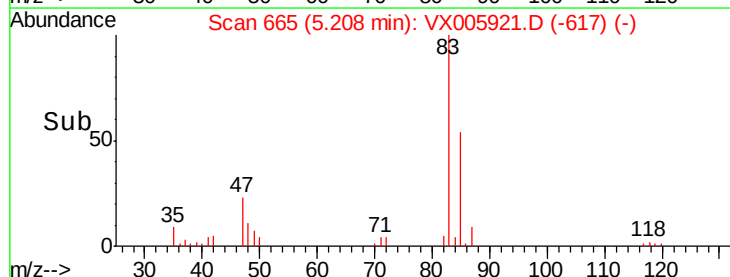
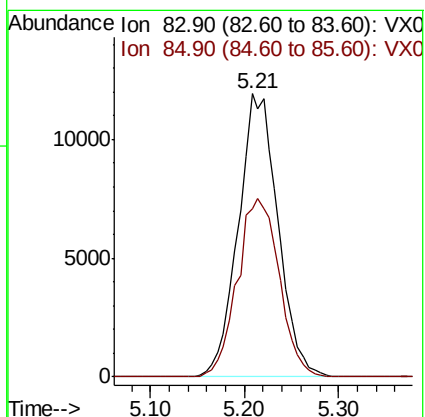
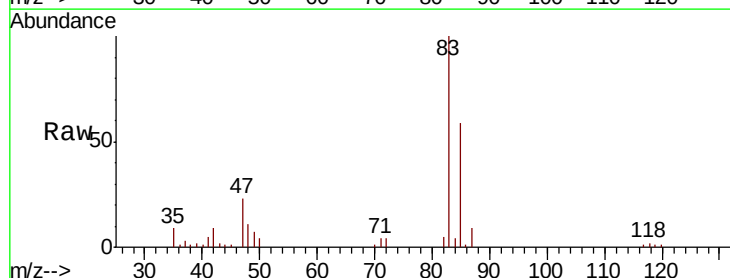
Acq: 13 Nov 2018 01:19

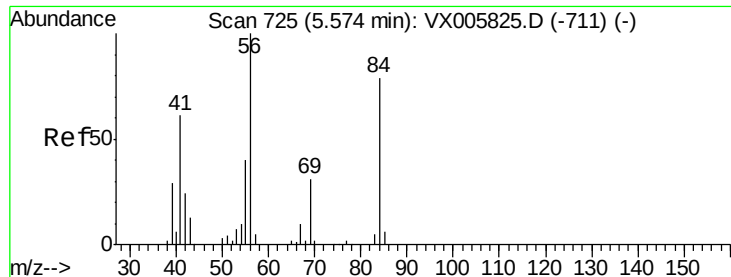
Tgt Ion: 83 Resp: 35121

Ion Ratio Lower Upper

83 100

85 59.3 50.6 76.0

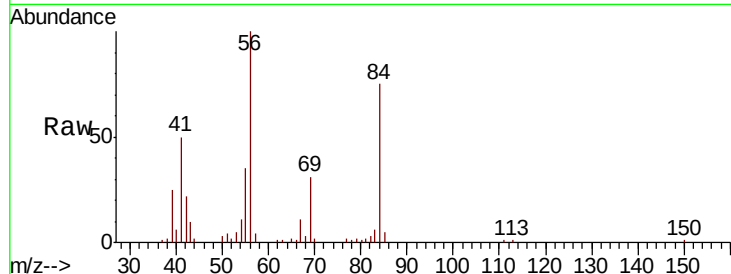




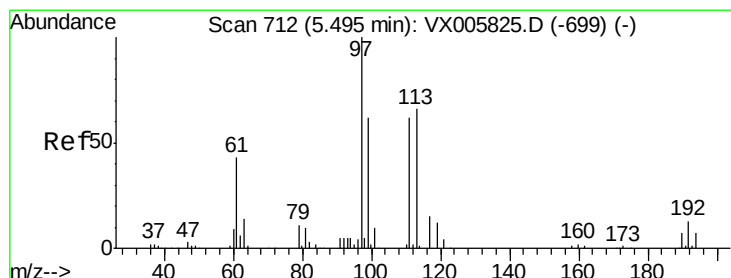
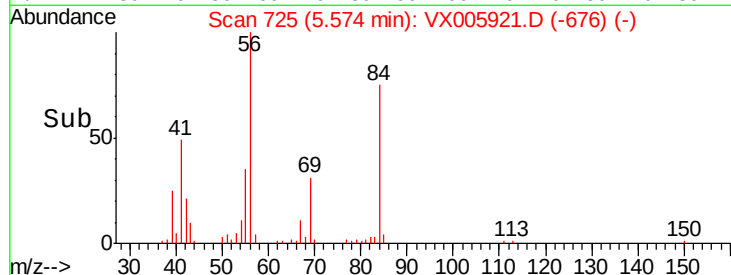
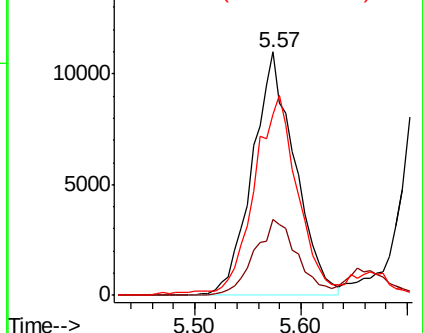
#31
Cyclohexane
Concen: 18.138 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX005921.D
Acq: 13 Nov 2018 01:19

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBS02

Tot Ion: 56 Resp: 30678
Ion Ratio Lower Upper
56 100
69 31.3 22.6 34.0
84 73.2 62.7 94.1

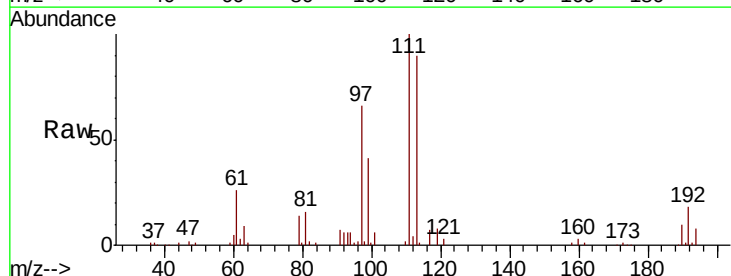


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

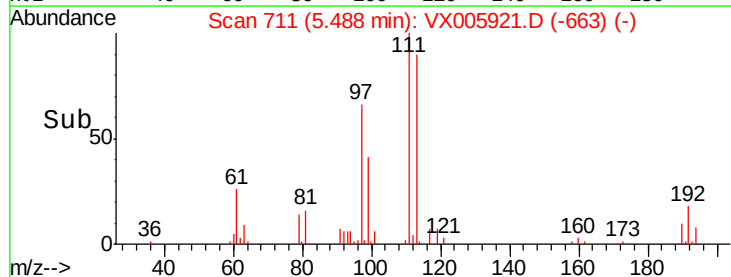
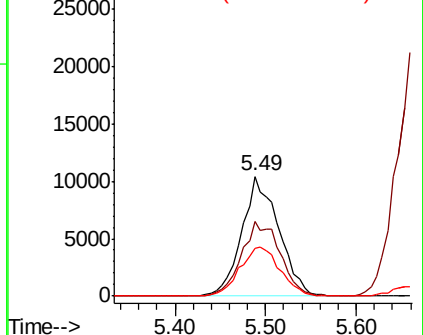


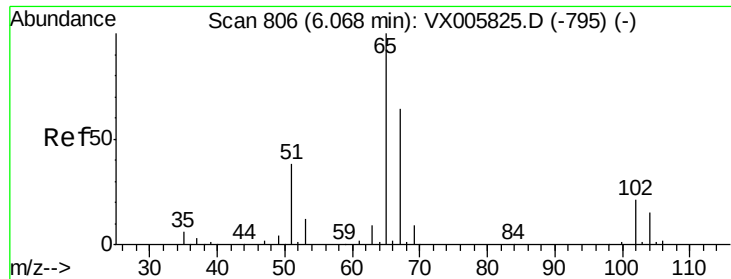
#32
1,1,1-Trichloroethane
Concen: 18.759 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX005921.D
Acq: 13 Nov 2018 01:19

Tgt Ion: 97 Resp: 29414
Ion Ratio Lower Upper
97 100
99 65.1 52.3 78.5
61 44.5 35.2 52.8



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

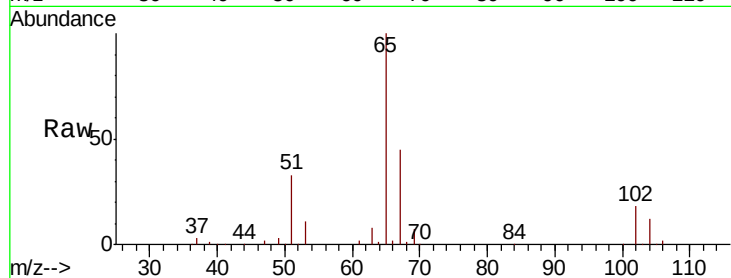




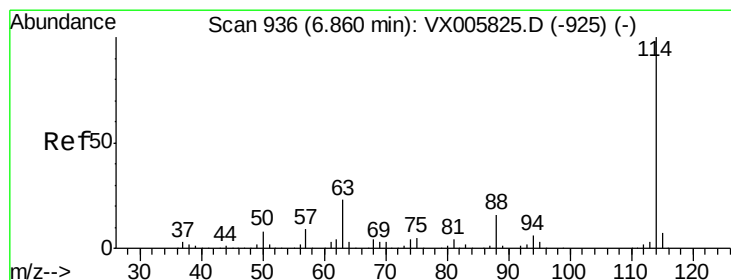
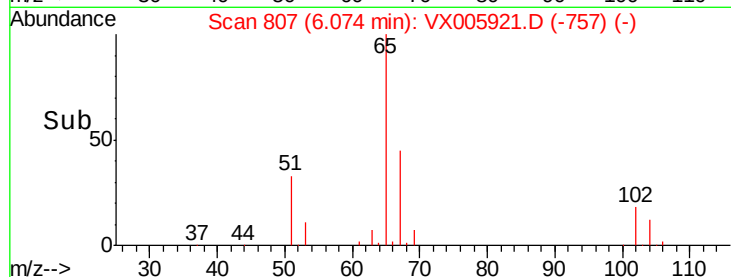
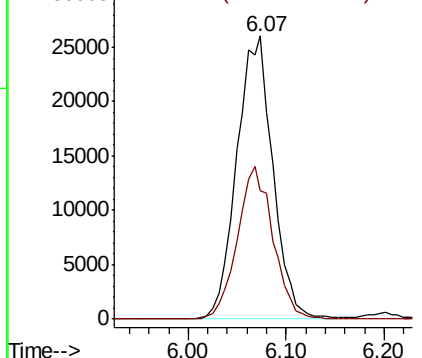
#33
 1,2-Dichloroethane-d4
 Concen: 54.830 ug/l
 RT: 6.07 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX005921.D
 Acq: 13 Nov 2018 01:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112WBS02

Tot Ion: 65 Resp: 66570
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.0

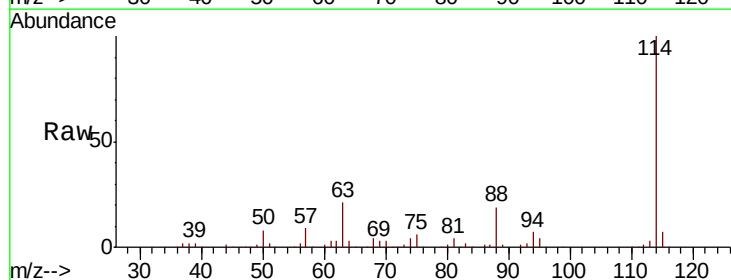


Abundance Ion 64.90 (64.60 to 65.60): VX0
 Ion 66.90 (66.60 to 67.60): VX0

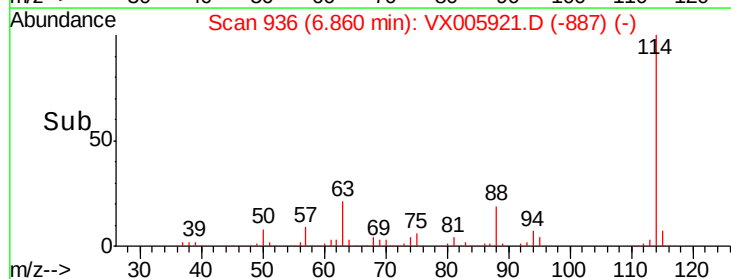
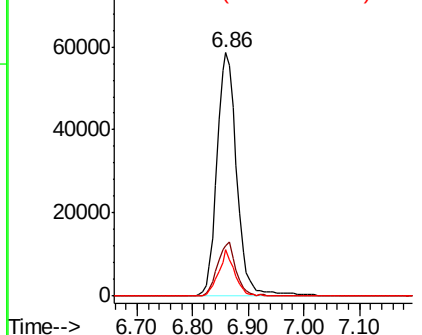


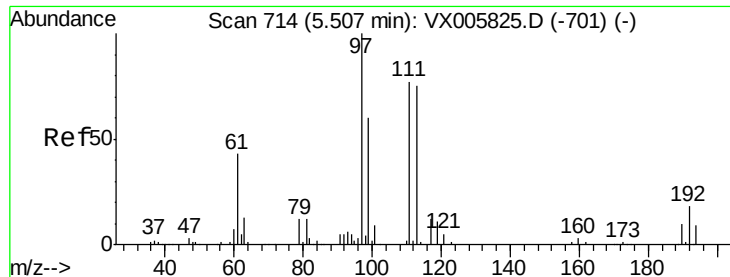
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005921.D
 Acq: 13 Nov 2018 01:19

Tgt Ion: 114 Resp: 144652
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.8
 88 19.0 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.244 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX005921.D

Acq: 13 Nov 2018 01:19

Instrument :

MSVOA_X

ClientSampleId :

VX1112WBS02

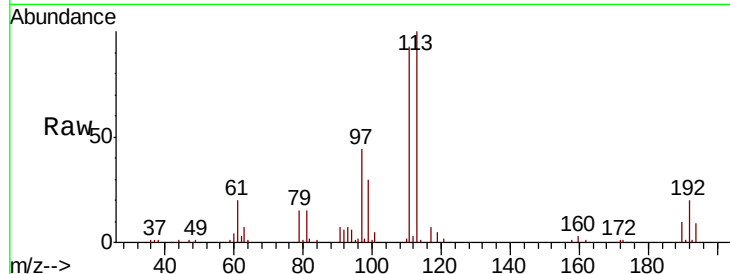
Tot Ion:113 Resp: 51400

Ion Ratio Lower Upper

113 100

111 105.5 82.3 123.5

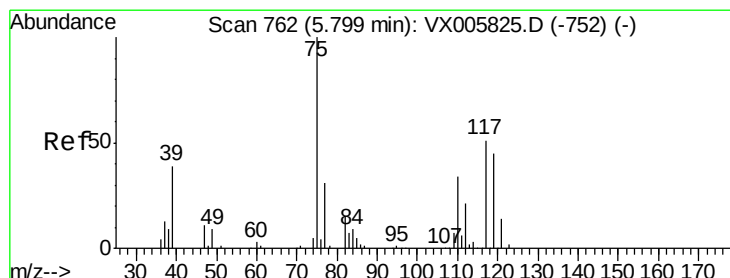
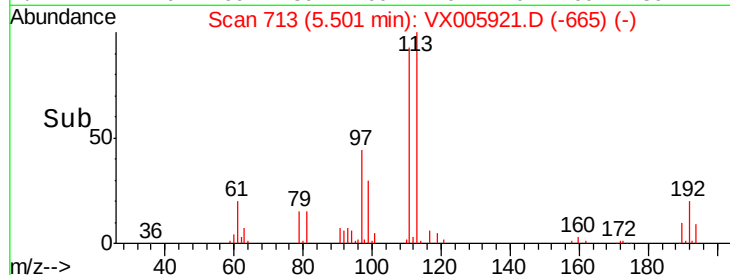
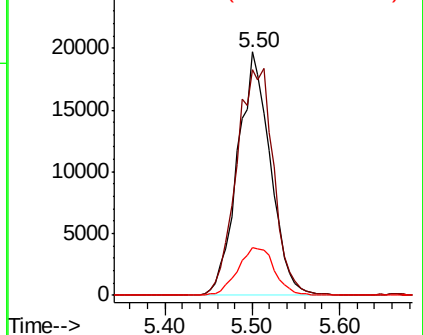
192 21.7 17.9 26.9



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: 17.738 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX005921.D

Acq: 13 Nov 2018 01:19

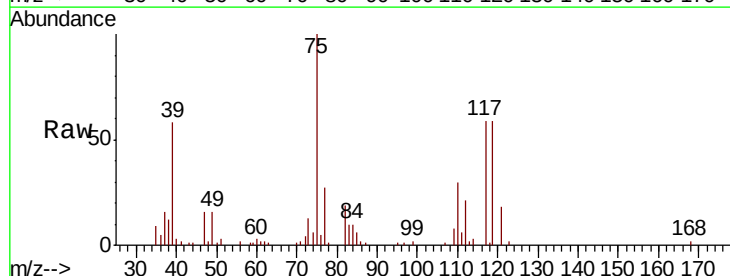
Tgt Ion: 75 Resp: 24735

Ion Ratio Lower Upper

75 100

110 37.0 17.4 52.2

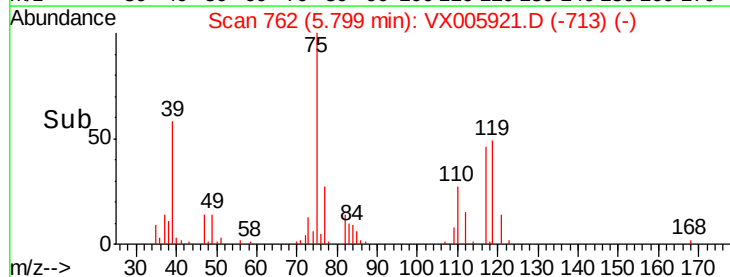
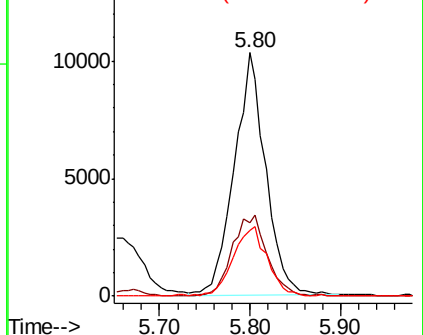
77 31.0 25.8 38.6

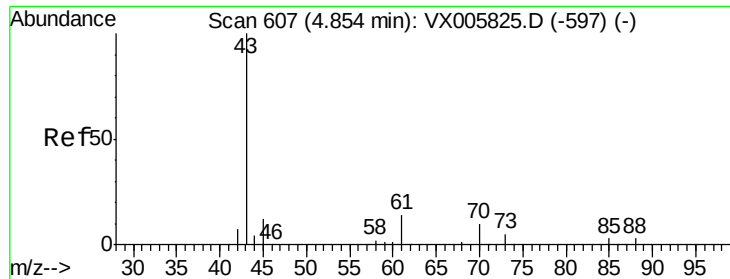


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

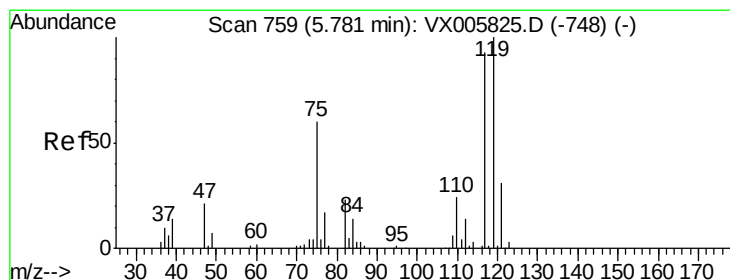
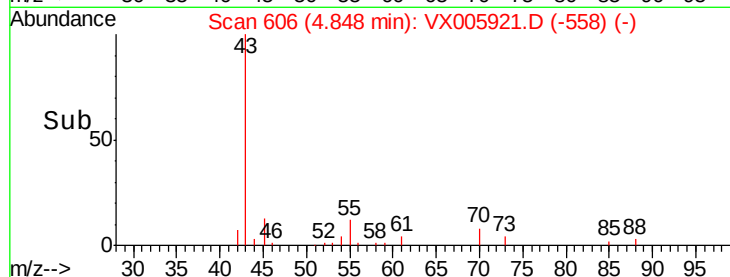
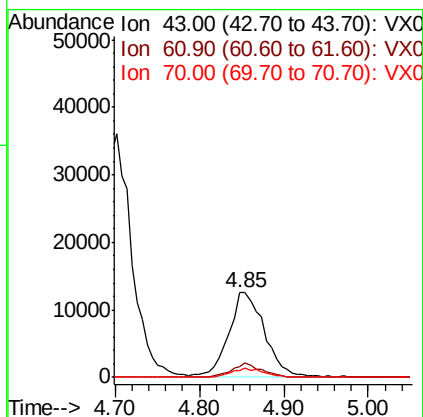
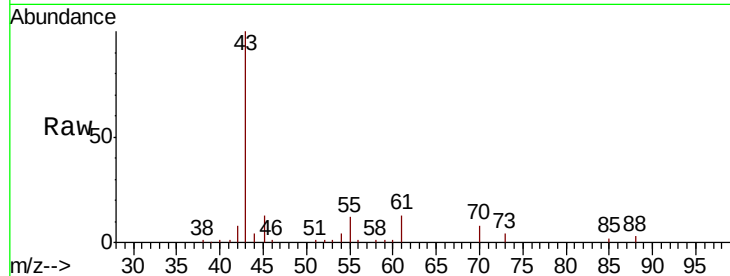




#37
Ethyl Acetate
Concen: 19.520 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX005921.D
Acq: 13 Nov 2018 01:19

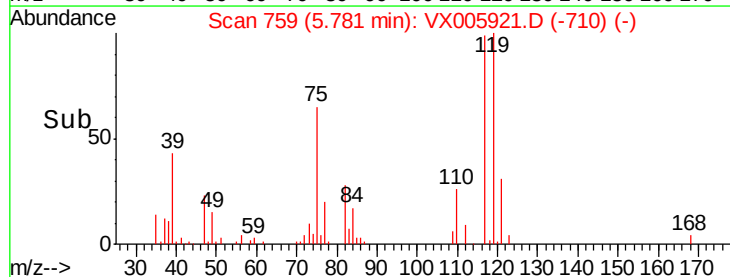
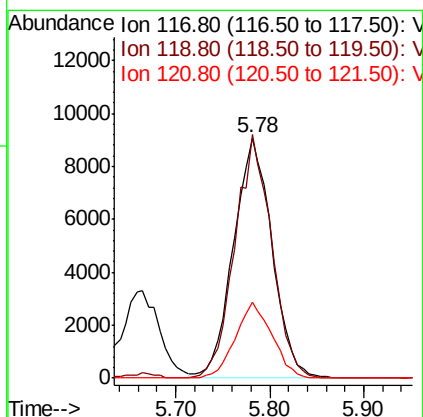
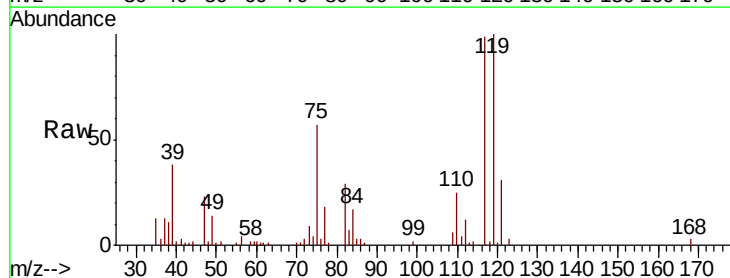
Instrument :
MSVOA_X
ClientSampleId :
VX1112WBS02

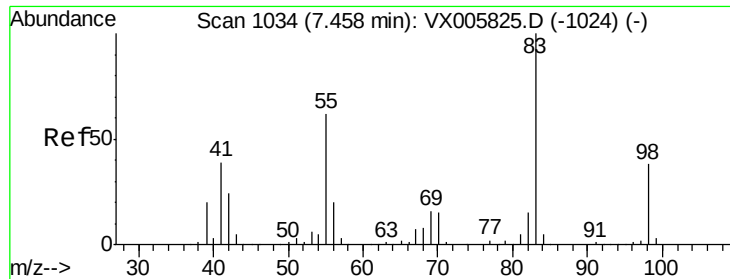
Tot Ion: 43 Resp: 35796
Ion Ratio Lower Upper
43 100
61 14.0 10.8 16.2
70 9.6 7.8 11.8



#38
Carbon Tetrachloride
Concen: 18.634 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005921.D
Acq: 13 Nov 2018 01:19

Tgt Ion: 117 Resp: 26014
Ion Ratio Lower Upper
117 100
119 101.3 78.1 117.1
121 31.7 24.6 36.8

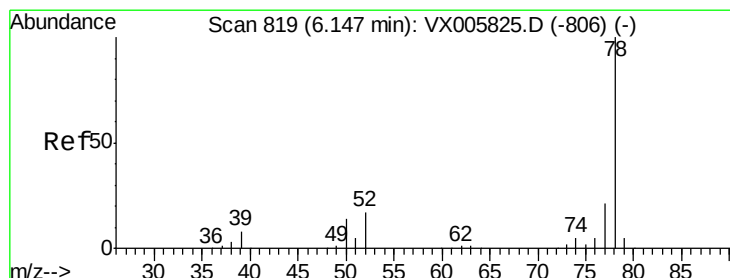
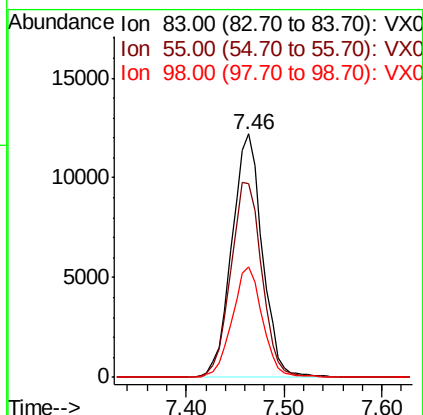
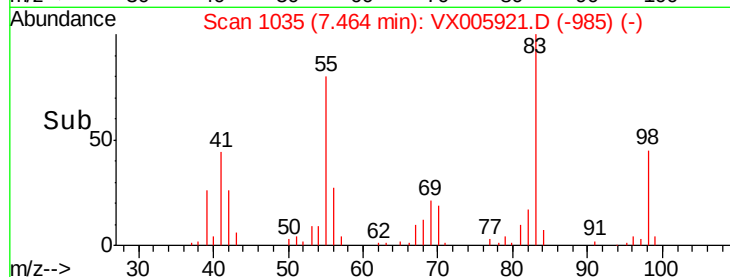
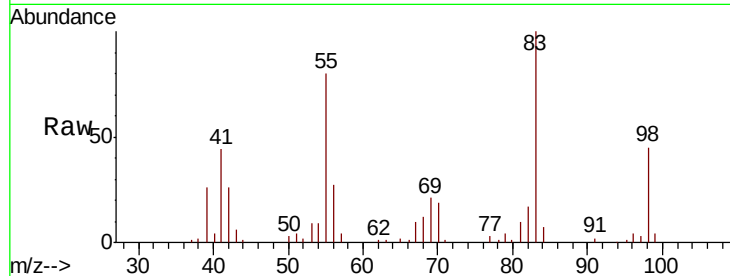




#39
Methylvlcyclohexane
Concen: 18.659 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005921.D
Acq: 13 Nov 2018 01:19

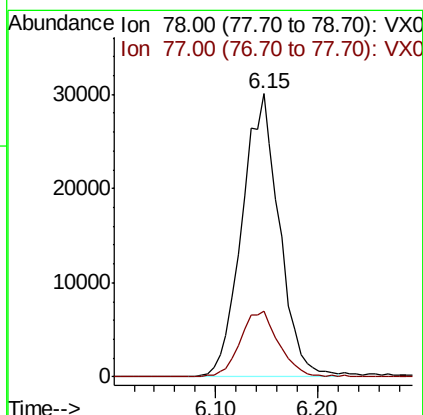
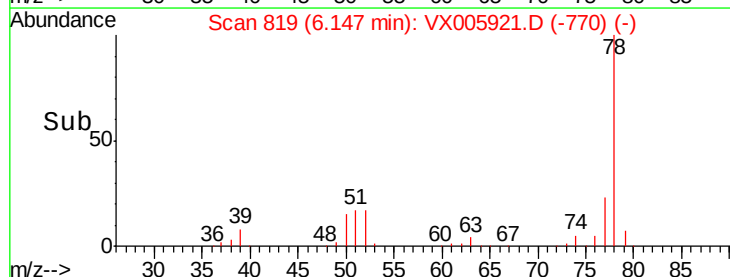
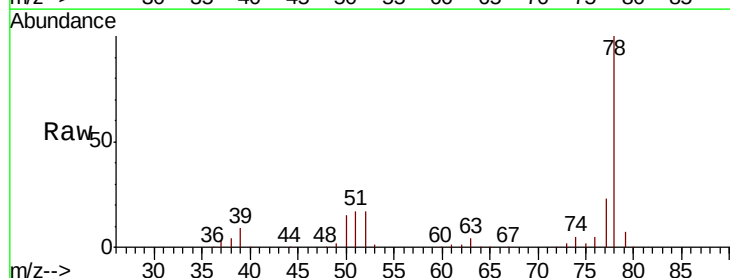
Instrument :
MSVOA_X
ClientSampleId :
VX1112WBS02

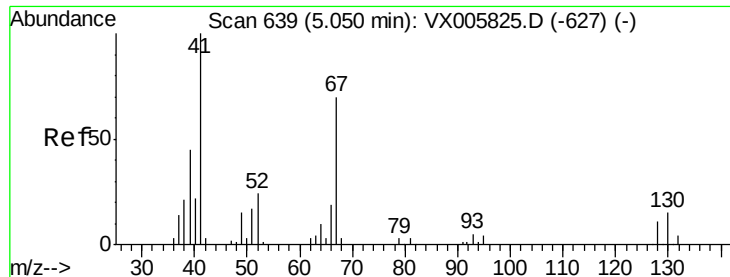
Tot Ion: 83 Resp: 26371
Ion Ratio Lower Upper
83 100
55 79.8 63.7 95.5
98 45.2 36.2 54.2



#40
Benzene
Concen: 18.845 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX005921.D
Acq: 13 Nov 2018 01:19

Tgt Ion: 78 Resp: 76607
Ion Ratio Lower Upper
78 100
77 23.2 18.4 27.6

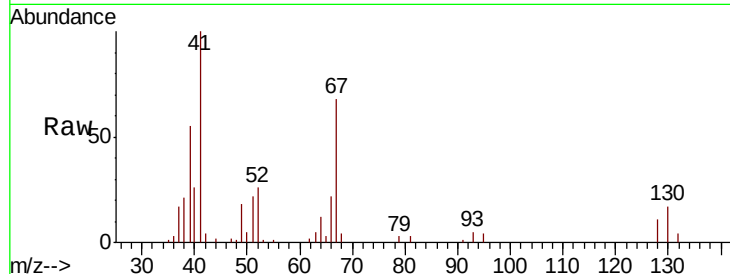




#41
Methacrylonitrile
Concen: 19.093 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX005921.D
Acq: 13 Nov 2018 01:19

Instrument :
MSVOA_X
ClientSampled :
VX1112WBS02

Tot Ion:	41	Resp:	18919
Ion	Ratio	Lower	Upper
41	100		
39	53.5	42.2	63.2
67	65.9	53.4	80.0
52	28.4	23.4	35.2



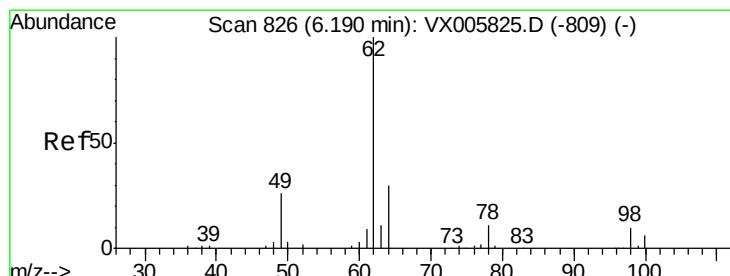
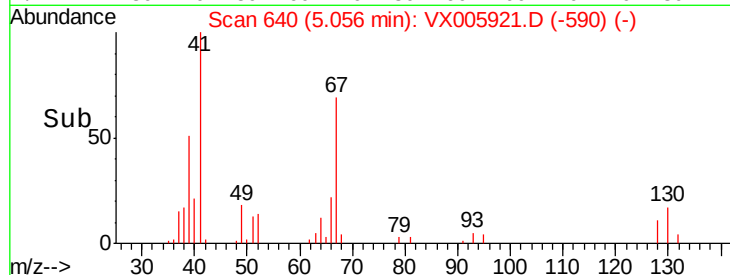
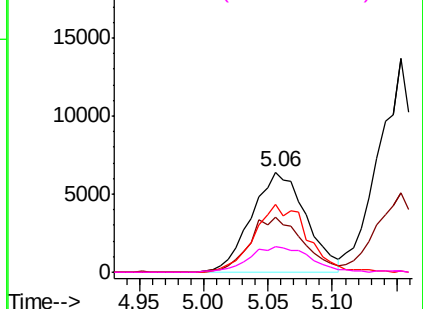
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

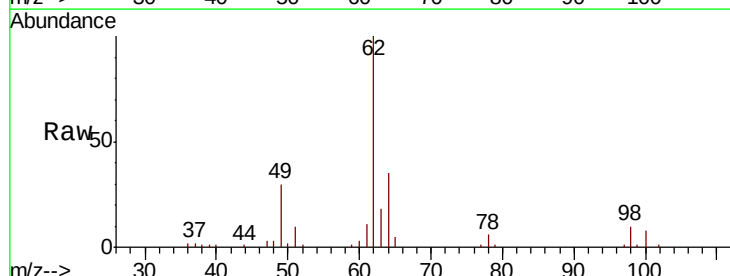
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 20.164 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX005921.D
Acq: 13 Nov 2018 01:19

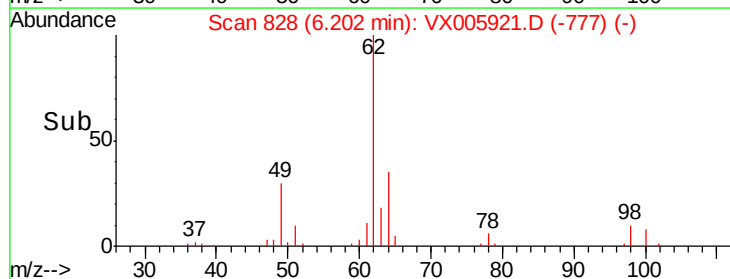
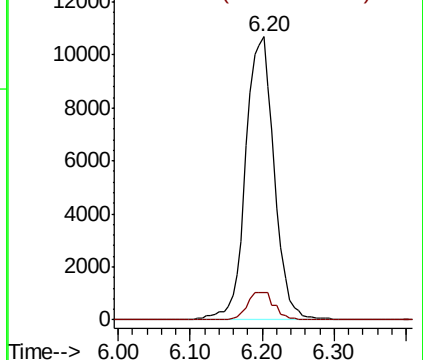
Tgt Ion:	62	Resp:	29360
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	17.8

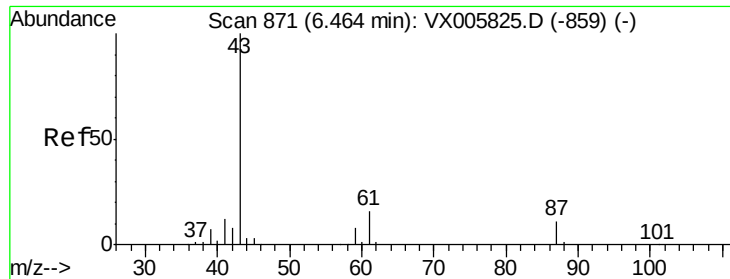


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.706 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX005921.D

Acq: 13 Nov 2018 01:19

Instrument :

MSVOA_X

ClientSampleId :

VX1112WBS02

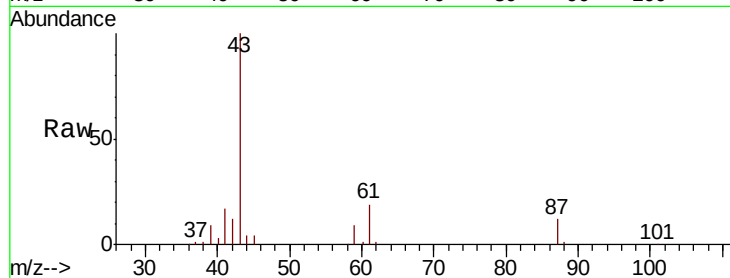
Tot Ion: 43 Resp: 49705

Ion Ratio Lower Upper

43 100

61 19.0 14.6 22.0

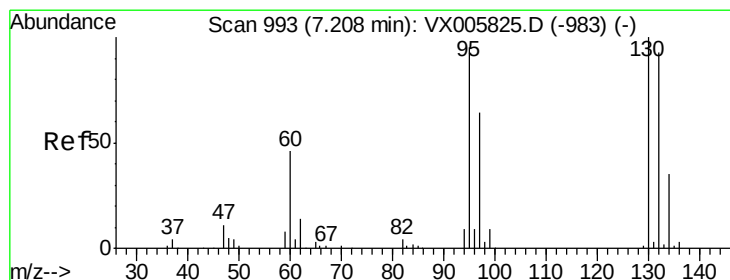
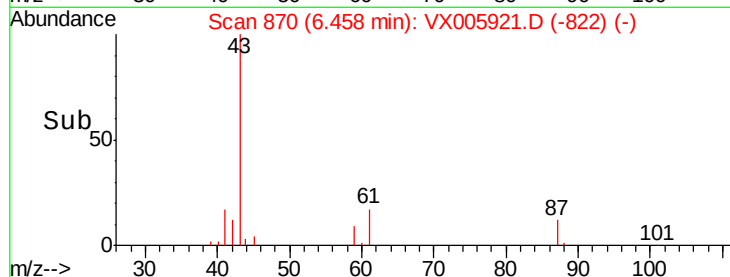
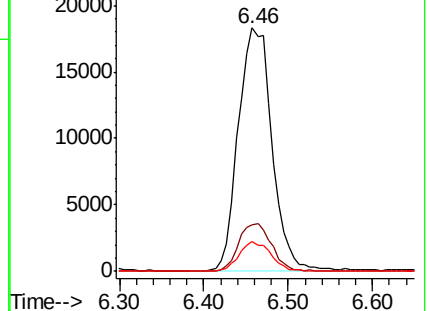
87 11.6 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VX005825.D (-859) (-)

Ion 61.00 (60.70 to 61.70): VX005825.D (-859) (-)

Ion 87.00 (86.70 to 87.70): VX005825.D (-859) (-)



#44

Trichloroethene

Concen: 18.731 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX005921.D

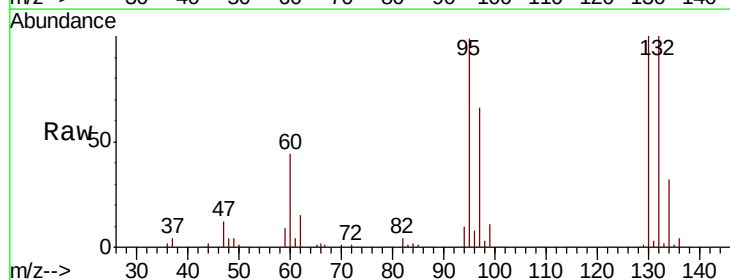
Acq: 13 Nov 2018 01:19

Tgt Ion:130 Resp: 19338

Ion Ratio Lower Upper

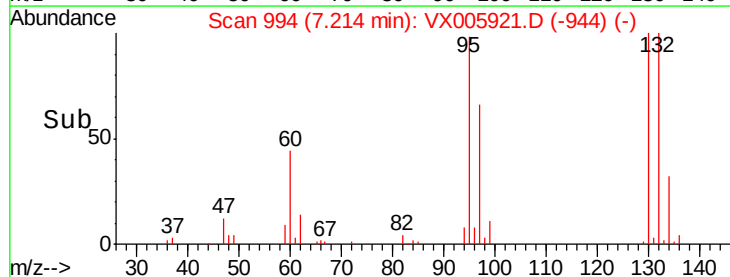
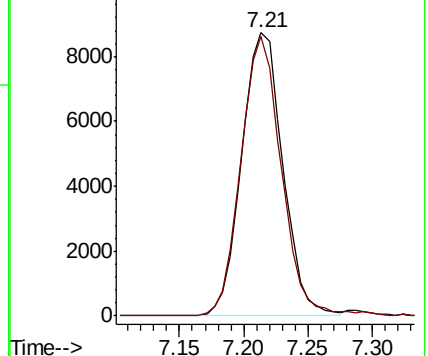
130 100

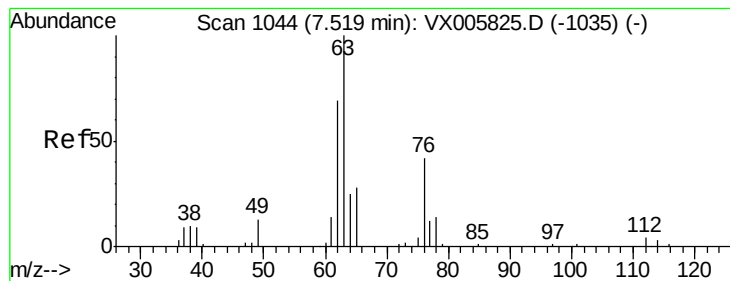
95 99.0 0.0 194.2



Abundance Ion 129.80 (129.50 to 130.50): VX005825.D (-983) (-)

Ion 94.90 (94.60 to 95.60): VX005825.D (-983) (-)





#45

1,2-Dichloropropane

Concen: 20.563 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX005921.D

Acq: 13 Nov 2018 01:19

Instrument :

MSVOA_X

ClientSampleId :

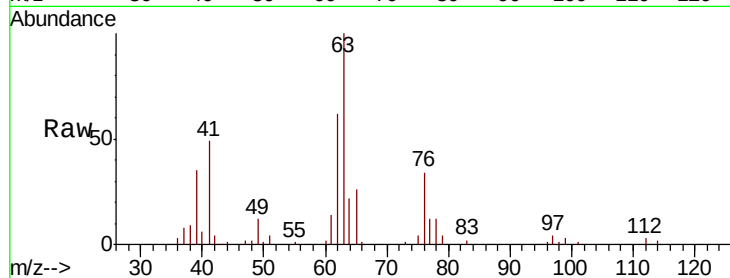
VX1112WBS02

Tot Ion: 63 Resp: 20290

Ion Ratio Lower Upper

63 100

65 26.3 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

12000

10000

8000

6000

4000

2000

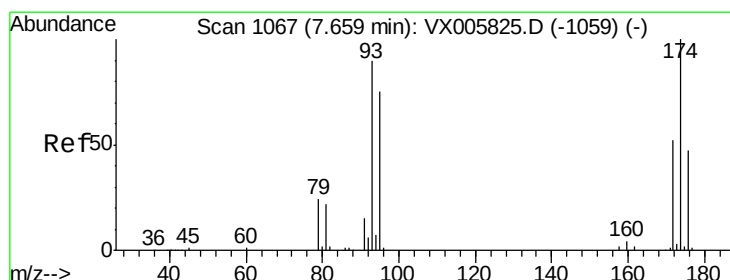
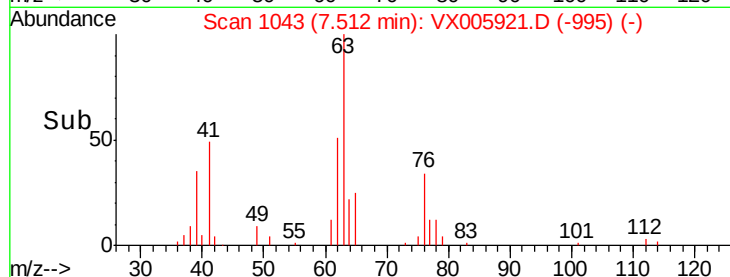
0

Time-->

7.40

7.50

7.60



#46

Dibromomethane

Concen: 20.234 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX005921.D

Acq: 13 Nov 2018 01:19

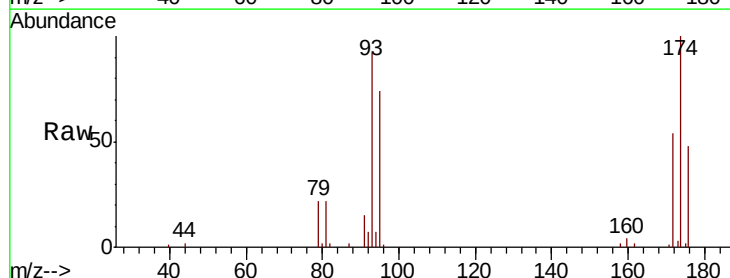
Tgt Ion: 93 Resp: 12528

Ion Ratio Lower Upper

93 100

95 81.5 67.4 101.0

174 115.1 91.5 137.3



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

10000

8000

6000

4000

2000

0

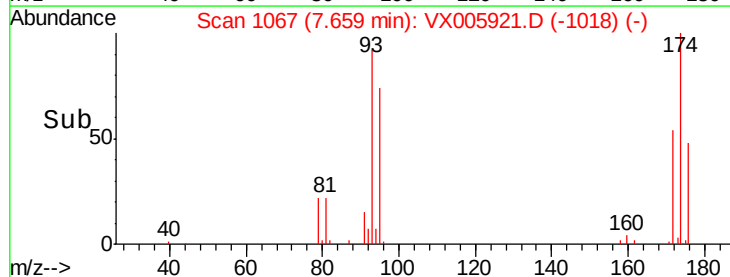
Time-->

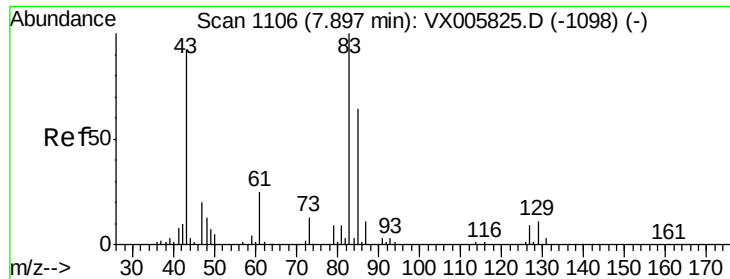
7.60

7.65

7.70

7.75





#47

Bromodichloromethane

Concen: 20.880 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005921.D

Acq: 13 Nov 2018 01:19

Instrument :

MSVOA_X

ClientSampleId :

VX1112WBS02

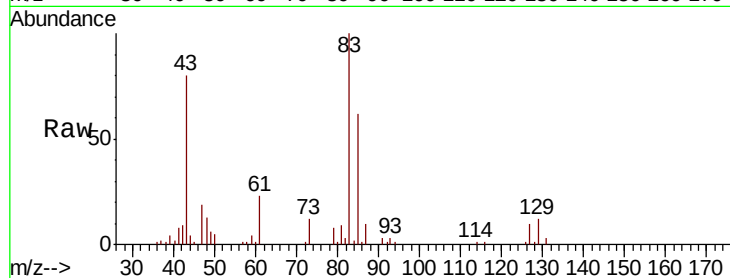
Tot Ion: 83 Resp: 24433

Ion Ratio Lower Upper

83 100

85 62.0 50.2 75.4

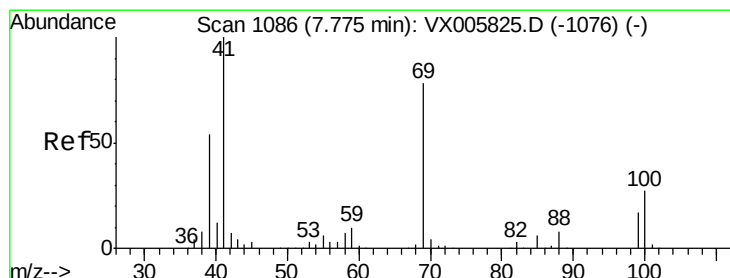
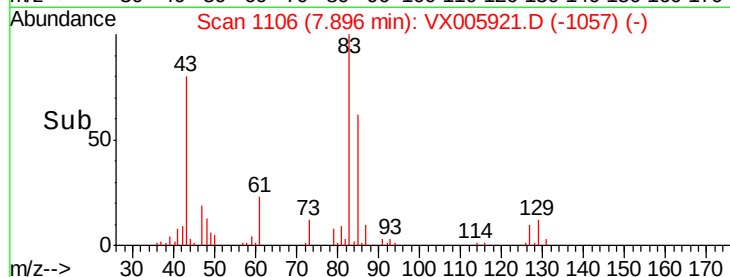
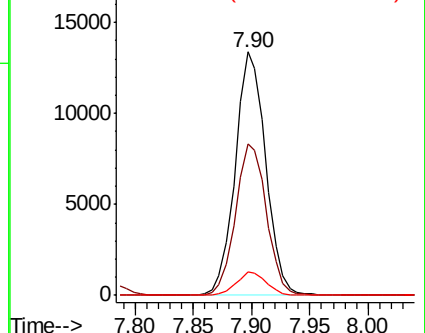
127 9.5 6.9 10.3



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: 20.154 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX005921.D

Acq: 13 Nov 2018 01:19

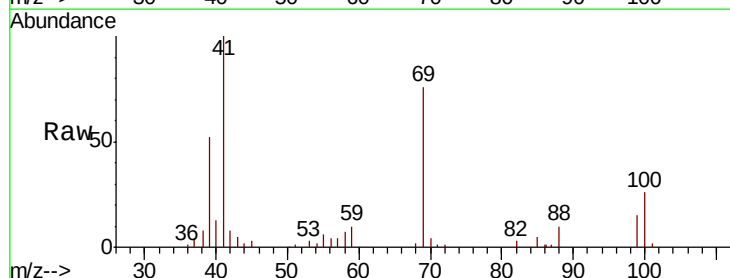
Tgt Ion: 41 Resp: 24046

Ion Ratio Lower Upper

41 100

69 78.7 63.2 94.8

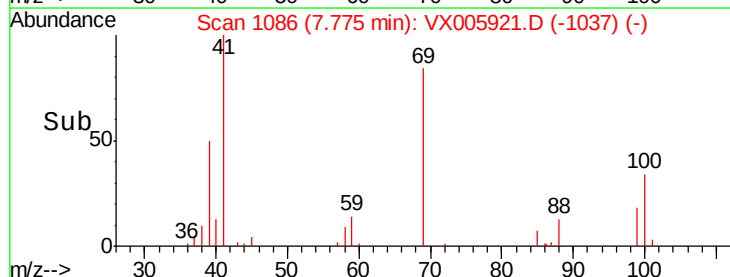
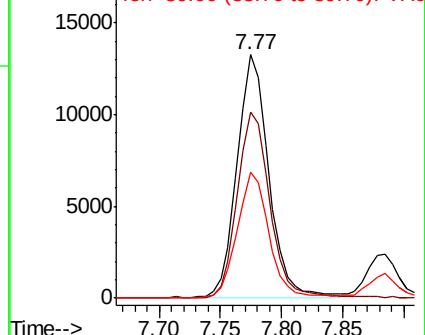
39 51.6 42.2 63.2

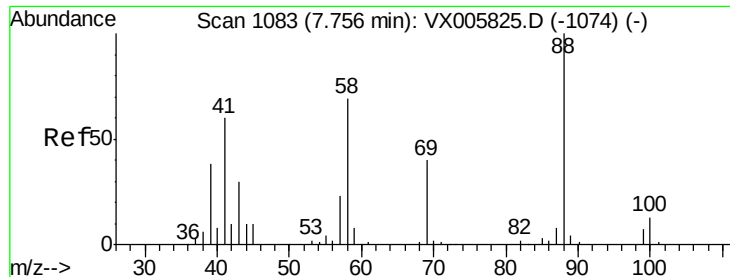


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

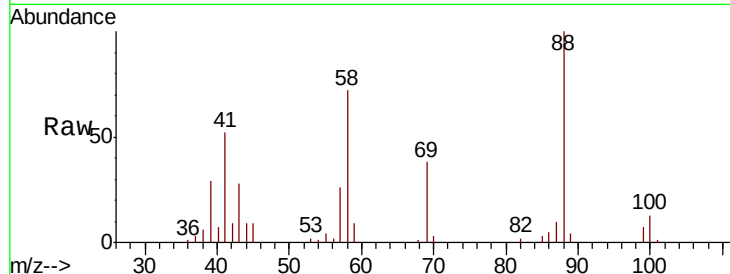




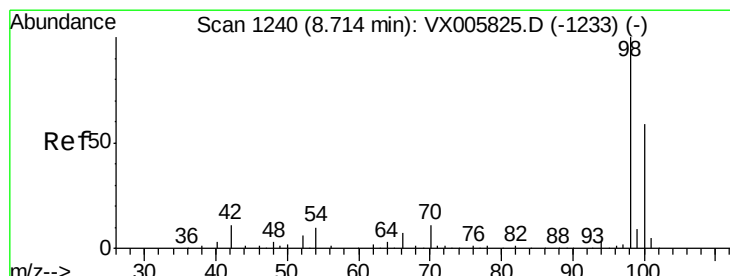
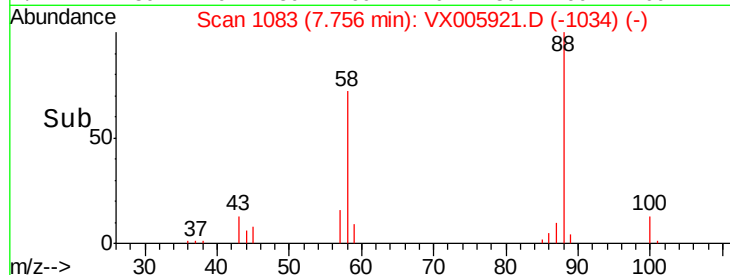
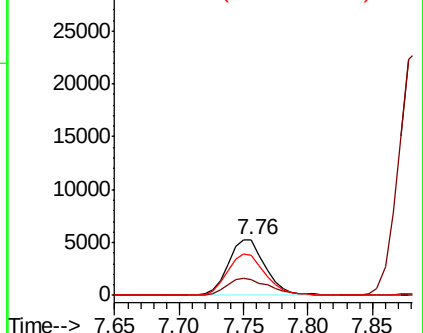
#49
1,4-Dioxane
Concen: 409.609 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005921.D
Acq: 13 Nov 2018 01:19

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBS02

Tot Ion: 88 Resp: 10531
Ion Ratio Lower Upper
88 100
43 36.3 27.4 41.0
58 77.4 59.4 89.2

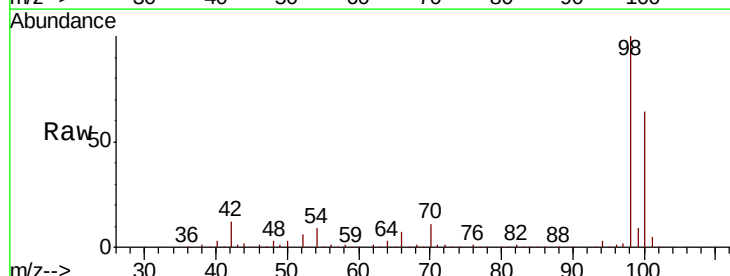


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

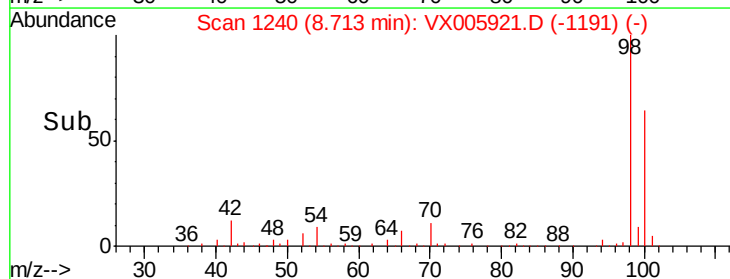
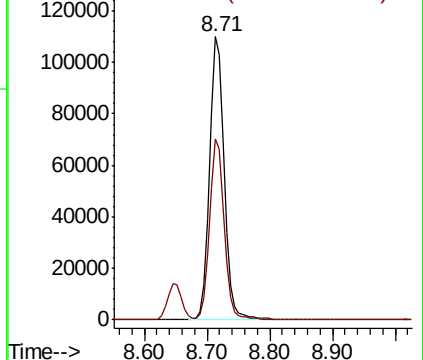


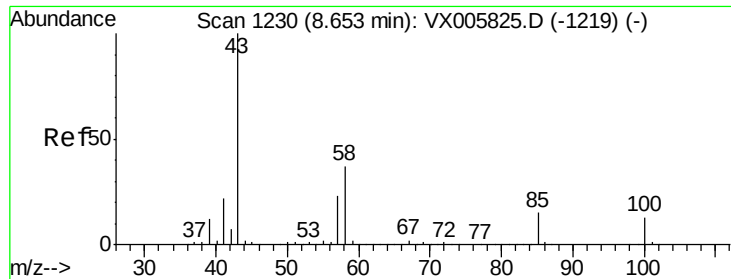
#50
Toluene-d8
Concen: 54.545 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005921.D
Acq: 13 Nov 2018 01:19

Tgt Ion: 98 Resp: 178409
Ion Ratio Lower Upper
98 100
100 63.7 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: 99.832 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX005921.D

Acq: 13 Nov 2018 01:19

Instrument :

MSVOA_X

ClientSampleId :

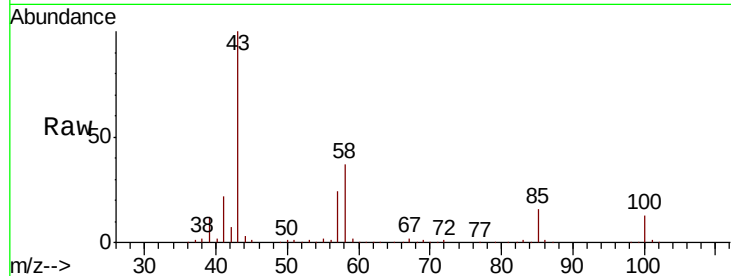
VX1112WBS02

Tot Ion: 43 Resp: 167183

Ion Ratio Lower Upper

43 100

58 36.8 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

120000

100000

80000

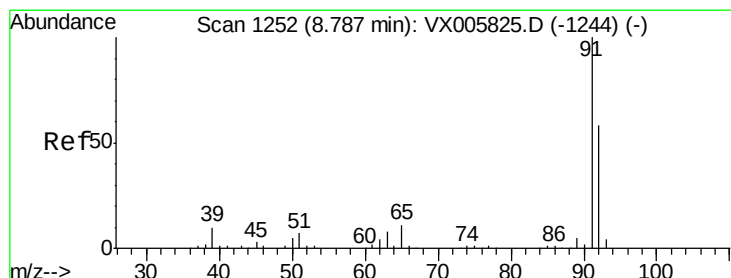
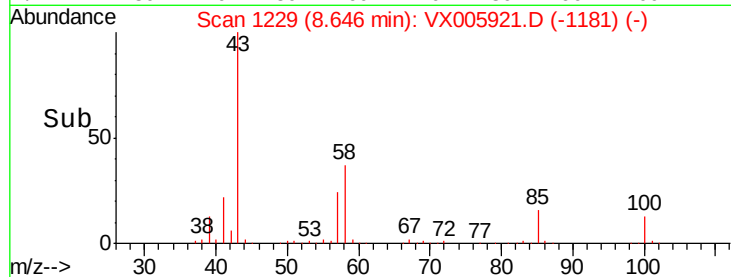
60000

40000

20000

0

Time-->



#52

Toluene

Concen: 19.500 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005921.D

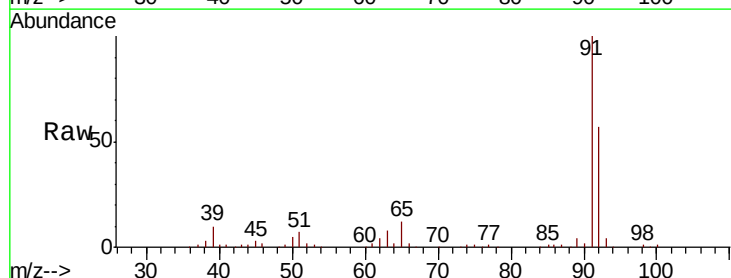
Acq: 13 Nov 2018 01:19

Tgt Ion: 92 Resp: 44304

Ion Ratio Lower Upper

92 100

91 175.5 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

50000

40000

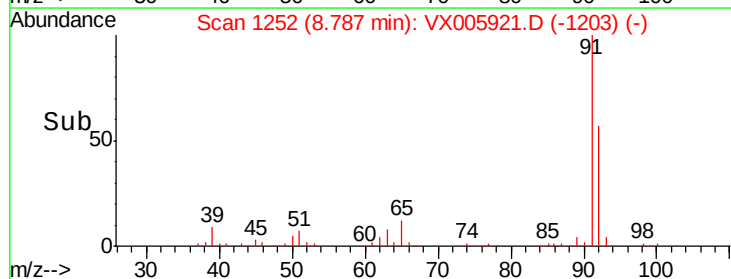
30000

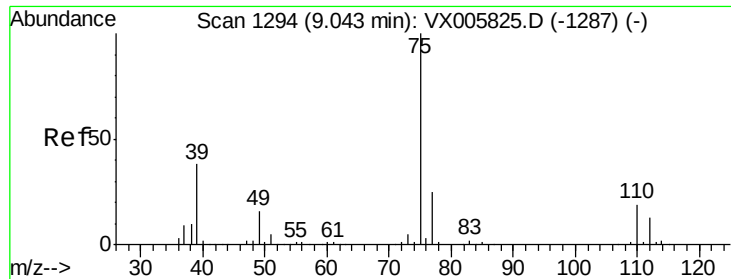
20000

10000

0

Time-->

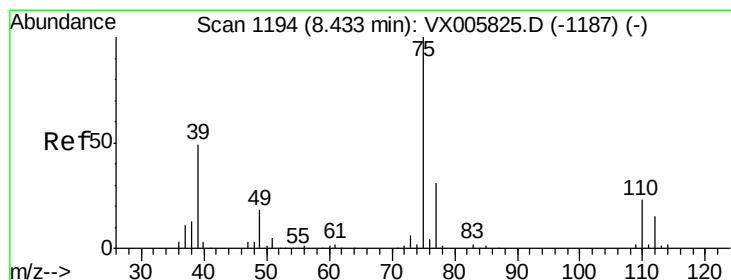
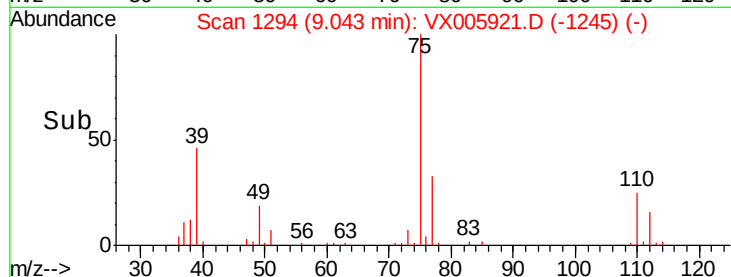
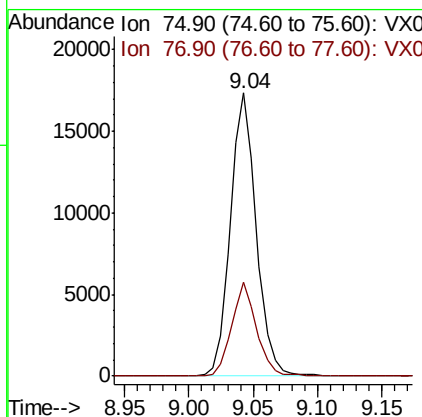
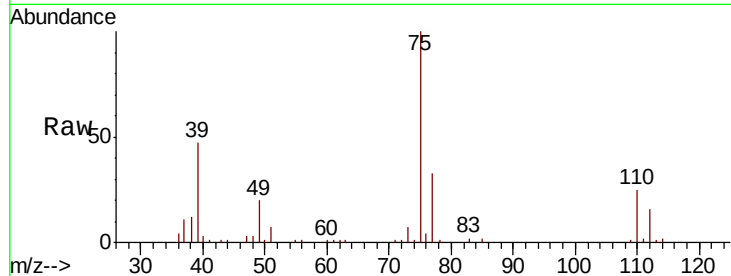




#53
 t-1,3-Dichloropropene
 Concen: 17.686 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX005921.D
 Acq: 13 Nov 2018 01:19

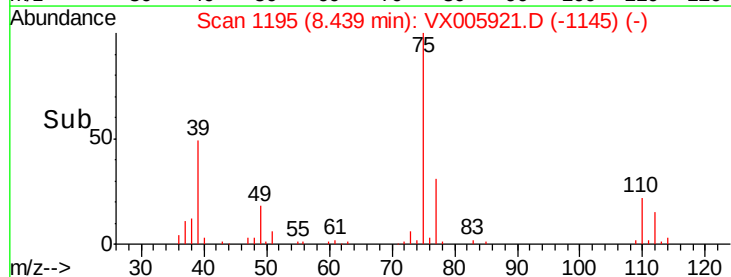
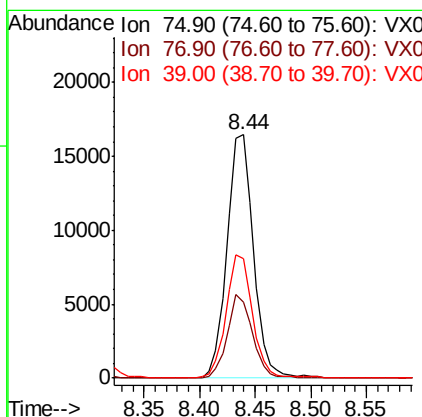
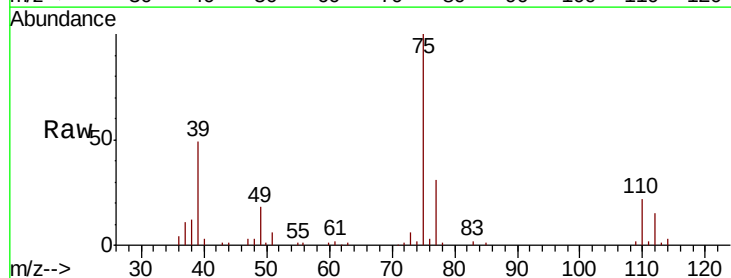
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112WBS02

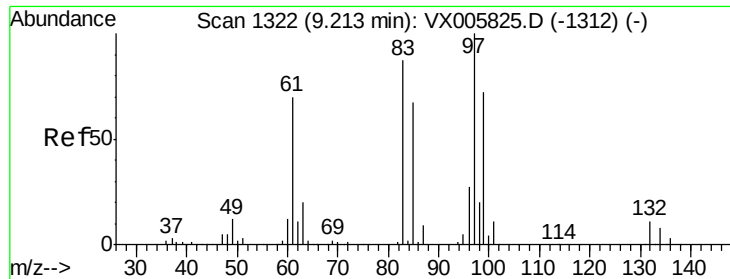
Tot Ion: 75 Resp: 24422
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 19.284 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: VX005921.D
 Acq: 13 Nov 2018 01:19

Tgt Ion: 75 Resp: 27141
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.2 37.8
 39 49.2 38.2 57.2

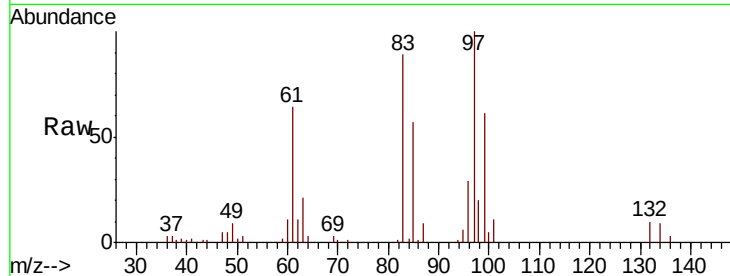




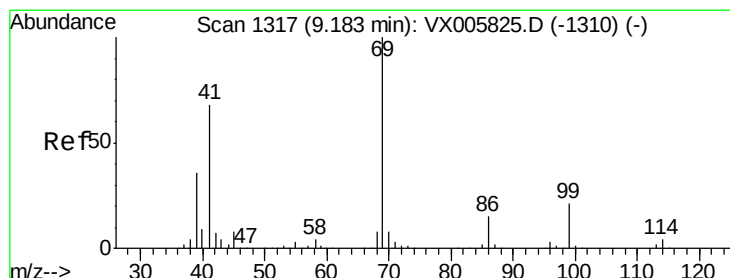
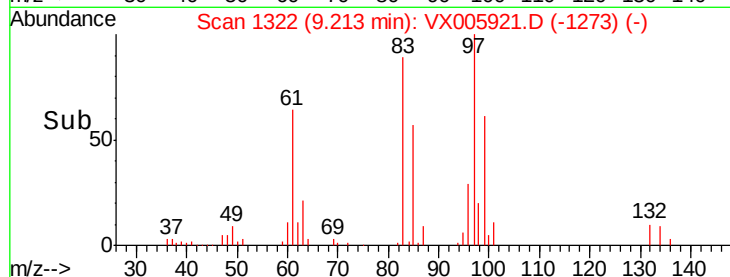
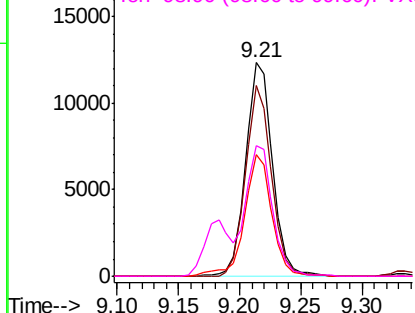
#55
 1,1,2-Trichloroethane
 Concen: 18.556 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX005921.D
 Acq: 13 Nov 2018 01:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112WBS02

Tot Ion: 97 Resp: 18789
 Ion Ratio Lower Upper
 97 100
 83 89.0 70.7 106.1
 85 56.8 45.8 68.6
 99 61.1 51.8 77.8

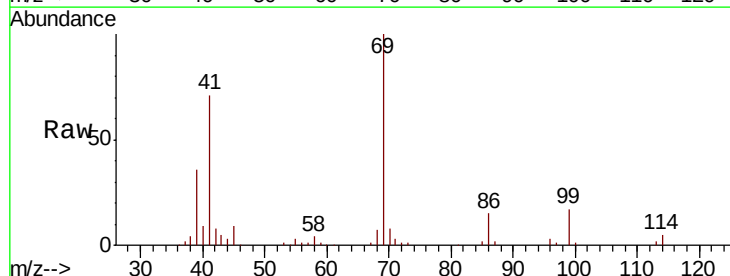


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

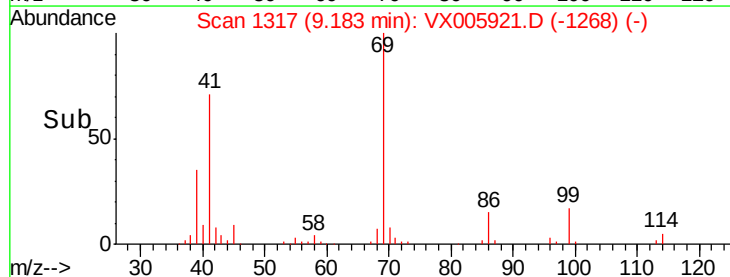
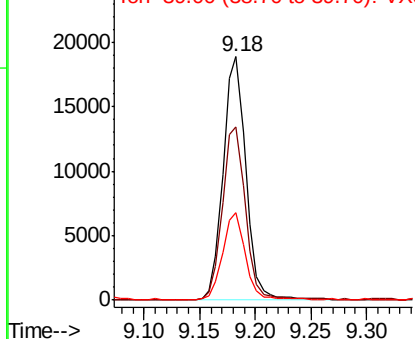


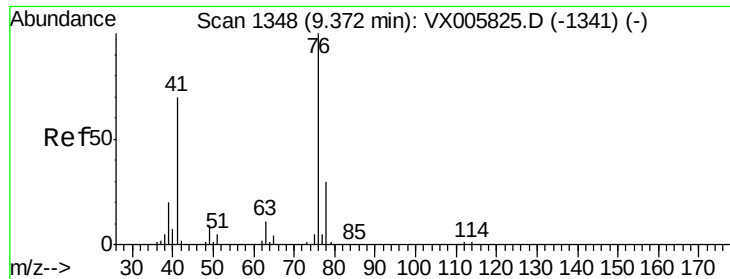
#56
 Ethyl methacrylate
 Concen: 17.715 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005921.D
 Acq: 13 Nov 2018 01:19

Tgt Ion: 69 Resp: 26840
 Ion Ratio Lower Upper
 69 100
 41 72.5 57.0 85.6
 39 36.5 28.3 42.5



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 18.171 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005921.D

Acq: 13 Nov 2018 01:19

Instrument :

MSVOA_X

ClientSampleId :

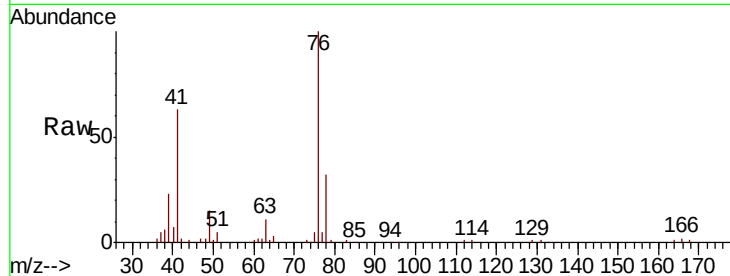
VX1112WBS02

Tot Ion: 76 Resp: 30921

Ion Ratio Lower Upper

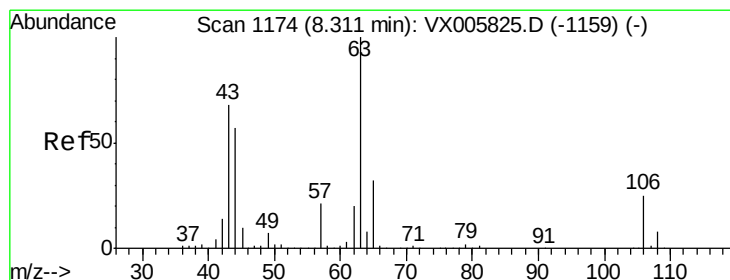
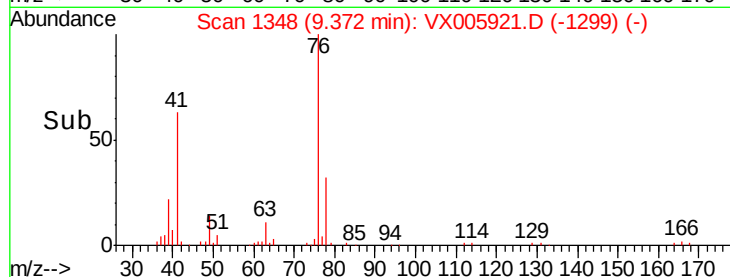
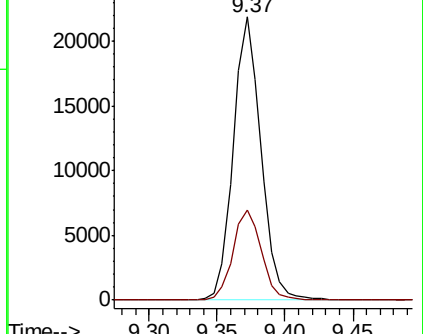
76 100

78 32.8 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: 106.722 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX005921.D

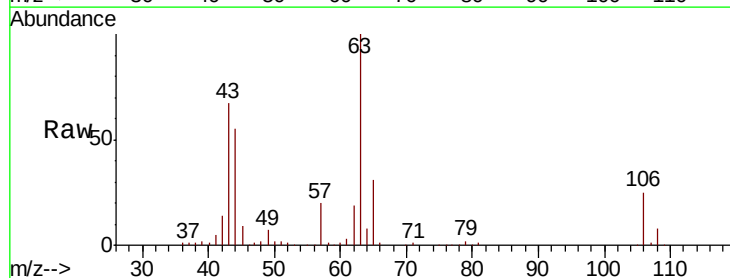
Acq: 13 Nov 2018 01:19

Tgt Ion: 63 Resp: 84055

Ion Ratio Lower Upper

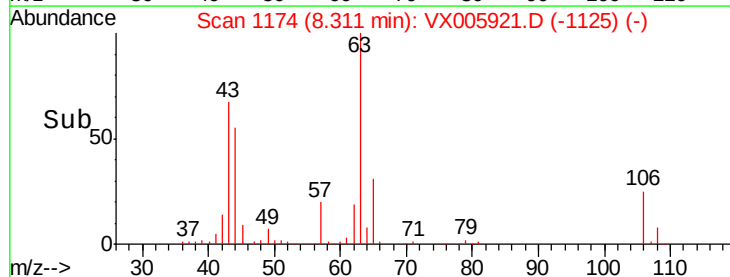
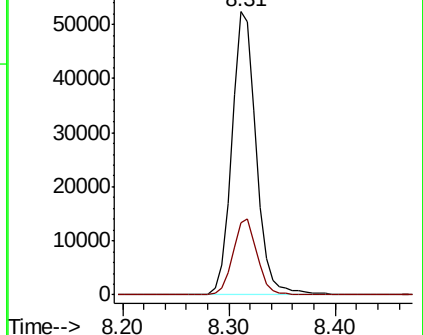
63 100

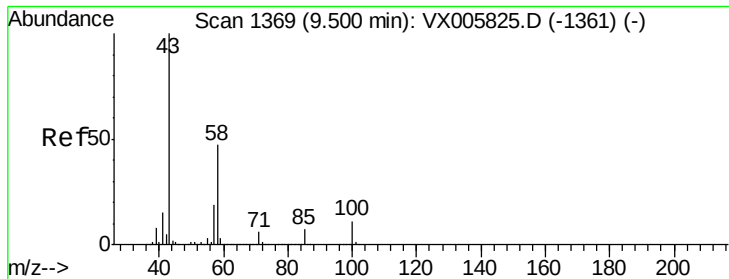
106 26.9 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

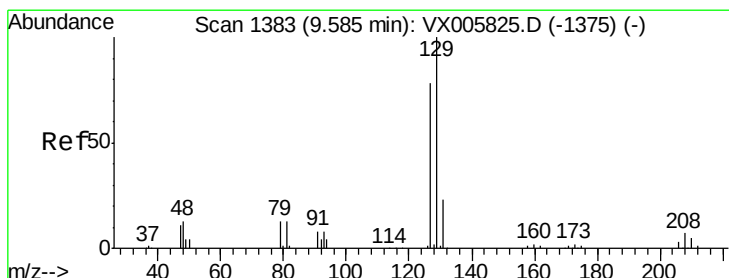
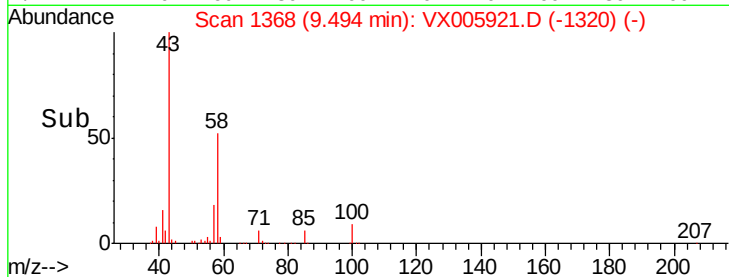
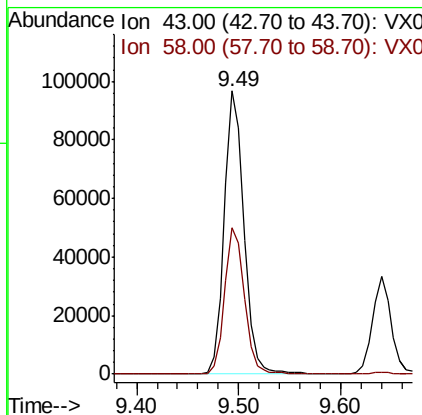
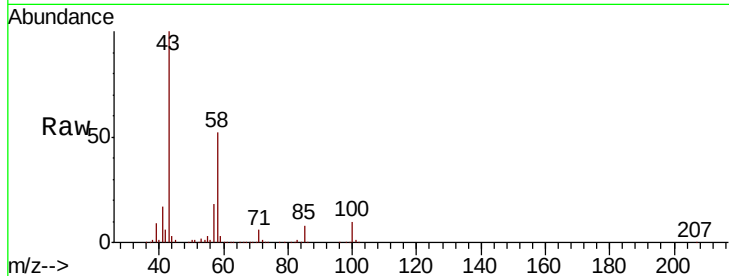




#59
2-Hexanone
Concen: 88.211 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005921.D
Acq: 13 Nov 2018 01:19

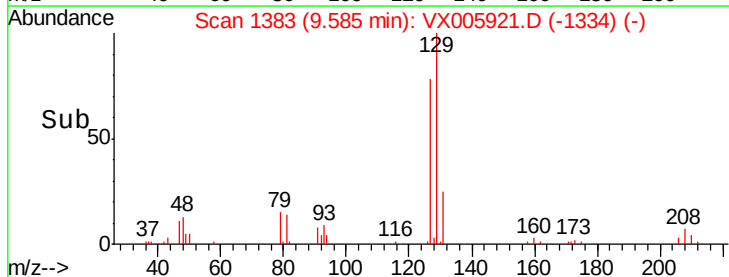
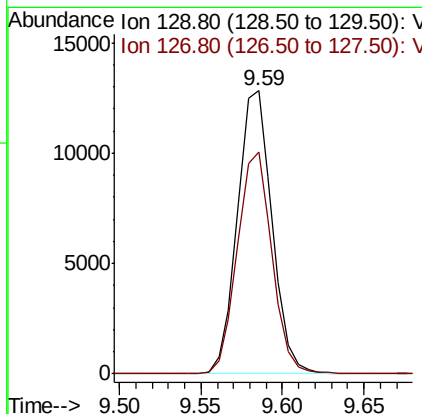
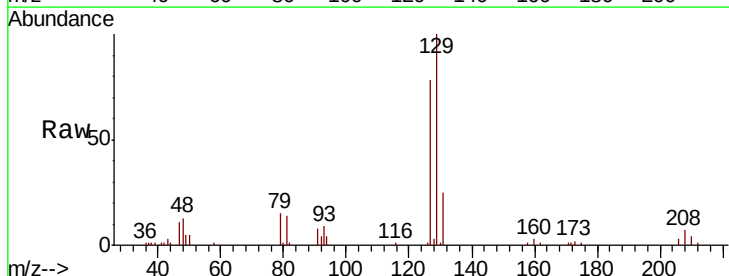
Instrument :
MSVOA_X
ClientSampleId :
VX1112WBS02

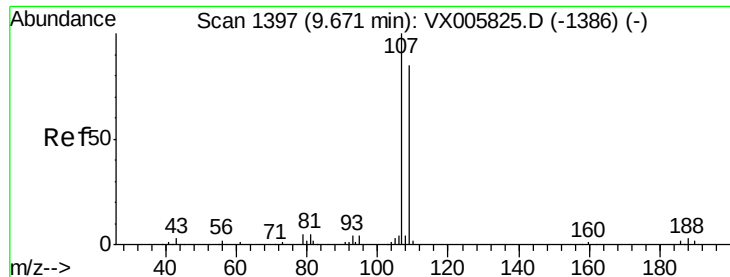
Tot Ion: 43 Resp: 130211
Ion Ratio Lower Upper
43 100
58 51.9 25.9 77.8



#60
Dibromochloromethane
Concen: 17.344 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005921.D
Acq: 13 Nov 2018 01:19

Tgt Ion: 129 Resp: 18980
Ion Ratio Lower Upper
129 100
127 78.3 38.9 116.7





#61

1,2-Dibromoethane

Concen: 17.285 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005921.D

Acq: 13 Nov 2018 01:19

Instrument :

MSVOA_X

ClientSampleId :

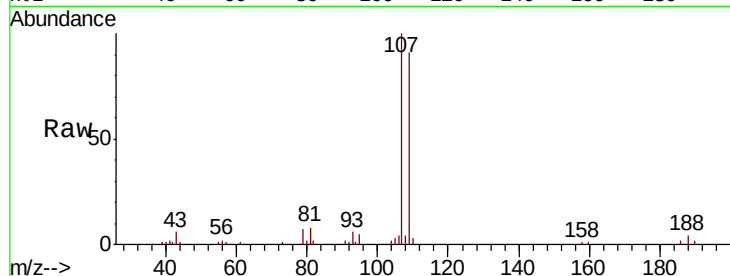
VX1112WBS02

Tot Ion:107 Resp: 19354

Ion Ratio Lower Upper

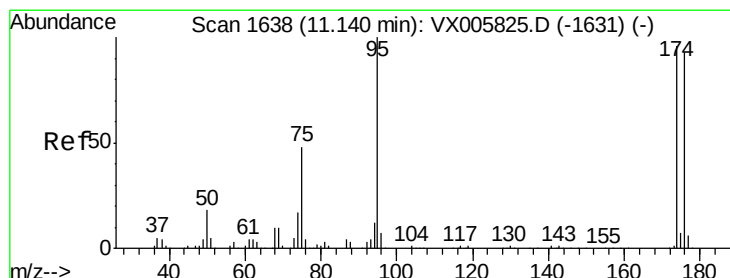
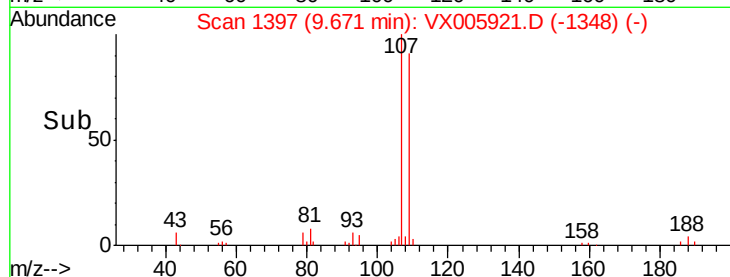
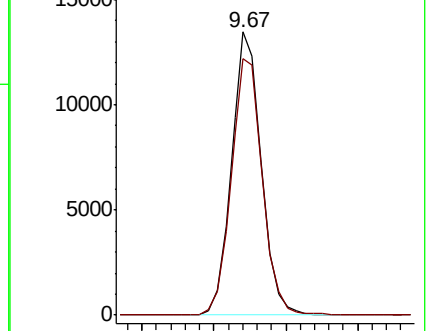
107 100

109 94.8 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: 56.002 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005921.D

Acq: 13 Nov 2018 01:19

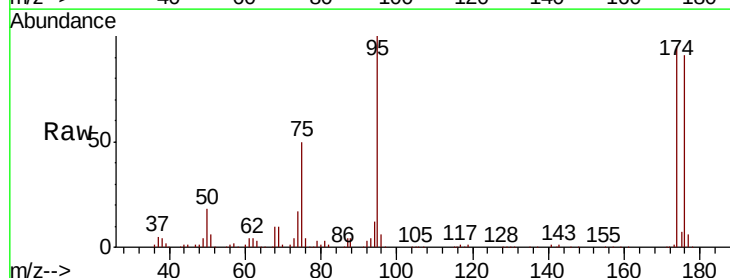
Tgt Ion: 95 Resp: 65859

Ion Ratio Lower Upper

95 100

174 90.4 0.0 184.4

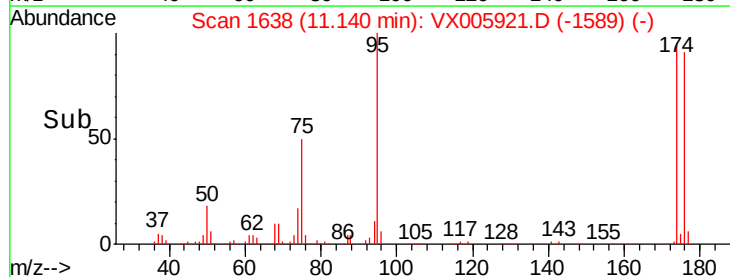
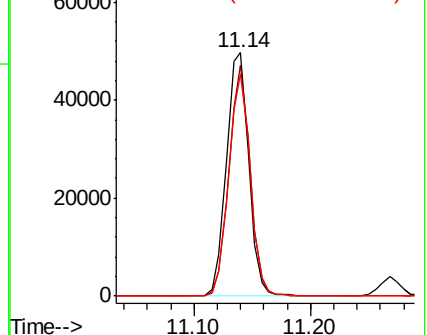
176 88.7 0.0 177.4

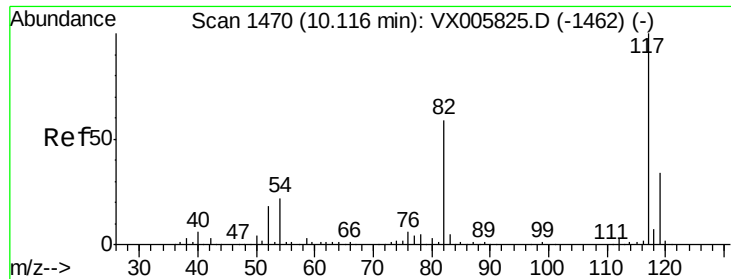


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

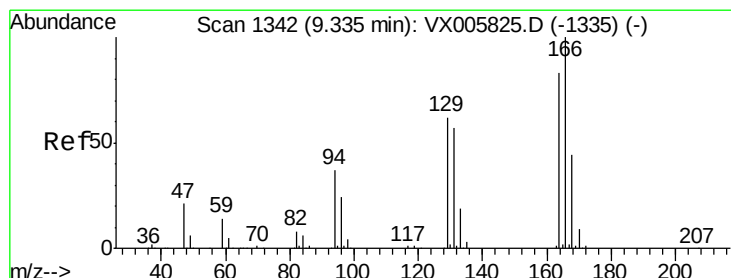
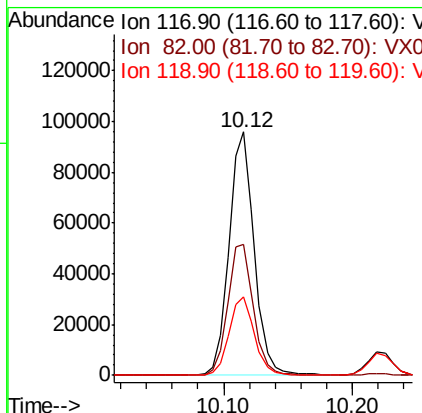
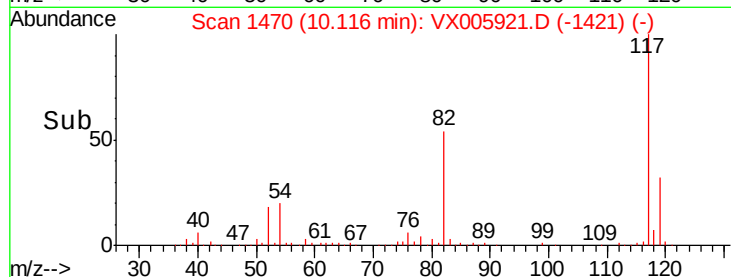
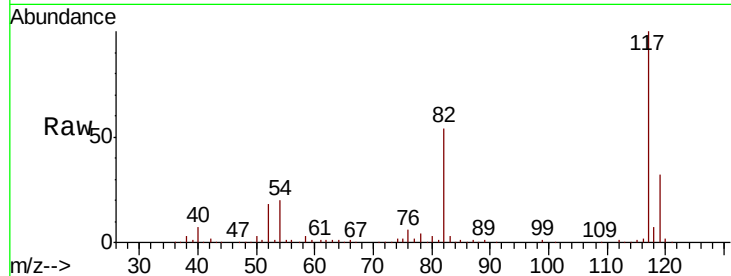




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005921.D
Acq: 13 Nov 2018 01:19

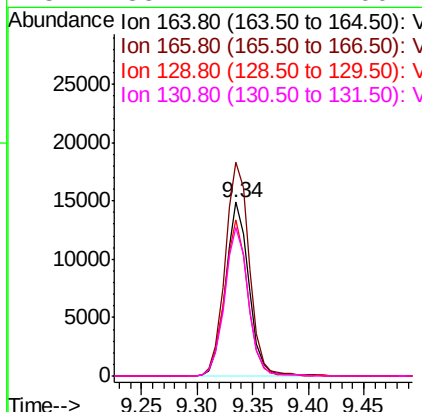
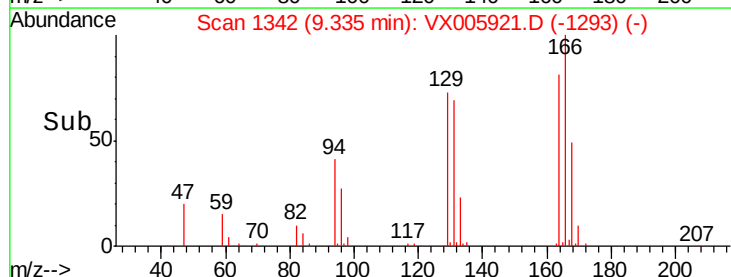
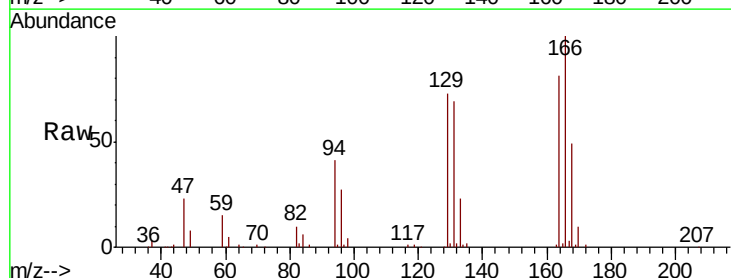
Instrument :
MSVOA_X
ClientSampleId :
VX1112WBS02

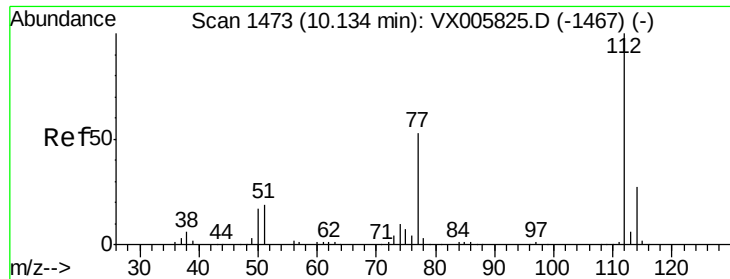
Tot Ion:117 Resp: 130772
Ion Ratio Lower Upper
117 100
82 53.6 44.1 66.1
119 32.5 26.2 39.2



#64
Tetrachloroethene
Concen: 19.454 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005921.D
Acq: 13 Nov 2018 01:19

Tgt Ion:164 Resp: 21660
Ion Ratio Lower Upper
164 100
166 122.9 101.9 152.9
129 90.1 72.6 109.0
131 85.4 71.1 106.7

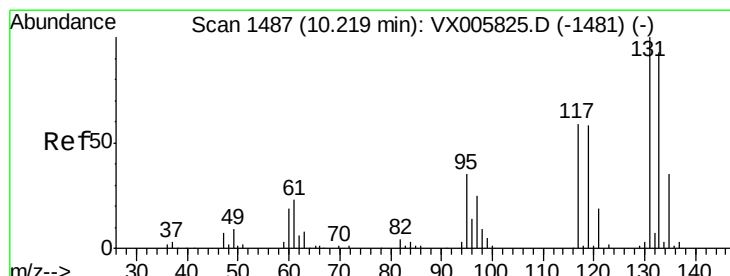
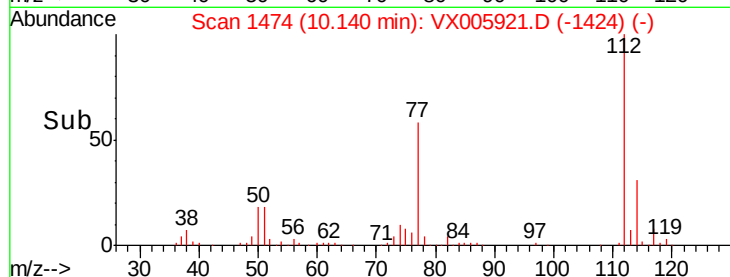
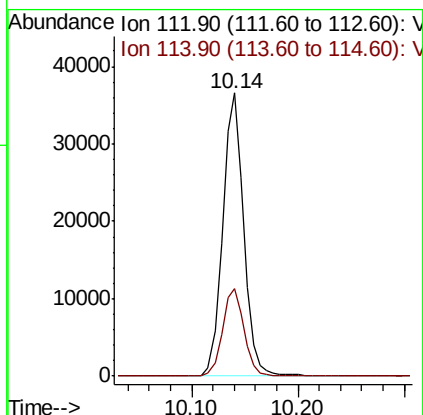
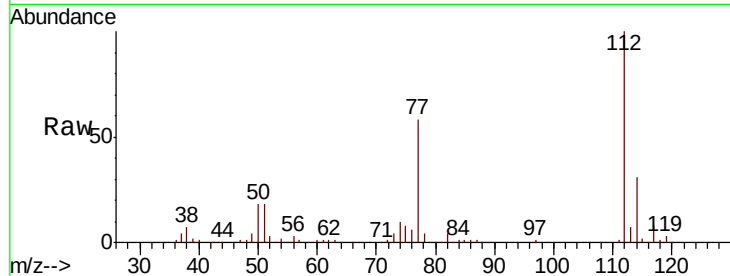




#65
Chlorobenzene
Concen: 19.145 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX005921.D
Acq: 13 Nov 2018 01:19

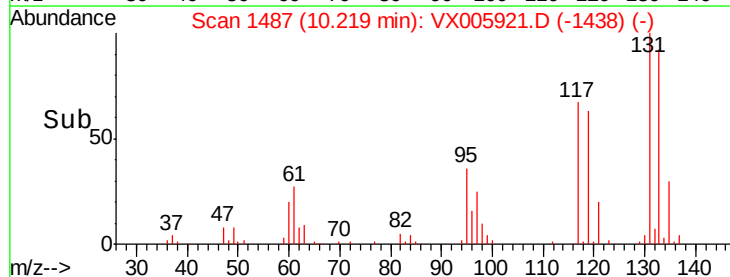
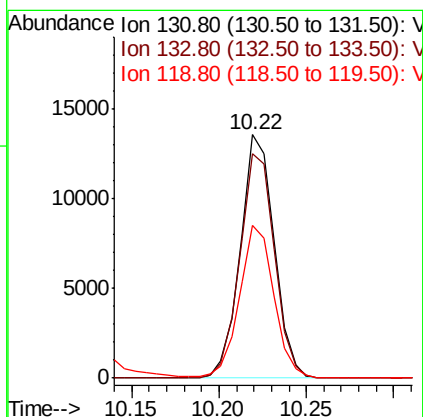
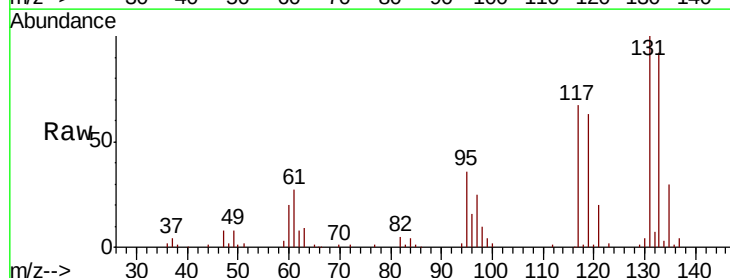
Instrument :
MSVOA_X
ClientSampleId :
VX1112WBS02

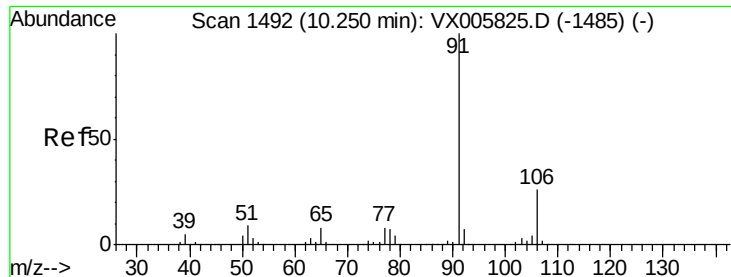
Tot Ion:112 Resp: 50156
Ion Ratio Lower Upper
112 100
114 31.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.046 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX005921.D
Acq: 13 Nov 2018 01:19

Tgt Ion:131 Resp: 18258
Ion Ratio Lower Upper
131 100
133 94.5 47.5 142.5
119 63.5 31.8 95.3





#67

Ethyl Benzene

Concen: 20.027 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005921.D

Acq: 13 Nov 2018 01:19

Instrument :

MSVOA_X

ClientSampled :

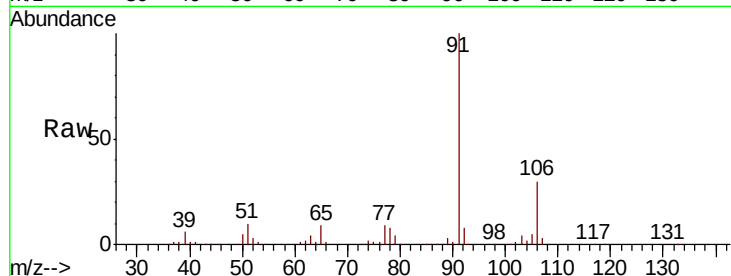
VX1112WBS02

Tot Ion: 91 Resp: 84129

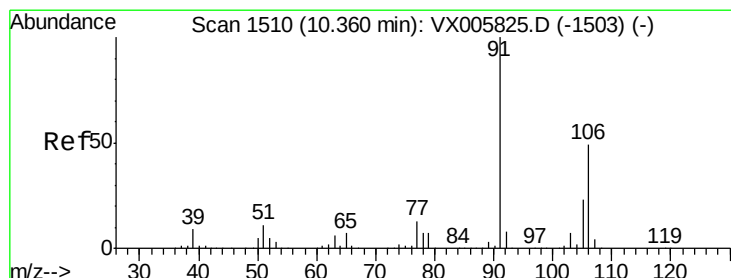
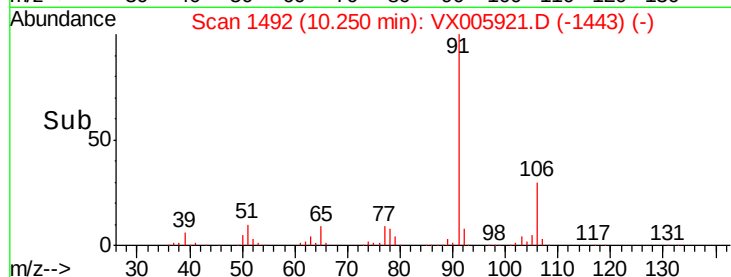
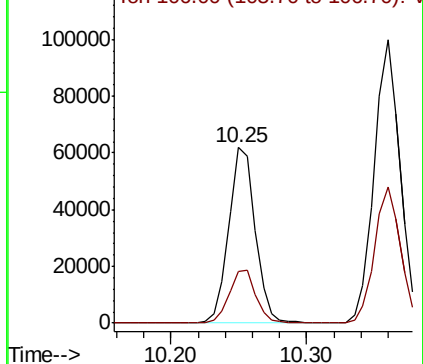
Ion Ratio Lower Upper

91 100

106 29.7 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX005825.D (-1485) (-)



#68

m/p-Xylenes

Concen: 40.241 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005921.D

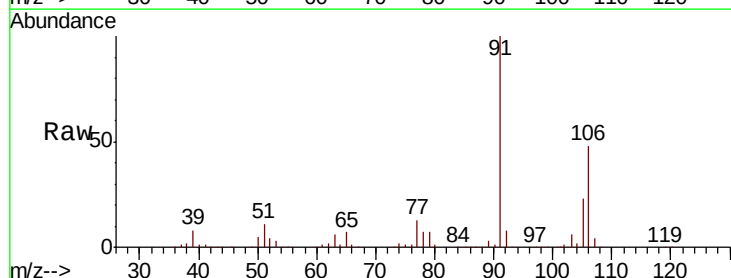
Acq: 13 Nov 2018 01:19

Tgt Ion: 106 Resp: 64481

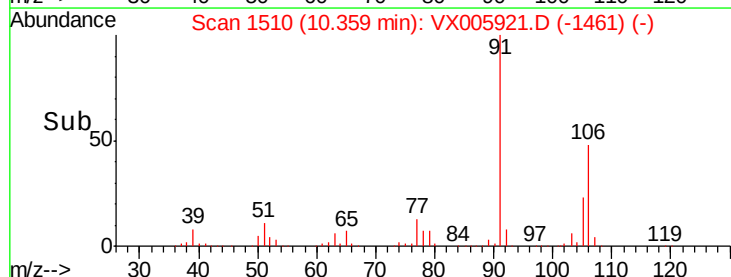
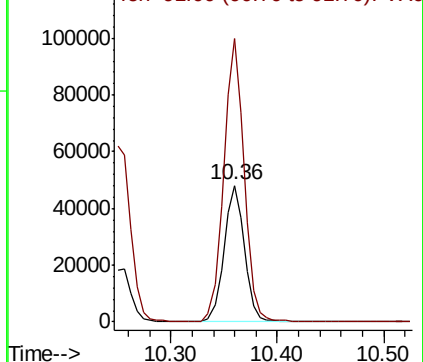
Ion Ratio Lower Upper

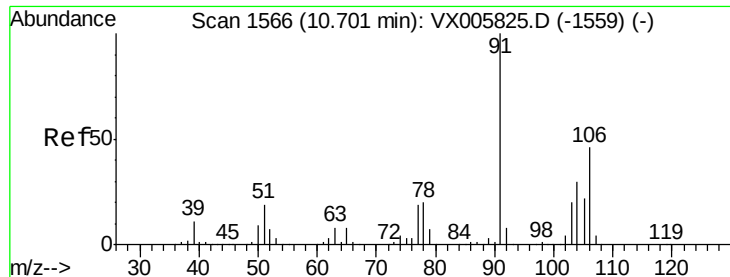
106 100

91 207.3 164.2 246.4



Abundance Ion 106.00 (105.70 to 106.70): VX005825.D (-1503) (-)

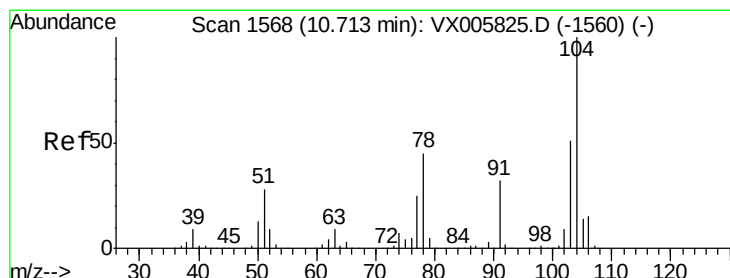
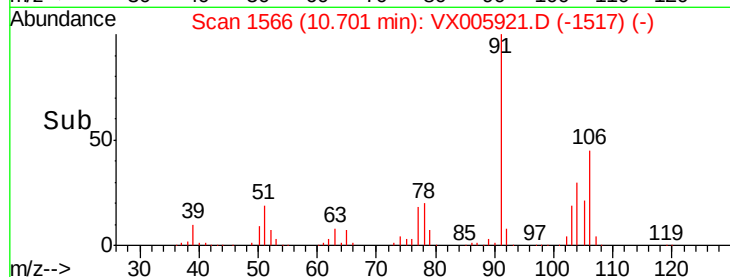
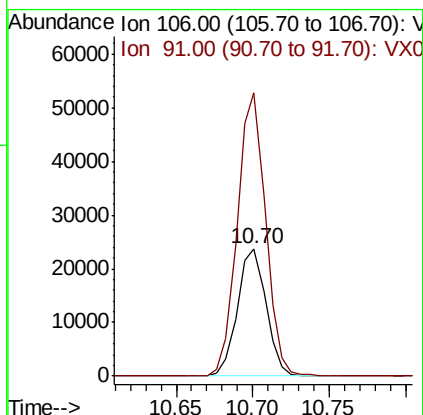
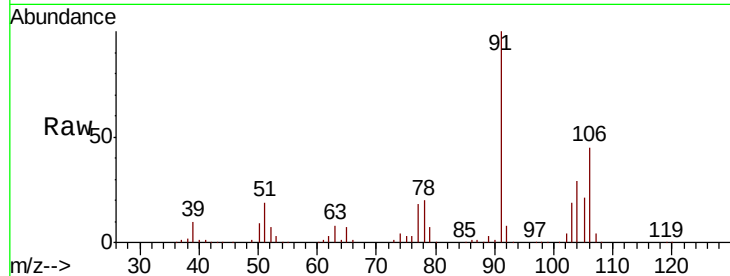




#69
o-Xylene
Concen: 21.509 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005921.D
Acq: 13 Nov 2018 01:19

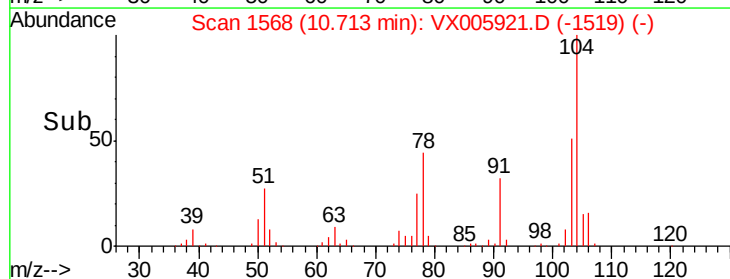
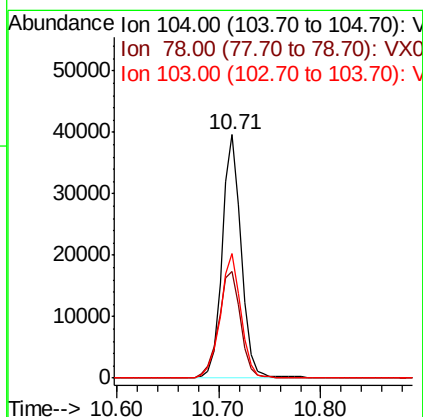
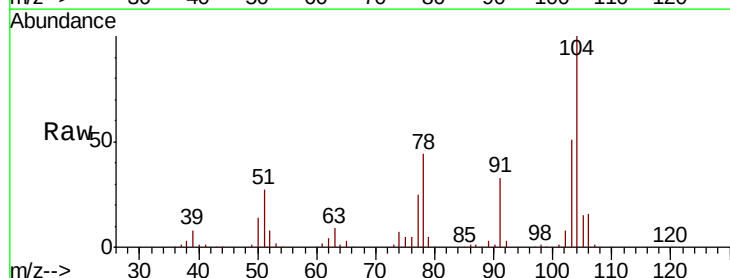
Instrument :
MSVOA_X
ClientSampled :
VX1112WBS02

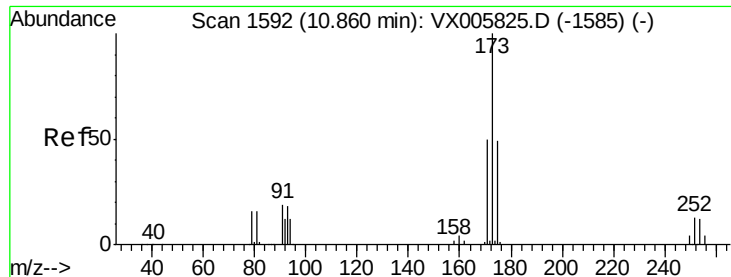
Tot Ion:106 Resp: 30906
Ion Ratio Lower Upper
106 100
91 218.8 108.5 325.5



#70
Styrene
Concen: 21.738 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005921.D
Acq: 13 Nov 2018 01:19

Tgt Ion:104 Resp: 51524
Ion Ratio Lower Upper
104 100
78 51.1 40.2 60.4
103 55.6 44.9 67.3





#71

Bromoform

Concen: 20.101 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005921.D

Acq: 13 Nov 2018 01:19

Instrument :

MSVOA_X

ClientSampleId :

VX1112WBS02

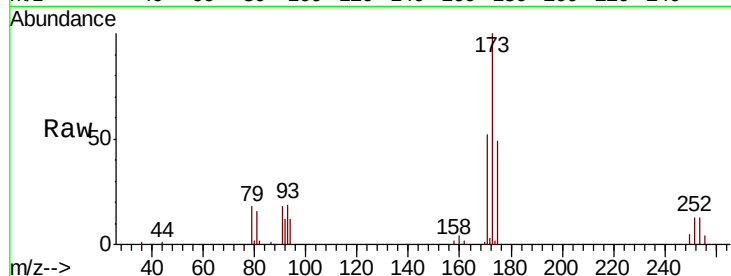
Tot Ion:173 Resp: 15347

Ion Ratio Lower Upper

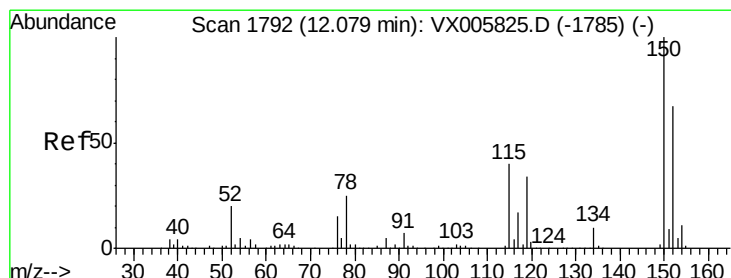
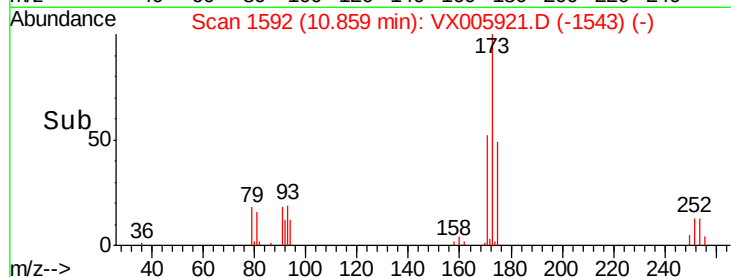
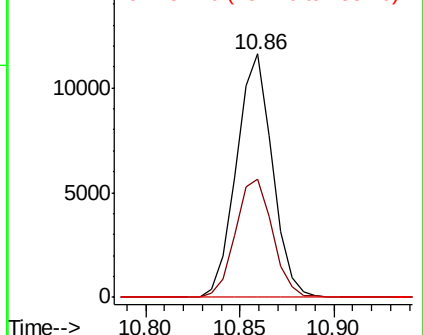
173 100

175 49.9 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: VX005921.D

Acq: 13 Nov 2018 01:19

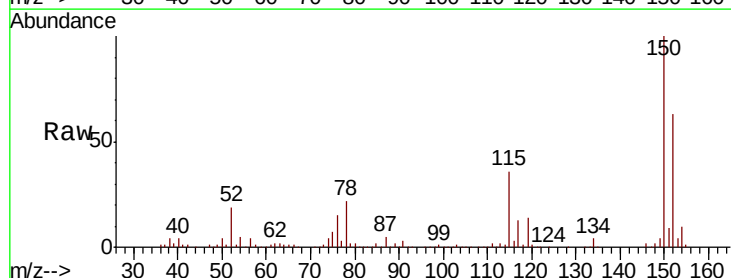
Tgt Ion:152 Resp: 71946

Ion Ratio Lower Upper

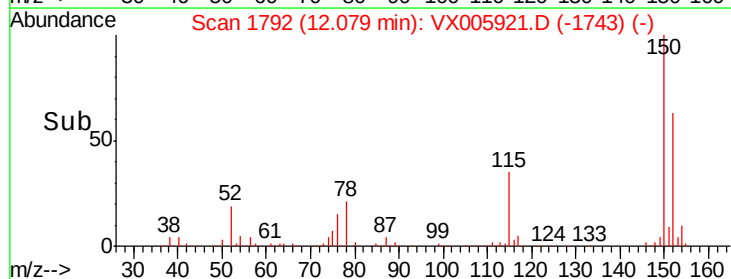
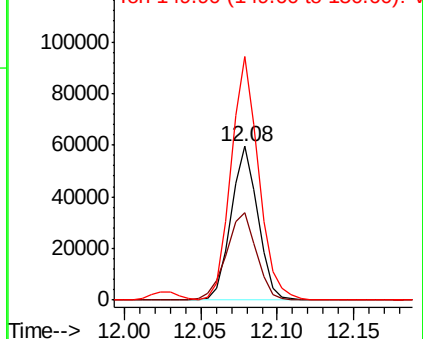
152 100

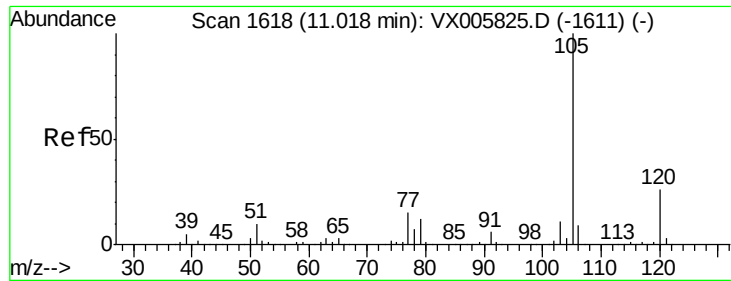
115 64.0 39.4 118.1

150 163.6 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: 20.495 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005921.D

Acq: 13 Nov 2018 01:19

Instrument :

MSVOA_X

ClientSampleId :

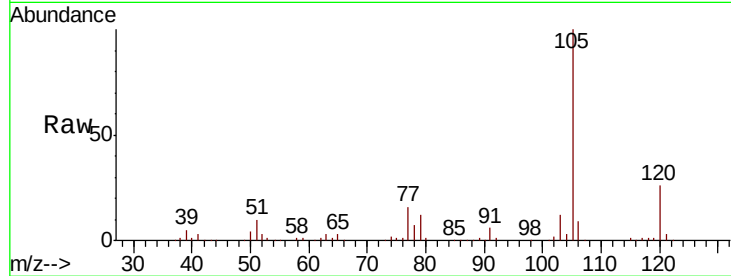
VX1112WBS02

Tot Ion:105 Resp: 85272

Ion Ratio Lower Upper

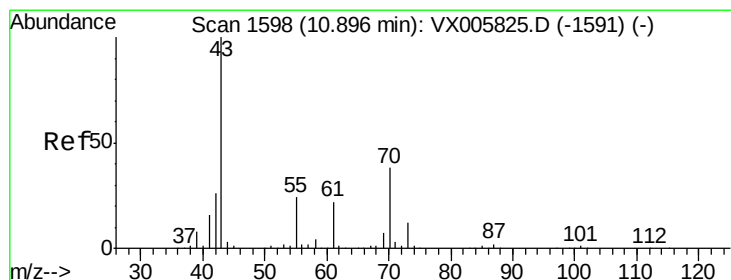
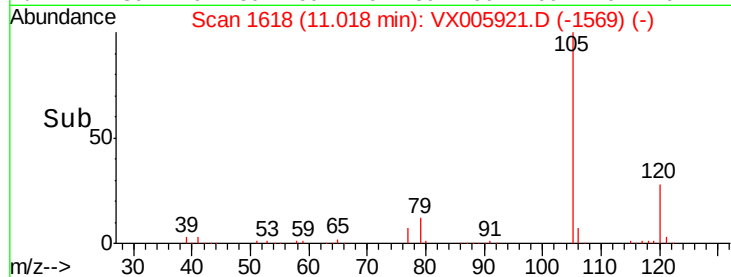
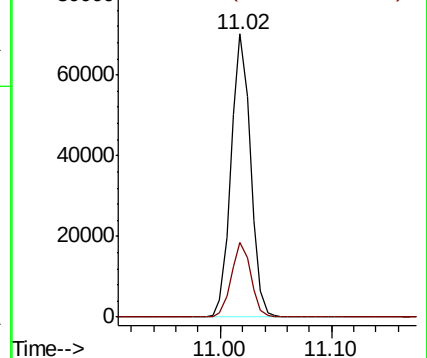
105 100

120 26.4 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.140 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX005921.D

Acq: 13 Nov 2018 01:19

Tgt Ion: 43 Resp: 40438

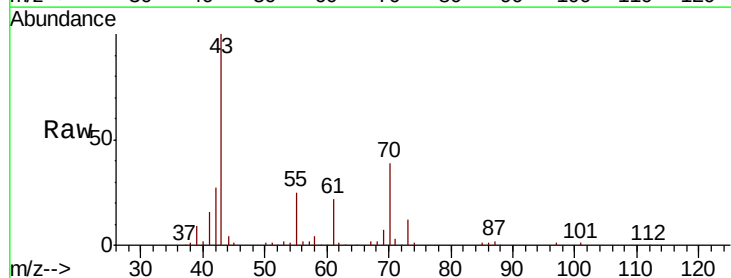
Ion Ratio Lower Upper

43 100

70 39.6 31.6 47.4

55 25.4 19.7 29.5

61 22.2 18.3 27.5

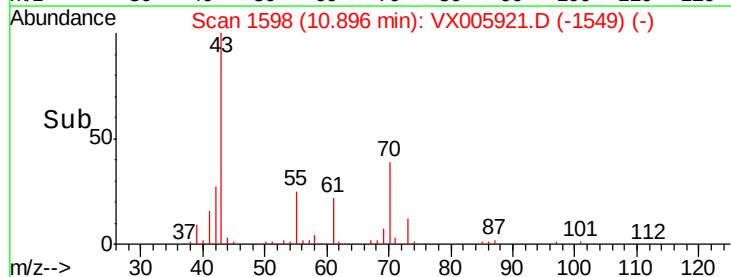
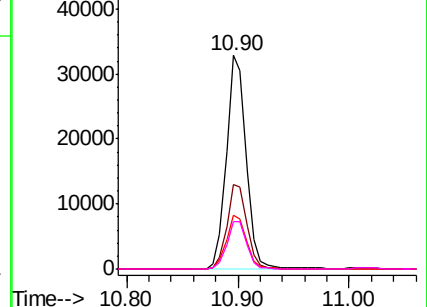


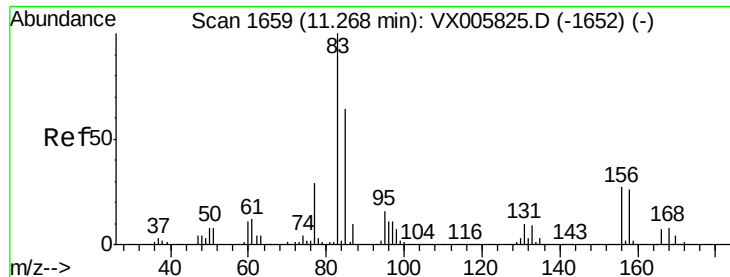
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.394 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005921.D

Acq: 13 Nov 2018 01:19

Instrument :

MSVOA_X

ClientSampleId :

VX1112WBS02

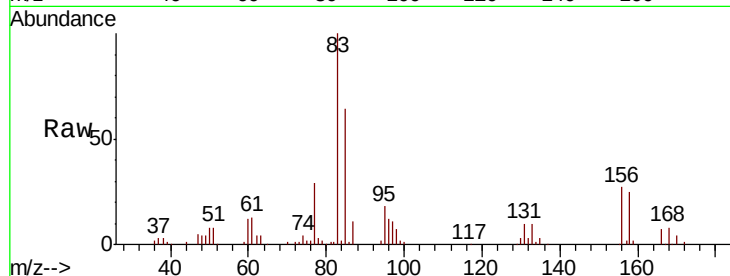
Tot Ion: 83 Resp: 29617

Ion Ratio Lower Upper

83 100

131 10.8 5.3 15.9

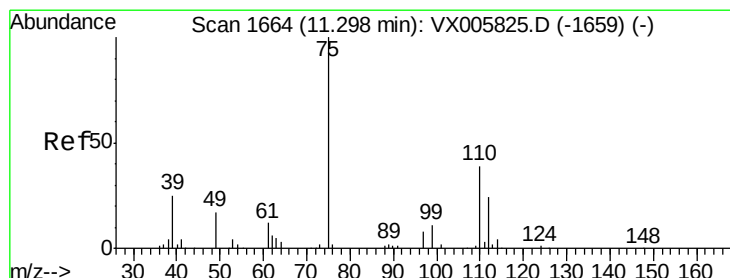
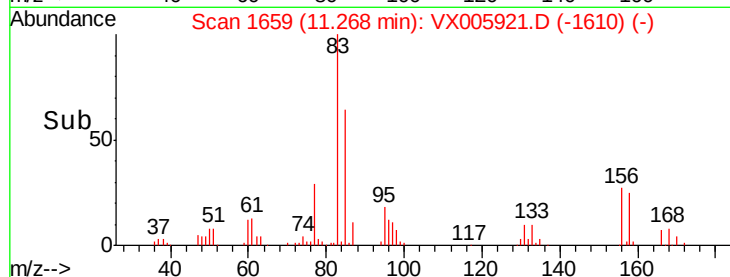
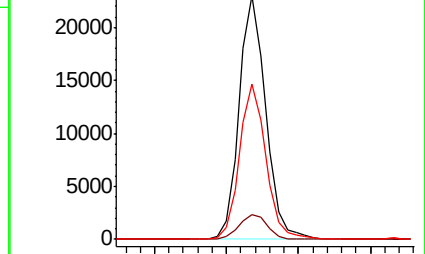
85 63.1 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX005825.D (-1652) (-)

Ion 130.80 (130.50 to 131.50): VX005825.D (-1652) (-)

Ion 84.90 (84.60 to 85.60): VX005825.D (-1652) (-)



#76

1,2,3-Trichloropropane

Concen: 23.323 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005921.D

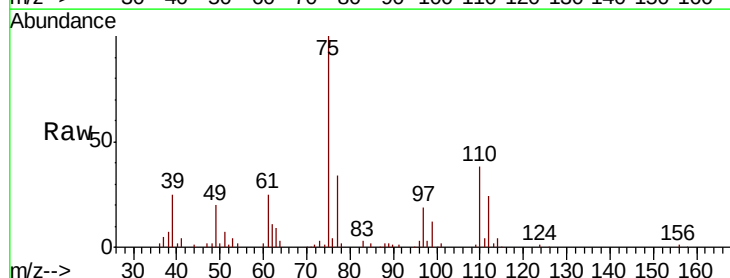
Acq: 13 Nov 2018 01:19

Tgt Ion: 75 Resp: 34168

Ion Ratio Lower Upper

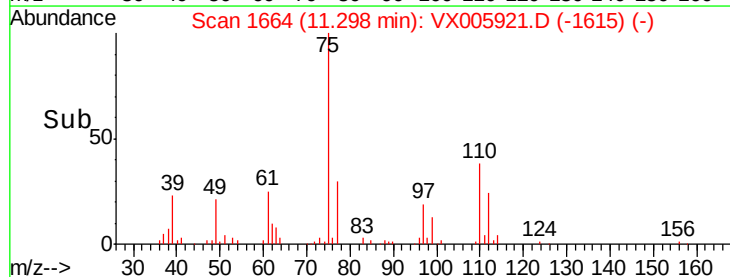
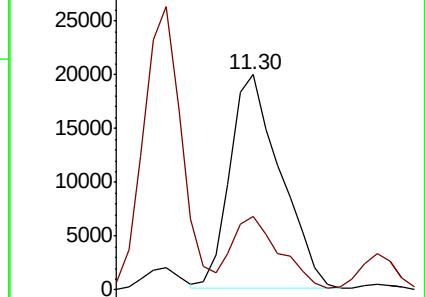
75 100

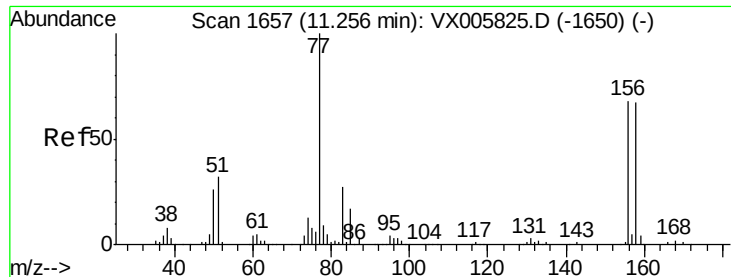
77 32.6 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX005825.D (-1659) (-)

Ion 77.00 (76.70 to 77.70): VX005825.D (-1659) (-)





#77

Bromobenzene

Concen: 19.707 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005921.D

Acq: 13 Nov 2018 01:19

Instrument :

MSVOA_X

ClientSampleId :

VX1112WBS02

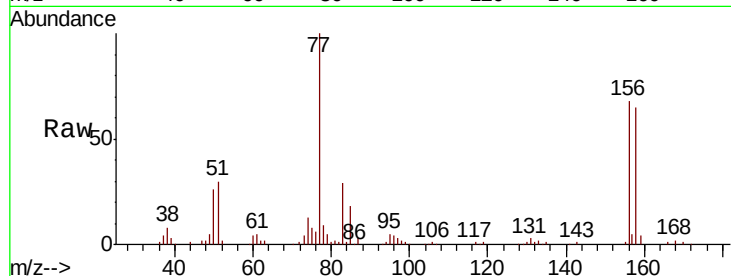
Tot Ion:156 Resp: 23110

Ion Ratio Lower Upper

156 100

77 148.2 74.8 224.4

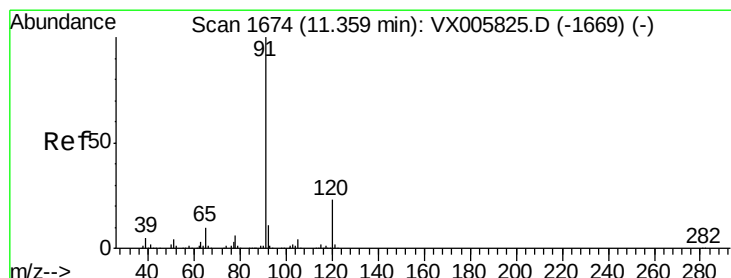
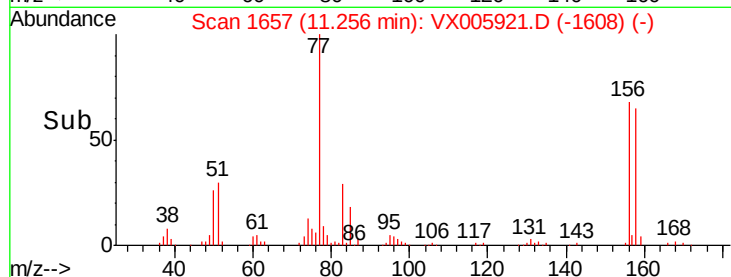
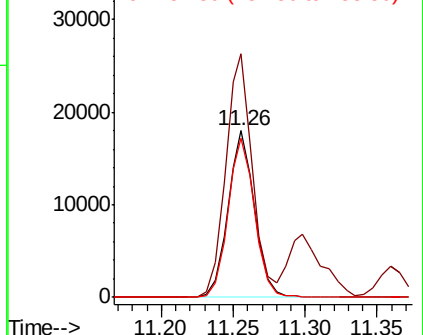
158 96.2 49.1 147.3



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: 19.892 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005921.D

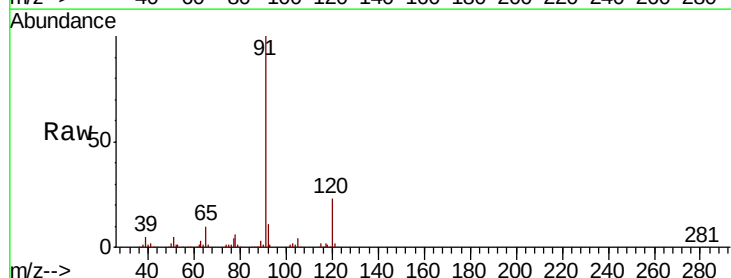
Acq: 13 Nov 2018 01:19

Tgt Ion: 91 Resp: 97539

Ion Ratio Lower Upper

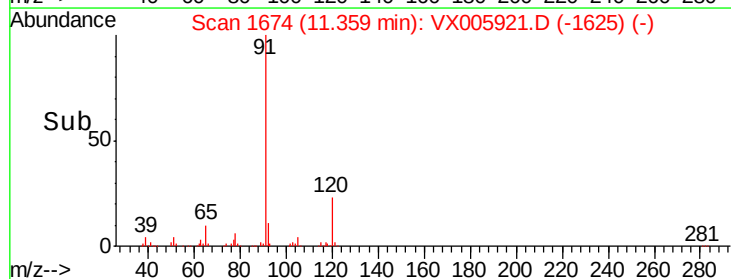
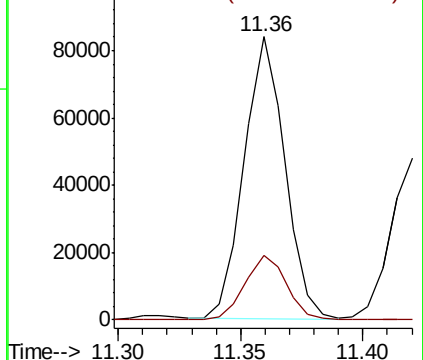
91 100

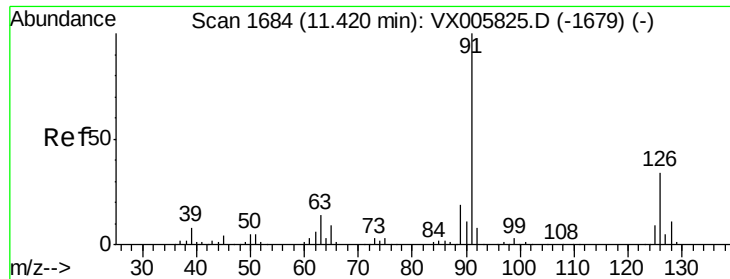
120 23.4 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.219 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005921.D

Acq: 13 Nov 2018 01:19

Instrument :

MSVOA_X

ClientSampleId :

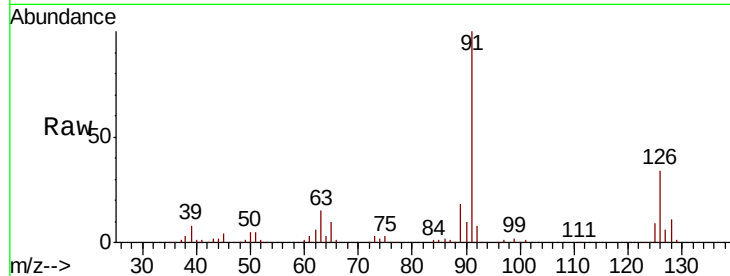
VX1112WBS02

Tot Ion: 91 Resp: 59924

Ion Ratio Lower Upper

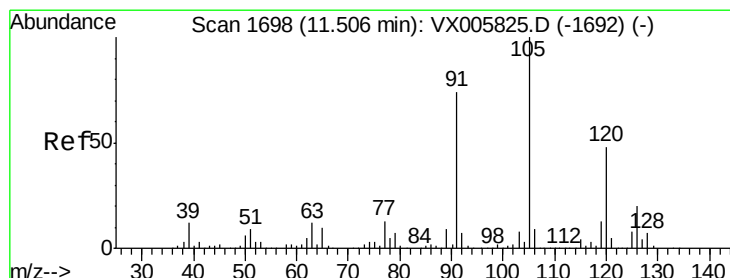
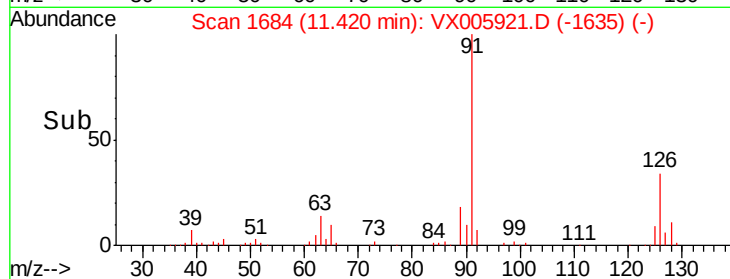
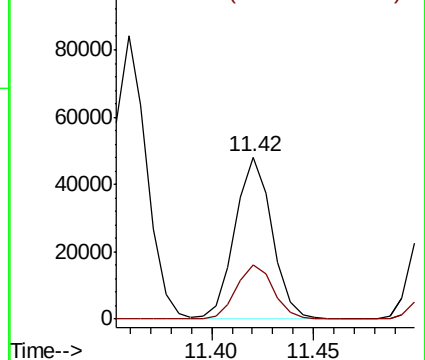
91 100

126 34.3 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: 20.553 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005921.D

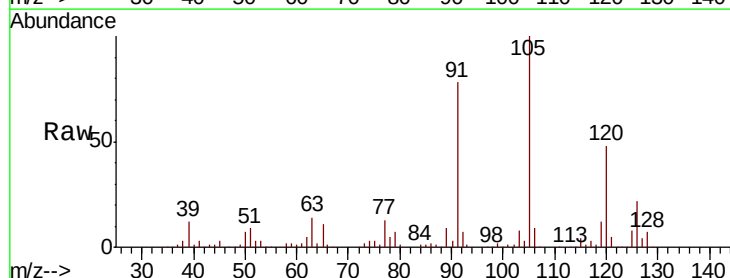
Acq: 13 Nov 2018 01:19

Tgt Ion: 105 Resp: 72667

Ion Ratio Lower Upper

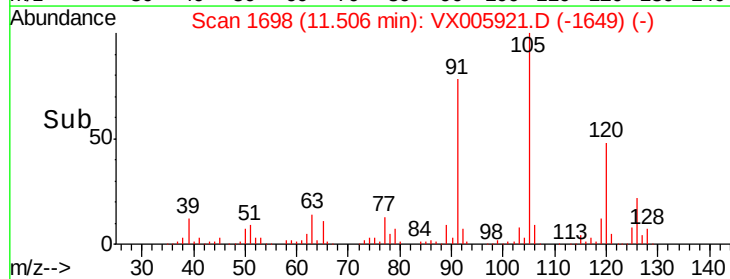
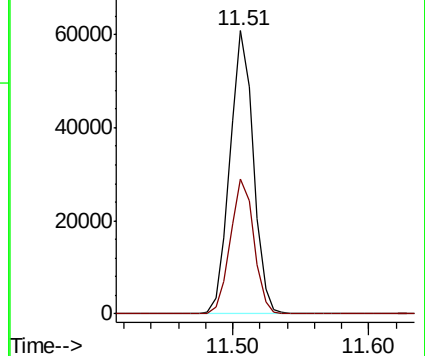
105 100

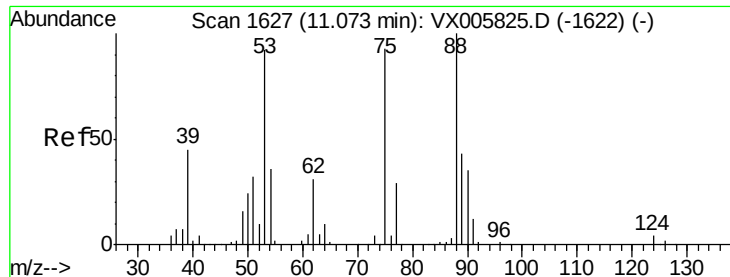
120 48.0 24.1 72.2



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: 17.144 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005921.D

Acq: 13 Nov 2018 01:19

Instrument :

MSVOA_X

ClientSampleId :

VX1112WBS02

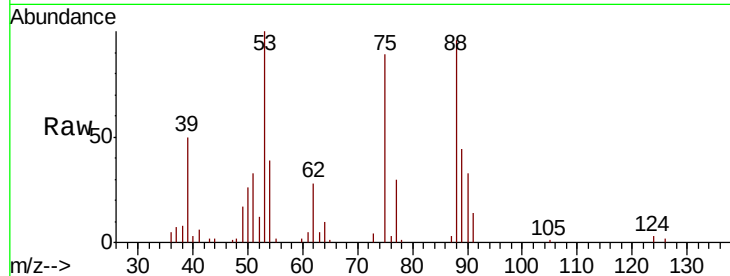
Tot Ion: 75 Resp: 7880

Ion Ratio Lower Upper

75 100

53 105.7 80.2 120.2

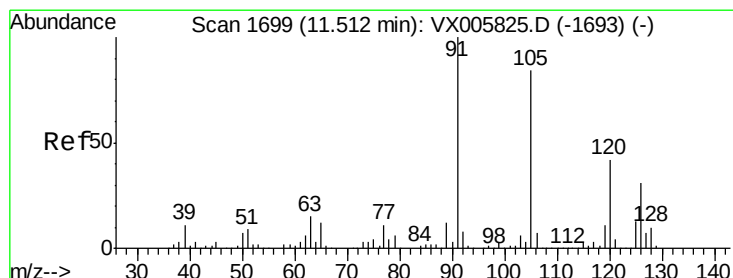
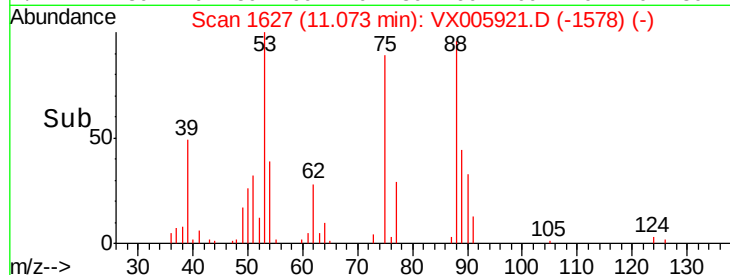
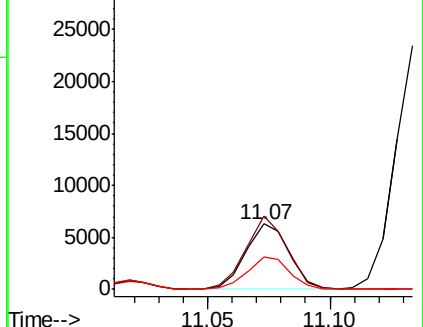
89 48.1 39.8 59.8



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: 19.952 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005921.D

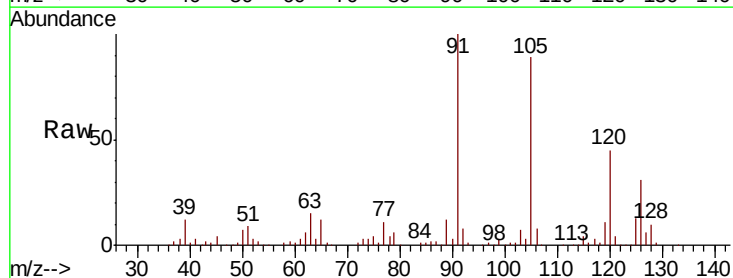
Acq: 13 Nov 2018 01:19

Tgt Ion: 91 Resp: 69690

Ion Ratio Lower Upper

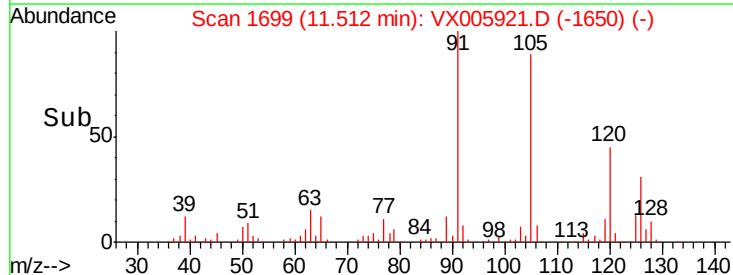
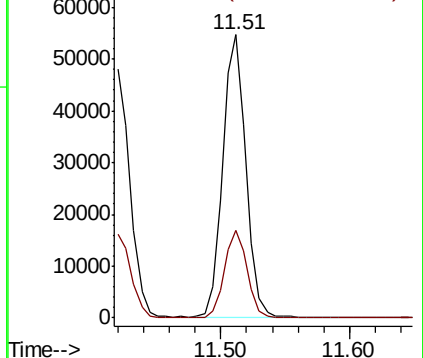
91 100

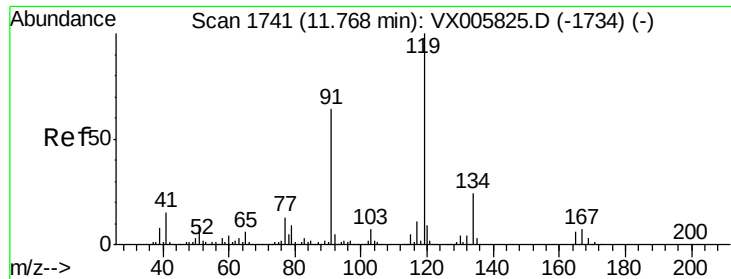
126 30.2 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

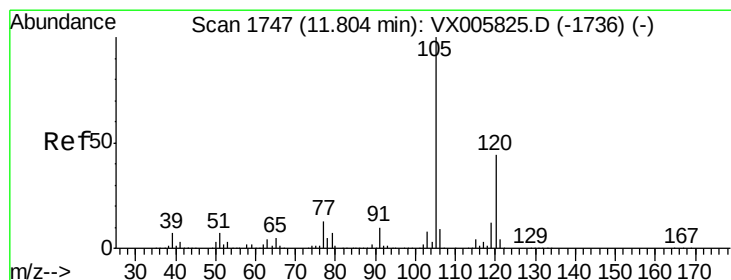
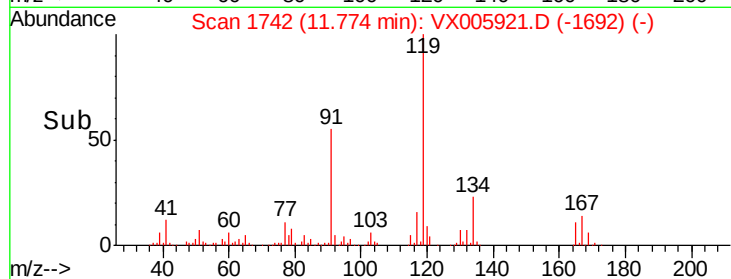
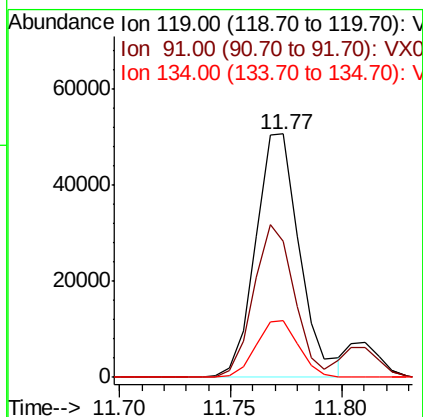
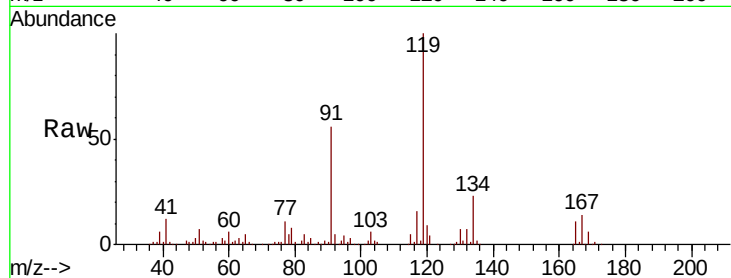




#83
 tert-Butylbenzene
 Concen: 19.555 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.01 min
 Lab File: VX005921.D
 Acq: 13 Nov 2018 01:19

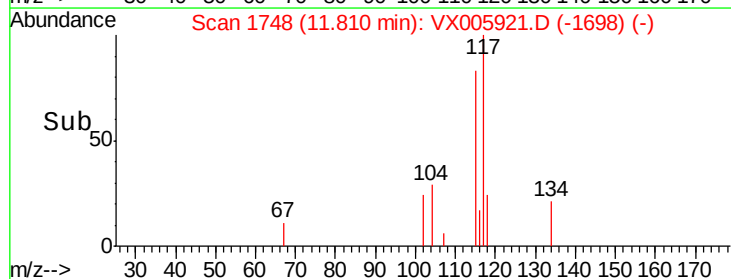
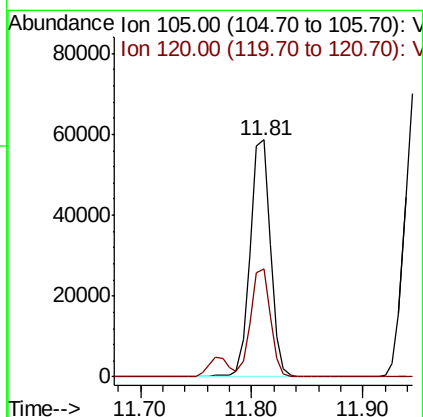
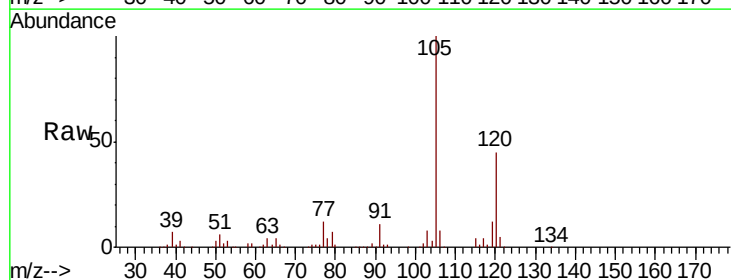
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112WBS02

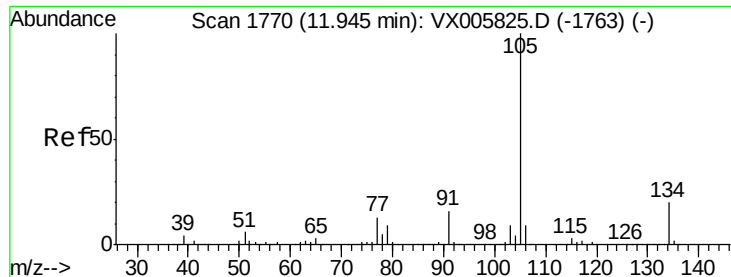
Tot Ion:119 Resp: 69945
 Ion Ratio Lower Upper
 119 100
 91 58.0 28.5 85.5
 134 22.7 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 19.053 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX005921.D
 Acq: 13 Nov 2018 01:19

Tgt Ion:105 Resp: 74633
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.4 67.0





#85

sec-Butylbenzene

Concen: 19.653 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005921.D

Acq: 13 Nov 2018 01:19

Instrument :

MSVOA_X

ClientSampleId :

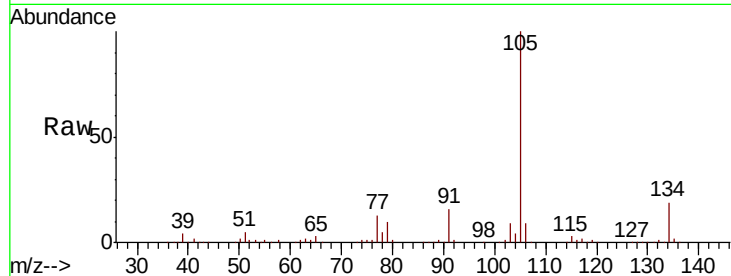
VX1112WBS02

Tot Ion:105 Resp: 85963

Ion Ratio Lower Upper

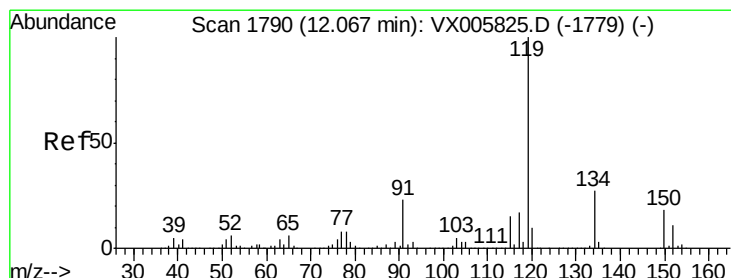
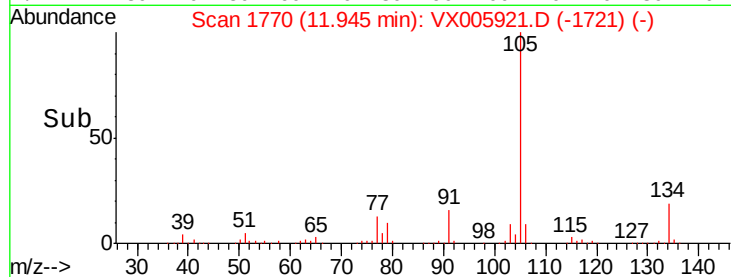
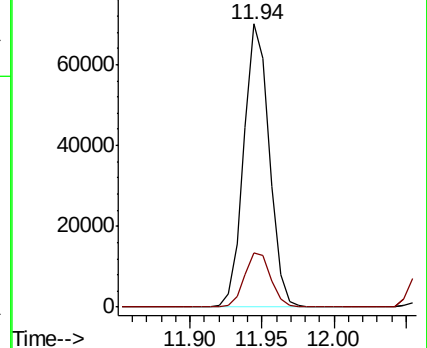
105 100

134 19.8 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: 19.893 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005921.D

Acq: 13 Nov 2018 01:19

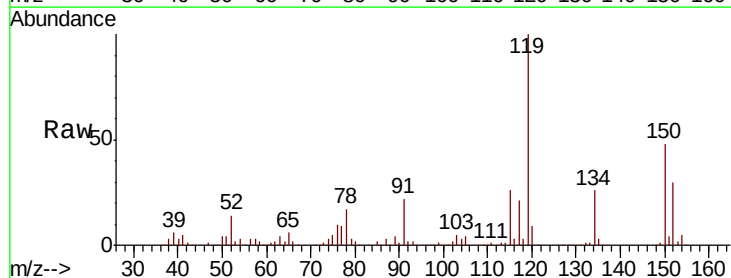
Tgt Ion:119 Resp: 77072

Ion Ratio Lower Upper

119 100

134 26.2 13.0 39.0

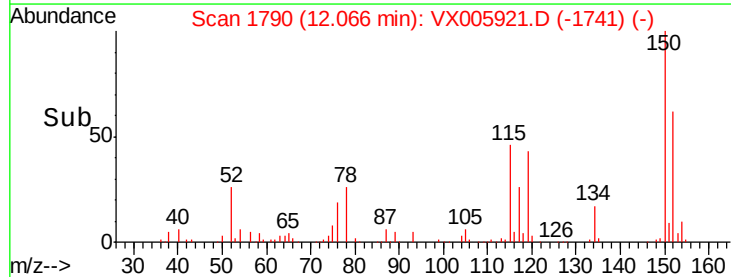
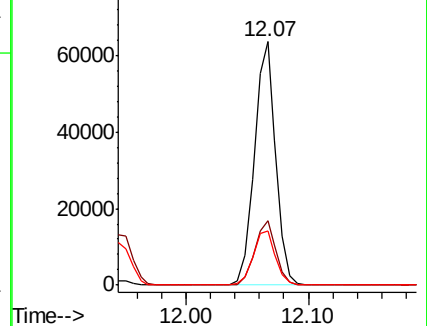
91 23.3 11.4 34.2

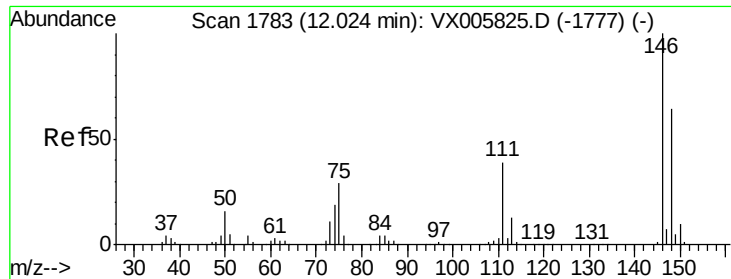


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

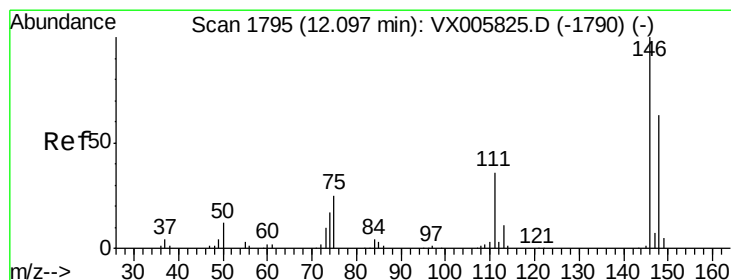
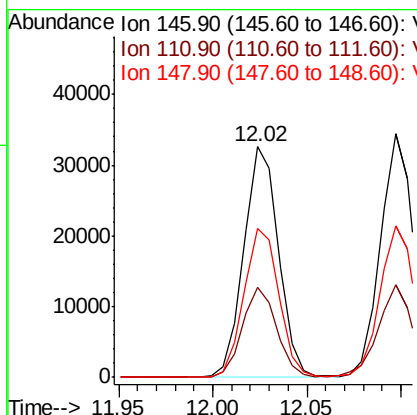
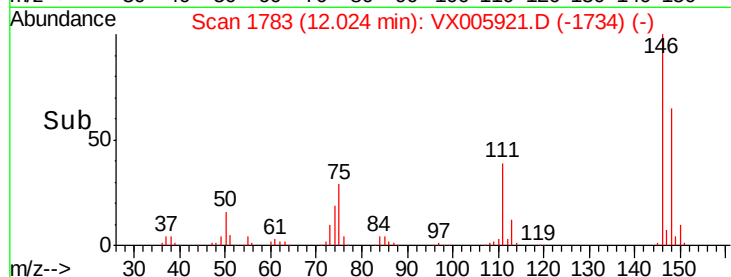
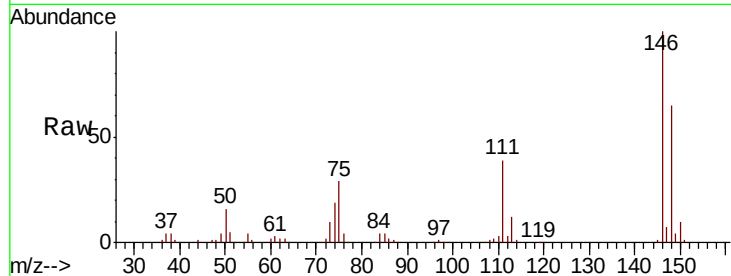




#87
 1,3-Dichlorobenzene
 Concen: 18.541 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005921.D
 Acq: 13 Nov 2018 01:19

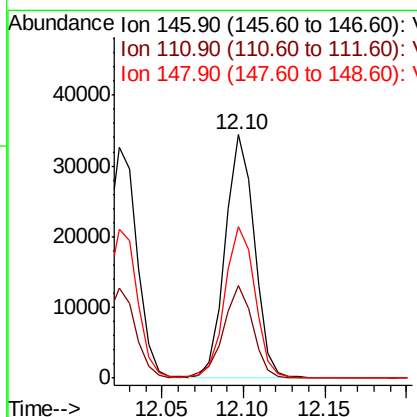
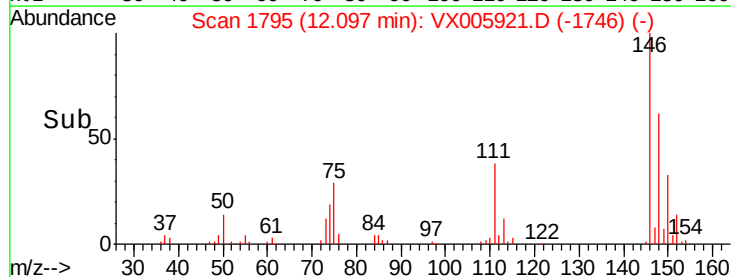
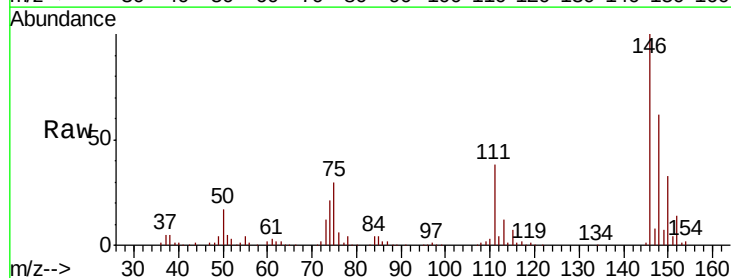
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112WBS02

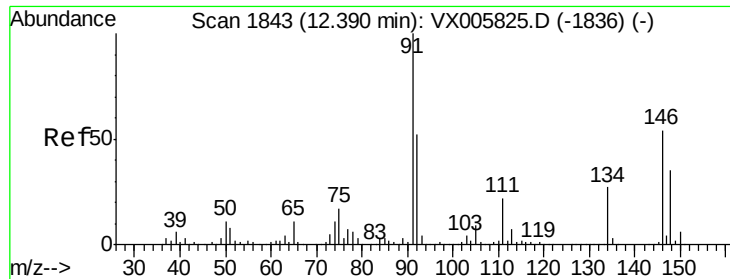
Tot Ion:146 Resp: 41727
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.0 57.0
 148 65.1 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 18.529 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005921.D
 Acq: 13 Nov 2018 01:19

Tgt Ion:146 Resp: 42689
 Ion Ratio Lower Upper
 146 100
 111 38.8 18.6 55.8
 148 64.5 32.1 96.3

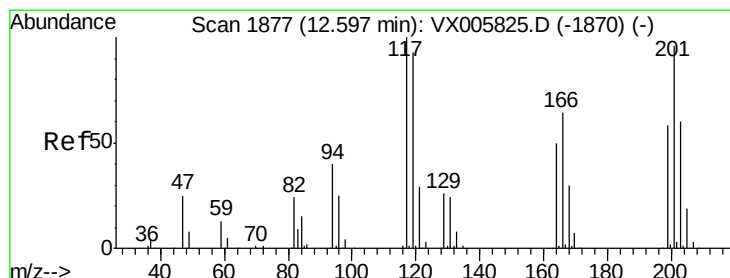
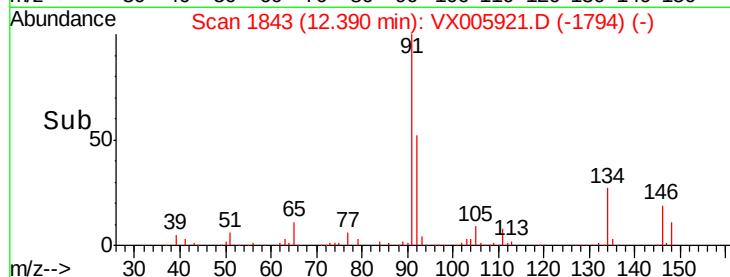
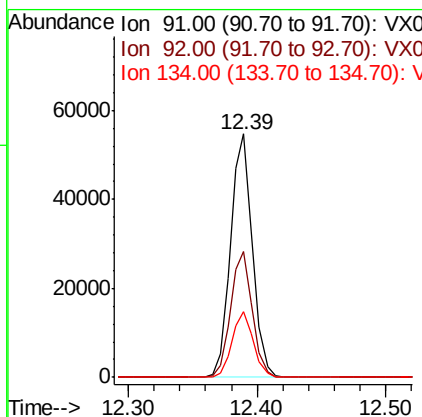
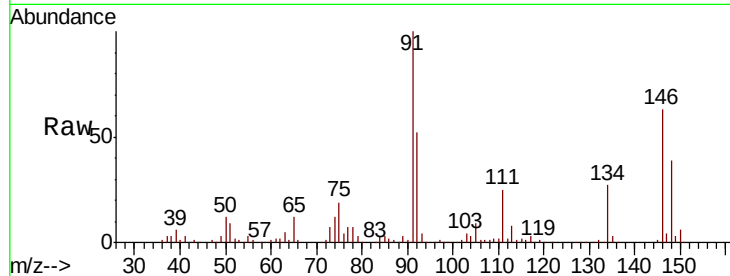




#89
n-Butylbenzene
Concen: 18.102 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005921.D
Acq: 13 Nov 2018 01:19

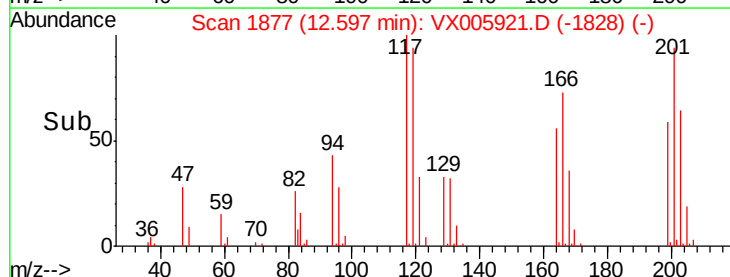
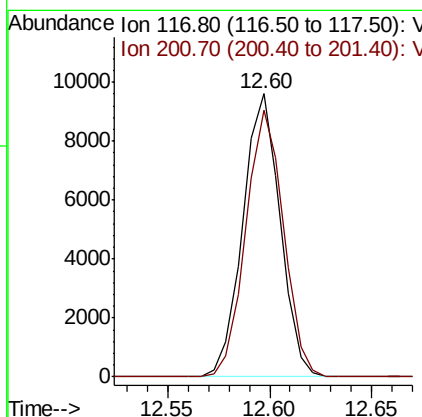
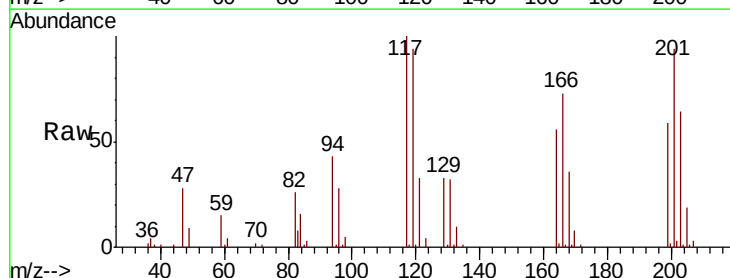
Instrument :
MSVOA_X
ClientSampled :
VX1112WBS02

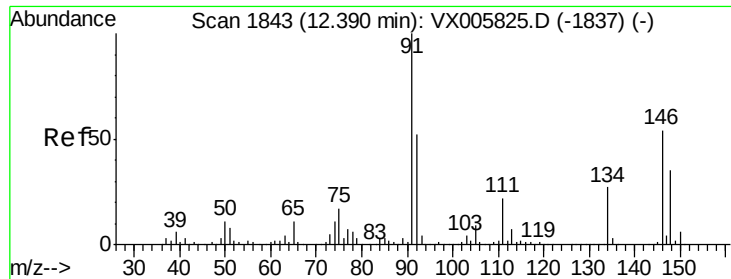
Tot Ion: 91 Resp: 65001
Ion Ratio Lower Upper
91 100
92 51.1 26.1 78.2
134 26.1 13.1 39.3



#90
Hexachloroethane
Concen: 18.833 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005921.D
Acq: 13 Nov 2018 01:19

Tgt Ion: 117 Resp: 12182
Ion Ratio Lower Upper
117 100
201 95.7 47.9 143.6

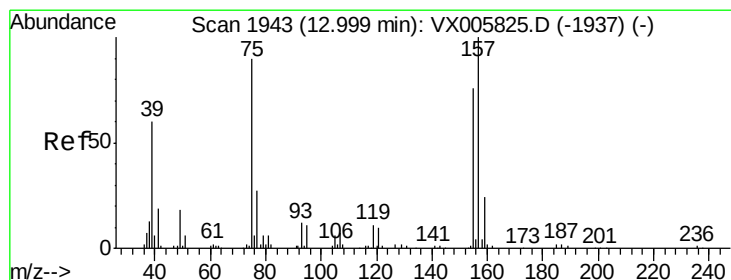
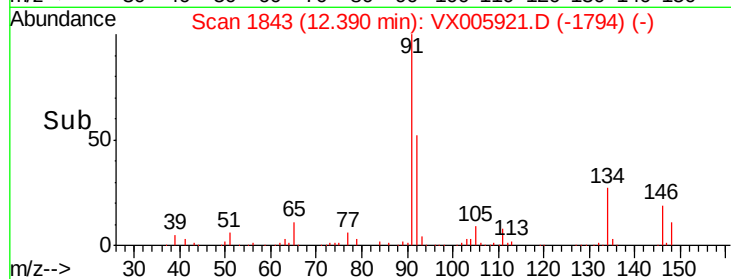
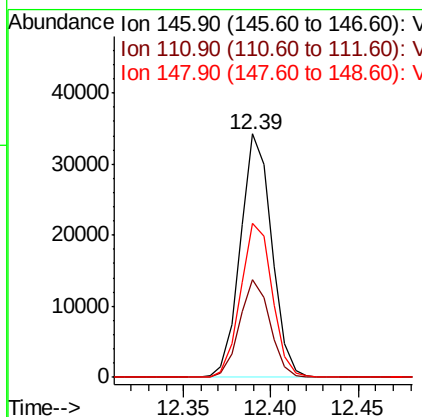
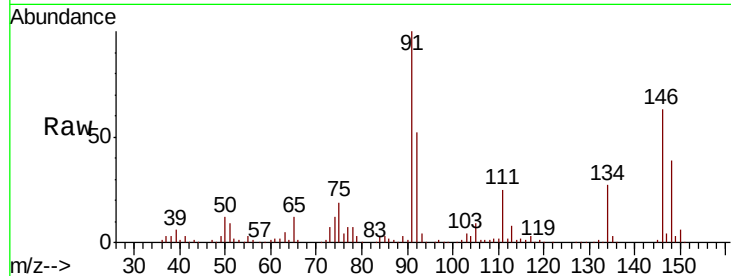




#91
 1,2-Dichlorobenzene
 Concen: 18.858 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005921.D
 Acq: 13 Nov 2018 01:19

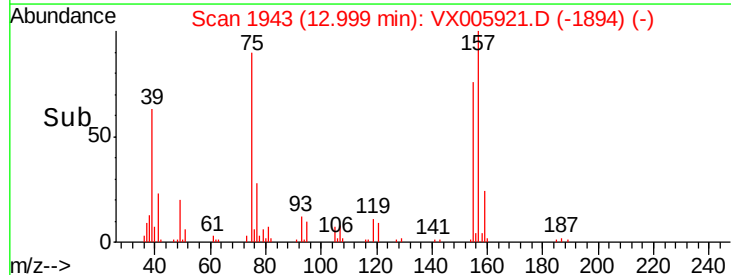
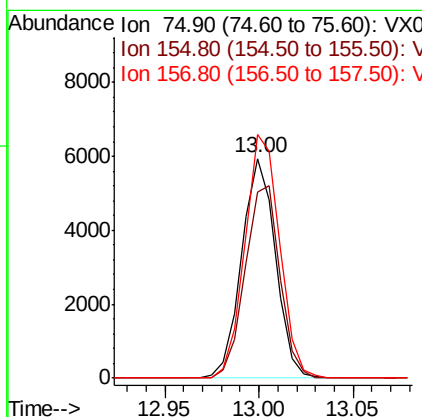
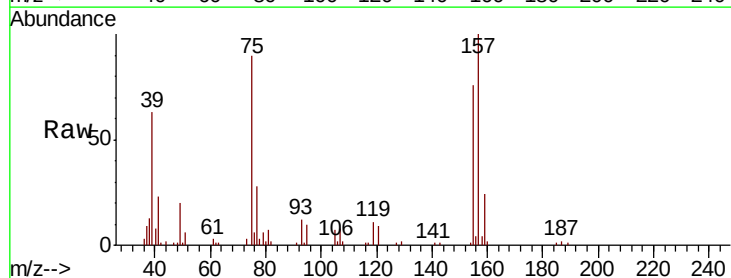
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112WBS02

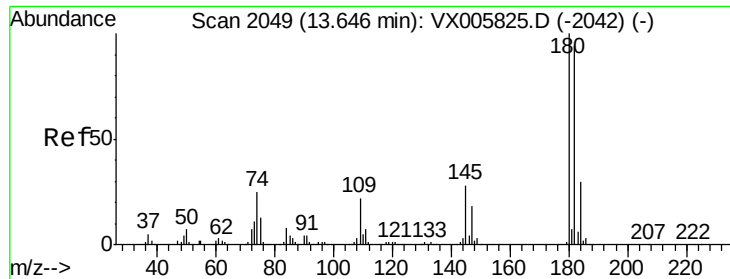
Tot Ion:146 Resp: 42516
 Ion Ratio Lower Upper
 146 100
 111 39.3 20.0 59.9
 148 64.3 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.871 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005921.D
 Acq: 13 Nov 2018 01:19

Tgt Ion: 75 Resp: 7405
 Ion Ratio Lower Upper
 75 100
 155 89.7 45.4 136.1
 157 113.7 57.4 172.0

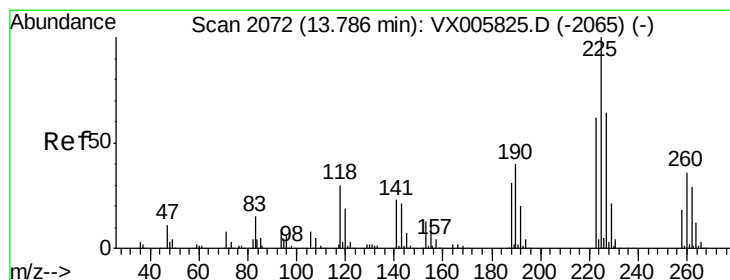
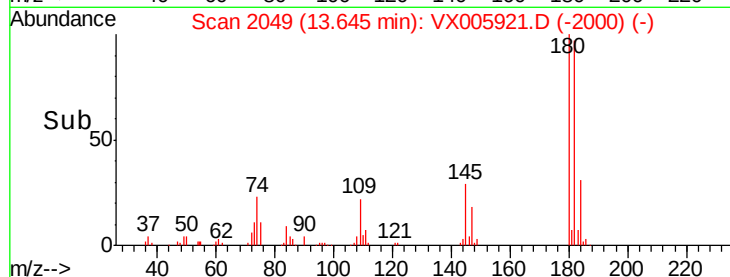
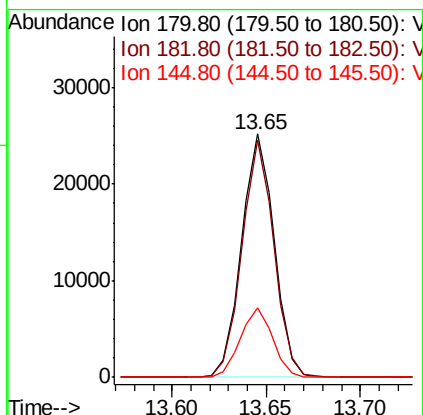
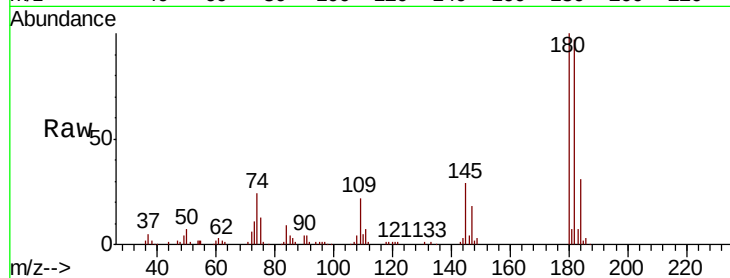




#93
 1,2,4-Trichlorobenzene
 Concen: 19.021 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005921.D
 Acq: 13 Nov 2018 01:19

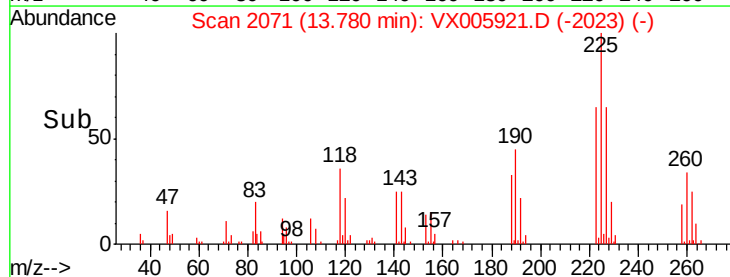
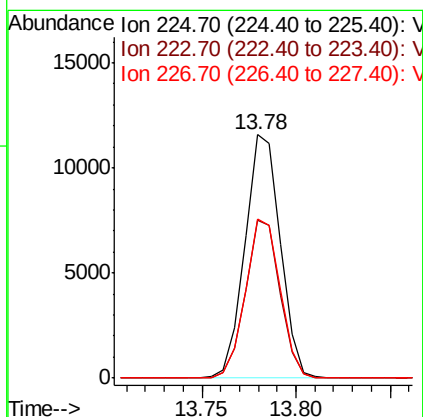
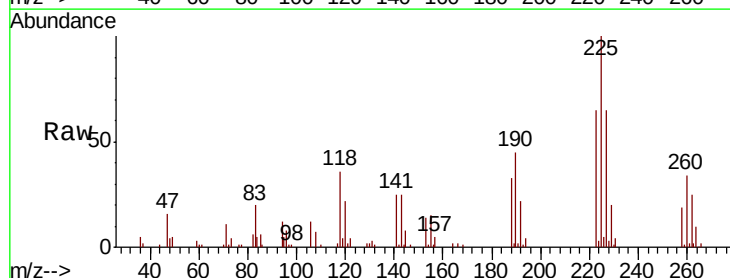
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112WBS02

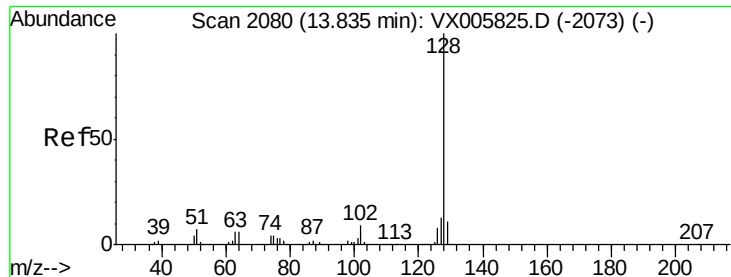
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.6	142.8
145	28.4	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 18.078 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX005921.D
 Acq: 13 Nov 2018 01:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.7	95.1
227	64.2	32.3	96.9

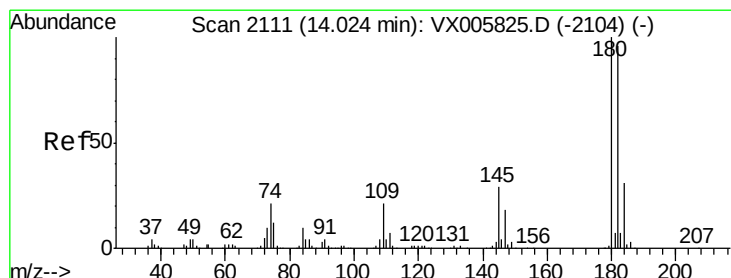
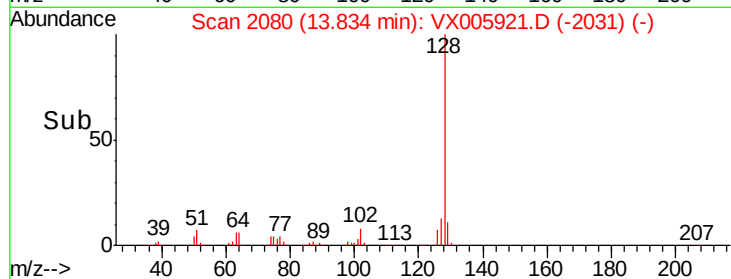
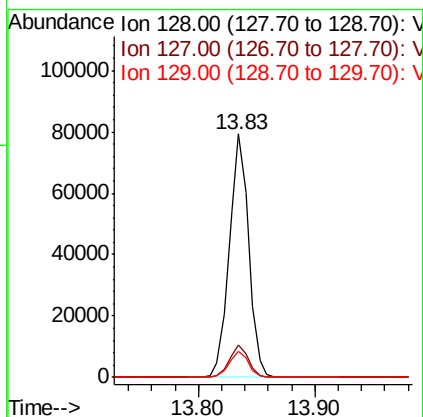
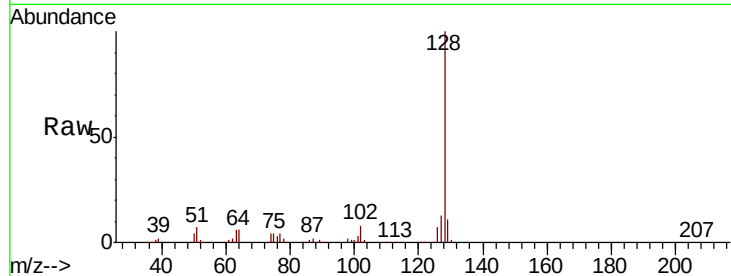




#95
Naphthalene
Concen: 18.473 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005921.D
Acq: 13 Nov 2018 01:19

Instrument :
MSVOA_X
ClientSampled :
VX1112WBS02

Tot Ion:128 Resp: 91682
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.645 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX005921.D
Acq: 13 Nov 2018 01:19

Tgt Ion:180 Resp: 31766
Ion Ratio Lower Upper
180 100
182 94.8 48.0 144.2
145 30.3 15.1 45.3

