

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110118\
 Data File : VX005725.D
 Acq On : 01 Nov 2018 13:24
 Operator : JC/MD
 Sample : VX1101WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 01 14:35:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	132391	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	224862	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	189081	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	95588	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	88346	45.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.28%	
35) Dibromofluoromethane	5.50	113	66906	42.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.94%	
50) Toluene-d8	8.71	98	242290	44.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.74%	
62) 4-Bromofluorobenzene	11.14	95	86551	42.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	31644	20.690	ug/l	99
3) Chloromethane	1.32	50	33729	18.697	ug/l	98
4) Vinyl Chloride	1.40	62	36440	19.416	ug/l	100
5) Bromomethane	1.64	94	32812	14.089	ug/l	99
6) Chloroethane	1.72	64	22029	20.088	ug/l	93
7) Trichlorofluoromethane	1.93	101	46574	19.333	ug/l	100
8) Diethyl Ether	2.19	74	20206	18.660	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	28219	19.284	ug/l	92
10) Methyl Iodide	2.51	142	22844	17.356	ug/l	99
11) Tert butyl alcohol	3.07	59	50029	95.175	ug/l	100
12) 1,1-Dichloroethene	2.37	96	26652	18.691	ug/l	90
13) Acrolein	2.29	56	31375	91.540	ug/l	99
14) Allyl chloride	2.73	41	53774	18.238	ug/l #	94
15) Acrylonitrile	3.15	53	104836	90.697	ug/l	97
16) Acetone	2.45	43	100133	94.826	ug/l	96
17) Carbon Disulfide	2.57	76	77466	17.679	ug/l	98
18) Methyl Acetate	2.78	43	48182	17.345	ug/l	93
19) Methyl tert-butyl Ether	3.20	73	97666	19.787	ug/l	99
20) Methylene Chloride	2.85	84	31907	19.116	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	28512	18.897	ug/l	93
22) Diisopropyl ether	3.87	45	103618	18.945	ug/l	95
23) Vinyl Acetate	3.82	43	457080	95.945	ug/l	96
24) 1,1-Dichloroethane	3.70	63	55617	17.983	ug/l	99
25) 2-Butanone	4.70	43	150890	92.413	ug/l	98
26) 2,2-Dichloropropane	4.58	77	44365	19.190	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	31902	18.816	ug/l	96
28) Bromochloromethane	5.01	49	30611	20.288	ug/l	93
29) Tetrahydrofuran	5.16	42	94215	94.538	ug/l	91
30) Chloroform	5.21	83	58921	19.486	ug/l	92
31) Cyclohexane	5.57	56	48415	18.720	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	47787	19.747	ug/l	95
36) 1,1-Dichloropropene	5.80	75	41721	17.415	ug/l	99
37) Ethyl Acetate	4.85	43	54070	17.691	ug/l	98
38) Carbon Tetrachloride	5.77	117	38545	17.808	ug/l	90

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 ClientSampleId :

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	46762	18.716	ug/l	96
40) Benzene	6.15	78	129406	18.156	ug/l	93
41) Methacrylonitrile	5.06	41	29529	17.880	ug/l	95
42) 1,2-Dichloroethane	6.20	62	47113	17.883	ug/l	98
43) Isopropyl Acetate	6.46	43	77232	17.410	ug/l	95
44) Trichloroethene	7.21	130	30008	18.204	ug/l	98
45) 1,2-Dichloropropane	7.52	63	33986	18.607	ug/l	98
46) Dibromomethane	7.66	93	21386	18.321	ug/l	90
47) Bromodichloromethane	7.90	83	38577	17.619	ug/l	96
48) Methyl methacrylate	7.77	41	38453	17.909	ug/l	94
49) 1,4-Dioxane	7.75	88	18273	382.194	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	271237	89.669	ug/l	98
52) Toluene	8.79	92	71407	18.523	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	42599	17.953	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	48769	19.184	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	30016	17.929	ug/l	99
56) Ethyl methacrylate	9.18	69	46729	18.101	ug/l	96
57) 1,3-Dichloropropane	9.37	76	52747	18.341	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	143245	95.413	ug/l	95
59) 2-Hexanone	9.49	43	212725	86.416	ug/l	96
60) Dibromochloromethane	9.58	129	28821	17.815	ug/l	99
61) 1,2-Dibromoethane	9.67	107	30943	18.138	ug/l	100
64) Tetrachloroethene	9.33	164	27485	19.897	ug/l	97
65) Chlorobenzene	10.14	112	77223	19.219	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	26660	19.382	ug/l	97
67) Ethyl Benzene	10.25	91	136075	19.844	ug/l	98
68) m/p-Xylenes	10.36	106	102025	40.040	ug/l	96
69) o-Xylene	10.70	106	48670	19.971	ug/l	96
70) Styrene	10.71	104	81025	20.017	ug/l	98
71) Bromoform	10.86	173	20683	18.559	ug/l #	100
73) Isopropylbenzene	11.02	105	133852	21.225	ug/l	99
74) N-amyl acetate	10.90	43	65816	19.603	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	51299	19.607	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	58509	24.576	ug/l	86
77) Bromobenzene	11.26	156	32278	20.633	ug/l	89
78) n-propylbenzene	11.36	91	160000	20.856	ug/l	96
79) 2-Chlorotoluene	11.42	91	95102	20.756	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	112272	20.967	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	14466	19.632	ug/l	96
82) 4-Chlorotoluene	11.51	91	111957	20.467	ug/l	96
83) tert-Butylbenzene	11.77	119	106837	20.911	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	116118	21.475	ug/l	98
85) sec-Butylbenzene	11.94	105	135162	20.624	ug/l	98
86) p-Isopropyltoluene	12.07	119	115917	20.797	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	59051	19.522	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	60876	18.734	ug/l	97
89) n-Butylbenzene	12.39	91	109425	19.458	ug/l	97
90) Hexachloroethane	12.60	117	19036	19.250	ug/l	81
91) 1,2-Dichlorobenzene	12.40	146	59973	18.978	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	11712	19.086	ug/l	88

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Quant Title : SW846 8260
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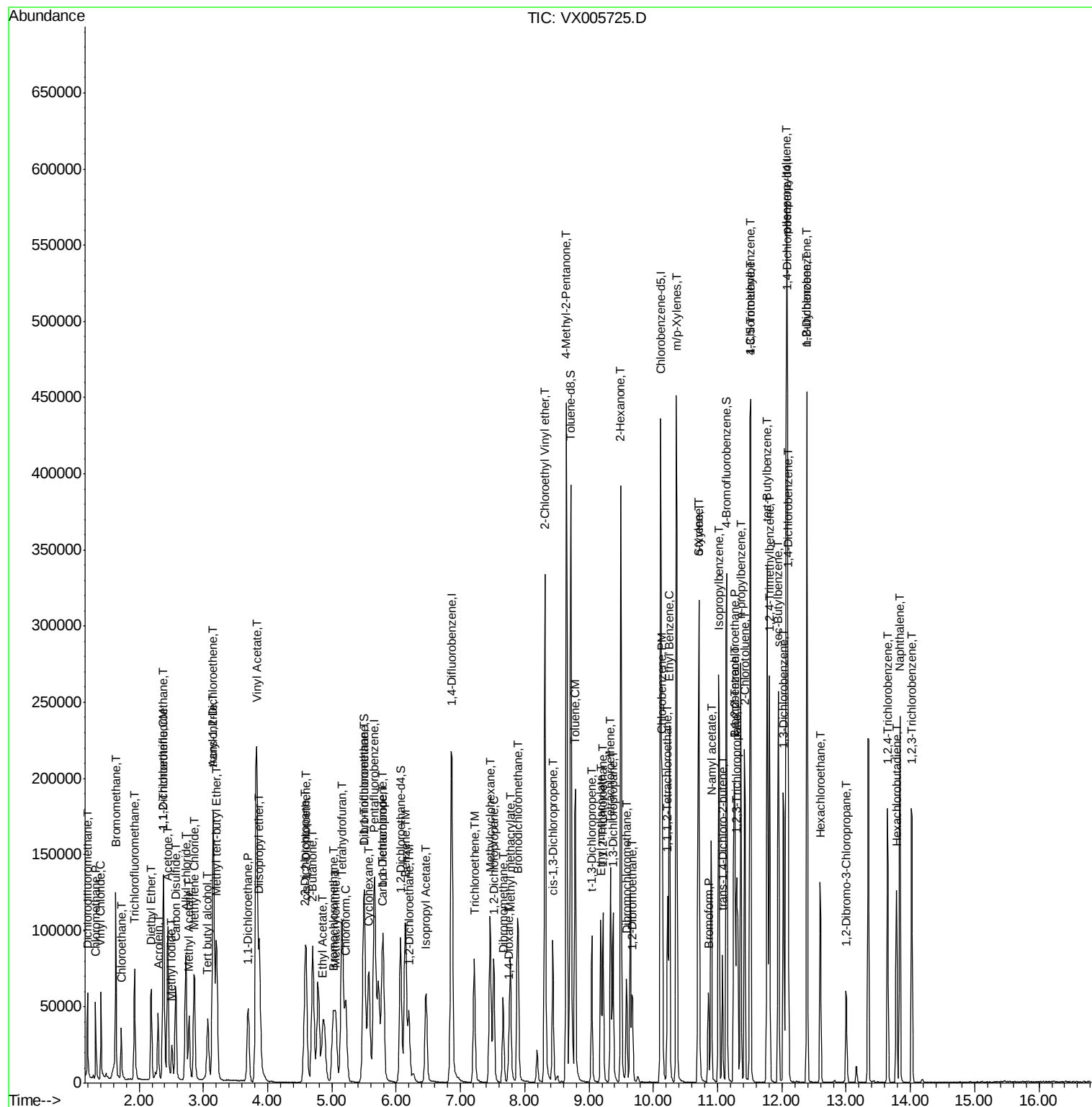
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	39872	19.672	ug/l	98
94) Hexachlorobutadiene	13.79	225	18955	19.332	ug/l	97
95) Naphthalene	13.83	128	139607	20.945	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	41745	20.231	ug/l	99

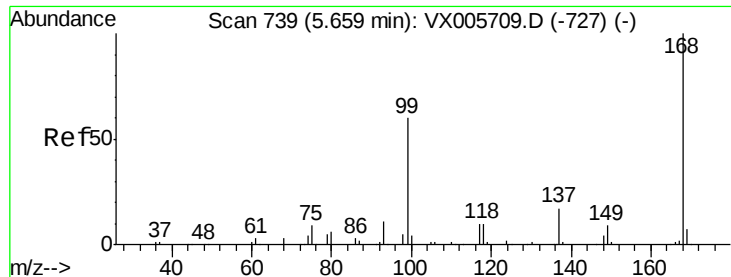
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Instrument :

MSVOA_X

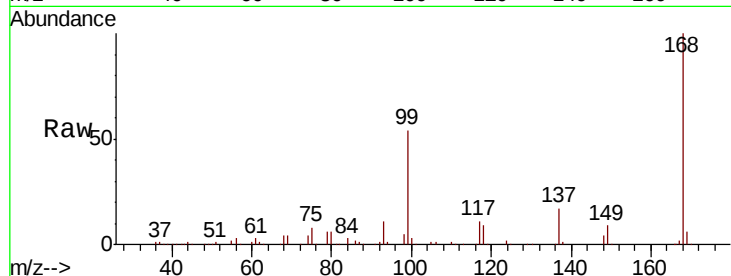
ClientSampleId :

Tot Ion:168 Resp: 132391

Ion Ratio Lower Upper

168 100

99 54.1 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

40000

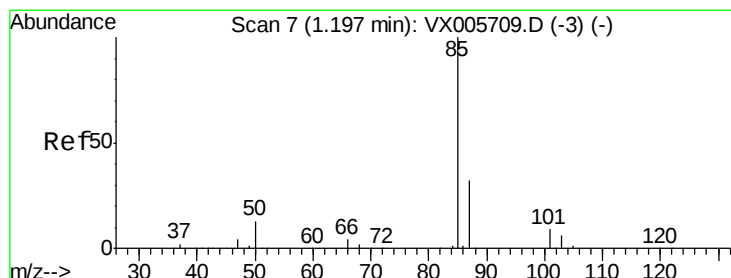
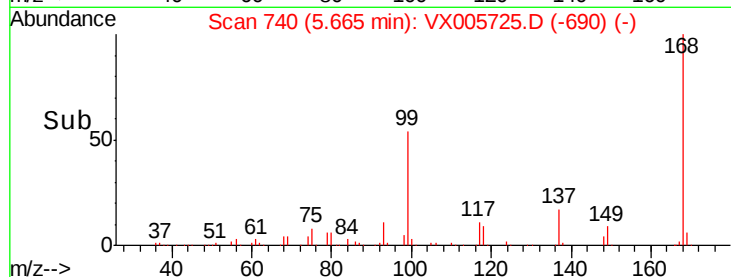
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.690 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005725.D

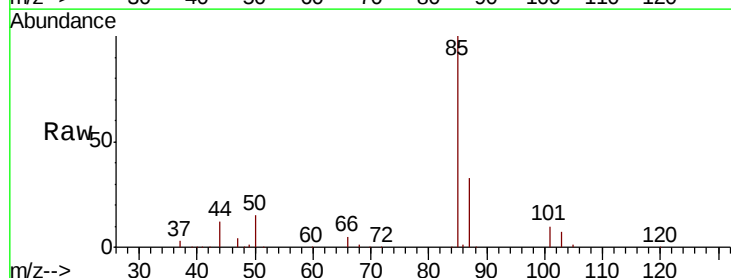
Acq: 01 Nov 2018 13:24

Tgt Ion: 85 Resp: 31644

Ion Ratio Lower Upper

85 100

87 33.1 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

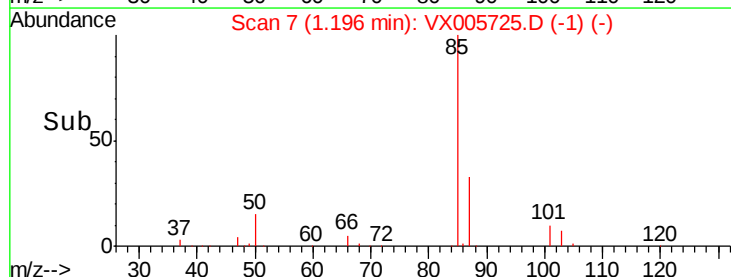
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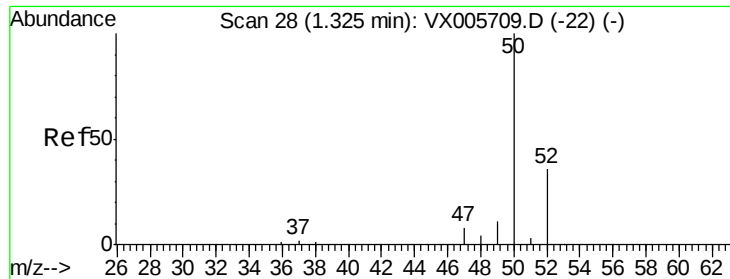
20000

10000

0

Time--> 1.15 1.20 1.25 1.30

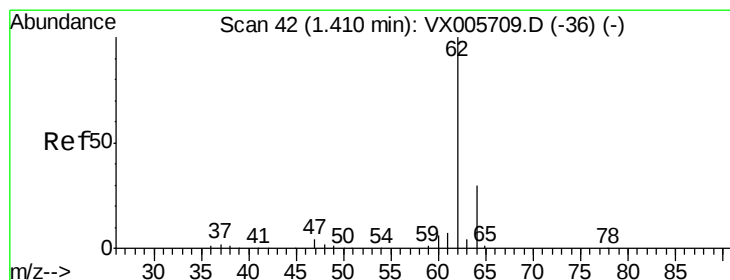
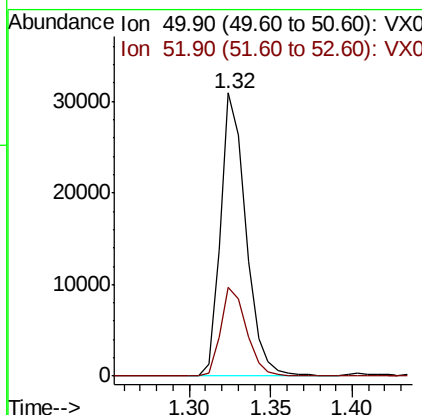
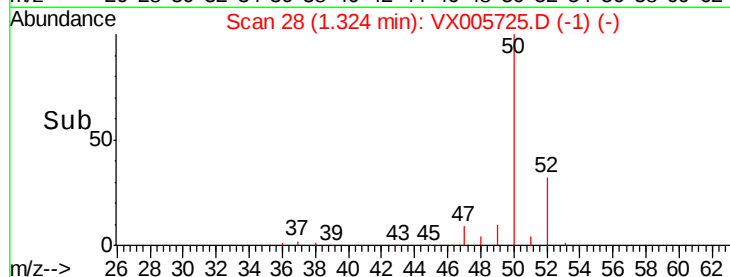
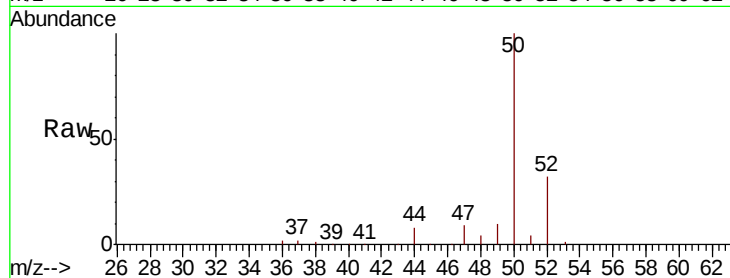




#3
 Chloromethane
 Concen: 18.697 ug/l
 RT: 1.32 min Scan# 28
 Delta R.T. -0.00 min
 Lab File: VX005725.D
 Acq: 01 Nov 2018 13:24

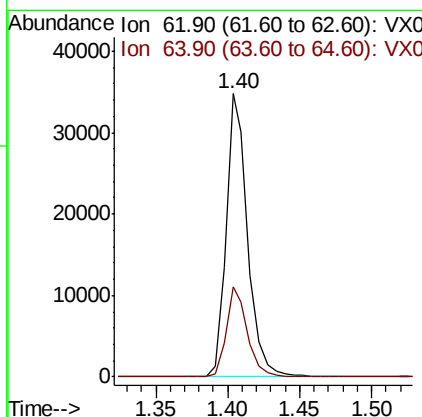
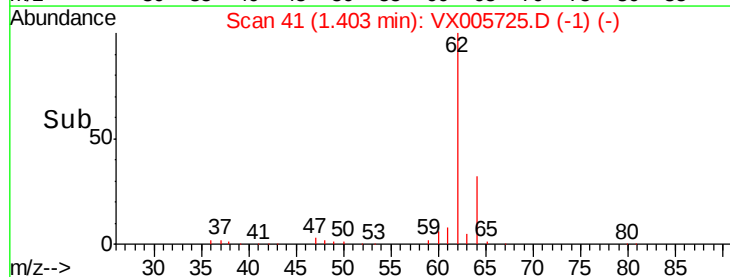
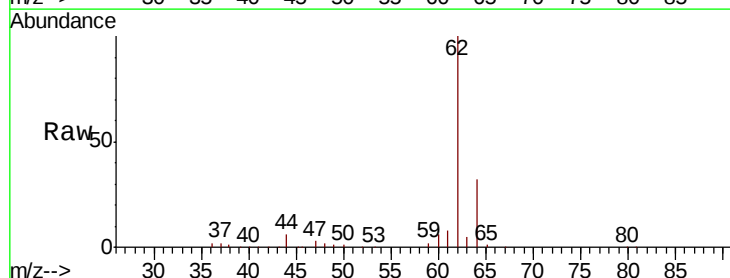
Instrument :
 MSVOA_X
 ClientSampleId :

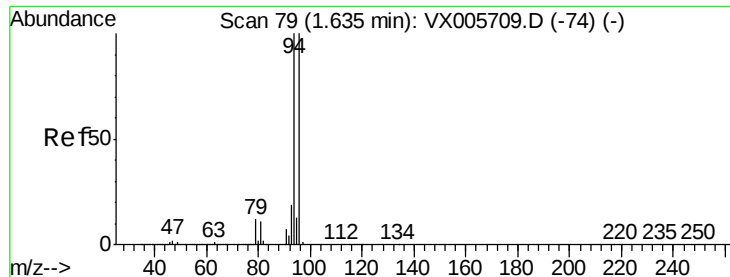
Tot Ion: 50 Resp: 33729
 Ion Ratio Lower Upper
 50 100
 52 31.5 26.2 39.2



#4
 Vinyl Chloride
 Concen: 19.416 ug/l
 RT: 1.40 min Scan# 41
 Delta R.T. -0.01 min
 Lab File: VX005725.D
 Acq: 01 Nov 2018 13:24

Tgt Ion: 62 Resp: 36440
 Ion Ratio Lower Upper
 62 100
 64 31.8 25.3 37.9





#5

Bromomethane

Concen: 14.089 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Instrument :

MSVOA_X

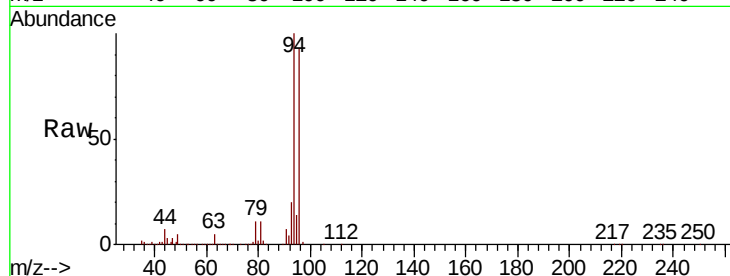
ClientSampleId :

Tot Ion: 94 Resp: 32812

Ion Ratio Lower Upper

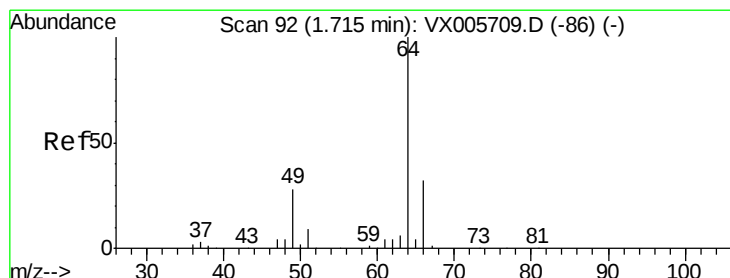
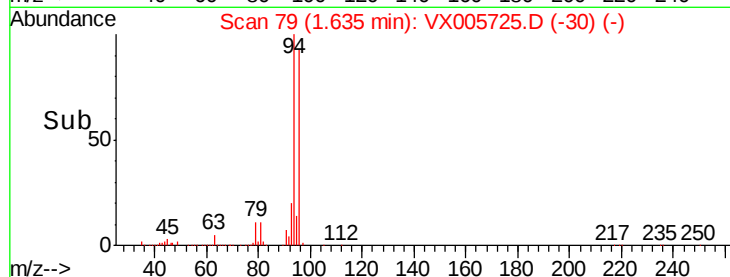
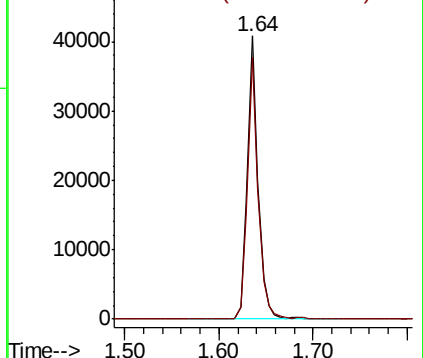
94 100

96 92.6 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.088 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005725.D

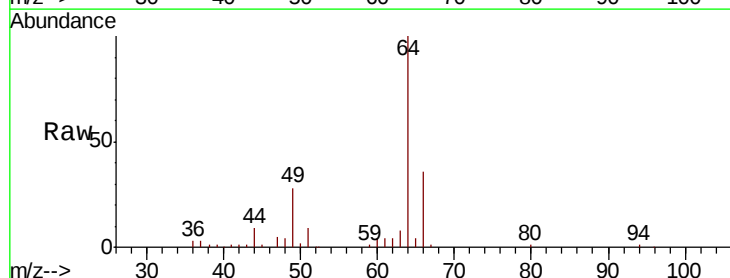
Acq: 01 Nov 2018 13:24

Tgt Ion: 64 Resp: 22029

Ion Ratio Lower Upper

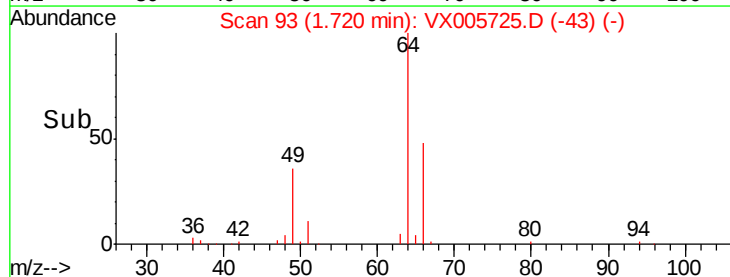
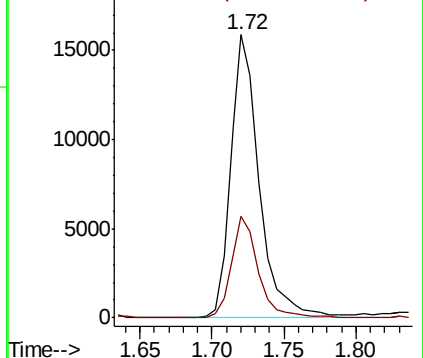
64 100

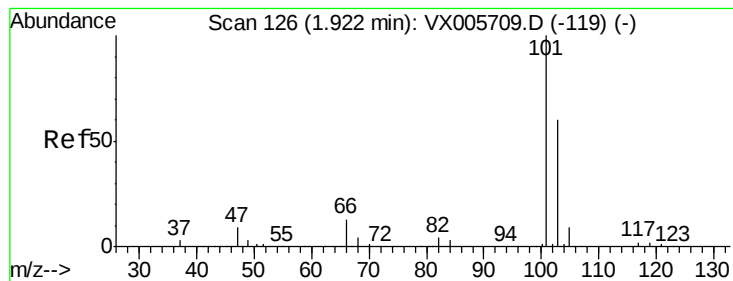
66 36.0 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 19.333 ug/l

RT: 1.93 min Scan# 127

Delta R.T. 0.01 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

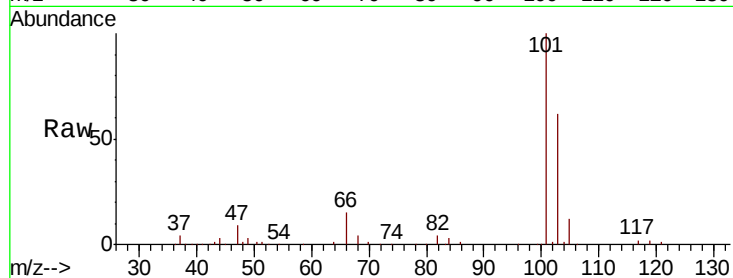
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:101 Resp: 46574

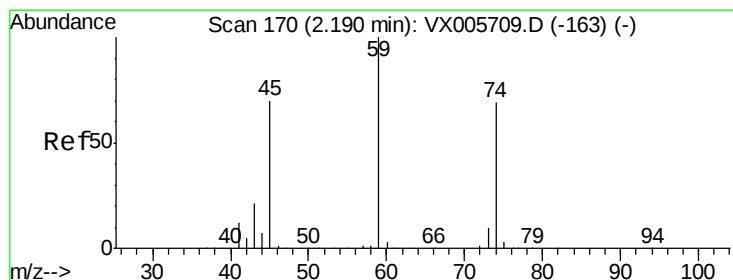
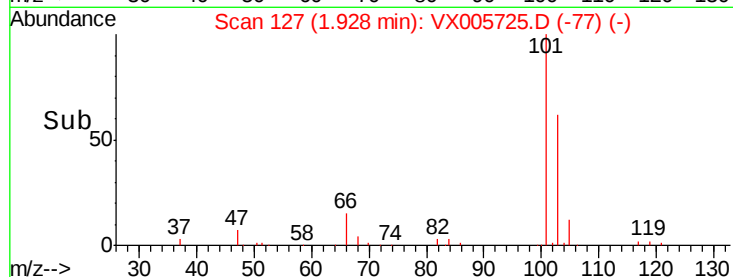
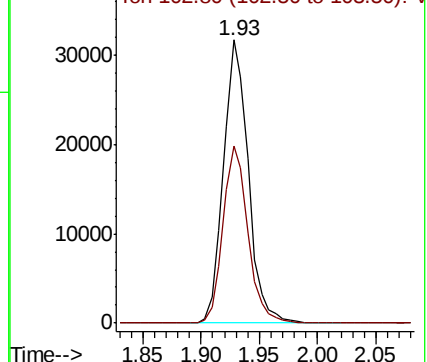
Ion Ratio Lower Upper

101 100

103 62.4 50.0 75.0



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 18.660 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX005725.D

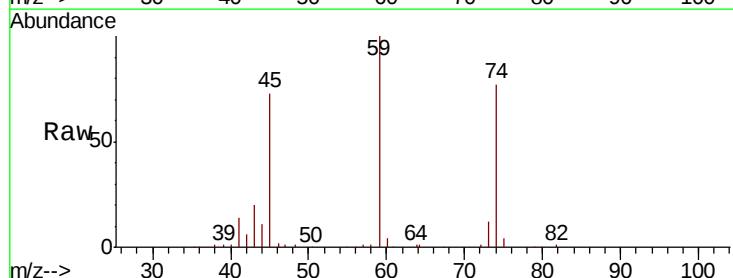
Acq: 01 Nov 2018 13:24

Tgt Ion: 74 Resp: 20206

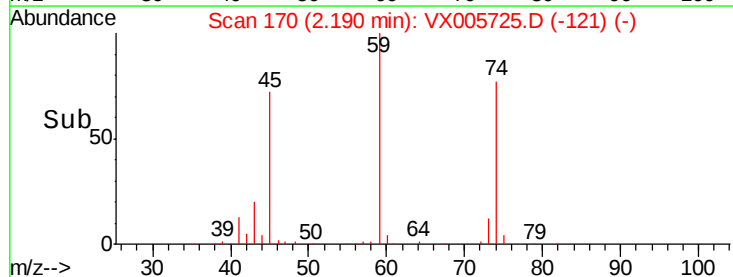
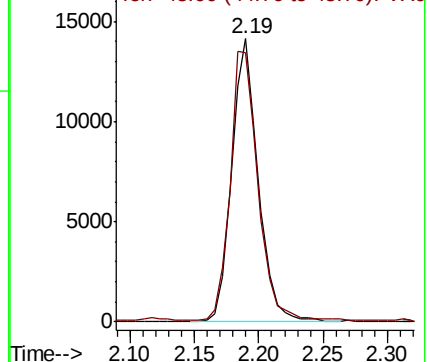
Ion Ratio Lower Upper

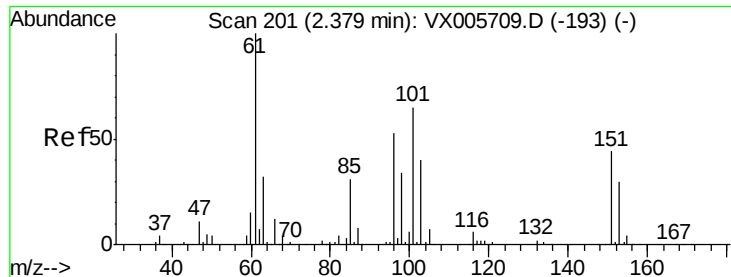
74 100

45 100.4 54.1 162.3



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.284 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Instrument :

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ClientSampleId :

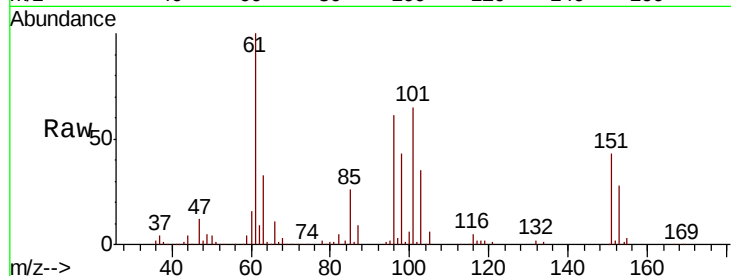
Tot Ion:101 Resp: 28219

Ion Ratio Lower Upper

101 100

85 45.3 35.0 52.4

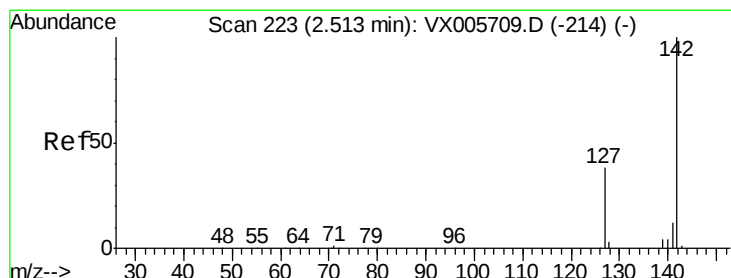
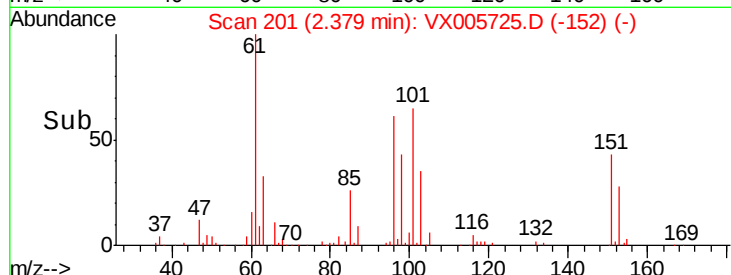
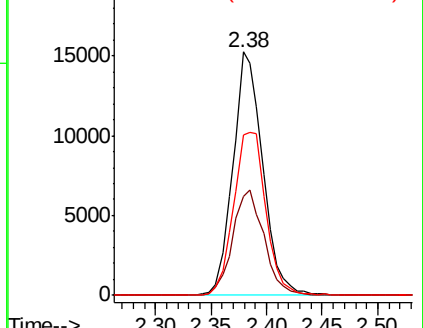
151 72.9 66.2 99.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.356 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

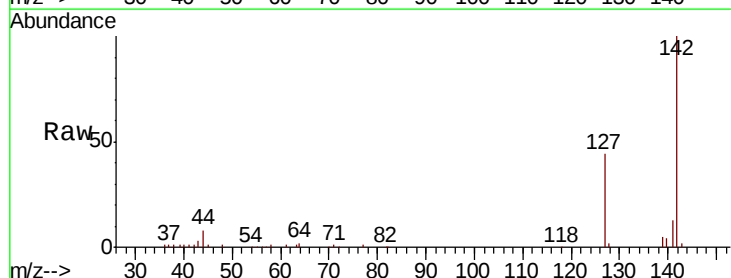
Tgt Ion:142 Resp: 22844

Ion Ratio Lower Upper

142 100

127 44.5 36.0 54.0

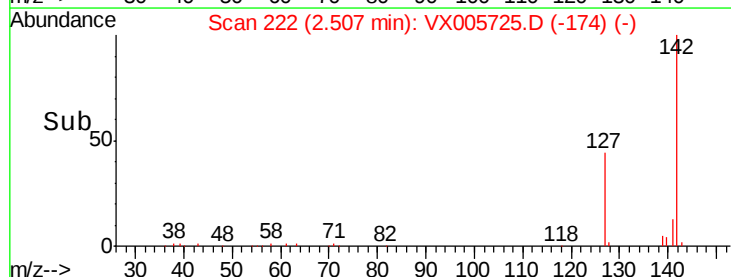
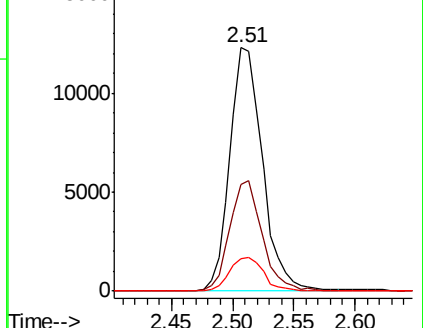
141 14.2 11.7 17.5

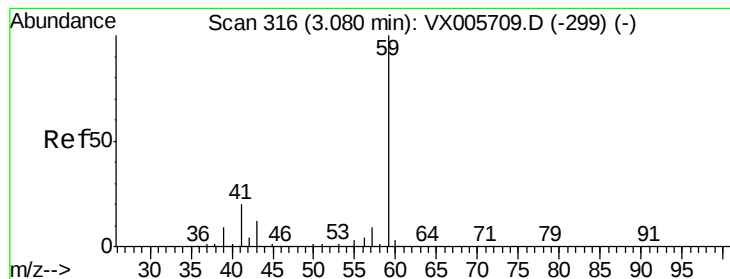


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



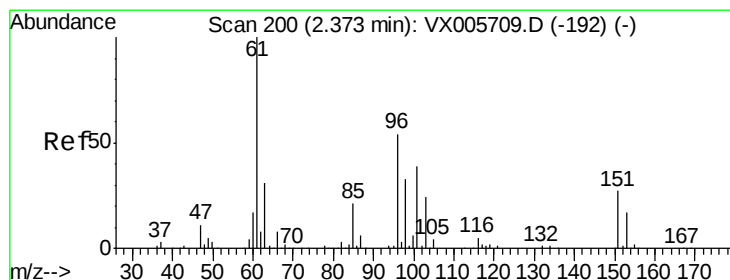
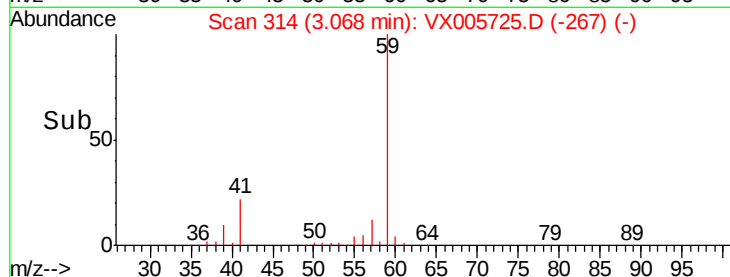
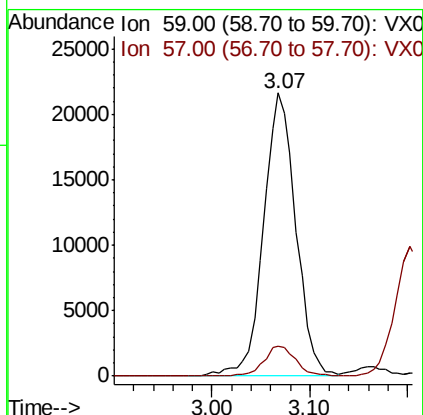
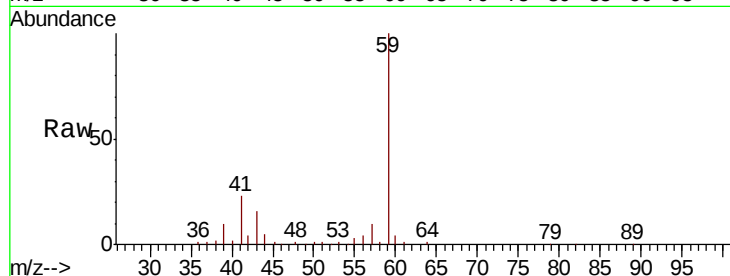


#11

Tert butyl alcohol
 Concen: 95.175 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX005725.D
 Acq: 01 Nov 2018 13:24

Instrument :
 MSVOA_X
 ClientSampleId :

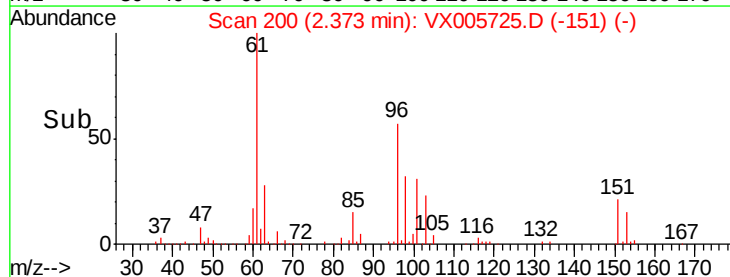
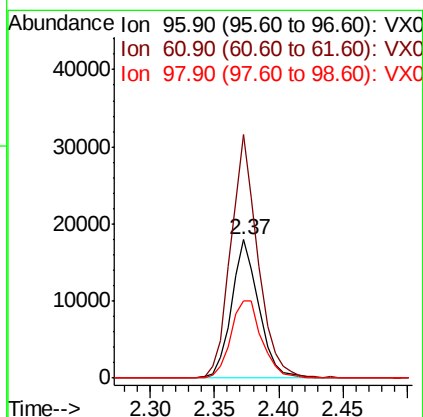
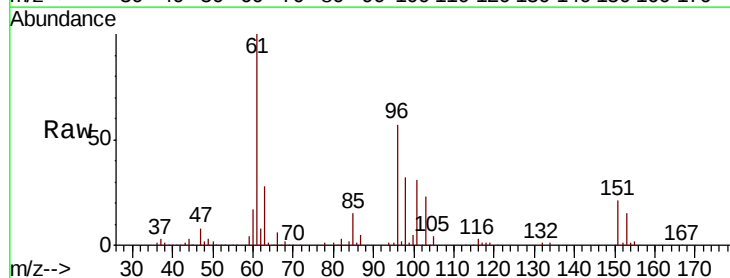
Tot Ion: 59 Resp: 50029
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.5 12.7

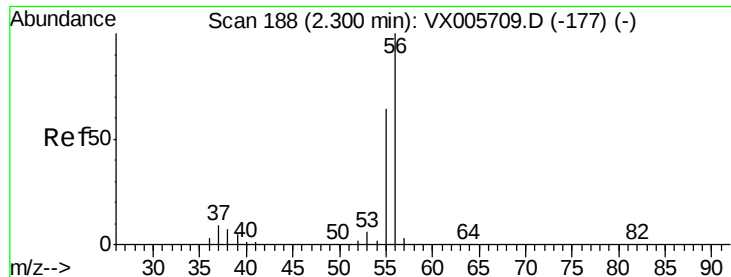


#12

1,1-Dichloroethene
 Concen: 18.691 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX005725.D
 Acq: 01 Nov 2018 13:24

Tgt Ion: 96 Resp: 26652
 Ion Ratio Lower Upper
 96 100
 61 175.9 131.8 197.8
 98 55.9 53.4 80.2

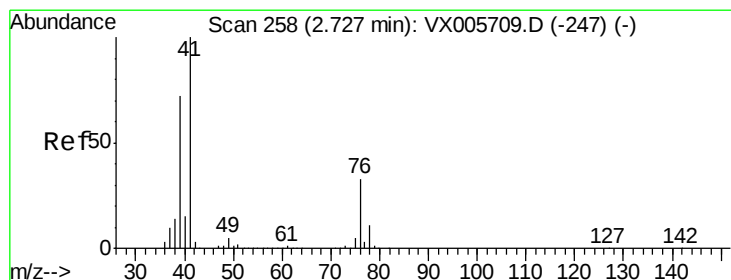
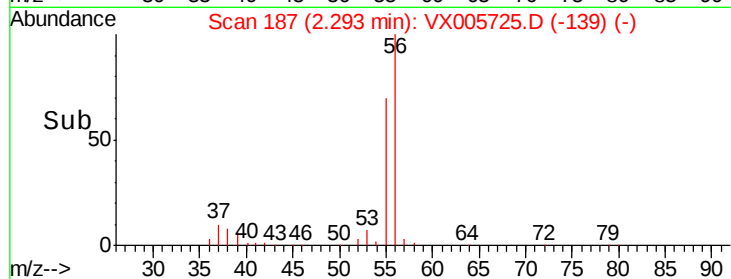
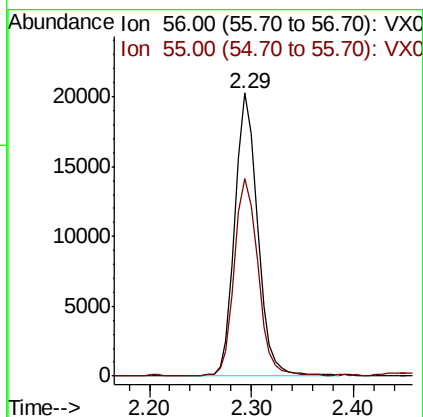
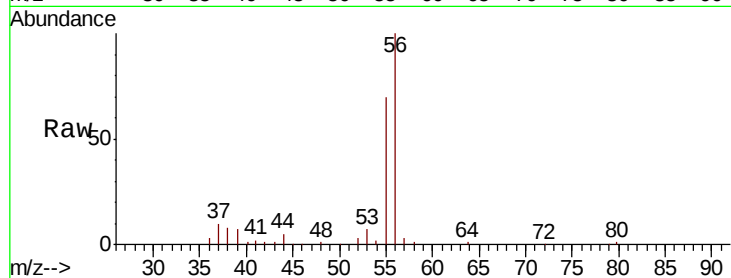




#13
Acrolein
Concen: 91.540 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.01 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

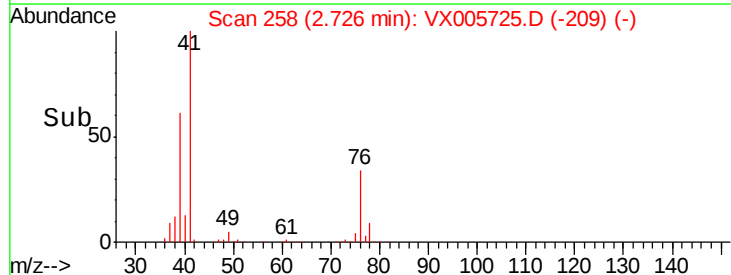
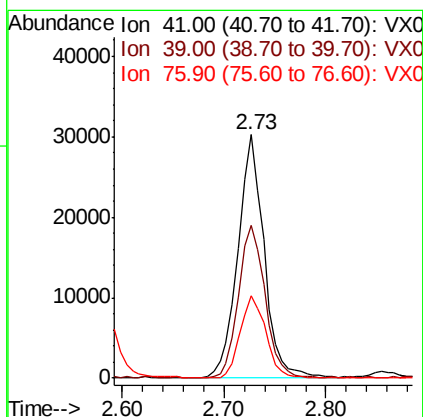
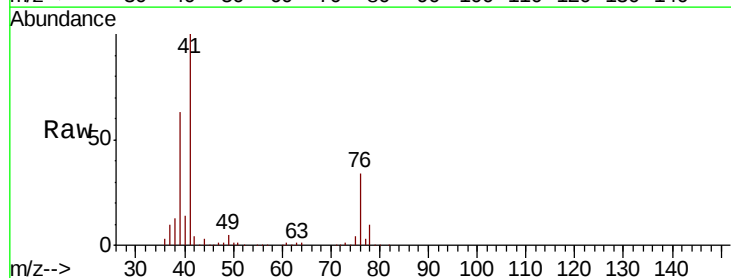
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 31375
Ion Ratio Lower Upper
56 100
55 72.6 57.3 85.9



#14
Allyl chloride
Concen: 18.238 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Tgt Ion: 41 Resp: 53774
Ion Ratio Lower Upper
41 100
39 63.0 48.2 72.4
76 33.3 21.9 32.9#





#15

Acrylonitrile

Concen: 90.697 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

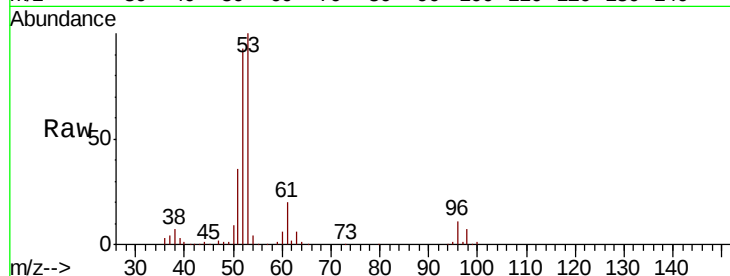
Tot Ion: 53 Resp: 104836

Ion Ratio Lower Upper

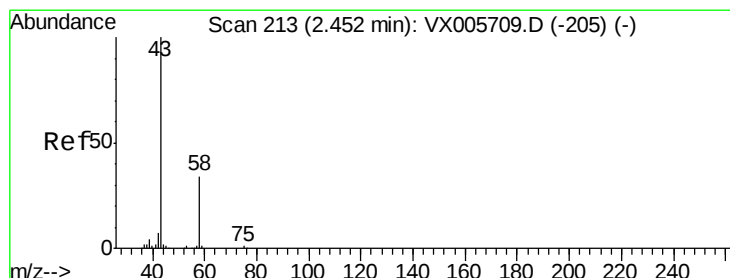
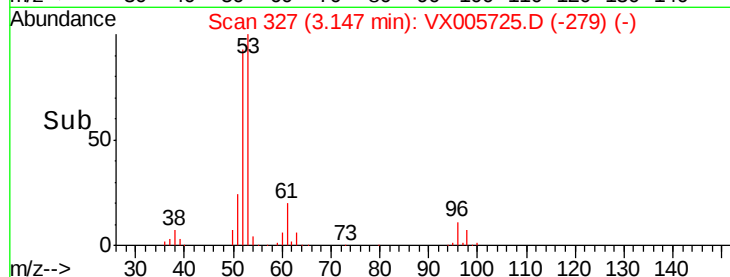
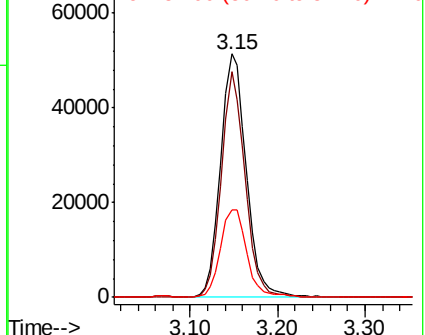
53 100

52 85.9 66.6 99.8

51 37.1 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: 94.826 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX005725.D

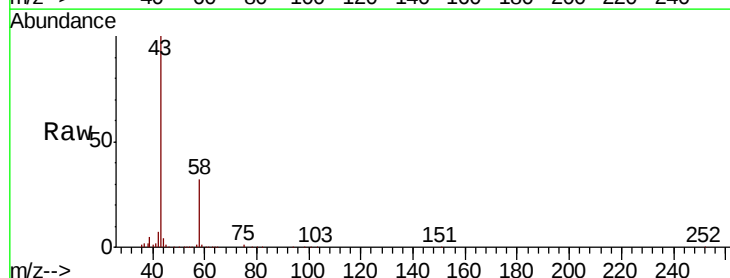
Acq: 01 Nov 2018 13:24

Tgt Ion: 43 Resp: 100133

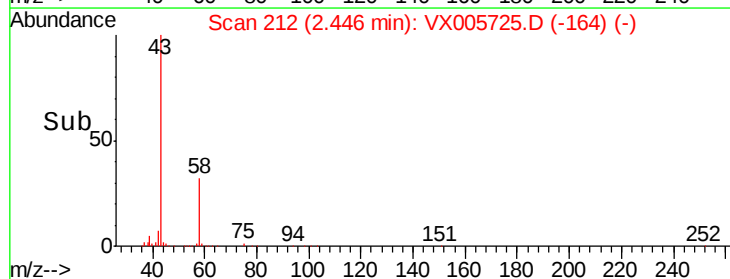
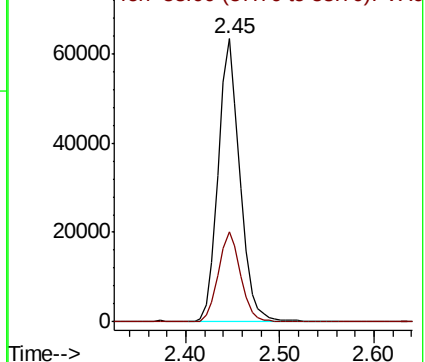
Ion Ratio Lower Upper

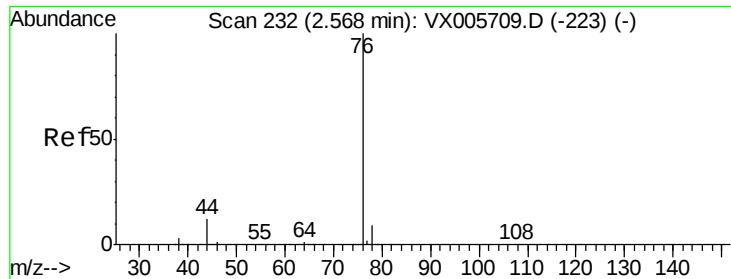
43 100

58 32.0 23.8 35.6



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

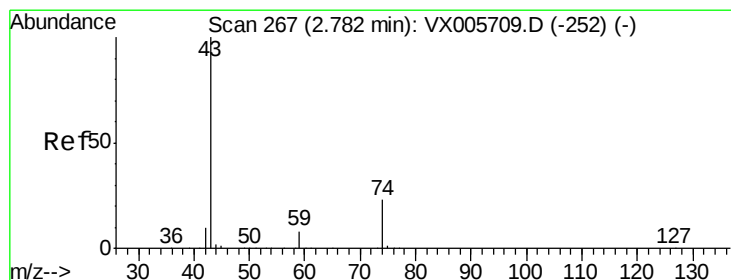
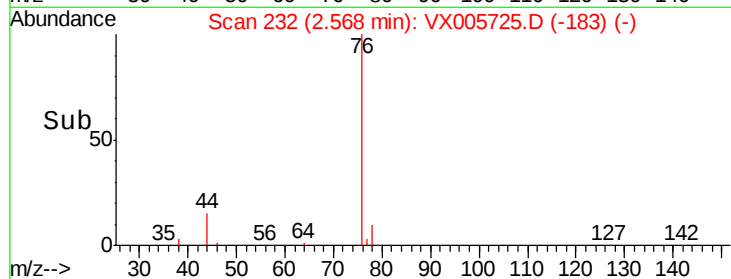
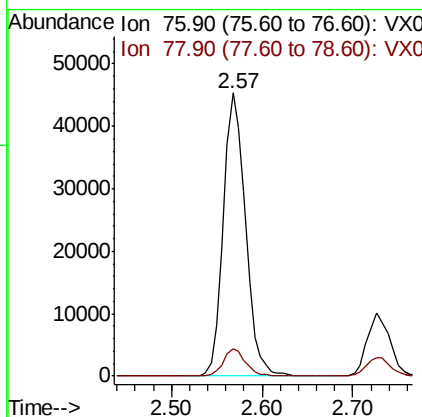
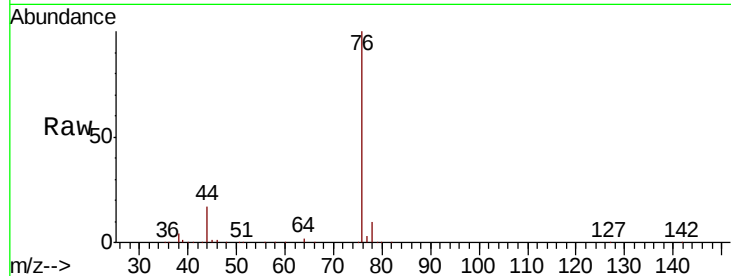




#17
Carbon Disulfide
Concen: 17.679 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

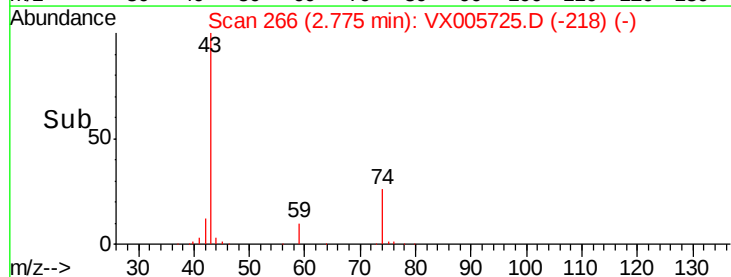
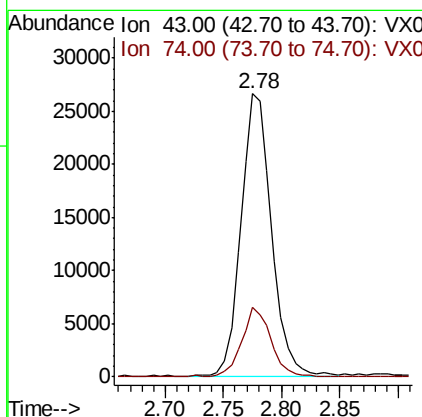
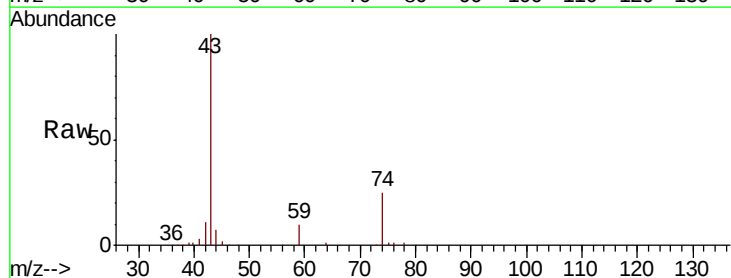
Instrument :
MSVOA_X
ClientSampled :

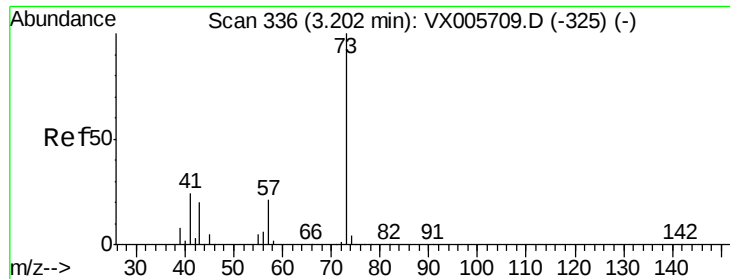
Tot Ion: 76 Resp: 77466
Ion Ratio Lower Upper
76 100
78 9.8 7.3 10.9



#18
Methyl Acetate
Concen: 17.345 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Tgt Ion: 43 Resp: 48182
Ion Ratio Lower Upper
43 100
74 24.1 16.8 25.2

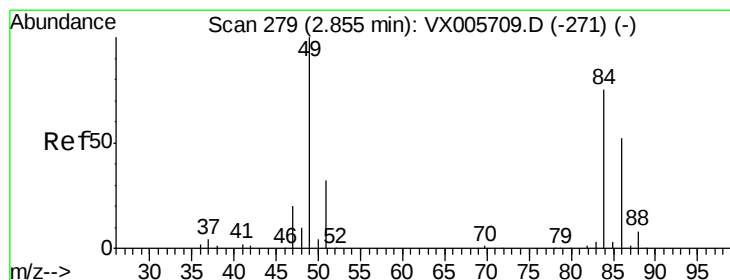
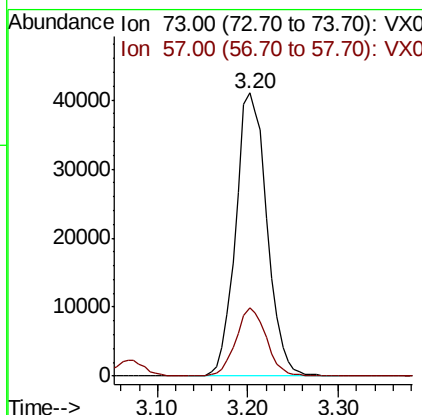
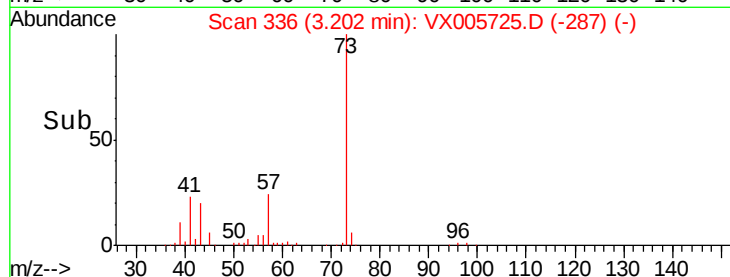
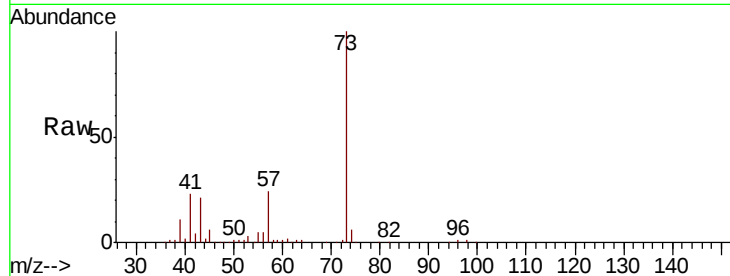




#19
Methyl tert-butyl Ether
Concen: 19.787 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

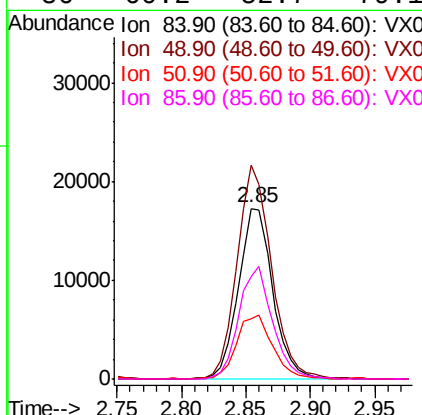
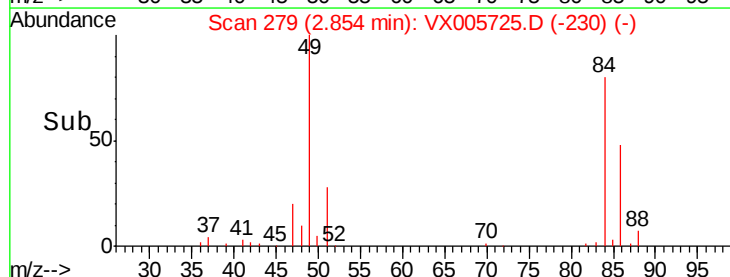
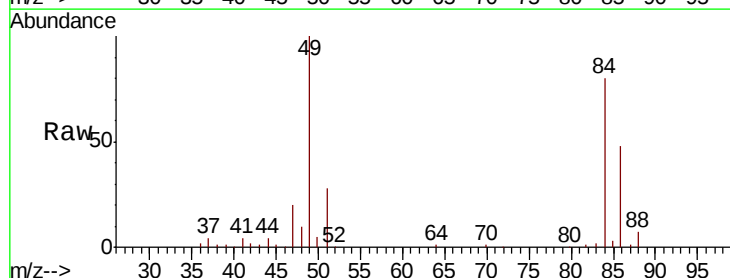
Instrument :
MSVOA_X
ClientSampleId :

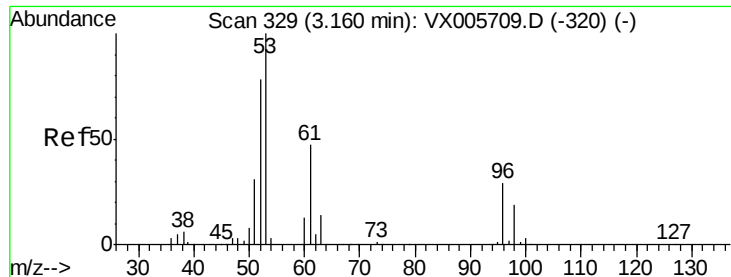
Tot Ion: 73 Resp: 97666
Ion Ratio Lower Upper
73 100
57 24.2 18.8 28.2



#20
Methylene Chloride
Concen: 19.116 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Tgt Ion: 84 Resp: 31907
Ion Ratio Lower Upper
84 100
49 125.1 109.5 164.3
51 35.3 33.3 49.9
86 60.2 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 18.897 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :

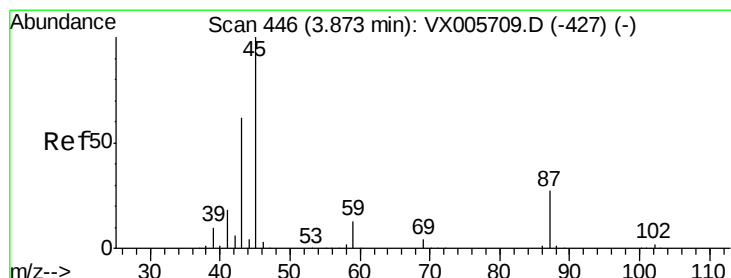
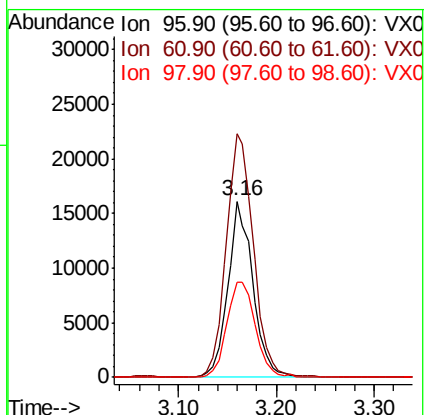
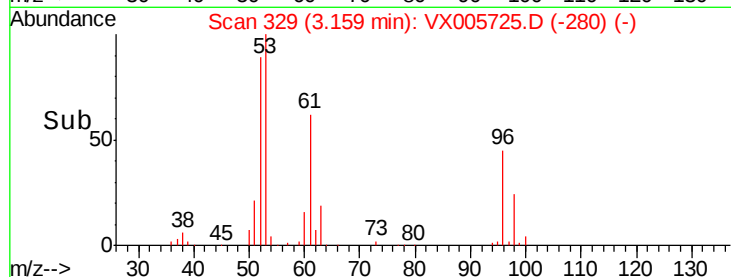
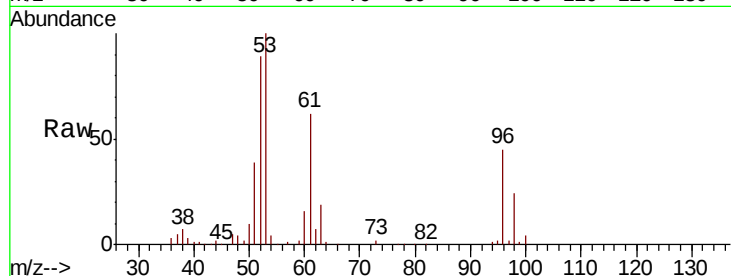
Tot Ion: 96 Resp: 28512

Ion Ratio Lower Upper

96 100

61 138.5 115.6 173.4

98 53.9 50.2 75.2



#22

Diisopropyl ether

Concen: 18.945 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Tgt Ion: 45 Resp: 103618

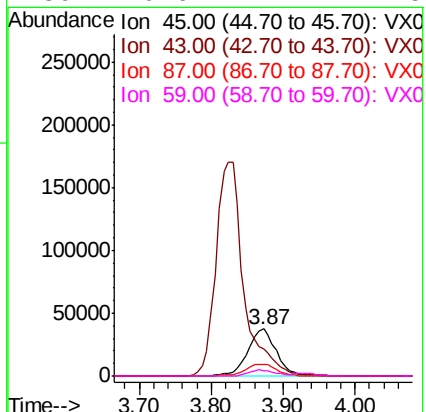
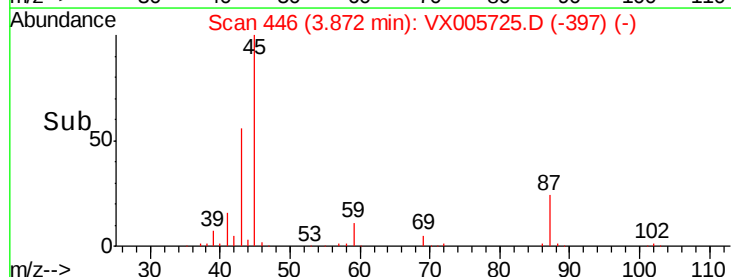
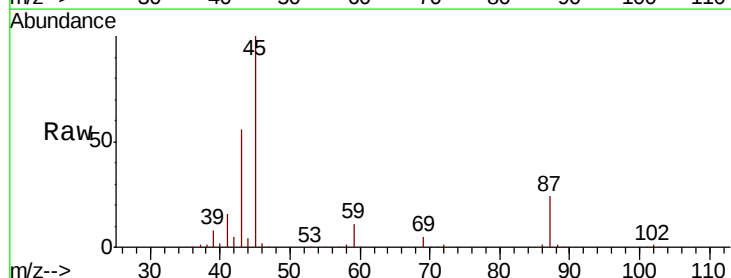
Ion Ratio Lower Upper

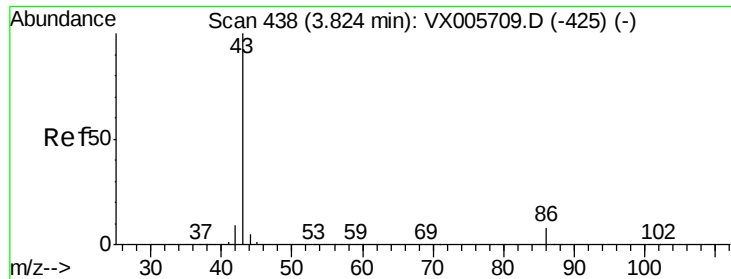
45 100

43 55.6 47.4 71.2

87 23.5 15.9 23.9

59 10.6 7.7 11.5





#23

Vinyl Acetate

Concen: 95.945 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Instrument :

MSVOA_X

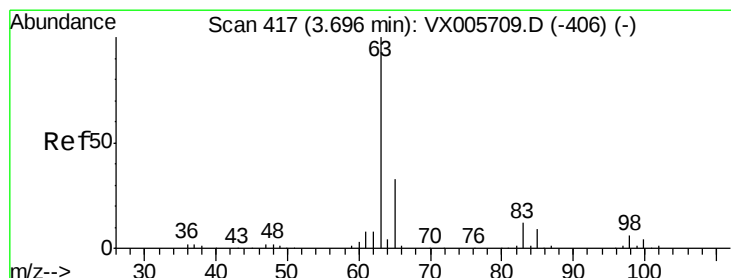
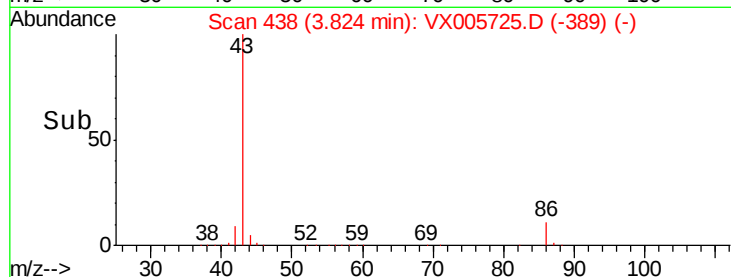
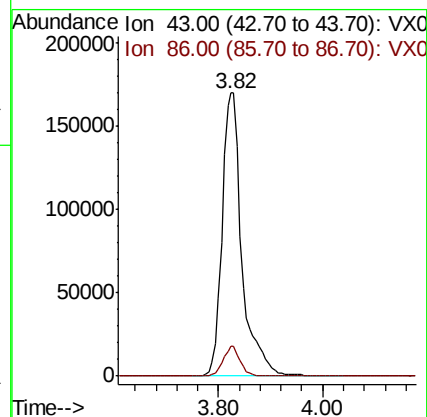
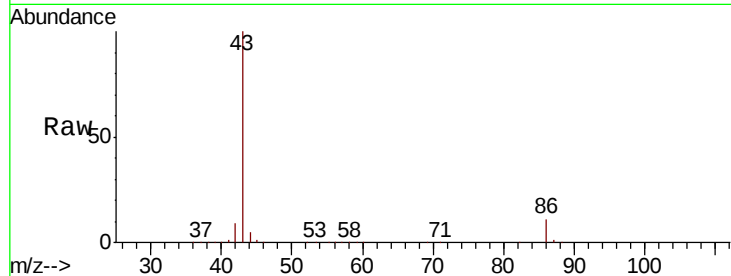
ClientSampleId :

Tot Ion: 43 Resp: 457080

Ion Ratio Lower Upper

43 100

86 10.7 7.4 11.2



#24

1,1-Dichloroethane

Concen: 17.983 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

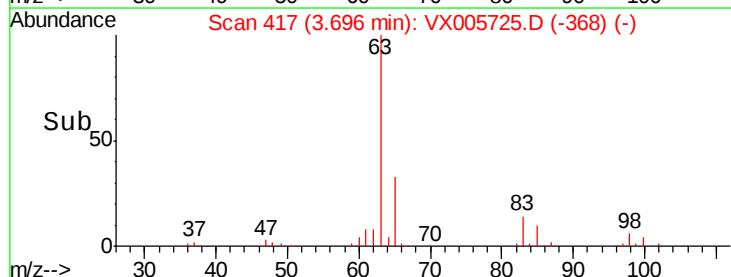
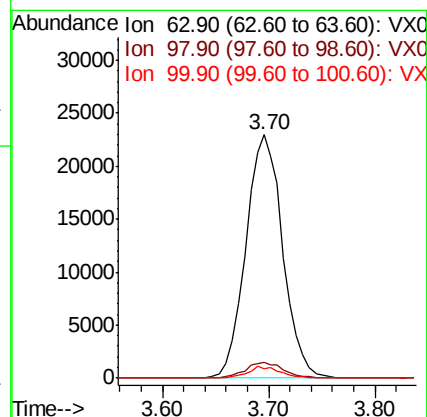
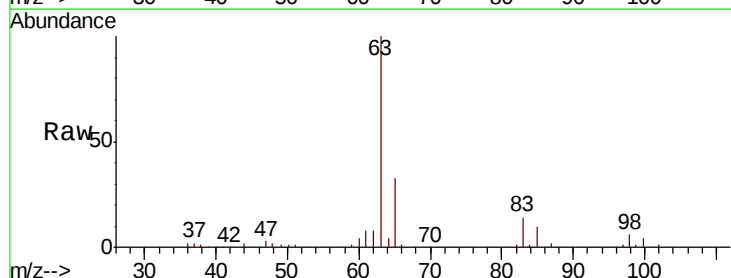
Tgt Ion: 63 Resp: 55617

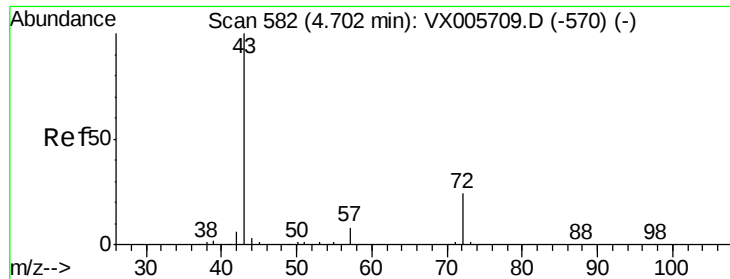
Ion Ratio Lower Upper

63 100

98 6.4 3.2 9.6

100 3.7 2.1 6.2





#25

2-Butanone

Concen: 92.413 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

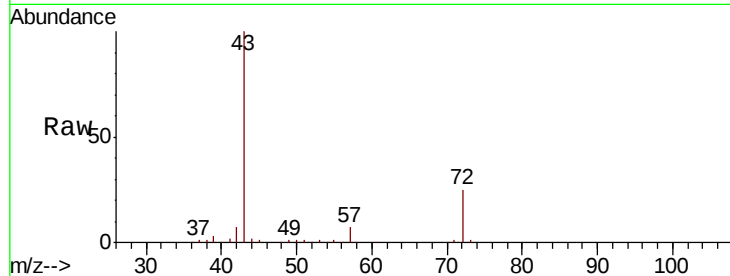
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 150890

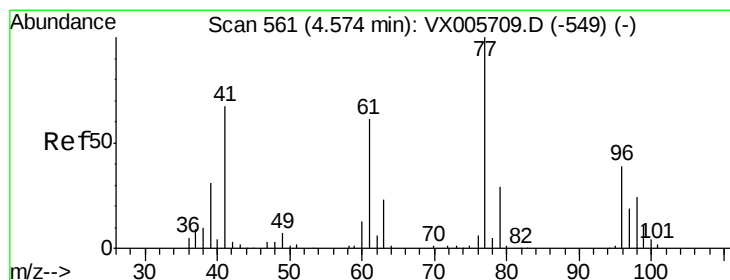
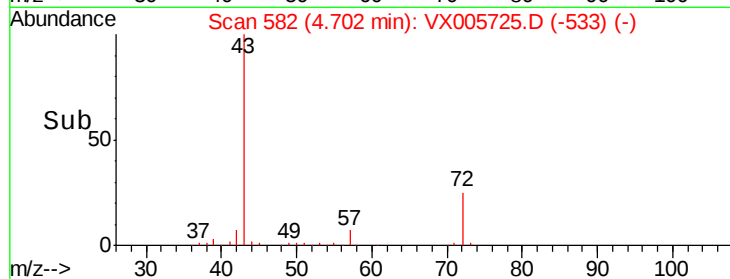
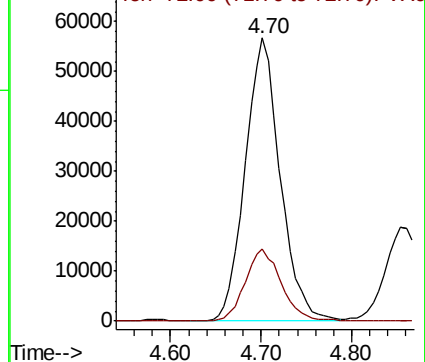
Ion Ratio Lower Upper

43 100

72 25.2 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: 19.190 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX005725.D

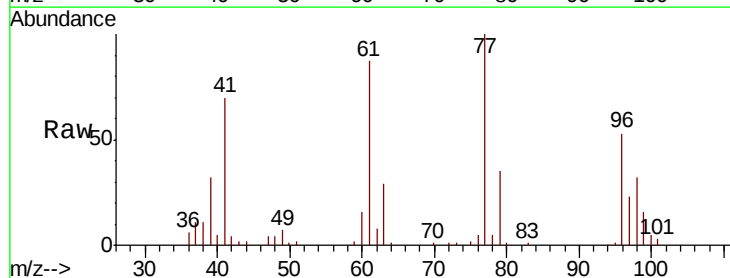
Acq: 01 Nov 2018 13:24

Tgt Ion: 77 Resp: 44365

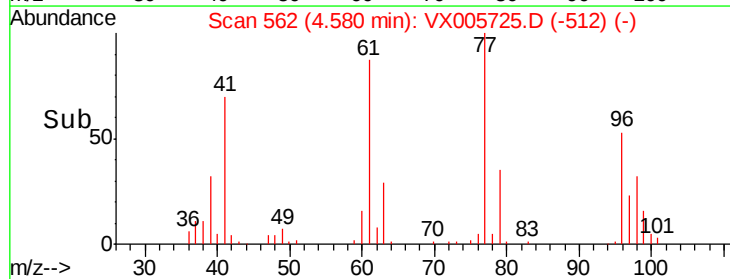
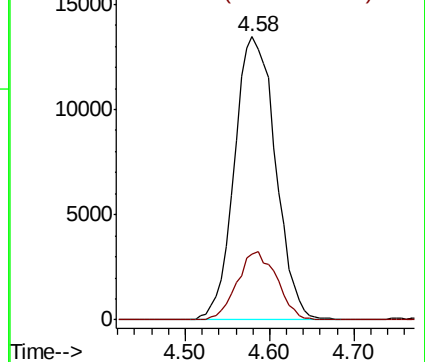
Ion Ratio Lower Upper

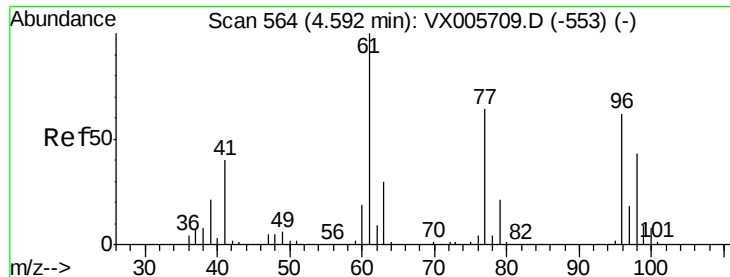
77 100

97 23.3 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0
Ion 96.90 (96.60 to 97.60): VX0



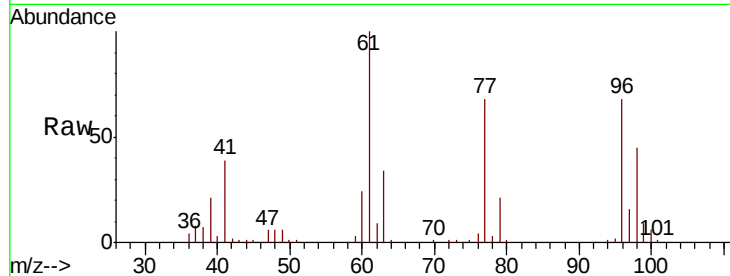


#27

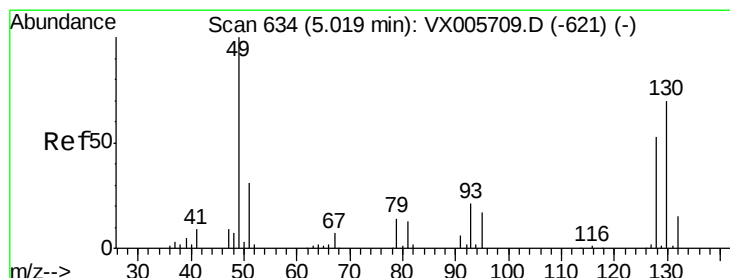
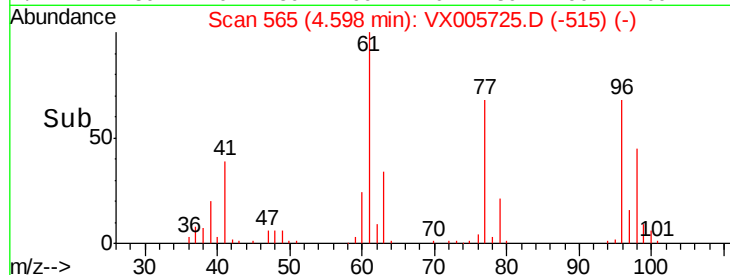
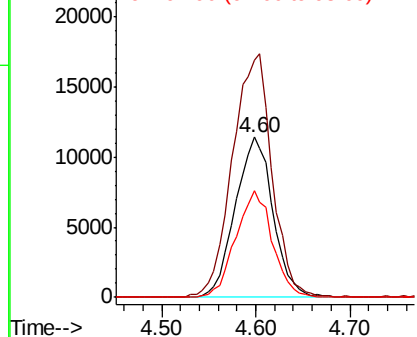
cis-1,2-Dichloroethene
Concen: 18.816 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 31902
Ion Ratio Lower Upper
96 100
61 159.1 0.0 304.6
98 64.4 0.0 127.4



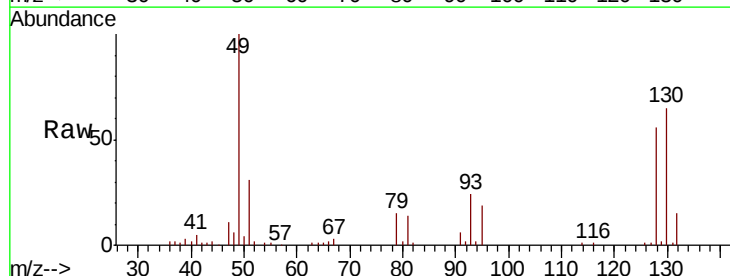
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



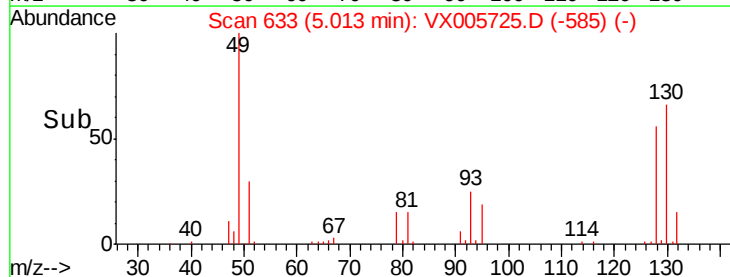
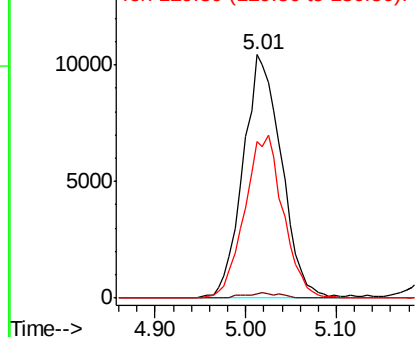
#28

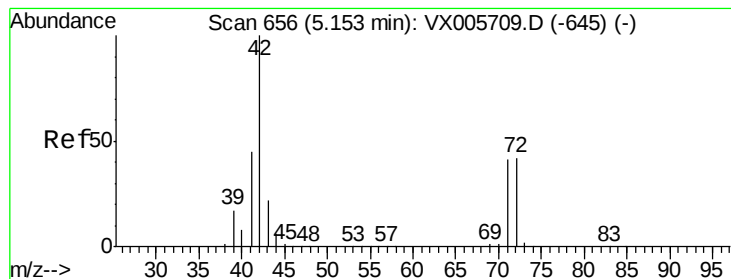
Bromochloromethane
Concen: 20.288 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Tgt Ion: 49 Resp: 30611
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.0
130 67.3 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: 94.538 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

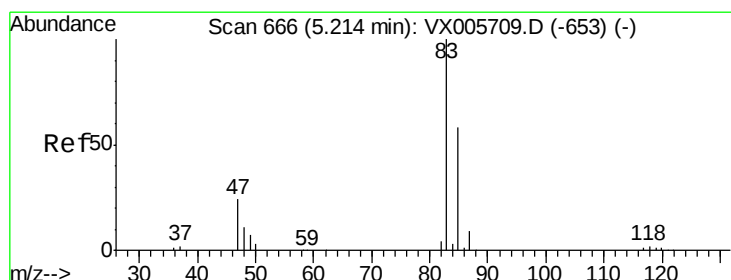
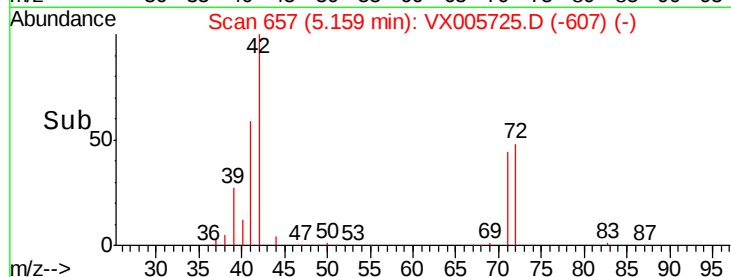
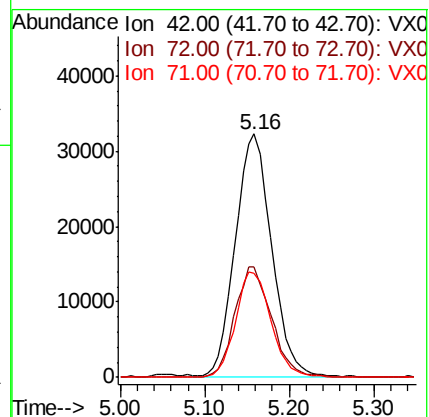
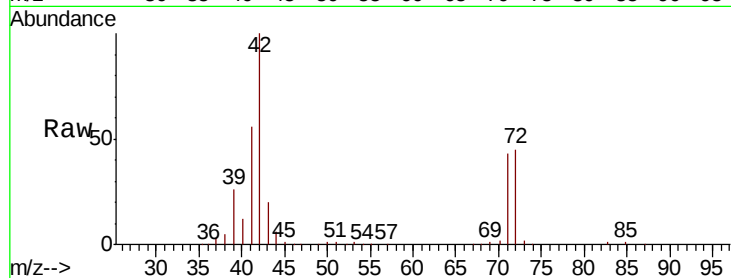
Tot Ion: 42 Resp: 94215

Ion Ratio Lower Upper

42 100

72 45.8 32.0 48.0

71 42.4 29.8 44.8



#30

Chloroform

Concen: 19.486 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX005725.D

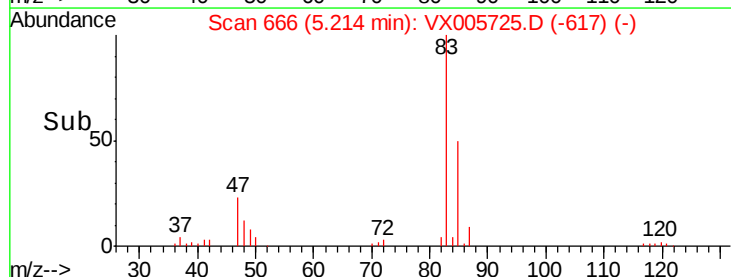
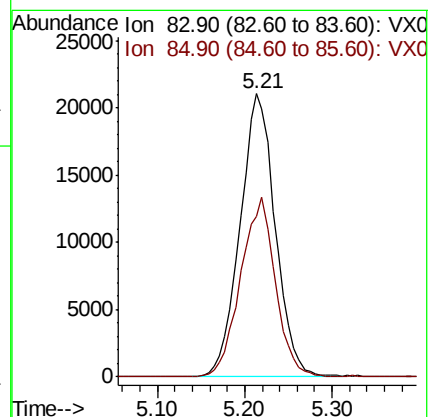
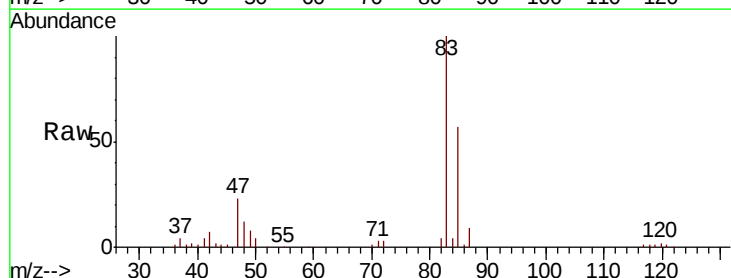
Acq: 01 Nov 2018 13:24

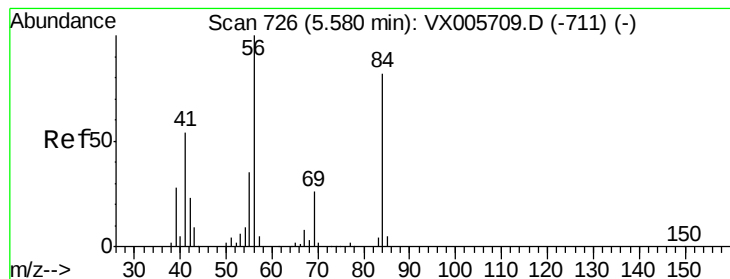
Tgt Ion: 83 Resp: 58921

Ion Ratio Lower Upper

83 100

85 56.8 50.6 76.0





#31

Cyclohexane

Concen: 18.720 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

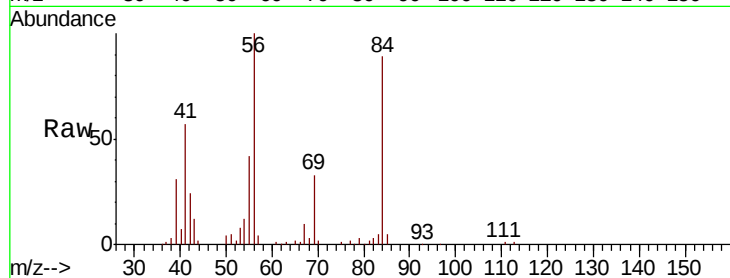
Tot Ion: 56 Resp: 48415

Ion Ratio Lower Upper

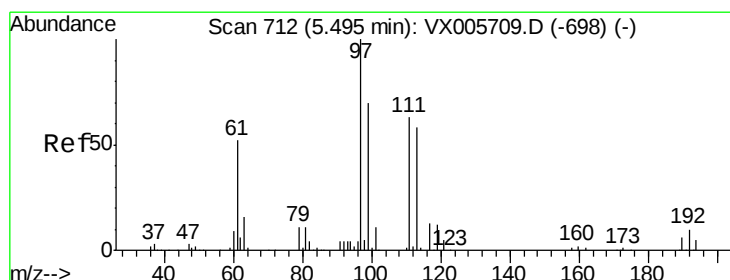
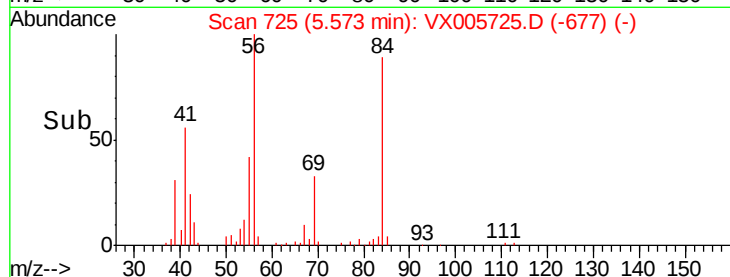
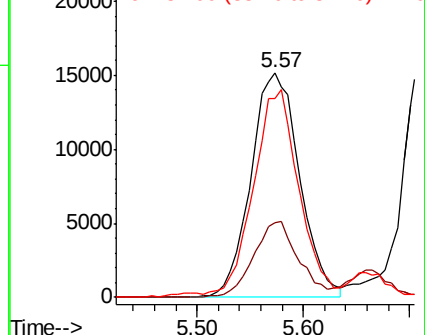
56 100

69 33.1 22.6 34.0

84 86.7 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: 19.747 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

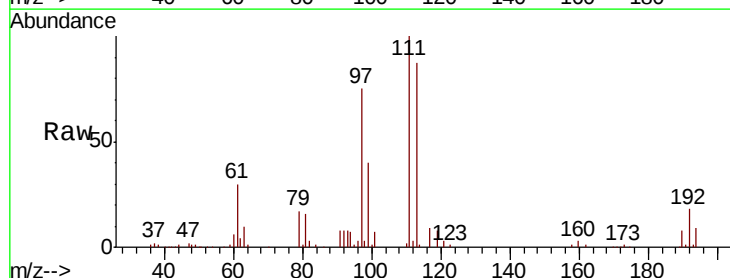
Tgt Ion: 97 Resp: 47787

Ion Ratio Lower Upper

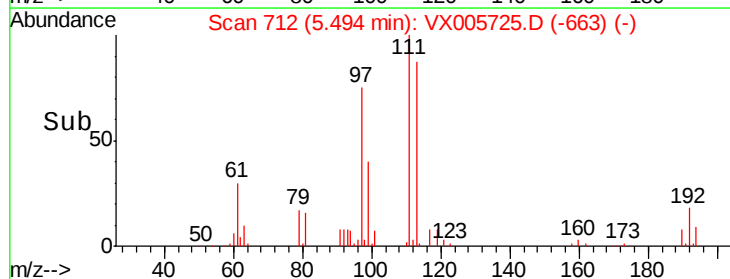
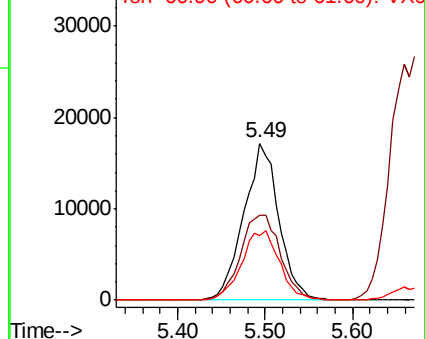
97 100

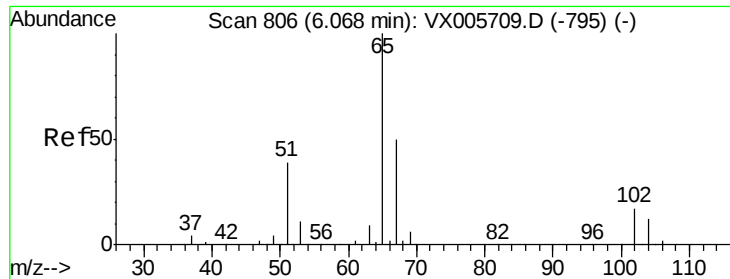
99 62.0 52.3 78.5

61 47.9 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: 45.643 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Instrument :

MSVOA_X

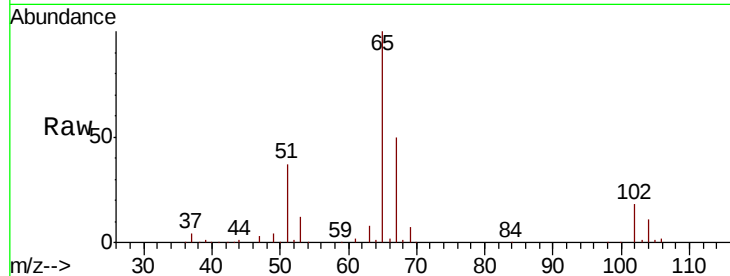
ClientSampleId :

Tot Ion: 65 Resp: 88346

Ion Ratio Lower Upper

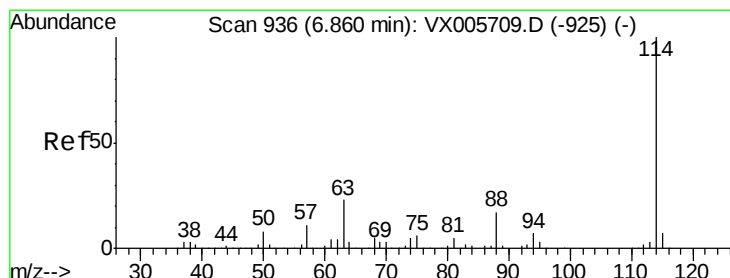
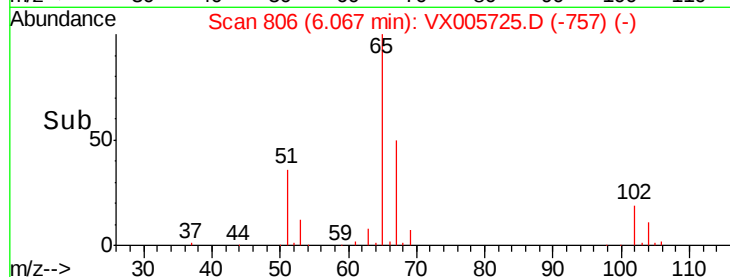
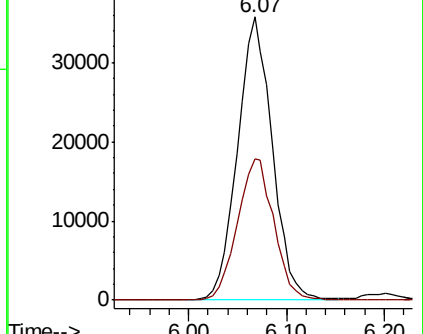
65 100

67 52.2 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: 6.87 min Scan# 937

Delta R.T. 0.01 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

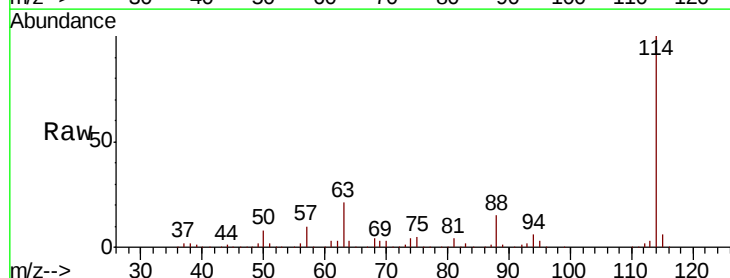
Tgt Ion: 114 Resp: 224862

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.8

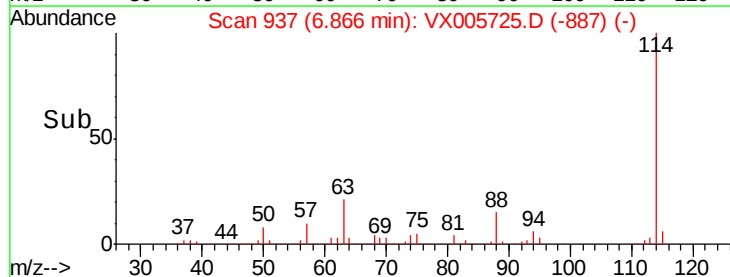
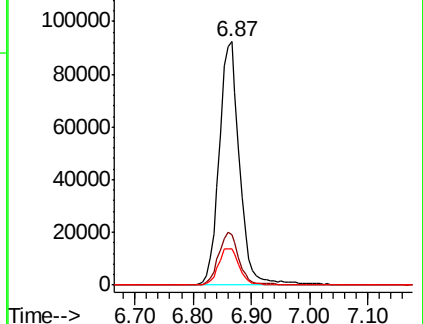
88 14.7 0.0 31.2

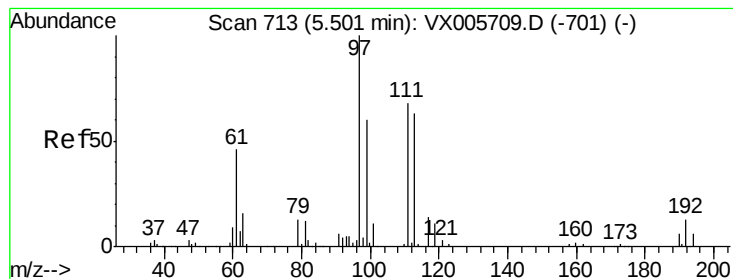


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 42.972 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

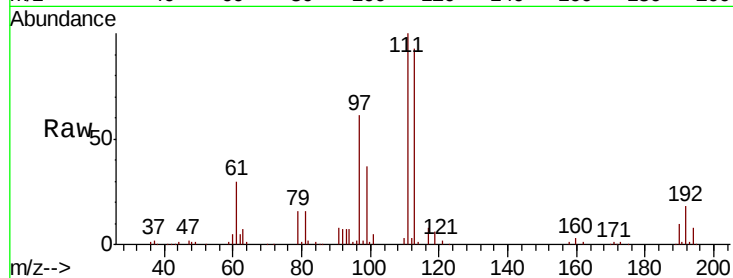
Tot Ion:113 Resp: 66906

Ion Ratio Lower Upper

113 100

111 104.5 82.3 123.5

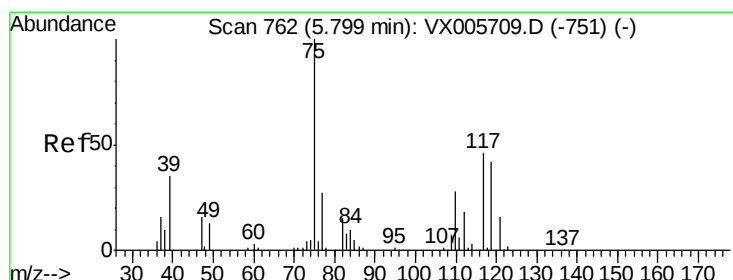
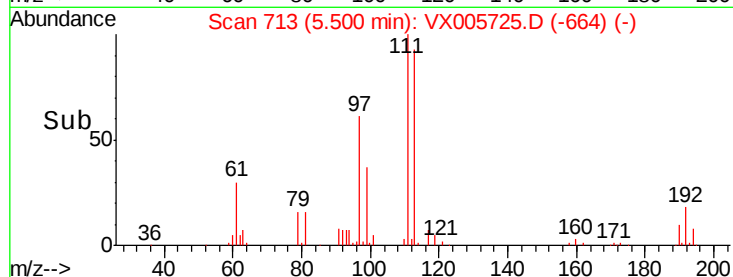
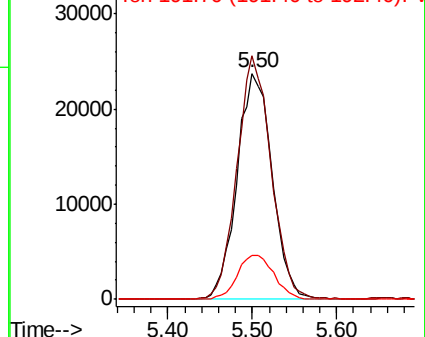
192 20.3 17.9 26.9



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: 17.415 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

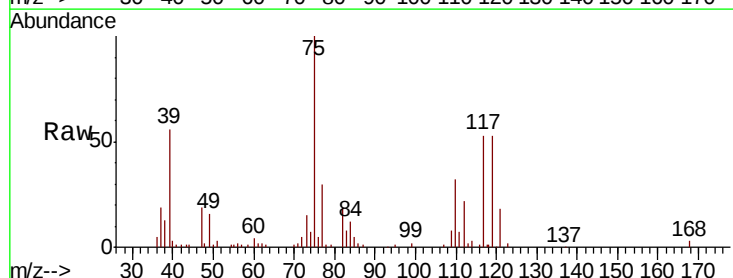
Tgt Ion: 75 Resp: 41721

Ion Ratio Lower Upper

75 100

110 35.9 17.4 52.2

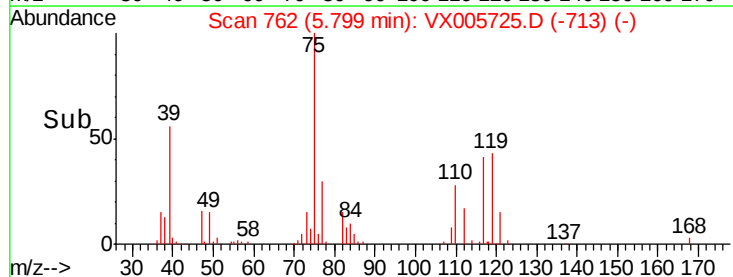
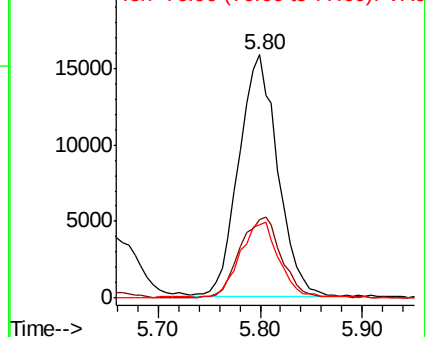
77 32.1 25.8 38.6

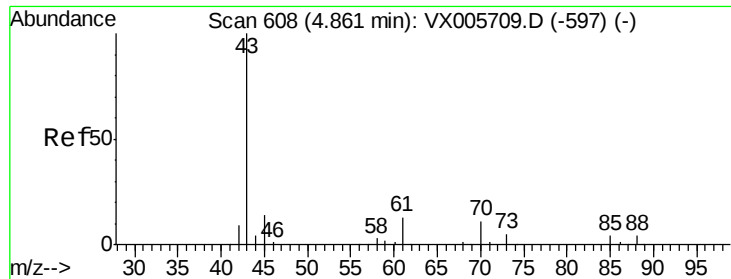


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

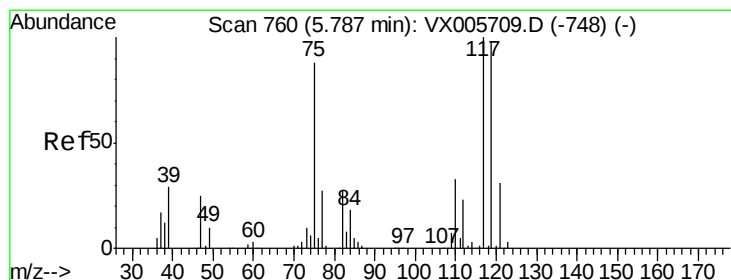
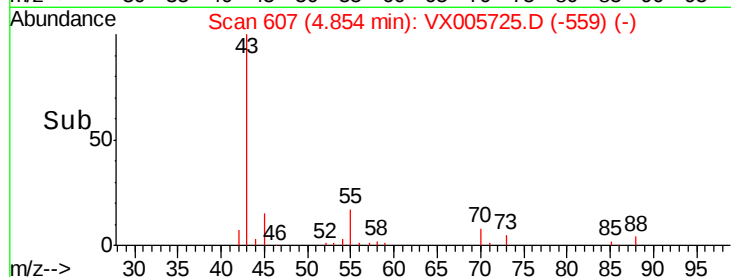
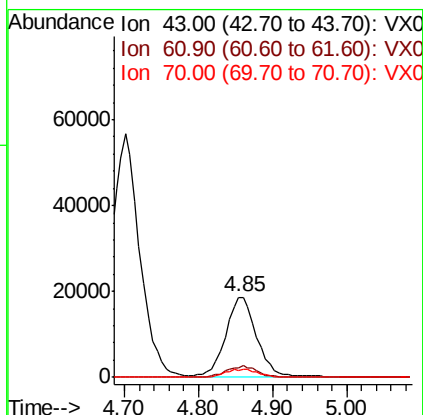
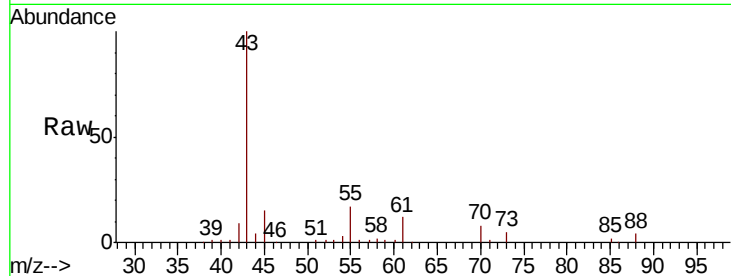




#37
Ethyl Acetate
Concen: 17.691 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

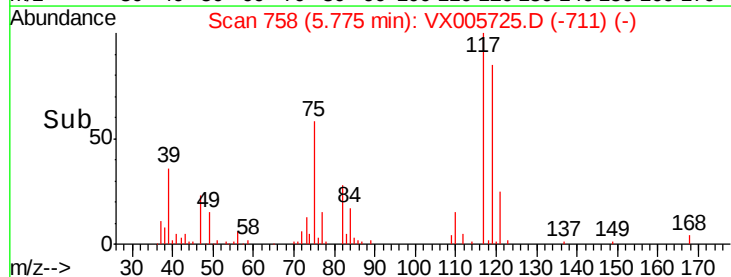
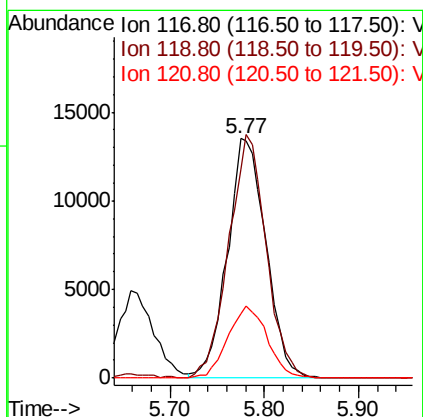
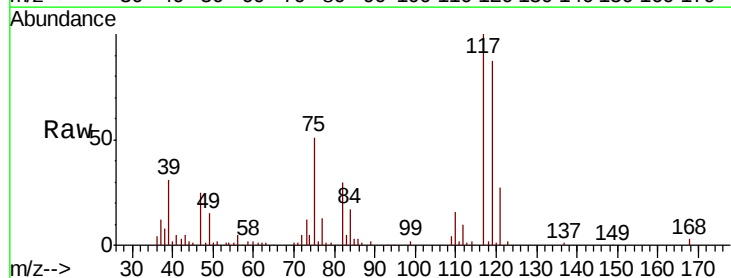
Instrument :
MSVOA_X
ClientSampleId :

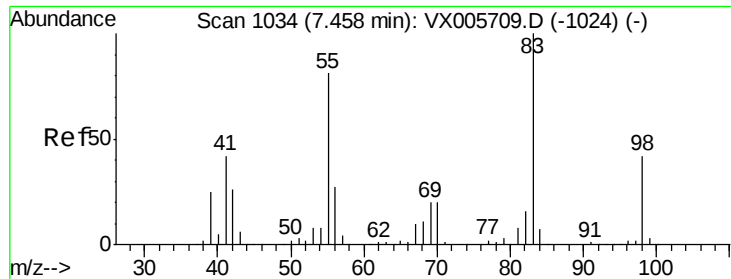
Tot Ion: 43 Resp: 54070
Ion Ratio Lower Upper
43 100
61 14.5 10.8 16.2
70 10.5 7.8 11.8



#38
Carbon Tetrachloride
Concen: 17.808 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Tgt Ion: 117 Resp: 38545
Ion Ratio Lower Upper
117 100
119 87.5 78.1 117.1
121 26.8 24.6 36.8

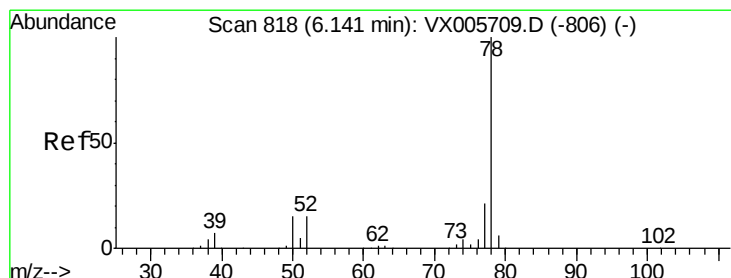
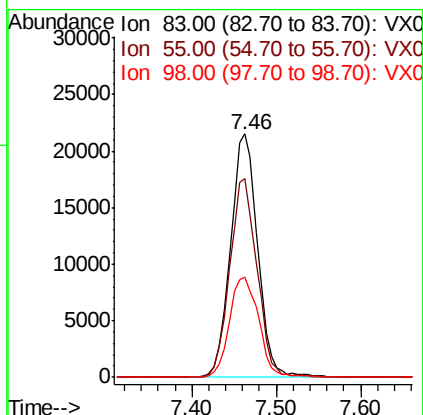
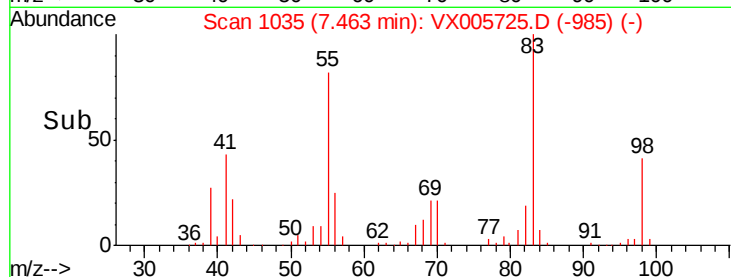
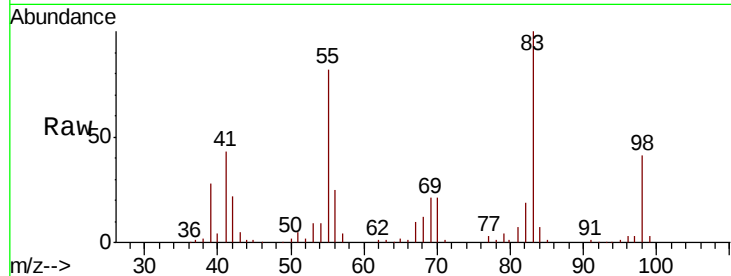




#39
Methvlcvclohexane
Concen: 18.716 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

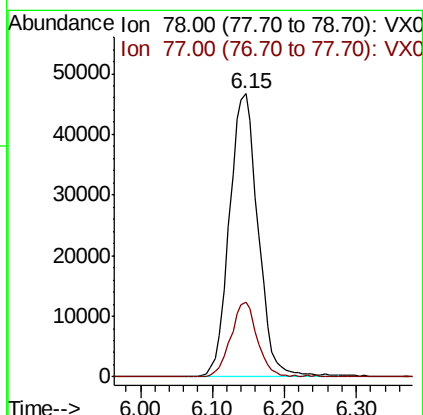
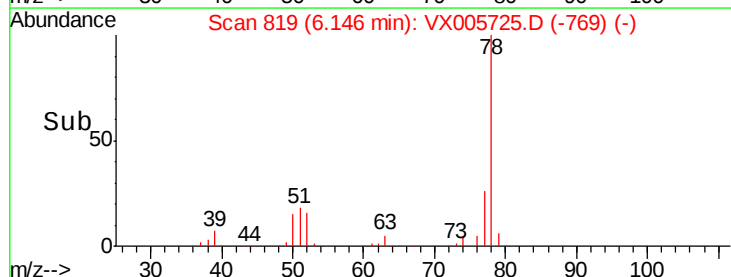
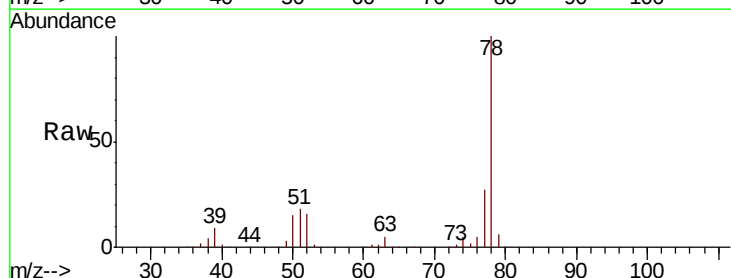
Instrument :
MSVOA_X
ClientSampled :

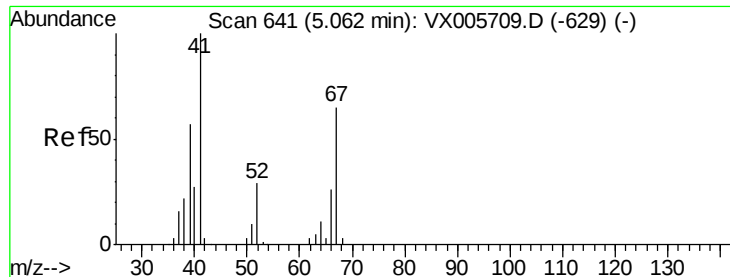
Tot Ion: 83 Resp: 46762
Ion Ratio Lower Upper
83 100
55 81.9 63.7 95.5
98 41.4 36.2 54.2



#40
Benzene
Concen: 18.156 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Tgt Ion: 78 Resp: 129406
Ion Ratio Lower Upper
78 100
77 26.6 18.4 27.6

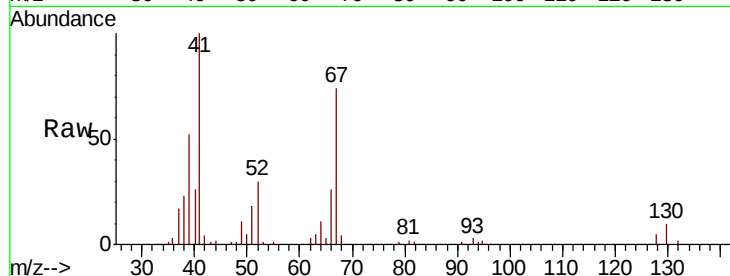




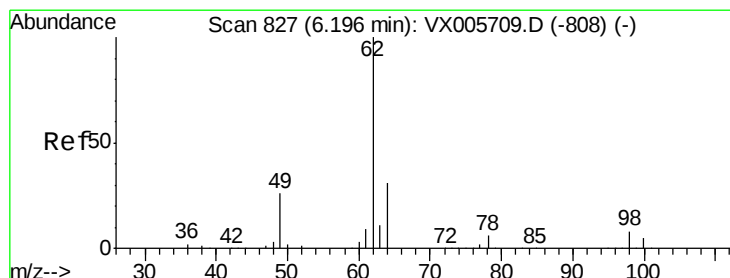
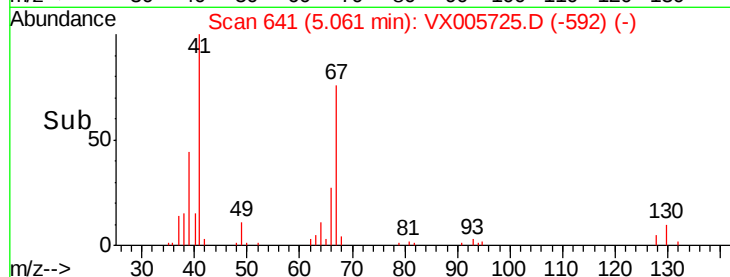
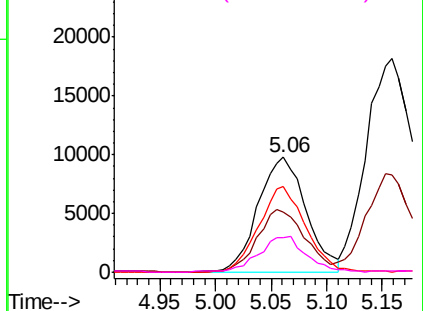
#41
Methacrylonitrile
Concen: 17.880 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	29529
Ion	Ratio	Lower	Upper
41	100		
39	53.9	42.2	63.2
67	72.7	53.4	80.0
52	31.3	23.4	35.2

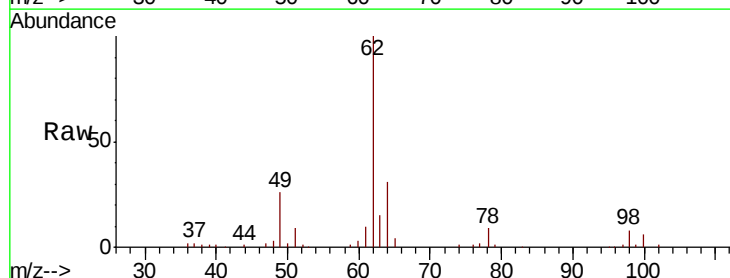


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

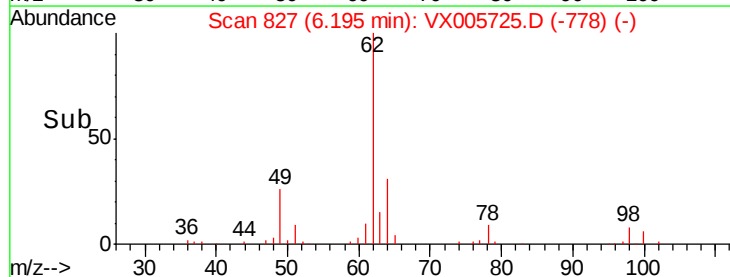
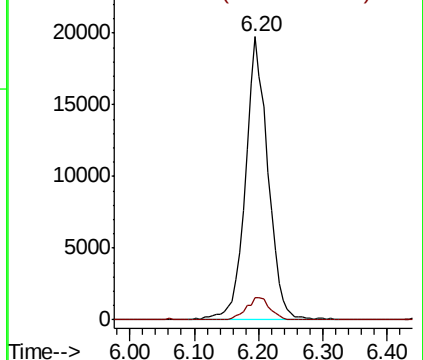


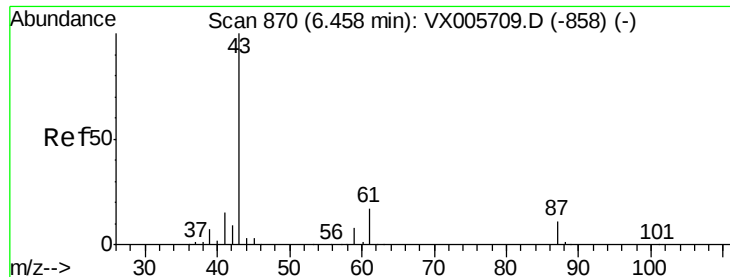
#42
1,2-Dichloroethane
Concen: 17.883 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Tgt Ion:	62	Resp:	47113
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.8



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



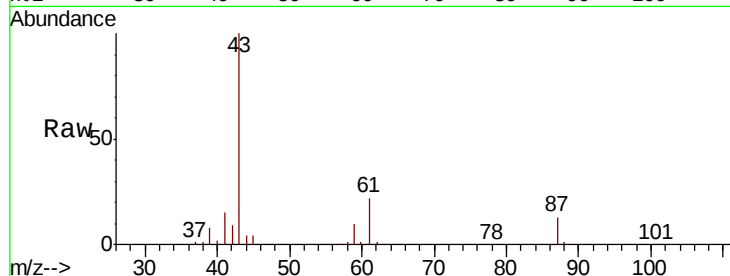


#43

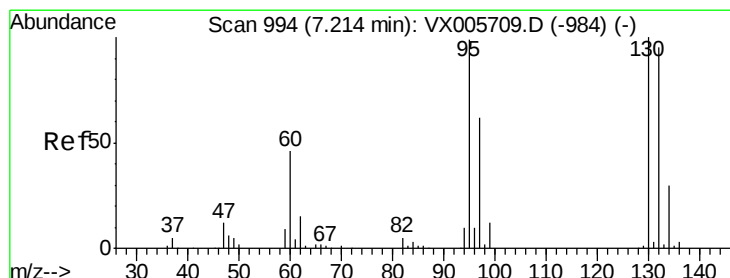
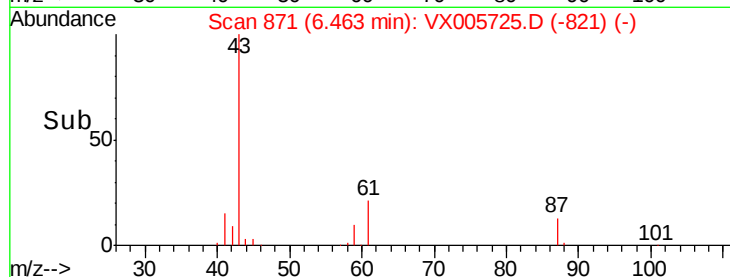
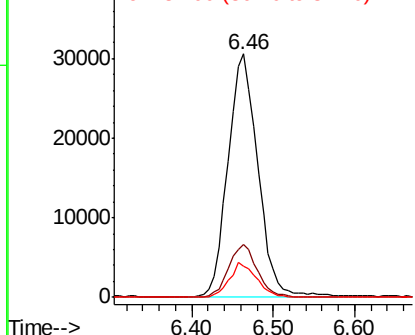
Isopropyl Acetate
 Concen: 17.410 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX005725.D
 Acq: 01 Nov 2018 13:24

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 43 Resp: 77232
 Ion Ratio Lower Upper
 43 100
 61 20.9 14.6 22.0
 87 13.2 9.6 14.4



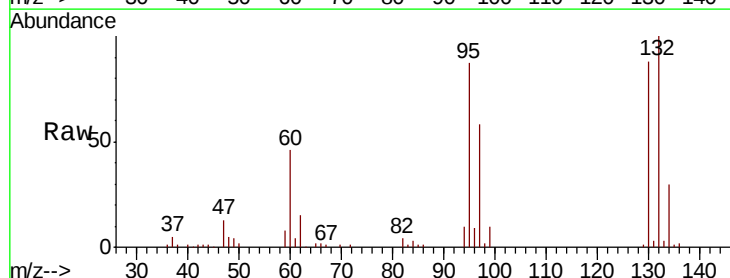
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



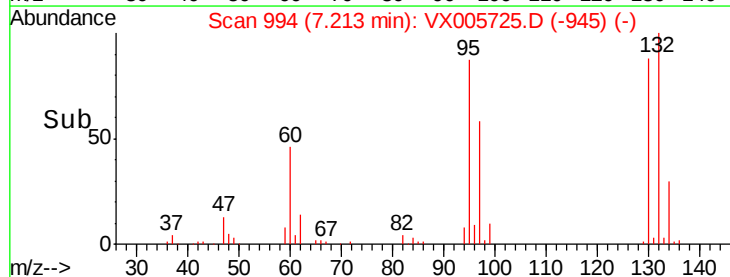
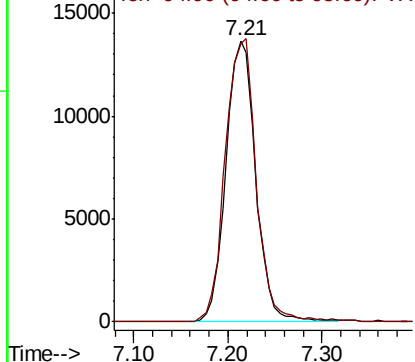
#44

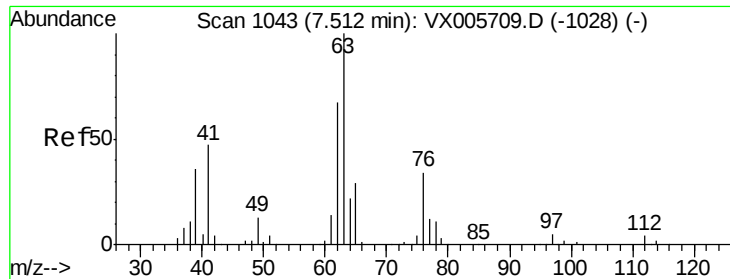
Trichloroethene
 Concen: 18.204 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX005725.D
 Acq: 01 Nov 2018 13:24

Tgt Ion:130 Resp: 30008
 Ion Ratio Lower Upper
 130 100
 95 98.9 0.0 194.2



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





#45

1,2-Dichloropropane

Concen: 18.607 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Instrument :

MSVOA_X

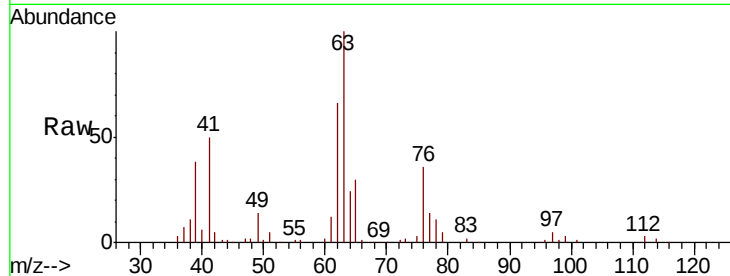
ClientSampleId :

Tot Ion: 63 Resp: 33986

Ion Ratio Lower Upper

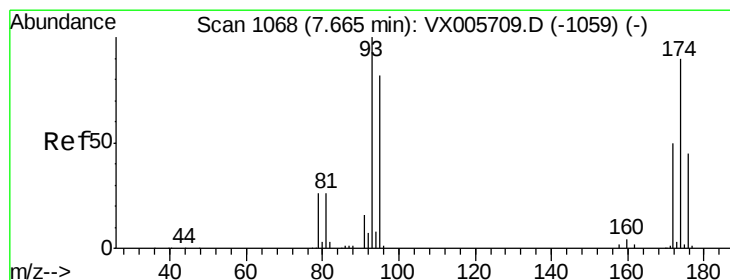
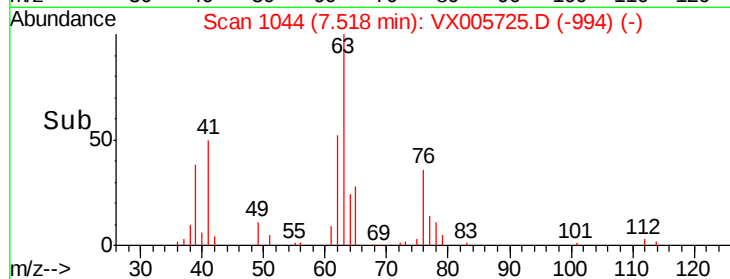
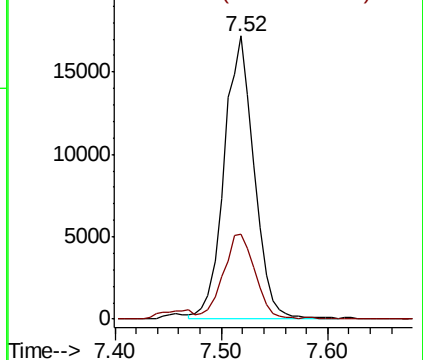
63 100

65 30.0 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.321 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

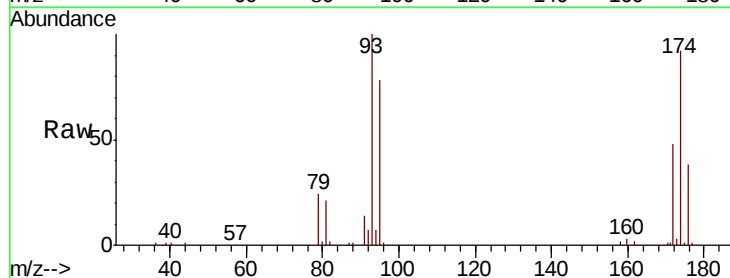
Tgt Ion: 93 Resp: 21386

Ion Ratio Lower Upper

93 100

95 83.5 67.4 101.0

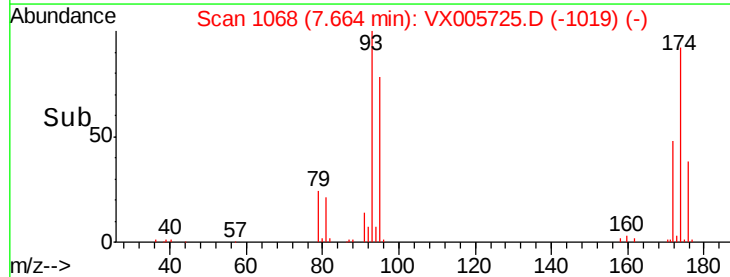
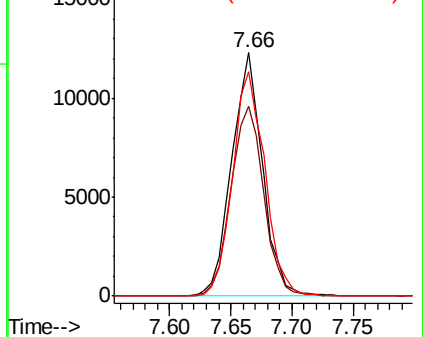
174 96.3 91.5 137.3

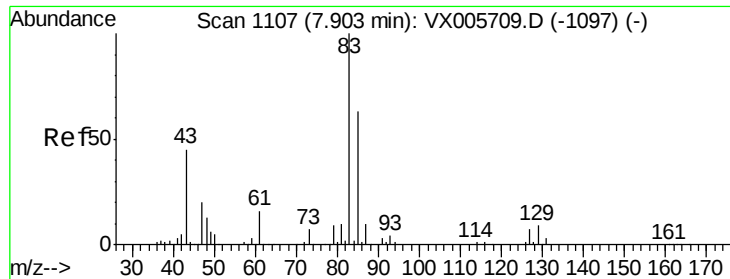


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 17.619 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Instrument :
MSVOA_X
ClientSampled :

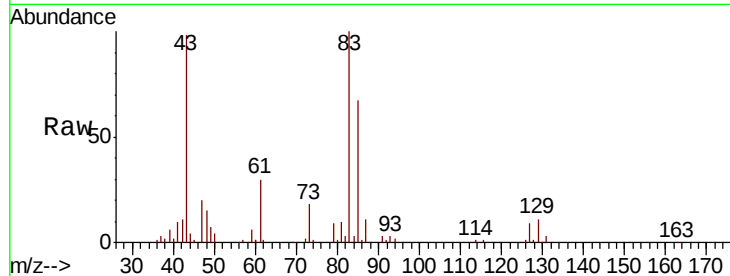
Tot Ion: 83 Resp: 38577

Ion Ratio Lower Upper

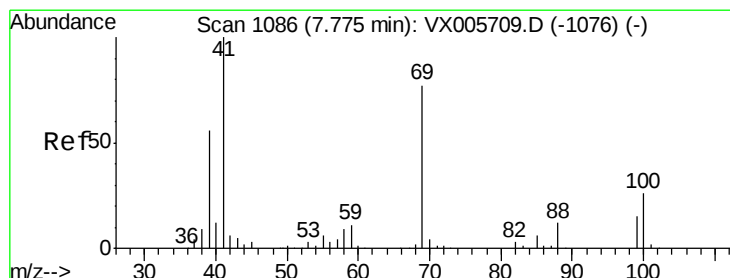
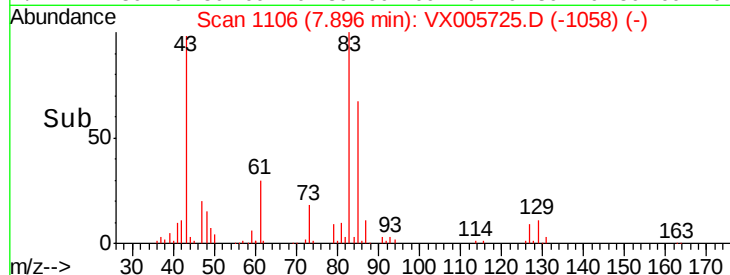
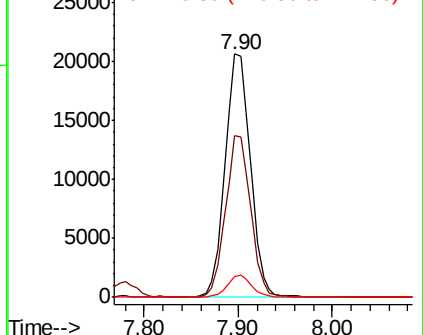
83 100

85 66.6 50.2 75.4

127 8.7 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: 17.909 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

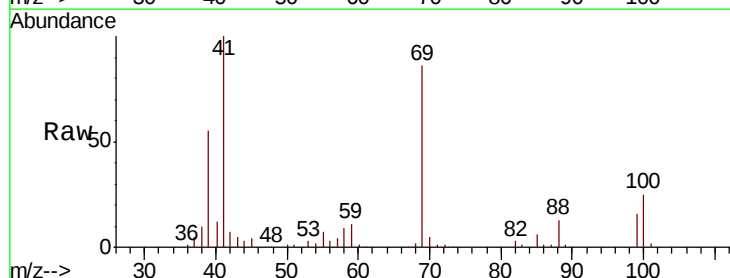
Tgt Ion: 41 Resp: 38453

Ion Ratio Lower Upper

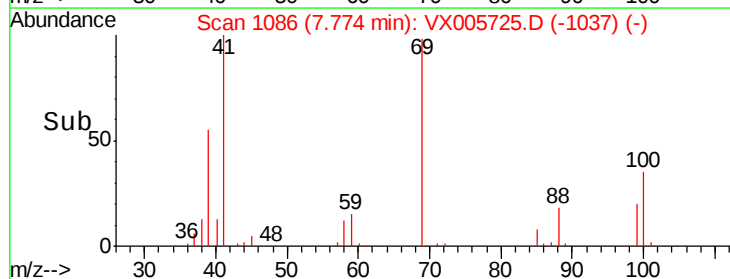
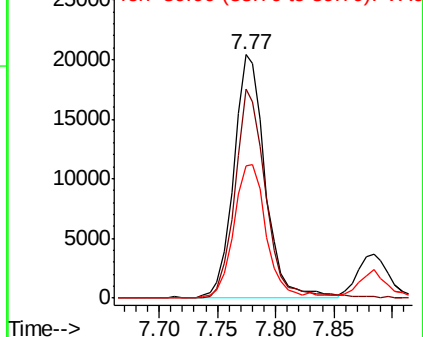
41 100

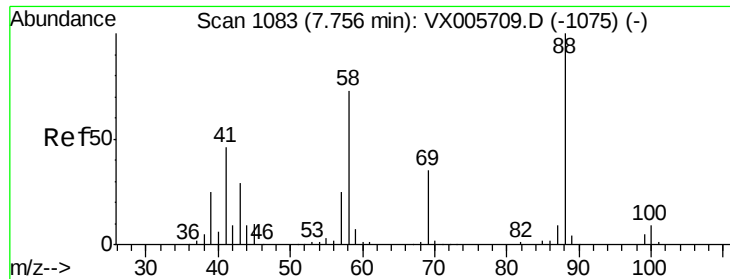
69 83.9 63.2 94.8

39 57.3 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

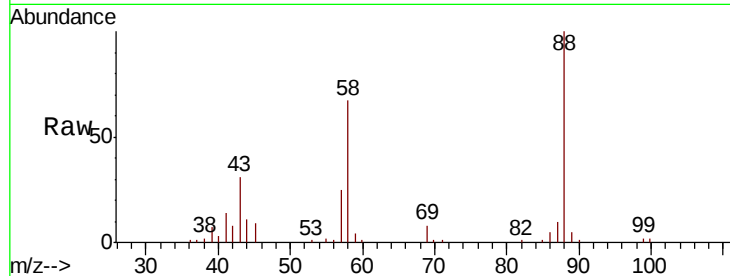




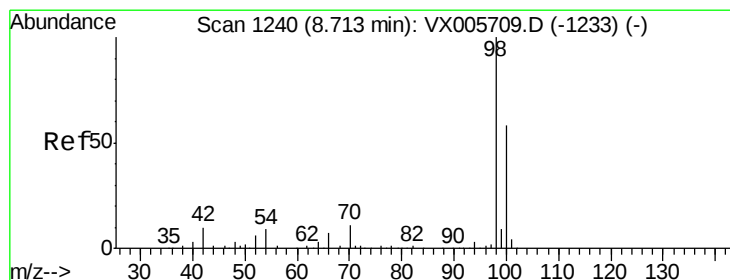
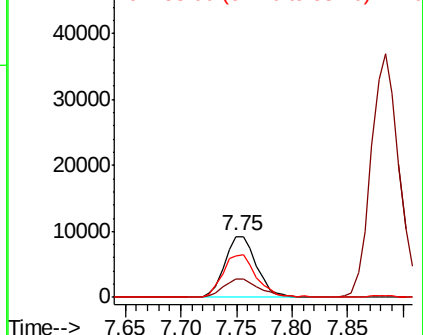
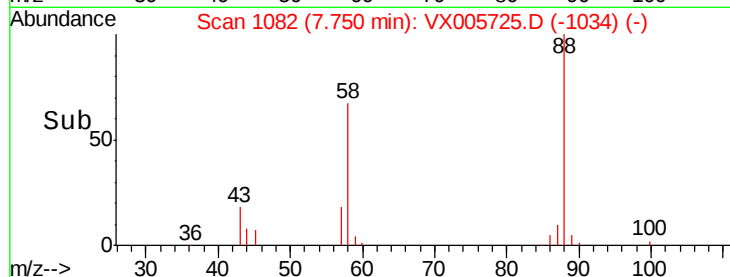
#49
 1,4-Dioxane
 Concen: 382.194 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: VX005725.D
 Acq: 01 Nov 2018 13:24

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 88 Resp: 18273
 Ion Ratio Lower Upper
 88 100
 43 34.9 27.4 41.0
 58 74.4 59.4 89.2

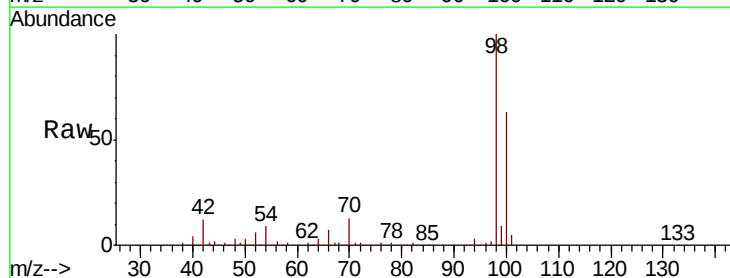


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

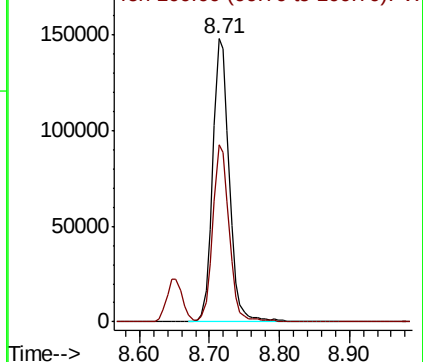
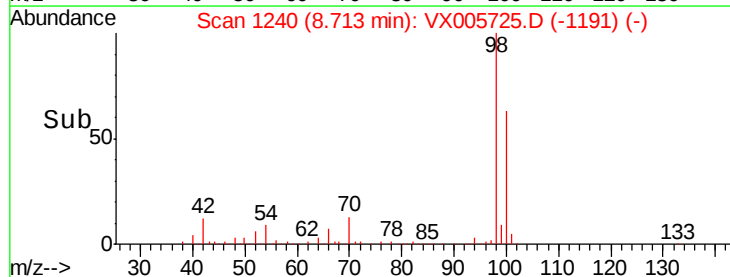


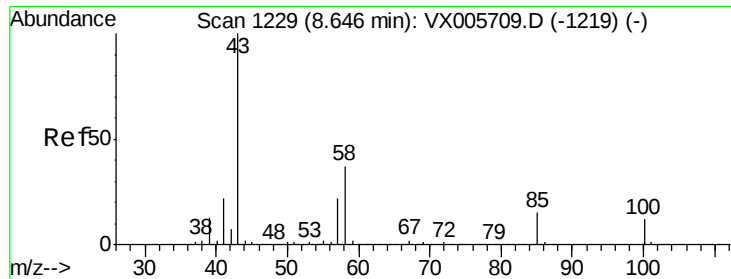
#50
 Toluene-d8
 Concen: 44.369 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX005725.D
 Acq: 01 Nov 2018 13:24

Tgt Ion: 98 Resp: 242290
 Ion Ratio Lower Upper
 98 100
 100 62.8 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: 89.669 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Instrument :

MSVOA_X

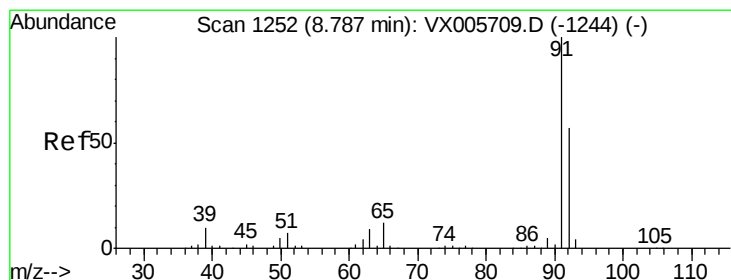
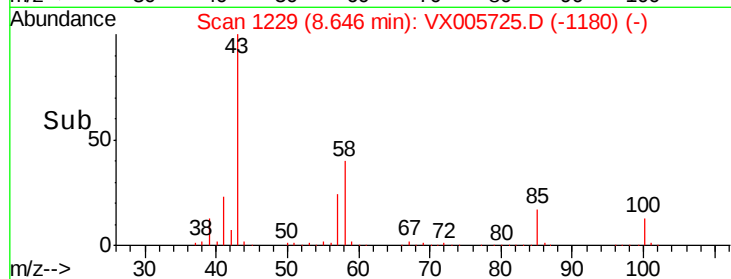
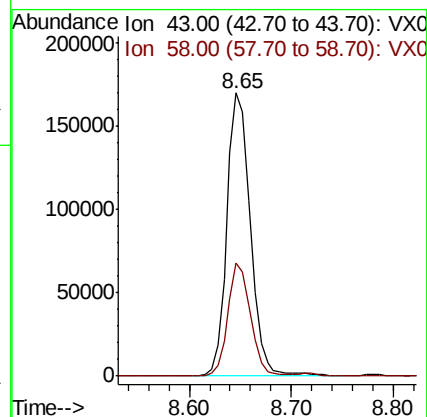
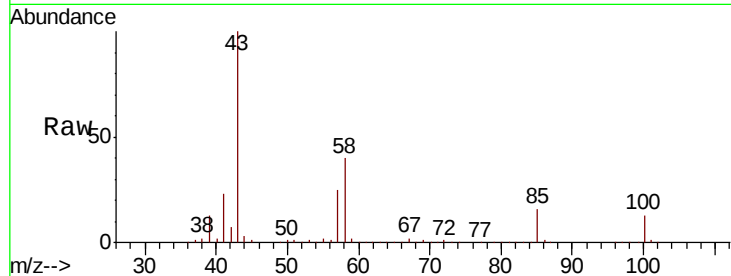
ClientSampleId :

Tot Ion: 43 Resp: 271237

Ion Ratio Lower Upper

43 100

58 38.3 29.7 44.5



#52

Toluene

Concen: 18.523 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005725.D

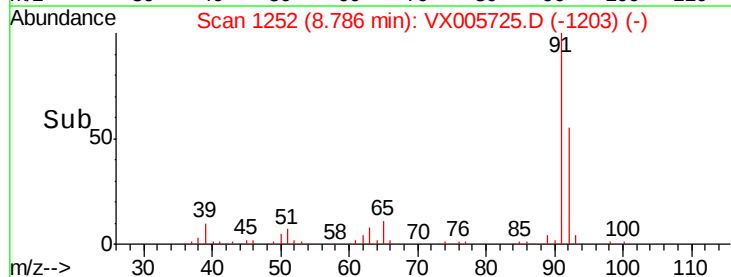
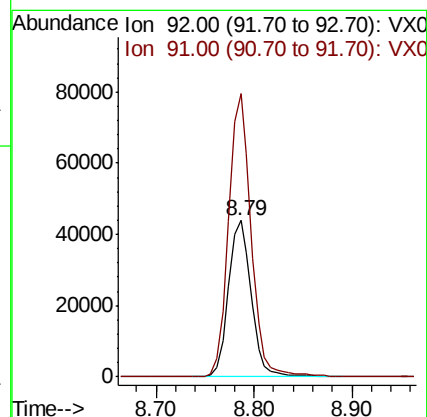
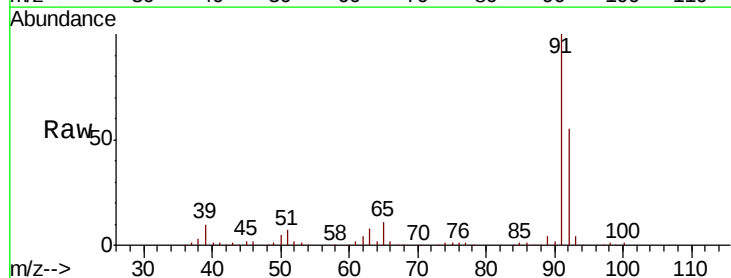
Acq: 01 Nov 2018 13:24

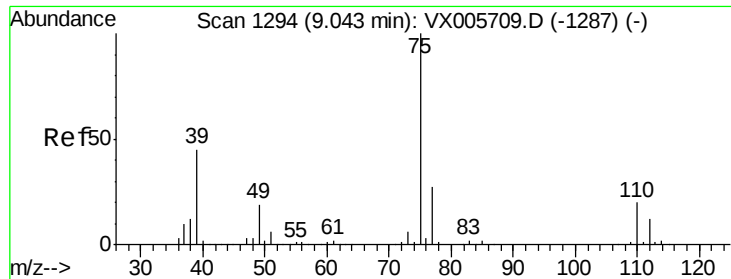
Tgt Ion: 92 Resp: 71407

Ion Ratio Lower Upper

92 100

91 178.6 140.4 210.6

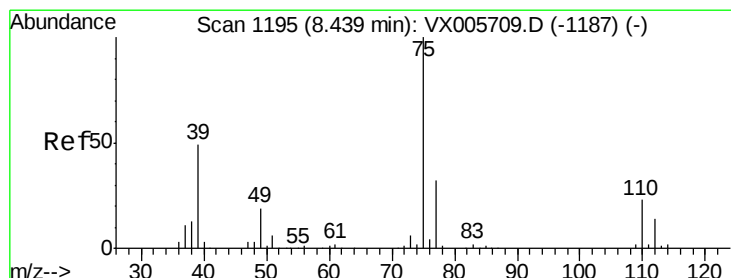
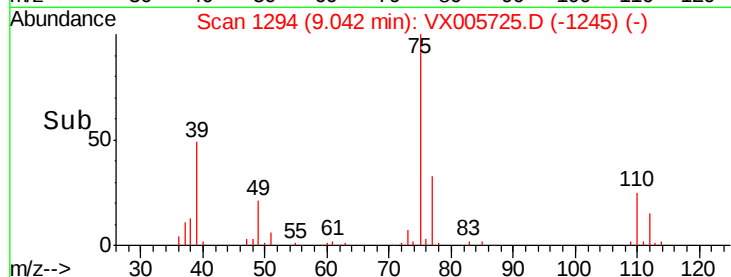
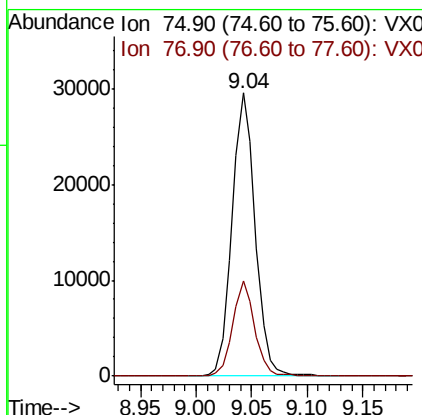
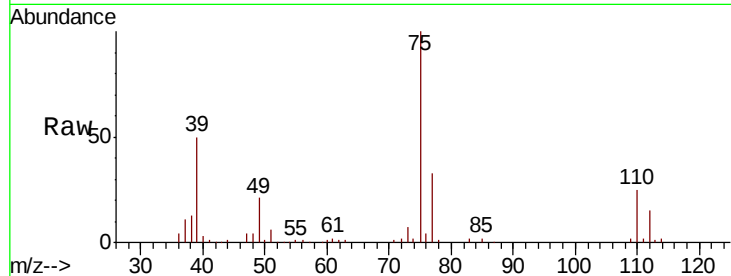




#53
 t-1,3-Dichloropropene
 Concen: 17.953 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX005725.D
 Acq: 01 Nov 2018 13:24

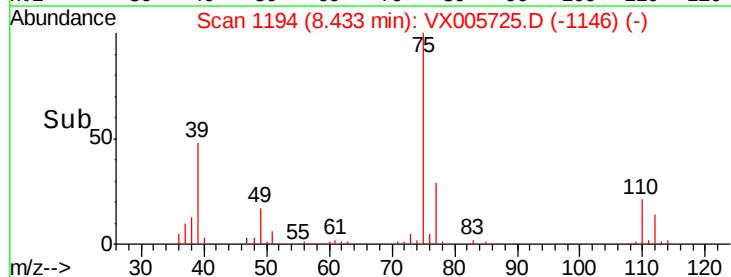
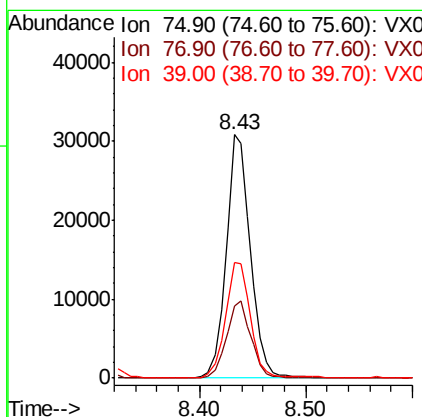
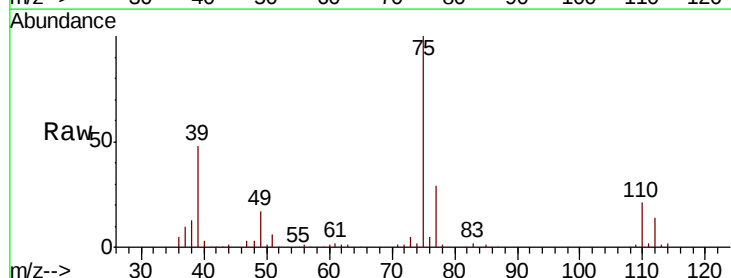
Instrument :
 MSVOA_X
 ClientSampleId :

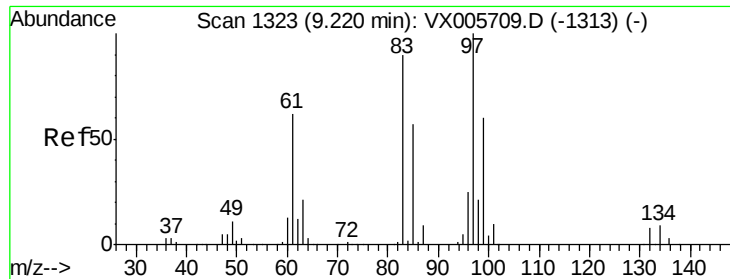
Tot Ion: 75 Resp: 42599
 Ion Ratio Lower Upper
 75 100
 77 33.4 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 19.184 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: VX005725.D
 Acq: 01 Nov 2018 13:24

Tgt Ion: 75 Resp: 48769
 Ion Ratio Lower Upper
 75 100
 77 29.4 25.2 37.8
 39 47.3 38.2 57.2





#55

1,1,2-Trichloroethane

Concen: 17.929 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 97 Resp: 30016

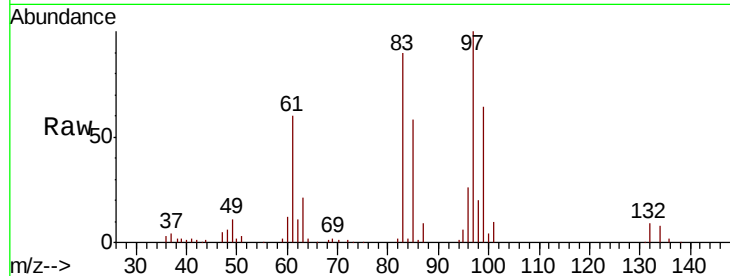
Ion Ratio Lower Upper

97 100

83 90.4 70.7 106.1

85 57.5 45.8 68.6

99 64.2 51.8 77.8

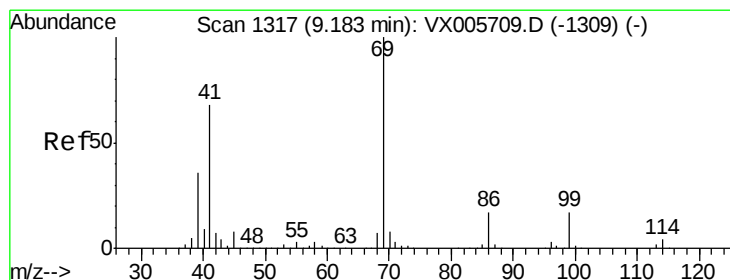
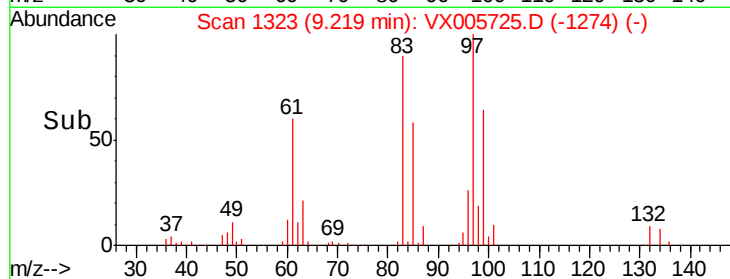
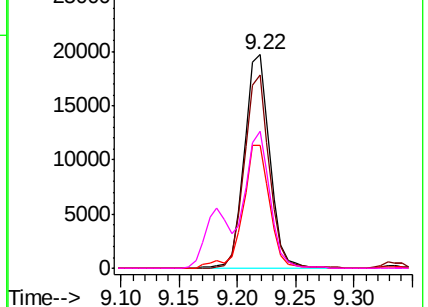


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 18.101 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

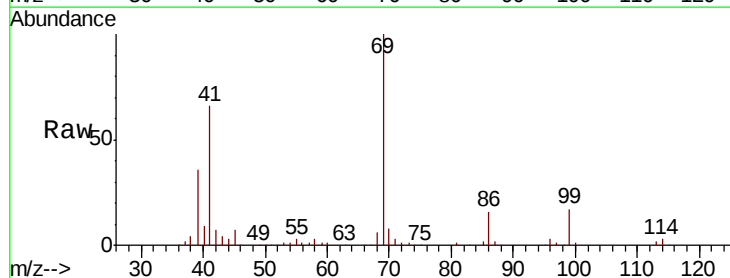
Tgt Ion: 69 Resp: 46729

Ion Ratio Lower Upper

69 100

41 67.0 57.0 85.6

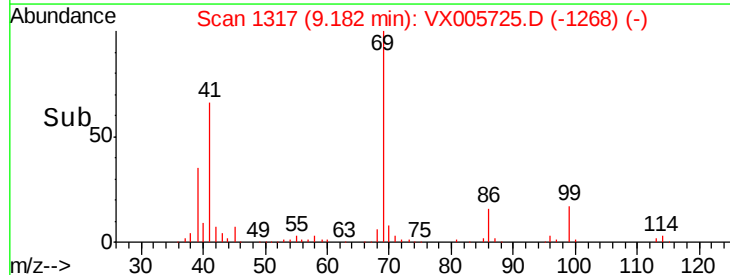
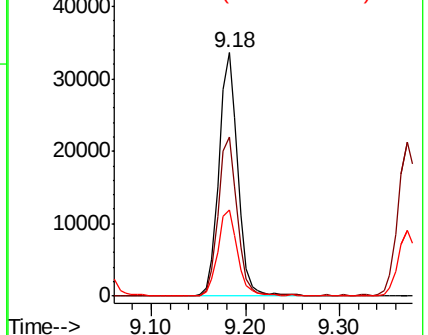
39 36.2 28.3 42.5

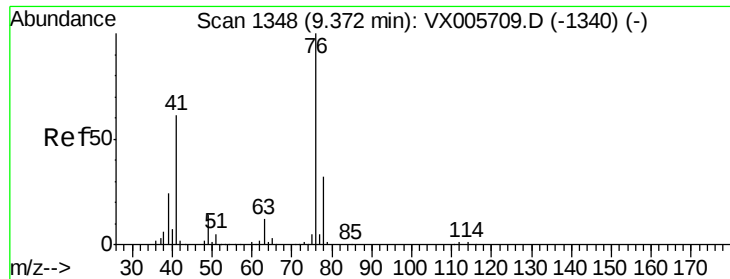


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 18.341 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Instrument :

MSVOA_X

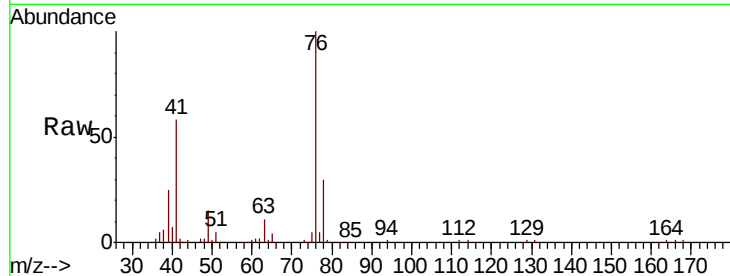
ClientSampleId :

Tot Ion: 76 Resp: 52747

Ion Ratio Lower Upper

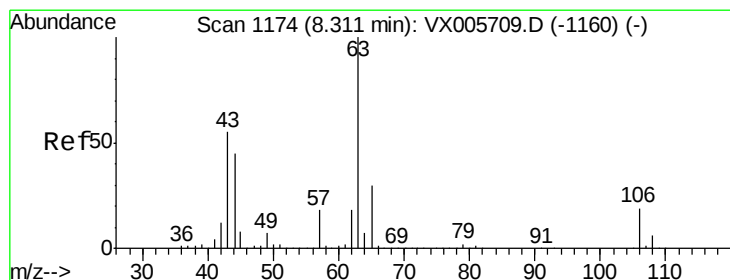
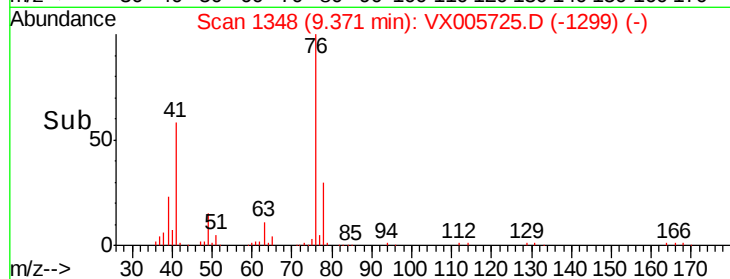
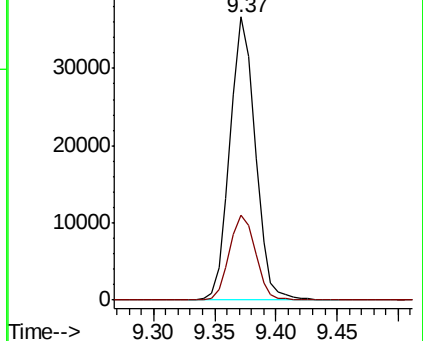
76 100

78 31.2 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: 95.413 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.01 min

Lab File: VX005725.D

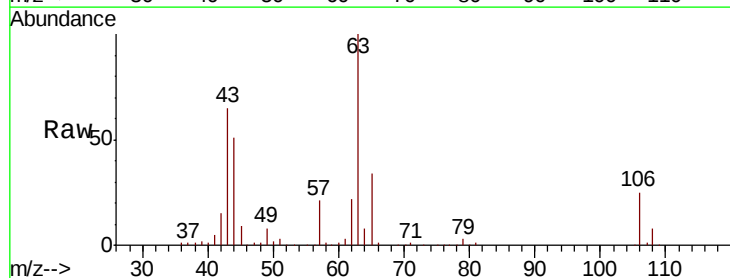
Acq: 01 Nov 2018 13:24

Tgt Ion: 63 Resp: 143245

Ion Ratio Lower Upper

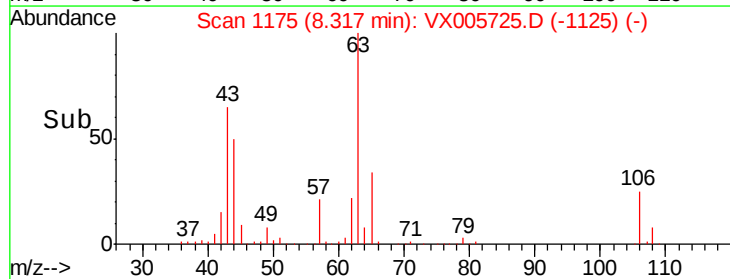
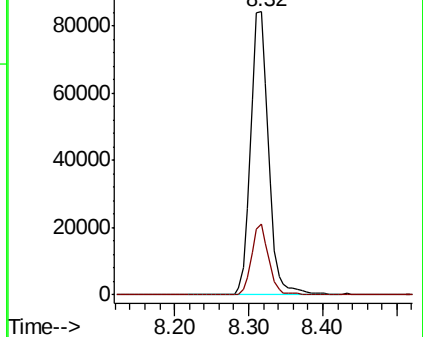
63 100

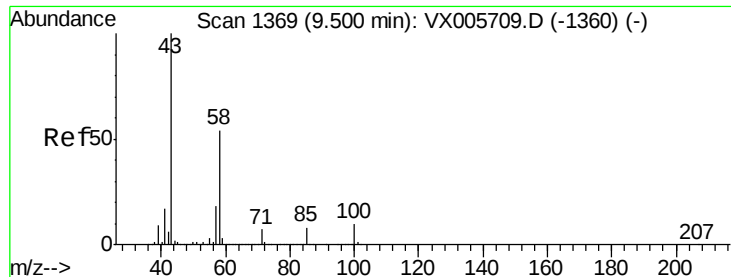
106 23.8 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

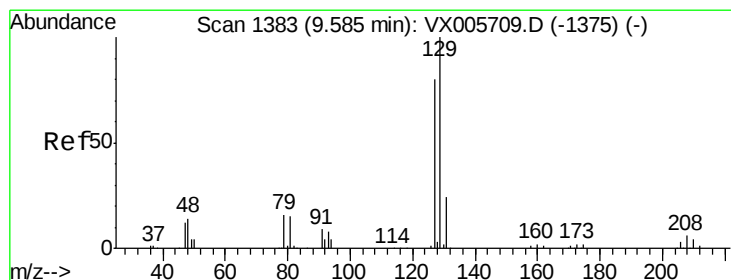
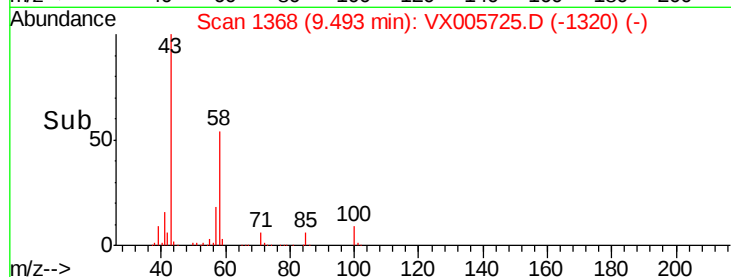
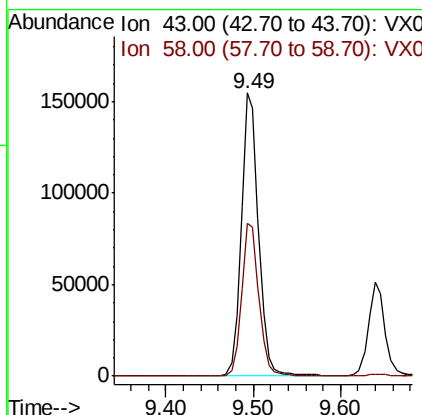
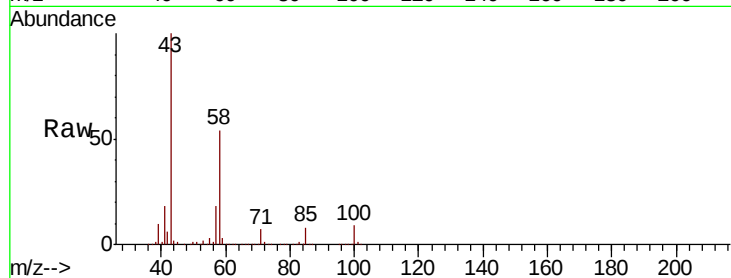




#59
2-Hexanone
Concen: 86.416 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

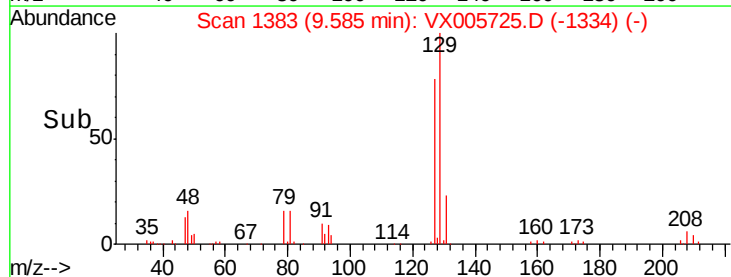
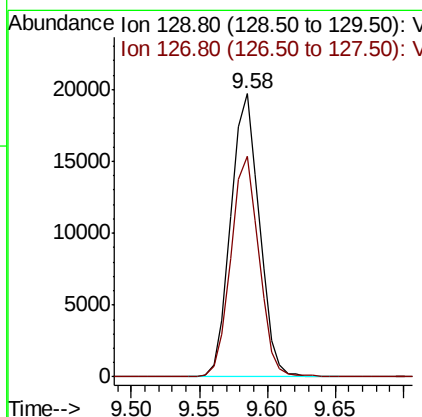
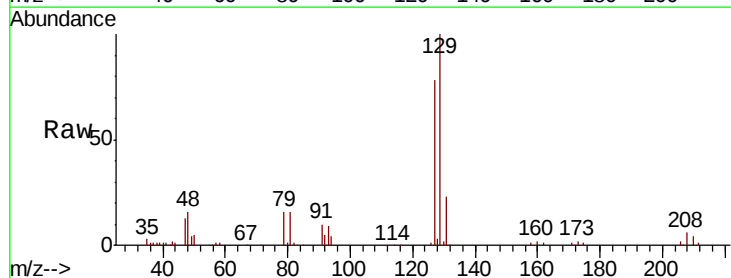
Instrument :
MSVOA_X
ClientSampleId :

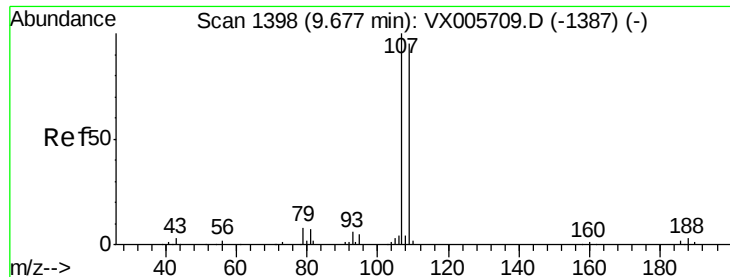
Tot Ion: 43 Resp: 212725
Ion Ratio Lower Upper
43 100
58 54.4 25.9 77.8



#60
Dibromochloromethane
Concen: 17.815 ug/l
RT: 9.58 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Tgt Ion: 129 Resp: 28821
Ion Ratio Lower Upper
129 100
127 76.8 38.9 116.7





#61

1,2-Dibromoethane

Concen: 18.138 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.01 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Instrument :

MSVOA_X

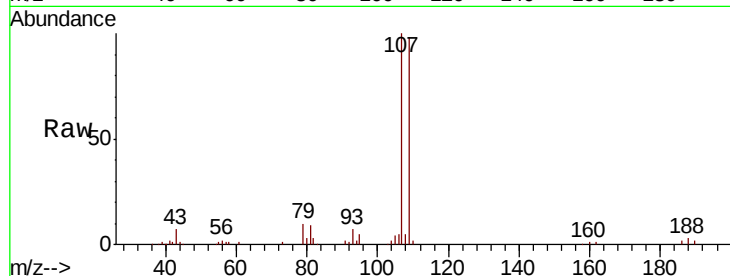
ClientSampleId :

Tot Ion:107 Resp: 30943

Ion Ratio Lower Upper

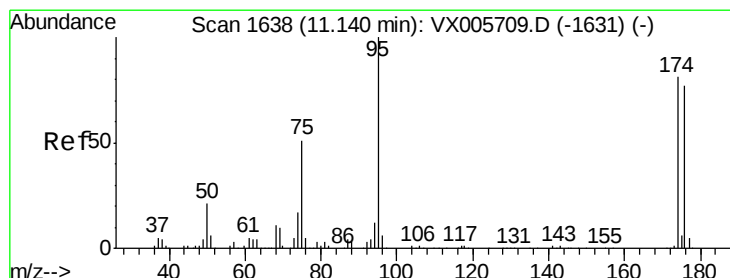
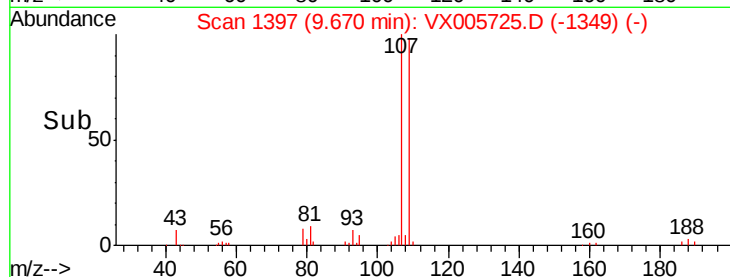
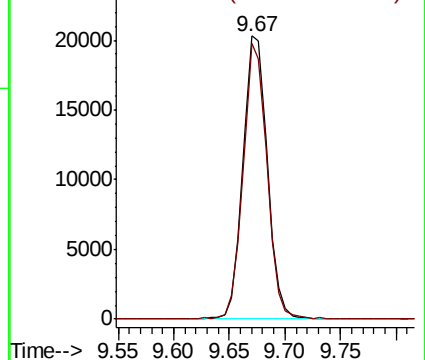
107 100

109 95.1 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: 42.945 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

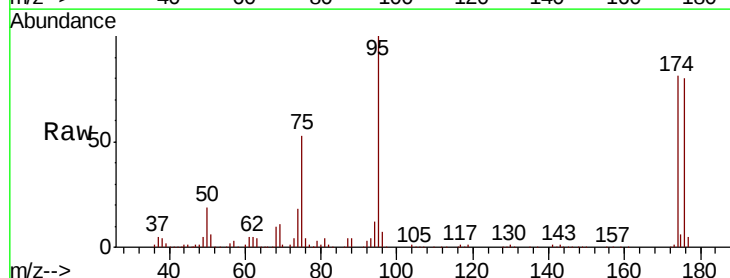
Tgt Ion: 95 Resp: 86551

Ion Ratio Lower Upper

95 100

174 78.2 0.0 184.4

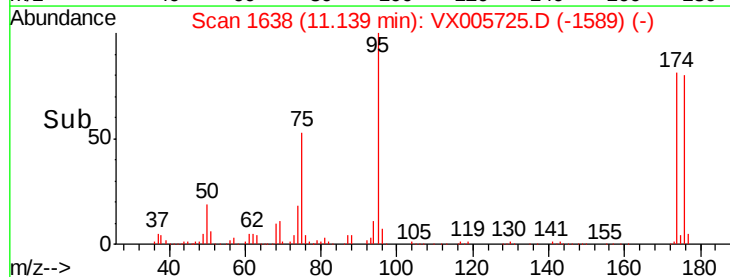
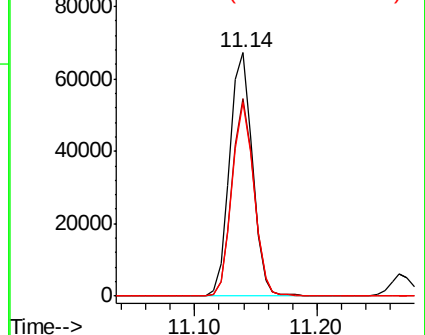
176 76.7 0.0 177.4

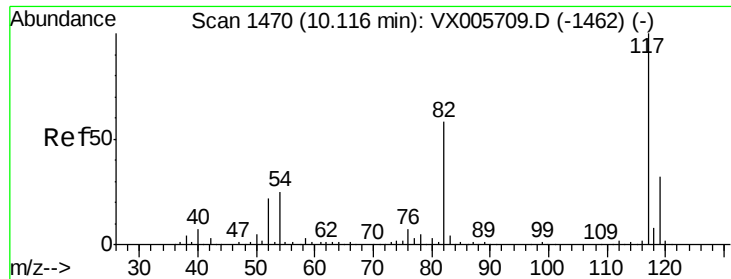


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

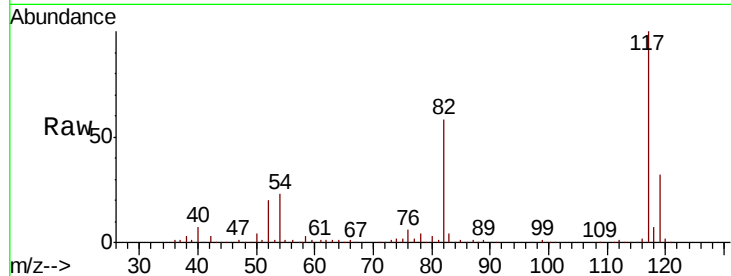




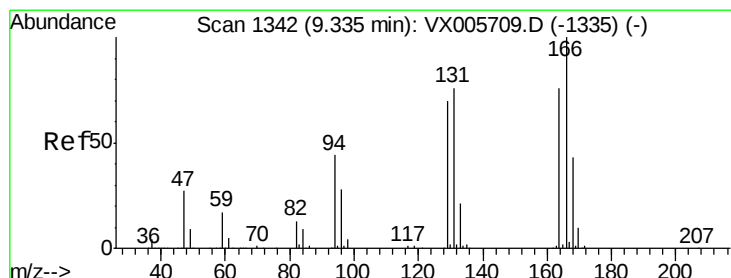
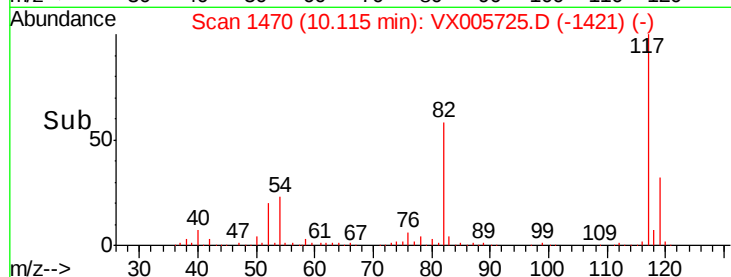
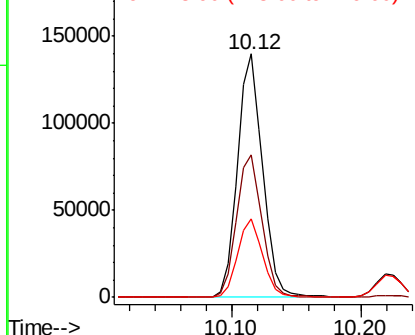
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 189081
Ion Ratio Lower Upper
117 100
82 58.4 44.1 66.1
119 32.2 26.2 39.2

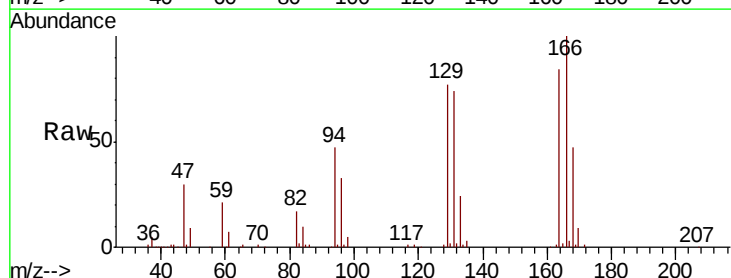


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

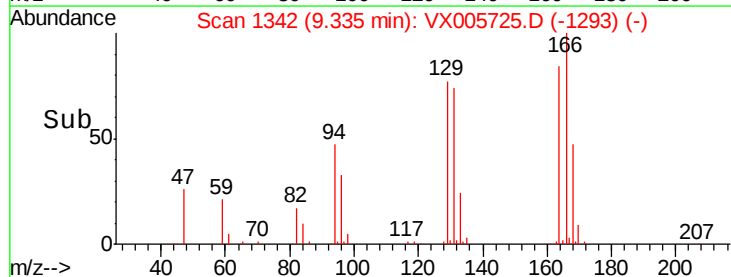
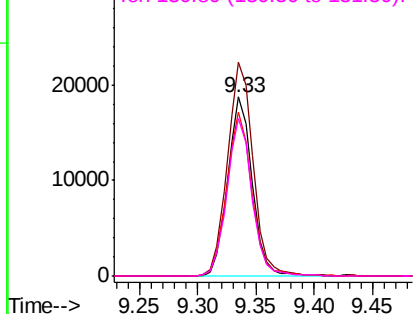


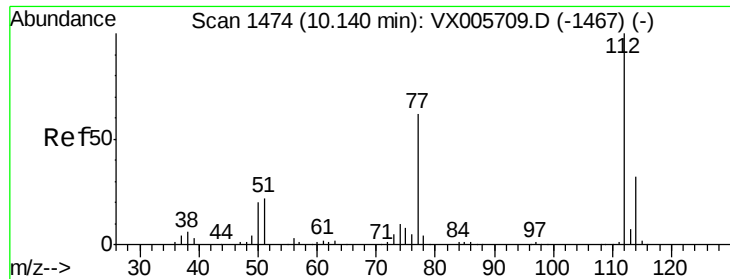
#64
Tetrachloroethene
Concen: 19.897 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Tgt Ion:164 Resp: 27485
Ion Ratio Lower Upper
164 100
166 119.5 101.9 152.9
129 91.7 72.6 109.0
131 88.4 71.1 106.7



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

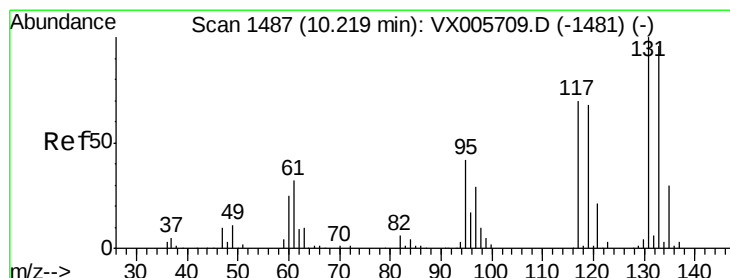
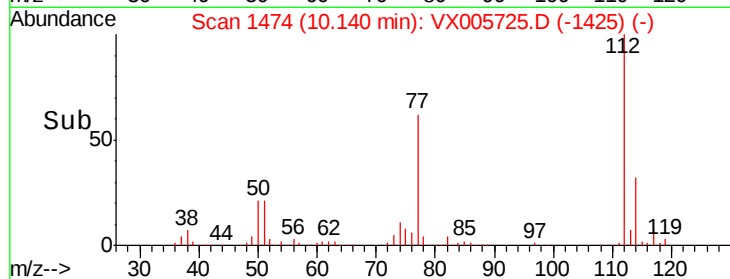
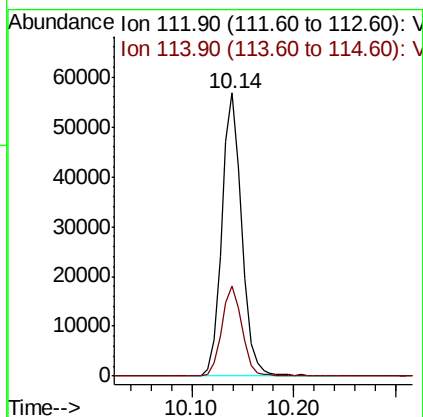
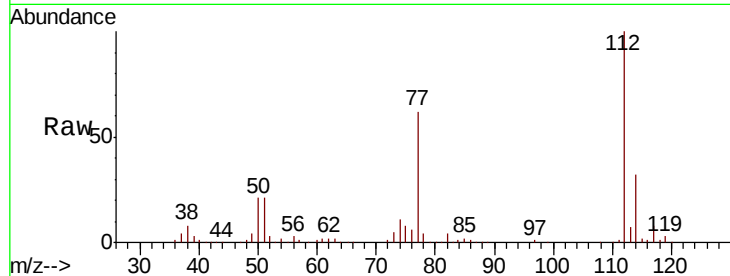




#65
Chlorobenzene
Concen: 19.219 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

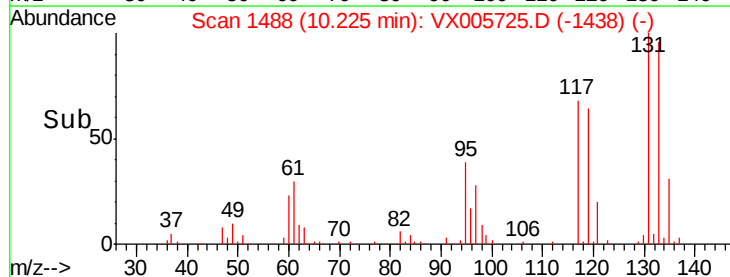
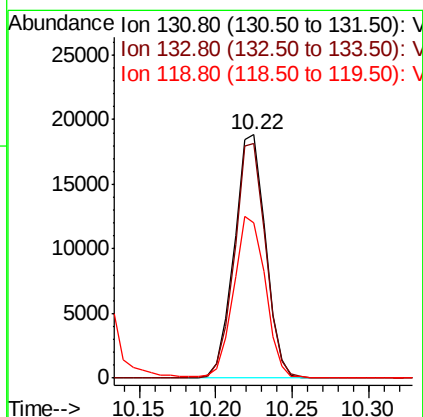
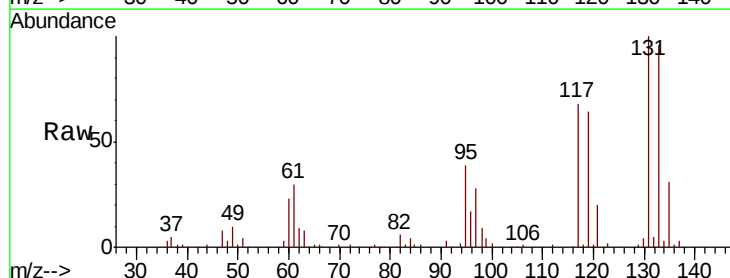
Instrument :
MSVOA_X
ClientSampleId :

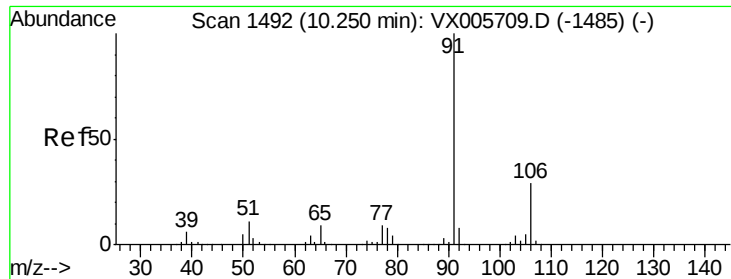
Tot Ion:112 Resp: 77223
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.382 ug/l
RT: 10.22 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Tgt Ion:131 Resp: 26660
Ion Ratio Lower Upper
131 100
133 95.8 47.5 142.5
119 67.5 31.8 95.3





#67

Ethyl Benzene

Concen: 19.844 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Instrument :

MSVOA_X

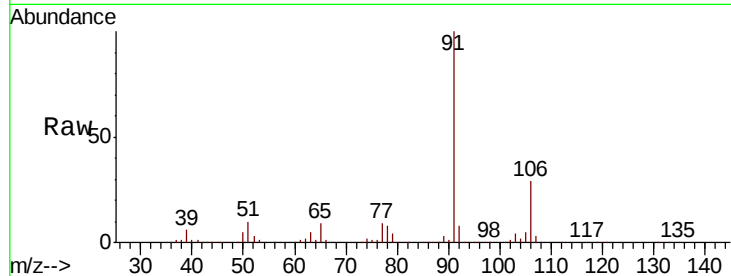
ClientSampleId :

Tot Ion: 91 Resp: 136075

Ion Ratio Lower Upper

91 100

106 29.4 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX005709.D (-1485) (-)

Ion 106.00 (105.70 to 106.70): VX005709.D (-1485) (-)

150000

100000

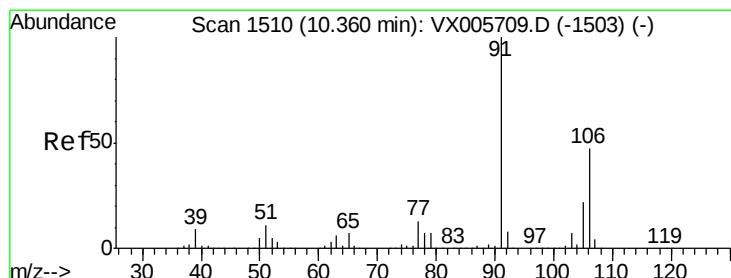
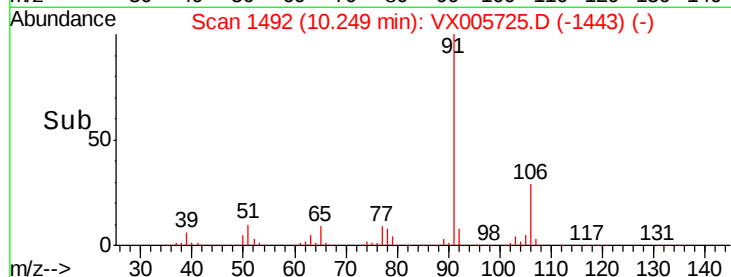
50000

0

10.25

10.35

Time-->



#68

m/p-Xylenes

Concen: 40.040 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005725.D

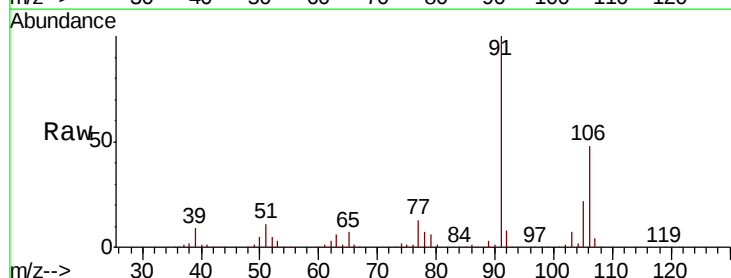
Acq: 01 Nov 2018 13:24

Tgt Ion: 106 Resp: 102025

Ion Ratio Lower Upper

106 100

91 211.4 164.2 246.4



Abundance Ion 106.00 (105.70 to 106.70): VX005709.D (-1503) (-)

Ion 91.00 (90.70 to 91.70): VX005709.D (-1503) (-)

150000

100000

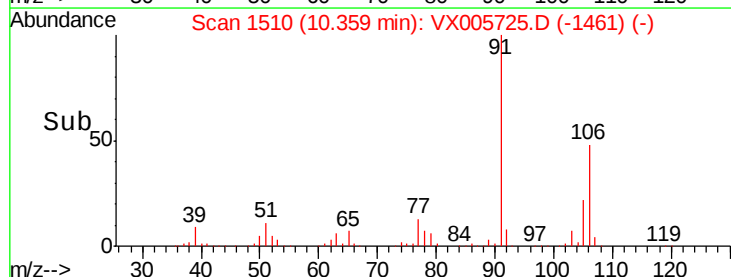
50000

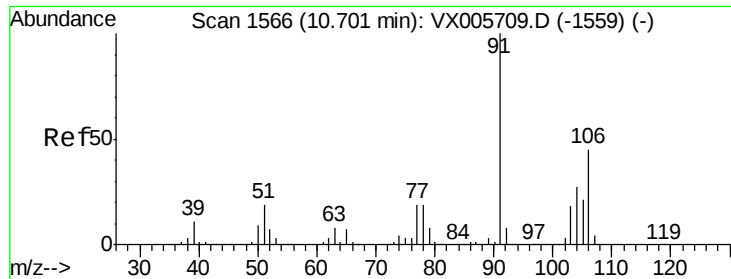
0

10.36

10.40

Time-->

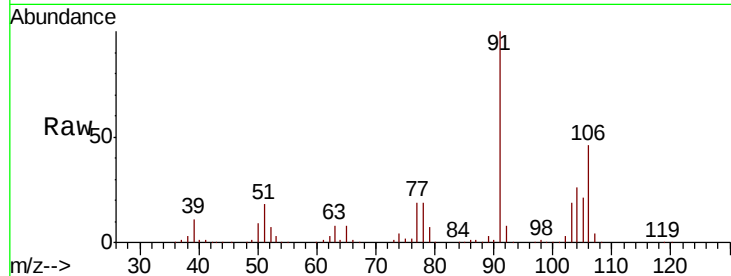




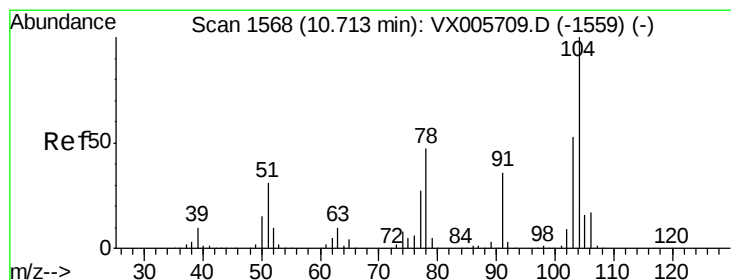
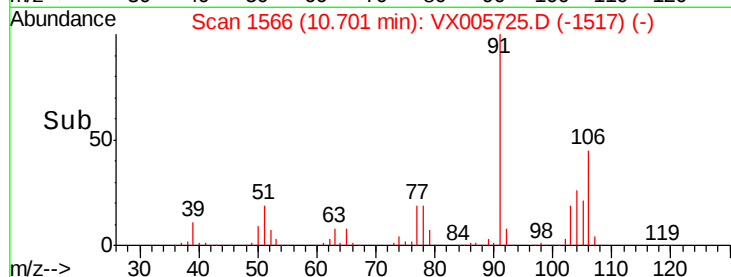
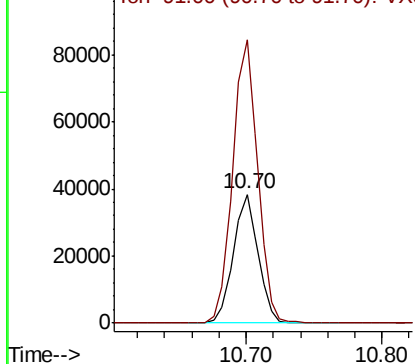
#69
o-Xylene
Concen: 19.971 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 48670
Ion Ratio Lower Upper
106 100
91 222.8 108.5 325.5

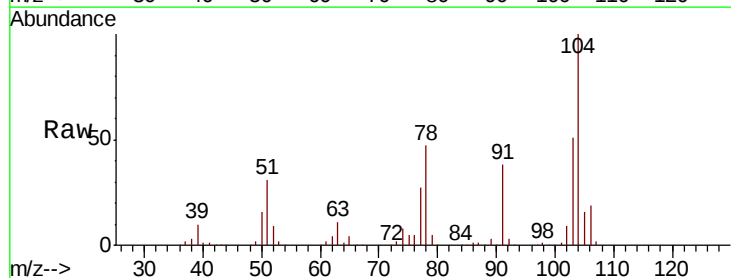


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

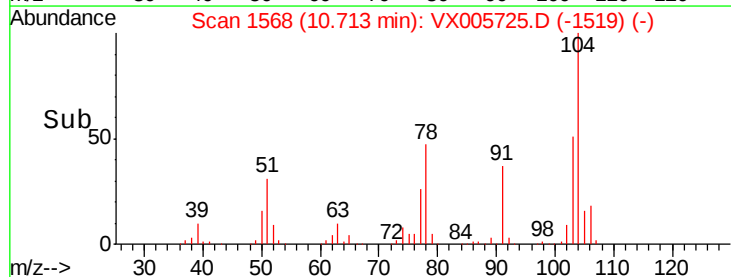
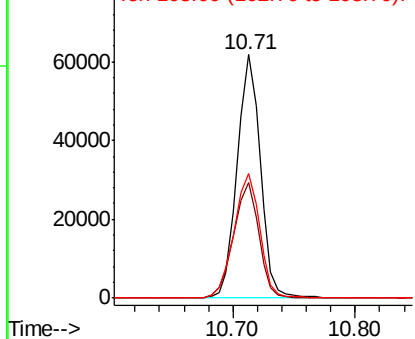


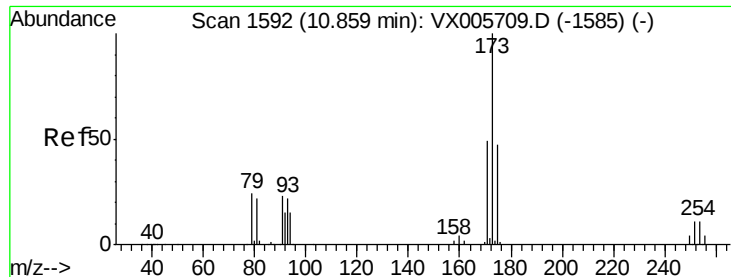
#70
Styrene
Concen: 20.017 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Tgt Ion:104 Resp: 81025
Ion Ratio Lower Upper
104 100
78 52.3 40.2 60.4
103 57.1 44.9 67.3



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





#71

Bromoform

Concen: 18.559 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

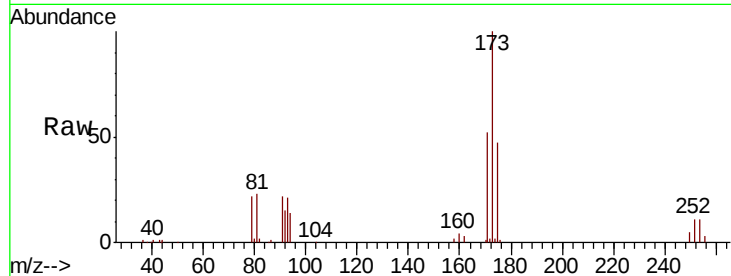
Tot Ion:173 Resp: 20683

Ion Ratio Lower Upper

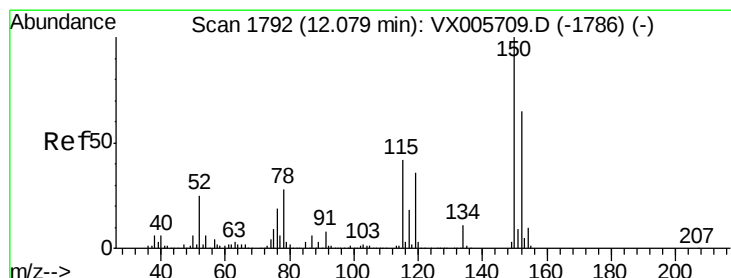
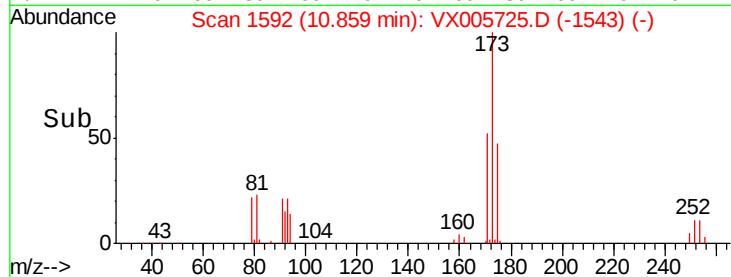
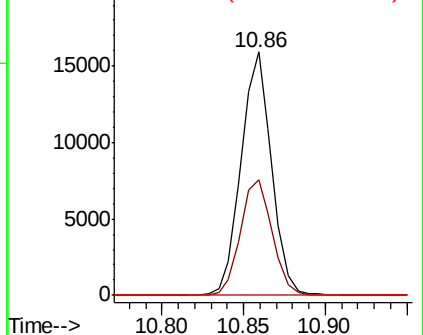
173 100

175 49.4 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: VX005725.D

Acq: 01 Nov 2018 13:24

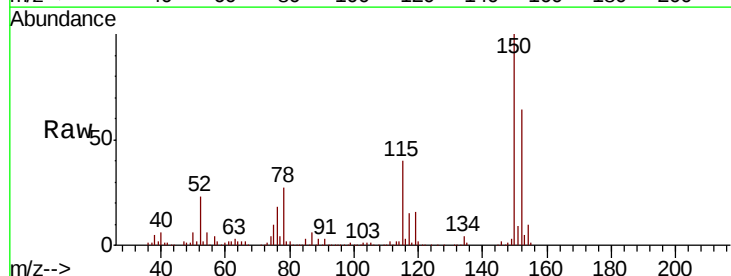
Tgt Ion:152 Resp: 95588

Ion Ratio Lower Upper

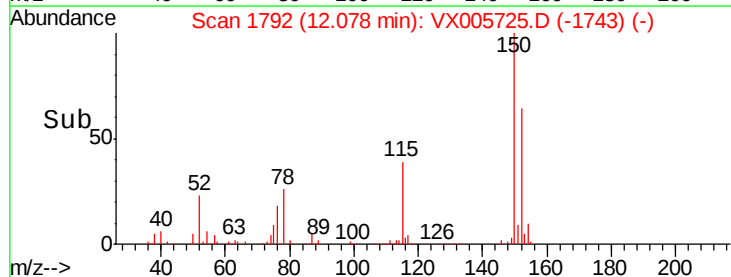
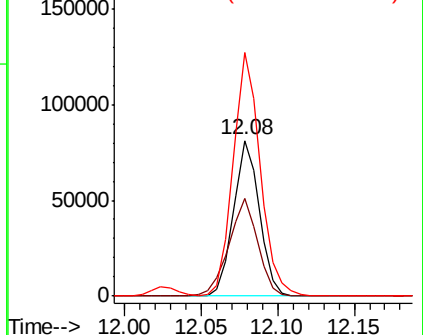
152 100

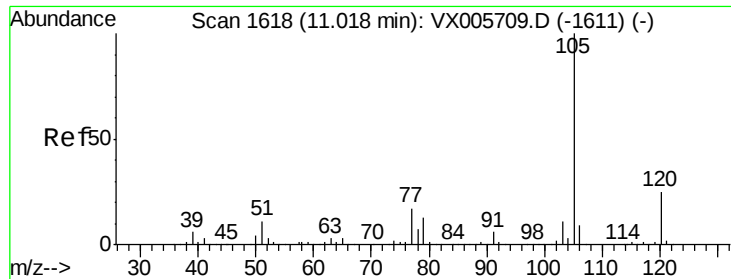
115 69.6 39.4 118.1

150 163.5 0.0 346.4



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





#73

Isopropylbenzene

Concen: 21.225 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Instrument :

MSVOA_X

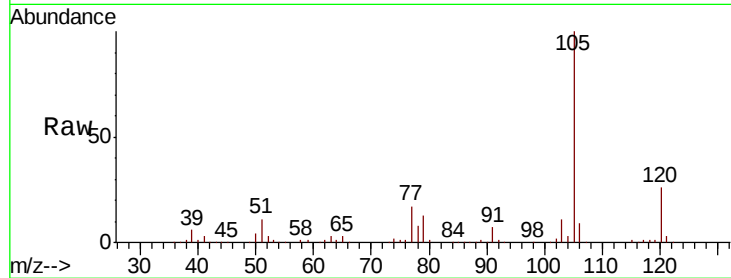
ClientSampleId :

Tot Ion:105 Resp: 133852

Ion Ratio Lower Upper

105 100

120 25.7 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

100000

80000

60000

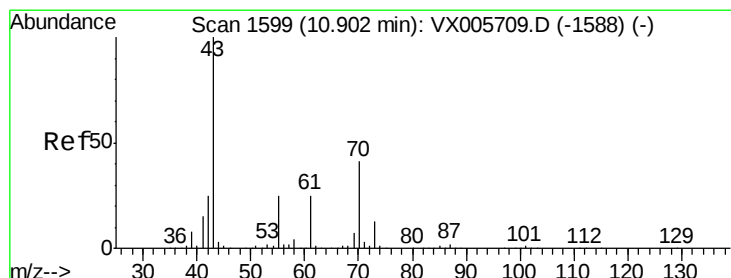
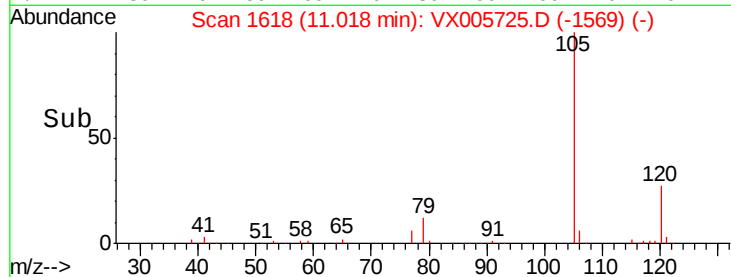
40000

20000

0

11.00 11.10

Time-->



#74

N-ethyl acetate

Concen: 19.603 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Tgt Ion: 43 Resp: 65816

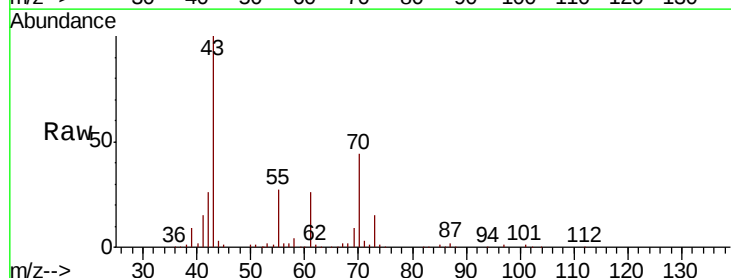
Ion Ratio Lower Upper

43 100

70 41.4 31.6 47.4

55 25.9 19.7 29.5

61 24.0 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

80000

60000

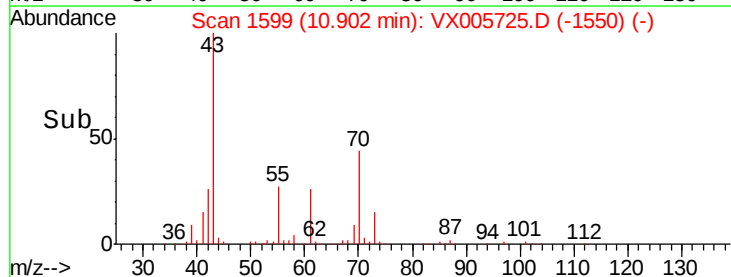
40000

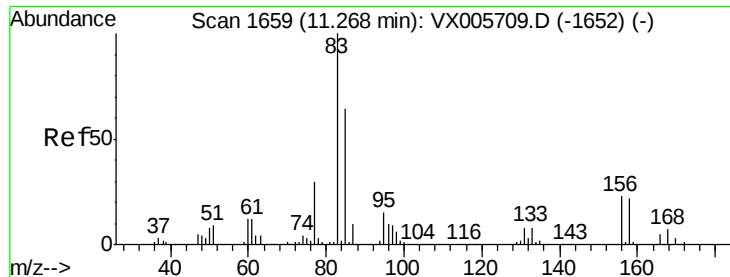
20000

0

10.80 10.90 11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.607 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

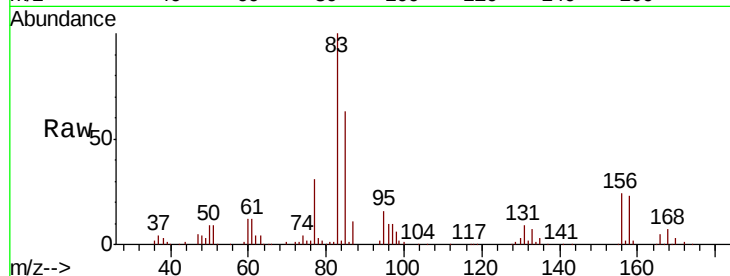
Tot Ion: 83 Resp: 51299

Ion Ratio Lower Upper

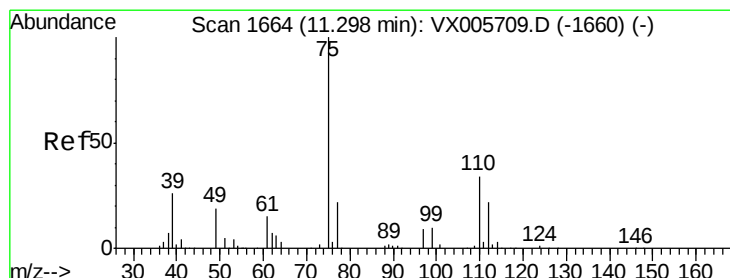
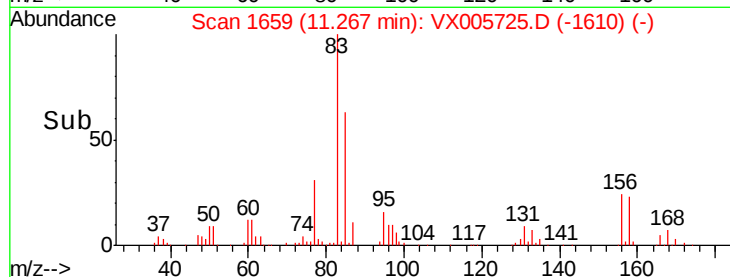
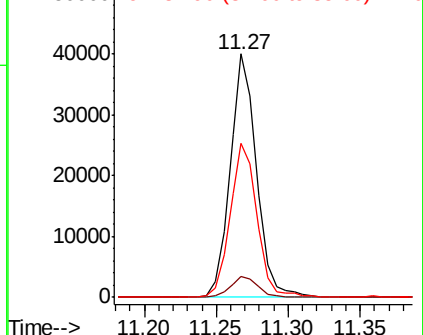
83 100

131 8.9 5.3 15.9

85 64.6 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.576 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005725.D

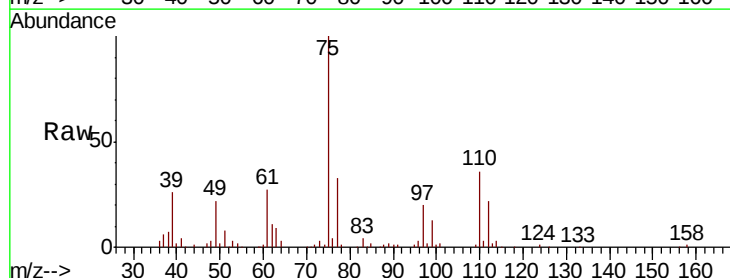
Acq: 01 Nov 2018 13:24

Tgt Ion: 75 Resp: 58509

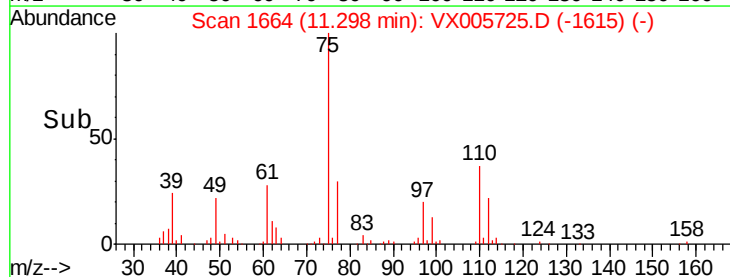
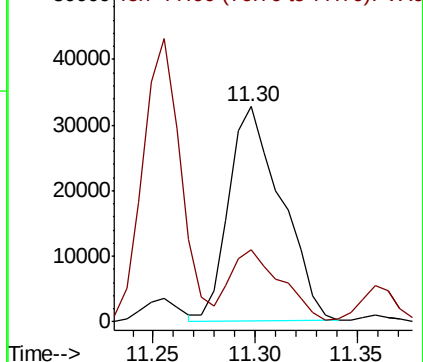
Ion Ratio Lower Upper

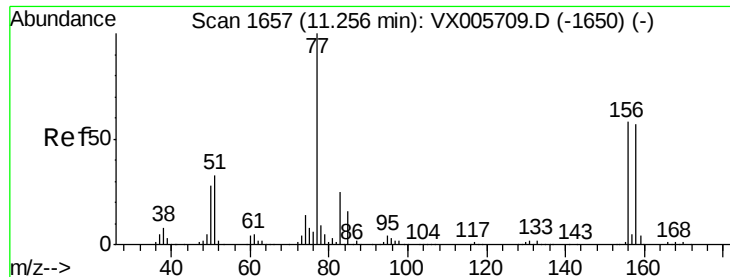
75 100

77 32.5 20.5 61.6



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





#77

Bromobenzene

Concen: 20.633 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Instrument :

MSVOA_X

ClientSampled :

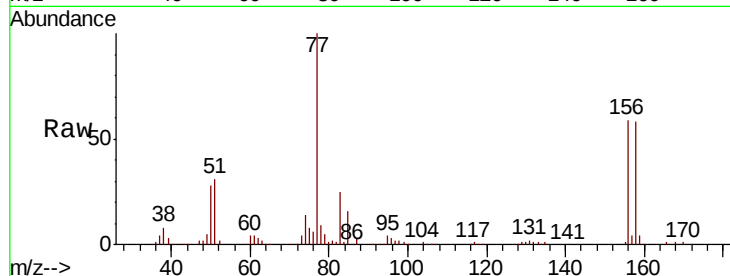
Tot Ion:156 Resp: 32278

Ion Ratio Lower Upper

156 100

77 172.4 74.8 224.4

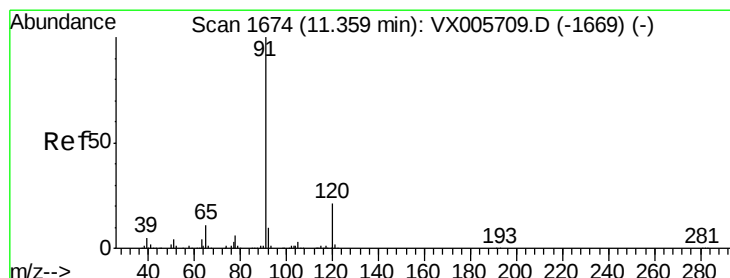
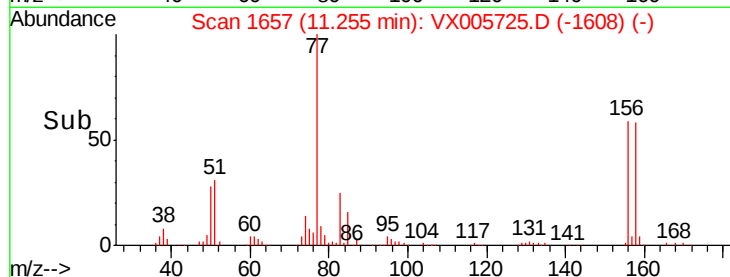
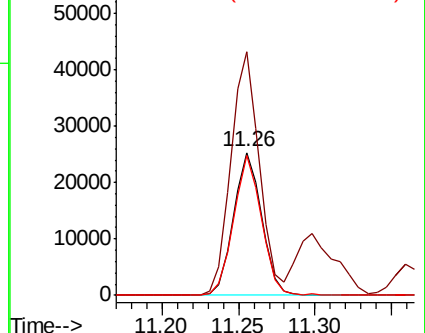
158 96.8 49.1 147.3



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: 20.856 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005725.D

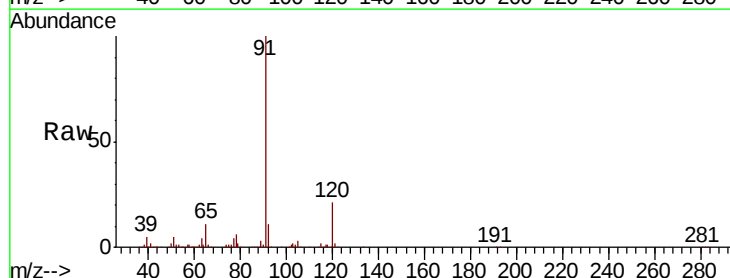
Acq: 01 Nov 2018 13:24

Tgt Ion: 91 Resp: 160000

Ion Ratio Lower Upper

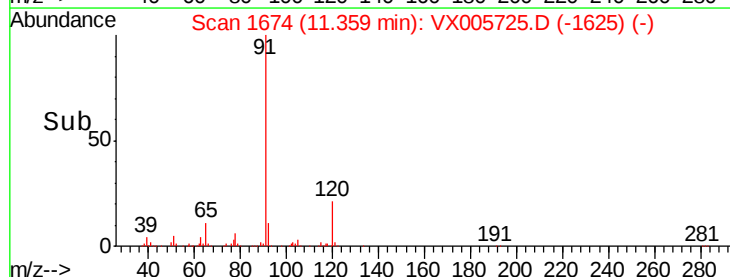
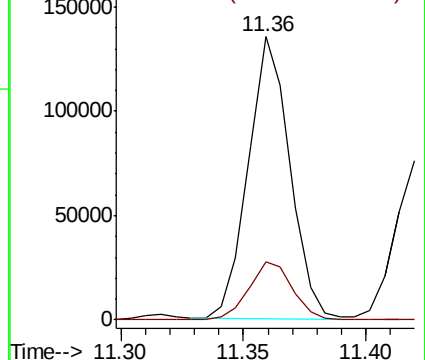
91 100

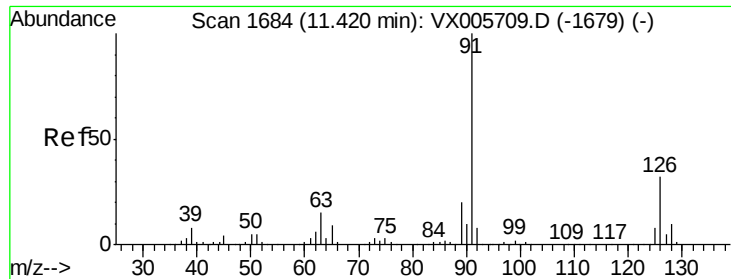
120 21.9 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

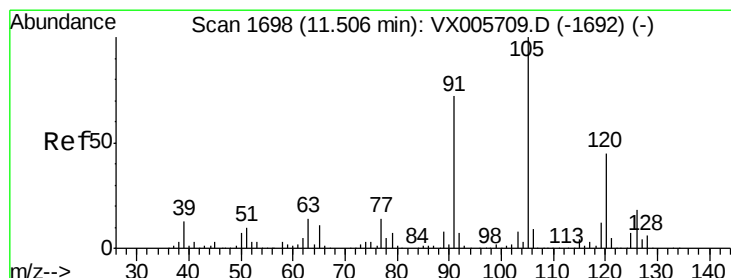
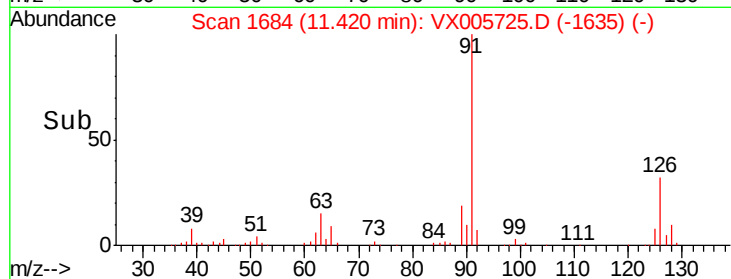
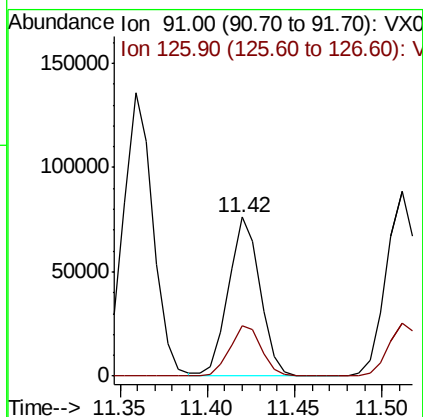
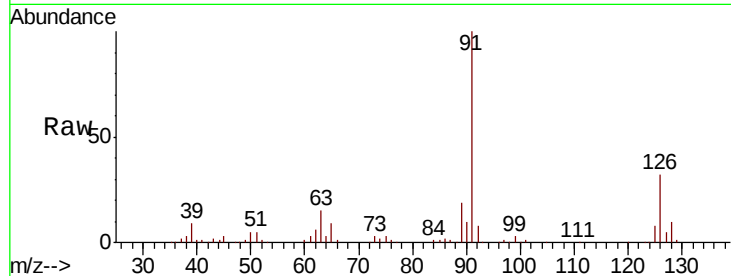




#79
 2-Chlorotoluene
 Concen: 20.756 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005725.D
 Acq: 01 Nov 2018 13:24

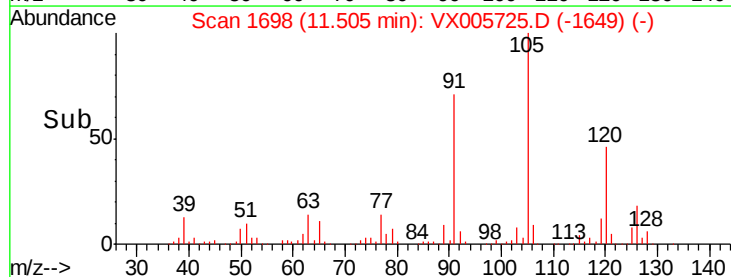
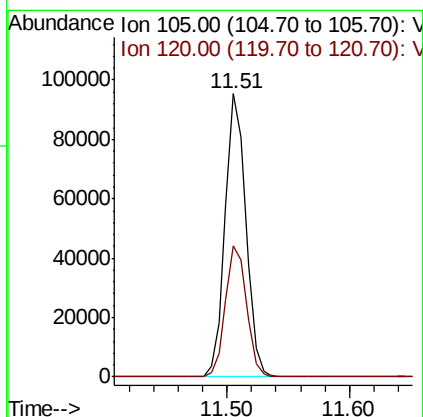
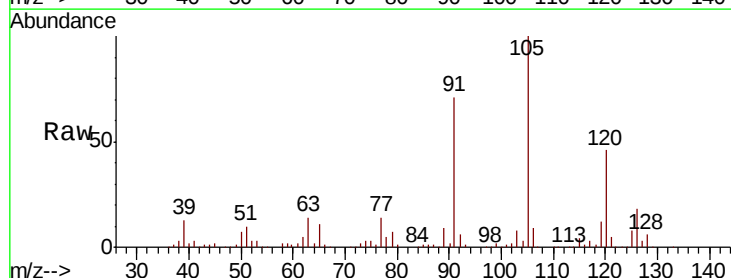
Instrument :
 MSVOA_X
 ClientSampled :

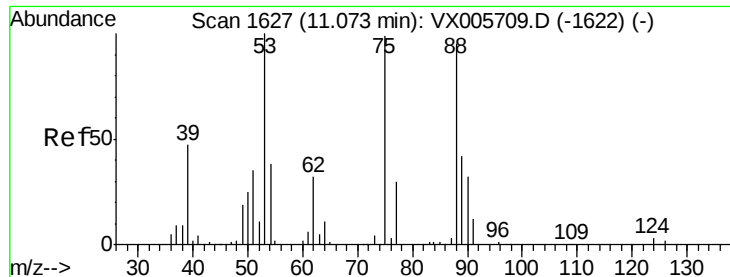
Tot Ion: 91 Resp: 95102
 Ion Ratio Lower Upper
 91 100
 126 32.2 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 20.967 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005725.D
 Acq: 01 Nov 2018 13:24

Tgt Ion: 105 Resp: 112272
 Ion Ratio Lower Upper
 105 100
 120 47.1 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 19.632 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

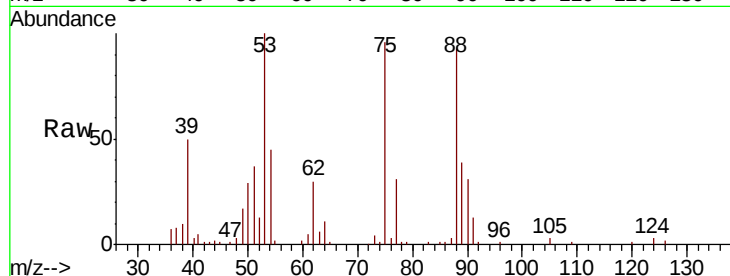
Tot Ion: 75 Resp: 14466

Ion Ratio Lower Upper

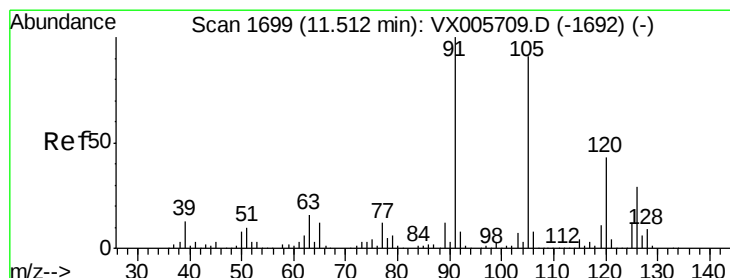
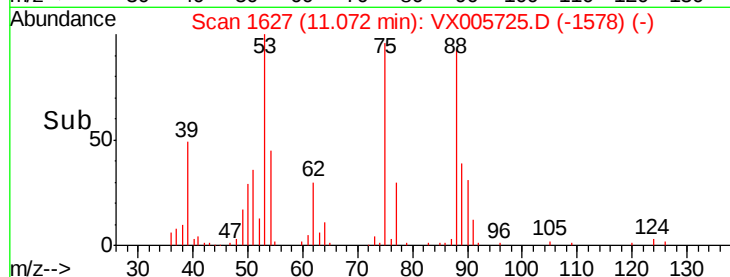
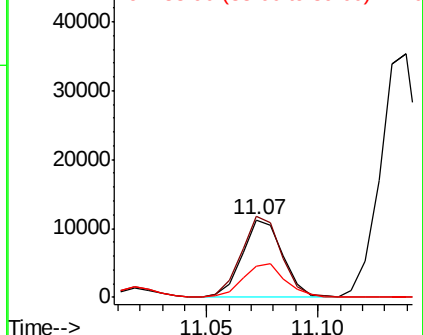
75 100

53 103.4 80.2 120.2

89 45.1 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: 20.467 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005725.D

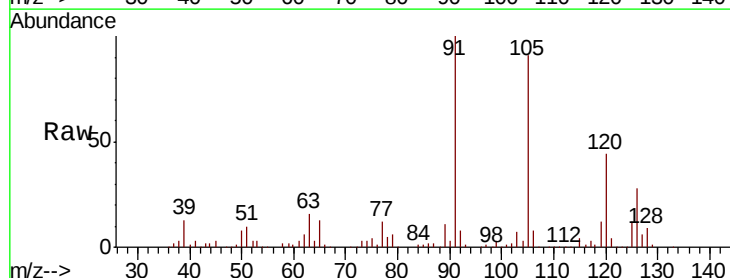
Acq: 01 Nov 2018 13:24

Tgt Ion: 91 Resp: 111957

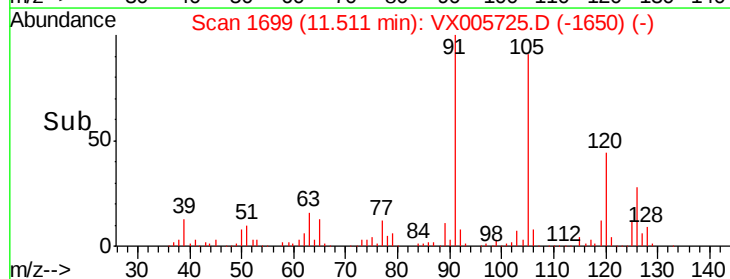
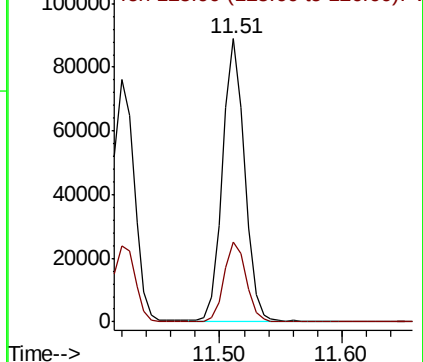
Ion Ratio Lower Upper

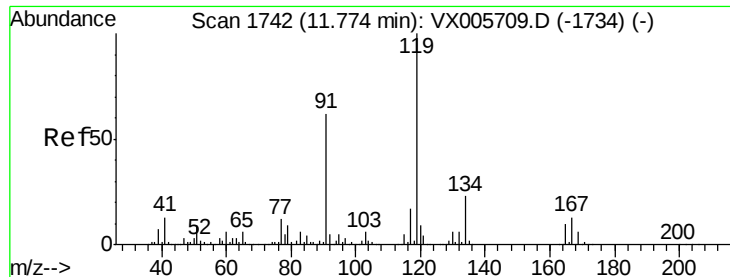
91 100

126 28.4 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

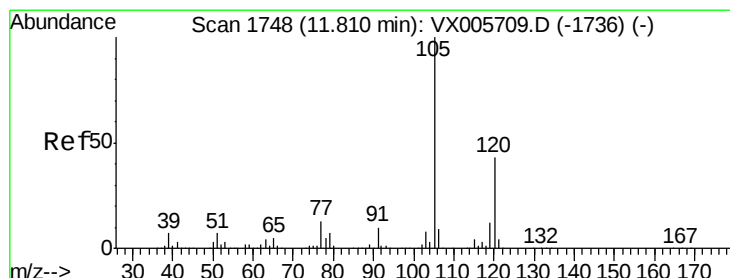
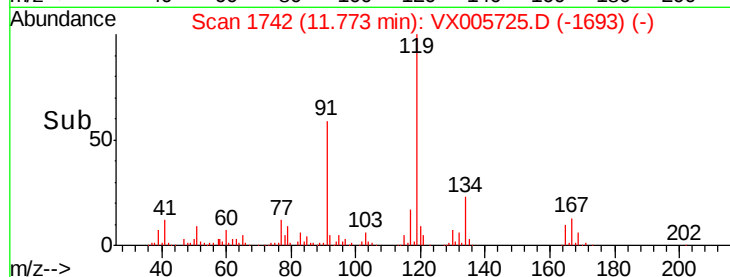
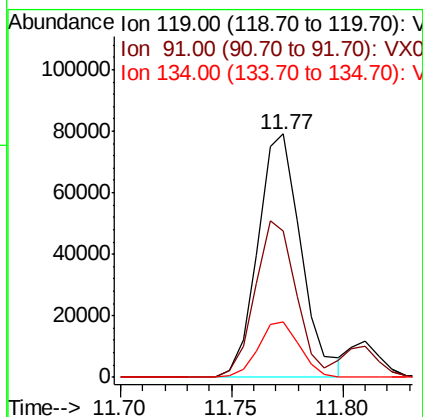
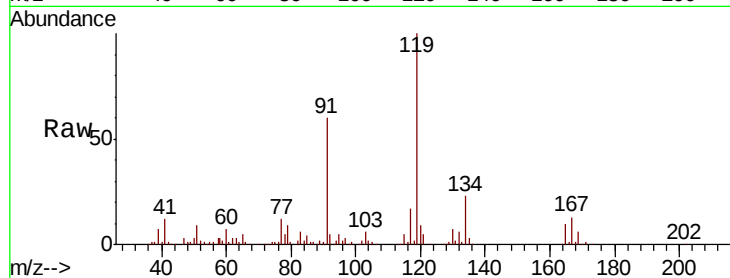




#83
 tert-Butylbenzene
 Concen: 20.911 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005725.D
 Acq: 01 Nov 2018 13:24

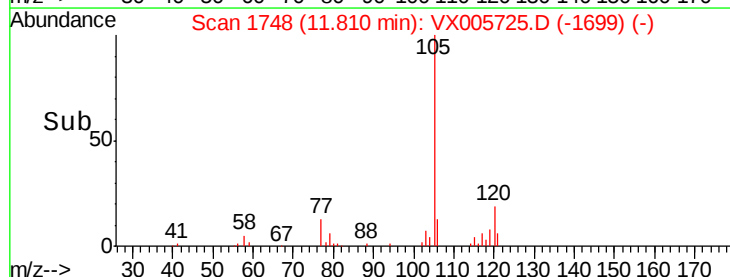
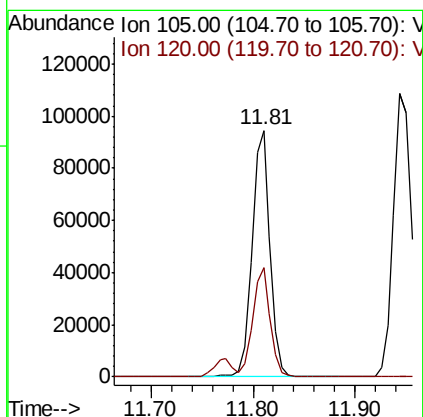
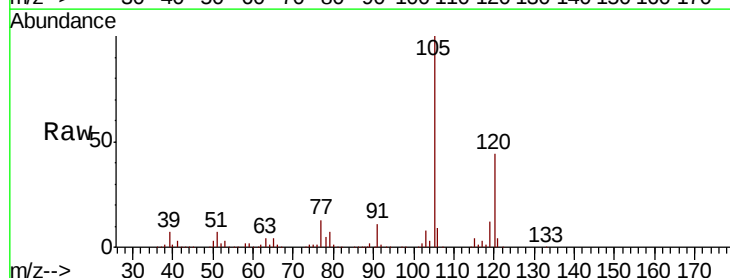
Instrument :
 MSVOA_X
 ClientSampled :

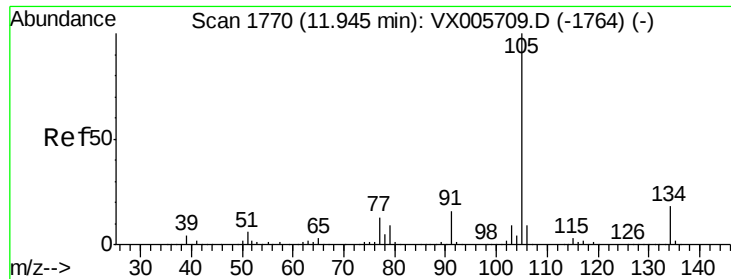
Tot Ion:119 Resp: 106837
 Ion Ratio Lower Upper
 119 100
 91 61.0 28.5 85.5
 134 21.9 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 21.475 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005725.D
 Acq: 01 Nov 2018 13:24

Tgt Ion:105 Resp: 116118
 Ion Ratio Lower Upper
 105 100
 120 43.3 22.4 67.0





#85

sec-Butylbenzene

Concen: 20.624 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Instrument :

MSVOA_X

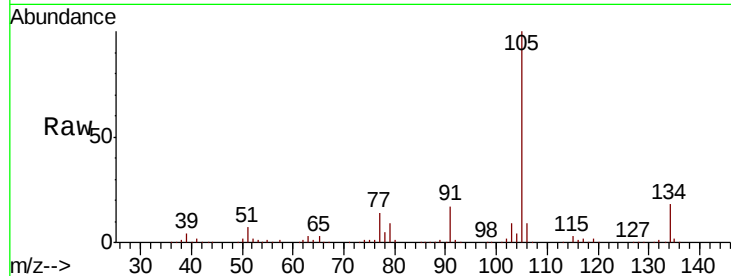
ClientSampleId :

Tot Ion:105 Resp: 135162

Ion Ratio Lower Upper

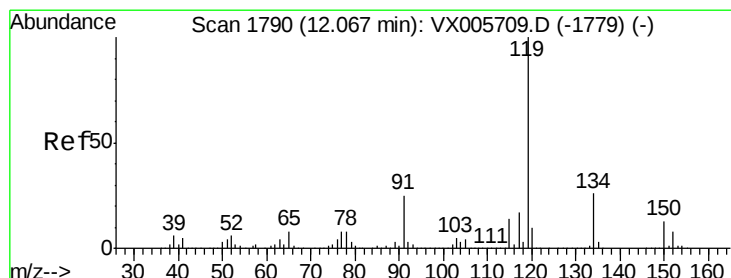
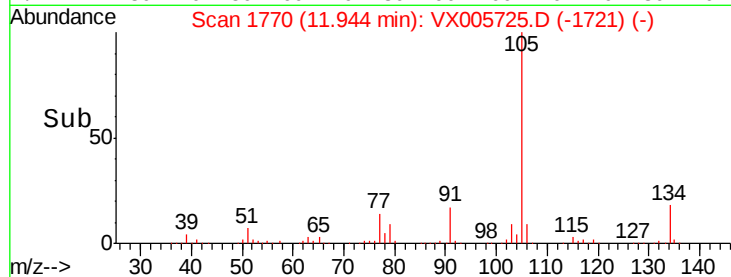
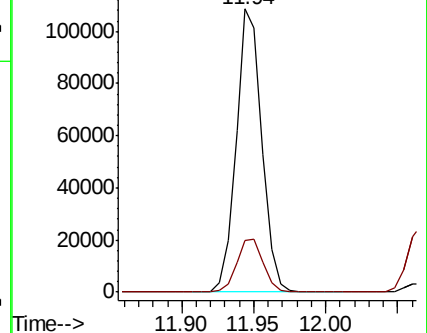
105 100

134 19.3 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: 20.797 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

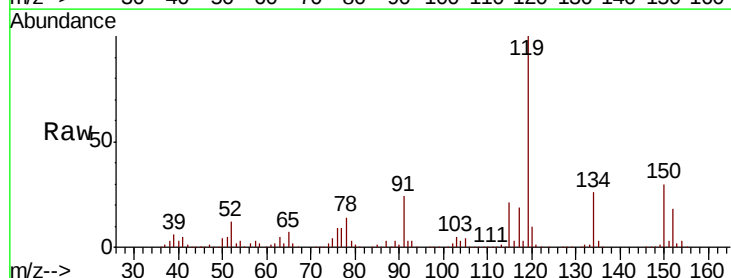
Tgt Ion:119 Resp: 115917

Ion Ratio Lower Upper

119 100

134 25.5 13.0 39.0

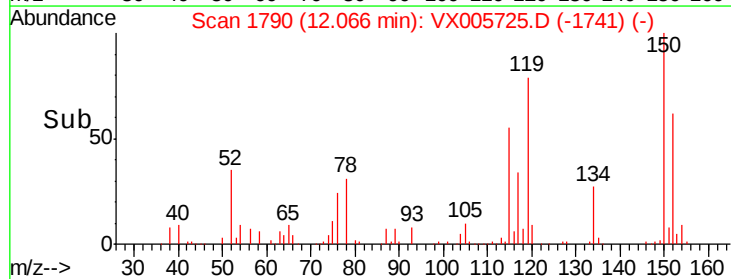
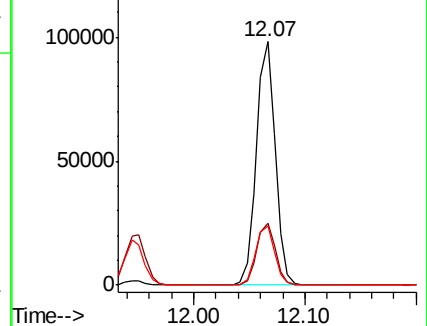
91 24.8 11.4 34.2

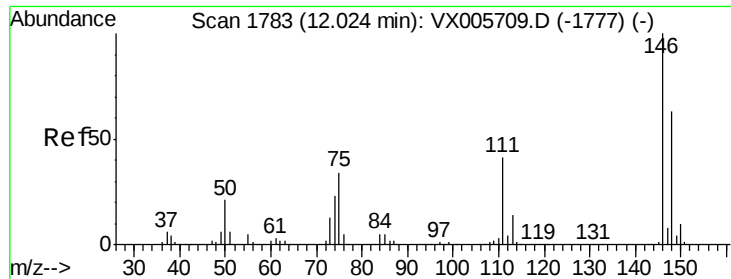


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

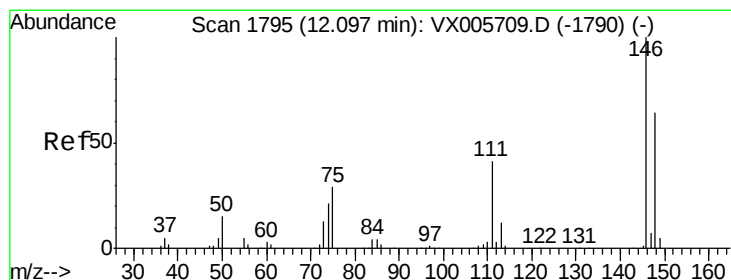
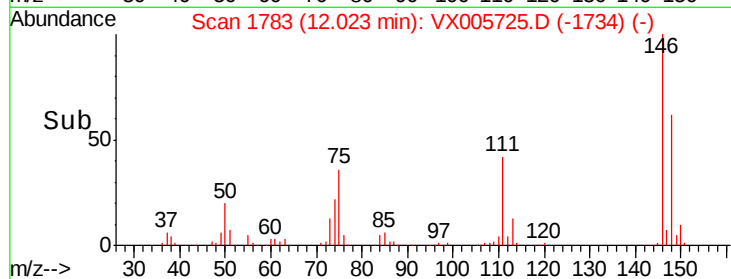
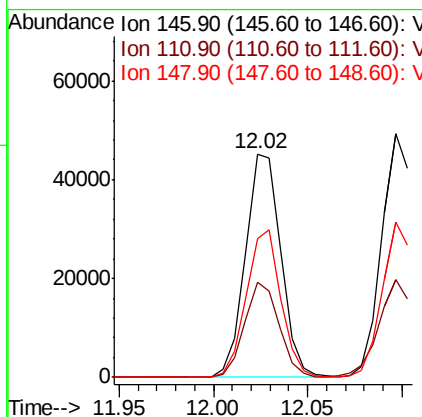
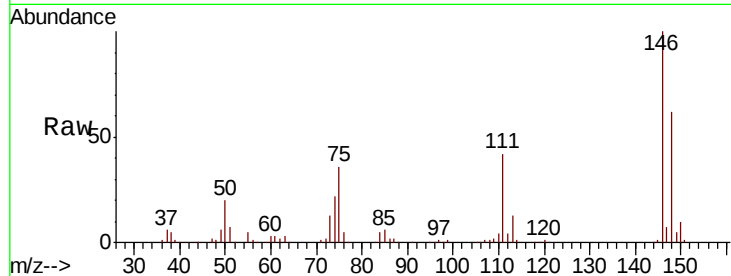




#87
 1,3-Dichlorobenzene
 Concen: 19.522 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005725.D
 Acq: 01 Nov 2018 13:24

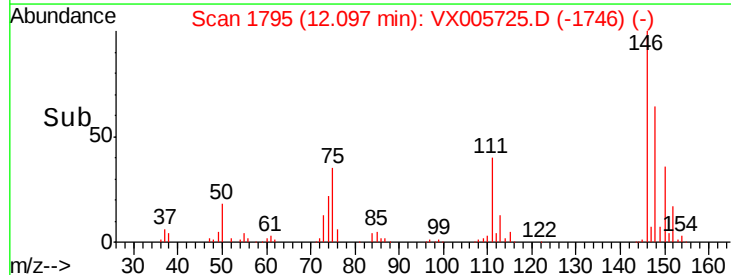
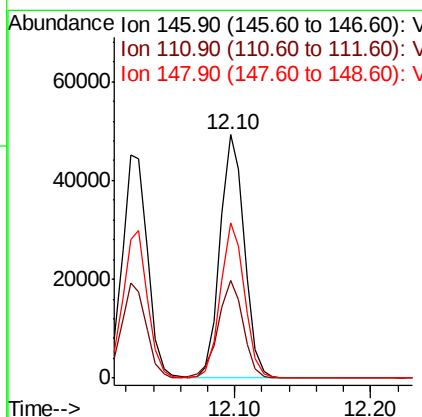
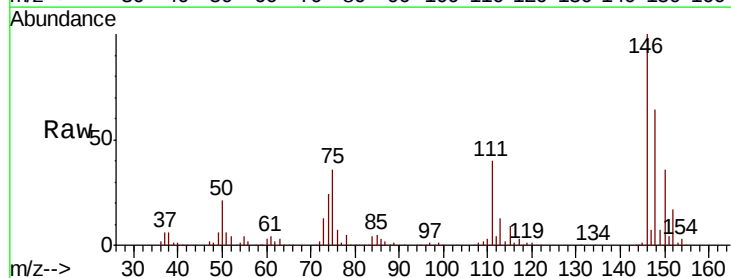
Instrument :
 MSVOA_X
 ClientSampleId :

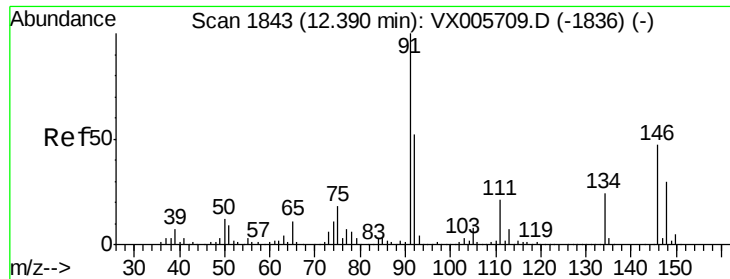
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	19.0	57.0
148	64.4	31.9	95.9



#88
 1,4-Dichlorobenzene
 Concen: 18.734 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005725.D
 Acq: 01 Nov 2018 13:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.4	18.6	55.8
148	63.6	32.1	96.3





#89

n-Butylbenzene

Concen: 19.458 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

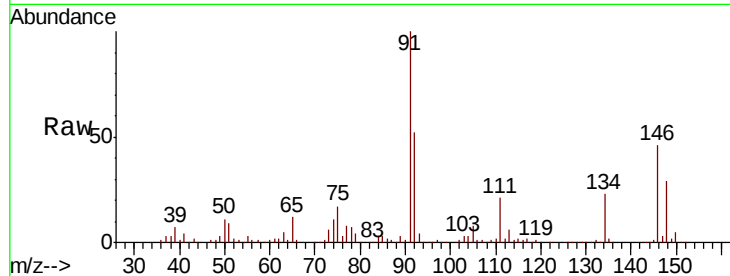
Tot Ion: 91 Resp: 109425

Ion Ratio Lower Upper

91 100

92 51.2 26.1 78.2

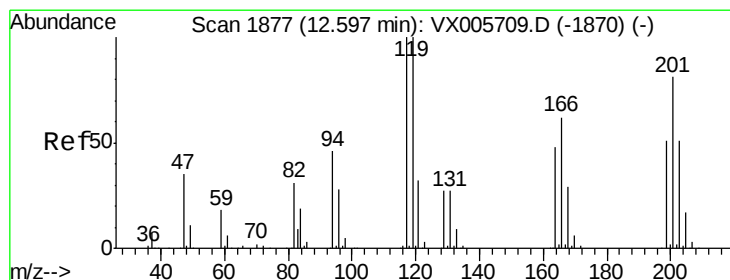
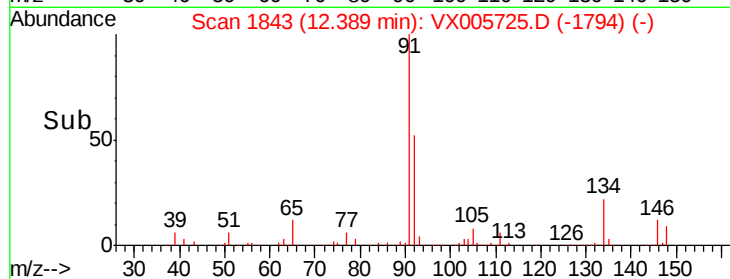
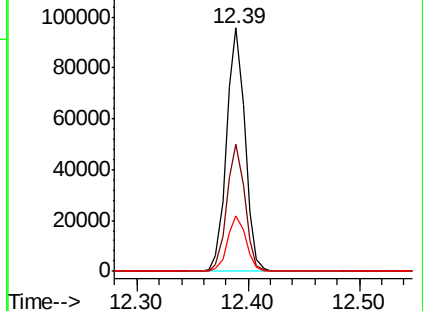
134 22.9 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VX005709.D (-1836) (-)

Ion 92.00 (91.70 to 92.70): VX005709.D (-1836) (-)

Ion 134.00 (133.70 to 134.70): VX005709.D (-1836) (-)



#90

Hexachloroethane

Concen: 19.250 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX005725.D

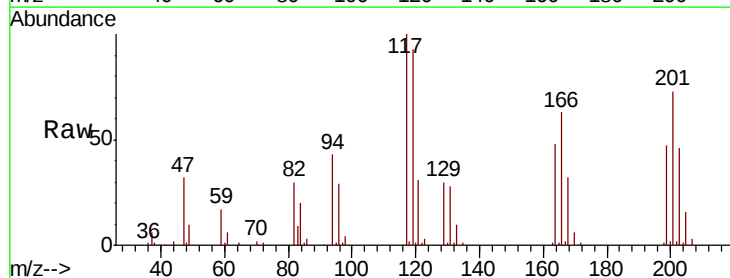
Acq: 01 Nov 2018 13:24

Tgt Ion: 117 Resp: 19036

Ion Ratio Lower Upper

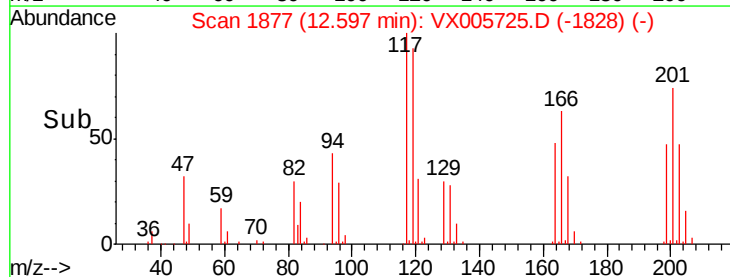
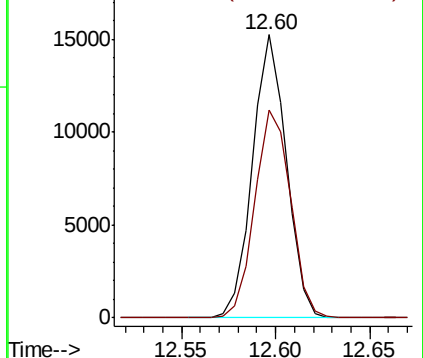
117 100

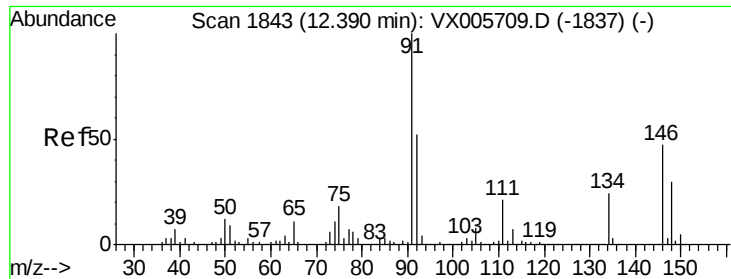
201 77.3 47.9 143.6



Abundance Ion 116.80 (116.50 to 117.50): VX005709.D (-1870) (-)

Ion 200.70 (200.40 to 201.40): VX005709.D (-1870) (-)





#91

1,2-Dichlorobenzene

Concen: 18.978 ug/l

RT: 12.40 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

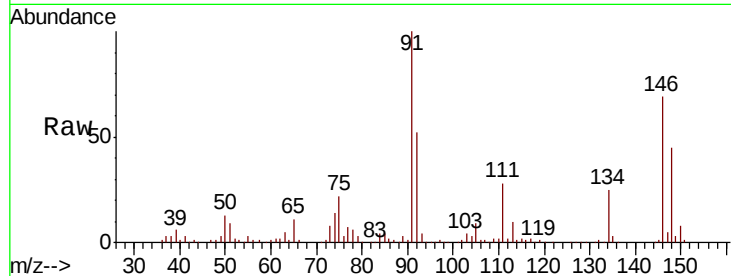
Tot Ion:146 Resp: 59973

Ion Ratio Lower Upper

146 100

111 42.3 20.0 59.9

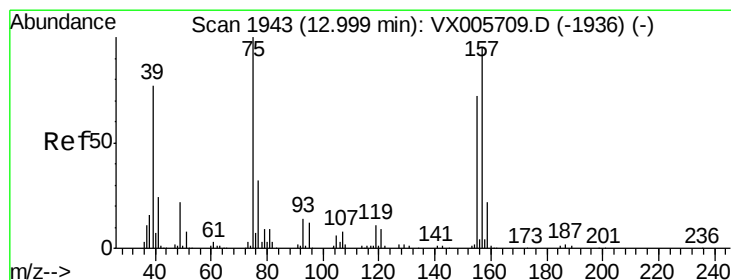
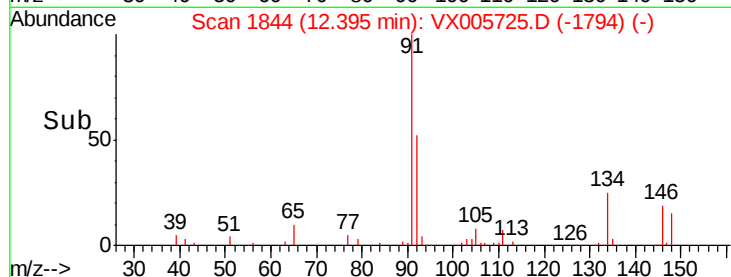
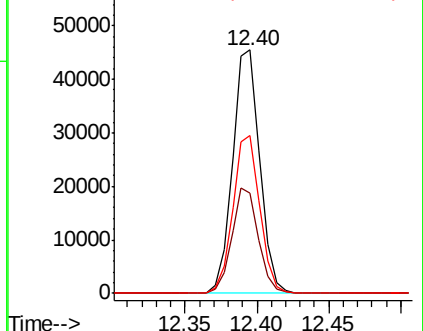
148 64.3 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.086 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

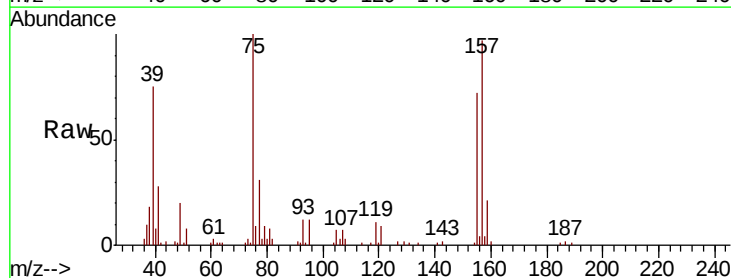
Tgt Ion: 75 Resp: 11712

Ion Ratio Lower Upper

75 100

155 78.2 45.4 136.1

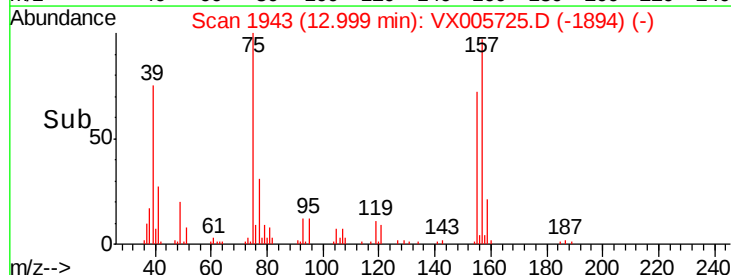
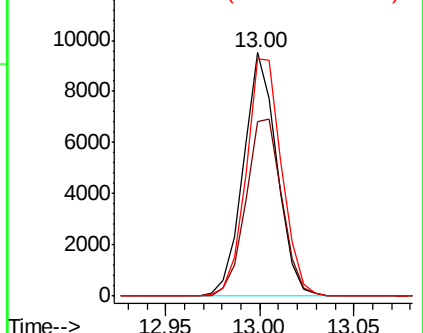
157 103.4 57.4 172.0

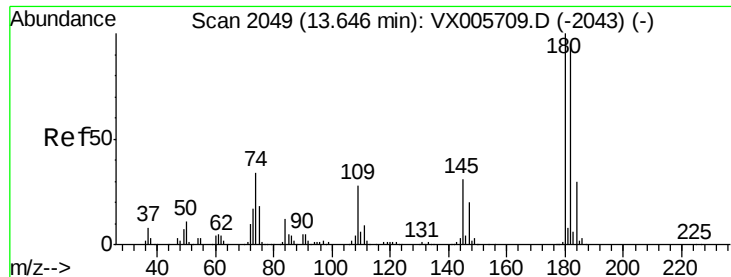


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

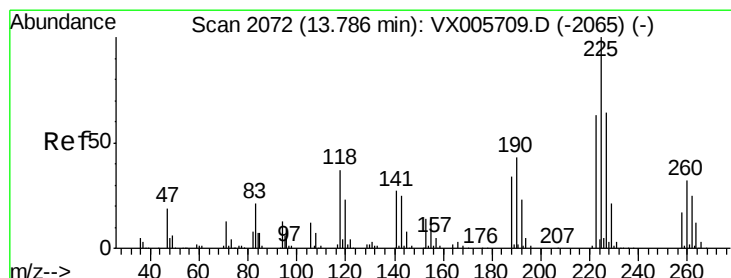
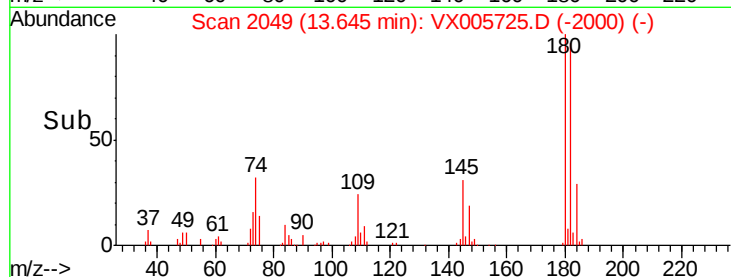
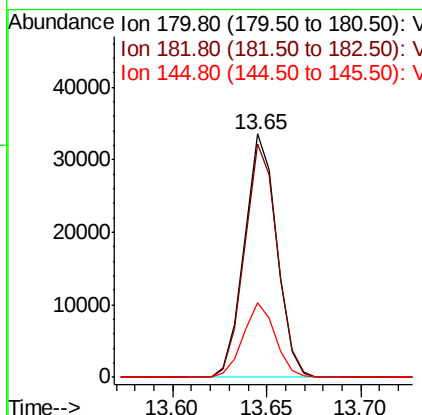
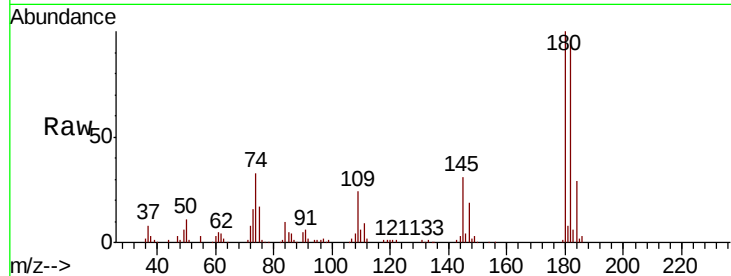




#93
 1,2,4-Trichlorobenzene
 Concen: 19.672 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005725.D
 Acq: 01 Nov 2018 13:24

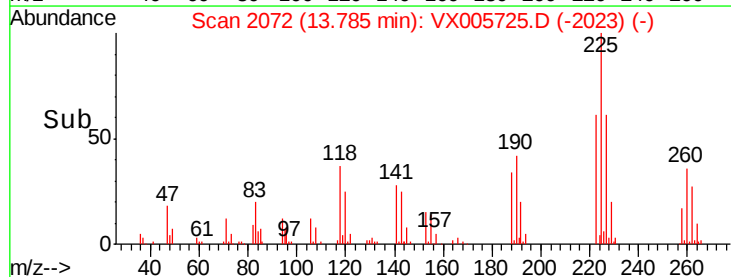
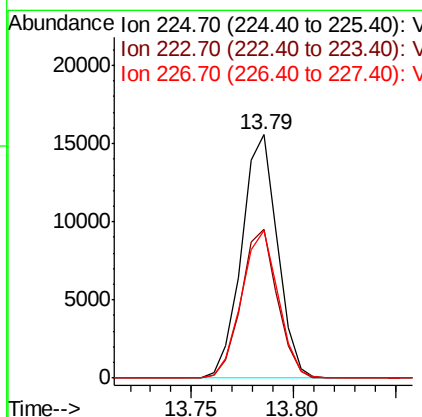
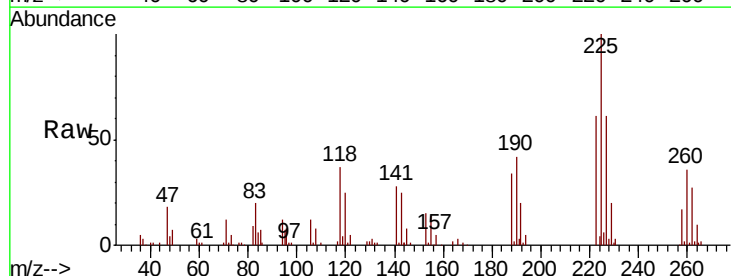
Instrument :
 MSVOA_X
 ClientSampleId :

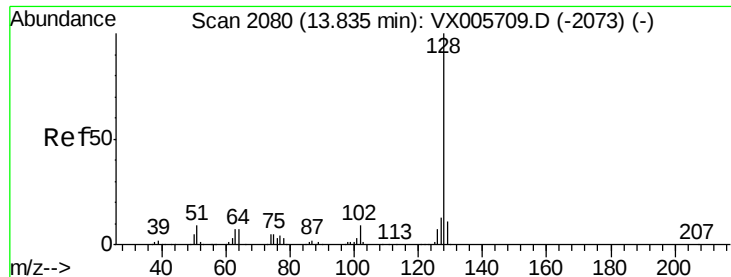
Tot Ion:180 Resp: 39872
 Ion Ratio Lower Upper
 180 100
 182 97.0 47.6 142.8
 145 30.4 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 19.332 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005725.D
 Acq: 01 Nov 2018 13:24

Tgt Ion:225 Resp: 18955
 Ion Ratio Lower Upper
 225 100
 223 61.6 31.7 95.1
 227 62.1 32.3 96.9





#95

Naphthalene

Concen: 20.945 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

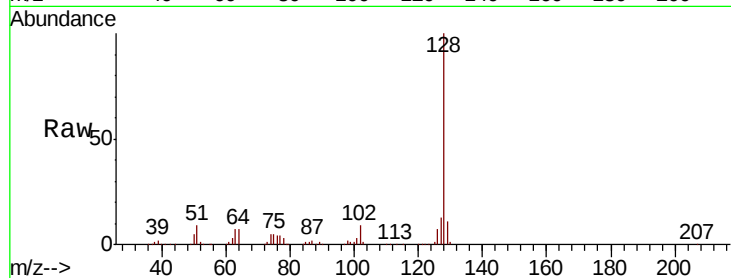
Tot Ion:128 Resp: 139607

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

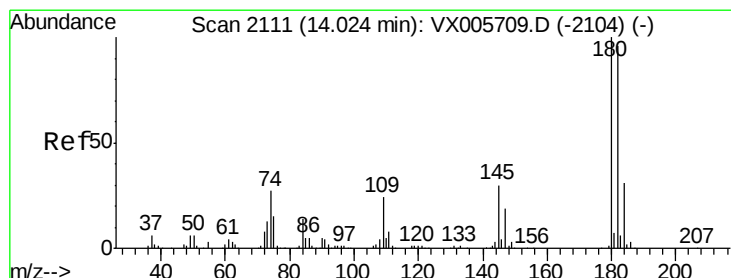
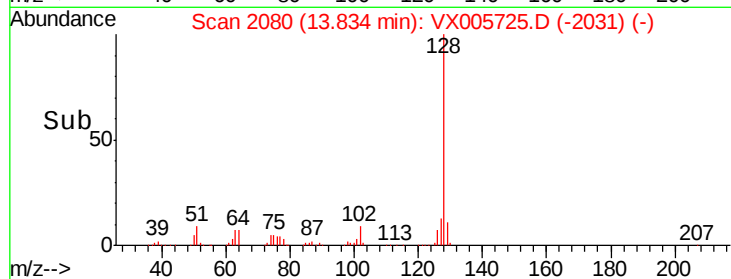
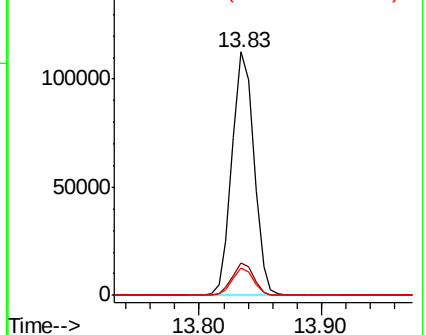
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.231 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

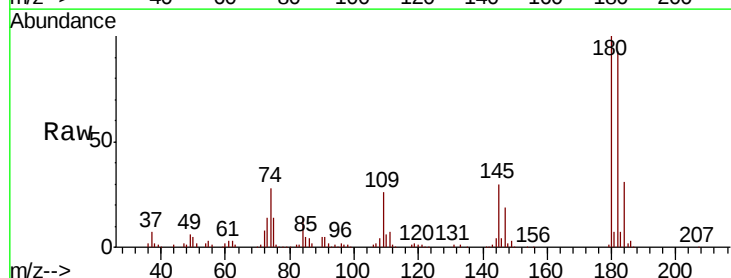
Tgt Ion:180 Resp: 41745

Ion Ratio Lower Upper

180 100

182 95.3 48.0 144.2

145 31.7 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

