

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110118\
 Data File : VX005728.D
 Acq On : 01 Nov 2018 14:44
 Operator : JC/MD
 Sample : VX1101WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 01 15:12:35 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	5.67	168	128969	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	222743	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	195528	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	98830	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	90180	47.83	ug/l	0.00
Spiked Amount			Recovery	=	95.66%	
35) Dibromofluoromethane	5.49	113	67908	44.03	ug/l	0.00
Spiked Amount			Recovery	=	88.06%	
50) Toluene-d8	8.71	98	250606	46.33	ug/l	0.00
Spiked Amount			Recovery	=	92.66%	
62) 4-Bromofluorobenzene	11.14	95	91710	45.94	ug/l	0.00
Spiked Amount			Recovery	=	91.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	31552	21.178	ug/l	97
3) Chloromethane	1.32	50	33295	18.946	ug/l	97
4) Vinyl Chloride	1.40	62	34620	18.935	ug/l	99
5) Bromomethane	1.64	94	36589	16.128	ug/l	98
6) Chloroethane	1.72	64	23181	21.615	ug/l	89
7) Trichlorofluoromethane	1.93	101	45187	19.255	ug/l	93
8) Diethyl Ether	2.19	74	19182	18.184	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	26842	18.830	ug/l	93
10) Methyl Iodide	2.51	142	22374	17.439	ug/l	98
11) Tert butyl alcohol	3.07	59	50919	99.439	ug/l	100
12) 1,1-Dichloroethene	2.37	96	25040	18.026	ug/l	88
13) Acrolein	2.30	56	34201	100.983	ug/l	98
14) Allyl chloride	2.73	41	52400	18.243	ug/l #	92
15) Acrylonitrile	3.15	53	106344	94.443	ug/l	100
16) Acetone	2.45	43	92134	89.030	ug/l	94
17) Carbon Disulfide	2.57	76	75489	17.685	ug/l	100
18) Methyl Acetate	2.78	43	53147	19.640	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	94642	19.683	ug/l	98
20) Methylene Chloride	2.85	84	30396	18.694	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	27960	19.023	ug/l	99
22) Diisopropyl ether	3.87	45	104118	19.541	ug/l #	93
23) Vinyl Acetate	3.82	43	449271	96.808	ug/l	100
24) 1,1-Dichloroethane	3.70	63	55037	18.268	ug/l	98
25) 2-Butanone	4.70	43	149992	94.301	ug/l	96
26) 2,2-Dichloropropane	4.59	77	43204	19.183	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	31404	19.014	ug/l	95
28) Bromochloromethane	5.02	49	26205	17.828	ug/l	96
29) Tetrahydrofuran	5.16	42	92275	95.048	ug/l	91
30) Chloroform	5.21	83	54817	18.610	ug/l	89
31) Cyclohexane	5.57	56	47977	19.043	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	44598	18.918	ug/l	98
36) 1,1-Dichloropropene	5.79	75	39852	16.793	ug/l	98
37) Ethyl Acetate	4.86	43	54093	17.866	ug/l	98
38) Carbon Tetrachloride	5.79	117	38607	18.006	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	45539	18.400	ug/l	90
40) Benzene	6.14	78	125291	17.746	ug/l	95
41) Methacrylonitrile	5.06	41	28829	17.623	ug/l	95
42) 1,2-Dichloroethane	6.20	62	47397	18.162	ug/l	99
43) Isopropyl Acetate	6.46	43	78654	17.899	ug/l	97
44) Trichloroethene	7.21	130	28984	17.750	ug/l	96
45) 1,2-Dichloropropane	7.52	63	32231	17.814	ug/l	100
46) Dibromomethane	7.66	93	20728	17.927	ug/l #	86
47) Bromodichloromethane	7.90	83	39091	18.024	ug/l	100
48) Methyl methacrylate	7.78	41	38671	18.182	ug/l	92
49) 1,4-Dioxane	7.76	88	18227	384.858	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	268994	89.773	ug/l	98
52) Toluene	8.79	92	70228	18.390	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	42323	18.006	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	46996	18.662	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	29550	17.818	ug/l	98
56) Ethyl methacrylate	9.18	69	45841	17.950	ug/l	96
57) 1,3-Dichloropropane	9.37	76	51281	18.001	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	136392	92.114	ug/l	96
59) 2-Hexanone	9.49	43	210140	86.178	ug/l	97
60) Dibromochloromethane	9.59	129	27672	17.267	ug/l	100
61) 1,2-Dibromoethane	9.67	107	30492	18.044	ug/l	98
64) Tetrachloroethene	9.34	164	25900	18.131	ug/l	96
65) Chlorobenzene	10.14	112	76216	18.343	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	25854	18.177	ug/l	96
67) Ethyl Benzene	10.26	91	133309	18.799	ug/l	99
68) m/p-Xylenes	10.36	106	100016	37.957	ug/l	96
69) o-Xylene	10.70	106	47493	18.845	ug/l	95
70) Styrene	10.71	104	80693	19.278	ug/l	99
71) Bromoform	10.86	173	20548	17.830	ug/l #	99
73) Isopropylbenzene	11.02	105	131125	20.111	ug/l	99
74) N-amyl acetate	10.90	43	65544	18.881	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	50952	18.836	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	57760	23.466	ug/l	87
77) Bromobenzene	11.26	156	31667	19.578	ug/l	88
78) n-propylbenzene	11.36	91	156778	19.766	ug/l	96
79) 2-Chlorotoluene	11.42	91	92230	19.469	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	109933	19.857	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	13805	18.120	ug/l	94
82) 4-Chlorotoluene	11.51	91	109051	19.281	ug/l	97
83) tert-Butylbenzene	11.77	119	104357	19.756	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	113969	20.386	ug/l	97
85) sec-Butylbenzene	11.94	105	134553	19.857	ug/l	96
86) p-Isopropyltoluene	12.07	119	112741	19.563	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	59957	19.171	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	59861	17.817	ug/l	97
89) n-Butylbenzene	12.39	91	107479	18.485	ug/l	97
90) Hexachloroethane	12.60	117	18551	18.144	ug/l	83
91) 1,2-Dichlorobenzene	12.39	146	60081	18.389	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	11734	18.495	ug/l	86

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Quant Title : SW846 8260
QLast Update : Wed Oct 31 18:23:06 2018
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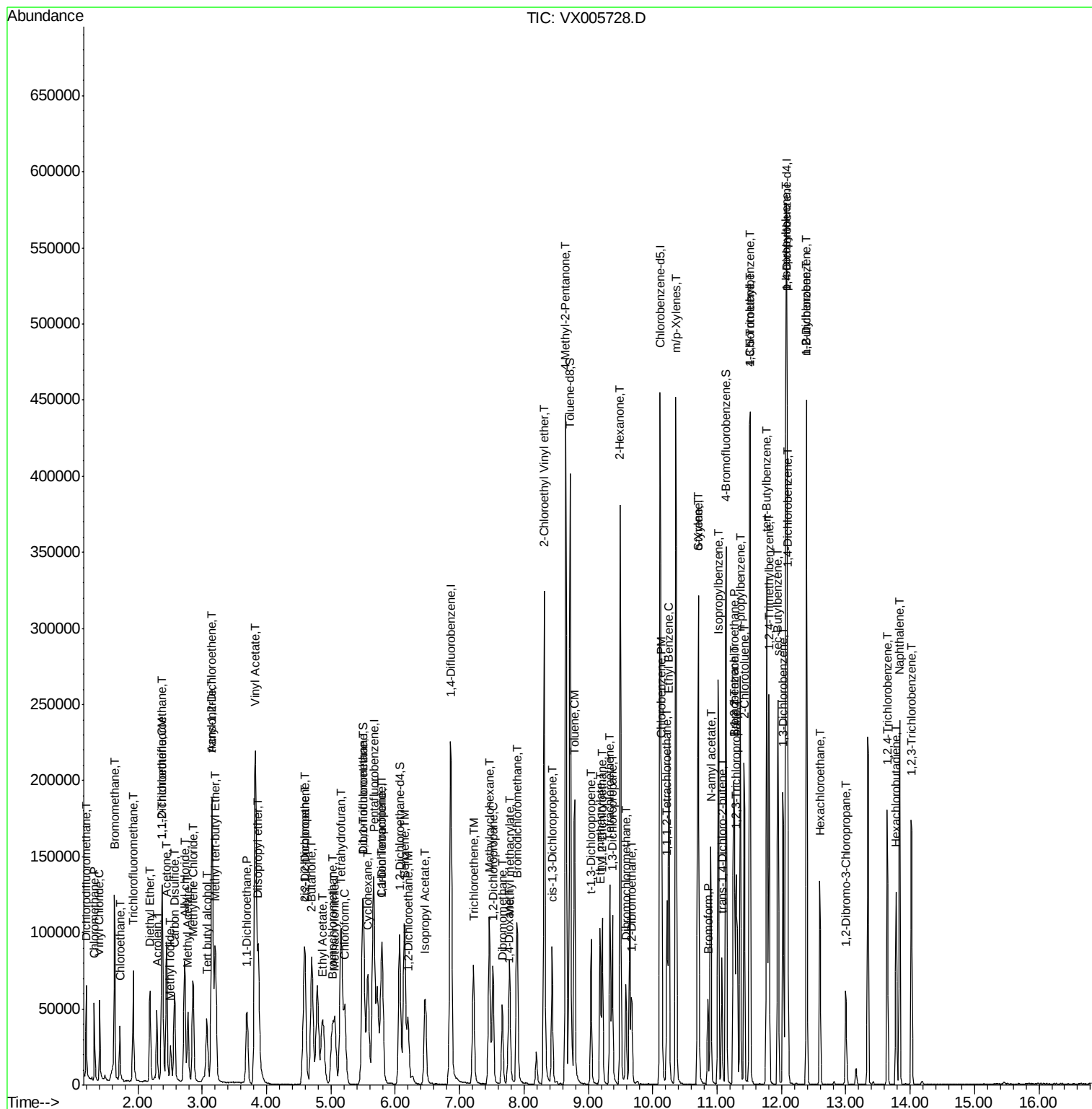
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	40080	19.126	ug/l	98
94) Hexachlorobutadiene	13.79	225	18314	18.065	ug/l	99
95) Naphthalene	13.83	128	136153	19.756	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	40738	19.096	ug/l	99

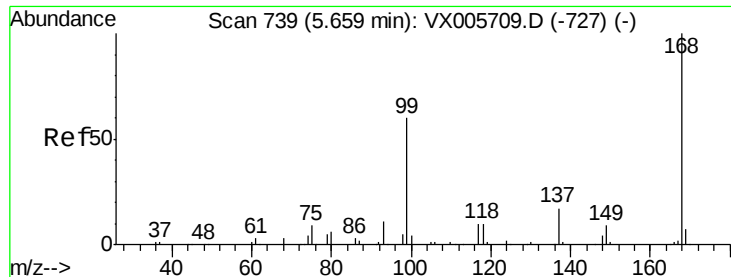
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Data File : VX005728.D
Acq On : 01 Nov 2018 14:44
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Sample : VX1101WBSD02
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005728.D

Acq: 01 Nov 2018 14:44

Instrument :

MSVOA_X

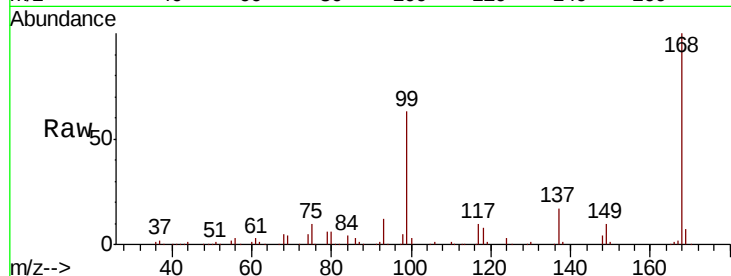
ClientSampleId :

Tot Ion:168 Resp: 128969

Ion Ratio Lower Upper

168 100

99 62.7 40.7 61.1#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

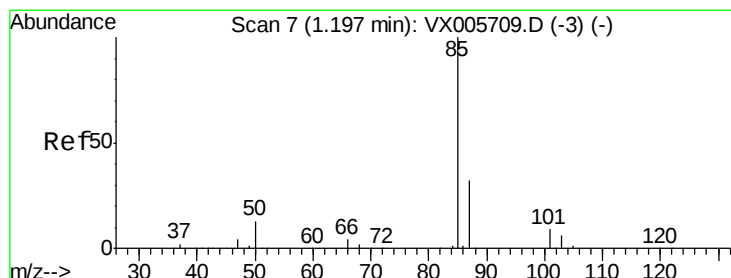
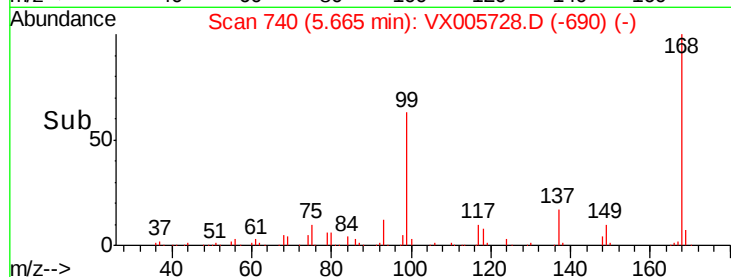
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 21.178 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005728.D

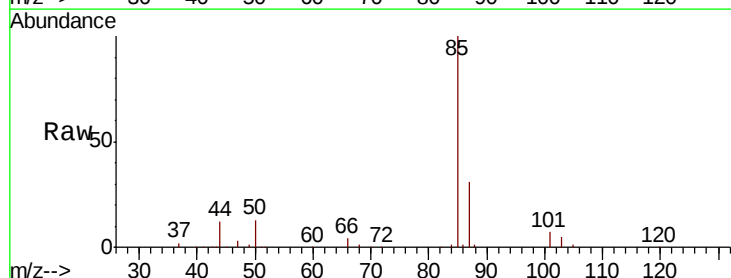
Acq: 01 Nov 2018 14:44

Tgt Ion: 85 Resp: 31552

Ion Ratio Lower Upper

85 100

87 31.1 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

40000

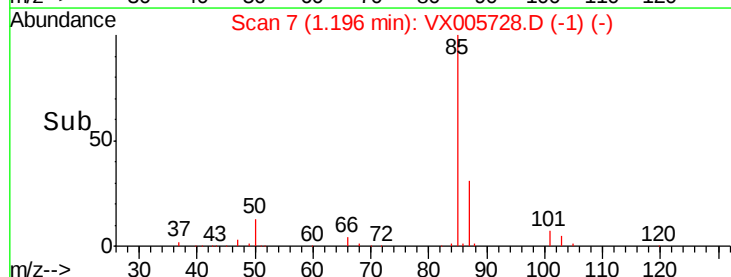
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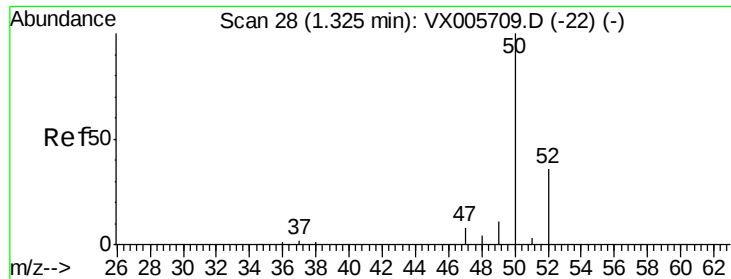
20000

10000

0

Time--> 1.15 1.20 1.25

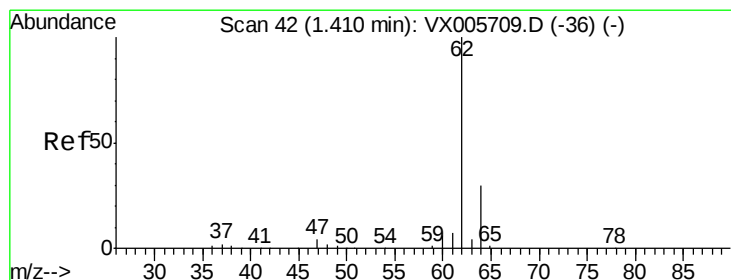
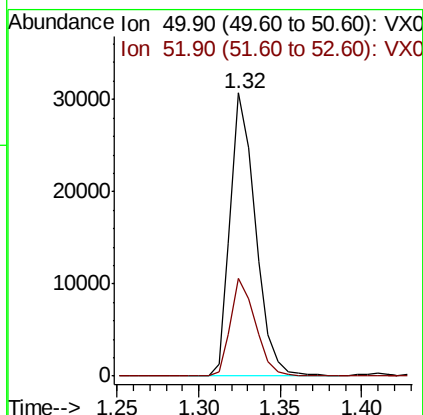
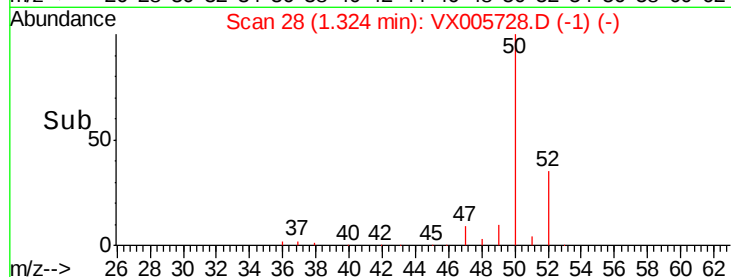
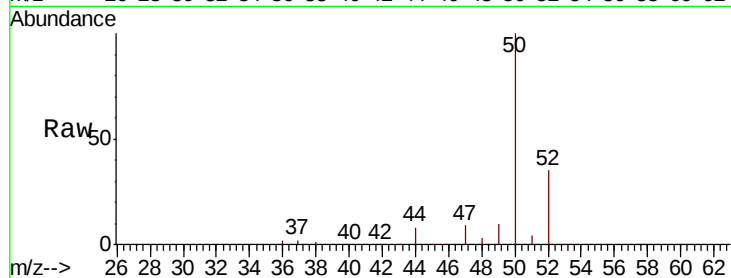




#3
Chloromethane
Concen: 18.946 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.00 min
Lab File: VX005728.D
Acq: 01 Nov 2018 14:44

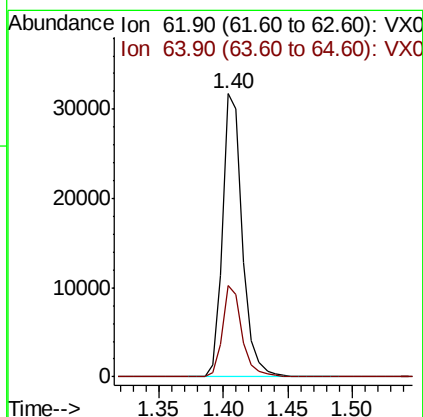
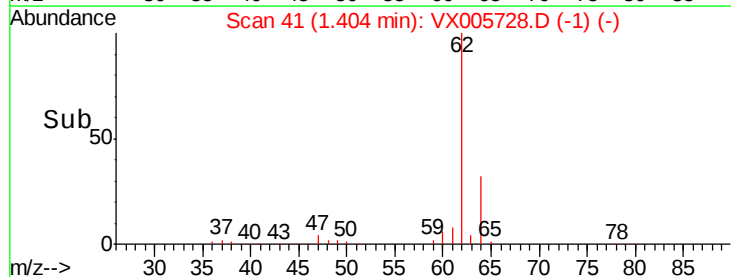
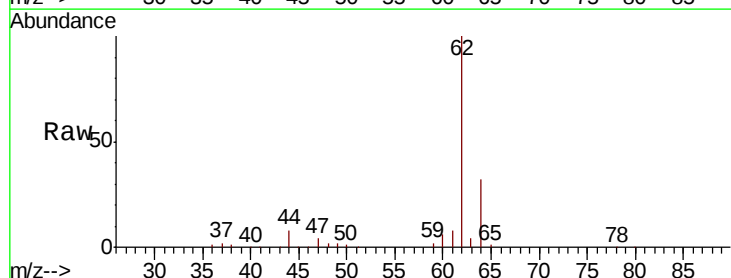
Instrument :
MSVOA_X
ClientSampleId :

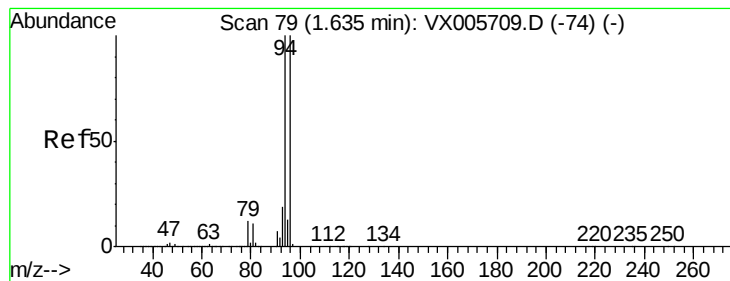
Tot Ion: 50 Resp: 33295
Ion Ratio Lower Upper
50 100
52 34.5 26.2 39.2



#4
Vinyl Chloride
Concen: 18.935 ug/l
RT: 1.40 min Scan# 41
Delta R.T. -0.01 min
Lab File: VX005728.D
Acq: 01 Nov 2018 14:44

Tgt Ion: 62 Resp: 34620
Ion Ratio Lower Upper
62 100
64 32.2 25.3 37.9





#5

Bromomethane

Concen: 16.128 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005728.D

Acq: 01 Nov 2018 14:44

Instrument :

MSVOA_X

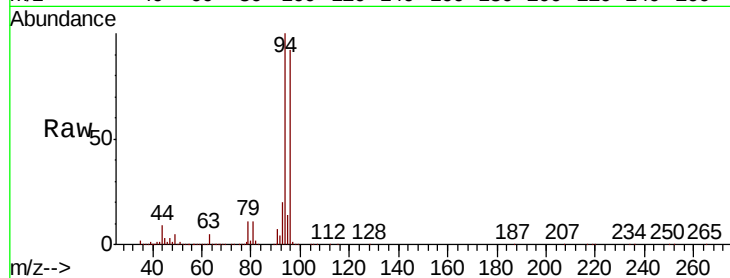
ClientSampleId :

Tot Ion: 94 Resp: 36589

Ion Ratio Lower Upper

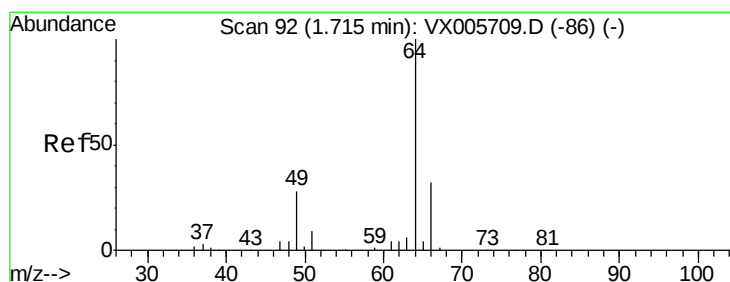
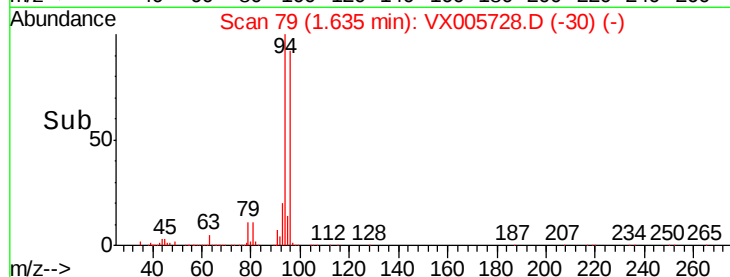
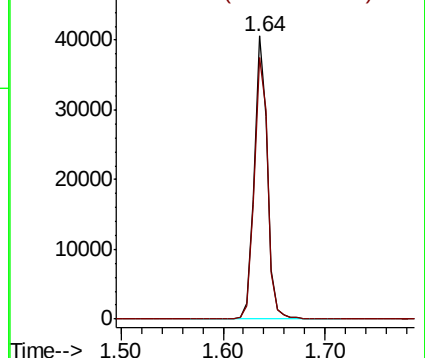
94 100

96 92.3 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: 21.615 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005728.D

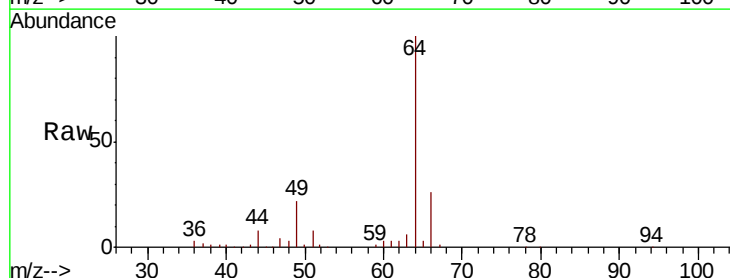
Acq: 01 Nov 2018 14:44

Tgt Ion: 64 Resp: 23181

Ion Ratio Lower Upper

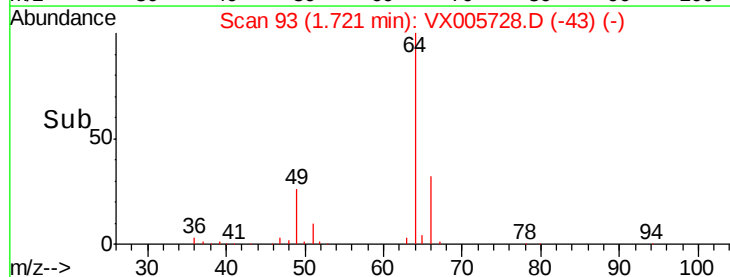
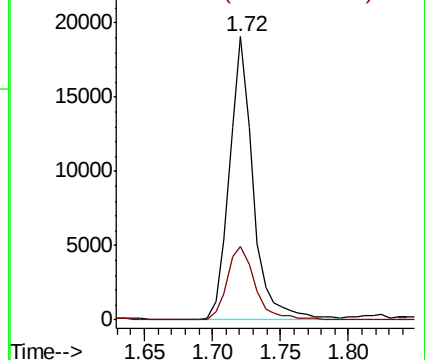
64 100

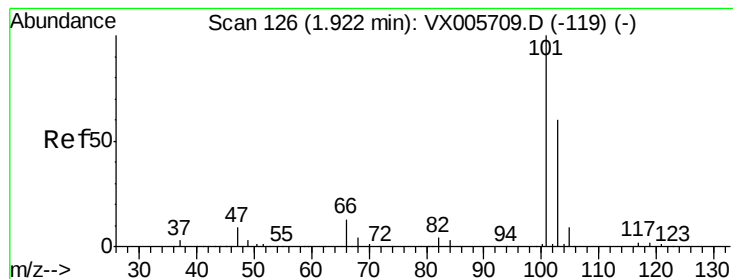
66 26.0 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



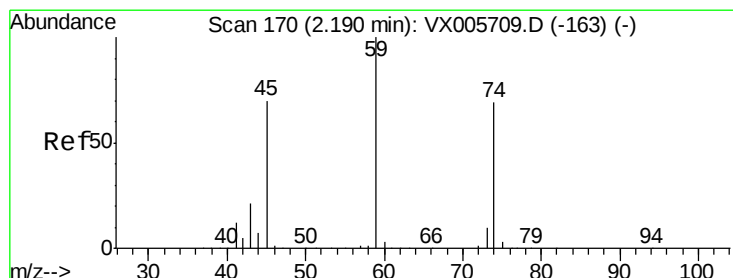
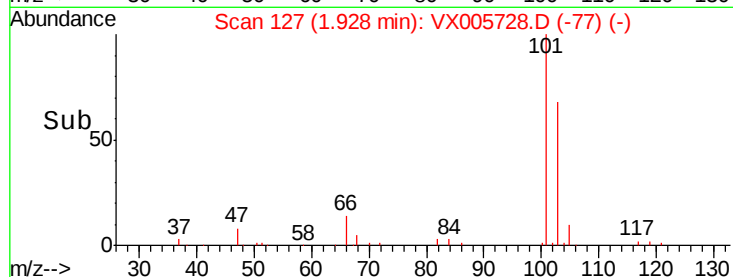
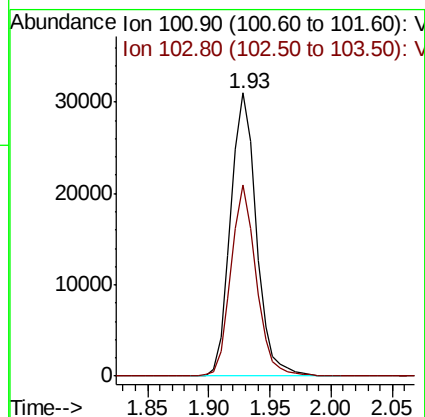
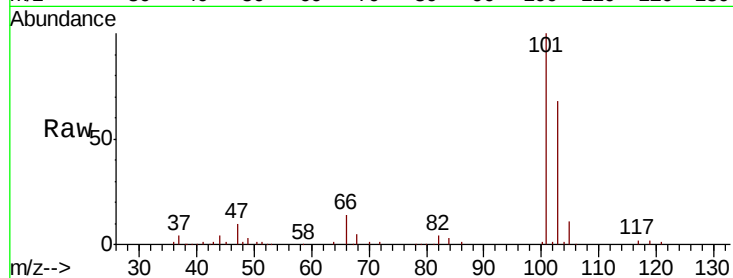


#7

Trichlorofluoromethane
 Concen: 19.255 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX005728.D
 Acq: 01 Nov 2018 14:44

Instrument :
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 ClientSampleId :

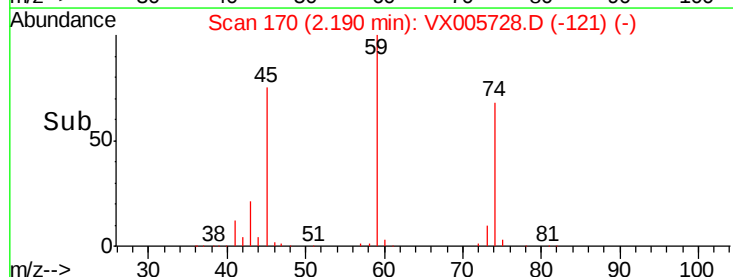
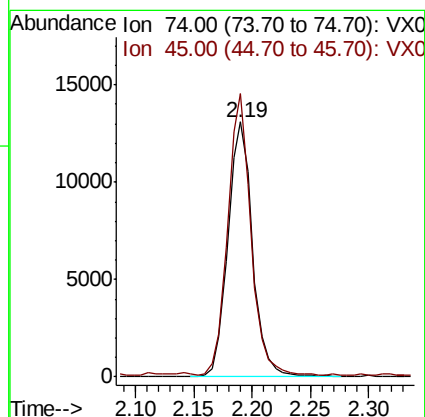
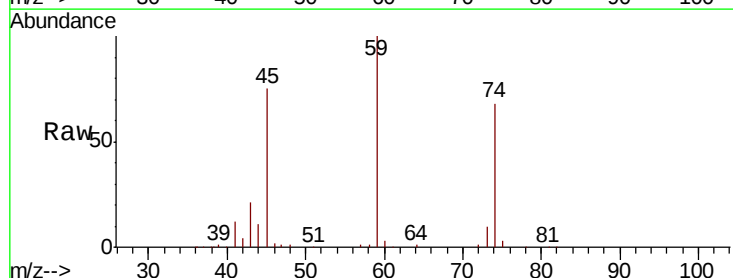
Tot Ion:101 Resp: 45187
 Ion Ratio Lower Upper
 101 100
 103 67.7 50.0 75.0

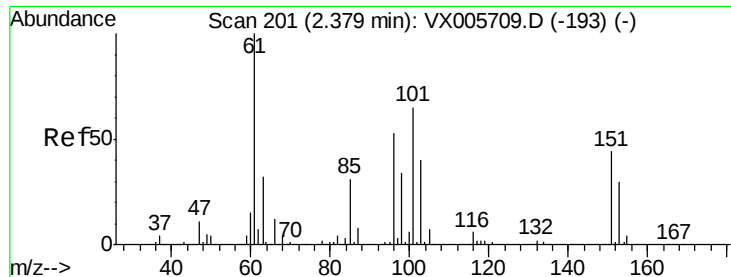


#8

Diethyl Ether
 Concen: 18.184 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005728.D
 Acq: 01 Nov 2018 14:44

Tgt Ion: 74 Resp: 19182
 Ion Ratio Lower Upper
 74 100
 45 103.1 54.1 162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.830 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005728.D

Acq: 01 Nov 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

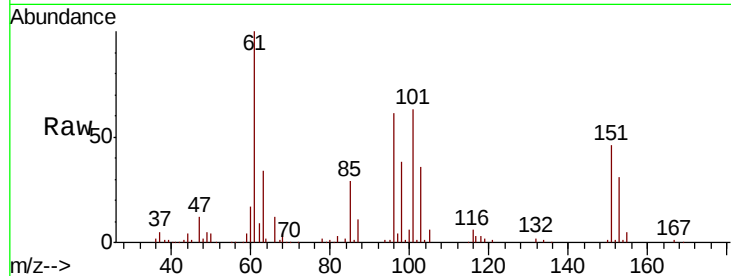
Tot Ion:101 Resp: 26842

Ion Ratio Lower Upper

101 100

85 45.0 35.0 52.4

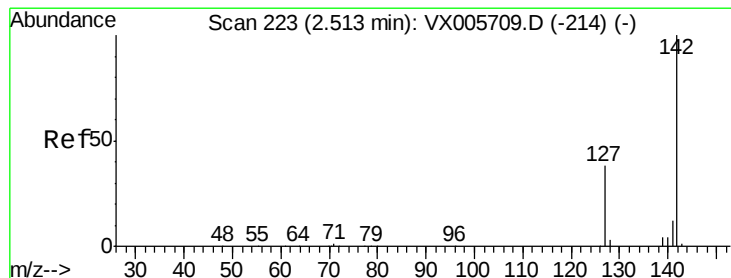
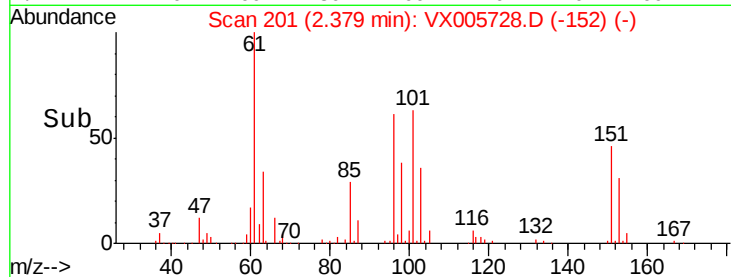
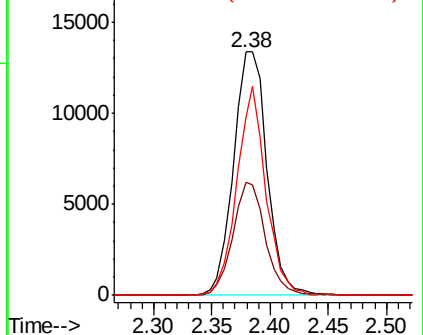
151 74.4 66.2 99.2



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: 17.439 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX005728.D

Acq: 01 Nov 2018 14:44

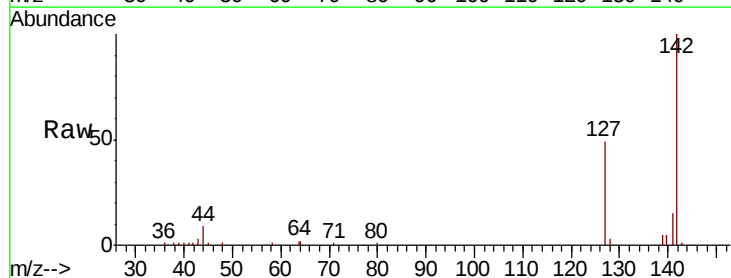
Tgt Ion:142 Resp: 22374

Ion Ratio Lower Upper

142 100

127 46.8 36.0 54.0

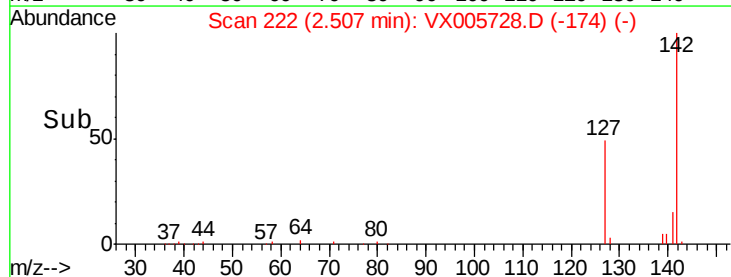
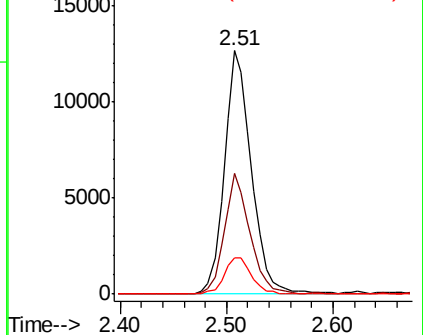
141 14.8 11.7 17.5

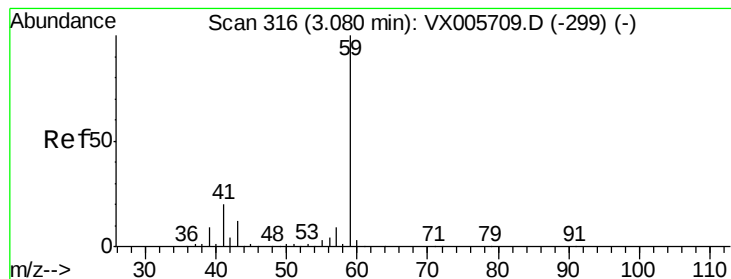


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



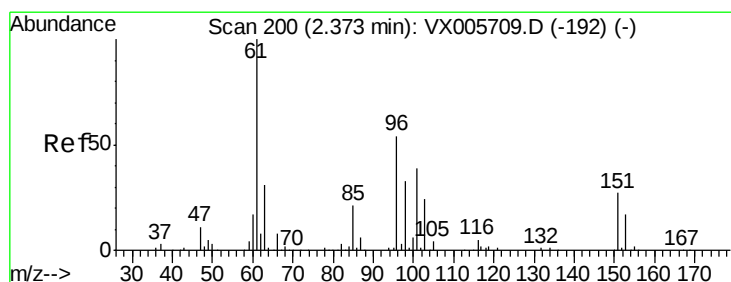
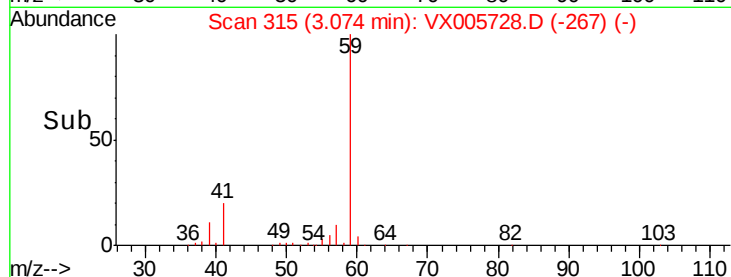
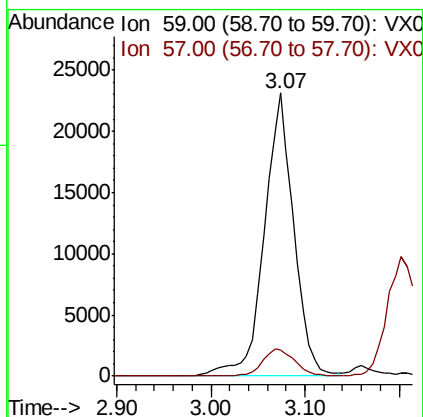
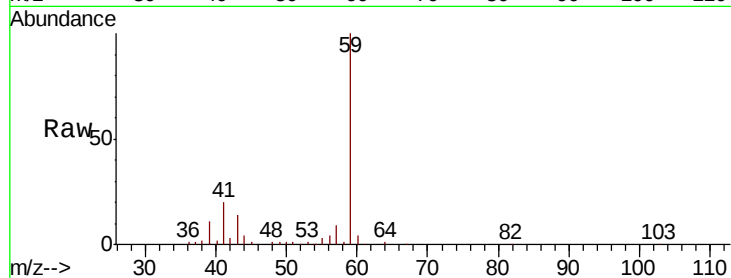


#11

Tert butyl alcohol
 Concen: 99.439 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX005728.D
 Acq: 01 Nov 2018 14:44

Instrument :
 MSVOA_X
 ClientSampled :

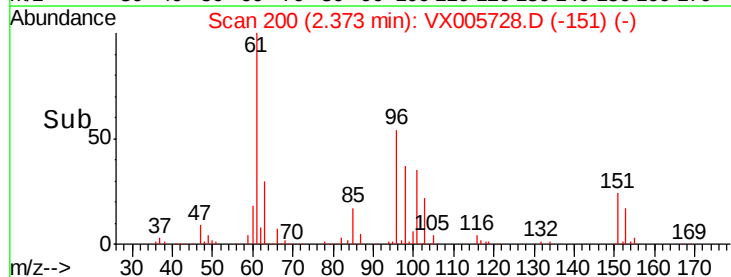
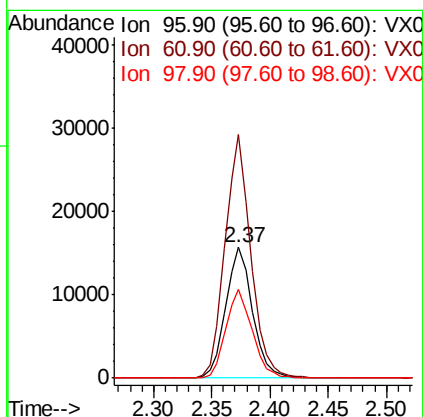
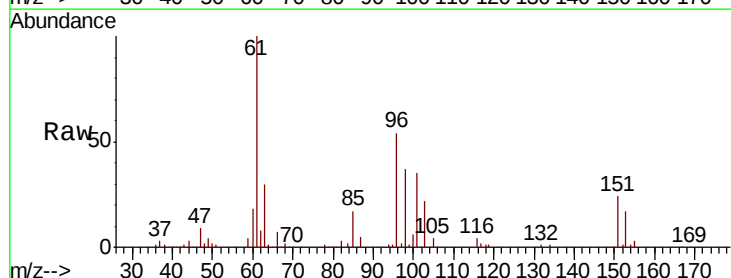
Tot Ion: 59 Resp: 50919
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.5 12.7

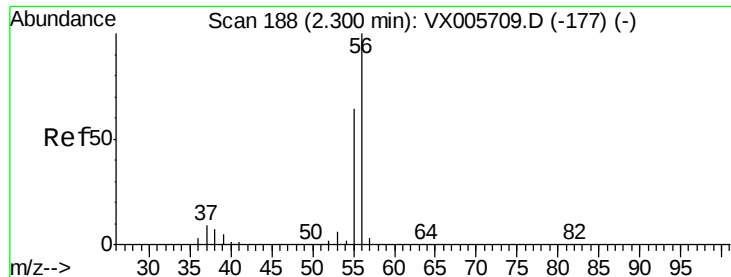


#12

1,1-Dichloroethene
 Concen: 18.026 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX005728.D
 Acq: 01 Nov 2018 14:44

Tgt Ion: 96 Resp: 25040
 Ion Ratio Lower Upper
 96 100
 61 186.7 131.8 197.8
 98 68.3 53.4 80.2





#13

Acrolein

Concen: 100.983 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX005728.D

Acq: 01 Nov 2018 14:44

Instrument :

MSVOA_X

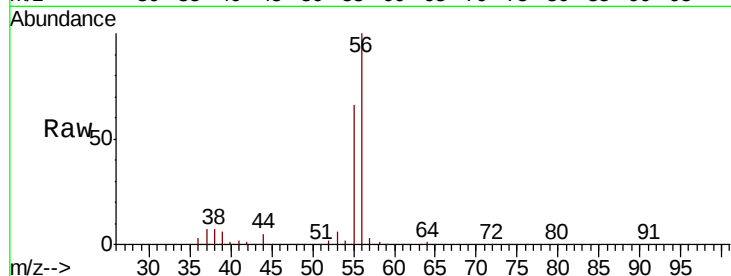
ClientSampleId :

Tot Ion: 56 Resp: 34201

Ion Ratio Lower Upper

56 100

55 69.9 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.30

20000

15000

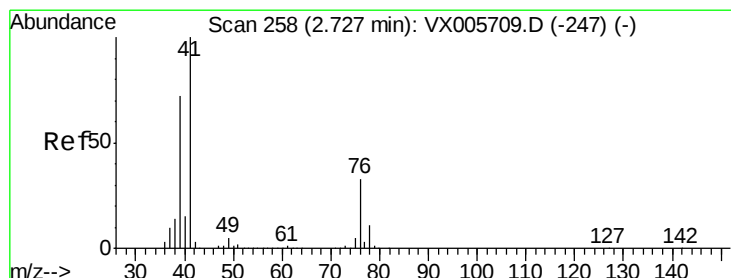
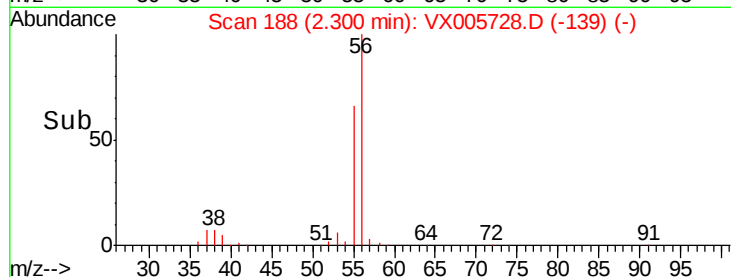
10000

5000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 18.243 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX005728.D

Acq: 01 Nov 2018 14:44

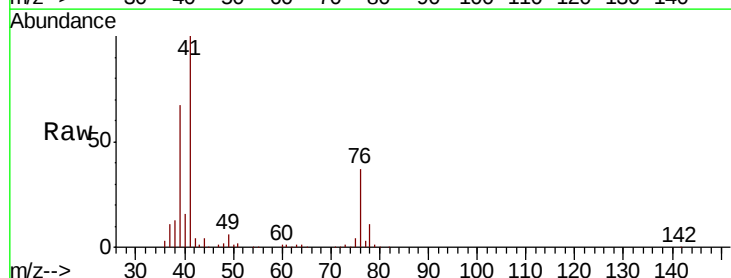
Tgt Ion: 41 Resp: 52400

Ion Ratio Lower Upper

41 100

39 65.3 48.2 72.4

76 33.6 21.9 32.9#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

30000

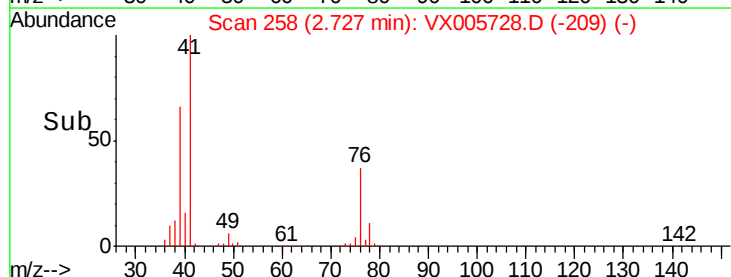
20000

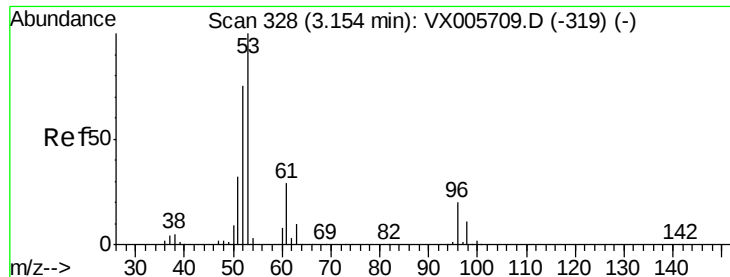
10000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 94.443 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX005728.D

Acq: 01 Nov 2018 14:44

Instrument :
MSVOA_X
ClientSampleId :

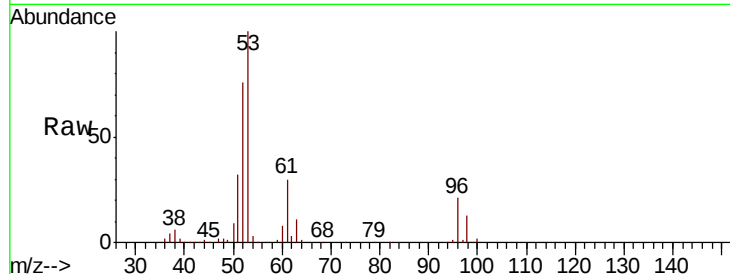
Tot Ion: 53 Resp: 106344

Ion Ratio Lower Upper

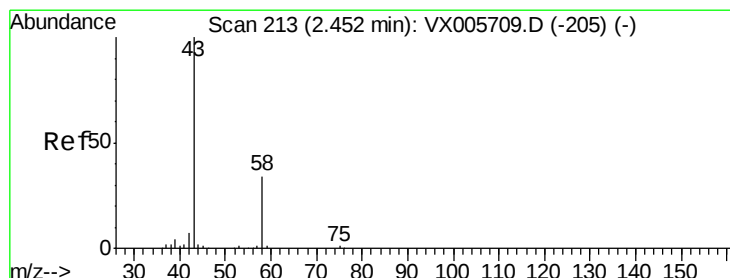
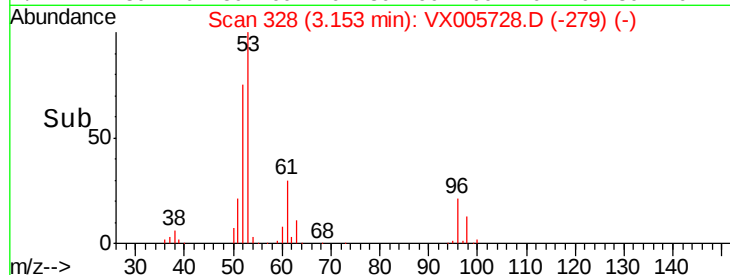
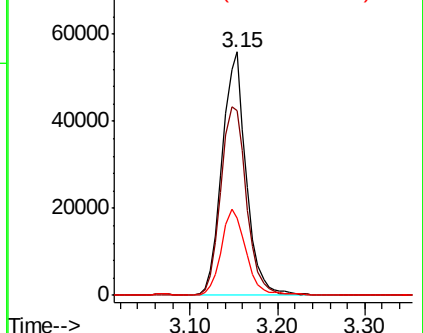
53 100

52 83.0 66.6 99.8

51 36.1 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: 89.030 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX005728.D

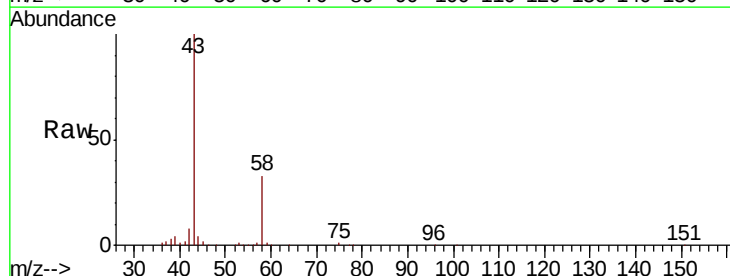
Acq: 01 Nov 2018 14:44

Tgt Ion: 43 Resp: 92134

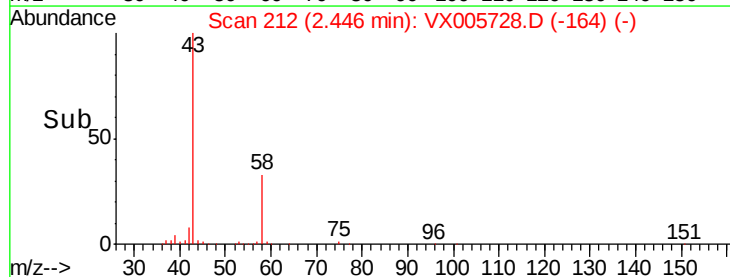
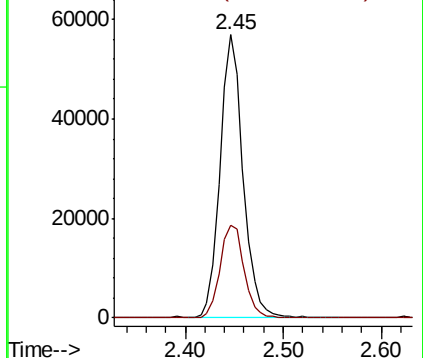
Ion Ratio Lower Upper

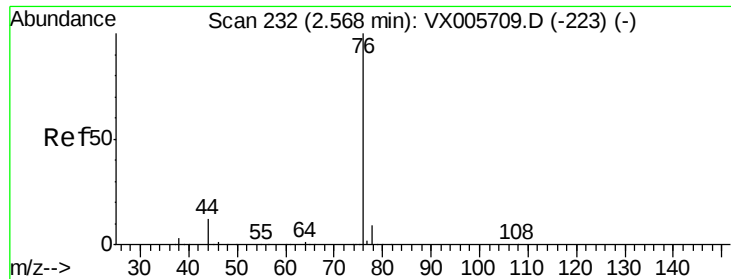
43 100

58 33.0 23.8 35.6



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

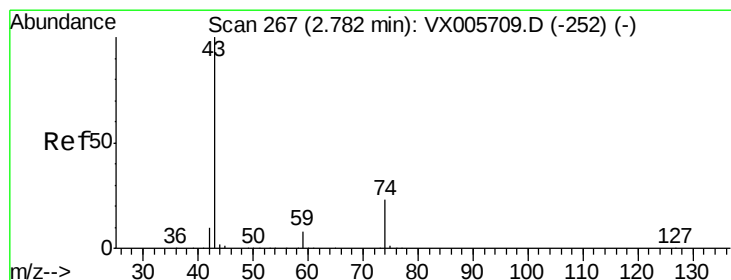
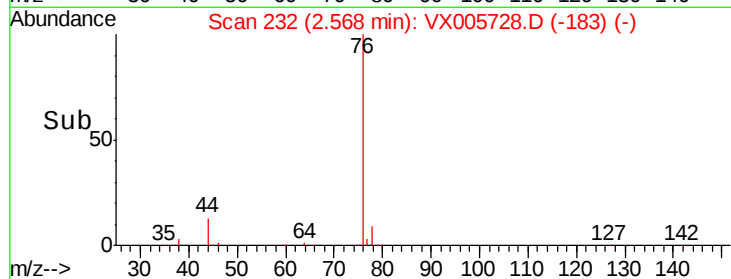
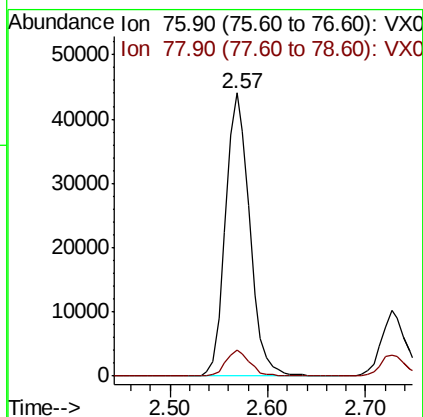
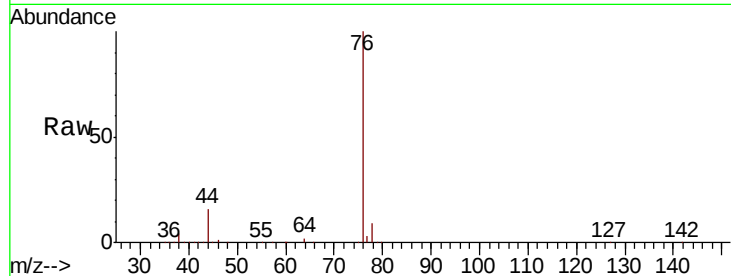




#17
Carbon Disulfide
Concen: 17.685 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005728.D
Acq: 01 Nov 2018 14:44

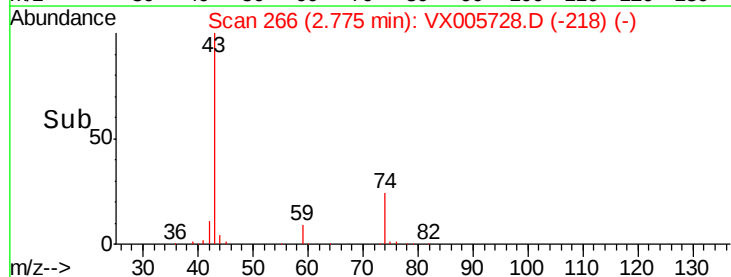
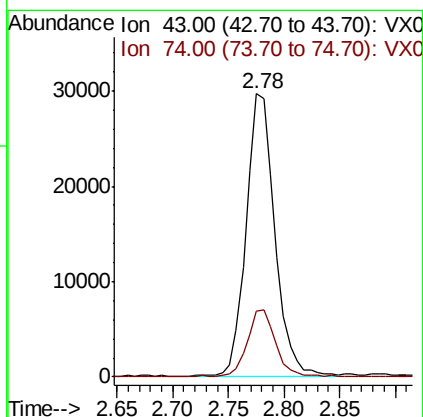
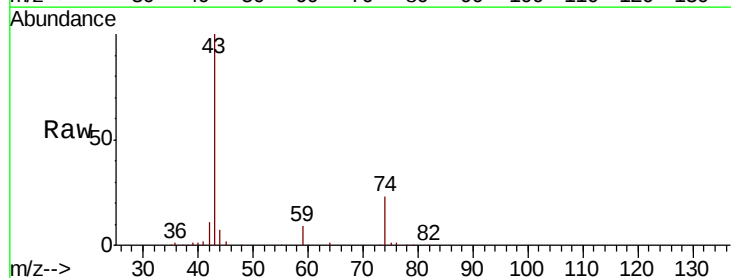
Instrument :
MSVOA_X
ClientSampleId :

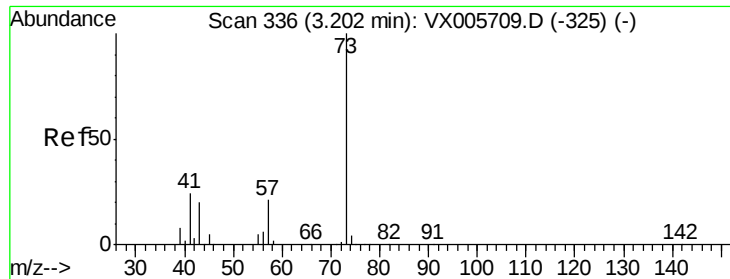
Tot Ion: 76 Resp: 75489
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 19.640 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005728.D
Acq: 01 Nov 2018 14:44

Tgt Ion: 43 Resp: 53147
Ion Ratio Lower Upper
43 100
74 23.9 16.8 25.2

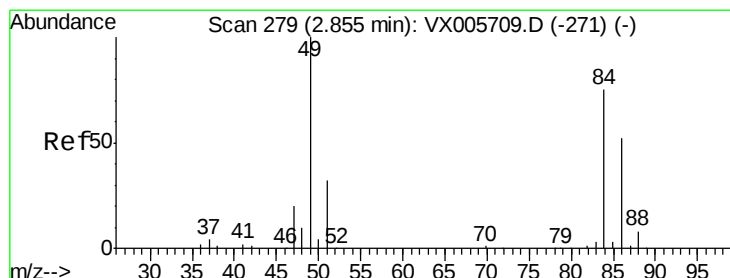
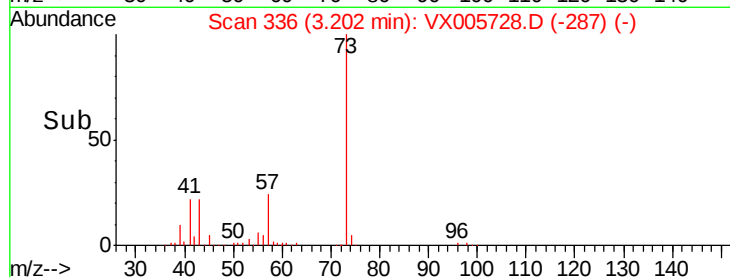
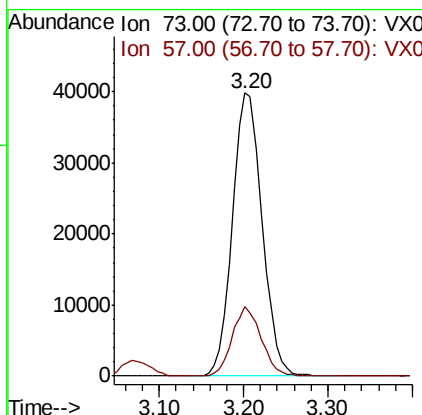
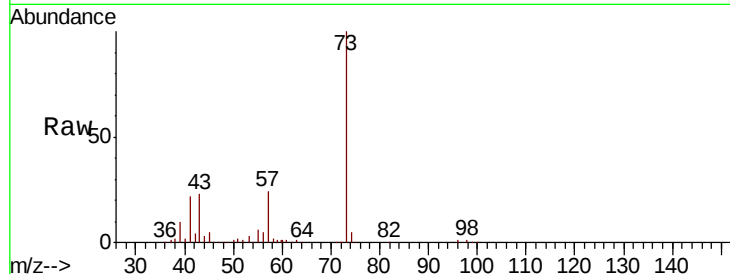




#19
Methyl tert-butyl Ether
Concen: 19.683 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005728.D
Acq: 01 Nov 2018 14:44

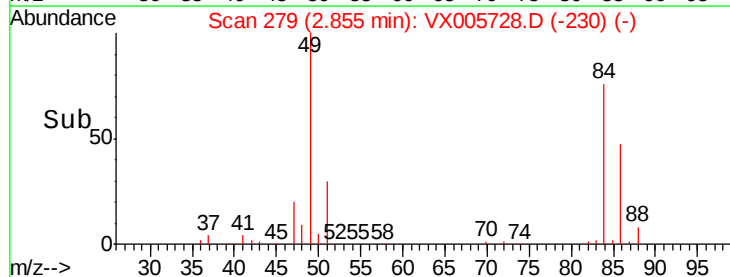
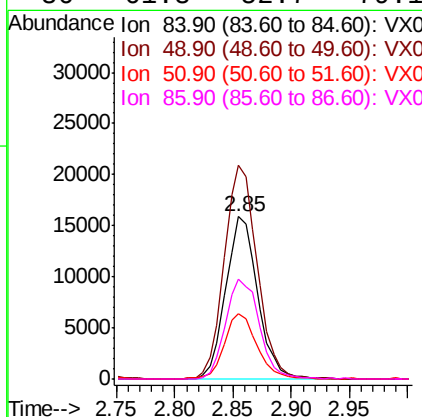
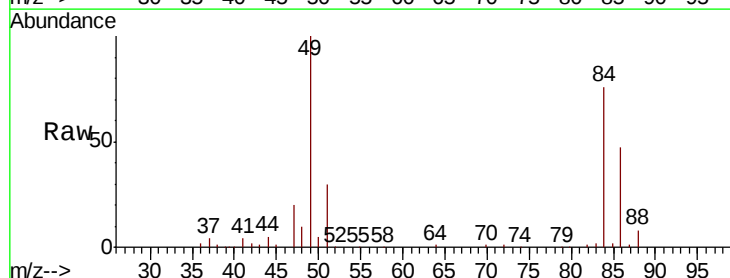
Instrument :
MSVOA_X
ClientSampleId :

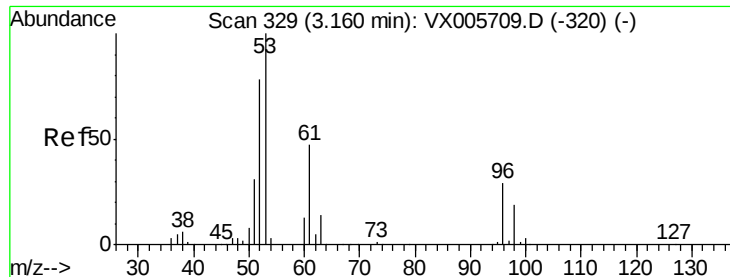
Tot Ion: 73 Resp: 94642
Ion Ratio Lower Upper
73 100
57 24.4 18.8 28.2



#20
Methylene Chloride
Concen: 18.694 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005728.D
Acq: 01 Nov 2018 14:44

Tgt Ion: 84 Resp: 30396
Ion Ratio Lower Upper
84 100
49 131.4 109.5 164.3
51 39.8 33.3 49.9
86 61.8 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 19.023 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005728.D

Acq: 01 Nov 2018 14:44

Instrument :
MSVOA_X
ClientSampled :

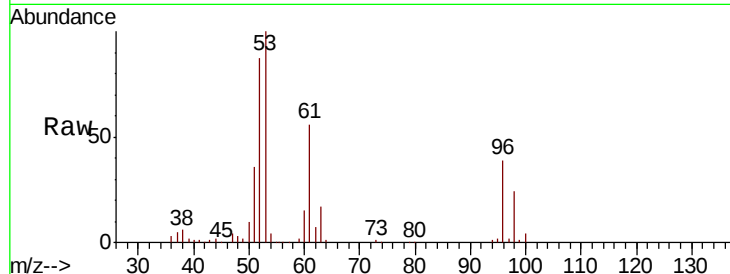
Tot Ion: 96 Resp: 27960

Ion Ratio Lower Upper

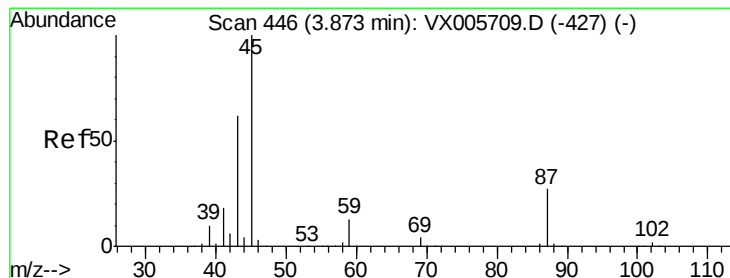
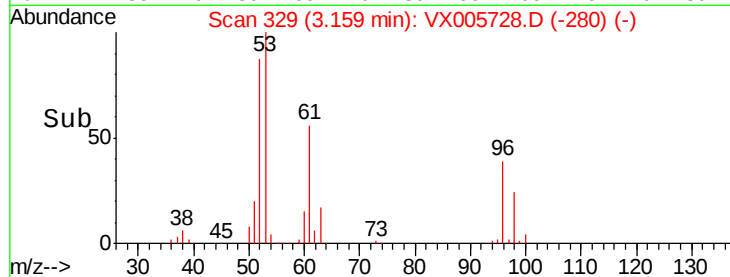
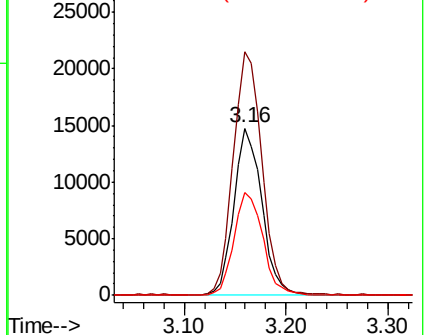
96 100

61 145.8 115.6 173.4

98 61.8 50.2 75.2



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



#22

Diisopropyl ether

Concen: 19.541 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX005728.D

Acq: 01 Nov 2018 14:44

Tgt Ion: 45 Resp: 104118

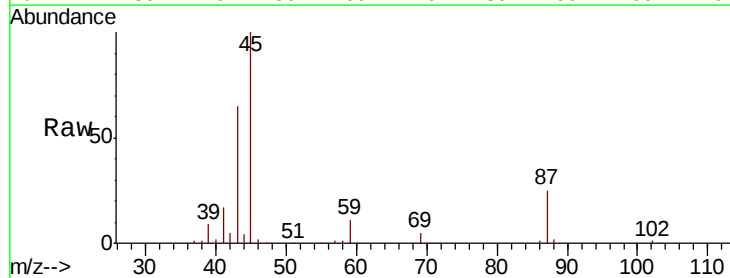
Ion Ratio Lower Upper

45 100

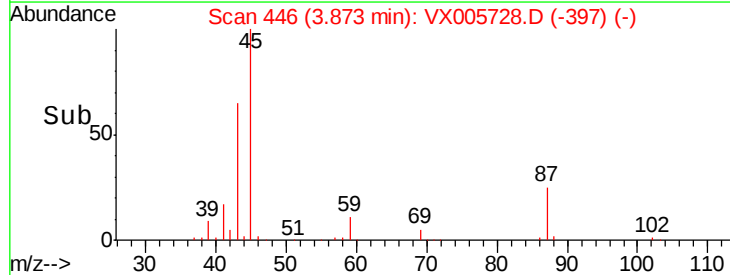
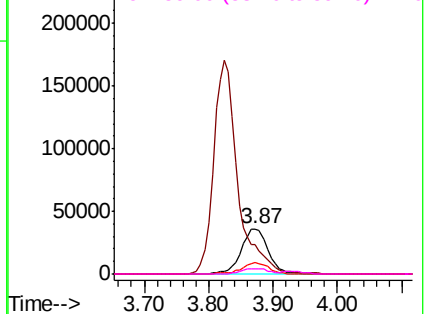
43 64.3 47.4 71.2

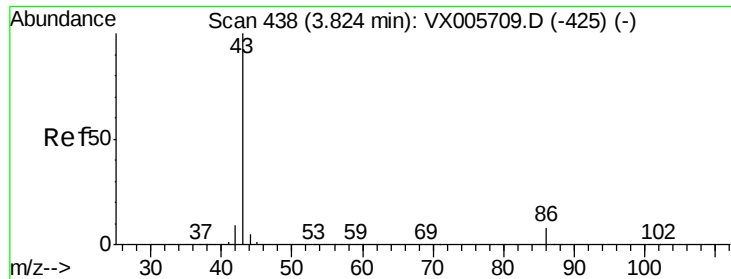
87 24.9 15.9 23.9#

59 11.1 7.7 11.5



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 96.808 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX005728.D

Acq: 01 Nov 2018 14:44

Instrument :

MSVOA_X

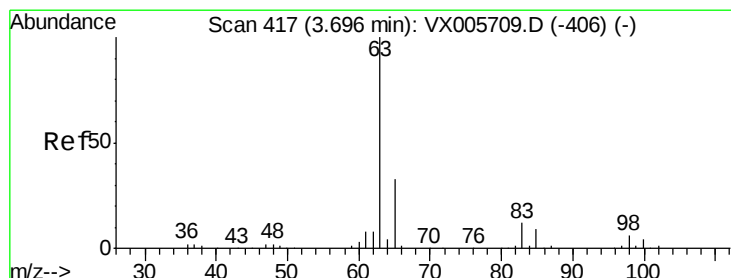
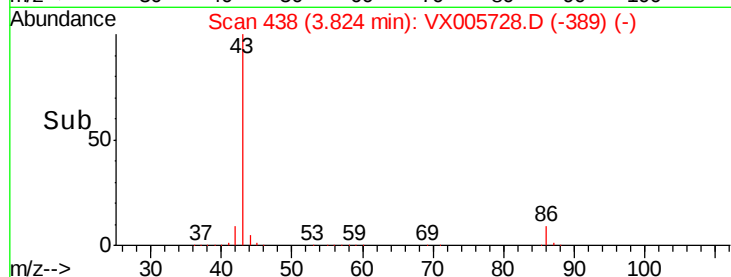
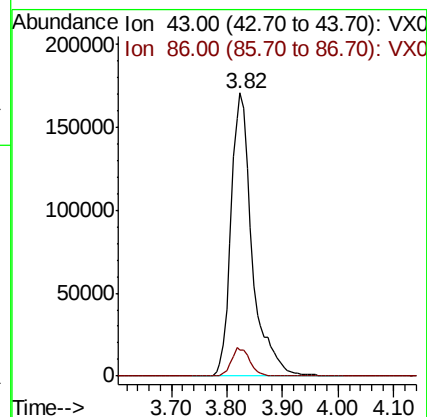
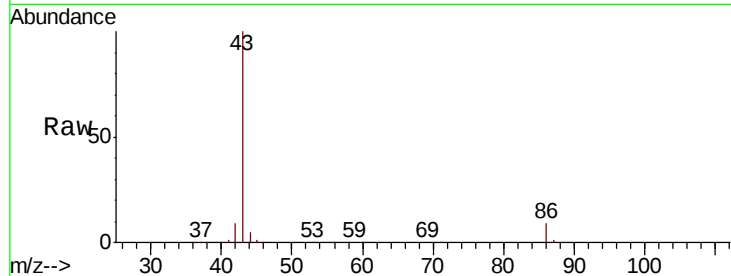
ClientSampleId :

Tot Ion: 43 Resp: 449271

Ion Ratio Lower Upper

43 100

86 9.4 7.4 11.2



#24

1,1-Dichloroethane

Concen: 18.268 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX005728.D

Acq: 01 Nov 2018 14:44

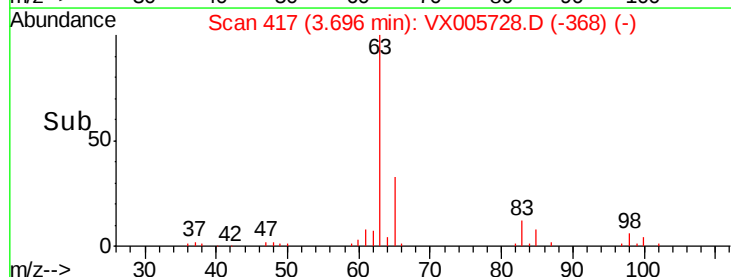
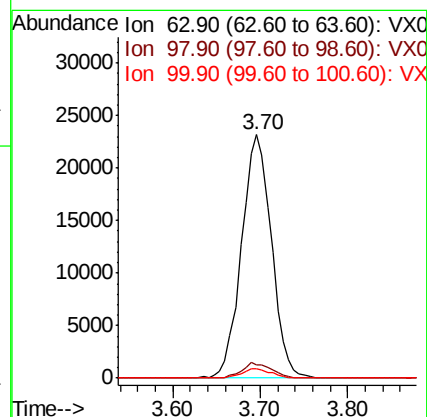
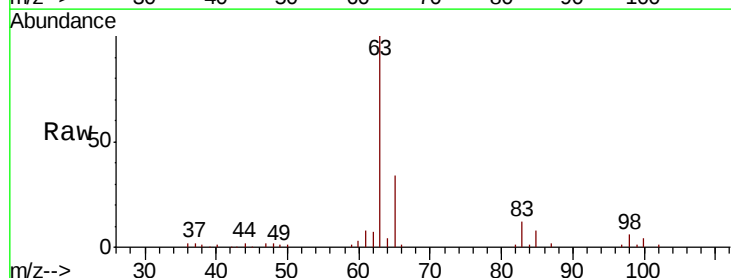
Tgt Ion: 63 Resp: 55037

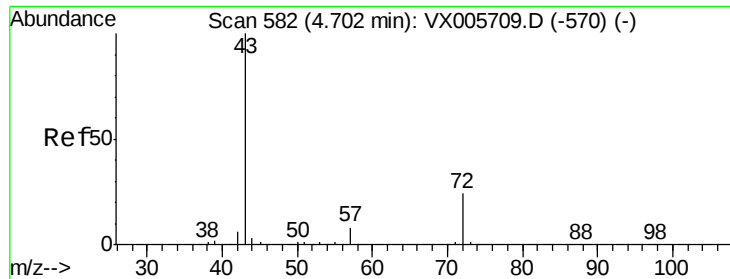
Ion Ratio Lower Upper

63 100

98 5.6 3.2 9.6

100 3.8 2.1 6.2





#25

2-Butanone

Concen: 94.301 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX005728.D

Acq: 01 Nov 2018 14:44

Instrument :

MSVOA_X

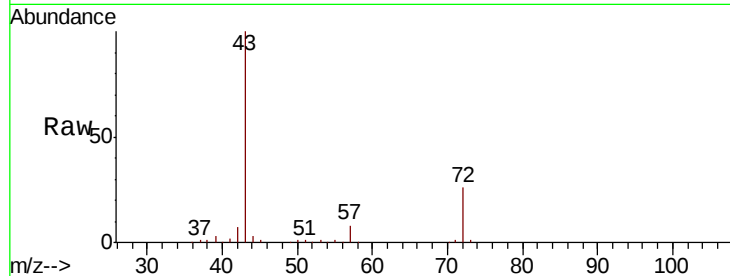
ClientSampleId :

Tot Ion: 43 Resp: 149992

Ion Ratio Lower Upper

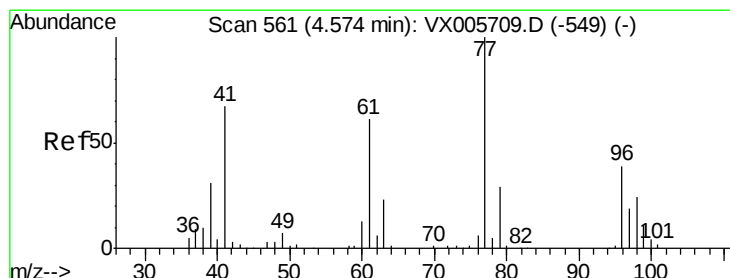
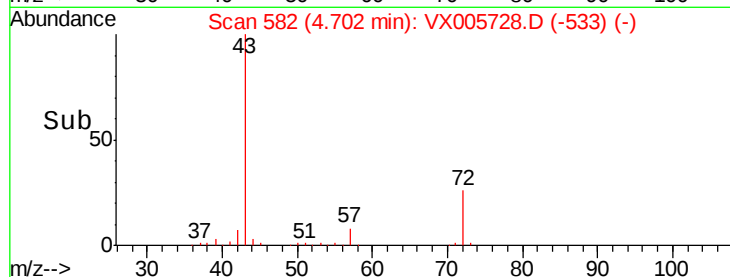
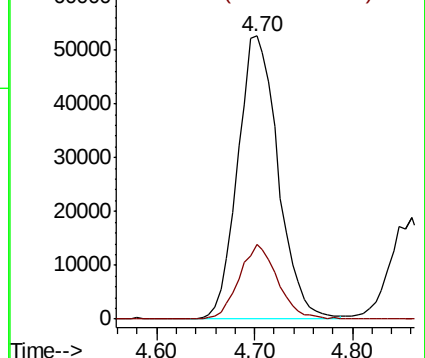
43 100

72 26.1 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: 19.183 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005728.D

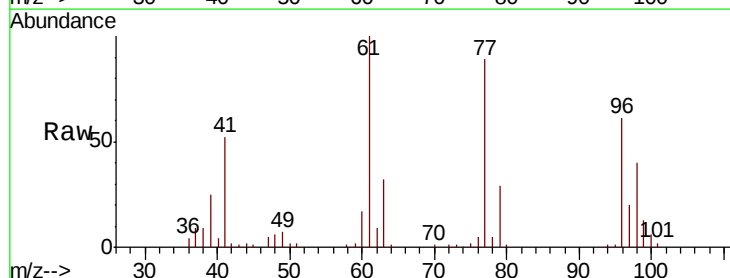
Acq: 01 Nov 2018 14:44

Tgt Ion: 77 Resp: 43204

Ion Ratio Lower Upper

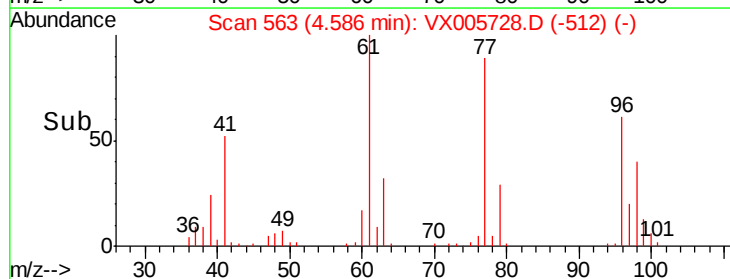
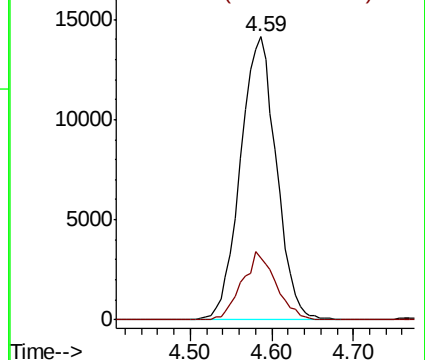
77 100

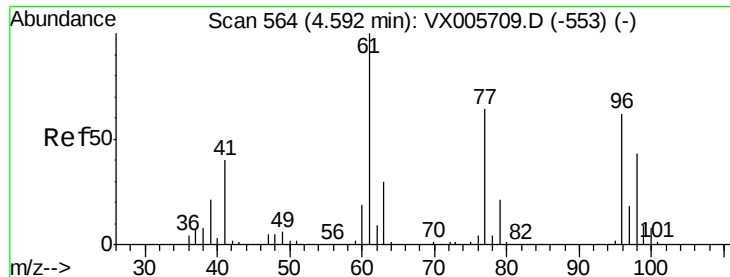
97 22.7 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



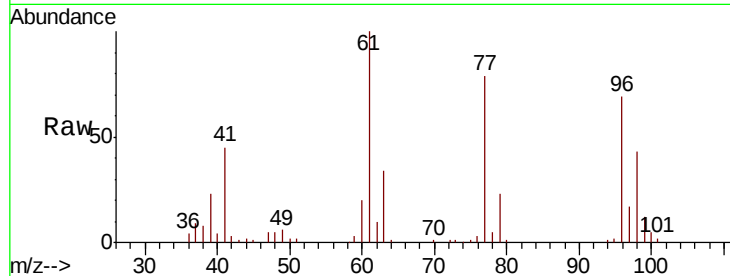


#27

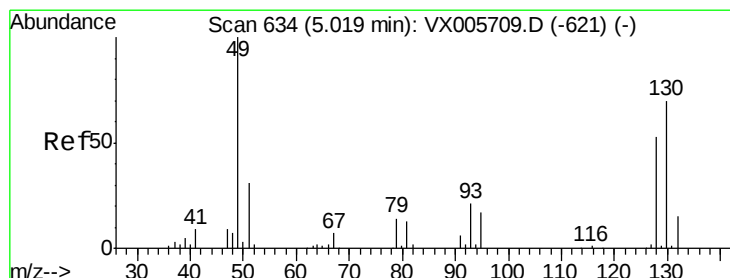
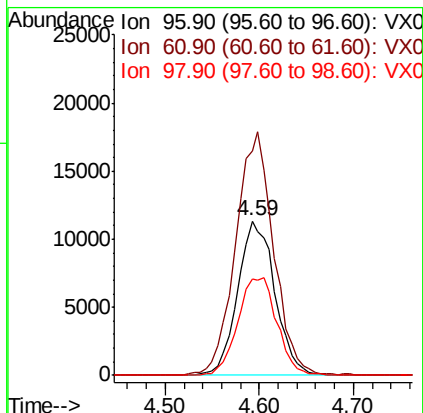
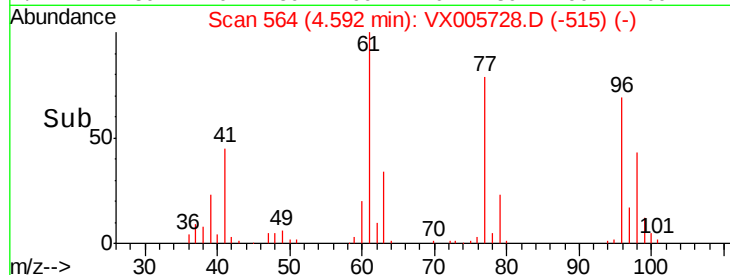
cis-1,2-Dichloroethene
Concen: 19.014 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX005728.D
Acq: 01 Nov 2018 14:44

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 96 Resp: 31404
Ion Ratio Lower Upper
96 100
61 160.1 0.0 304.6
98 66.2 0.0 127.4



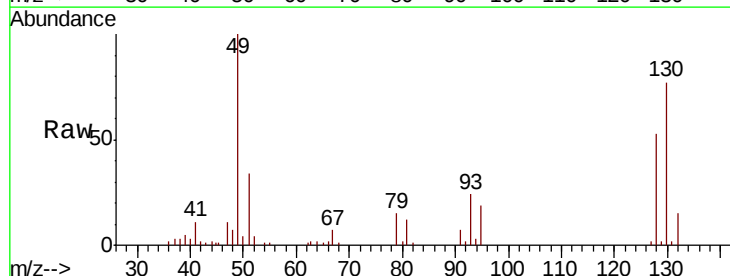
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



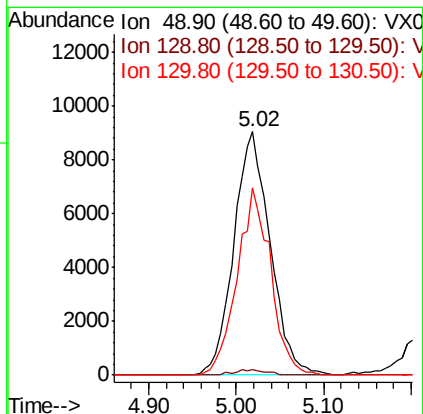
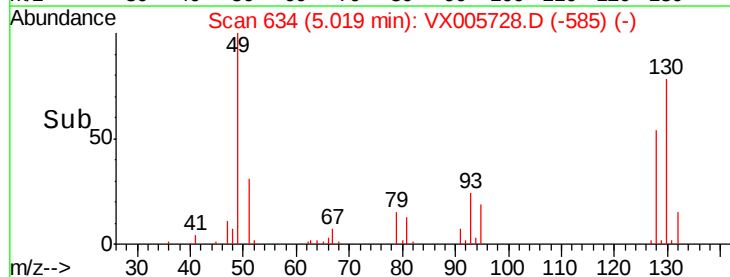
#28

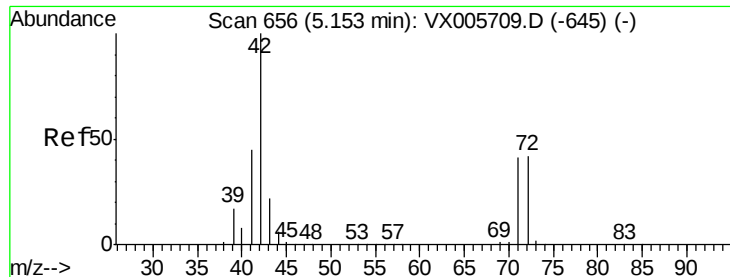
Bromochloromethane
Concen: 17.828 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX005728.D
Acq: 01 Nov 2018 14:44

Tgt Ion: 49 Resp: 26205
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.0
130 70.5 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

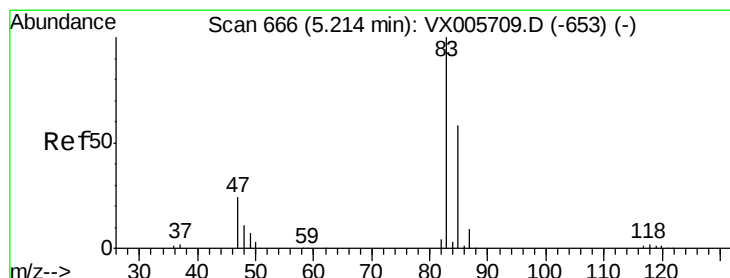
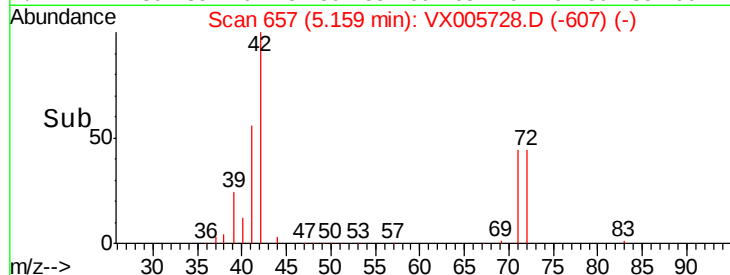
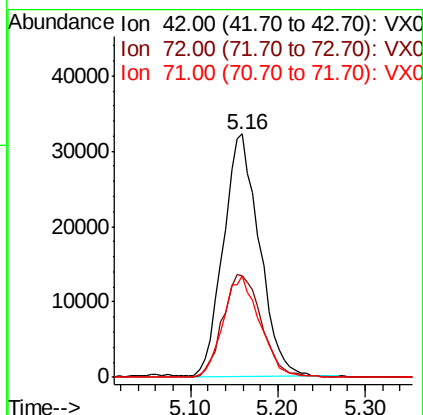
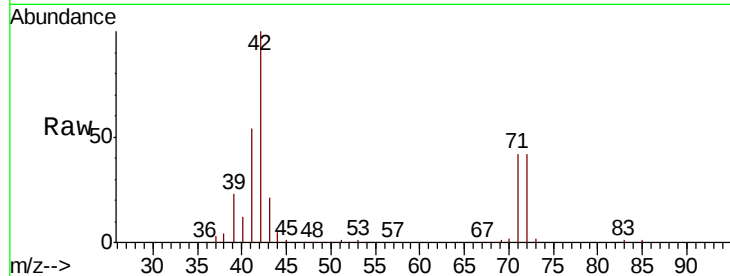




#29
Tetrahydrofuran
Concen: 95.048 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX005728.D
Acq: 01 Nov 2018 14:44

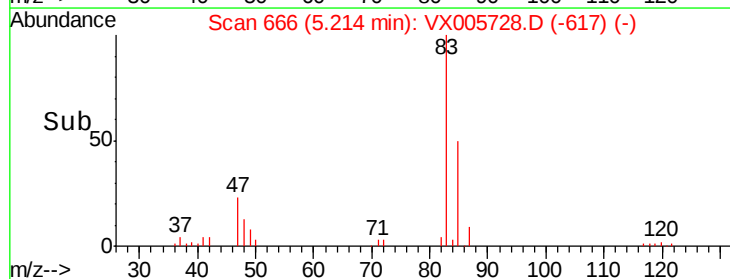
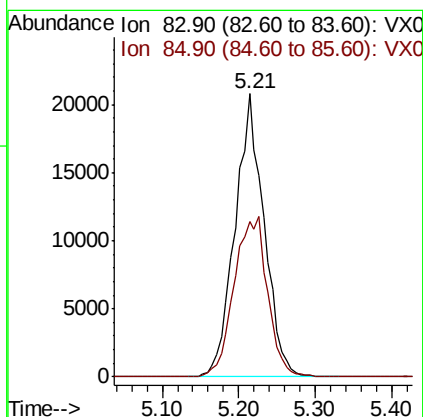
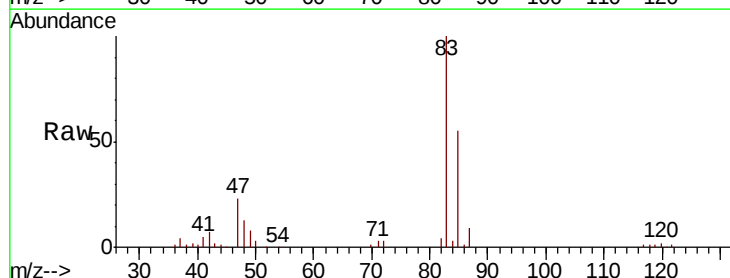
Instrument :
MSVOA_X
ClientSampled :

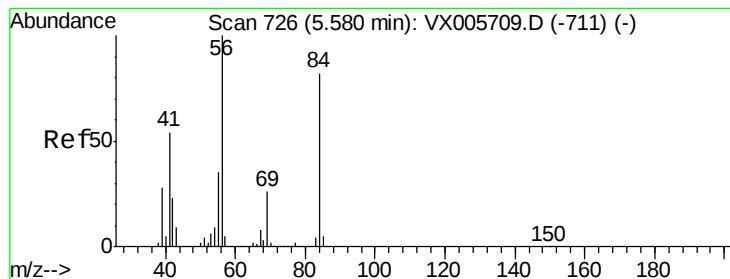
Tot Ion: 42 Resp: 92275
Ion Ratio Lower Upper
42 100
72 45.3 32.0 48.0
71 42.6 29.8 44.8



#30
Chloroform
Concen: 18.610 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005728.D
Acq: 01 Nov 2018 14:44

Tgt Ion: 83 Resp: 54817
Ion Ratio Lower Upper
83 100
85 54.8 50.6 76.0





#31

Cyclohexane

Concen: 19.043 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX005728.D

Acq: 01 Nov 2018 14:44

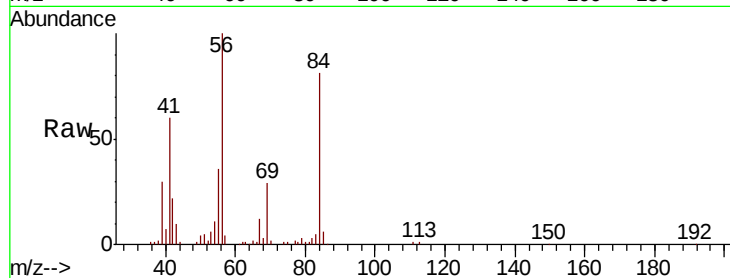
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 56 Resp: 47977

Ion	Ratio	Lower	Upper
56	100		
69	28.6	22.6	34.0
84	79.1	62.7	94.1

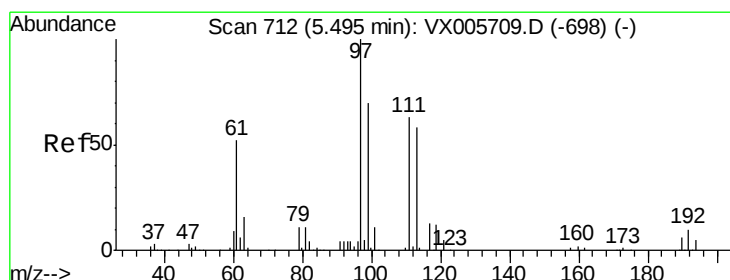
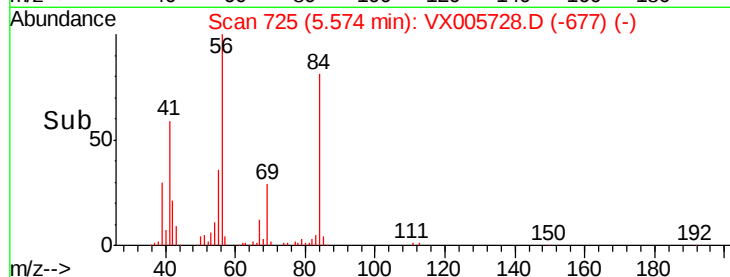
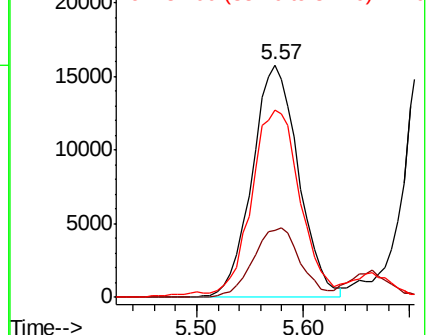


Abundance

Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 18.918 ug/l

RT: 5.49 min Scan# 711

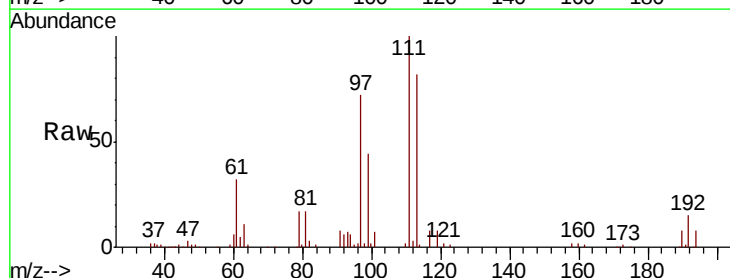
Delta R.T. -0.01 min

Lab File: VX005728.D

Acq: 01 Nov 2018 14:44

Tgt Ion: 97 Resp: 44598

Ion	Ratio	Lower	Upper
97	100		
99	65.3	52.3	78.5
61	47.8	35.2	52.8

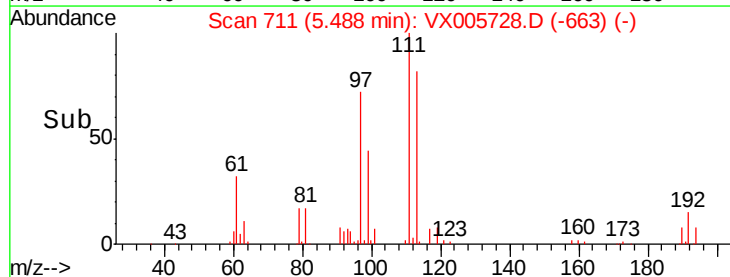
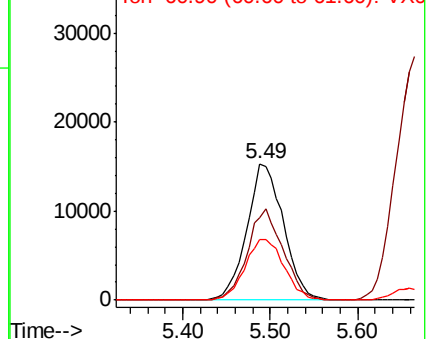


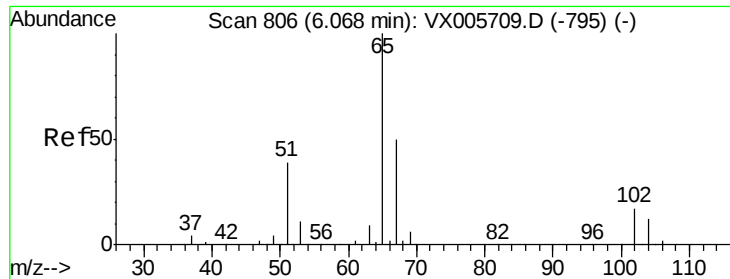
Abundance

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: 47.827 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005728.D

Acq: 01 Nov 2018 14:44

Instrument :

MSVOA_X

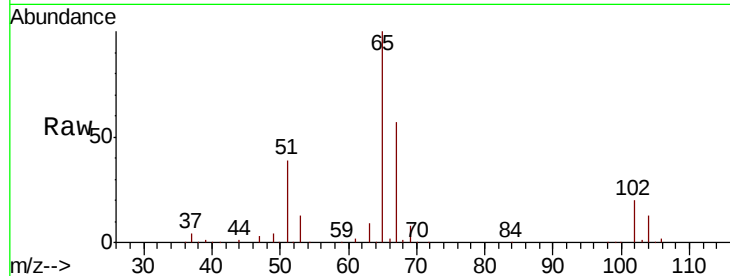
ClientSampleId :

Tot Ion: 65 Resp: 90180

Ion Ratio Lower Upper

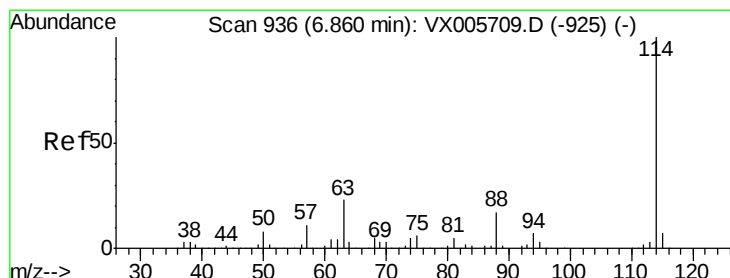
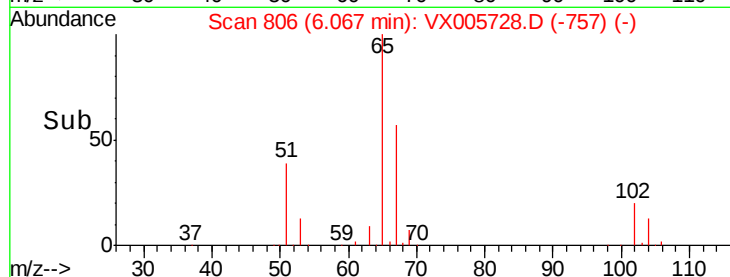
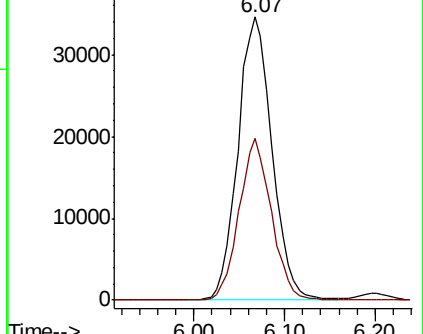
65 100

67 54.2 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: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX005728.D

Acq: 01 Nov 2018 14:44

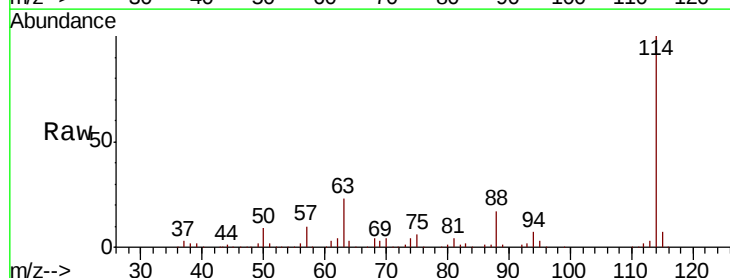
Tgt Ion: 114 Resp: 222743

Ion Ratio Lower Upper

114 100

63 23.2 0.0 42.8

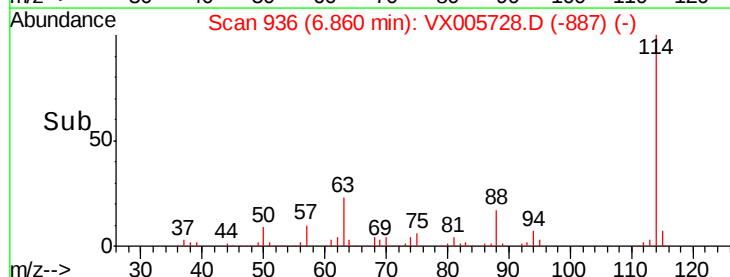
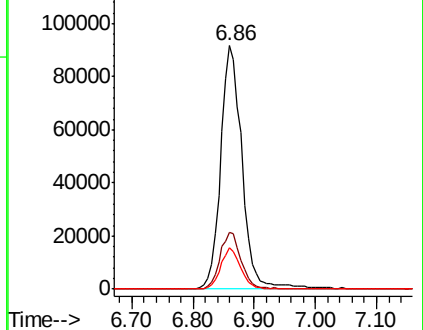
88 17.0 0.0 31.2

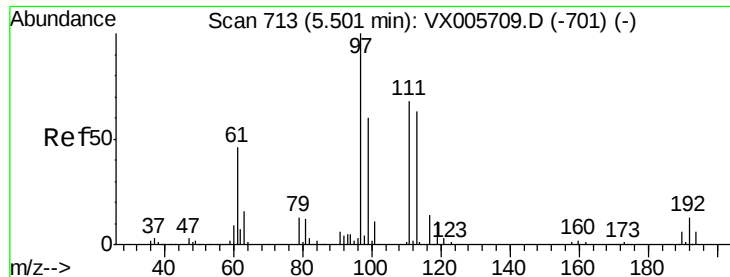


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

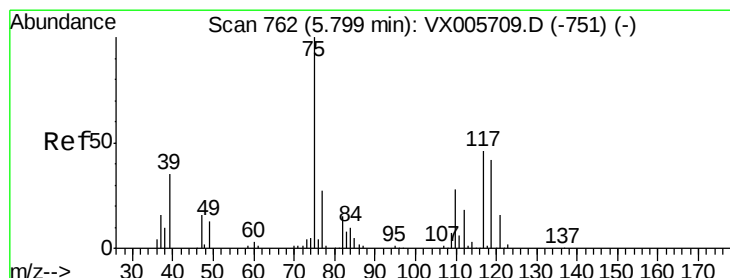
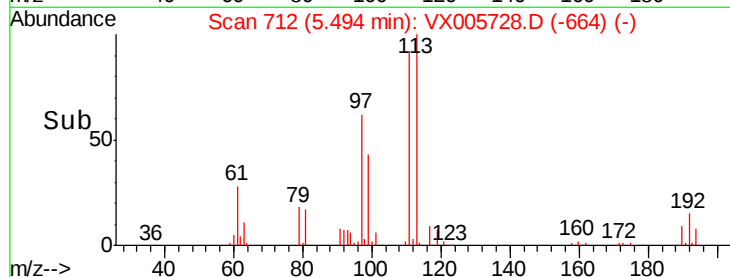
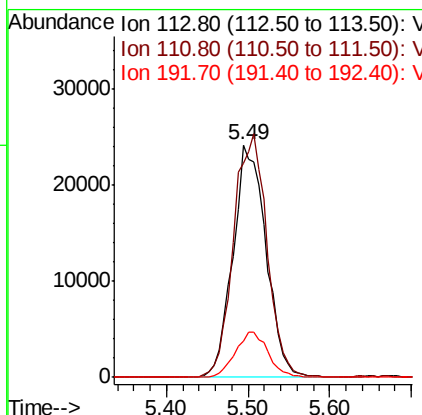
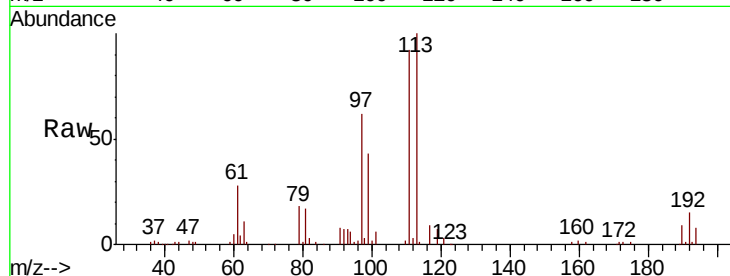




#35
 Dibromofluoromethane
 Concen: 44.031 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX005728.D
 Acq: 01 Nov 2018 14:44

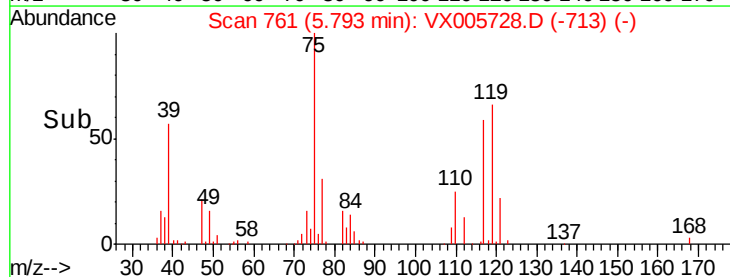
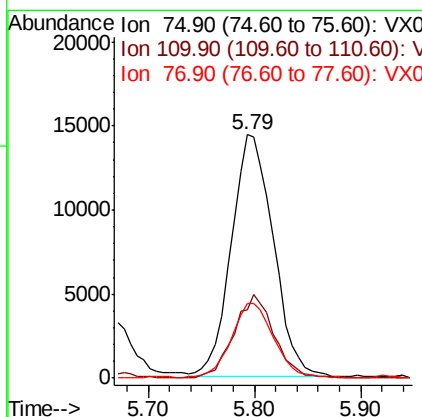
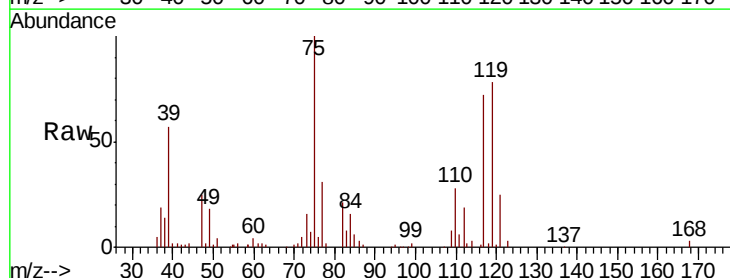
Instrument :
 MSVOA_X
 ClientSampleId :

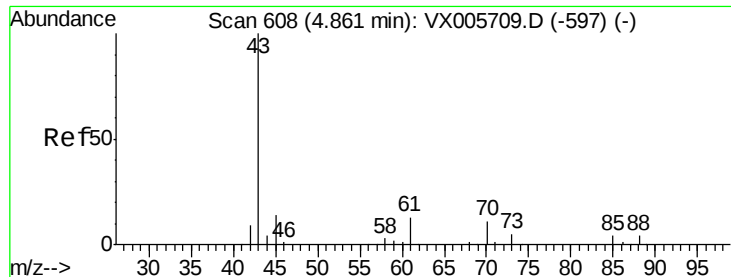
Tot Ion:113 Resp: 67908
 Ion Ratio Lower Upper
 113 100
 111 105.6 82.3 123.5
 192 19.3 17.9 26.9



#36
 1,1-Dichloropropene
 Concen: 16.793 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX005728.D
 Acq: 01 Nov 2018 14:44

Tgt Ion: 75 Resp: 39852
 Ion Ratio Lower Upper
 75 100
 110 32.8 17.4 52.2
 77 31.6 25.8 38.6

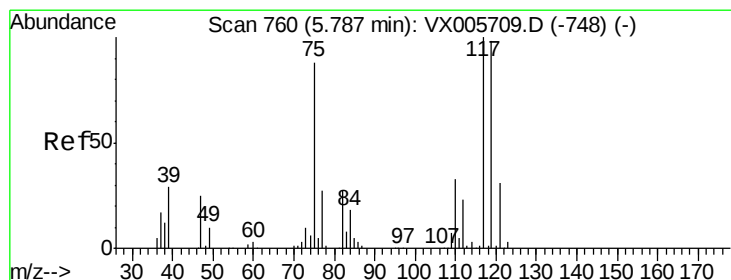
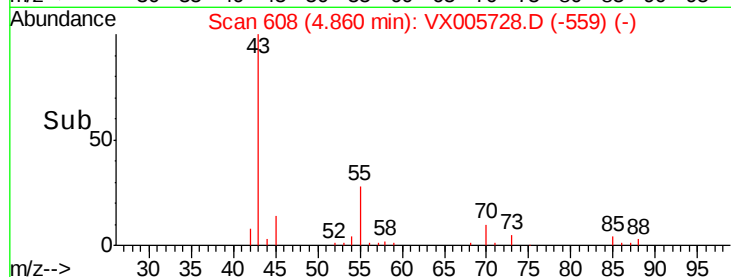
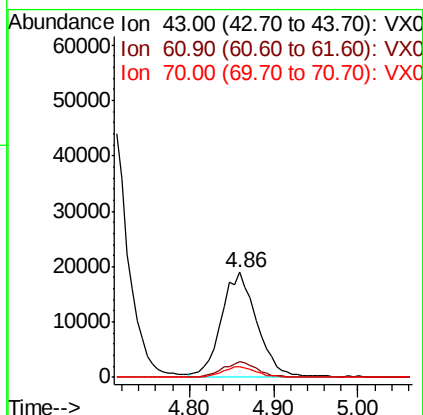
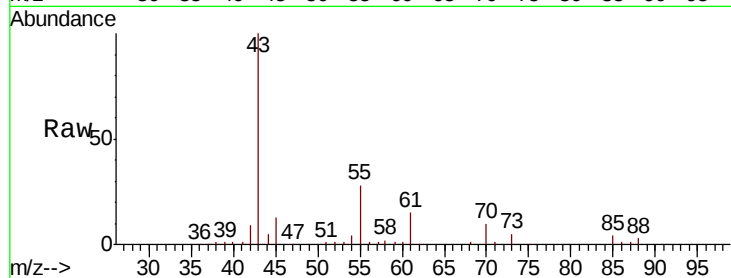




#37
Ethyl Acetate
Concen: 17.866 ug/l
RT: 4.86 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX005728.D
Acq: 01 Nov 2018 14:44

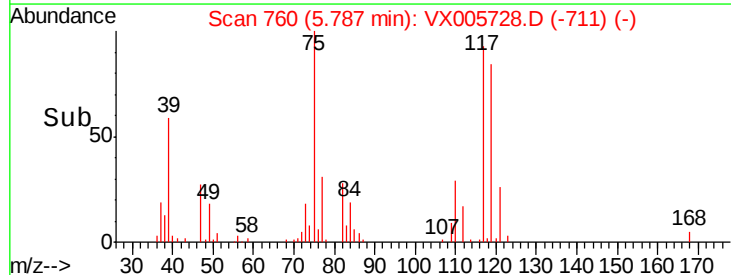
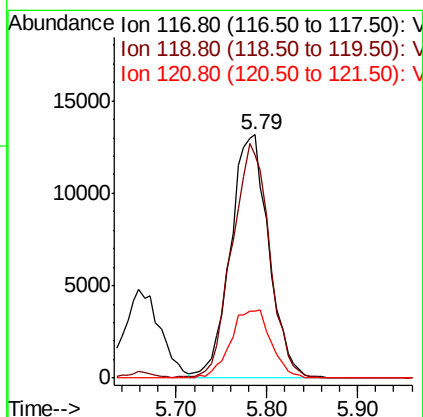
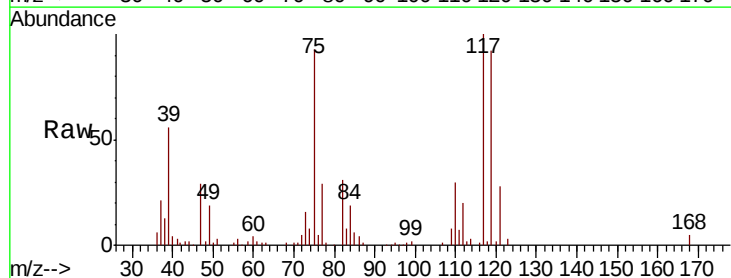
Instrument :
MSVOA_X
ClientSampled :

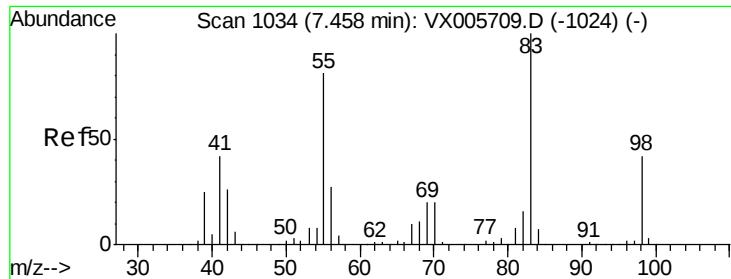
Tot Ion: 43 Resp: 54093
Ion Ratio Lower Upper
43 100
61 14.5 10.8 16.2
70 10.1 7.8 11.8



#38
Carbon Tetrachloride
Concen: 18.006 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX005728.D
Acq: 01 Nov 2018 14:44

Tgt Ion: 117 Resp: 38607
Ion Ratio Lower Upper
117 100
119 91.8 78.1 117.1
121 27.5 24.6 36.8

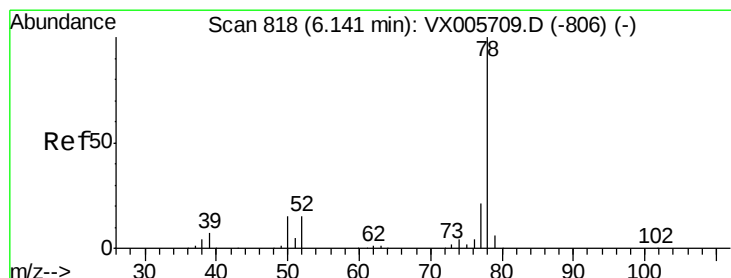
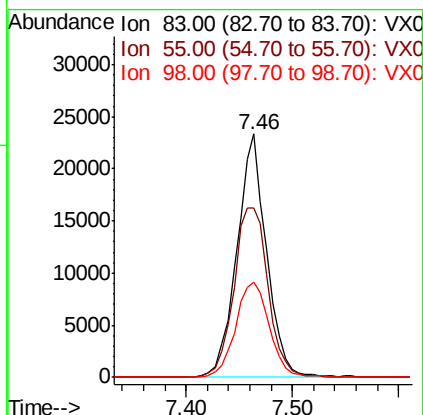
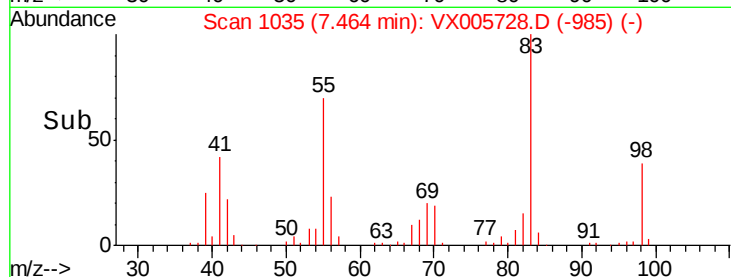
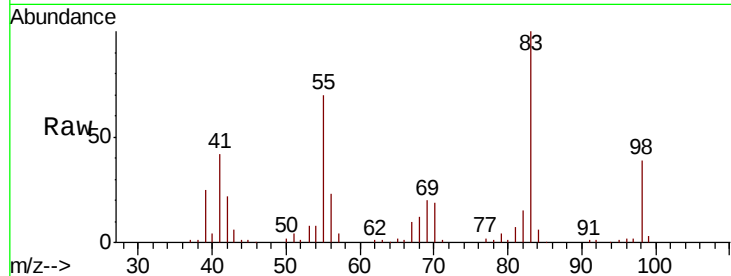




#39
Methvlcvclohexane
Concen: 18.400 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005728.D
Acq: 01 Nov 2018 14:44

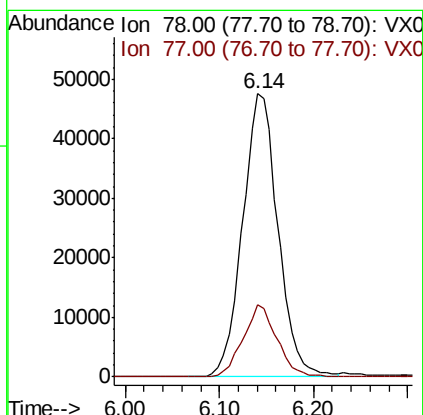
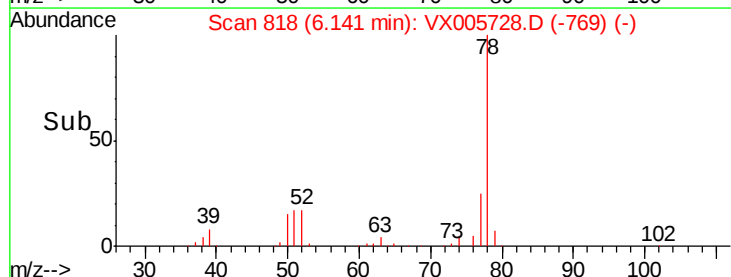
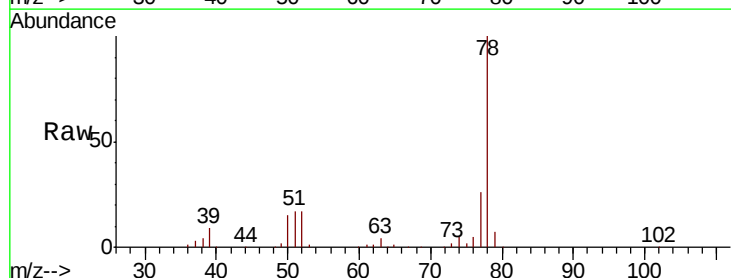
Instrument :
MSVOA_X
ClientSampleId :

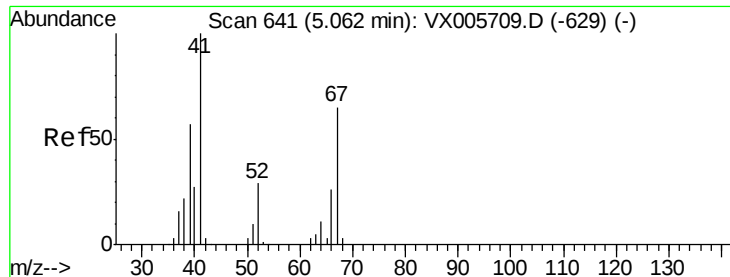
Tot Ion: 83 Resp: 45539
Ion Ratio Lower Upper
83 100
55 69.7 63.7 95.5
98 39.3 36.2 54.2



#40
Benzene
Concen: 17.746 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005728.D
Acq: 01 Nov 2018 14:44

Tgt Ion: 78 Resp: 125291
Ion Ratio Lower Upper
78 100
77 25.6 18.4 27.6

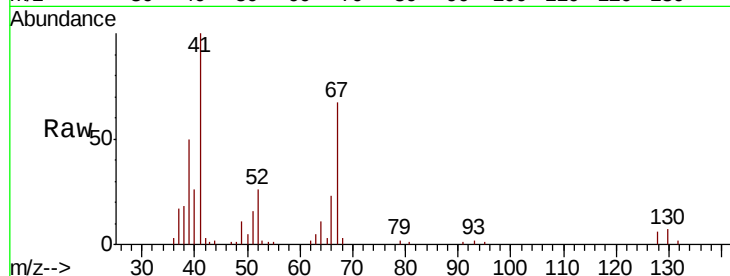




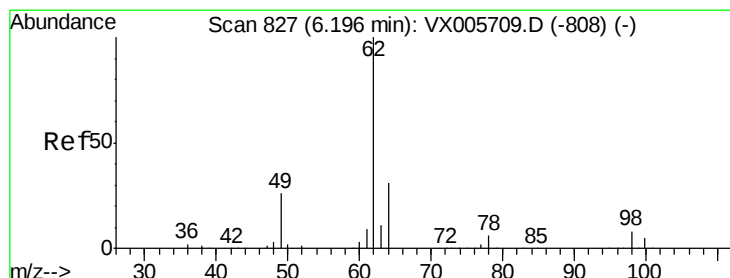
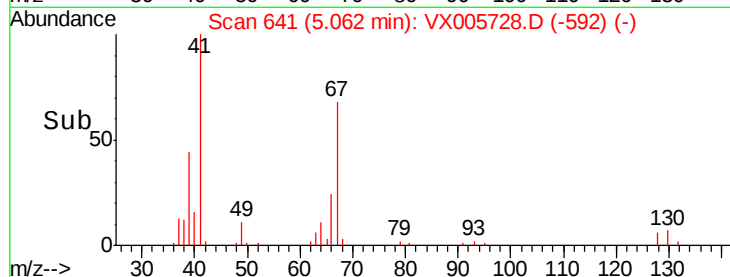
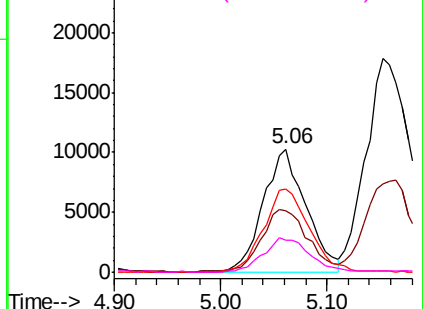
#41
Methacrylonitrile
Concen: 17.623 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005728.D
Acq: 01 Nov 2018 14:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	28829
Ion	Ratio	Lower	Upper
41	100		
39	55.2	42.2	63.2
67	72.3	53.4	80.0
52	30.4	23.4	35.2

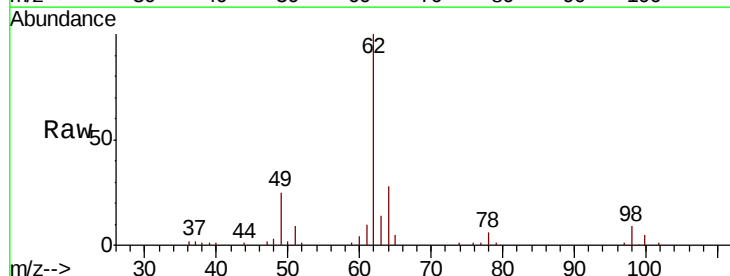


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

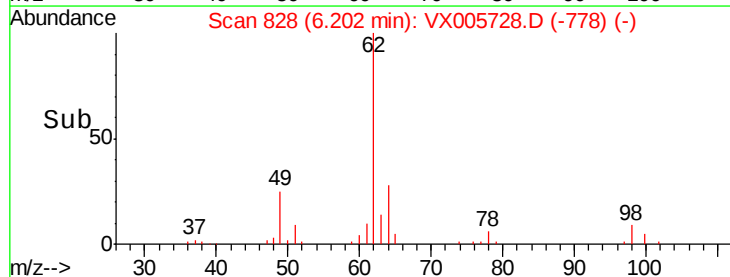
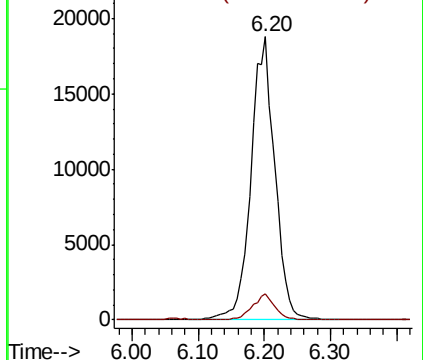


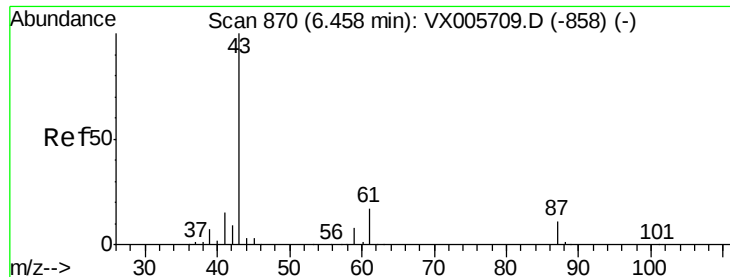
#42
1,2-Dichloroethane
Concen: 18.162 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX005728.D
Acq: 01 Nov 2018 14:44

Tgt Ion:	62	Resp:	47397
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.8



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



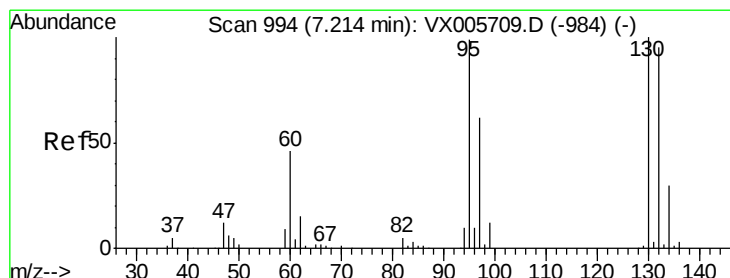
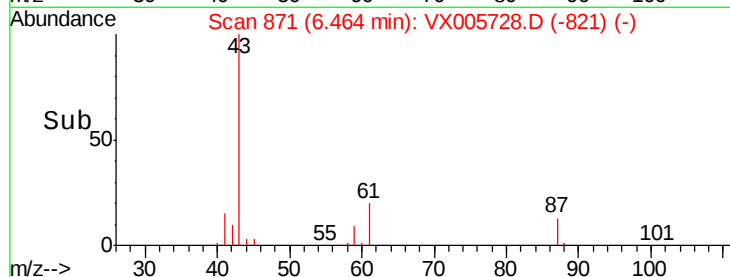
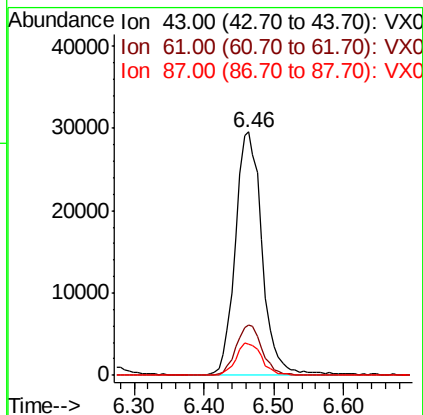
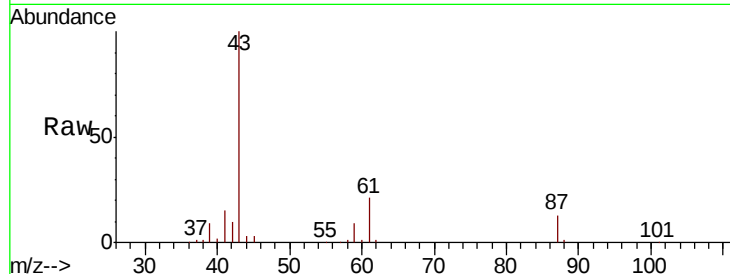


#43

Isopropyl Acetate
 Concen: 17.899 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX005728.D
 Acq: 01 Nov 2018 14:44

Instrument :
 MSVOA_X
 ClientSampleId :

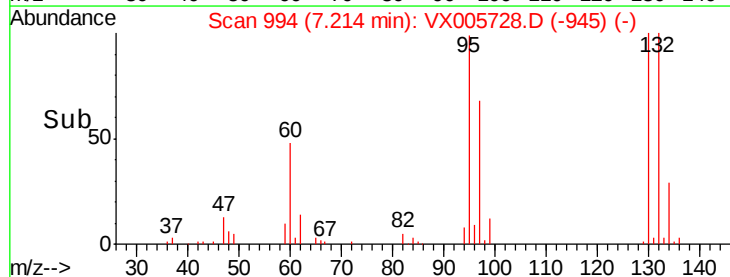
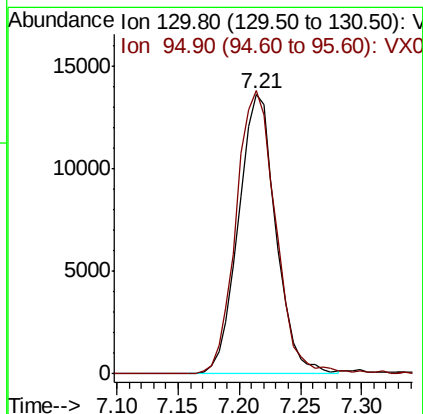
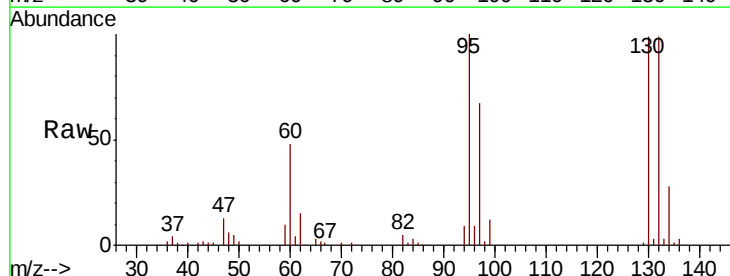
Tot Ion: 43 Resp: 78654
 Ion Ratio Lower Upper
 43 100
 61 20.4 14.6 22.0
 87 12.6 9.6 14.4

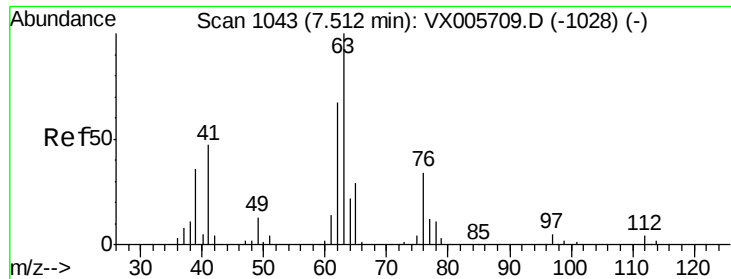


#44

Trichloroethene
 Concen: 17.750 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX005728.D
 Acq: 01 Nov 2018 14:44

Tgt Ion:130 Resp: 28984
 Ion Ratio Lower Upper
 130 100
 95 101.2 0.0 194.2

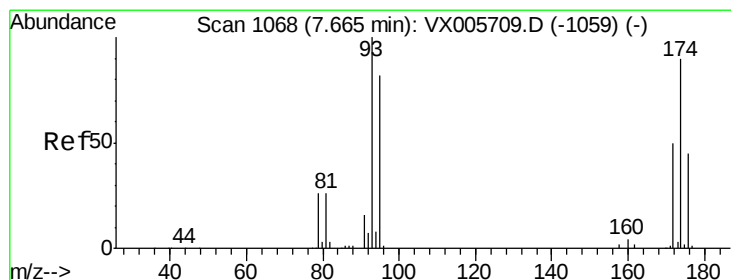
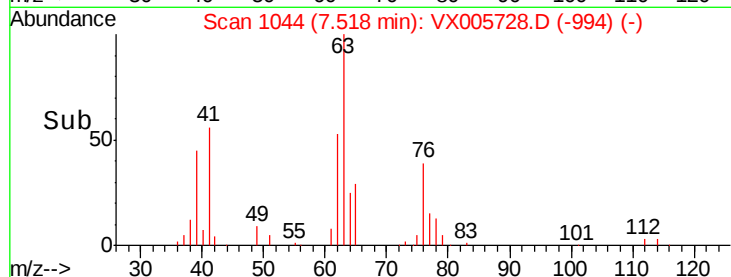
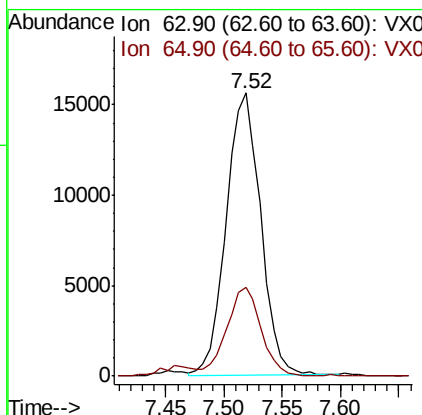
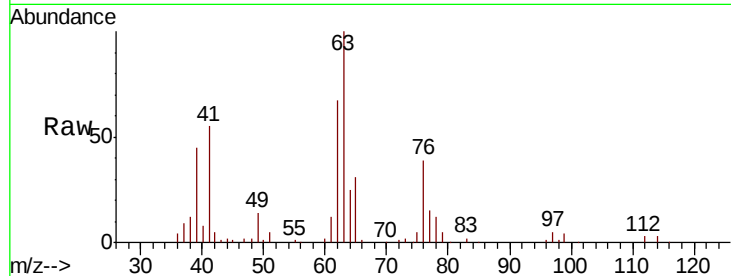




#45
 1,2-Dichloropropane
 Concen: 17.814 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VX005728.D
 Acq: 01 Nov 2018 14:44

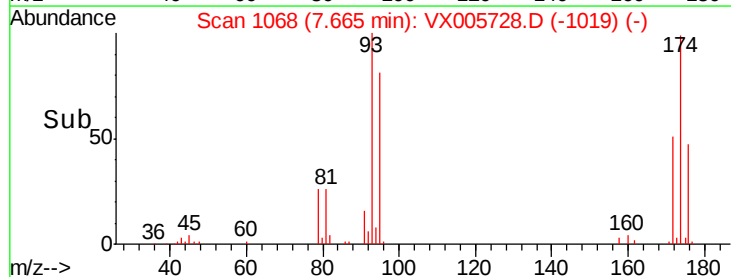
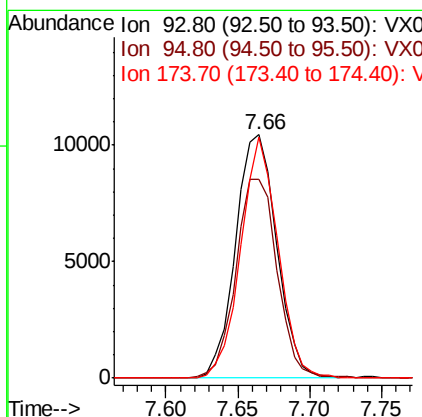
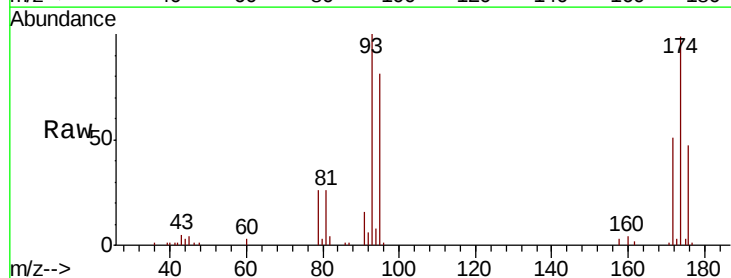
Instrument :
 MSVOA_X
 ClientSampleId :

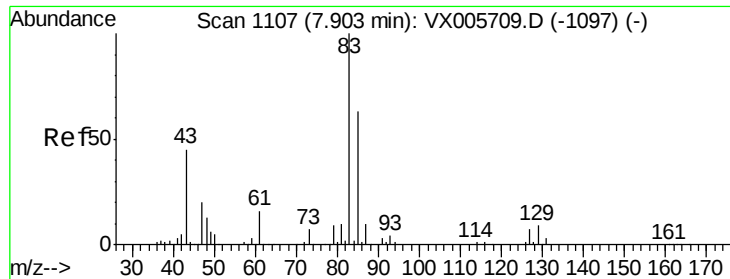
Tot Ion: 63 Resp: 32231
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.8 37.2



#46
 Dibromomethane
 Concen: 17.927 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX005728.D
 Acq: 01 Nov 2018 14:44

Tgt Ion: 93 Resp: 20728
 Ion Ratio Lower Upper
 93 100
 95 82.1 67.4 101.0
 174 89.1 91.5 137.3#





#47

Bromodichloromethane

Concen: 18.024 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX005728.D

Acq: 01 Nov 2018 14:44

Instrument :
MSVOA_X
ClientSampled :

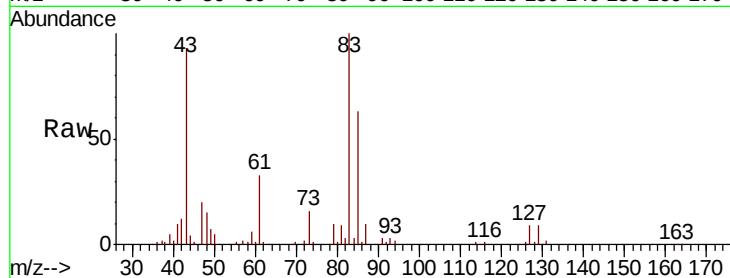
Tot Ion: 83 Resp: 39091

Ion Ratio Lower Upper

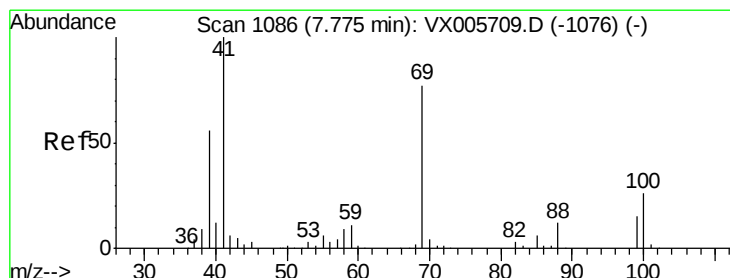
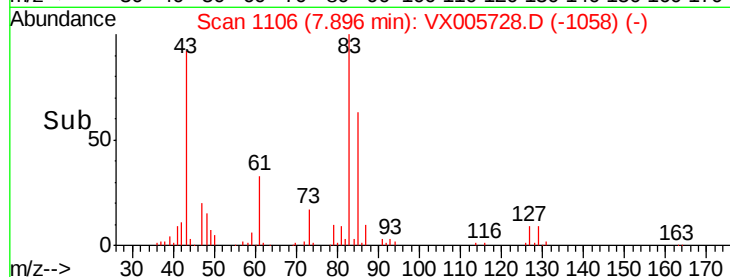
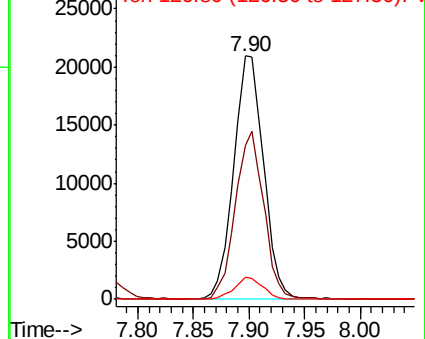
83 100

85 63.1 50.2 75.4

127 9.0 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: 18.182 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.01 min

Lab File: VX005728.D

Acq: 01 Nov 2018 14:44

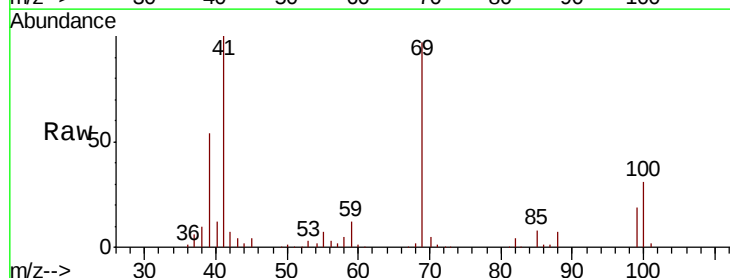
Tgt Ion: 41 Resp: 38671

Ion Ratio Lower Upper

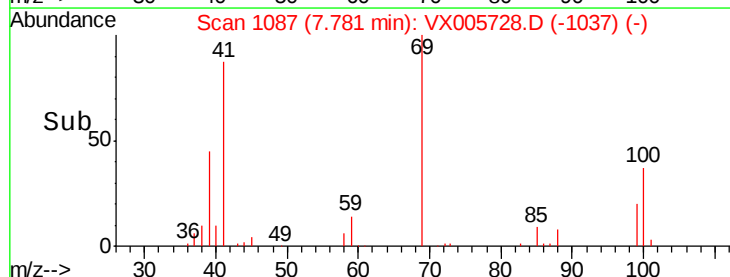
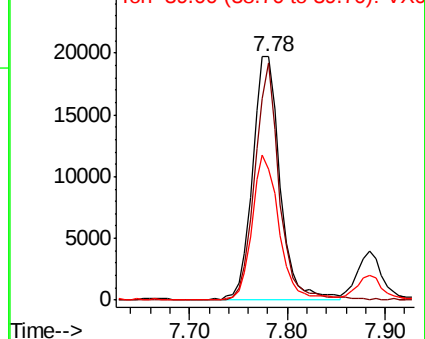
41 100

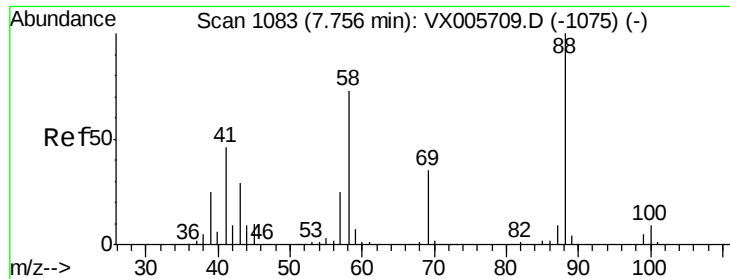
69 86.1 63.2 94.8

39 58.4 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

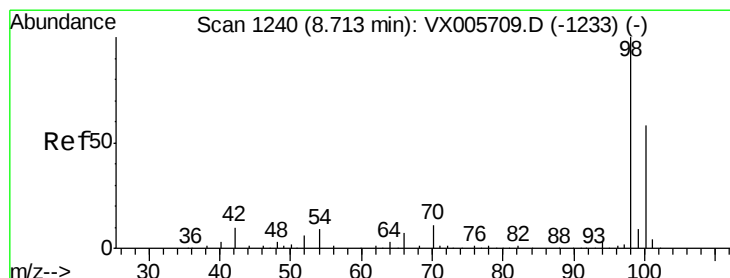
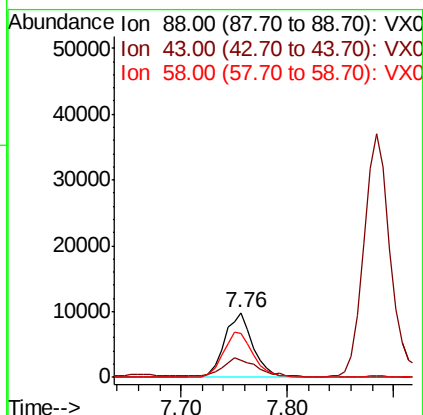
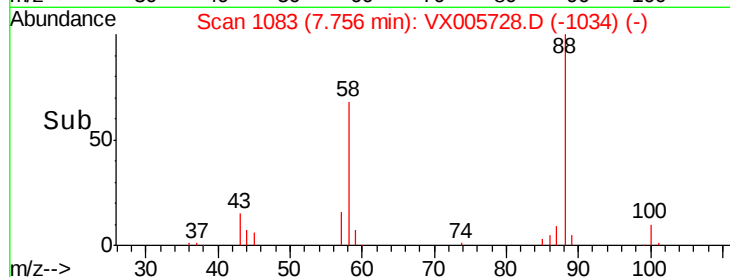
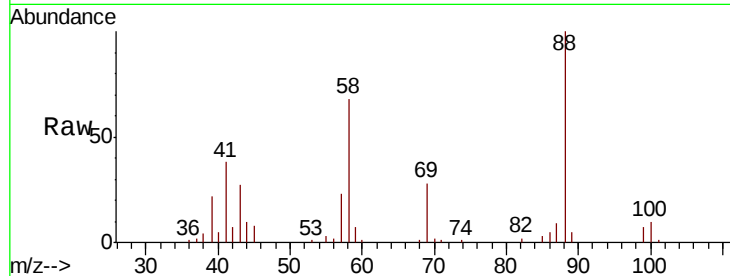




#49
1,4-Dioxane
Concen: 384.858 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005728.D
Acq: 01 Nov 2018 14:44

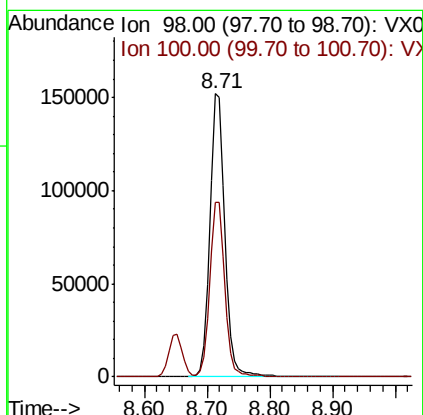
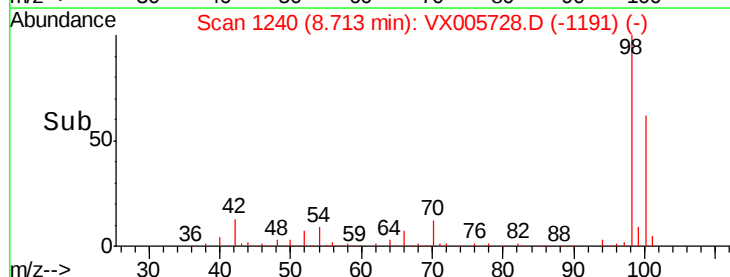
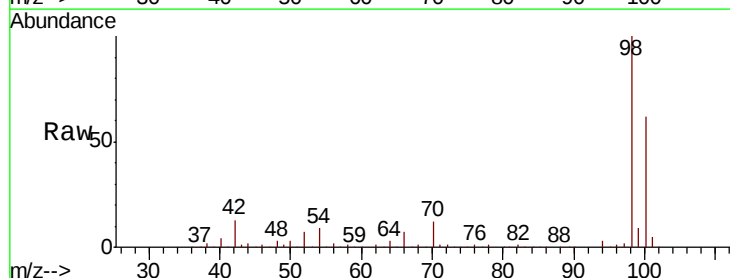
Instrument :
MSVOA_X
ClientSampleId :

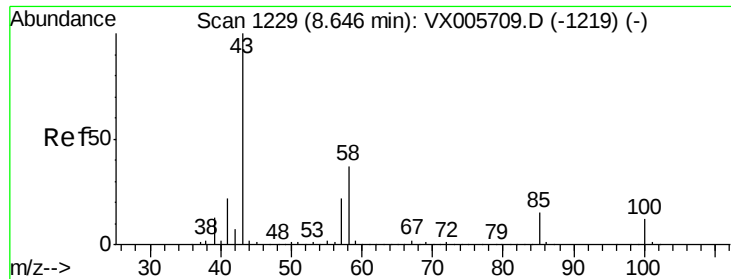
Tot Ion: 88 Resp: 18227
Ion Ratio Lower Upper
88 100
43 33.9 27.4 41.0
58 73.6 59.4 89.2



#50
Toluene-d8
Concen: 46.329 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005728.D
Acq: 01 Nov 2018 14:44

Tgt Ion: 98 Resp: 250606
Ion Ratio Lower Upper
98 100
100 62.3 51.3 76.9





#51

4-Methyl-2-Pentanone

Concen: 89.773 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX005728.D

Acq: 01 Nov 2018 14:44

Instrument :

MSVOA_X

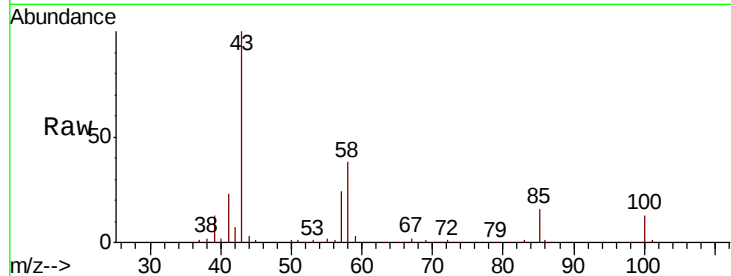
ClientSampleId :

Tot Ion: 43 Resp: 268994

Ion Ratio Lower Upper

43 100

58 38.2 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX005709.D (-1219) (-)

Ion 58.00 (57.70 to 58.70): VX005709.D (-1219) (-)

8.65

150000

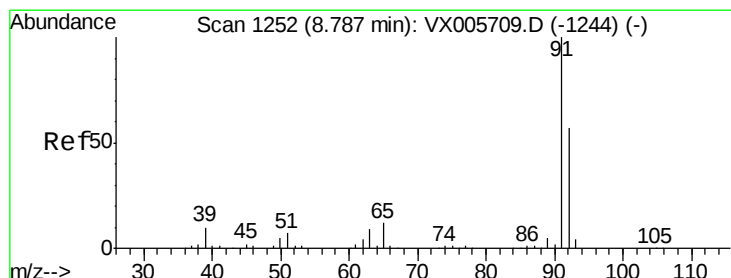
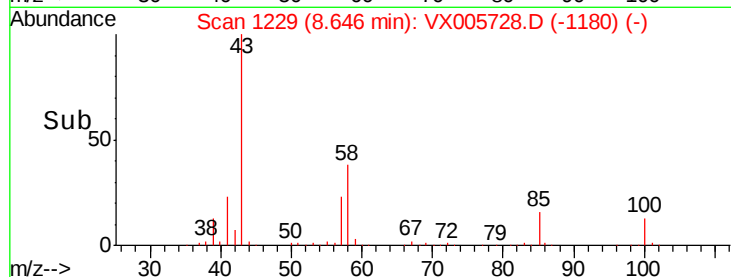
100000

50000

0

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 18.390 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005728.D

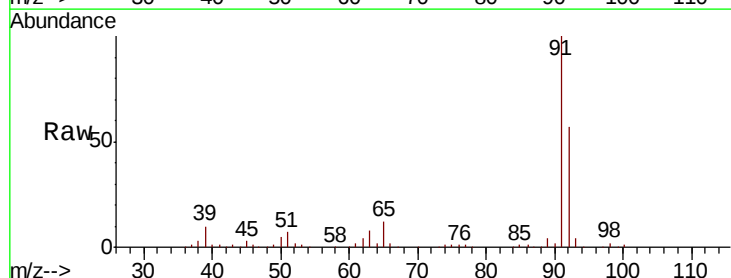
Acq: 01 Nov 2018 14:44

Tgt Ion: 92 Resp: 70228

Ion Ratio Lower Upper

92 100

91 177.2 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX005709.D (-1244) (-)

Ion 91.00 (90.70 to 91.70): VX005709.D (-1244) (-)

8.79

80000

60000

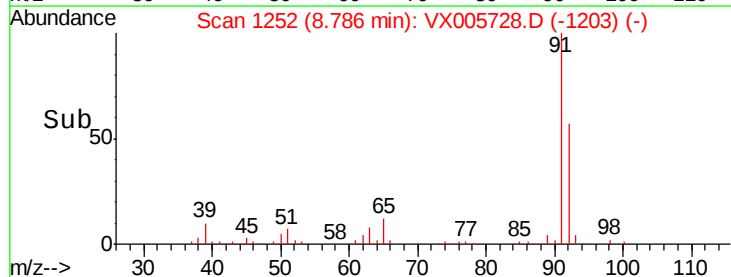
40000

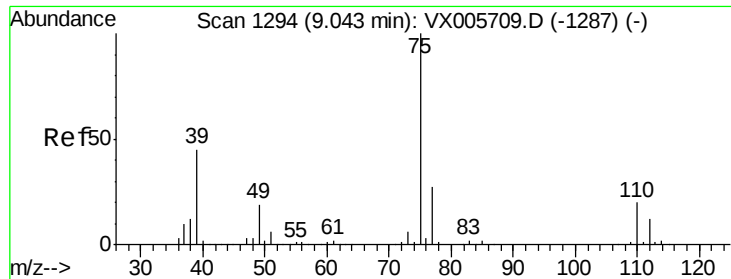
20000

0

8.70 8.80 8.90

Time-->

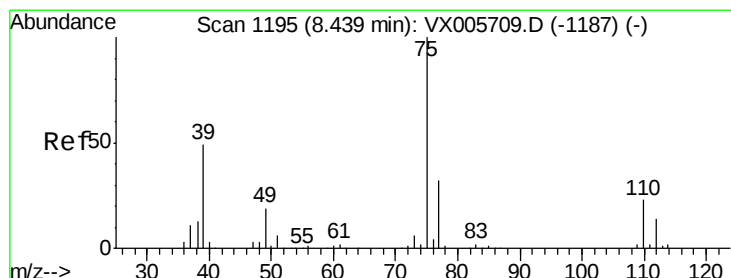
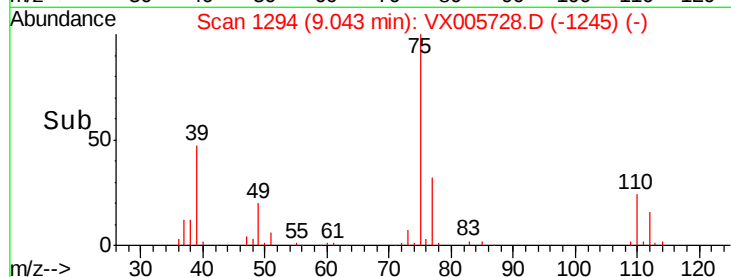
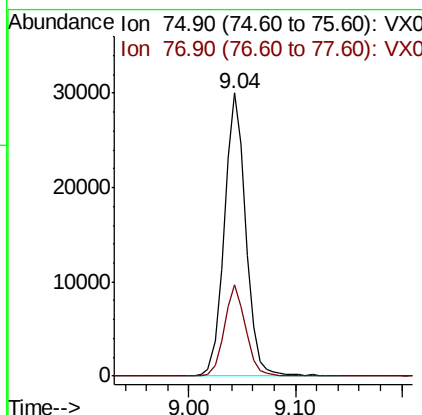
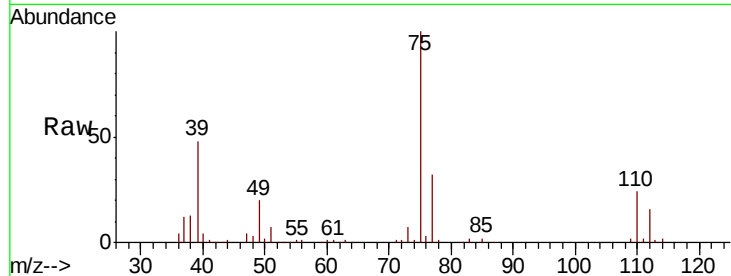




#53
 t-1,3-Dichloropropene
 Concen: 18.006 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX005728.D
 Acq: 01 Nov 2018 14:44

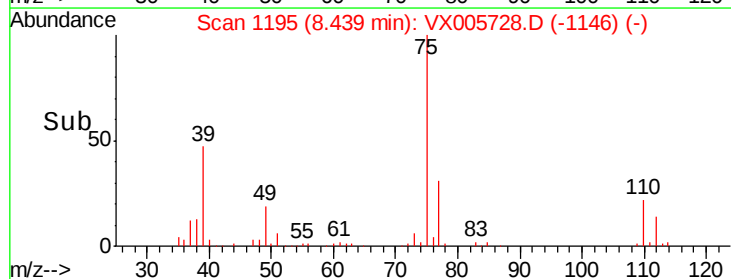
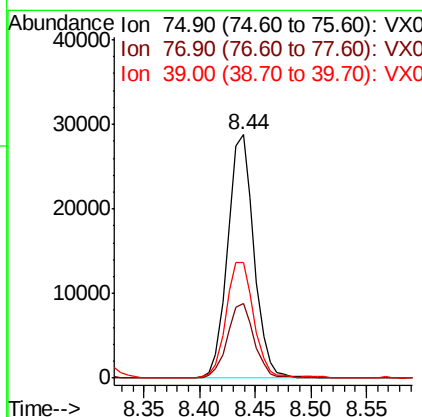
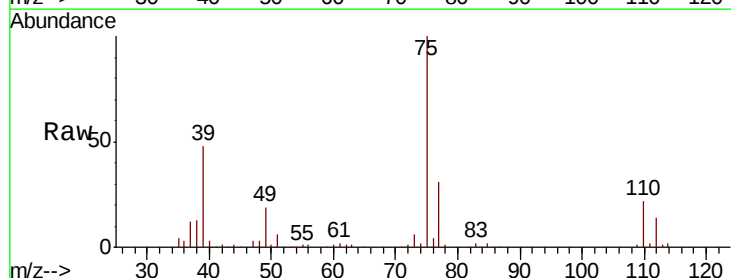
Instrument :
 MSVOA_X
 ClientSampleId :

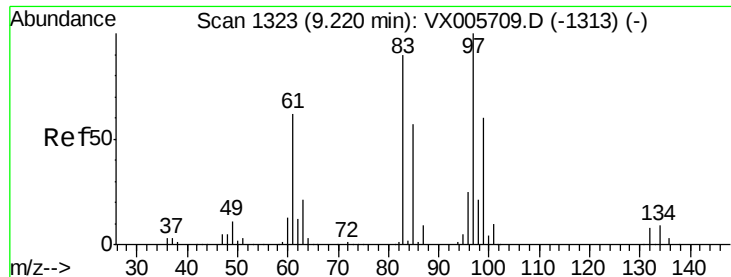
Tot Ion: 75 Resp: 42323
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 18.662 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: VX005728.D
 Acq: 01 Nov 2018 14:44

Tgt Ion: 75 Resp: 46996
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.2 37.8
 39 47.4 38.2 57.2

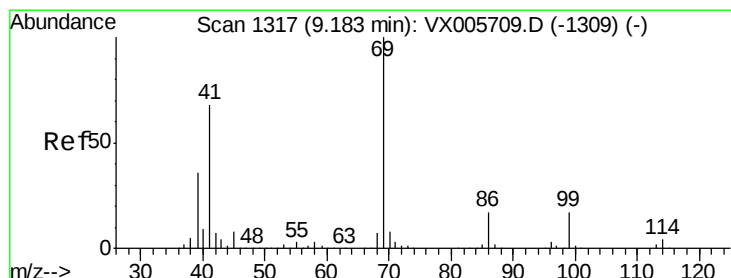
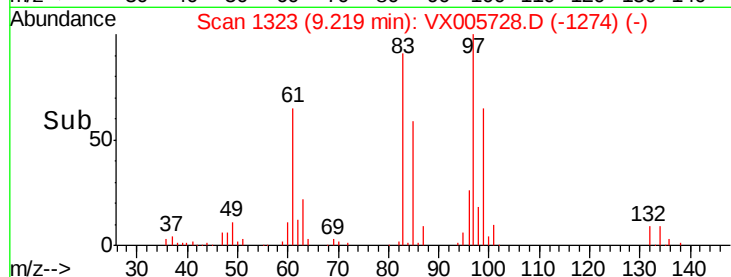
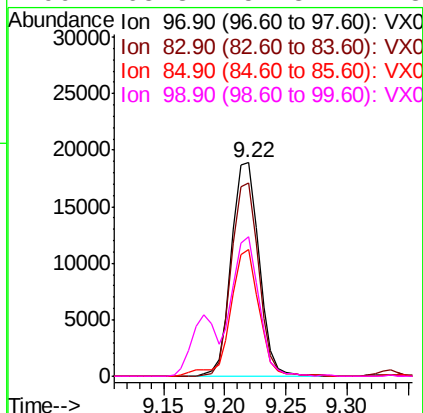
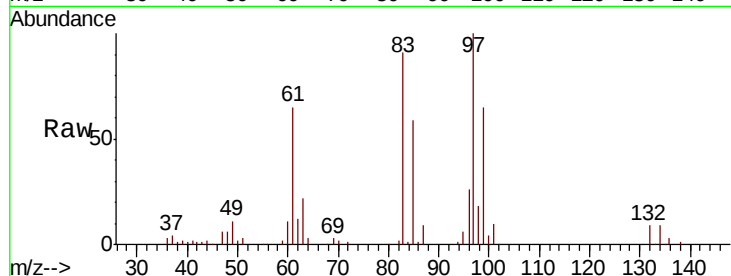




#55
 1,1,2-Trichloroethane
 Concen: 17.818 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX005728.D
 Acq: 01 Nov 2018 14:44

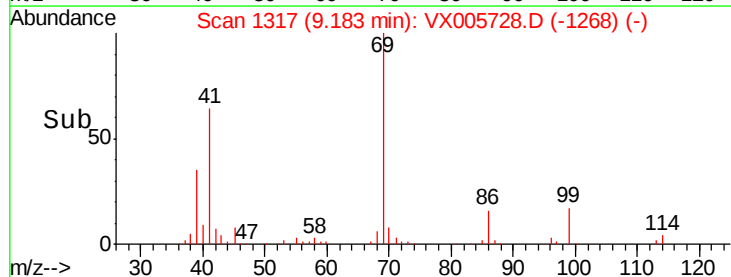
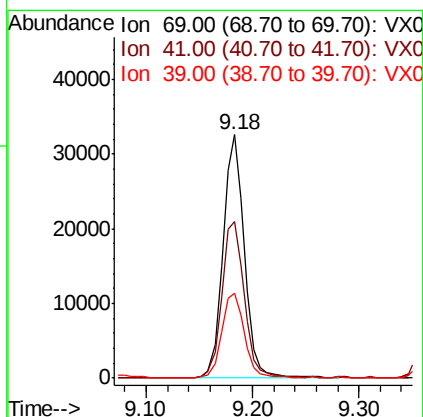
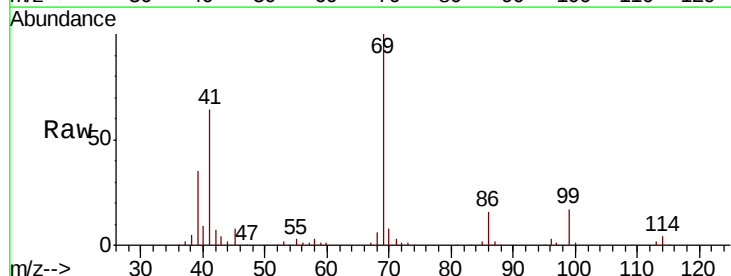
Instrument :
 MSVOA_X
 ClientSampled :

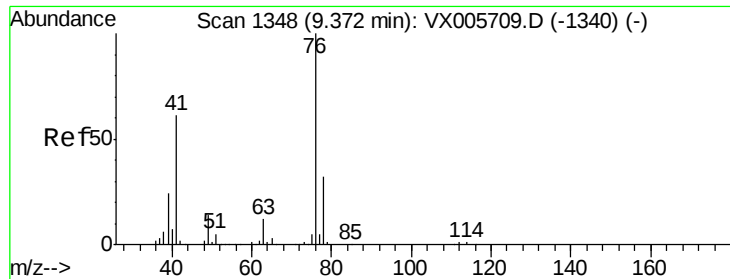
Tot Ion:	97	Resp:	29550
Ion	Ratio	Lower	Upper
97	100		
83	90.8	70.7	106.1
85	59.5	45.8	68.6
99	65.3	51.8	77.8



#56
 Ethyl methacrylate
 Concen: 17.950 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005728.D
 Acq: 01 Nov 2018 14:44

Tgt Ion:	69	Resp:	45841
Ion	Ratio	Lower	Upper
69	100		
41	66.4	57.0	85.6
39	36.3	28.3	42.5

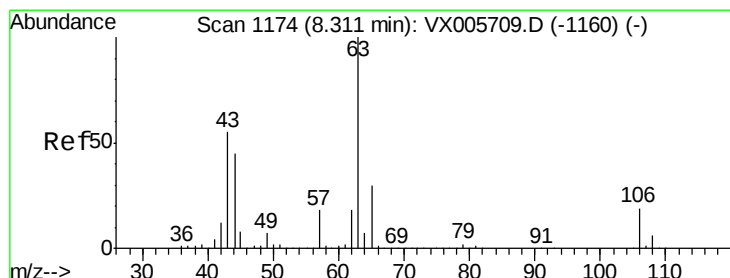
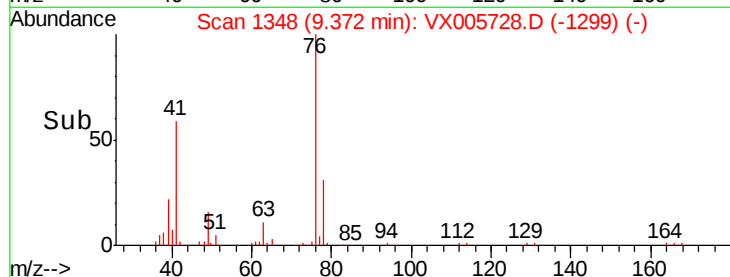
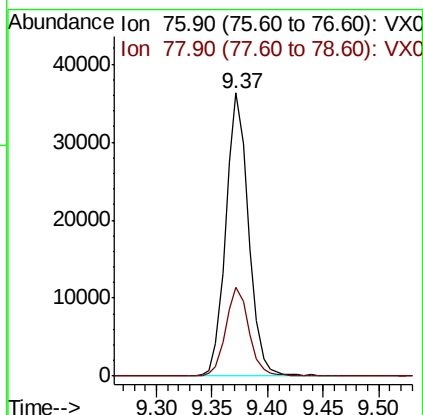
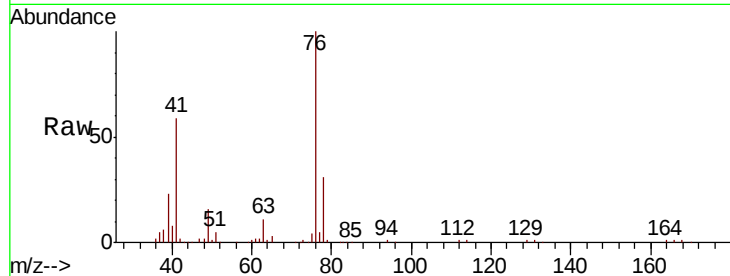




#57
 1,3-Dichloropropane
 Concen: 18.001 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005728.D
 Acq: 01 Nov 2018 14:44

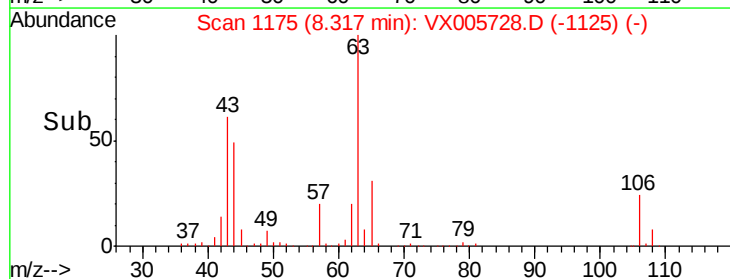
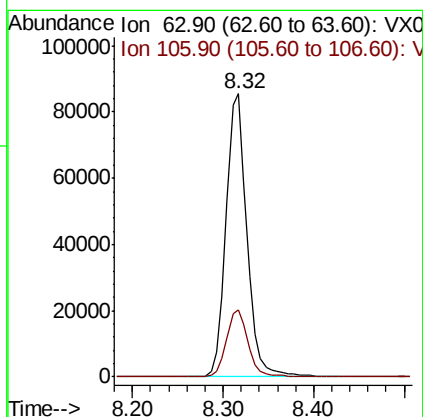
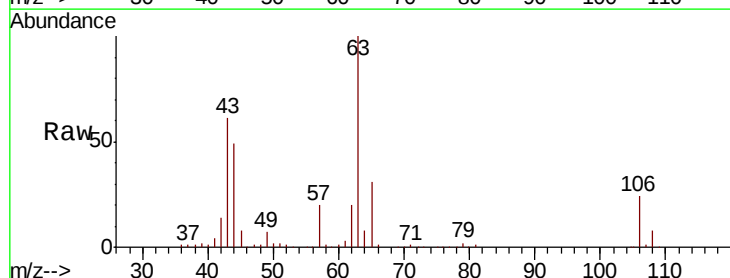
Instrument :
 MSVOA_X
 ClientSampleId :

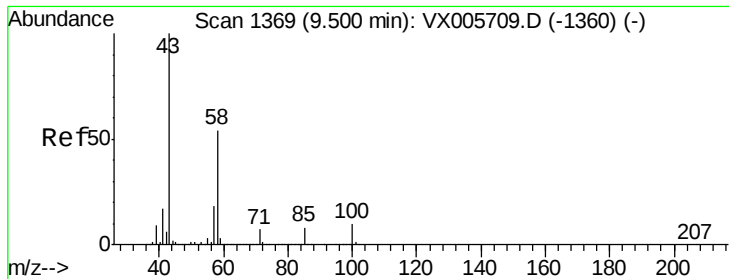
Tot Ion: 76 Resp: 51281
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.3 37.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.114 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: VX005728.D
 Acq: 01 Nov 2018 14:44

Tgt Ion: 63 Resp: 136392
 Ion Ratio Lower Upper
 63 100
 106 24.5 21.3 31.9

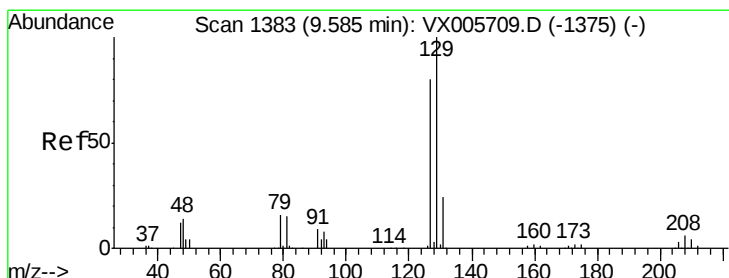
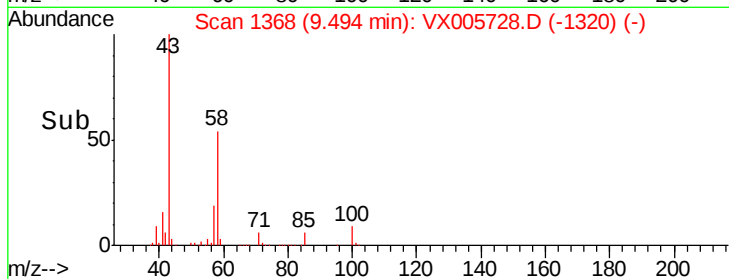
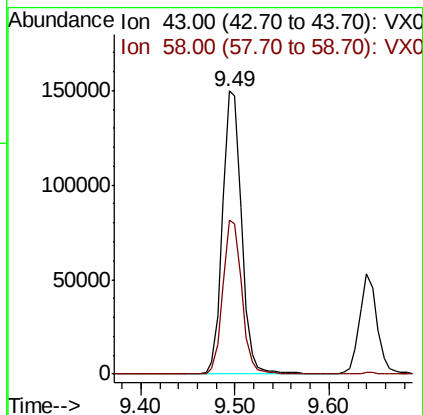
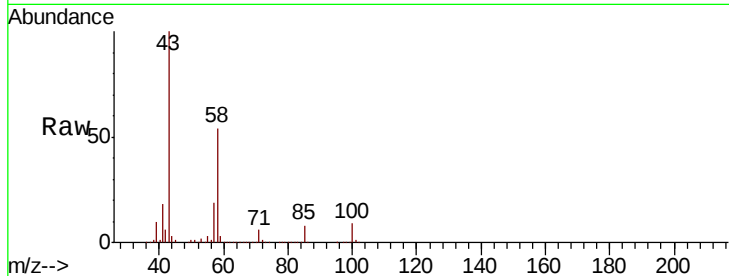




#59
2-Hexanone
Concen: 86.178 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005728.D
Acq: 01 Nov 2018 14:44

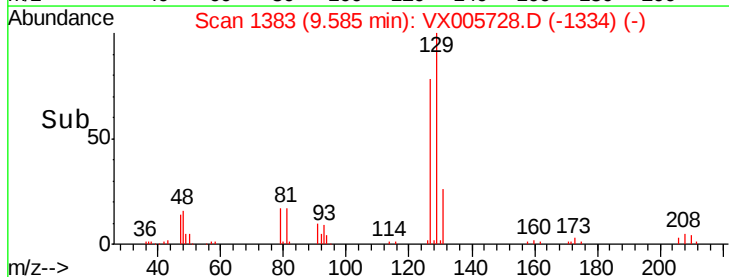
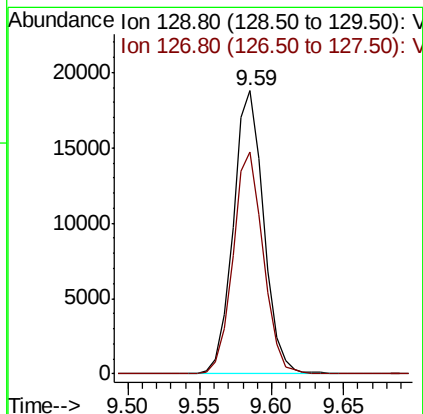
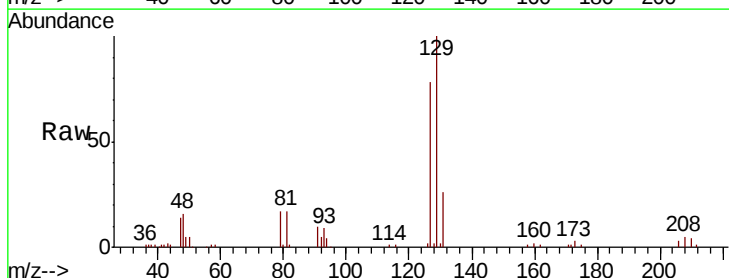
Instrument :
MSVOA_X
ClientSampleId :

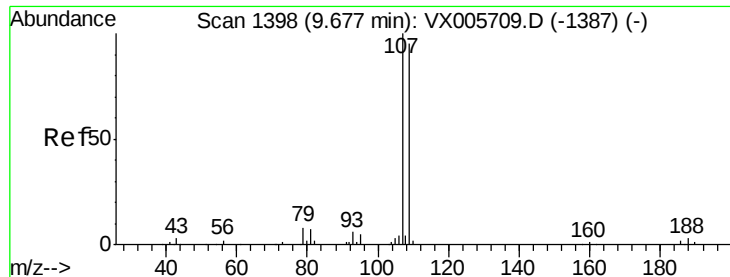
Tot Ion: 43 Resp: 210140
Ion Ratio Lower Upper
43 100
58 54.2 25.9 77.8



#60
Dibromochloromethane
Concen: 17.267 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005728.D
Acq: 01 Nov 2018 14:44

Tgt Ion:129 Resp: 27672
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.7





#61

1,2-Dibromoethane

Concen: 18.044 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.01 min

Lab File: VX005728.D

Acq: 01 Nov 2018 14:44

Instrument :

MSVOA_X

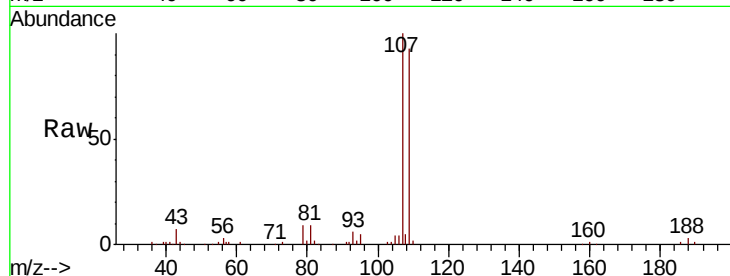
ClientSampleId :

Tot Ion:107 Resp: 30492

Ion Ratio Lower Upper

107 100

109 93.0 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

25000

20000

15000

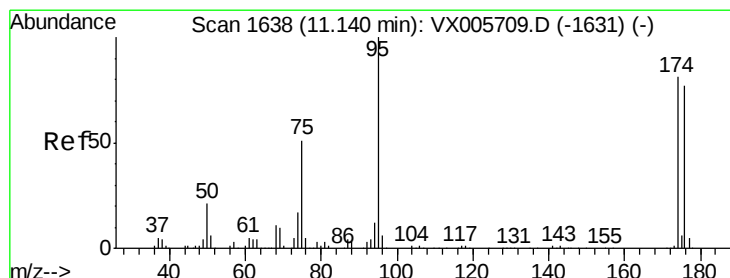
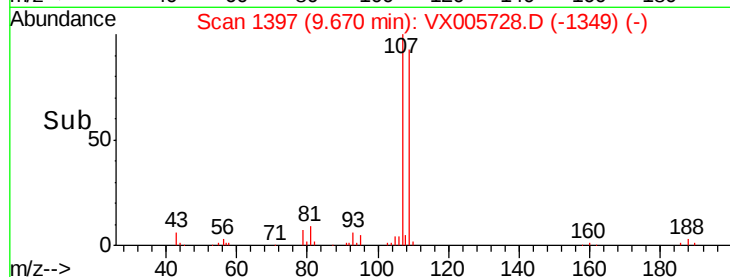
10000

5000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 45.937 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005728.D

Acq: 01 Nov 2018 14:44

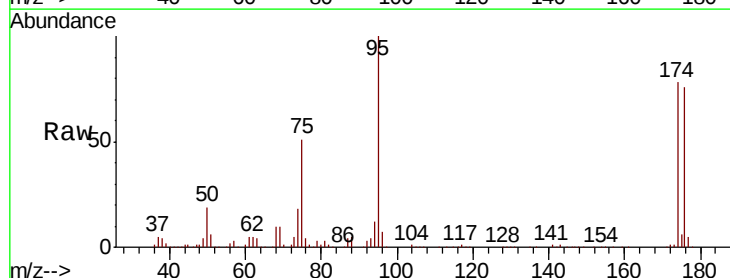
Tgt Ion: 95 Resp: 91710

Ion Ratio Lower Upper

95 100

174 76.6 0.0 184.4

176 74.6 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

100000

80000

60000

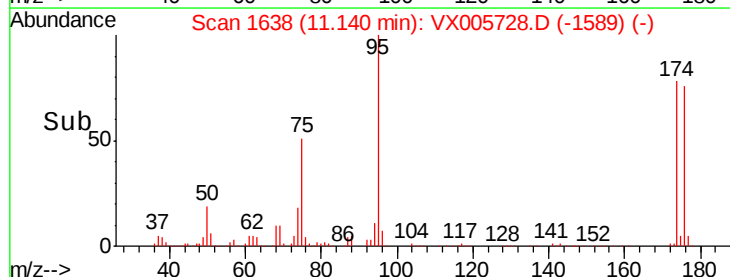
40000

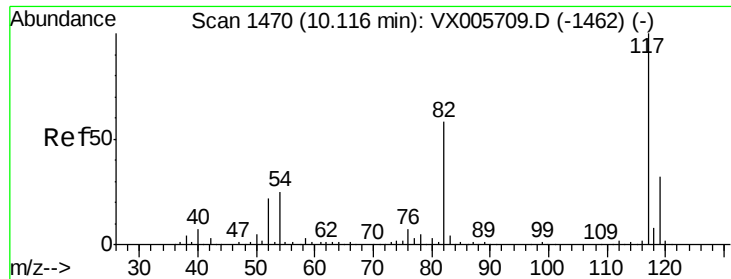
20000

0

Time-->

11.10 11.20

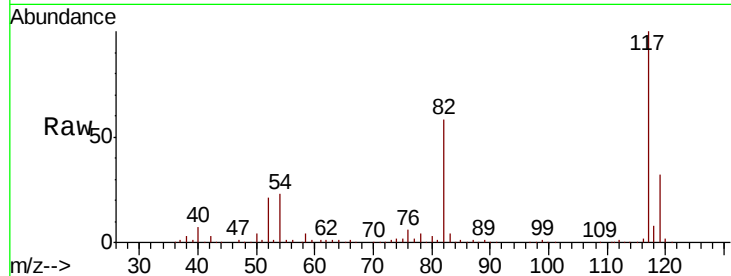




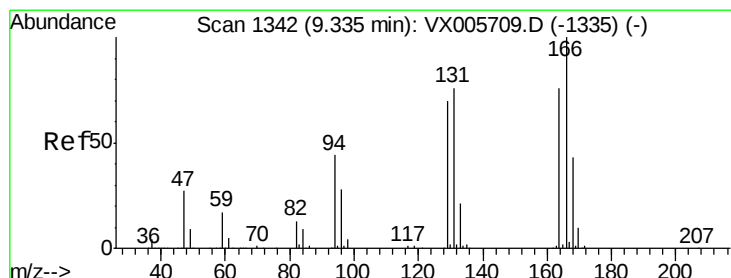
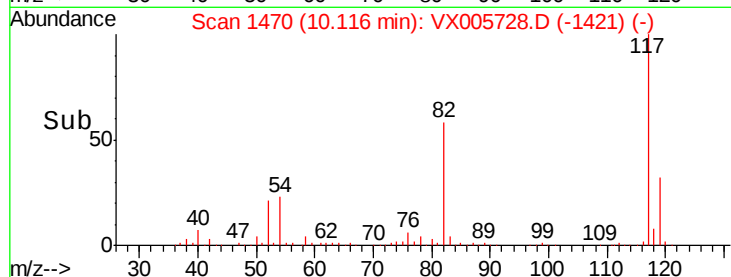
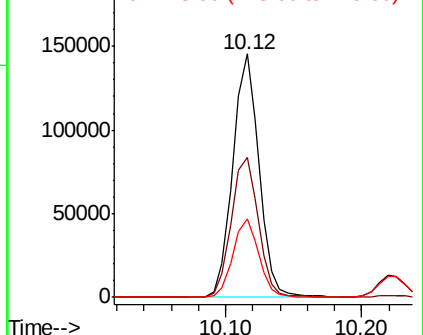
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005728.D
Acq: 01 Nov 2018 14:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 195528
Ion Ratio Lower Upper
117 100
82 57.6 44.1 66.1
119 32.4 26.2 39.2

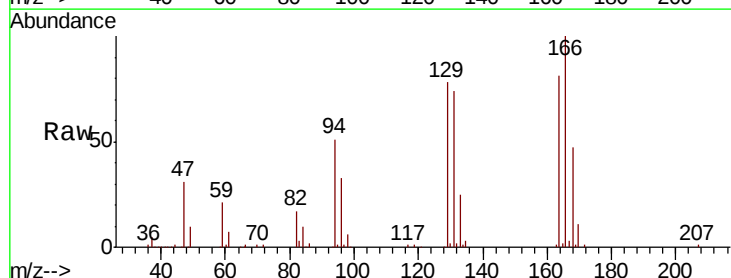


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

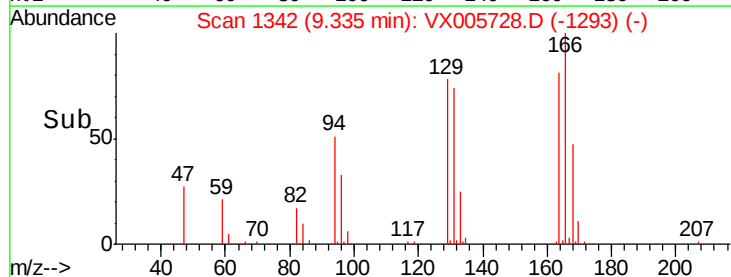
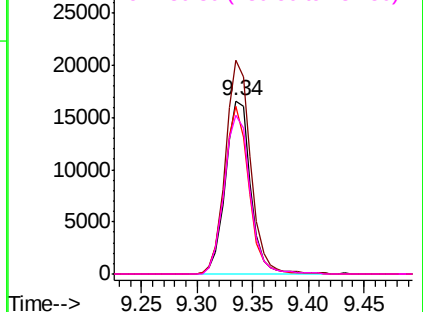


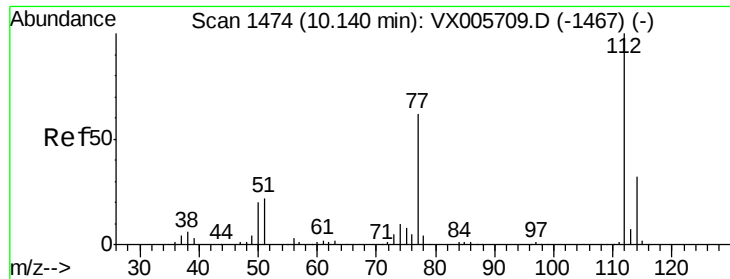
#64
Tetrachloroethene
Concen: 18.131 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005728.D
Acq: 01 Nov 2018 14:44

Tgt Ion:164 Resp: 25900
Ion Ratio Lower Upper
164 100
166 123.1 101.9 152.9
129 96.4 72.6 109.0
131 91.4 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

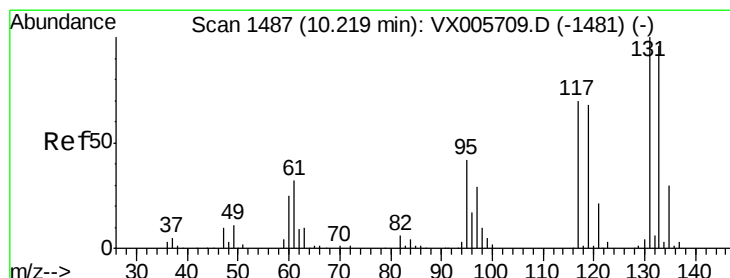
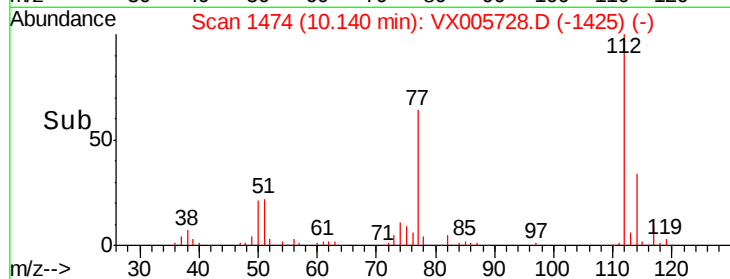
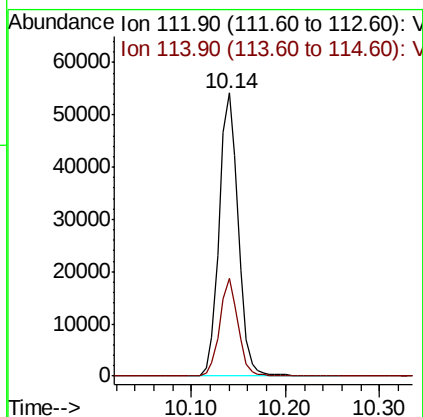
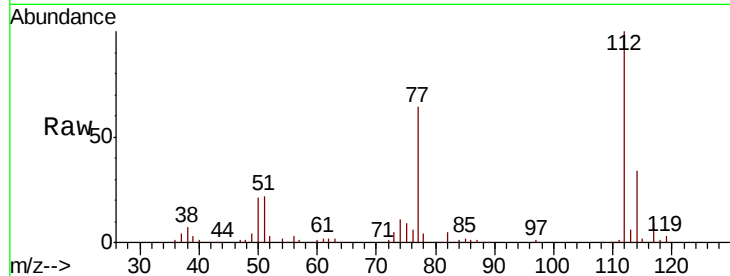




#65
Chlorobenzene
Concen: 18.343 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005728.D
Acq: 01 Nov 2018 14:44

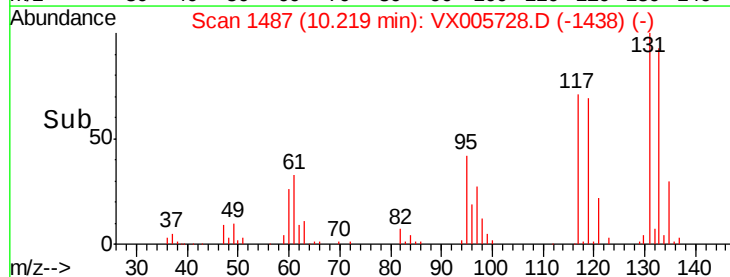
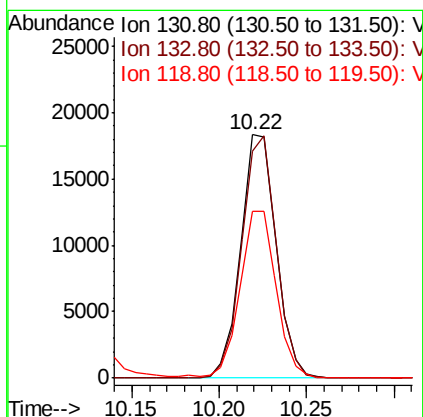
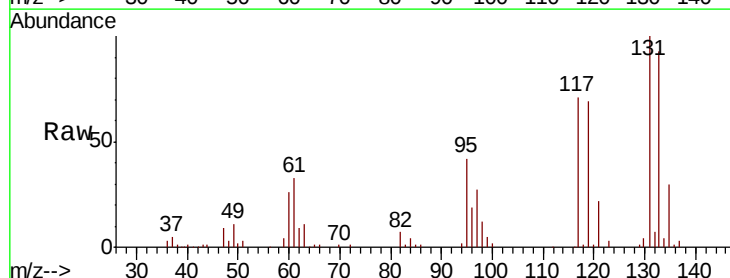
Instrument :
MSVOA_X
ClientSampleId :

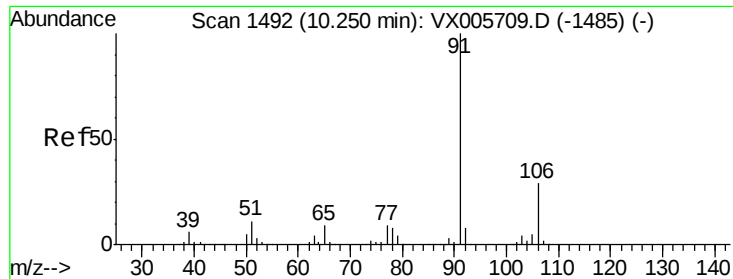
Tot Ion:112 Resp: 76216
Ion Ratio Lower Upper
112 100
114 34.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 18.177 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX005728.D
Acq: 01 Nov 2018 14:44

Tgt Ion:131 Resp: 25854
Ion Ratio Lower Upper
131 100
133 96.9 47.5 142.5
119 69.7 31.8 95.3

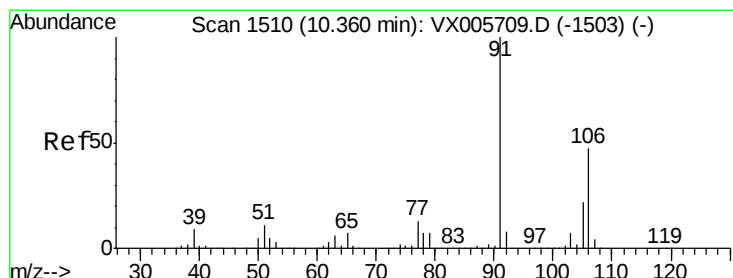
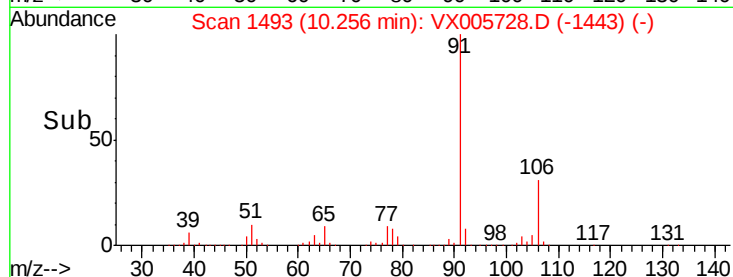
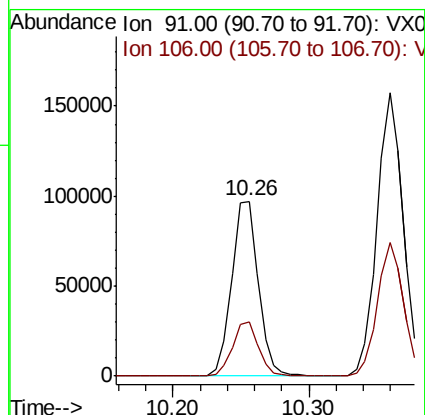
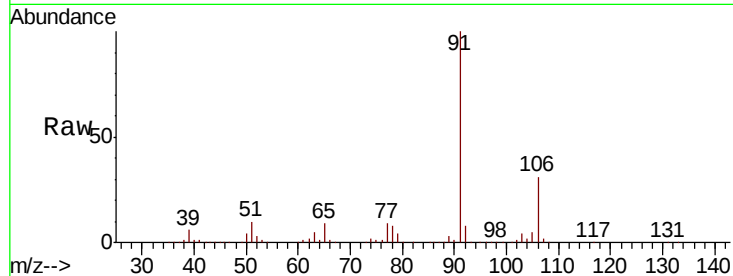




#67
Ethyl Benzene
Concen: 18.799 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VX005728.D
Acq: 01 Nov 2018 14:44

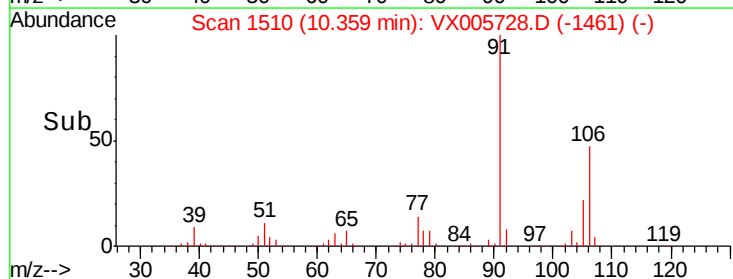
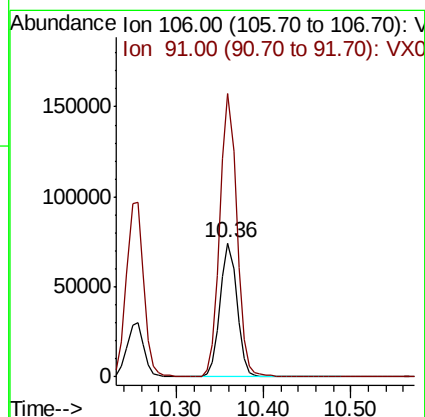
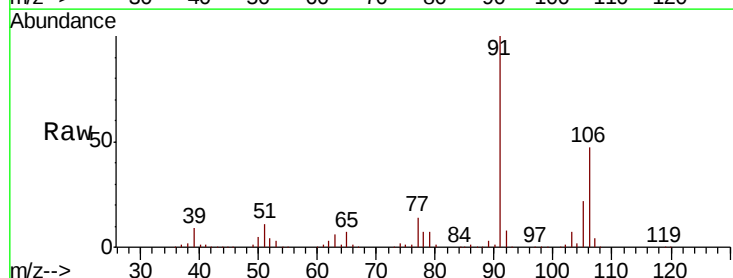
Instrument :
MSVOA_X
ClientSampleId :

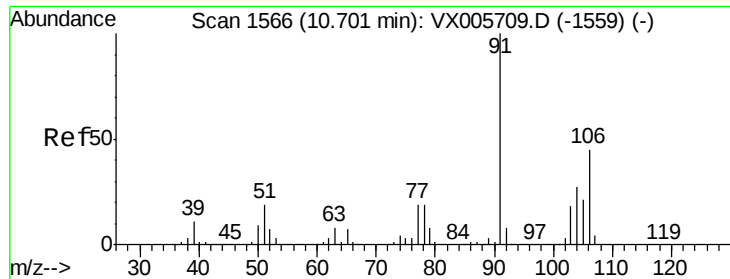
Tot Ion: 91 Resp: 133309
Ion Ratio Lower Upper
91 100
106 31.3 24.4 36.6



#68
m/p-Xylenes
Concen: 37.957 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005728.D
Acq: 01 Nov 2018 14:44

Tgt Ion: 106 Resp: 100016
Ion Ratio Lower Upper
106 100
91 212.1 164.2 246.4

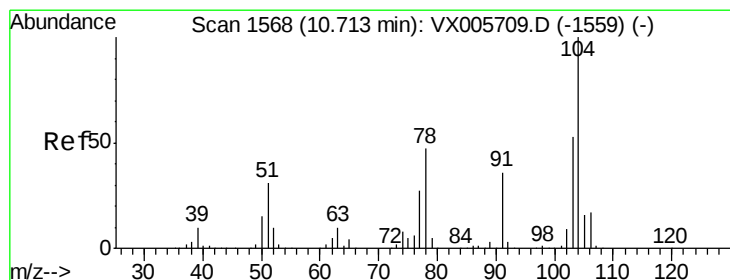
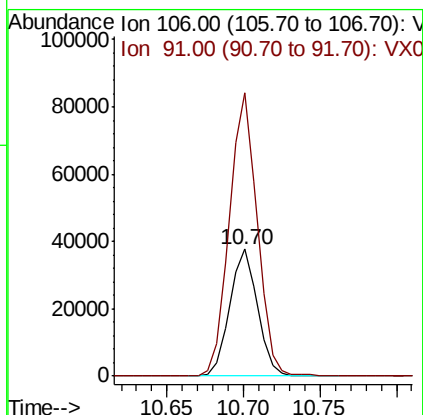
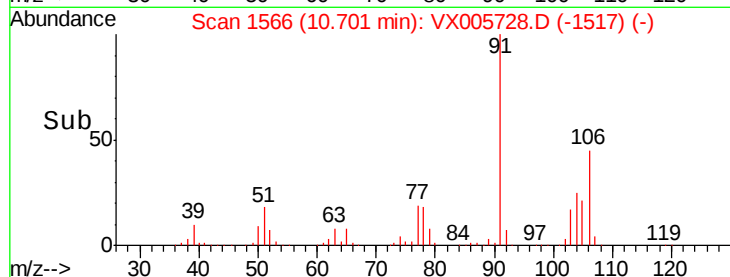
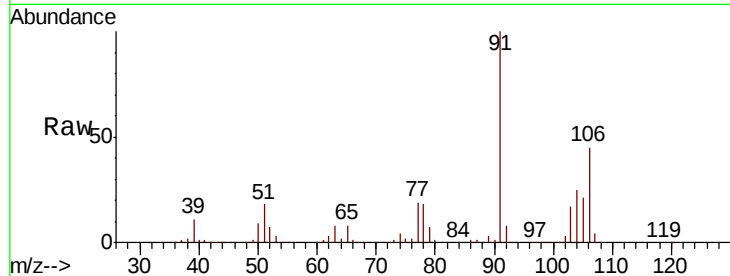




#69
o-Xylene
Concen: 18.845 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005728.D
Acq: 01 Nov 2018 14:44

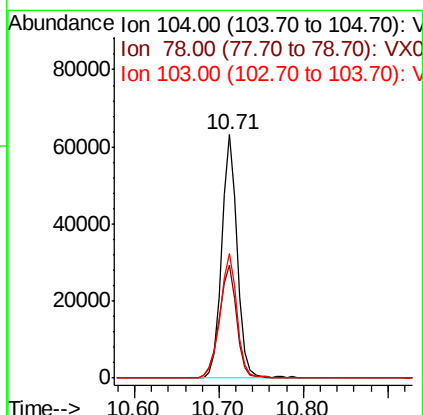
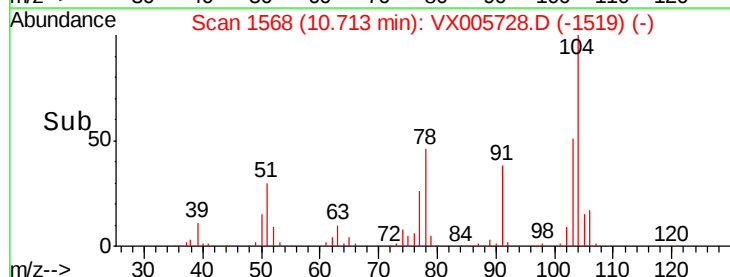
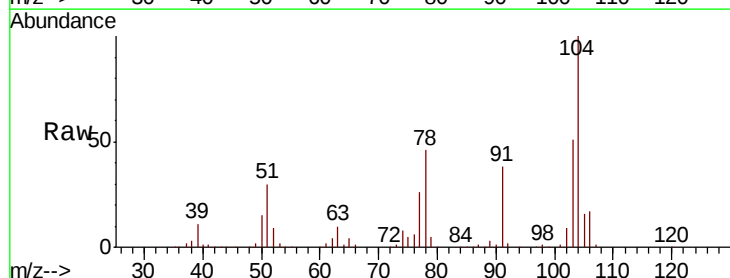
Instrument :
MSVOA_X
ClientSampled :

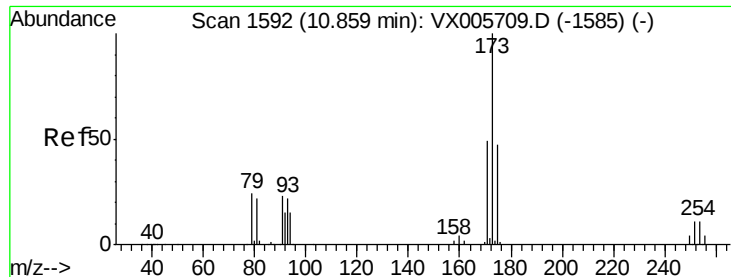
Tot Ion:106 Resp: 47493
Ion Ratio Lower Upper
106 100
91 224.4 108.5 325.5



#70
Styrene
Concen: 19.278 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005728.D
Acq: 01 Nov 2018 14:44

Tgt Ion:104 Resp: 80693
Ion Ratio Lower Upper
104 100
78 51.9 40.2 60.4
103 55.7 44.9 67.3





#71

Bromoform

Concen: 17.830 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005728.D

Acq: 01 Nov 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

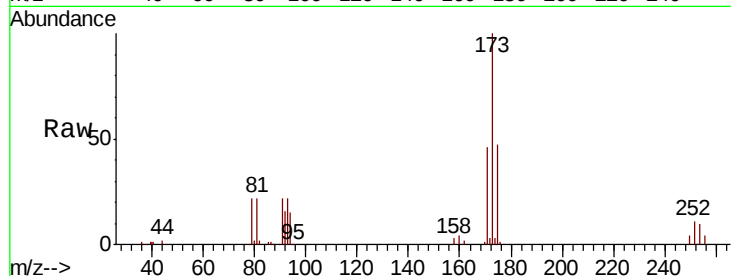
Tot Ion:173 Resp: 20548

Ion Ratio Lower Upper

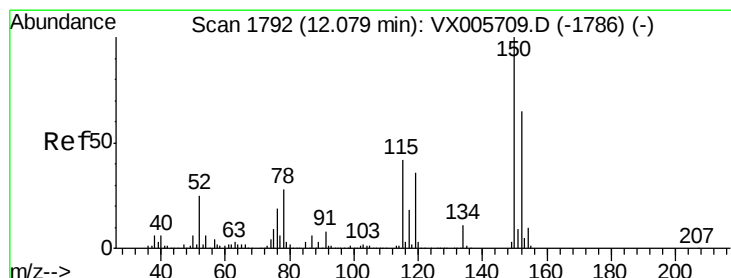
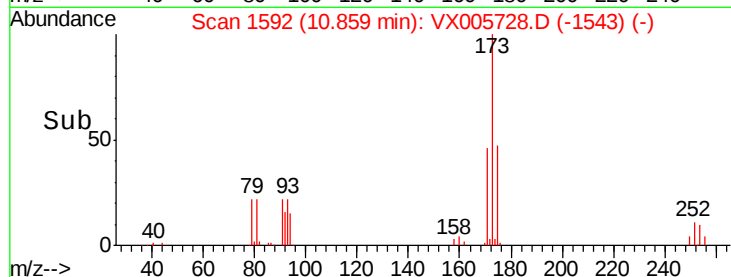
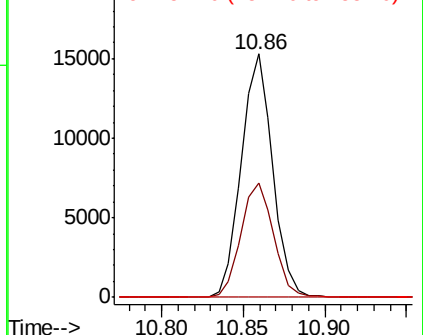
173 100

175 48.6 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: VX005728.D

Acq: 01 Nov 2018 14:44

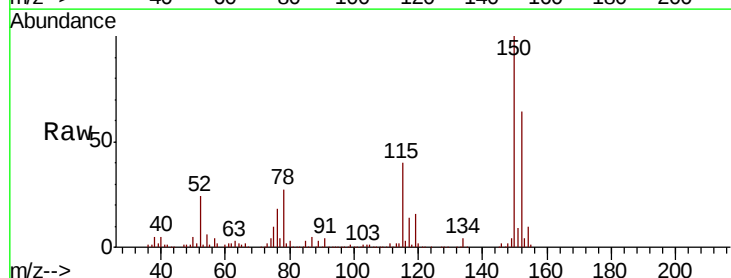
Tgt Ion:152 Resp: 98830

Ion Ratio Lower Upper

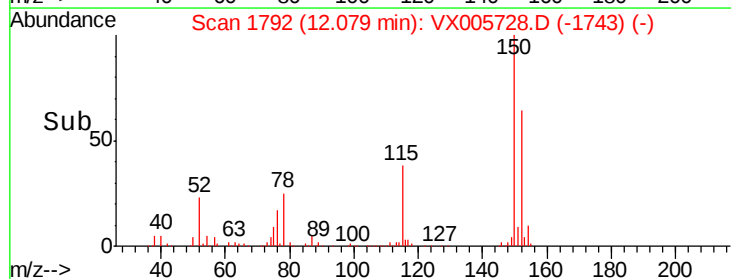
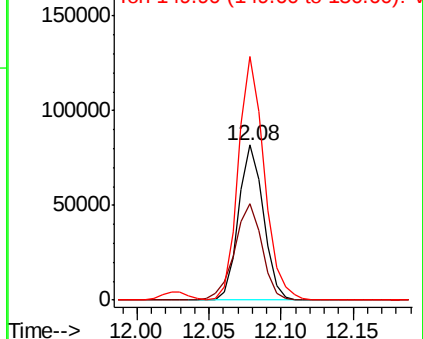
152 100

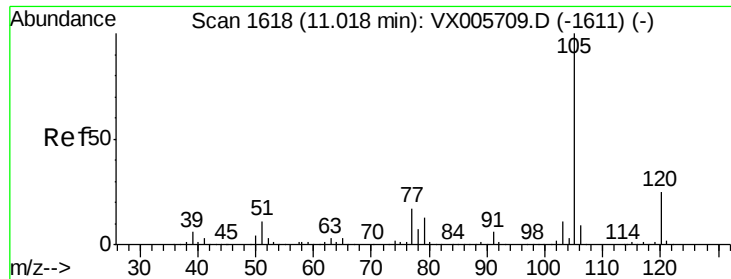
115 68.9 39.4 118.1

150 162.9 0.0 346.4



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





#73

Isopropylbenzene

Concen: 20.111 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005728.D

Acq: 01 Nov 2018 14:44

Instrument :

MSVOA_X

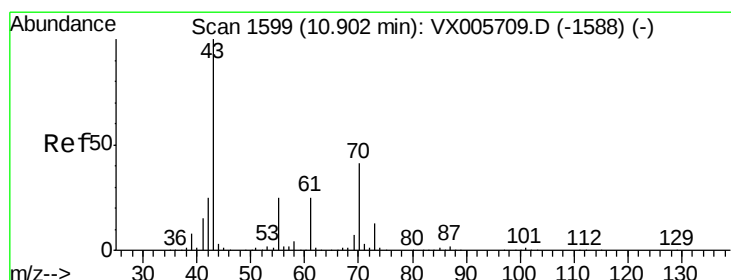
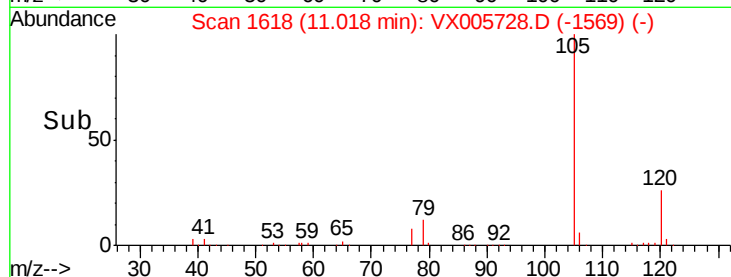
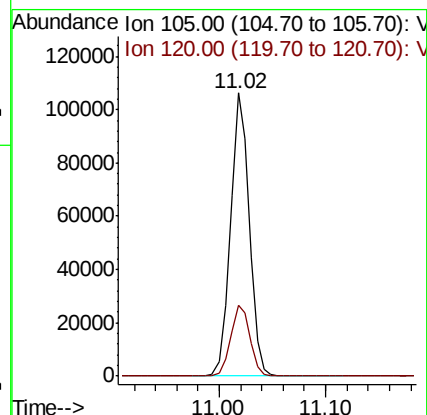
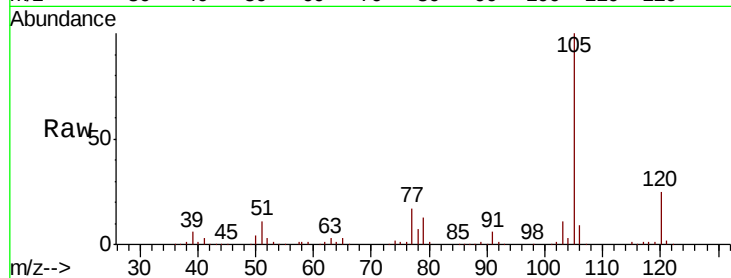
ClientSampleId :

Tot Ion:105 Resp: 131125

Ion Ratio Lower Upper

105 100

120 25.7 13.1 39.3



#74

N-ethyl acetate

Concen: 18.881 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX005728.D

Acq: 01 Nov 2018 14:44

Tgt Ion: 43 Resp: 65544

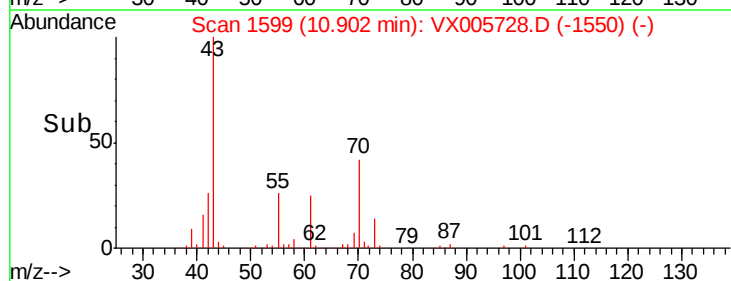
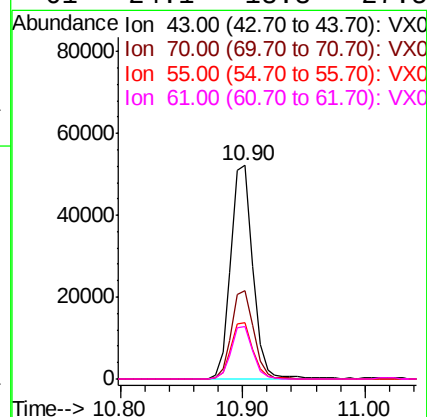
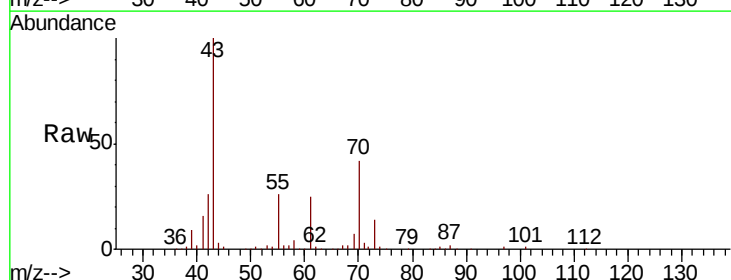
Ion Ratio Lower Upper

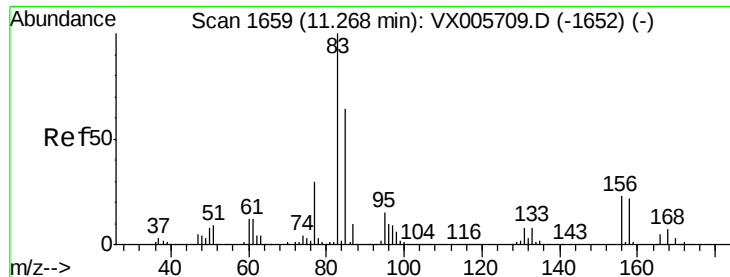
43 100

70 41.7 31.6 47.4

55 26.4 19.7 29.5

61 24.1 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 18.836 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005728.D

Acq: 01 Nov 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

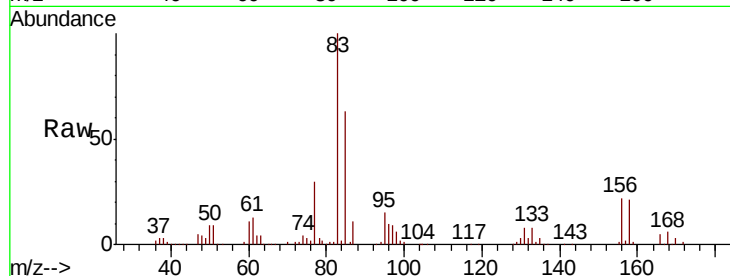
Tot Ion: 83 Resp: 50952

Ion Ratio Lower Upper

83 100

131 9.0 5.3 15.9

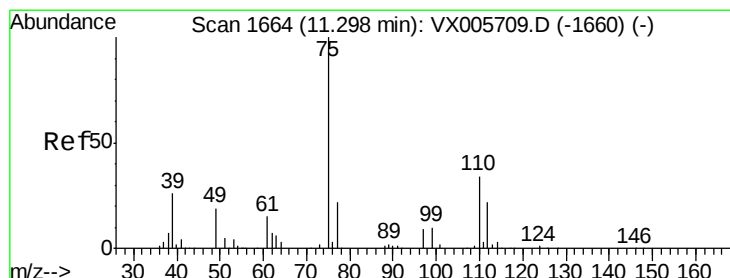
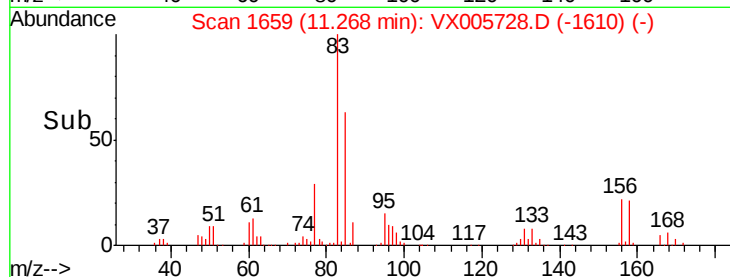
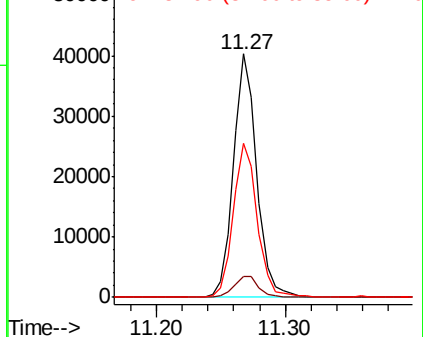
85 64.9 32.0 96.2



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: 23.466 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005728.D

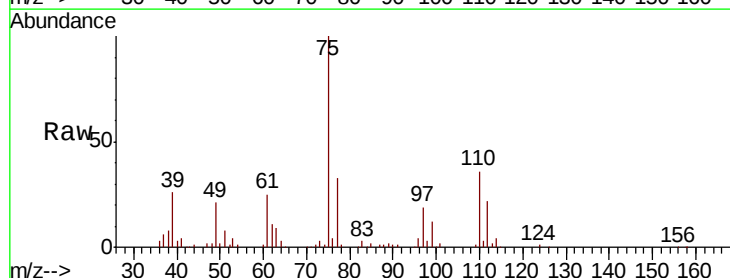
Acq: 01 Nov 2018 14:44

Tgt Ion: 75 Resp: 57760

Ion Ratio Lower Upper

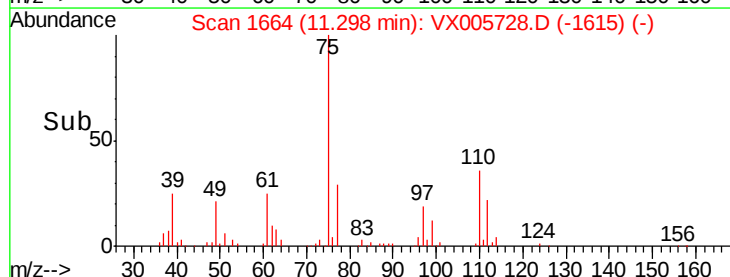
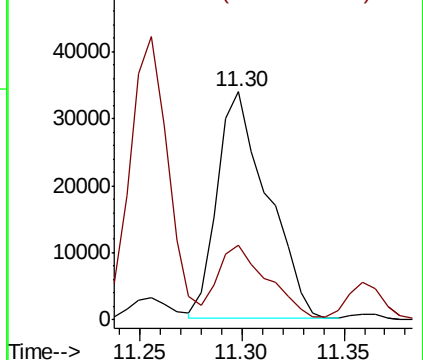
75 100

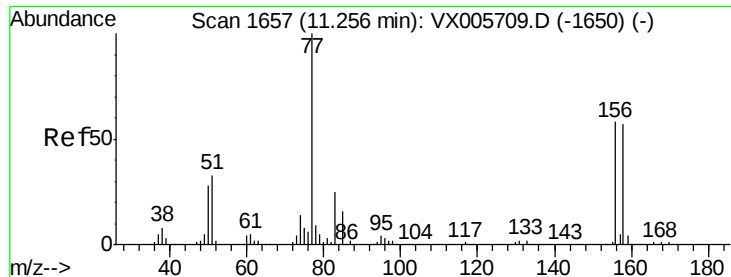
77 32.8 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.578 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005728.D

Acq: 01 Nov 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

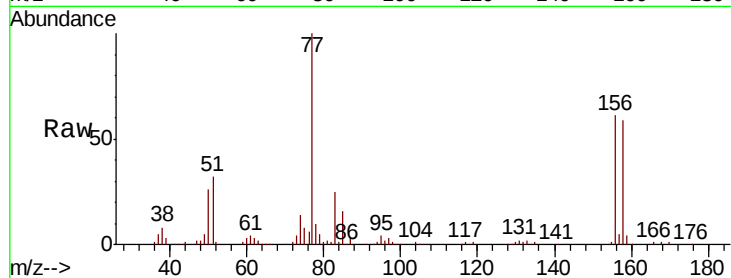
Tot Ion:156 Resp: 31667

Ion Ratio Lower Upper

156 100

77 173.8 74.8 224.4

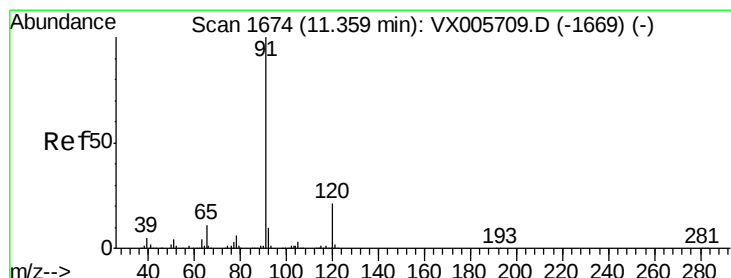
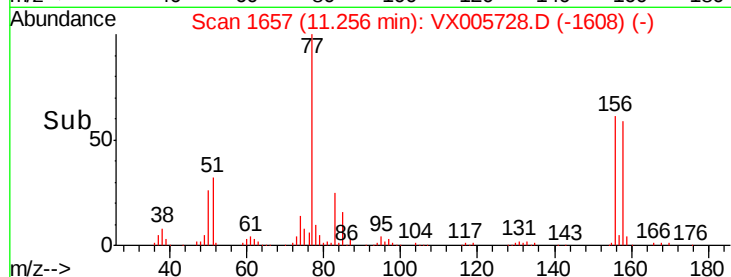
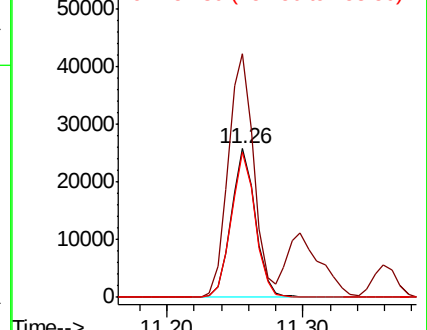
158 97.3 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.766 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005728.D

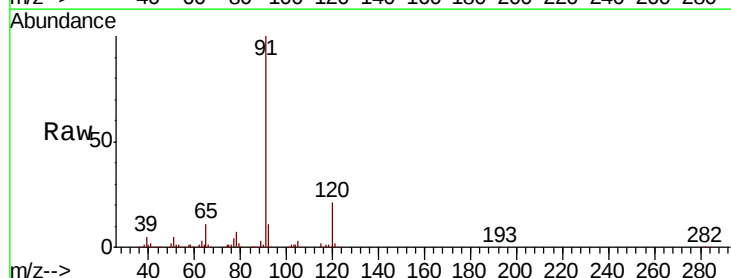
Acq: 01 Nov 2018 14:44

Tgt Ion: 91 Resp: 156778

Ion Ratio Lower Upper

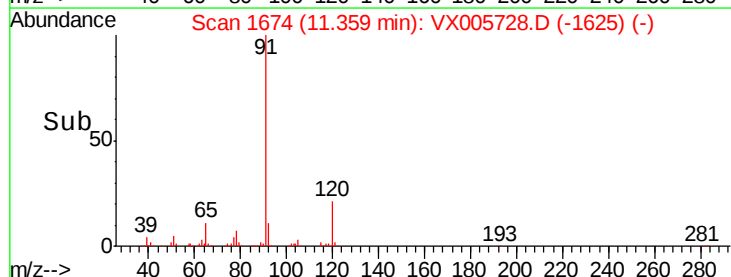
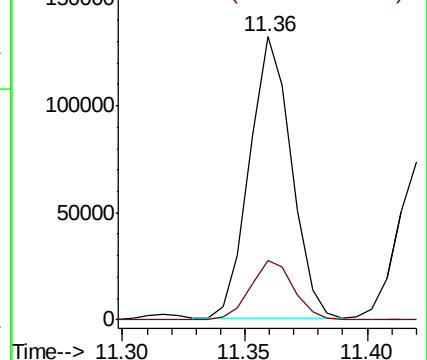
91 100

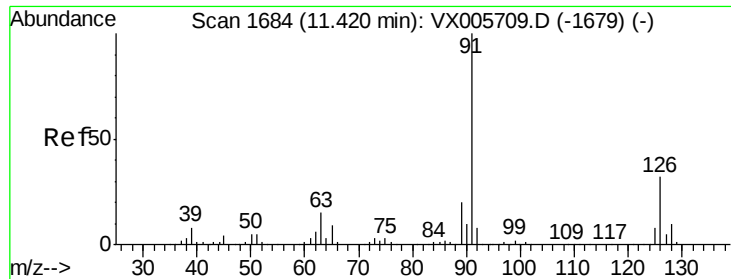
120 21.7 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.469 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005728.D

Acq: 01 Nov 2018 14:44

Instrument :

MSVOA_X

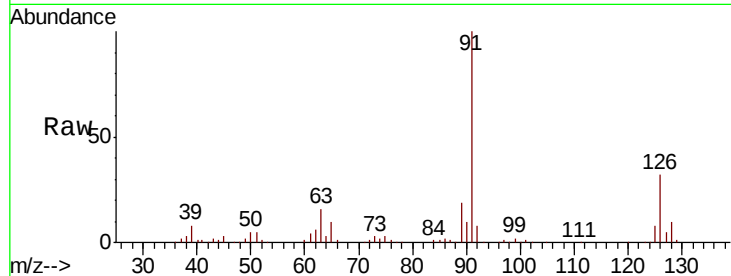
ClientSampleId :

Tot Ion: 91 Resp: 92230

Ion Ratio Lower Upper

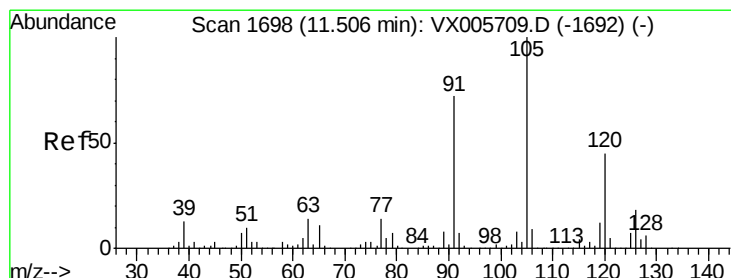
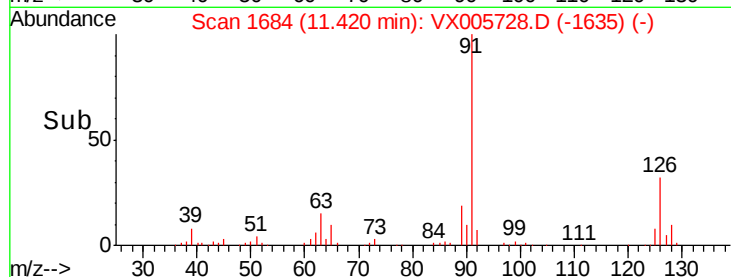
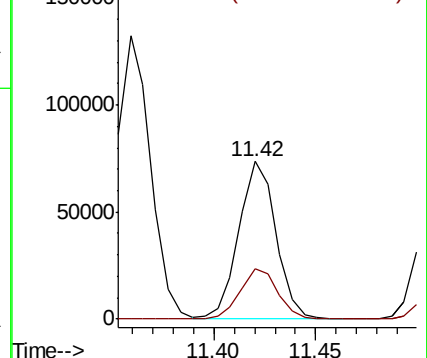
91 100

126 32.5 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.857 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005728.D

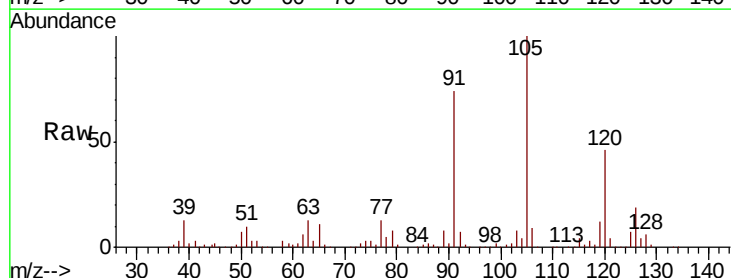
Acq: 01 Nov 2018 14:44

Tgt Ion:105 Resp: 109933

Ion Ratio Lower Upper

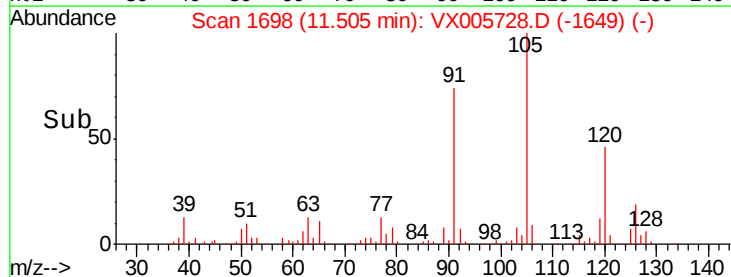
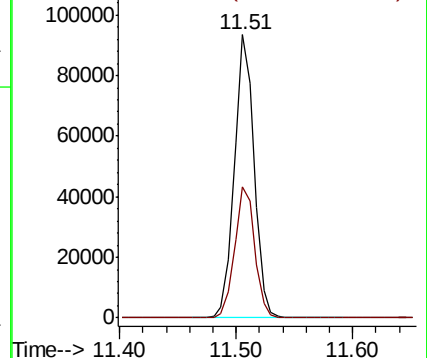
105 100

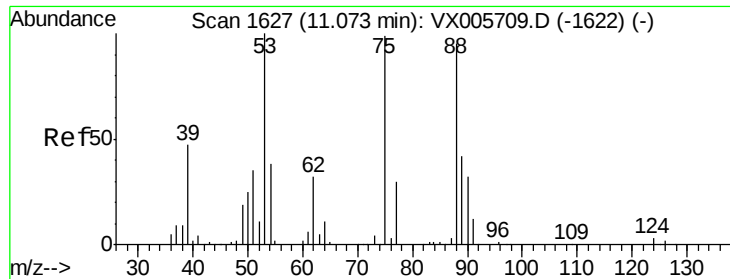
120 47.2 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.120 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005728.D

Acq: 01 Nov 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

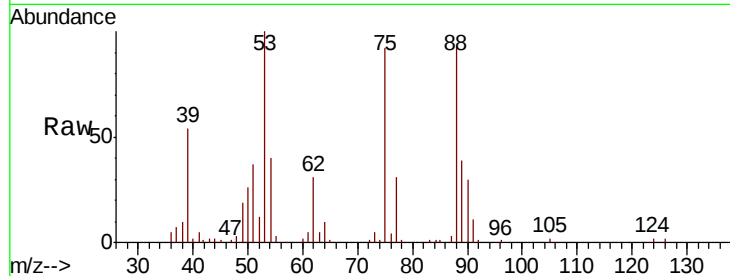
Tot Ion: 75 Resp: 13805

Ion Ratio Lower Upper

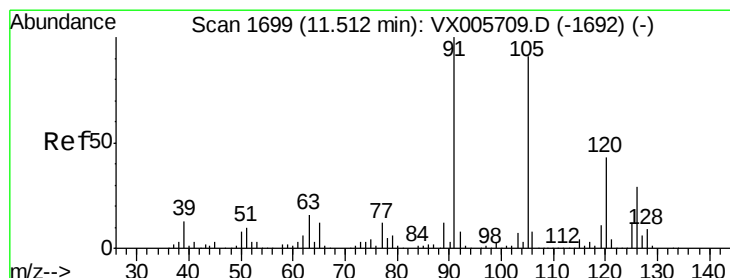
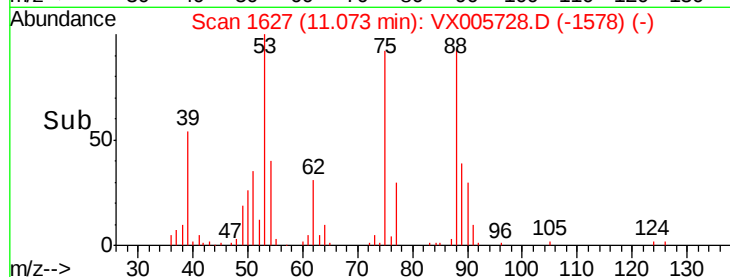
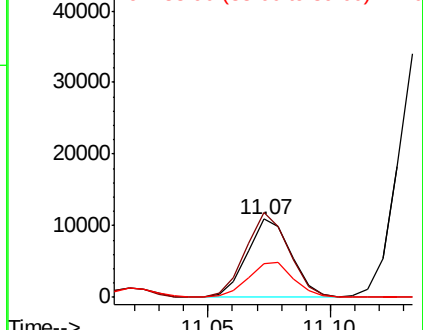
75 100

53 106.3 80.2 120.2

89 45.6 39.8 59.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.281 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005728.D

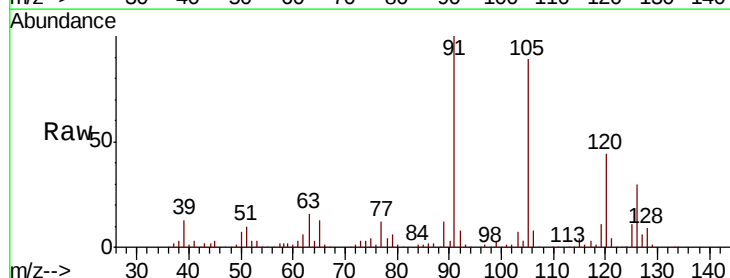
Acq: 01 Nov 2018 14:44

Tgt Ion: 91 Resp: 109051

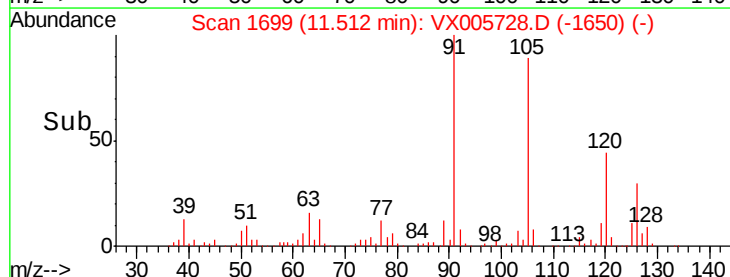
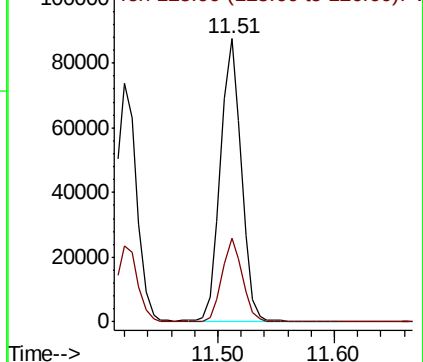
Ion Ratio Lower Upper

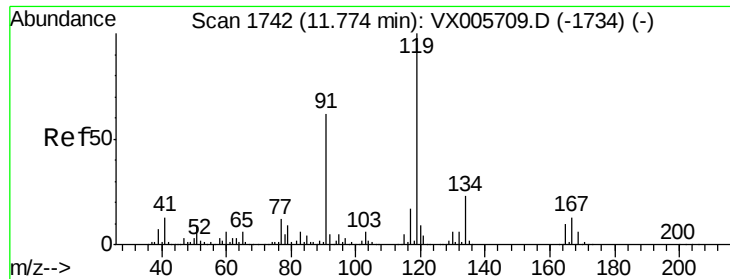
91 100

126 28.9 15.2 45.6



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





#83

tert-Butylbenzene

Concen: 19.756 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX005728.D

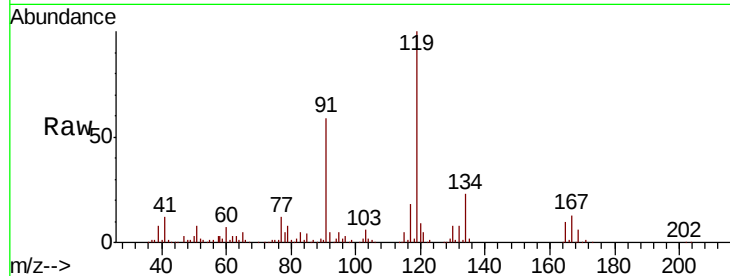
Acq: 01 Nov 2018 14:44

Instrument :

MSVOA_X

ClientSampled :

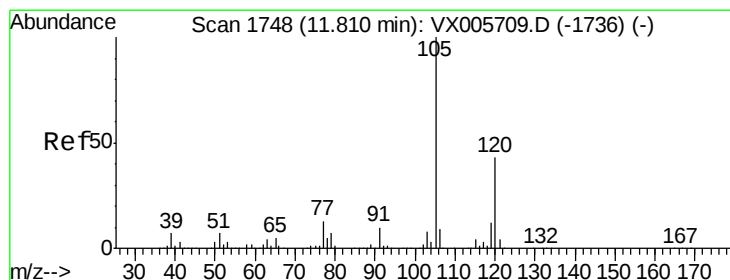
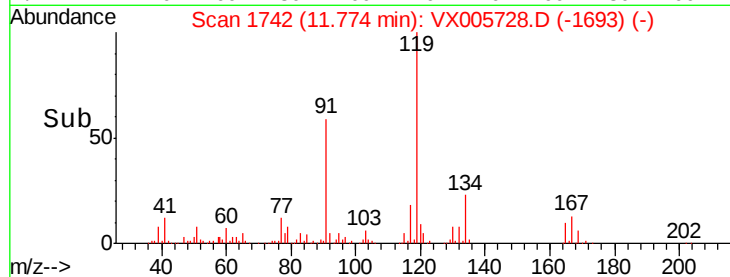
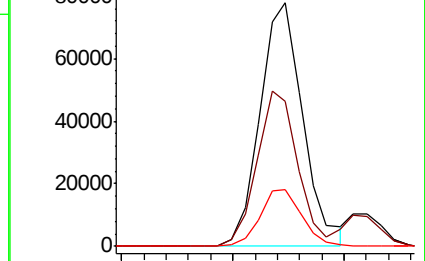
Tot Ion:119	Resp:	104357
Ion	Ratio	Lower Upper
119	100	
91	60.3	28.5 85.5
134	22.5	11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.386 ug/l

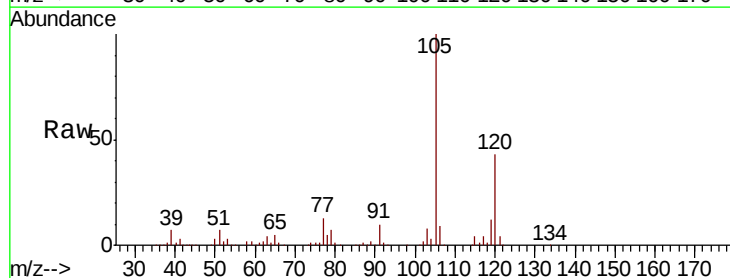
RT: 11.81 min Scan# 1748

Delta R.T. -0.00 min

Lab File: VX005728.D

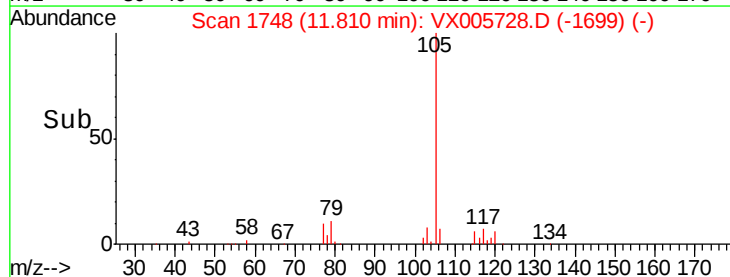
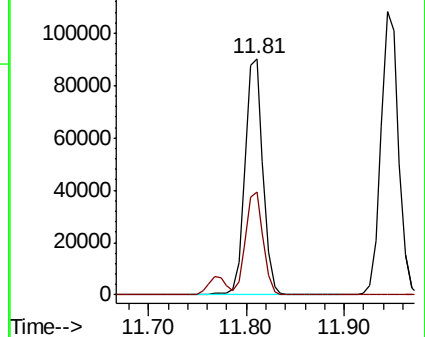
Acq: 01 Nov 2018 14:44

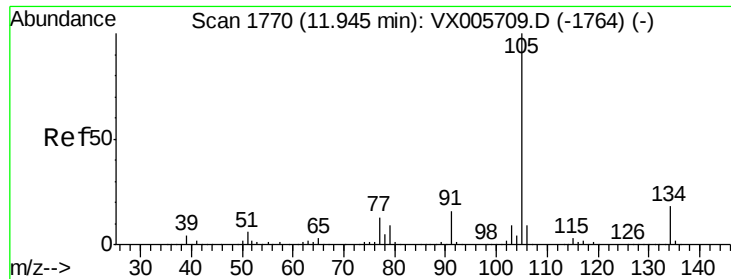
Tgt Ion:105	Resp:	113969
Ion	Ratio	Lower Upper
105	100	
120	42.6	22.4 67.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.857 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005728.D

Acq: 01 Nov 2018 14:44

Instrument :

MSVOA_X

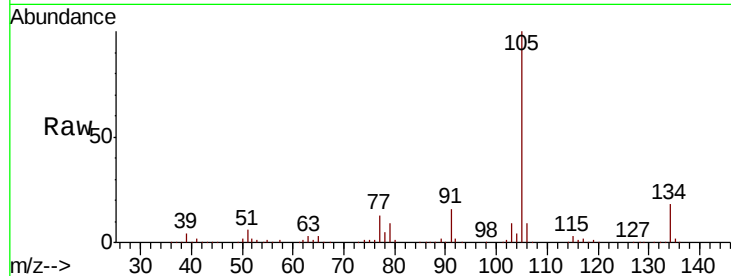
ClientSampleId :

Tot Ion:105 Resp: 134553

Ion Ratio Lower Upper

105 100

134 18.5 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

120000

100000

80000

60000

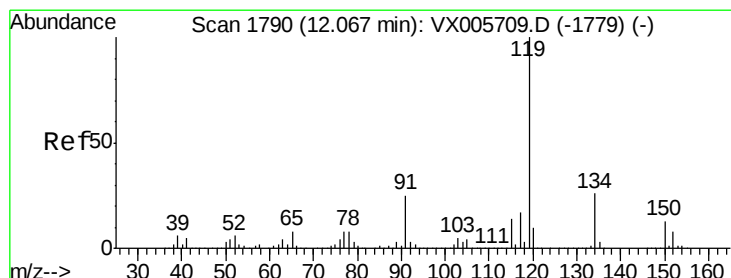
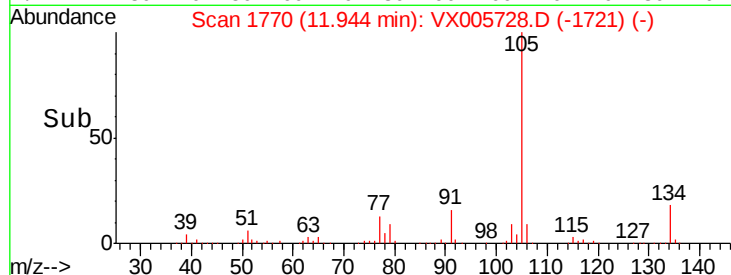
40000

20000

0

Time-->

11.90 12.00



#86

p-Isopropyltoluene

Concen: 19.563 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005728.D

Acq: 01 Nov 2018 14:44

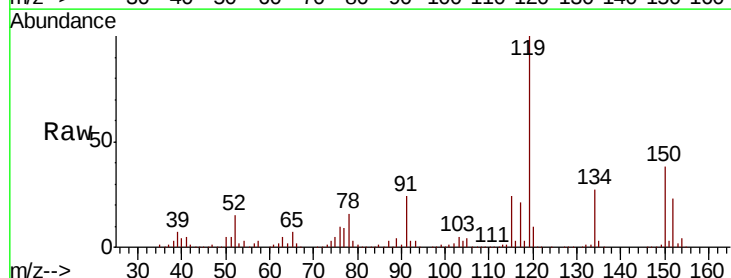
Tgt Ion:119 Resp: 112741

Ion Ratio Lower Upper

119 100

134 26.1 13.0 39.0

91 25.1 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

12.07

120000

100000

80000

60000

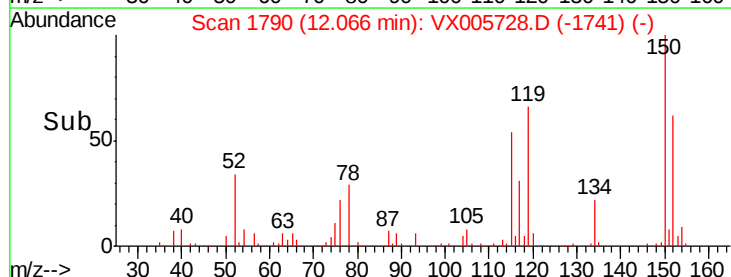
40000

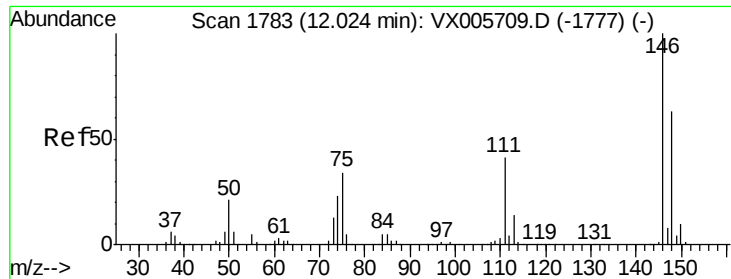
20000

0

Time-->

12.00 12.10





#87

1,3-Dichlorobenzene

Concen: 19.171 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX005728.D

Acq: 01 Nov 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

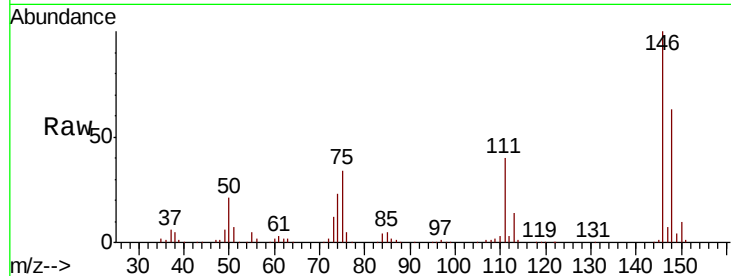
Tot Ion:146 Resp: 59957

Ion Ratio Lower Upper

146 100

111 39.8 19.0 57.0

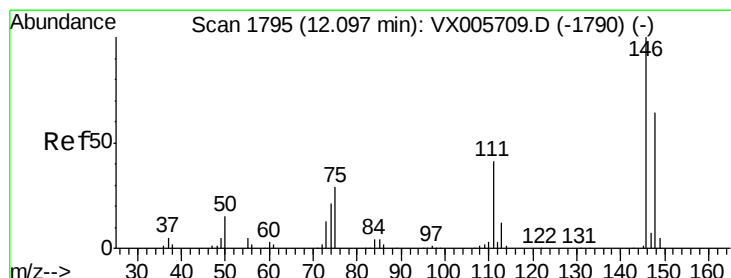
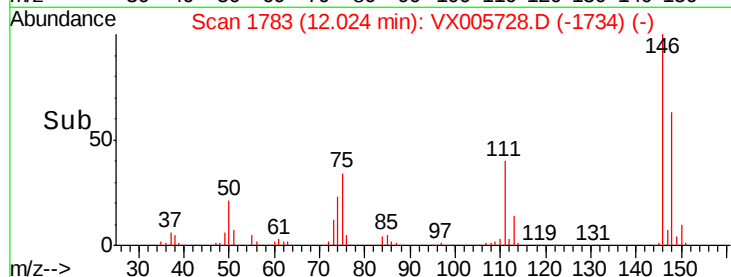
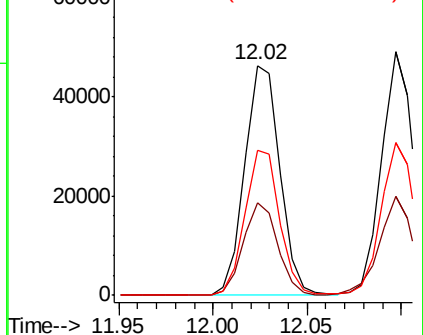
148 62.6 31.9 95.9



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



#88

1,4-Dichlorobenzene

Concen: 17.817 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX005728.D

Acq: 01 Nov 2018 14:44

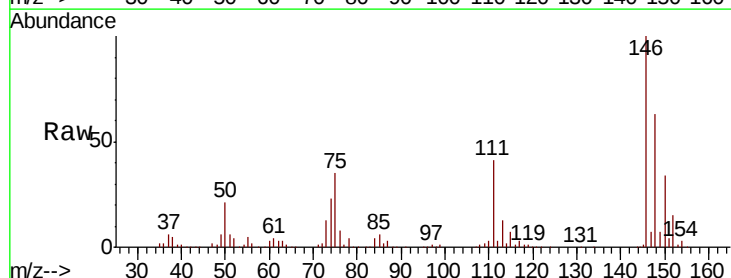
Tgt Ion:146 Resp: 59861

Ion Ratio Lower Upper

146 100

111 41.6 18.6 55.8

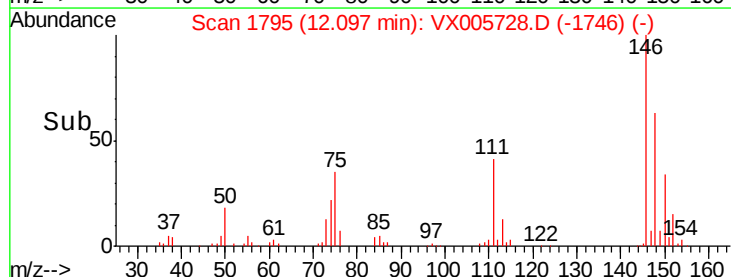
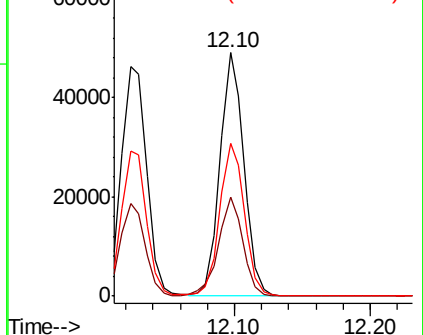
148 64.6 32.1 96.3

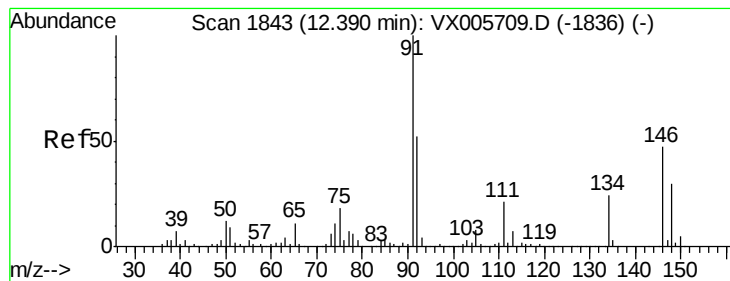


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 18.485 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005728.D

Acq: 01 Nov 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

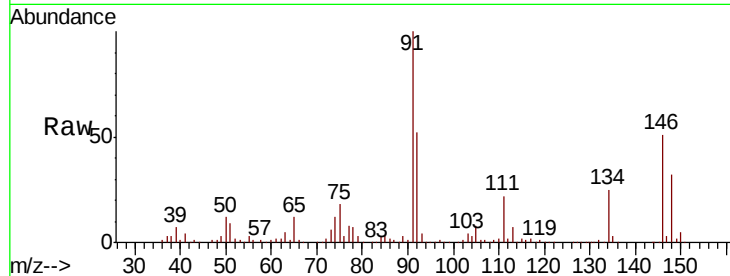
Tot Ion: 91 Resp: 107479

Ion Ratio Lower Upper

91 100

92 50.8 26.1 78.2

134 23.3 13.1 39.3

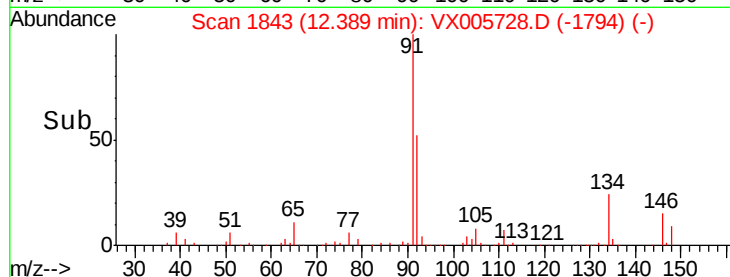


Abundance Ion 91.00 (90.70 to 91.70): VX005709.D (-1836) (-)

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

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

Time-->

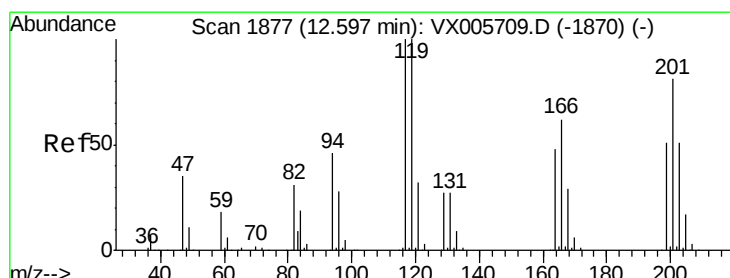


Abundance Ion 91.00 (90.70 to 91.70): VX005728.D (-1794) (-)

Ion 92.00 (91.70 to 92.70): VX005728.D (-1794) (-)

Ion 134.00 (133.70 to 134.70): VX005728.D (-1794) (-)

Time-->



#90

Hexachloroethane

Concen: 18.144 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX005728.D

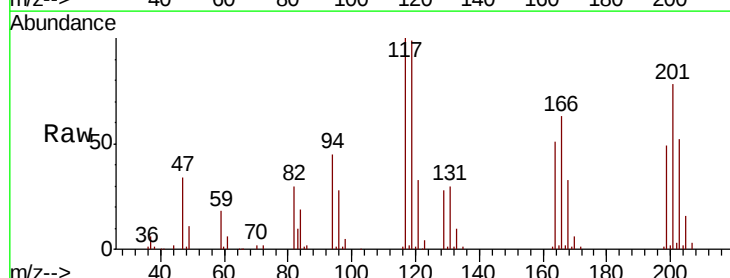
Acq: 01 Nov 2018 14:44

Tgt Ion: 117 Resp: 18551

Ion Ratio Lower Upper

117 100

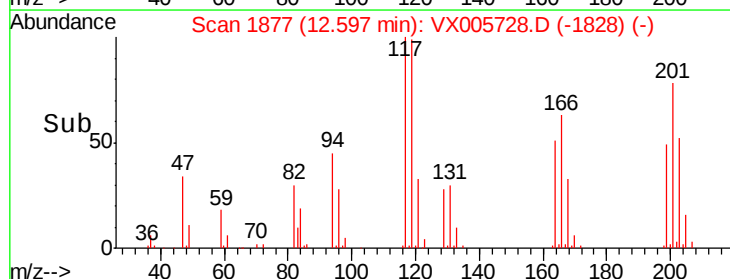
201 79.0 47.9 143.6



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

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

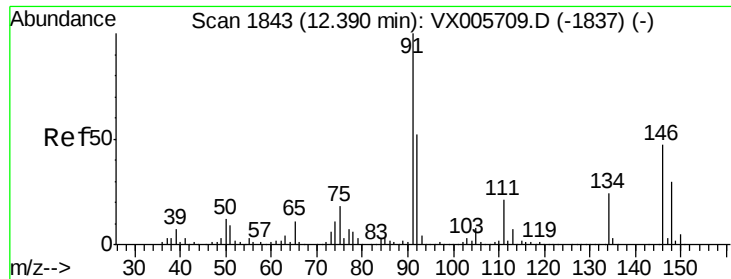
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VX005728.D (-1828) (-)

Ion 200.70 (200.40 to 201.40): VX005728.D (-1828) (-)

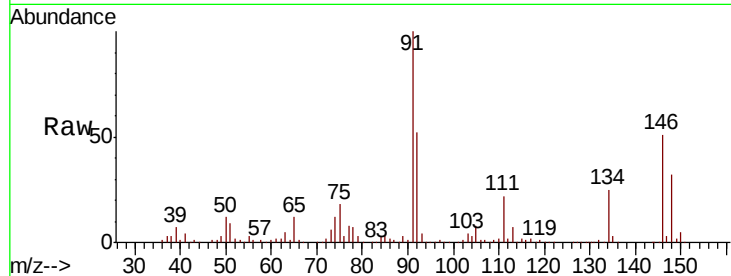
Time-->



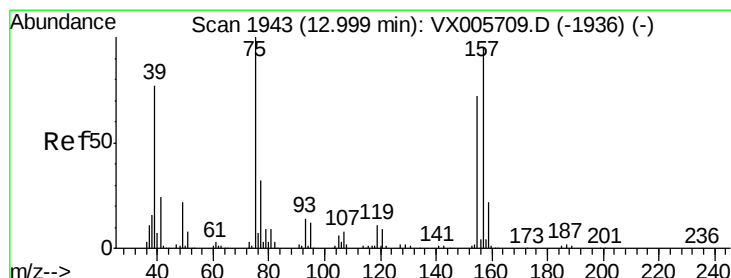
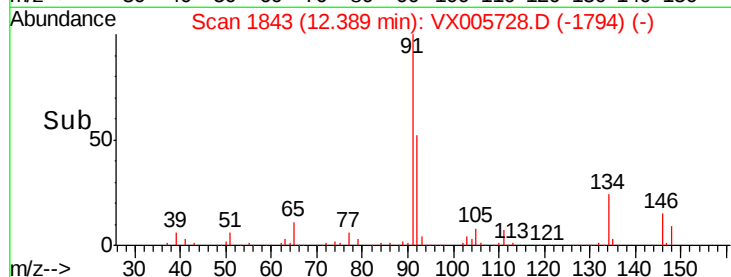
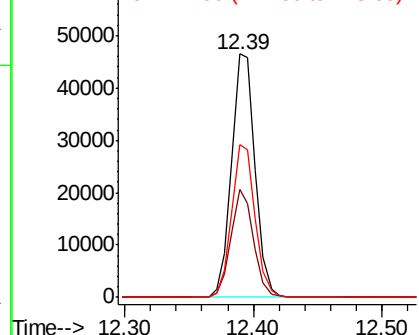
#91
 1,2-Dichlorobenzene
 Concen: 18.389 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005728.D
 Acq: 01 Nov 2018 14:44

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 60081
 Ion Ratio Lower Upper
 146 100
 111 42.4 20.0 59.9
 148 62.3 32.2 96.6

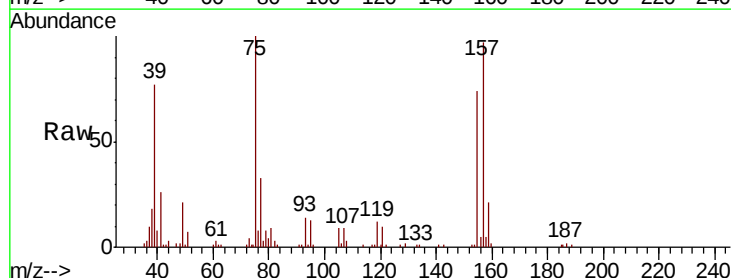


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

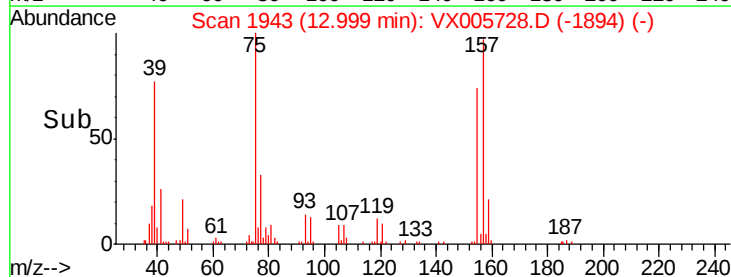
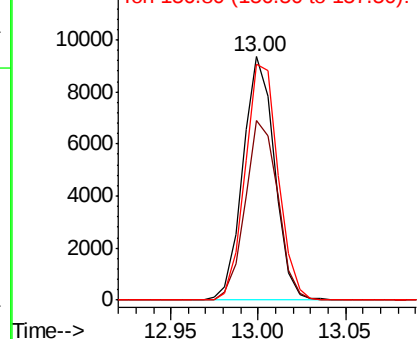


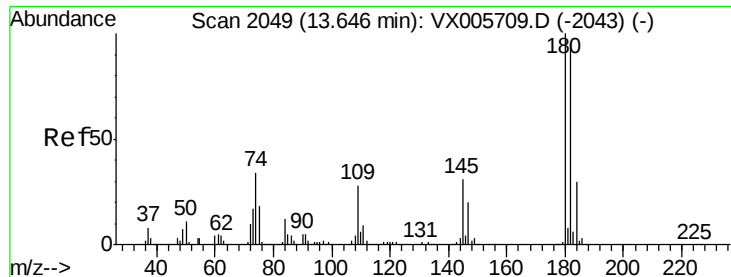
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.495 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005728.D
 Acq: 01 Nov 2018 14:44

Tgt Ion: 75 Resp: 11734
 Ion Ratio Lower Upper
 75 100
 155 76.1 45.4 136.1
 157 100.8 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

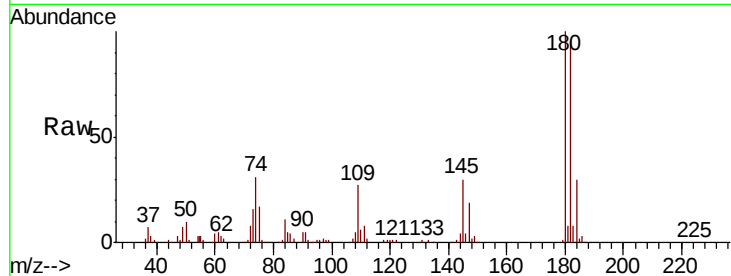




#93
 1,2,4-Trichlorobenzene
 Concen: 19.126 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005728.D
 Acq: 01 Nov 2018 14:44

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.6	142.8
145	29.6	14.1	42.2

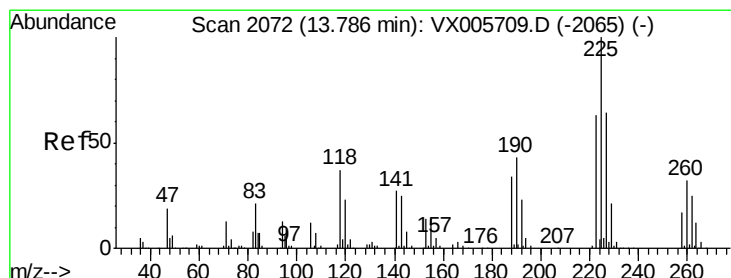
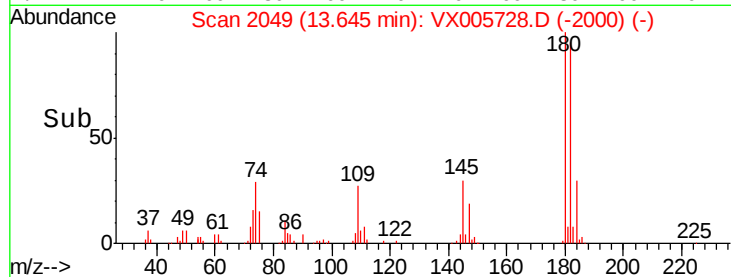
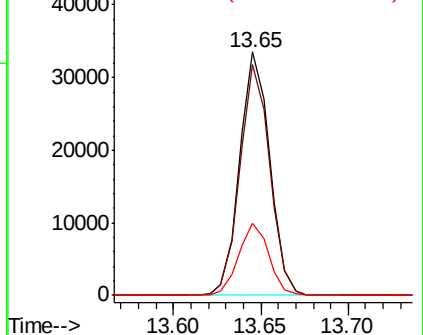


Abundance

Ion 179.80 (179.50 to 180.50): V

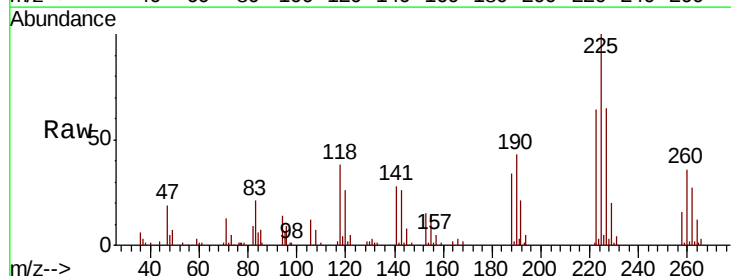
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 18.065 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005728.D
 Acq: 01 Nov 2018 14:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.7	95.1
227	65.3	32.3	96.9

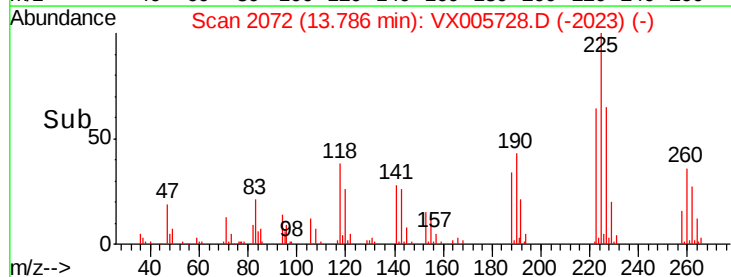
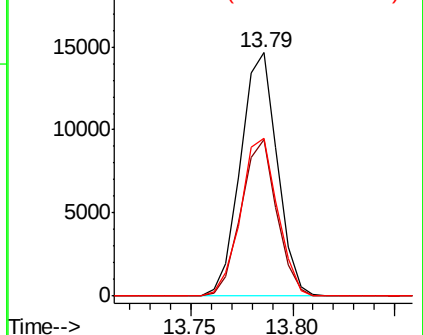


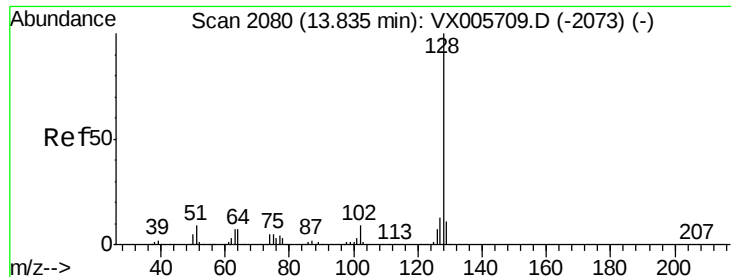
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.756 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005728.D

Acq: 01 Nov 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

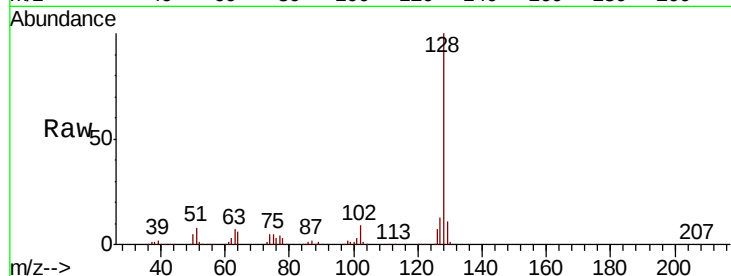
Tot Ion:128 Resp: 136153

Ion Ratio Lower Upper

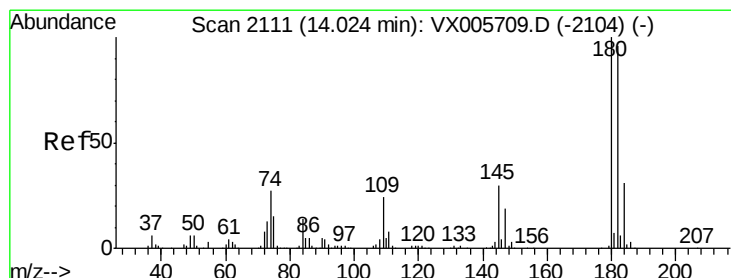
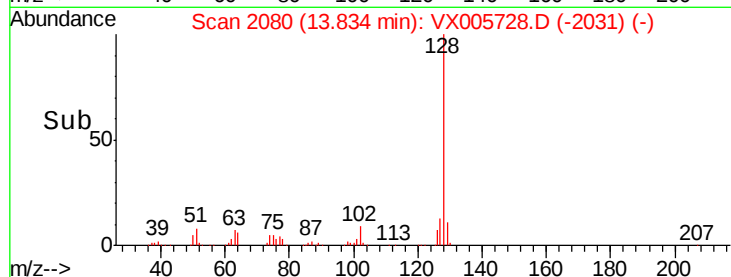
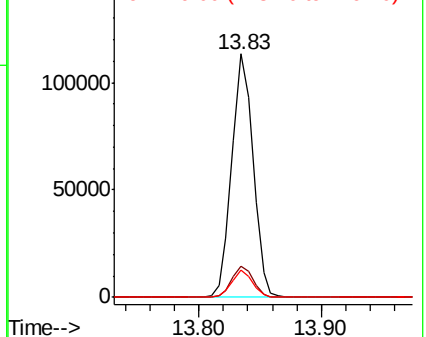
128 100

127 12.9 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: 19.096 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005728.D

Acq: 01 Nov 2018 14:44

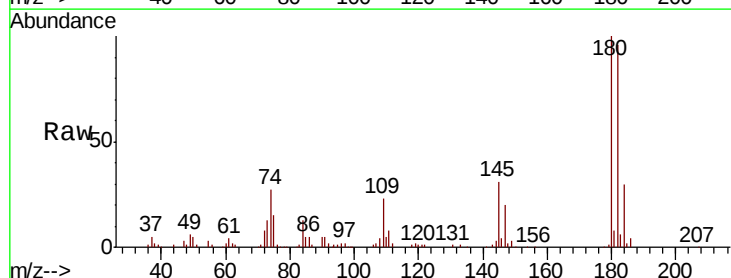
Tgt Ion:180 Resp: 40738

Ion Ratio Lower Upper

180 100

182 96.5 48.0 144.2

145 32.4 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

