

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110218\
 Data File : VX005769.D
 Acq On : 02 Nov 2018 20:58
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 03 01:31:03 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	126307	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	196454	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	176589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	94975	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	87623	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	
35) Dibromofluoromethane	5.50	113	68449	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
50) Toluene-d8	8.72	98	233669	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
62) 4-Bromofluorobenzene	11.14	95	87110	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	76413	52.369	ug/l	97
3) Chloromethane	1.32	50	83698	48.631	ug/l	95
4) Vinyl Chloride	1.40	62	85608	47.810	ug/l	100
5) Bromomethane	1.64	94	80708	36.324	ug/l	96
6) Chloroethane	1.71	64	52932	46.189	ug/l	97
7) Trichlorofluoromethane	1.92	101	108383	47.157	ug/l	97
8) Diethyl Ether	2.19	74	47048	45.541	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	63758	45.669	ug/l	92
10) Methyl Iodide	2.51	142	67996	50.036	ug/l	100
11) Tert butyl alcohol	3.09	59	124903	249.062	ug/l	100
12) 1,1-Dichloroethene	2.37	96	60083	44.166	ug/l	88
13) Acrolein	2.29	56	53423	153.815	ug/l	99
14) Allyl chloride	2.72	41	125088	44.468	ug/l	95
15) Acrylonitrile	3.15	53	273227	247.763	ug/l	99
16) Acetone	2.45	43	238201	250.899	ug/l	99
17) Carbon Disulfide	2.56	76	175112	41.889	ug/l	99
18) Methyl Acetate	2.78	43	132641	50.050	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	222599	47.271	ug/l	99
20) Methylene Chloride	2.85	84	74000	46.470	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	63708	44.257	ug/l	83
22) Diisopropyl ether	3.87	45	246530	47.245	ug/l	# 97
23) Vinyl Acetate	3.82	43	1099478	241.907	ug/l	99
24) 1,1-Dichloroethane	3.70	63	138237	46.850	ug/l	98
25) 2-Butanone	4.71	43	377387	242.266	ug/l	98
26) 2,2-Dichloropropane	4.58	77	81808	37.090	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	74076	45.796	ug/l	99
28) Bromochloromethane	5.01	49	67809	47.106	ug/l	93
29) Tetrahydrofuran	5.17	42	241012	253.487	ug/l	94
30) Chloroform	5.22	83	134766	46.716	ug/l	97
31) Cyclohexane	5.57	56	112540	45.611	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	108744	47.101	ug/l	97
36) 1,1-Dichloropropene	5.80	75	97449	46.558	ug/l	98
37) Ethyl Acetate	4.86	43	134409	50.335	ug/l	99
38) Carbon Tetrachloride	5.78	117	91541	48.408	ug/l	88

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Quant Time: Nov 03 01:31:03 2018
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 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)
39) Methylcyclohexane	7.46	83	99942	45.784	ug/l	99
40) Benzene	6.15	78	297051	47.704	ug/l	100
41) Methacrylonitrile	5.07	41	70545	48.893	ug/l	95
42) 1,2-Dichloroethane	6.20	62	111021	48.236	ug/l	98
43) Isopropyl Acetate	6.46	43	191165	49.324	ug/l	97
44) Trichloroethene	7.21	130	67217	46.673	ug/l	92
45) 1,2-Dichloropropane	7.52	63	76420	47.890	ug/l	100
46) Dibromomethane	7.66	93	47459	46.537	ug/l	88
47) Bromodichloromethane	7.90	83	92859	48.544	ug/l	99
48) Methyl methacrylate	7.78	41	94628	50.446	ug/l	95
49) 1,4-Dioxane	7.76	88	43597	1043.724	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	686175	259.647	ug/l	98
52) Toluene	8.79	92	164885	48.955	ug/l	88
53) t-1,3-Dichloropropene	9.04	75	104185	50.257	ug/l	94
54) cis-1,3-Dichloropropene	8.44	75	109362	49.239	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	79520	54.365	ug/l	94
56) Ethyl methacrylate	9.18	69	119315	48.151	ug/l	98
57) 1,3-Dichloropropane	9.37	76	139417	55.488	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	337804	239.976	ug/l	96
59) 2-Hexanone	9.50	43	577729	268.630	ug/l	93
60) Dibromochloromethane	9.59	129	76080	53.827	ug/l	100
61) 1,2-Dibromoethane	9.68	107	76821	51.542	ug/l	99
64) Tetrachloroethene	9.34	164	74212	57.523	ug/l #	91
65) Chlorobenzene	10.14	112	180892	48.206	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	65924	51.318	ug/l	98
67) Ethyl Benzene	10.25	91	333096	52.011	ug/l	91
68) m/p-Xylenes	10.36	106	243520	102.330	ug/l	96
69) o-Xylene	10.70	106	115951	50.944	ug/l	97
70) Styrene	10.71	104	199583	52.796	ug/l	99
71) Bromoform	10.86	173	52307	50.255	ug/l	100
73) Isopropylbenzene	11.02	105	320856	51.207	ug/l	99
74) N-amyl acetate	10.90	43	168084	50.385	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	125744	48.371	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	145062	61.325	ug/l	85
77) Bromobenzene	11.26	156	76414	49.161	ug/l	88
78) n-propylbenzene	11.36	91	386158	50.660	ug/l	96
79) 2-Chlorotoluene	11.42	91	227536	49.979	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	273177	51.346	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	34309	46.862	ug/l	97
82) 4-Chlorotoluene	11.51	91	268870	49.469	ug/l	96
83) tert-Butylbenzene	11.77	119	256281	50.486	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	280433	52.199	ug/l	98
85) sec-Butylbenzene	11.94	105	329038	50.530	ug/l	97
86) p-Isopropyltoluene	12.07	119	282123	50.942	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	144358	48.032	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	147820	45.784	ug/l	97
89) n-Butylbenzene	12.39	91	268845	48.114	ug/l	98
90) Hexachloroethane	12.60	117	47268	48.108	ug/l	82
91) 1,2-Dichlorobenzene	12.39	146	148553	47.313	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	31005	50.852	ug/l	87

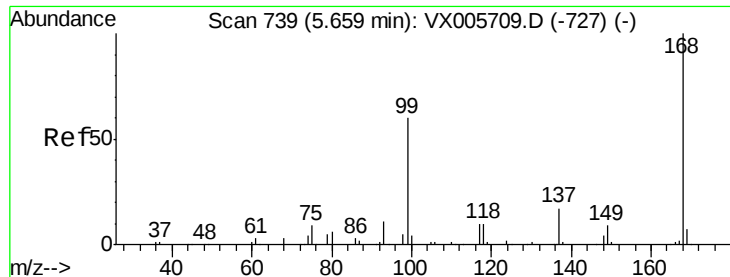
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Quant Title : SW846 8260
QLast Update : Wed Oct 31 18:23:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	99478	49.398	ug/l	99
94) Hexachlorobutadiene	13.79	225	45607	46.814	ug/l	99
95) Naphthalene	13.83	128	362257	54.699	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	103440	50.455	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005769.D

Acq: 02 Nov 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

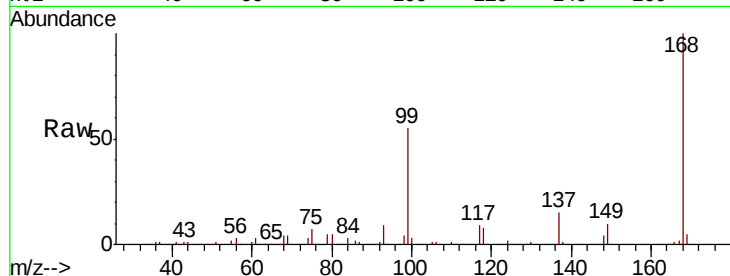
VSTDCCC050EC

Tot Ion:168 Resp: 126307

Ion Ratio Lower Upper

168 100

99 54.5 40.7 61.1



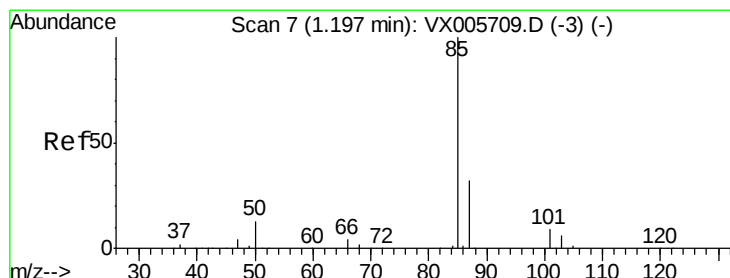
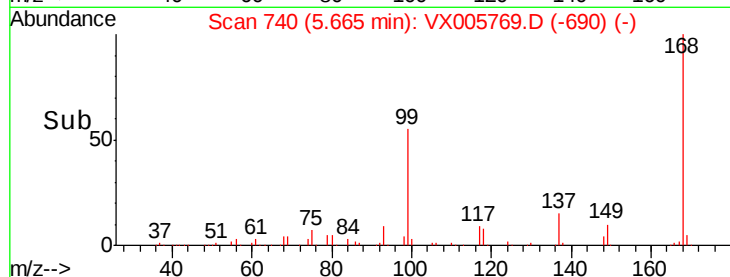
Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 52.369 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005769.D

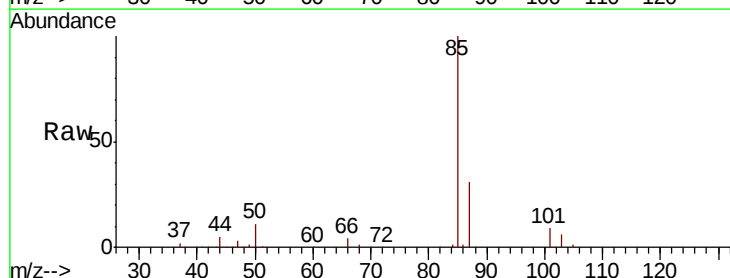
Acq: 02 Nov 2018 20:58

Tgt Ion: 85 Resp: 76413

Ion Ratio Lower Upper

85 100

87 30.6 16.3 48.9



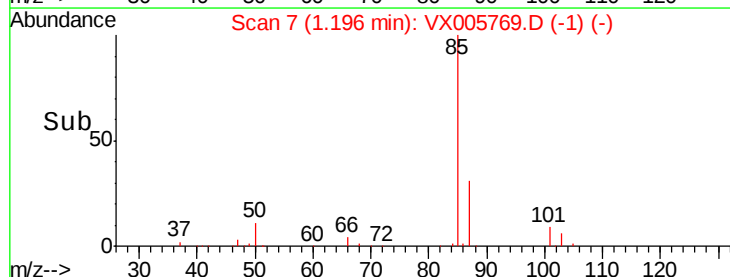
Abundance Ion 84.90 (84.60 to 85.60): VX0

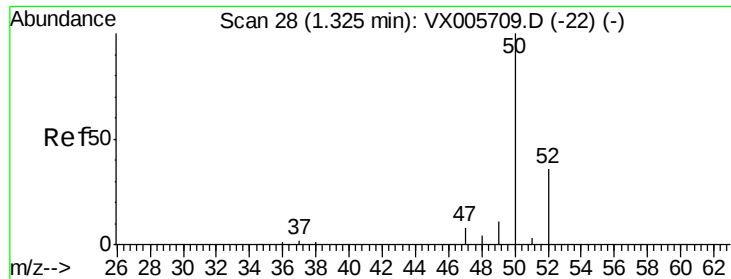
Ion 86.90 (86.60 to 87.60): VX0

1.20

1.15 1.20 1.25 1.30

Time-->

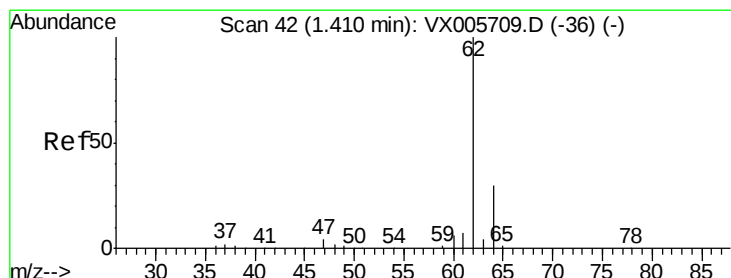
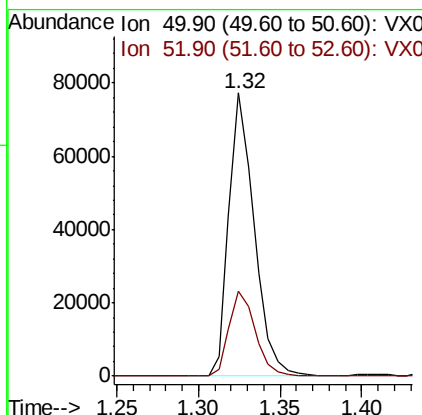
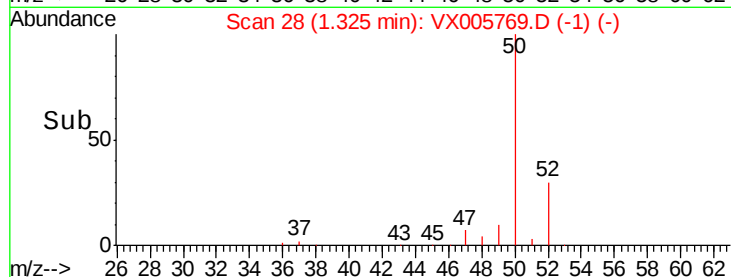
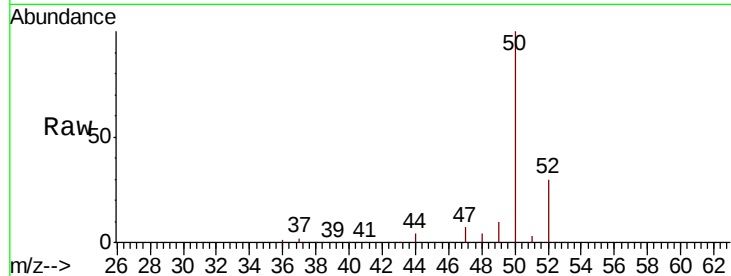




#3
Chloromethane
Concen: 48.631 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.00 min
Lab File: VX005769.D
Acq: 02 Nov 2018 20:58

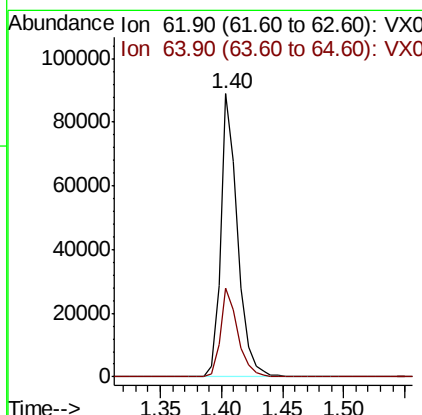
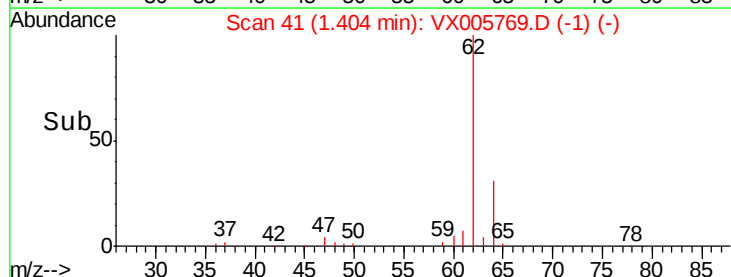
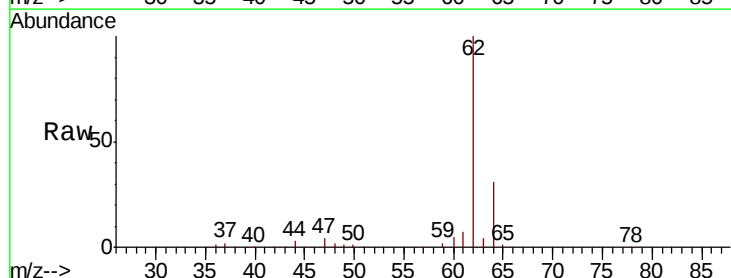
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

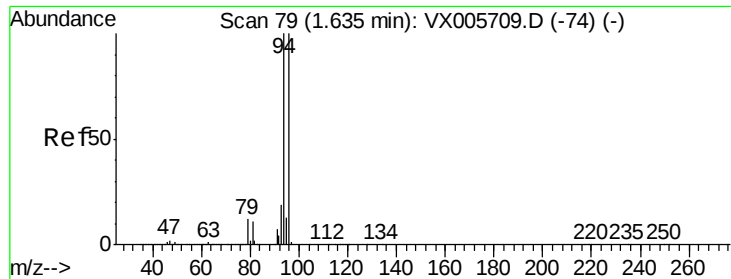
Tot Ion: 50 Resp: 83698
Ion Ratio Lower Upper
50 100
52 30.1 26.2 39.2



#4
Vinyl Chloride
Concen: 47.810 ug/l
RT: 1.40 min Scan# 41
Delta R.T. -0.01 min
Lab File: VX005769.D
Acq: 02 Nov 2018 20:58

Tgt Ion: 62 Resp: 85608
Ion Ratio Lower Upper
62 100
64 31.4 25.3 37.9





#5

Bromomethane

Concen: 36.324 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005769.D

Acq: 02 Nov 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

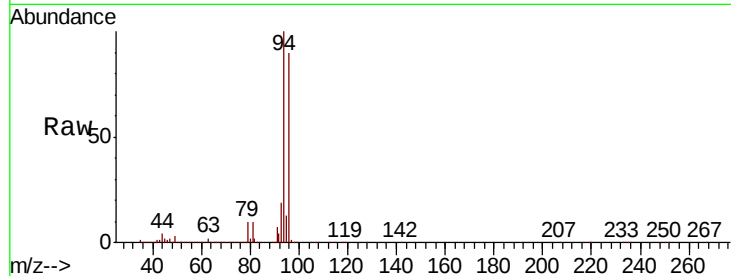
VSTDCCC050EC

Tot Ion: 94 Resp: 80708

Ion Ratio Lower Upper

94 100

96 90.4 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

80000

60000

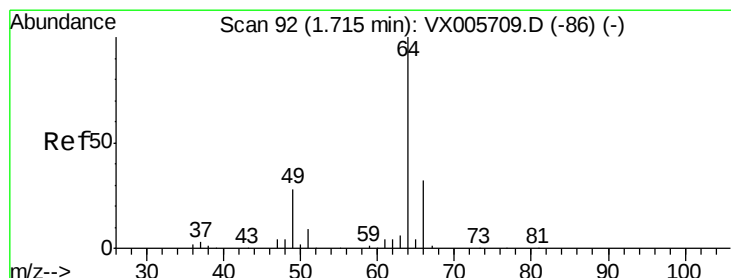
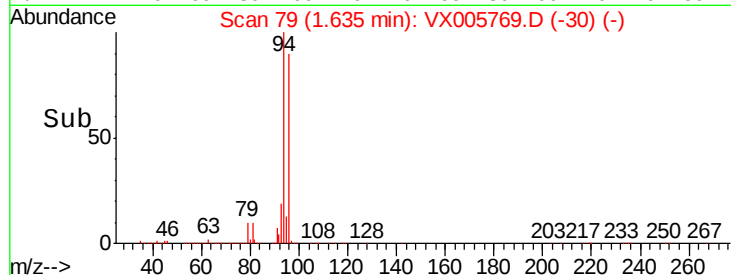
40000

20000

0

Time-->

1.50 1.60 1.70



#6

Chloroethane

Concen: 46.189 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX005769.D

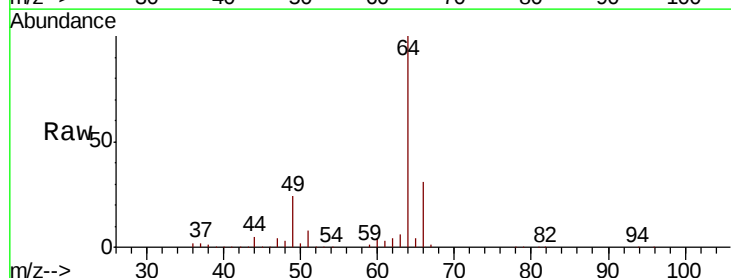
Acq: 02 Nov 2018 20:58

Tgt Ion: 64 Resp: 52932

Ion Ratio Lower Upper

64 100

66 30.6 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

40000

30000

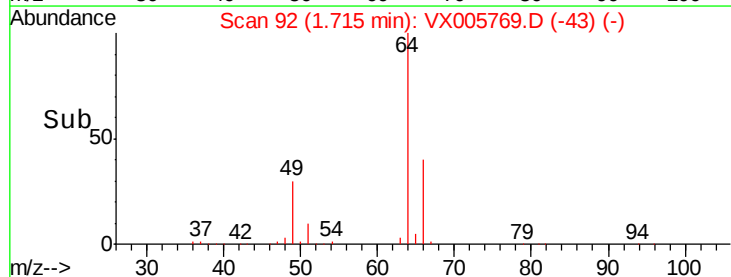
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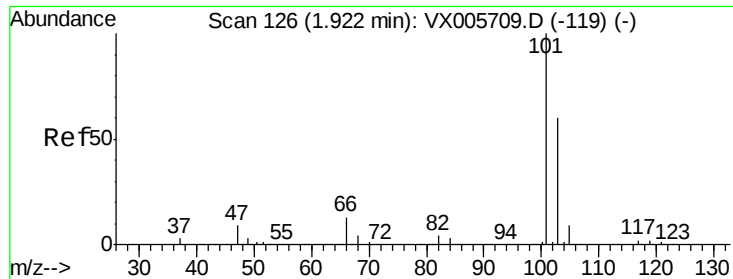
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Time-->

1.65 1.70 1.75 1.80



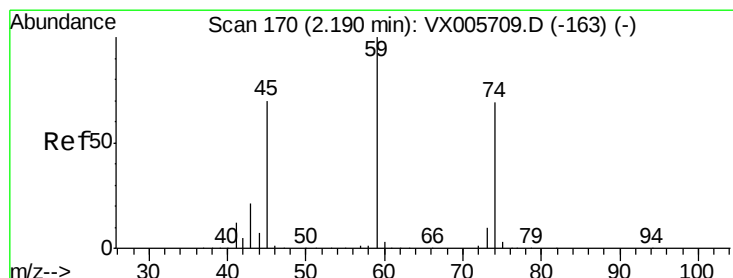
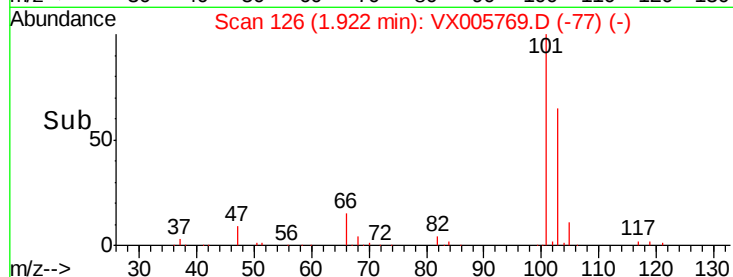
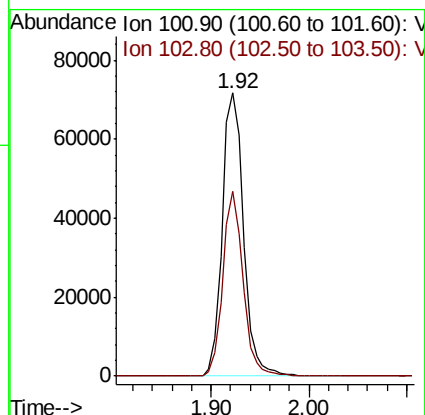
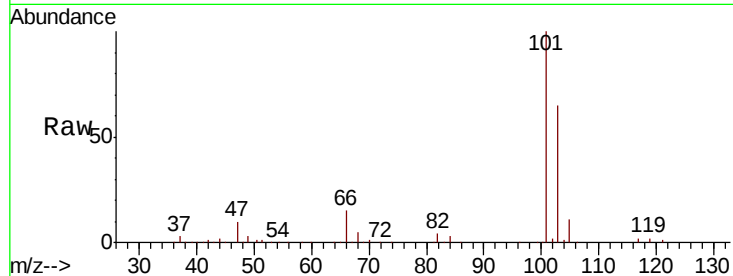


#7

Trichlorofluoromethane
 Concen: 47.157 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX005769.D
 Acq: 02 Nov 2018 20:58

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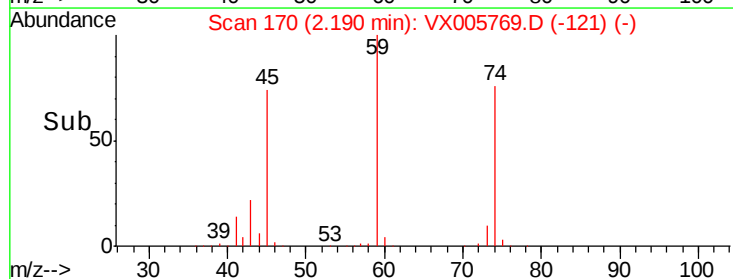
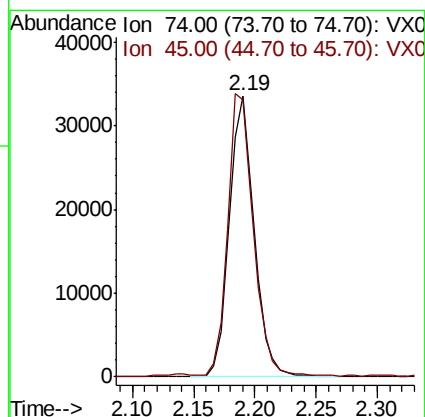
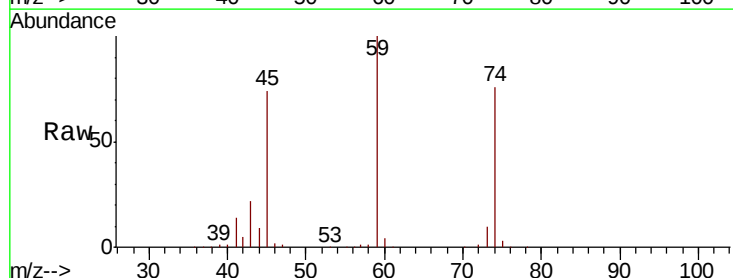
Tot Ion:101 Resp: 108383
 Ion Ratio Lower Upper
 101 100
 103 65.2 50.0 75.0

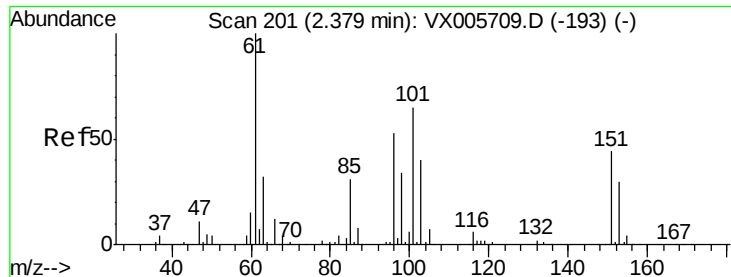


#8

Diethyl Ether
 Concen: 45.541 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005769.D
 Acq: 02 Nov 2018 20:58

Tgt Ion: 74 Resp: 47048
 Ion Ratio Lower Upper
 74 100
 45 103.4 54.1 162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.669 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005769.D

Acq: 02 Nov 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

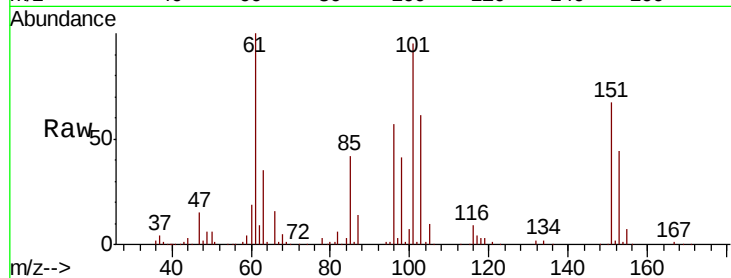
Tot Ion:101 Resp: 63758

Ion Ratio Lower Upper

101 100

85 46.2 35.0 52.4

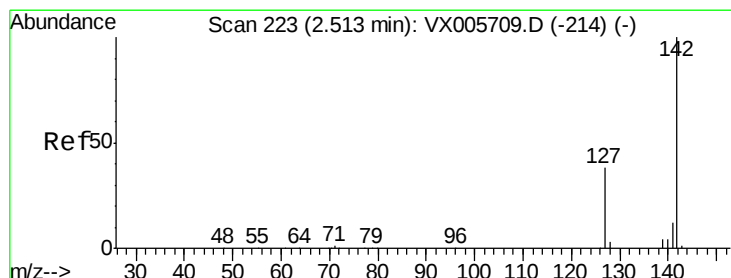
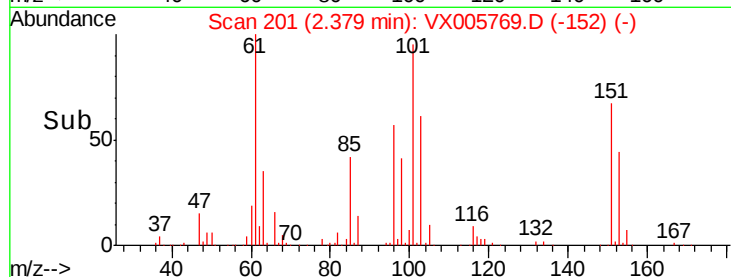
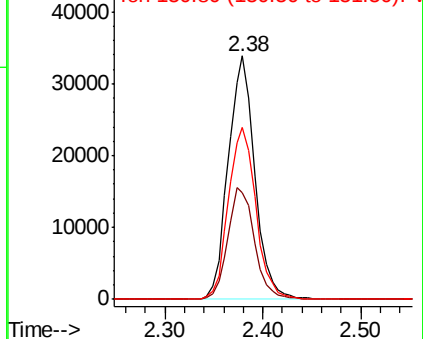
151 73.2 66.2 99.2



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: 50.036 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

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Acq: 02 Nov 2018 20:58

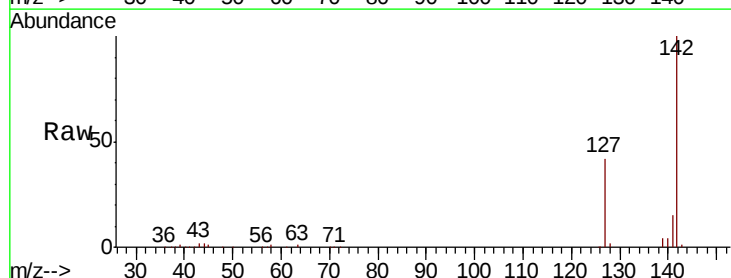
Tgt Ion:142 Resp: 67996

Ion Ratio Lower Upper

142 100

127 44.9 36.0 54.0

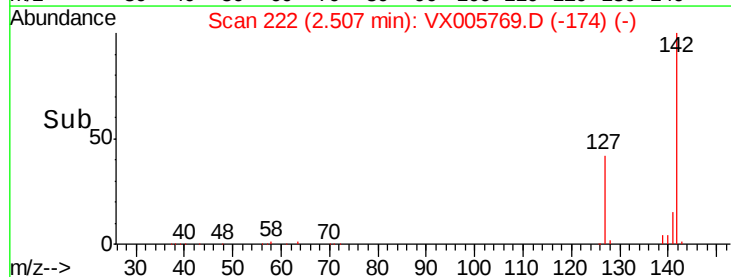
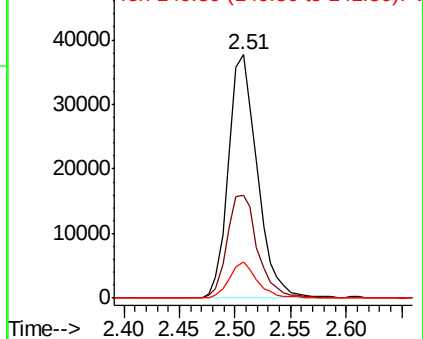
141 14.3 11.7 17.5

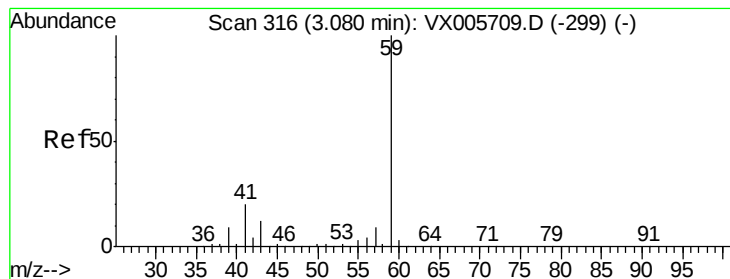


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



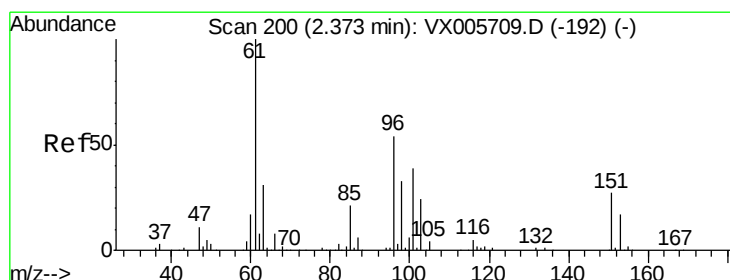
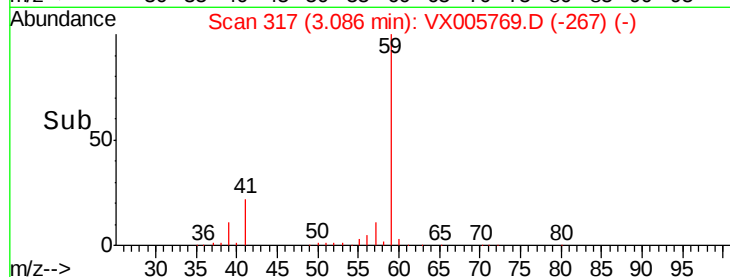
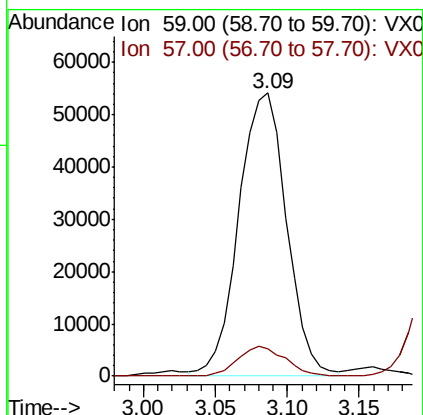
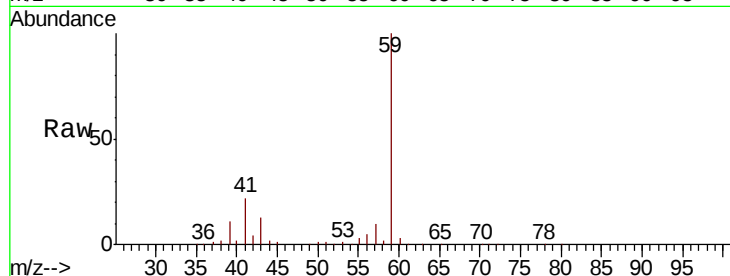


#11

Tert butyl alcohol
 Concen: 249.062 ug/l
 RT: 3.09 min Scan# 317
 Delta R.T. 0.01 min
 Lab File: VX005769.D
 Acq: 02 Nov 2018 20:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

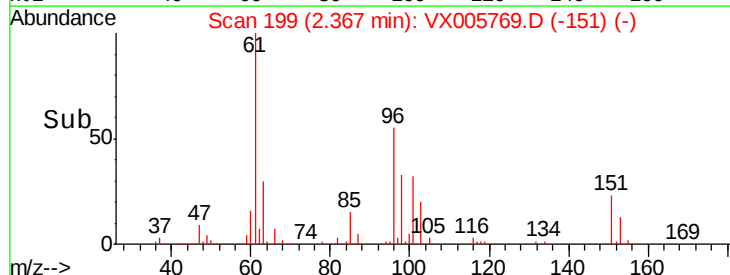
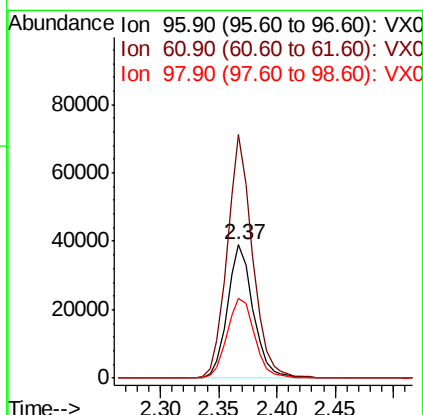
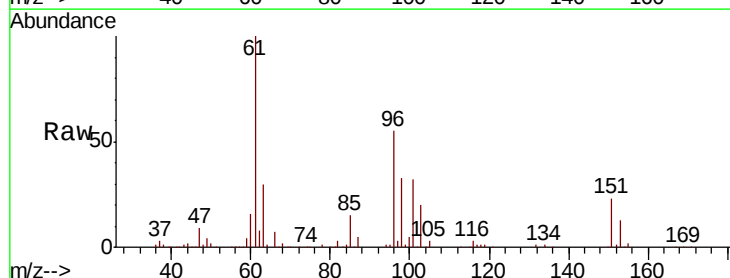
Tot Ion: 59 Resp: 124903
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.5 12.7

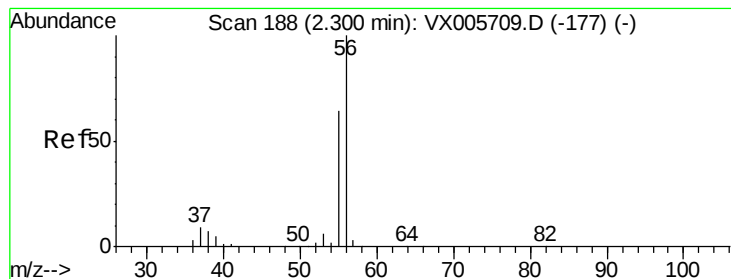


#12

1,1-Dichloroethene
 Concen: 44.166 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX005769.D
 Acq: 02 Nov 2018 20:58

Tgt Ion: 96 Resp: 60083
 Ion Ratio Lower Upper
 96 100
 61 182.7 131.8 197.8
 98 59.7 53.4 80.2





#13

Acrolein

Concen: 153.815 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX005769.D

Acq: 02 Nov 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

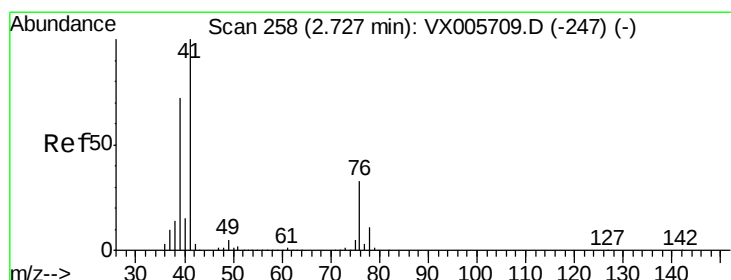
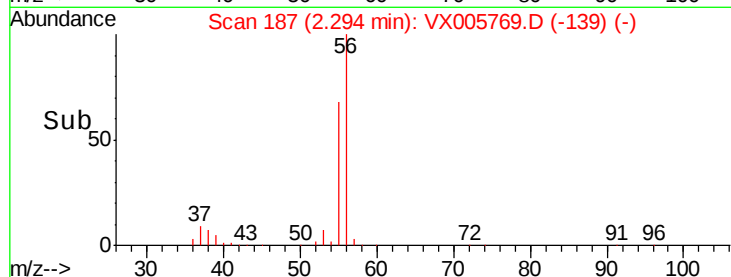
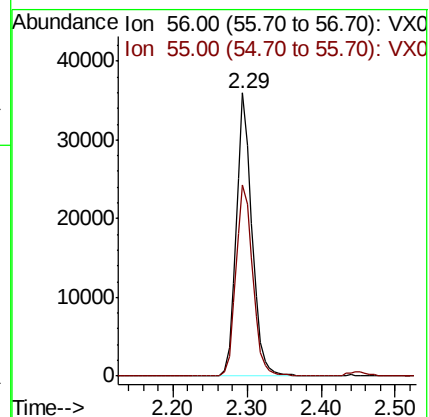
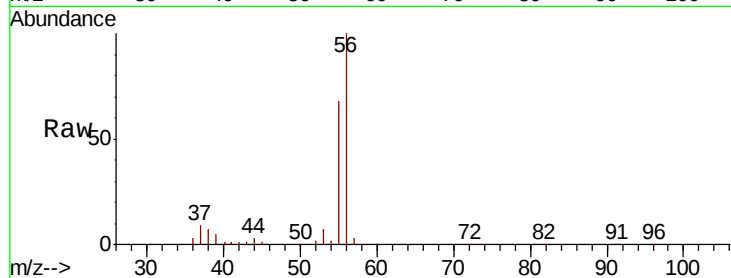
VSTDCCC050EC

Tot Ion: 56 Resp: 53423

Ion Ratio Lower Upper

56 100

55 72.4 57.3 85.9



#14

Allyl chloride

Concen: 44.468 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX005769.D

Acq: 02 Nov 2018 20:58

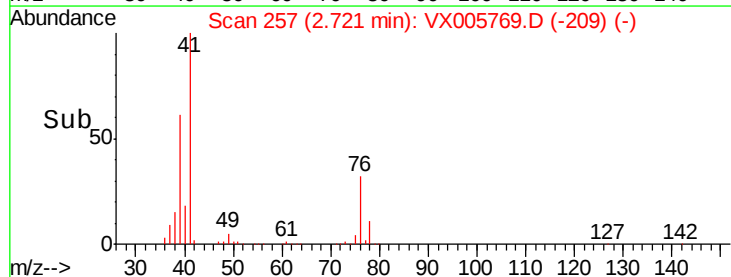
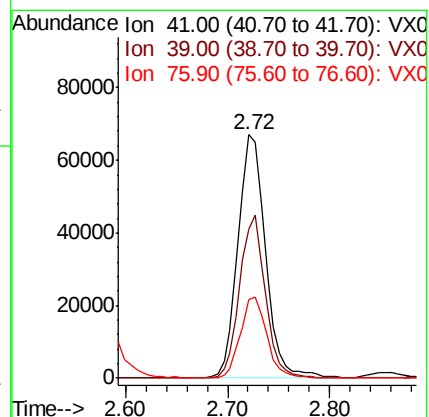
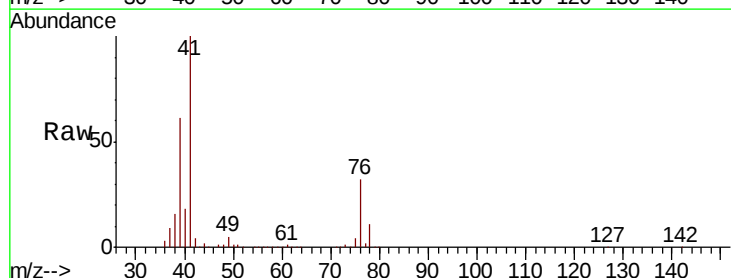
Tgt Ion: 41 Resp: 125088

Ion Ratio Lower Upper

41 100

39 62.5 48.2 72.4

76 31.9 21.9 32.9





#15

Acrylonitrile

Concen: 247.763 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX005769.D

Acq: 02 Nov 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

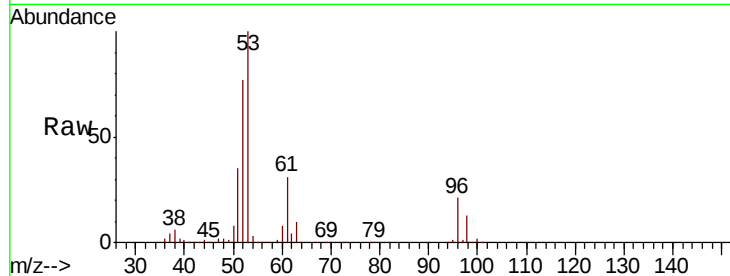
Tot Ion: 53 Resp: 273227

Ion Ratio Lower Upper

53 100

52 81.9 66.6 99.8

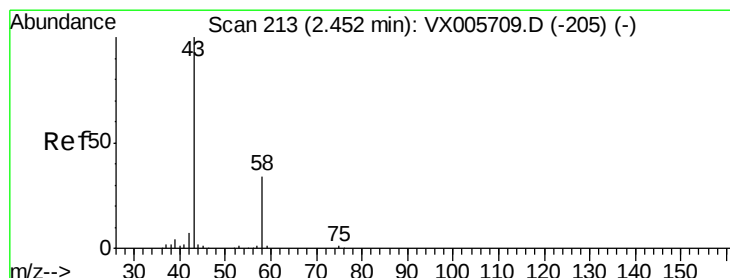
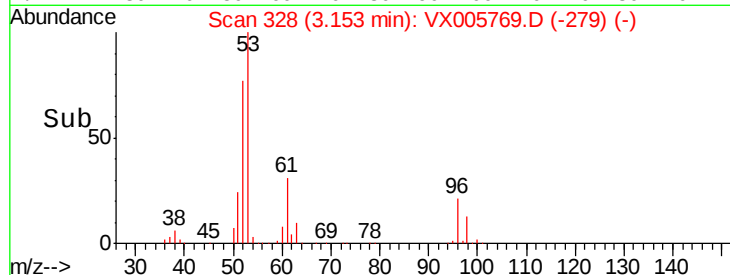
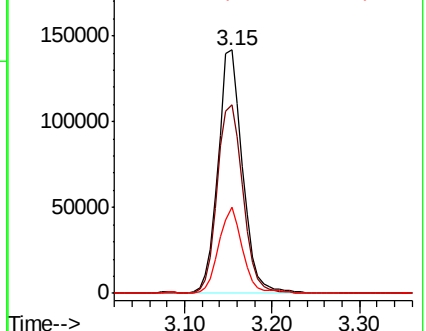
51 34.7 28.4 42.6



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: 250.899 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.00 min

Lab File: VX005769.D

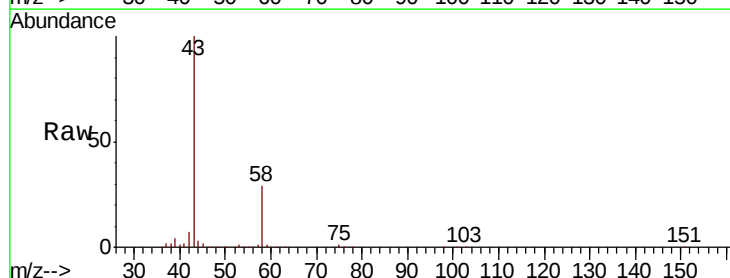
Acq: 02 Nov 2018 20:58

Tgt Ion: 43 Resp: 238201

Ion Ratio Lower Upper

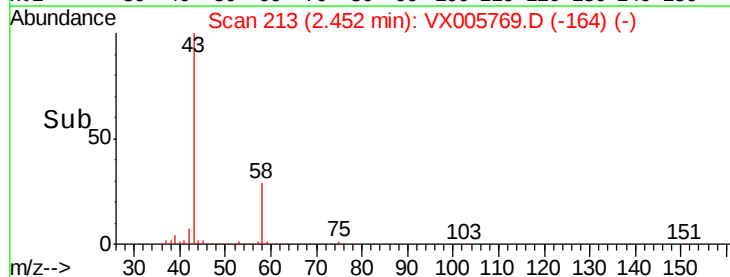
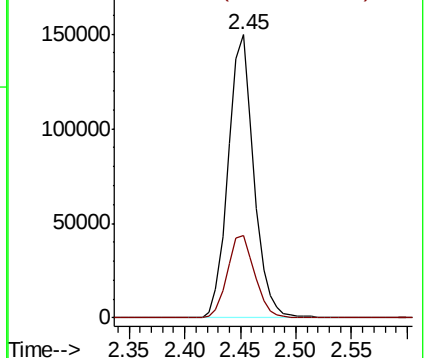
43 100

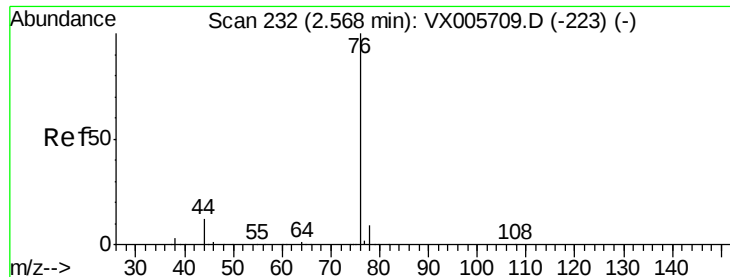
58 29.2 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

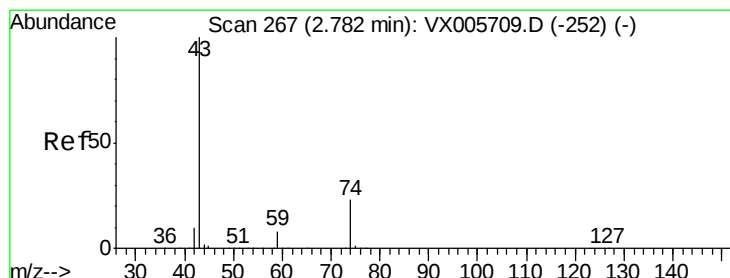
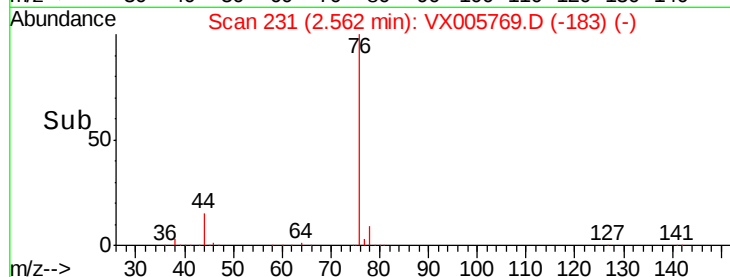
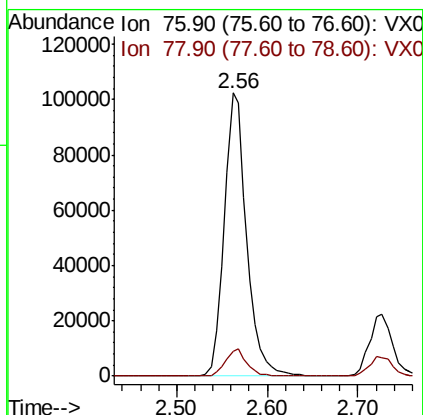
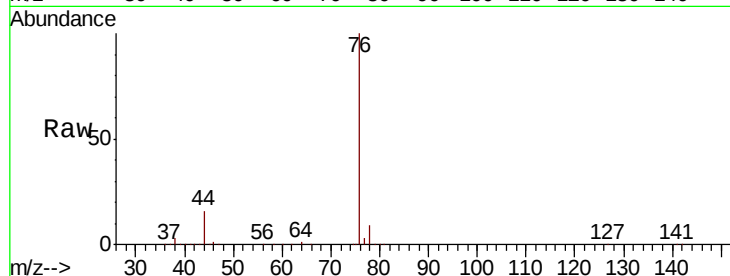




#17
Carbon Disulfide
Concen: 41.889 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX005769.D
Acq: 02 Nov 2018 20:58

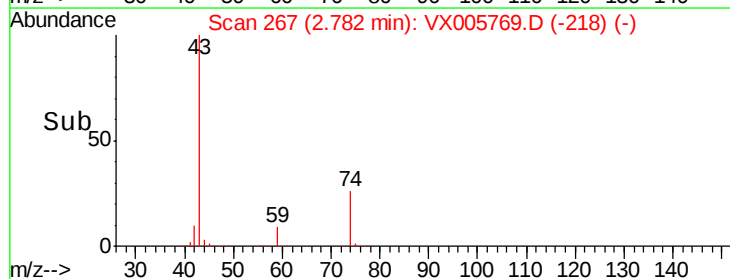
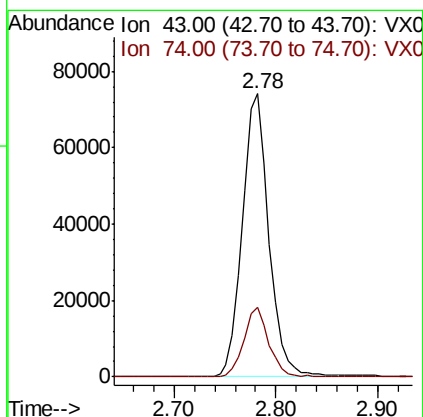
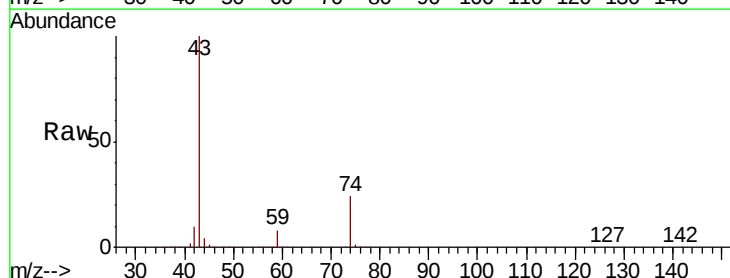
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

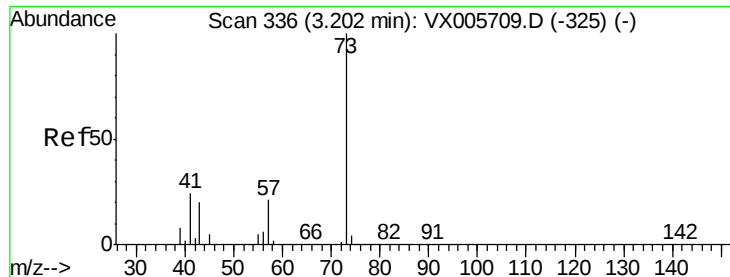
Tot Ion: 76 Resp: 175112
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9



#18
Methyl Acetate
Concen: 50.050 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005769.D
Acq: 02 Nov 2018 20:58

Tgt Ion: 43 Resp: 132641
Ion Ratio Lower Upper
43 100
74 23.3 16.8 25.2

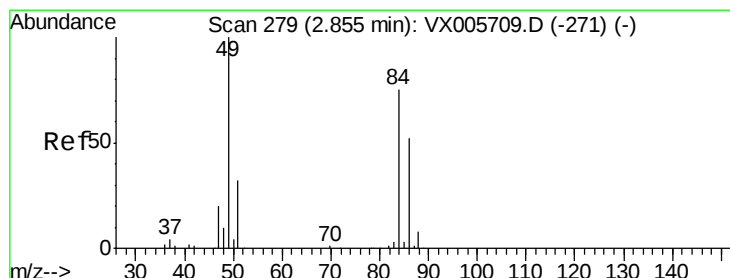
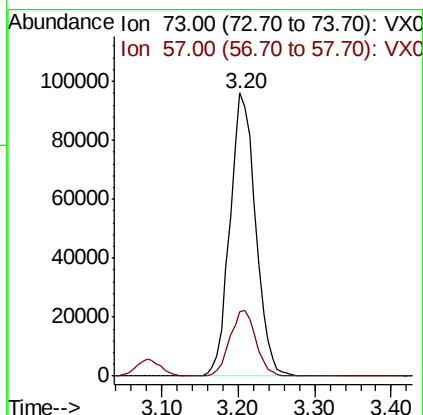
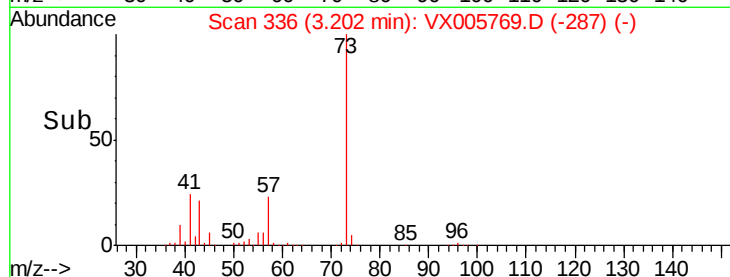
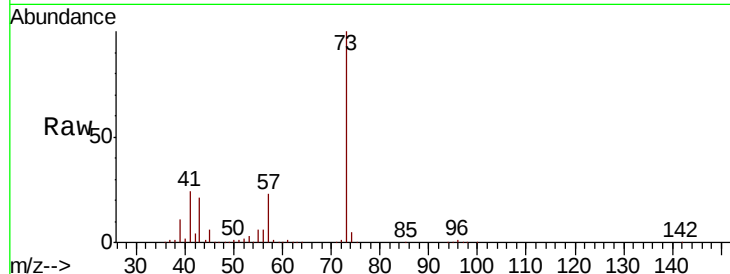




#19
Methyl tert-butyl Ether
Concen: 47.271 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005769.D
Acq: 02 Nov 2018 20:58

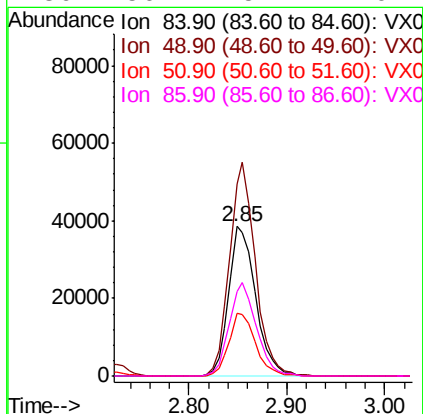
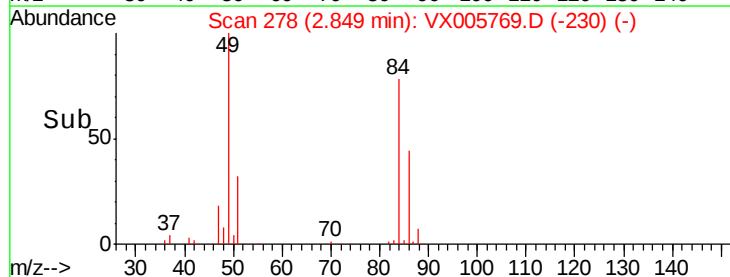
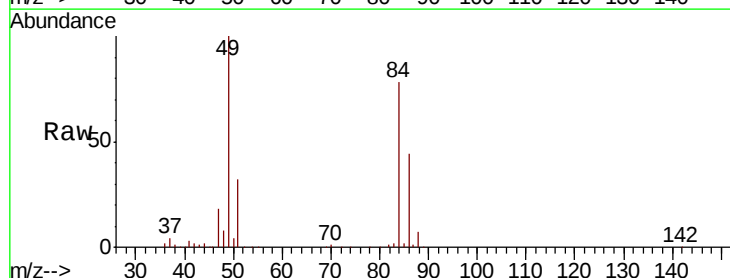
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

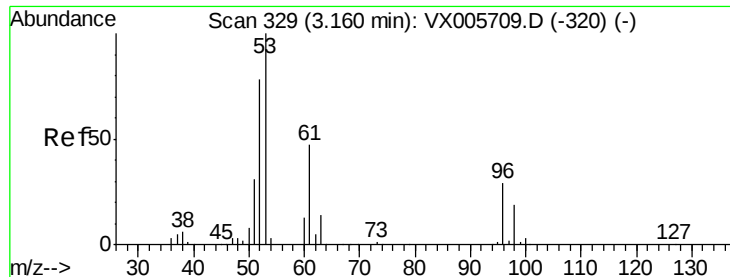
Tot Ion: 73 Resp: 222599
Ion Ratio Lower Upper
73 100
57 22.9 18.8 28.2



#20
Methylene Chloride
Concen: 46.470 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX005769.D
Acq: 02 Nov 2018 20:58

Tgt Ion: 84 Resp: 74000
Ion Ratio Lower Upper
84 100
49 128.2 109.5 164.3
51 41.4 33.3 49.9
86 56.1 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 44.257 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005769.D

Acq: 02 Nov 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

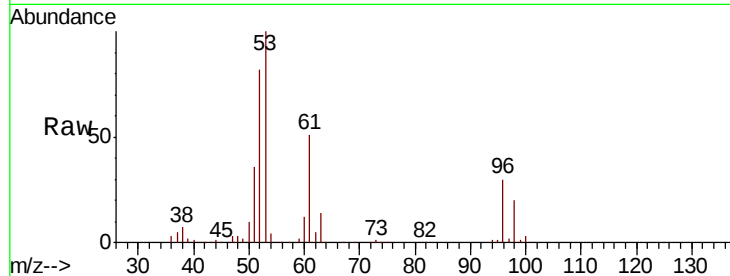
Tot Ion: 96 Resp: 63708

Ion Ratio Lower Upper

96 100

61 171.5 115.6 173.4

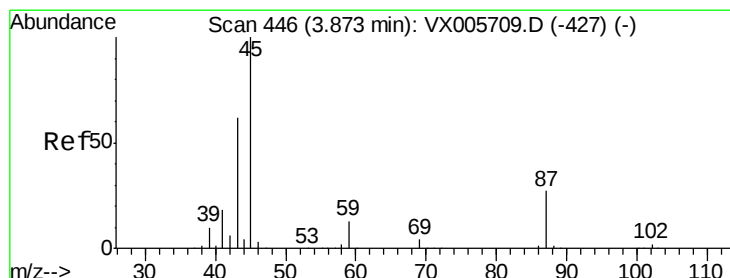
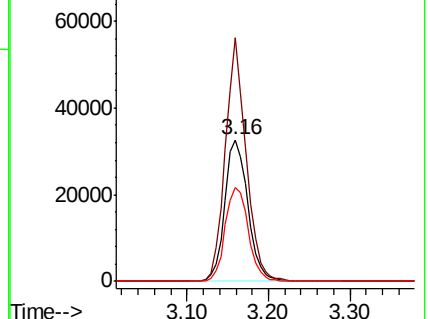
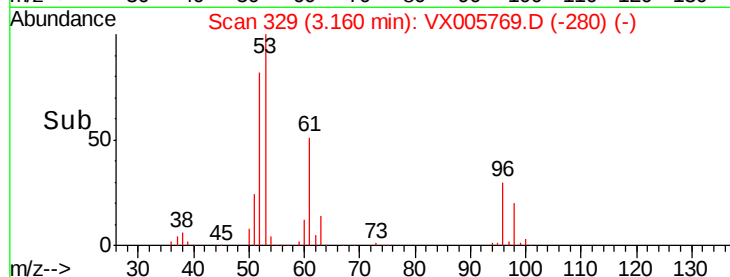
98 66.5 50.2 75.2



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: 47.245 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX005769.D

Acq: 02 Nov 2018 20:58

Tgt Ion: 45 Resp: 246530

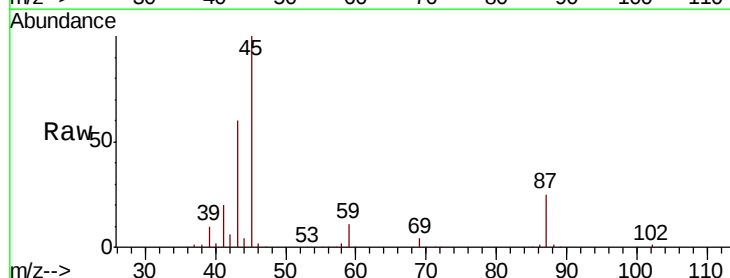
Ion Ratio Lower Upper

45 100

43 59.7 47.4 71.2

87 25.0 15.9 23.9#

59 11.0 7.7 11.5

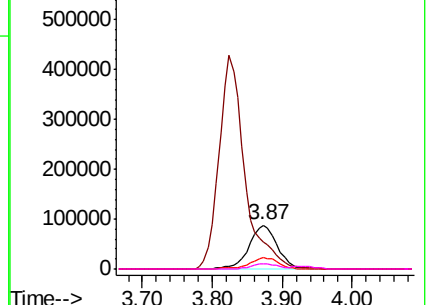
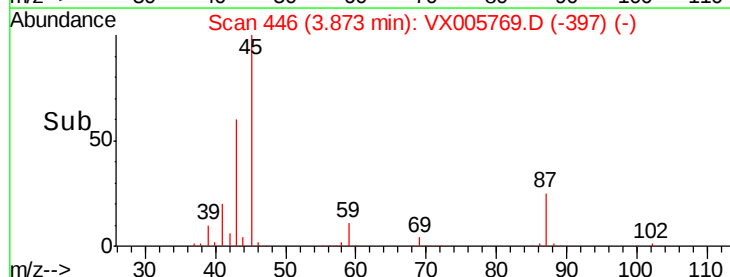


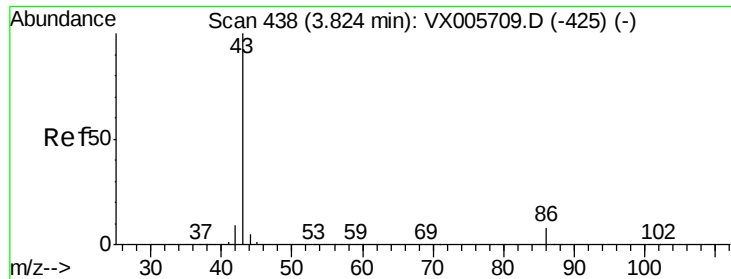
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 241.907 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX005769.D

Acq: 02 Nov 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

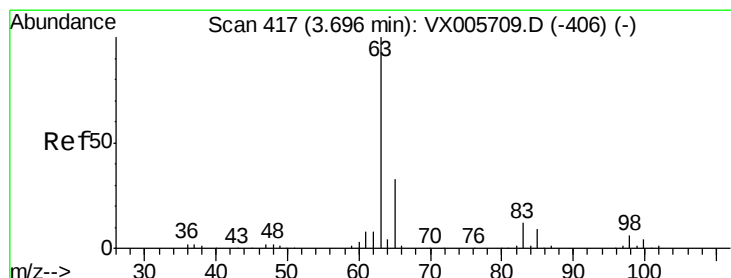
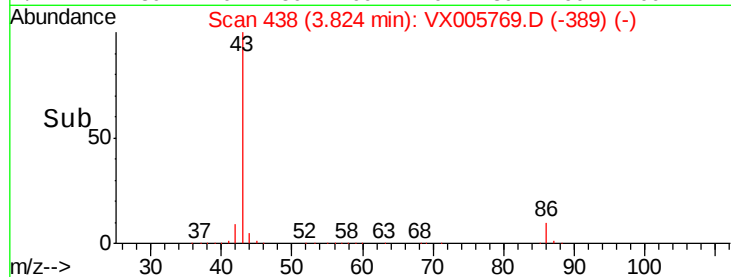
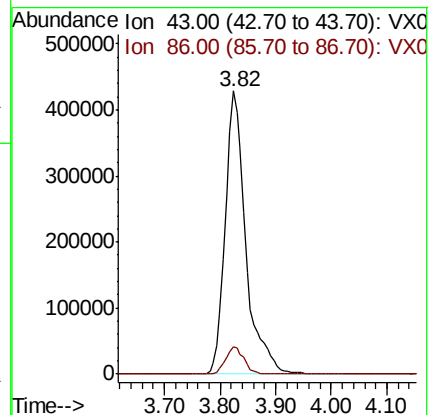
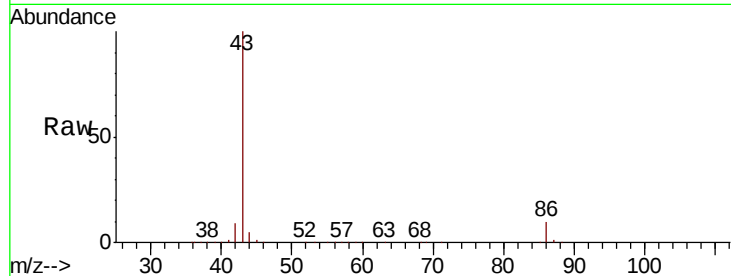
VSTDCCC050EC

Tot Ion: 43 Resp: 1099478

Ion Ratio Lower Upper

43 100

86 9.7 7.4 11.2



#24

1,1-Dichloroethane

Concen: 46.850 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX005769.D

Acq: 02 Nov 2018 20:58

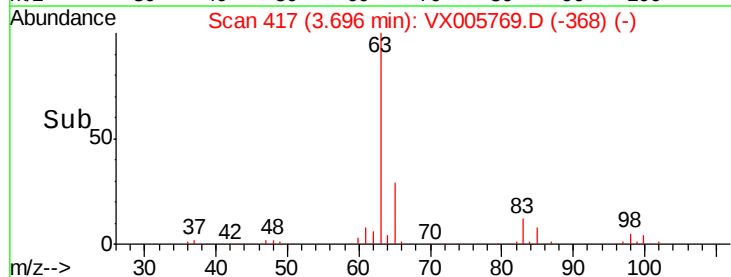
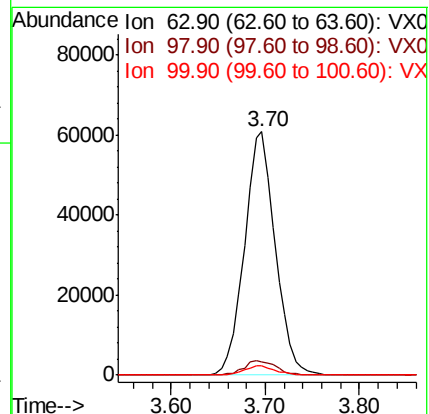
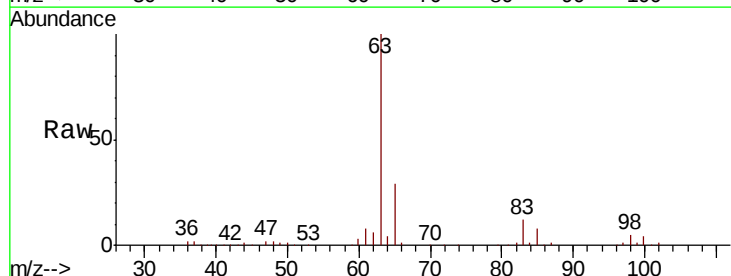
Tgt Ion: 63 Resp: 138237

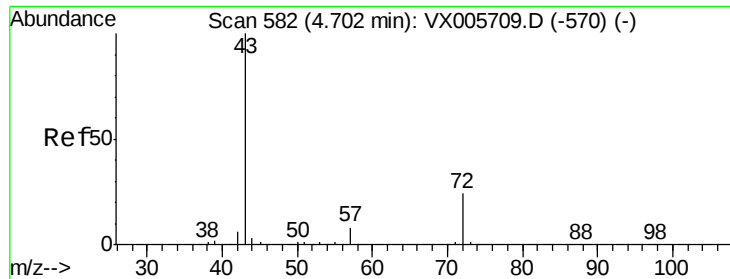
Ion Ratio Lower Upper

63 100

98 5.3 3.2 9.6

100 3.7 2.1 6.2





#25

2-Butanone

Concen: 242.266 ug/l

RT: 4.71 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX005769.D

Acq: 02 Nov 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

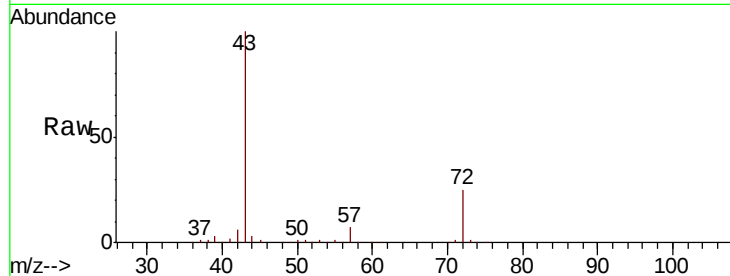
VSTDCCC050EC

Tot Ion: 43 Resp: 377387

Ion Ratio Lower Upper

43 100

72 25.2 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX005709.D (-570) (-)

Ion 72.00 (71.70 to 72.70): VX005709.D (-570) (-)

150000

100000

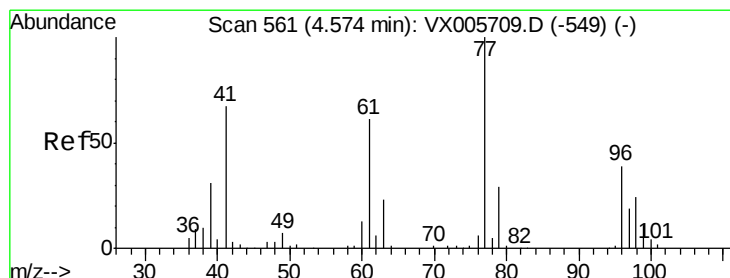
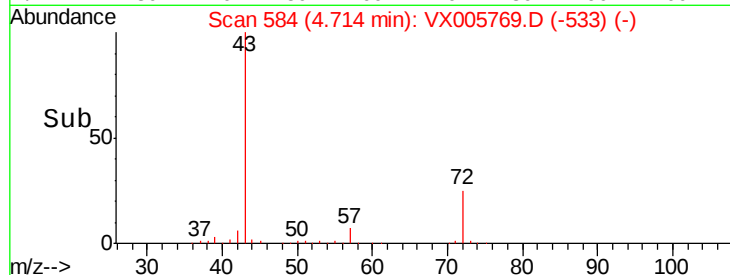
50000

0

4.60 4.70 4.80

4.71

Time-->



#26

2,2-Dichloropropane

Concen: 37.090 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX005769.D

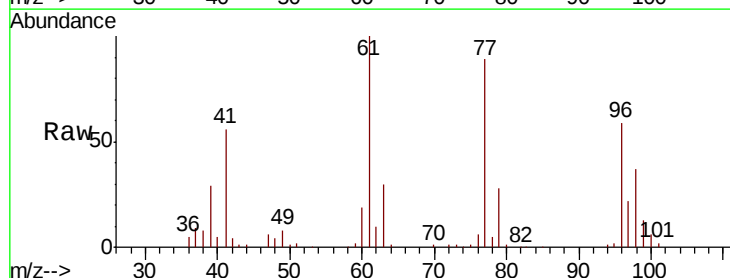
Acq: 02 Nov 2018 20:58

Tgt Ion: 77 Resp: 81808

Ion Ratio Lower Upper

77 100

97 24.0 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX005709.D (-549) (-)

Ion 96.90 (96.60 to 97.60): VX005709.D (-549) (-)

30000

25000

20000

15000

10000

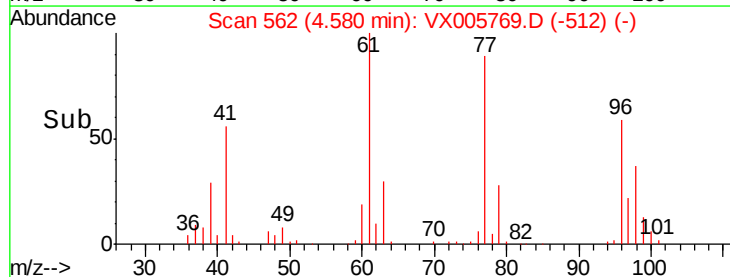
5000

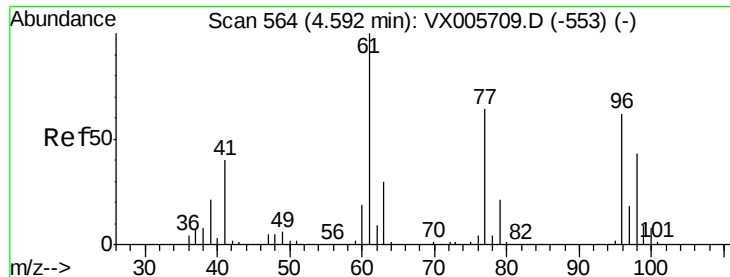
0

4.50 4.60 4.70

4.58

Time-->



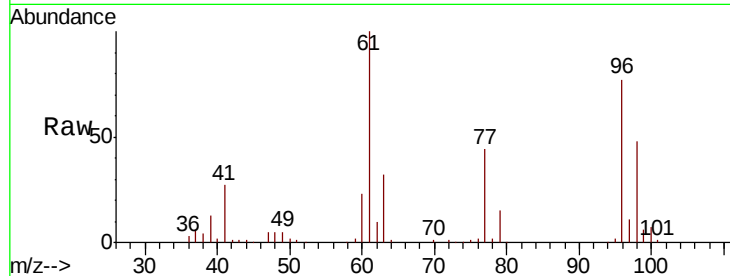


#27

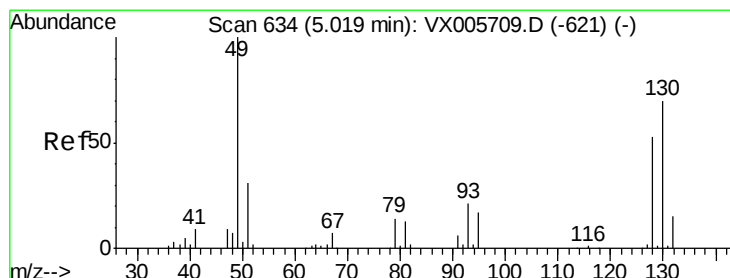
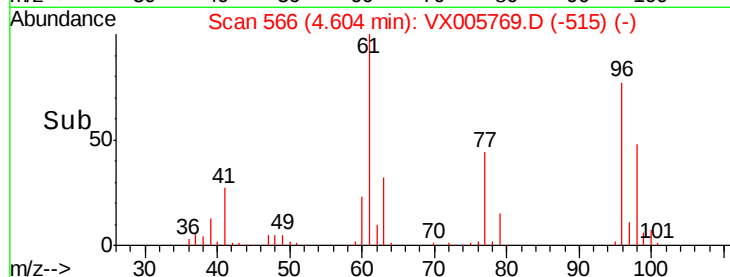
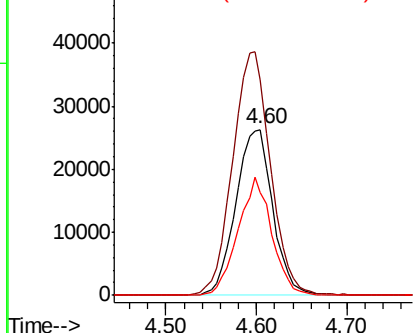
cis-1,2-Dichloroethene
Concen: 45.796 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX005769.D
Acq: 02 Nov 2018 20:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 74076
Ion Ratio Lower Upper
96 100
61 150.8 0.0 304.6
98 65.1 0.0 127.4



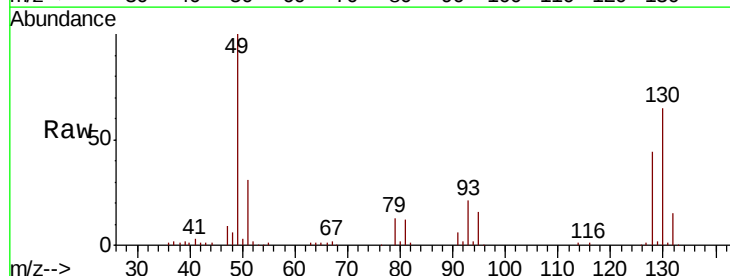
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



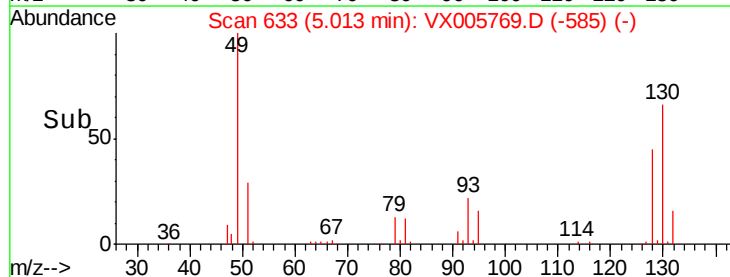
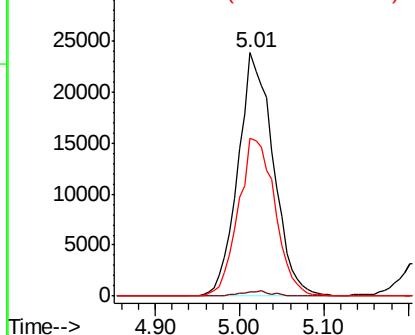
#28

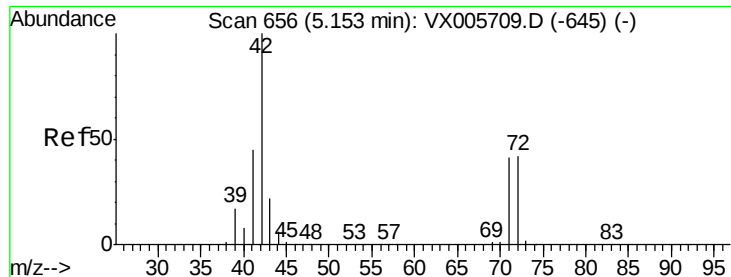
Bromochloromethane
Concen: 47.106 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX005769.D
Acq: 02 Nov 2018 20:58

Tgt Ion: 49 Resp: 67809
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.0
130 67.2 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: 253.487 ug/l

RT: 5.17 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX005769.D

Acq: 02 Nov 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

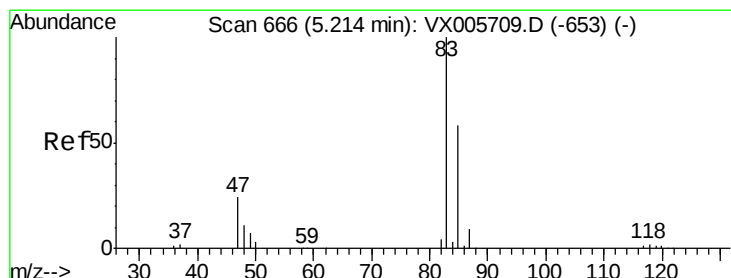
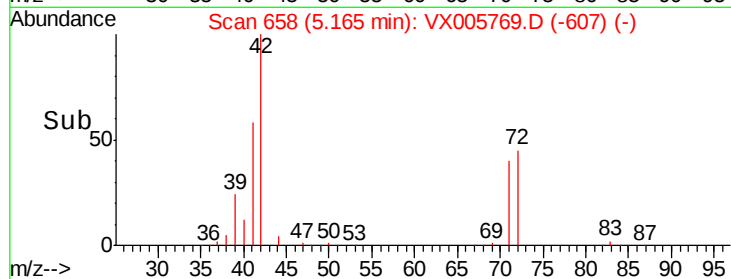
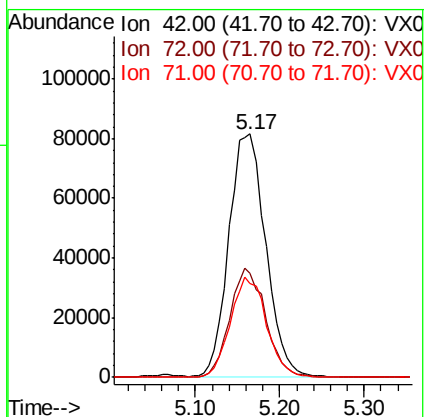
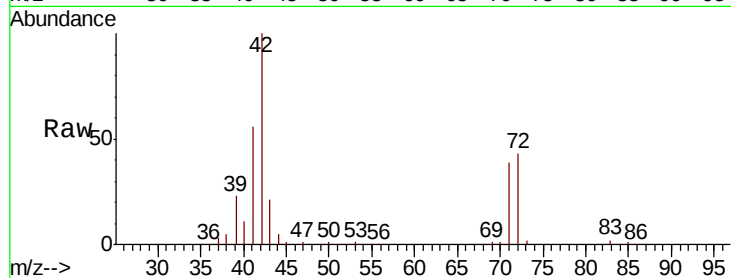
Tot Ion: 42 Resp: 241012

Ion Ratio Lower Upper

42 100

72 43.8 32.0 48.0

71 40.5 29.8 44.8



#30

Chloroform

Concen: 46.716 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX005769.D

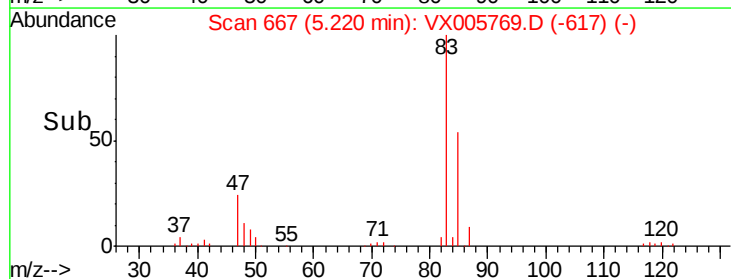
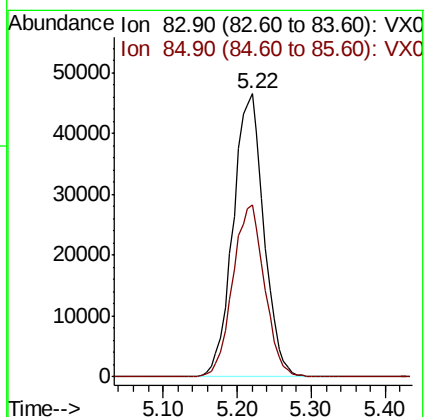
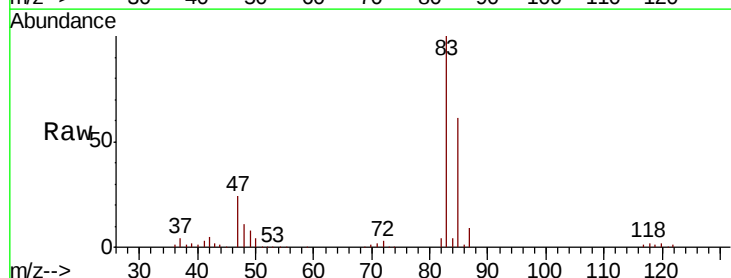
Acq: 02 Nov 2018 20:58

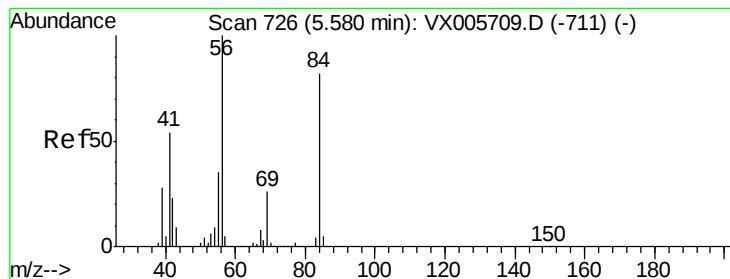
Tgt Ion: 83 Resp: 134766

Ion Ratio Lower Upper

83 100

85 60.8 50.6 76.0





#31

Cyclohexane

Concen: 45.611 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX005769.D

Acq: 02 Nov 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

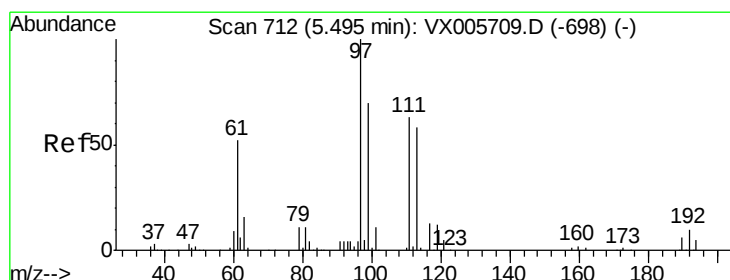
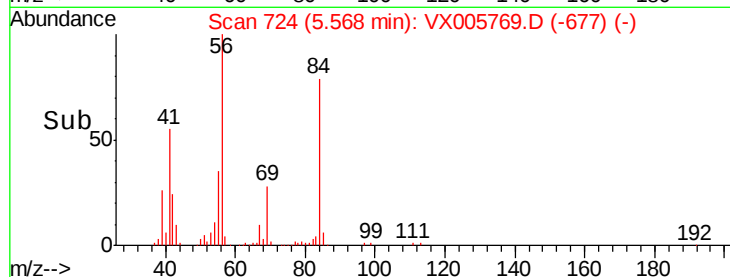
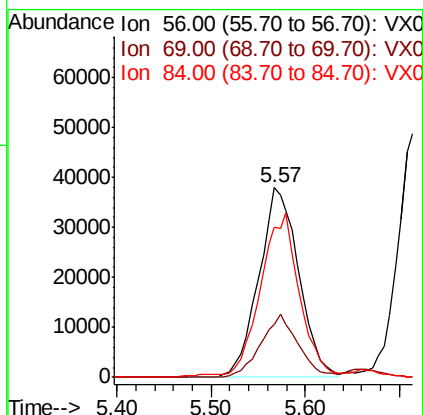
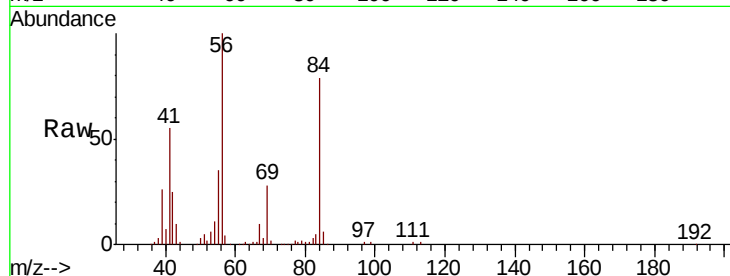
Tot Ion: 56 Resp: 112540

Ion Ratio Lower Upper

56 100

69 27.8 22.6 34.0

84 77.9 62.7 94.1



#32

1,1,1-Trichloroethane

Concen: 47.101 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX005769.D

Acq: 02 Nov 2018 20:58

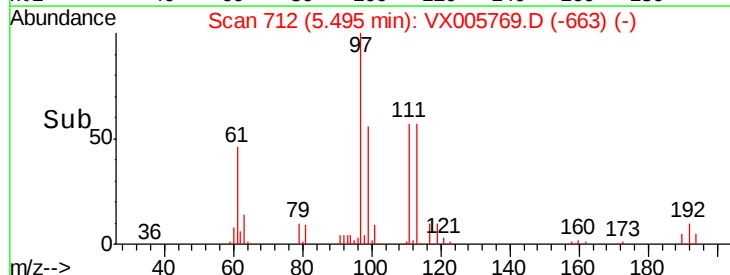
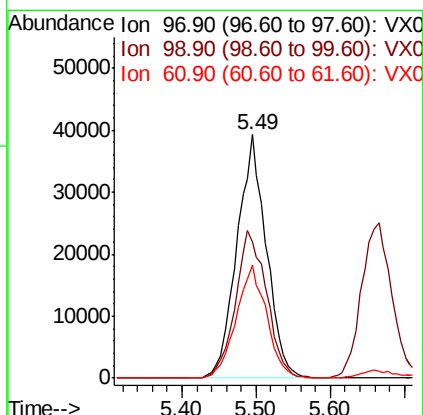
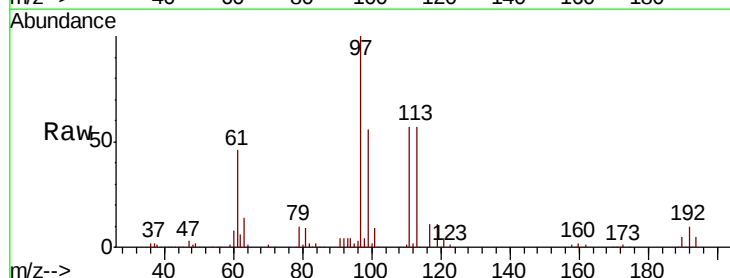
Tgt Ion: 97 Resp: 108744

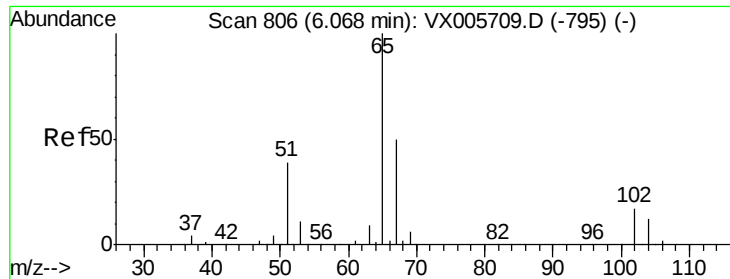
Ion Ratio Lower Upper

97 100

99 64.1 52.3 78.5

61 47.9 35.2 52.8

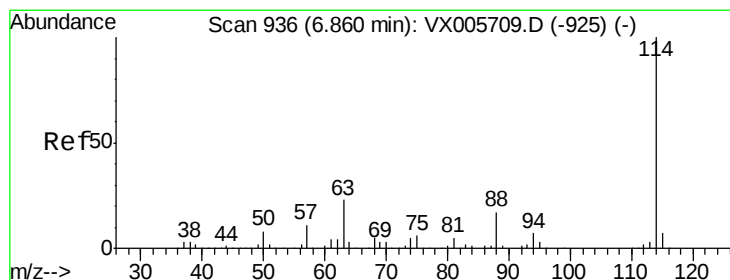
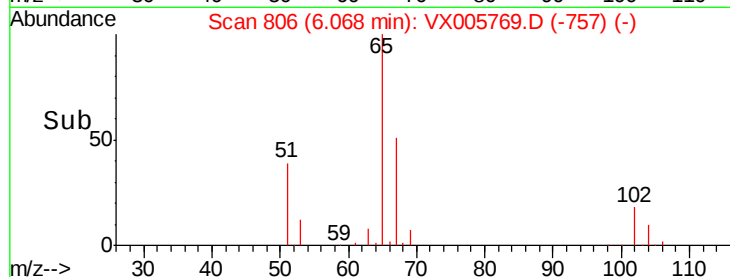
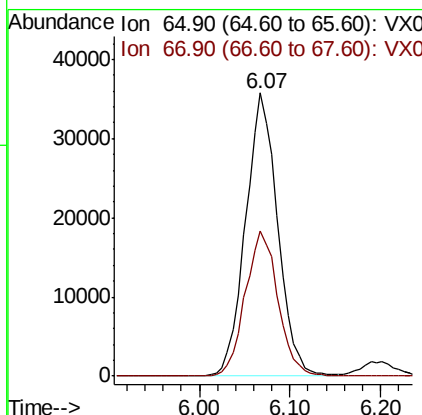
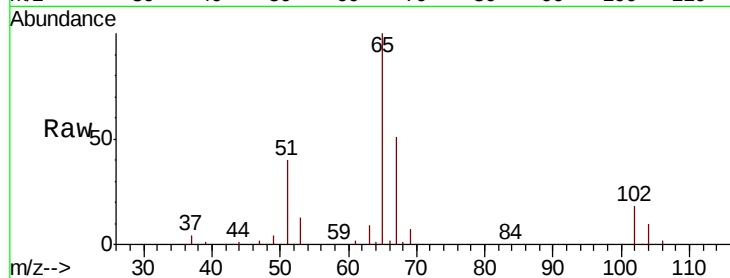




#33
 1,2-Dichloroethane-d4
 Concen: 47.450 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005769.D
 Acq: 02 Nov 2018 20:58

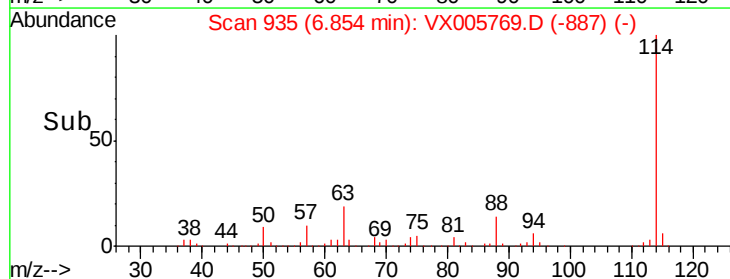
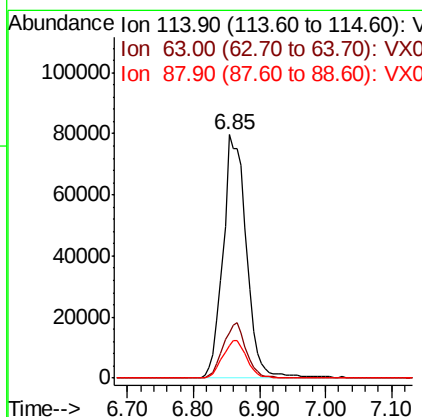
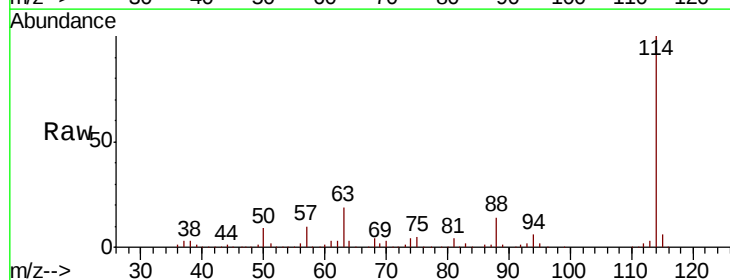
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

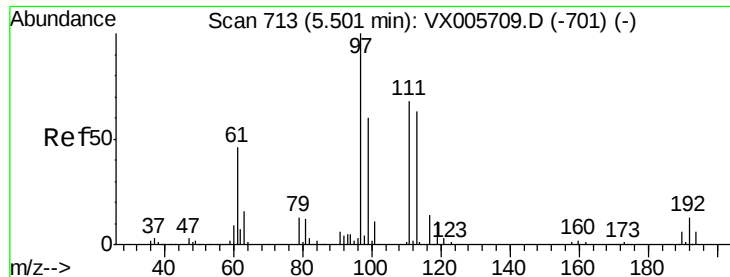
Tot Ion: 65 Resp: 87623
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005769.D
 Acq: 02 Nov 2018 20:58

Tgt Ion: 114 Resp: 196454
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 42.8
 88 13.5 0.0 31.2

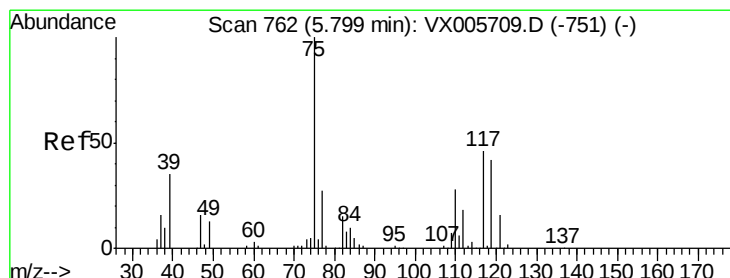
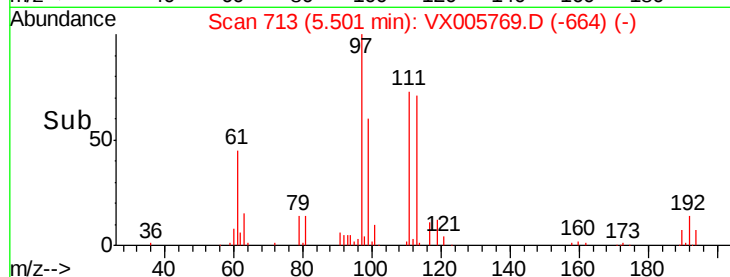
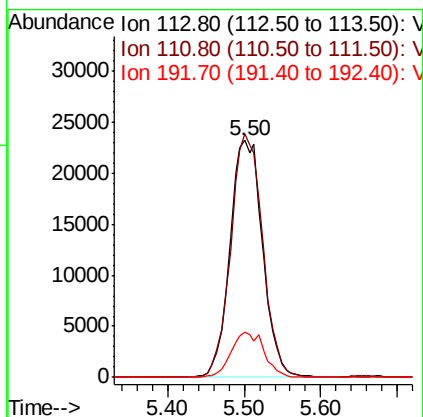
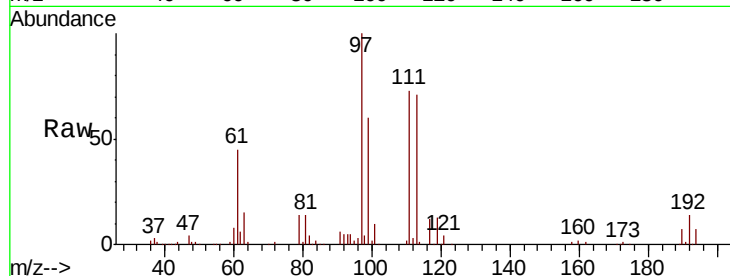




#35
Dibromofluoromethane
Concen: 50.320 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX005769.D
Acq: 02 Nov 2018 20:58

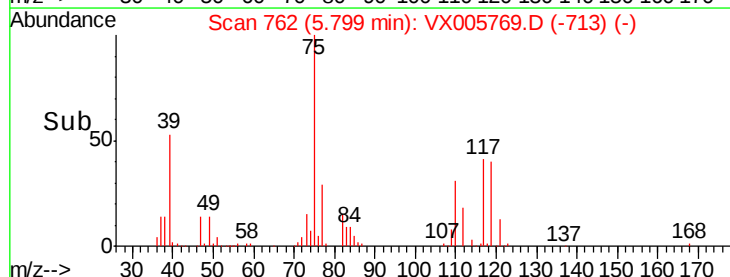
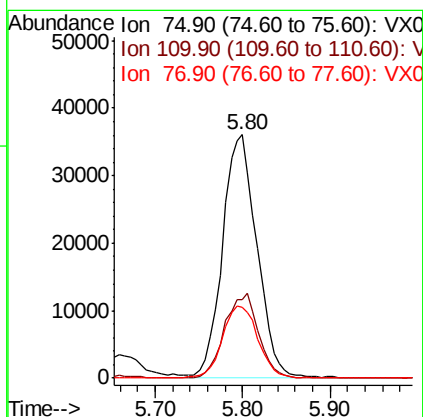
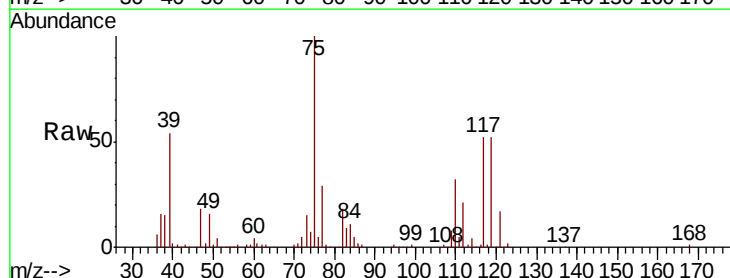
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

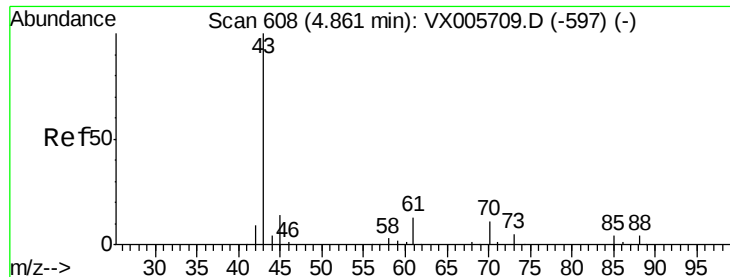
Tot Ion:113 Resp: 68449
Ion Ratio Lower Upper
113 100
111 100.4 82.3 123.5
192 19.1 17.9 26.9



#36
1,1-Dichloropropene
Concen: 46.558 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX005769.D
Acq: 02 Nov 2018 20:58

Tgt Ion: 75 Resp: 97449
Ion Ratio Lower Upper
75 100
110 34.8 17.4 52.2
77 30.4 25.8 38.6

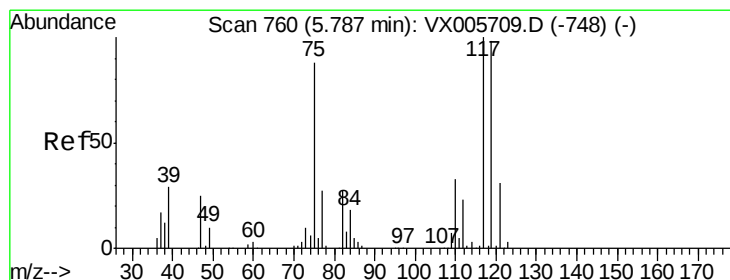
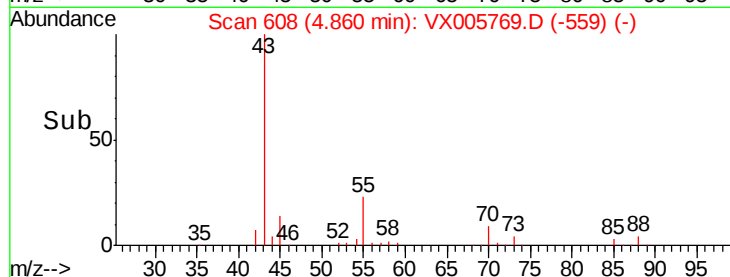
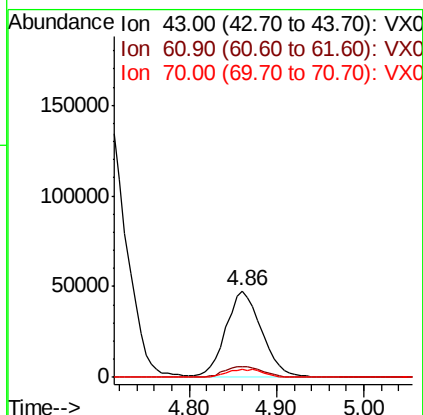
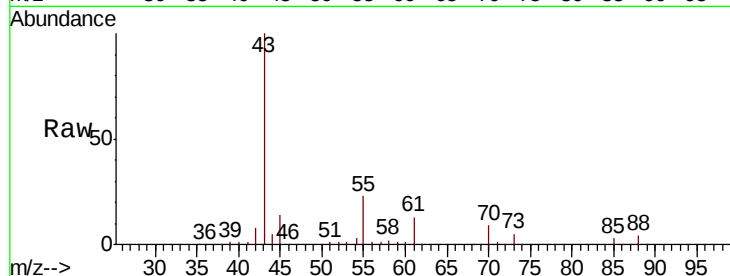




#37
Ethyl Acetate
Concen: 50.335 ug/l
RT: 4.86 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX005769.D
Acq: 02 Nov 2018 20:58

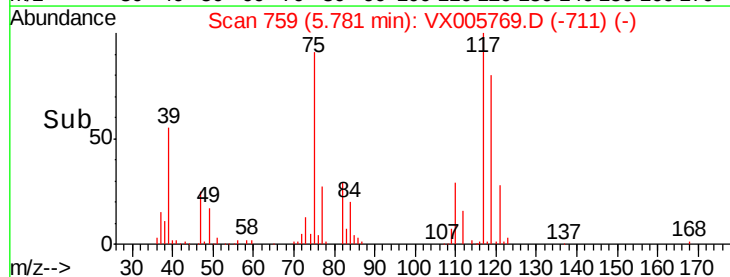
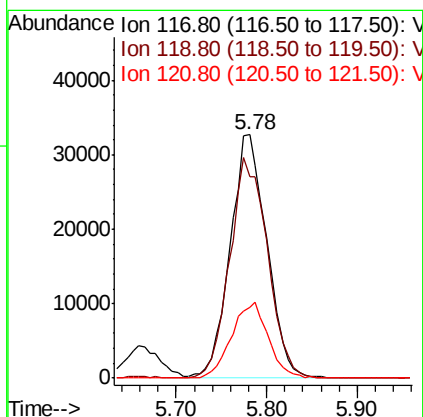
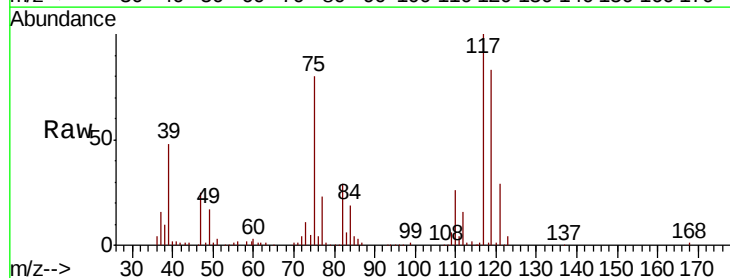
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

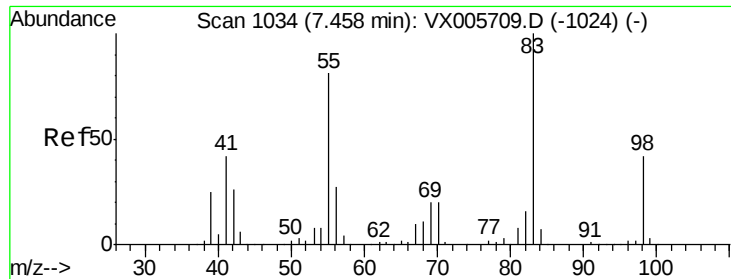
Tot Ion: 43 Resp: 134409
Ion Ratio Lower Upper
43 100
61 14.0 10.8 16.2
70 9.9 7.8 11.8



#38
Carbon Tetrachloride
Concen: 48.408 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX005769.D
Acq: 02 Nov 2018 20:58

Tgt Ion: 117 Resp: 91541
Ion Ratio Lower Upper
117 100
119 82.8 78.1 117.1
121 29.0 24.6 36.8

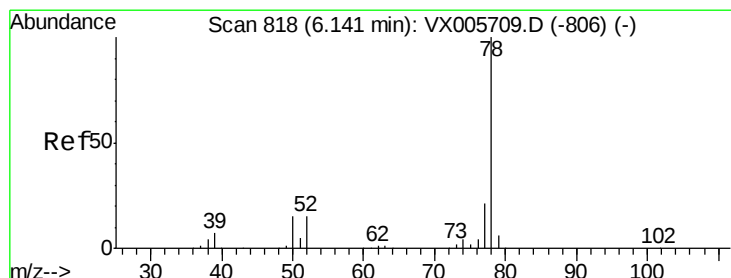
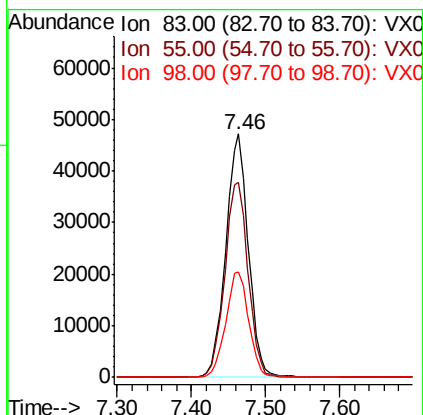
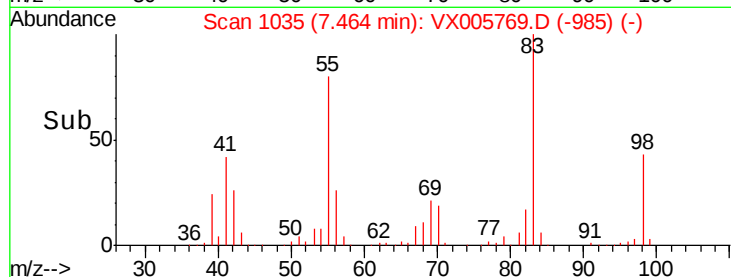
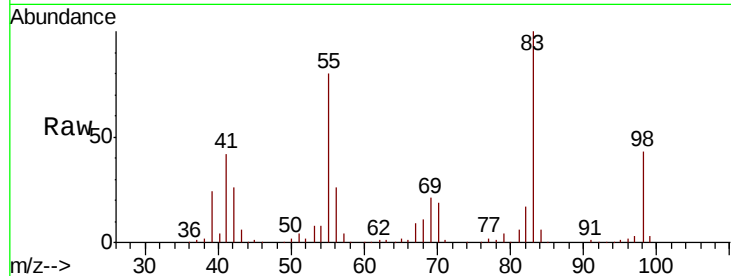




#39
Methvlcvclohexane
Concen: 45.784 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005769.D
Acq: 02 Nov 2018 20:58

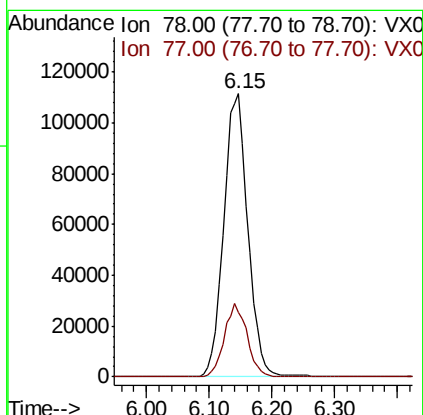
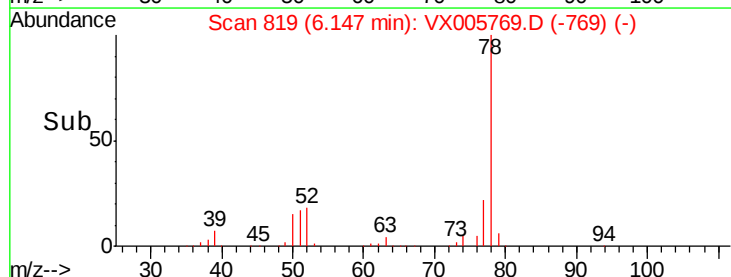
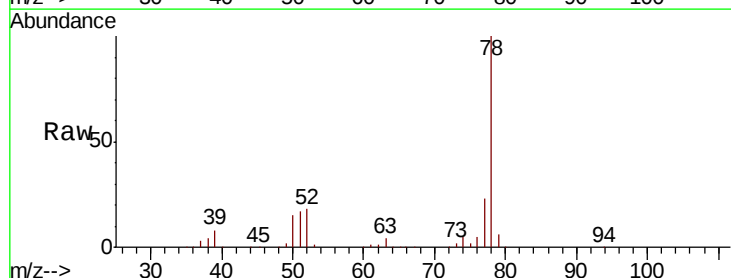
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

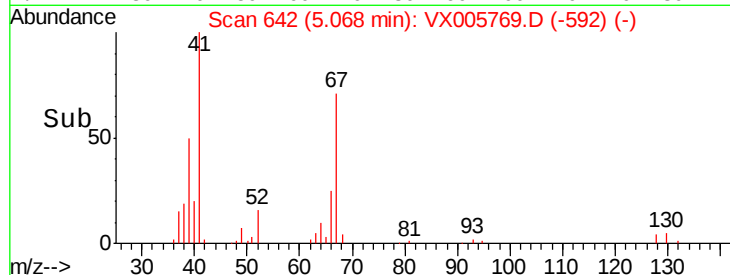
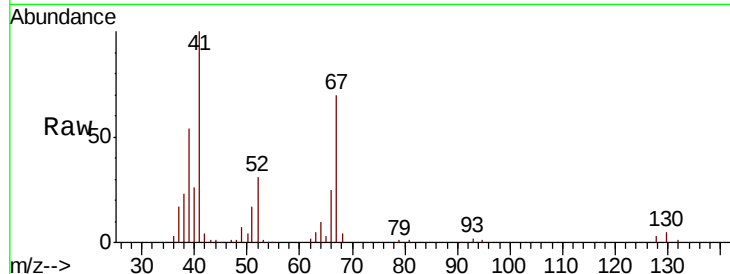
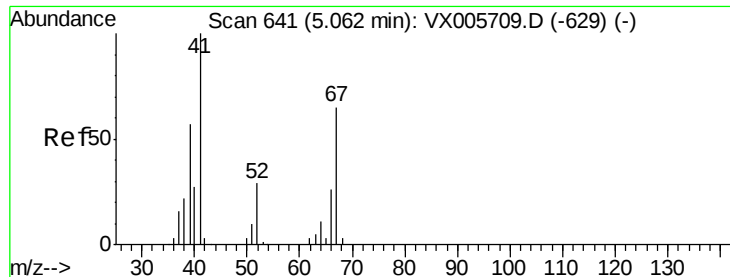
Tot Ion: 83 Resp: 99942
Ion Ratio Lower Upper
83 100
55 80.1 63.7 95.5
98 43.5 36.2 54.2



#40
Benzene
Concen: 47.704 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX005769.D
Acq: 02 Nov 2018 20:58

Tgt Ion: 78 Resp: 297051
Ion Ratio Lower Upper
78 100
77 22.8 18.4 27.6

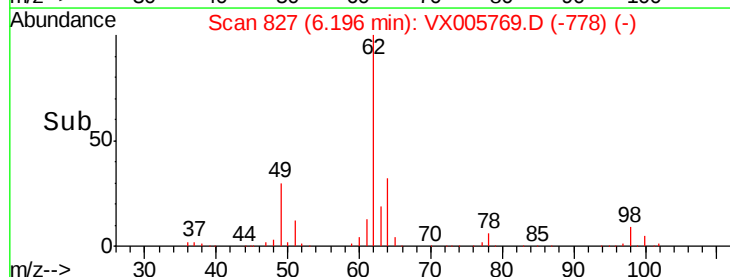
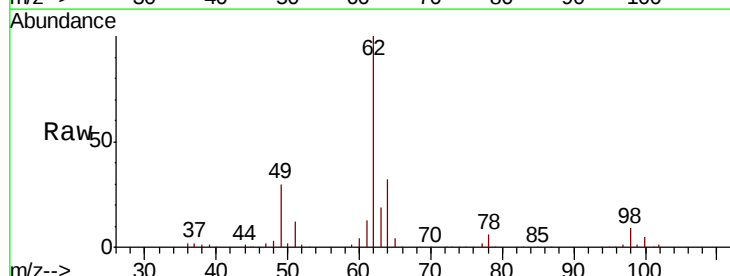
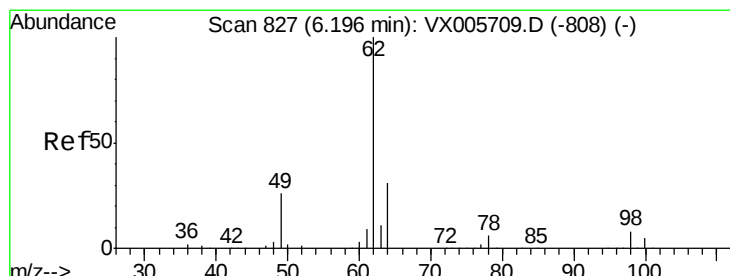
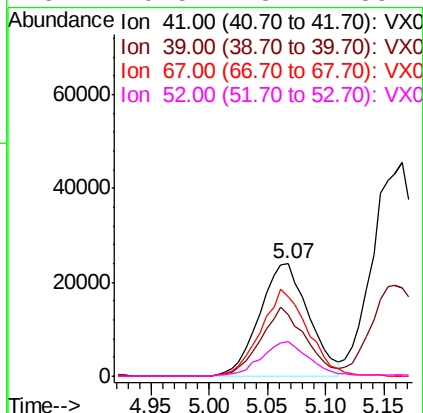




#41
Methacrylonitrile
Concen: 48.893 ug/l
RT: 5.07 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX005769.D
Acq: 02 Nov 2018 20:58

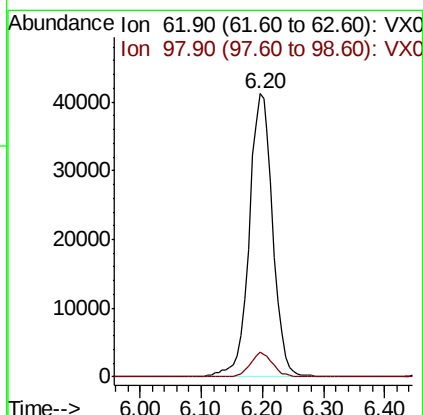
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

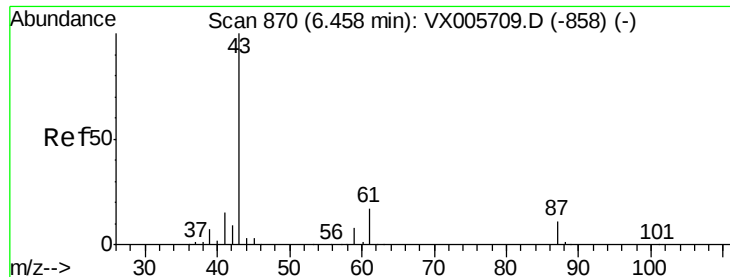
Tot Ion:	41	Resp:	70545
Ion	Ratio	Lower	Upper
41	100		
39	55.9	42.2	63.2
67	73.1	53.4	80.0
52	29.5	23.4	35.2



#42
1,2-Dichloroethane
Concen: 48.236 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005769.D
Acq: 02 Nov 2018 20:58

Tgt Ion:	62	Resp:	111021
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	17.8



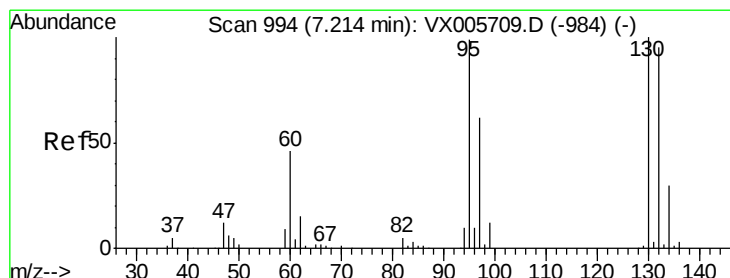
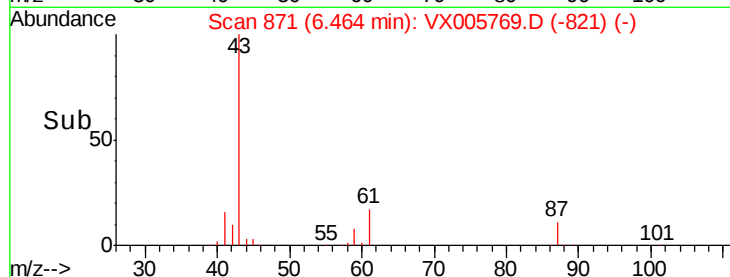
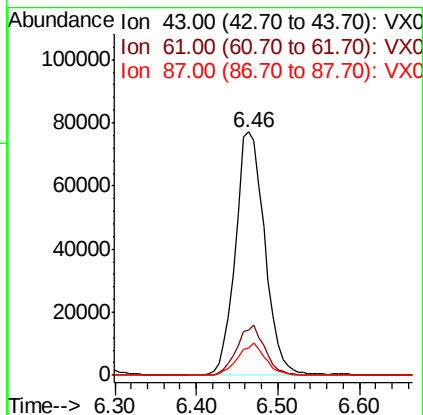
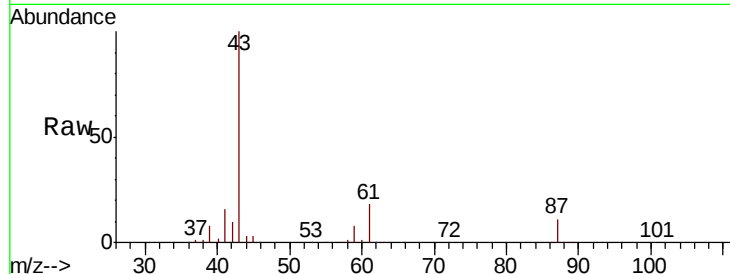


#43

Isopropyl Acetate
 Concen: 49.324 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX005769.D
 Acq: 02 Nov 2018 20:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

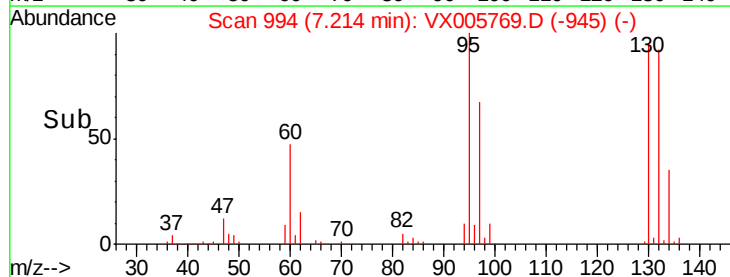
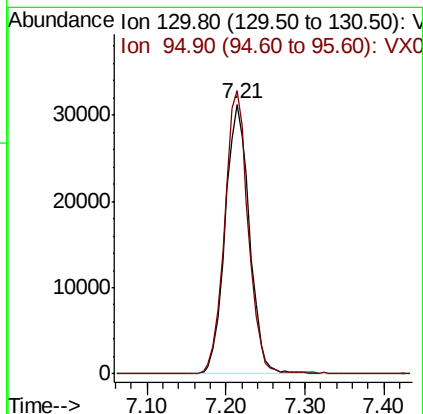
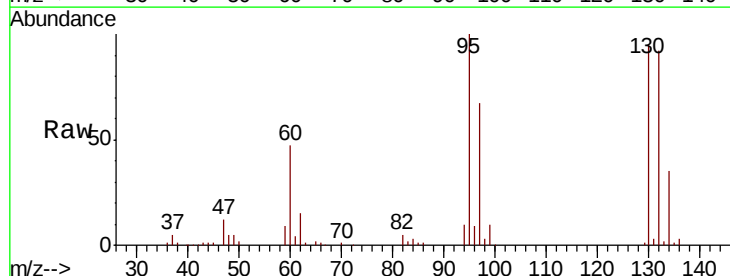
Tot Ion: 43 Resp: 191165
 Ion Ratio Lower Upper
 43 100
 61 19.9 14.6 22.0
 87 12.4 9.6 14.4

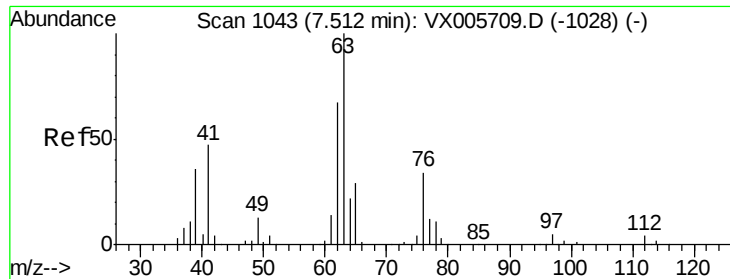


#44

Trichloroethene
 Concen: 46.673 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX005769.D
 Acq: 02 Nov 2018 20:58

Tgt Ion: 130 Resp: 67217
 Ion Ratio Lower Upper
 130 100
 95 105.1 0.0 194.2





#45

1,2-Dichloropropane

Concen: 47.890 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX005769.D

Acq: 02 Nov 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

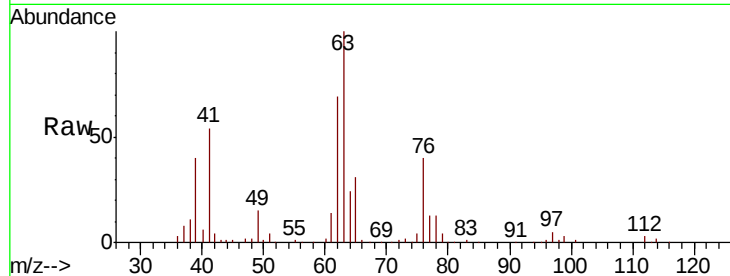
VSTDCCC050EC

Tot Ion: 63 Resp: 76420

Ion Ratio Lower Upper

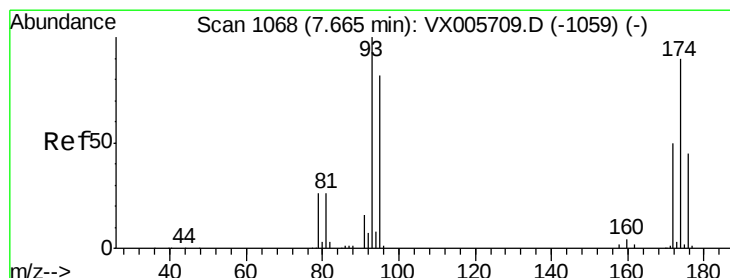
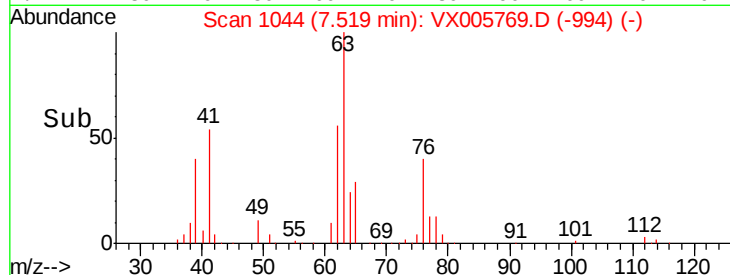
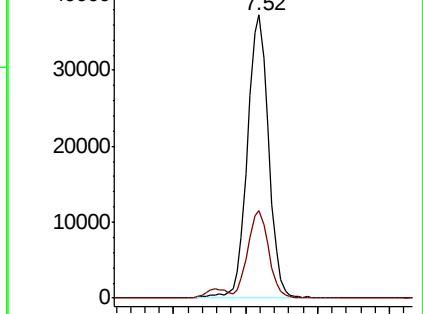
63 100

65 30.7 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 46.537 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX005769.D

Acq: 02 Nov 2018 20:58

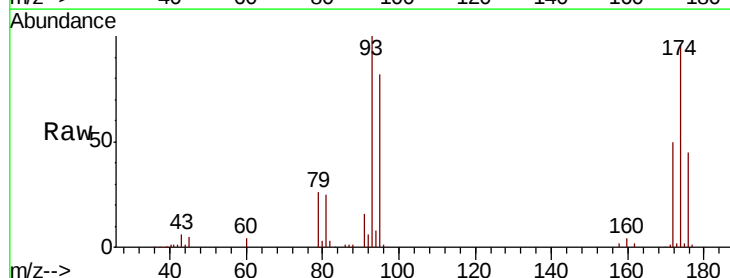
Tgt Ion: 93 Resp: 47459

Ion Ratio Lower Upper

93 100

95 83.4 67.4 101.0

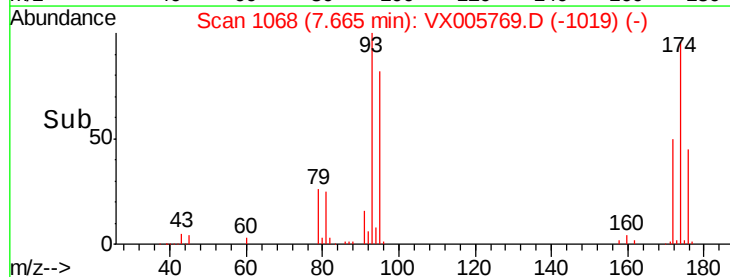
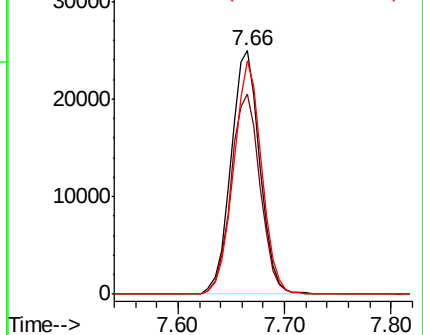
174 93.4 91.5 137.3

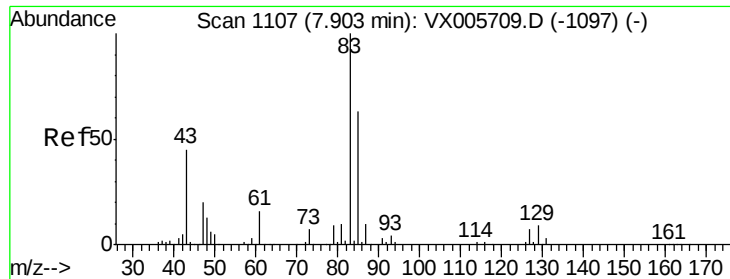


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.544 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX005769.D

Acq: 02 Nov 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

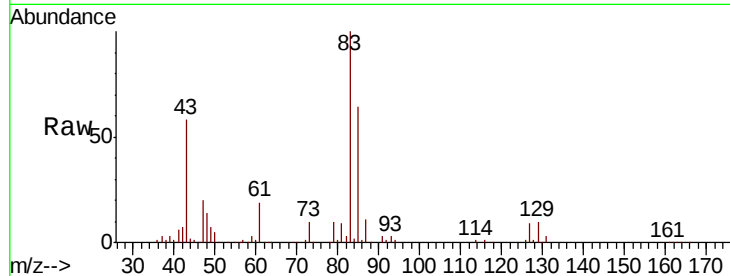
Tot Ion: 83 Resp: 92859

Ion Ratio Lower Upper

83 100

85 63.9 50.2 75.4

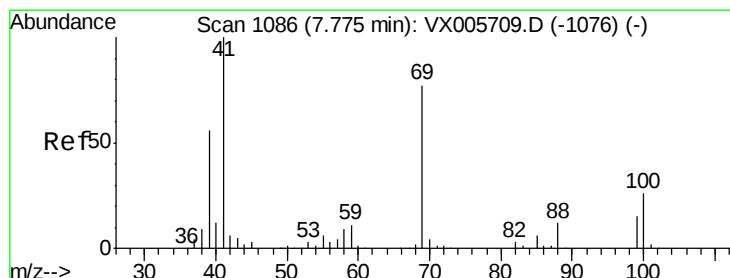
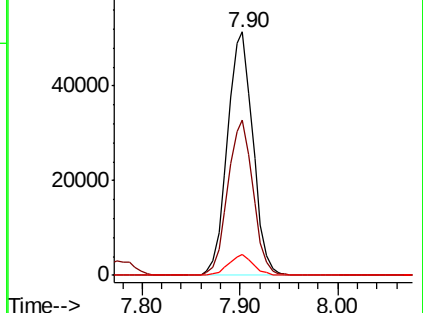
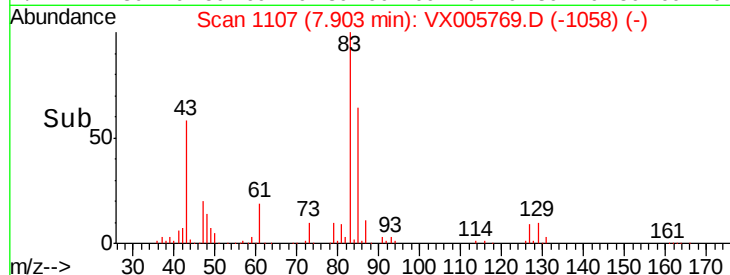
127 8.7 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.446 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.01 min

Lab File: VX005769.D

Acq: 02 Nov 2018 20:58

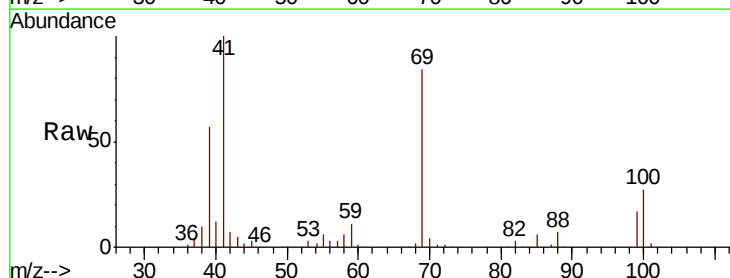
Tgt Ion: 41 Resp: 94628

Ion Ratio Lower Upper

41 100

69 84.3 63.2 94.8

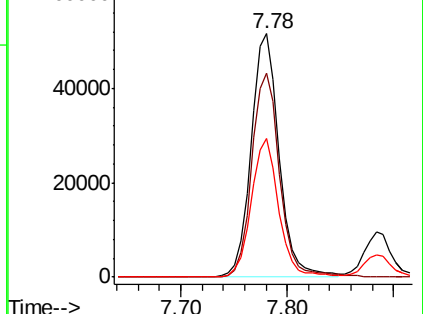
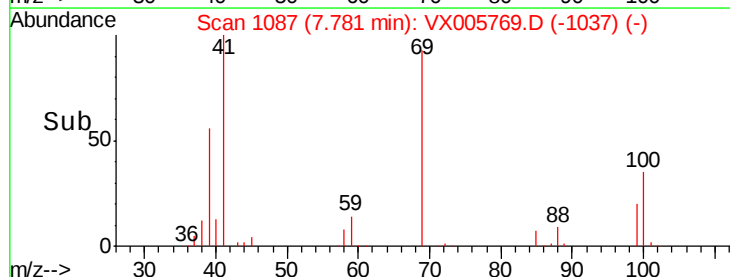
39 55.8 42.2 63.2

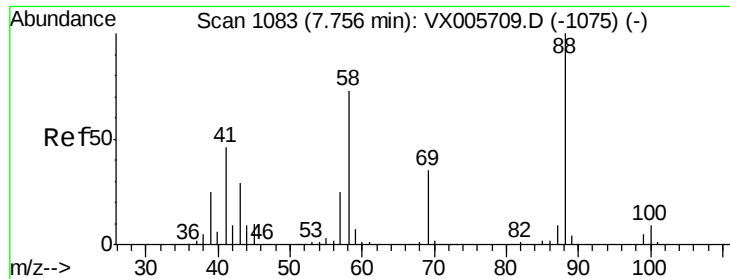


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

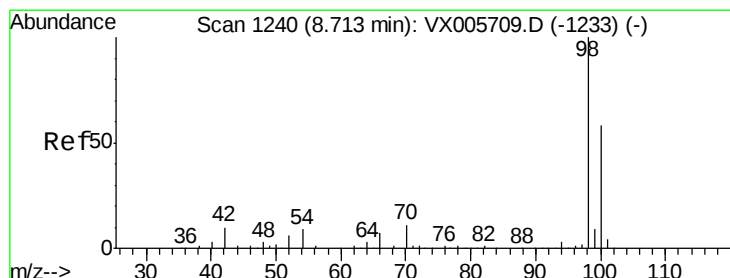
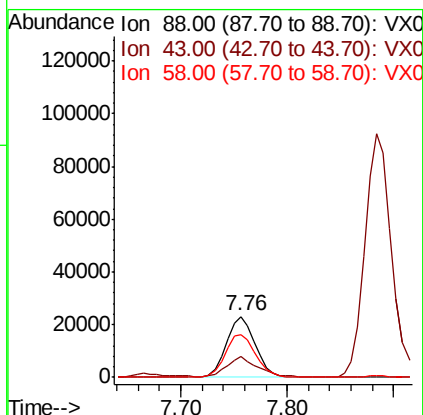
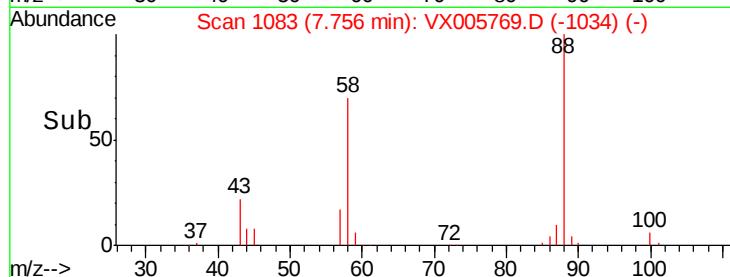
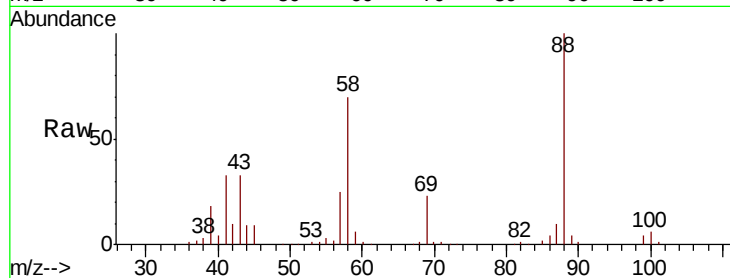




#49
1,4-Dioxane
Concen: 1043.724 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005769.D
Acq: 02 Nov 2018 20:58

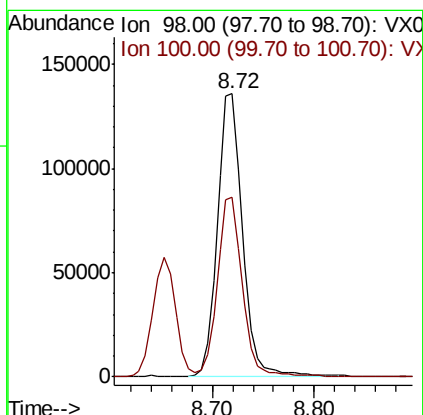
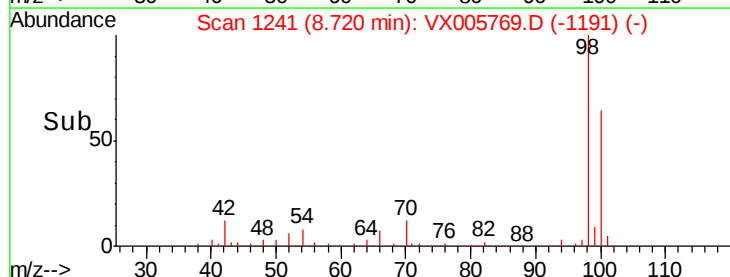
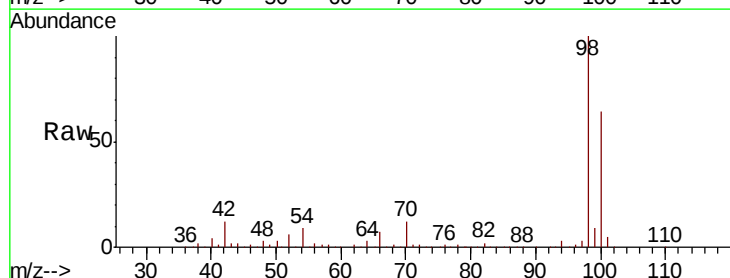
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

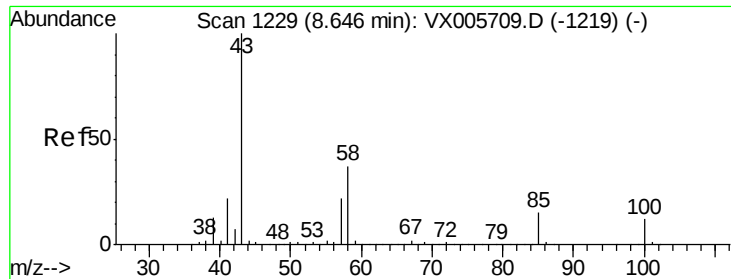
Tot Ion: 88 Resp: 43597
Ion Ratio Lower Upper
88 100
43 35.2 27.4 41.0
58 75.1 59.4 89.2



#50
Toluene-d8
Concen: 48.978 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX005769.D
Acq: 02 Nov 2018 20:58

Tgt Ion: 98 Resp: 233669
Ion Ratio Lower Upper
98 100
100 63.8 51.3 76.9





#51

4-Methyl-2-Pentanone

Concen: 259.647 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.01 min

Lab File: VX005769.D

Acq: 02 Nov 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

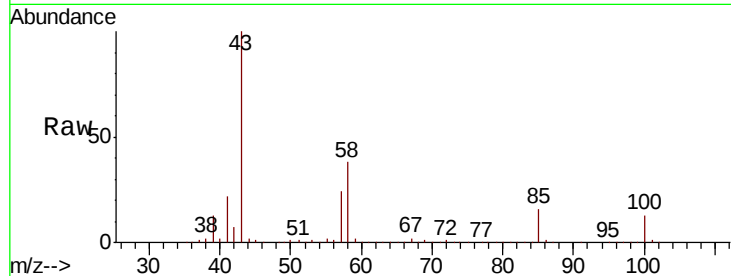
VSTDCCC050EC

Tot Ion: 43 Resp: 686175

Ion Ratio Lower Upper

43 100

58 38.5 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

400000

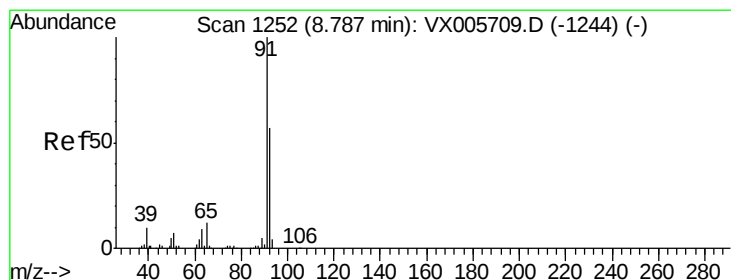
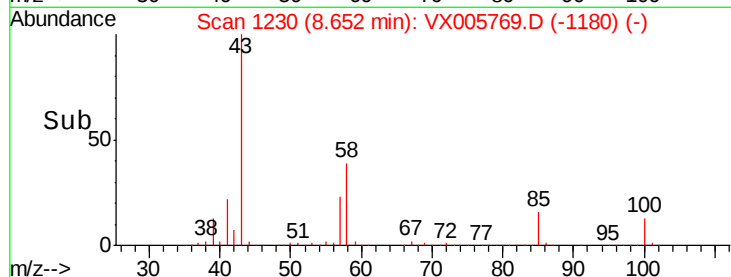
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 48.955 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005769.D

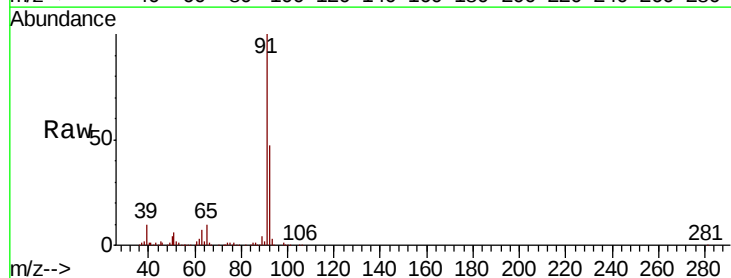
Acq: 02 Nov 2018 20:58

Tgt Ion: 92 Resp: 164885

Ion Ratio Lower Upper

92 100

91 191.9 140.4 210.6



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

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

250000

200000

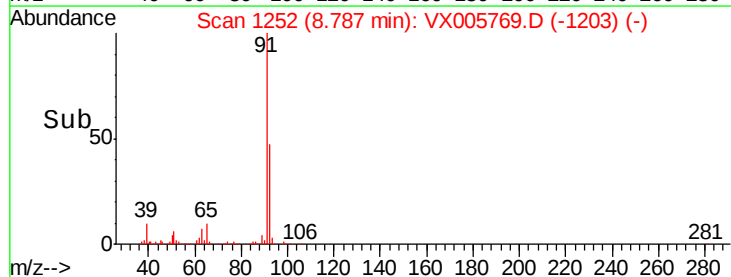
150000

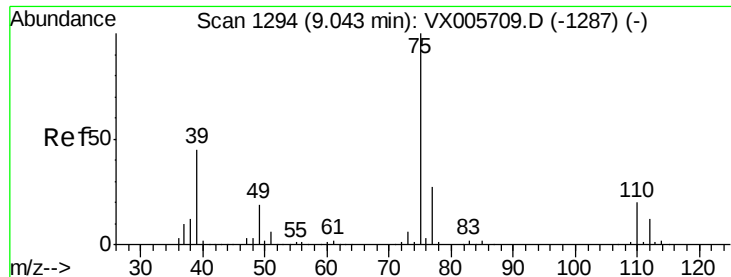
100000

50000

0

Time-->

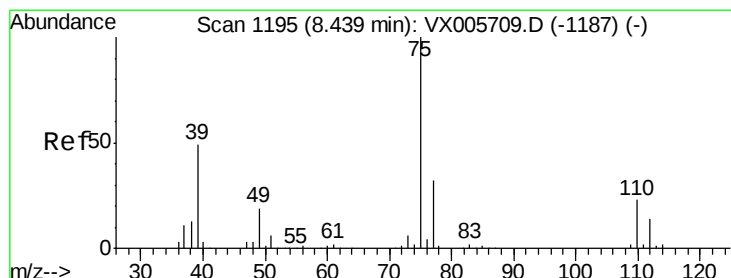
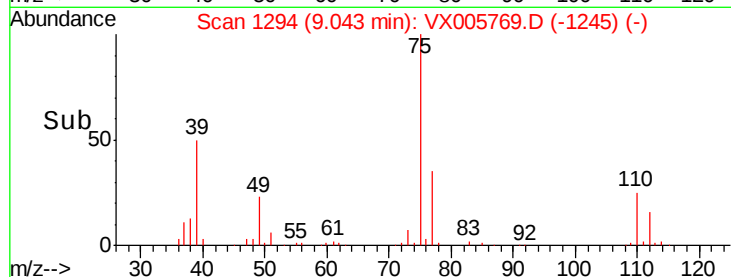
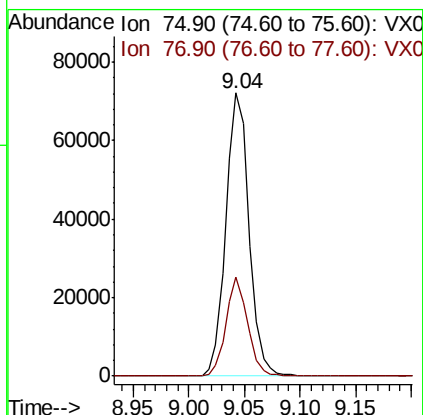
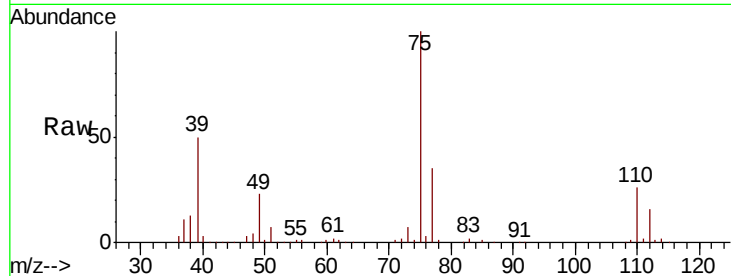




#53
 t-1,3-Dichloropropene
 Concen: 50.257 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX005769.D
 Acq: 02 Nov 2018 20:58

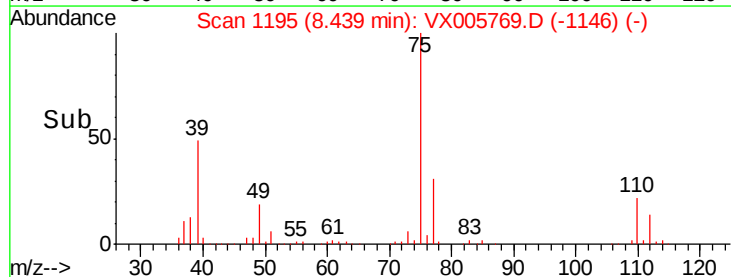
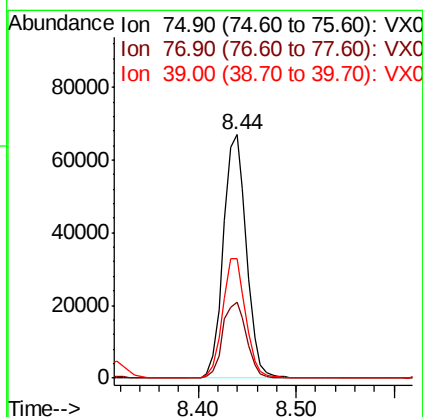
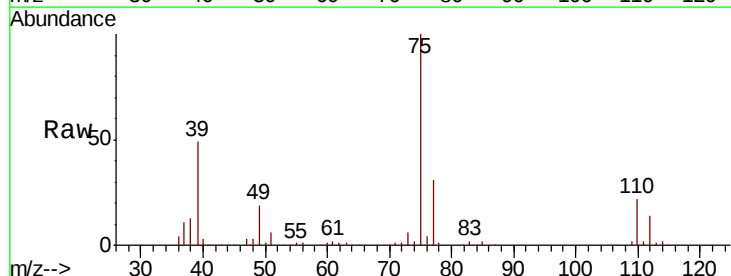
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

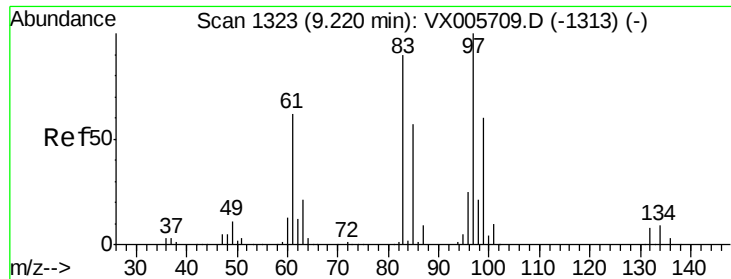
Tot Ion: 75 Resp: 104185
 Ion Ratio Lower Upper
 75 100
 77 35.2 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 49.239 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: VX005769.D
 Acq: 02 Nov 2018 20:58

Tgt Ion: 75 Resp: 109362
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.2 37.8
 39 48.7 38.2 57.2



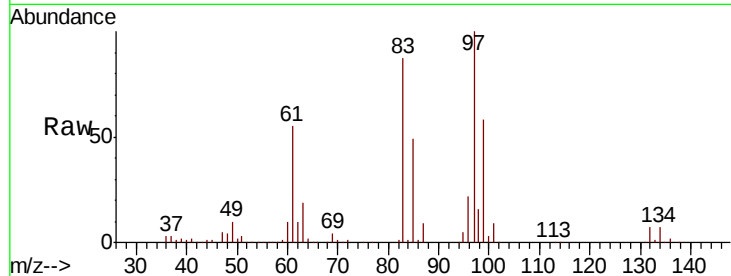


#55
 1,1,2-Trichloroethane
 Concen: 54.365 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: VX005769.D
 Acq: 02 Nov 2018 20:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 79520

Ion	Ratio	Lower	Upper
97	100		
83	87.1	70.7	106.1
85	49.3	45.8	68.6
99	58.2	51.8	77.8



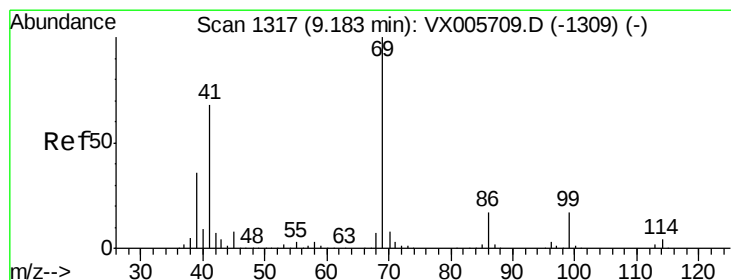
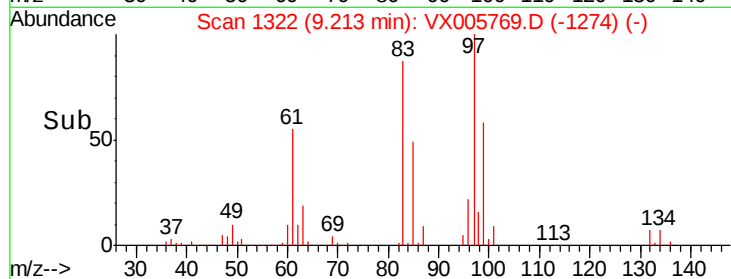
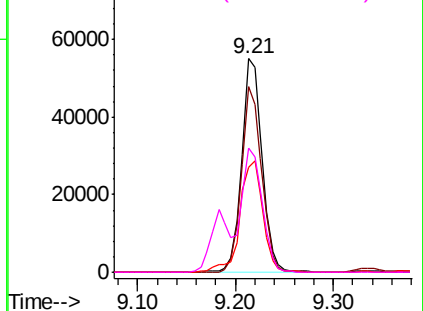
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

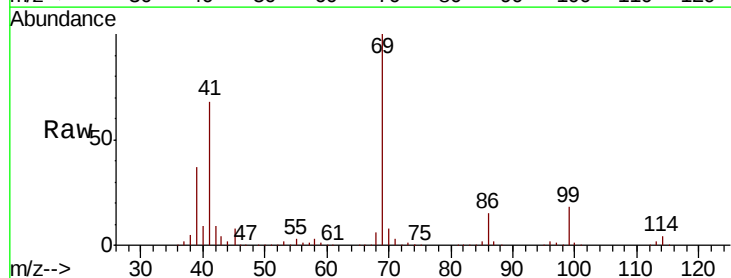
Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 48.151 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005769.D
 Acq: 02 Nov 2018 20:58

Tgt Ion: 69 Resp: 119315

Ion	Ratio	Lower	Upper
69	100		
41	69.4	57.0	85.6
39	37.0	28.3	42.5

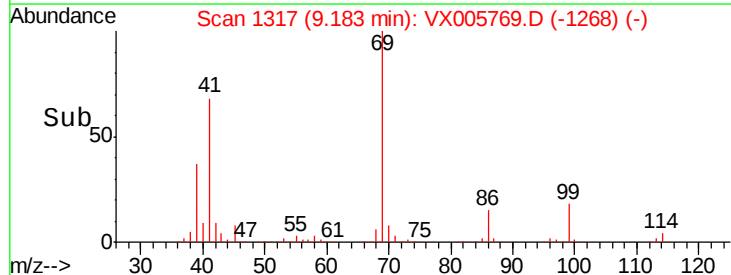
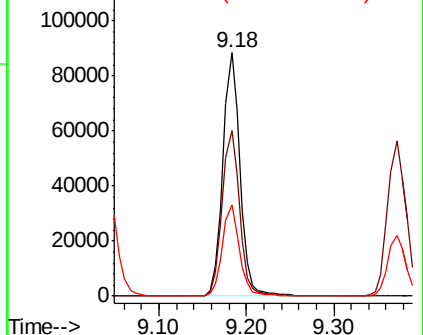


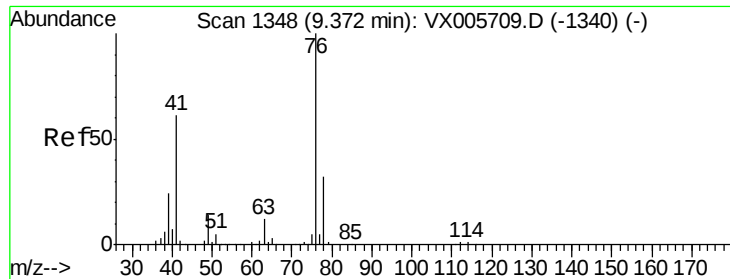
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 55.488 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005769.D

Acq: 02 Nov 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

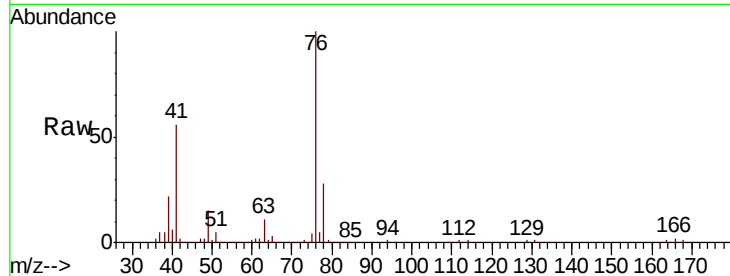
VSTDCCC050EC

Tot Ion: 76 Resp: 139417

Ion Ratio Lower Upper

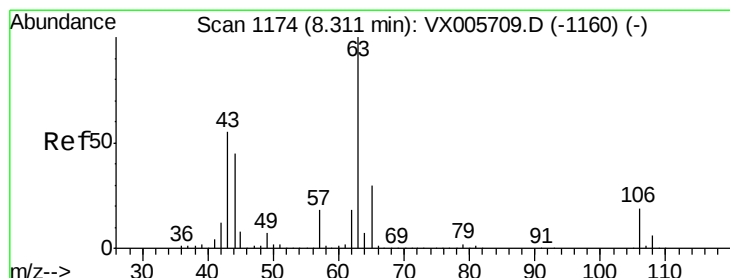
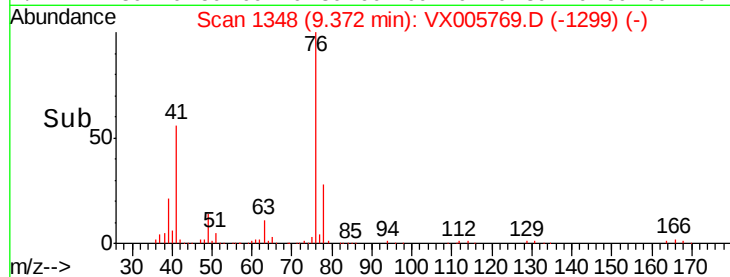
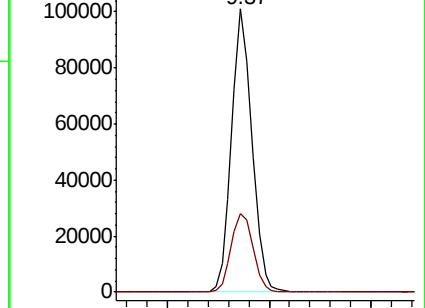
76 100

78 30.2 25.3 37.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 239.976 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.01 min

Lab File: VX005769.D

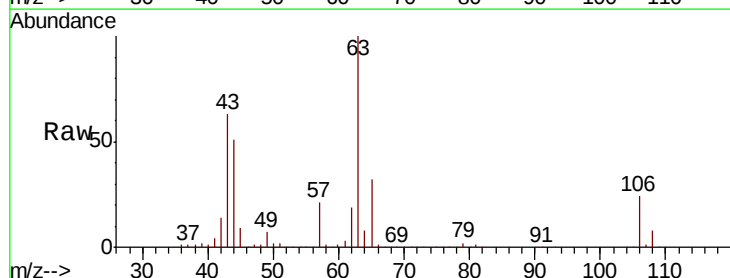
Acq: 02 Nov 2018 20:58

Tgt Ion: 63 Resp: 337804

Ion Ratio Lower Upper

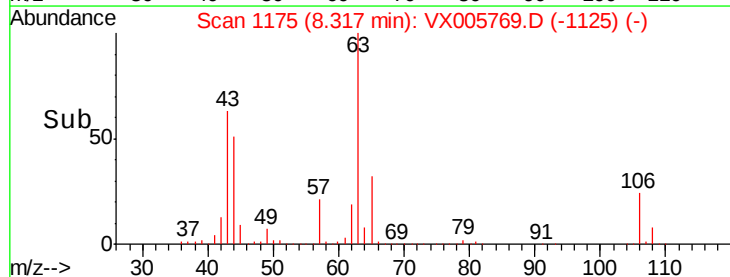
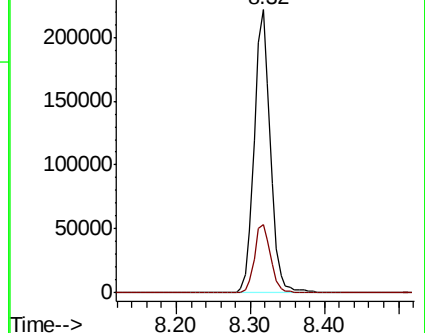
63 100

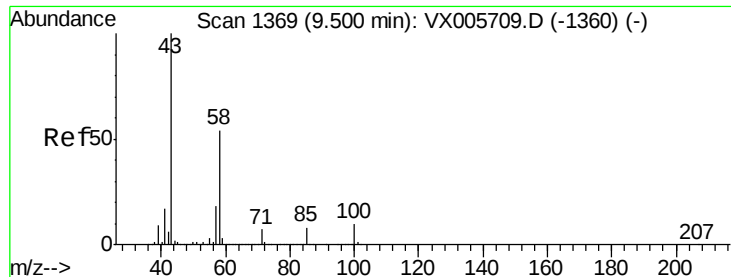
106 24.5 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

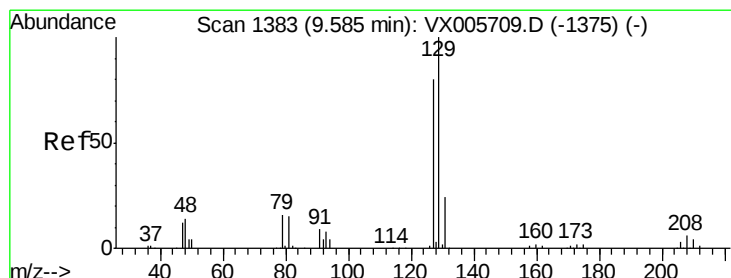
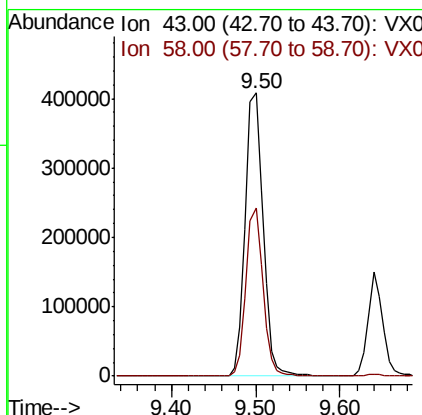
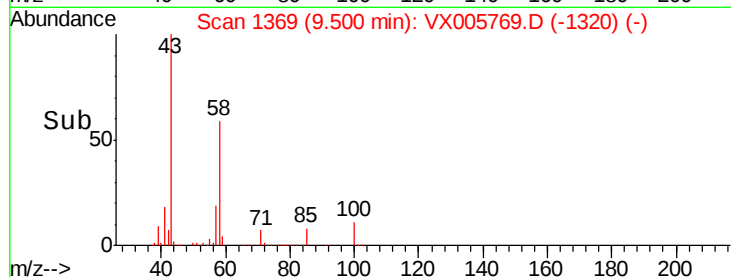
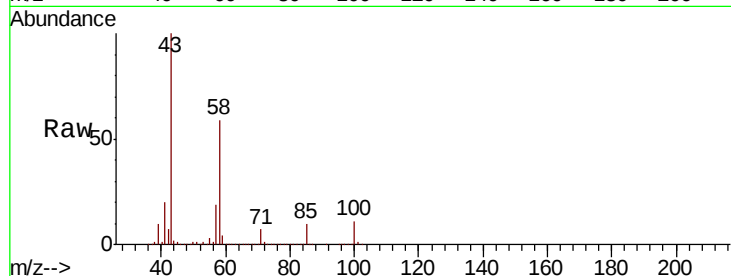




#59
2-Hexanone
Concen: 268.630 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005769.D
Acq: 02 Nov 2018 20:58

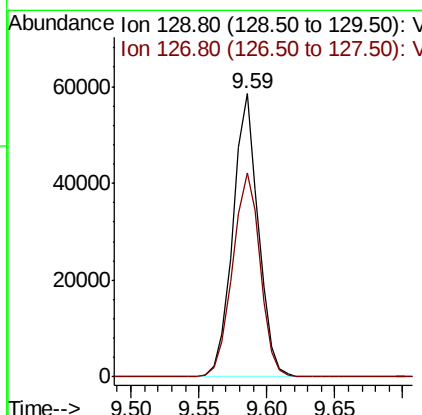
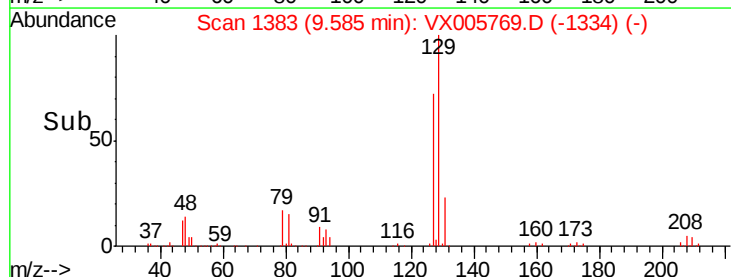
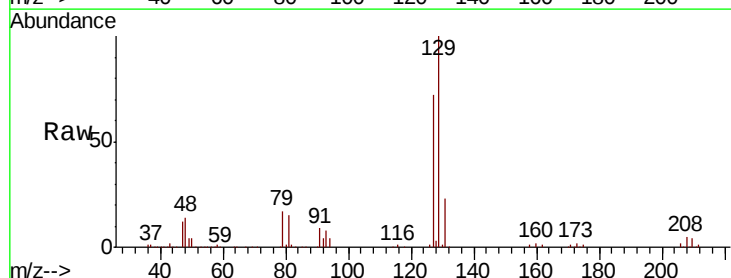
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

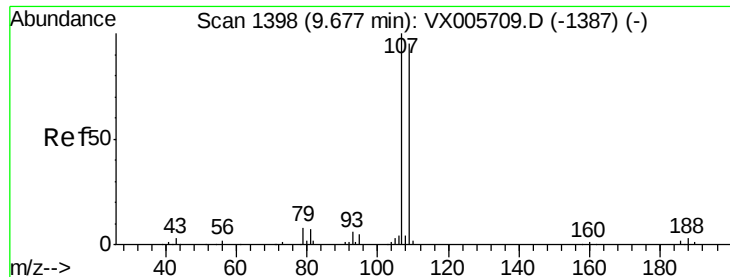
Tot Ion: 43 Resp: 577729
Ion Ratio Lower Upper
43 100
58 56.7 25.9 77.8



#60
Dibromochloromethane
Concen: 53.827 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005769.D
Acq: 02 Nov 2018 20:58

Tgt Ion:129 Resp: 76080
Ion Ratio Lower Upper
129 100
127 78.0 38.9 116.7





#61

1,2-Dibromoethane

Concen: 51.542 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. -0.00 min

Lab File: VX005769.D

Acq: 02 Nov 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

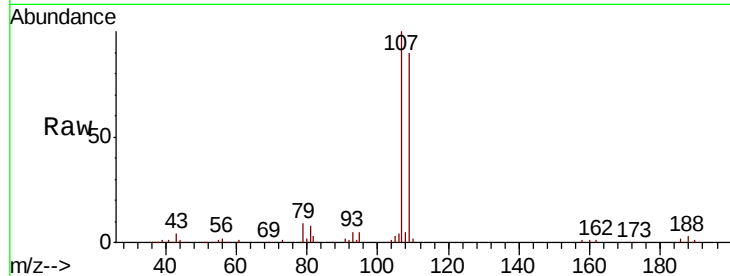
VSTDCCC050EC

Tot Ion: 107 Resp: 76821

Ion Ratio Lower Upper

107 100

109 94.0 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

60000

50000

40000

30000

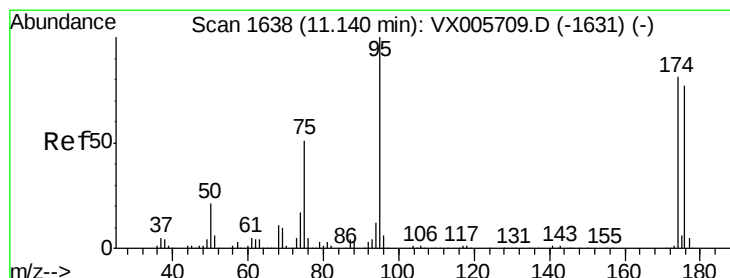
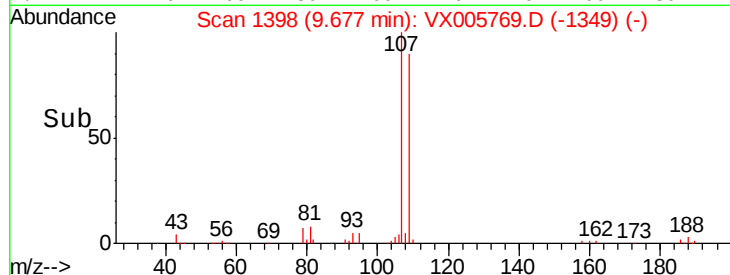
20000

10000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 49.472 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005769.D

Acq: 02 Nov 2018 20:58

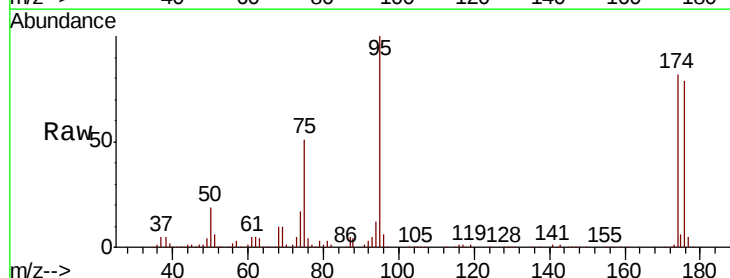
Tgt Ion: 95 Resp: 87110

Ion Ratio Lower Upper

95 100

174 79.3 0.0 184.4

176 75.4 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

11.14

80000

60000

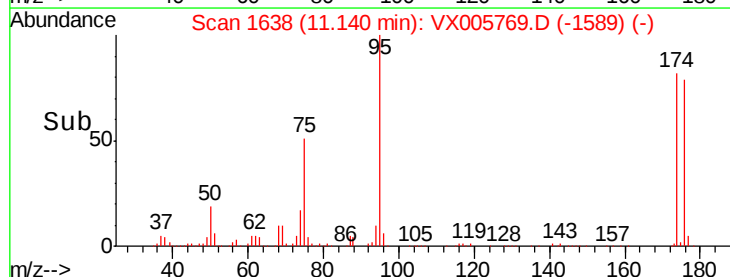
40000

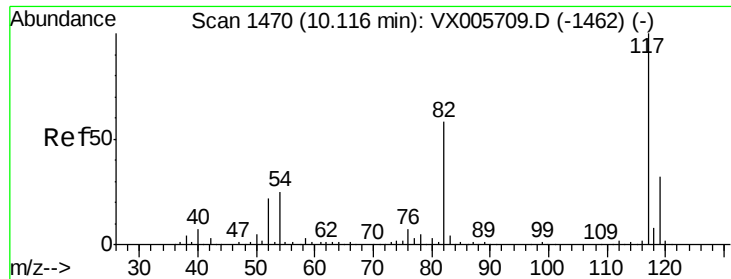
20000

0

Time-->

11.10 11.20

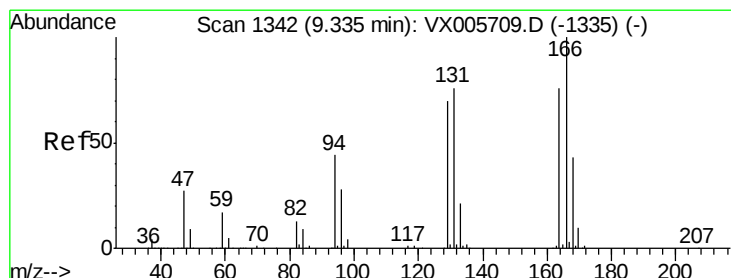
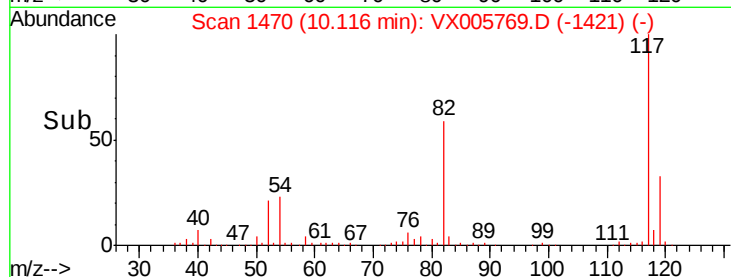
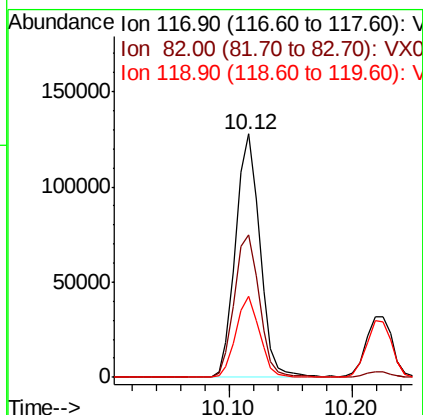
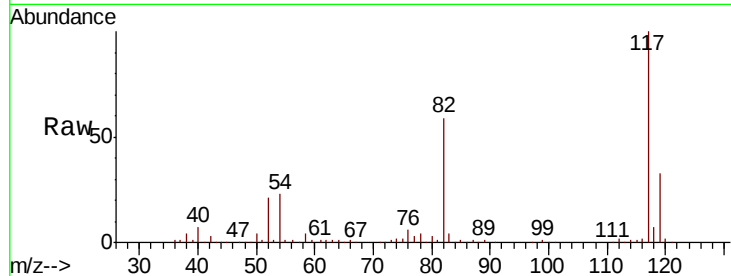




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005769.D
Acq: 02 Nov 2018 20:58

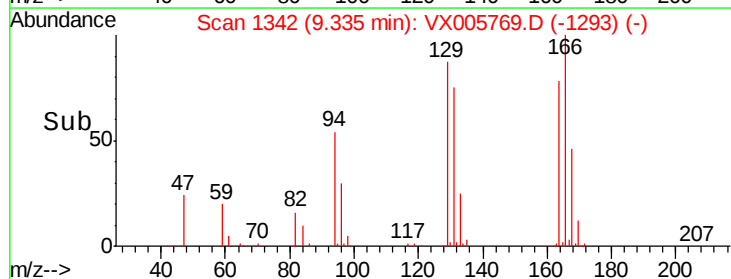
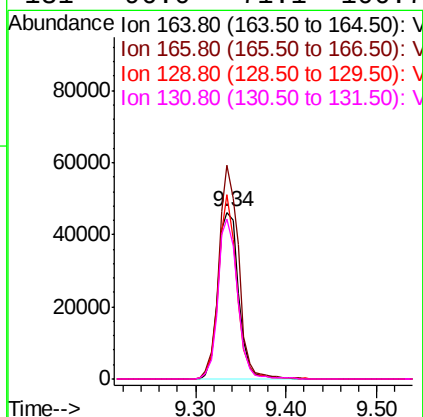
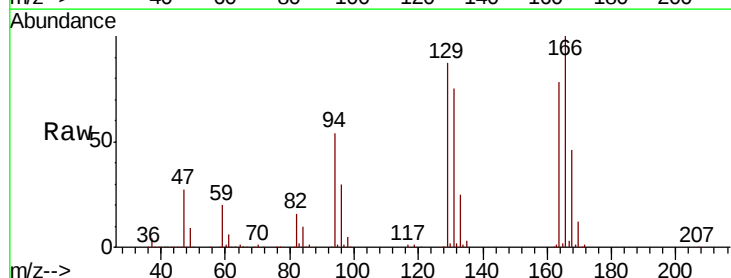
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

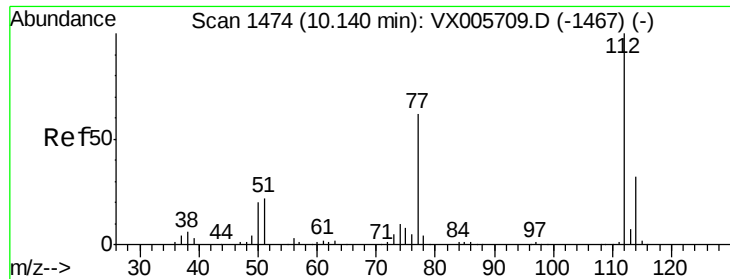
Tot Ion:117 Resp: 176589
Ion Ratio Lower Upper
117 100
82 58.6 44.1 66.1
119 33.0 26.2 39.2



#64
Tetrachloroethene
Concen: 57.523 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005769.D
Acq: 02 Nov 2018 20:58

Tgt Ion:164 Resp: 74212
Ion Ratio Lower Upper
164 100
166 128.3 101.9 152.9
129 111.1 72.6 109.0#
131 96.0 71.1 106.7

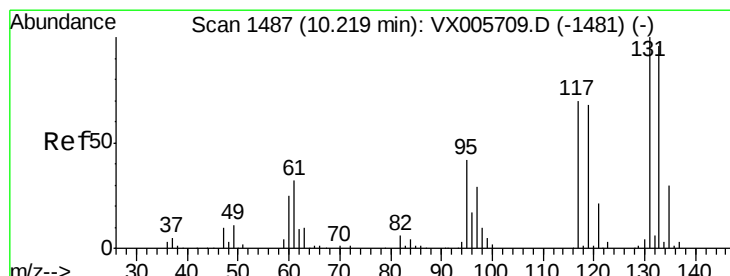
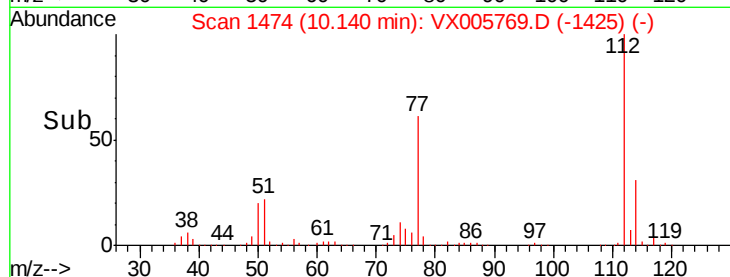
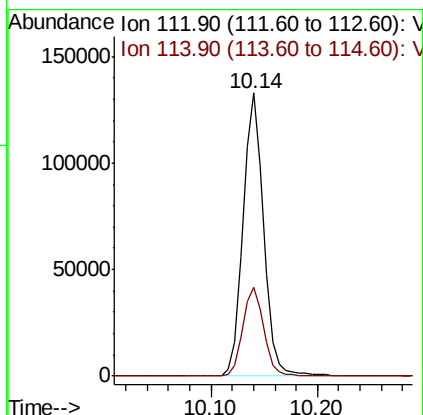
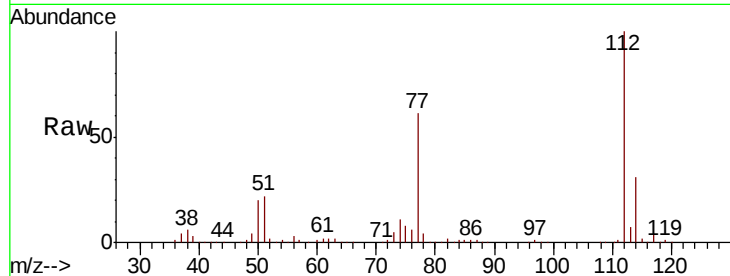




#65
Chlorobenzene
Concen: 48.206 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005769.D
Acq: 02 Nov 2018 20:58

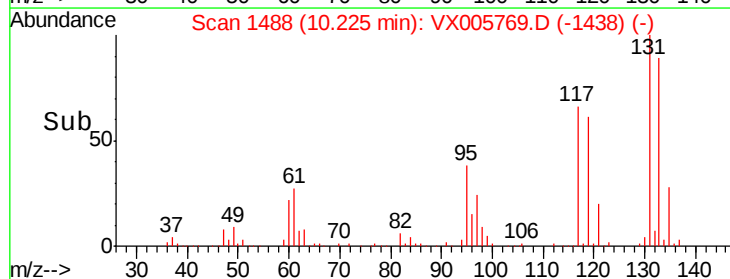
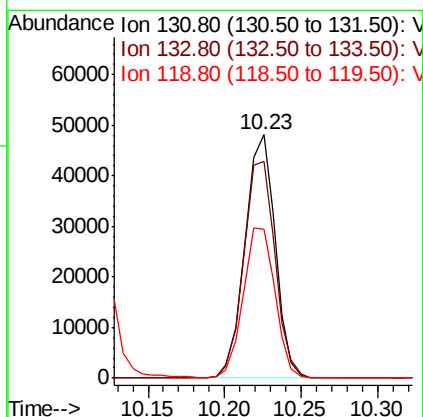
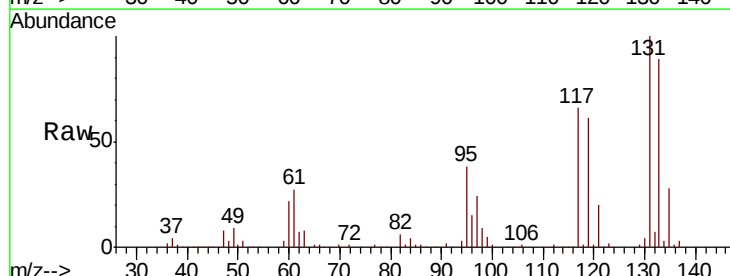
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

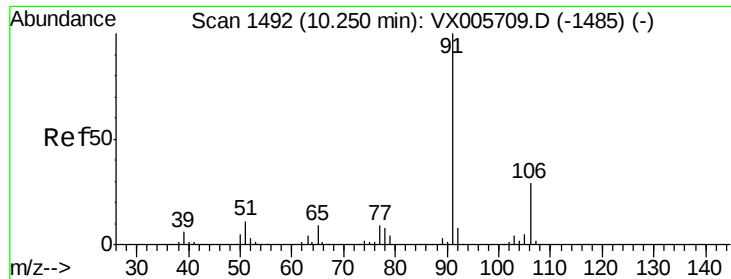
Tot Ion:112 Resp: 180892
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.318 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VX005769.D
Acq: 02 Nov 2018 20:58

Tgt Ion:131 Resp: 65924
Ion Ratio Lower Upper
131 100
133 92.9 47.5 142.5
119 65.2 31.8 95.3

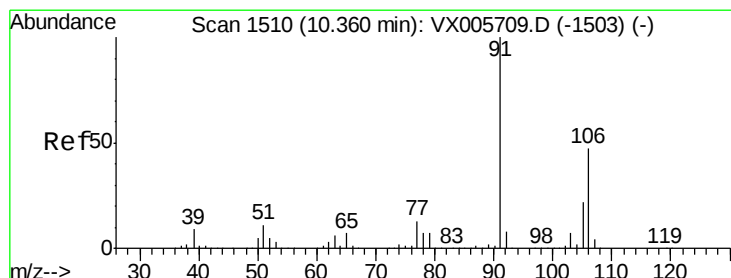
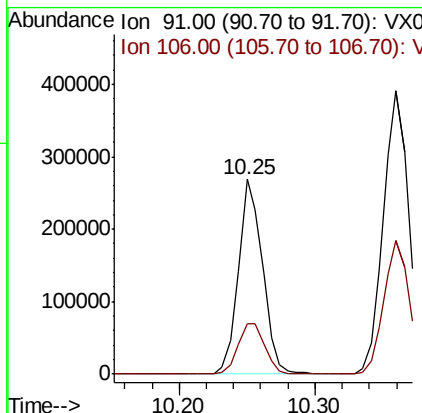
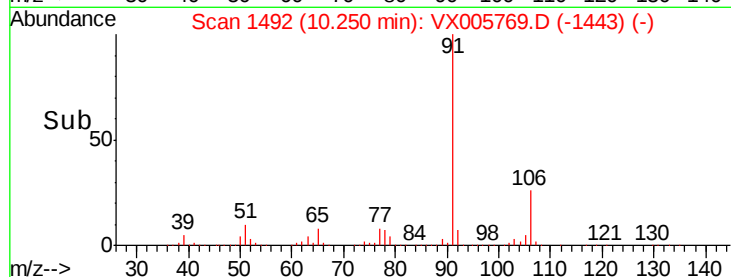
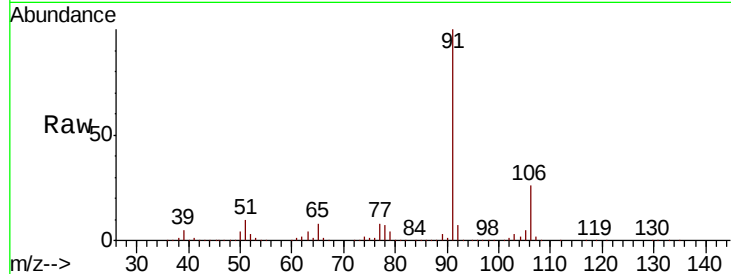




#67
Ethyl Benzene
Concen: 52.011 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX005769.D
Acq: 02 Nov 2018 20:58

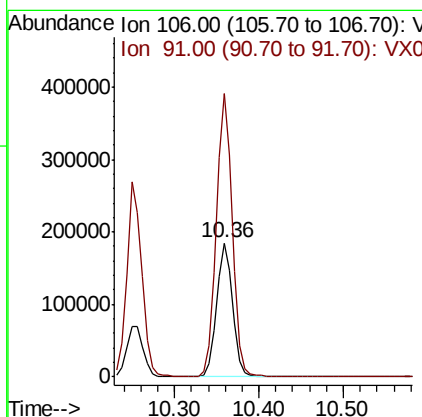
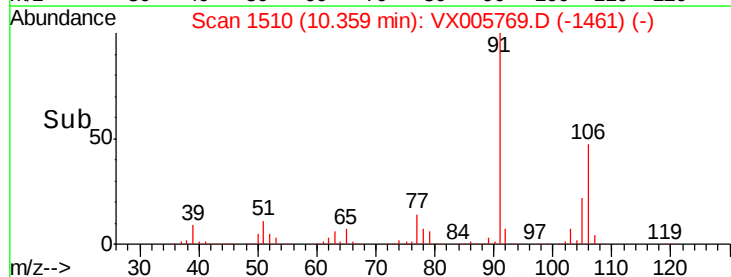
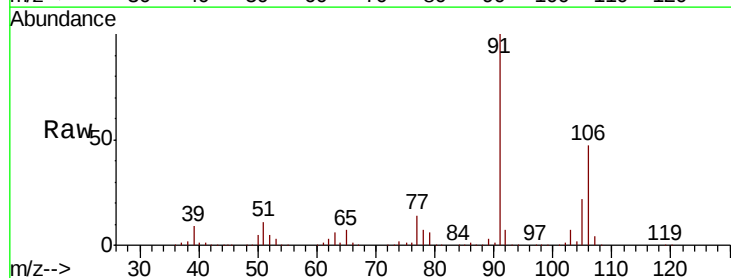
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

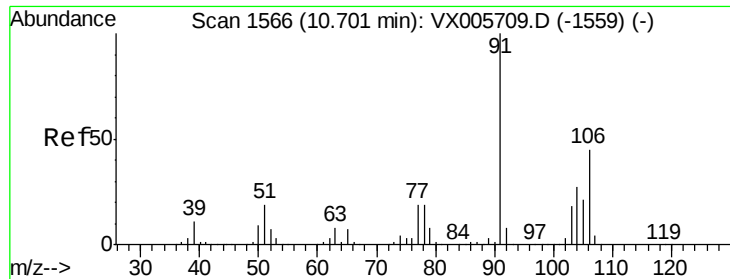
Tot Ion: 91 Resp: 333096
Ion Ratio Lower Upper
91 100
106 25.8 24.4 36.6



#68
m/p-Xylenes
Concen: 102.330 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005769.D
Acq: 02 Nov 2018 20:58

Tgt Ion: 106 Resp: 243520
Ion Ratio Lower Upper
106 100
91 211.7 164.2 246.4

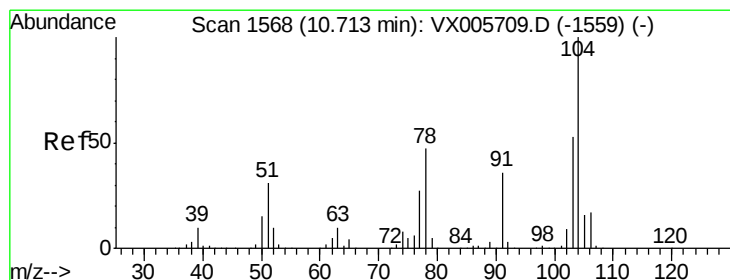
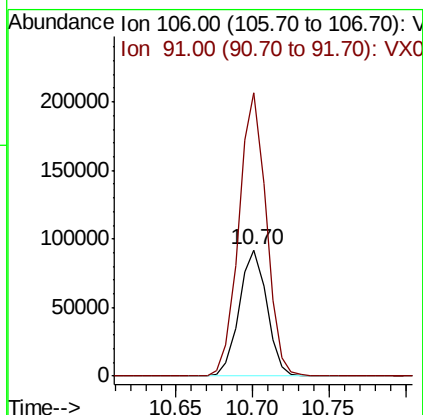
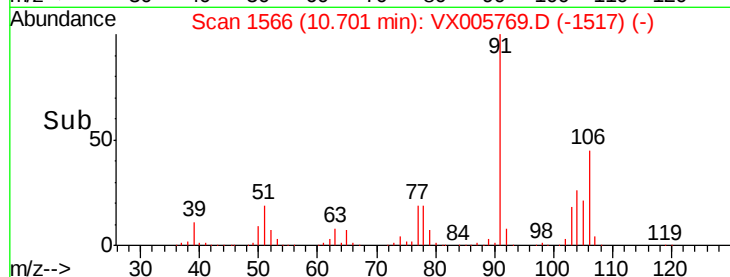
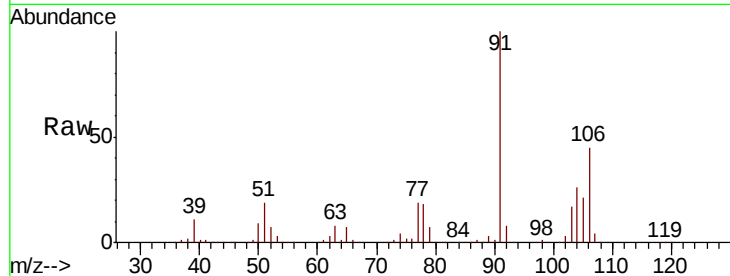




#69
o-Xylene
Concen: 50.944 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005769.D
Acq: 02 Nov 2018 20:58

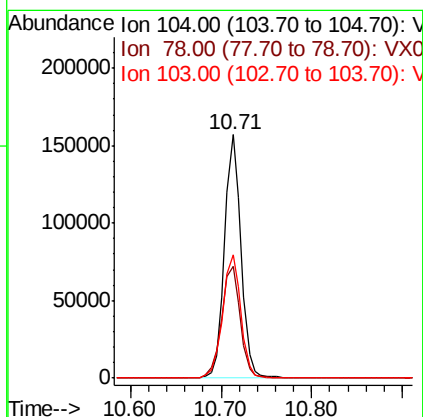
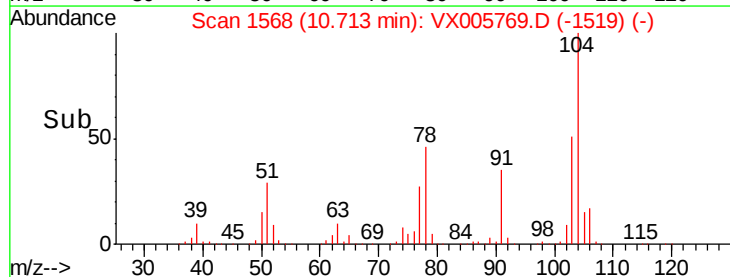
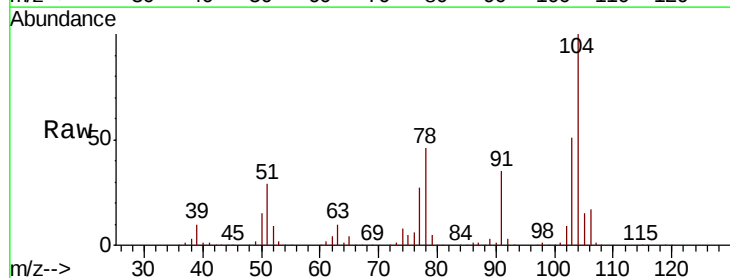
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

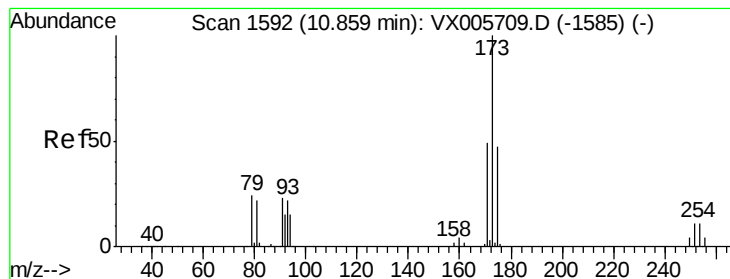
Tot Ion:106 Resp: 115951
Ion Ratio Lower Upper
106 100
91 221.9 108.5 325.5



#70
Styrene
Concen: 52.796 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005769.D
Acq: 02 Nov 2018 20:58

Tgt Ion:104 Resp: 199583
Ion Ratio Lower Upper
104 100
78 52.2 40.2 60.4
103 55.8 44.9 67.3





#71

Bromoform

Concen: 50.255 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005769.D

Acq: 02 Nov 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

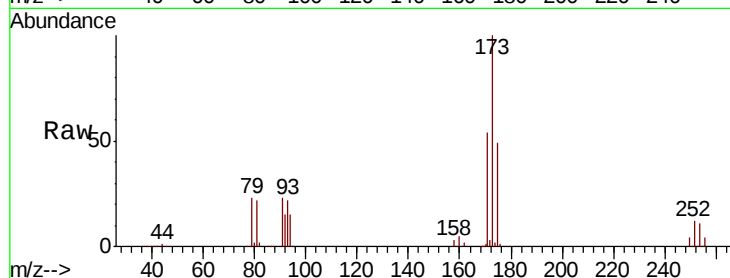
Tot Ion:173 Resp: 52307

Ion Ratio Lower Upper

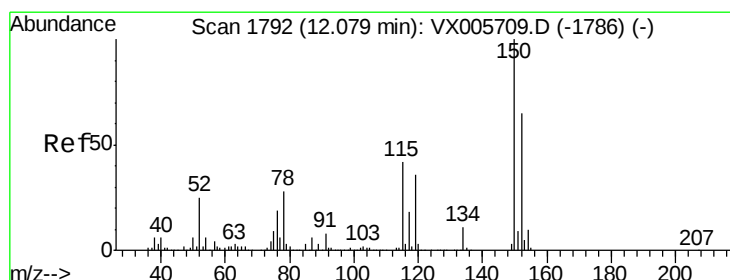
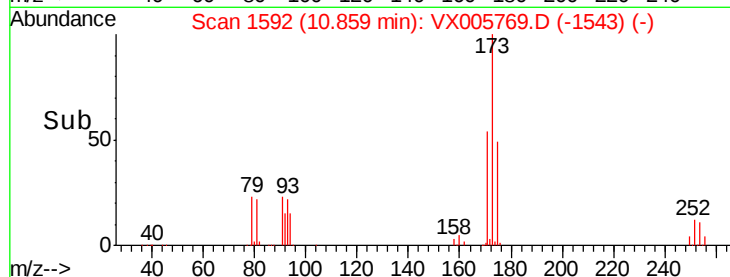
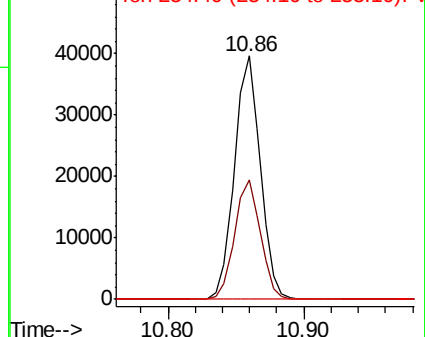
173 100

175 49.2 24.8 74.3

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005769.D

Acq: 02 Nov 2018 20:58

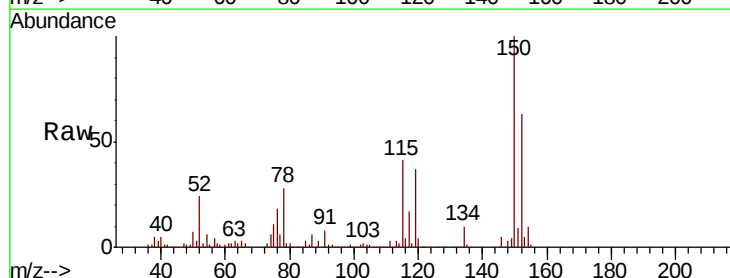
Tgt Ion:152 Resp: 94975

Ion Ratio Lower Upper

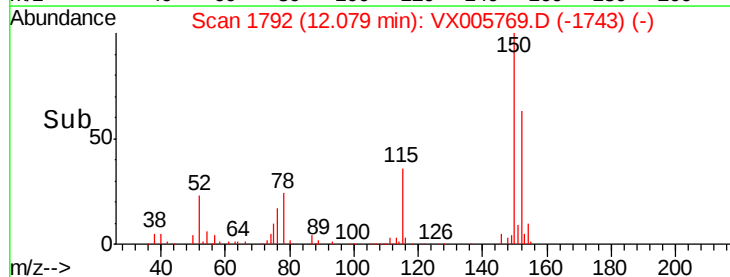
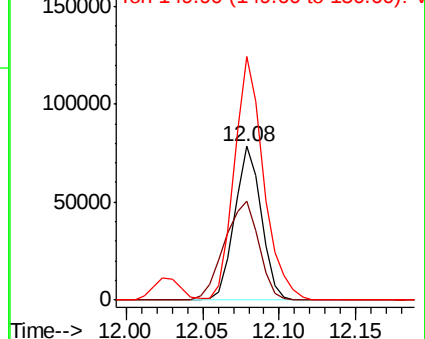
152 100

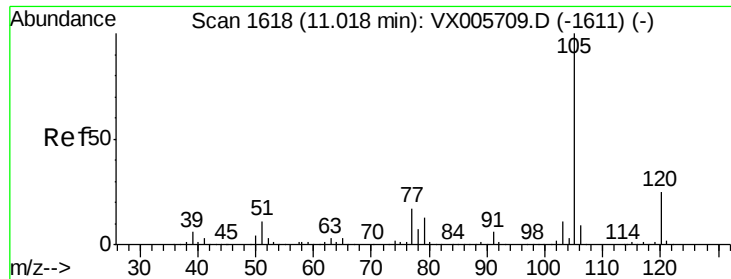
115 83.0 39.4 118.1

150 174.1 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: 51.207 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005769.D

Acq: 02 Nov 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

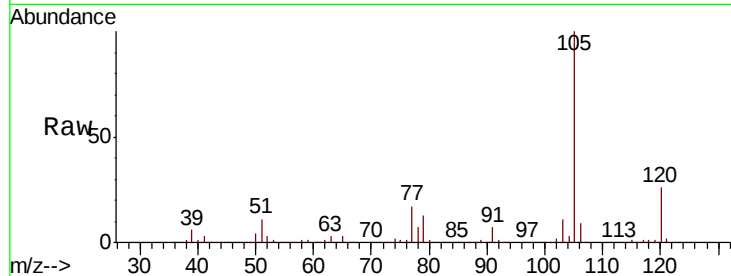
VSTDCCC050EC

Tot Ion:105 Resp: 320856

Ion Ratio Lower Upper

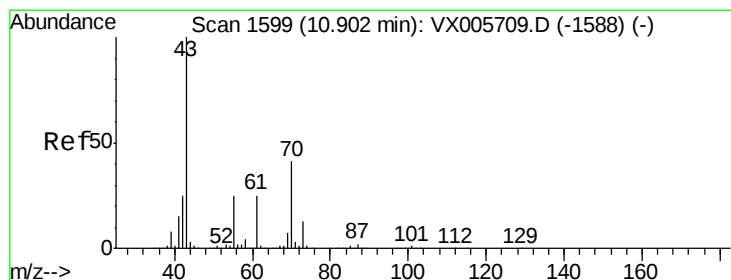
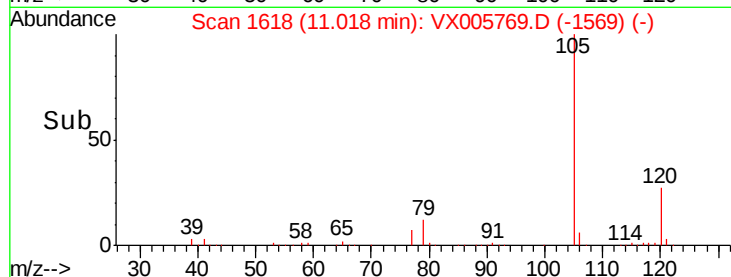
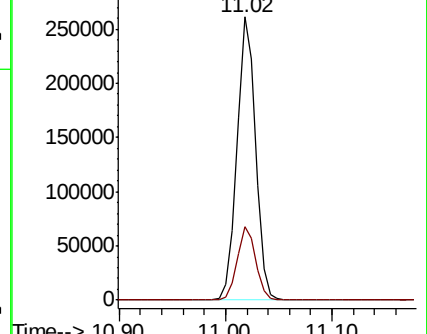
105 100

120 25.7 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.385 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX005769.D

Acq: 02 Nov 2018 20:58

Tgt Ion: 43 Resp: 168084

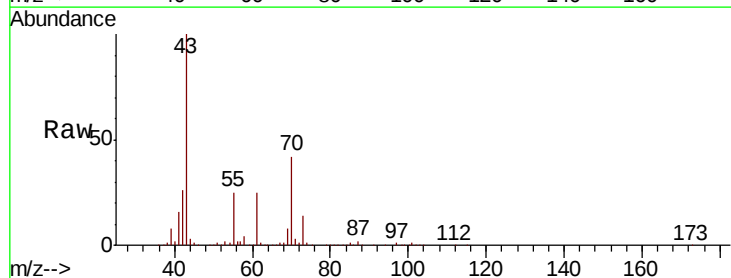
Ion Ratio Lower Upper

43 100

70 41.3 31.6 47.4

55 26.4 19.7 29.5

61 23.9 18.3 27.5

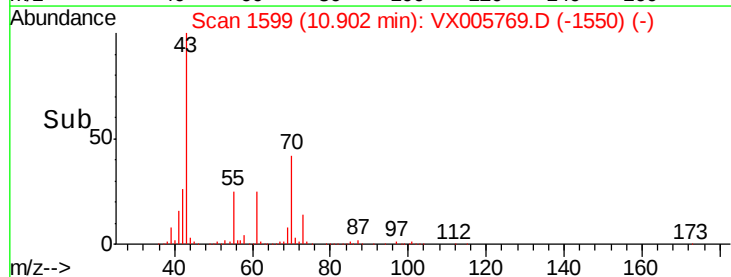
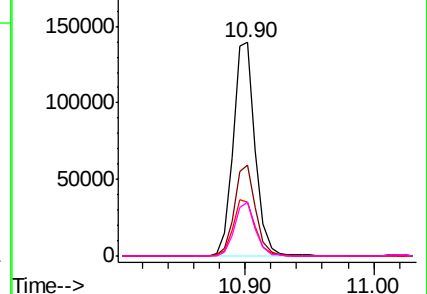


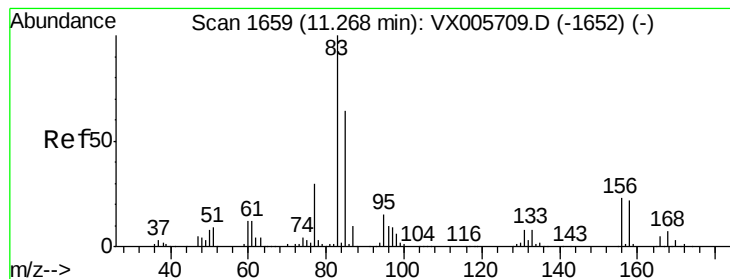
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.371 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005769.D

Acq: 02 Nov 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

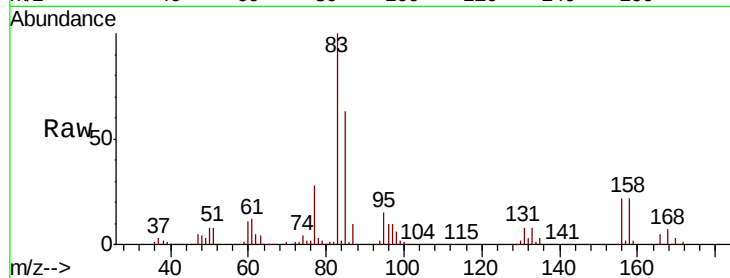
Tot Ion: 83 Resp: 125744

Ion Ratio Lower Upper

83 100

131 9.0 5.3 15.9

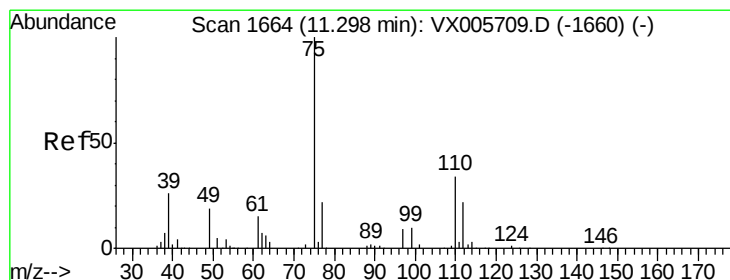
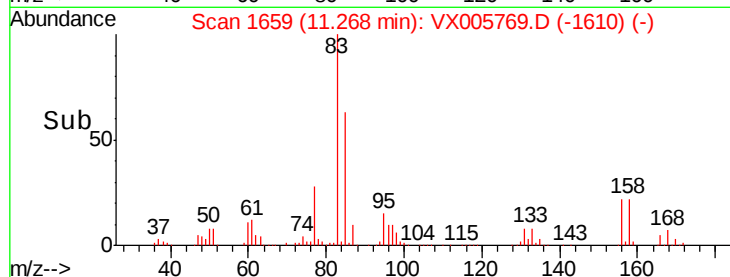
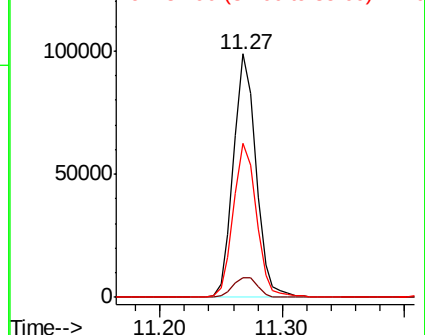
85 64.7 32.0 96.2



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: 61.325 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005769.D

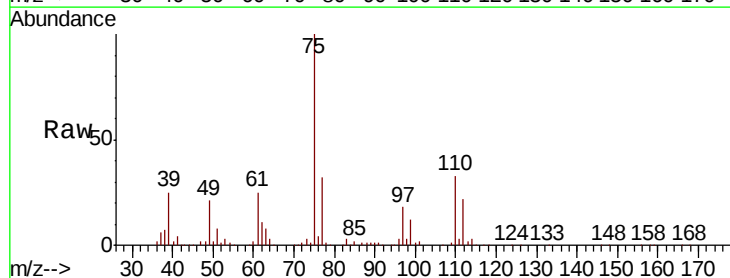
Acq: 02 Nov 2018 20:58

Tgt Ion: 75 Resp: 145062

Ion Ratio Lower Upper

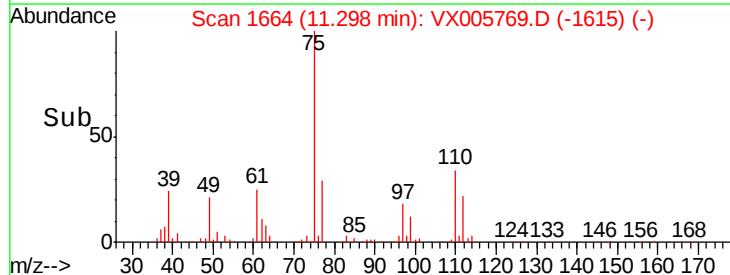
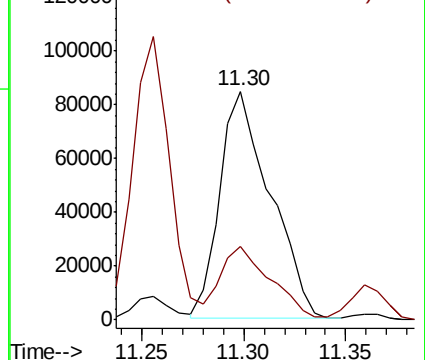
75 100

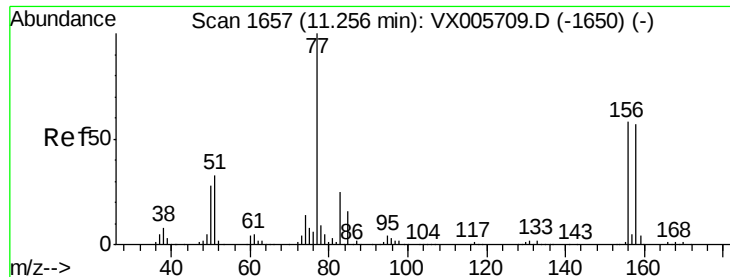
77 31.9 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.161 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005769.D

Acq: 02 Nov 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

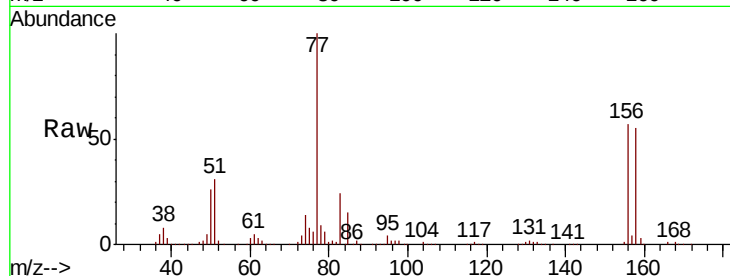
Tot Ion:156 Resp: 76414

Ion Ratio Lower Upper

156 100

77 175.0 74.8 224.4

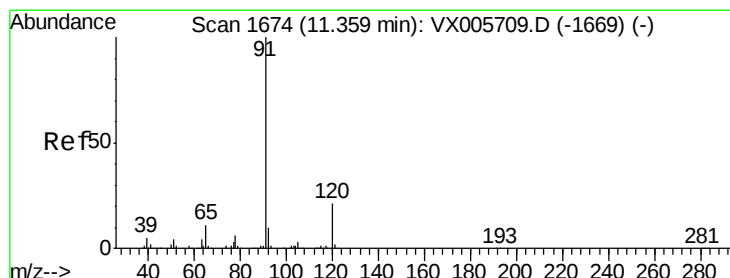
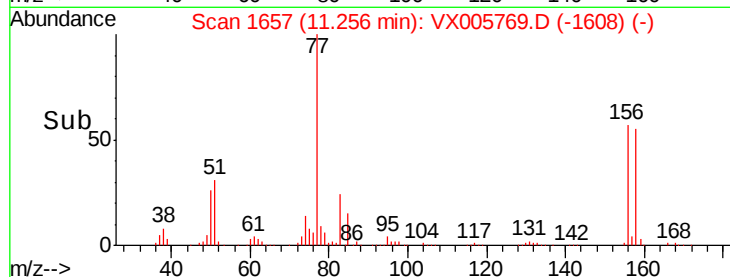
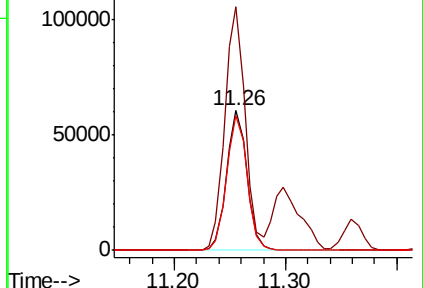
158 97.5 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.660 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005769.D

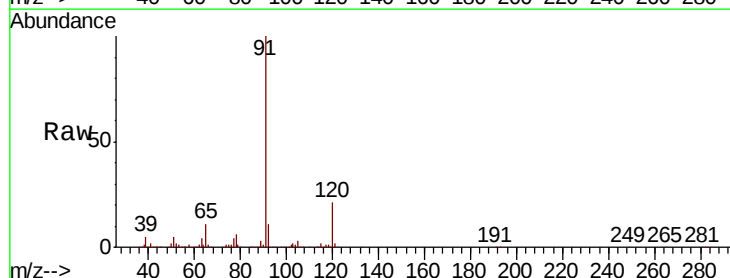
Acq: 02 Nov 2018 20:58

Tgt Ion: 91 Resp: 386158

Ion Ratio Lower Upper

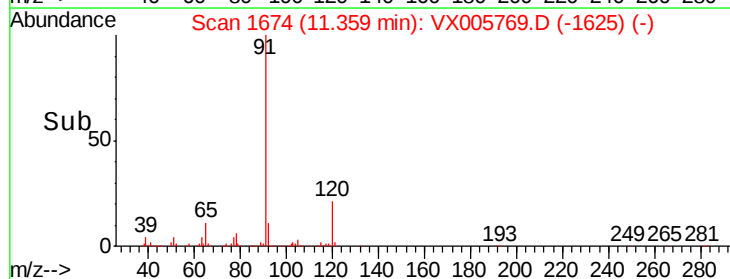
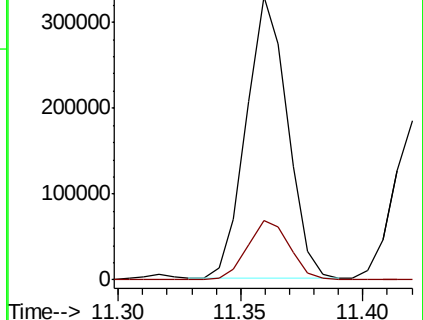
91 100

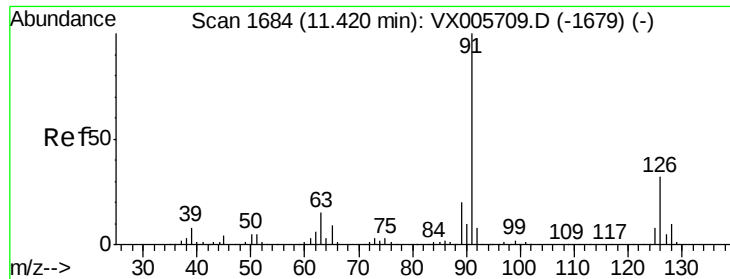
120 21.9 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

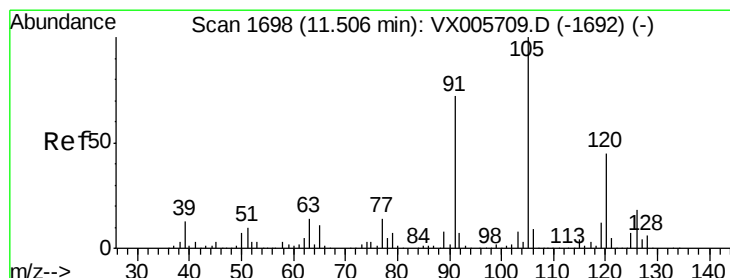
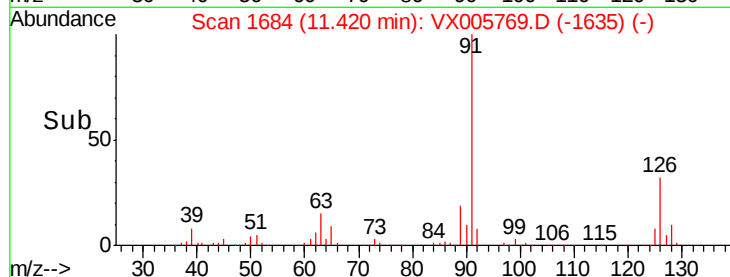
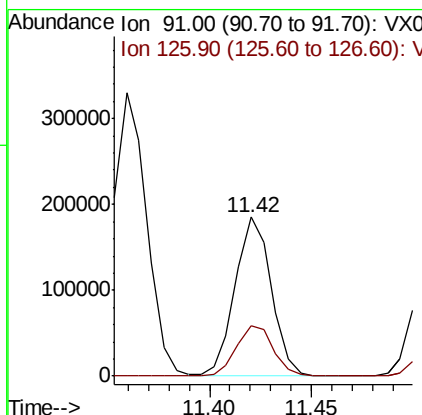
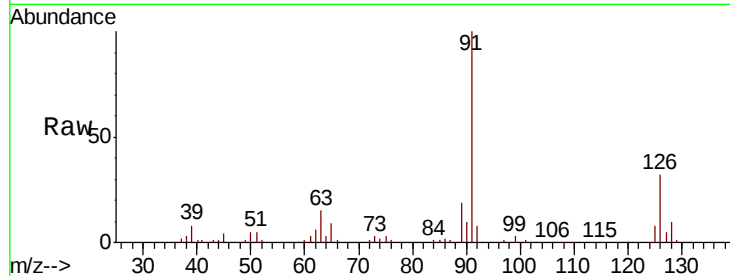




#79
 2-Chlorotoluene
 Concen: 49.979 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005769.D
 Acq: 02 Nov 2018 20:58

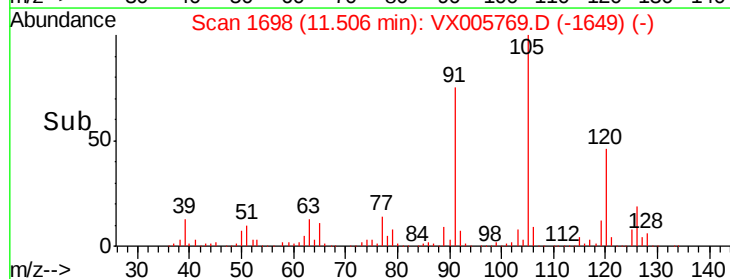
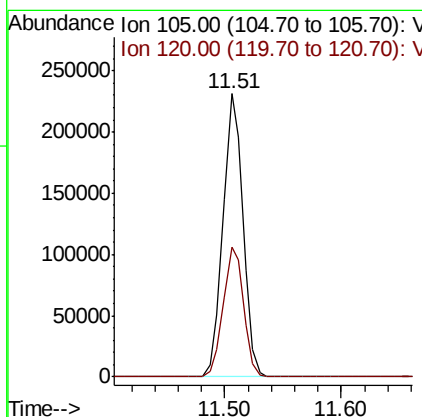
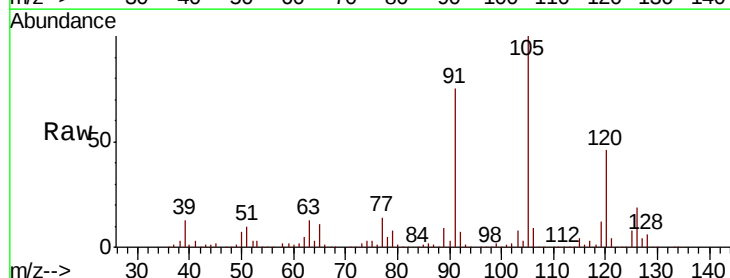
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

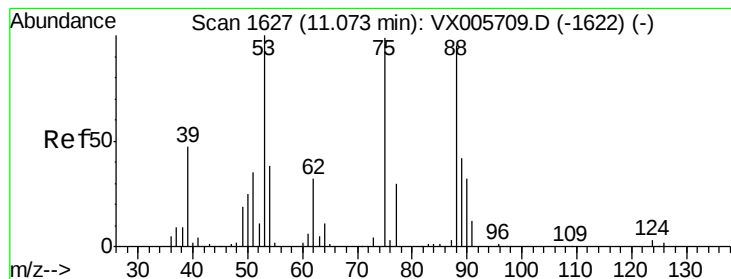
Tot Ion: 91 Resp: 227536
 Ion Ratio Lower Upper
 91 100
 126 32.6 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 51.346 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005769.D
 Acq: 02 Nov 2018 20:58

Tgt Ion: 105 Resp: 273177
 Ion Ratio Lower Upper
 105 100
 120 46.9 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 46.862 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005769.D

Acq: 02 Nov 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

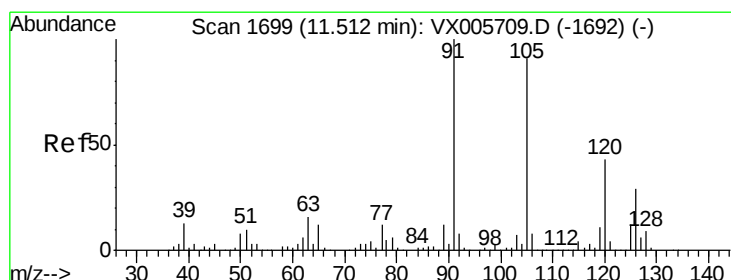
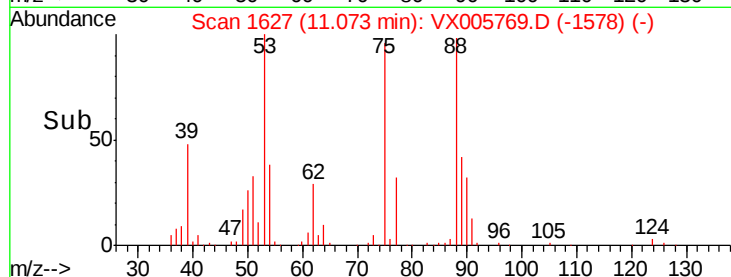
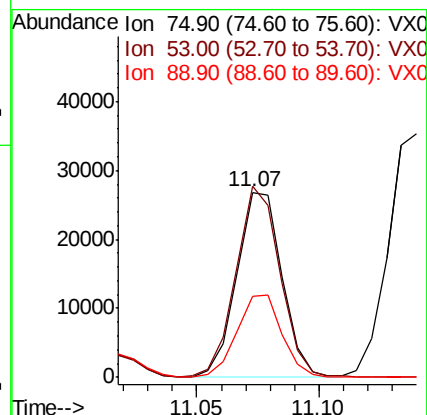
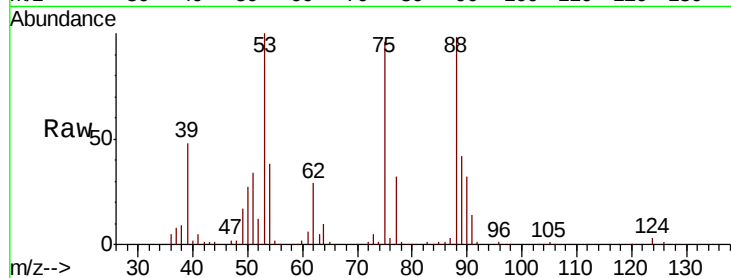
Tot Ion: 75 Resp: 34309

Ion Ratio Lower Upper

75 100

53 100.7 80.2 120.2

89 44.4 39.8 59.8



#82

4-Chlorotoluene

Concen: 49.469 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005769.D

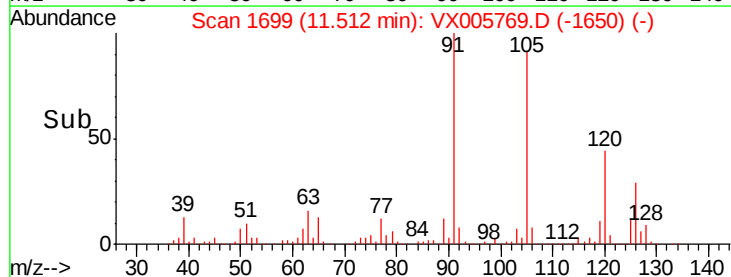
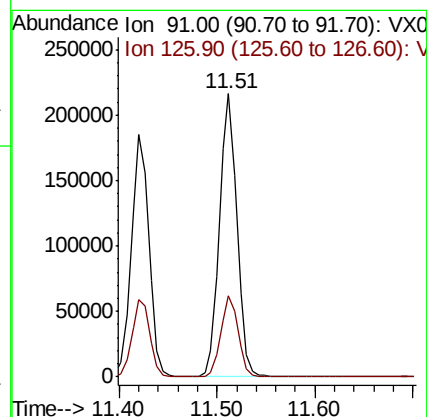
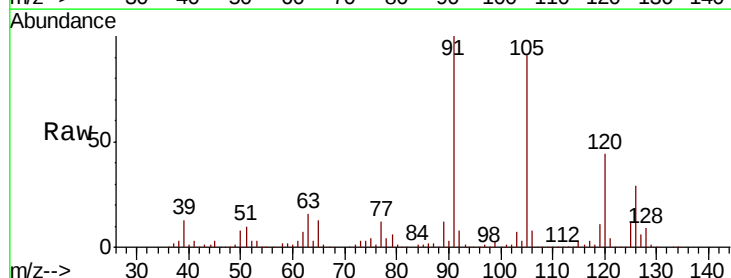
Acq: 02 Nov 2018 20:58

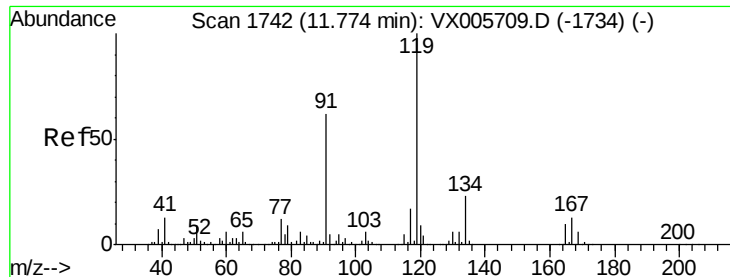
Tgt Ion: 91 Resp: 268870

Ion Ratio Lower Upper

91 100

126 28.4 15.2 45.6

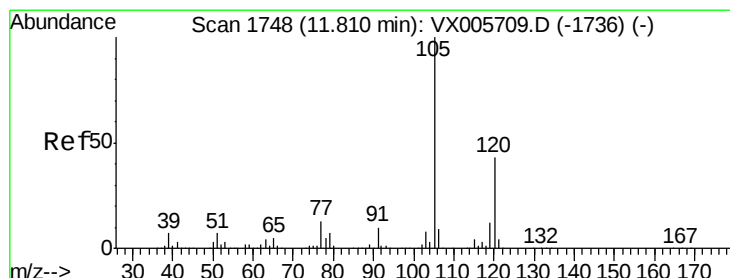
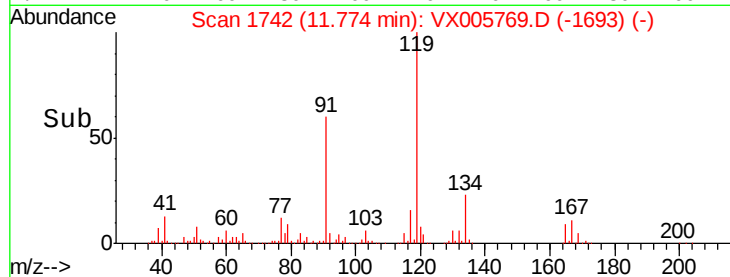
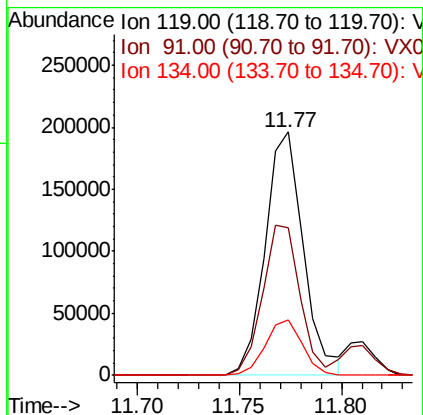
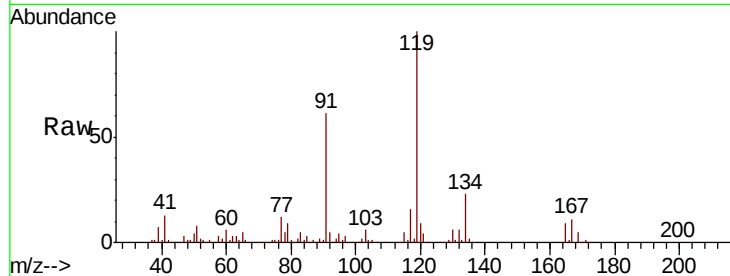




#83
 tert-Butylbenzene
 Concen: 50.486 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005769.D
 Acq: 02 Nov 2018 20:58

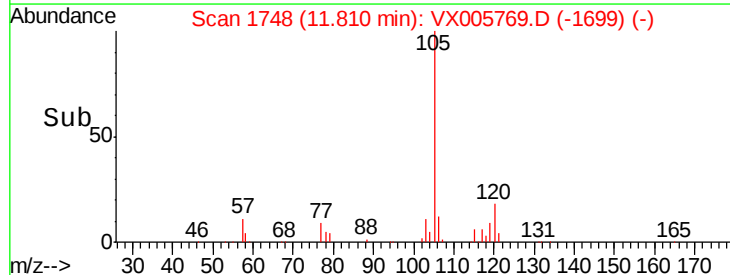
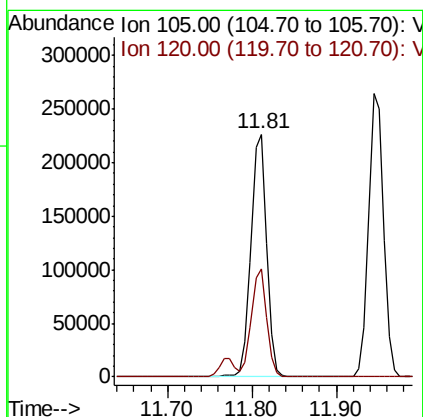
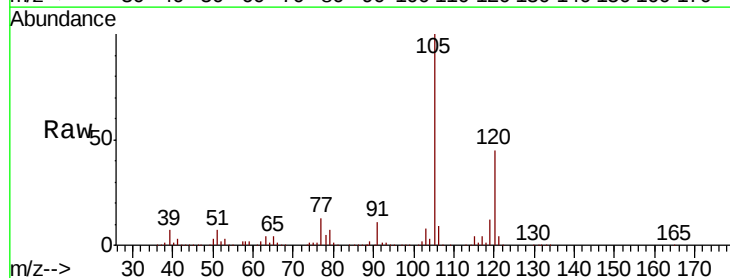
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

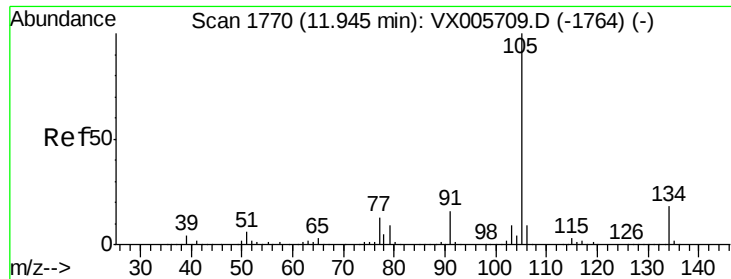
Tot Ion:119 Resp: 256281
 Ion Ratio Lower Upper
 119 100
 91 60.6 28.5 85.5
 134 22.4 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 52.199 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005769.D
 Acq: 02 Nov 2018 20:58

Tgt Ion:105 Resp: 280433
 Ion Ratio Lower Upper
 105 100
 120 43.3 22.4 67.0





#85

sec-Butylbenzene

Concen: 50.530 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005769.D

Acq: 02 Nov 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

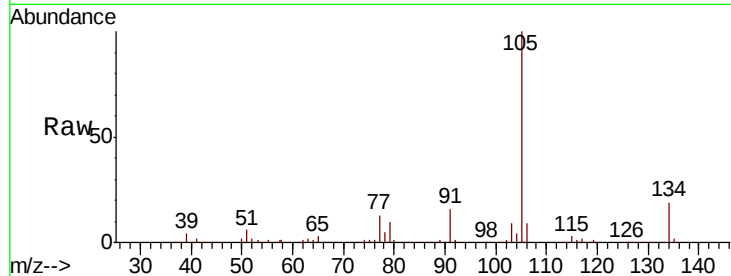
VSTDCCC050EC

Tot Ion:105 Resp: 329038

Ion Ratio Lower Upper

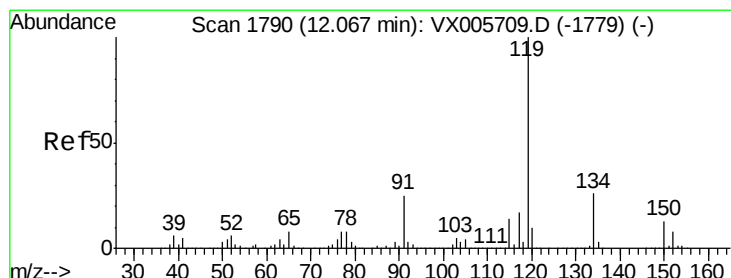
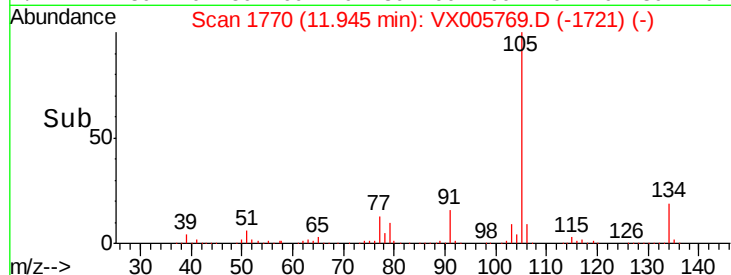
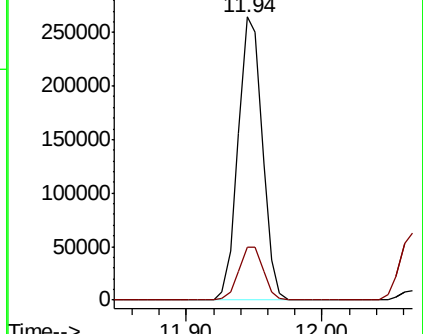
105 100

134 19.0 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.942 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005769.D

Acq: 02 Nov 2018 20:58

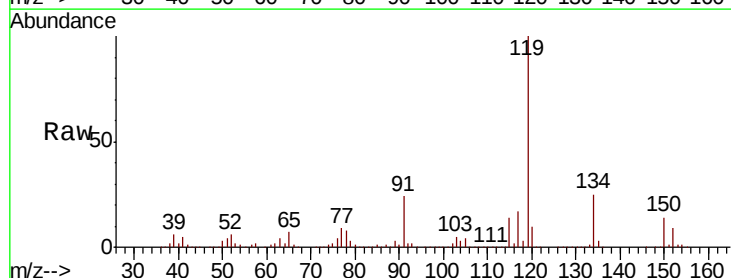
Tgt Ion:119 Resp: 282123

Ion Ratio Lower Upper

119 100

134 25.6 13.0 39.0

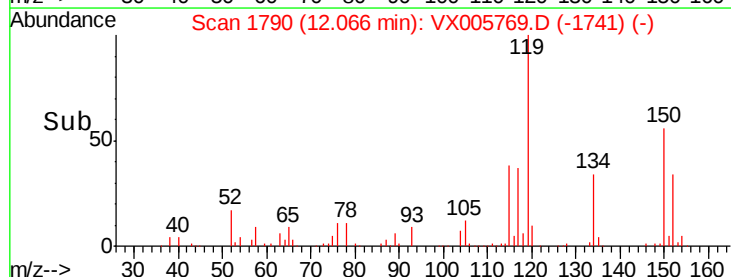
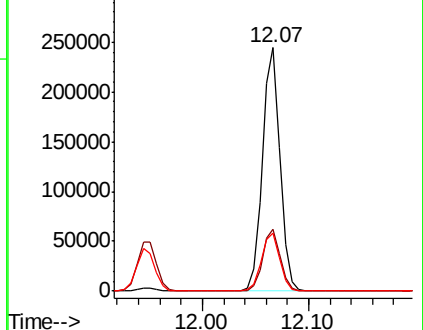
91 24.7 11.4 34.2

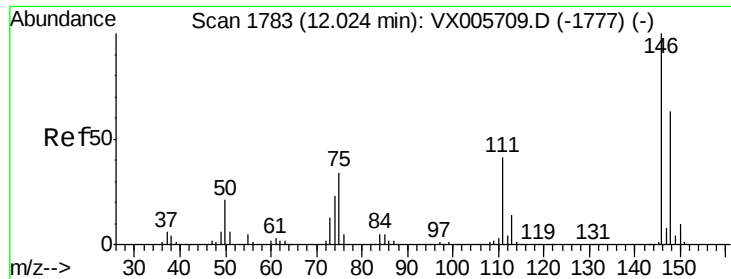


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

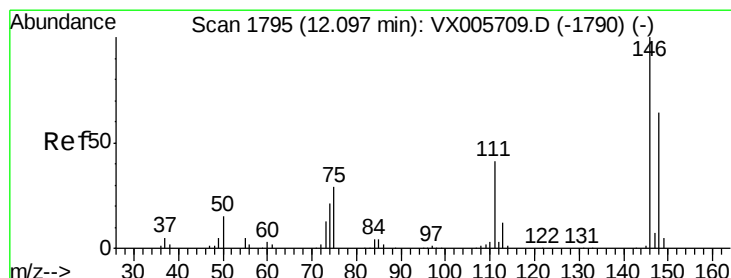
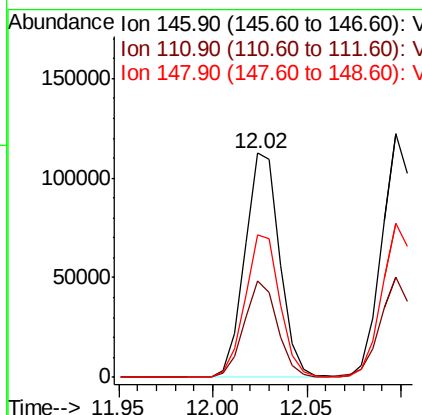
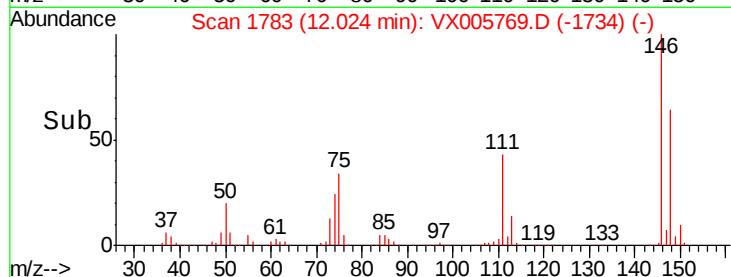
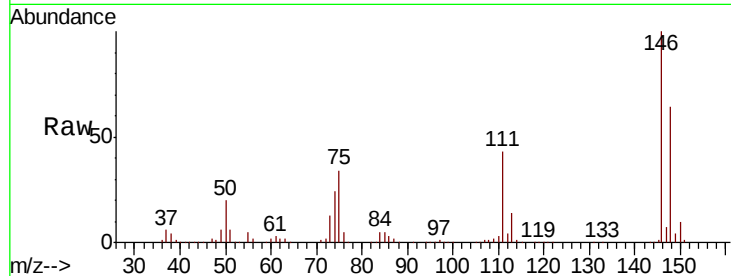




#87
 1,3-Dichlorobenzene
 Concen: 48.032 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005769.D
 Acq: 02 Nov 2018 20:58

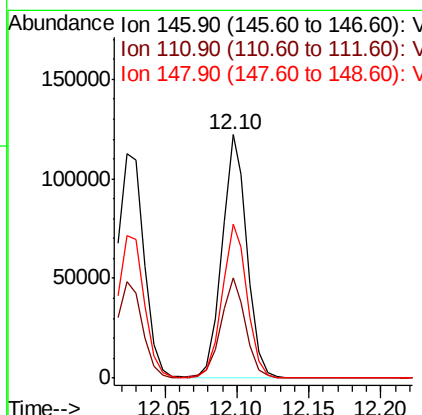
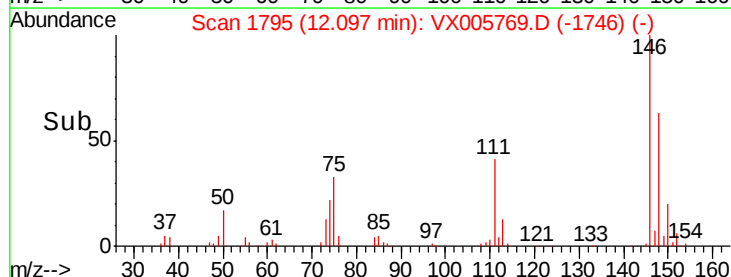
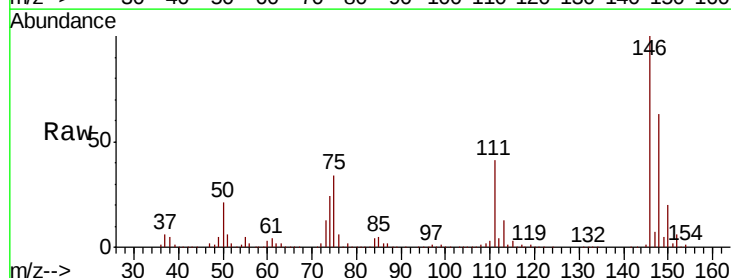
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

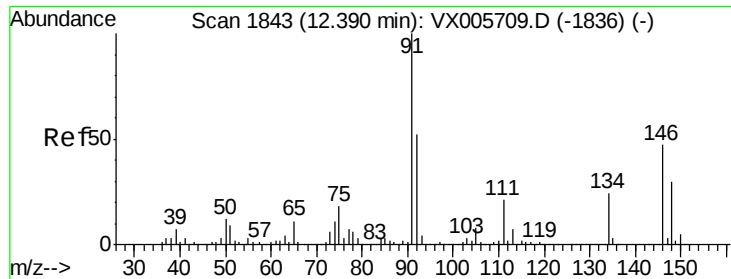
Tot Ion:146 Resp: 144358
 Ion Ratio Lower Upper
 146 100
 111 41.0 19.0 57.0
 148 63.6 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 45.784 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005769.D
 Acq: 02 Nov 2018 20:58

Tgt Ion:146 Resp: 147820
 Ion Ratio Lower Upper
 146 100
 111 40.8 18.6 55.8
 148 63.7 32.1 96.3

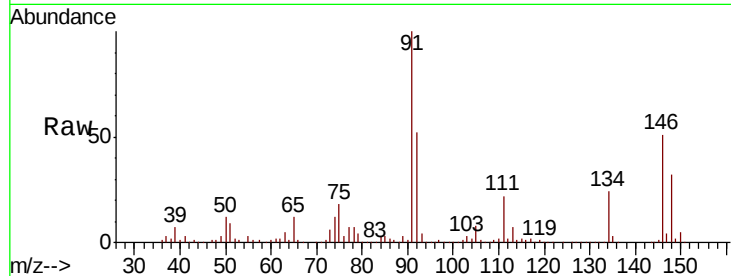




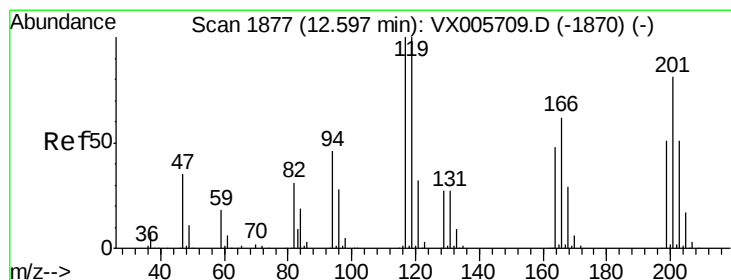
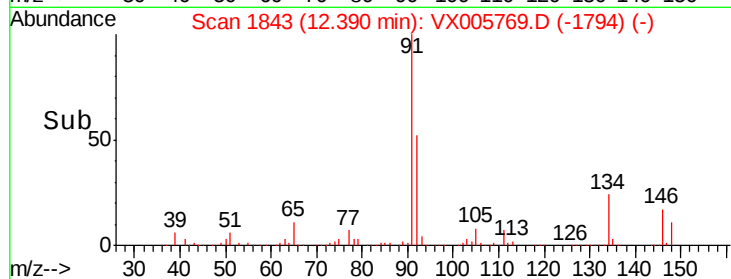
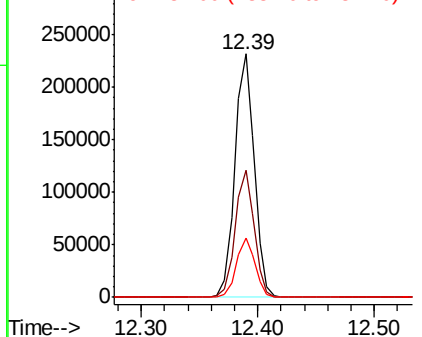
#89
n-Butylbenzene
Concen: 48.114 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005769.D
Acq: 02 Nov 2018 20:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 268845
Ion Ratio Lower Upper
91 100
92 51.4 26.1 78.2
134 23.7 13.1 39.3

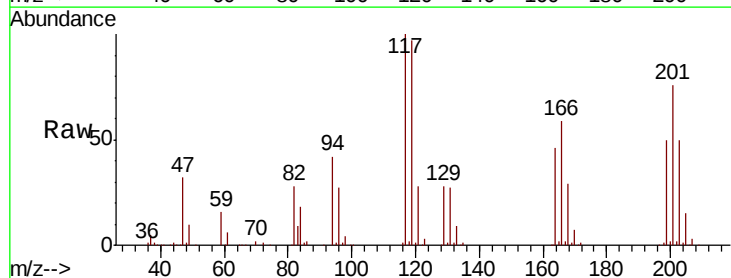


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V

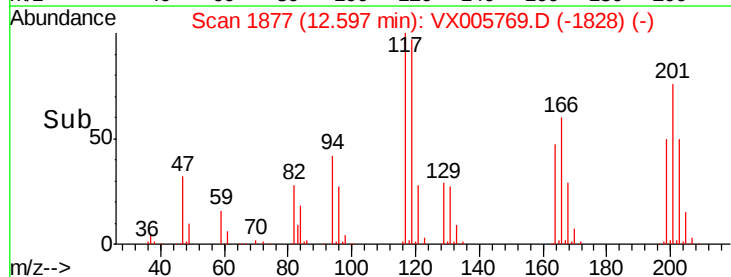
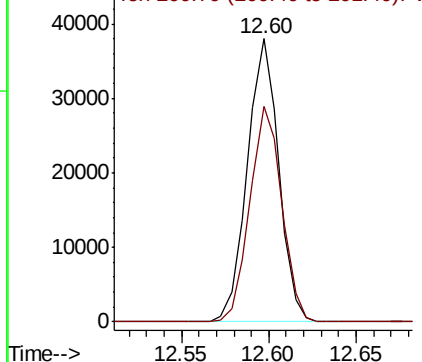


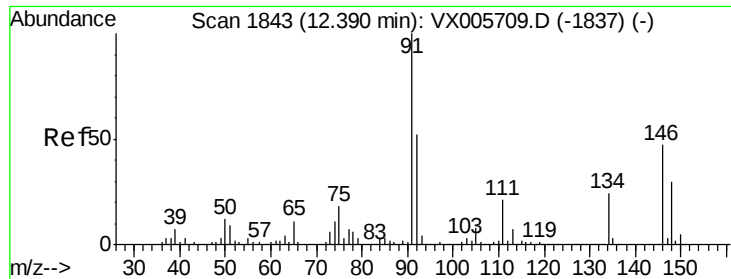
#90
Hexachloroethane
Concen: 48.108 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005769.D
Acq: 02 Nov 2018 20:58

Tgt Ion: 117 Resp: 47268
Ion Ratio Lower Upper
117 100
201 77.8 47.9 143.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 47.313 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005769.D

Acq: 02 Nov 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

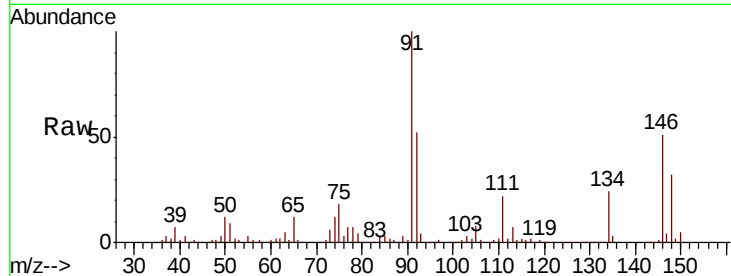
Tot Ion:146 Resp: 148553

Ion Ratio Lower Upper

146 100

111 42.6 20.0 59.9

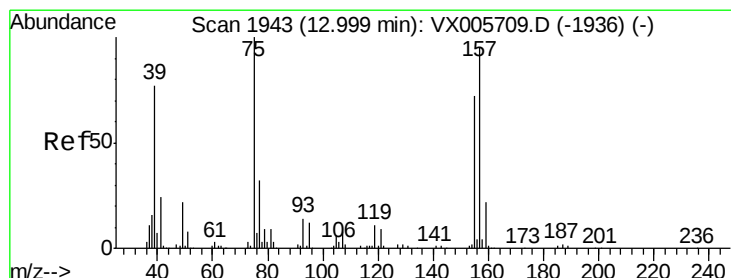
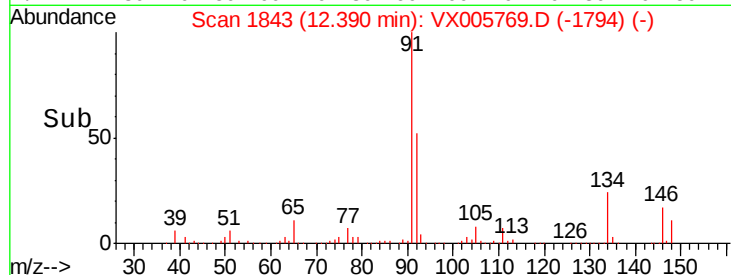
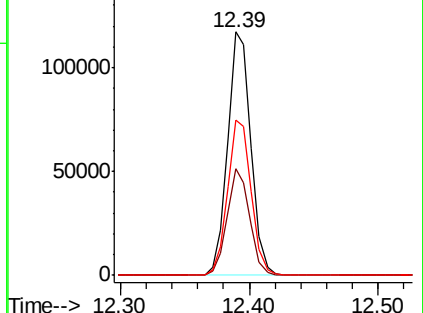
148 64.4 32.2 96.6



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: 50.852 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX005769.D

Acq: 02 Nov 2018 20:58

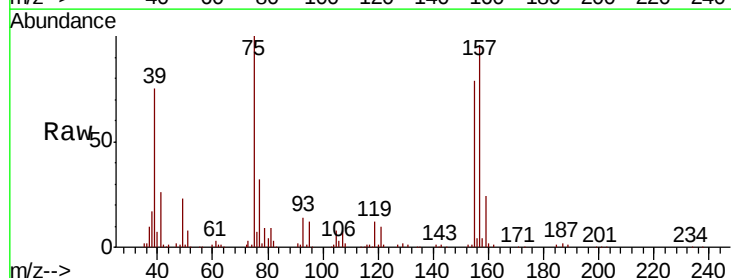
Tgt Ion: 75 Resp: 31005

Ion Ratio Lower Upper

75 100

155 79.0 45.4 136.1

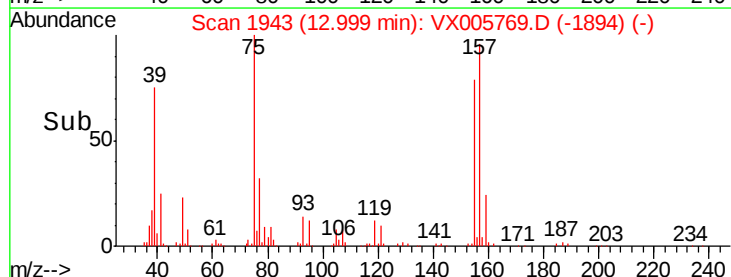
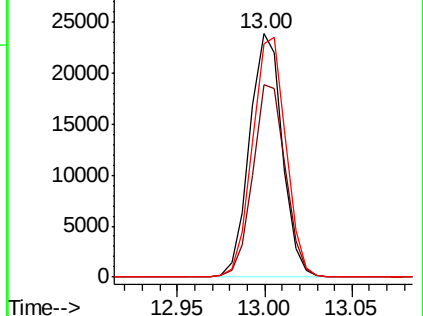
157 100.3 57.4 172.0

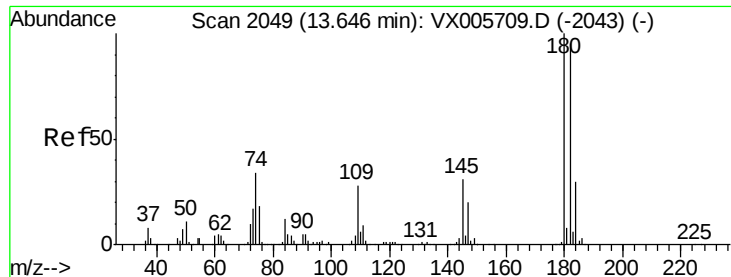


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

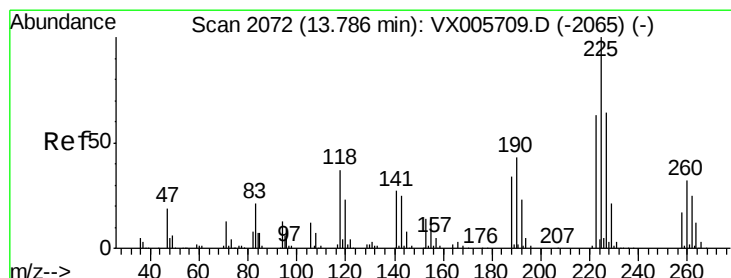
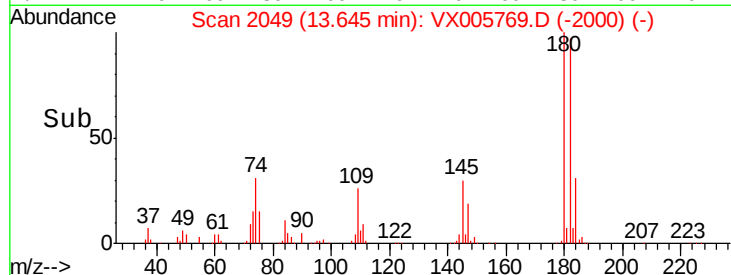
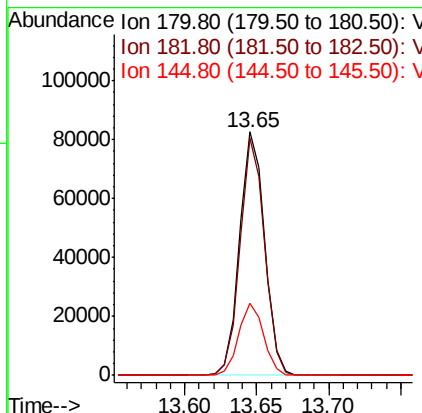
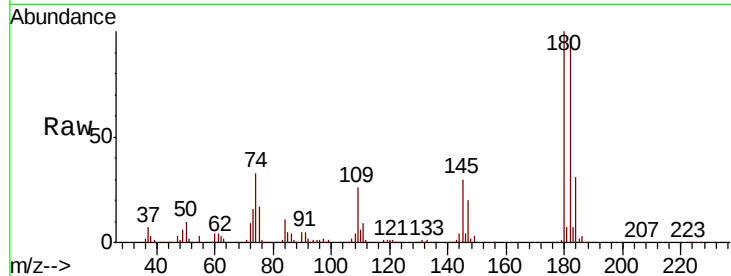




#93
 1,2,4-Trichlorobenzene
 Concen: 49.398 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005769.D
 Acq: 02 Nov 2018 20:58

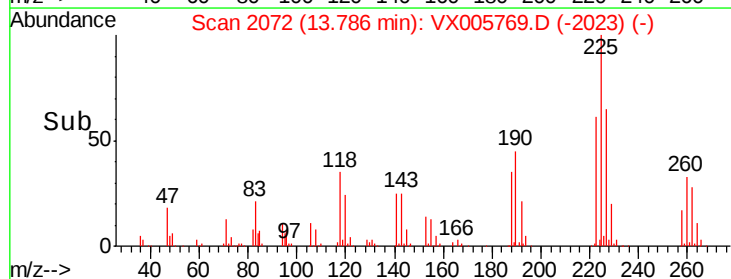
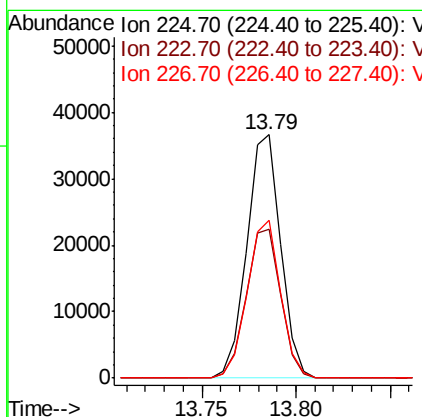
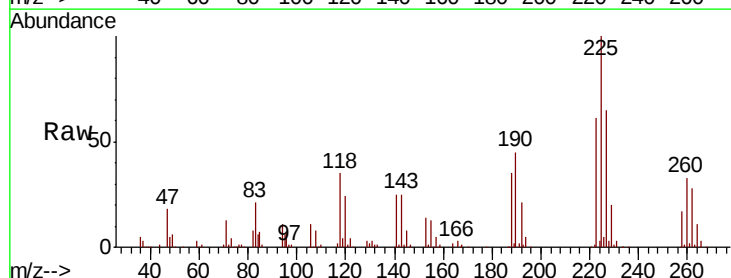
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

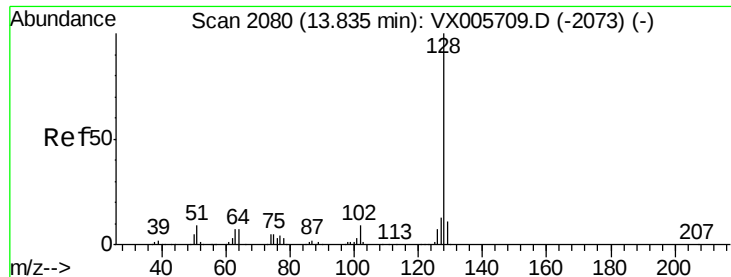
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.6	142.8
145	29.7	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 46.814 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005769.D
 Acq: 02 Nov 2018 20:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.7	95.1
227	63.7	32.3	96.9





#95

Naphthalene

Concen: 54.699 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005769.D

Acq: 02 Nov 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

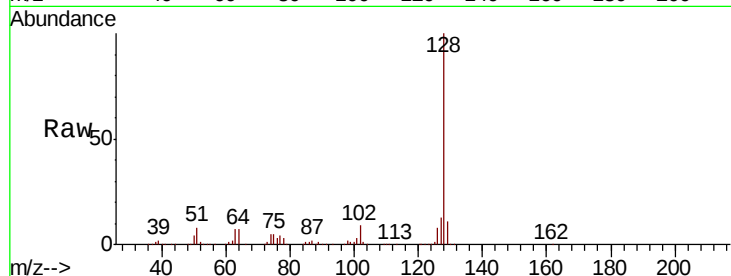
Tot Ion:128 Resp: 362257

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

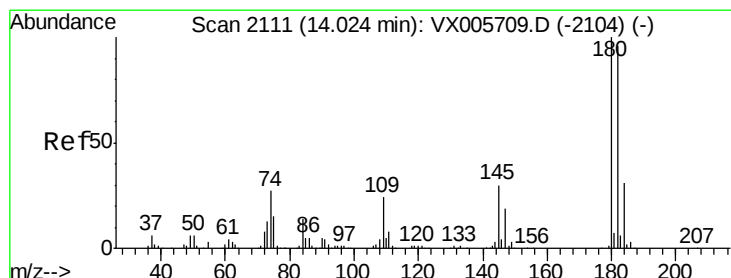
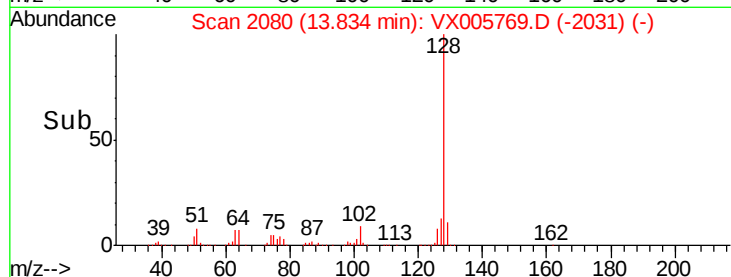
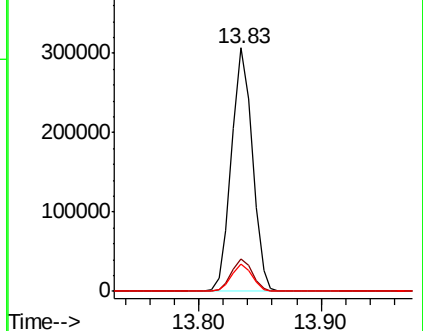
129 11.0 8.7 13.1



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: 50.455 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005769.D

Acq: 02 Nov 2018 20:58

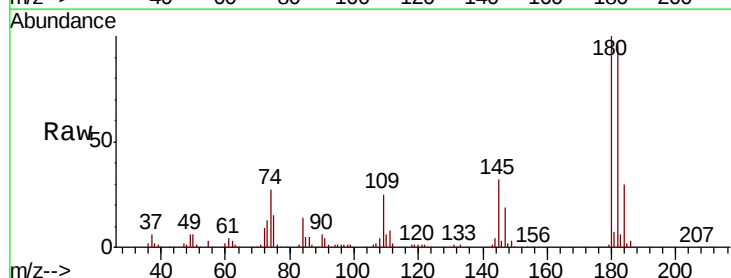
Tgt Ion:180 Resp: 103440

Ion Ratio Lower Upper

180 100

182 95.7 48.0 144.2

145 31.9 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

