

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112618\
 Data File : VX006207.D
 Acq On : 27 Nov 2018 06:17
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 27 08:03:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	249139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	360695	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	341421	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	194316	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	155226	53.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.54%	
35) Dibromofluoromethane	5.50	113	122062	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	
50) Toluene-d8	8.71	98	463514	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	
62) 4-Bromofluorobenzene	11.14	95	170094	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	91629	49.492	ug/l	100
3) Chloromethane	1.32	50	118888	50.834	ug/l	99
4) Vinyl Chloride	1.41	62	119003	50.024	ug/l	96
5) Bromomethane	1.64	94	83875	46.152	ug/l	100
6) Chloroethane	1.72	64	101146	79.370	ug/l	99
7) Trichlorofluoromethane	1.93	101	216479	69.562	ug/l	100
8) Diethyl Ether	2.19	74	92970	70.672	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	127930	69.326	ug/l	97
10) Methyl Iodide	2.51	142	157453	68.055	ug/l	96
11) Tert butyl alcohol	3.07	59	227534	370.503	ug/l	98
12) 1,1-Dichloroethene	2.37	96	126458	70.295	ug/l	96
13) Acrolein	2.29	56	105571	287.281	ug/l	99
14) Allyl chloride	2.73	41	269017	73.092	ug/l	93
15) Acrylonitrile	3.15	53	513803	378.786	ug/l	99
16) Acetone	2.45	43	446321	348.403	ug/l	97
17) Carbon Disulfide	2.57	76	364432	75.025	ug/l	99
18) Methyl Acetate	2.78	43	268307	81.673	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	462441	74.369	ug/l	99
20) Methylene Chloride	2.85	84	145043	74.978	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	139682	74.212	ug/l	91
22) Diisopropyl ether	3.87	45	403893	51.263	ug/l	99
23) Vinyl Acetate	3.82	43	1746230	267.147	ug/l	100
24) 1,1-Dichloroethane	3.70	63	265210	71.449	ug/l	99
25) 2-Butanone	4.70	43	590424	248.307	ug/l	100
26) 2,2-Dichloropropane	4.59	77	115176	37.648	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	123720	47.029	ug/l	99
28) Bromochloromethane	5.02	49	111240	51.419	ug/l	100
29) Tetrahydrofuran	5.15	42	378775	255.358	ug/l	99
30) Chloroform	5.21	83	218267	48.524	ug/l	99
31) Cyclohexane	5.57	56	182860	47.162	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	187553	51.638	ug/l	100
36) 1,1-Dichloropropene	5.80	75	158695	48.361	ug/l	99
37) Ethyl Acetate	4.85	43	215167	50.966	ug/l	100
38) Carbon Tetrachloride	5.78	117	162728	52.760	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	176563	47.230	ug/l	98
40) Benzene	6.14	78	476045	49.241	ug/l	99
41) Methacrylonitrile	5.06	41	117122	50.341	ug/l	99
42) 1,2-Dichloroethane	6.20	62	180974	50.070	ug/l	99
43) Isopropyl Acetate	6.46	43	319618	52.423	ug/l	99
44) Trichloroethene	7.21	130	129975	48.372	ug/l	99
45) 1,2-Dichloropropane	7.51	63	127976	50.019	ug/l	100
46) Dibromomethane	7.66	93	86813	49.546	ug/l	99
47) Bromodichloromethane	7.90	83	168212	51.907	ug/l	99
48) Methyl methacrylate	7.77	41	172001	55.625	ug/l	98
49) 1,4-Dioxane	7.75	88	71655	976.758	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1164872	266.507	ug/l	100
52) Toluene	8.79	92	303865	50.816	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	173869	51.414	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	186178	49.801	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	129433	49.979	ug/l	98
56) Ethyl methacrylate	9.18	69	195489	48.562	ug/l	97
57) 1,3-Dichloropropane	9.37	76	212572	49.798	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	559936	248.814	ug/l	99
59) 2-Hexanone	9.49	43	936666	270.028	ug/l	99
60) Dibromochloromethane	9.59	129	136418	53.729	ug/l	98
61) 1,2-Dibromoethane	9.67	107	137246	51.442	ug/l	100
64) Tetrachloroethene	9.34	164	138436	49.271	ug/l	99
65) Chlorobenzene	10.14	112	347084	49.560	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	127855	53.177	ug/l	98
67) Ethyl Benzene	10.25	91	596493	52.019	ug/l	98
68) m/p-Xylenes	10.36	106	467821	104.772	ug/l	99
69) o-Xylene	10.70	106	221584	51.953	ug/l	99
70) Styrene	10.71	104	375338	53.972	ug/l	99
71) Bromoform	10.86	173	113384	52.683	ug/l #	99
73) Isopropylbenzene	11.02	105	612135	52.065	ug/l	100
74) N-amyl acetate	10.90	43	301883	50.356	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	218243	49.256	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	249666	62.408	ug/l	87
77) Bromobenzene	11.26	156	162405	49.309	ug/l	99
78) n-propylbenzene	11.36	91	708050	51.712	ug/l	100
79) 2-Chlorotoluene	11.42	91	419776	50.676	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	517811	52.237	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	56786	48.009	ug/l	98
82) 4-Chlorotoluene	11.51	91	497104	51.423	ug/l	100
83) tert-Butylbenzene	11.77	119	502200	51.895	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	534497	52.861	ug/l	99
85) sec-Butylbenzene	11.94	105	612916	51.780	ug/l	100
86) p-Isopropyltoluene	12.07	119	551316	52.240	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	299683	49.349	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	305168	48.475	ug/l	100
89) n-Butylbenzene	12.39	91	484780	50.735	ug/l	99
90) Hexachloroethane	12.60	117	89231	52.983	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	305407	49.191	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	54346	52.859	ug/l	97

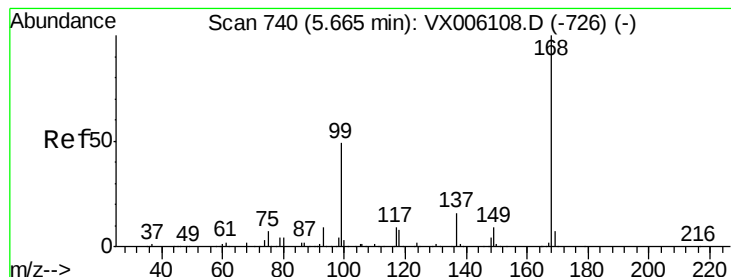
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	219368	50.156	ug/l	100
94) Hexachlorobutadiene	13.79	225	100604	47.197	ug/l	99
95) Naphthalene	13.83	128	700465	54.464	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	225671	50.611	ug/l	100

(#) = 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. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

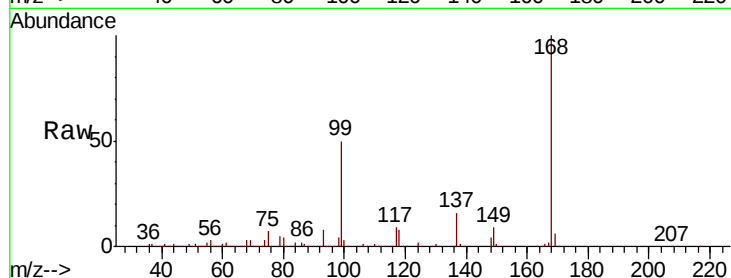
VSTDCCC050EC

Tot Ion:168 Resp: 249139

Ion Ratio Lower Upper

168 100

99 49.8 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

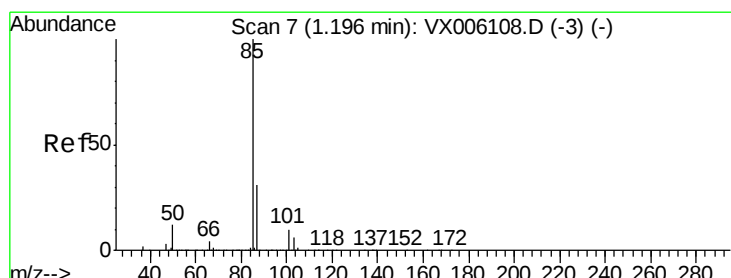
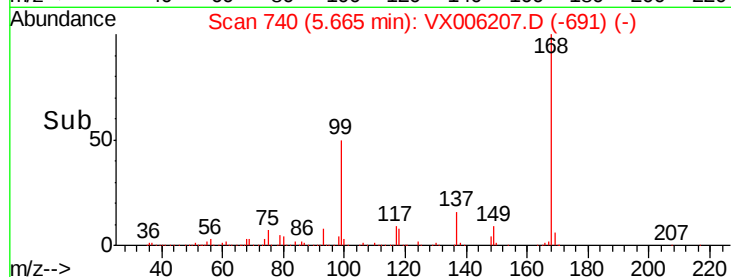
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 49.492 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006207.D

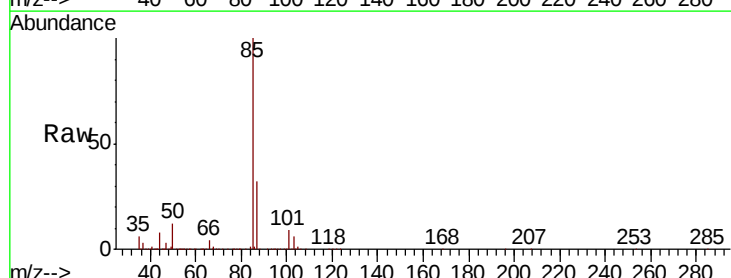
Acq: 27 Nov 2018 06:17

Tgt Ion: 85 Resp: 91629

Ion Ratio Lower Upper

85 100

87 31.7 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

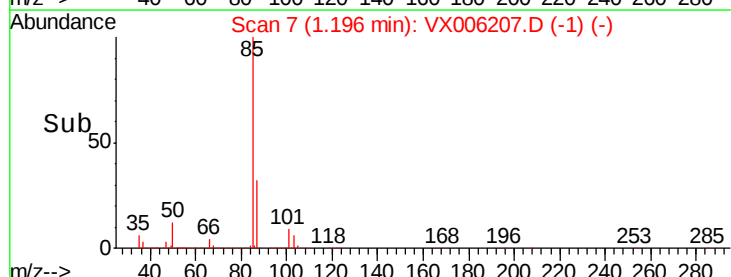
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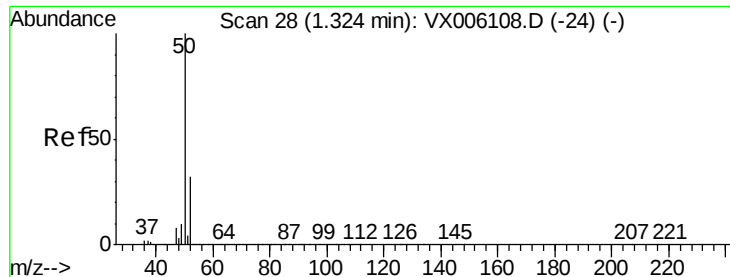
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 50.834 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

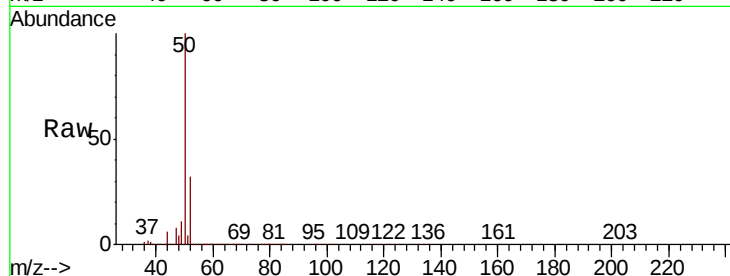
VSTDCCC050EC

Tot Ion: 50 Resp: 118888

Ion Ratio Lower Upper

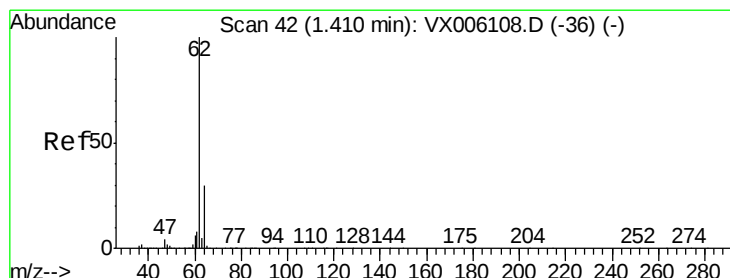
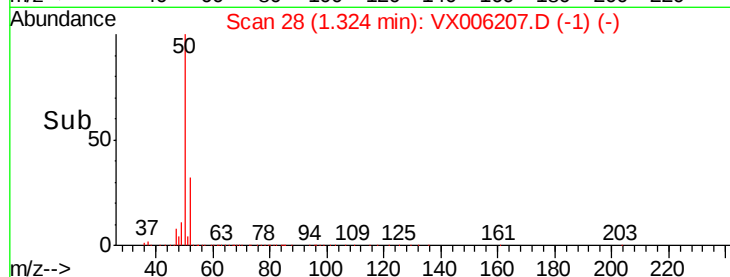
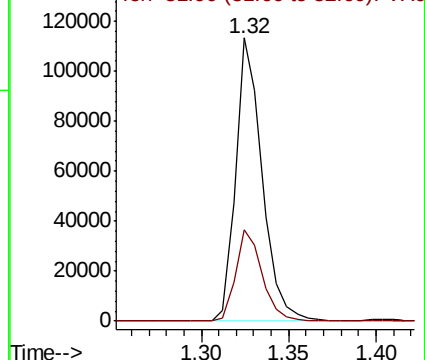
50 100

52 32.5 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.024 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006207.D

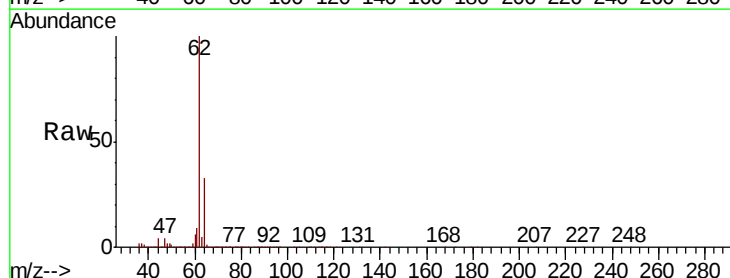
Acq: 27 Nov 2018 06:17

Tgt Ion: 62 Resp: 119003

Ion Ratio Lower Upper

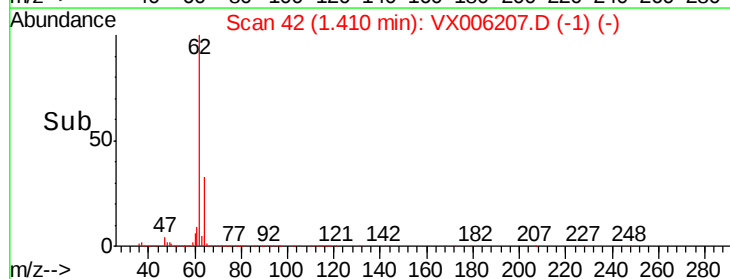
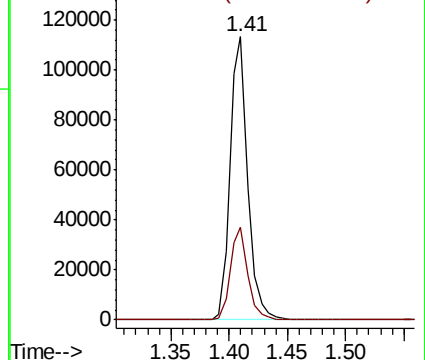
62 100

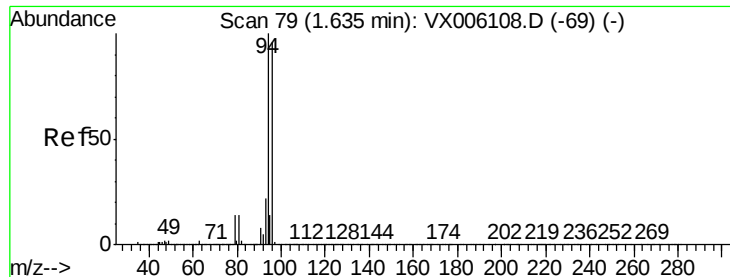
64 32.5 24.2 36.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 46.152 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

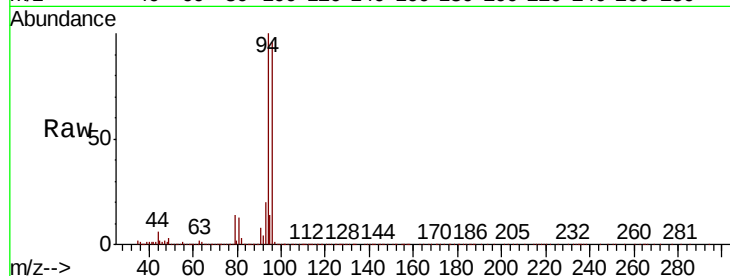
VSTDCCC050EC

Tot Ion: 94 Resp: 83875

Ion Ratio Lower Upper

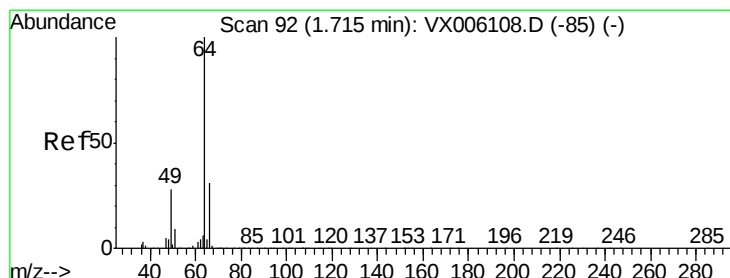
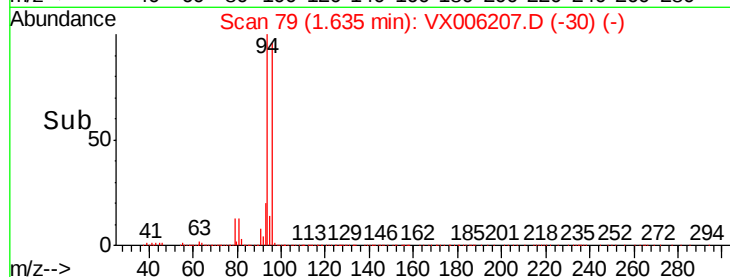
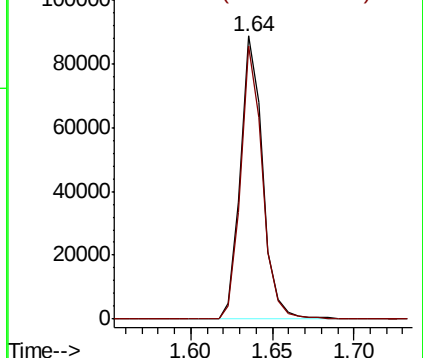
94 100

96 96.3 76.7 115.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 79.370 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006207.D

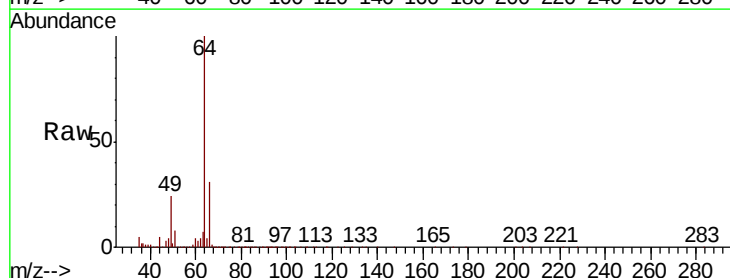
Acq: 27 Nov 2018 06:17

Tgt Ion: 64 Resp: 101146

Ion Ratio Lower Upper

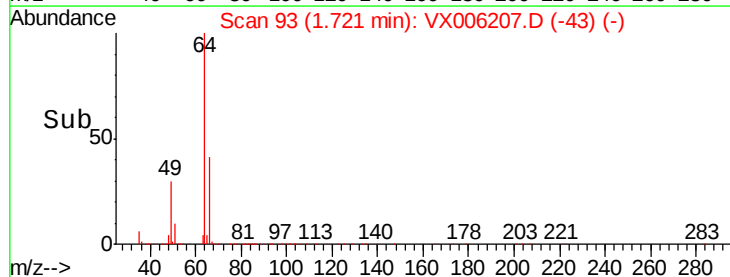
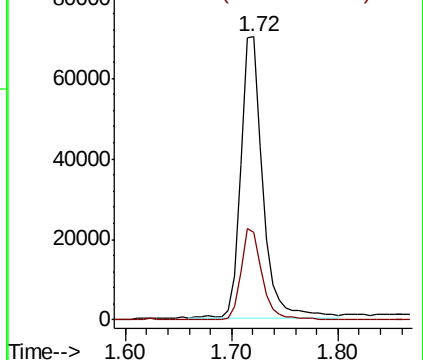
64 100

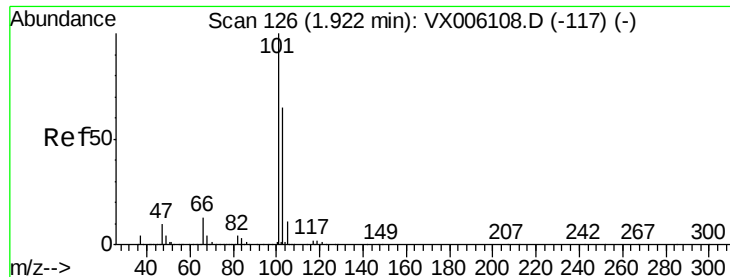
66 30.9 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



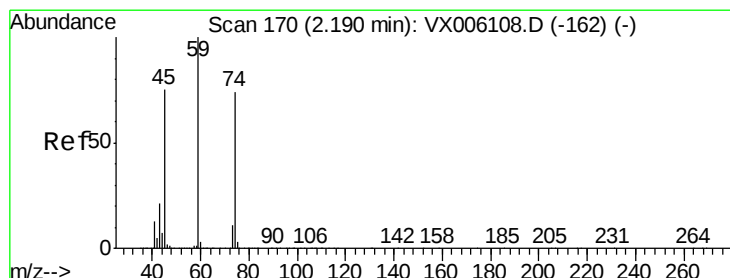
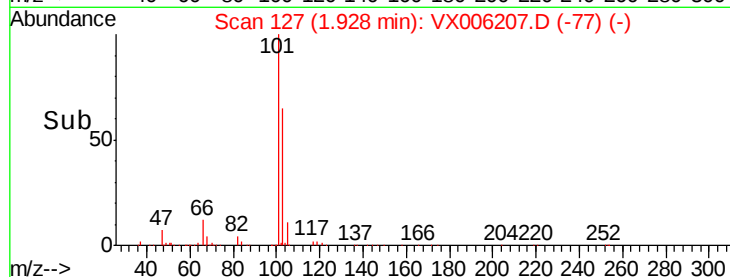
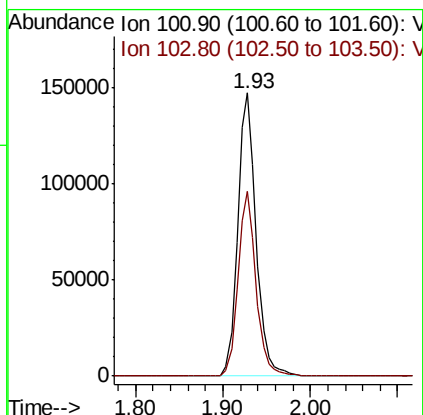
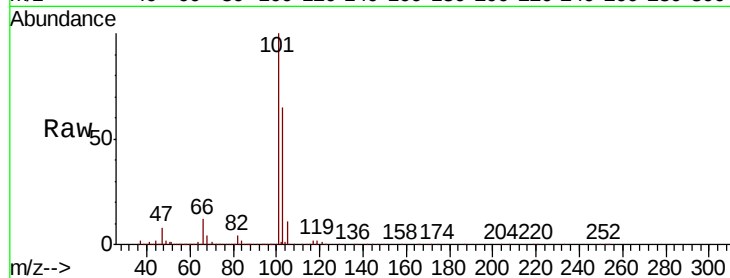


#7

Trichlorofluoromethane
Concen: 69.562 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX006207.D
Acq: 27 Nov 2018 06:17

Instrument :
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VSTDCCC050EC

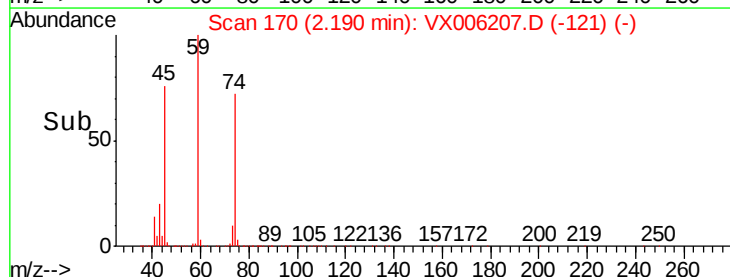
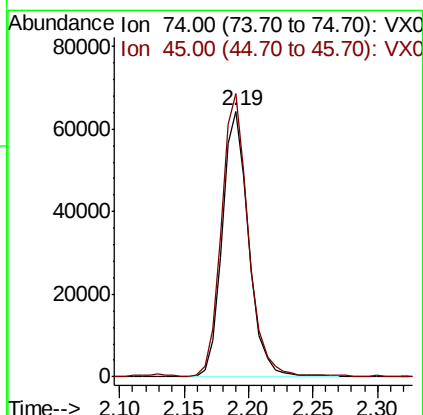
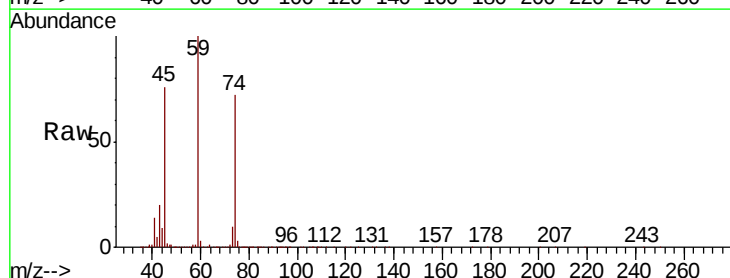
Tot Ion:101 Resp: 216479
Ion Ratio Lower Upper
101 100
103 65.2 52.1 78.1

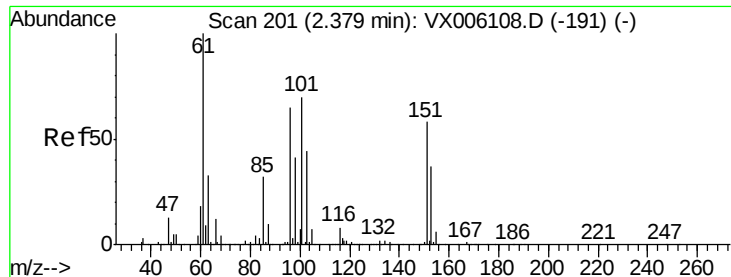


#8

Diethyl Ether
Concen: 70.672 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006207.D
Acq: 27 Nov 2018 06:17

Tgt Ion: 74 Resp: 92970
Ion Ratio Lower Upper
74 100
45 107.7 52.2 156.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 69.326 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

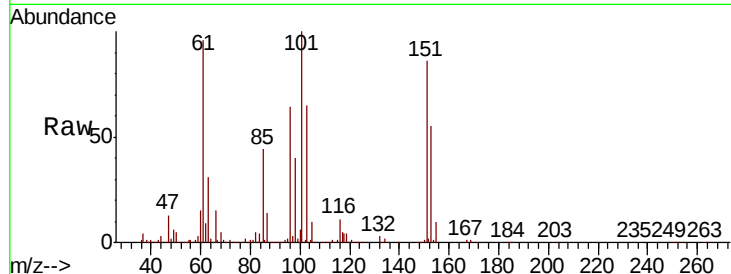
Tot Ion:101 Resp: 127930

Ion Ratio Lower Upper

101 100

85 42.9 36.0 54.0

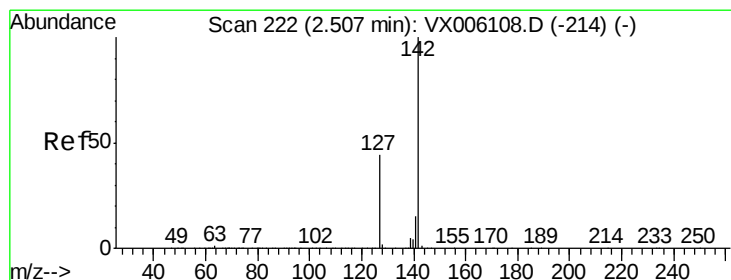
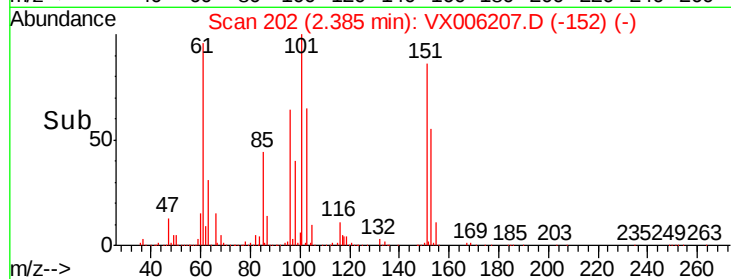
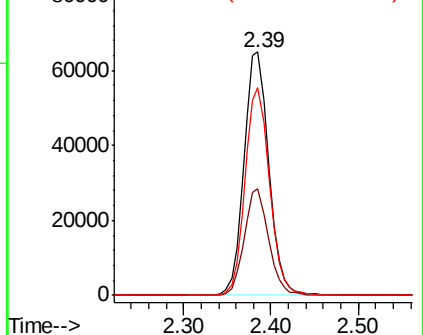
151 84.4 65.8 98.6



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: 68.055 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

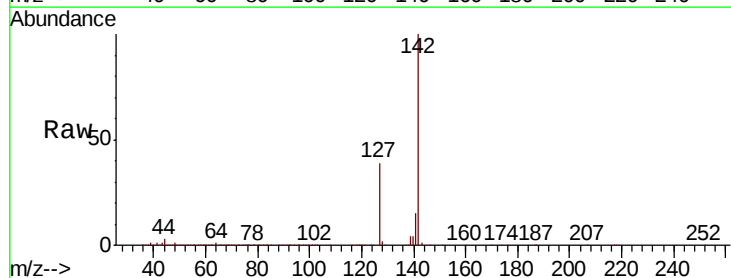
Tgt Ion:142 Resp: 157453

Ion Ratio Lower Upper

142 100

127 41.7 36.0 54.0

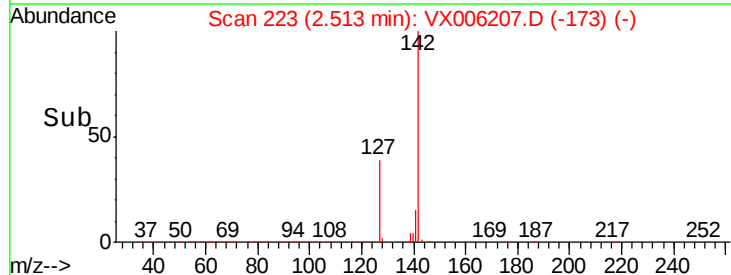
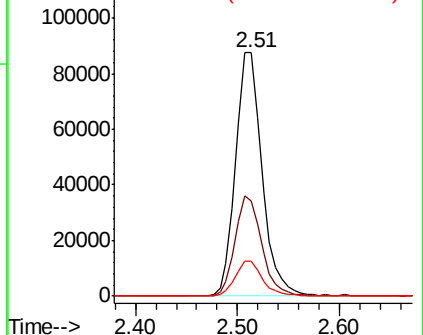
141 14.7 11.7 17.5

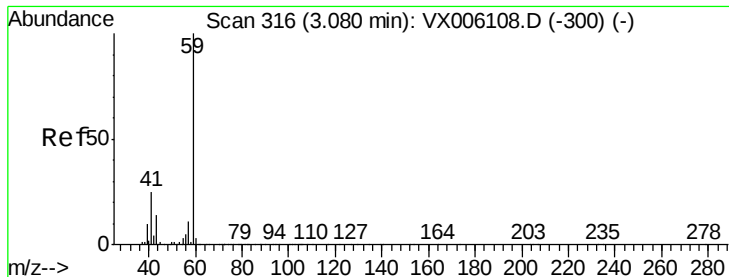


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



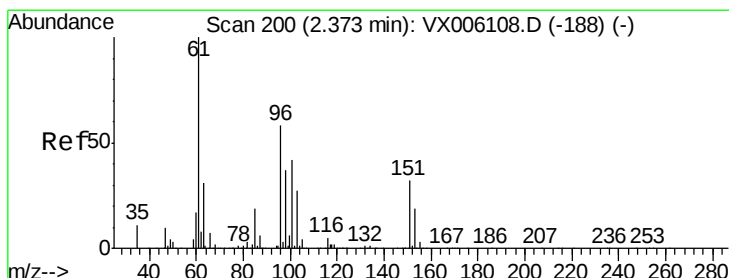
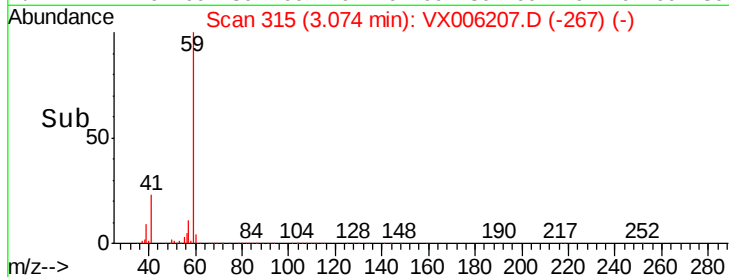
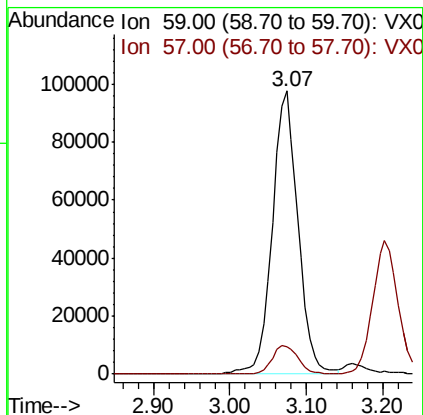
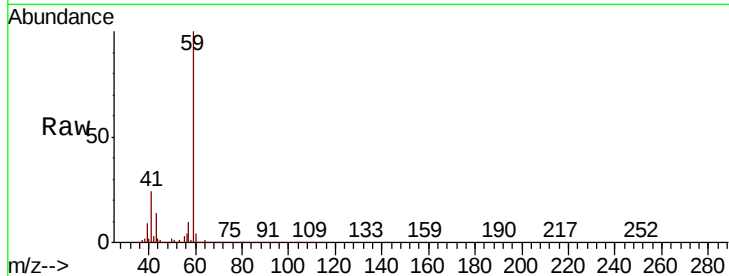


#11

Tert butyl alcohol
Concen: 370.503 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX006207.D
Acq: 27 Nov 2018 06:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

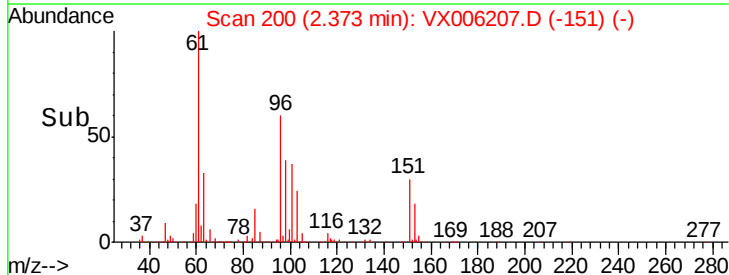
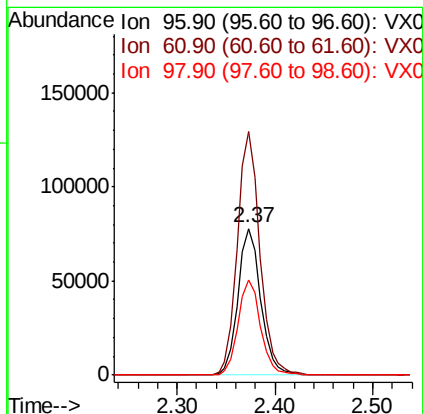
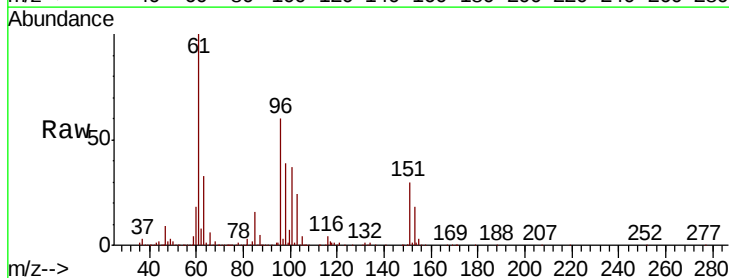
Tot Ion: 59 Resp: 227534
Ion Ratio Lower Upper
59 100
57 10.1 8.7 13.1

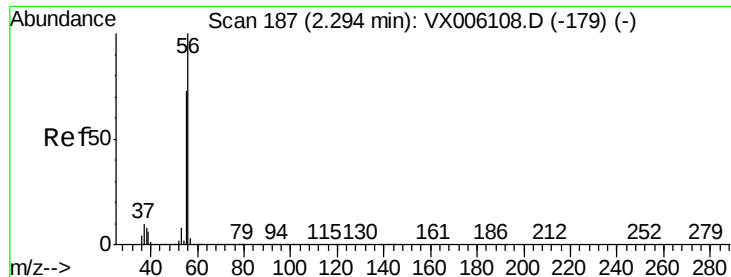


#12

1,1-Dichloroethene
Concen: 70.295 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006207.D
Acq: 27 Nov 2018 06:17

Tgt Ion: 96 Resp: 126458
Ion Ratio Lower Upper
96 100
61 166.0 138.2 207.4
98 65.1 51.3 76.9





#13

Acrolein

Concen: 287.281 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

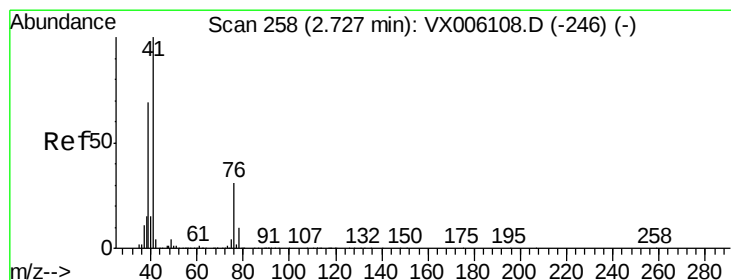
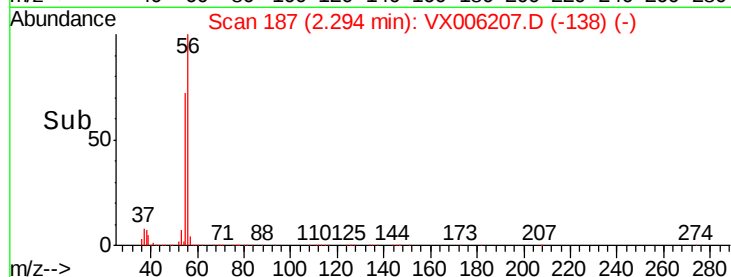
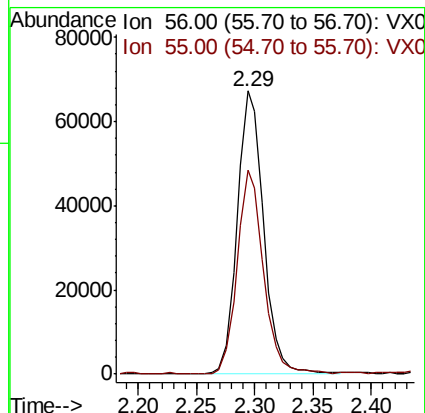
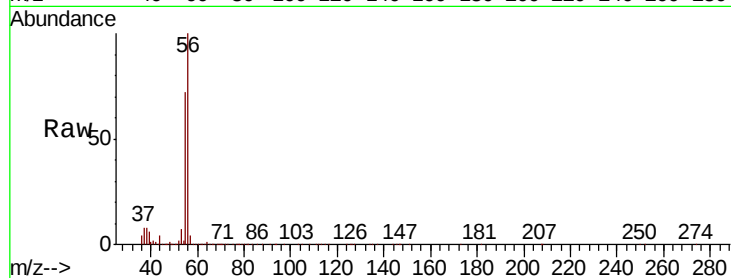
VSTDCCC050EC

Tot Ion: 56 Resp: 105571

Ion Ratio Lower Upper

56 100

55 71.5 57.8 86.6



#14

Allyl chloride

Concen: 73.092 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

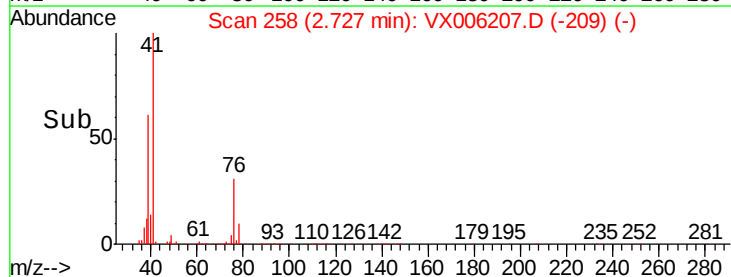
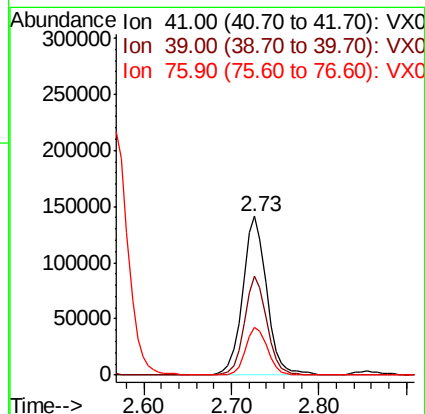
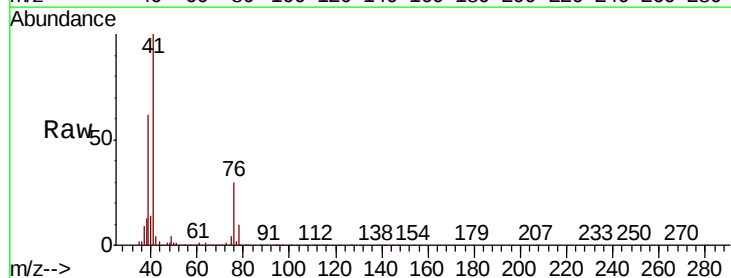
Tgt Ion: 41 Resp: 269017

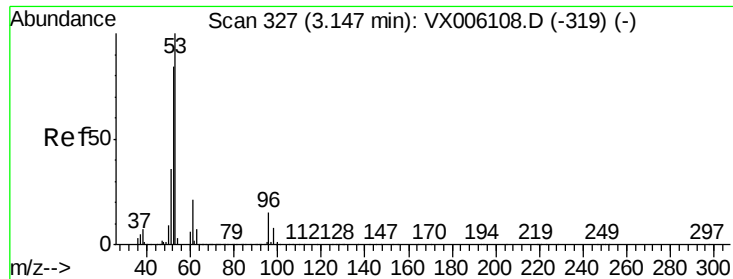
Ion Ratio Lower Upper

41 100

39 57.9 52.5 78.7

76 28.2 23.4 35.2





#15

Acrylonitrile

Concen: 378.786 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

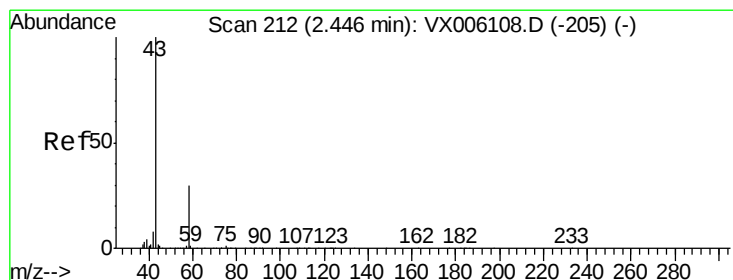
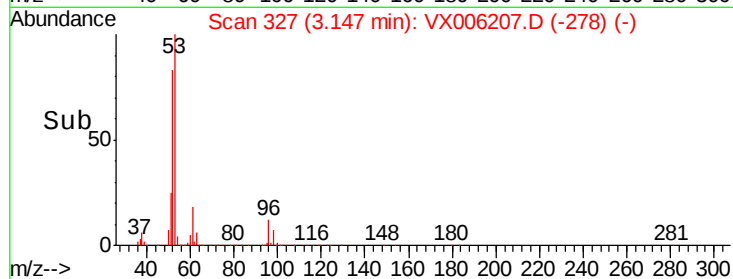
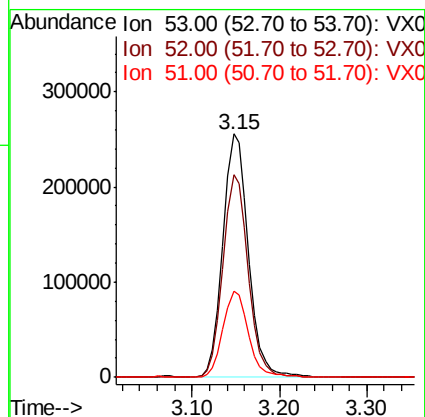
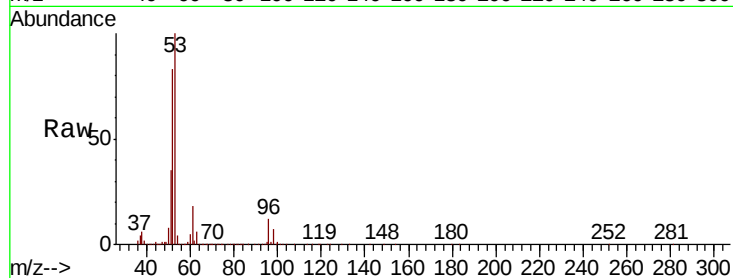
Tot Ion: 53 Resp: 513803

Ion Ratio Lower Upper

53 100

52 83.0 66.4 99.6

51 35.7 29.4 44.0



#16

Acetone

Concen: 348.403 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006207.D

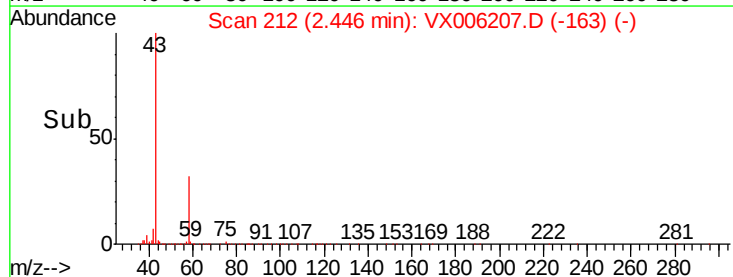
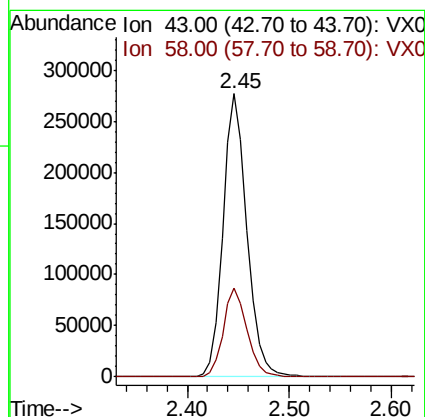
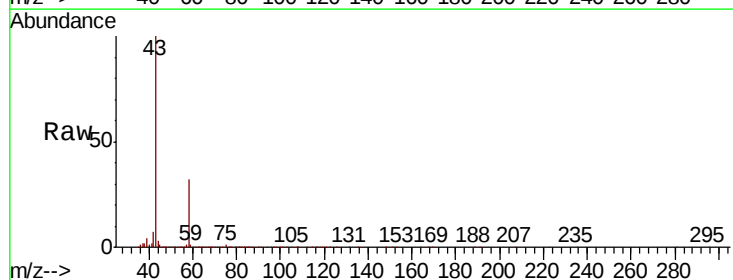
Acq: 27 Nov 2018 06:17

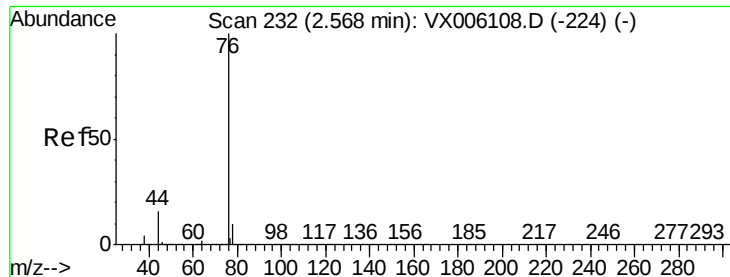
Tgt Ion: 43 Resp: 446321

Ion Ratio Lower Upper

43 100

58 31.5 23.8 35.8

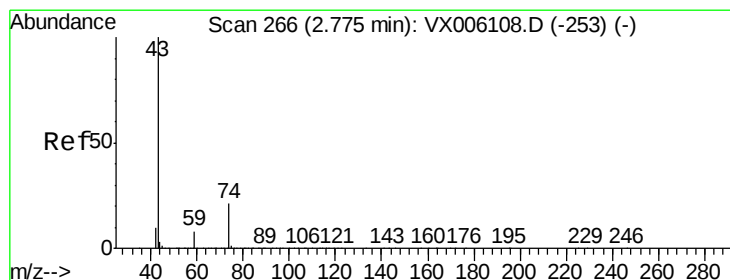
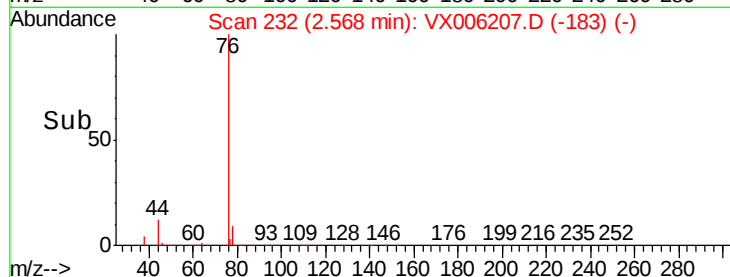
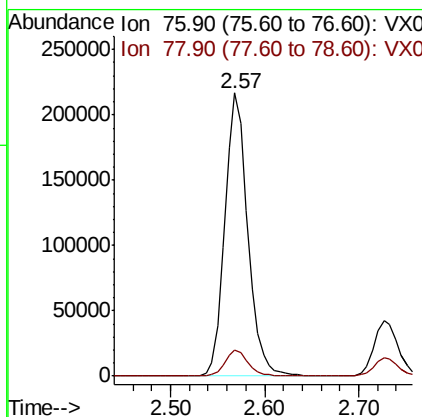
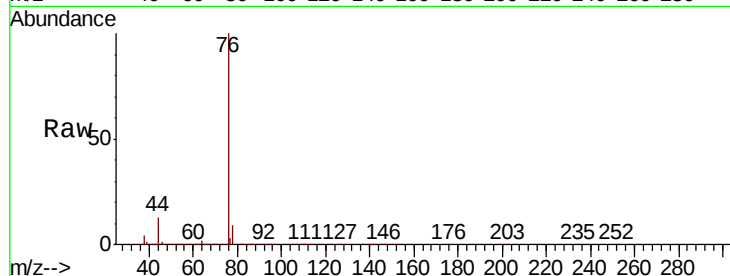




#17
Carbon Disulfide
Concen: 75.025 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX006207.D
Acq: 27 Nov 2018 06:17

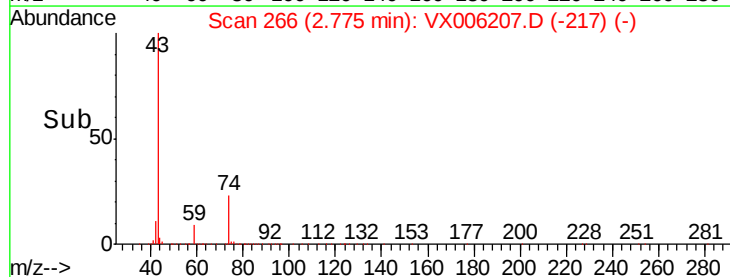
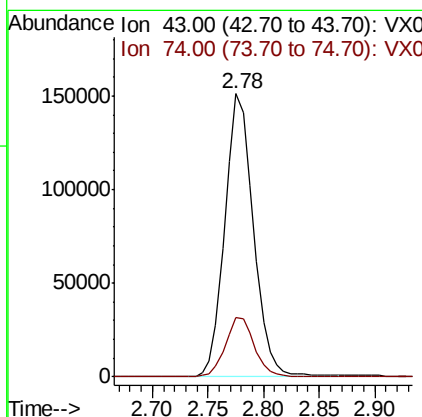
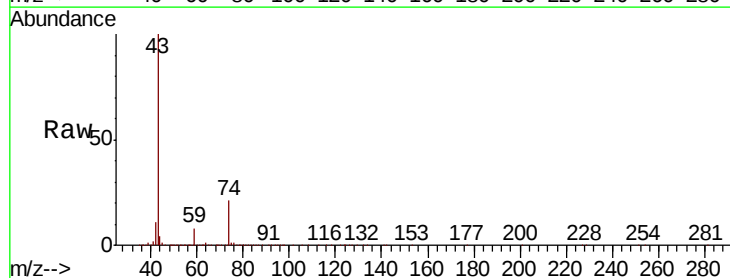
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

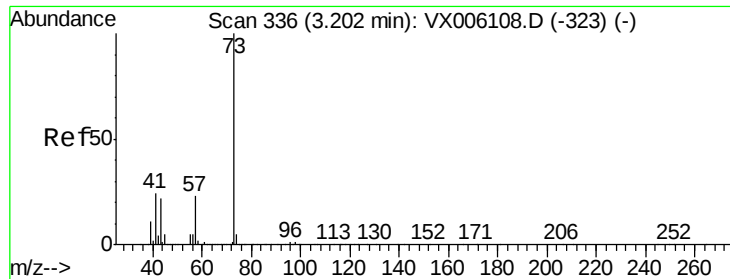
Tot Ion: 76 Resp: 364432
Ion Ratio Lower Upper
76 100
78 9.3 7.7 11.5



#18
Methyl Acetate
Concen: 81.673 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX006207.D
Acq: 27 Nov 2018 06:17

Tgt Ion: 43 Resp: 268307
Ion Ratio Lower Upper
43 100
74 21.6 17.3 25.9



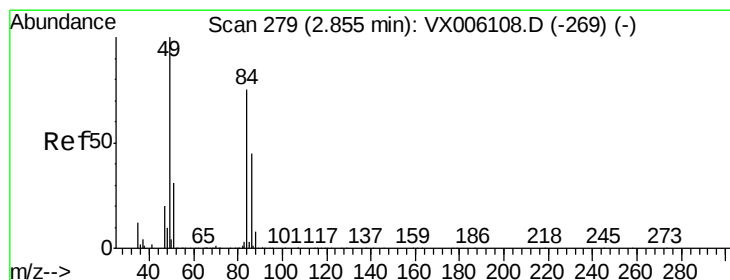
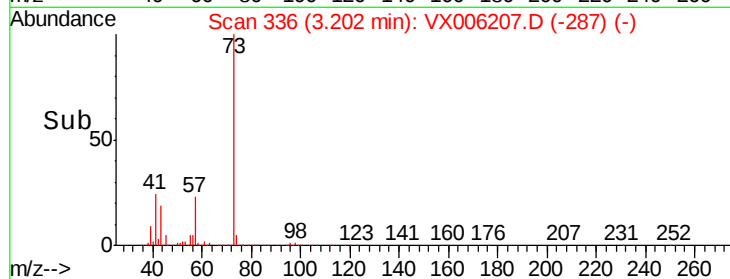
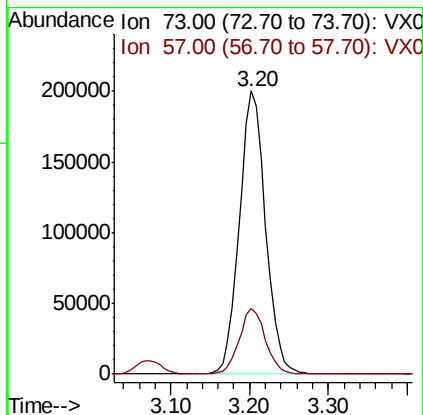
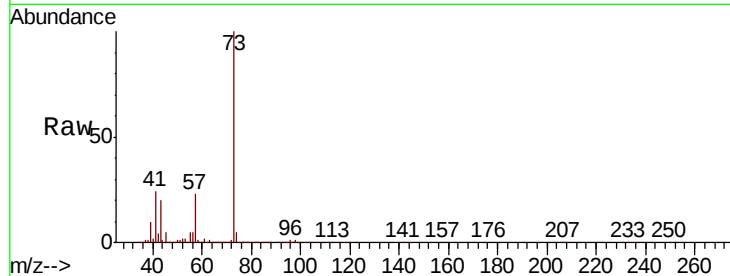


#19

Methyl tert-butyl Ether
 Concen: 74.369 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX006207.D
 Acq: 27 Nov 2018 06:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

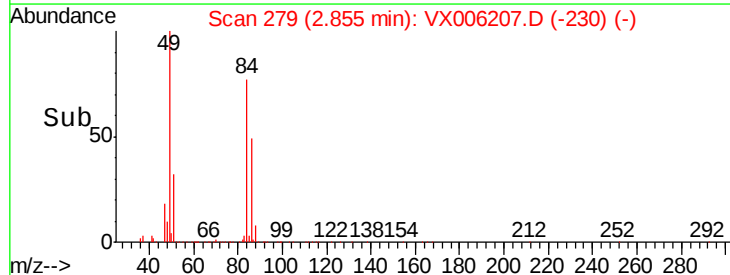
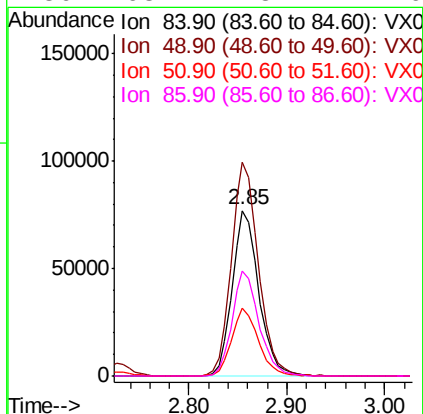
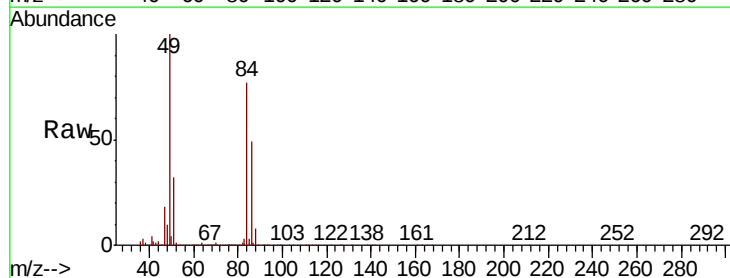
Tot Ion: 73 Resp: 462441
 Ion Ratio Lower Upper
 73 100
 57 23.1 18.2 27.4

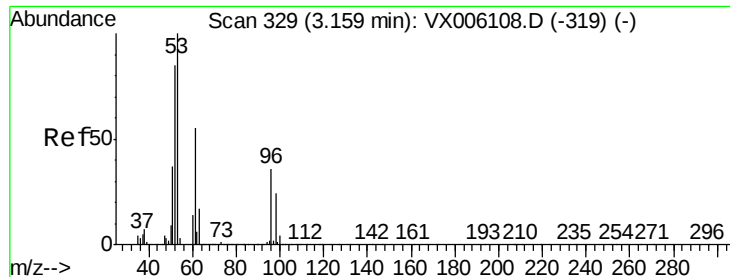


#20

Methylene Chloride
 Concen: 74.978 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX006207.D
 Acq: 27 Nov 2018 06:17

Tgt Ion: 84 Resp: 145043
 Ion Ratio Lower Upper
 84 100
 49 129.1 106.6 159.8
 51 40.9 32.6 49.0
 86 63.7 48.4 72.6





#21

trans-1,2-Dichloroethene

Concen: 74.212 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

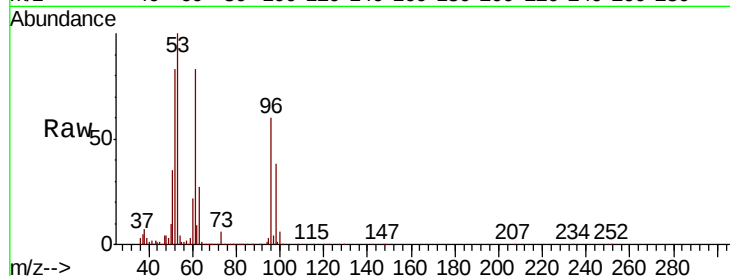
Tot Ion: 96 Resp: 139682

Ion Ratio Lower Upper

96 100

61 137.7 122.0 183.0

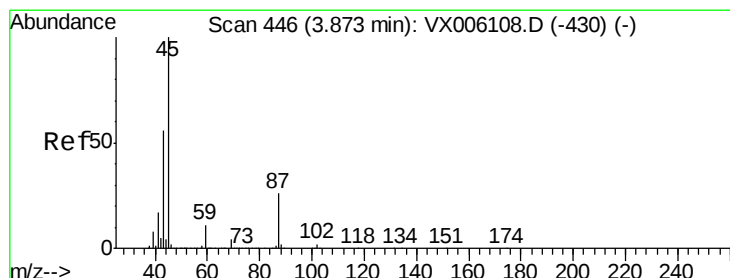
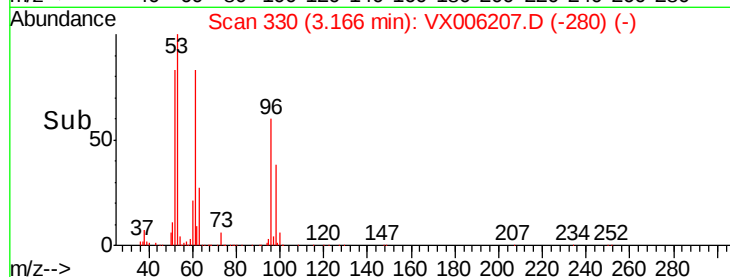
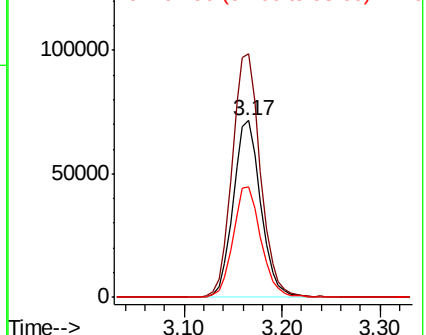
98 62.4 52.7 79.1



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: 51.263 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Tgt Ion: 45 Resp: 403893

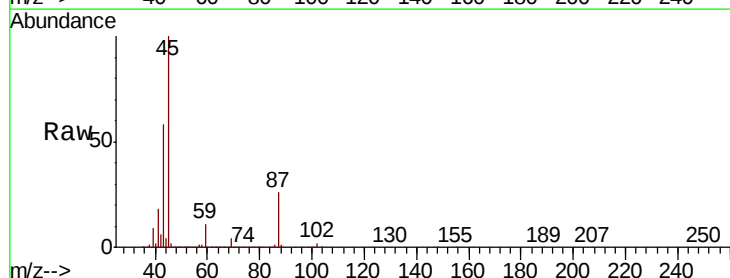
Ion Ratio Lower Upper

45 100

43 58.4 45.8 68.8

87 25.5 21.0 31.4

59 11.4 8.6 12.8

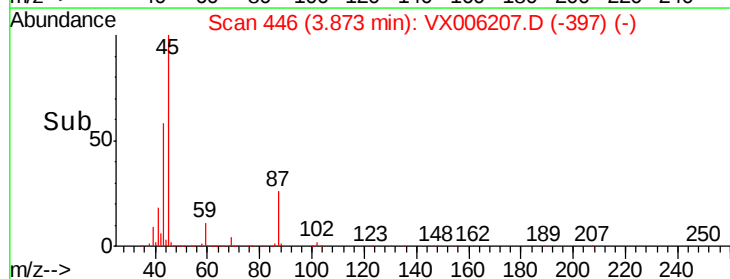
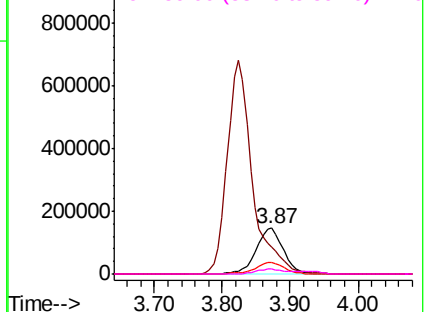


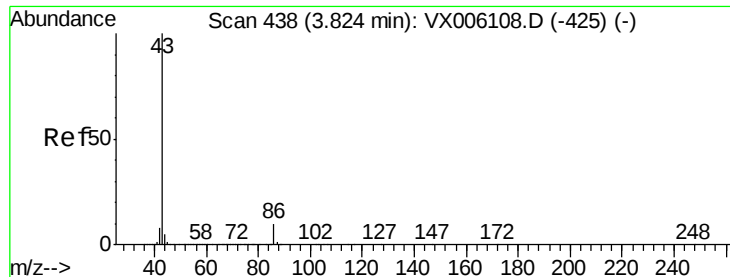
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 267.147 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

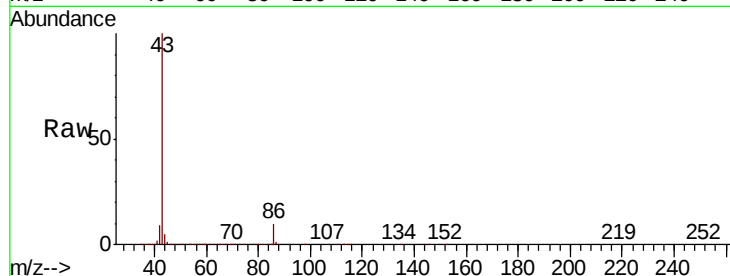
VSTDCCC050EC

Tot Ion: 43 Resp: 1746230

Ion Ratio Lower Upper

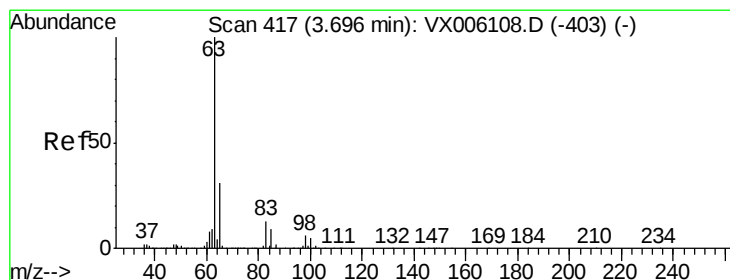
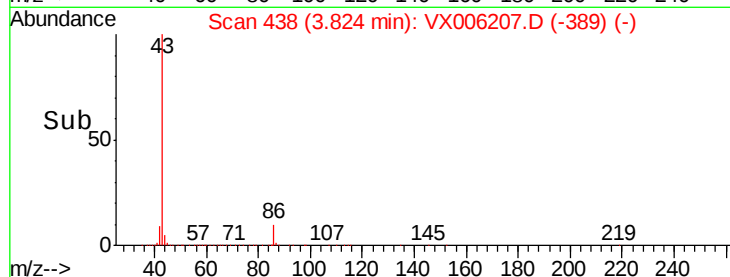
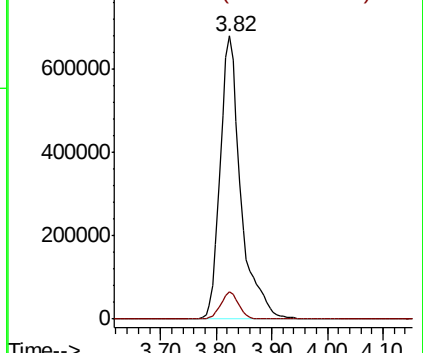
43 100

86 9.5 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 71.449 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

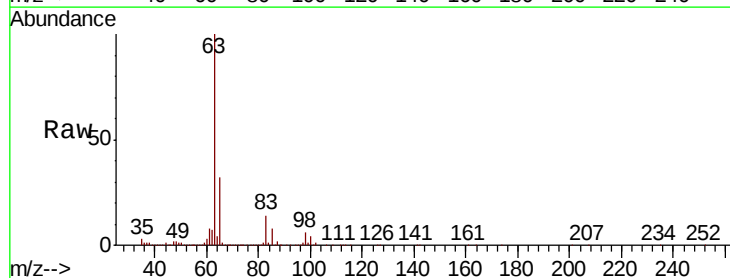
Tgt Ion: 63 Resp: 265210

Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.8

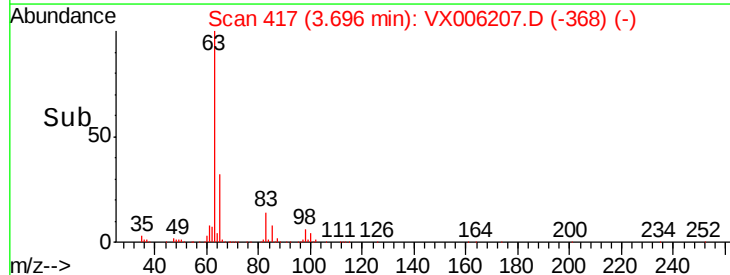
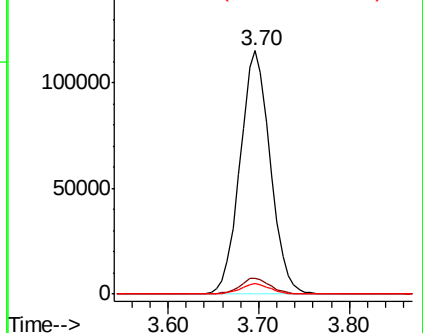
100 4.2 2.4 7.1

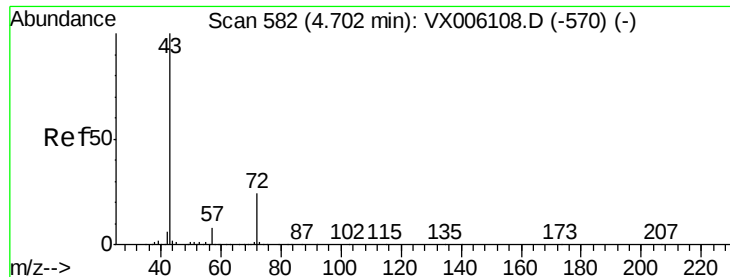


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

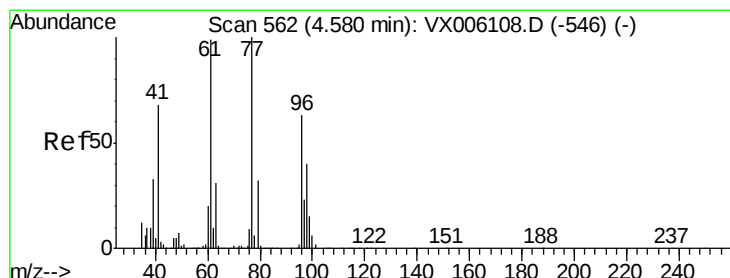
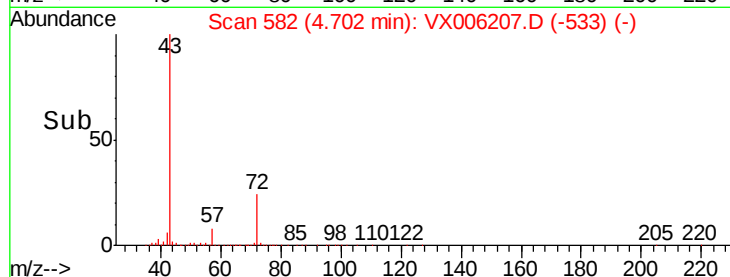
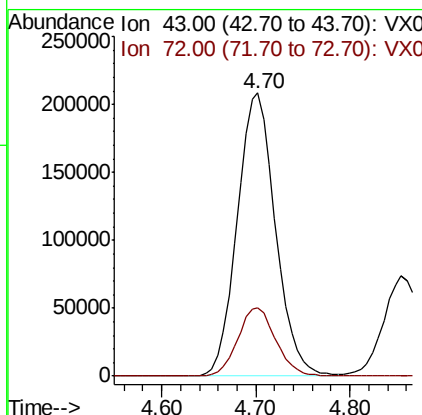
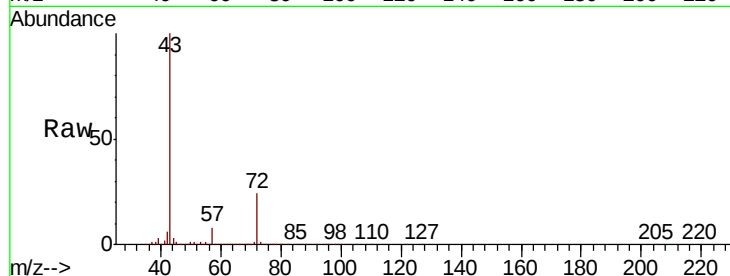




#25
2-Butanone
Concen: 248.307 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX006207.D
Acq: 27 Nov 2018 06:17

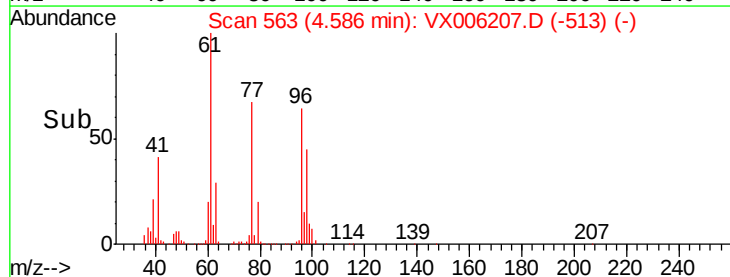
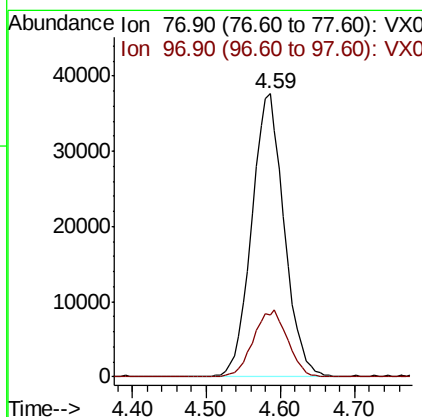
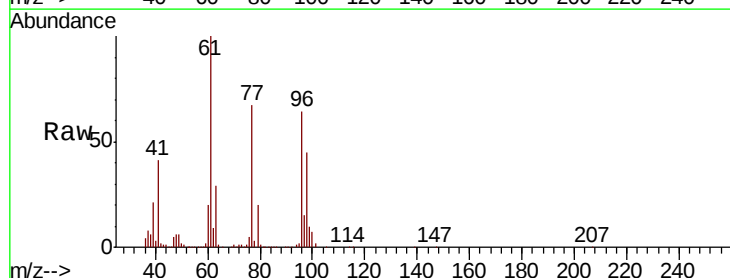
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

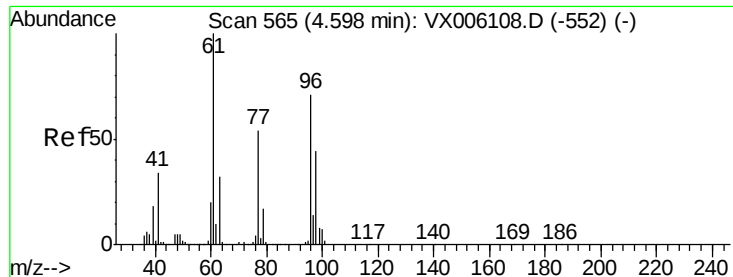
Tot Ion: 43 Resp: 590424
Ion Ratio Lower Upper
43 100
72 24.1 19.2 28.8



#26
2,2-Dichloropropane
Concen: 37.648 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.01 min
Lab File: VX006207.D
Acq: 27 Nov 2018 06:17

Tgt Ion: 77 Resp: 115176
Ion Ratio Lower Upper
77 100
97 24.9 11.9 35.5



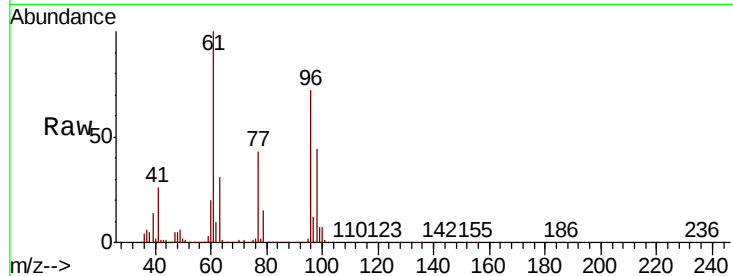


#27

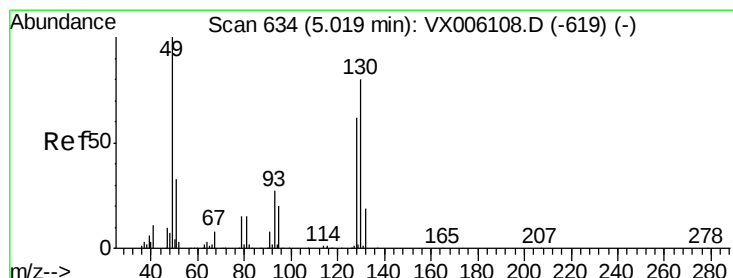
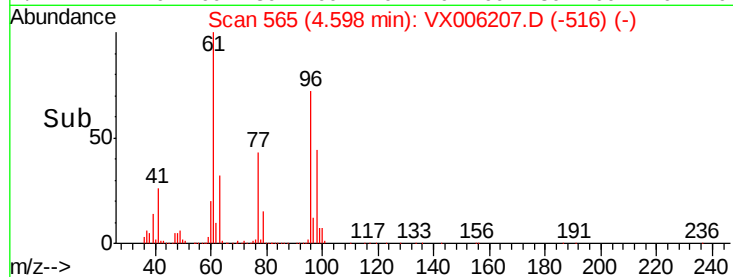
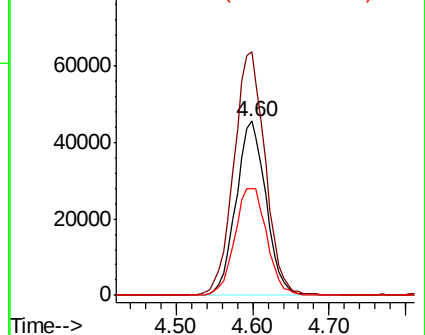
cis-1,2-Dichloroethene
 Concen: 47.029 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX006207.D
 Acq: 27 Nov 2018 06:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 96 Resp: 123720
 Ion Ratio Lower Upper
 96 100
 61 145.6 0.0 291.6
 98 65.8 0.0 128.2



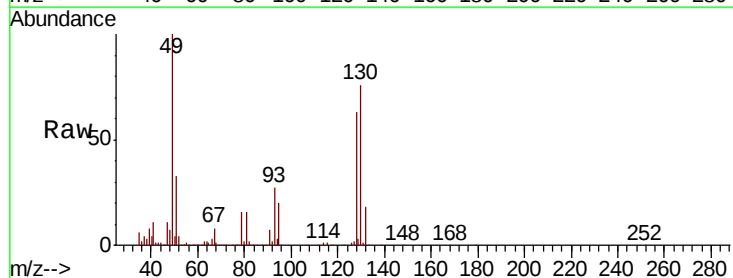
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



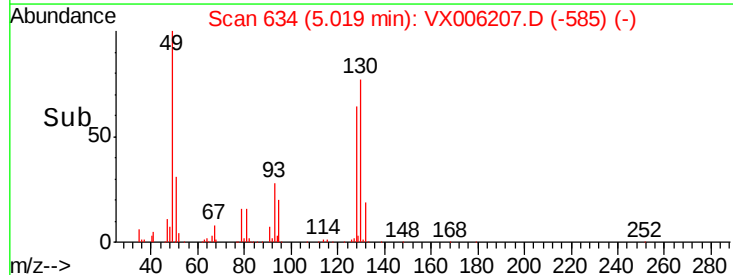
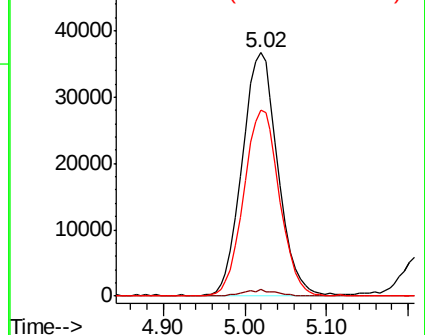
#28

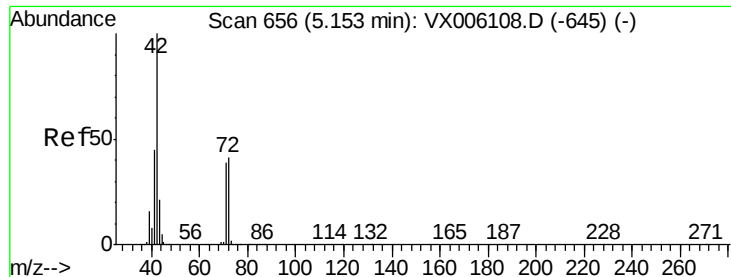
Bromochloromethane
 Concen: 51.419 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX006207.D
 Acq: 27 Nov 2018 06:17

Tgt Ion: 49 Resp: 111240
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.4
 130 76.7 61.6 92.4



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: 255.358 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

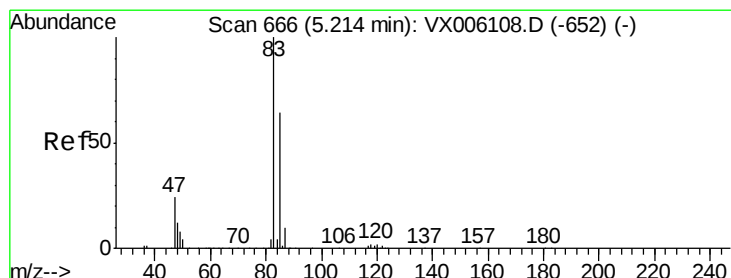
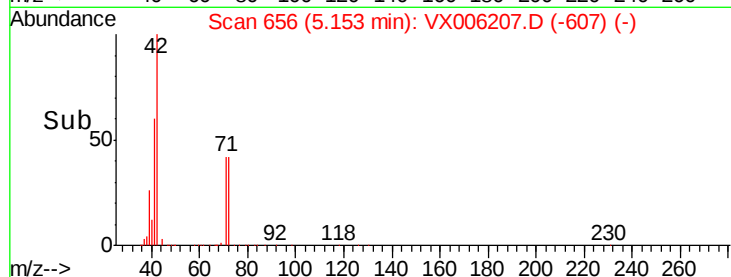
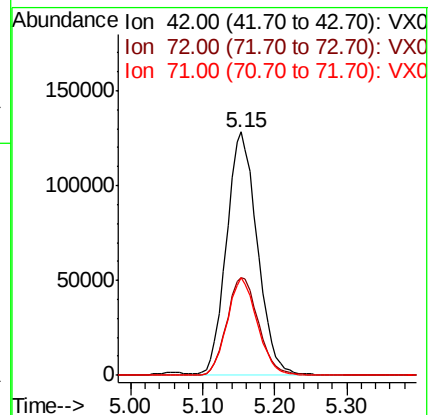
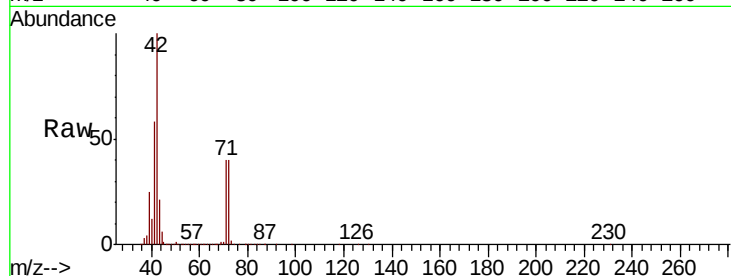
Tot Ion: 42 Resp: 378775

Ion Ratio Lower Upper

42 100

72 41.7 33.0 49.6

71 39.5 31.0 46.4



#30

Chloroform

Concen: 48.524 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006207.D

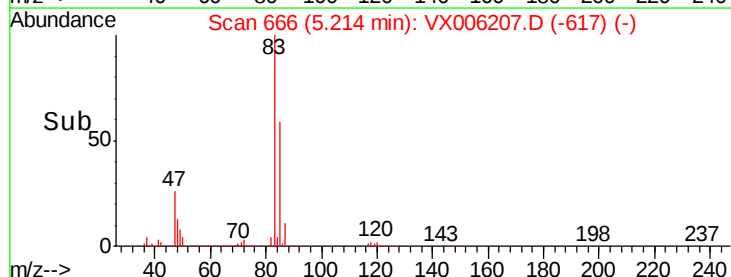
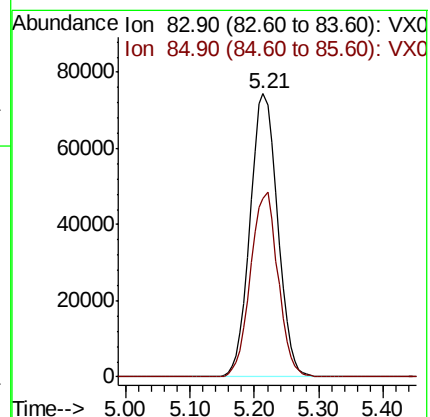
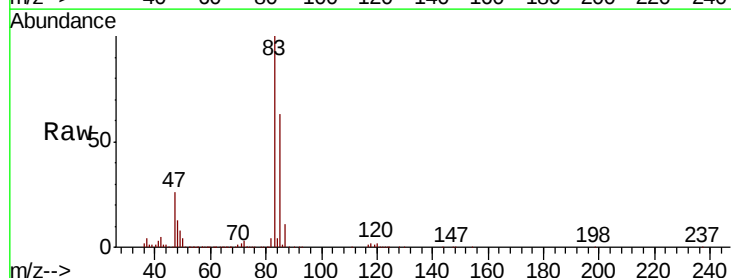
Acq: 27 Nov 2018 06:17

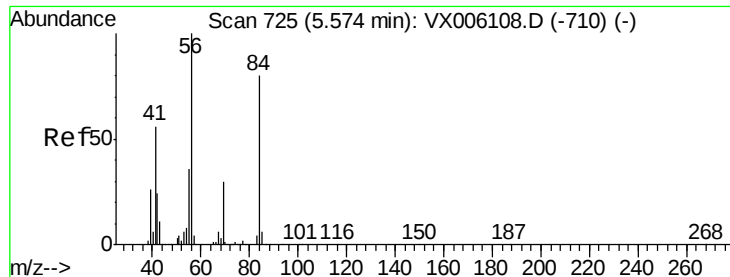
Tgt Ion: 83 Resp: 218267

Ion Ratio Lower Upper

83 100

85 63.2 51.0 76.4





#31

Cyclohexane

Concen: 47.162 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

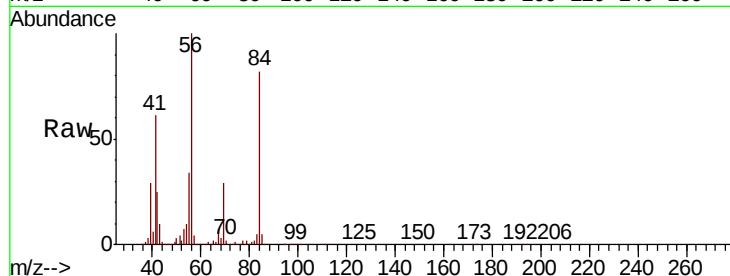
Tot Ion: 56 Resp: 182860

Ion Ratio Lower Upper

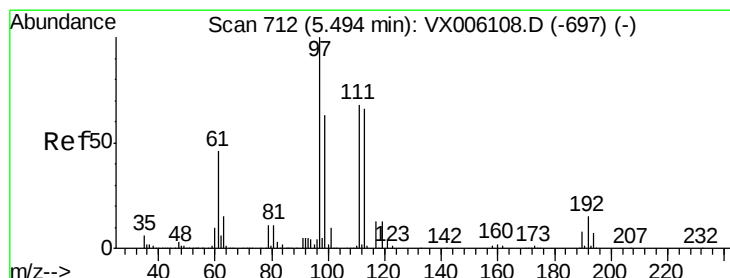
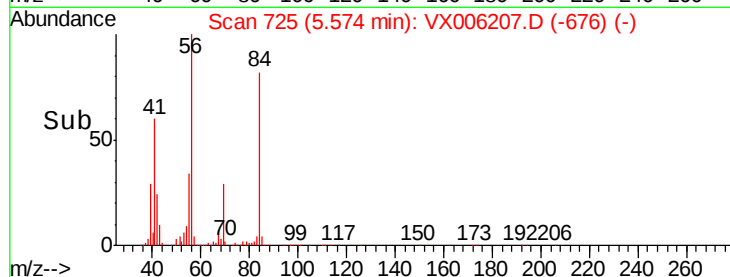
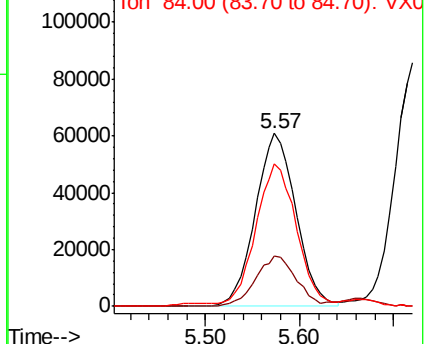
56 100

69 29.0 23.9 35.9

84 80.7 63.6 95.4



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



#32

1,1,1-Trichloroethane

Concen: 51.638 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

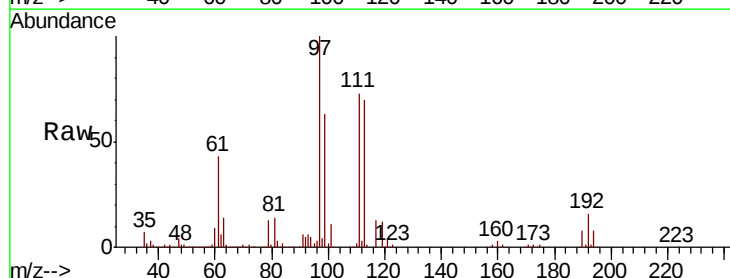
Tgt Ion: 97 Resp: 187553

Ion Ratio Lower Upper

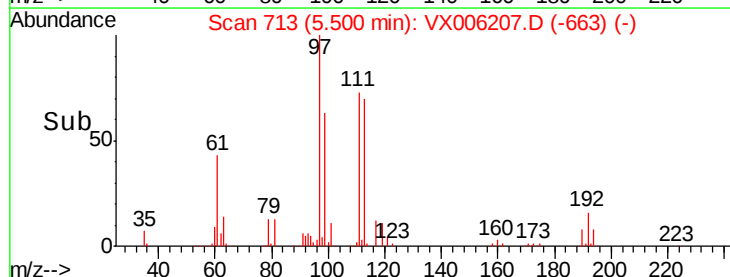
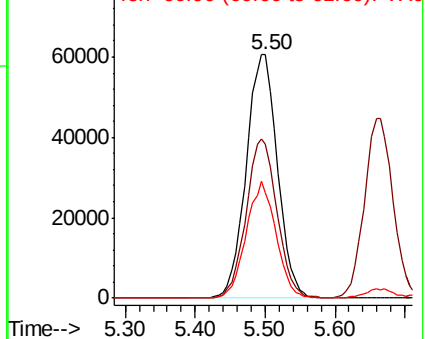
97 100

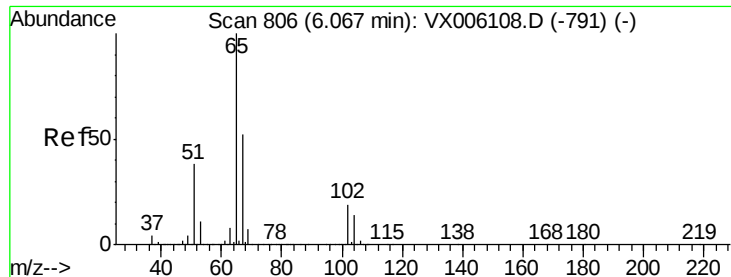
99 64.6 51.6 77.4

61 45.7 36.6 55.0



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





#33

1,2-Dichloroethane-d4

Concen: 53.769 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

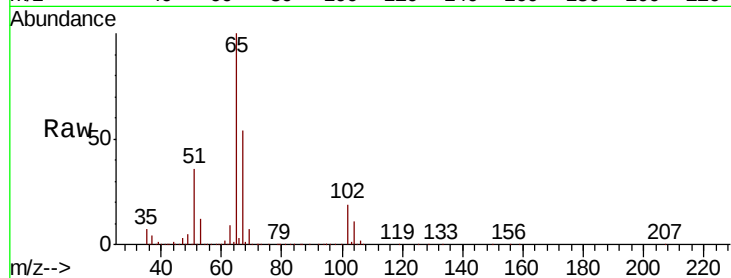
VSTDCCC050EC

Tot Ion: 65 Resp: 155226

Ion Ratio Lower Upper

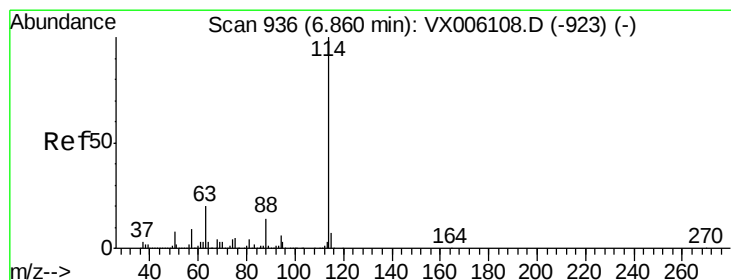
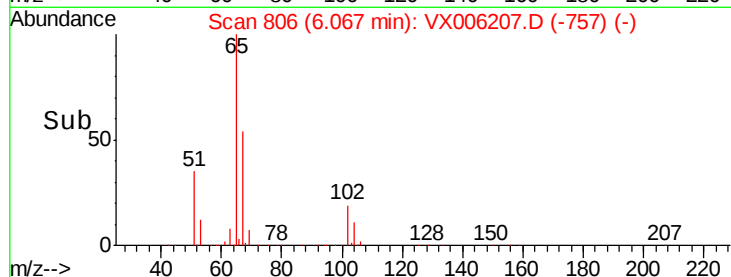
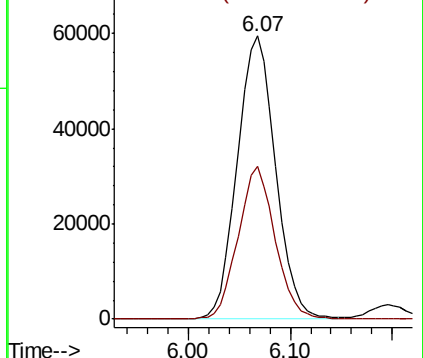
65 100

67 51.6 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

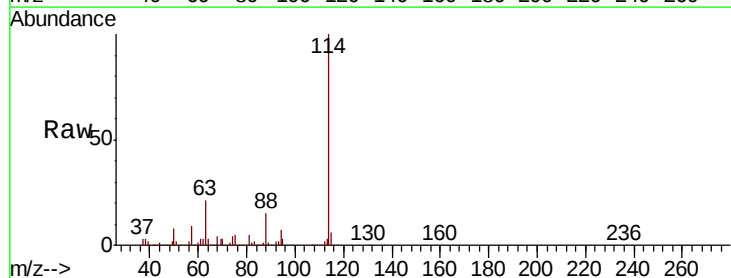
Tgt Ion: 114 Resp: 360695

Ion Ratio Lower Upper

114 100

63 21.1 0.0 39.2

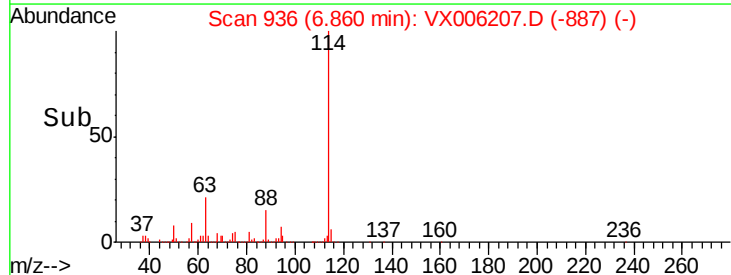
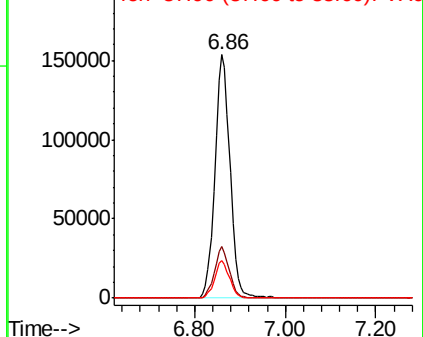
88 15.3 0.0 28.6

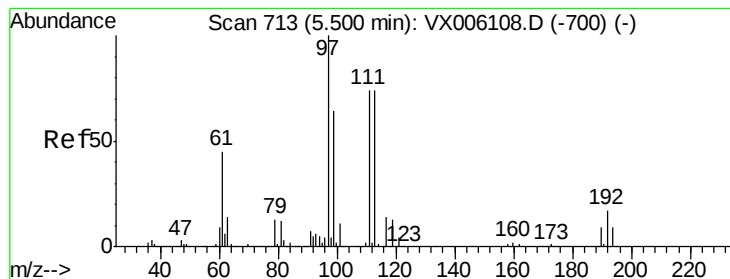


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.718 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

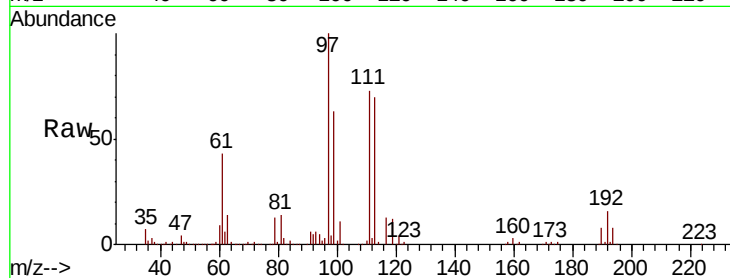
Tot Ion:113 Resp: 122062

Ion Ratio Lower Upper

113 100

111 103.1 81.5 122.3

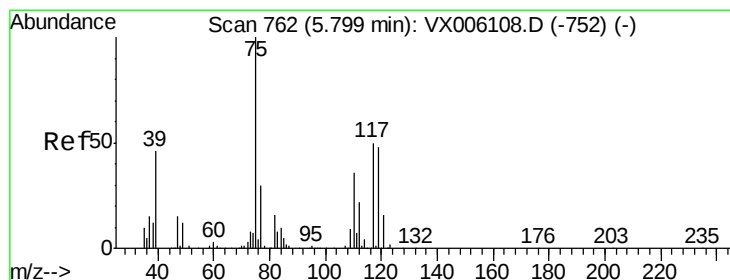
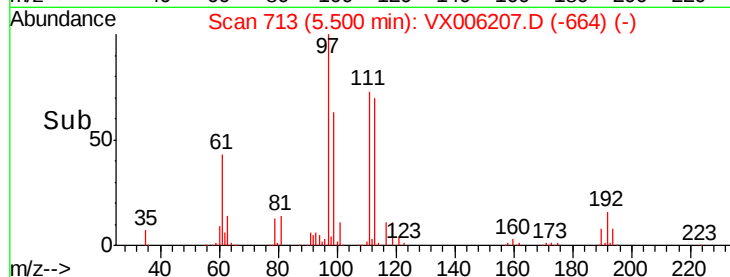
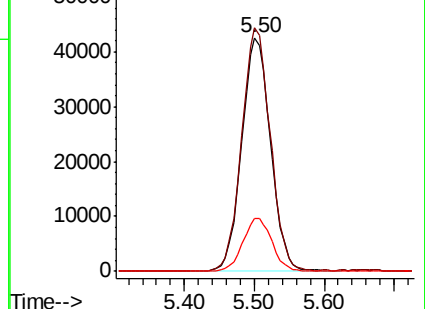
192 22.8 18.6 28.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.361 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

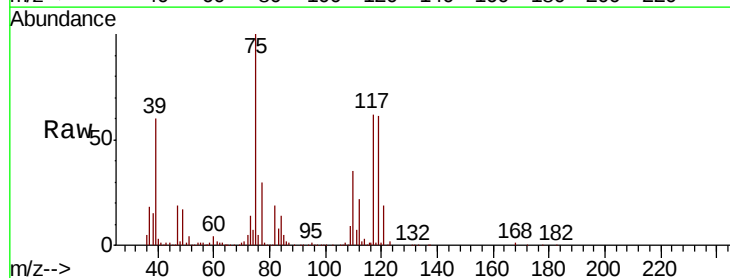
Tgt Ion: 75 Resp: 158695

Ion Ratio Lower Upper

75 100

110 36.3 17.8 53.3

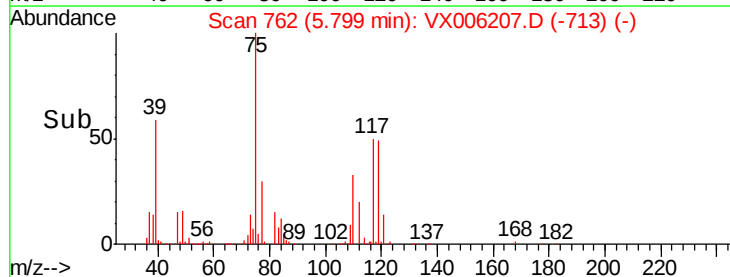
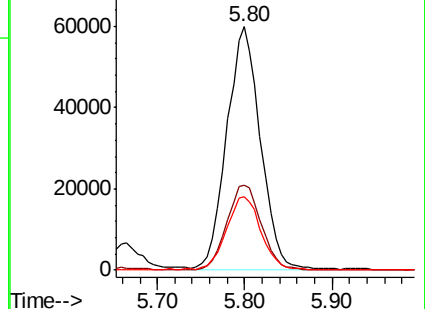
77 30.5 24.5 36.7

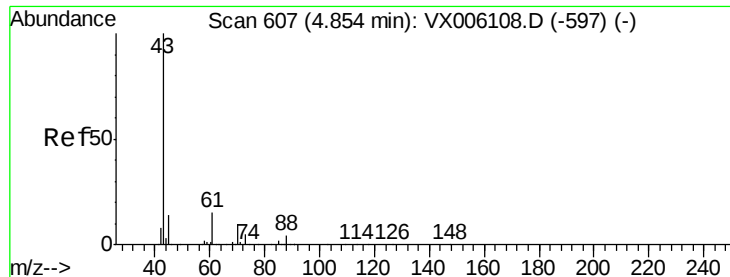


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

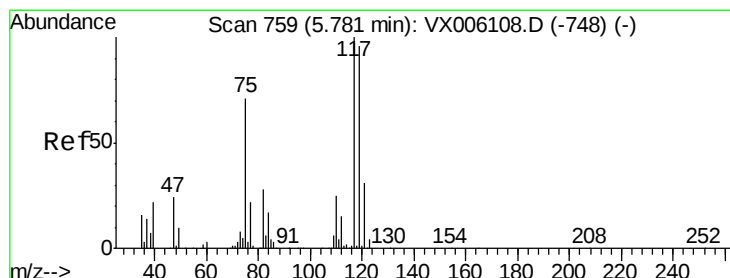
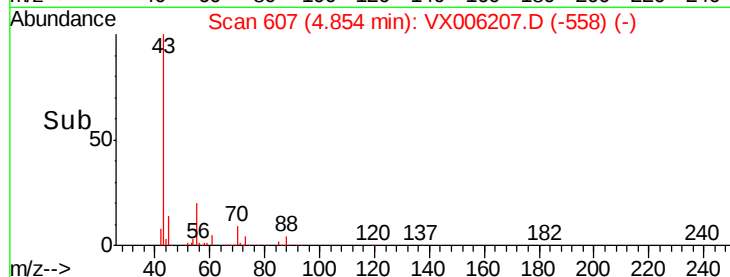
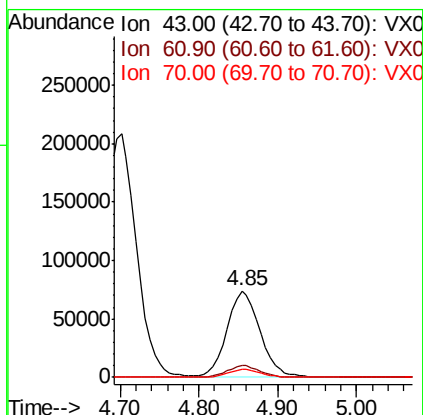
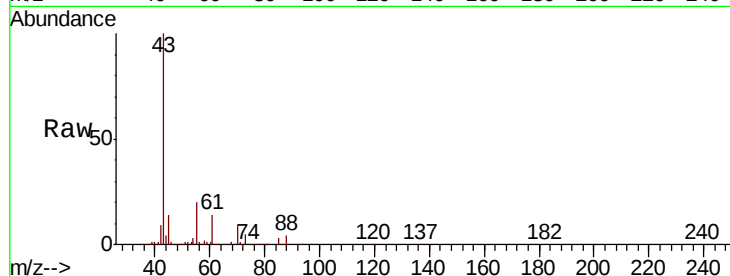




#37
Ethyl Acetate
Concen: 50.966 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006207.D
Acq: 27 Nov 2018 06:17

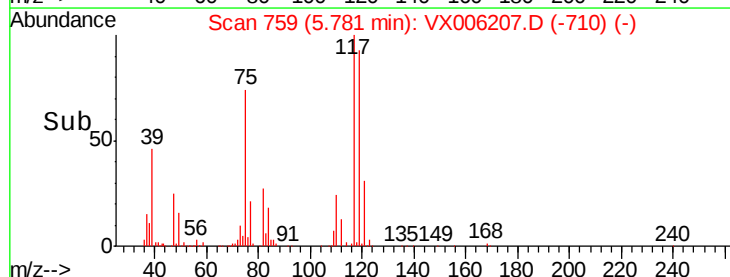
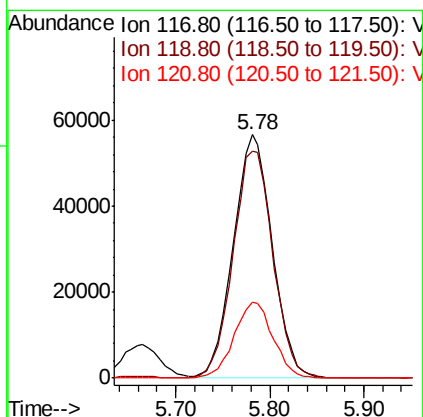
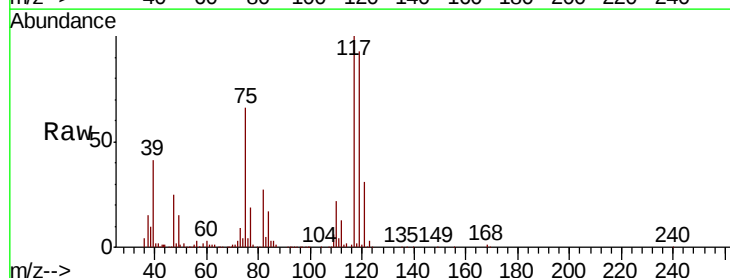
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

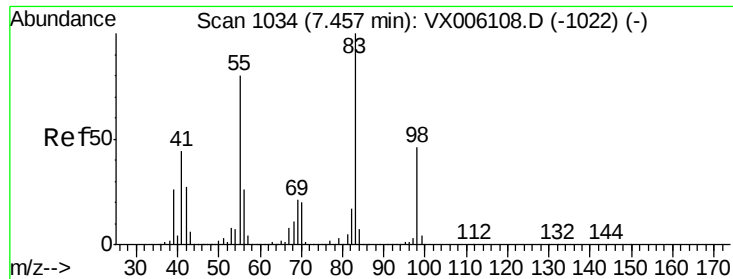
Tot Ion: 43 Resp: 215167
Ion Ratio Lower Upper
43 100
61 13.1 10.5 15.7
70 9.6 7.9 11.9



#38
Carbon Tetrachloride
Concen: 52.760 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006207.D
Acq: 27 Nov 2018 06:17

Tgt Ion: 117 Resp: 162728
Ion Ratio Lower Upper
117 100
119 93.3 76.3 114.5
121 31.2 24.7 37.1

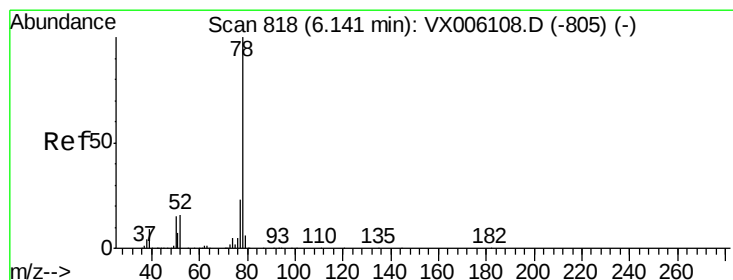
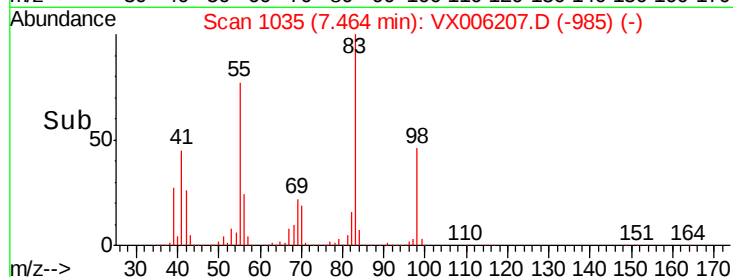
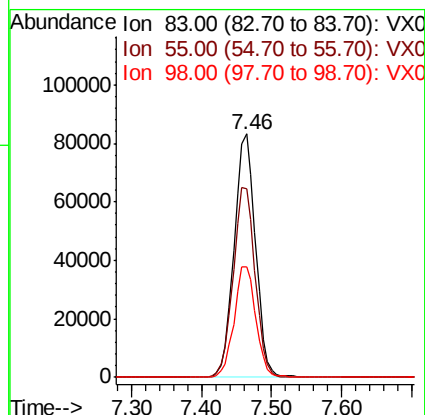
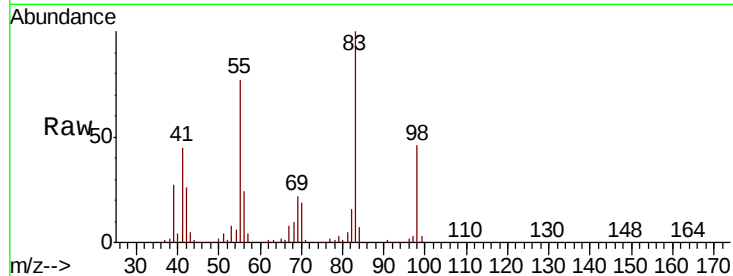




#39
Methvlcvclohexane
Concen: 47.230 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006207.D
Acq: 27 Nov 2018 06:17

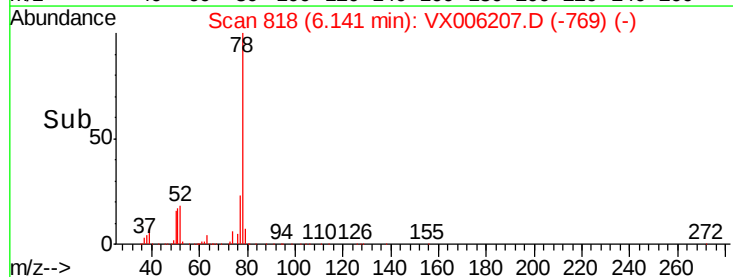
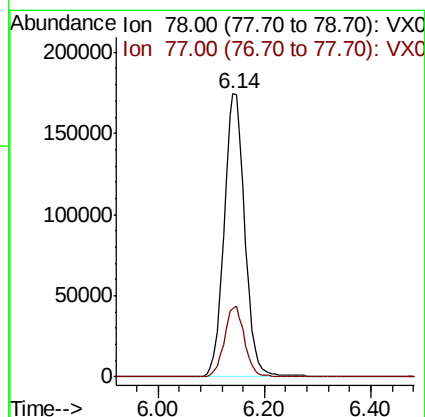
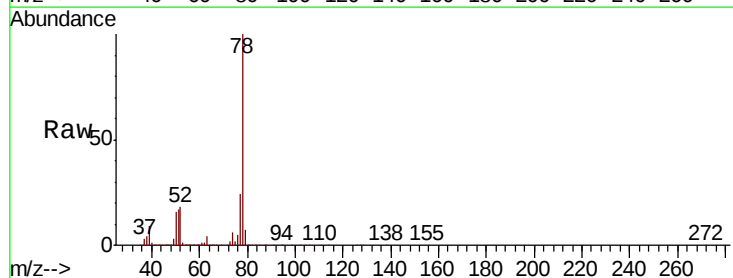
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

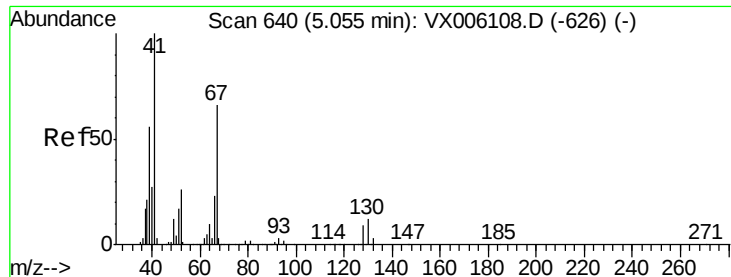
Tot Ion: 83 Resp: 176563
Ion Ratio Lower Upper
83 100
55 77.3 63.9 95.9
98 45.5 36.8 55.2



#40
Benzene
Concen: 49.241 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006207.D
Acq: 27 Nov 2018 06:17

Tgt Ion: 78 Resp: 476045
Ion Ratio Lower Upper
78 100
77 24.1 18.8 28.2

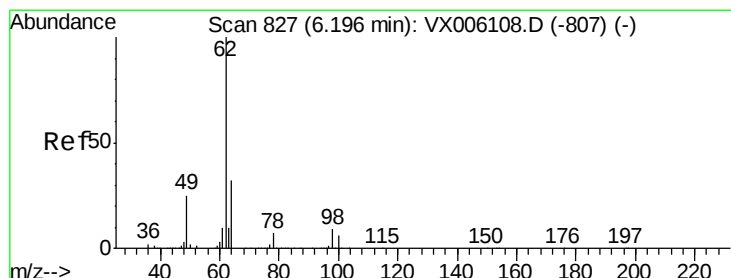
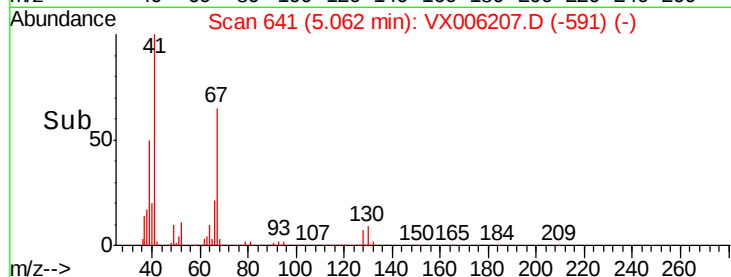
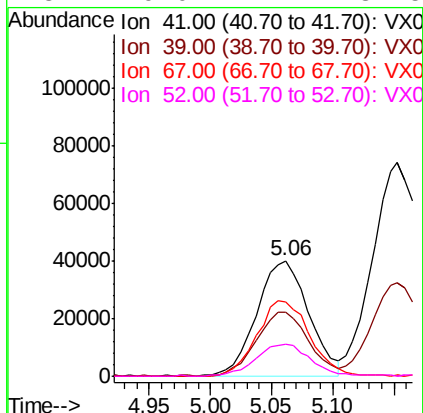
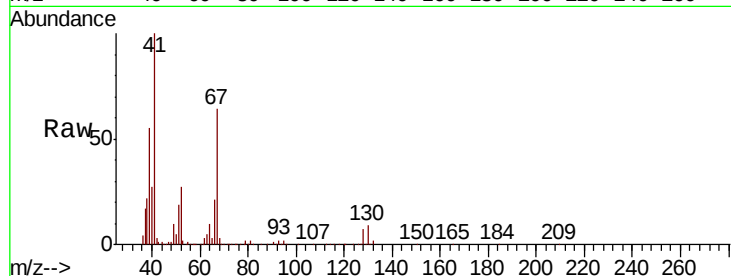




#41
Methacrylonitrile
Concen: 50.341 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX006207.D
Acq: 27 Nov 2018 06:17

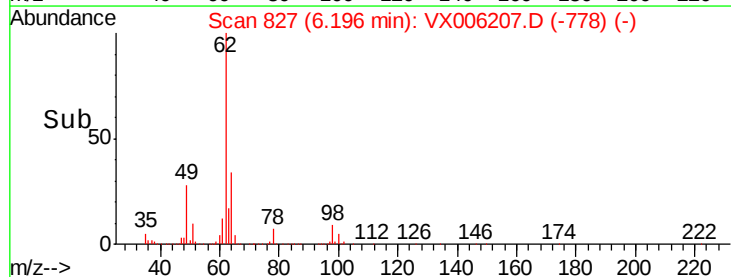
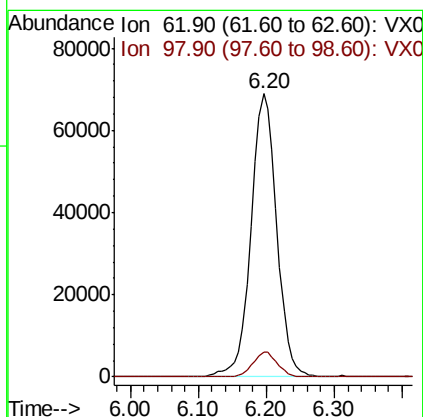
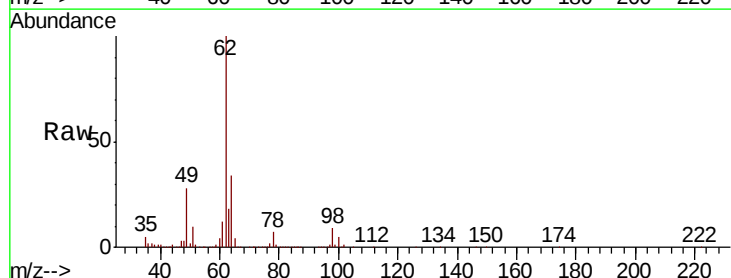
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

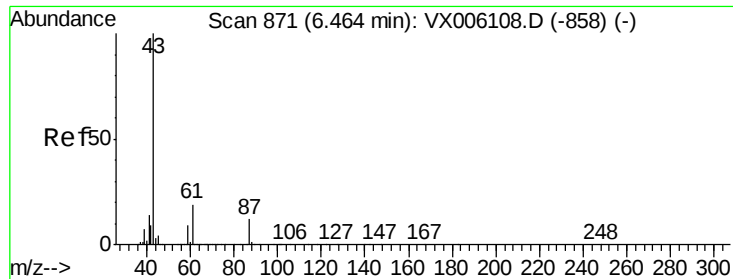
Tot Ion:	41	Resp:	117122
Ion	Ratio	Lower	Upper
41	100		
39	56.0	44.1	66.1
67	67.1	54.1	81.1
52	29.0	21.7	32.5



#42
1,2-Dichloroethane
Concen: 50.070 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX006207.D
Acq: 27 Nov 2018 06:17

Tgt Ion:	62	Resp:	180974
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.8



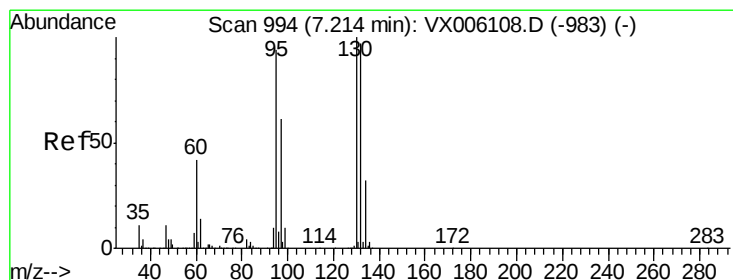
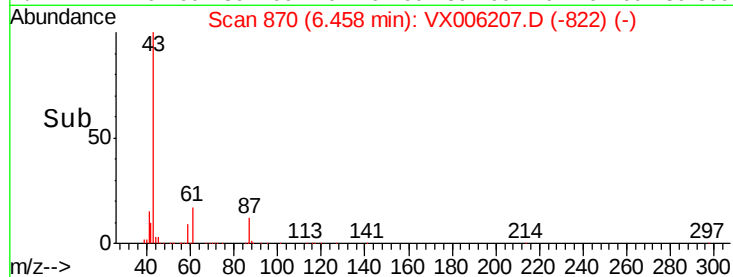
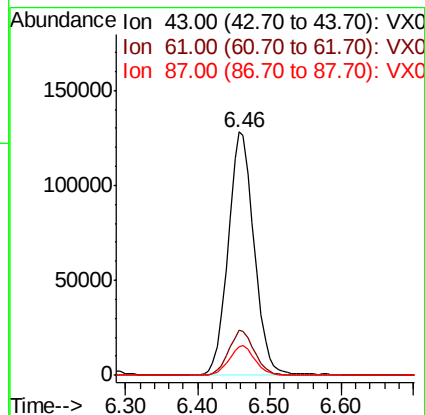
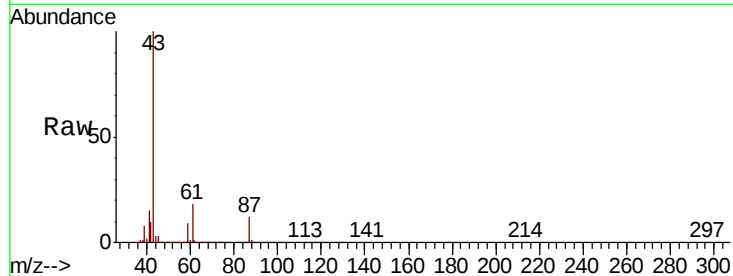


#43

Isopropyl Acetate
 Concen: 52.423 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: VX006207.D
 Acq: 27 Nov 2018 06:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

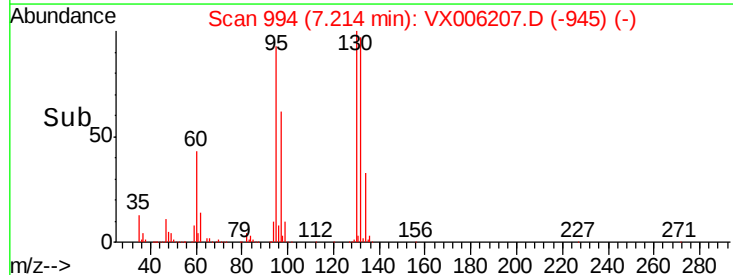
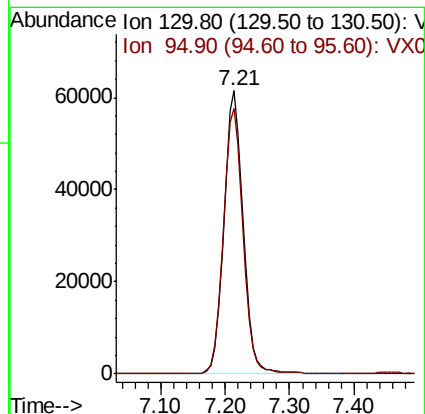
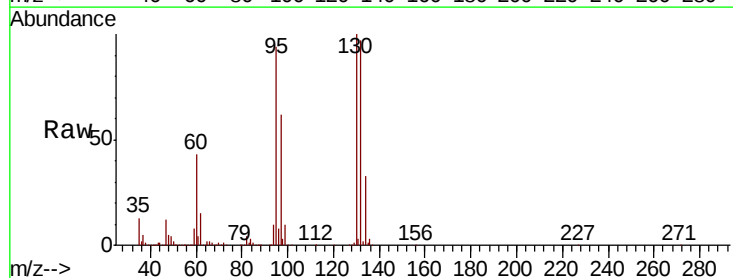
Tot Ion: 43 Resp: 319618
 Ion Ratio Lower Upper
 43 100
 61 18.7 15.2 22.8
 87 12.3 9.6 14.4

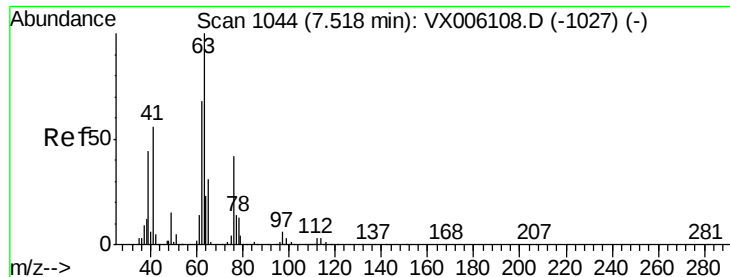


#44

Trichloroethene
 Concen: 48.372 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006207.D
 Acq: 27 Nov 2018 06:17

Tgt Ion: 130 Resp: 129975
 Ion Ratio Lower Upper
 130 100
 95 93.6 0.0 188.8





#45

1,2-Dichloropropane

Concen: 50.019 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

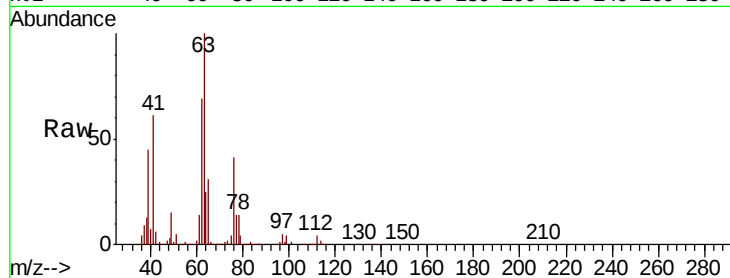
VSTDCCC050EC

Tot Ion: 63 Resp: 127976

Ion Ratio Lower Upper

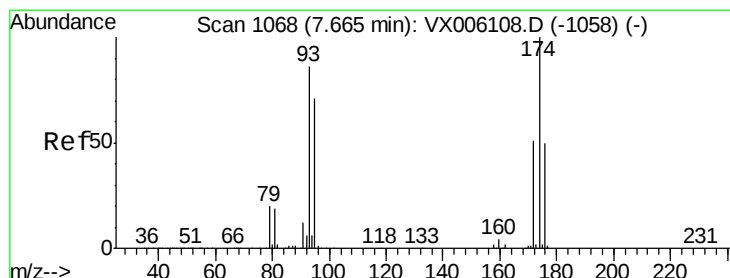
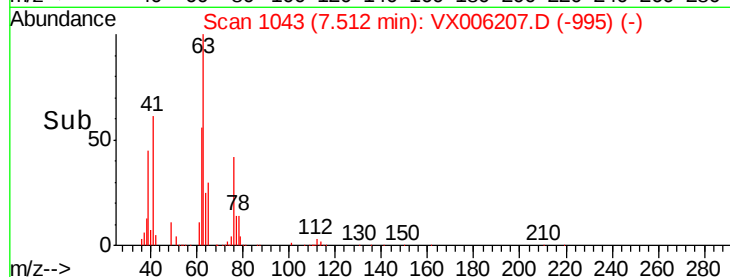
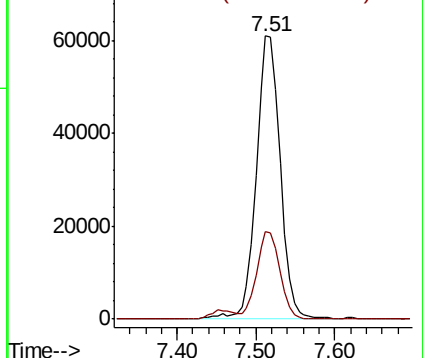
63 100

65 31.0 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.546 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

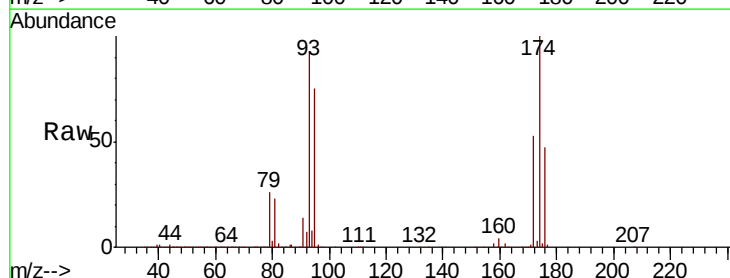
Tgt Ion: 93 Resp: 86813

Ion Ratio Lower Upper

93 100

95 83.9 66.3 99.5

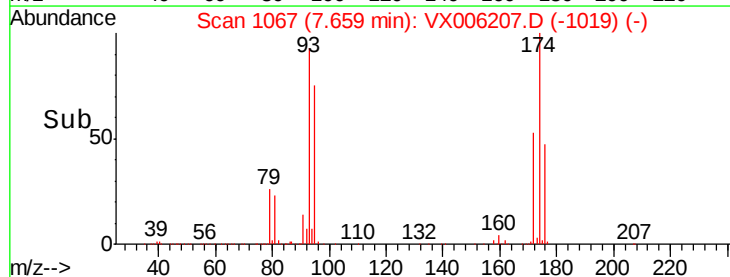
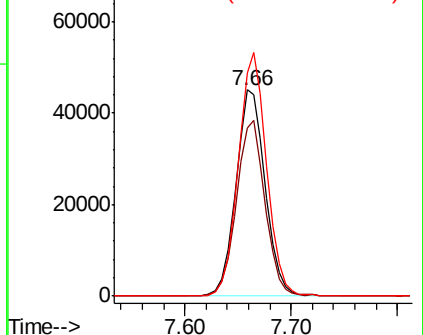
174 114.1 91.0 136.6

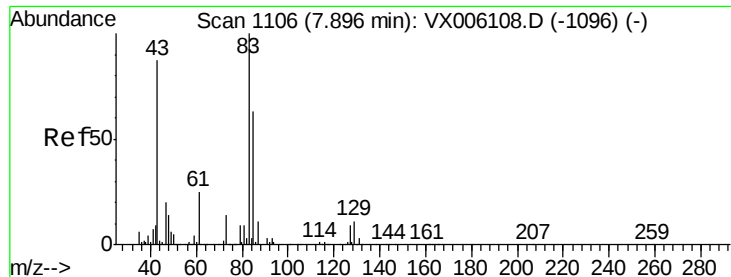


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

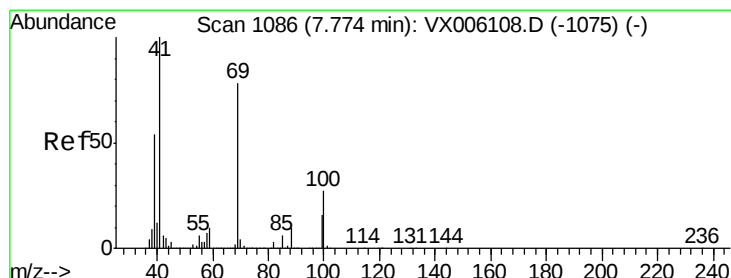
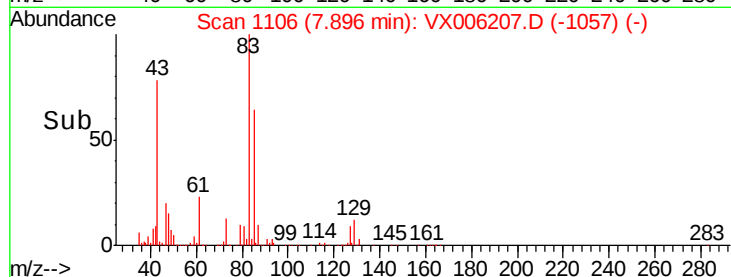
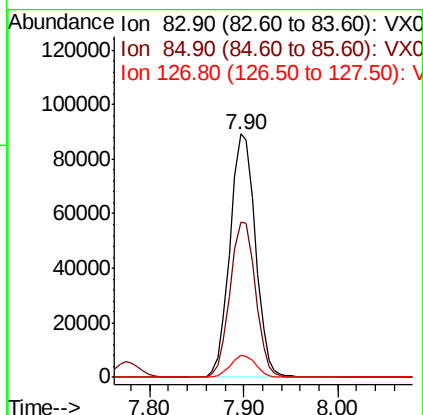
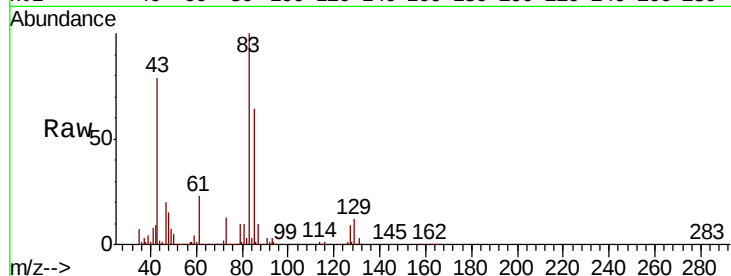




#47
Bromodichloromethane
Concen: 51.907 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX006207.D
Acq: 27 Nov 2018 06:17

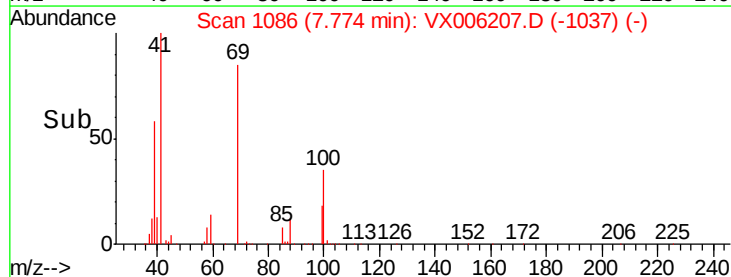
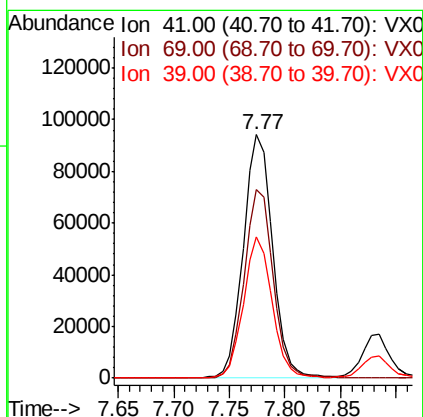
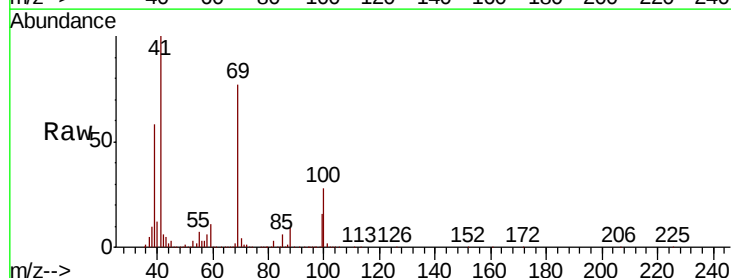
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

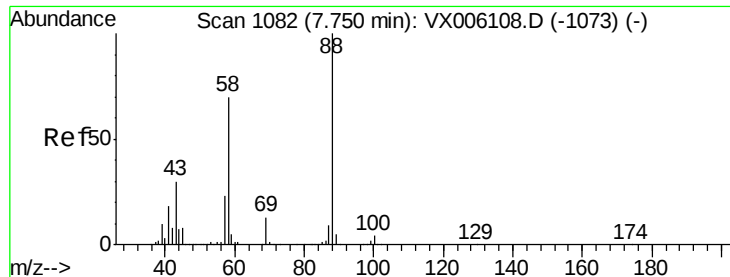
Tot Ion: 83 Resp: 168212
Ion Ratio Lower Upper
83 100
85 63.8 50.4 75.6
127 9.0 7.0 10.4



#48
Methyl methacrylate
Concen: 55.625 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX006207.D
Acq: 27 Nov 2018 06:17

Tgt Ion: 41 Resp: 172001
Ion Ratio Lower Upper
41 100
69 77.5 62.8 94.2
39 56.7 43.8 65.6

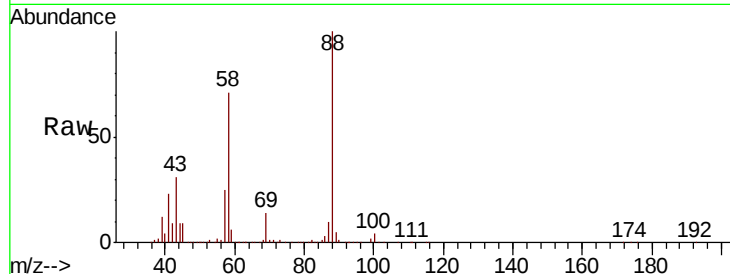




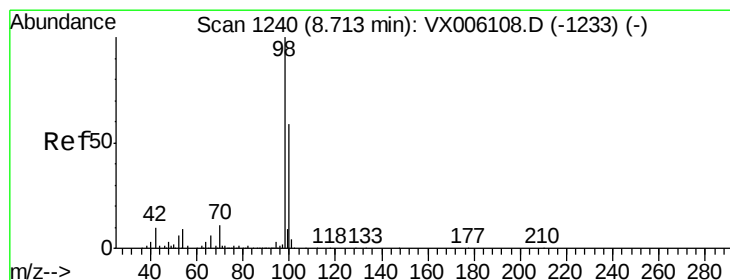
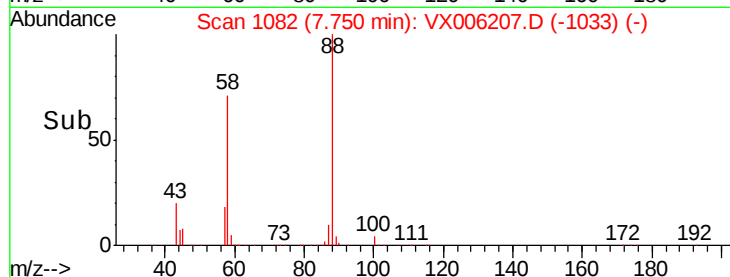
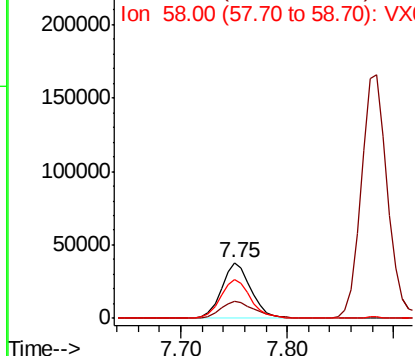
#49
 1,4-Dioxane
 Concen: 976.758 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. 0.00 min
 Lab File: VX006207.D
 Acq: 27 Nov 2018 06:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 88 Resp: 71655
 Ion Ratio Lower Upper
 88 100
 43 35.4 26.7 40.1
 58 72.3 58.5 87.7

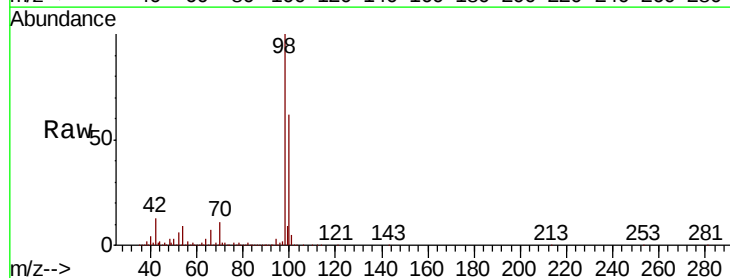


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

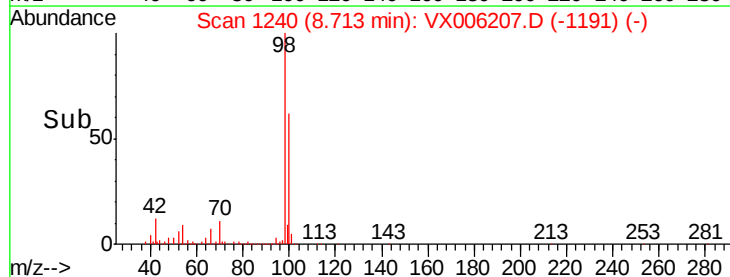
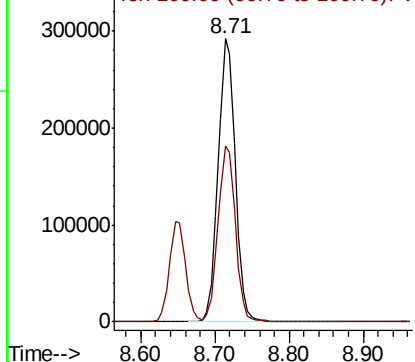


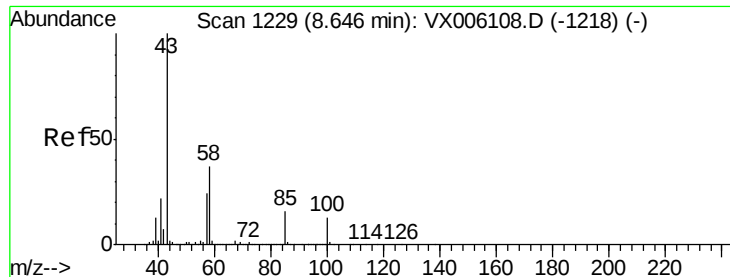
#50
 Toluene-d8
 Concen: 52.486 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX006207.D
 Acq: 27 Nov 2018 06:17

Tgt Ion: 98 Resp: 463514
 Ion Ratio Lower Upper
 98 100
 100 62.9 51.0 76.4



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





#51

4-Methyl-2-Pentanone

Concen: 266.507 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

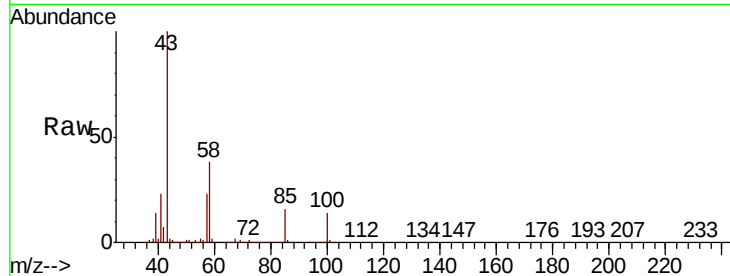
VSTDCCC050EC

Tot Ion: 43 Resp: 1164872

Ion Ratio Lower Upper

43 100

58 37.3 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

800000

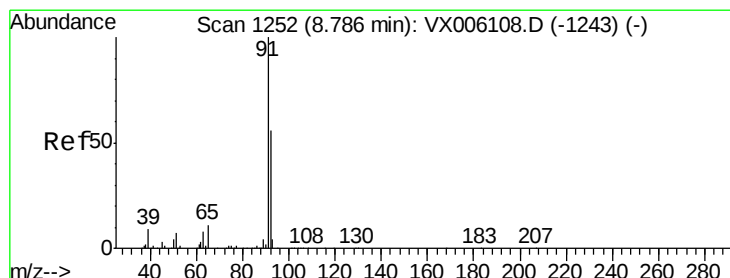
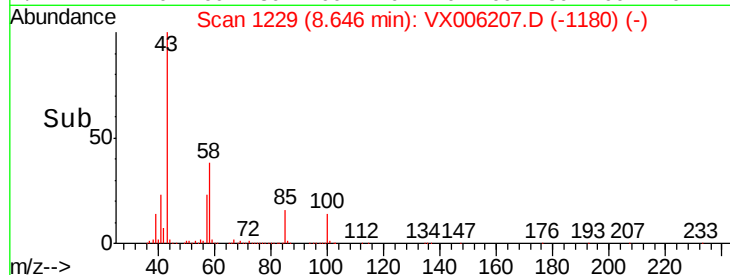
600000

400000

200000

0

Time--> 8.50 8.60 8.70 8.80



#52

Toluene

Concen: 50.816 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006207.D

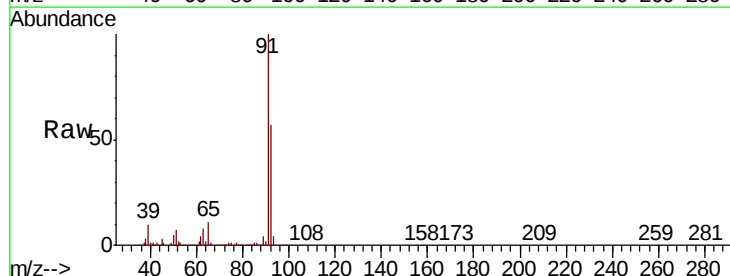
Acq: 27 Nov 2018 06:17

Tgt Ion: 92 Resp: 303865

Ion Ratio Lower Upper

92 100

91 176.9 142.5 213.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

400000

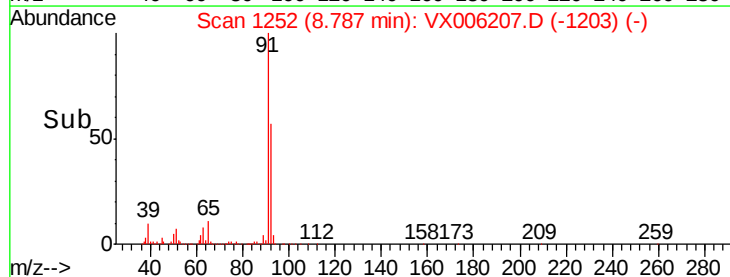
300000

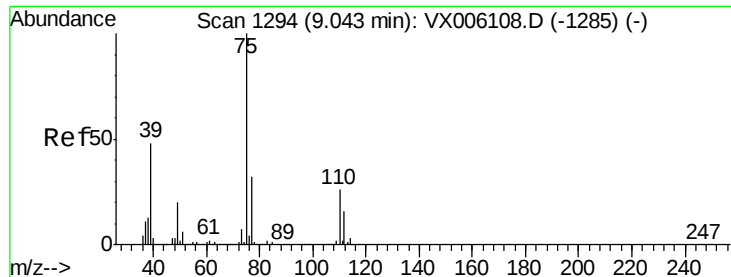
200000

100000

0

Time--> 8.70 8.80 8.90

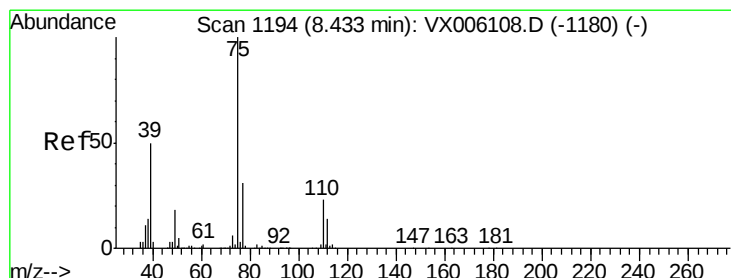
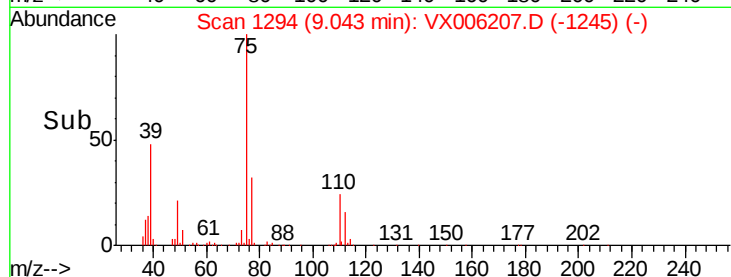
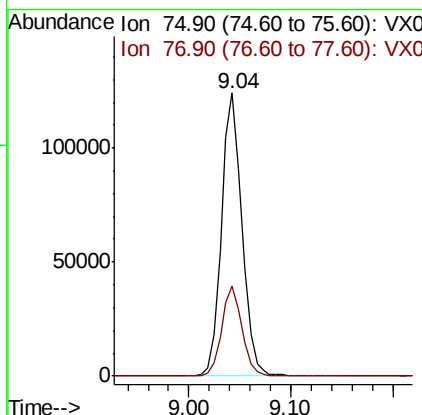
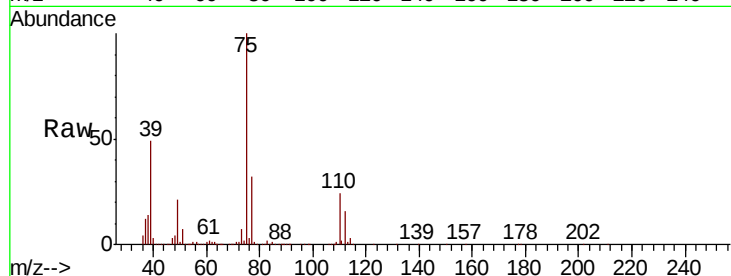




#53
 t-1,3-Dichloropropene
 Concen: 51.414 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX006207.D
 Acq: 27 Nov 2018 06:17

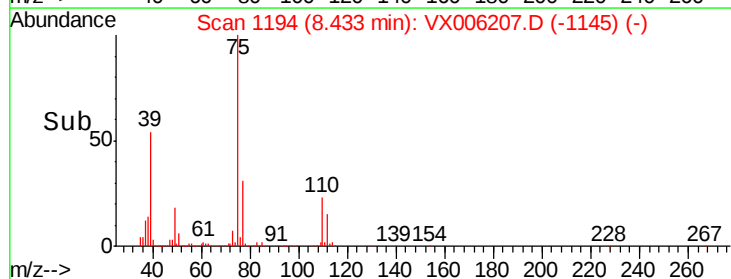
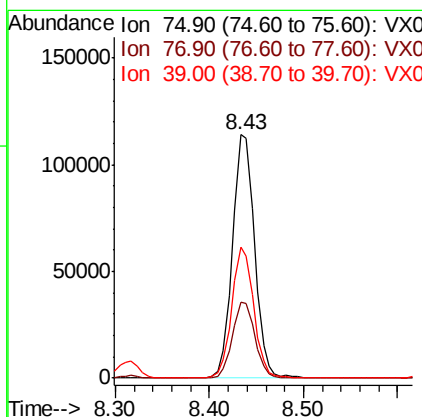
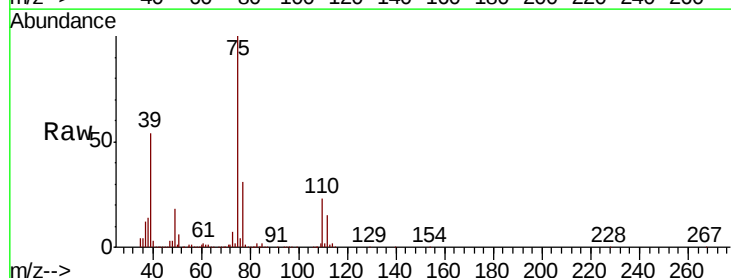
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

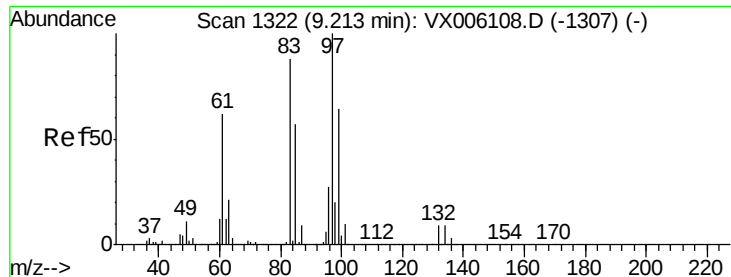
Tot Ion: 75 Resp: 173869
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 49.801 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX006207.D
 Acq: 27 Nov 2018 06:17

Tgt Ion: 75 Resp: 186178
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.7 37.1
 39 53.8 40.3 60.5



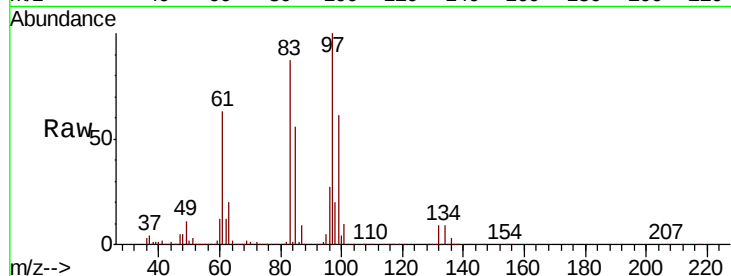


#55
 1,1,2-Trichloroethane
 Concen: 49.979 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006207.D
 Acq: 27 Nov 2018 06:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 129433

Ion	Ratio	Lower	Upper
97	100		
83	86.9	70.7	106.1
85	56.0	45.7	68.5
99	60.8	51.4	77.2



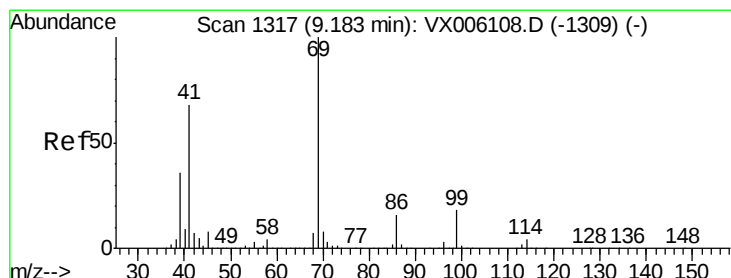
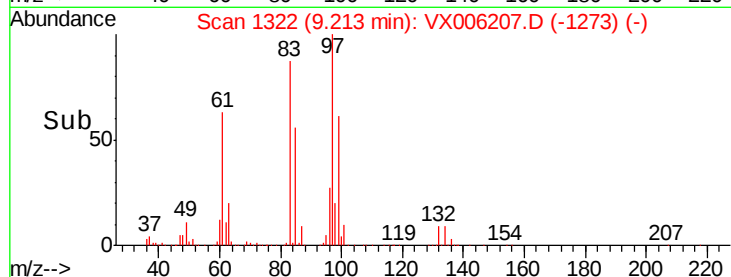
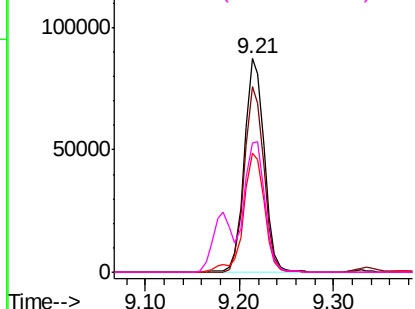
Abundance

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

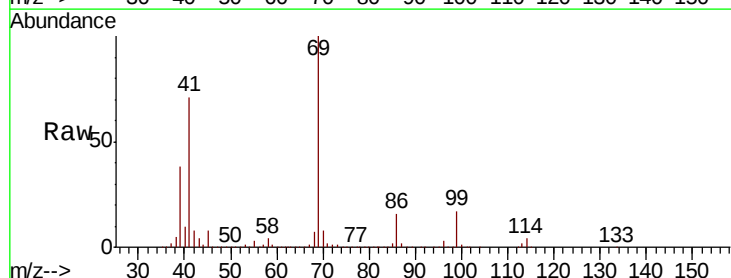
Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 48.562 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX006207.D
 Acq: 27 Nov 2018 06:17

Tgt Ion: 69 Resp: 195489

Ion	Ratio	Lower	Upper
69	100		
41	72.8	56.2	84.4
39	38.9	29.4	44.0

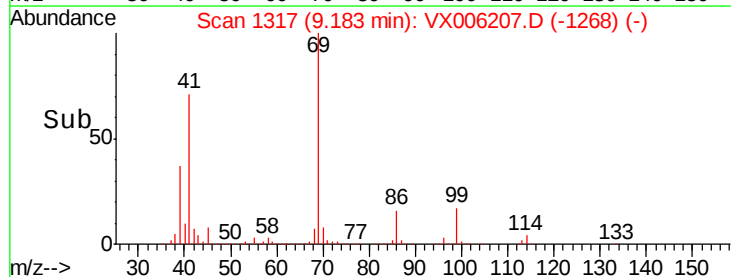
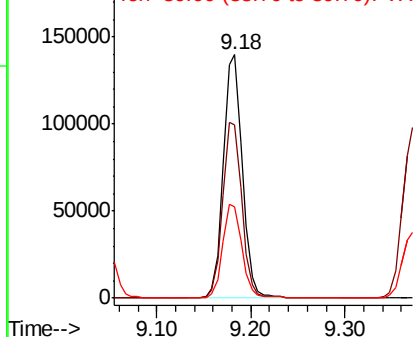


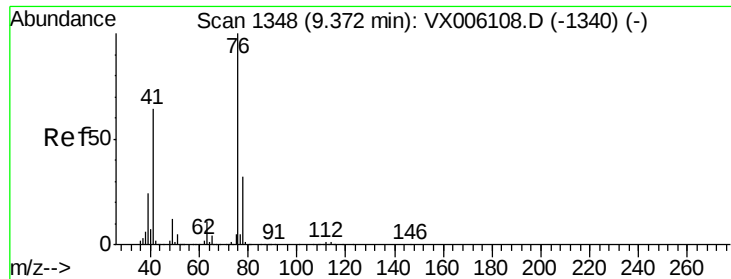
Abundance

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: 49.798 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

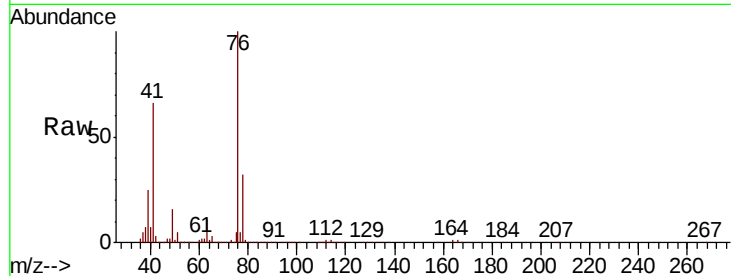
VSTDCCC050EC

Tot Ion: 76 Resp: 212572

Ion Ratio Lower Upper

76 100

78 32.2 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

150000

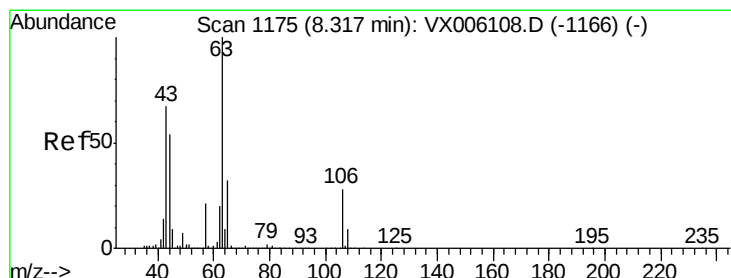
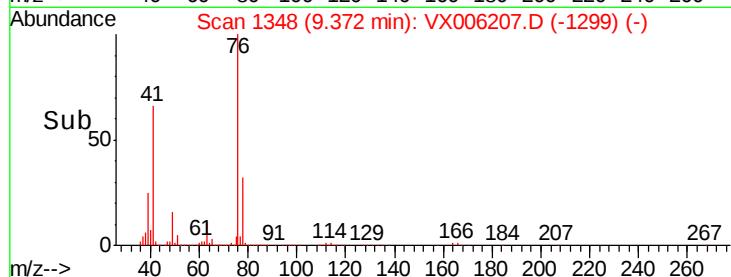
100000

50000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 248.814 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX006207.D

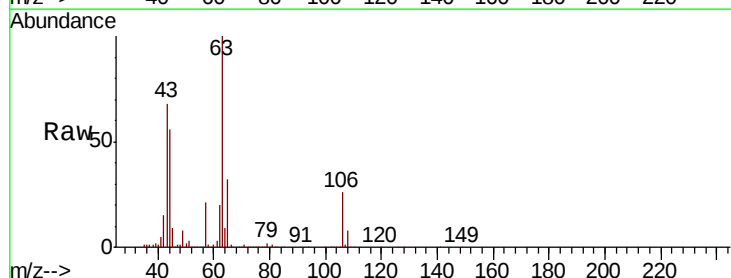
Acq: 27 Nov 2018 06:17

Tgt Ion: 63 Resp: 559936

Ion Ratio Lower Upper

63 100

106 26.7 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

400000

300000

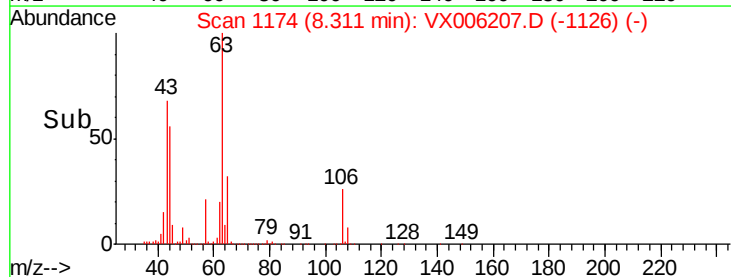
200000

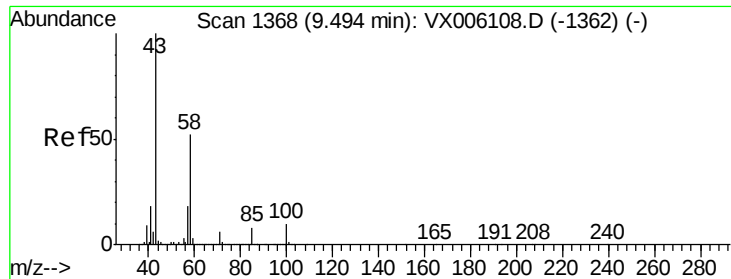
100000

0

8.20 8.30 8.40

Time-->

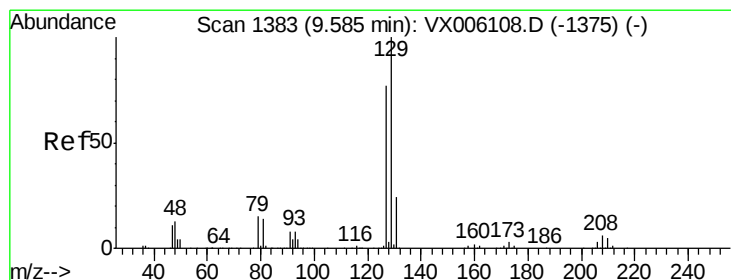
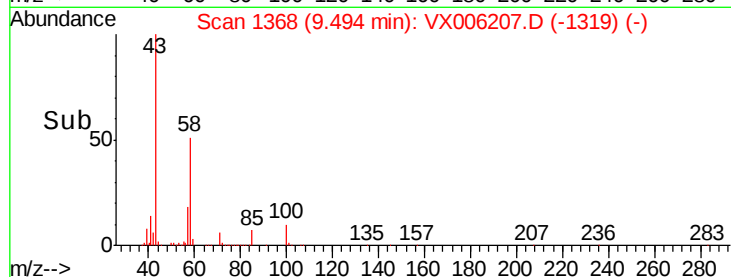
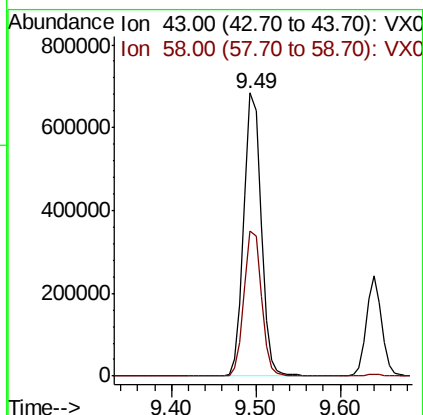
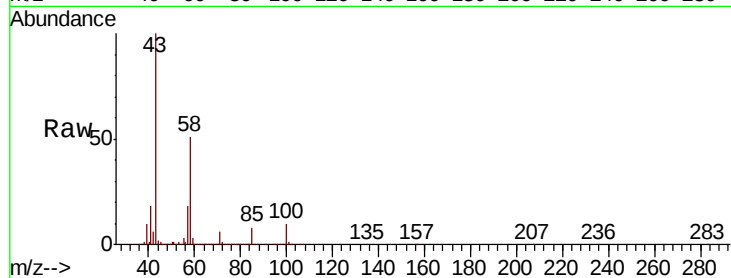




#59
2-Hexanone
Concen: 270.028 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006207.D
Acq: 27 Nov 2018 06:17

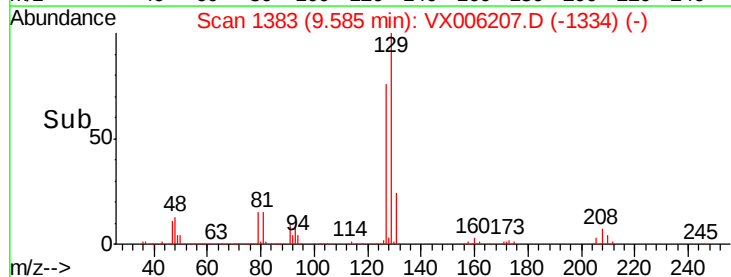
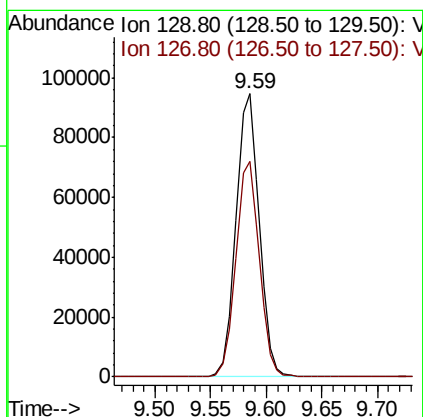
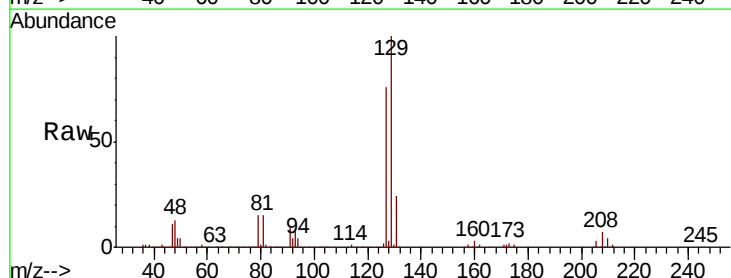
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

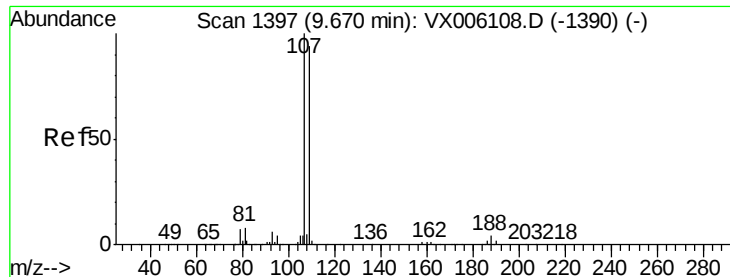
Tot Ion: 43 Resp: 936666
Ion Ratio Lower Upper
43 100
58 51.7 26.3 78.9



#60
Dibromochloromethane
Concen: 53.729 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006207.D
Acq: 27 Nov 2018 06:17

Tgt Ion: 129 Resp: 136418
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.5





#61

1,2-Dibromoethane

Concen: 51.442 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

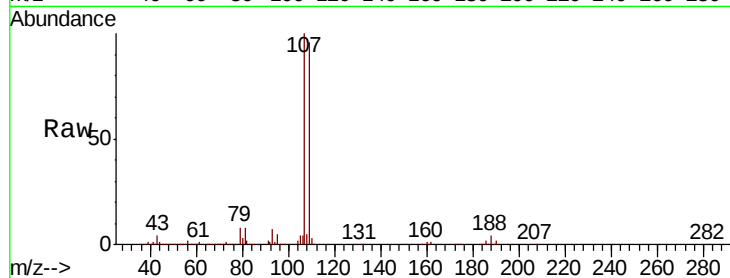
VSTDCCC050EC

Tot Ion:107 Resp: 137246

Ion Ratio Lower Upper

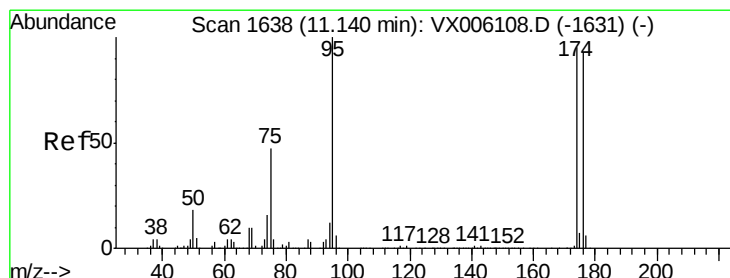
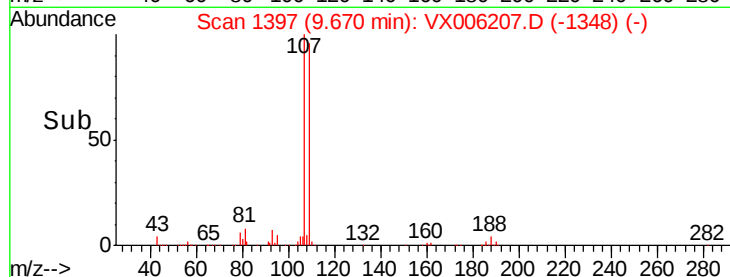
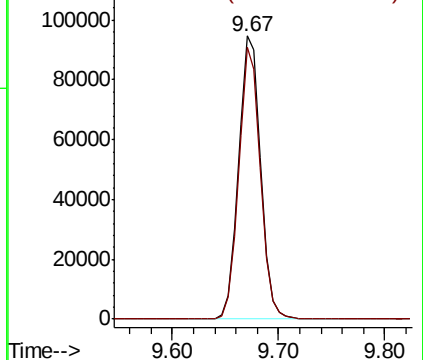
107 100

109 94.9 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.334 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

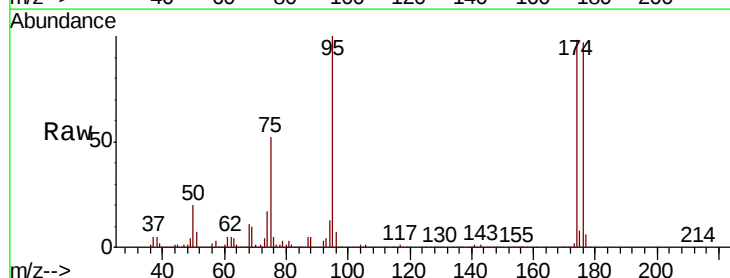
Tgt Ion: 95 Resp: 170094

Ion Ratio Lower Upper

95 100

174 93.2 0.0 184.4

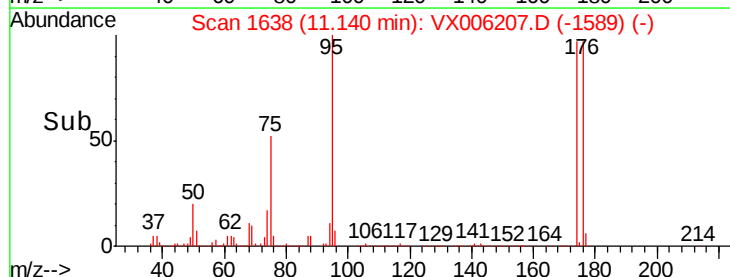
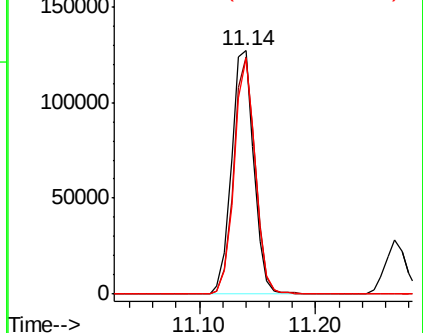
176 91.0 0.0 179.0

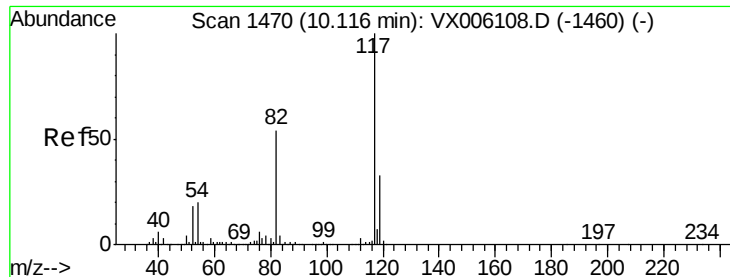


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

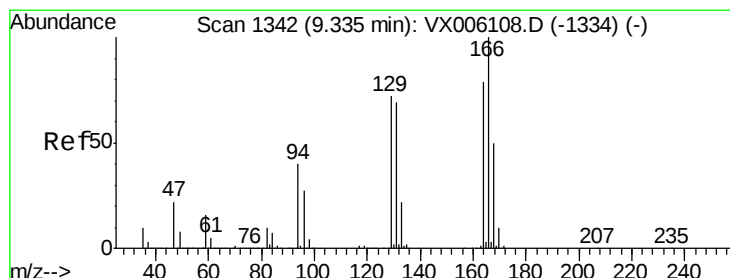
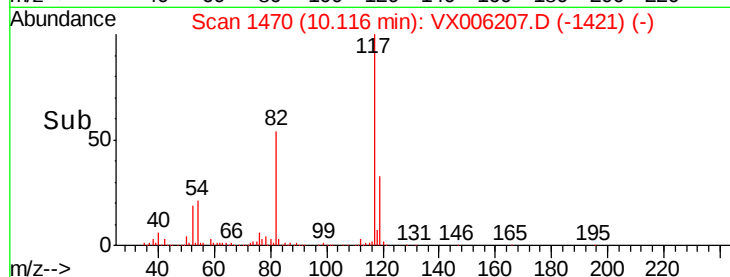
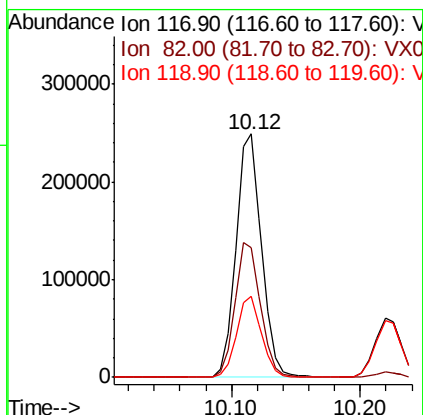
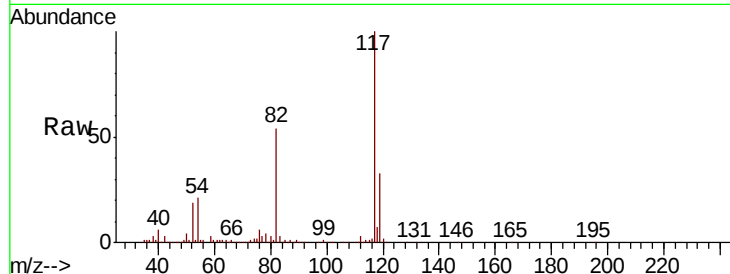




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006207.D
Acq: 27 Nov 2018 06:17

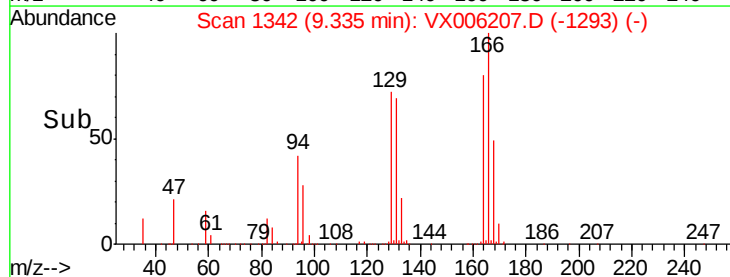
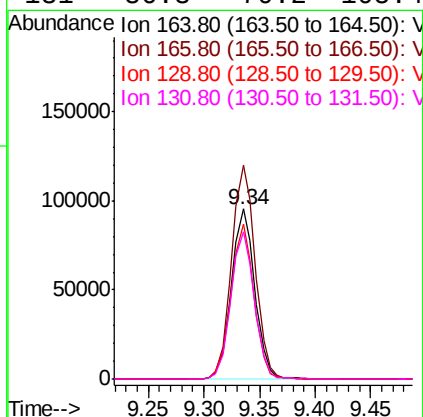
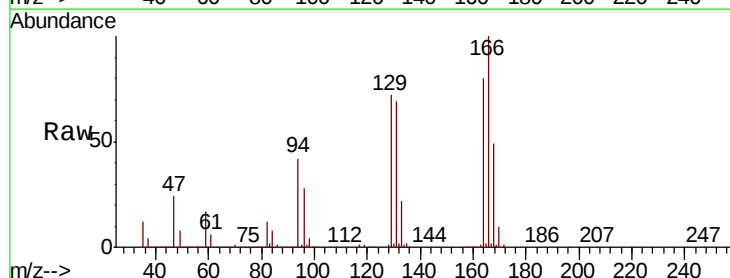
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

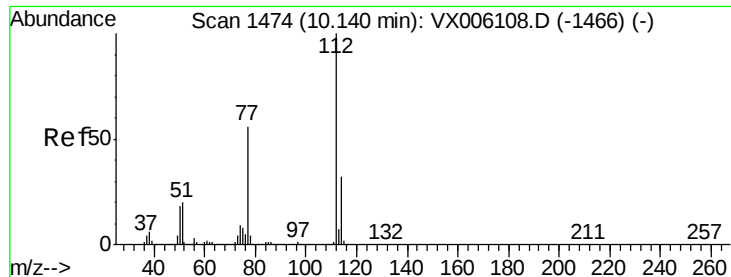
Tot Ion:117 Resp: 341421
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 33.1 26.1 39.1



#64
Tetrachloroethene
Concen: 49.271 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006207.D
Acq: 27 Nov 2018 06:17

Tgt Ion:164 Resp: 138436
Ion Ratio Lower Upper
164 100
166 125.5 101.5 152.3
129 90.7 73.4 110.0
131 86.3 70.2 105.4

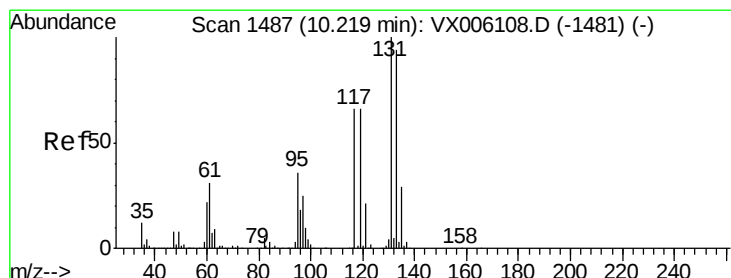
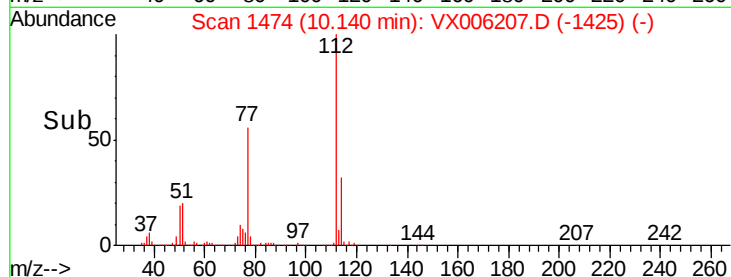
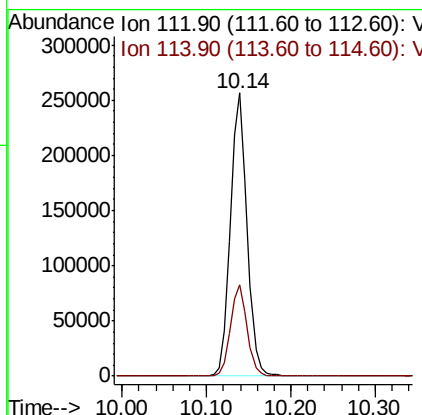
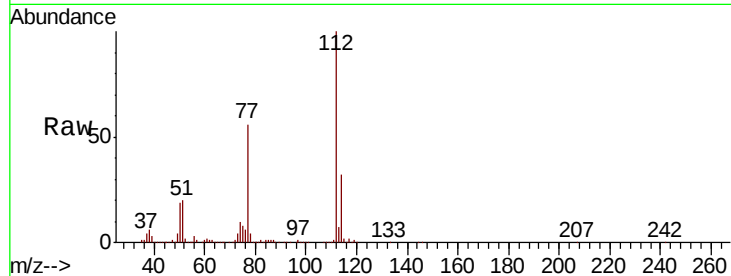




#65
Chlorobenzene
Concen: 49.560 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006207.D
Acq: 27 Nov 2018 06:17

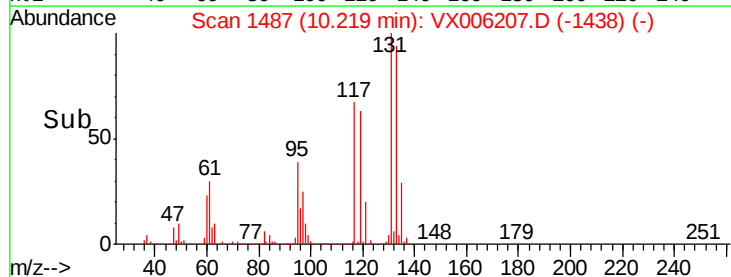
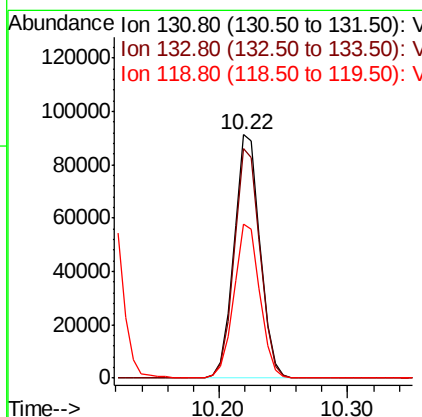
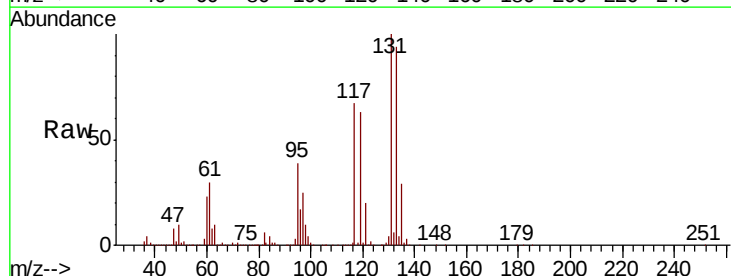
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

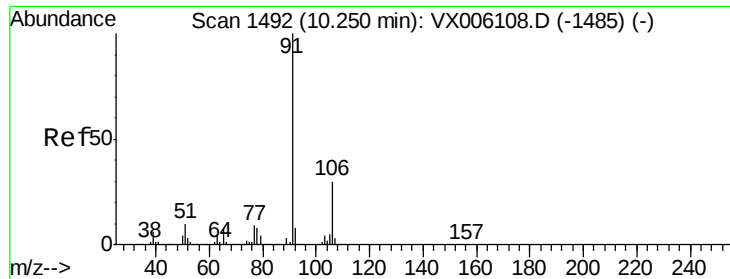
Tot Ion:112 Resp: 347084
Ion Ratio Lower Upper
112 100
114 32.4 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 53.177 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006207.D
Acq: 27 Nov 2018 06:17

Tgt Ion:131 Resp: 127855
Ion Ratio Lower Upper
131 100
133 94.1 48.0 144.2
119 63.3 32.6 97.8





#67

Ethyl Benzene

Concen: 52.019 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

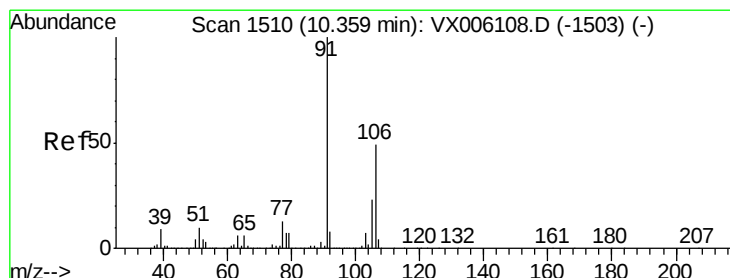
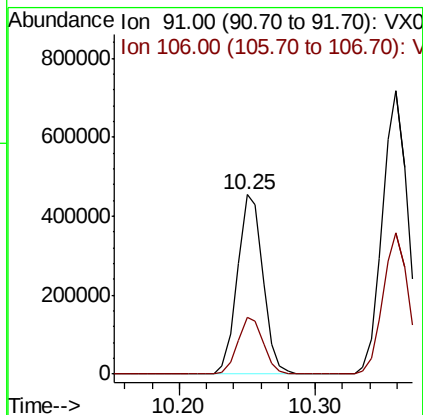
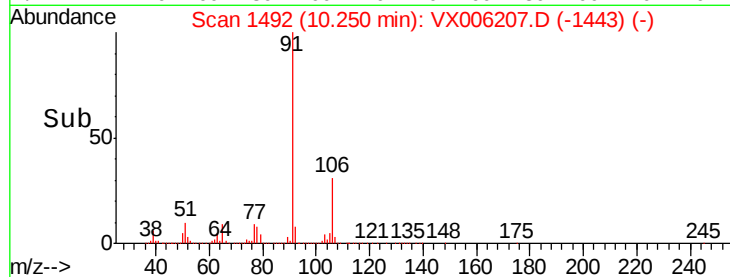
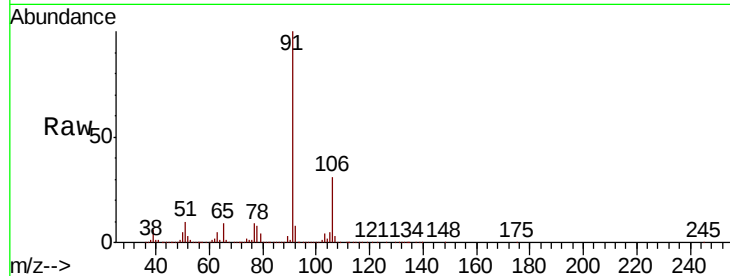
VSTDCCC050EC

Tot Ion: 91 Resp: 596493

Ion Ratio Lower Upper

91 100

106 31.3 24.4 36.6



#68

m/p-Xylenes

Concen: 104.772 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006207.D

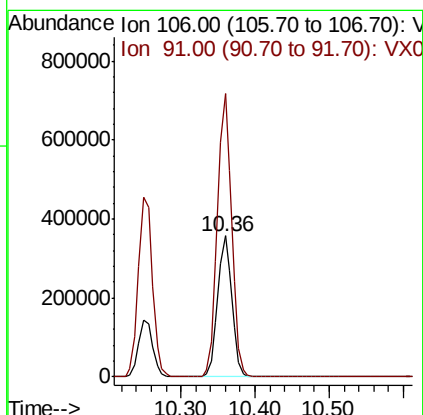
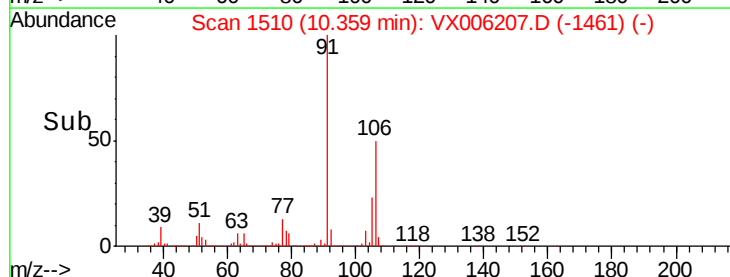
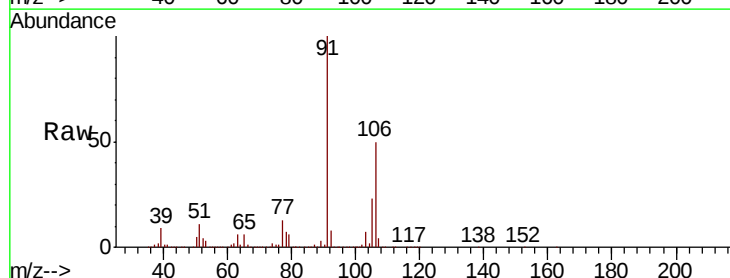
Acq: 27 Nov 2018 06:17

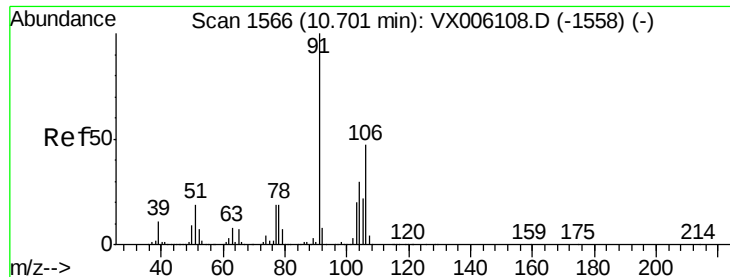
Tgt Ion: 106 Resp: 467821

Ion Ratio Lower Upper

106 100

91 201.6 162.0 243.0

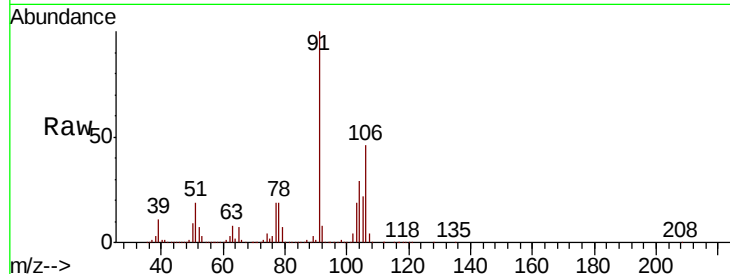




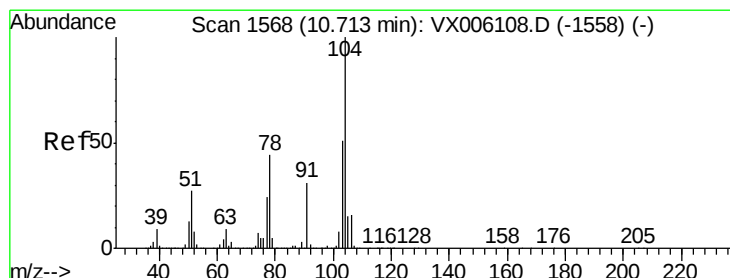
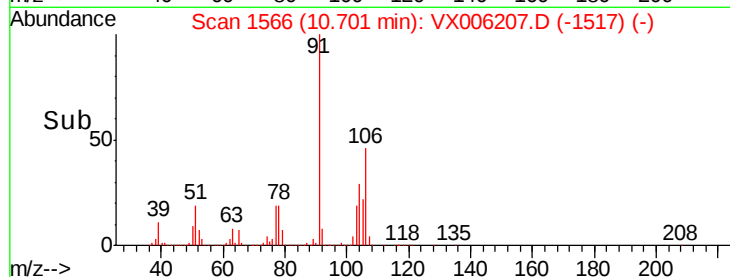
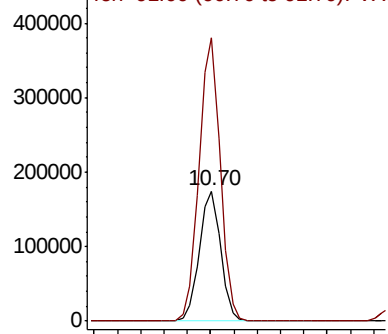
#69
o-Xylene
Concen: 51.953 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006207.D
Acq: 27 Nov 2018 06:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 221584
Ion Ratio Lower Upper
106 100
91 216.4 107.4 322.2

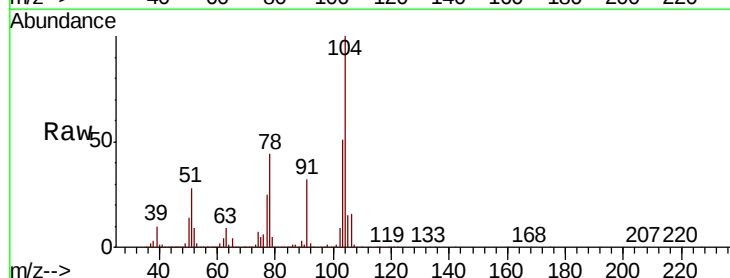


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

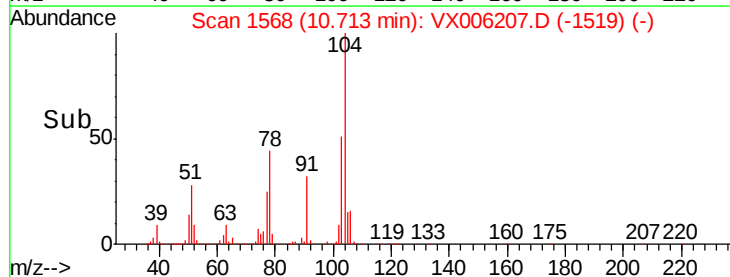
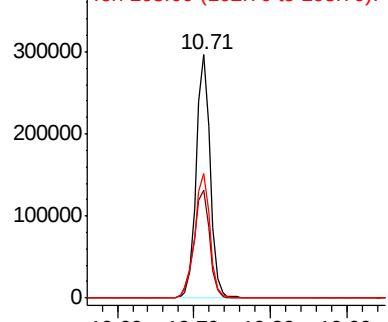


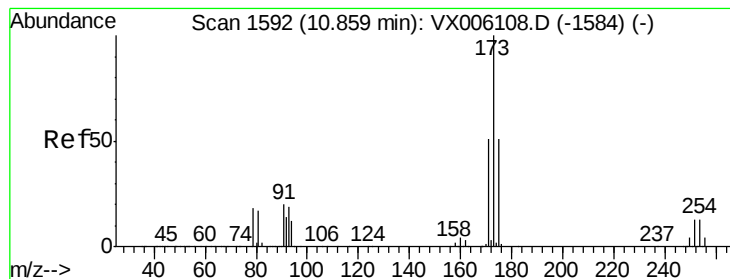
#70
Styrene
Concen: 53.972 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006207.D
Acq: 27 Nov 2018 06:17

Tgt Ion:104 Resp: 375338
Ion Ratio Lower Upper
104 100
78 50.2 39.4 59.2
103 55.7 44.6 67.0



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





#71

Bromoform

Concen: 52.683 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

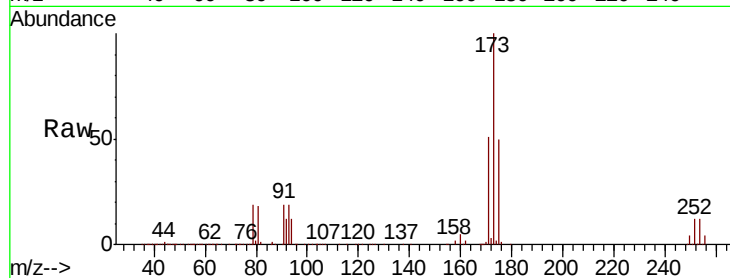
Tot Ion:173 Resp: 113384

Ion Ratio Lower Upper

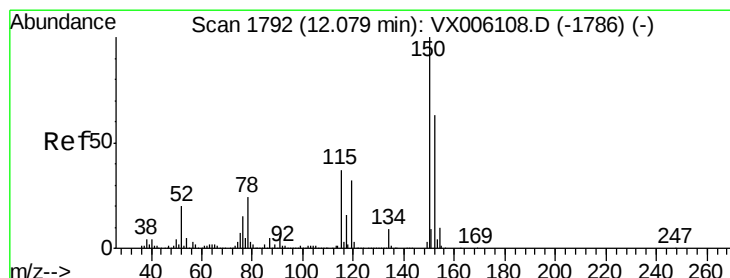
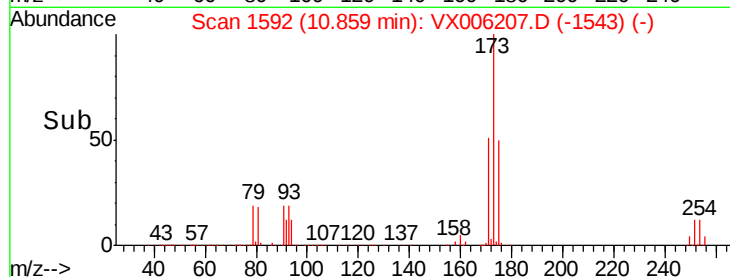
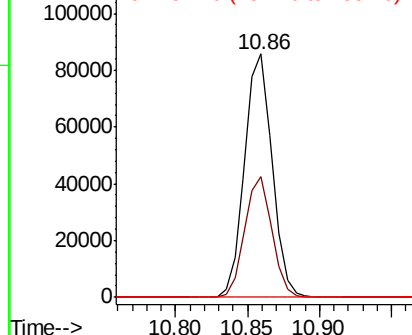
173 100

175 48.8 24.9 74.6

254 0.3 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: VX006207.D

Acq: 27 Nov 2018 06:17

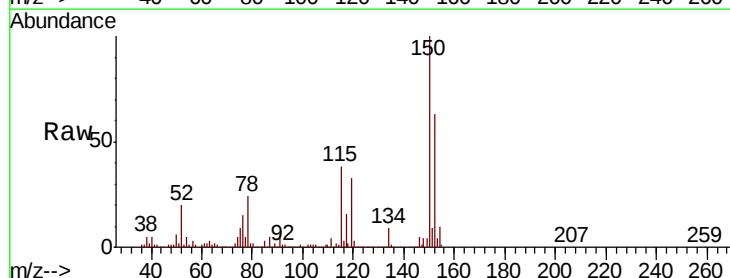
Tgt Ion:152 Resp: 194316

Ion Ratio Lower Upper

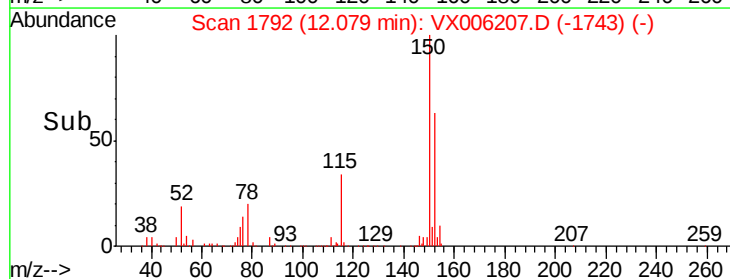
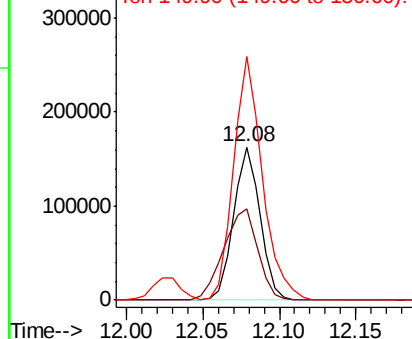
152 100

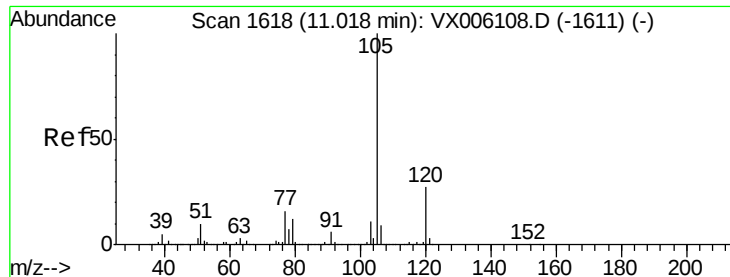
115 77.8 39.0 116.9

150 174.6 0.0 346.6



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: 52.065 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

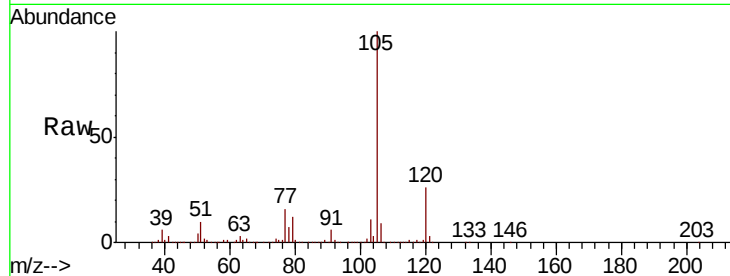
VSTDCCC050EC

Tot Ion:105 Resp: 612135

Ion Ratio Lower Upper

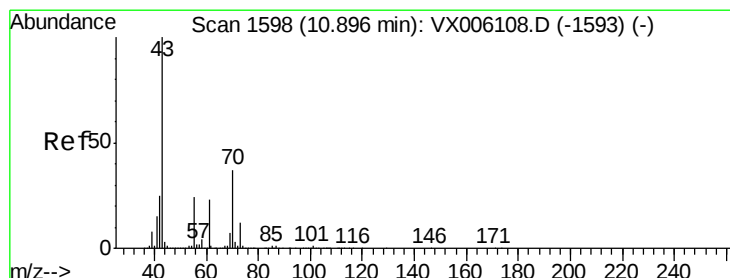
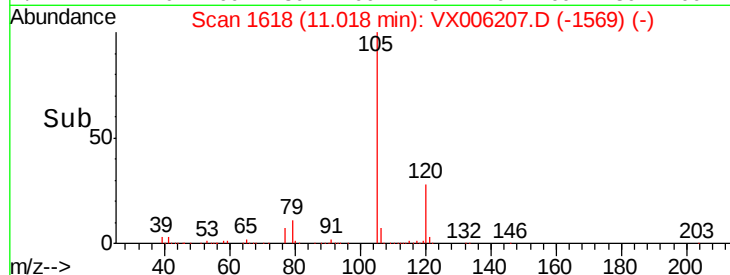
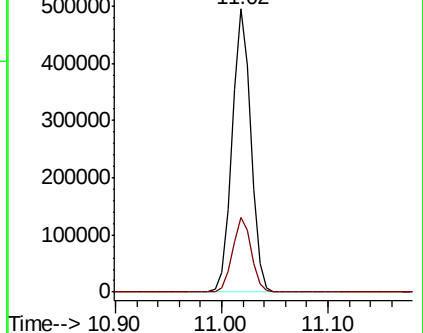
105 100

120 26.4 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.356 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Tgt Ion: 43 Resp: 301883

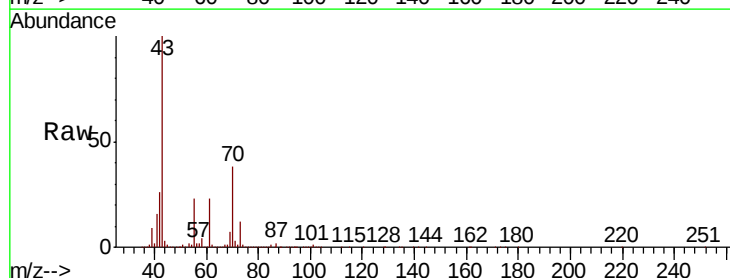
Ion Ratio Lower Upper

43 100

70 39.0 31.8 47.6

55 23.6 19.5 29.3

61 22.6 18.6 27.8

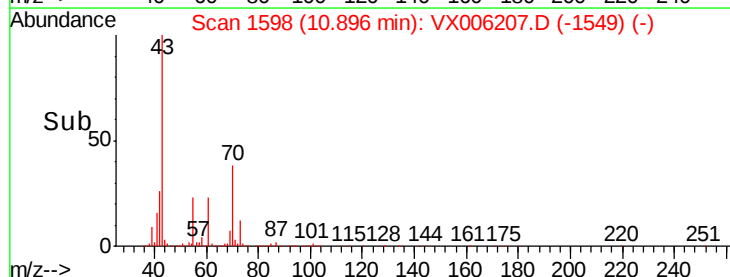
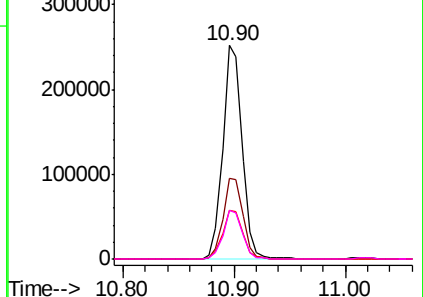


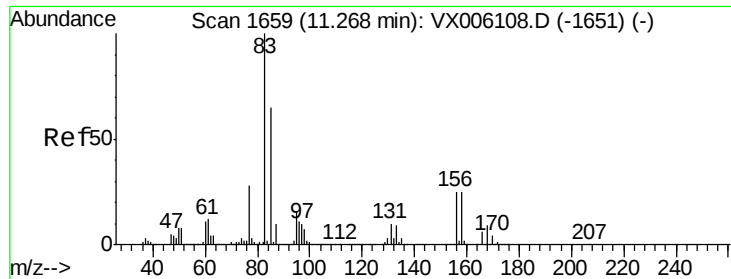
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 49.256 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

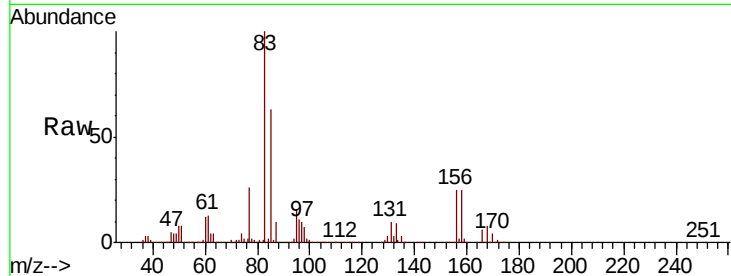
Tot Ion: 83 Resp: 218243

Ion Ratio Lower Upper

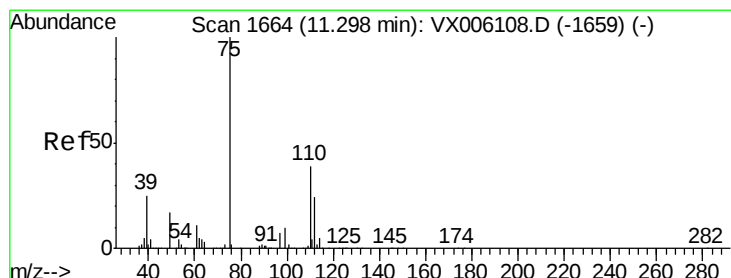
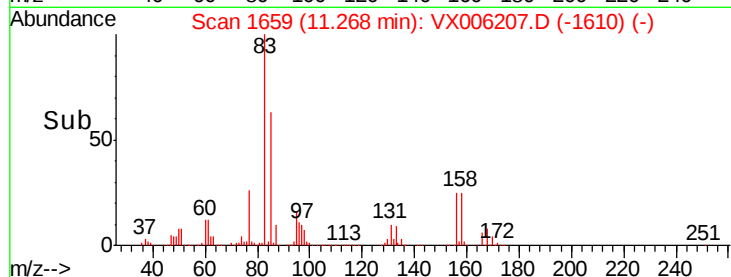
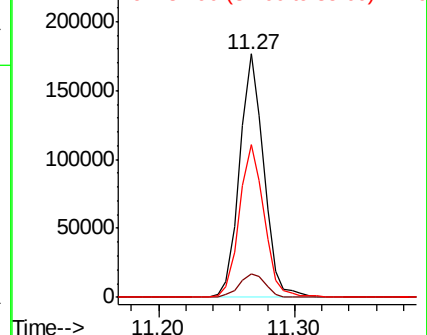
83 100

131 10.5 5.2 15.6

85 64.4 32.6 97.8



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: 62.408 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006207.D

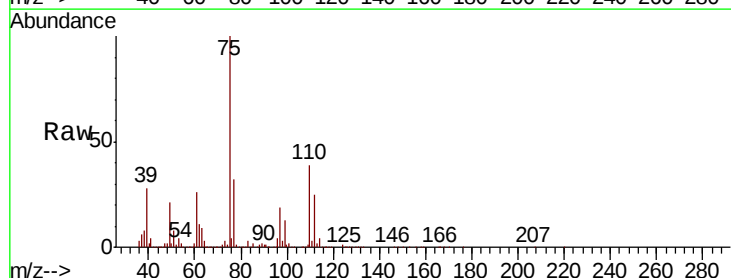
Acq: 27 Nov 2018 06:17

Tgt Ion: 75 Resp: 249666

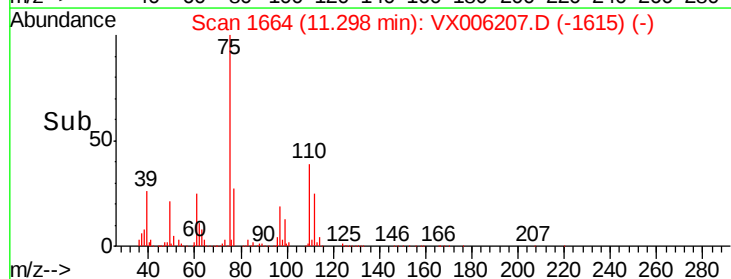
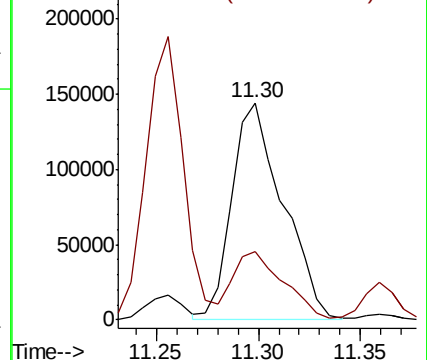
Ion Ratio Lower Upper

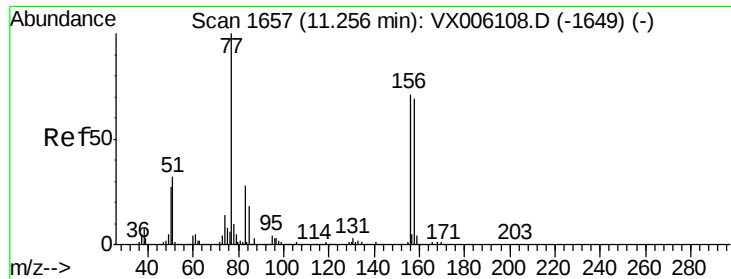
75 100

77 31.2 19.6 58.7



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





#77

Bromobenzene

Concen: 49.309 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

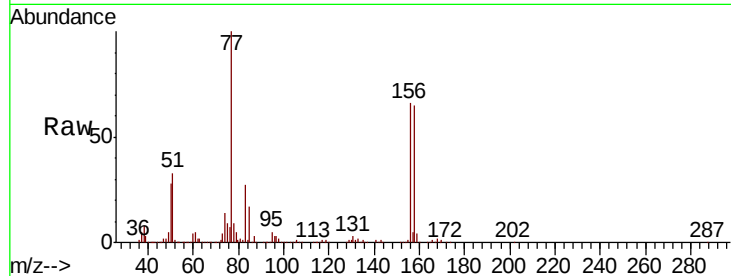
Tot Ion:156 Resp: 162405

Ion Ratio Lower Upper

156 100

77 147.7 74.3 222.8

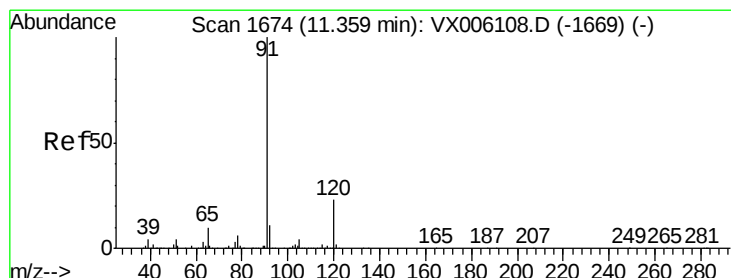
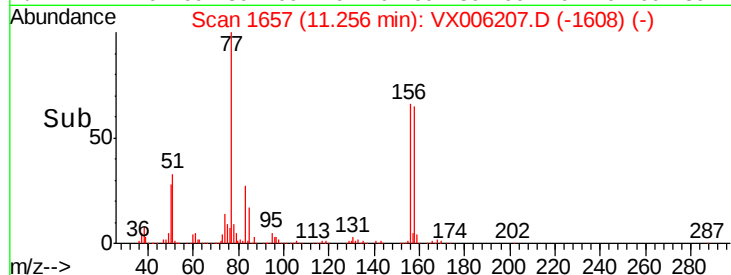
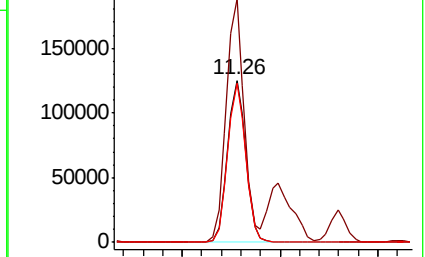
158 97.5 49.0 147.0



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: 51.712 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006207.D

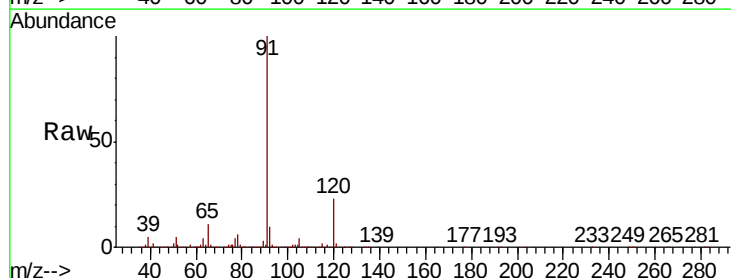
Acq: 27 Nov 2018 06:17

Tgt Ion: 91 Resp: 708050

Ion Ratio Lower Upper

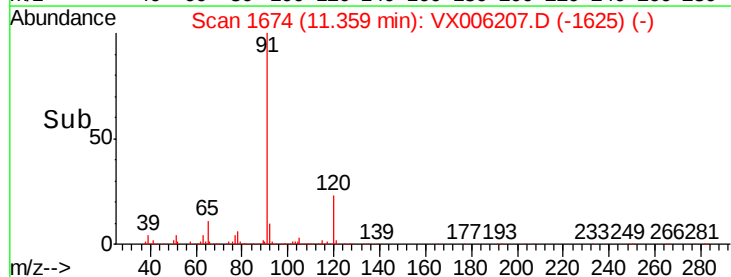
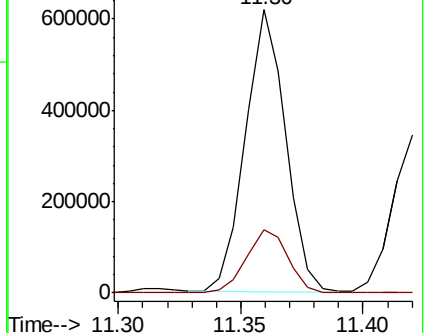
91 100

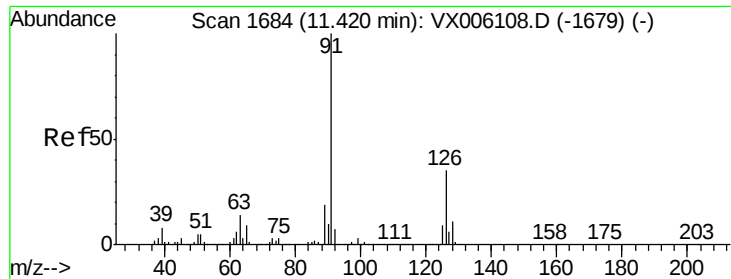
120 23.5 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.676 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

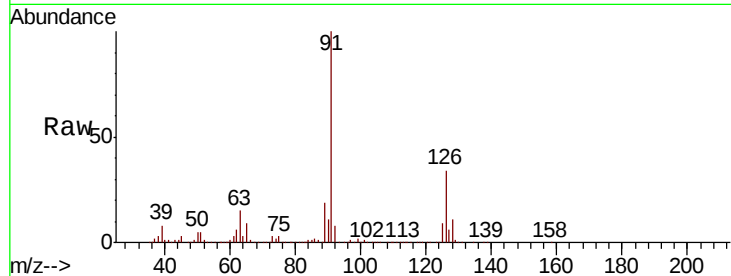
VSTDCCC050EC

Tot Ion: 91 Resp: 419776

Ion Ratio Lower Upper

91 100

126 35.1 17.6 52.9

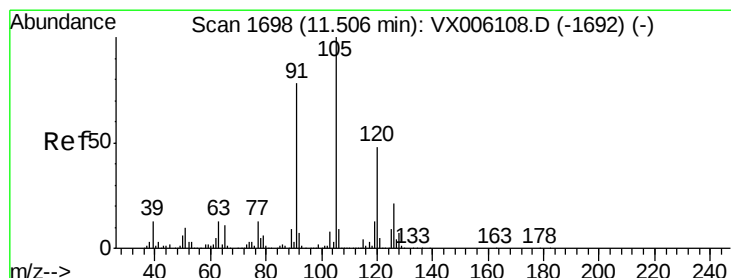
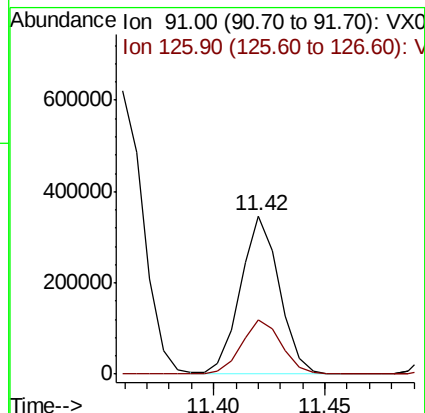
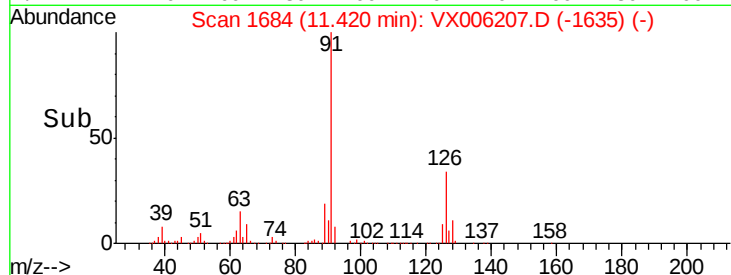


Abundance Ion 91.00 (90.70 to 91.70): VX006108.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX006108.D (-1679) (-)

Time-->

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 52.237 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006207.D

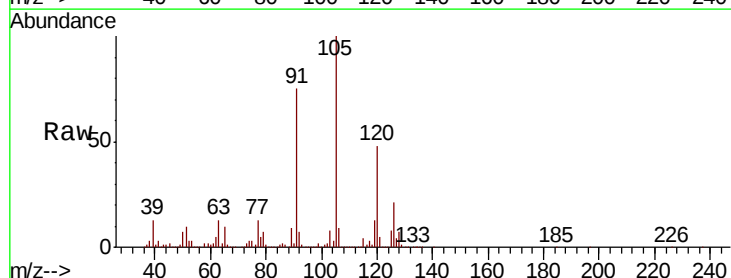
Acq: 27 Nov 2018 06:17

Tgt Ion: 105 Resp: 517811

Ion Ratio Lower Upper

105 100

120 48.3 24.3 73.0

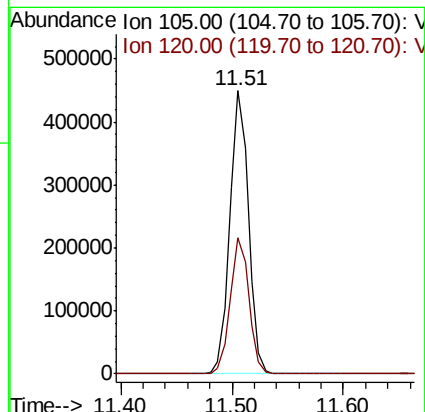
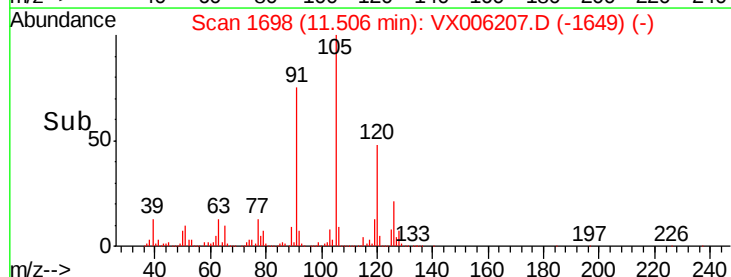


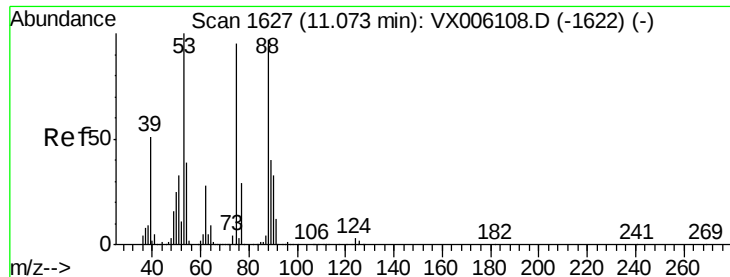
Abundance Ion 105.00 (104.70 to 105.70): VX006108.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX006108.D (-1692) (-)

Time-->

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 48.009 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

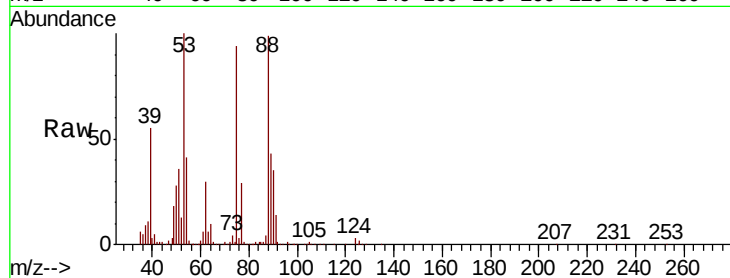
Tot Ion: 75 Resp: 56786

Ion Ratio Lower Upper

75 100

53 104.6 85.3 127.9

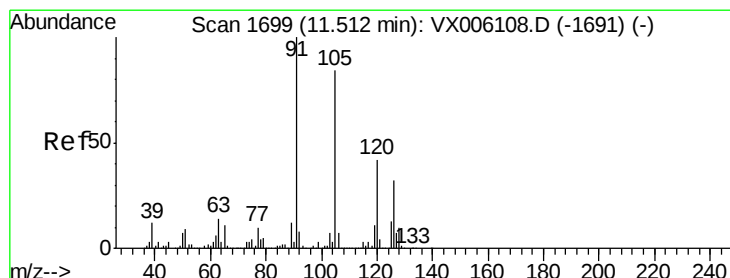
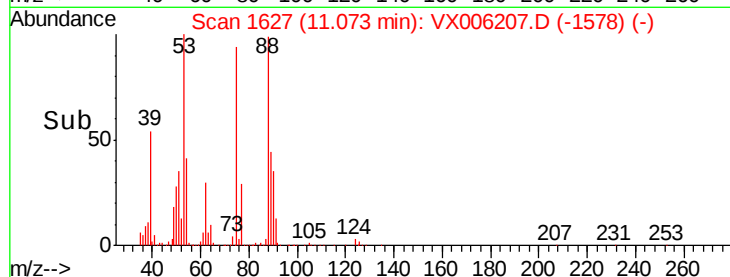
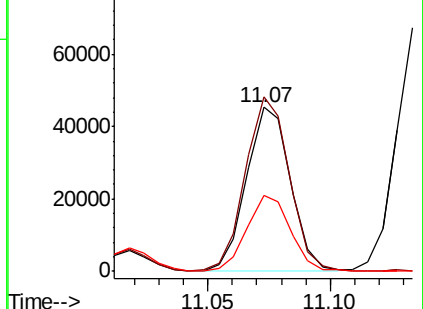
89 45.7 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 51.423 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX006207.D

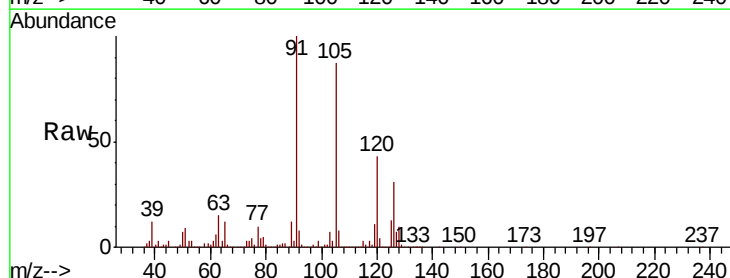
Acq: 27 Nov 2018 06:17

Tgt Ion: 91 Resp: 497104

Ion Ratio Lower Upper

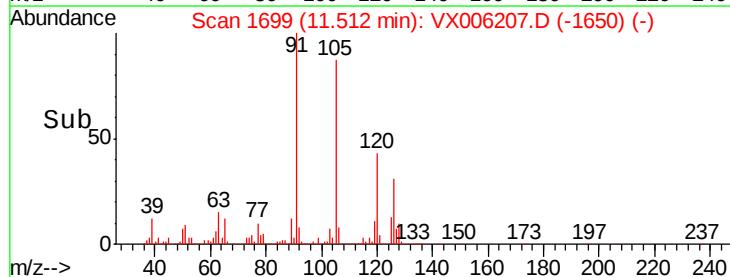
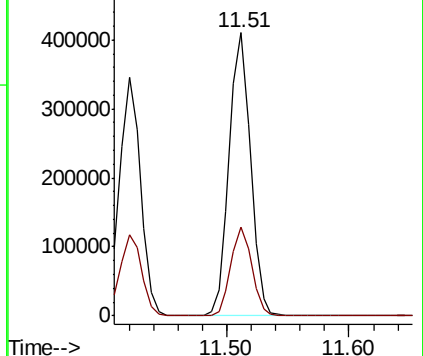
91 100

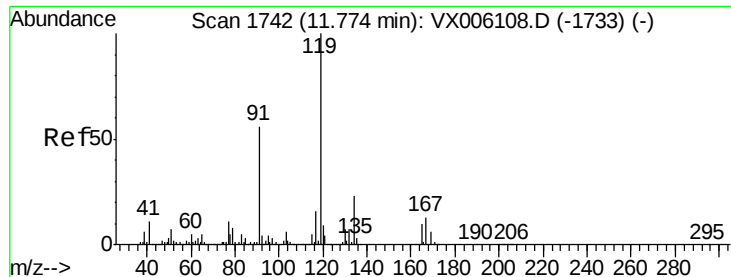
126 30.7 15.3 45.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 51.895 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

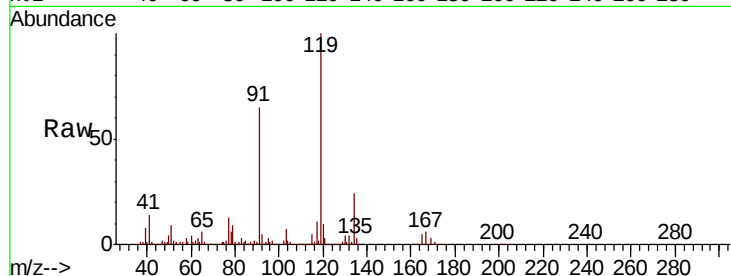
Tot Ion:119 Resp: 502200

Ion Ratio Lower Upper

119 100

91 57.7 28.2 84.6

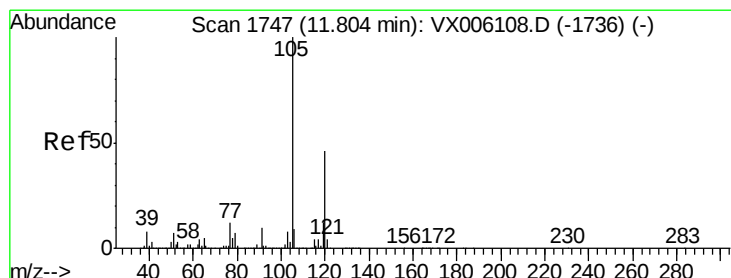
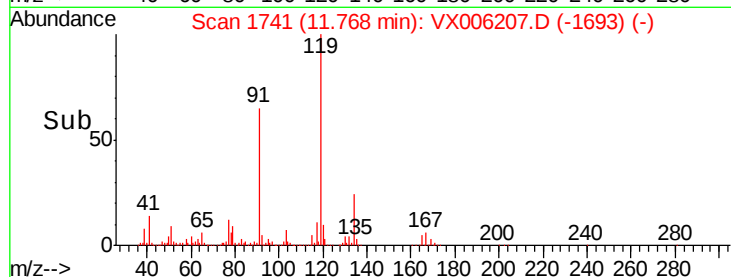
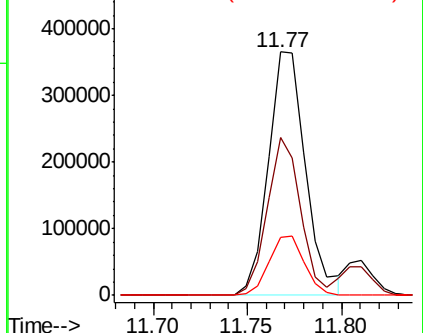
134 23.2 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 52.861 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VX006207.D

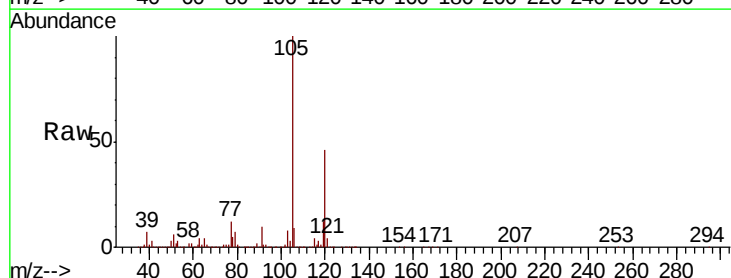
Acq: 27 Nov 2018 06:17

Tgt Ion:105 Resp: 534497

Ion Ratio Lower Upper

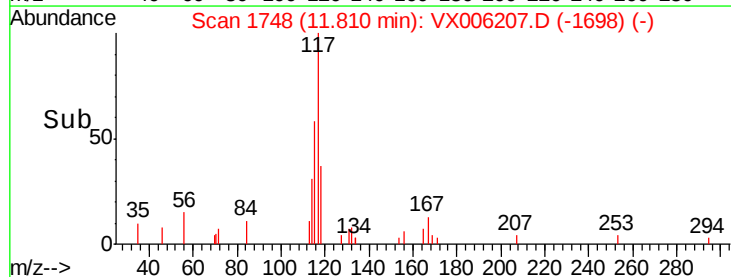
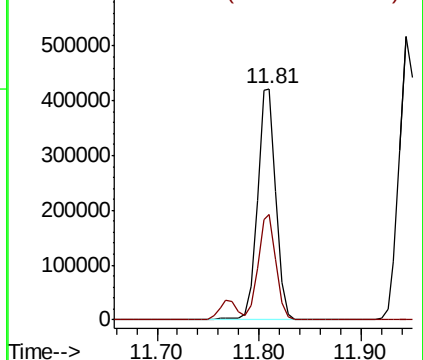
105 100

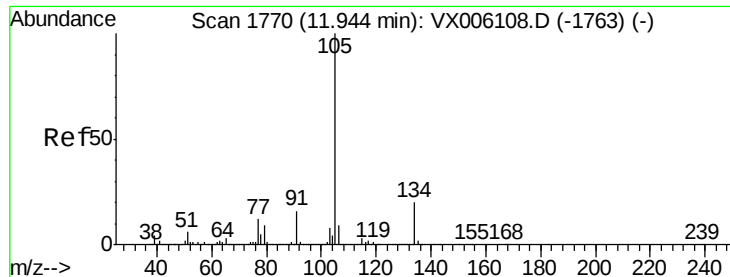
120 44.4 22.7 68.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.780 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

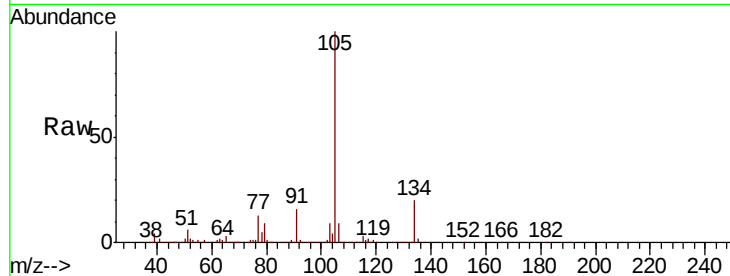
VSTDCCC050EC

Tot Ion:105 Resp: 612916

Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

600000

500000

400000

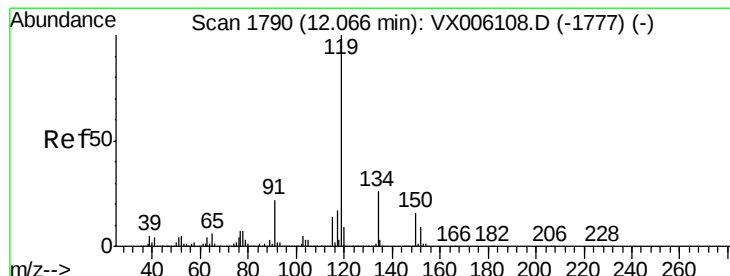
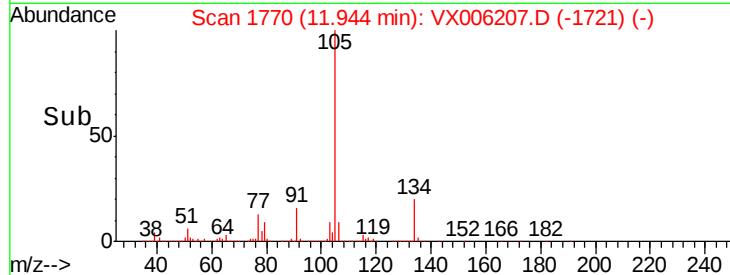
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 52.240 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

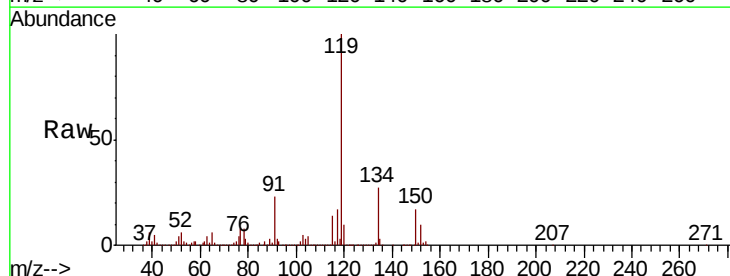
Tgt Ion:119 Resp: 551316

Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.3

91 23.2 11.3 33.9



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

600000

500000

400000

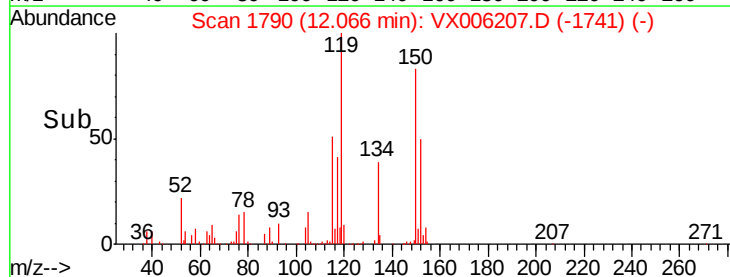
300000

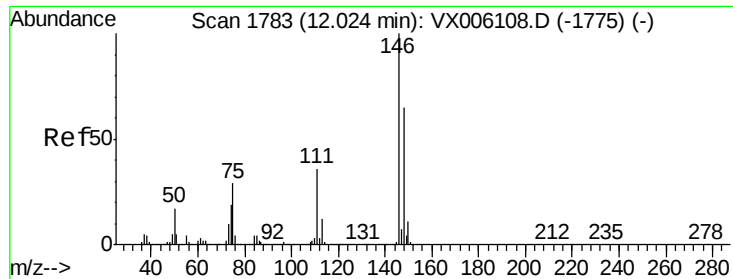
200000

100000

0

Time-->

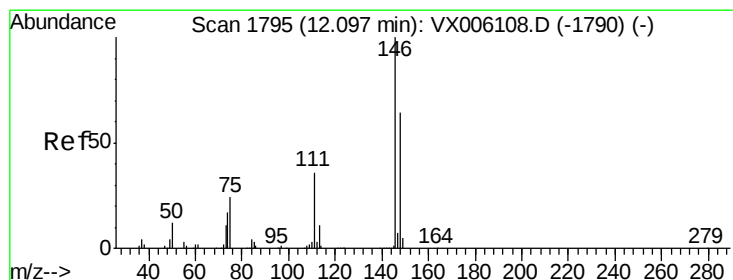
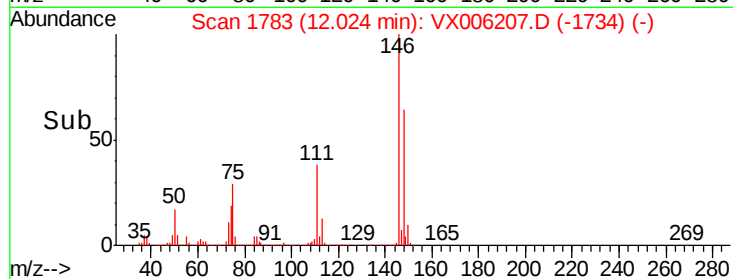
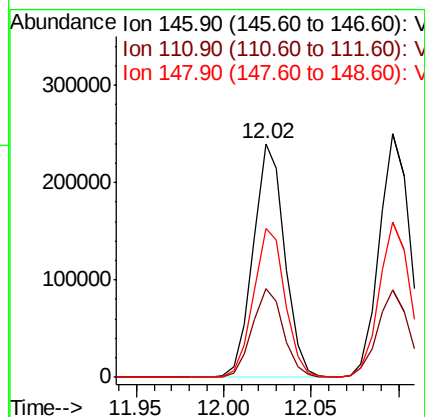
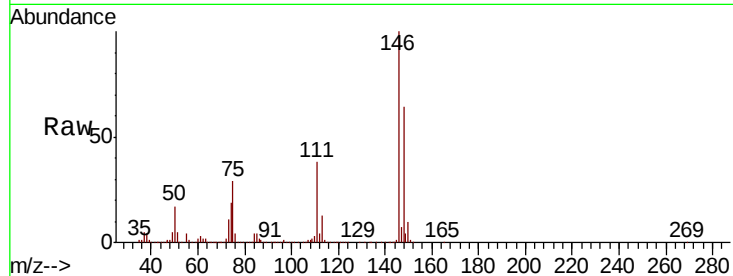




#87
 1,3-Dichlorobenzene
 Concen: 49.349 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006207.D
 Acq: 27 Nov 2018 06:17

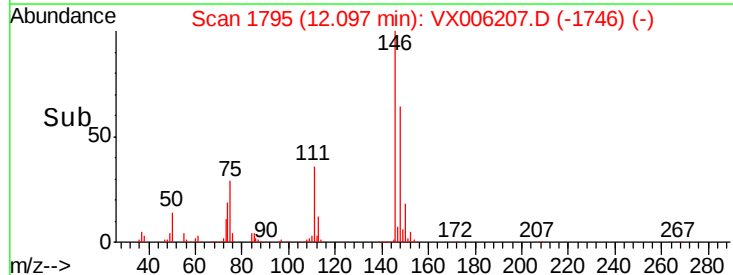
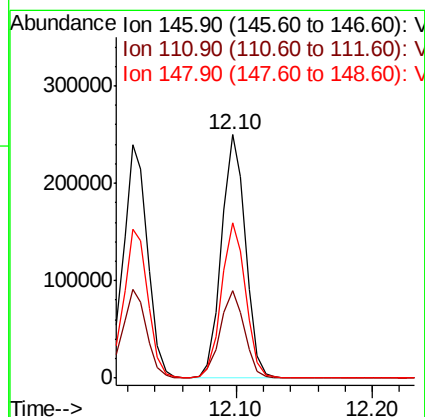
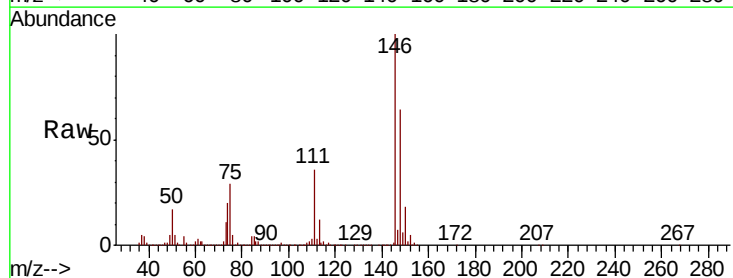
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

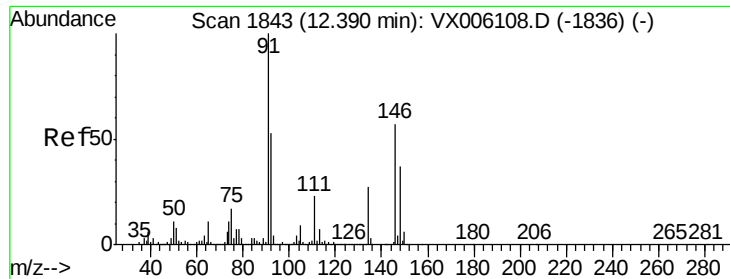
Tot Ion:146 Resp: 299683
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.8 56.3
 148 64.1 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 48.475 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006207.D
 Acq: 27 Nov 2018 06:17

Tgt Ion:146 Resp: 305168
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.3 54.9
 148 64.4 32.2 96.6





#89

n-Butylbenzene

Concen: 50.735 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

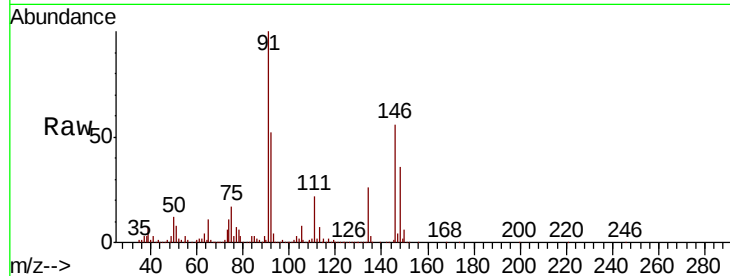
Tot Ion: 91 Resp: 484780

Ion Ratio Lower Upper

91 100

92 51.7 26.6 79.7

134 26.0 13.1 39.3

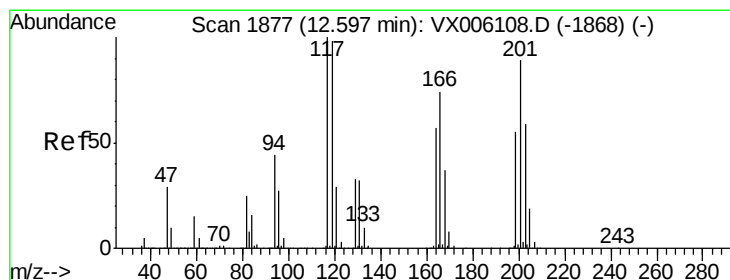
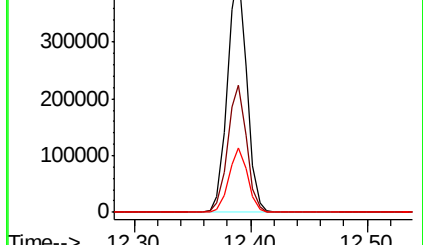
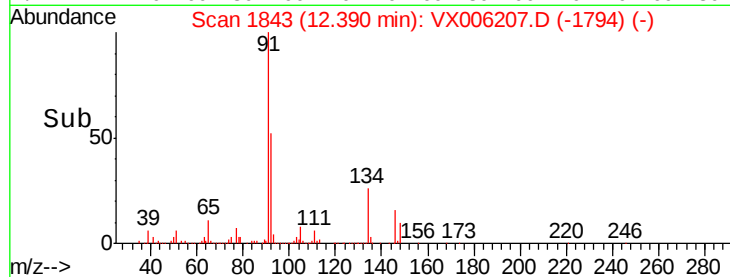


Abundance Ion 91.00 (90.70 to 91.70): VX006108.D (-1836) (-)

Ion 92.00 (91.70 to 92.70): VX006108.D (-1836) (-)

Ion 134.00 (133.70 to 134.70): VX006108.D (-1836) (-)

Time--> 12.30 12.40 12.50



#90

Hexachloroethane

Concen: 52.983 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX006207.D

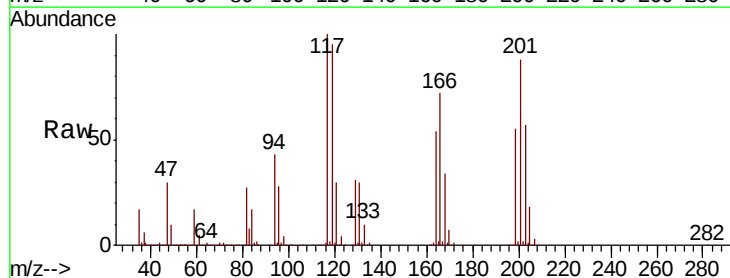
Acq: 27 Nov 2018 06:17

Tgt Ion: 117 Resp: 89231

Ion Ratio Lower Upper

117 100

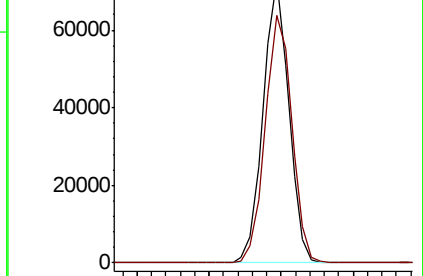
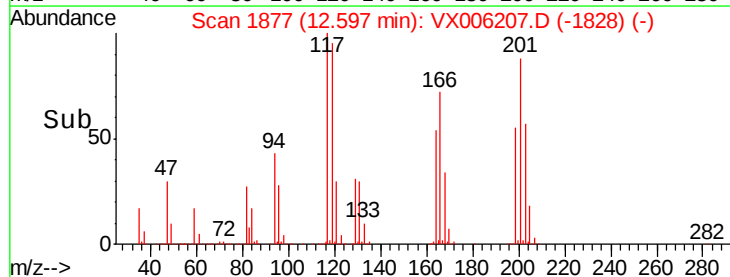
201 91.2 46.1 138.2

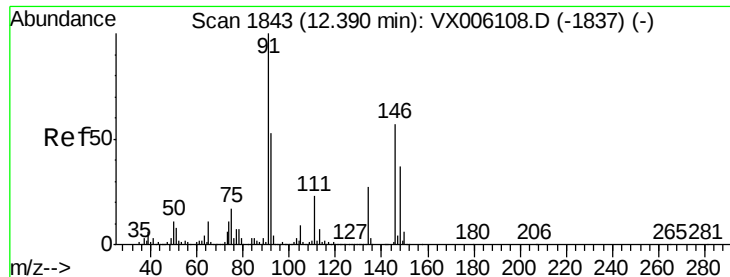


Abundance Ion 116.80 (116.50 to 117.50): VX006108.D (-1868) (-)

Ion 200.70 (200.40 to 201.40): VX006108.D (-1868) (-)

Time--> 12.50 12.55 12.60 12.65





#91

1,2-Dichlorobenzene

Concen: 49.191 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

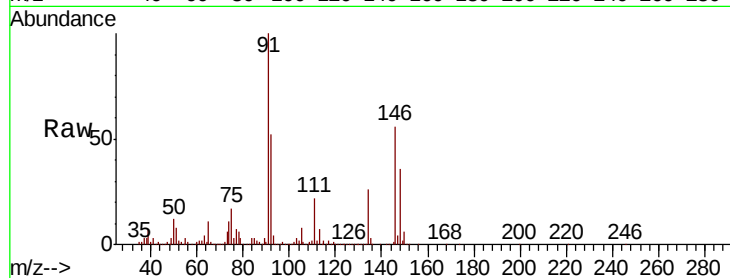
Tot Ion:146 Resp: 305407

Ion Ratio Lower Upper

146 100

111 39.1 19.6 58.8

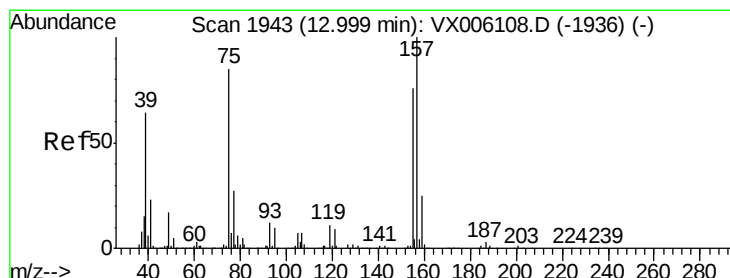
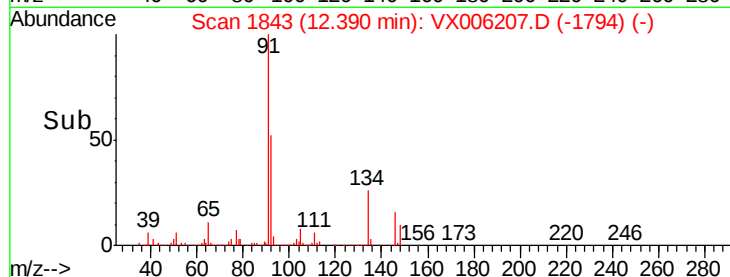
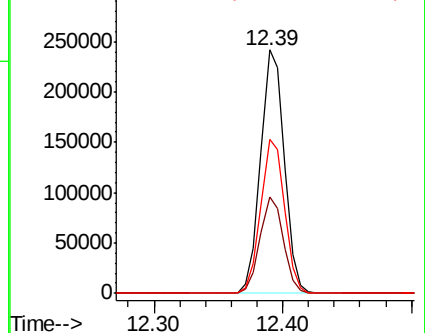
148 63.9 32.0 96.0



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: 52.859 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

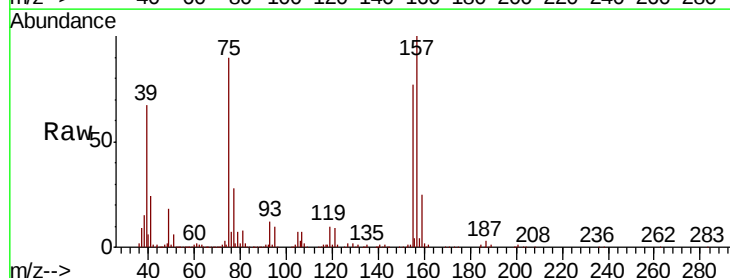
Tgt Ion: 75 Resp: 54346

Ion Ratio Lower Upper

75 100

155 90.3 46.1 138.3

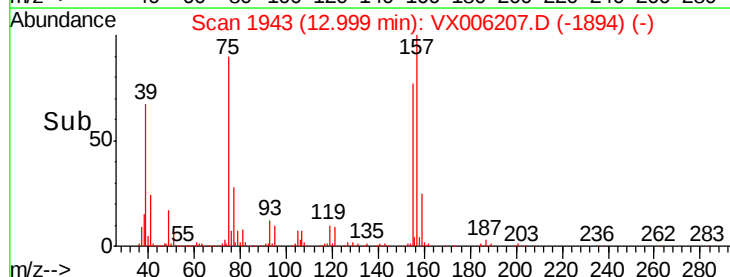
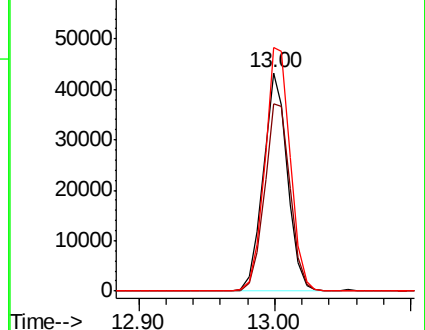
157 116.1 59.8 179.3

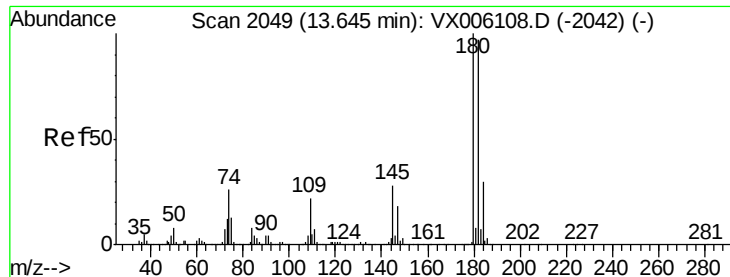


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

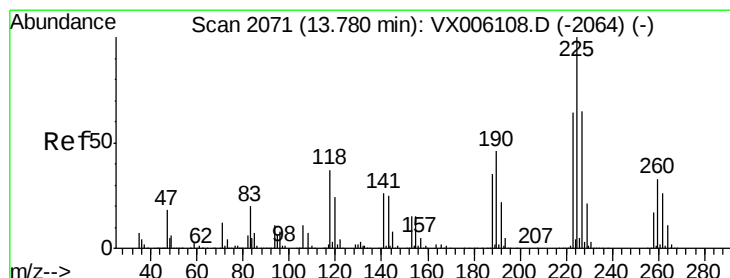
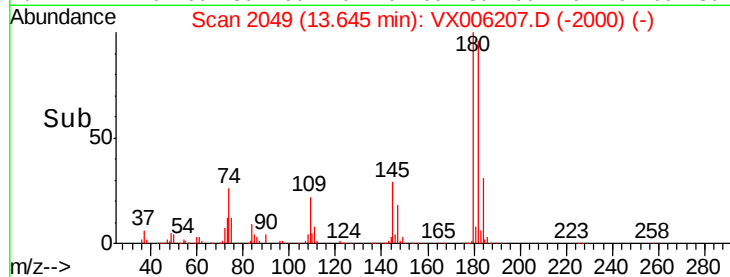
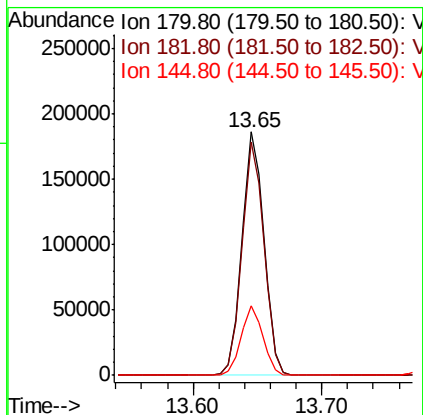
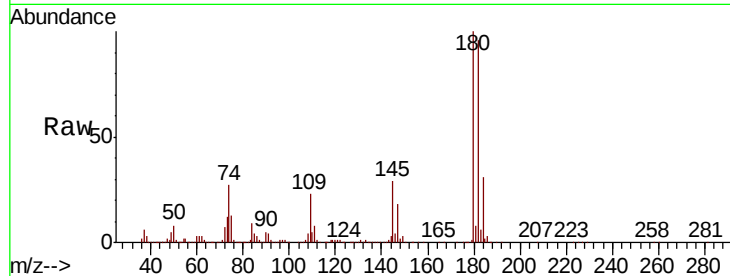




#93
 1,2,4-Trichlorobenzene
 Concen: 50.156 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006207.D
 Acq: 27 Nov 2018 06:17

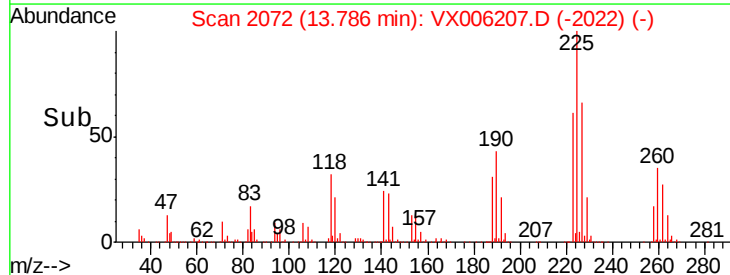
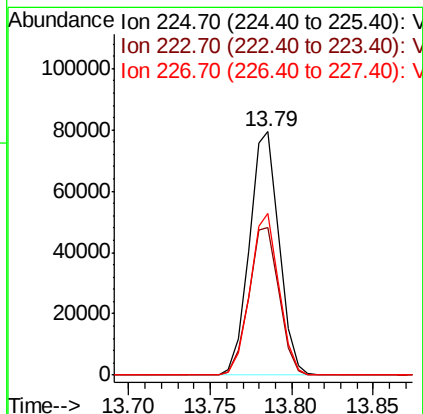
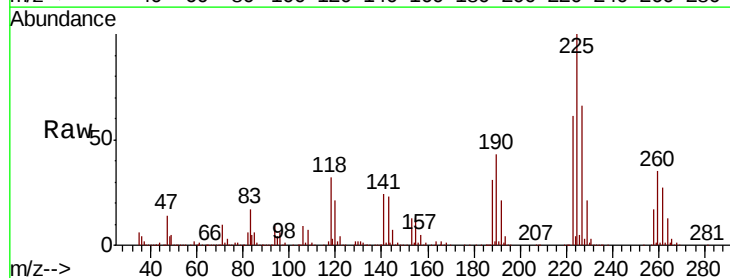
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

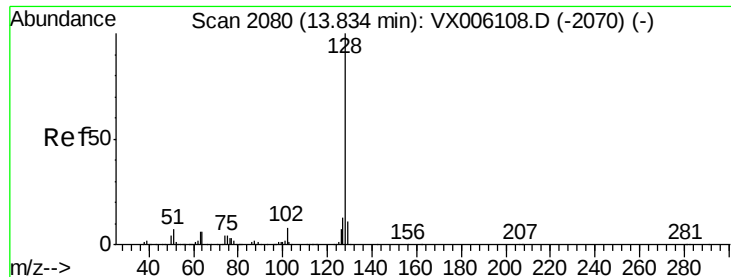
Tot Ion:180 Resp: 219368
 Ion Ratio Lower Upper
 180 100
 182 95.9 48.2 144.6
 145 28.1 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 47.197 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VX006207.D
 Acq: 27 Nov 2018 06:17

Tgt Ion:225 Resp: 100604
 Ion Ratio Lower Upper
 225 100
 223 61.8 31.2 93.6
 227 64.3 32.4 97.2





#95

Naphthalene

Concen: 54.464 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

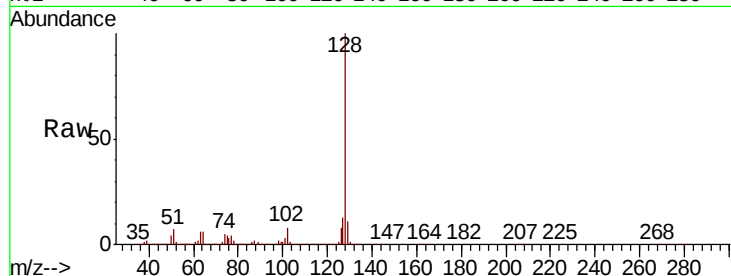
Tot Ion:128 Resp: 700465

Ion Ratio Lower Upper

128 100

127 13.3 10.6 15.8

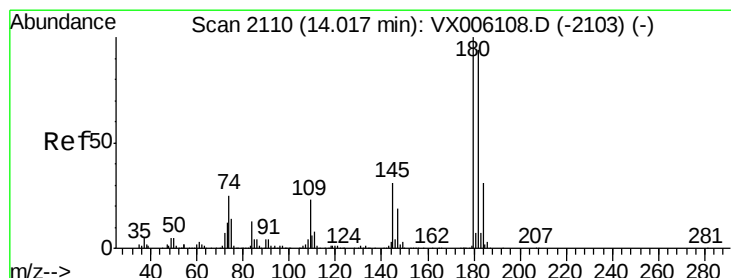
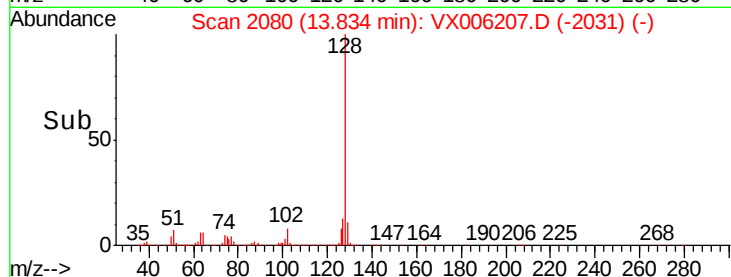
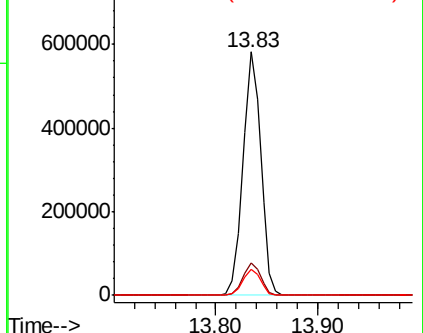
129 10.9 8.8 13.2



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: 50.611 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.01 min

Lab File: VX006207.D

Acq: 27 Nov 2018 06:17

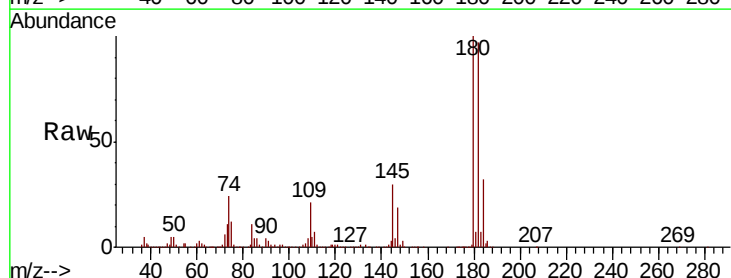
Tgt Ion:180 Resp: 225671

Ion Ratio Lower Upper

180 100

182 95.4 47.5 142.5

145 30.3 15.0 45.0



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

