

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022719\
 Data File : VX007730.D
 Acq On : 27 Feb 2019 13:16
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 28 03:46:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	287145	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	411779	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	379880	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	203515	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	165238	46.46	ug/l	0.00
Spiked Amount			Recovery	=	92.92%	
35) Dibromofluoromethane	5.50	113	131565	47.80	ug/l	0.00
Spiked Amount			Recovery	=	95.60%	
50) Toluene-d8	8.71	98	500553	47.50	ug/l	0.00
Spiked Amount			Recovery	=	95.00%	
62) 4-Bromofluorobenzene	11.13	95	184074	47.59	ug/l	0.00
Spiked Amount			Recovery	=	95.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	117216	44.313	ug/l	100
3) Chloromethane	1.33	50	130443	44.501	ug/l	100
4) Vinyl Chloride	1.41	62	131444	43.708	ug/l	99
5) Bromomethane	1.64	94	83832	44.072	ug/l	98
6) Chloroethane	1.72	64	85779	44.646	ug/l	99
7) Trichlorofluoromethane	1.93	101	188206	40.824	ug/l	100
8) Diethyl Ether	2.19	74	82766	43.744	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.39	101	114029	40.922	ug/l	98
10) Methyl Iodide	2.51	142	166916	48.107	ug/l	100
11) Tert butyl alcohol	3.07	59	160315	237.556	ug/l	98
12) 1,1-Dichloroethene	2.37	96	104754	41.706	ug/l	91
13) Acrolein	2.29	56	113650	189.517	ug/l	99
14) Allyl chloride	2.73	41	220539	47.487	ug/l	94
15) Acrylonitrile	3.15	53	397803	250.485	ug/l	99
16) Acetone	2.45	43	373022	235.833	ug/l	99
17) Carbon Disulfide	2.57	76	291412	41.703	ug/l	100
18) Methyl Acetate	2.78	43	179348	51.963	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	404663	46.265	ug/l	100
20) Methylene Chloride	2.86	84	125580	42.997	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	114277	41.851	ug/l	92
22) Diisopropyl ether	3.87	45	440412	45.554	ug/l	97
23) Vinyl Acetate	3.82	43	1987180	234.276	ug/l	96
24) 1,1-Dichloroethane	3.70	63	223164	42.473	ug/l	98
25) 2-Butanone	4.70	43	627830	260.579	ug/l	93
26) 2,2-Dichloropropane	4.59	77	169768	40.477	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	145899	41.992	ug/l	92
28) Bromochloromethane	5.01	49	121722	47.586	ug/l	85
29) Tetrahydrofuran	5.15	42	408144	256.986	ug/l	93
30) Chloroform	5.21	83	243382	43.243	ug/l	100
31) Cyclohexane	5.57	56	223058	45.131	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	201849	43.365	ug/l	97
36) 1,1-Dichloropropene	5.79	75	179062	48.368	ug/l	97
37) Ethyl Acetate	4.85	43	232683	56.581	ug/l	99
38) Carbon Tetrachloride	5.78	117	178330	47.954	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	226860	48.486	ug/l	93
40) Benzene	6.14	78	551949	48.298	ug/l	100
41) Methacrylonitrile	5.06	41	129425	58.939	ug/l	96
42) 1,2-Dichloroethane	6.20	62	204297	53.188	ug/l	100
43) Isopropyl Acetate	6.46	43	360422	56.946	ug/l	98
44) Trichloroethene	7.21	130	152402	48.478	ug/l	95
45) 1,2-Dichloropropane	7.51	63	149134	50.378	ug/l	100
46) Dibromomethane	7.66	93	98070	47.486	ug/l	99
47) Bromodichloromethane	7.90	83	184002	51.412	ug/l	99
48) Methyl methacrylate	7.77	41	194607	58.658	ug/l	91
49) 1,4-Dioxane	7.75	88	76477	1067.290	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	1188908	280.628	ug/l	99
52) Toluene	8.78	92	349109	48.445	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	208467	47.029	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	225809	51.992	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	147863	49.204	ug/l	99
56) Ethyl methacrylate	9.18	69	230511	53.941	ug/l	94
57) 1,3-Dichloropropane	9.37	76	250132	51.998	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	643432	273.037	ug/l	97
59) 2-Hexanone	9.49	43	899657	270.483	ug/l	99
60) Dibromochloromethane	9.58	129	153984	53.253	ug/l	98
61) 1,2-Dibromoethane	9.67	107	157834	50.587	ug/l	99
64) Tetrachloroethene	9.34	164	159588	51.748	ug/l	98
65) Chlorobenzene	10.13	112	392310	47.749	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	146104	50.979	ug/l	99
67) Ethyl Benzene	10.25	91	665499	48.897	ug/l	99
68) m/p-Xylenes	10.36	106	517960	97.824	ug/l	96
69) o-Xylene	10.69	106	250064	49.100	ug/l	95
70) Styrene	10.71	104	419650	50.129	ug/l	99
71) Bromoform	10.85	173	122339	56.925	ug/l	99
73) Isopropylbenzene	11.02	105	671874	46.191	ug/l	100
74) N-amyl acetate	10.90	43	314028	49.716	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	220228	43.776	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	265524	61.209	ug/l	78
77) Bromobenzene	11.26	156	181612	49.780	ug/l	94
78) n-propylbenzene	11.36	91	763824	46.471	ug/l	98
79) 2-Chlorotoluene	11.42	91	449853	45.454	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	560970	46.886	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	67725	42.327	ug/l	97
82) 4-Chlorotoluene	11.51	91	527265	45.542	ug/l	98
83) tert-Butylbenzene	11.77	119	549855	47.865	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	574380	46.933	ug/l	98
85) sec-Butylbenzene	11.94	105	675890	46.953	ug/l	99
86) p-Isopropyltoluene	12.06	119	608737	48.287	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	321740	47.544	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	324263	46.787	ug/l	99
89) n-Butylbenzene	12.38	91	524943	46.691	ug/l	99
90) Hexachloroethane	12.60	117	98754	46.491	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	322364	47.609	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	49900	45.523	ug/l	95

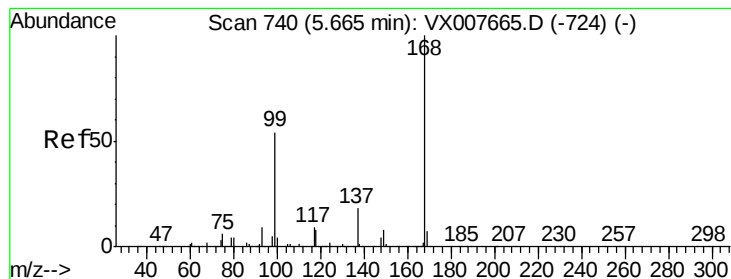
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	234359	56.702	ug/l	100
94) Hexachlorobutadiene	13.78	225	120373	63.663	ug/l	99
95) Naphthalene	13.83	128	694095	51.834	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	233579	56.283	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

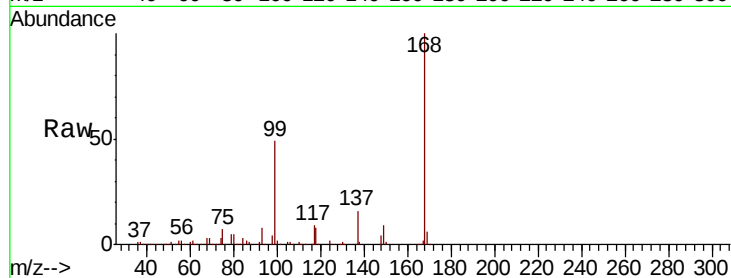
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 287145

Ion Ratio Lower Upper

168 100

99 49.3 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

20000

0

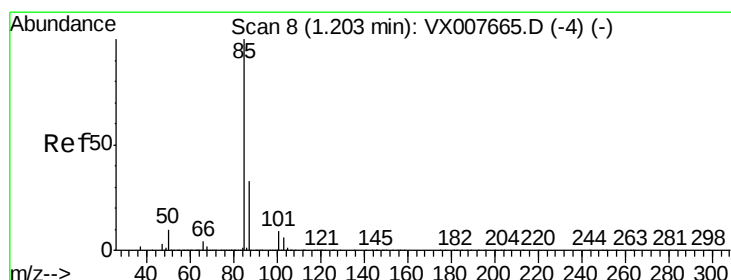
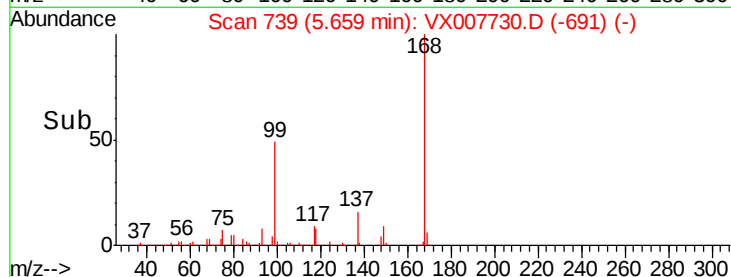
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 44.313 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.01 min

Lab File: VX007730.D

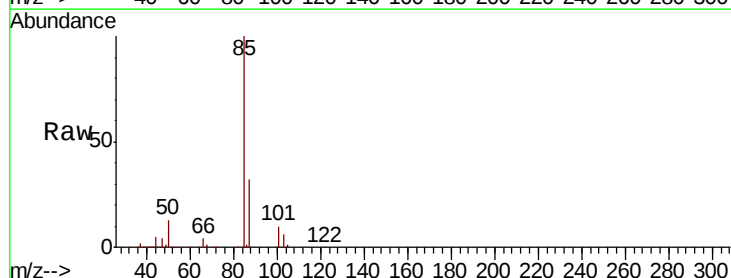
Acq: 27 Feb 2019 13:16

Tgt Ion: 85 Resp: 117216

Ion Ratio Lower Upper

85 100

87 31.7 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

120000

100000

80000

60000

40000

20000

0

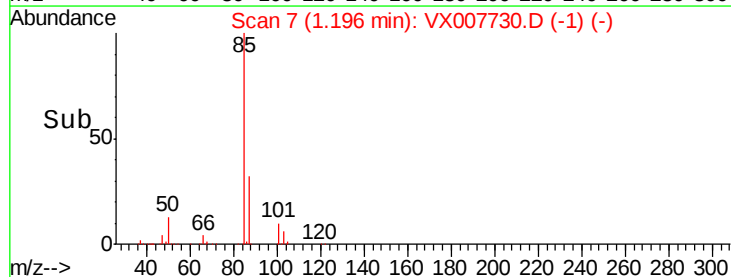
1.15

1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 44.501 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Instrument :

MSVOA_X

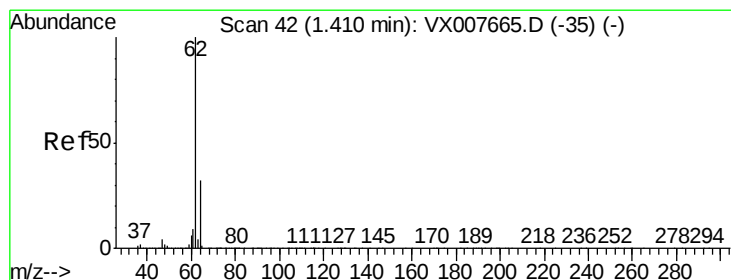
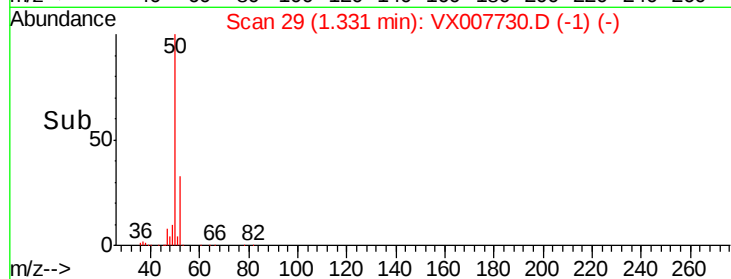
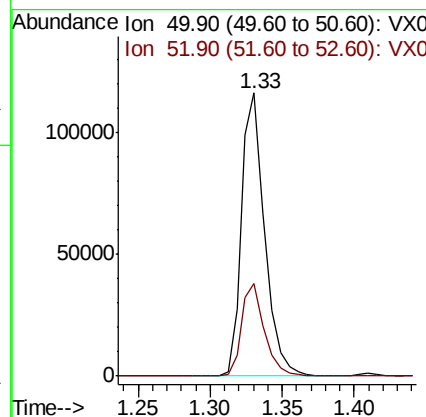
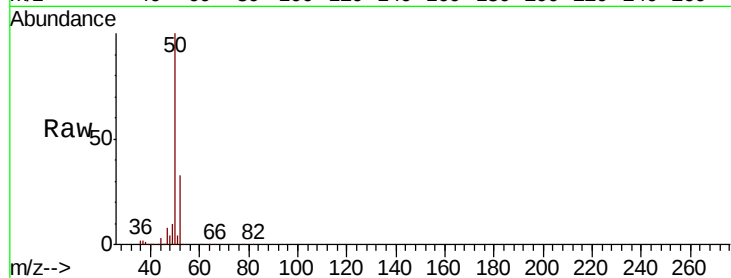
ClientSampleId :

Tot Ion: 50 Resp: 130443

Ion Ratio Lower Upper

50 100

52 32.8 26.1 39.1



#4

Vinyl Chloride

Concen: 43.708 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007730.D

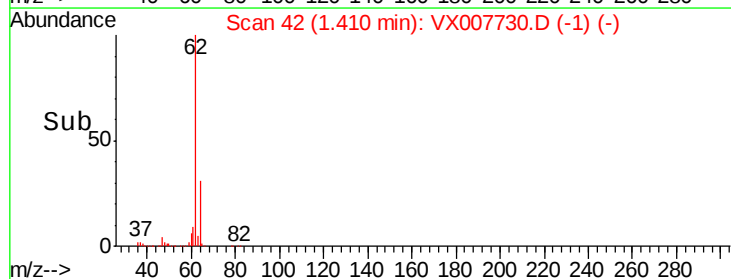
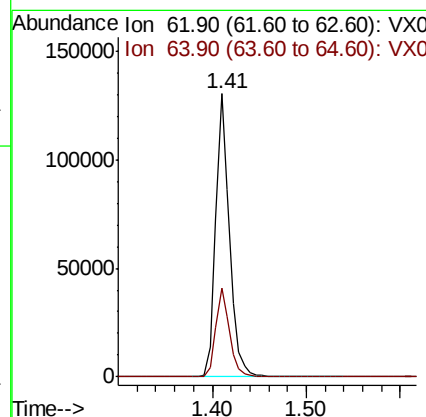
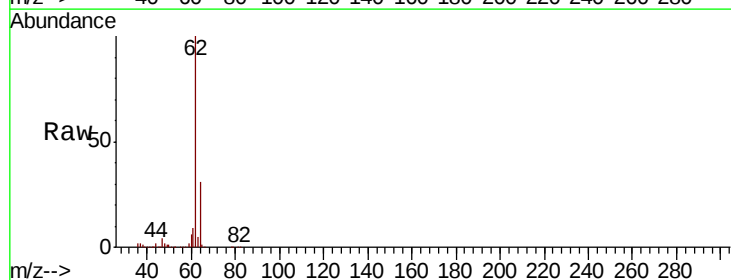
Acq: 27 Feb 2019 13:16

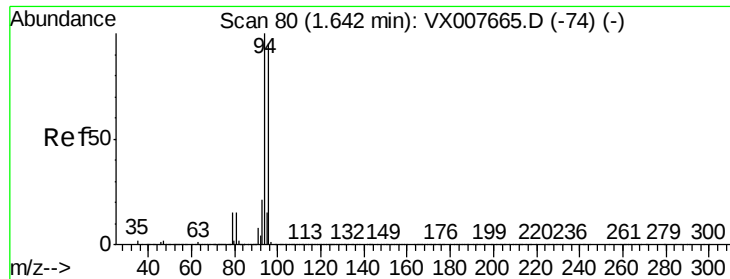
Tgt Ion: 62 Resp: 131444

Ion Ratio Lower Upper

62 100

64 31.3 25.4 38.0





#5

Bromomethane

Concen: 44.072 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Instrument :

MSVOA_X

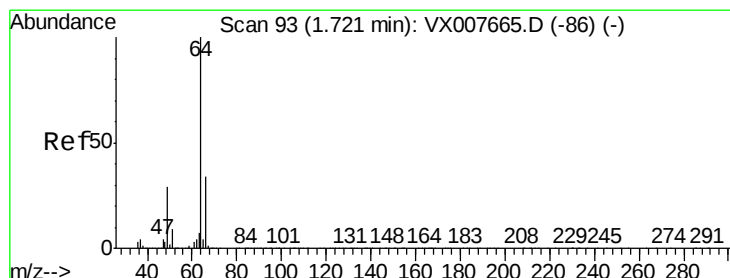
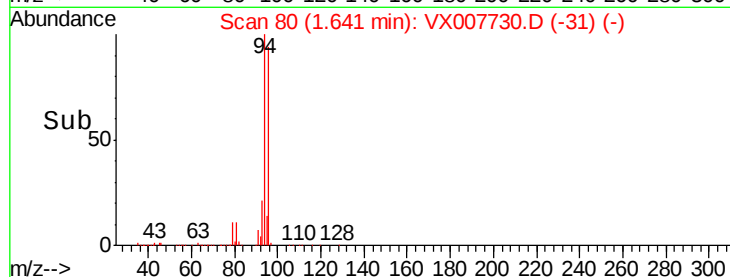
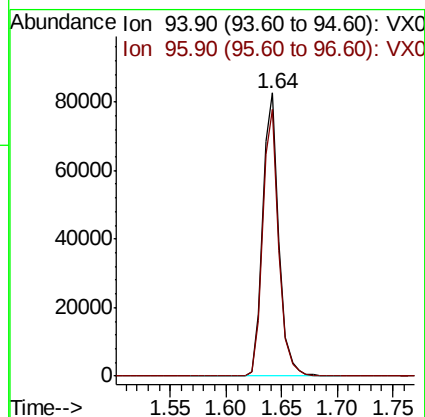
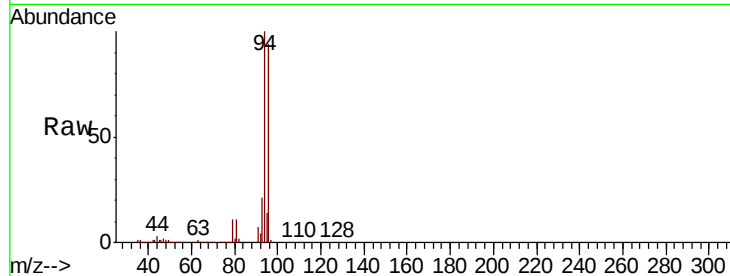
ClientSampleId :

Tot Ion: 94 Resp: 83832

Ion Ratio Lower Upper

94 100

96 94.2 73.9 110.9



#6

Chloroethane

Concen: 44.646 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX007730.D

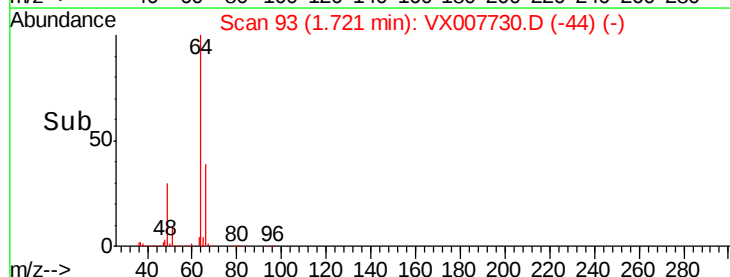
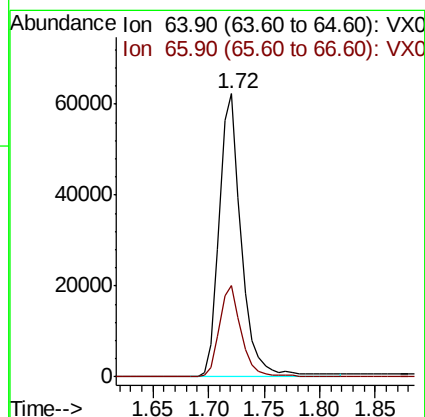
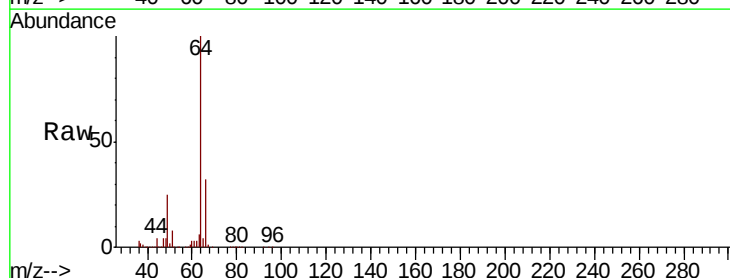
Acq: 27 Feb 2019 13:16

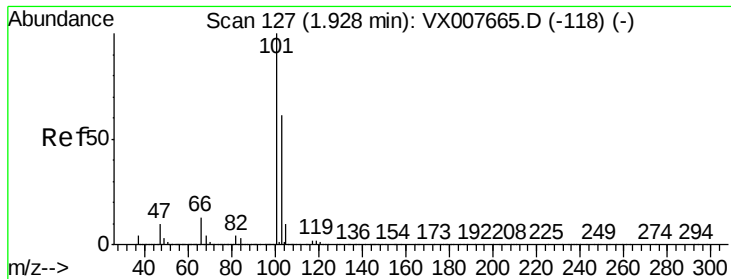
Tgt Ion: 64 Resp: 85779

Ion Ratio Lower Upper

64 100

66 32.4 25.5 38.3



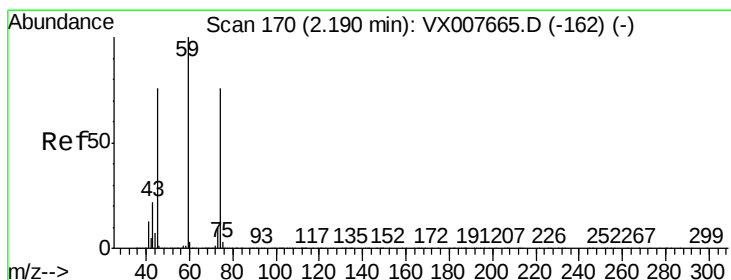
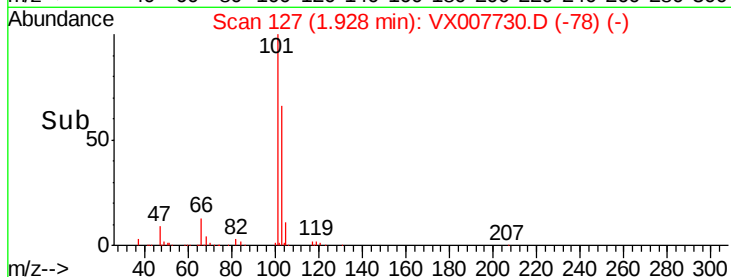
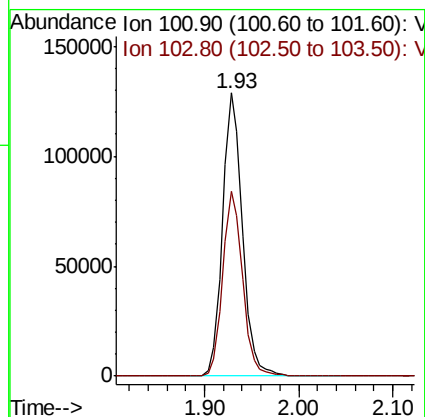
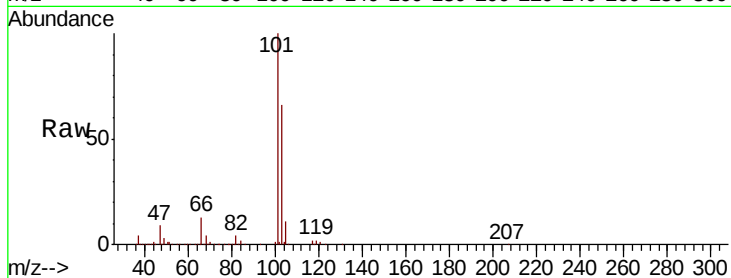


#7

Trichlorofluoromethane
Concen: 40.824 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

Instrument :
MSVOA_X
ClientSampled :

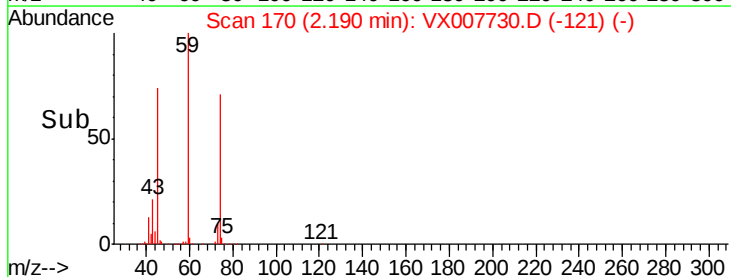
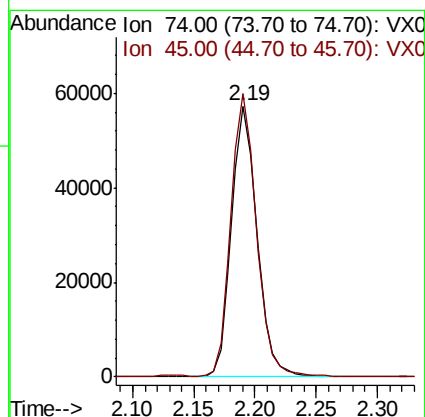
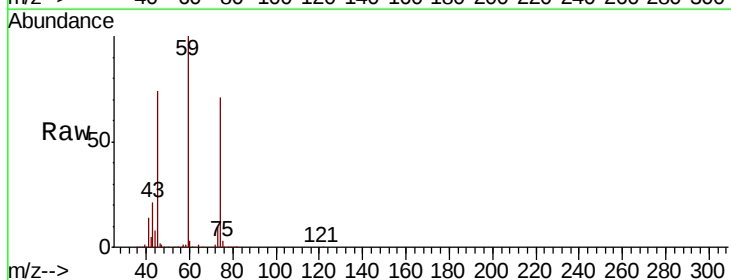
Tot Ion:101 Resp: 188206
Ion Ratio Lower Upper
101 100
103 65.5 52.6 79.0



#8

Diethyl Ether
Concen: 43.744 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

Tgt Ion: 74 Resp: 82766
Ion Ratio Lower Upper
74 100
45 103.7 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 40.922 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

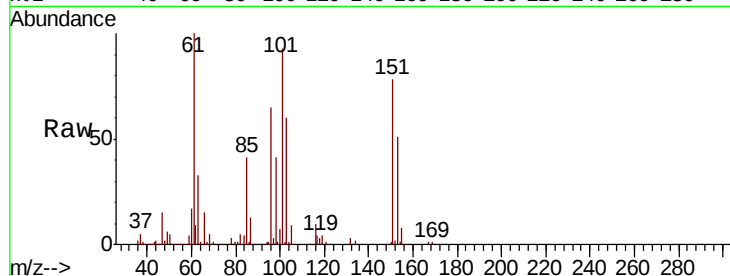
Tot Ion:101 Resp: 114029

Ion Ratio Lower Upper

101 100

85 43.7 34.1 51.1

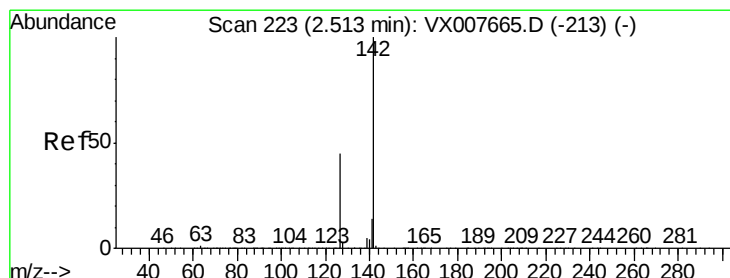
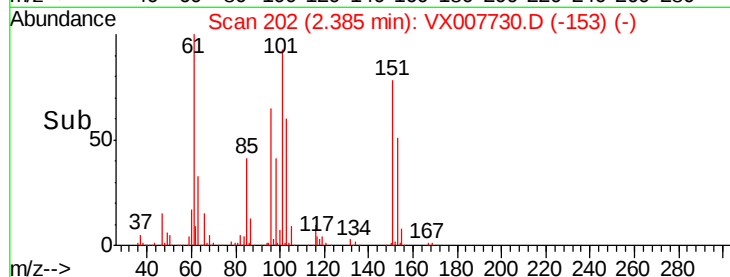
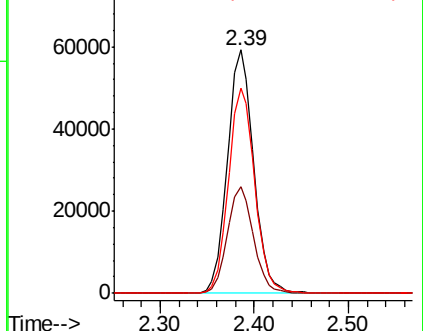
151 85.0 69.9 104.9



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: 48.107 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

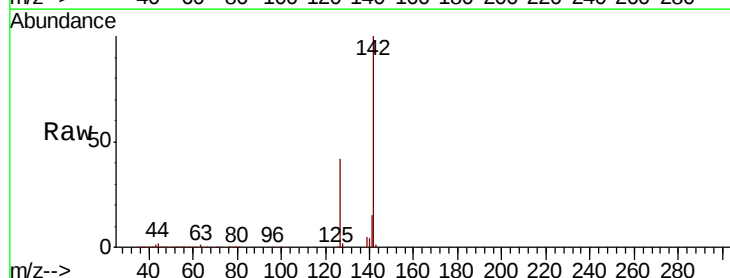
Tgt Ion:142 Resp: 166916

Ion Ratio Lower Upper

142 100

127 42.2 33.7 50.5

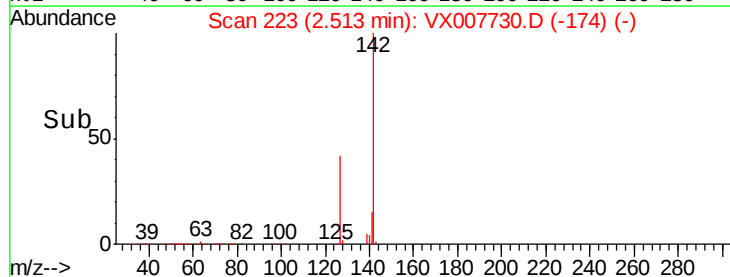
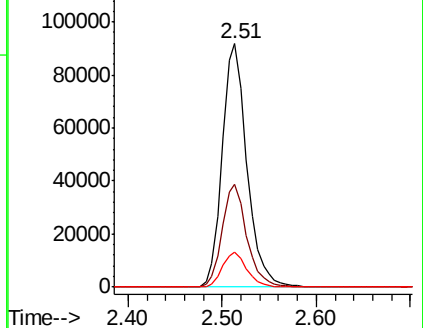
141 14.5 11.3 16.9

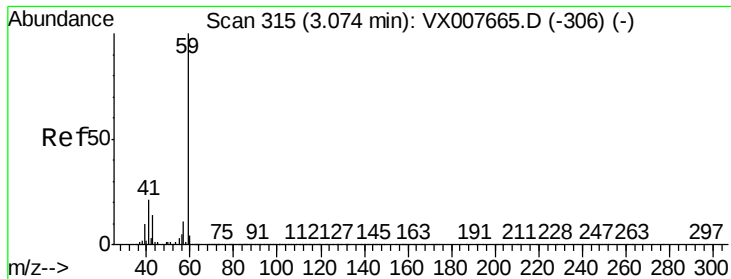


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



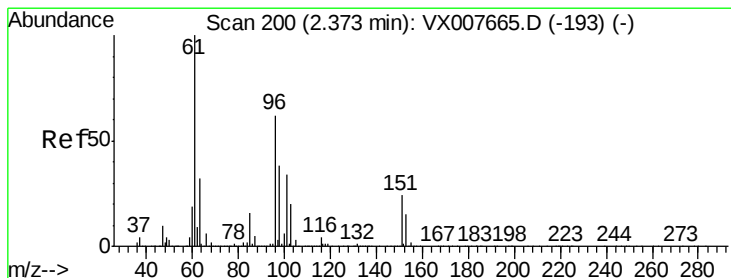
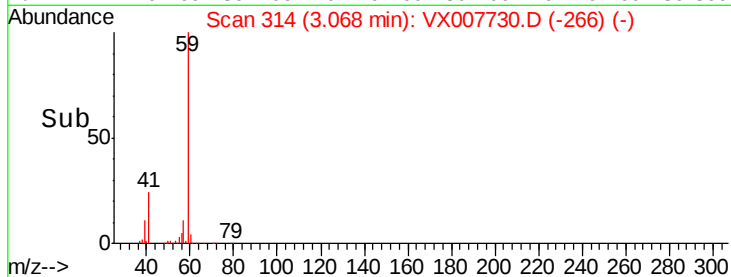
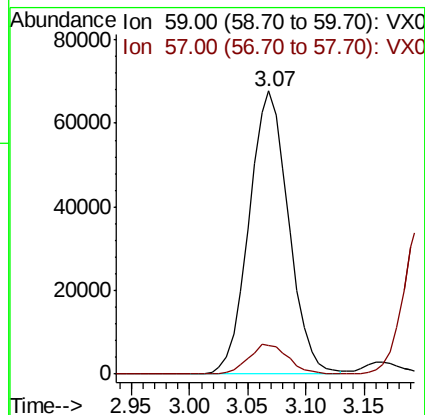
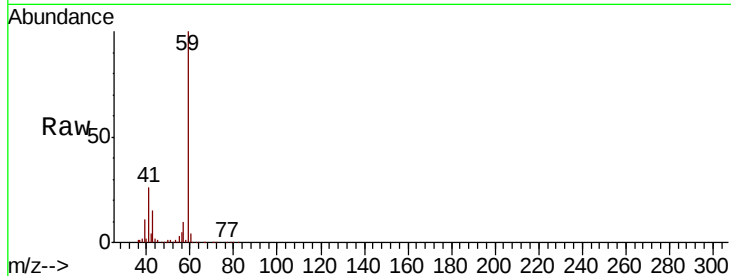


#11

Tert butyl alcohol
Concen: 237.556 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :

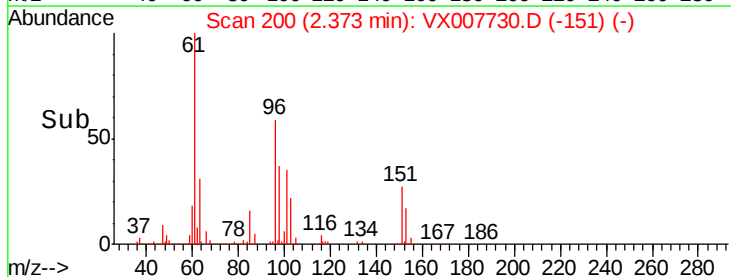
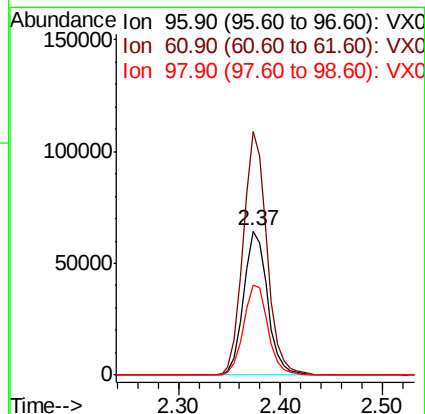
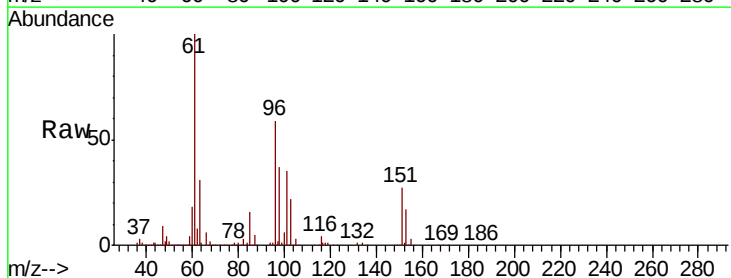
Tot Ion: 59 Resp: 160315
Ion Ratio Lower Upper
59 100
57 10.7 8.1 12.1

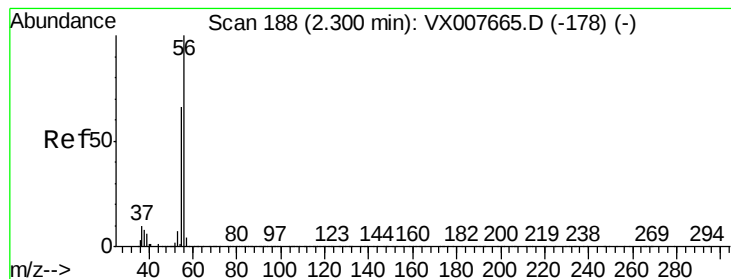


#12

1,1-Dichloroethene
Concen: 41.706 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

Tgt Ion: 96 Resp: 104754
Ion Ratio Lower Upper
96 100
61 168.7 123.0 184.4
98 62.4 50.9 76.3





#13

Acrolein

Concen: 189.517 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Instrument :

MSVOA_X

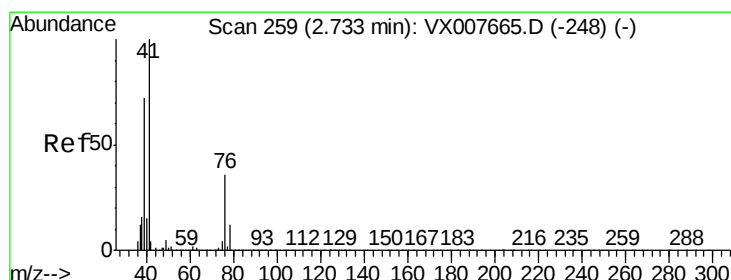
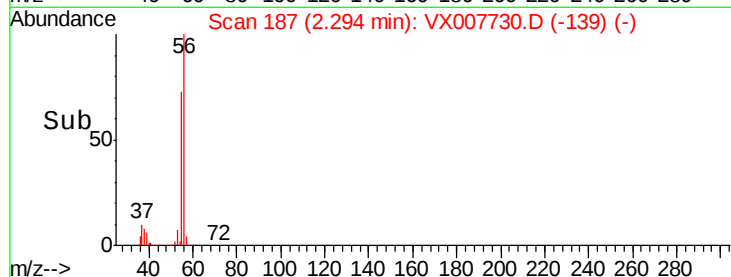
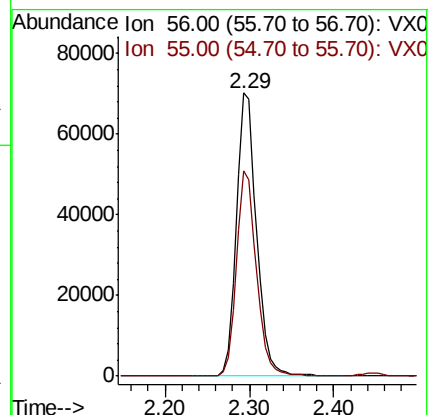
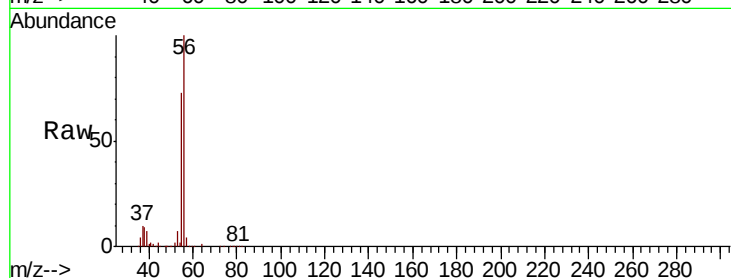
ClientSampleId :

Tot Ion: 56 Resp: 113650

Ion Ratio Lower Upper

56 100

55 71.5 56.9 85.3



#14

Allyl chloride

Concen: 47.487 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

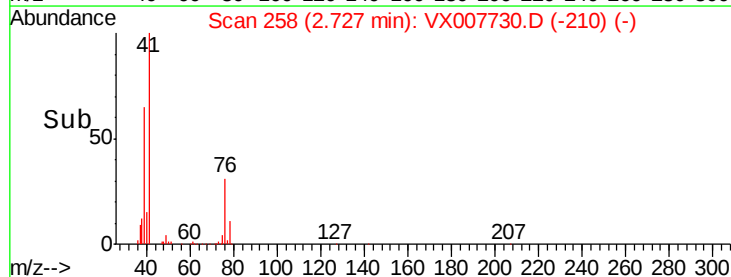
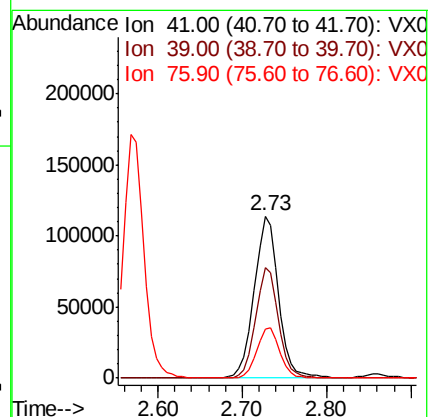
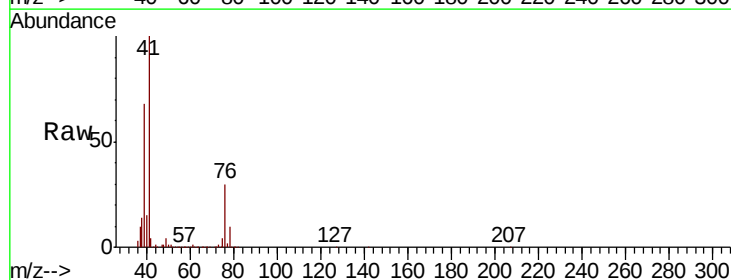
Tgt Ion: 41 Resp: 220539

Ion Ratio Lower Upper

41 100

39 64.5 54.1 81.1

76 29.3 27.8 41.8





#15

Acrylonitrile

Concen: 250.485 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Instrument :

MSVOA_X

ClientSampled :

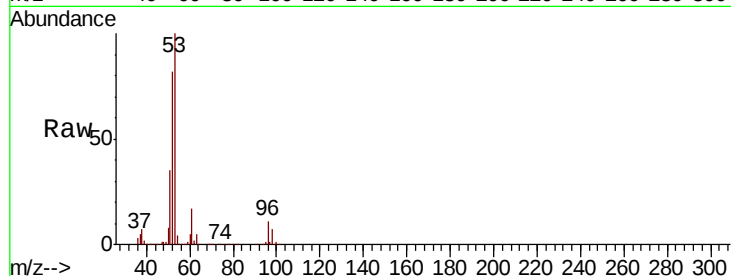
Tot Ion: 53 Resp: 397803

Ion Ratio Lower Upper

53 100

52 82.2 66.4 99.6

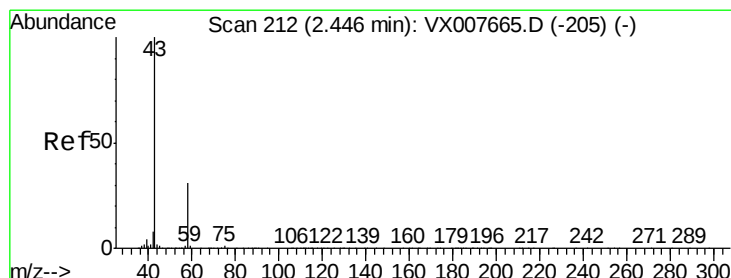
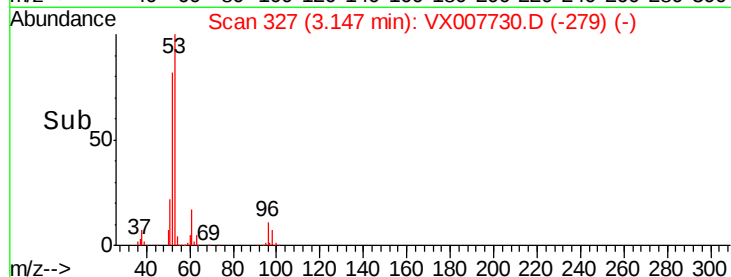
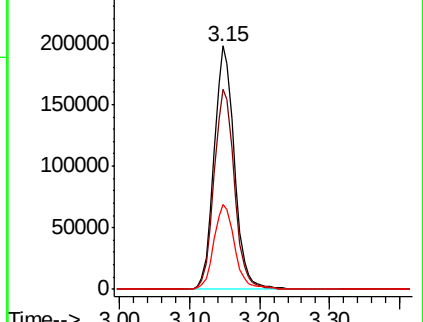
51 35.8 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 235.833 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007730.D

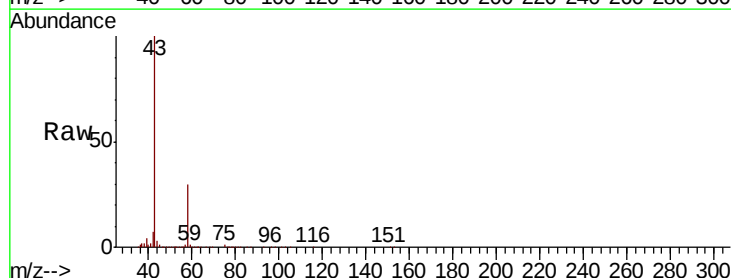
Acq: 27 Feb 2019 13:16

Tgt Ion: 43 Resp: 373022

Ion Ratio Lower Upper

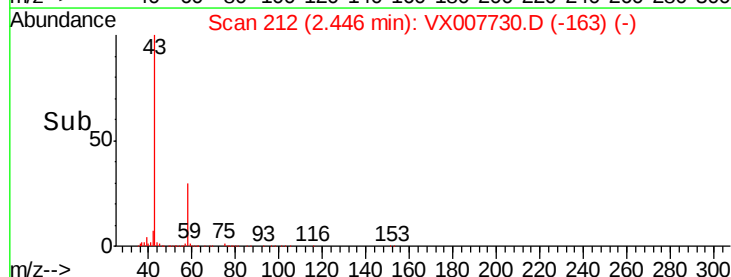
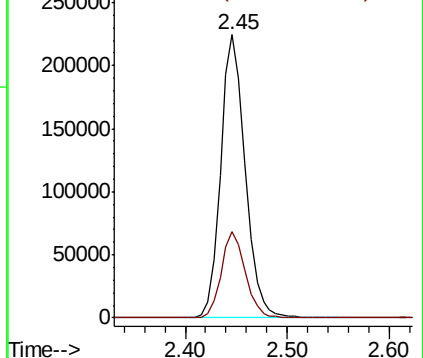
43 100

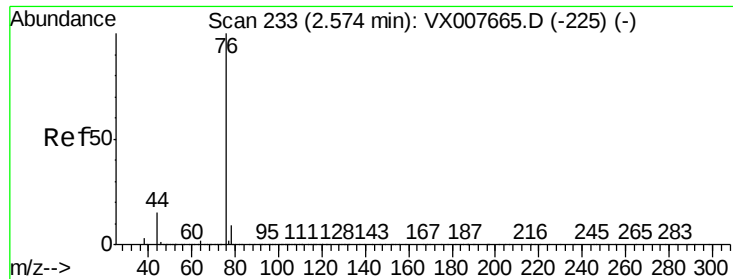
58 30.5 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 41.703 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.01 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Instrument :

MSVOA_X

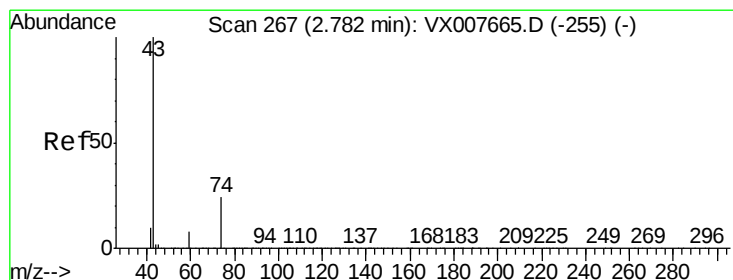
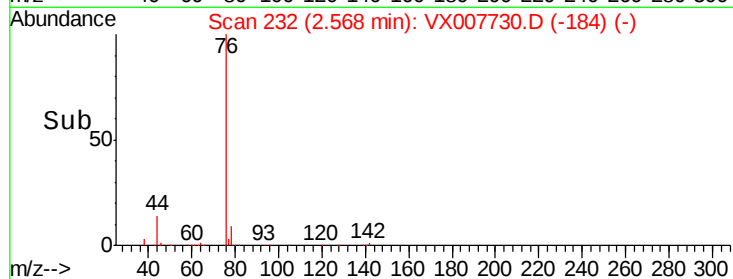
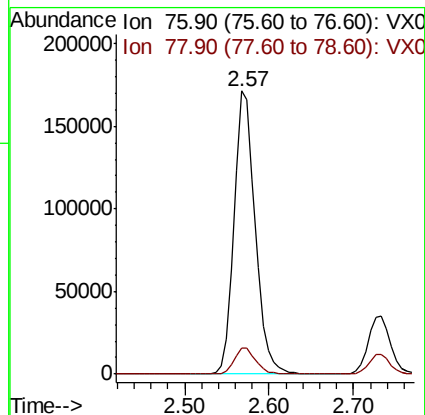
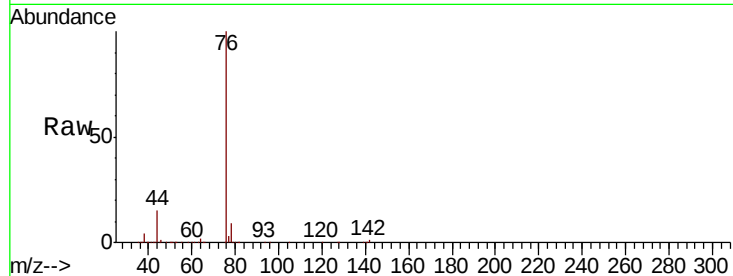
ClientSampleId :

Tot Ion: 76 Resp: 291412

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7



#18

Methyl Acetate

Concen: 51.963 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX007730.D

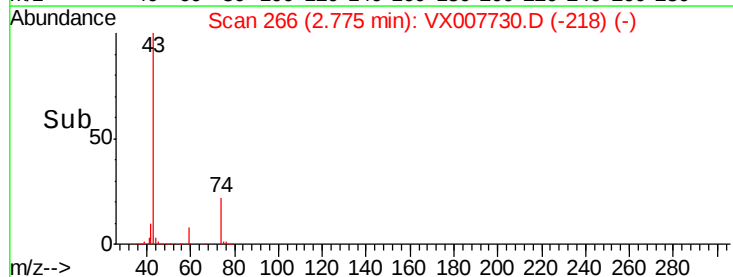
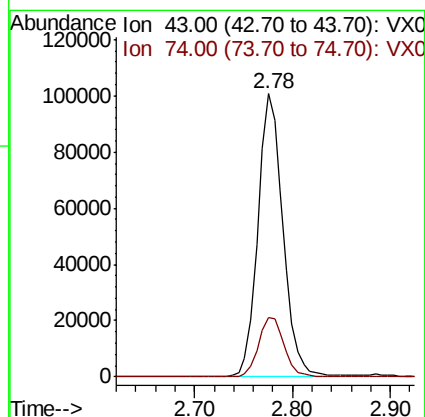
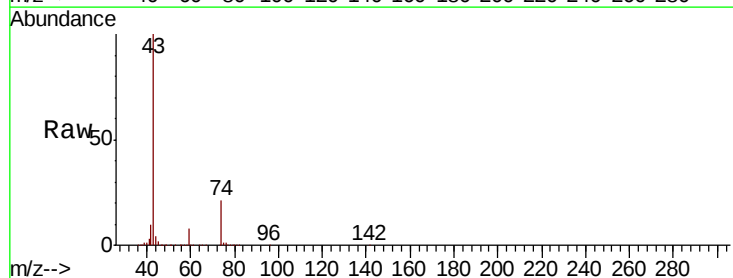
Acq: 27 Feb 2019 13:16

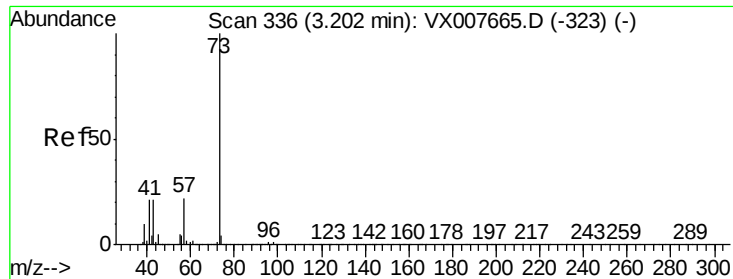
Tgt Ion: 43 Resp: 179348

Ion Ratio Lower Upper

43 100

74 21.9 19.4 29.2

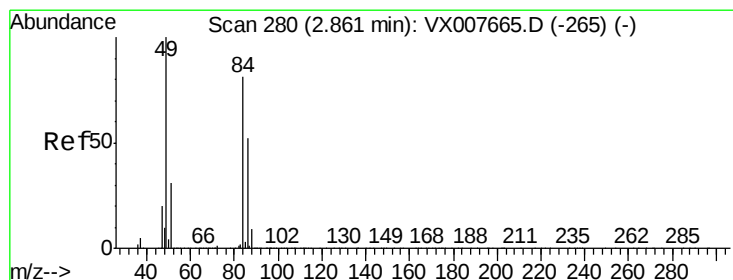
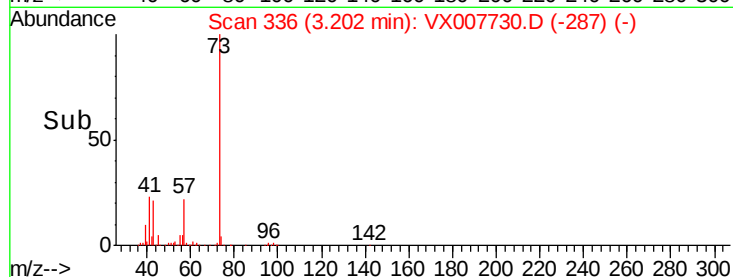
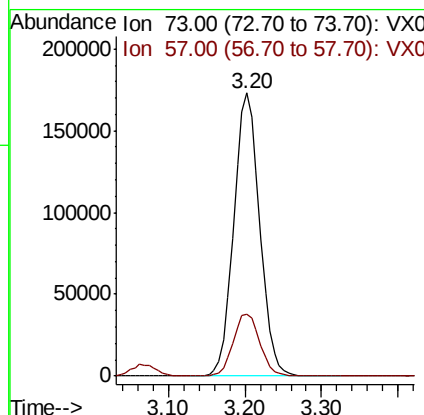
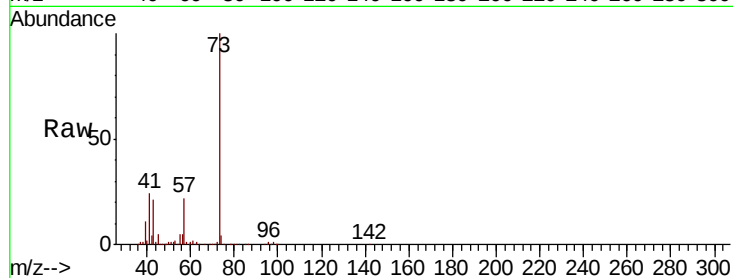




#19
Methvl tert-butvl Ether
Concen: 46.265 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

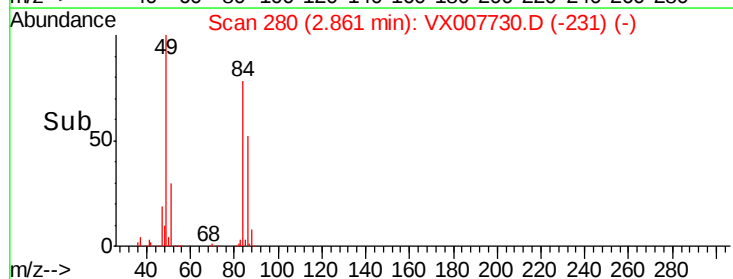
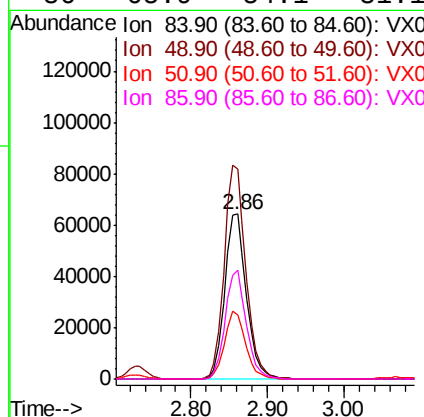
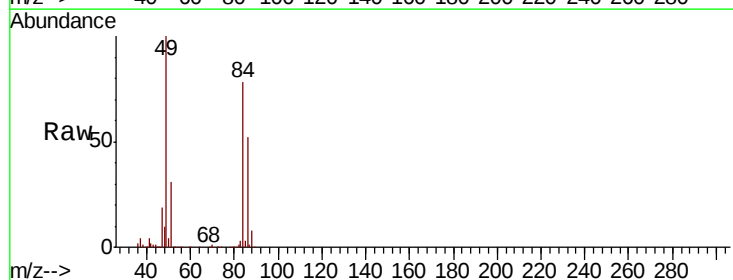
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 73 Resp: 404663
Ion Ratio Lower Upper
73 100
57 22.1 17.8 26.8



#20
Methylene Chloride
Concen: 42.997 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

Tgt Ion: 84 Resp: 125580
Ion Ratio Lower Upper
84 100
49 127.8 94.8 142.2
51 39.0 29.8 44.8
86 65.9 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 41.851 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

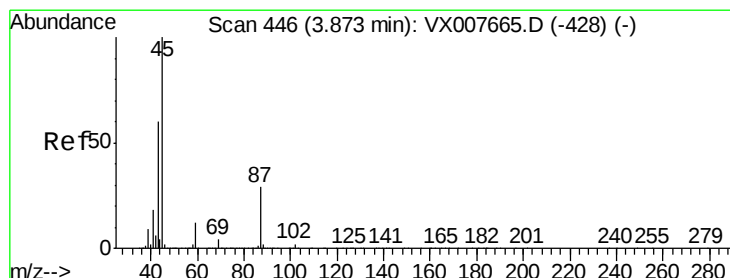
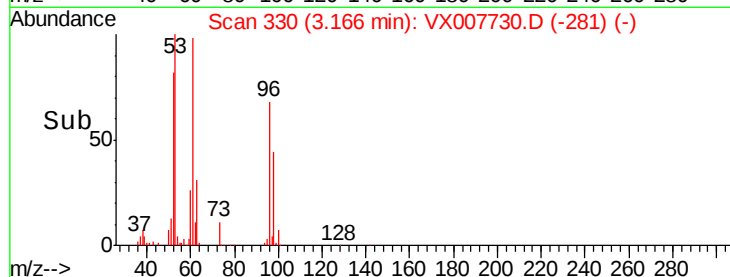
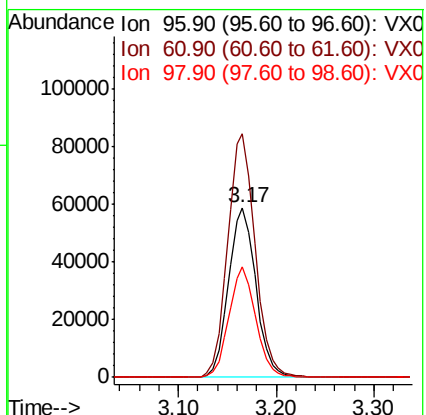
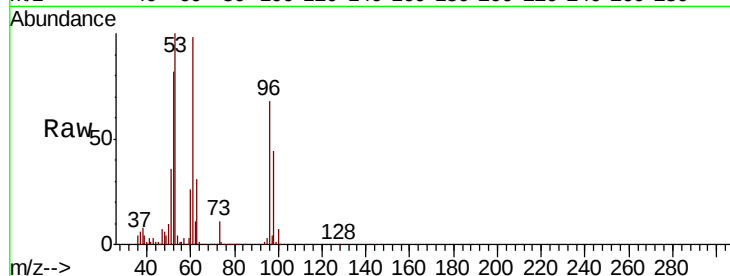
Tot Ion: 96 Resp: 114277

Ion Ratio Lower Upper

96 100

61 143.6 104.6 156.8

98 64.9 51.0 76.4



#22

Diisopropyl ether

Concen: 45.554 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Tgt Ion: 45 Resp: 440412

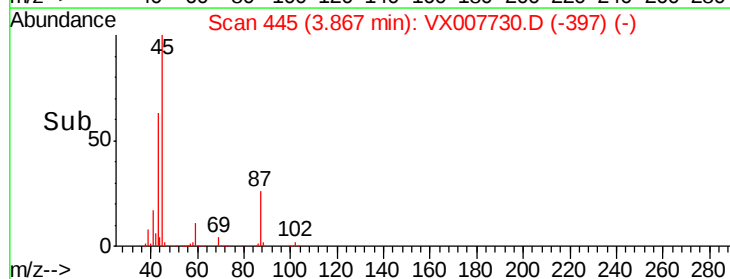
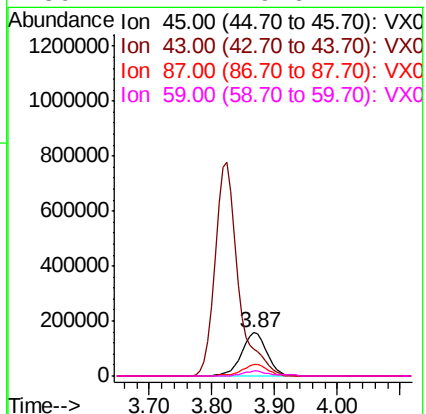
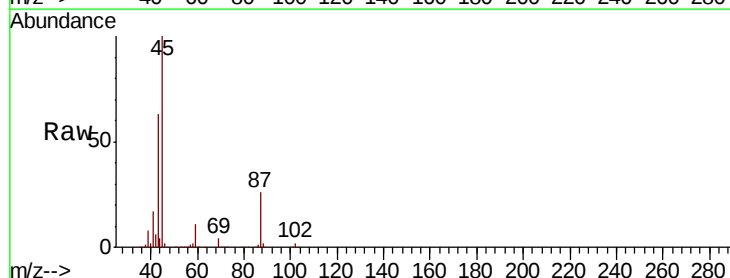
Ion Ratio Lower Upper

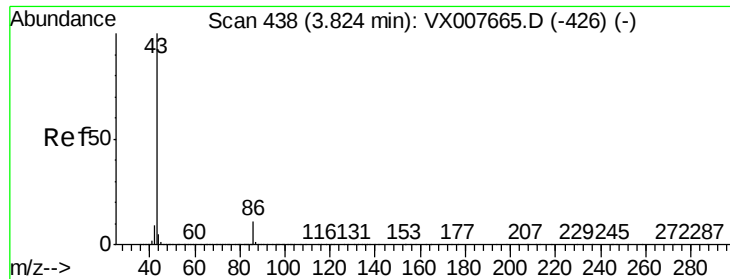
45 100

43 62.8 48.9 73.3

87 26.4 23.9 35.9

59 11.1 9.6 14.4

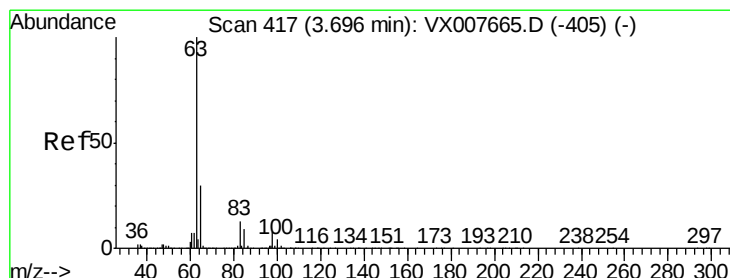
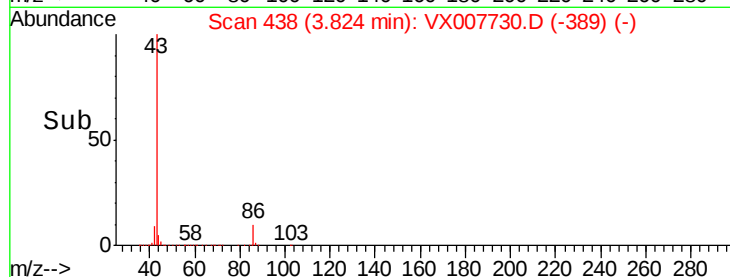
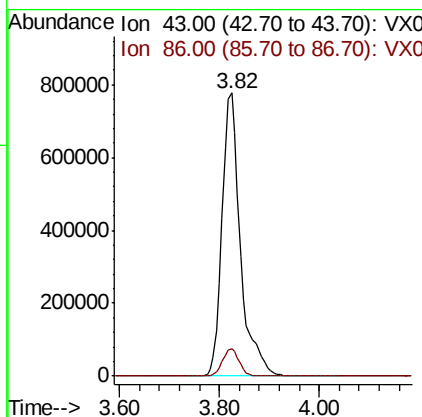
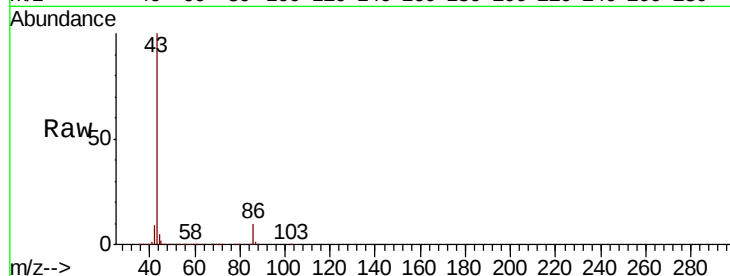




#23
 Vinyl Acetate
 Concen: 234.276 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. -0.00 min
 Lab File: VX007730.D
 Acq: 27 Feb 2019 13:16

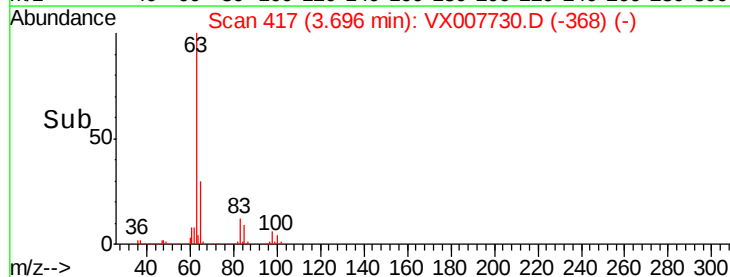
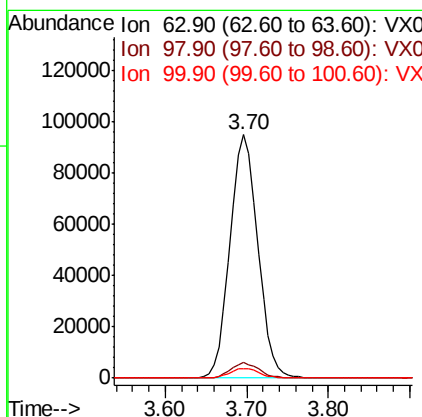
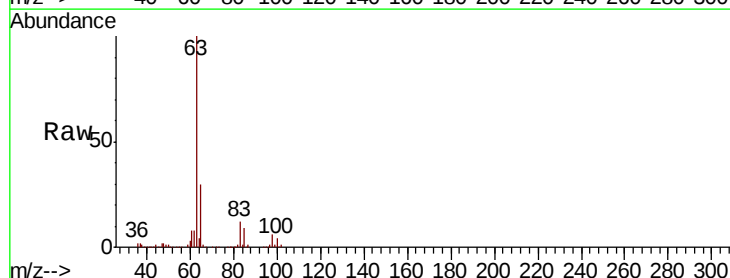
Instrument :
 MSVOA_X
 ClientSampleId :

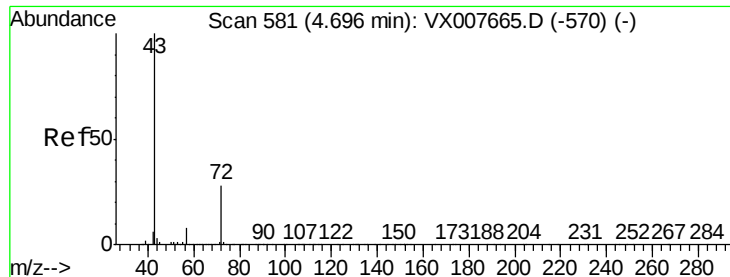
Tot Ion: 43 Resp: 1987180
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 42.473 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX007730.D
 Acq: 27 Feb 2019 13:16

Tgt Ion: 63 Resp: 223164
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.6 10.8
 100 4.1 2.5 7.4





#25

2-Butanone

Concen: 260.579 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Instrument :

MSVOA_X

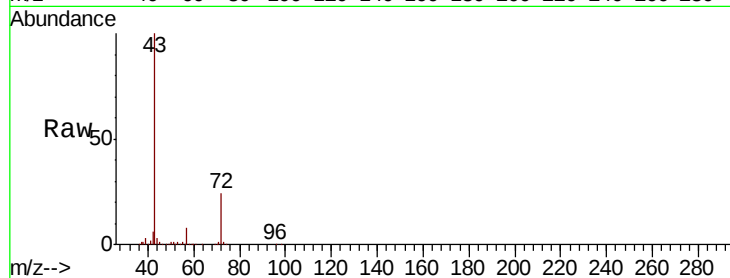
ClientSampleId :

Tot Ion: 43 Resp: 627830

Ion Ratio Lower Upper

43 100

72 24.2 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

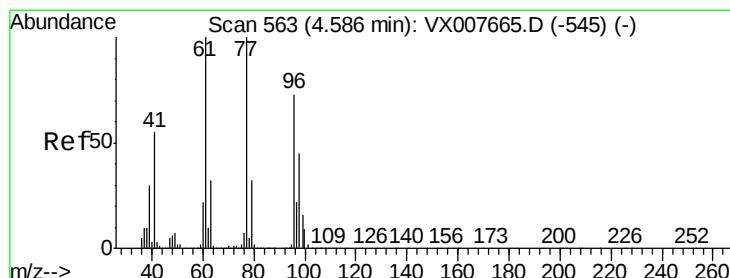
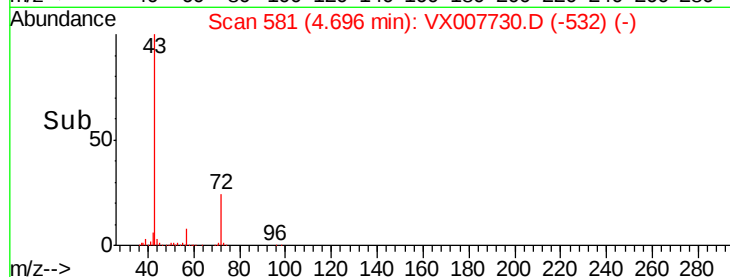
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 40.477 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007730.D

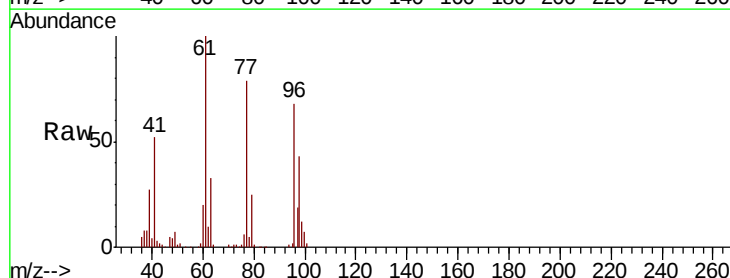
Acq: 27 Feb 2019 13:16

Tgt Ion: 77 Resp: 169768

Ion Ratio Lower Upper

77 100

97 23.4 12.1 36.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

50000

40000

30000

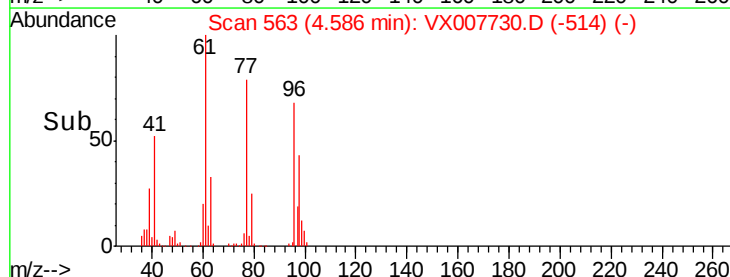
20000

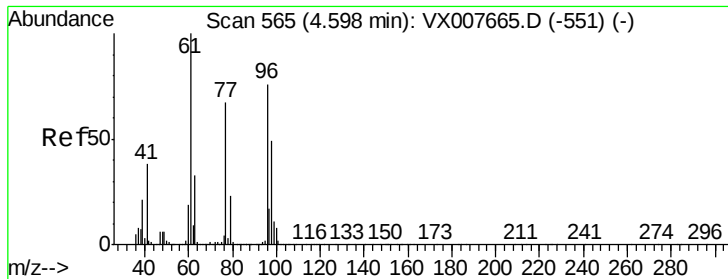
10000

0

4.40 4.50 4.60 4.70

Time-->



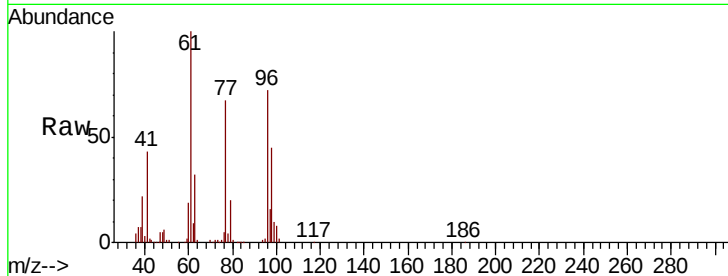


#27

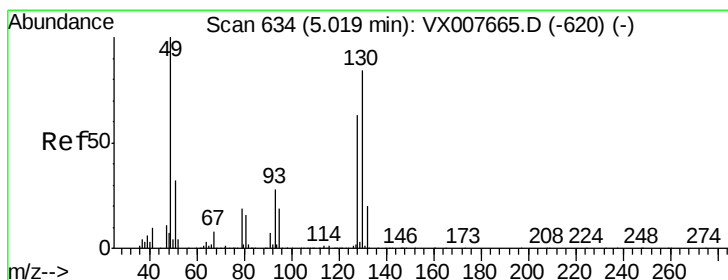
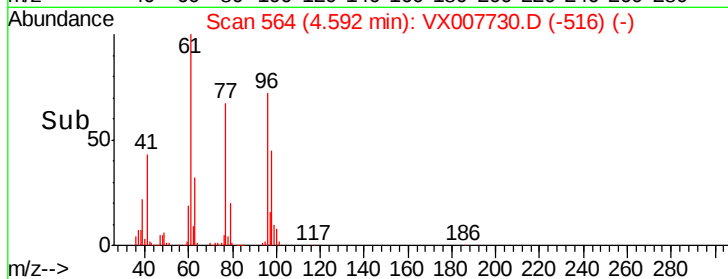
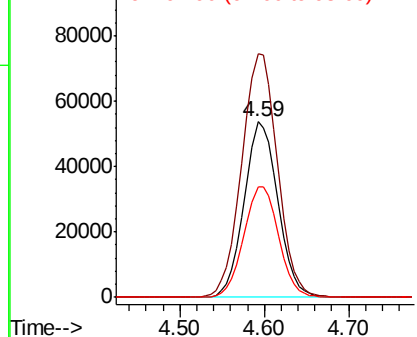
cis-1,2-Dichloroethene
Concen: 41.992 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.9	0.0	265.6
98	65.2	0.0	131.6



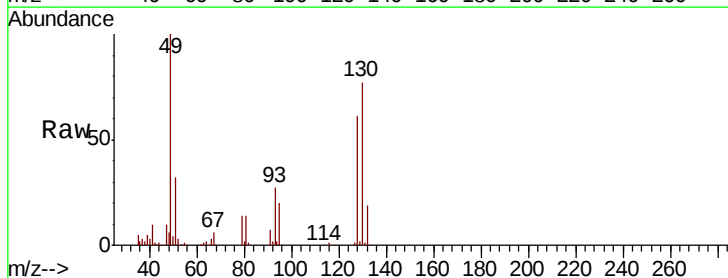
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



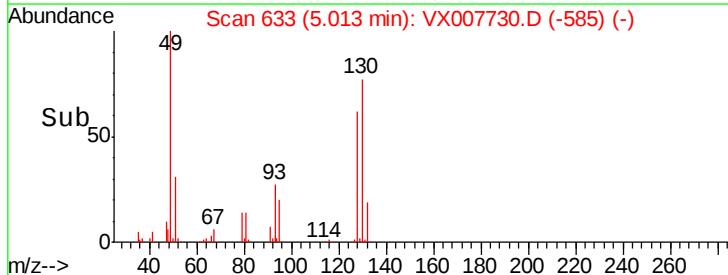
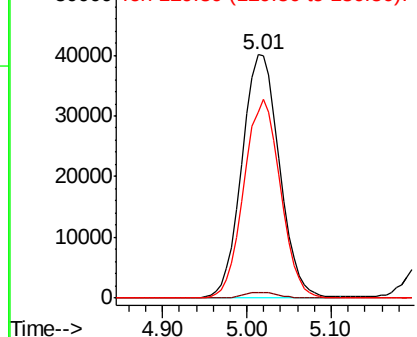
#28

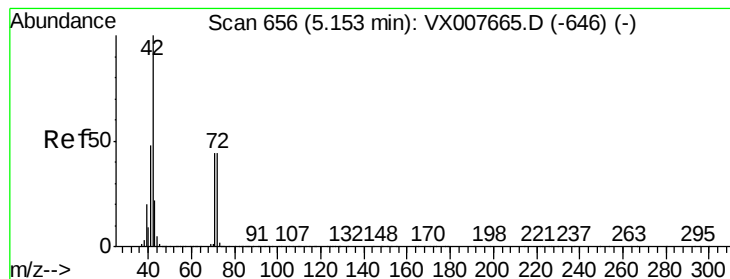
Bromochloromethane
Concen: 47.586 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	5.6
130	79.3	75.6	113.4



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: 256.986 ug/l

RT: 5.15 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

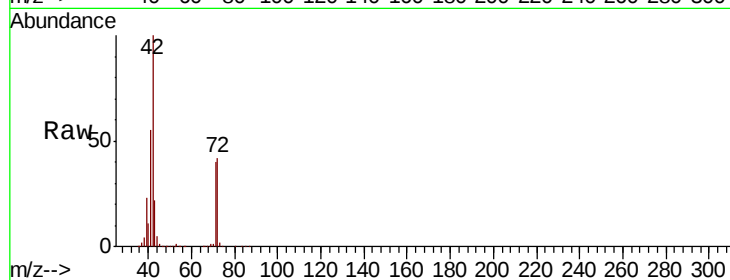
Tot Ion: 42 Resp: 408144

Ion Ratio Lower Upper

42 100

72 41.9 37.6 56.4

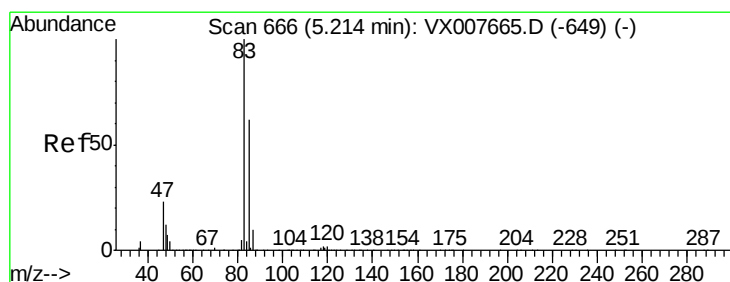
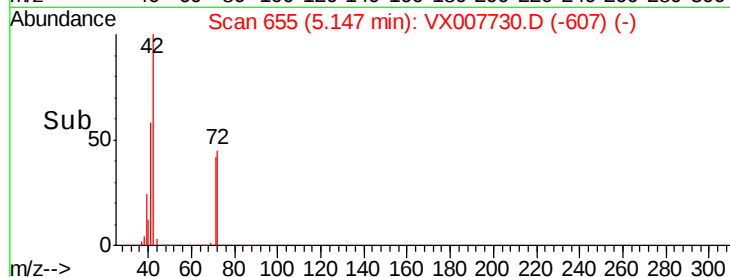
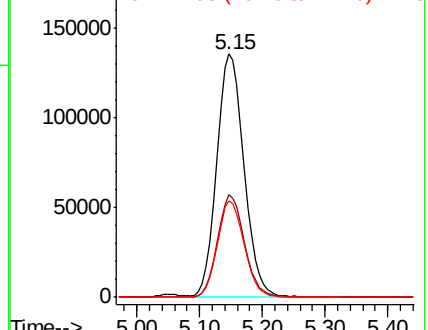
71 39.1 34.6 51.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 43.243 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007730.D

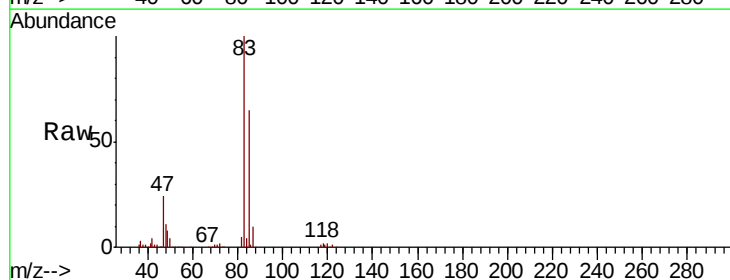
Acq: 27 Feb 2019 13:16

Tgt Ion: 83 Resp: 243382

Ion Ratio Lower Upper

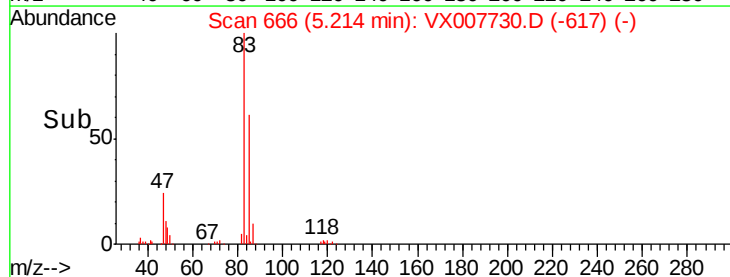
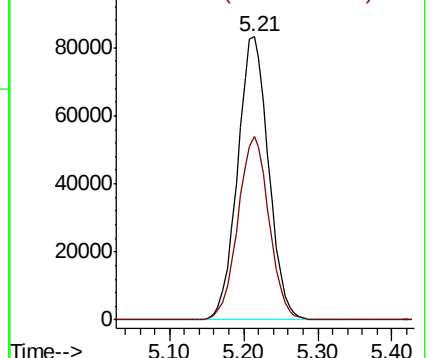
83 100

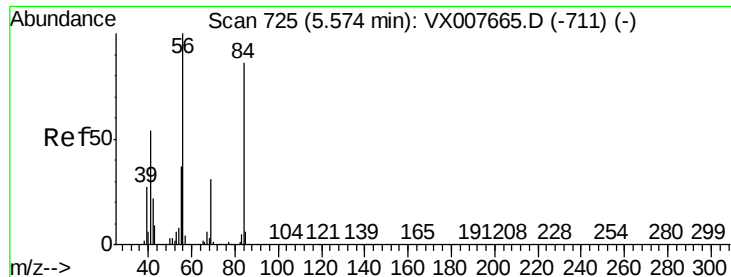
85 64.8 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

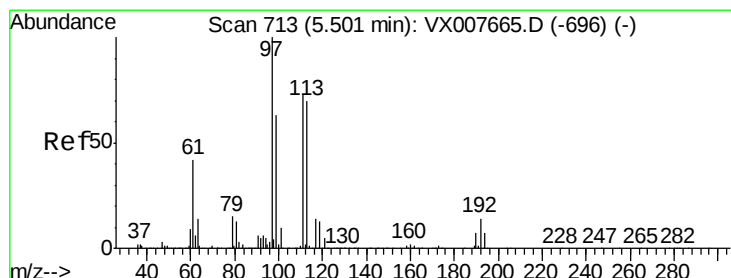
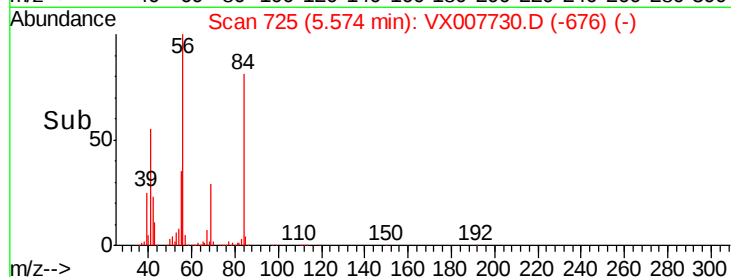
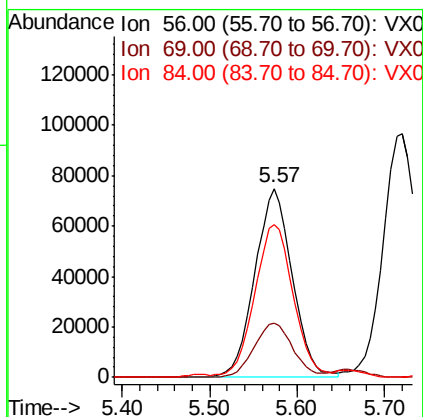
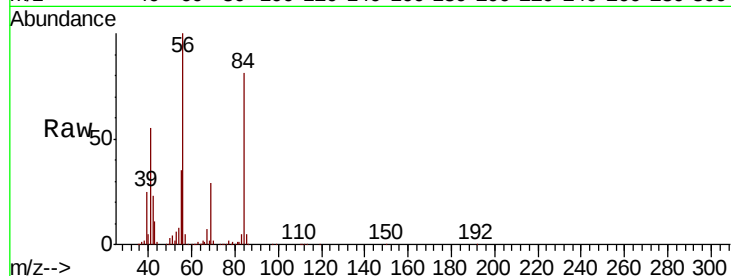




#31
Cyclohexane
Concen: 45.131 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

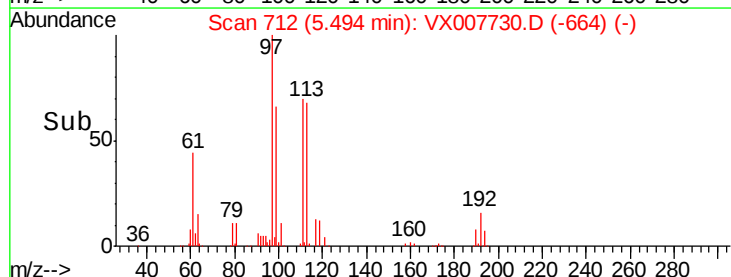
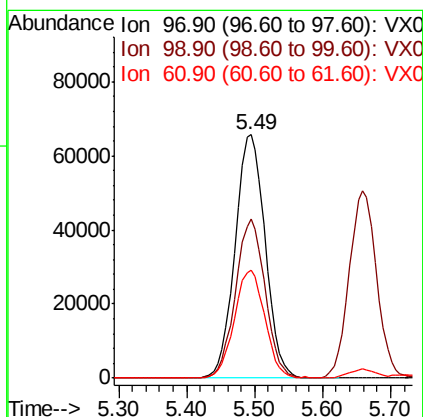
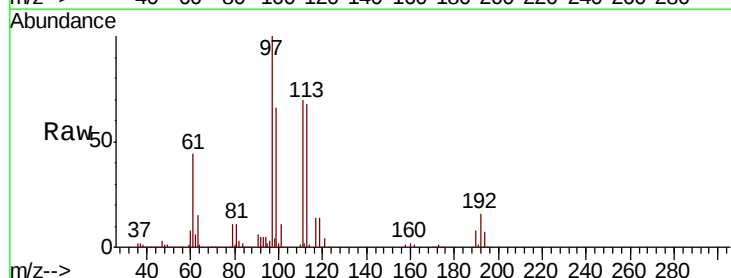
Instrument :
MSVOA_X
ClientSampleId :

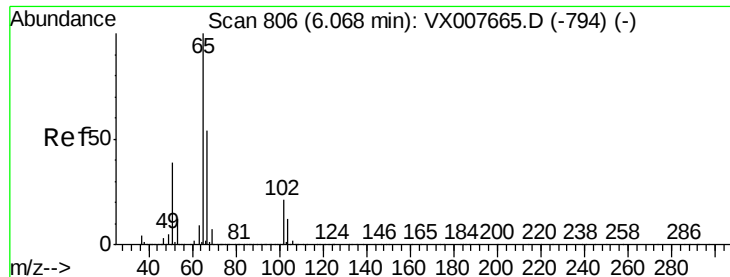
Tot Ion: 56 Resp: 223058
Ion Ratio Lower Upper
56 100
69 28.7 23.0 34.6
84 79.5 69.8 104.6



#32
1,1,1-Trichloroethane
Concen: 43.365 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

Tgt Ion: 97 Resp: 201849
Ion Ratio Lower Upper
97 100
99 64.5 52.2 78.2
61 45.1 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 46.457 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Instrument :

MSVOA_X

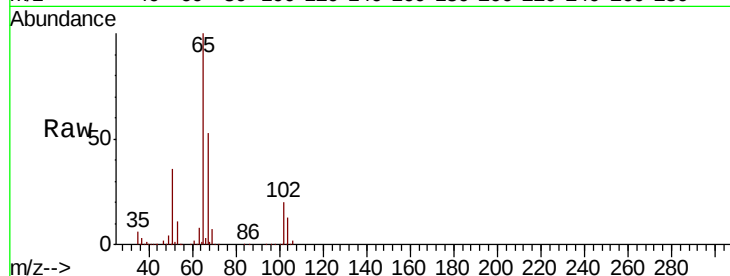
ClientSampleId :

Tot Ion: 65 Resp: 165238

Ion Ratio Lower Upper

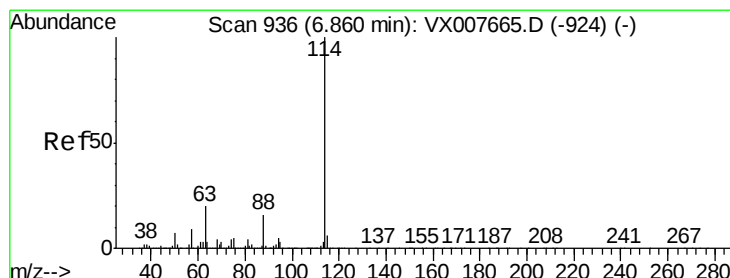
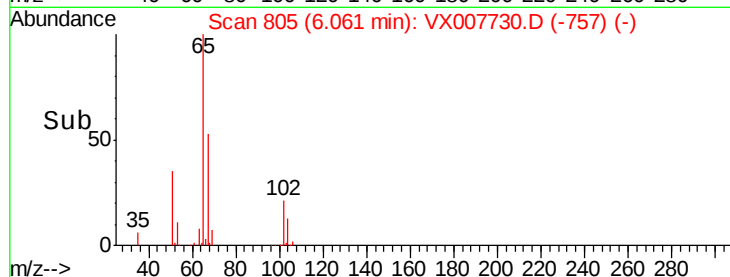
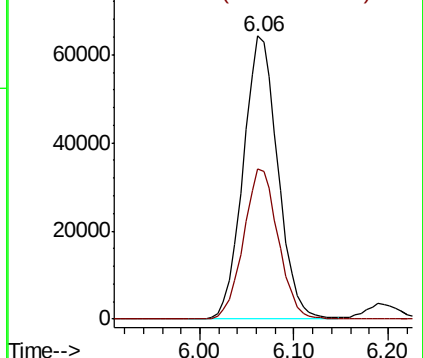
65 100

67 53.3 0.0 108.8



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: VX007730.D

Acq: 27 Feb 2019 13:16

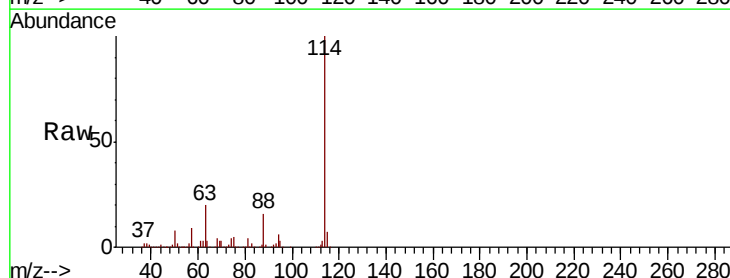
Tgt Ion: 114 Resp: 411779

Ion Ratio Lower Upper

114 100

63 20.1 0.0 35.6

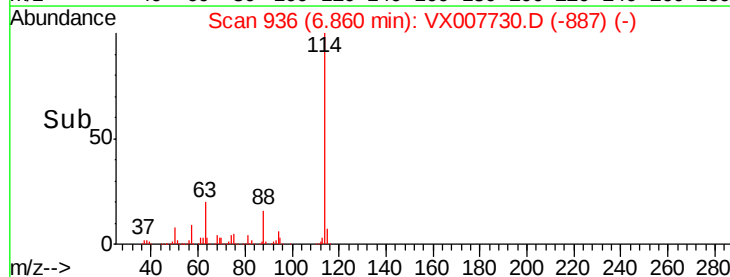
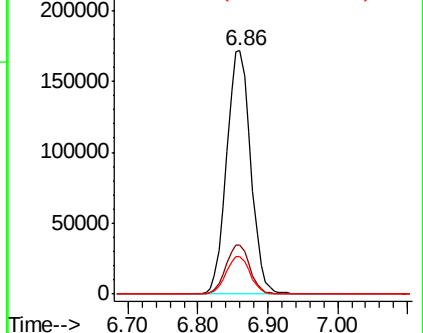
88 15.6 0.0 29.6

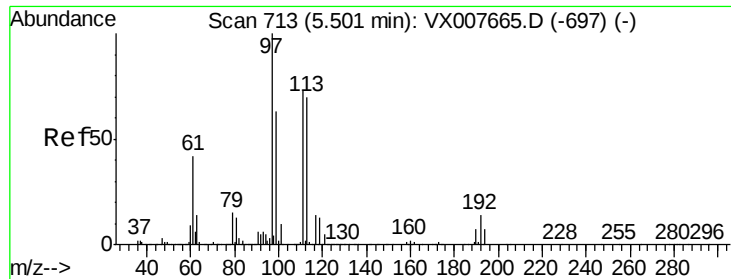


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.796 ug/l

RT: 5.50 min Scan# 713

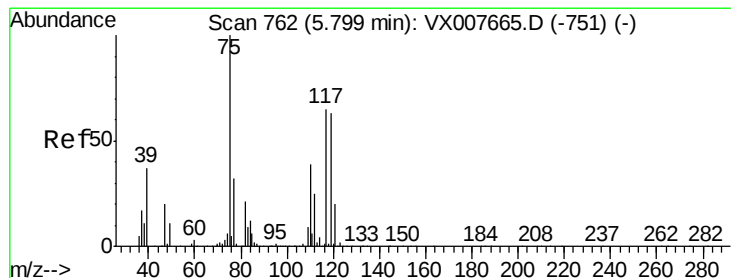
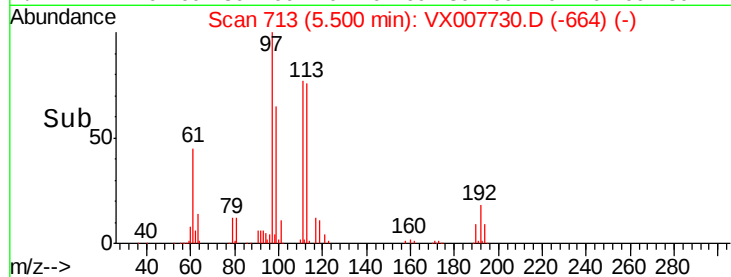
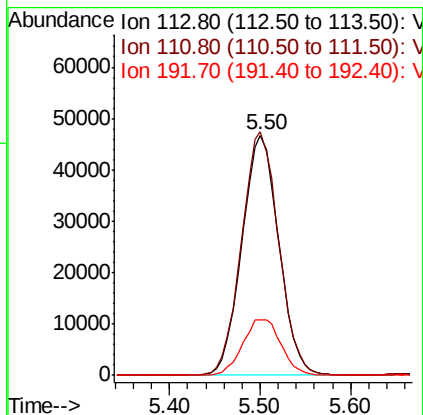
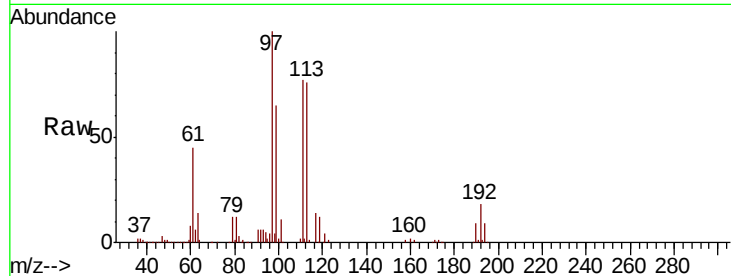
Delta R.T. -0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	113	Resp:	131565
Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.8	122.8
192	24.4	18.5	27.7



#36

1,1-Dichloropropene

Concen: 48.368 ug/l

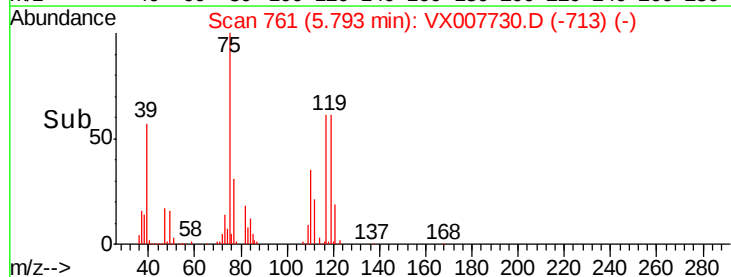
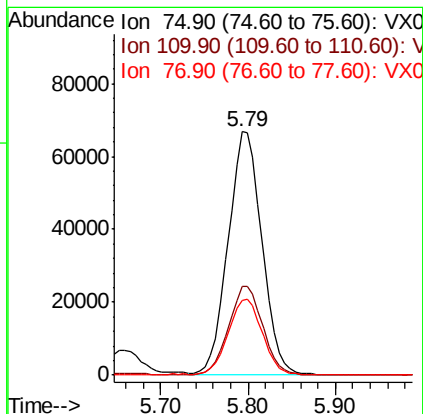
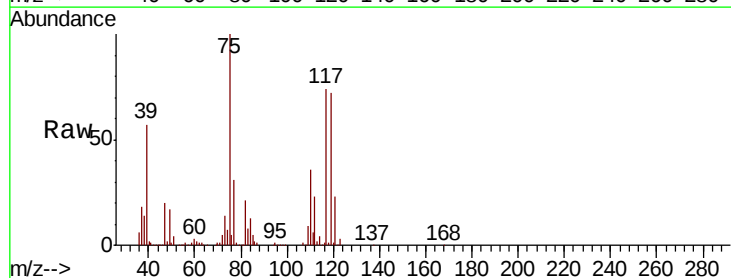
RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Tgt Ion:	75	Resp:	179062
Ion	Ratio	Lower	Upper
75	100		
110	36.9	20.0	59.9
77	31.4	24.7	37.1

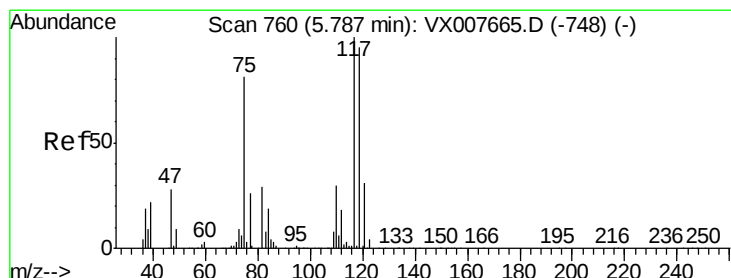
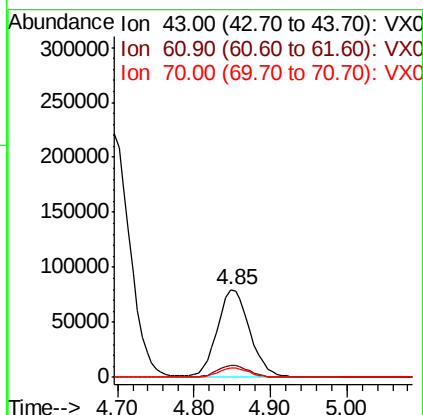
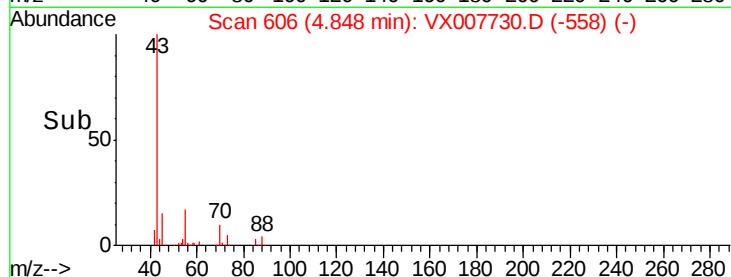
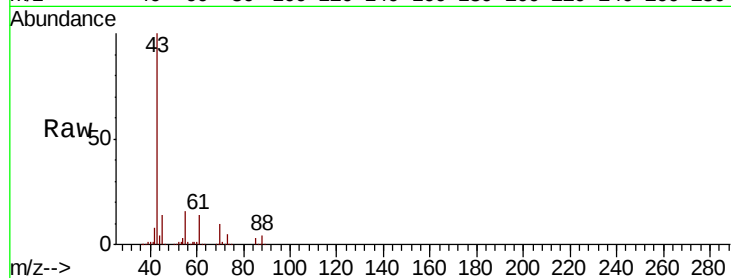




#37
Ethyl Acetate
Concen: 56.581 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

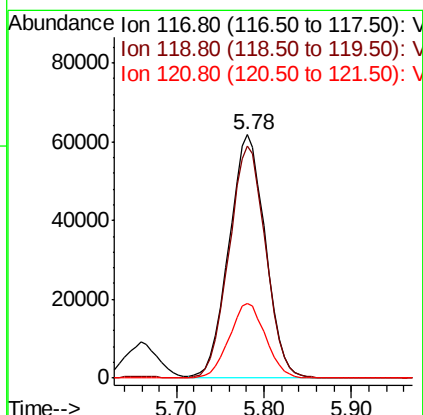
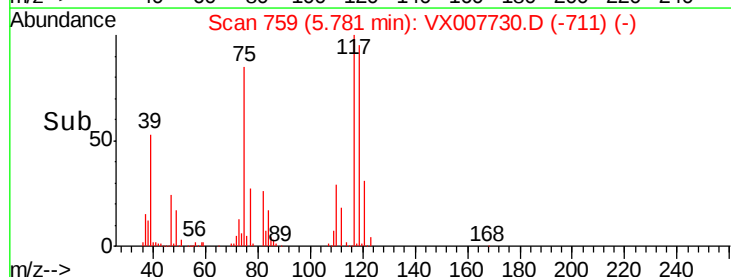
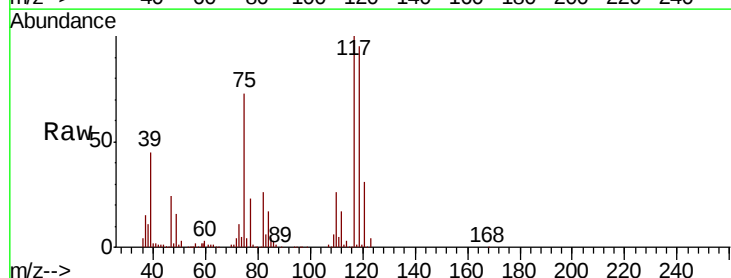
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 232683
Ion Ratio Lower Upper
43 100
61 13.7 11.3 16.9
70 10.3 8.6 13.0



#38
Carbon Tetrachloride
Concen: 47.954 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

Tgt Ion: 117 Resp: 178330
Ion Ratio Lower Upper
117 100
119 95.1 75.3 112.9
121 30.5 25.0 37.4

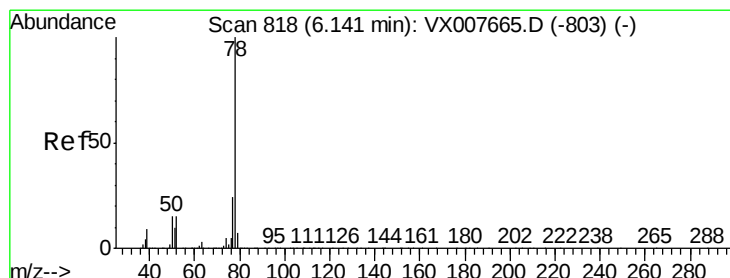
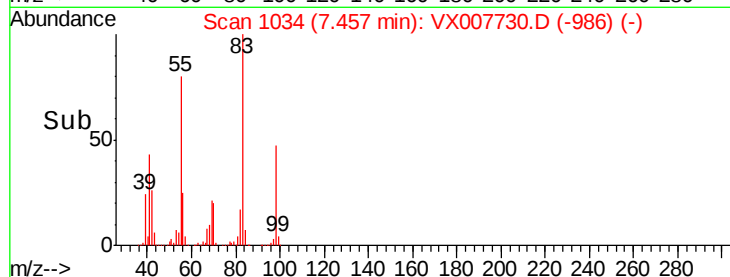
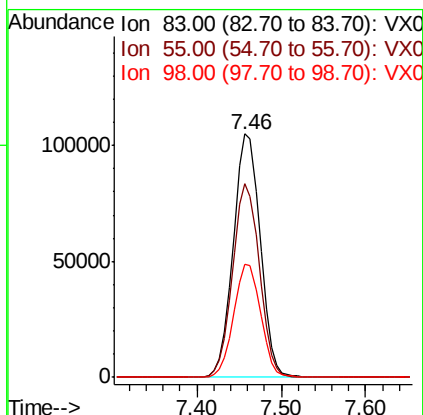
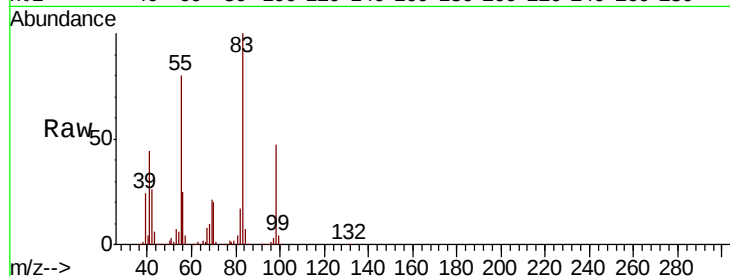




#39
Methvlcvclohexane
Concen: 48.486 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

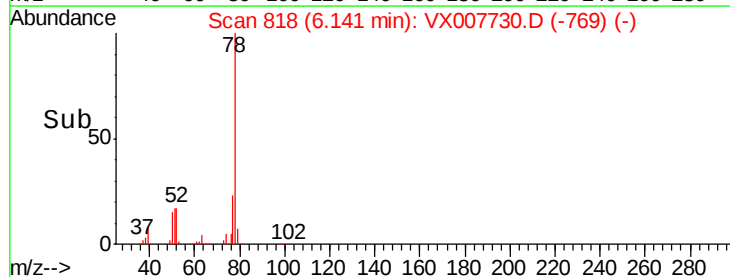
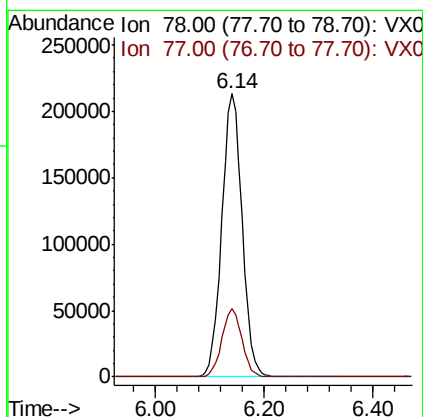
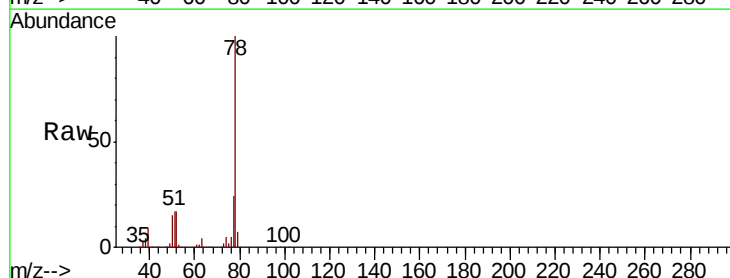
Instrument :
MSVOA_X
ClientSampled :

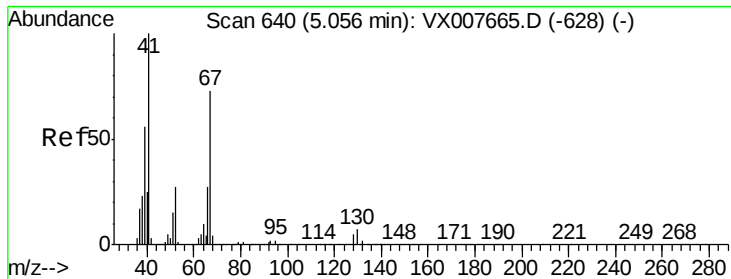
Tot Ion	Ratio	Lower	Upper
83	100		
55	79.6	56.2	84.2
98	46.6	36.8	55.2



#40
Benzene
Concen: 48.298 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.3	28.9





#41

Methacrylonitrile

Concen: 58.939 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 129425

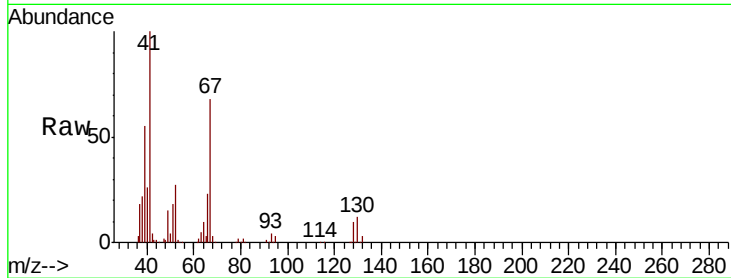
Ion Ratio Lower Upper

41 100

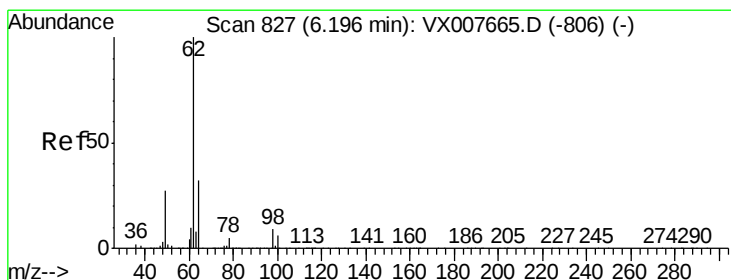
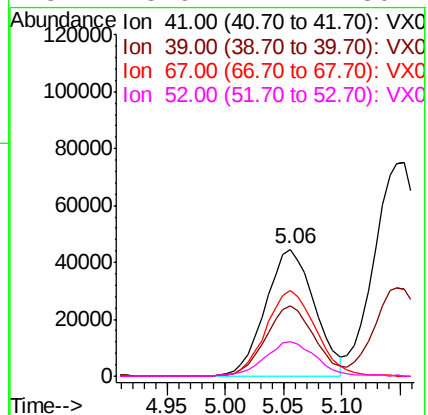
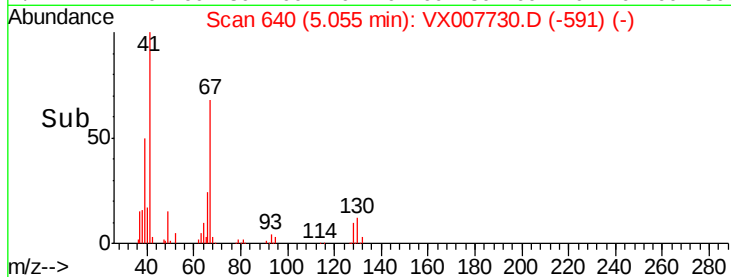
39 55.4 44.5 66.7

67 69.0 60.4 90.6

52 28.6 24.1 36.1



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



#42

1,2-Dichloroethane

Concen: 53.188 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX007730.D

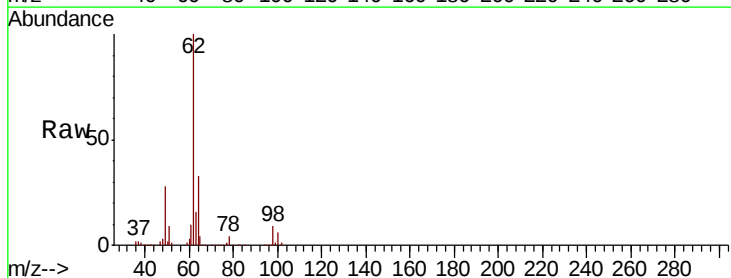
Acq: 27 Feb 2019 13:16

Tgt Ion: 62 Resp: 204297

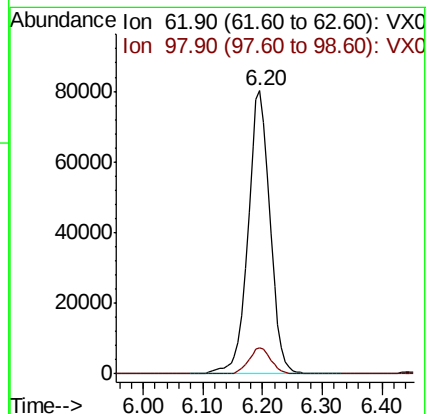
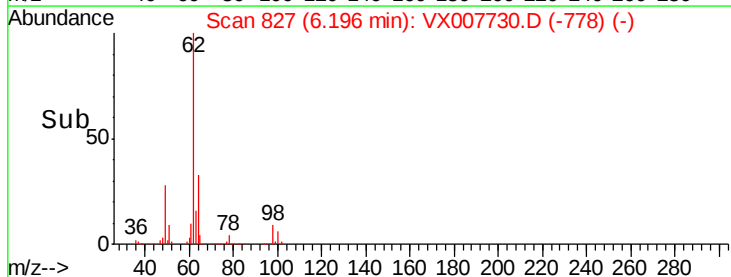
Ion Ratio Lower Upper

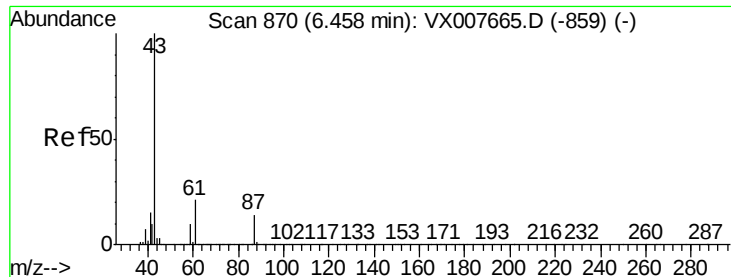
62 100

98 9.4 0.0 19.0



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



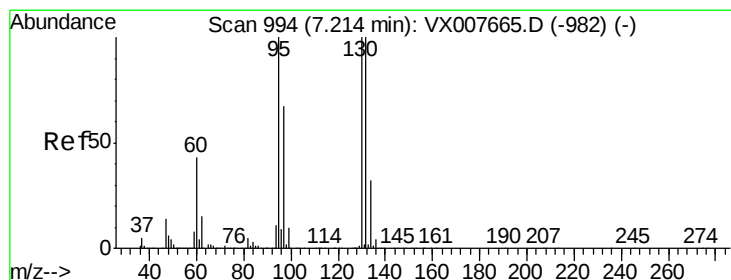
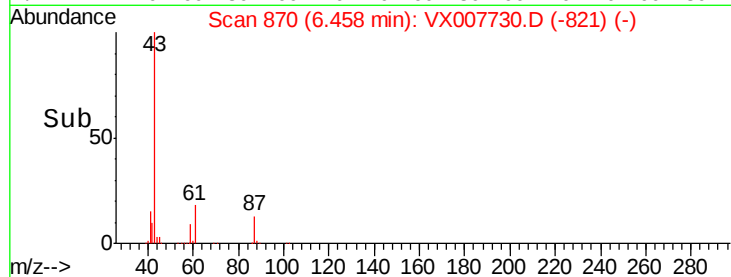
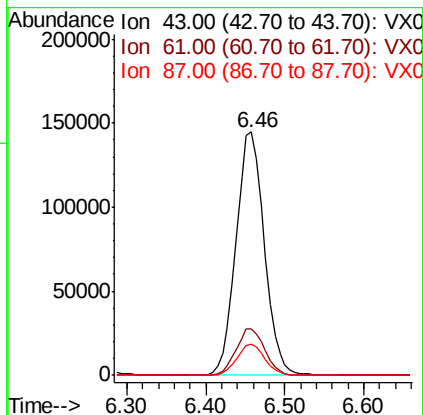
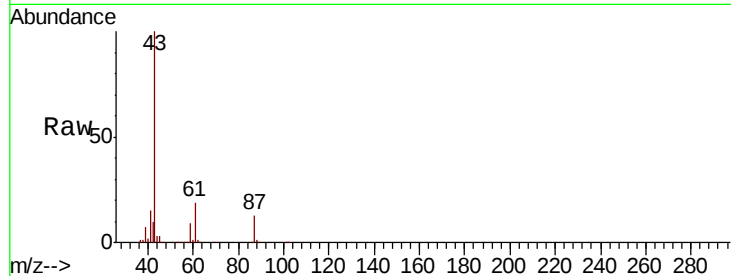


#43

Isopropyl Acetate
 Concen: 56.946 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX007730.D
 Acq: 27 Feb 2019 13:16

Instrument :
 MSVOA_X
 ClientSampleId :

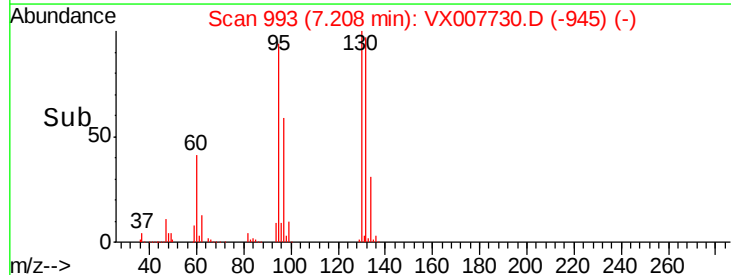
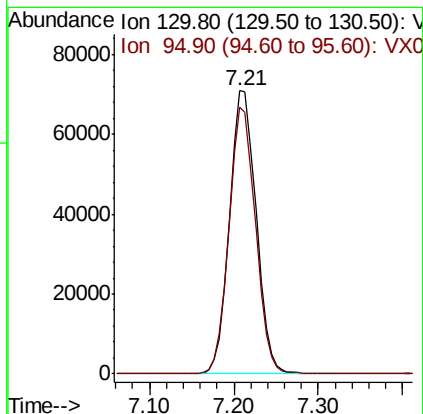
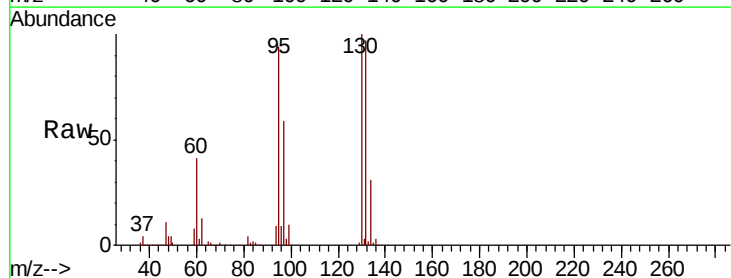
Tot Ion	43	Resp	360422
Ion Ratio	Lower	Upper	
43	100		
61	19.4	16.1	24.1
87	12.9	11.5	17.3

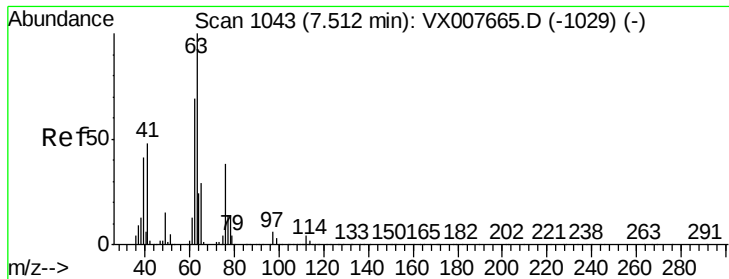


#44

Trichloroethene
 Concen: 48.478 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX007730.D
 Acq: 27 Feb 2019 13:16

Tgt Ion	130	Resp	152402
Ion Ratio	Lower	Upper	
130	100		
95	94.4	0.0	180.0





#45

1,2-Dichloropropane

Concen: 50.378 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

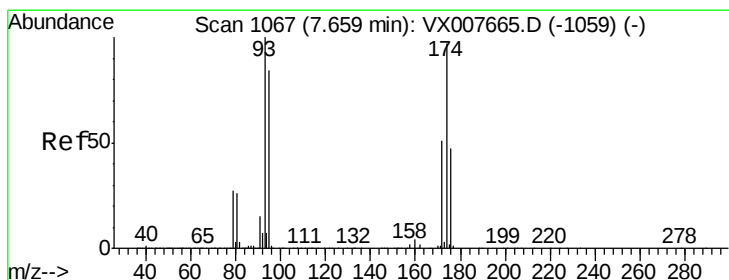
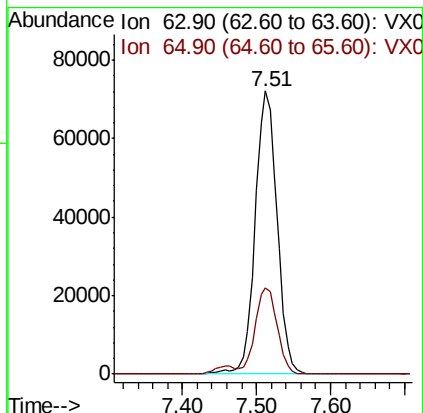
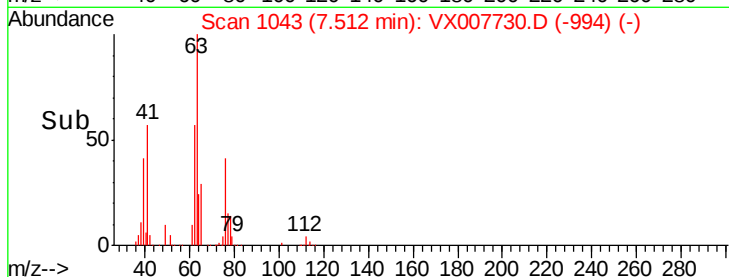
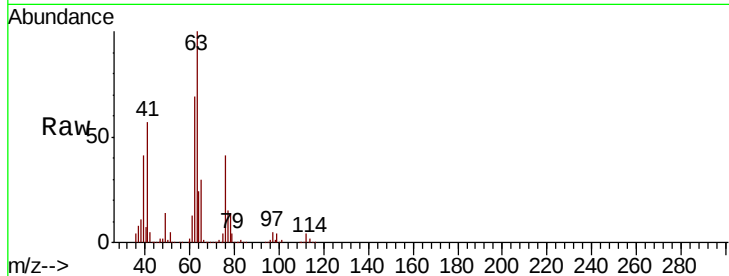
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 63 Resp: 149134

Ion Ratio Lower Upper

63 100

65 30.3 24.2 36.2



#46

Dibromomethane

Concen: 47.486 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

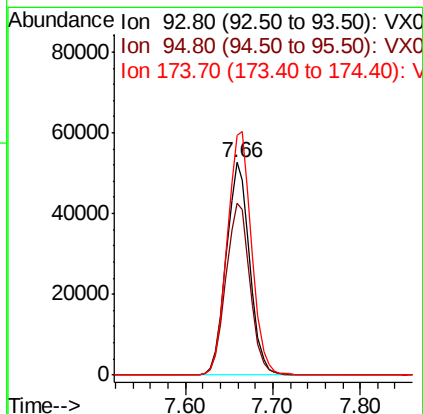
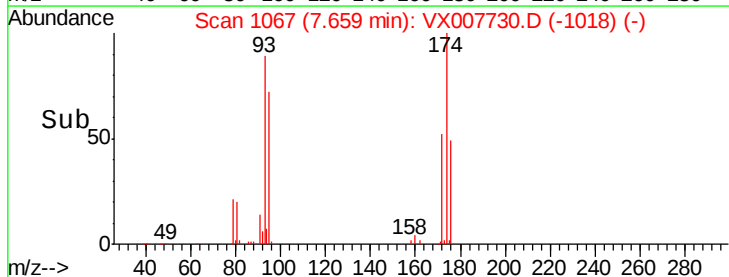
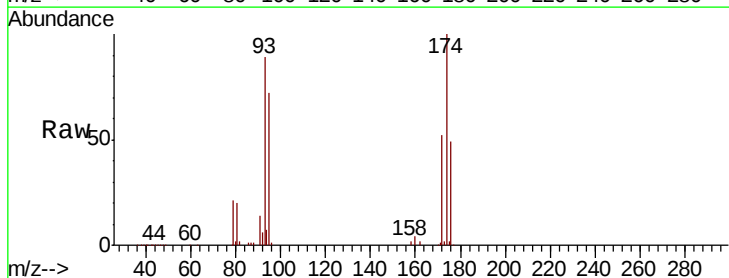
Tgt Ion: 93 Resp: 98070

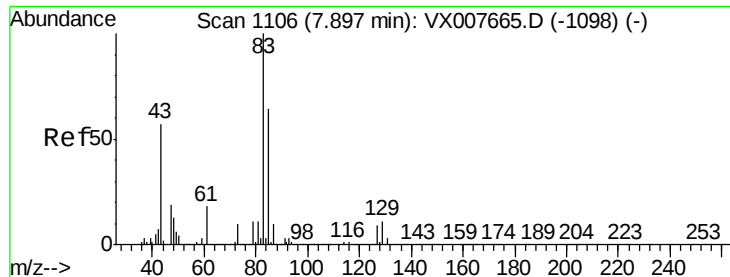
Ion Ratio Lower Upper

93 100

95 83.1 67.6 101.4

174 119.1 94.2 141.4





#47

Bromodichloromethane

Concen: 51.412 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :

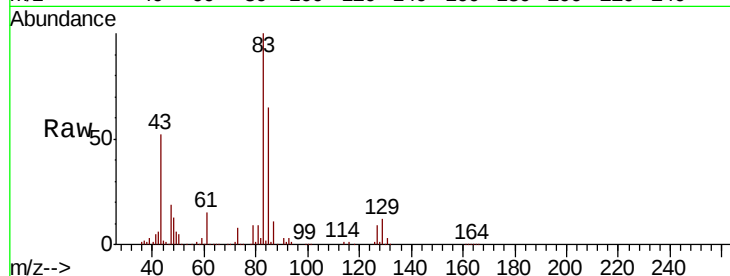
Tot Ion: 83 Resp: 184002

Ion Ratio Lower Upper

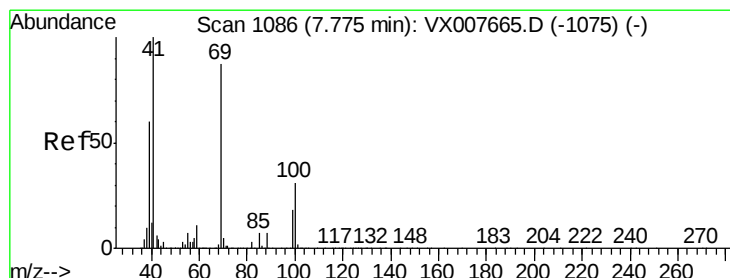
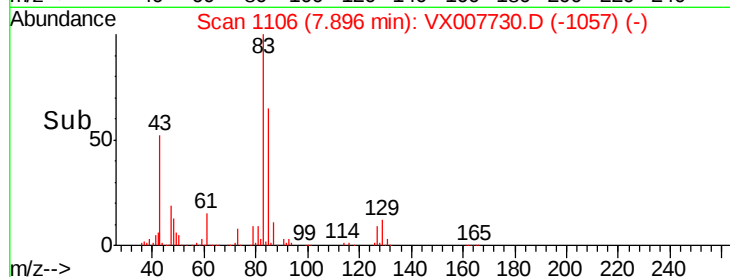
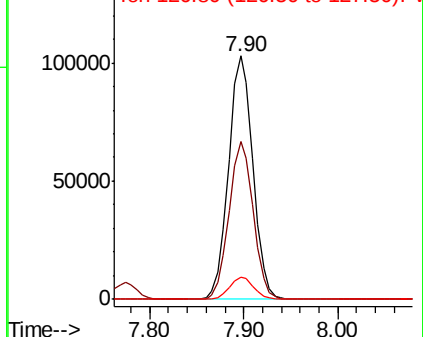
83 100

85 64.6 51.4 77.0

127 8.9 8.1 12.1



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 58.658 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

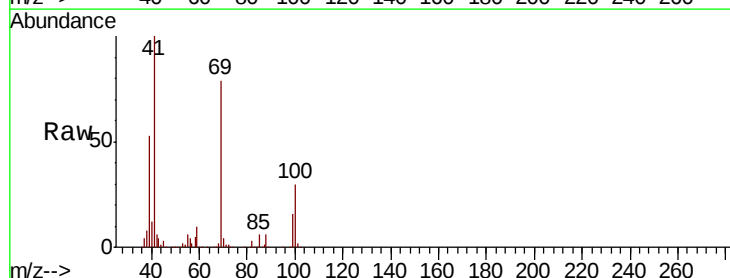
Tgt Ion: 41 Resp: 194607

Ion Ratio Lower Upper

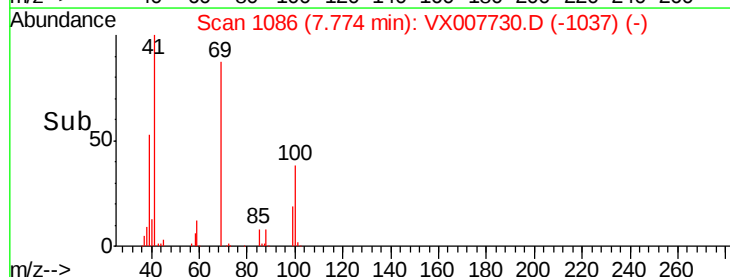
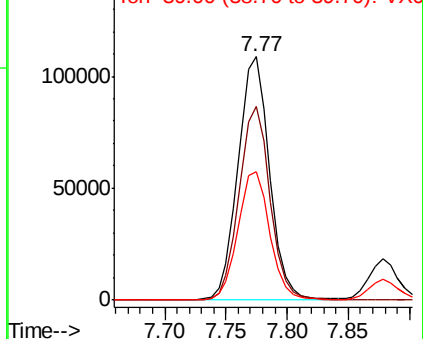
41 100

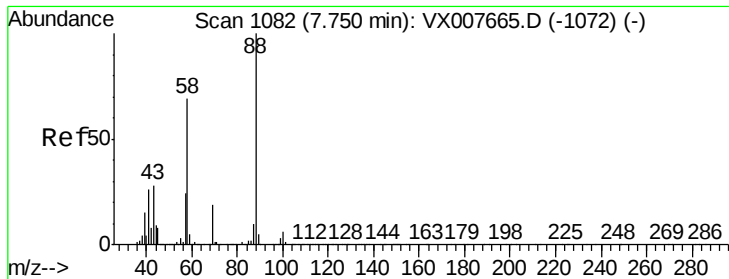
69 78.6 70.2 105.4

39 53.3 47.4 71.0



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





#49

1,4-Dioxane

Concen: 1067.290 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

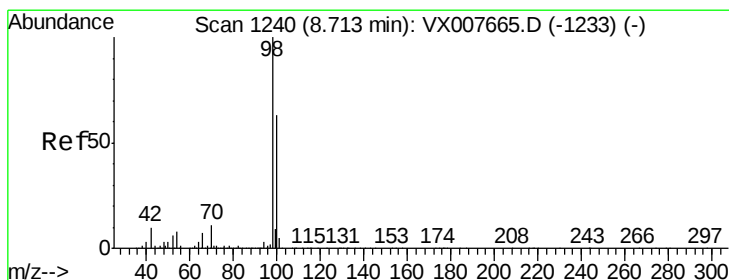
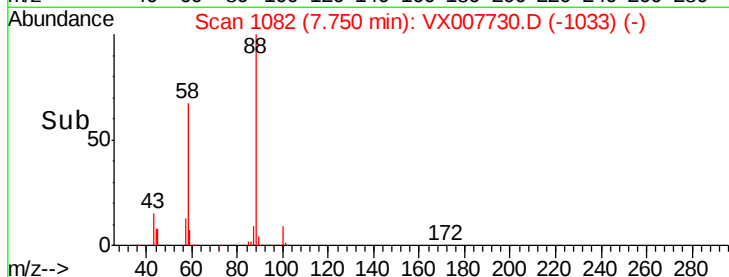
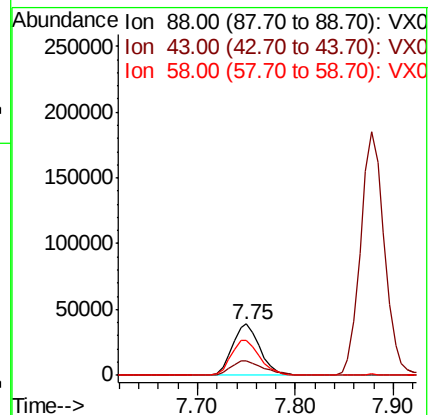
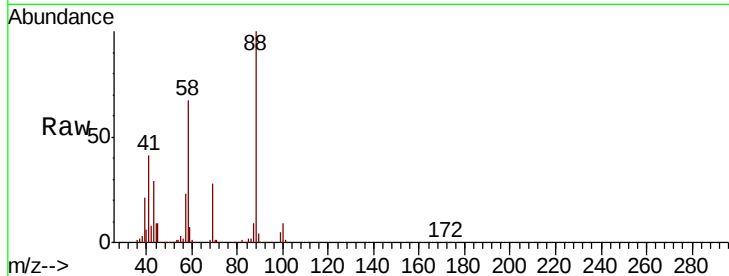
Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 76477

Ion	Ratio	Lower	Upper
88	100		
43	33.4	24.2	36.4
58	71.3	53.0	79.4



#50

Toluene-d8

Concen: 47.500 ug/l

RT: 8.71 min Scan# 1240

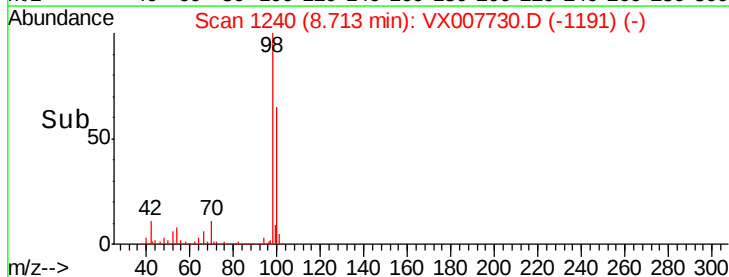
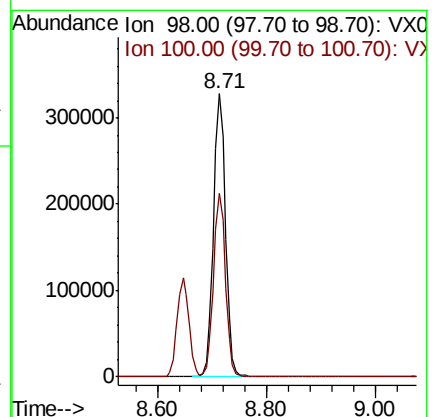
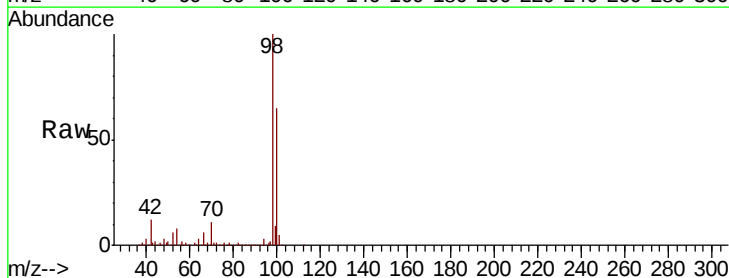
Delta R.T. -0.00 min

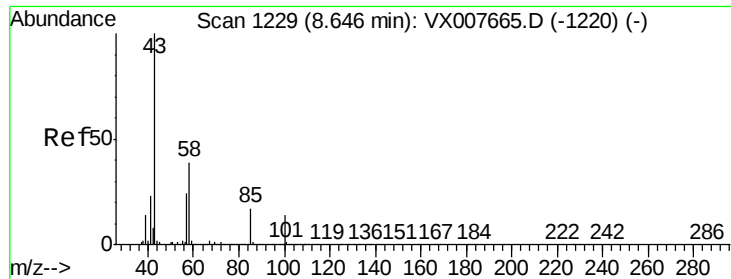
Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Tgt Ion: 98 Resp: 500553

Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.6	77.4

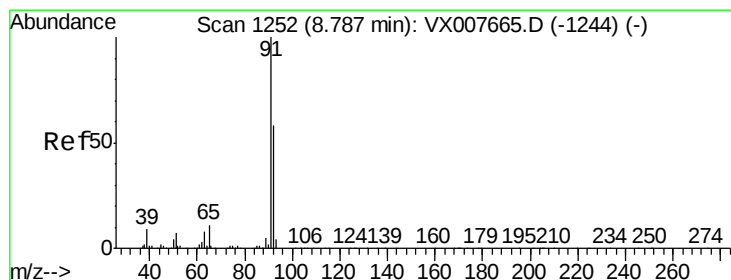
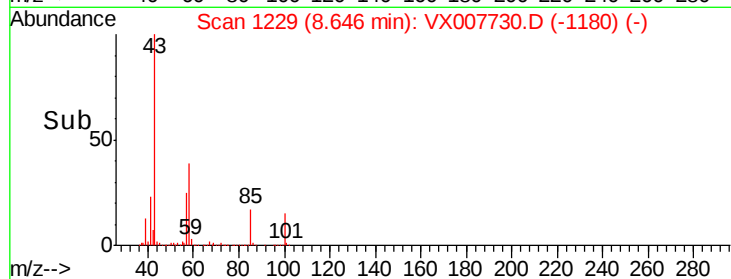
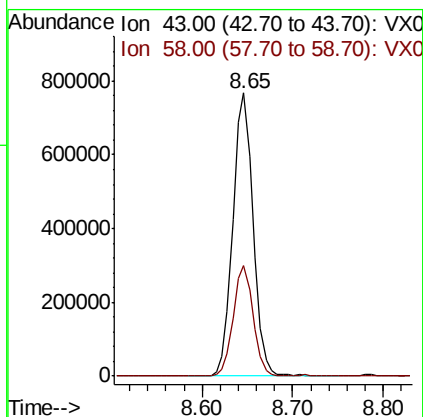
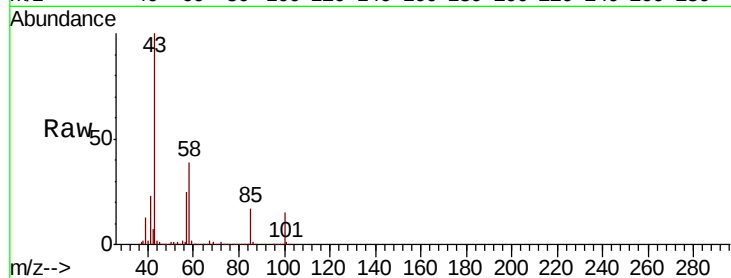




#51
4-Methyl-2-Pentanone
Concen: 280.628 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

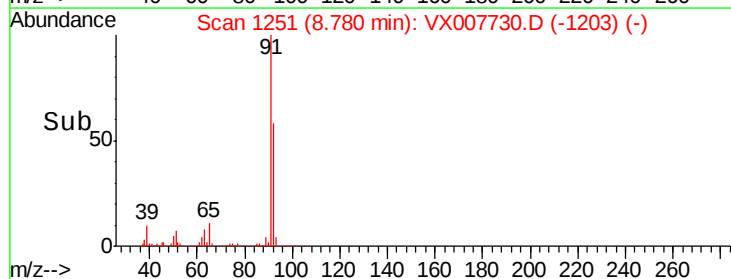
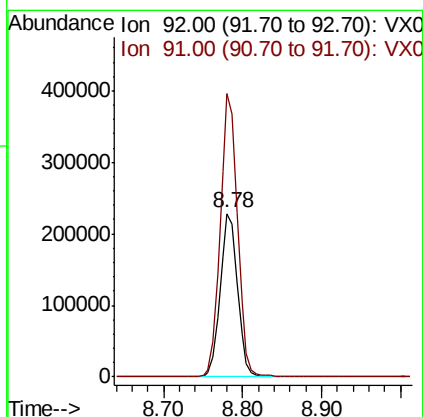
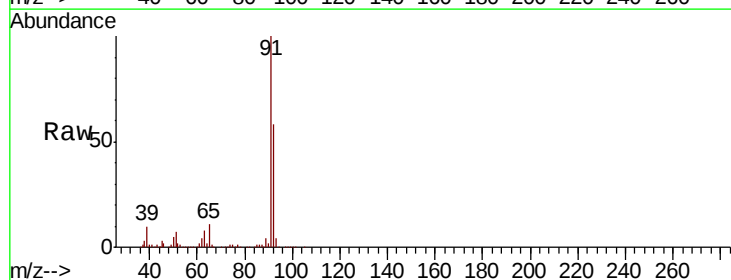
Instrument :
MSVOA_X
ClientSampled :

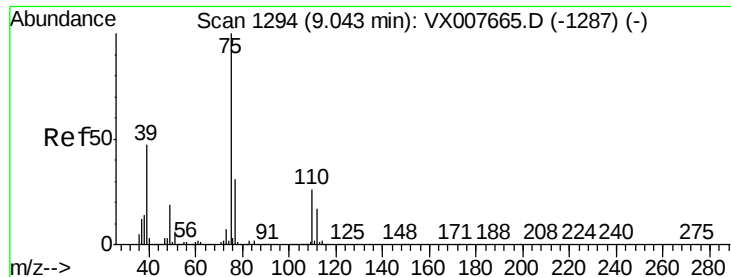
Tot Ion: 43 Resp: 1188908
Ion Ratio Lower Upper
43 100
58 38.2 31.2 46.8



#52
Toluene
Concen: 48.445 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

Tgt Ion: 92 Resp: 349109
Ion Ratio Lower Upper
92 100
91 173.4 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 47.029 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Instrument :

MSVOA_X

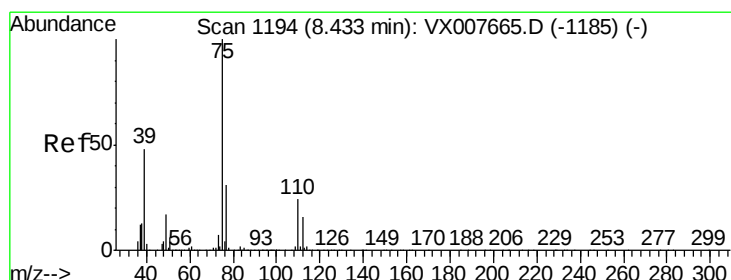
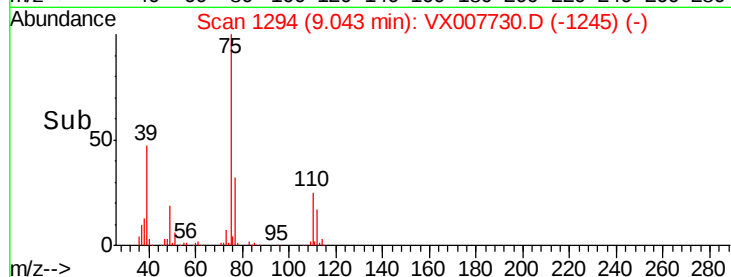
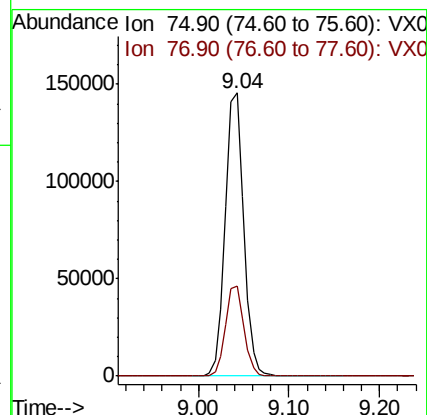
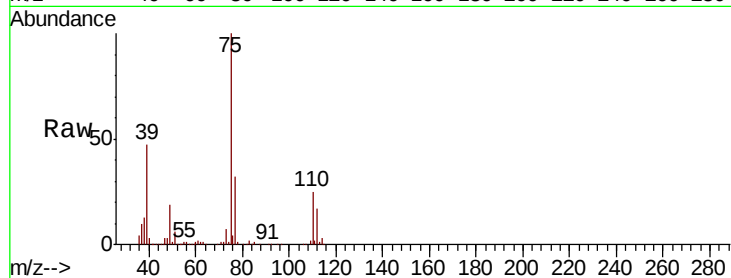
ClientSampleId :

Tot Ion: 75 Resp: 208467

Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 51.992 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

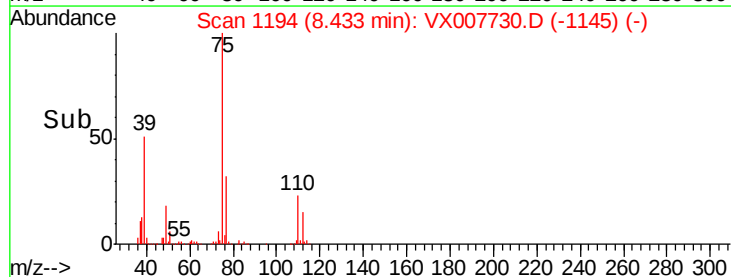
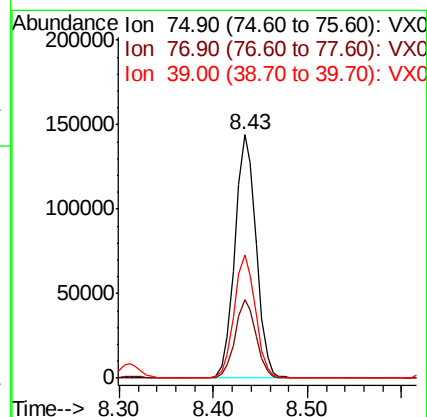
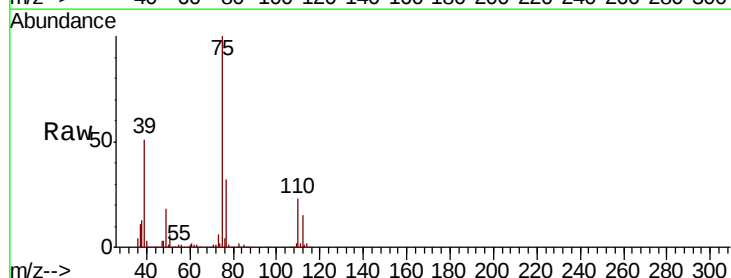
Tgt Ion: 75 Resp: 225809

Ion Ratio Lower Upper

75 100

77 32.4 26.2 39.4

39 50.6 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 49.204 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 147863

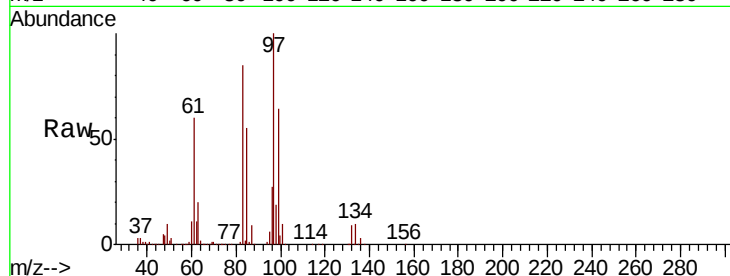
Ion Ratio Lower Upper

97 100

83 85.5 68.6 102.8

85 55.3 44.5 66.7

99 63.8 52.2 78.4

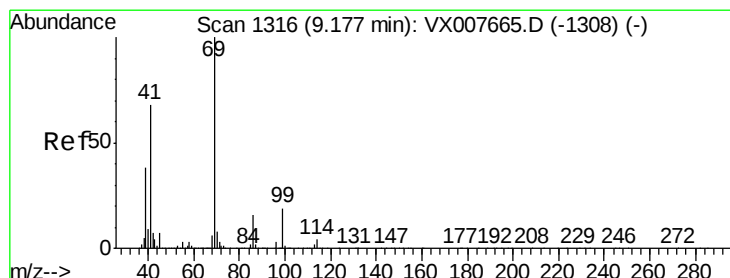
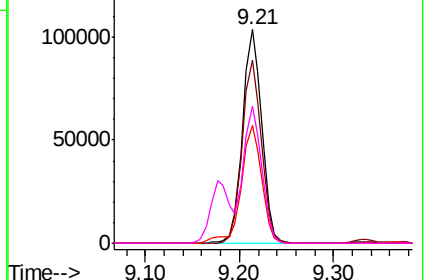
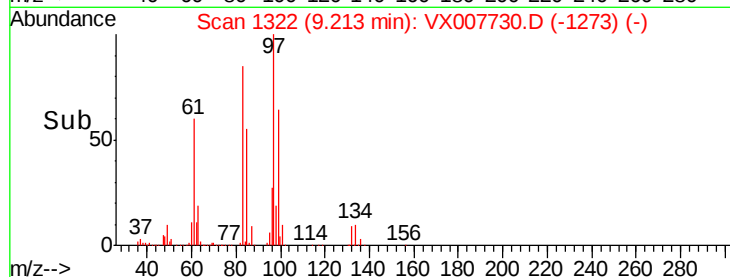


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 53.941 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

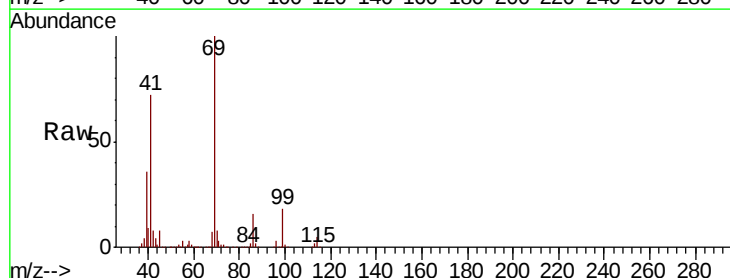
Tgt Ion: 69 Resp: 230511

Ion Ratio Lower Upper

69 100

41 70.6 52.1 78.1

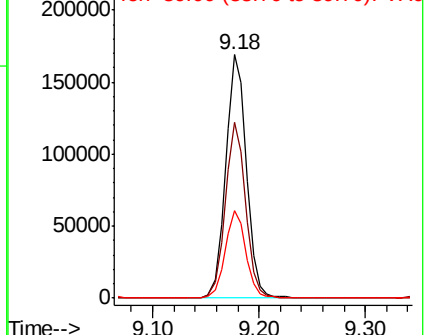
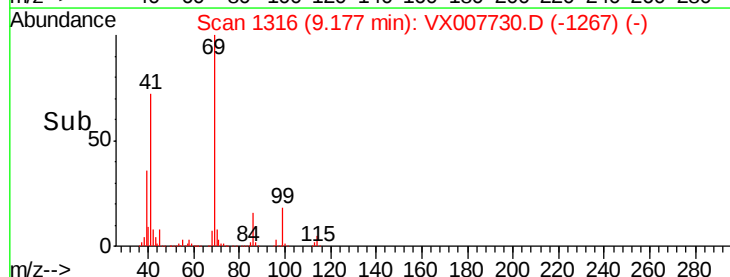
39 35.6 30.1 45.1



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: 51.998 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Instrument :

MSVOA_X

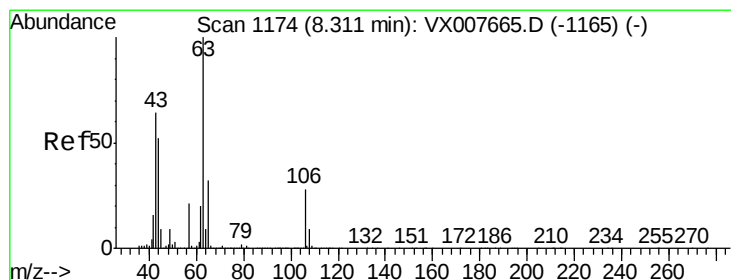
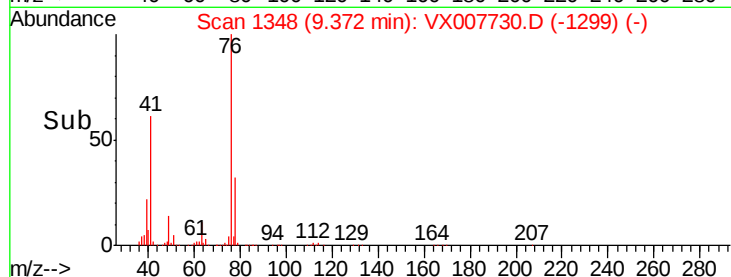
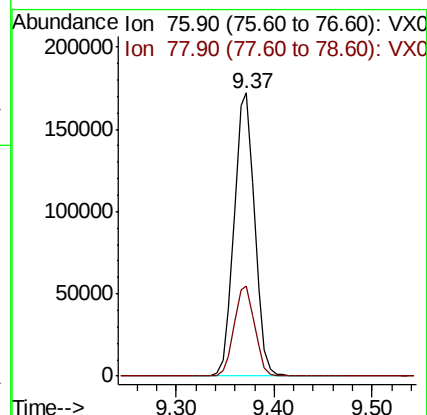
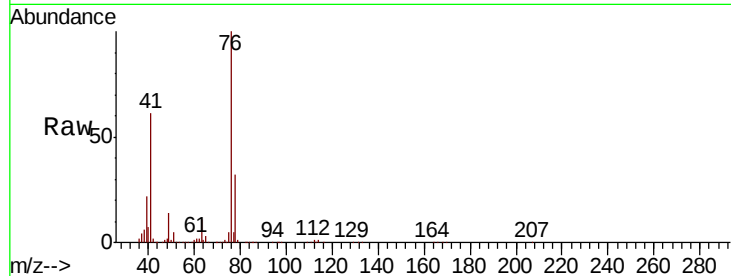
ClientSampleId :

Tot Ion: 76 Resp: 250132

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 273.037 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007730.D

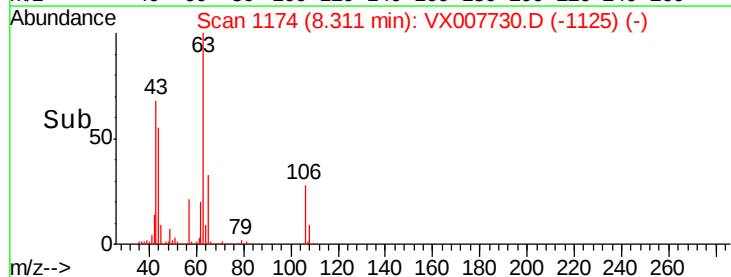
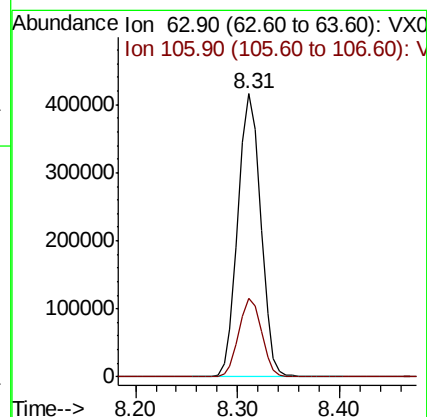
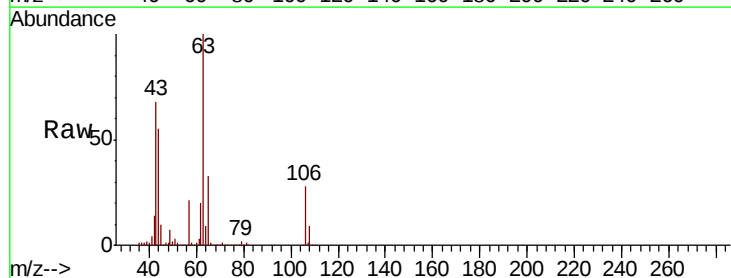
Acq: 27 Feb 2019 13:16

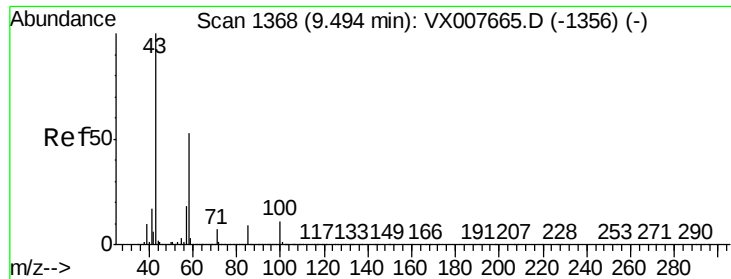
Tgt Ion: 63 Resp: 643432

Ion Ratio Lower Upper

63 100

106 27.9 23.6 35.4

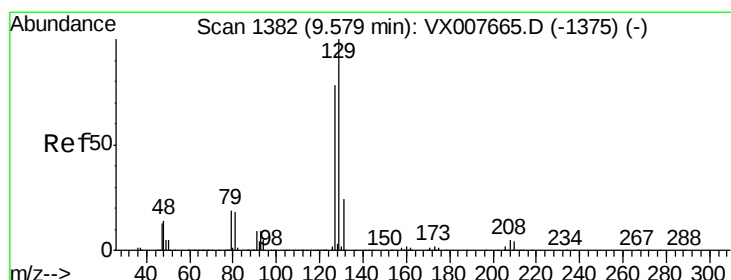
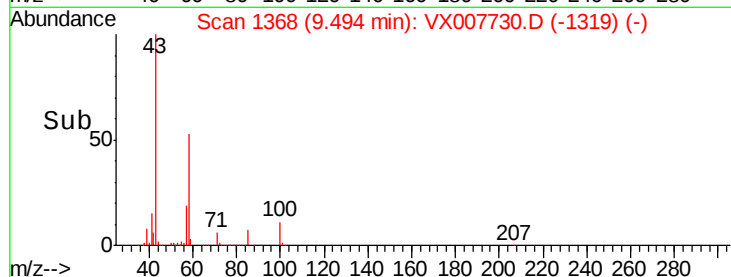
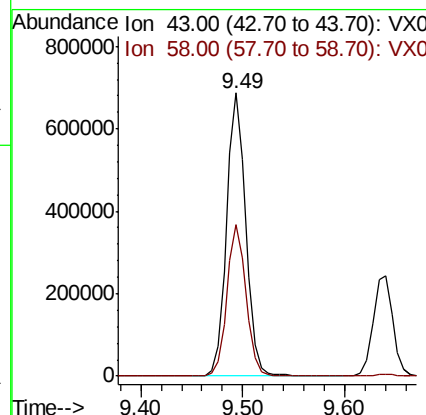
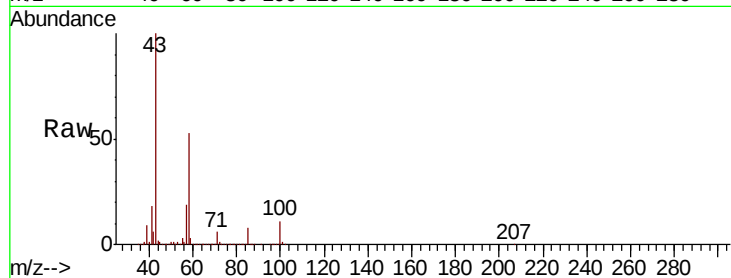




#59
2-Hexanone
Concen: 270.483 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

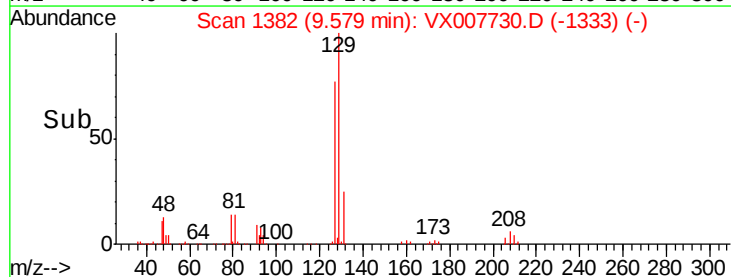
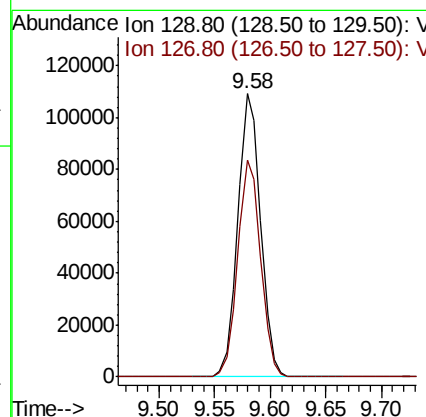
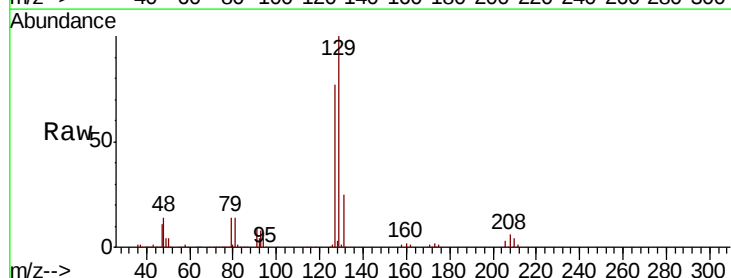
Instrument :
MSVOA_X
ClientSampleId :

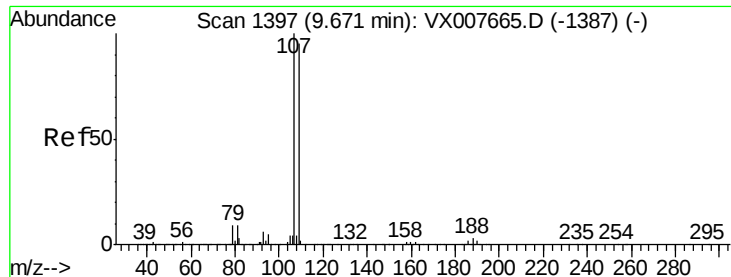
Tot Ion: 43 Resp: 899657
Ion Ratio Lower Upper
43 100
58 53.3 27.1 81.3



#60
Dibromochloromethane
Concen: 53.253 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

Tgt Ion: 129 Resp: 153984
Ion Ratio Lower Upper
129 100
127 77.4 37.8 113.4





#61

1,2-Dibromoethane

Concen: 50.587 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Instrument :

MSVOA_X

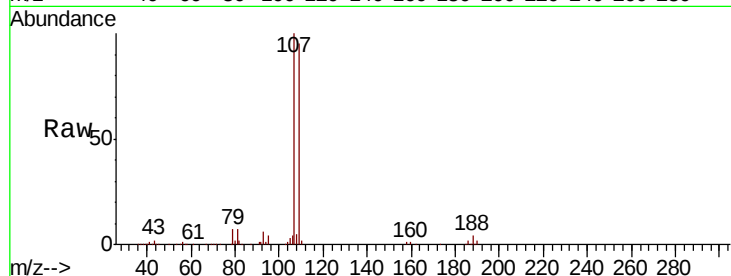
ClientSampled :

Tot Ion:107 Resp: 157834

Ion Ratio Lower Upper

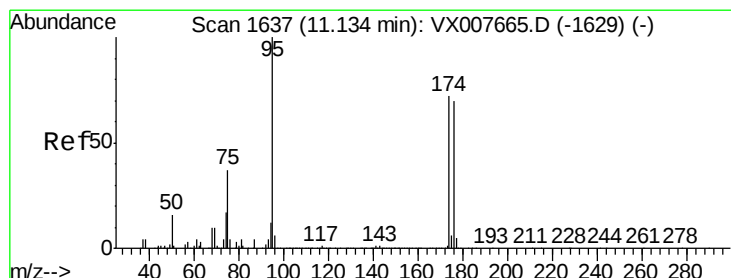
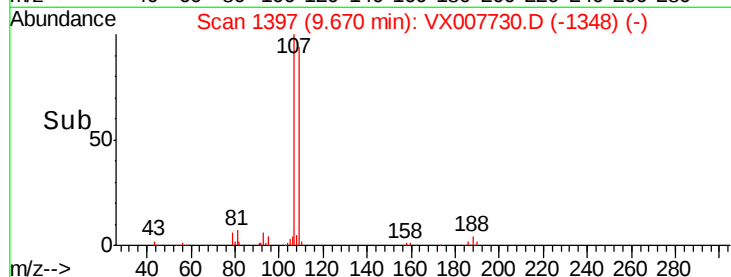
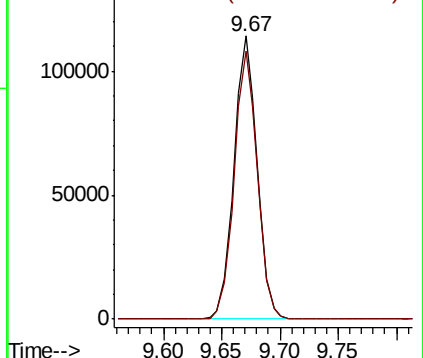
107 100

109 94.9 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.591 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

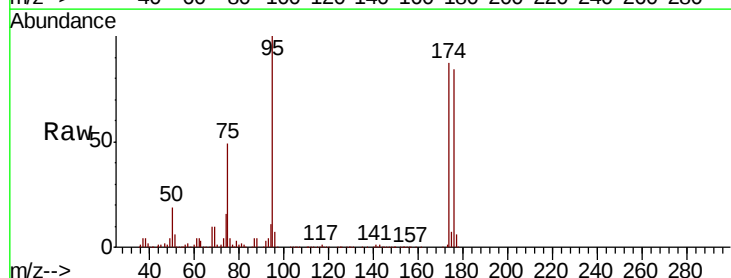
Tgt Ion: 95 Resp: 184074

Ion Ratio Lower Upper

95 100

174 92.6 0.0 189.2

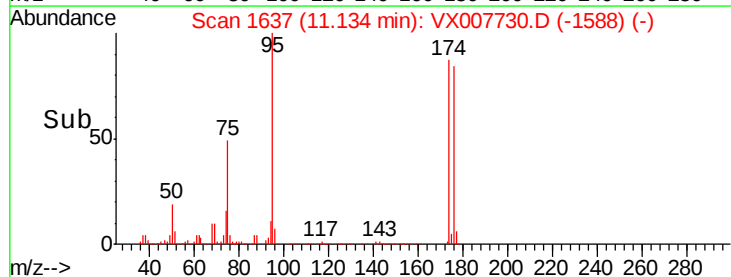
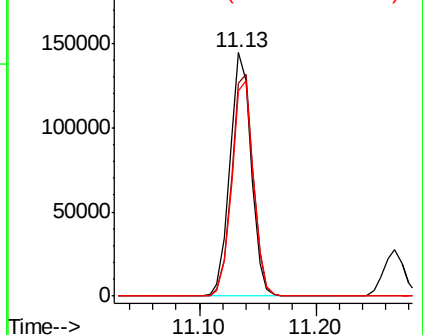
176 89.7 0.0 186.2

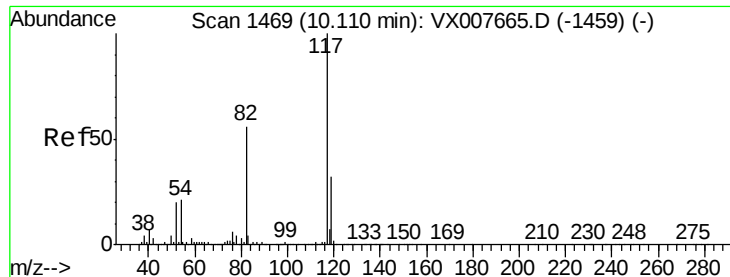


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

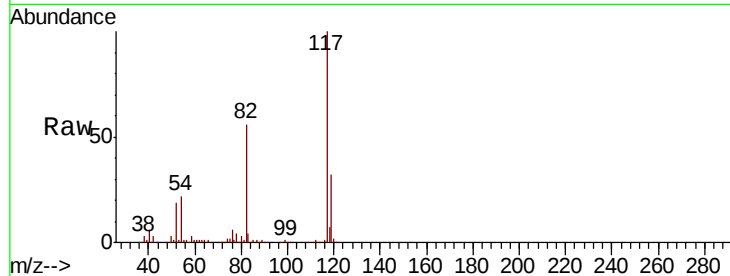




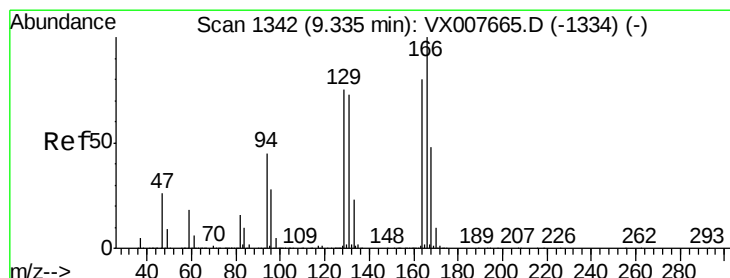
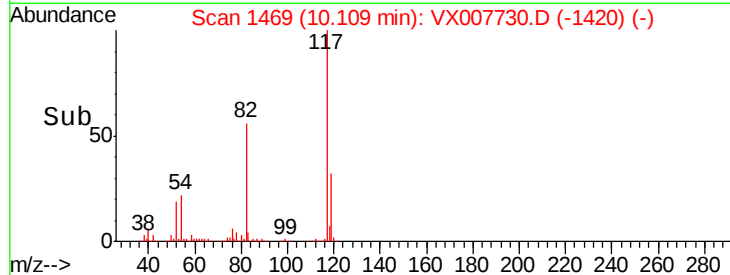
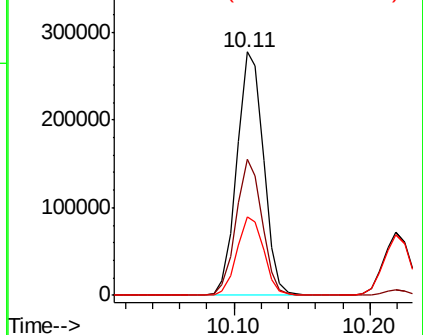
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	42.1	63.1
119	32.1	26.5	39.7



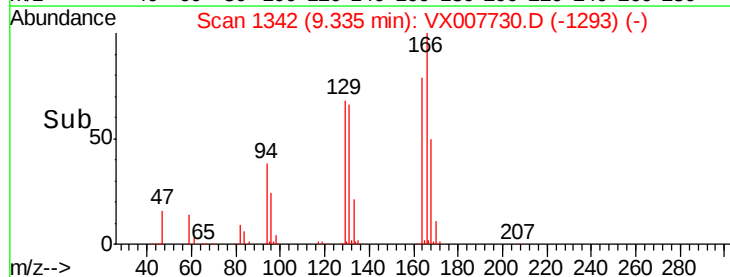
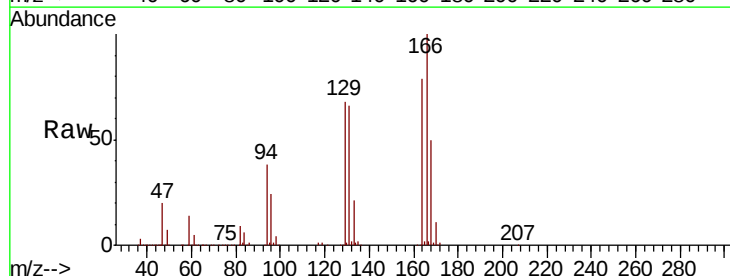
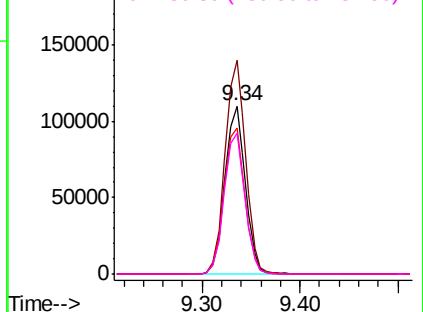
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 51.748 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.9	101.0	151.4
129	86.8	70.5	105.7
131	83.8	69.8	104.6

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





#65

Chlorobenzene

Concen: 47.749 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Instrument :

MSVOA_X

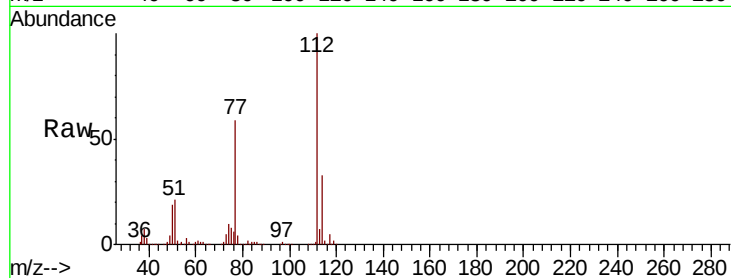
ClientSampleId :

Tot Ion:112 Resp: 392310

Ion Ratio Lower Upper

112 100

114 32.8 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.13

300000

250000

200000

150000

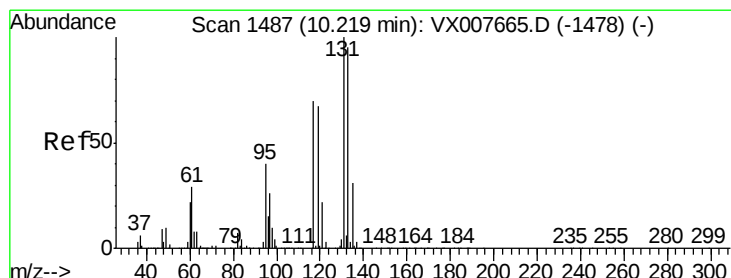
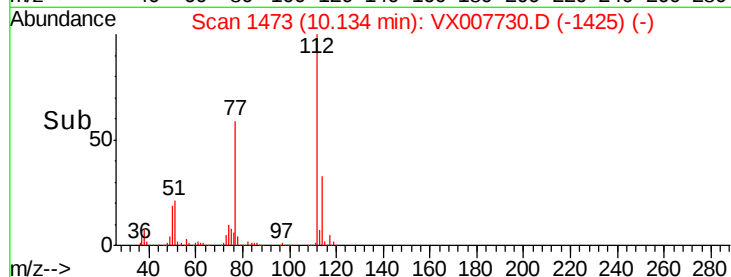
100000

50000

0

Time-->

10.10 10.20 10.30



#66

1,1,1,2-Tetrachloroethane

Concen: 50.979 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

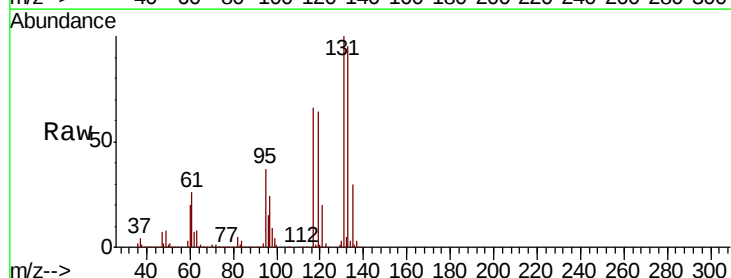
Tgt Ion:131 Resp: 146104

Ion Ratio Lower Upper

131 100

133 94.6 48.0 144.2

119 64.1 32.0 96.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

150000

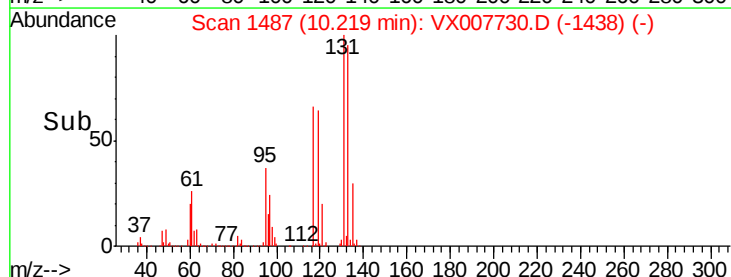
100000

50000

0

Time-->

10.20 10.30

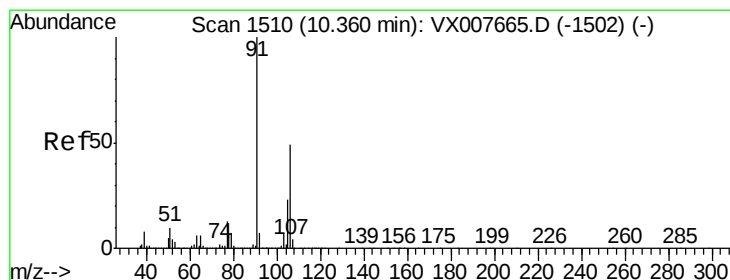
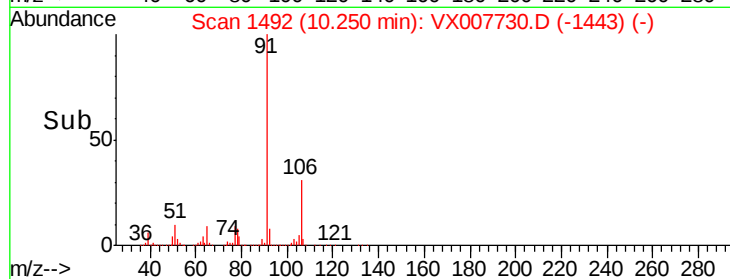
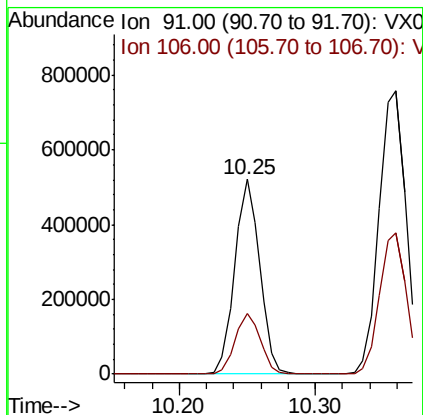
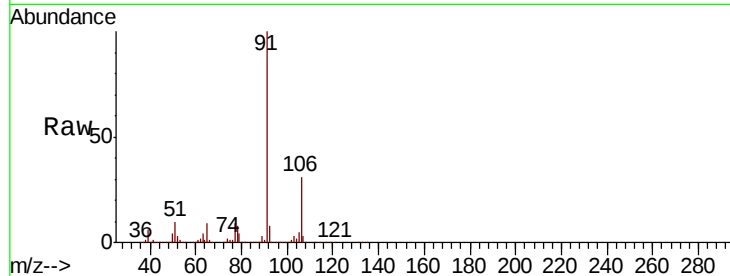




#67
Ethyl Benzene
Concen: 48.897 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

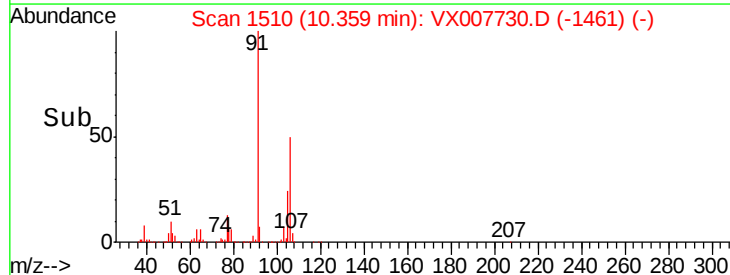
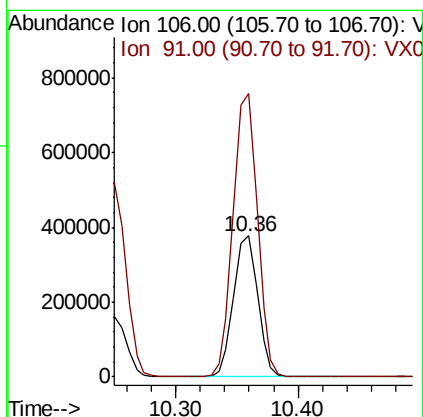
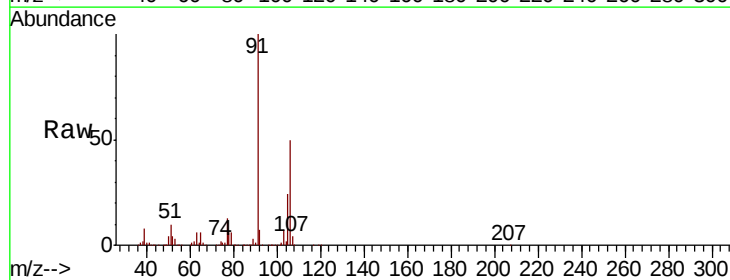
Instrument :
MSVOA_X
ClientSampleId :

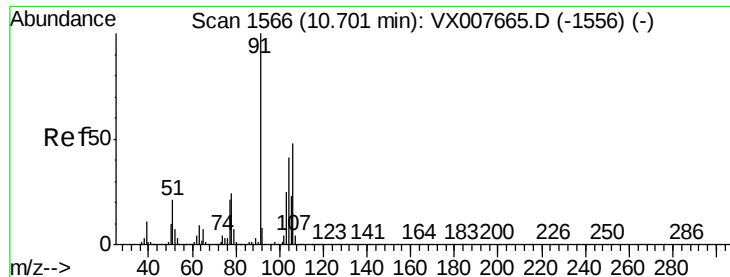
Tot Ion: 91 Resp: 665499
Ion Ratio Lower Upper
91 100
106 31.3 25.4 38.0



#68
m/p-Xylenes
Concen: 97.824 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

Tgt Ion: 106 Resp: 517960
Ion Ratio Lower Upper
106 100
91 202.0 156.6 234.8

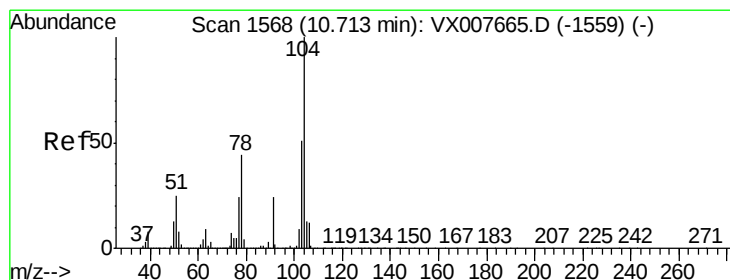
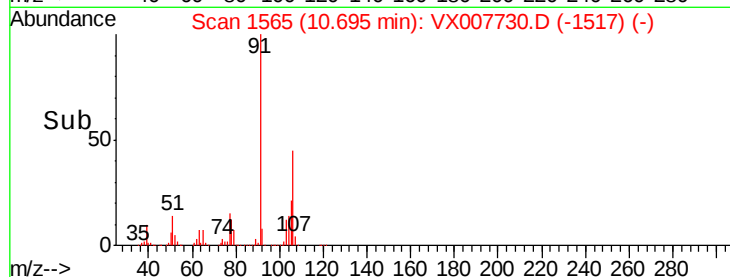
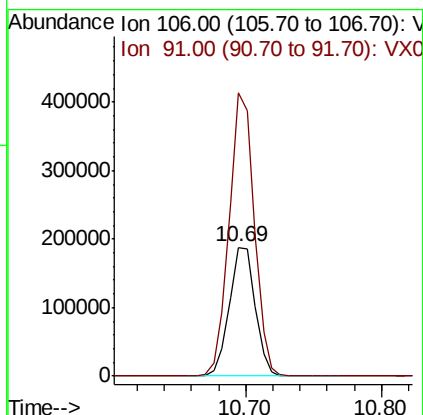
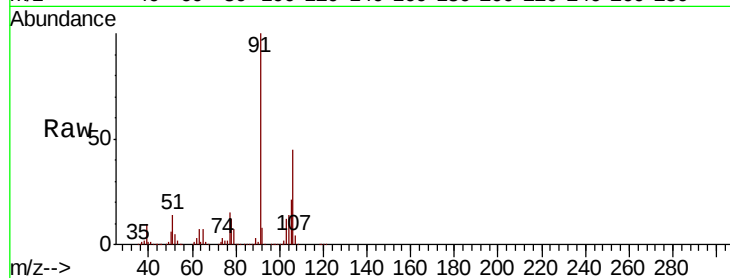




#69
o-Xylene
Concen: 49.100 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

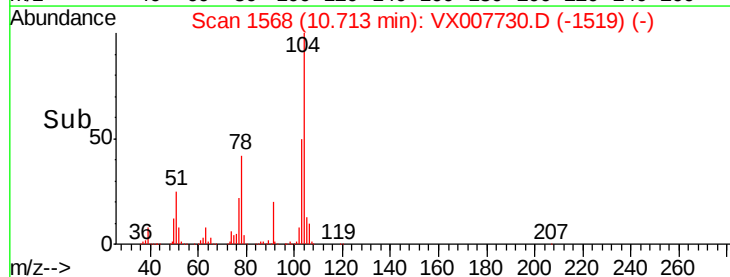
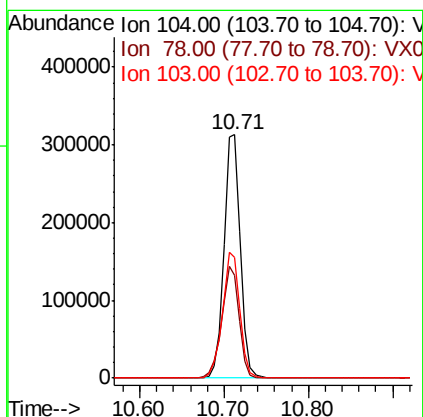
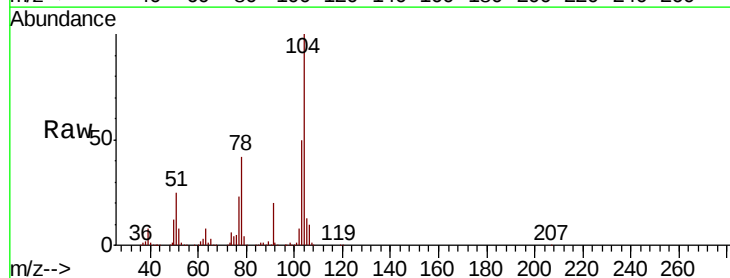
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 250064
Ion Ratio Lower Upper
106 100
91 213.2 102.9 308.7



#70
Styrene
Concen: 50.129 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

Tgt Ion:104 Resp: 419650
Ion Ratio Lower Upper
104 100
78 48.8 38.3 57.5
103 54.9 44.6 67.0

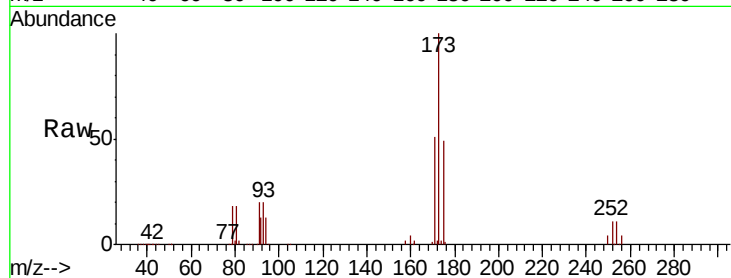




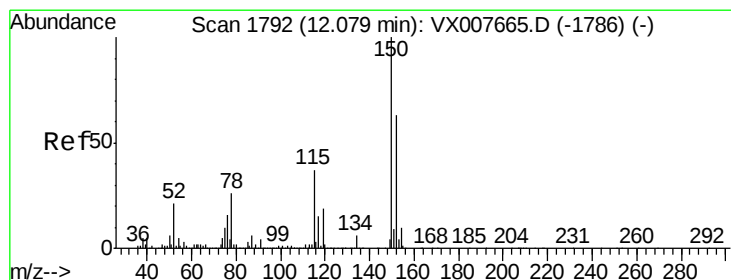
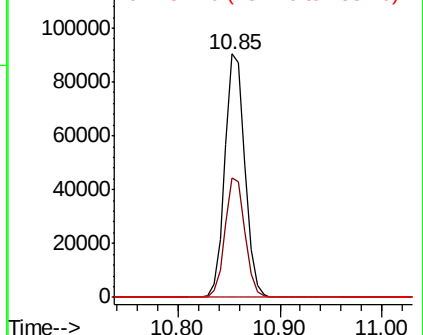
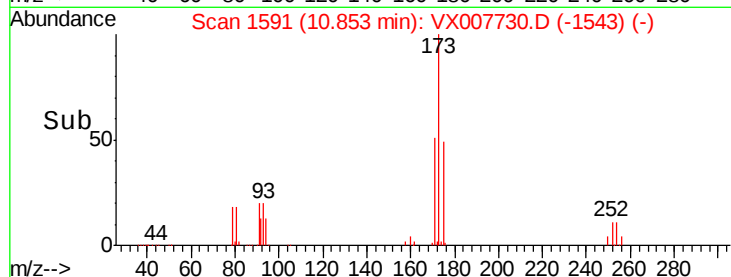
#71
Bromoform
Concen: 56.925 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.01 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.2	72.6
254	0.2	0.2	0.2

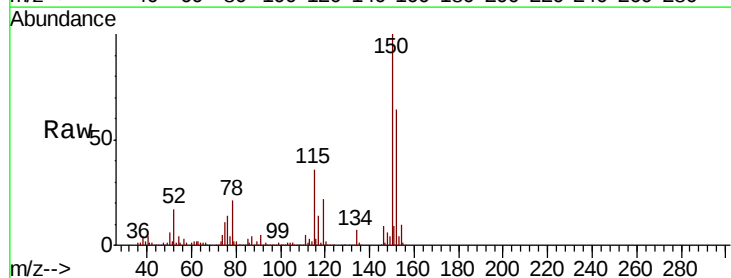


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

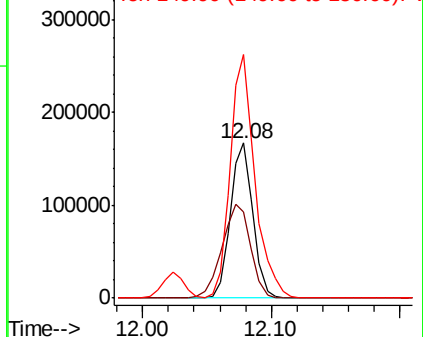
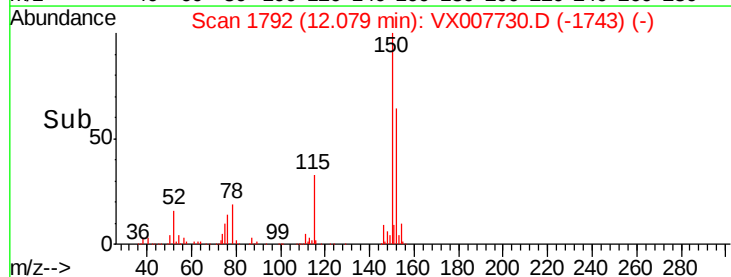


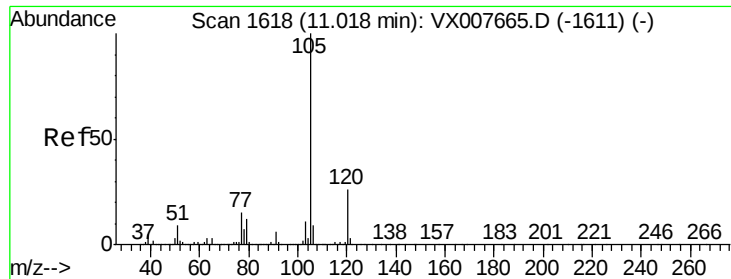
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.8	38.0	114.0
150	172.4	0.0	346.4



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

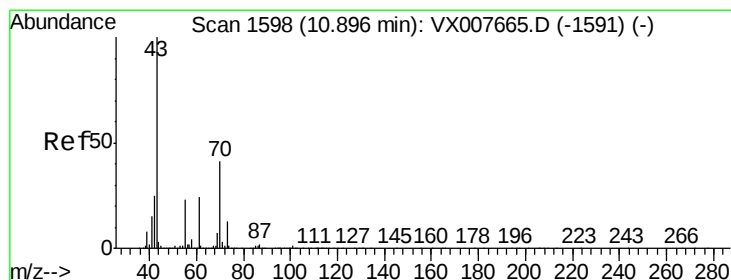
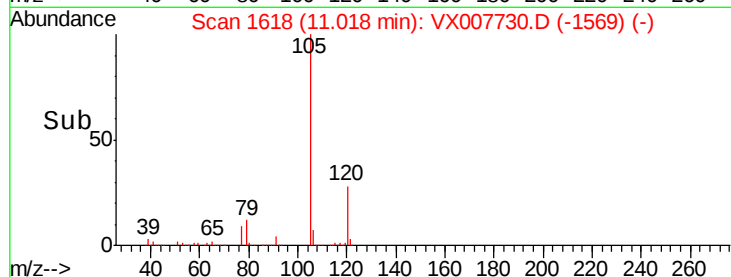
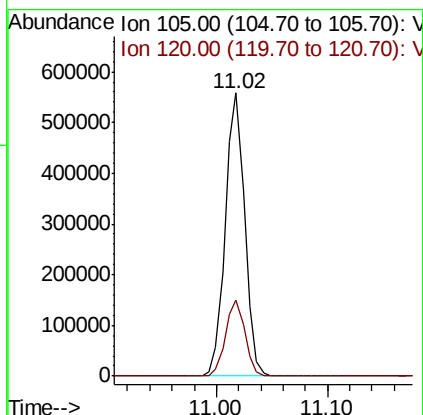
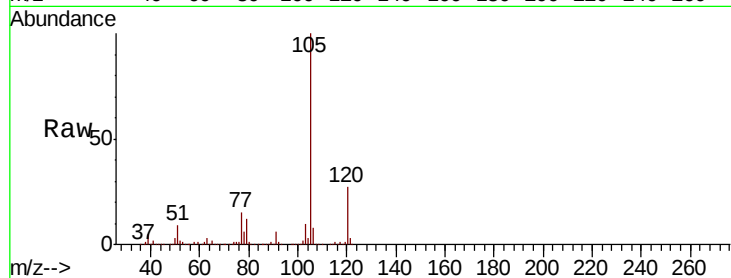




#73
Isopropylbenzene
Concen: 46.191 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

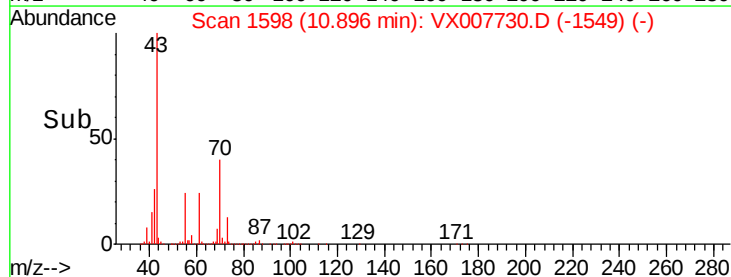
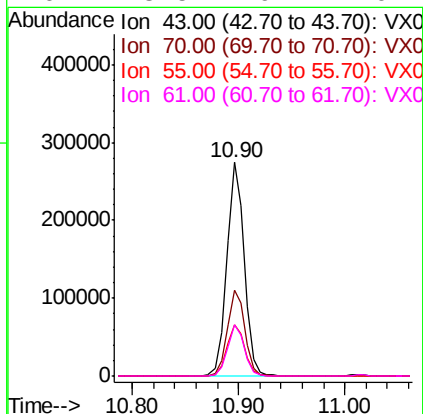
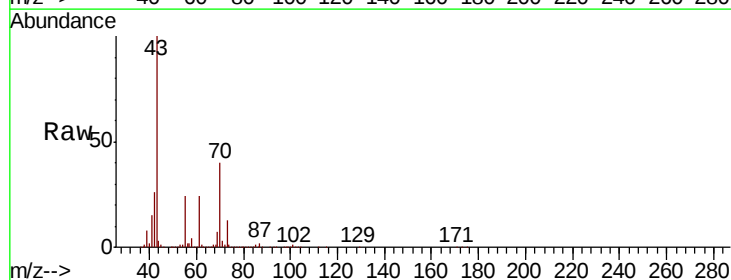
Instrument :
MSVOA_X
ClientSampleId :

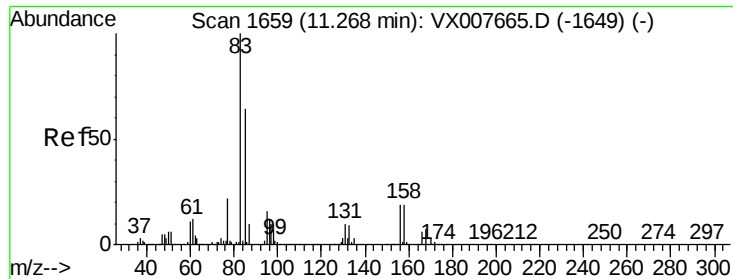
Tot Ion:105 Resp: 671874
Ion Ratio Lower Upper
105 100
120 27.0 13.6 40.7



#74
N-ethyl acetate
Concen: 49.716 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

Tgt Ion: 43 Resp: 314028
Ion Ratio Lower Upper
43 100
70 40.8 33.8 50.6
55 24.7 19.5 29.3
61 23.5 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 43.776 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

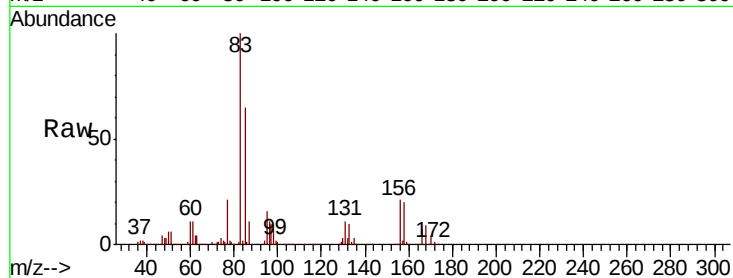
Tot Ion: 83 Resp: 220228

Ion Ratio Lower Upper

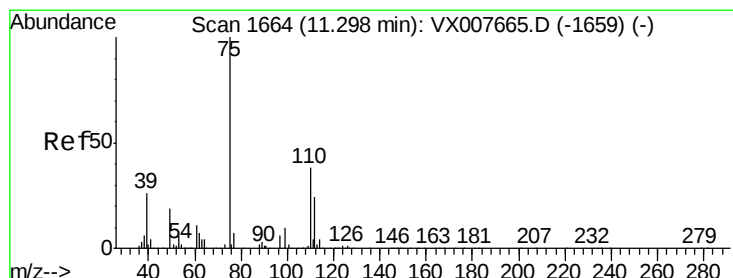
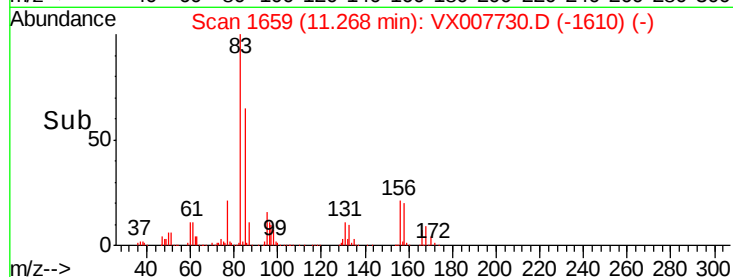
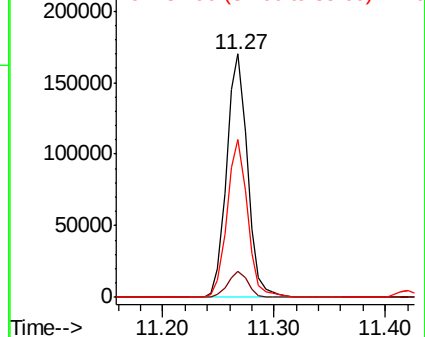
83 100

131 10.4 5.7 17.0

85 63.7 32.8 98.3



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



#76

1,2,3-Trichloropropane

Concen: 61.209 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007730.D

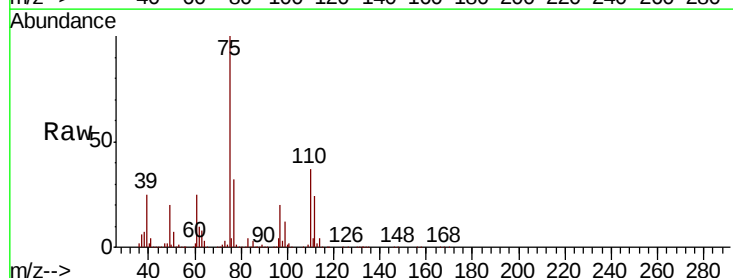
Acq: 27 Feb 2019 13:16

Tgt Ion: 75 Resp: 265524

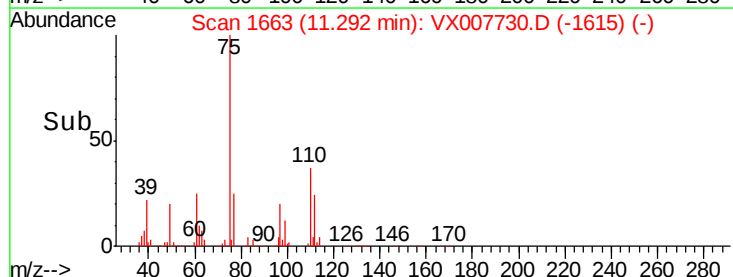
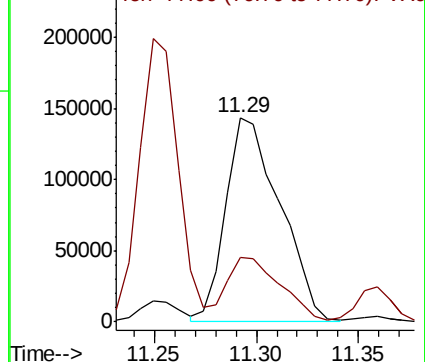
Ion Ratio Lower Upper

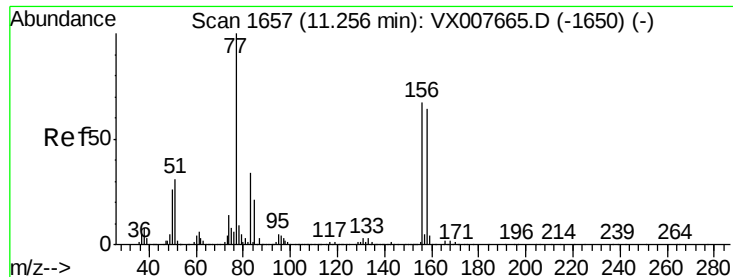
75 100

77 31.8 23.0 69.0



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





#77

Bromobenzene

Concen: 49.780 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

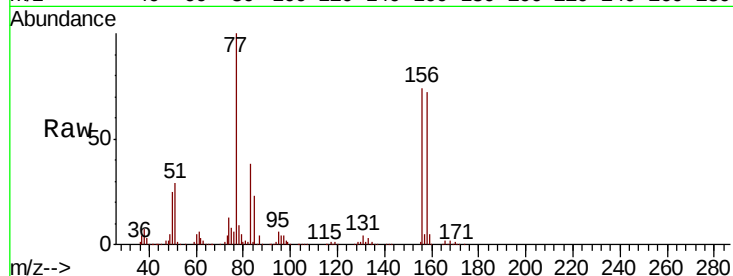
Tot Ion:156 Resp: 181612

Ion Ratio Lower Upper

156 100

77 144.1 66.8 200.6

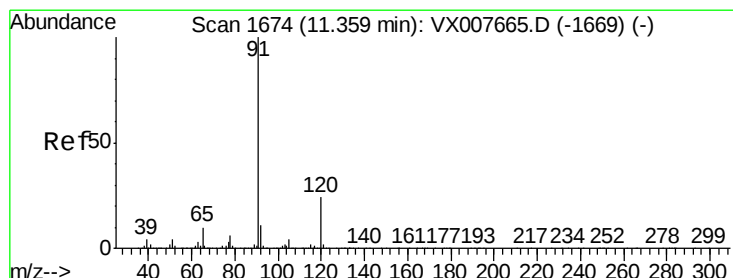
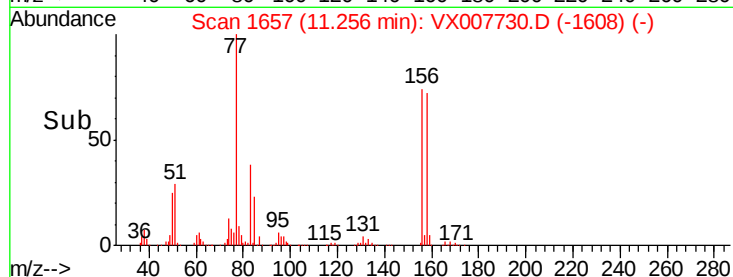
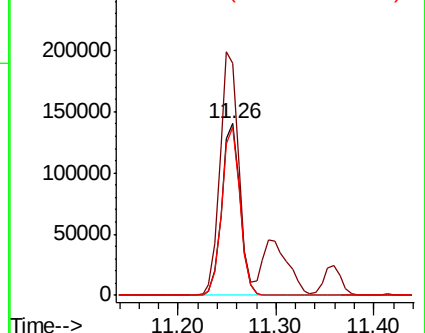
158 97.3 47.9 143.8



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: 46.471 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007730.D

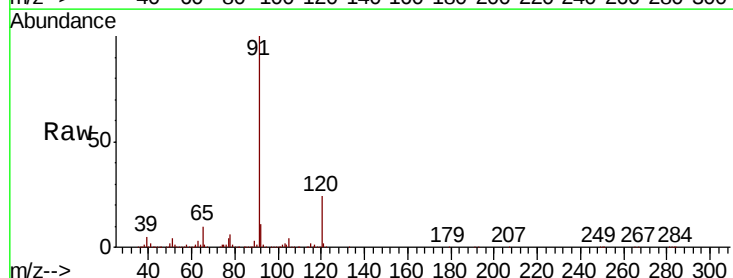
Acq: 27 Feb 2019 13:16

Tgt Ion: 91 Resp: 763824

Ion Ratio Lower Upper

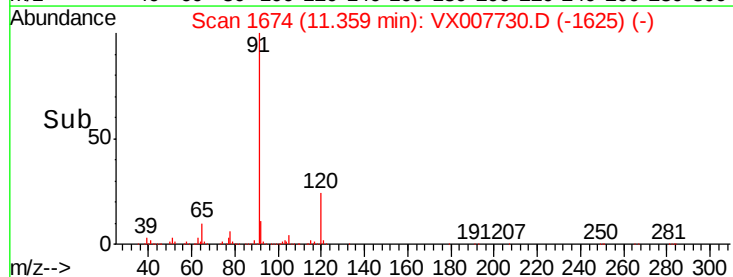
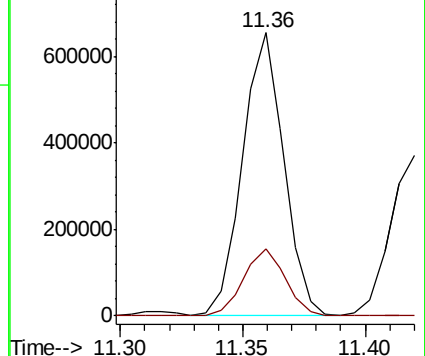
91 100

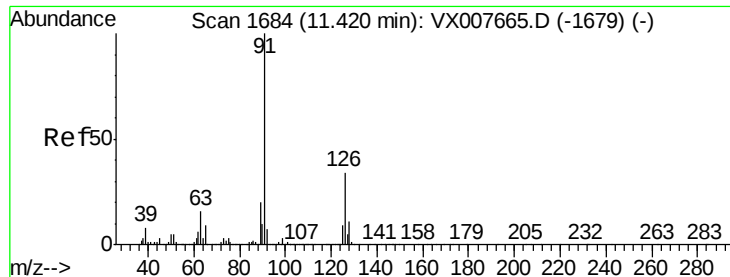
120 24.0 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

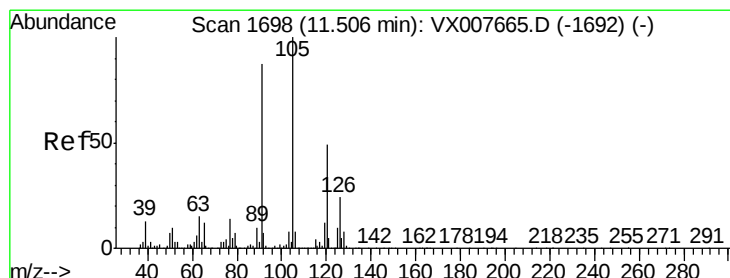
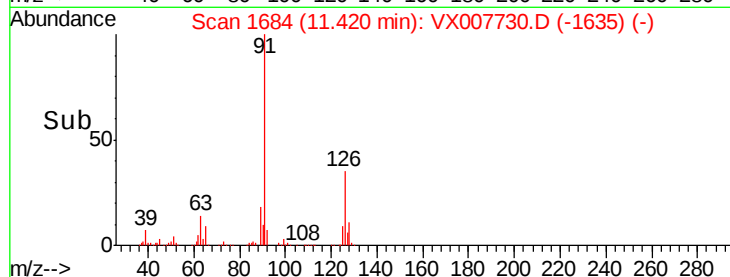
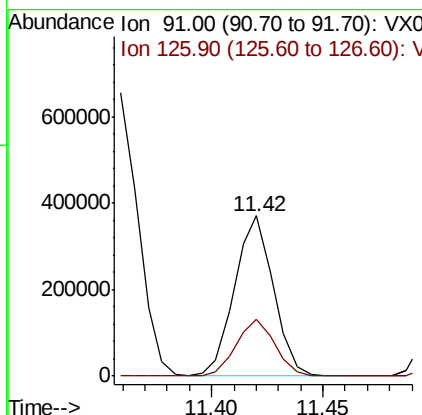
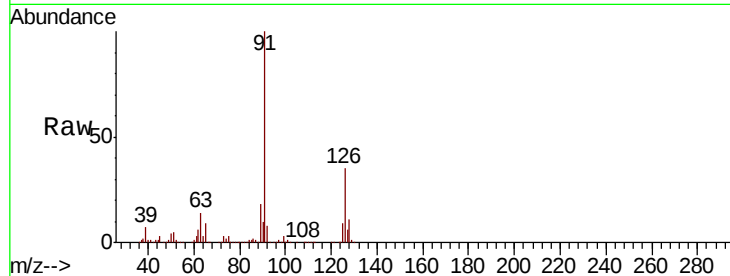




#79
 2-Chlorotoluene
 Concen: 45.454 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX007730.D
 Acq: 27 Feb 2019 13:16

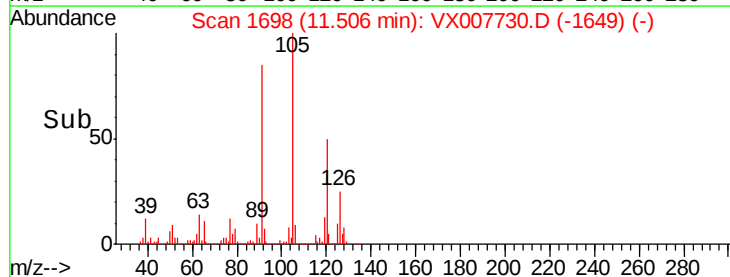
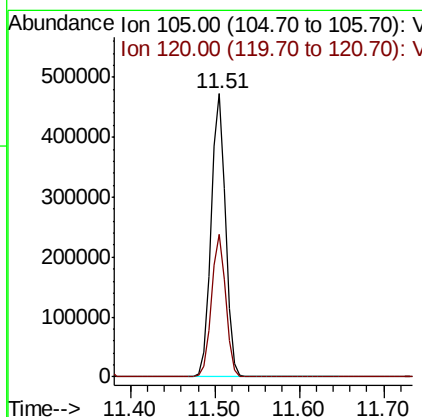
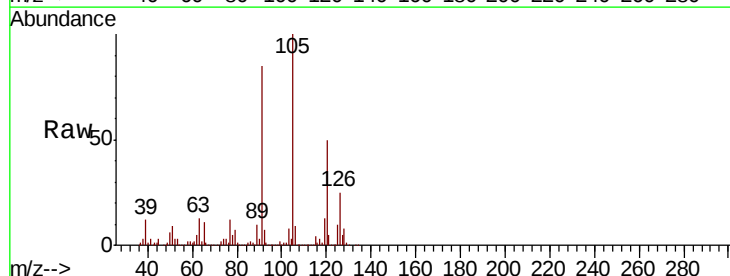
Instrument :
 MSVOA_X
 ClientSampleId :

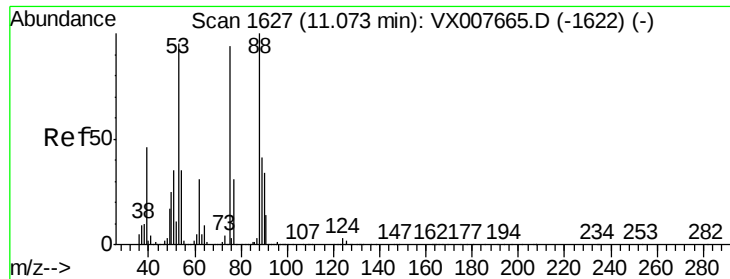
Tot Ion: 91 Resp: 449853
 Ion Ratio Lower Upper
 91 100
 126 35.3 18.7 56.1



#80
 1,3,5-Trimethylbenzene
 Concen: 46.886 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX007730.D
 Acq: 27 Feb 2019 13:16

Tgt Ion: 105 Resp: 560970
 Ion Ratio Lower Upper
 105 100
 120 49.6 25.3 75.8

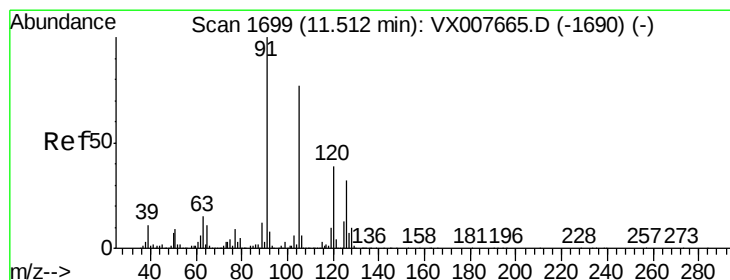
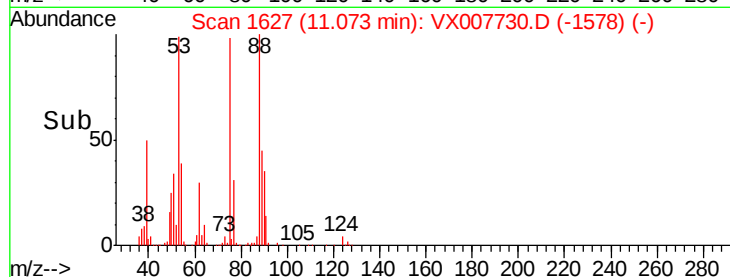
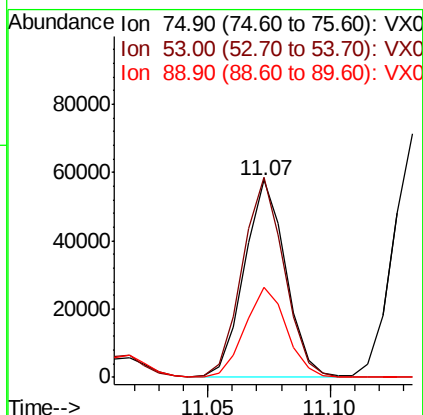
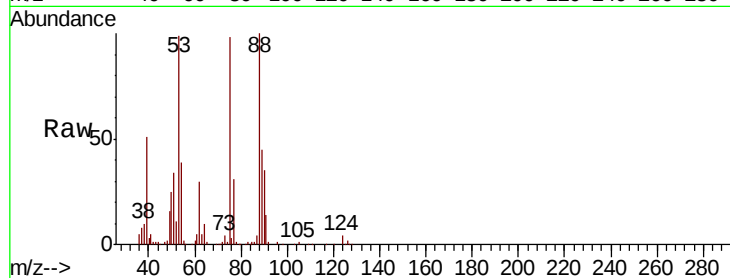




#81
trans-1,4-Dichloro-2-butene
Concen: 42.327 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

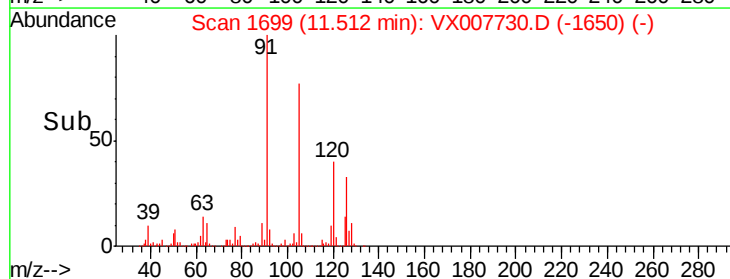
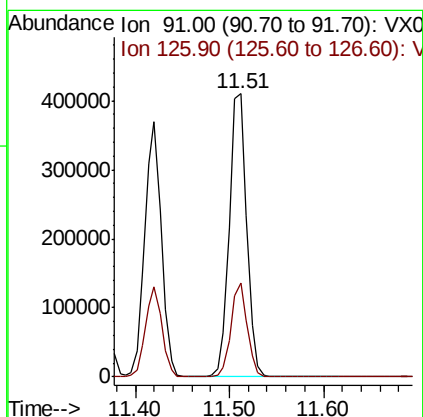
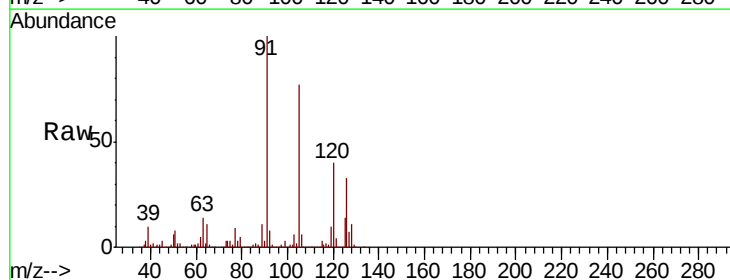
Instrument :
MSVOA_X
ClientSampleId :

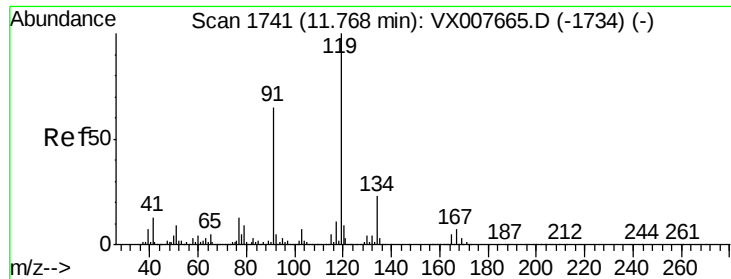
Tot Ion: 75 Resp: 67725
Ion Ratio Lower Upper
75 100
53 102.0 81.0 121.6
89 46.5 41.4 62.0



#82
4-Chlorotoluene
Concen: 45.542 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

Tgt Ion: 91 Resp: 527265
Ion Ratio Lower Upper
91 100
126 31.0 16.2 48.5





#83

tert-Butylbenzene

Concen: 47.865 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Instrument :

MSVOA_X

ClientSampled :

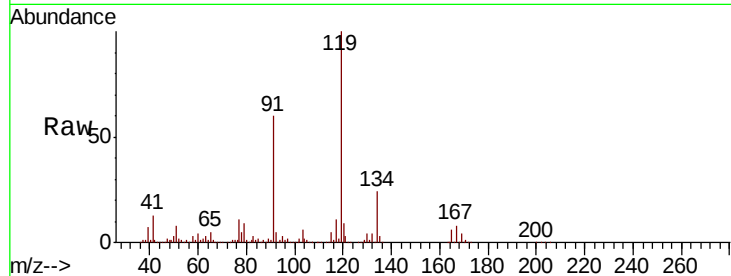
Tot Ion:119 Resp: 549855

Ion Ratio Lower Upper

119 100

91 56.6 28.5 85.6

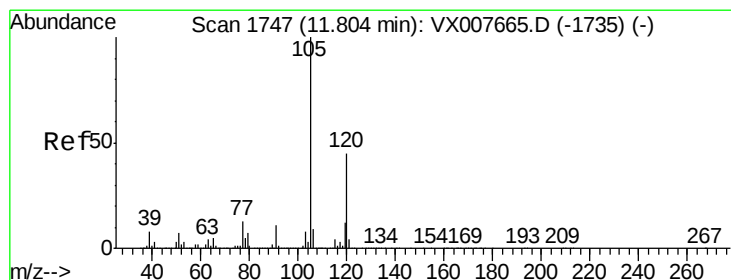
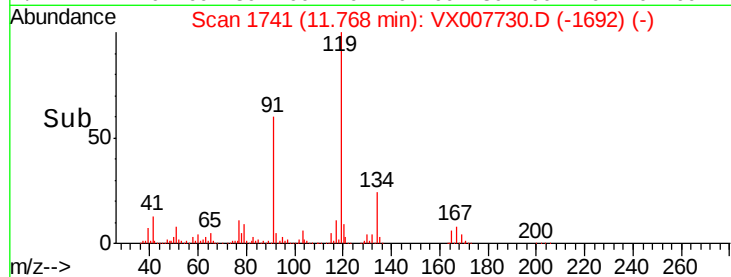
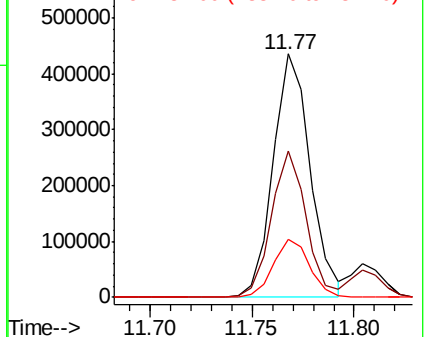
134 23.4 12.0 36.0



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: 46.933 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007730.D

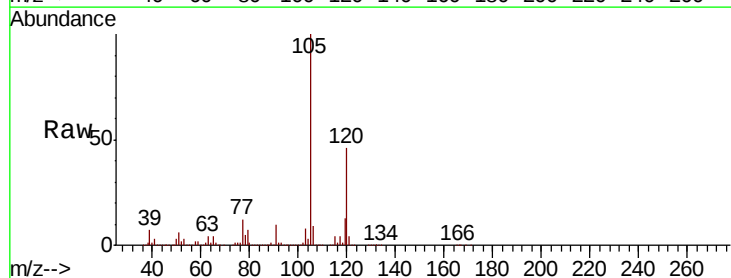
Acq: 27 Feb 2019 13:16

Tgt Ion:105 Resp: 574380

Ion Ratio Lower Upper

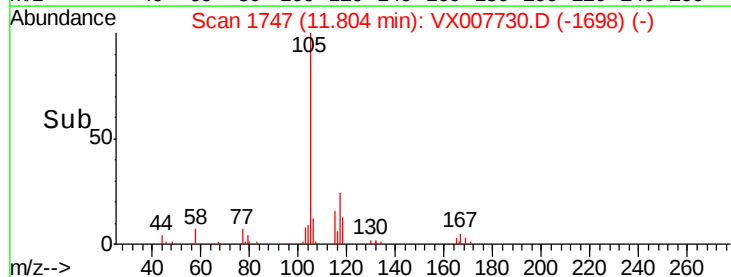
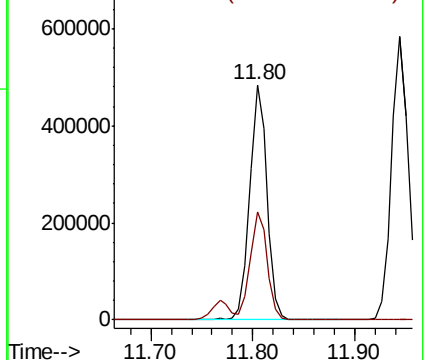
105 100

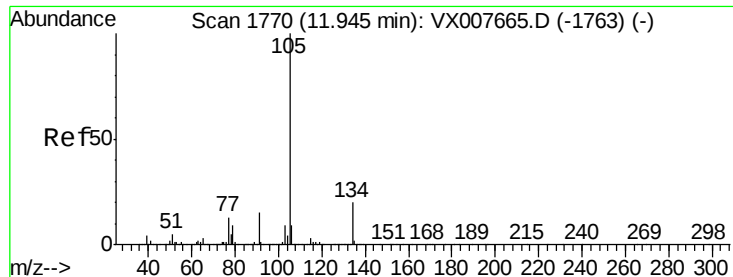
120 45.0 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 46.953 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Instrument :

MSVOA_X

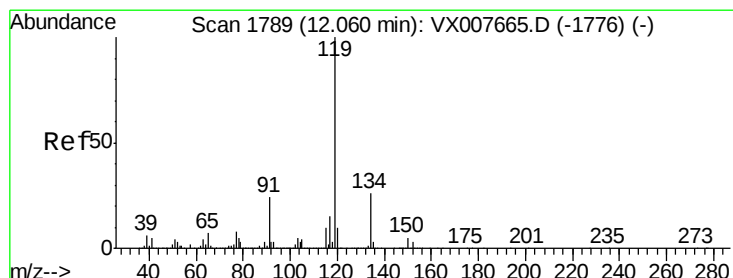
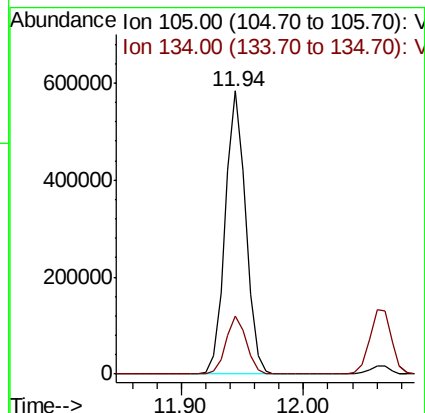
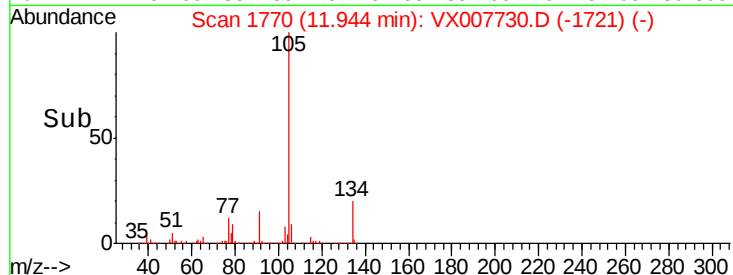
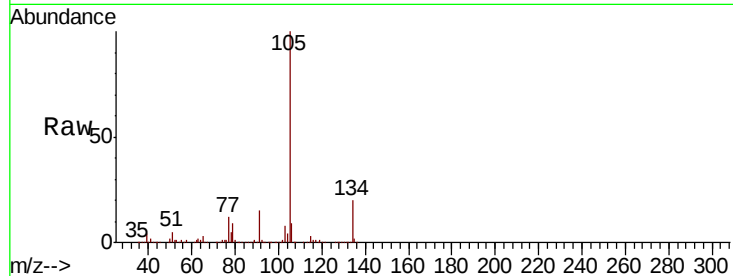
ClientSampleId :

Tot Ion:105 Resp: 675890

Ion Ratio Lower Upper

105 100

134 20.5 10.6 31.8



#86

p-Isopropyltoluene

Concen: 48.287 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

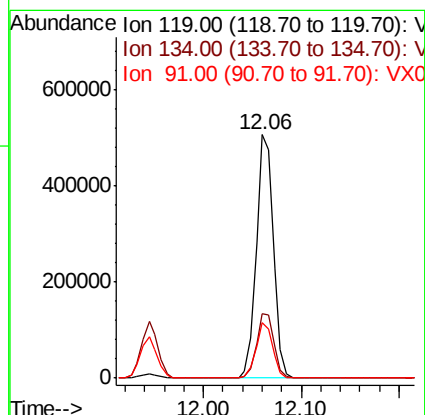
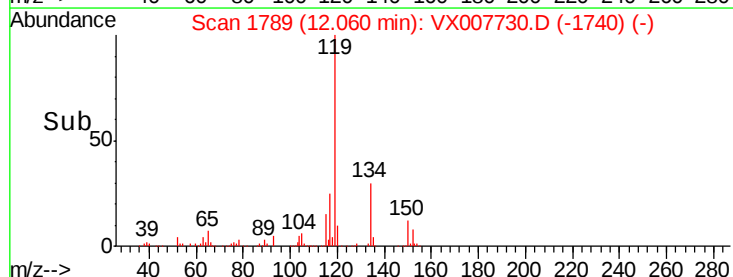
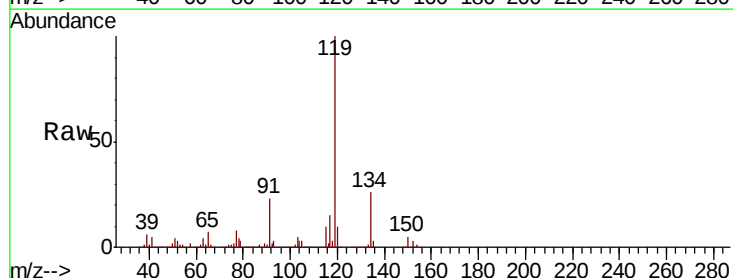
Tgt Ion:119 Resp: 608737

Ion Ratio Lower Upper

119 100

134 26.9 13.7 41.1

91 22.5 11.2 33.5

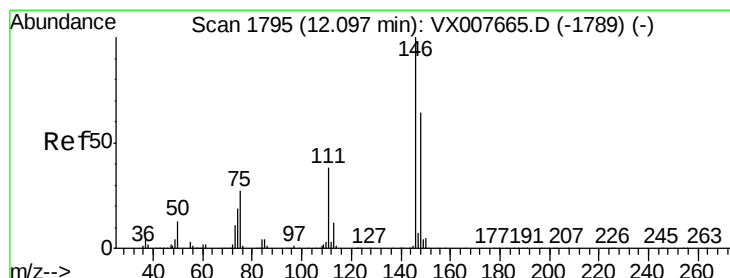
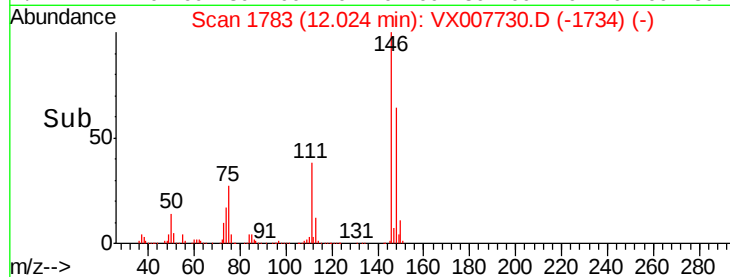
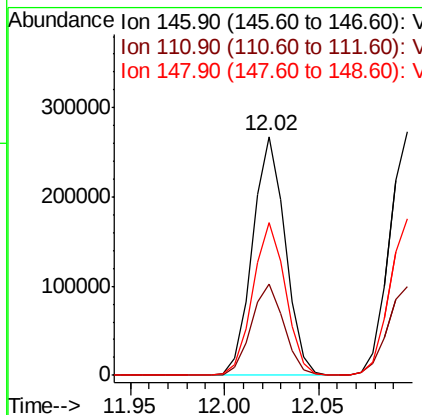
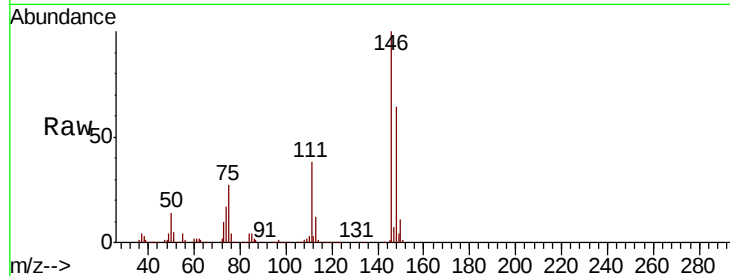




#87
 1,3-Dichlorobenzene
 Concen: 47.544 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007730.D
 Acq: 27 Feb 2019 13:16

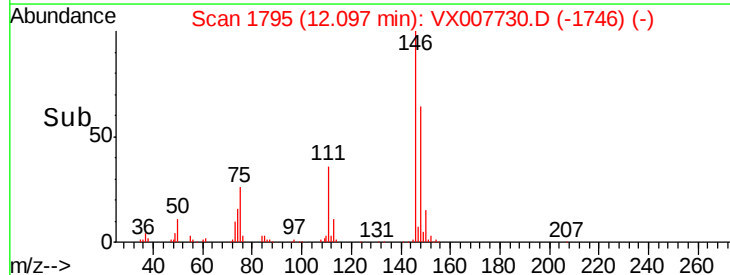
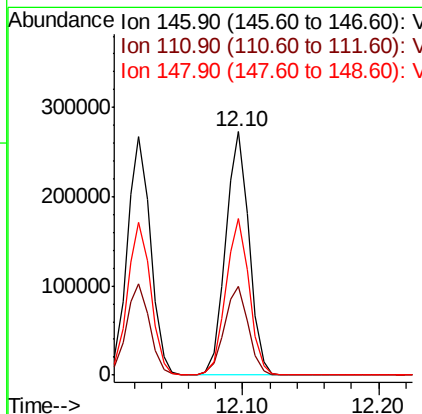
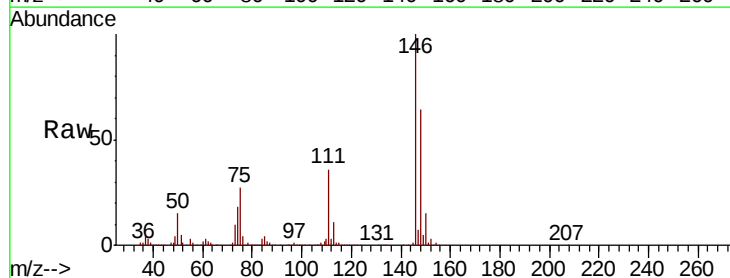
Instrument :
 MSVOA_X
 ClientSampled :

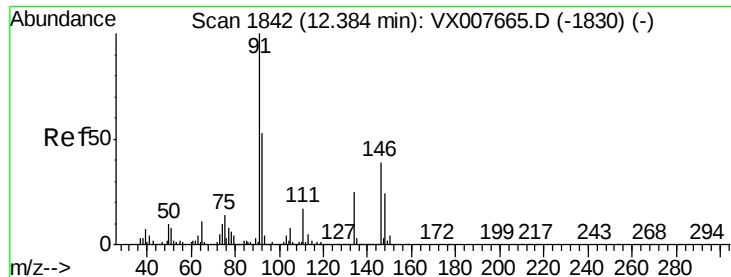
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.1	54.1
148	64.1	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 46.787 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007730.D
 Acq: 27 Feb 2019 13:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.1	54.1
148	64.5	32.3	96.9

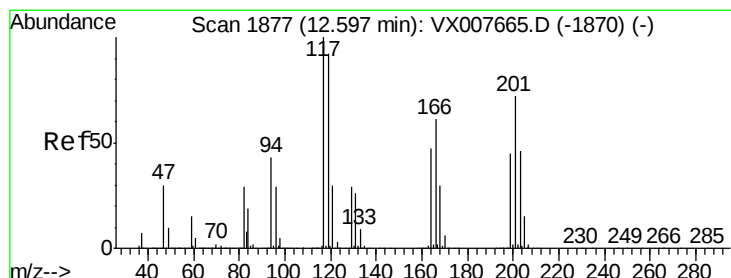
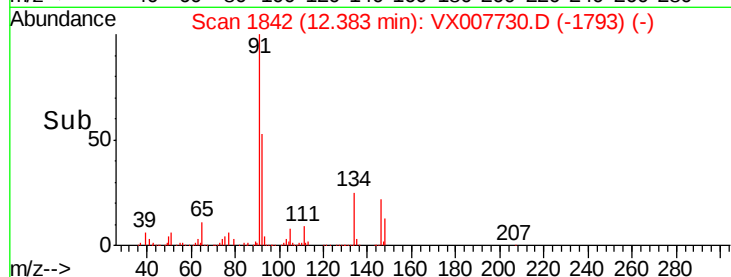
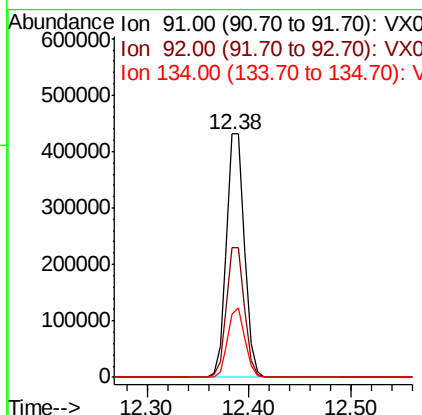
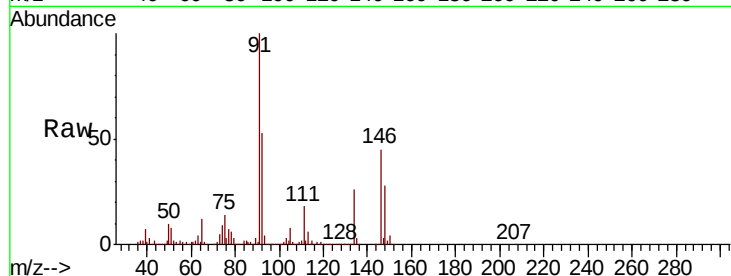




#89
n-Butylbenzene
Concen: 46.691 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

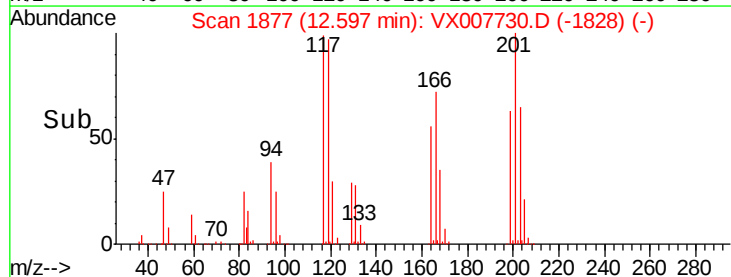
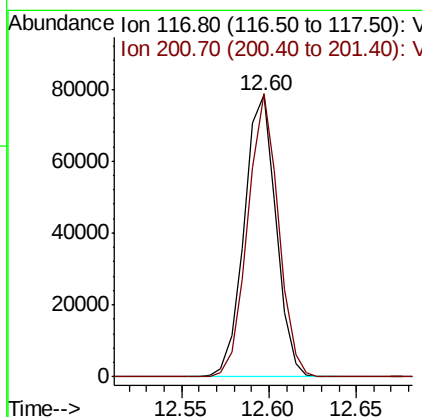
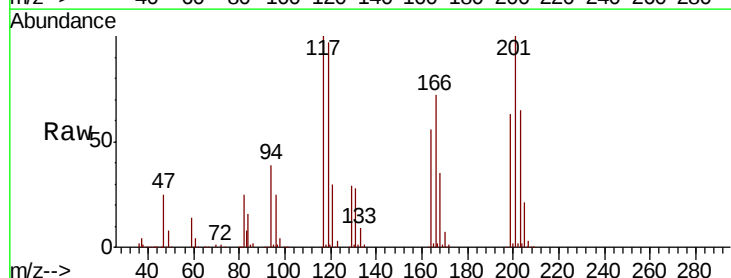
Instrument :
MSVOA_X
ClientSampled :

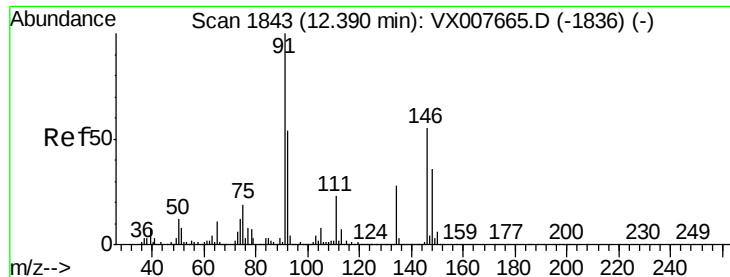
Tot Ion: 91 Resp: 524943
Ion Ratio Lower Upper
91 100
92 53.1 26.3 78.9
134 27.2 13.9 41.6



#90
Hexachloroethane
Concen: 46.491 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

Tgt Ion: 117 Resp: 98754
Ion Ratio Lower Upper
117 100
201 96.8 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 47.609 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

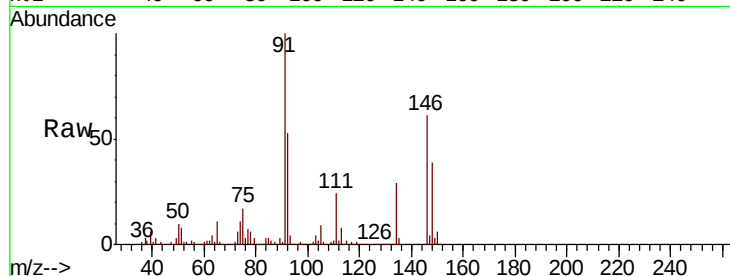
Tot Ion:146 Resp: 322364

Ion Ratio Lower Upper

146 100

111 39.1 19.1 57.3

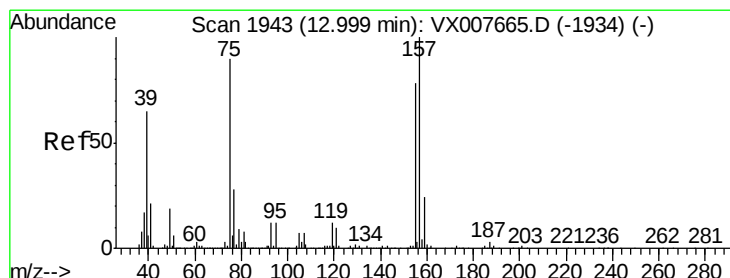
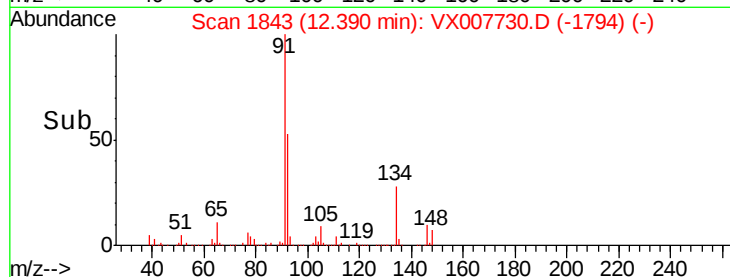
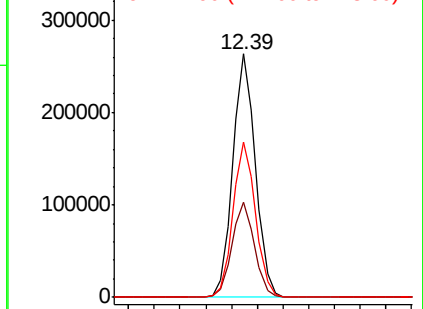
148 63.7 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.523 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007730.D

Acq: 27 Feb 2019 13:16

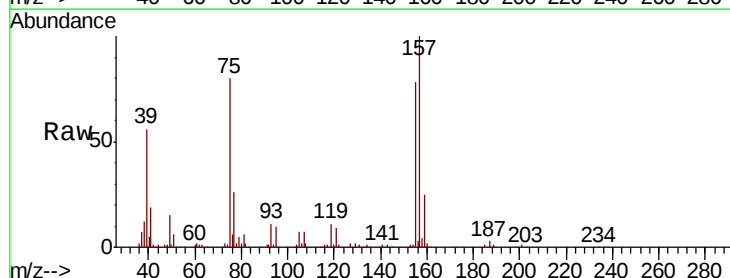
Tgt Ion: 75 Resp: 49900

Ion Ratio Lower Upper

75 100

155 95.9 49.6 149.0

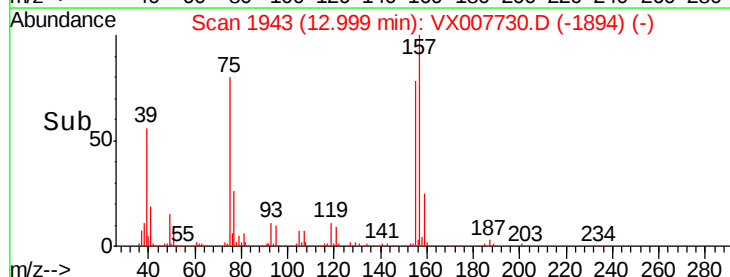
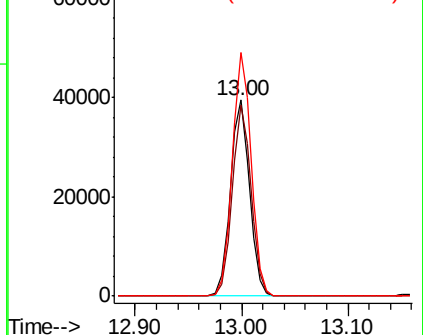
157 123.0 65.1 195.3



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

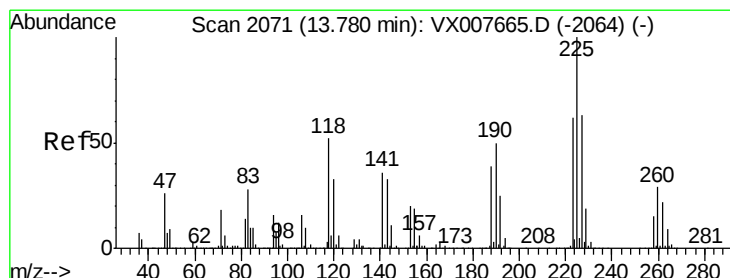
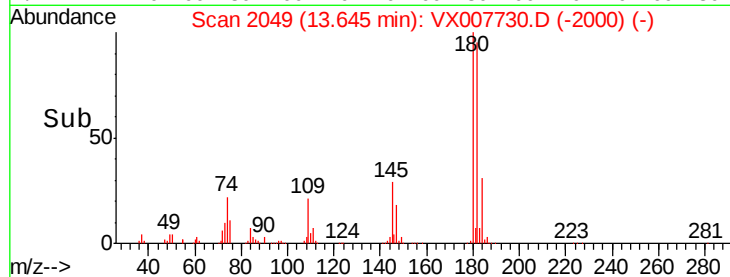
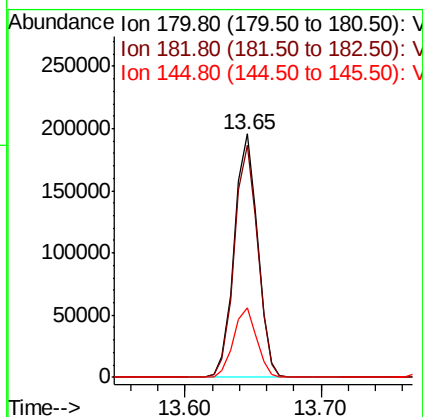
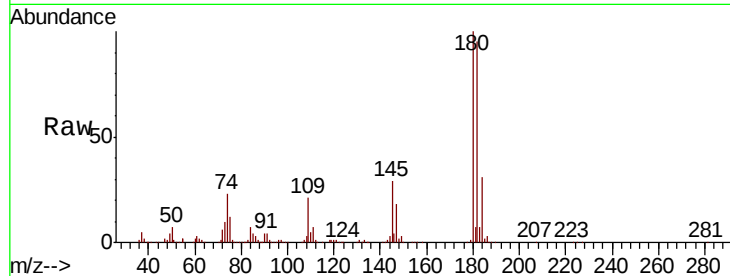




#93
 1,2,4-Trichlorobenzene
 Concen: 56.702 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007730.D
 Acq: 27 Feb 2019 13:16

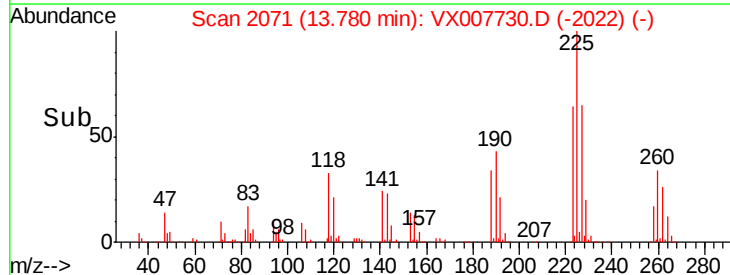
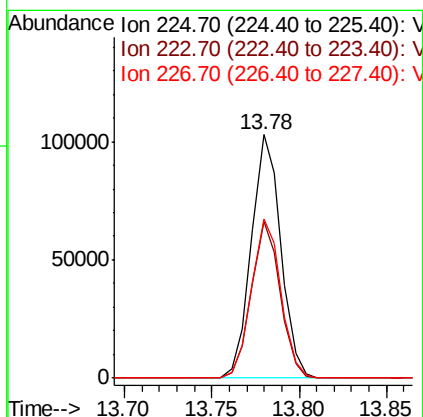
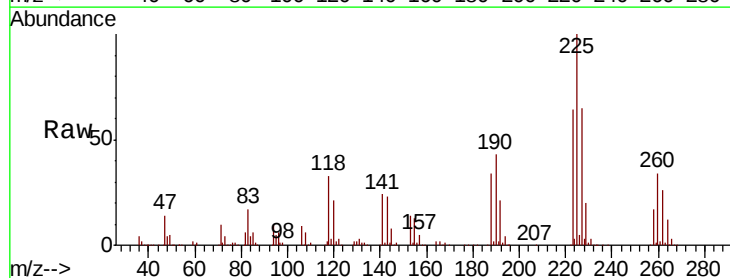
Instrument :
 MSVOA_X
 ClientSampled :

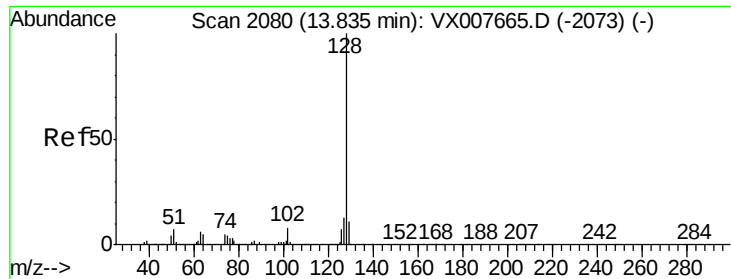
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.8	143.3
145	28.3	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 63.663 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007730.D
 Acq: 27 Feb 2019 13:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.6	94.8
227	65.4	32.1	96.3

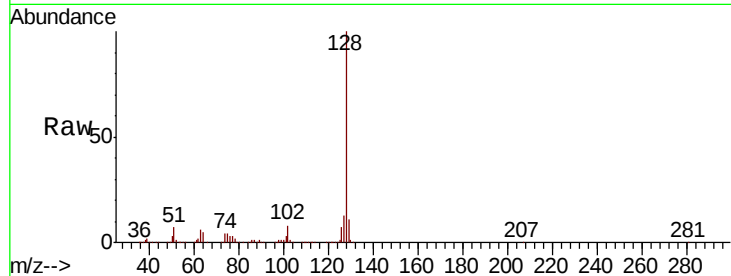




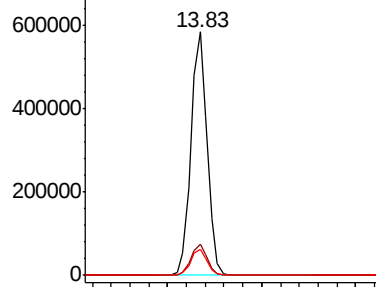
#95
Naphthalene
Concen: 51.834 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :

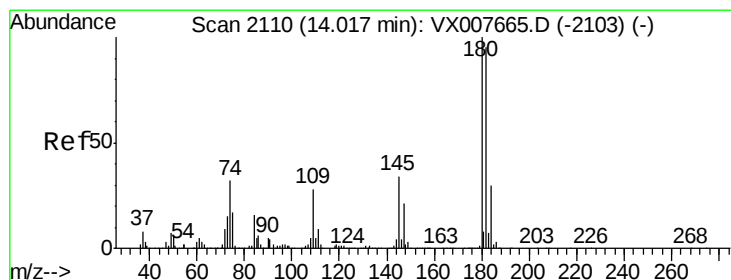
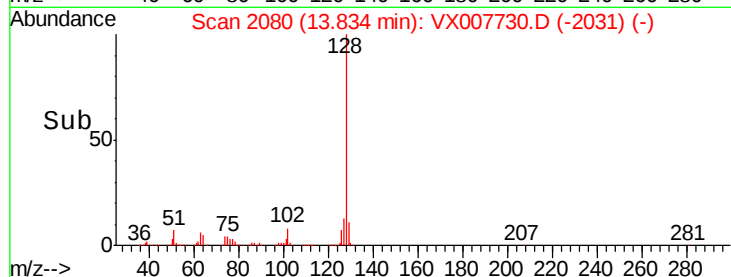
Tot Ion:128 Resp: 694095
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

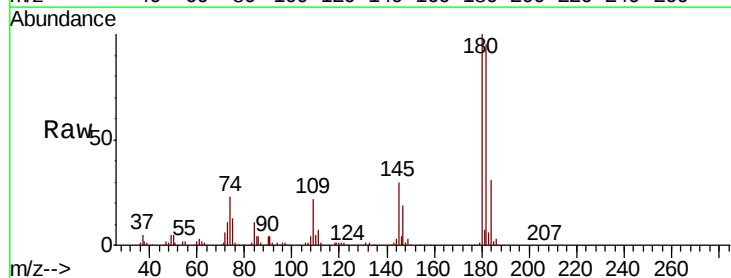


Time-->

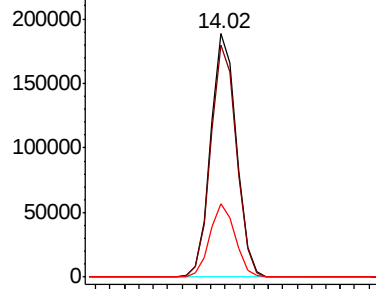


#96
1,2,3-Trichlorobenzene
Concen: 56.283 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX007730.D
Acq: 27 Feb 2019 13:16

Tgt Ion:180 Resp: 233579
Ion Ratio Lower Upper
180 100
182 95.5 47.5 142.6
145 29.7 14.9 44.5



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



Time-->

