

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011119\
 Data File : VX007014.D
 Acq On : 11 Jan 2019 15:30
 Operator : JC/SP
 Sample : VX0111WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0111WBSD01

Quant Time: Jan 11 22:19:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	543799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	800276	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	738040	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	377885	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	282002	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
35) Dibromofluoromethane	5.50	113	247695	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
50) Toluene-d8	8.71	98	929856	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
62) 4-Bromofluorobenzene	11.13	95	336208	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	94582	21.180	ug/l	98
3) Chloromethane	1.33	50	107898	20.755	ug/l	97
4) Vinyl Chloride	1.41	62	113247	20.251	ug/l	99
5) Bromomethane	1.64	94	111649	18.687	ug/l	97
6) Chloroethane	1.72	64	71780	18.383	ug/l	95
7) Trichlorofluoromethane	1.93	101	174859	19.352	ug/l	99
8) Diethyl Ether	2.19	74	70200	19.528	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	103490	19.131	ug/l	100
10) Methyl Iodide	2.51	142	156062	21.387	ug/l	99
11) Tert butyl alcohol	3.07	59	134520	100.342	ug/l	99
12) 1,1-Dichloroethene	2.37	96	95973	19.203	ug/l	97
13) Acrolein	2.29	56	41045	73.197	ug/l	98
14) Allyl chloride	2.73	41	163251	19.059	ug/l	98
15) Acrylonitrile	3.15	53	307985	100.074	ug/l	100
16) Acetone	2.45	43	267814	95.322	ug/l	100
17) Carbon Disulfide	2.57	76	211392	16.428	ug/l	98
18) Methyl Acetate	2.78	43	159233	19.571	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	345098	19.894	ug/l	98
20) Methylene Chloride	2.86	84	112735	20.765	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	103121	18.515	ug/l	97
22) Diisopropyl ether	3.87	45	312319	19.395	ug/l	94
23) Vinyl Acetate	3.82	43	1265947	93.221	ug/l	99
24) 1,1-Dichloroethane	3.70	63	172787	19.189	ug/l	100
25) 2-Butanone	4.70	43	393510	97.886	ug/l	98
26) 2,2-Dichloropropane	4.59	77	115919	16.742	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	116827	19.017	ug/l	98
28) Bromochloromethane	5.02	49	82133	20.819	ug/l	98
29) Tetrahydrofuran	5.15	42	257605	98.602	ug/l	98
30) Chloroform	5.21	83	181930	19.298	ug/l	97
31) Cyclohexane	5.57	56	153742	19.184	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	152721	19.112	ug/l	98
36) 1,1-Dichloropropene	5.80	75	131644	18.921	ug/l	98
37) Ethyl Acetate	4.85	43	148557	19.916	ug/l	99
38) Carbon Tetrachloride	5.78	117	126960	18.136	ug/l	98

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 Data File : VX007014.D
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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
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Quant Time: Jan 11 22:19:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	165134	18.617	ug/l	98
40) Benzene	6.14	78	413981	19.500	ug/l	99
41) Methacrylonitrile	5.06	41	81428	18.949	ug/l	98
42) 1,2-Dichloroethane	6.20	62	143503	19.561	ug/l	98
43) Isopropyl Acetate	6.46	43	232958	19.799	ug/l	98
44) Trichloroethene	7.21	130	118613	18.644	ug/l	96
45) 1,2-Dichloropropane	7.52	63	101297	18.979	ug/l	98
46) Dibromomethane	7.66	93	72306	19.276	ug/l	97
47) Bromodichloromethane	7.90	83	116672	18.273	ug/l	99
48) Methyl methacrylate	7.77	41	117042	19.370	ug/l	97
49) 1,4-Dioxane	7.75	88	56226	402.341	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	783938	103.674	ug/l	99
52) Toluene	8.79	92	266592	19.537	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	126002	17.797	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	143841	18.397	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	109875	20.117	ug/l	99
56) Ethyl methacrylate	9.18	69	164022	20.571	ug/l	97
57) 1,3-Dichloropropane	9.37	76	174839	19.540	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	417424	101.821	ug/l	99
59) 2-Hexanone	9.49	43	600174	104.154	ug/l	99
60) Dibromochloromethane	9.58	129	101022	19.048	ug/l	97
61) 1,2-Dibromoethane	9.67	107	116972	19.454	ug/l	99
64) Tetrachloroethene	9.34	164	125779	19.685	ug/l	99
65) Chlorobenzene	10.14	112	311855	19.373	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	101610	18.764	ug/l	99
67) Ethyl Benzene	10.25	91	505447	19.020	ug/l	99
68) m/p-Xylenes	10.36	106	402309	38.426	ug/l	99
69) o-Xylene	10.70	106	196923	19.286	ug/l	96
70) Styrene	10.71	104	317338	19.623	ug/l	99
71) Bromoform	10.86	173	71245	18.043	ug/l #	98
73) Isopropylbenzene	11.02	105	521783	19.582	ug/l	99
74) N-amyl acetate	10.90	43	204454	19.057	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	162705	19.234	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	175147	22.872	ug/l	91
77) Bromobenzene	11.26	156	144056	19.621	ug/l	99
78) n-propylbenzene	11.36	91	579944	19.826	ug/l	98
79) 2-Chlorotoluene	11.42	91	344936	19.589	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	427172	19.186	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	35401	16.678	ug/l	88
82) 4-Chlorotoluene	11.51	91	396507	19.448	ug/l	100
83) tert-Butylbenzene	11.77	119	432174	19.455	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	444724	19.863	ug/l	100
85) sec-Butylbenzene	11.94	105	517124	19.492	ug/l	99
86) p-Isopropyltoluene	12.06	119	462008	19.469	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	251808	18.975	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	251995	20.128	ug/l	99
89) n-Butylbenzene	12.39	91	383501	18.958	ug/l	99
90) Hexachloroethane	12.60	117	60365	17.916	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	248233	18.955	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	30079	17.979	ug/l	99

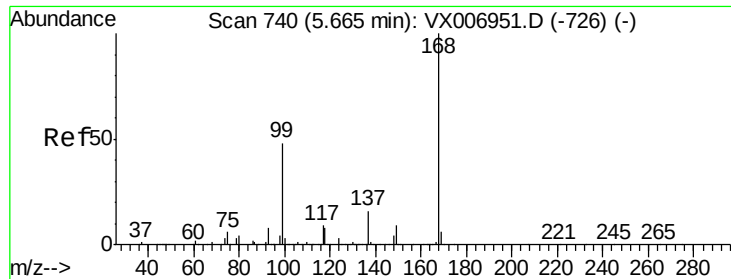
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011119\
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Acq On : 11 Jan 2019 15:30
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Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	169512	18.866	ug/l	98
94) Hexachlorobutadiene	13.78	225	76568	19.204	ug/l	99
95) Naphthalene	13.83	128	526225	19.328	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	167733	18.793	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA_X

ClientSampleId :

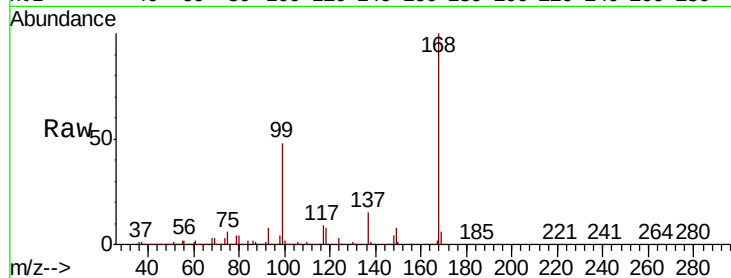
VX0111WBSD01

Tgt Ion:168 Resp: 543799

Ion Ratio Lower Upper

168 100

99 47.6 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

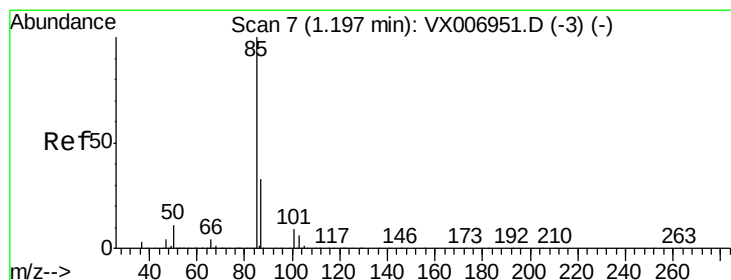
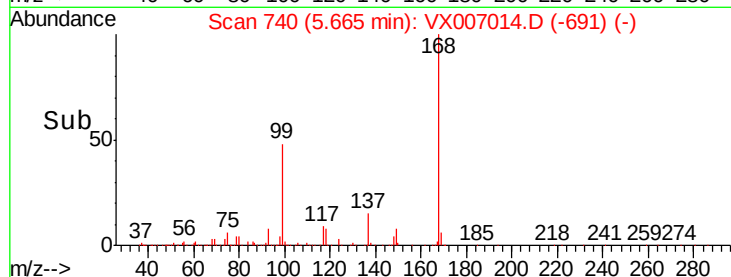
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 21.180 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX007014.D

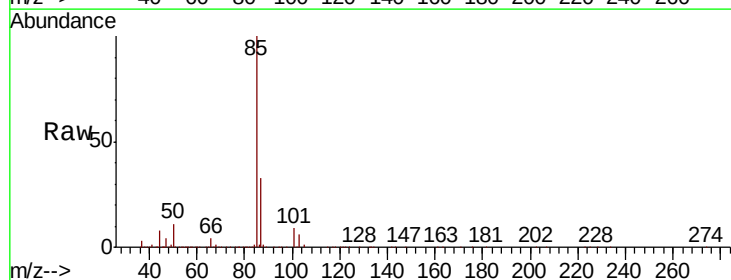
Acq: 11 Jan 2019 15:30

Tgt Ion: 85 Resp: 94582

Ion Ratio Lower Upper

85 100

87 32.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

100000

80000

60000

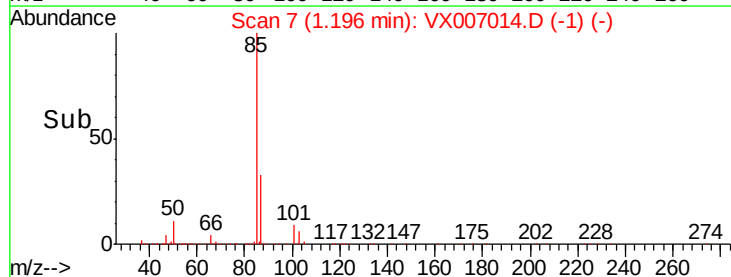
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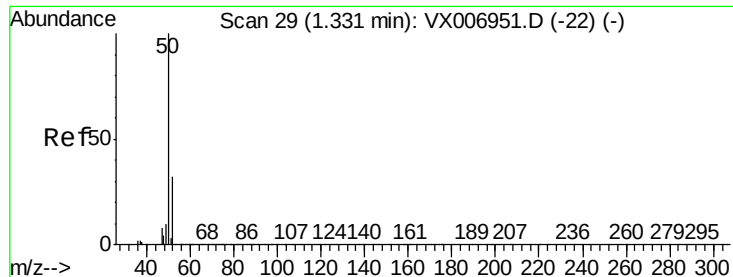
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 20.755 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA_X

ClientSampleId :

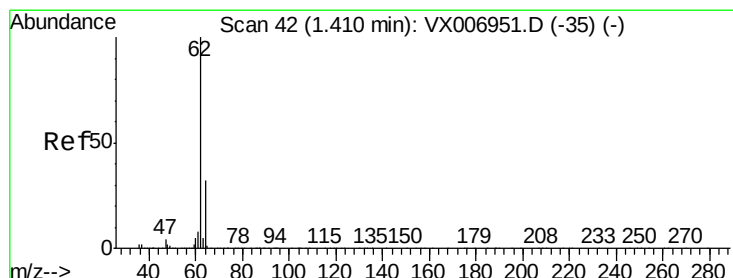
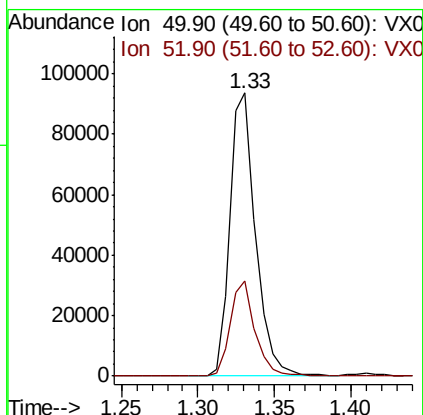
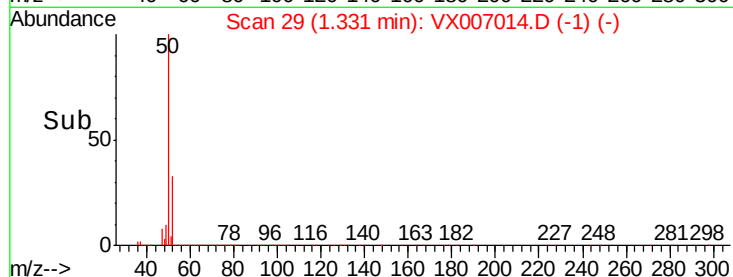
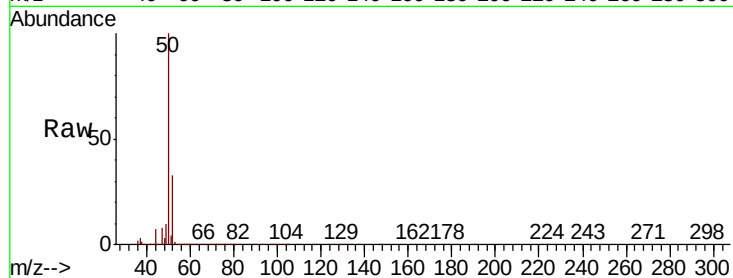
VX0111WBSD01

Tgt Ion: 50 Resp: 107898

Ion Ratio Lower Upper

50 100

52 33.4 25.4 38.2



#4

Vinyl Chloride

Concen: 20.251 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007014.D

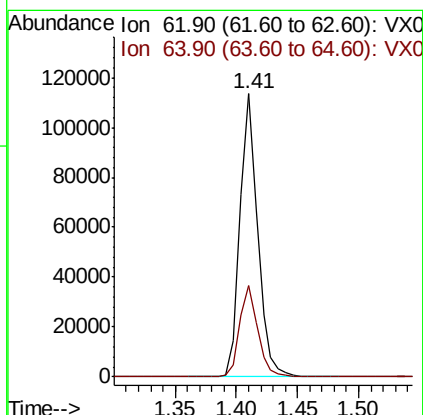
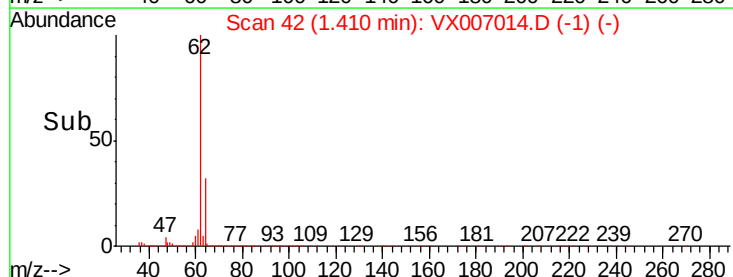
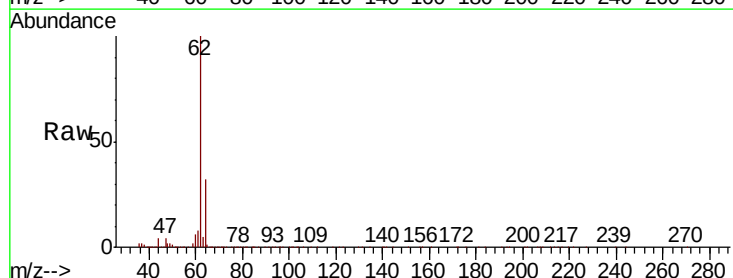
Acq: 11 Jan 2019 15:30

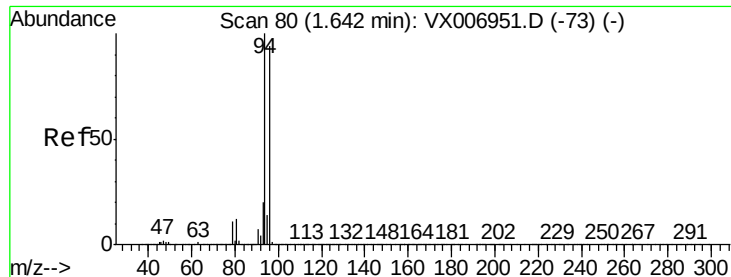
Tgt Ion: 62 Resp: 113247

Ion Ratio Lower Upper

62 100

64 31.9 25.1 37.7





#5

Bromomethane

Concen: 18.687 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA_X

ClientSampleId :

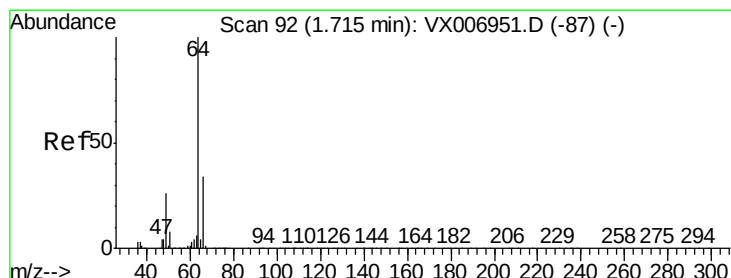
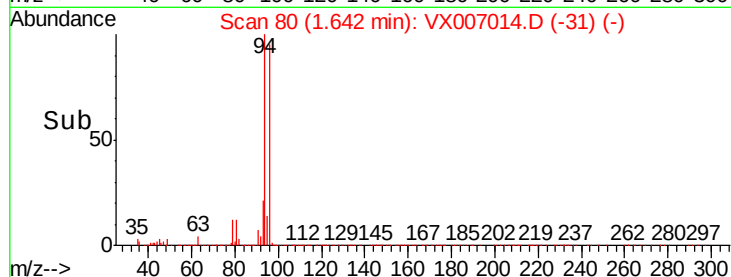
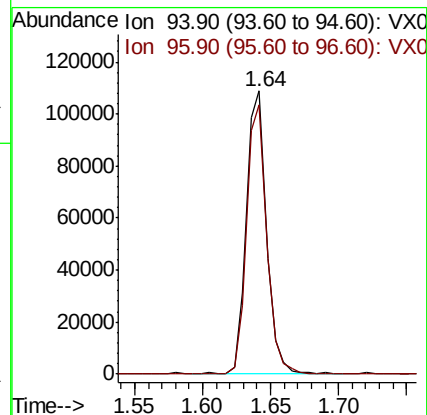
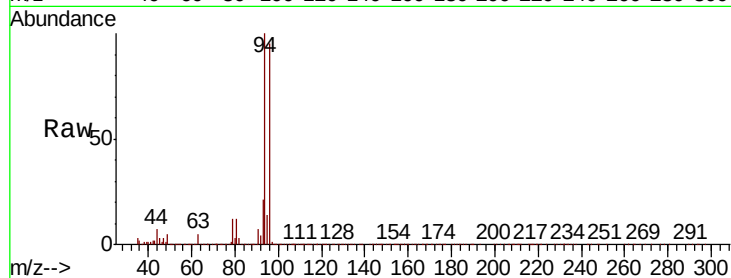
VX0111WBSD01

Tgt Ion: 94 Resp: 111649

Ion Ratio Lower Upper

94 100

96 95.1 73.4 110.2



#6

Chloroethane

Concen: 18.383 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX007014.D

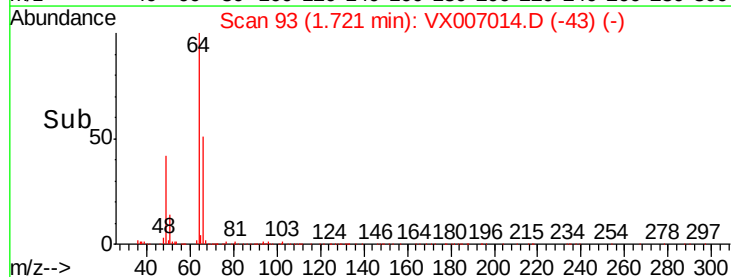
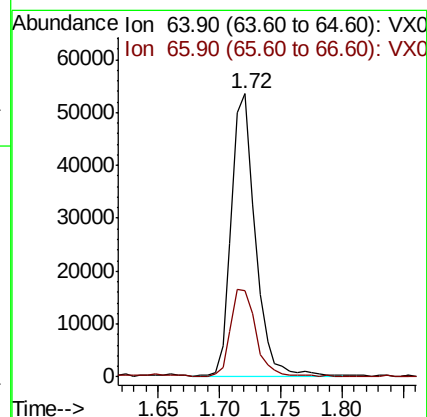
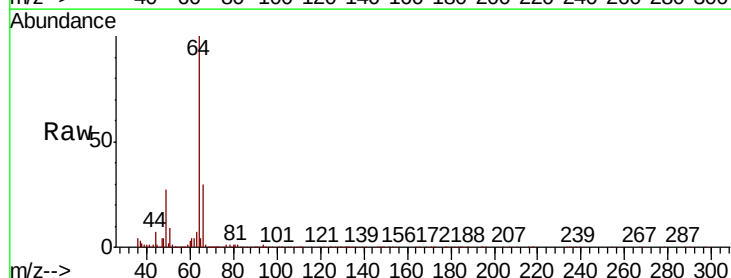
Acq: 11 Jan 2019 15:30

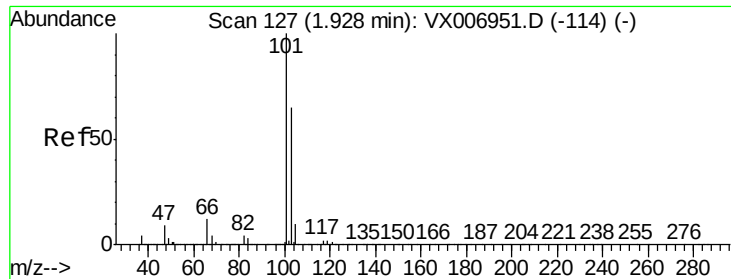
Tgt Ion: 64 Resp: 71780

Ion Ratio Lower Upper

64 100

66 30.4 26.4 39.6



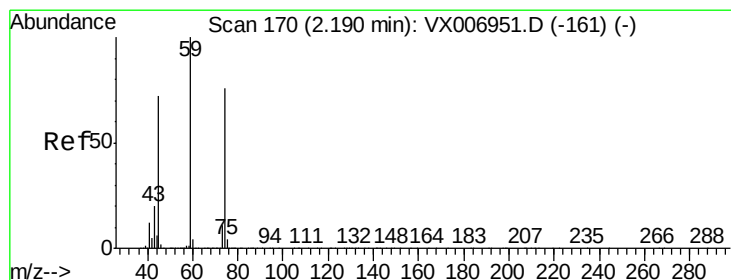
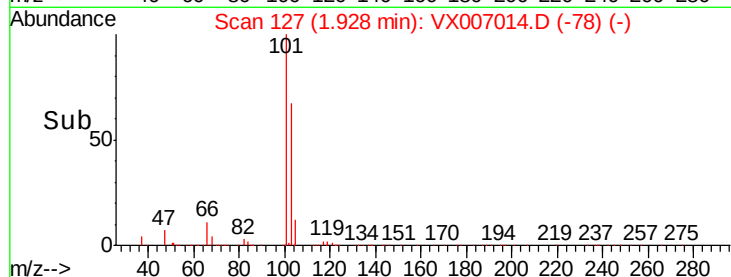
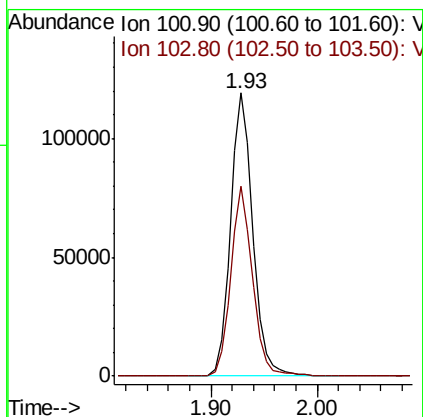
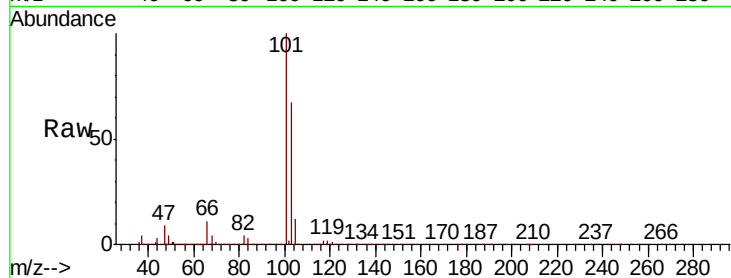


#7

Trichlorofluoromethane
Concen: 19.352 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007014.D
Acq: 11 Jan 2019 15:30

Instrument :
MSVOA_X
ClientSampleId :
VX0111WBSD01

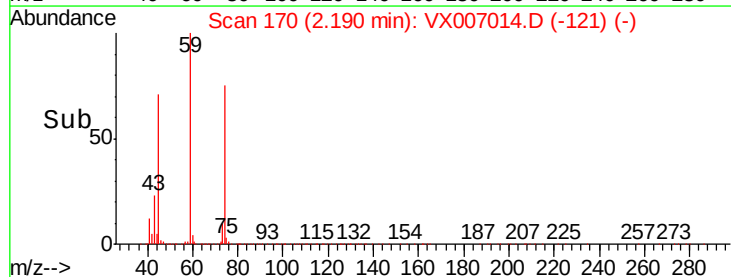
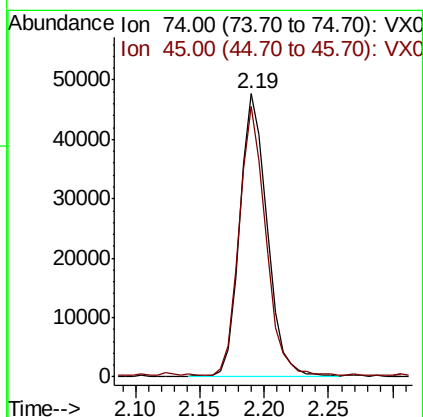
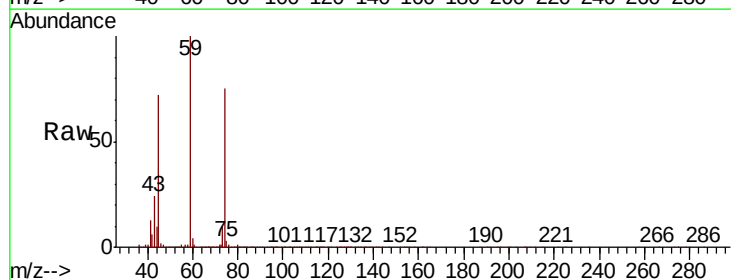
Tgt Ion:101 Resp: 174859
Ion Ratio Lower Upper
101 100
103 67.0 53.2 79.8

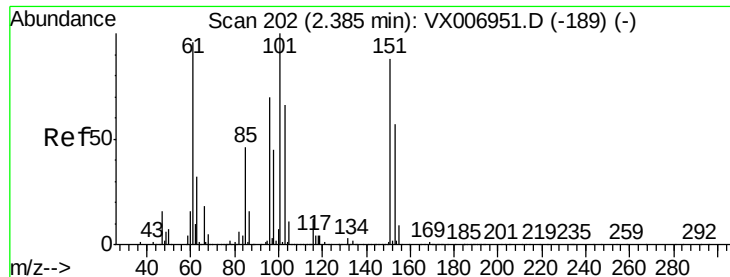


#8

Diethyl Ether
Concen: 19.528 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007014.D
Acq: 11 Jan 2019 15:30

Tgt Ion: 74 Resp: 70200
Ion Ratio Lower Upper
74 100
45 91.8 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.131 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA_X

ClientSampleId :

VX0111WBSD01

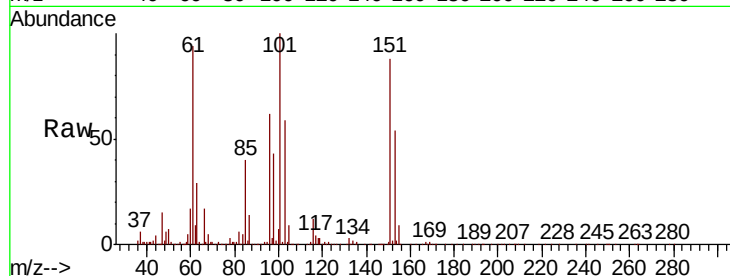
Tgt Ion:101 Resp: 103490

Ion Ratio Lower Upper

101 100

85 43.7 35.1 52.7

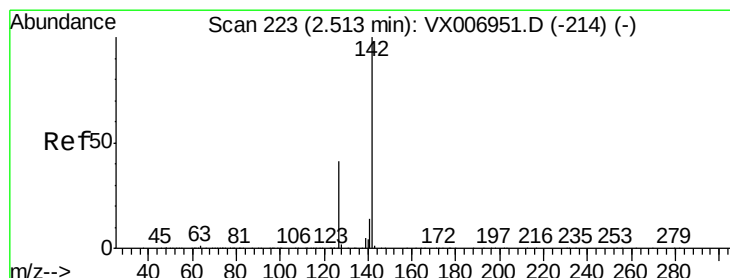
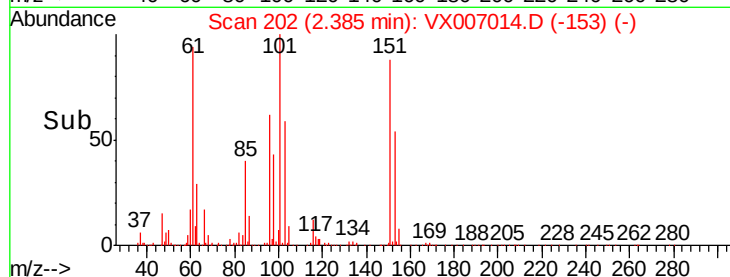
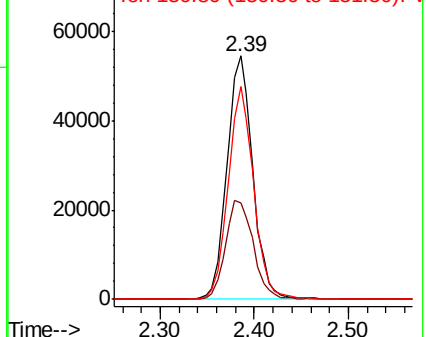
151 86.4 68.9 103.3



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: 21.387 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

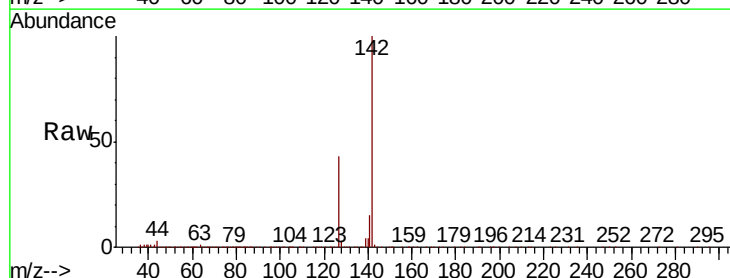
Tgt Ion:142 Resp: 156062

Ion Ratio Lower Upper

142 100

127 43.2 33.9 50.9

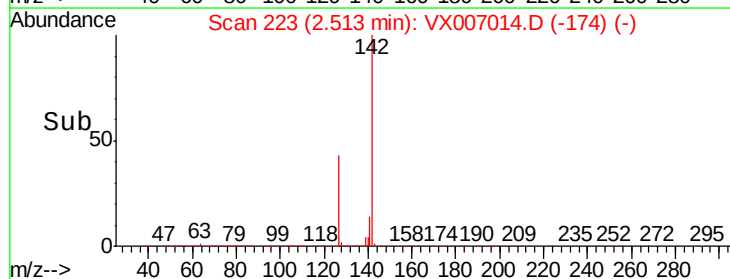
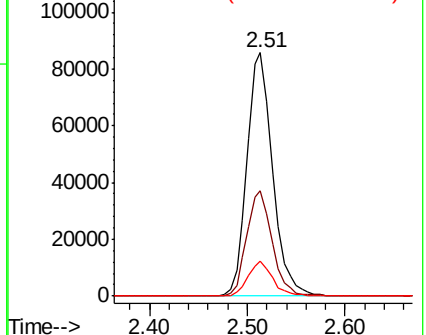
141 14.0 11.4 17.0

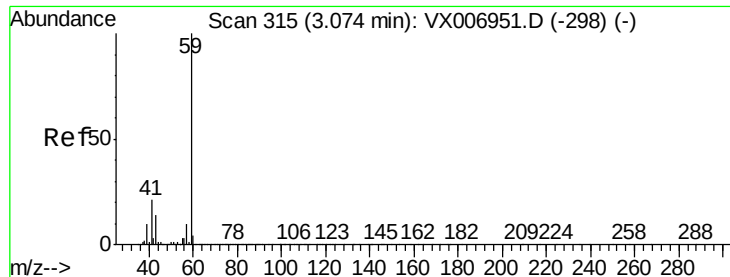


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

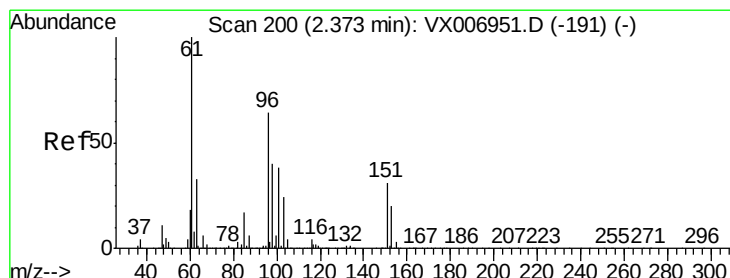
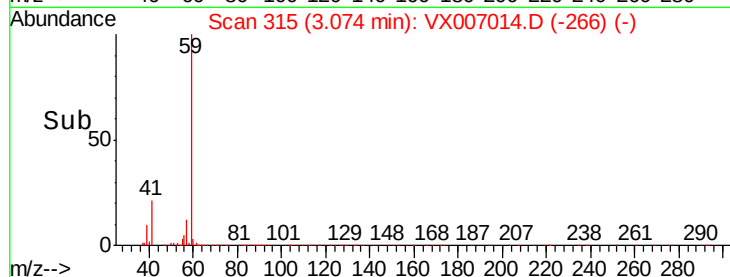
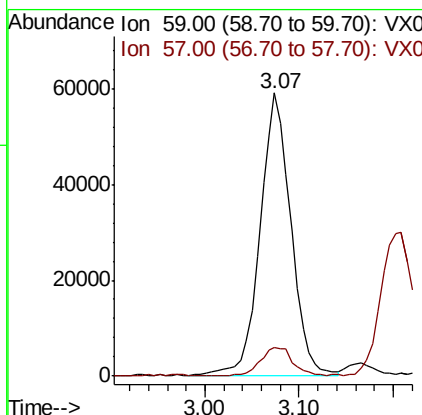
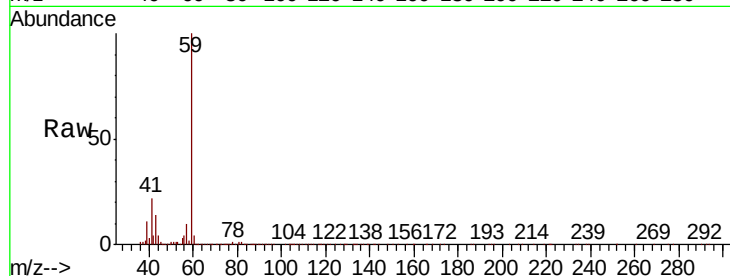




#11
Tert butyl alcohol
Concen: 100.342 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX007014.D
Acq: 11 Jan 2019 15:30

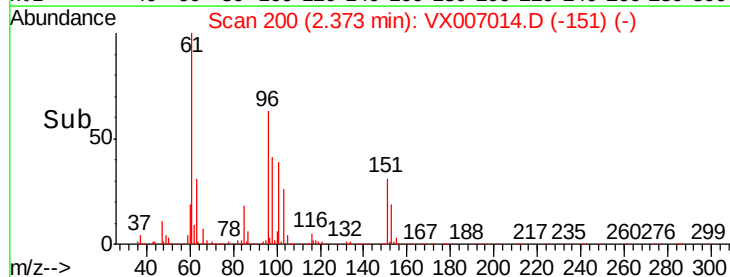
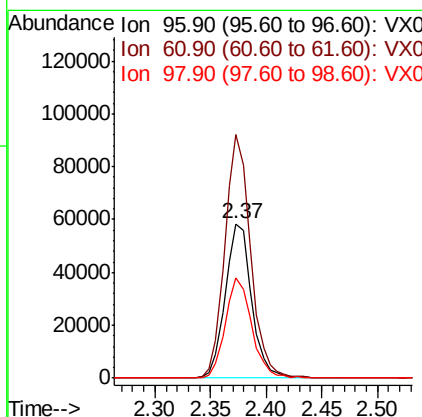
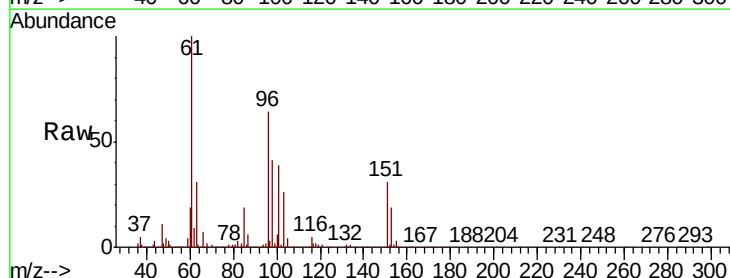
Instrument :
MSVOA_X
ClientSampleId :
VX0111WBSD01

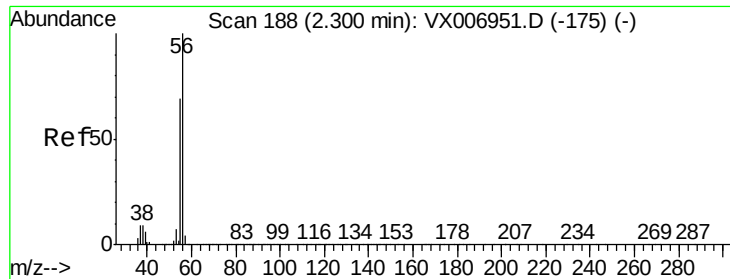
Tgt Ion: 59 Resp: 134520
Ion Ratio Lower Upper
59 100
57 10.3 8.5 12.7



#12
1,1-Dichloroethene
Concen: 19.203 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007014.D
Acq: 11 Jan 2019 15:30

Tgt Ion: 96 Resp: 95973
Ion Ratio Lower Upper
96 100
61 157.3 121.4 182.2
98 64.4 51.9 77.9

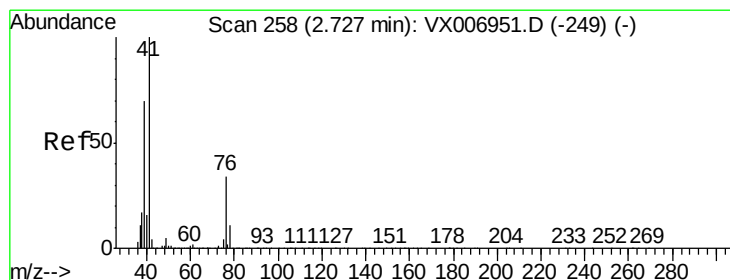
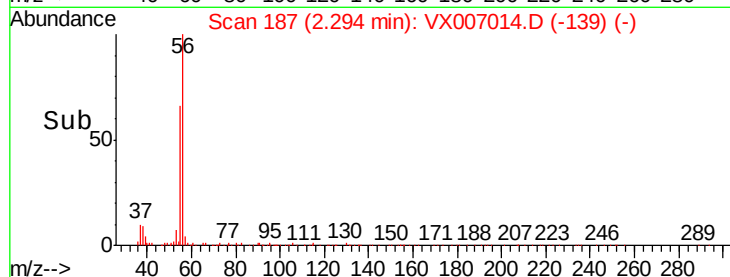
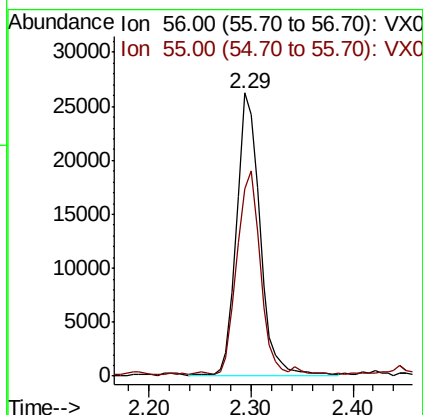
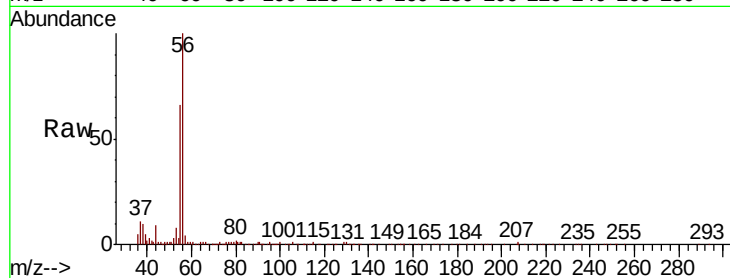




#13
Acrolein
Concen: 73.197 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.01 min
Lab File: VX007014.D
Acq: 11 Jan 2019 15:30

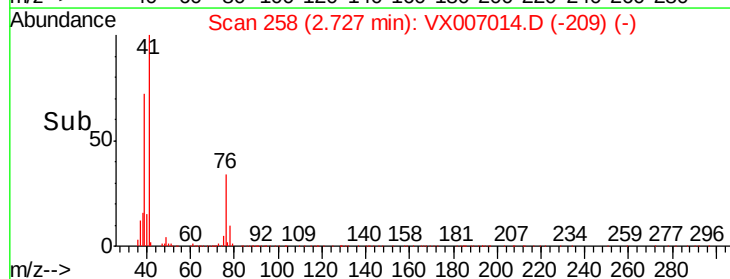
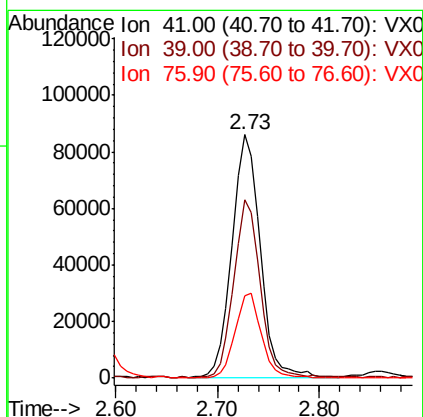
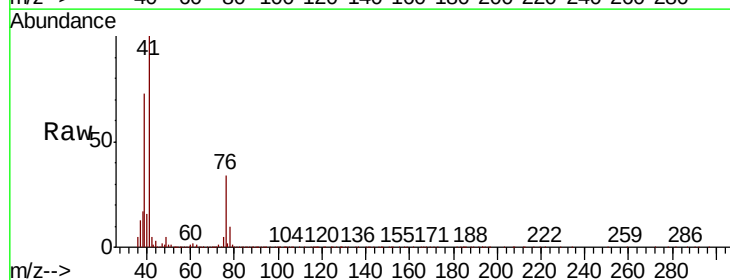
Instrument :
MSVOA_X
ClientSampleId :
VX0111WBSD01

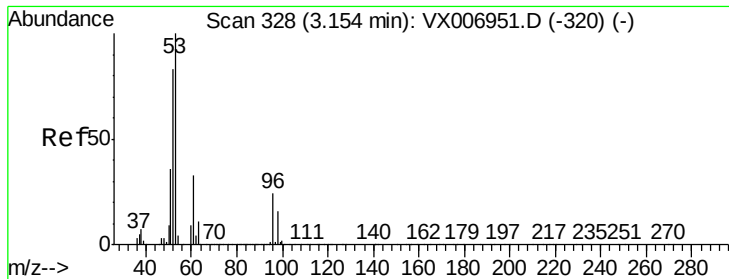
Tgt Ion: 56 Resp: 41045
Ion Ratio Lower Upper
56 100
55 71.1 58.2 87.4



#14
Allyl chloride
Concen: 19.059 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX007014.D
Acq: 11 Jan 2019 15:30

Tgt Ion: 41 Resp: 163251
Ion Ratio Lower Upper
41 100
39 68.0 53.6 80.4
76 32.5 27.4 41.2





#15

Acrylonitrile

Concen: 100.074 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA_X

ClientSampleId :

VX0111WBSD01

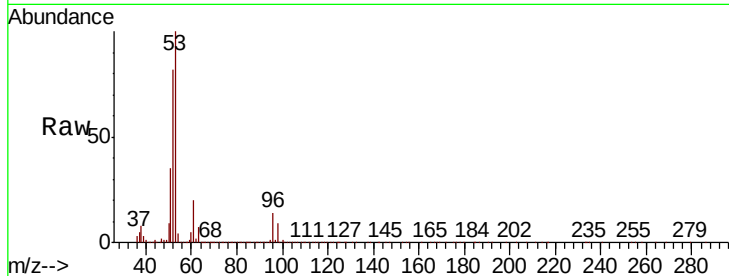
Tgt Ion: 53 Resp: 307985

Ion Ratio Lower Upper

53 100

52 82.9 66.0 99.0

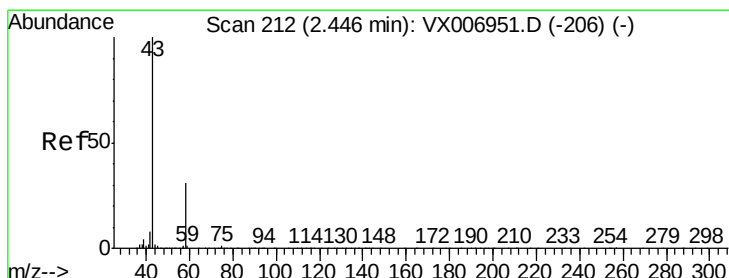
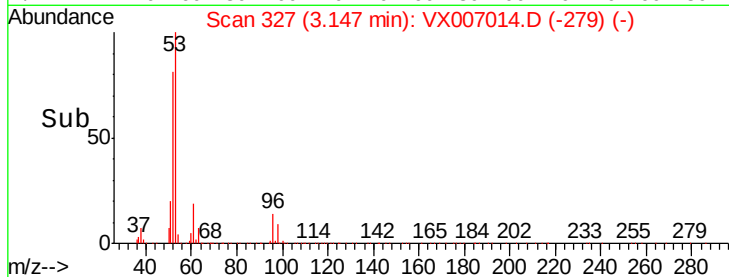
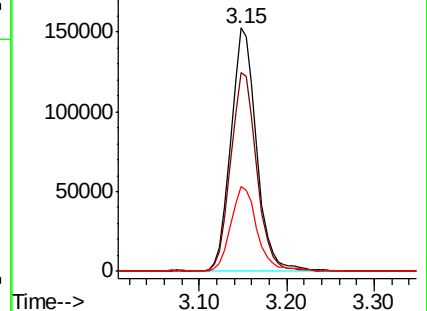
51 35.8 28.6 42.8



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: 95.322 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007014.D

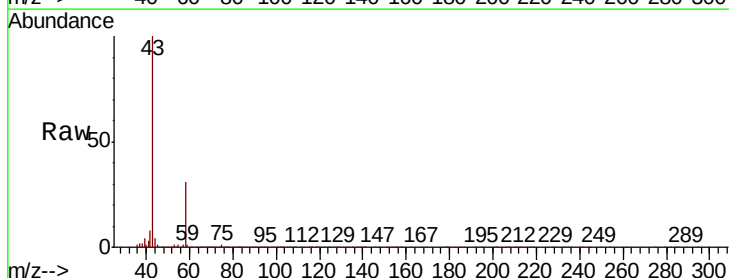
Acq: 11 Jan 2019 15:30

Tgt Ion: 43 Resp: 267814

Ion Ratio Lower Upper

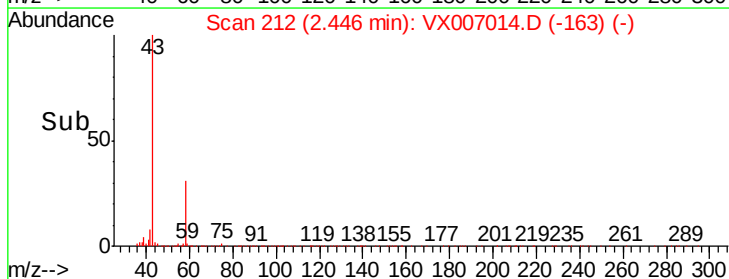
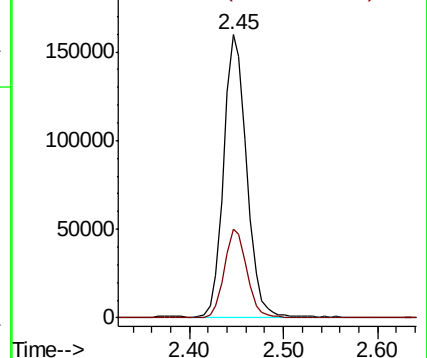
43 100

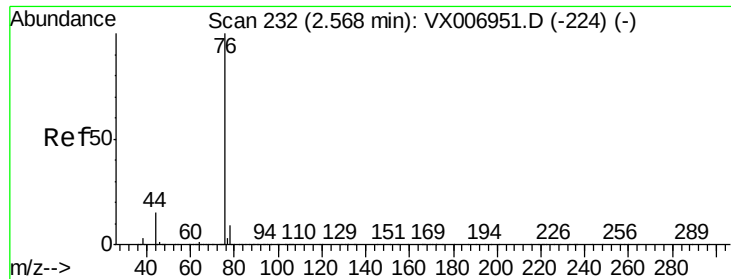
58 31.4 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.428 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA_X

ClientSampleId :

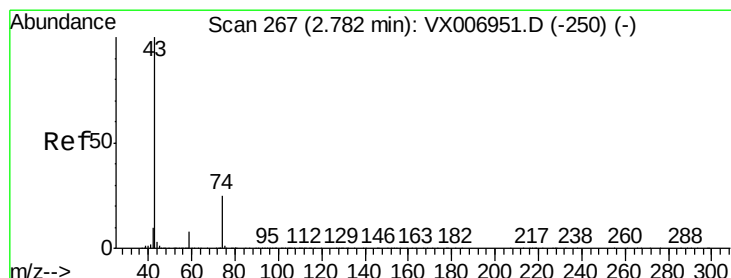
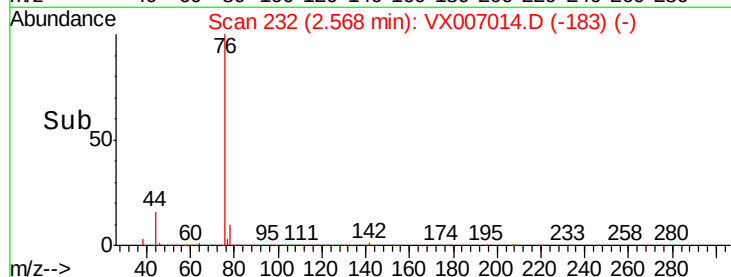
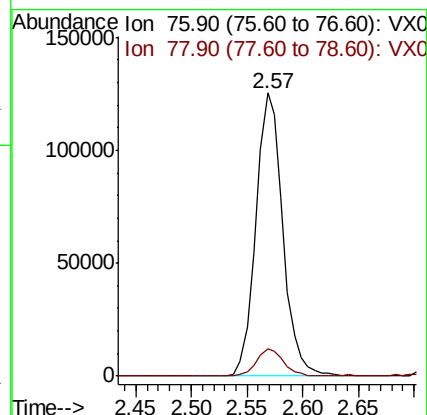
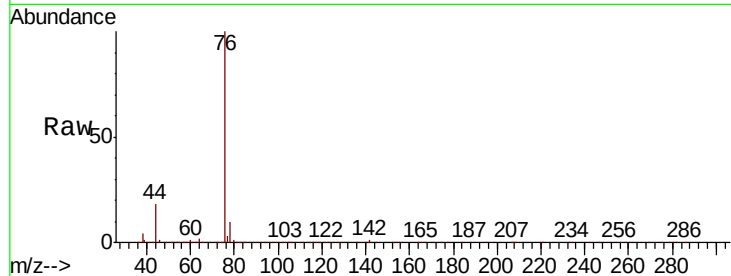
VX0111WBSD01

Tgt Ion: 76 Resp: 211392

Ion Ratio Lower Upper

76 100

78 9.5 7.0 10.6



#18

Methyl Acetate

Concen: 19.571 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007014.D

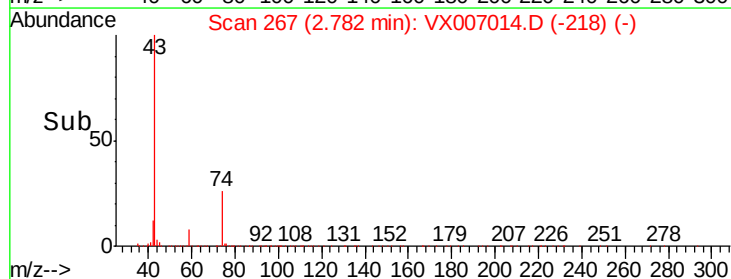
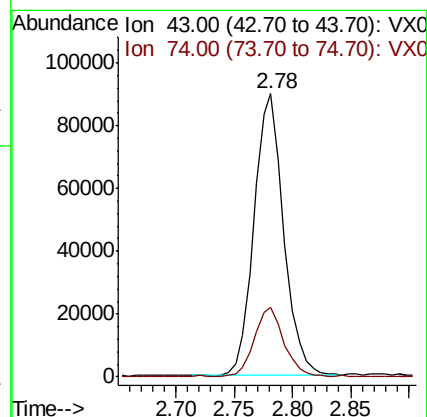
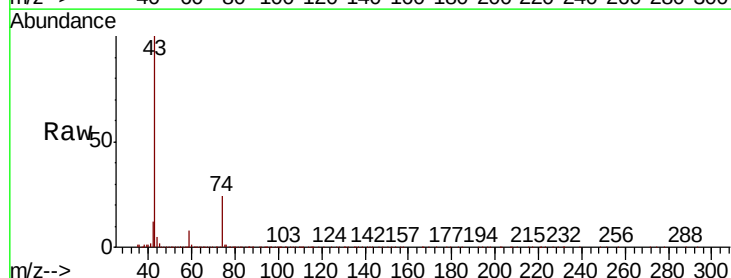
Acq: 11 Jan 2019 15:30

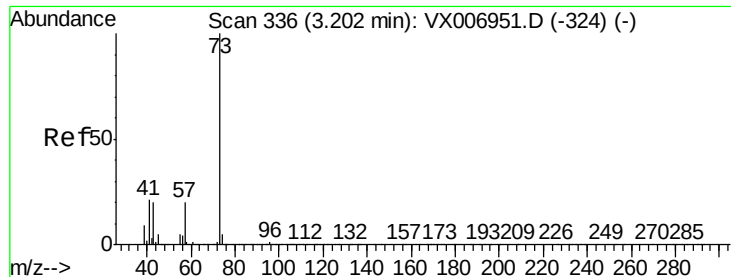
Tgt Ion: 43 Resp: 159233

Ion Ratio Lower Upper

43 100

74 24.0 18.6 28.0





#19

Methyl tert-butyl Ether

Concen: 19.894 ug/l

RT: 3.20 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA_X

ClientSampleId :

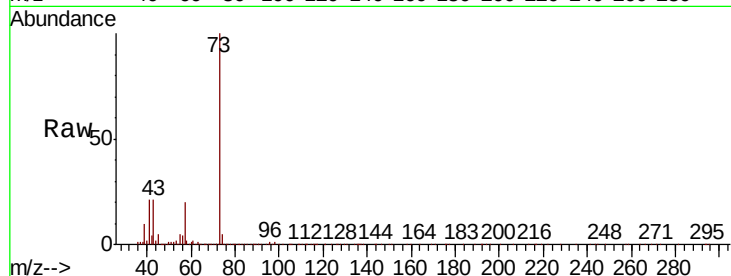
VX0111WBSD01

Tgt Ion: 73 Resp: 345098

Ion Ratio Lower Upper

73 100

57 20.0 16.8 25.2



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

150000

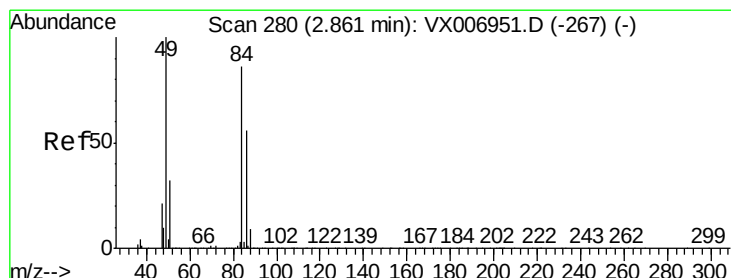
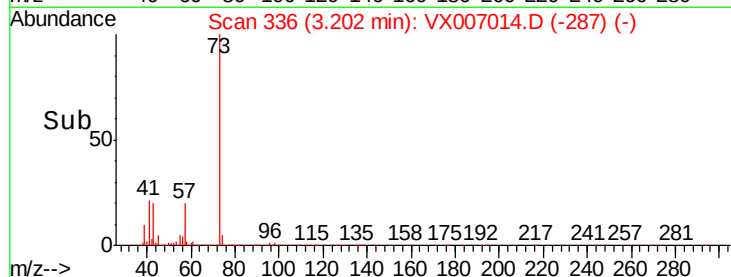
100000

50000

0

3.10 3.20 3.30

Time-->



#20

Methylene Chloride

Concen: 20.765 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Tgt Ion: 84 Resp: 112735

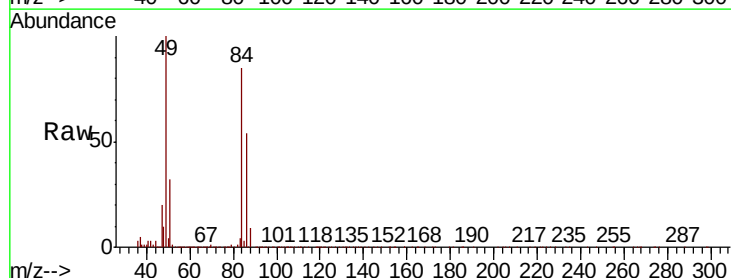
Ion Ratio Lower Upper

84 100

49 117.2 91.8 137.6

51 37.7 28.5 42.7

86 62.7 50.2 75.2



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

100000

80000

60000

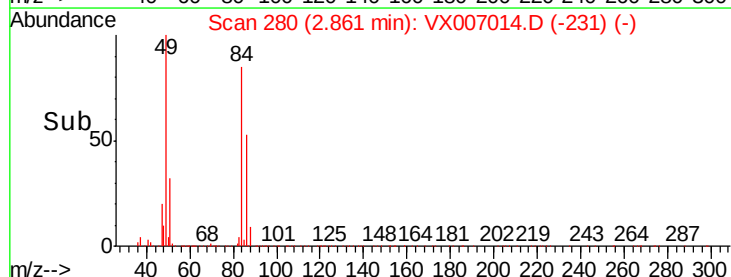
40000

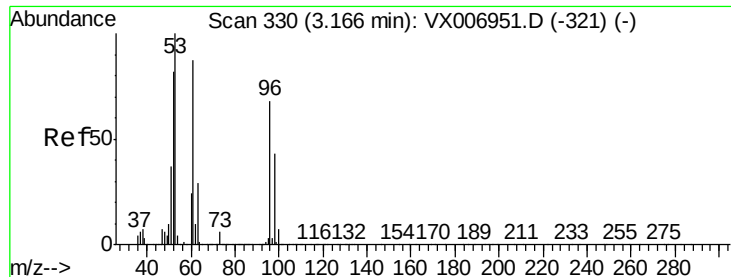
20000

0

2.80 2.90

Time-->





#21

trans-1,2-Dichloroethene

Concen: 18.515 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA_X

ClientSampleId :

VX0111WBSD01

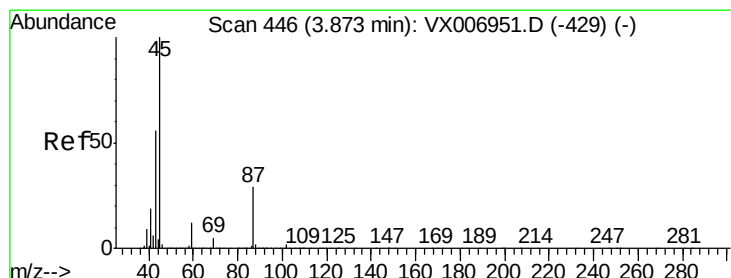
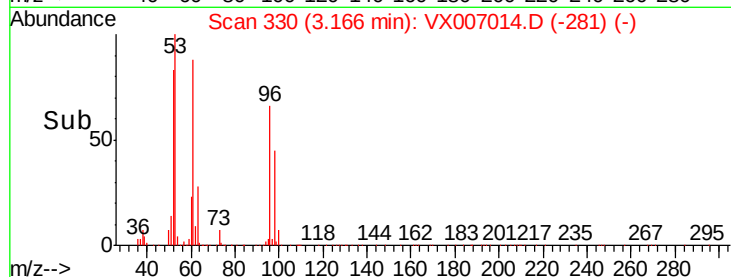
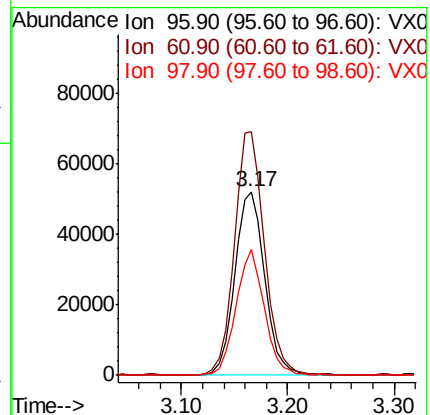
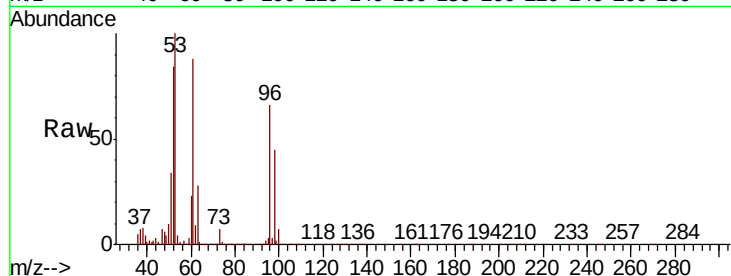
Tgt Ion: 96 Resp: 103121

Ion Ratio Lower Upper

96 100

61 132.2 103.7 155.5

98 68.0 51.0 76.6



#22

Diisopropyl ether

Concen: 19.395 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Tgt Ion: 45 Resp: 312319

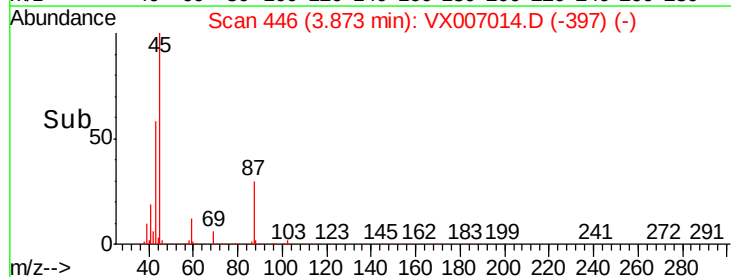
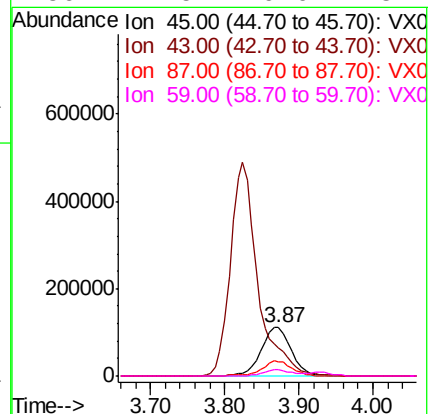
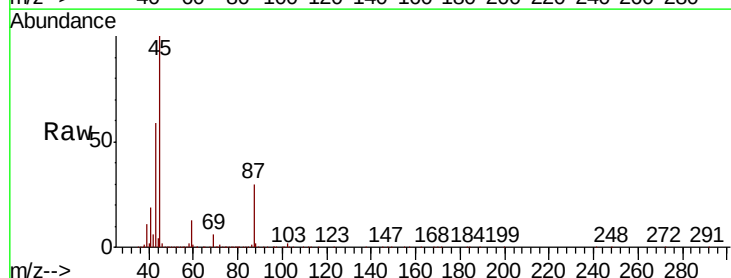
Ion Ratio Lower Upper

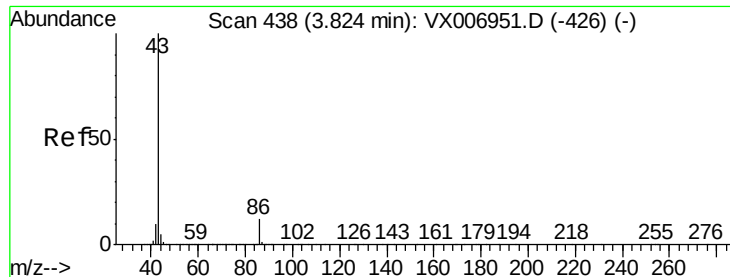
45 100

43 58.3 51.2 76.8

87 29.7 25.8 38.6

59 12.5 9.0 13.4





#23

Vinyl Acetate

Concen: 93.221 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA_X

ClientSampleId :

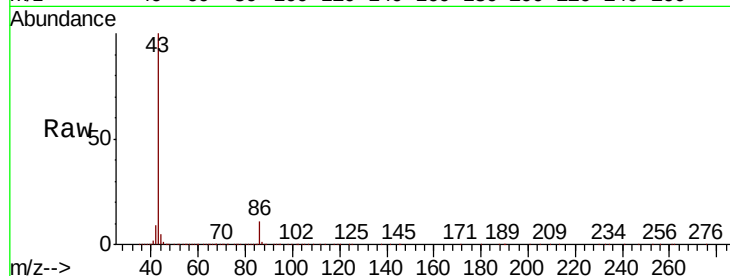
VX0111WBSD01

Tgt Ion: 43 Resp: 1265947

Ion Ratio Lower Upper

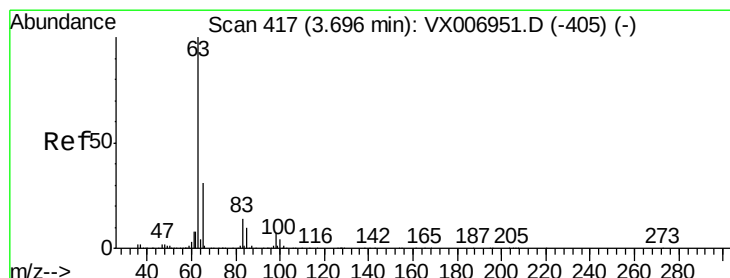
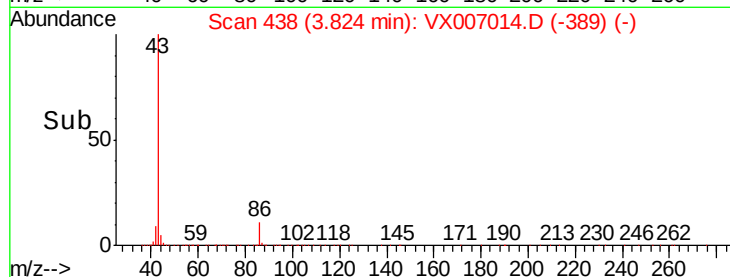
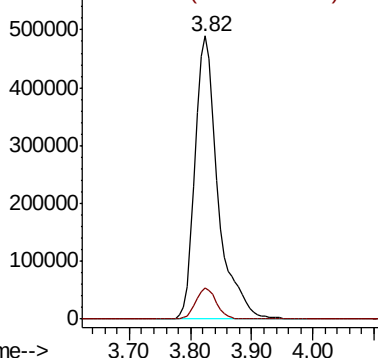
43 100

86 11.2 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.189 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

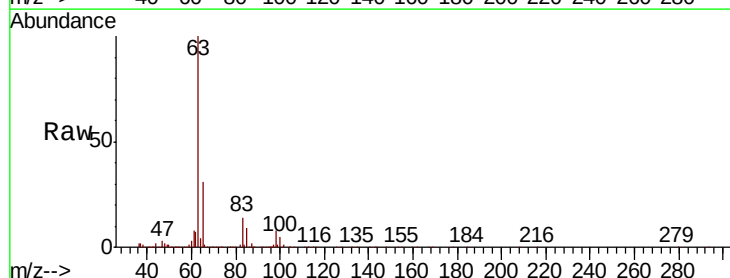
Tgt Ion: 63 Resp: 172787

Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.5

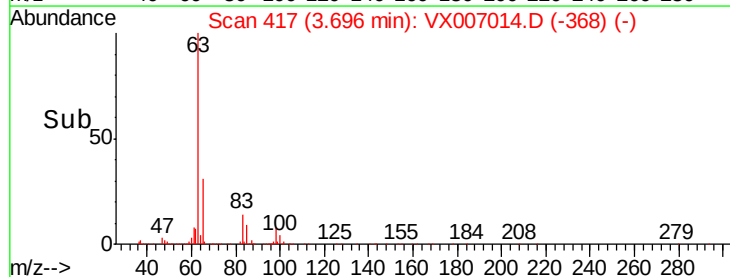
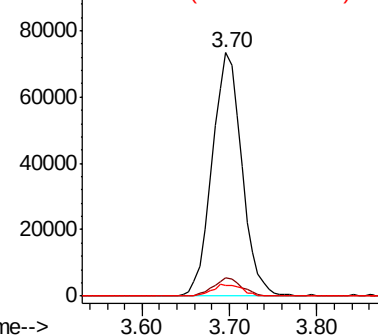
100 4.5 2.4 7.2

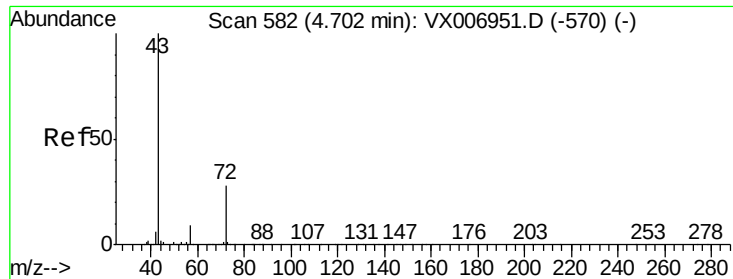


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 97.886 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA_X

ClientSampleId :

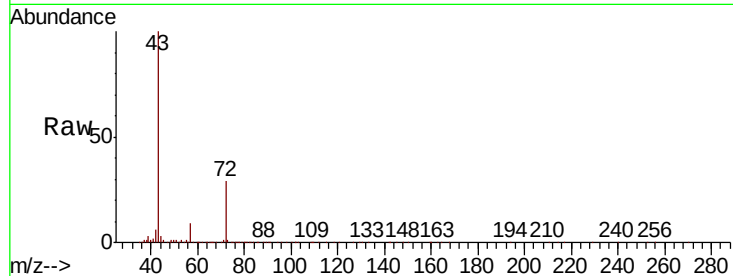
VX0111WBSD01

Tgt Ion: 43 Resp: 393510

Ion Ratio Lower Upper

43 100

72 28.9 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

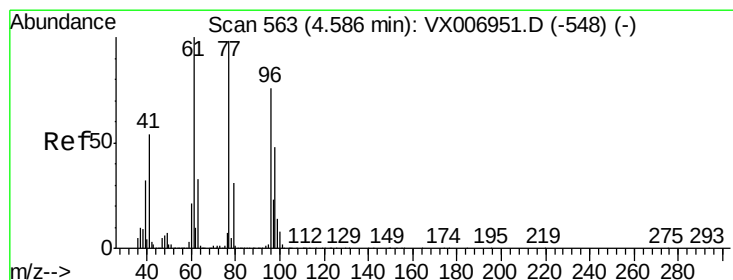
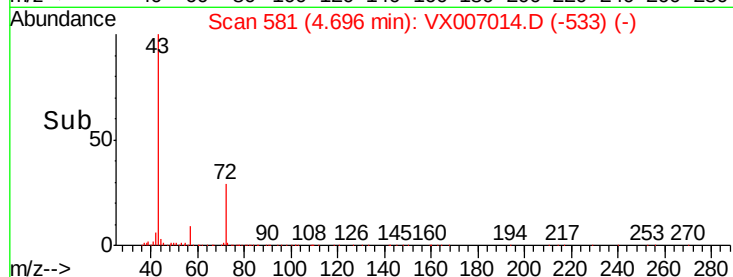
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 16.742 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007014.D

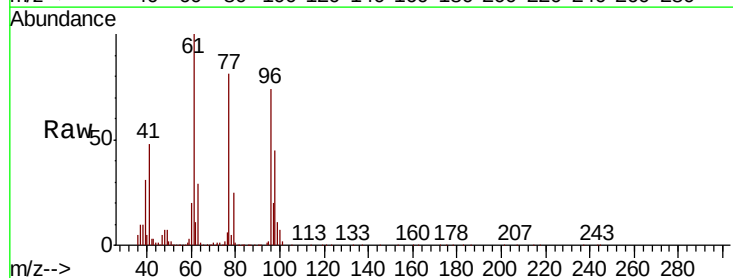
Acq: 11 Jan 2019 15:30

Tgt Ion: 77 Resp: 115919

Ion Ratio Lower Upper

77 100

97 25.8 12.4 37.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

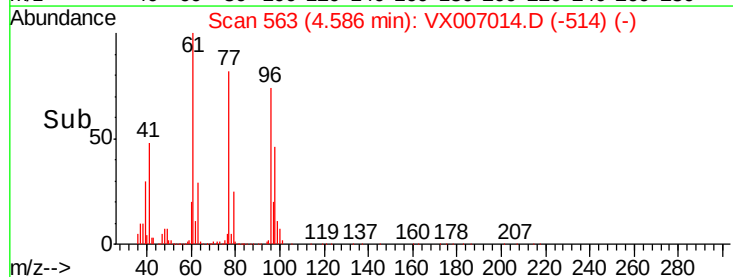
20000

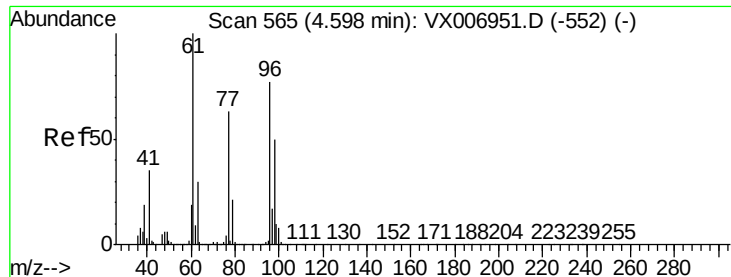
10000

0

4.50 4.60 4.70

Time-->



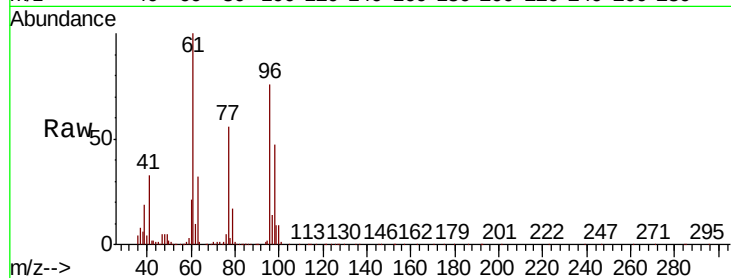


#27

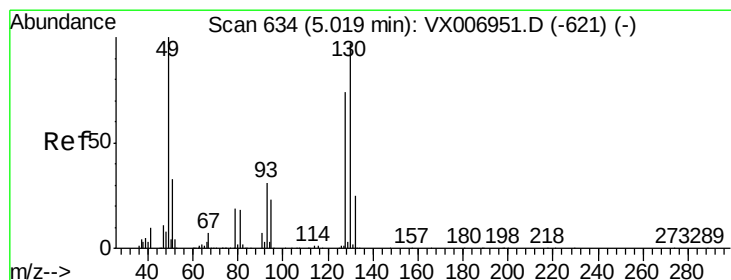
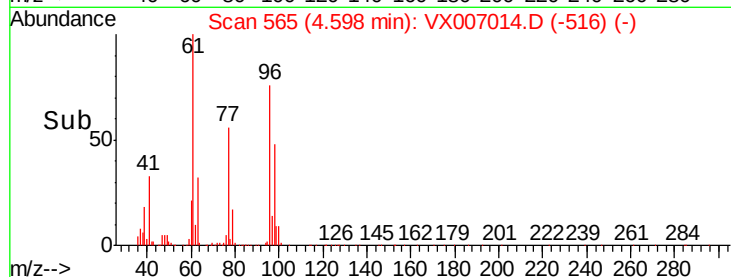
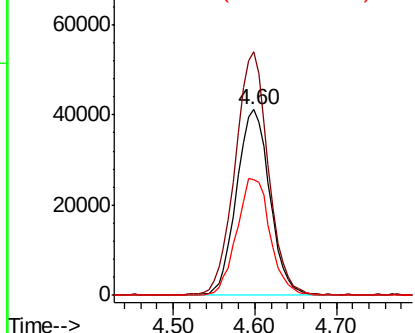
cis-1,2-Dichloroethene
 Concen: 19.017 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX007014.D
 Acq: 11 Jan 2019 15:30

Instrument :
 MSVOA_X
 ClientSampled :
 VX0111WBSD01

Tgt Ion: 96 Resp: 116827
 Ion Ratio Lower Upper
 96 100
 61 130.8 0.0 258.6
 98 63.4 0.0 132.0



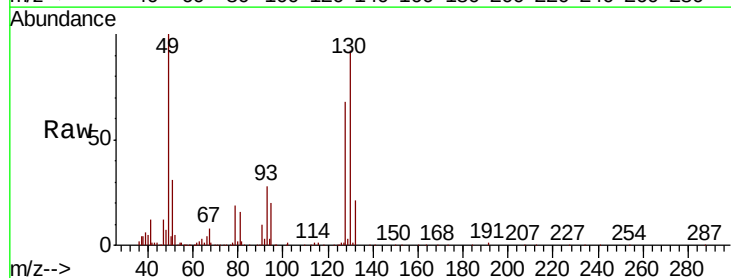
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



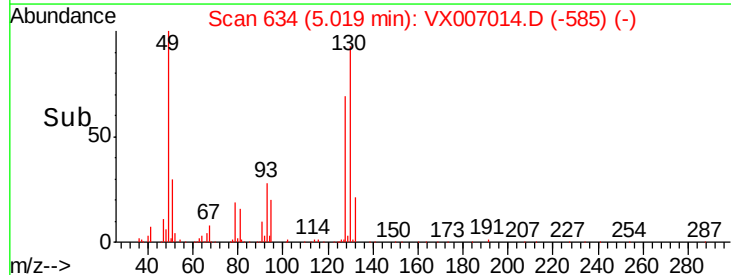
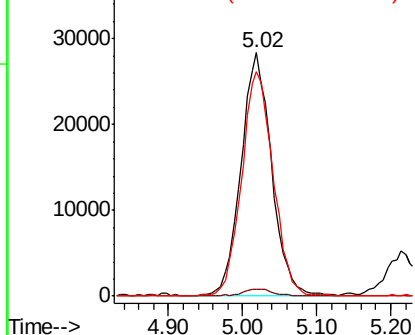
#28

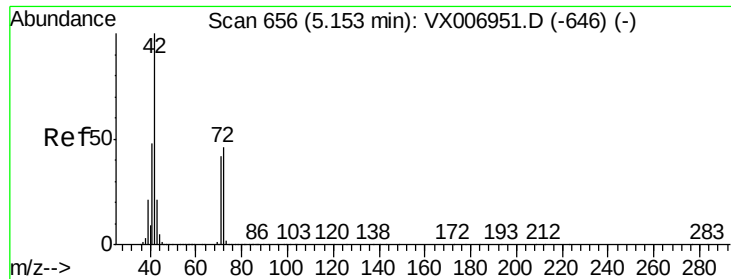
Bromochloromethane
 Concen: 20.819 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX007014.D
 Acq: 11 Jan 2019 15:30

Tgt Ion: 49 Resp: 82133
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 5.4
 130 94.7 77.7 116.5



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

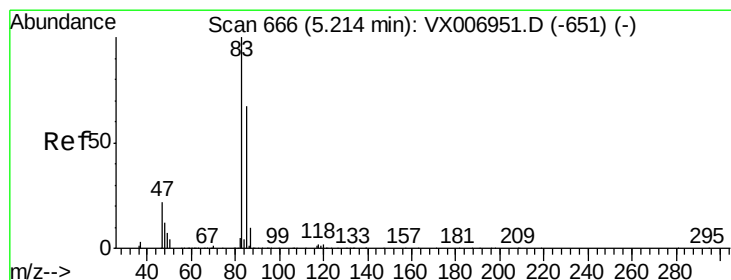
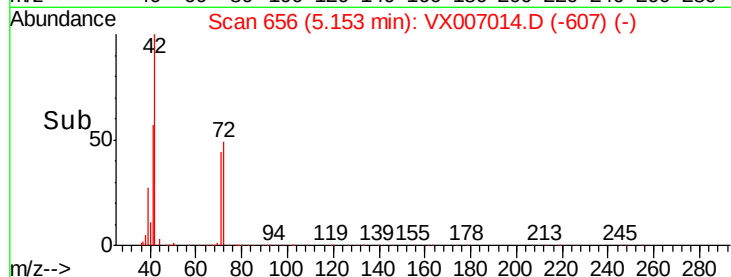
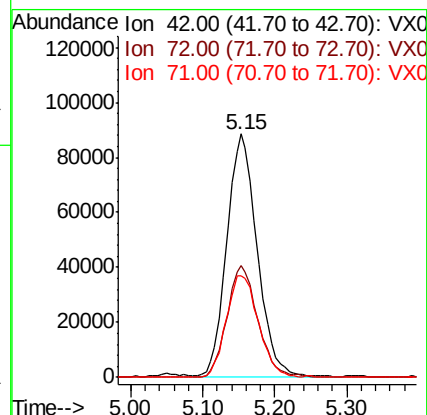
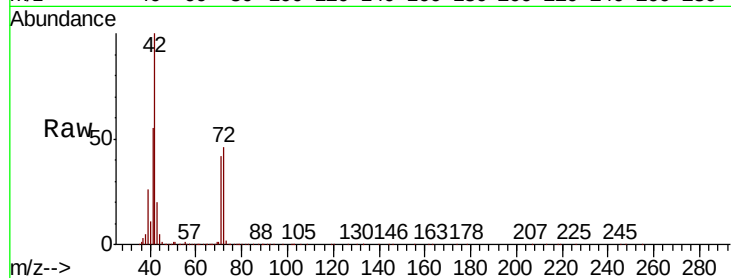




#29
Tetrahydrofuran
Concen: 98.602 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX007014.D
Acq: 11 Jan 2019 15:30

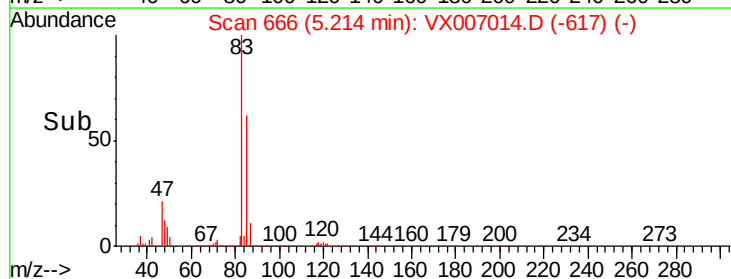
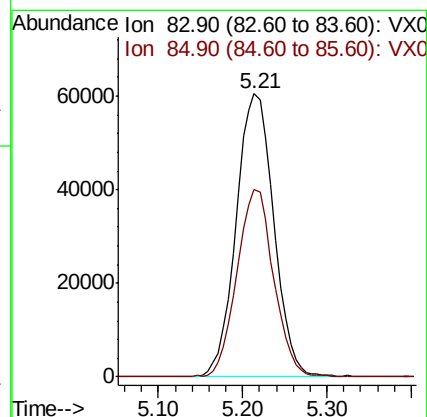
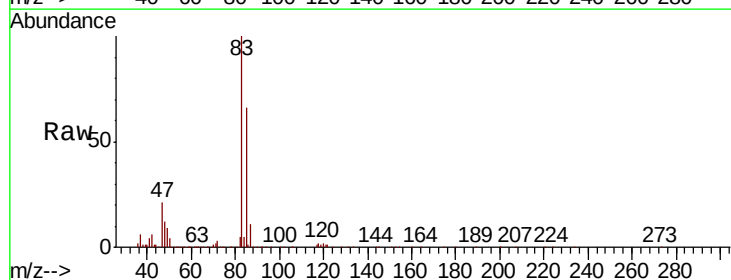
Instrument :
MSVOA_X
ClientSampleId :
VX0111WBSD01

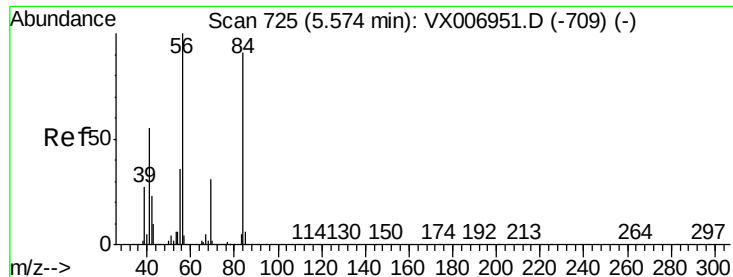
Tgt Ion	Ratio	Lower	Upper
42	100		
72	47.1	38.9	58.3
71	44.1	36.2	54.4



#30
Chloroform
Concen: 19.298 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007014.D
Acq: 11 Jan 2019 15:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.2	51.2	76.8





#31

Cyclohexane

Concen: 19.184 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA_X

ClientSampleId :

VX0111WBSD01

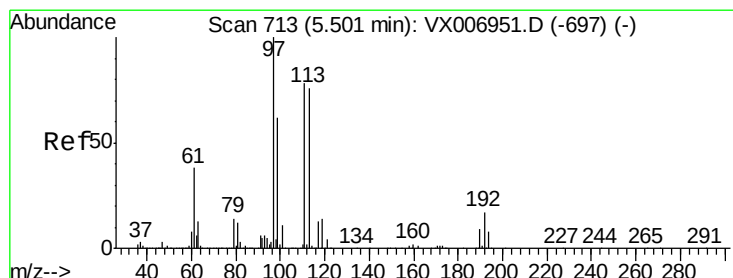
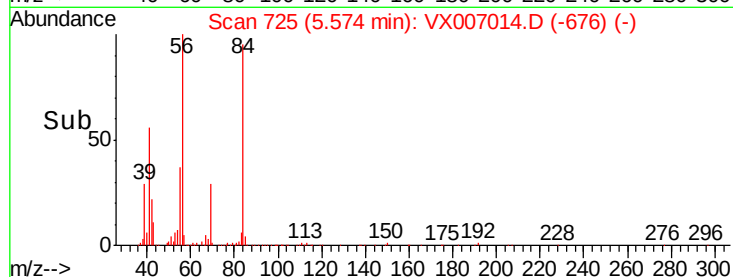
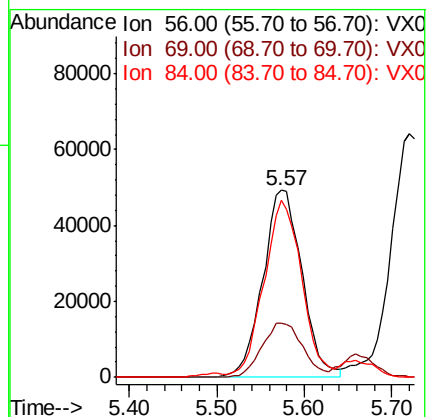
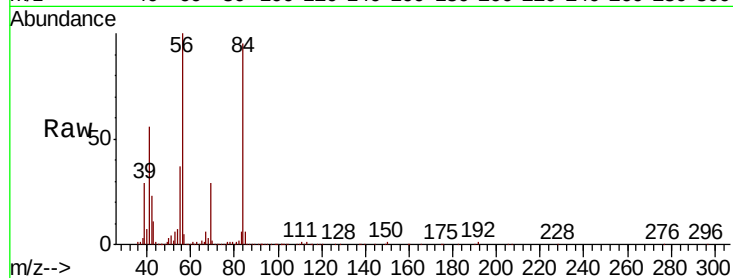
Tgt Ion: 56 Resp: 153742

Ion Ratio Lower Upper

56 100

69 28.6 24.4 36.6

84 94.1 70.0 105.0



#32

1,1,1-Trichloroethane

Concen: 19.112 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

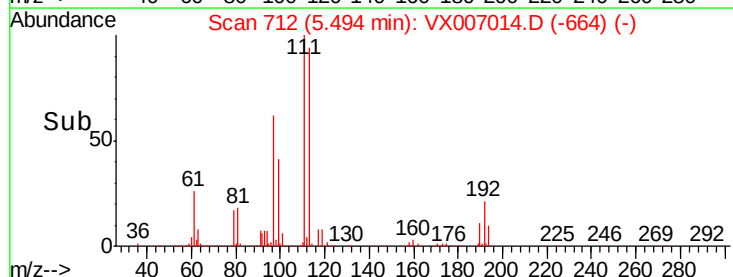
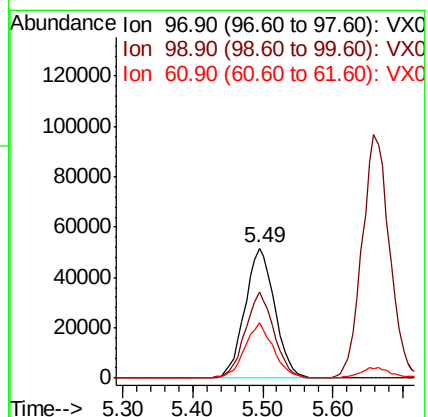
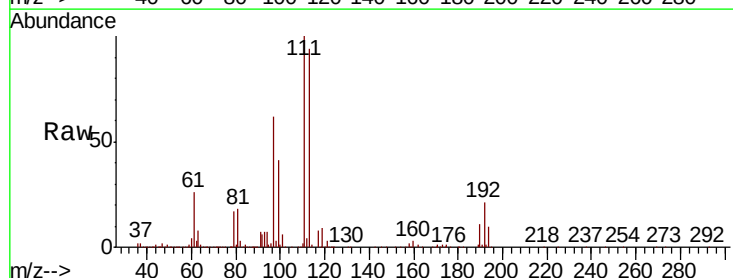
Tgt Ion: 97 Resp: 152721

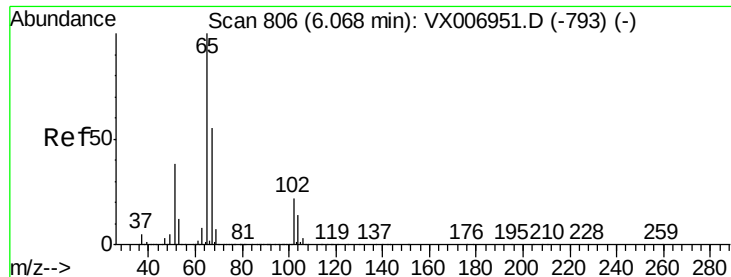
Ion Ratio Lower Upper

97 100

99 63.9 51.7 77.5

61 40.8 31.3 46.9

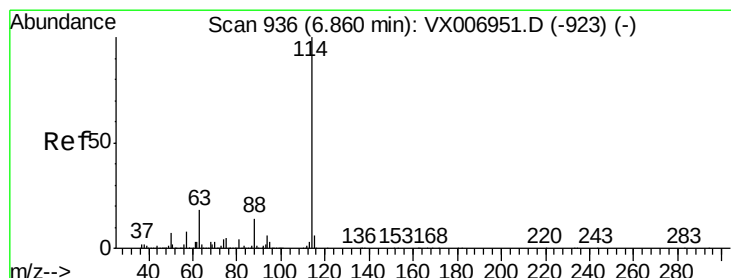
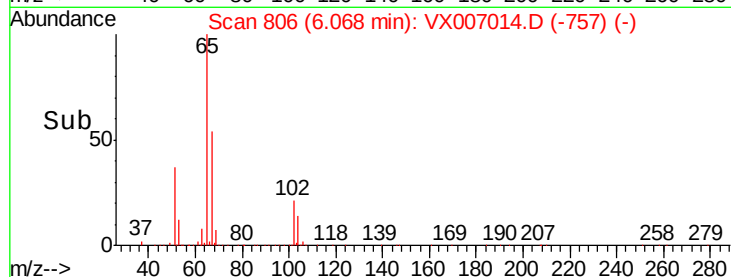
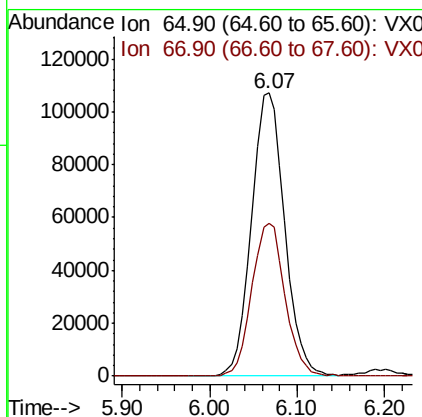
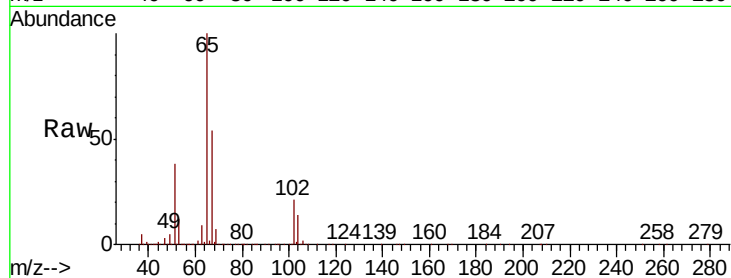




#33
 1,2-Dichloroethane-d4
 Concen: 49.621 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007014.D
 Acq: 11 Jan 2019 15:30

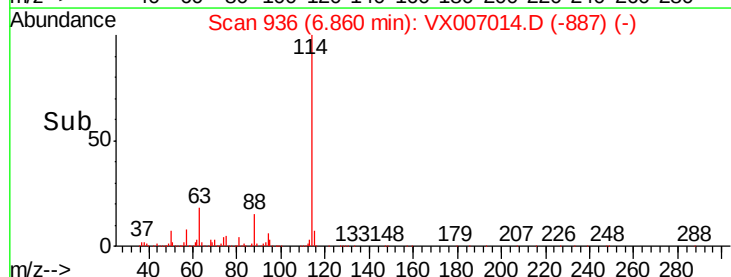
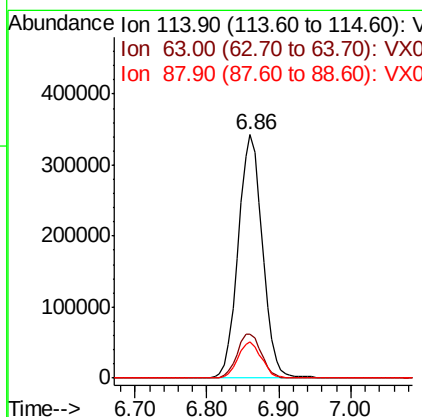
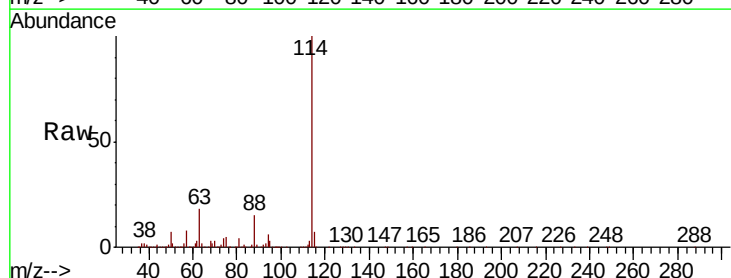
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0111WBSD01

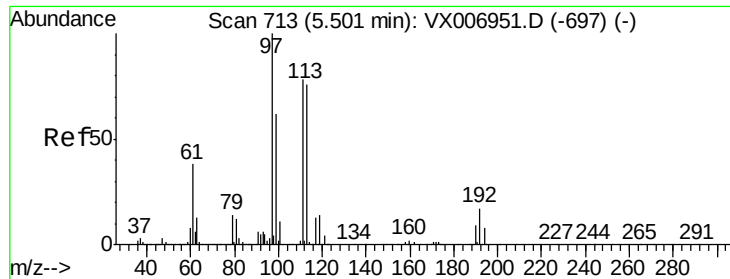
Tgt Ion: 65 Resp: 282002
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007014.D
 Acq: 11 Jan 2019 15:30

Tgt Ion: 114 Resp: 800276
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 34.8
 88 14.8 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.331 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA_X

ClientSampleId :

VX0111WBSD01

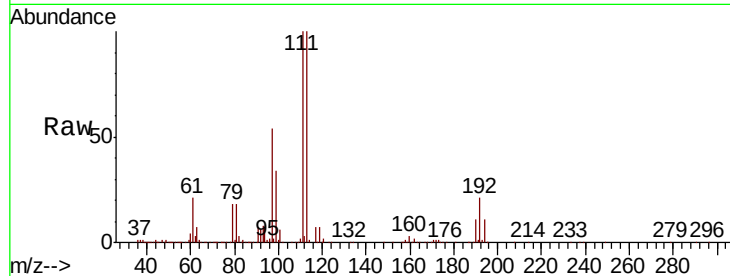
Tgt Ion:113 Resp: 247695

Ion Ratio Lower Upper

113 100

111 102.9 81.6 122.4

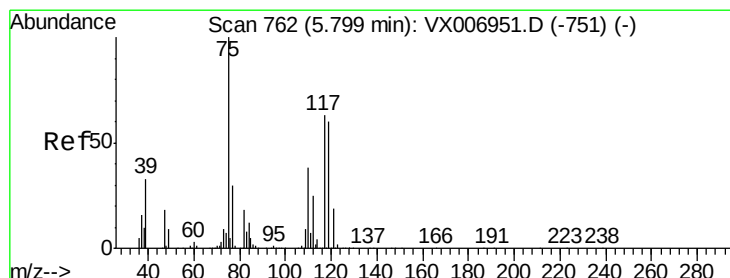
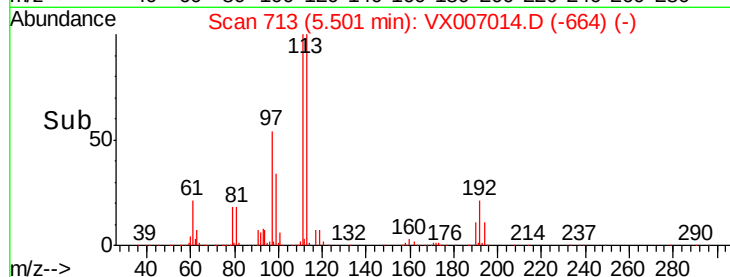
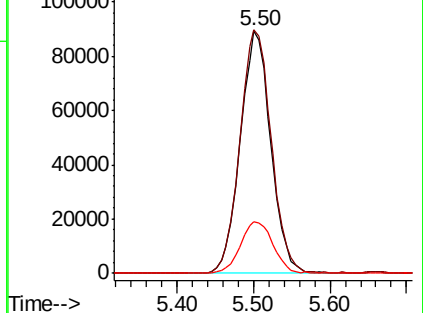
192 22.8 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.921 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

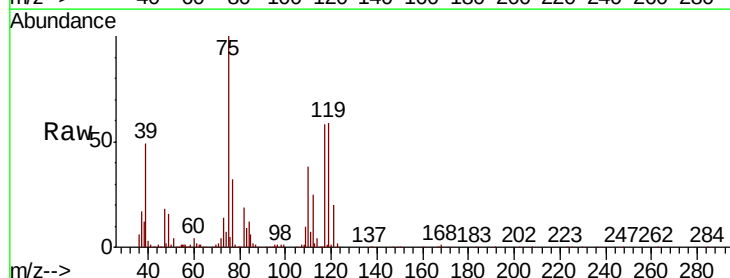
Tgt Ion: 75 Resp: 131644

Ion Ratio Lower Upper

75 100

110 40.9 20.2 60.5

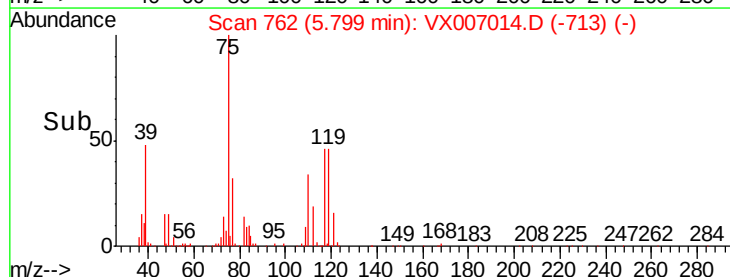
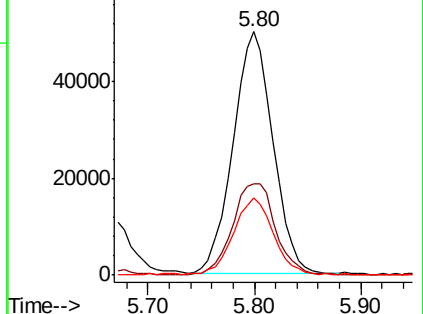
77 32.2 24.8 37.2

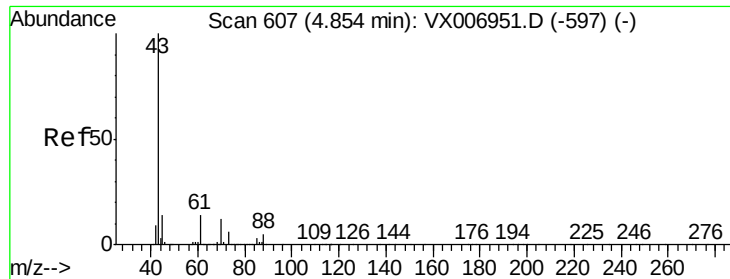


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

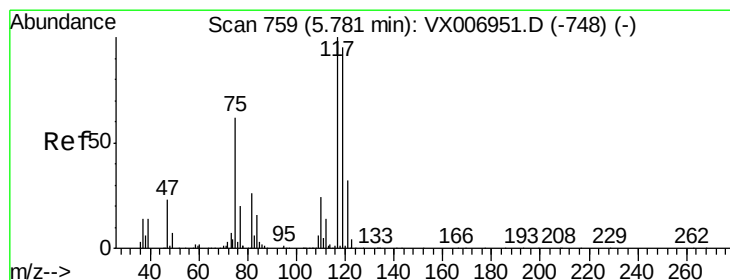
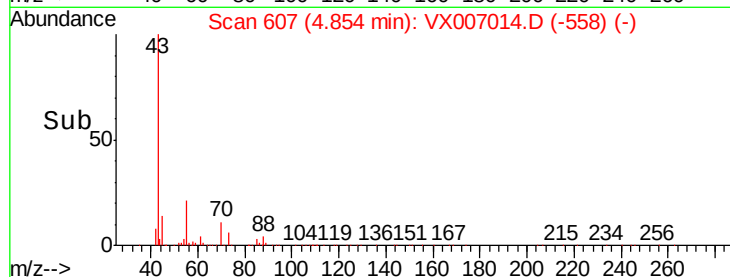
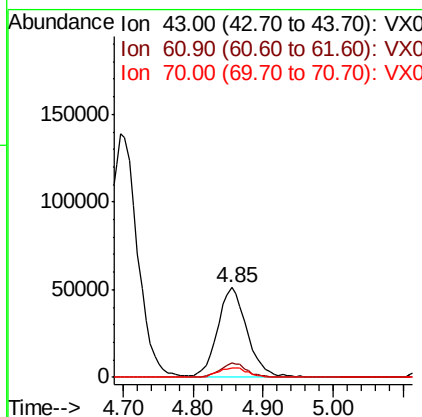
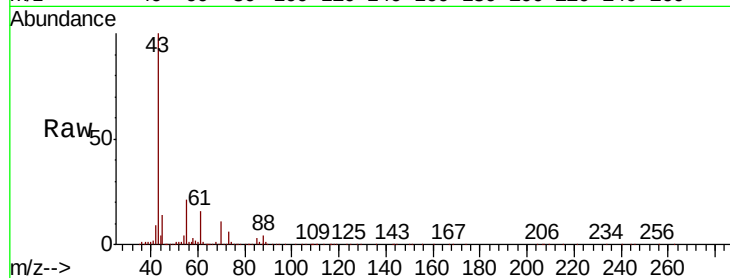




#37
Ethyl Acetate
Concen: 19.916 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007014.D
Acq: 11 Jan 2019 15:30

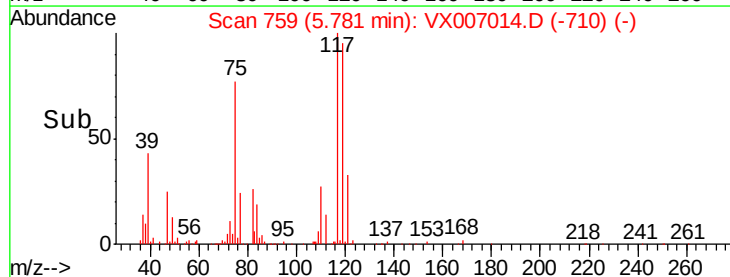
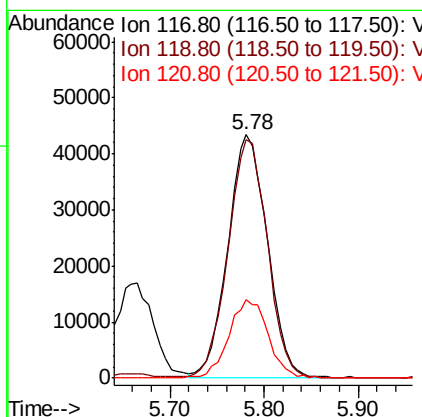
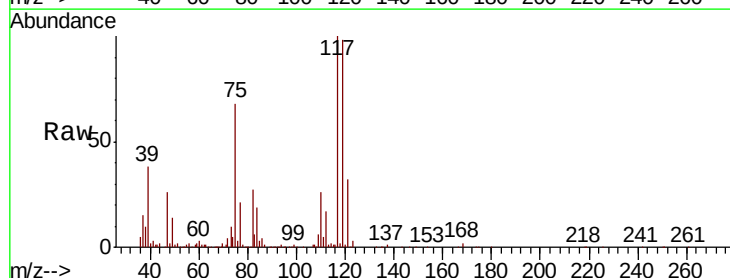
Instrument :
MSVOA_X
ClientSampled :
VX0111WBSD01

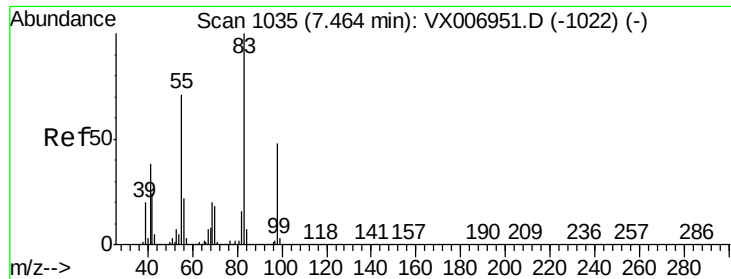
Tgt Ion: 43 Resp: 148557
Ion Ratio Lower Upper
43 100
61 14.8 11.9 17.9
70 11.4 9.7 14.5



#38
Carbon Tetrachloride
Concen: 18.136 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX007014.D
Acq: 11 Jan 2019 15:30

Tgt Ion: 117 Resp: 126960
Ion Ratio Lower Upper
117 100
119 97.5 79.4 119.2
121 32.3 24.0 36.0

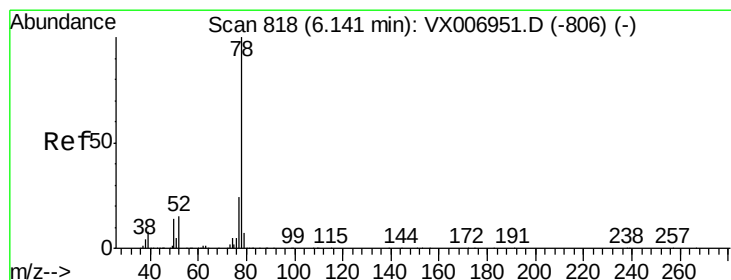
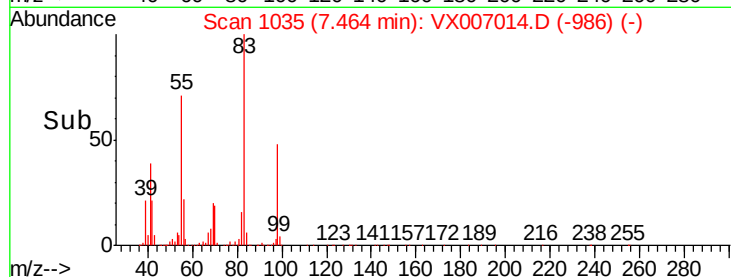
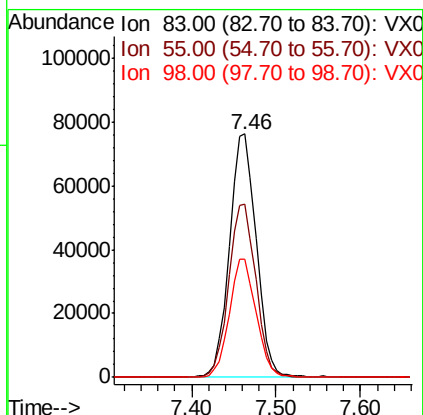
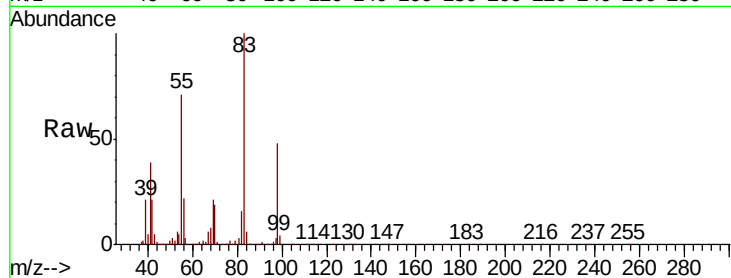




#39
Methylcyclohexane
Concen: 18.617 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007014.D
Acq: 11 Jan 2019 15:30

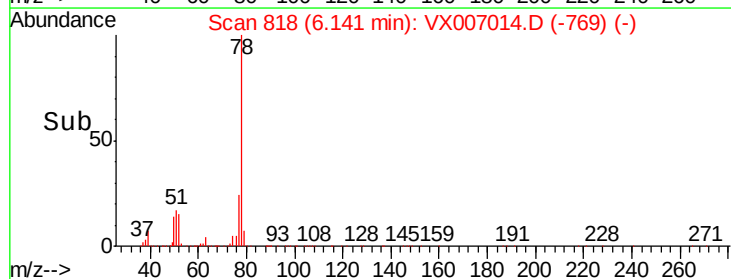
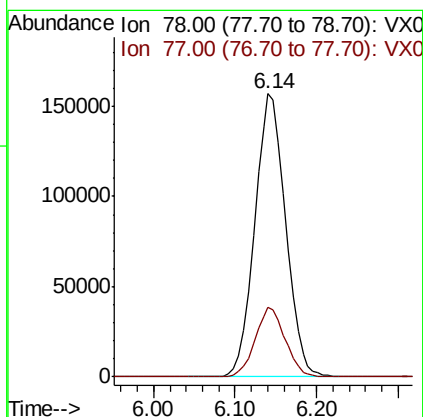
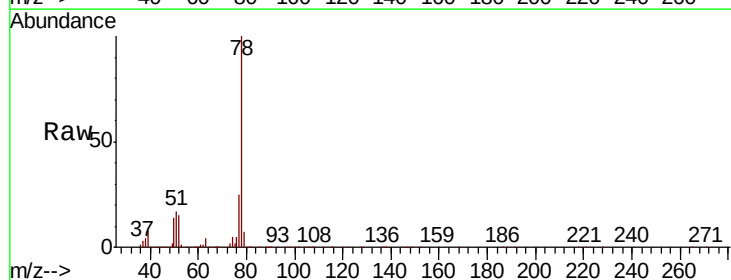
Instrument :
MSVOA_X
ClientSampleId :
VX0111WBSD01

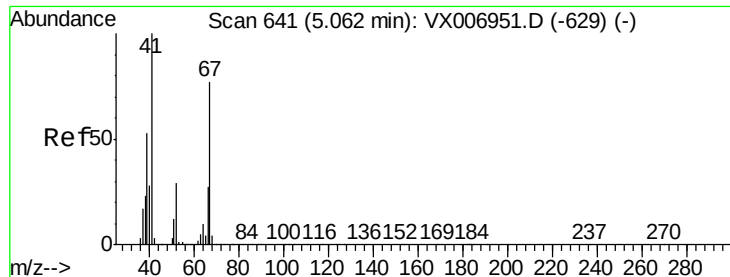
Tgt Ion: 83 Resp: 165134
Ion Ratio Lower Upper
83 100
55 70.9 54.9 82.3
98 48.4 37.9 56.9



#40
Benzene
Concen: 19.500 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007014.D
Acq: 11 Jan 2019 15:30

Tgt Ion: 78 Resp: 413981
Ion Ratio Lower Upper
78 100
77 24.7 19.2 28.8

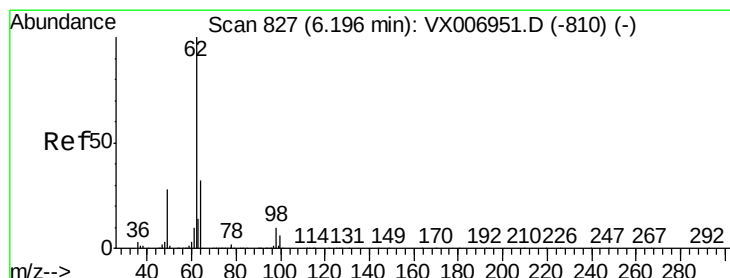
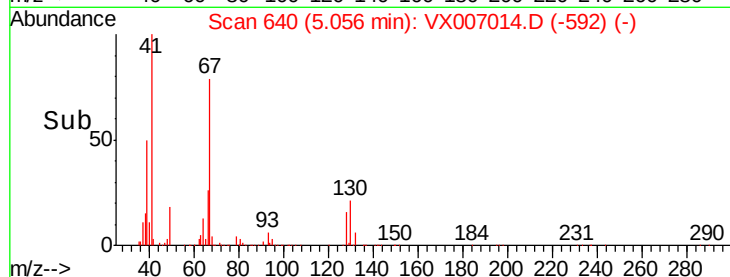
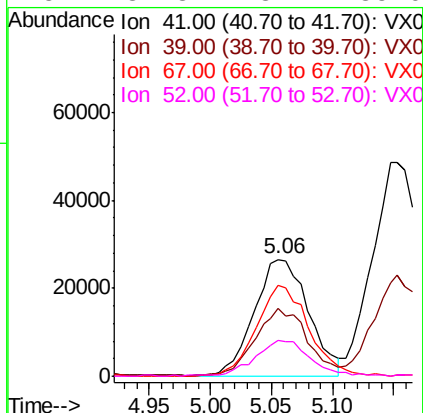
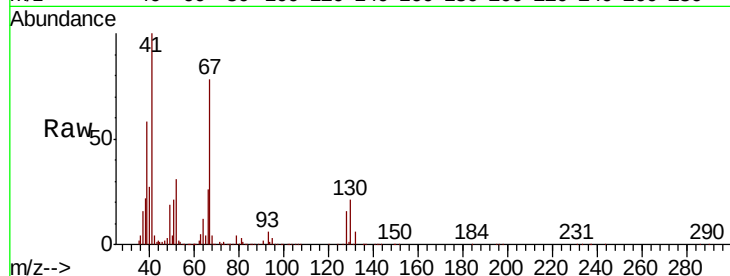




#41
Methacrylonitrile
Concen: 18.949 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX007014.D
Acq: 11 Jan 2019 15:30

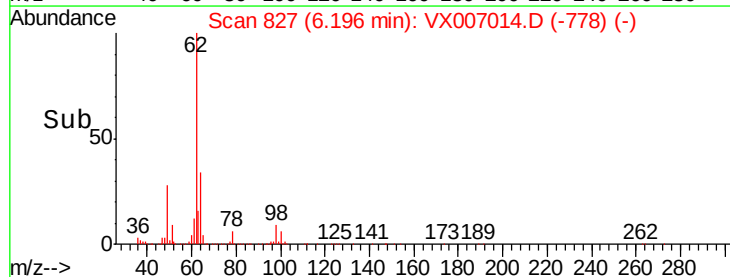
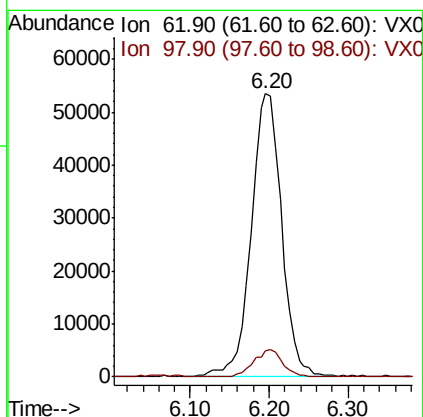
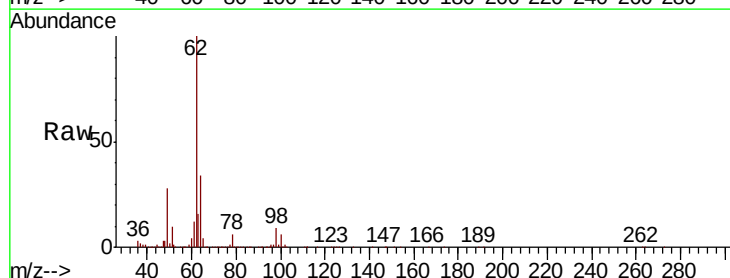
Instrument :
MSVOA_X
ClientSampleId :
VX0111WBSD01

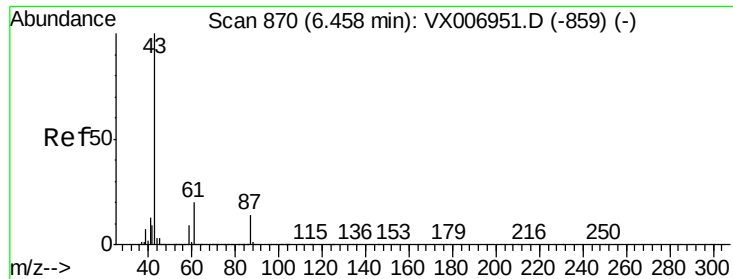
Tgt Ion:	41	Resp:	81428
Ion	Ratio	Lower	Upper
41	100		
39	55.2	42.8	64.2
67	76.6	62.1	93.1
52	31.3	23.4	35.0



#42
1,2-Dichloroethane
Concen: 19.561 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007014.D
Acq: 11 Jan 2019 15:30

Tgt Ion:	62	Resp:	143503
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	20.2





#43

Isopropyl Acetate

Concen: 19.799 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA_X

ClientSampleId :

VX0111WBSD01

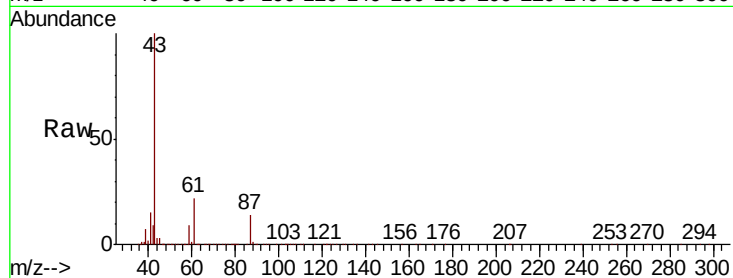
Tgt Ion: 43 Resp: 232958

Ion Ratio Lower Upper

43 100

61 21.2 16.8 25.2

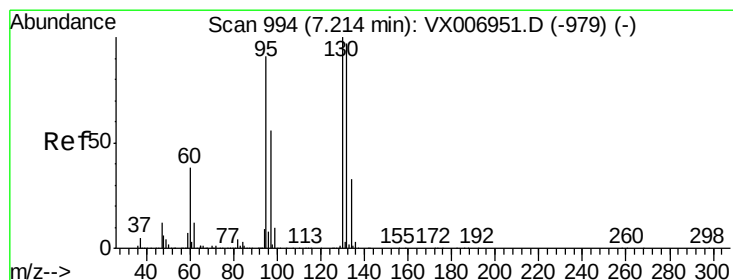
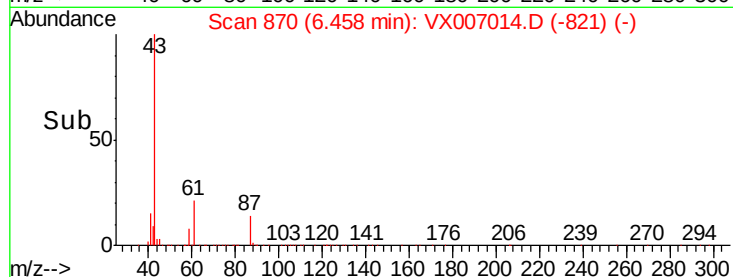
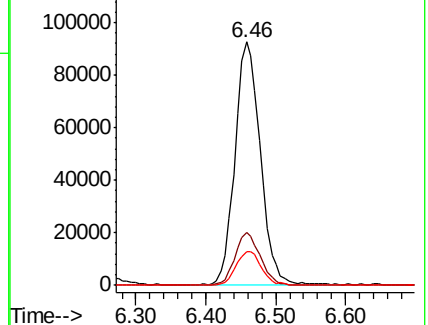
87 14.1 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.644 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX007014.D

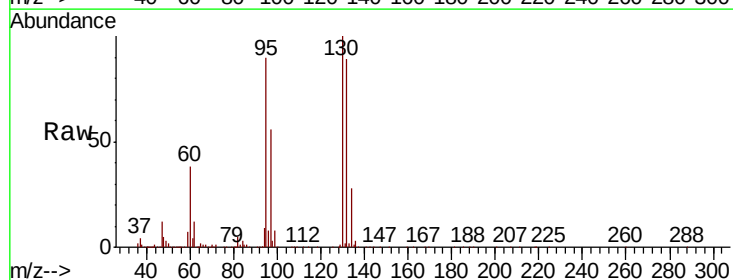
Acq: 11 Jan 2019 15:30

Tgt Ion: 130 Resp: 118613

Ion Ratio Lower Upper

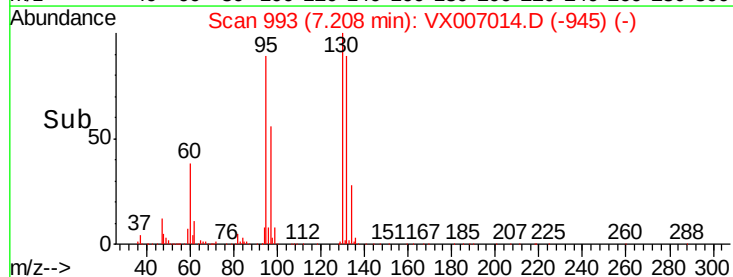
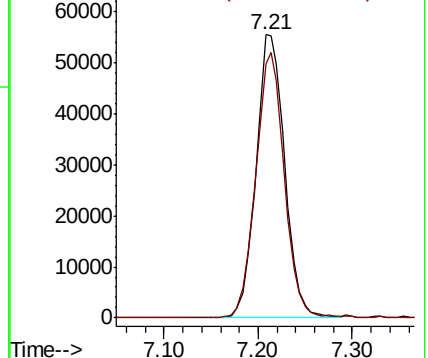
130 100

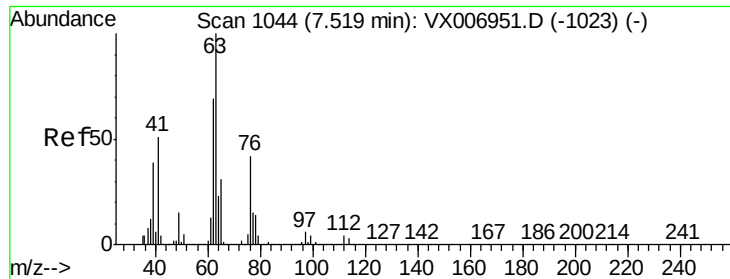
95 89.6 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 18.979 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA_X

ClientSampleId :

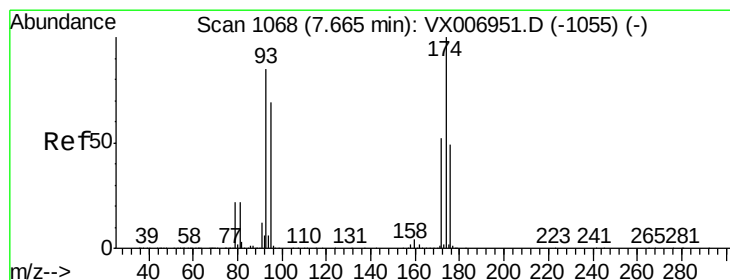
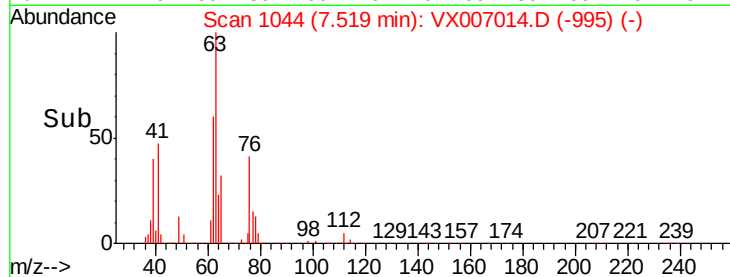
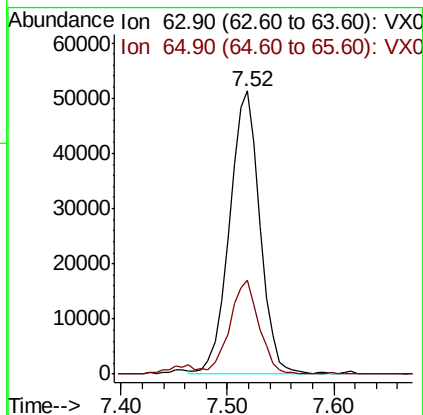
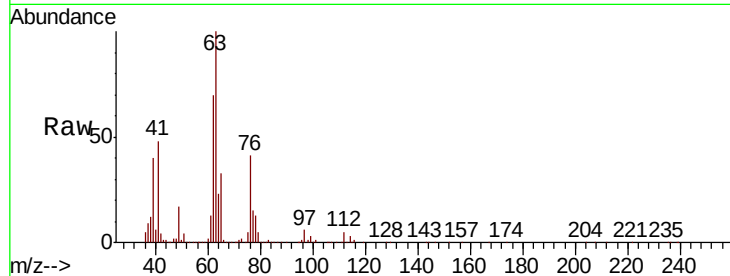
VX0111WBSD01

Tgt Ion: 63 Resp: 101297

Ion Ratio Lower Upper

63 100

65 32.9 25.4 38.0



#46

Dibromomethane

Concen: 19.276 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

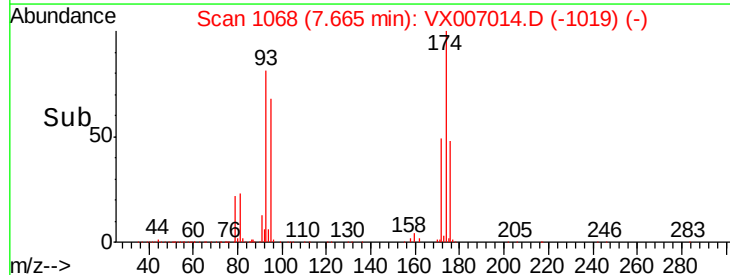
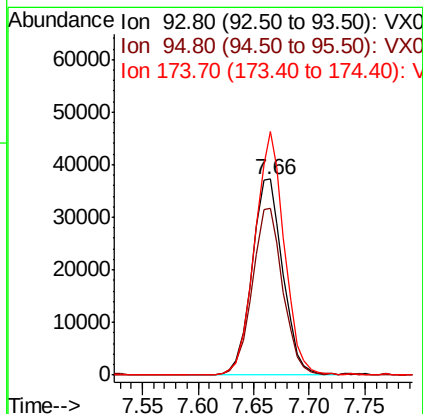
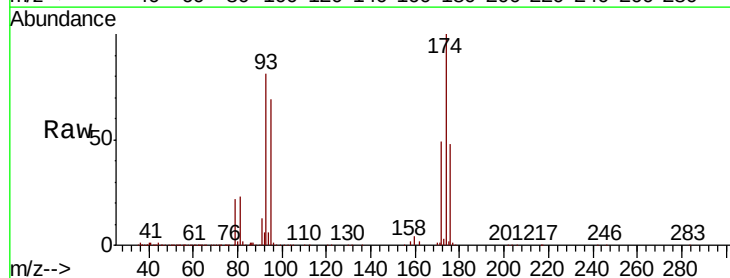
Tgt Ion: 93 Resp: 72306

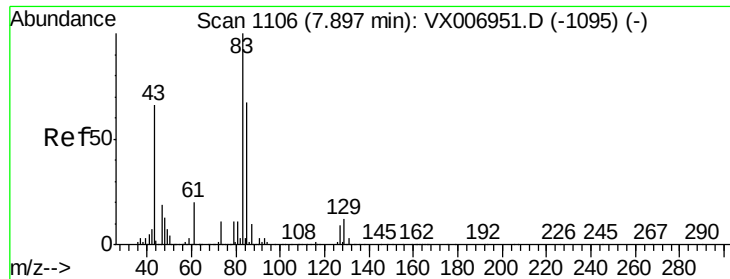
Ion Ratio Lower Upper

93 100

95 83.9 66.2 99.4

174 118.2 91.0 136.4

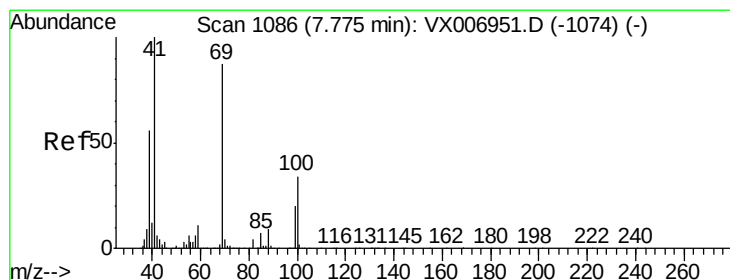
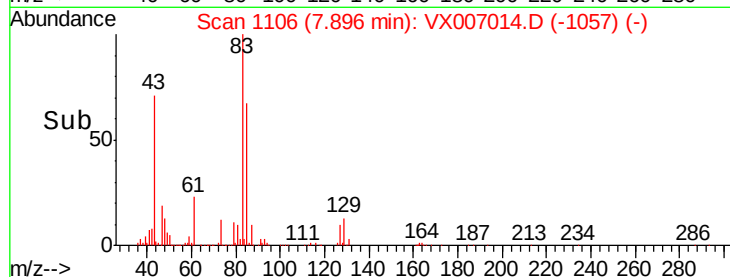
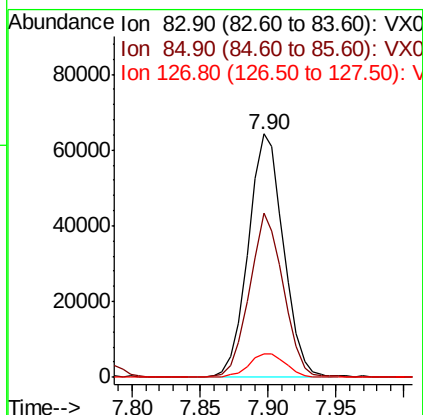
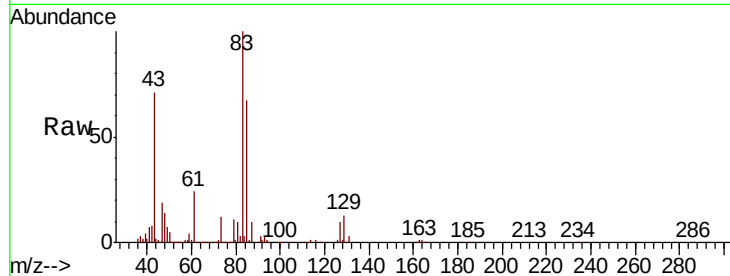




#47
 Bromodichloromethane
 Concen: 18.273 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: VX007014.D
 Acq: 11 Jan 2019 15:30

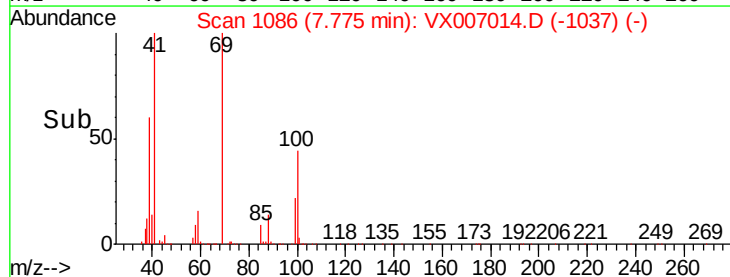
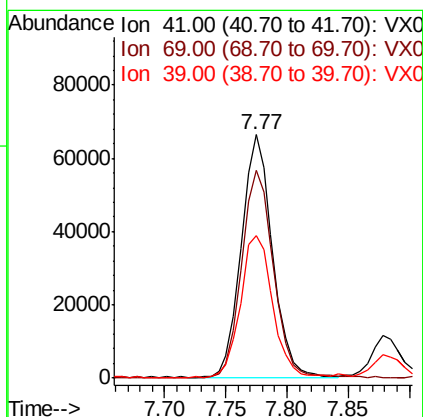
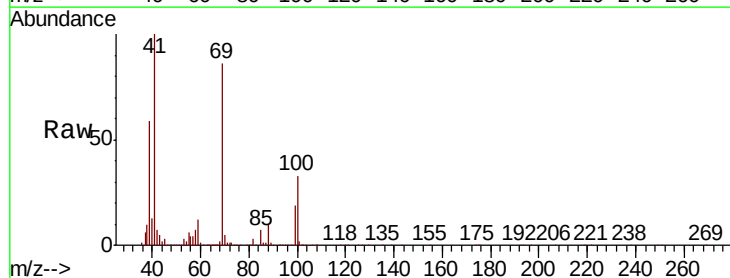
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0111WBSD01

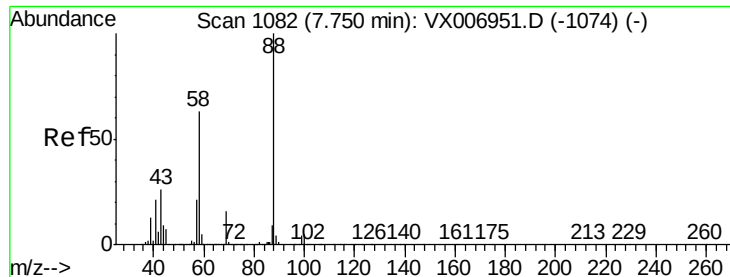
Tgt Ion: 83 Resp: 116672
 Ion Ratio Lower Upper
 83 100
 85 67.5 53.2 79.8
 127 9.6 7.8 11.6



#48
 Methyl methacrylate
 Concen: 19.370 ug/l
 RT: 7.77 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX007014.D
 Acq: 11 Jan 2019 15:30

Tgt Ion: 41 Resp: 117042
 Ion Ratio Lower Upper
 41 100
 69 88.3 72.4 108.6
 39 60.6 45.8 68.8





#49

1,4-Dioxane

Concen: 402.341 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA_X

ClientSampleId :

VX0111WBSD01

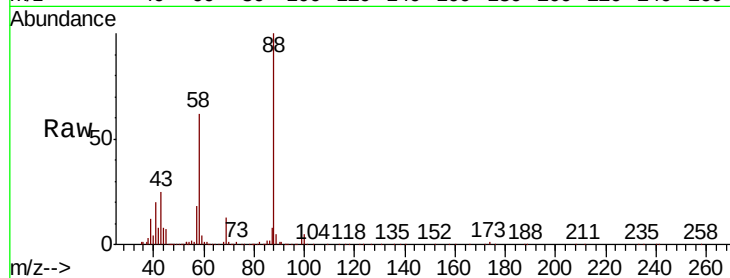
Tgt Ion: 88 Resp: 56226

Ion Ratio Lower Upper

88 100

43 29.3 22.2 33.4

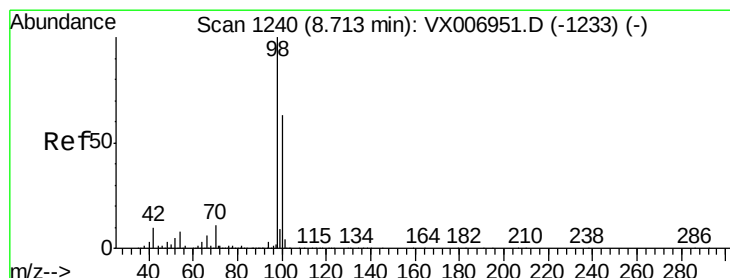
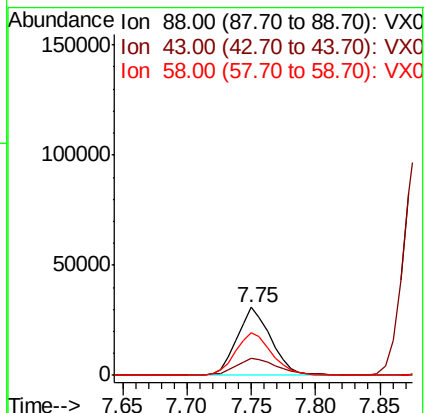
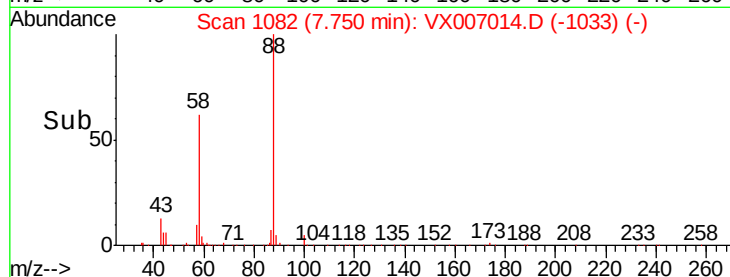
58 65.9 51.0 76.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.569 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007014.D

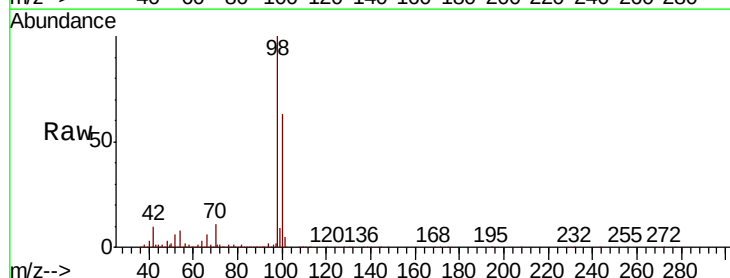
Acq: 11 Jan 2019 15:30

Tgt Ion: 98 Resp: 929856

Ion Ratio Lower Upper

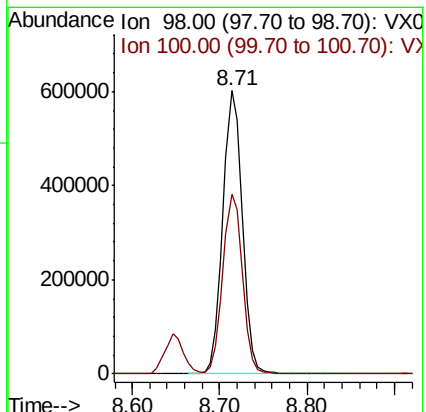
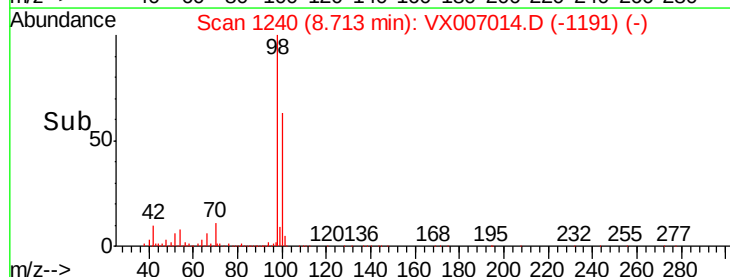
98 100

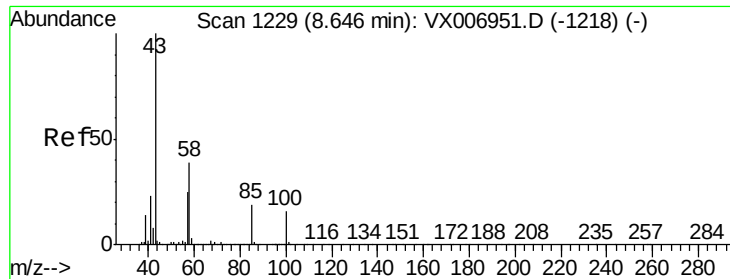
100 63.9 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

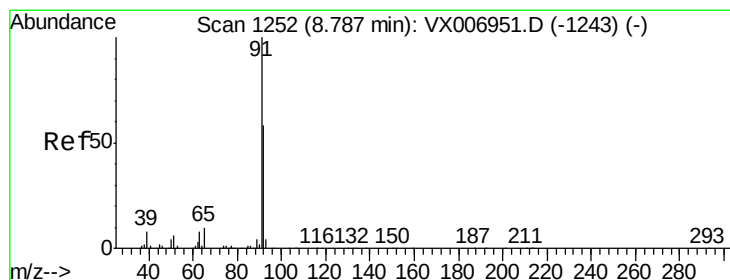
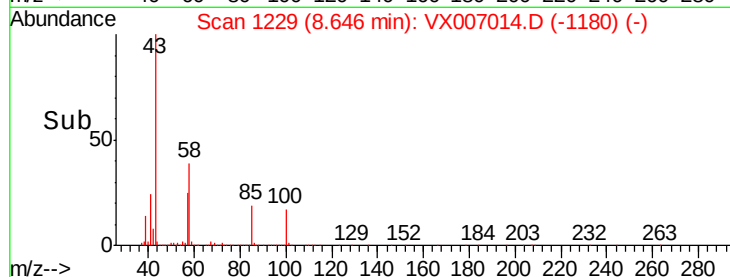
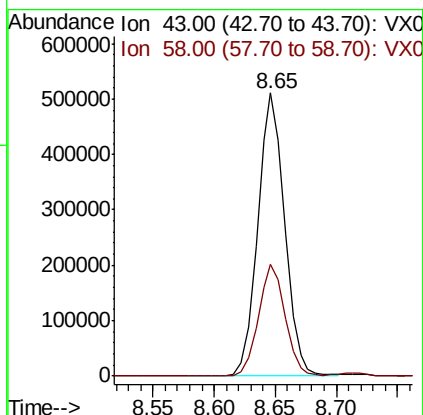
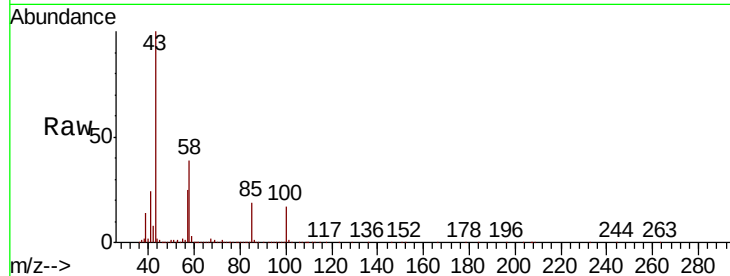




#51
 4-Methyl-2-Pentanone
 Concen: 103.674 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VX007014.D
 Acq: 11 Jan 2019 15:30

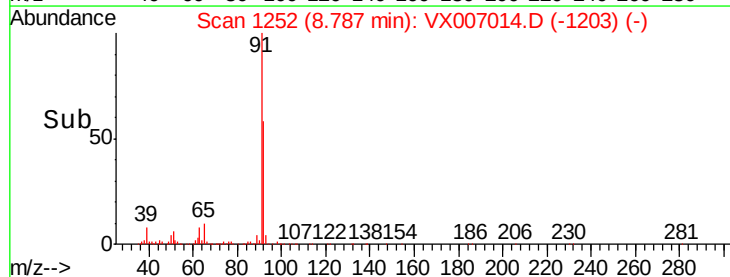
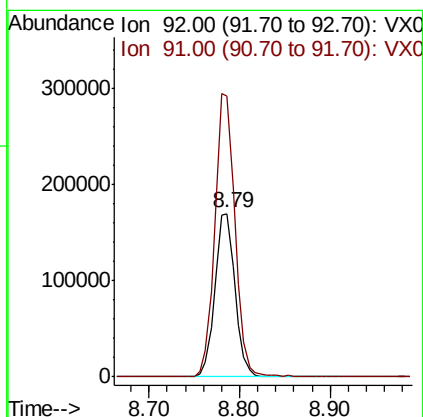
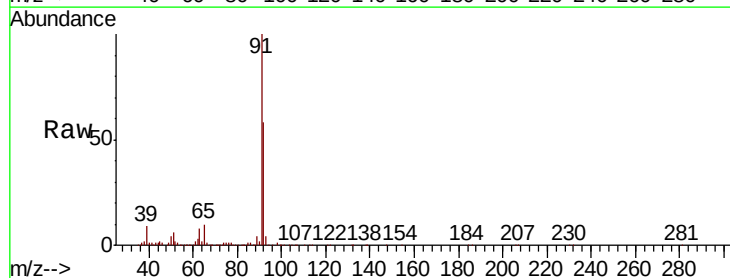
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0111WBSD01

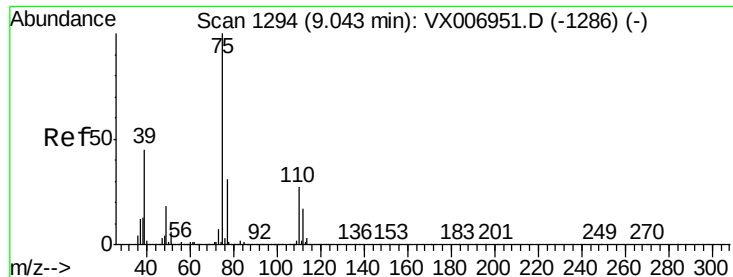
Tgt Ion: 43 Resp: 783938
 Ion Ratio Lower Upper
 43 100
 58 39.1 31.8 47.6



#52
 Toluene
 Concen: 19.537 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX007014.D
 Acq: 11 Jan 2019 15:30

Tgt Ion: 92 Resp: 266592
 Ion Ratio Lower Upper
 92 100
 91 173.1 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 17.797 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA_X

ClientSampleId :

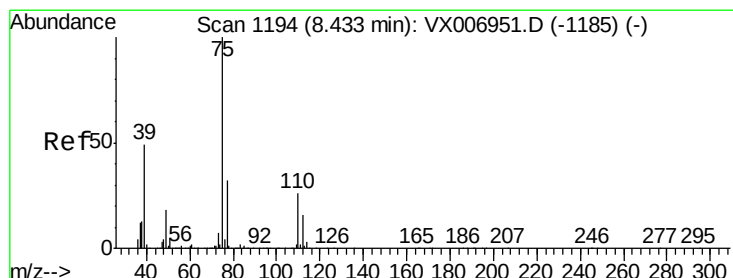
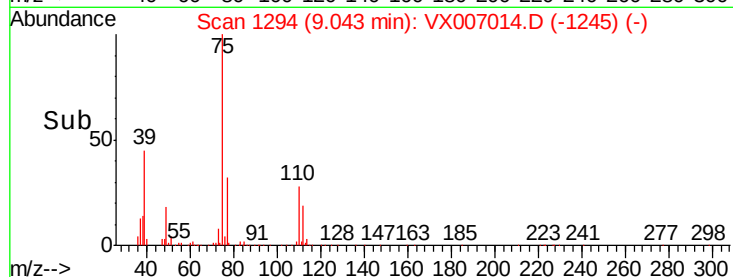
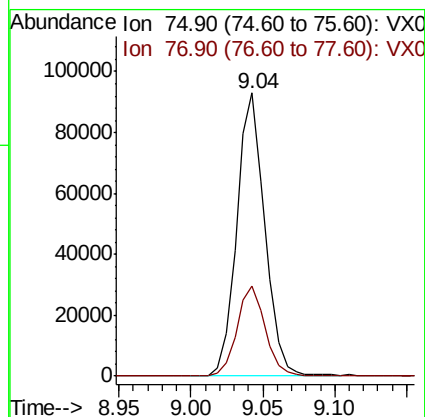
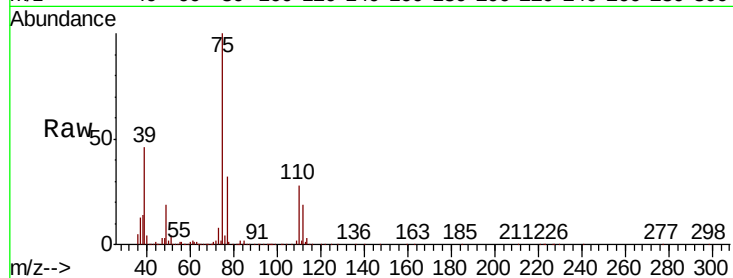
VX0111WBSD01

Tgt Ion: 75 Resp: 126002

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 18.397 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

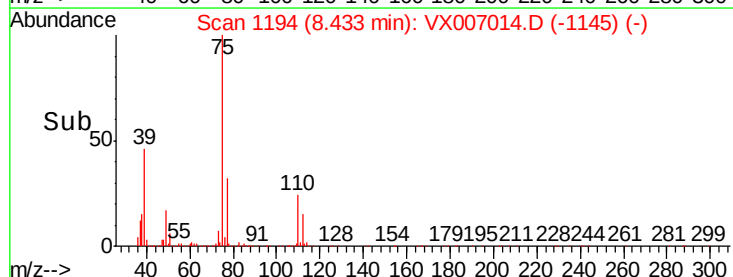
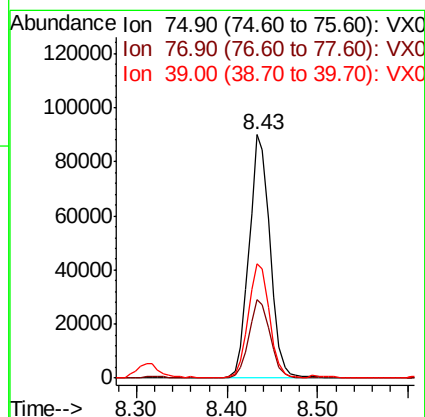
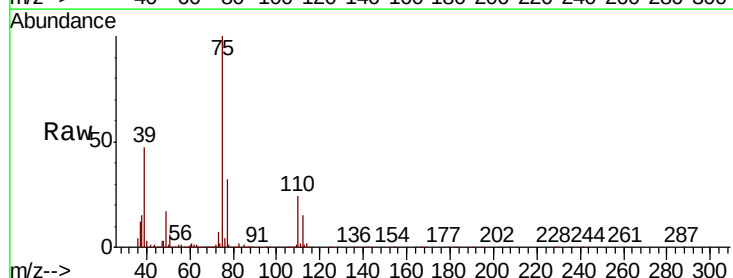
Tgt Ion: 75 Resp: 143841

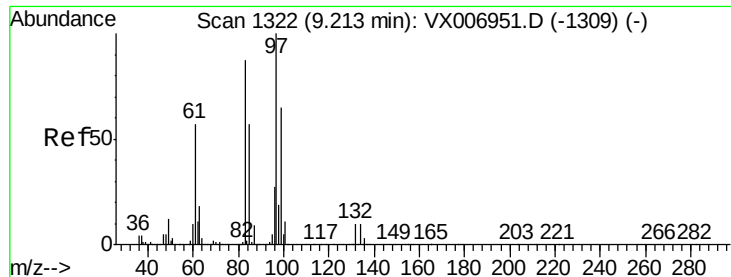
Ion Ratio Lower Upper

75 100

77 32.2 26.2 39.2

39 46.6 36.7 55.1

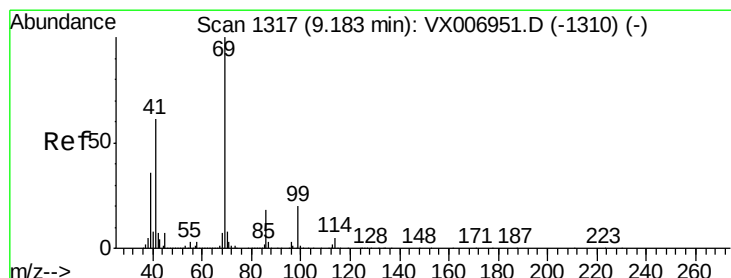
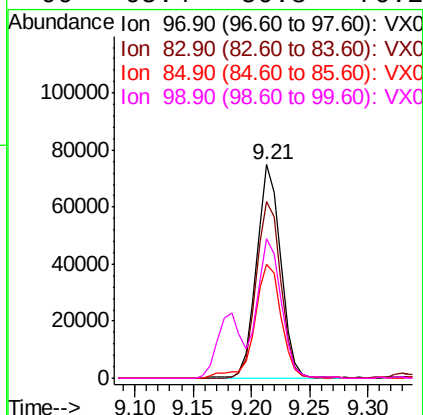
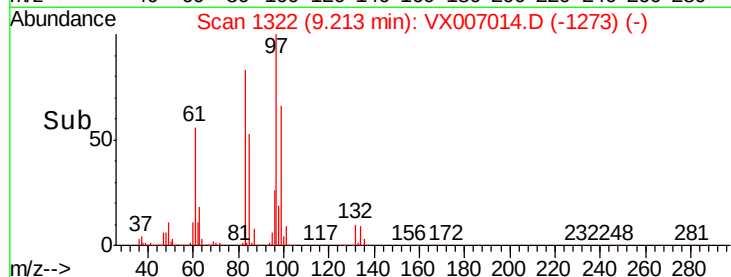
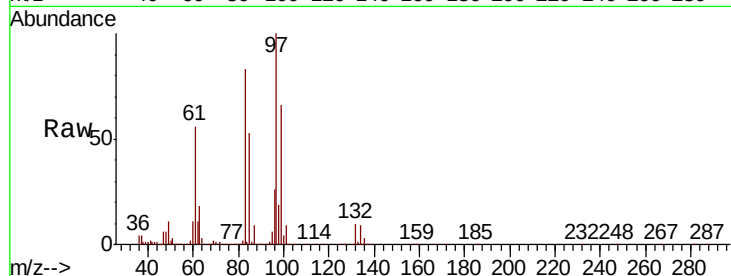




#55
 1,1,2-Trichloroethane
 Concen: 20.117 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007014.D
 Acq: 11 Jan 2019 15:30

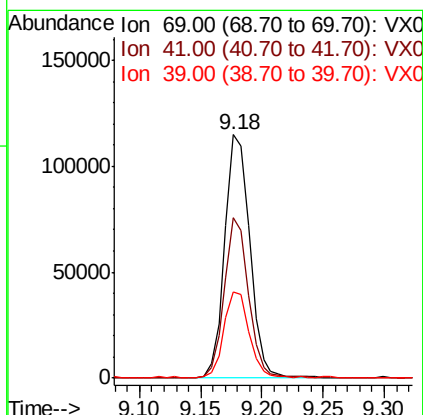
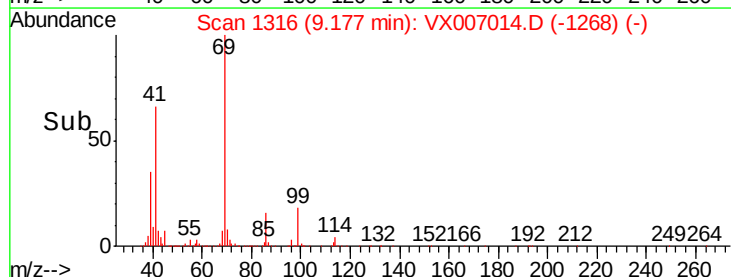
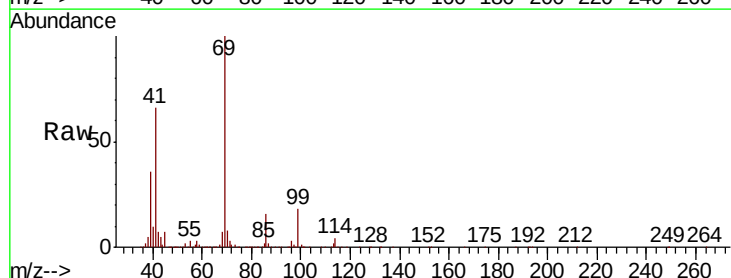
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0111WBSD01

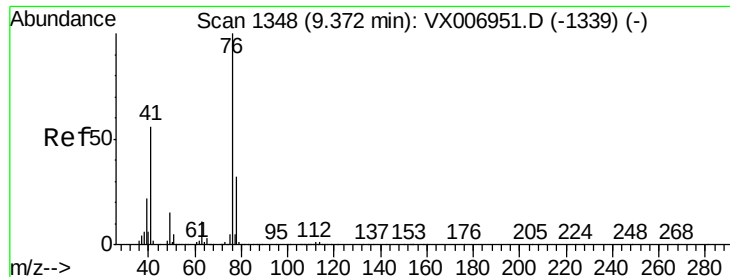
Tgt Ion:	97	Resp:	109875
Ion	Ratio	Lower	Upper
97	100		
83	82.8	66.6	99.8
85	53.0	42.7	64.1
99	65.4	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 20.571 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VX007014.D
 Acq: 11 Jan 2019 15:30

Tgt Ion:	69	Resp:	164022
Ion	Ratio	Lower	Upper
69	100		
41	63.2	48.7	73.1
39	35.2	27.0	40.6





#57

1,3-Dichloropropane

Concen: 19.540 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA_X

ClientSampleId :

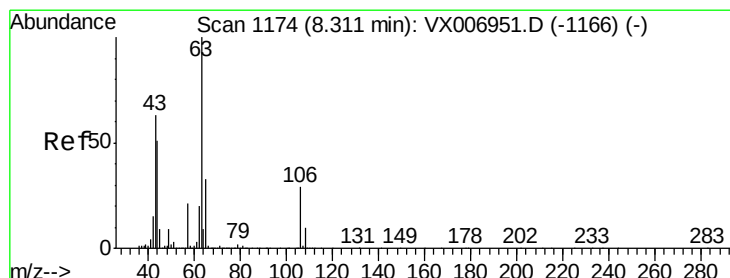
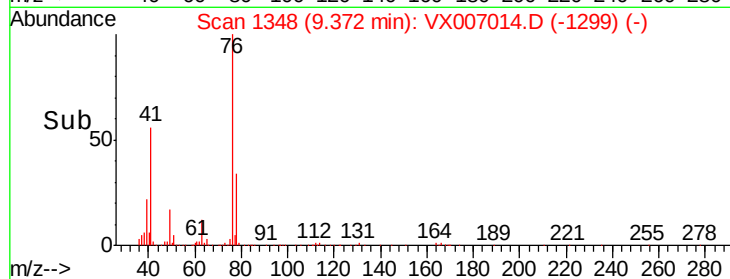
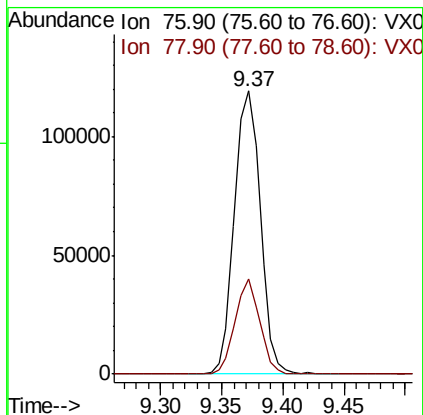
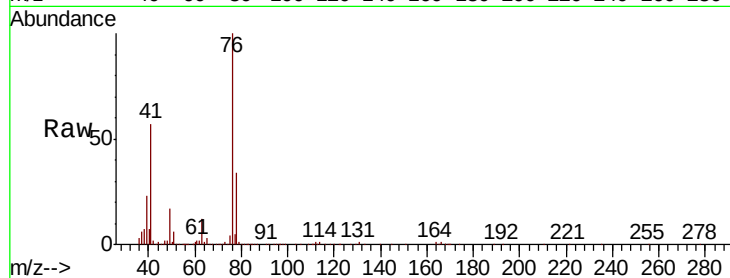
VX0111WBSD01

Tgt Ion: 76 Resp: 174839

Ion Ratio Lower Upper

76 100

78 32.0 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 101.821 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007014.D

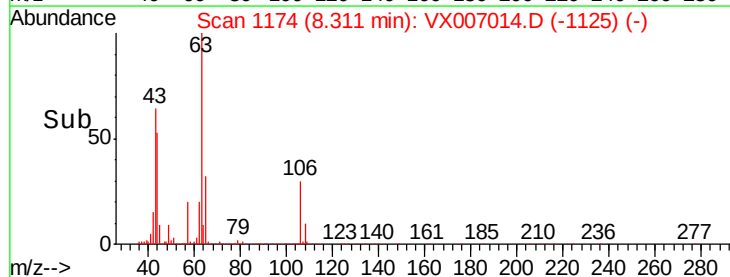
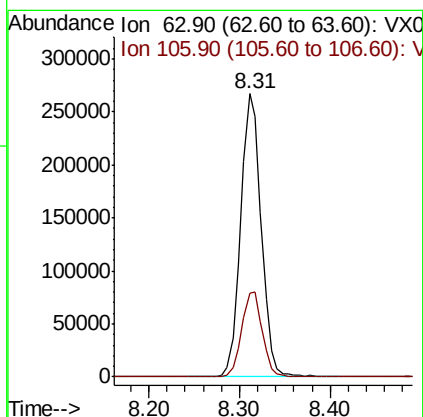
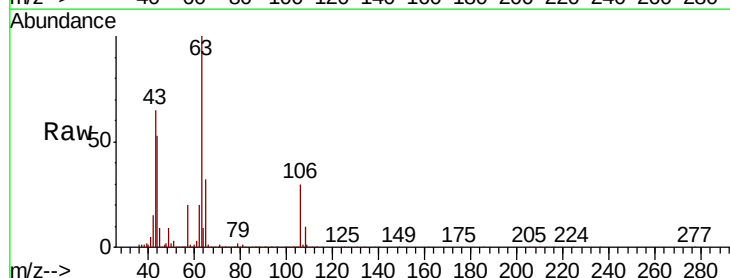
Acq: 11 Jan 2019 15:30

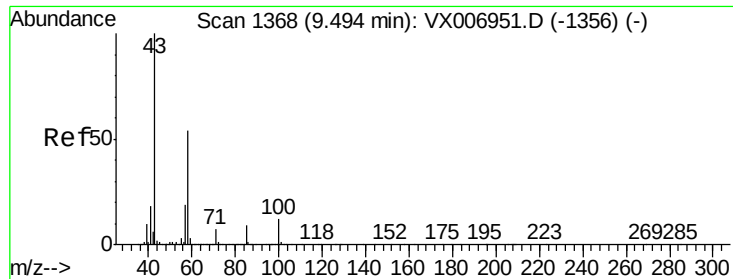
Tgt Ion: 63 Resp: 417424

Ion Ratio Lower Upper

63 100

106 30.1 24.6 36.8

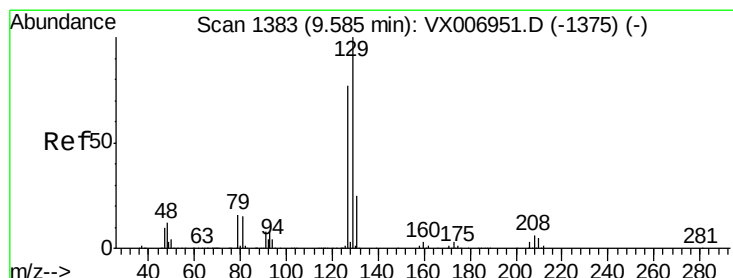
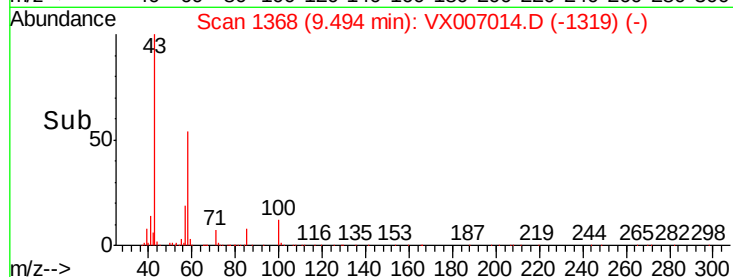
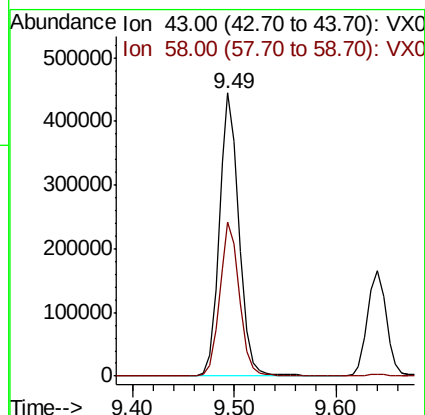
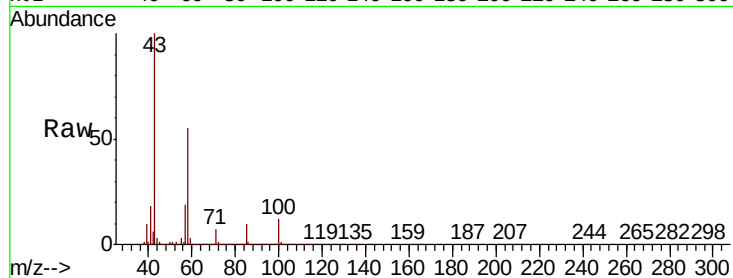




#59
2-Hexanone
Concen: 104.154 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007014.D
Acq: 11 Jan 2019 15:30

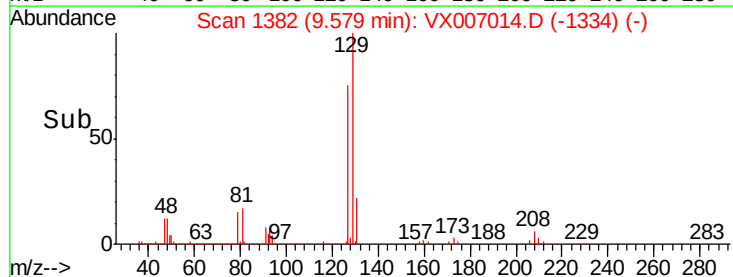
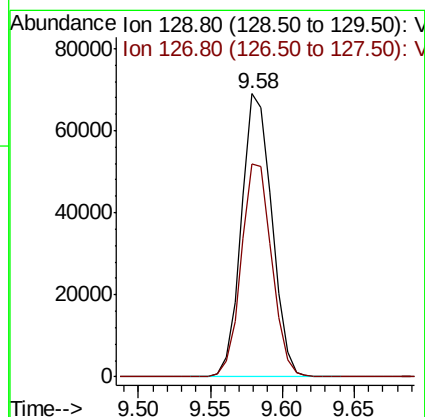
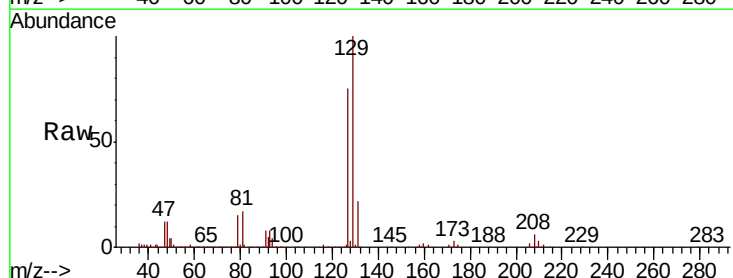
Instrument :
MSVOA_X
ClientSampleId :
VX0111WBSD01

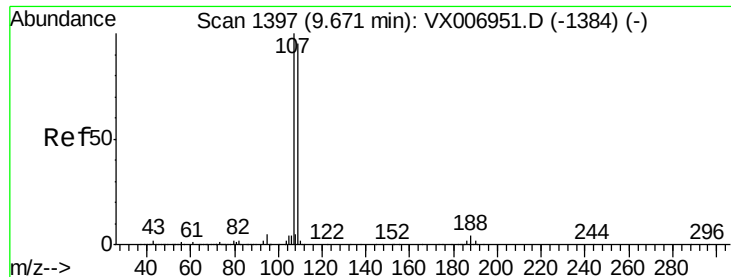
Tgt Ion: 43 Resp: 600174
Ion Ratio Lower Upper
43 100
58 54.4 27.7 83.1



#60
Dibromochloromethane
Concen: 19.048 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX007014.D
Acq: 11 Jan 2019 15:30

Tgt Ion: 129 Resp: 101022
Ion Ratio Lower Upper
129 100
127 75.7 39.3 117.8





#61

1,2-Dibromoethane

Concen: 19.454 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA_X

ClientSampleId :

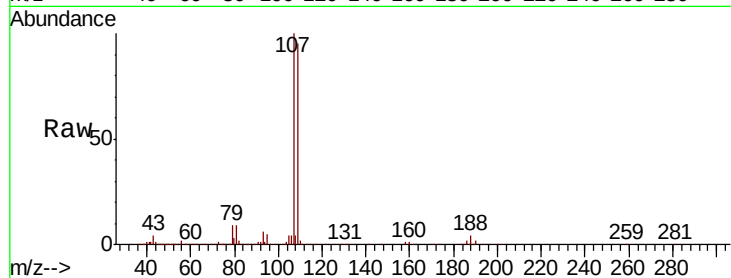
VX0111WBSD01

Tgt Ion:107 Resp: 116972

Ion Ratio Lower Upper

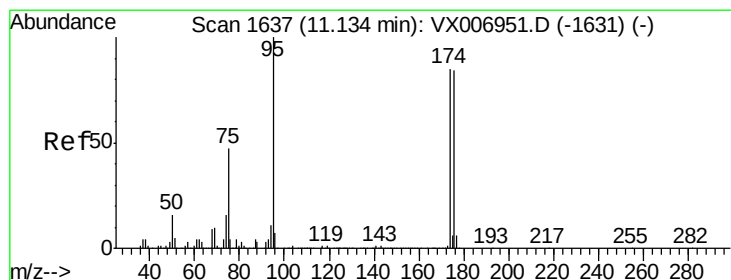
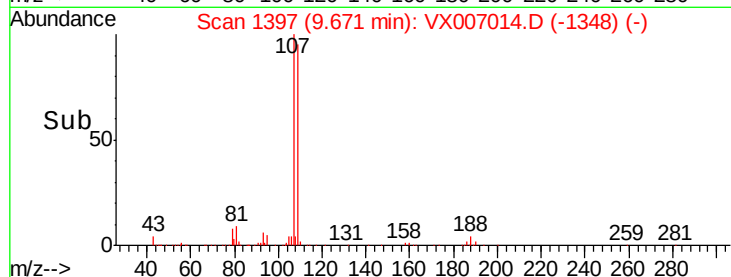
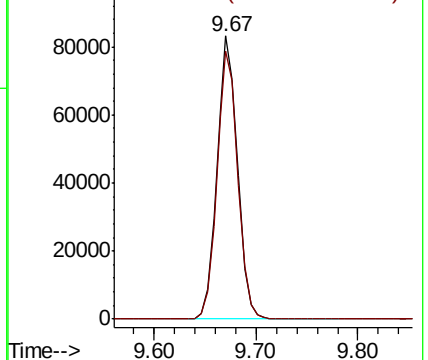
107 100

109 95.9 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.410 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

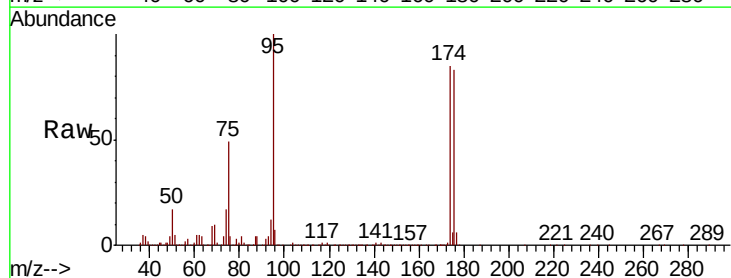
Tgt Ion: 95 Resp: 336208

Ion Ratio Lower Upper

95 100

174 93.7 0.0 182.2

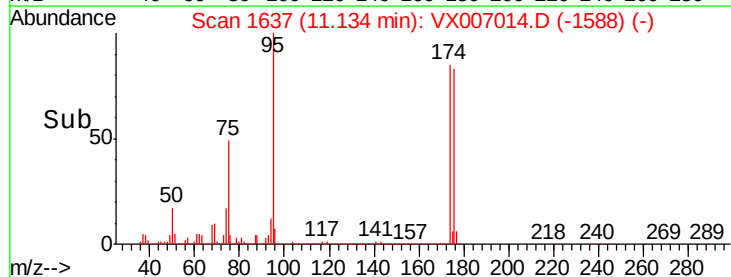
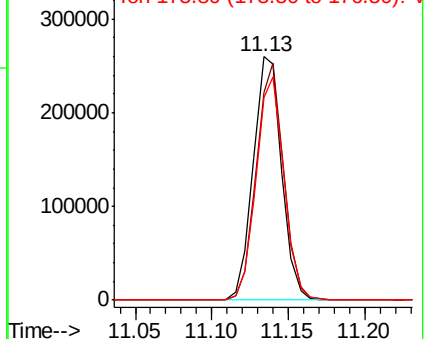
176 90.2 0.0 178.8

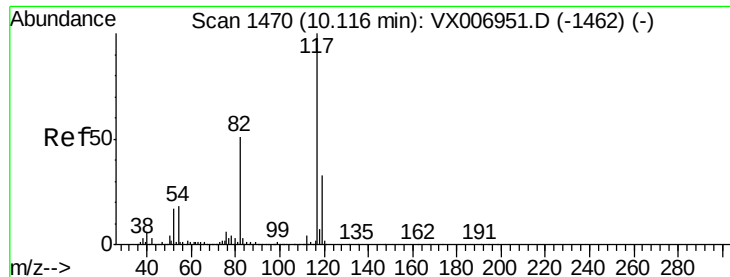


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

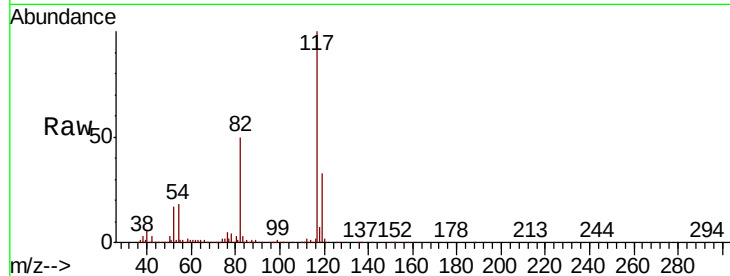




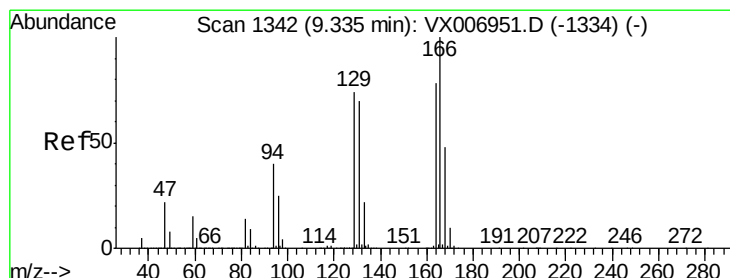
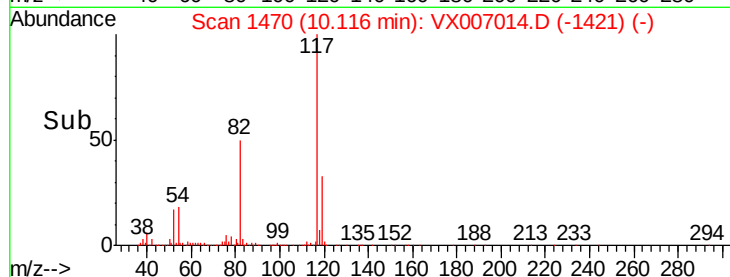
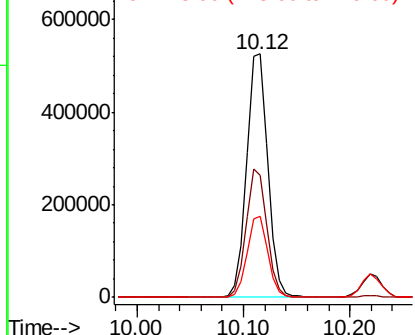
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX007014.D
Acq: 11 Jan 2019 15:30

Instrument :
MSVOA_X
ClientSampled :
VX0111WBSD01

Tgt Ion:117 Resp: 738040
Ion Ratio Lower Upper
117 100
82 50.3 41.0 61.6
119 33.2 25.4 38.0



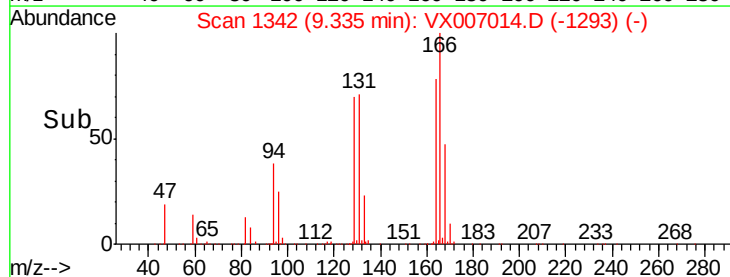
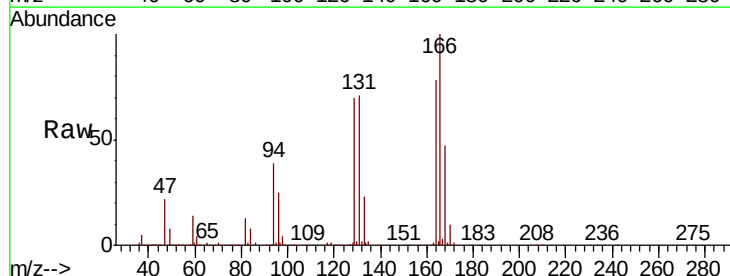
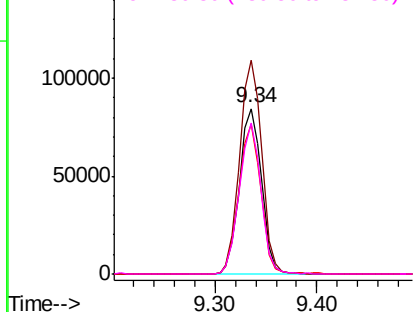
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

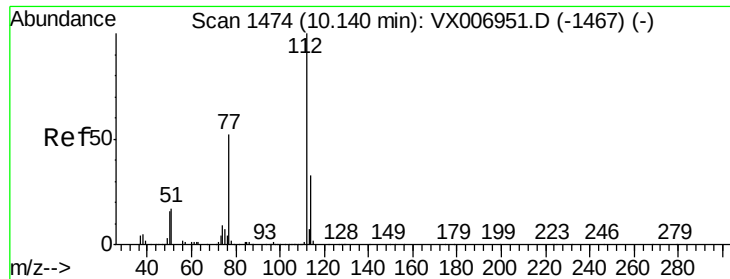


#64
Tetrachloroethene
Concen: 19.685 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007014.D
Acq: 11 Jan 2019 15:30

Tgt Ion:164 Resp: 125779
Ion Ratio Lower Upper
164 100
166 128.8 102.5 153.7
129 90.6 75.1 112.7
131 91.2 72.7 109.1

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





#65

Chlorobenzene

Concen: 19.373 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA_X

ClientSampleId :

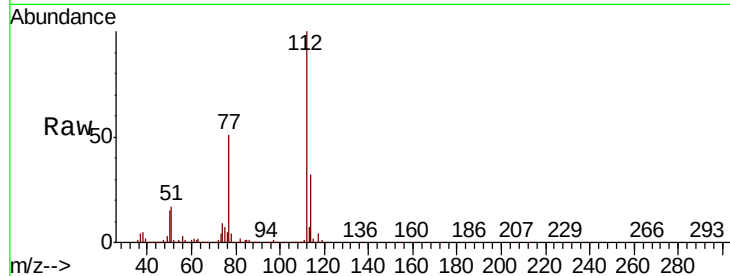
VX0111WBSD01

Tgt Ion:112 Resp: 311855

Ion Ratio Lower Upper

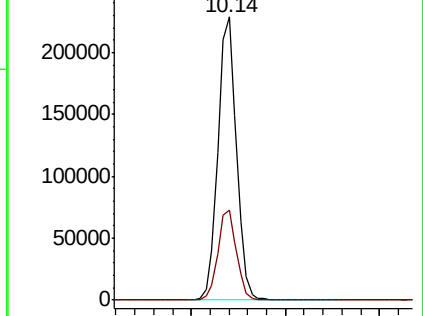
112 100

114 31.8 25.7 38.5

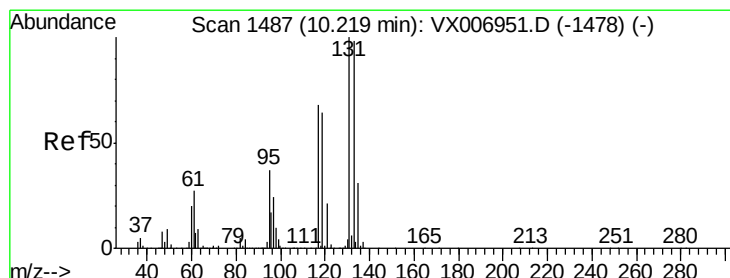
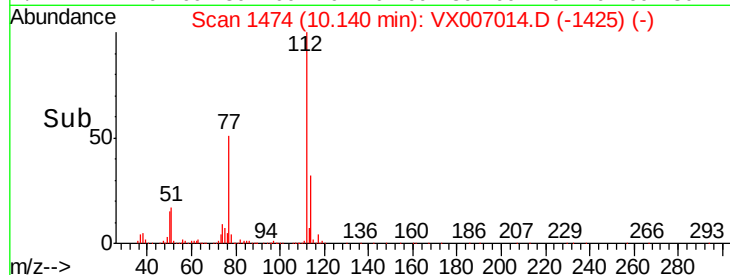


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 18.764 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

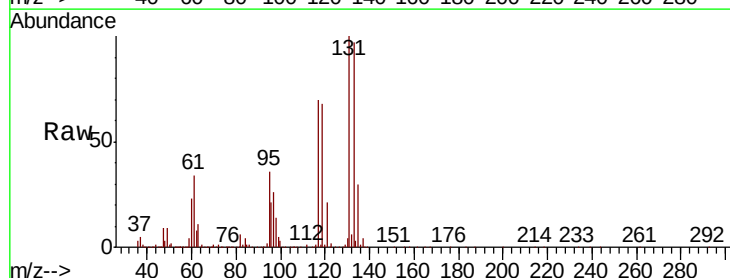
Tgt Ion:131 Resp: 101610

Ion Ratio Lower Upper

131 100

133 97.3 48.0 144.2

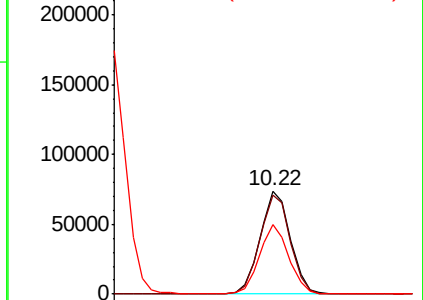
119 65.5 32.6 97.8



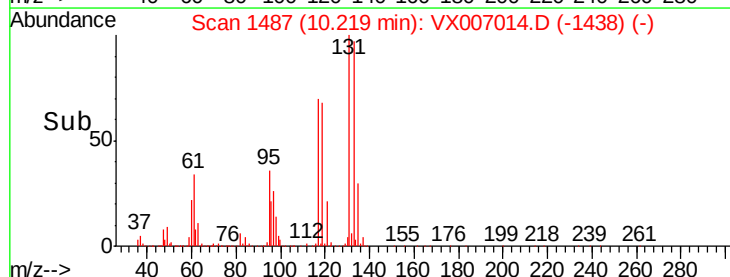
Abundance Ion 130.80 (130.50 to 131.50): V

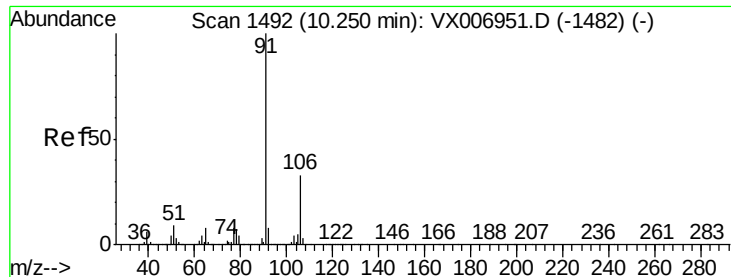
Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



Time-->





#67

Ethyl Benzene

Concen: 19.020 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA_X

ClientSampleId :

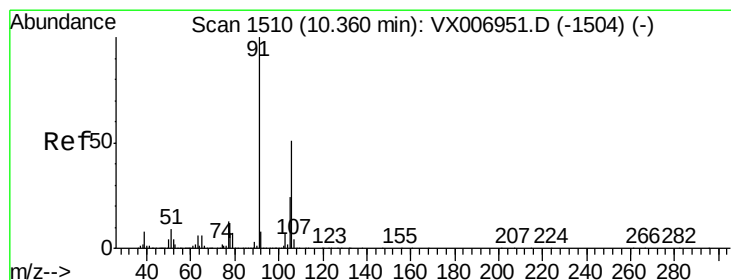
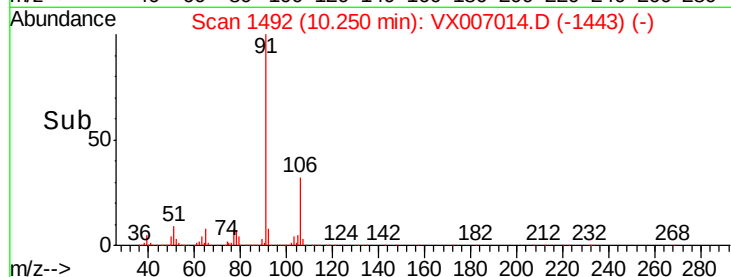
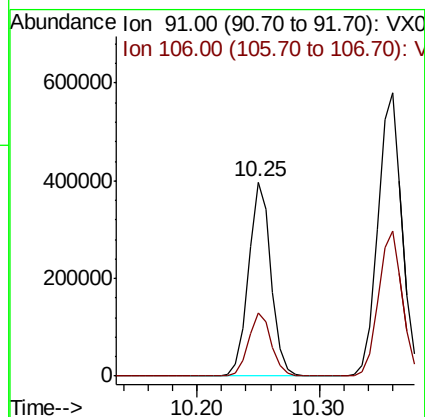
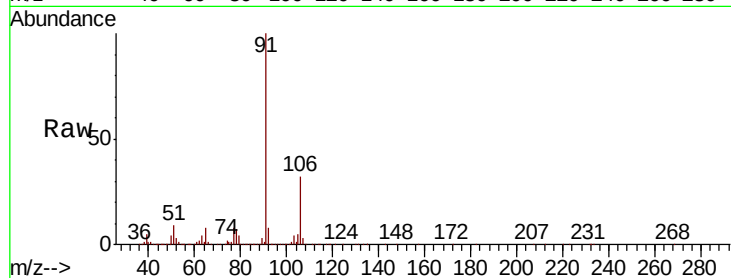
VX0111WBSD01

Tgt Ion: 91 Resp: 505447

Ion Ratio Lower Upper

91 100

106 32.5 26.4 39.6



#68

m/p-Xylenes

Concen: 38.426 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007014.D

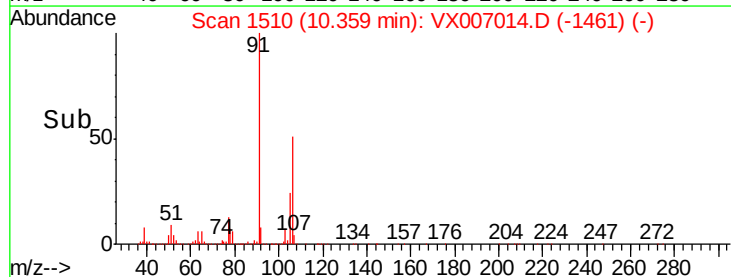
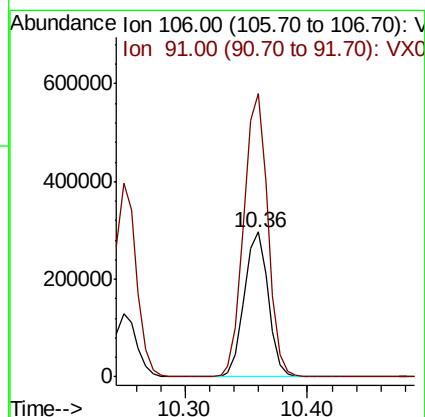
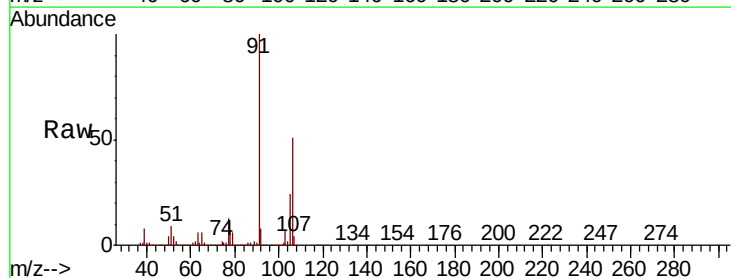
Acq: 11 Jan 2019 15:30

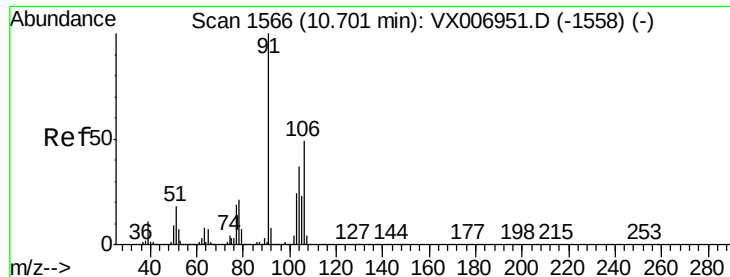
Tgt Ion: 106 Resp: 402309

Ion Ratio Lower Upper

106 100

91 196.1 155.8 233.6

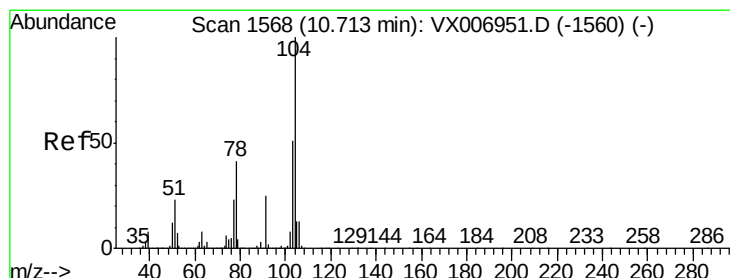
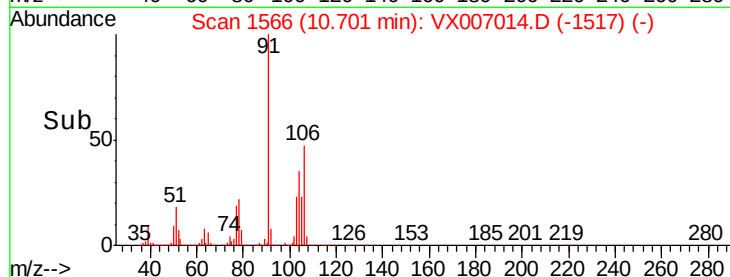
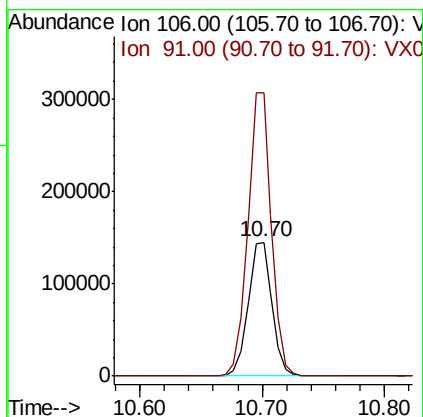
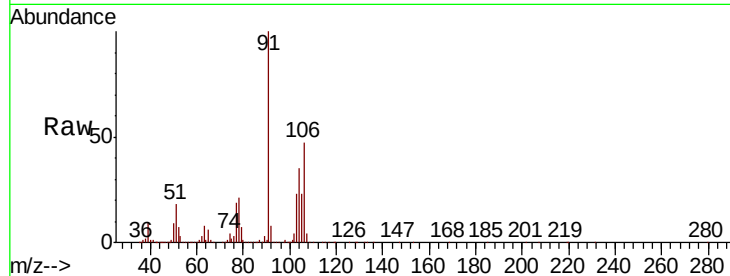




#69
o-Xylene
Concen: 19.286 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007014.D
Acq: 11 Jan 2019 15:30

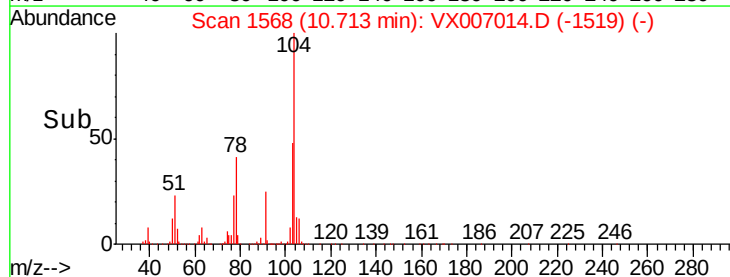
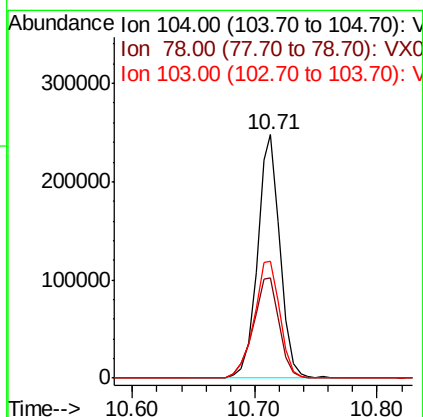
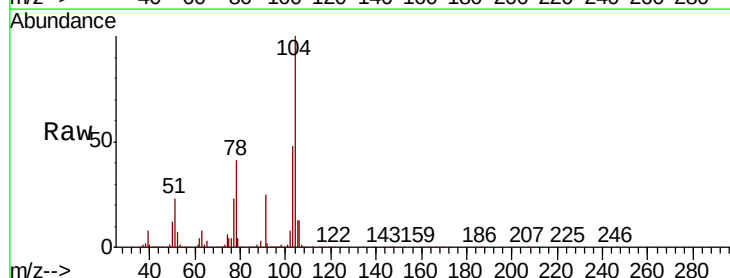
Instrument :
MSVOA_X
ClientSampleId :
VX0111WBSD01

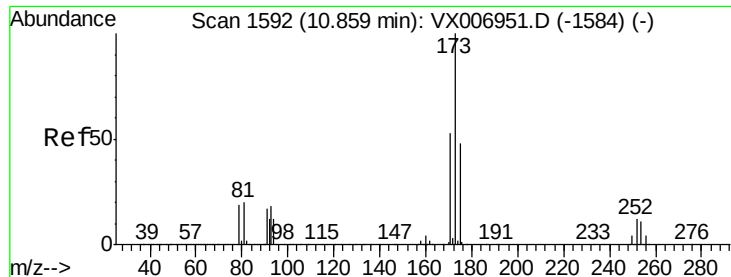
Tgt Ion:106 Resp: 196923
Ion Ratio Lower Upper
106 100
91 208.0 101.3 303.7



#70
Styrene
Concen: 19.623 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007014.D
Acq: 11 Jan 2019 15:30

Tgt Ion:104 Resp: 317338
Ion Ratio Lower Upper
104 100
78 47.8 37.7 56.5
103 55.7 43.8 65.8





#71

Bromoform

Concen: 18.043 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA_X

ClientSampled :

VX0111WBSD01

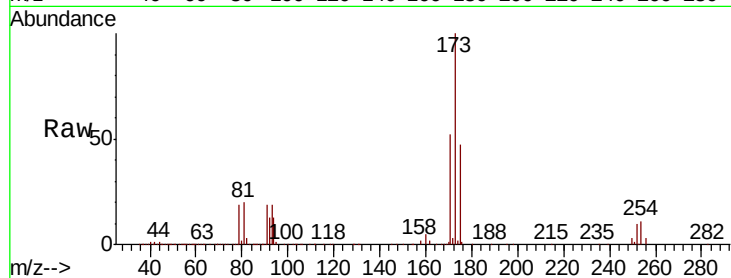
Tgt Ion:173 Resp: 71245

Ion Ratio Lower Upper

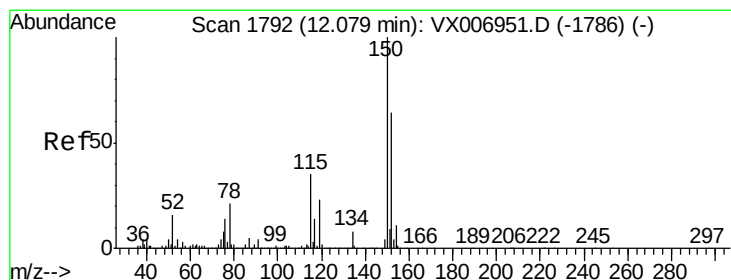
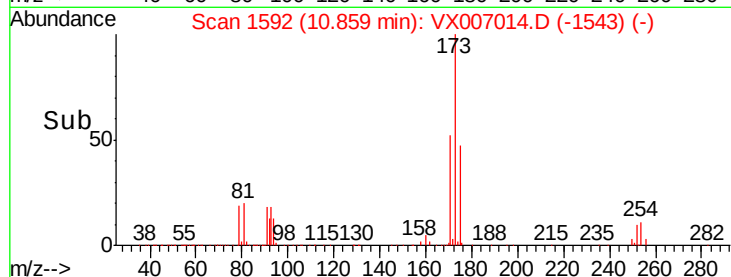
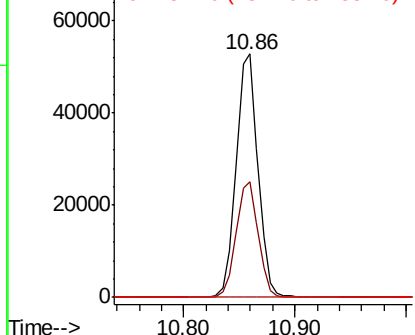
173 100

175 48.3 24.7 74.1

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

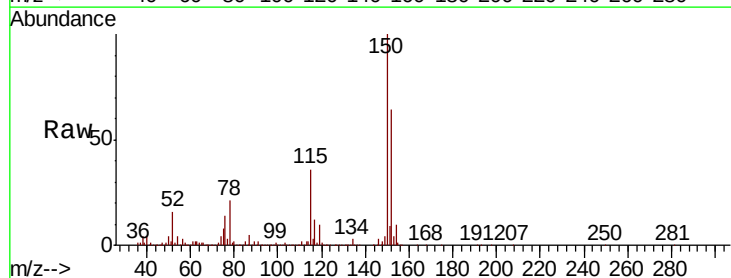
Tgt Ion:152 Resp: 377885

Ion Ratio Lower Upper

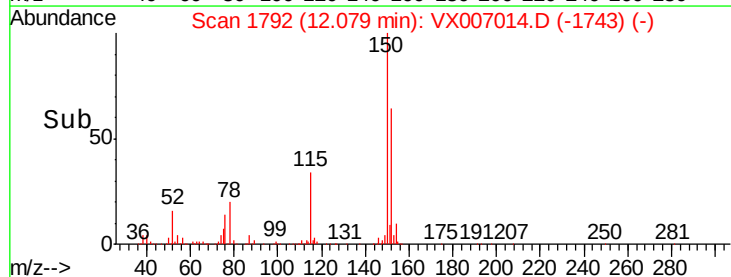
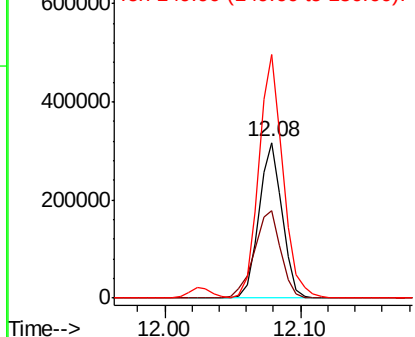
152 100

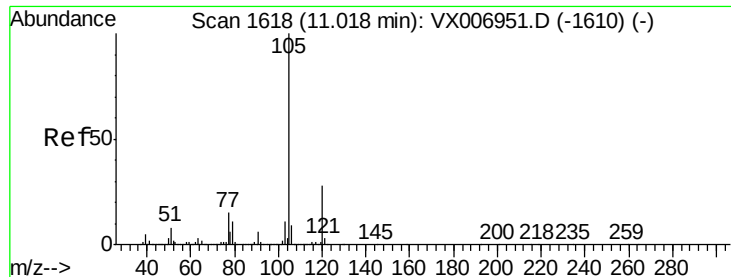
115 64.6 39.1 117.2

150 163.5 0.0 344.8



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: 19.582 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA_X

ClientSampleId :

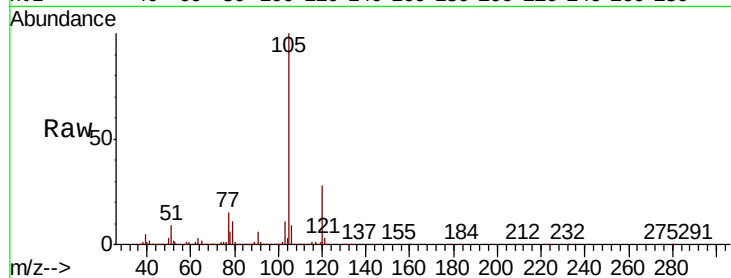
VX0111WBSD01

Tgt Ion: 105 Resp: 521783

Ion Ratio Lower Upper

105 100

120 27.7 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

500000

400000

300000

200000

100000

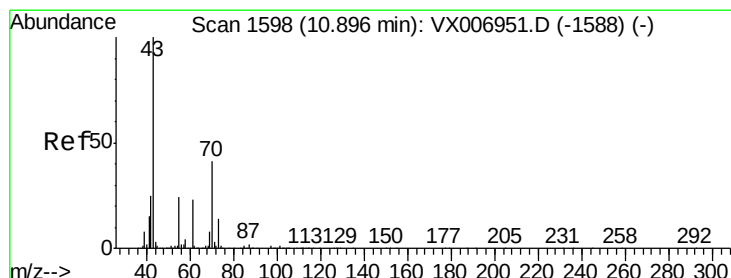
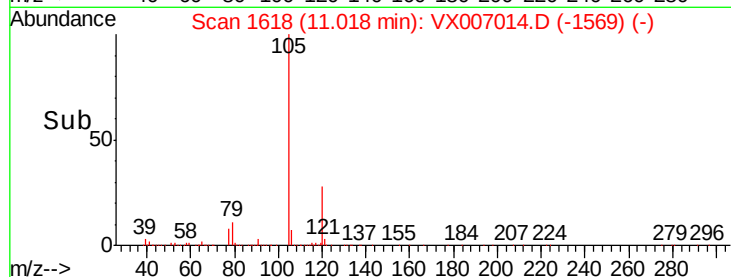
0

11.02

11.00

10.90

Time-->



#74

N-ethyl acetate

Concen: 19.057 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Tgt Ion: 43 Resp: 204454

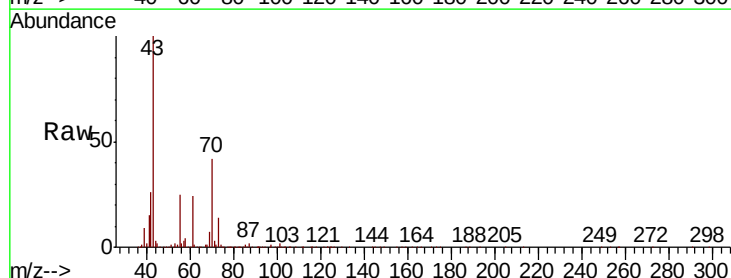
Ion Ratio Lower Upper

43 100

70 43.2 35.8 53.8

55 25.2 19.4 29.0

61 24.4 20.1 30.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

250000

200000

150000

100000

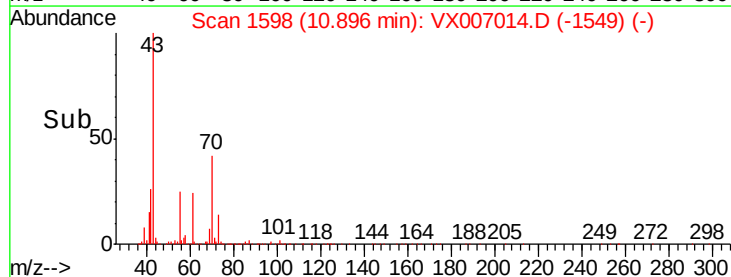
50000

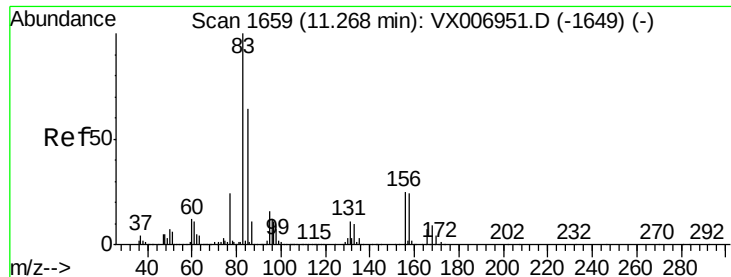
0

10.90

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.234 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA_X

ClientSampleId :

VX0111WBSD01

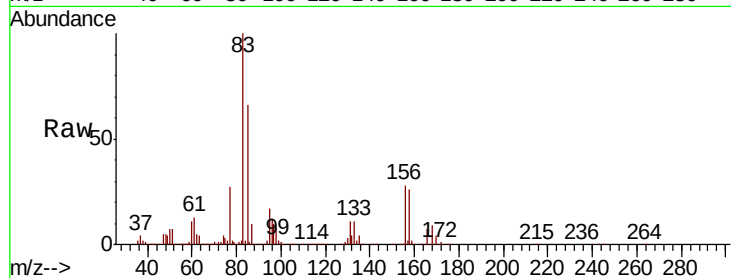
Tgt Ion: 83 Resp: 162705

Ion Ratio Lower Upper

83 100

131 11.0 5.7 17.1

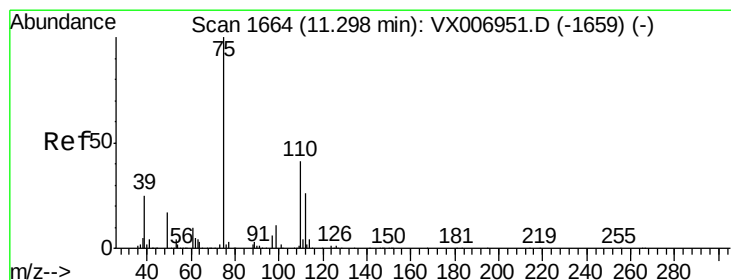
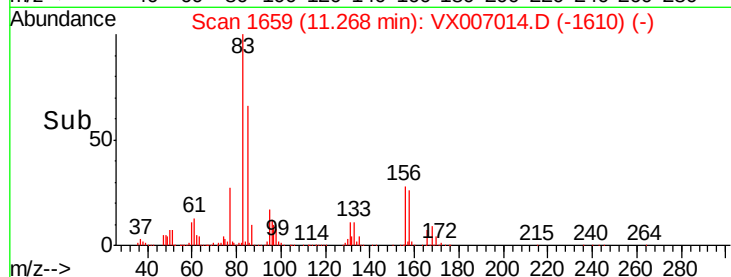
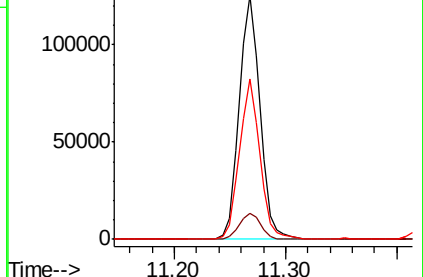
85 64.3 32.2 96.6



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: 22.872 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX007014.D

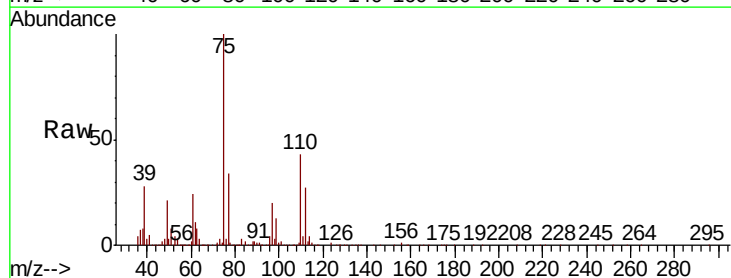
Acq: 11 Jan 2019 15:30

Tgt Ion: 75 Resp: 175147

Ion Ratio Lower Upper

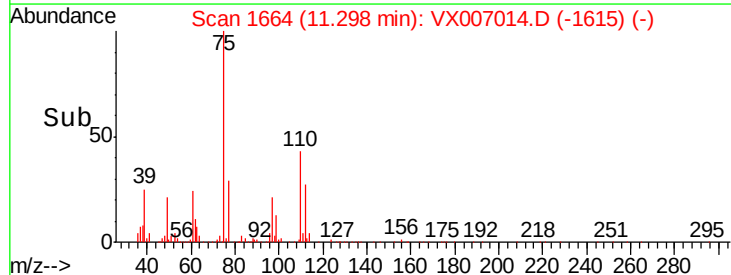
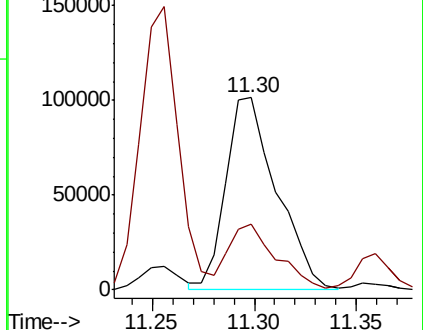
75 100

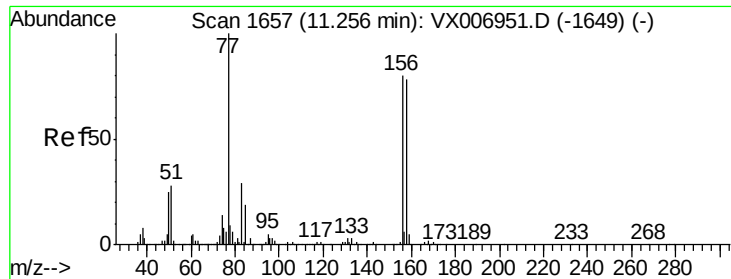
77 31.9 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.621 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA_X

ClientSampleId :

VX0111WBSD01

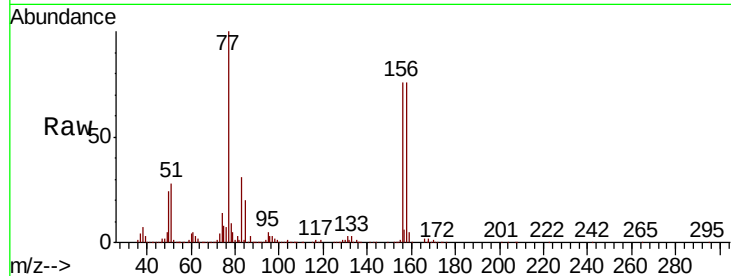
Tgt Ion:156 Resp: 144056

Ion Ratio Lower Upper

156 100

77 135.1 68.0 204.0

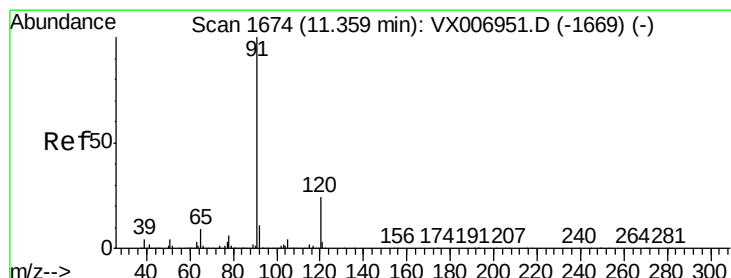
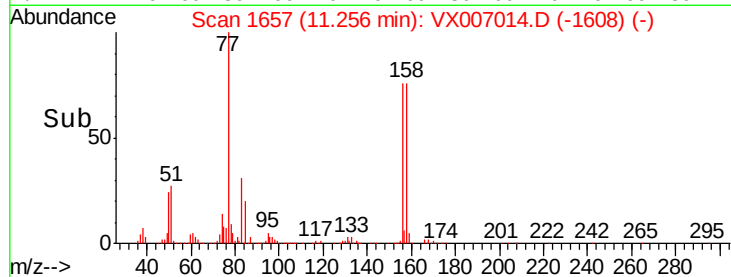
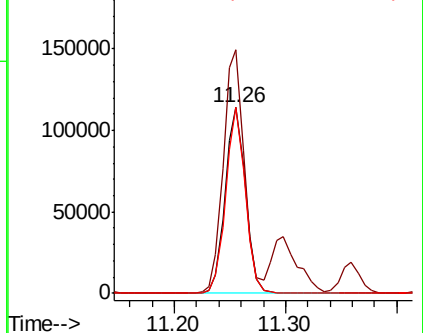
158 95.9 48.3 144.8



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: 19.826 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007014.D

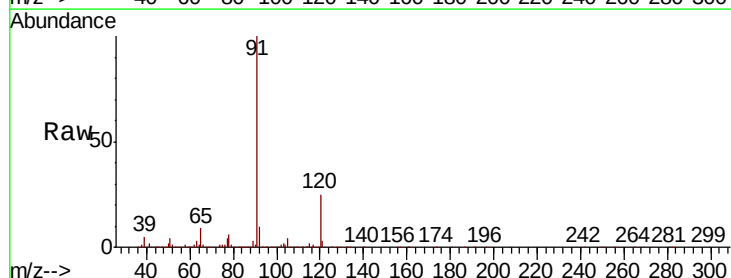
Acq: 11 Jan 2019 15:30

Tgt Ion: 91 Resp: 579944

Ion Ratio Lower Upper

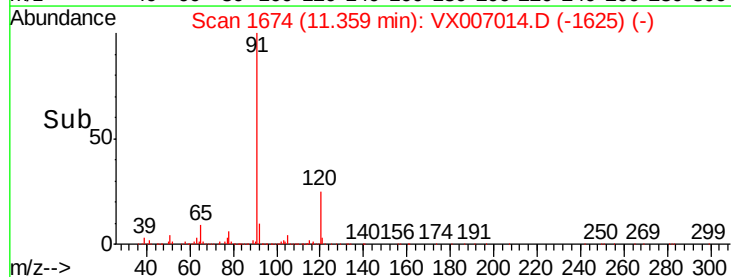
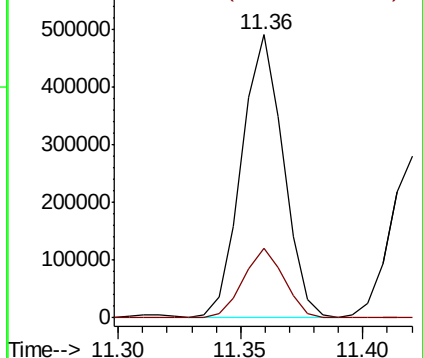
91 100

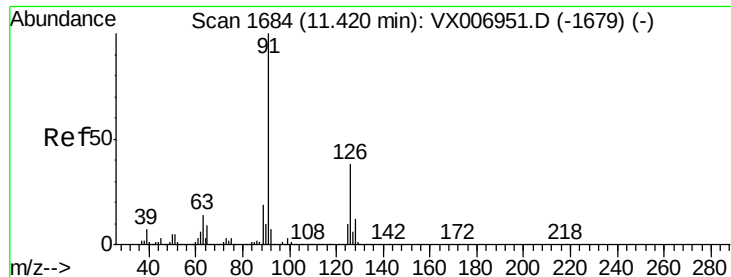
120 24.3 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.589 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA_X

ClientSampleId :

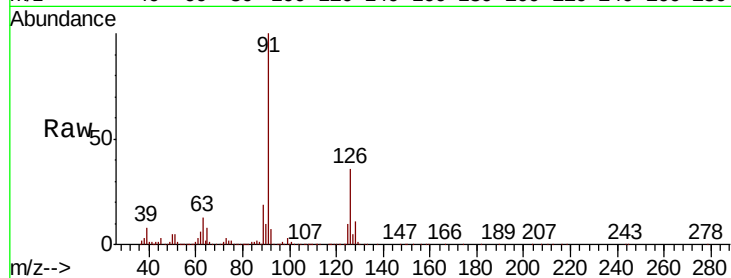
VX0111WBSD01

Tgt Ion: 91 Resp: 344936

Ion Ratio Lower Upper

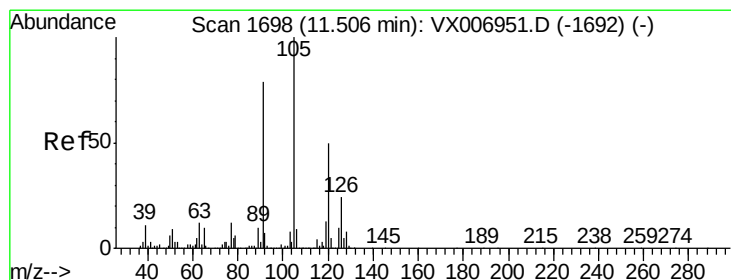
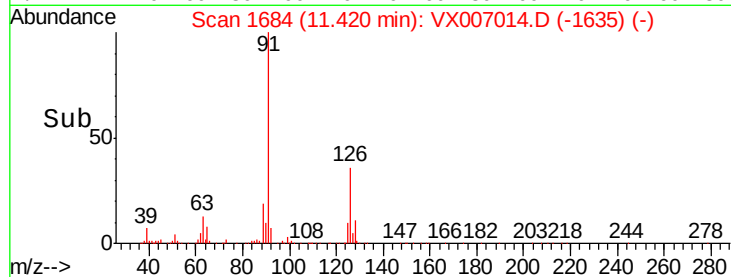
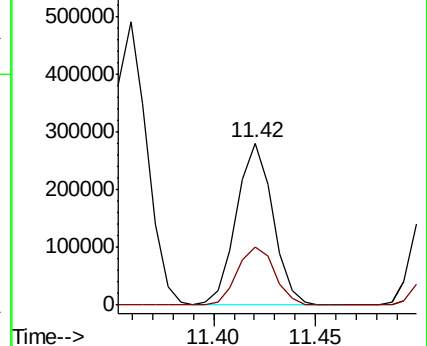
91 100

126 37.2 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.186 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007014.D

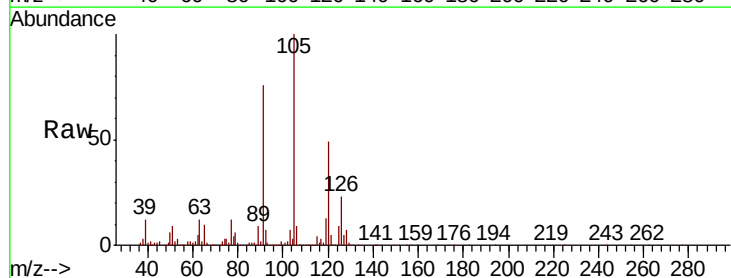
Acq: 11 Jan 2019 15:30

Tgt Ion: 105 Resp: 427172

Ion Ratio Lower Upper

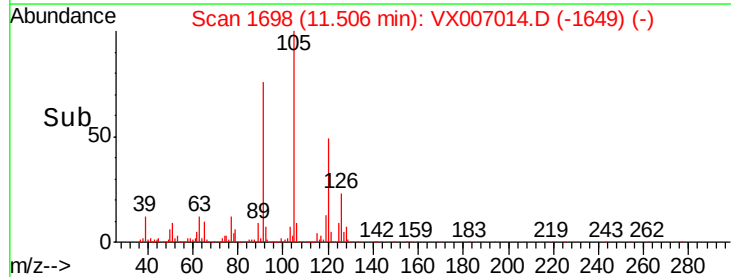
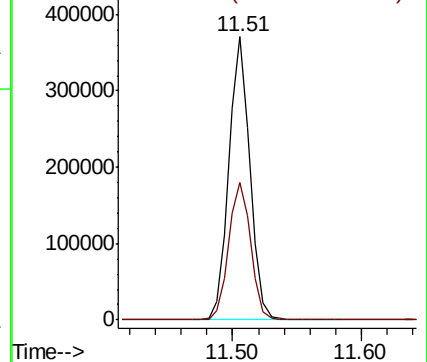
105 100

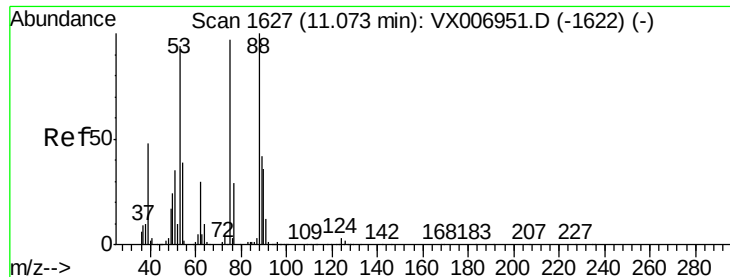
120 50.9 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 16.678 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA_X

ClientSampleId :

VX0111WBSD01

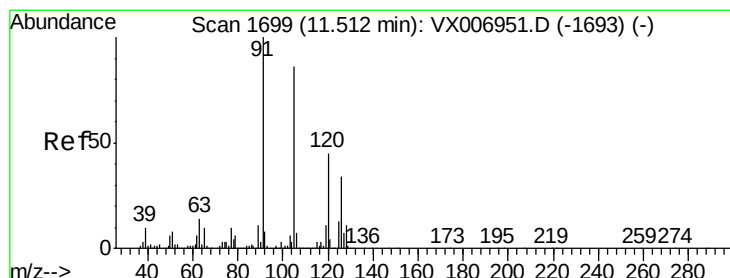
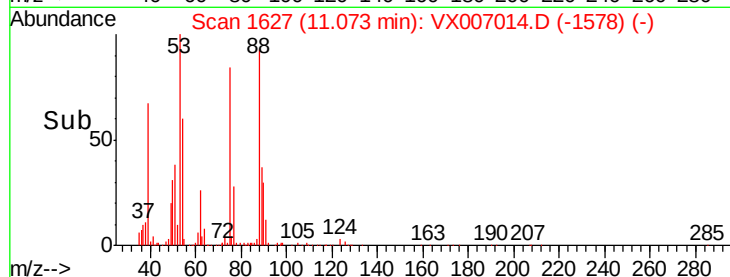
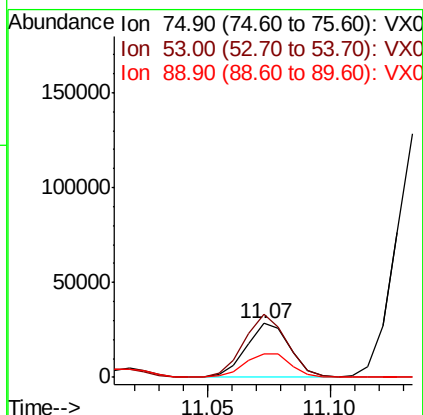
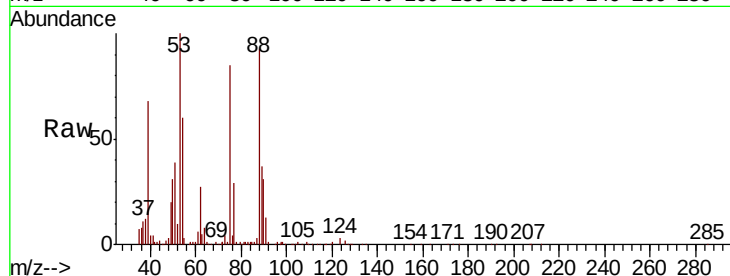
Tgt Ion: 75 Resp: 35401

Ion Ratio Lower Upper

75 100

53 116.9 79.7 119.5

89 47.8 38.0 57.0



#82

4-Chlorotoluene

Concen: 19.448 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007014.D

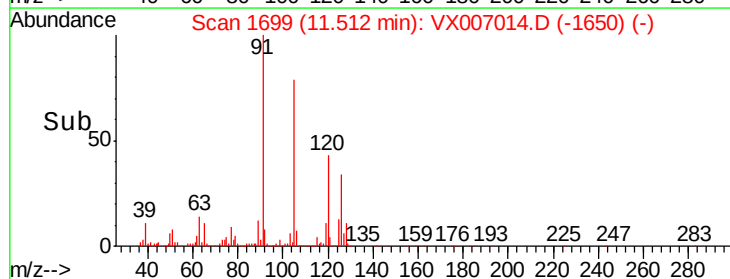
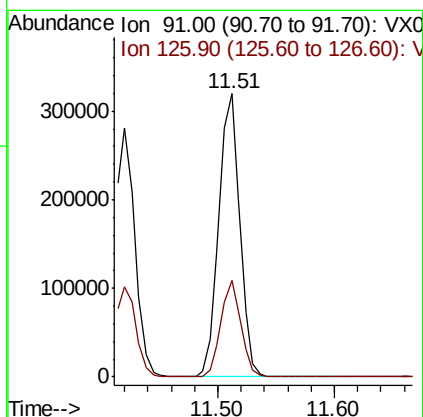
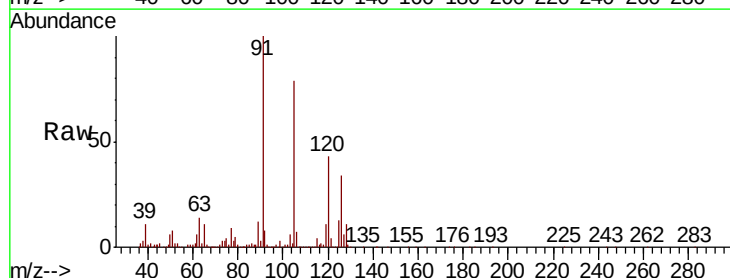
Acq: 11 Jan 2019 15:30

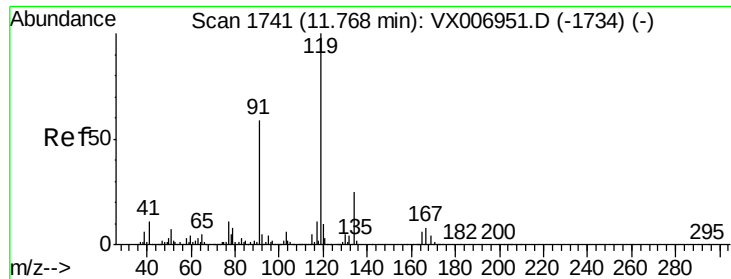
Tgt Ion: 91 Resp: 396507

Ion Ratio Lower Upper

91 100

126 32.4 16.3 48.9





#83

tert-Butylbenzene

Concen: 19.455 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA_X

ClientSampleId :

VX0111WBSD01

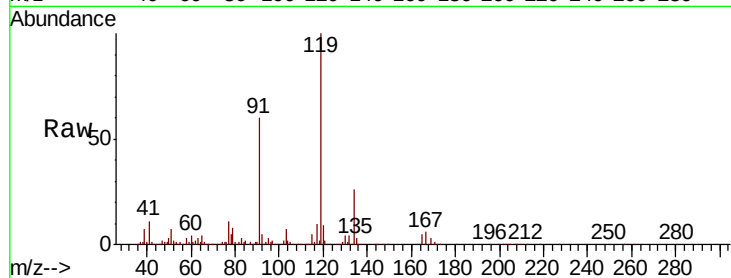
Tgt Ion:119 Resp: 432174

Ion Ratio Lower Upper

119 100

91 55.1 27.7 83.1

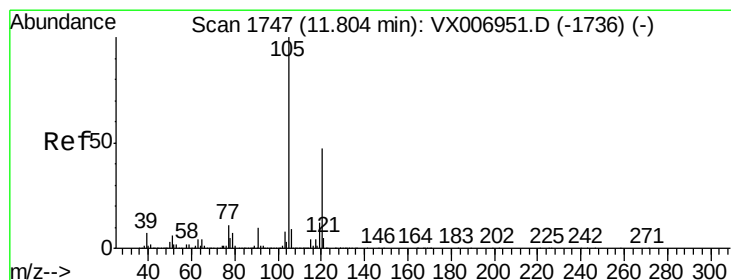
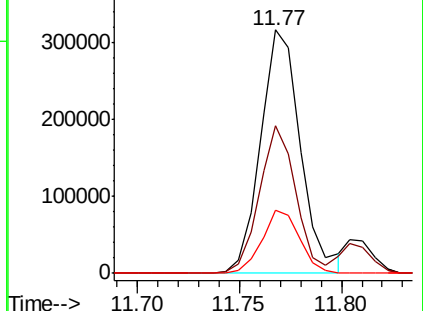
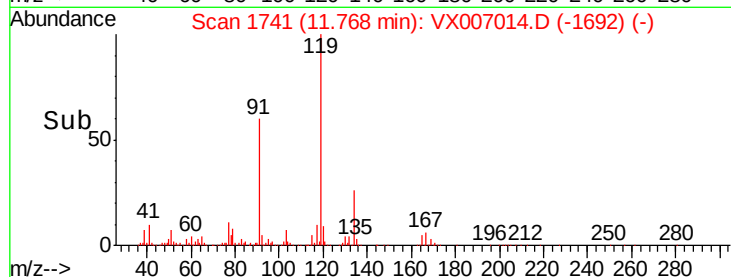
134 24.4 11.9 35.5



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: 19.863 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007014.D

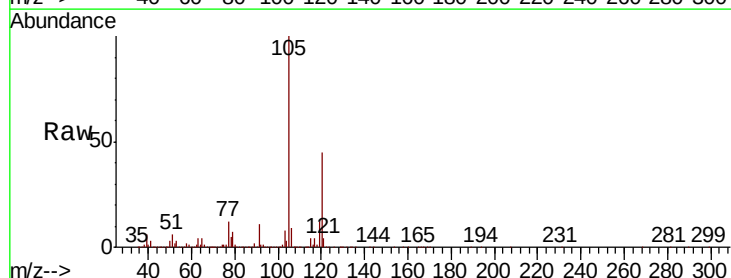
Acq: 11 Jan 2019 15:30

Tgt Ion:105 Resp: 444724

Ion Ratio Lower Upper

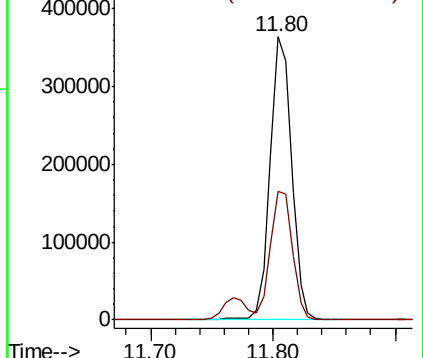
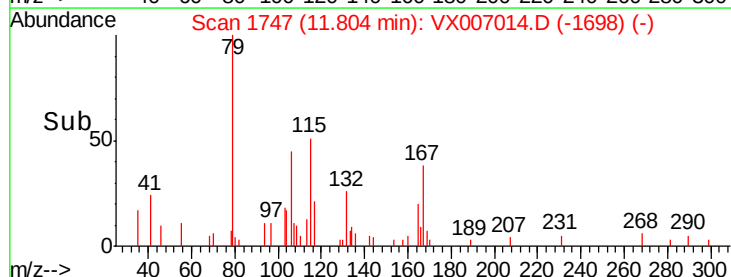
105 100

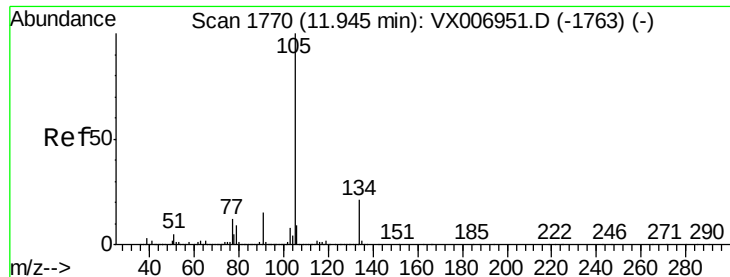
120 46.2 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.492 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA_X

ClientSampleId :

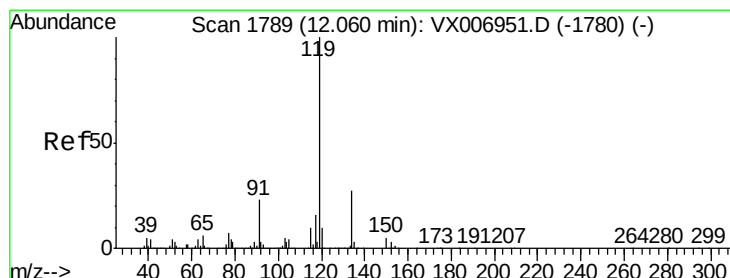
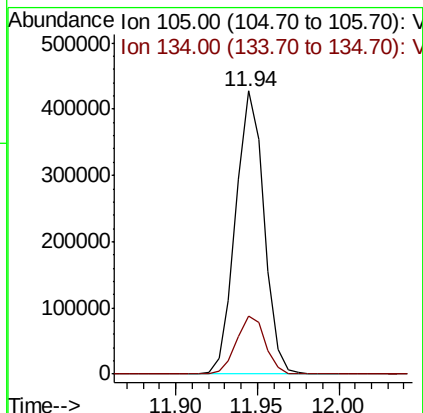
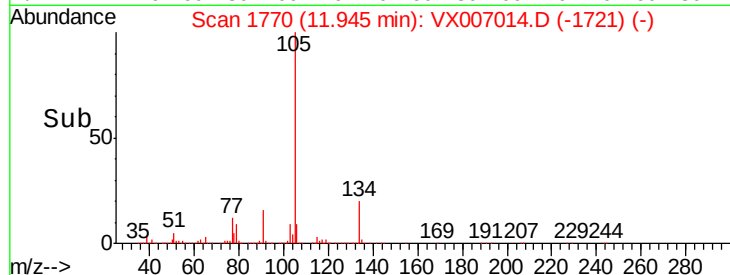
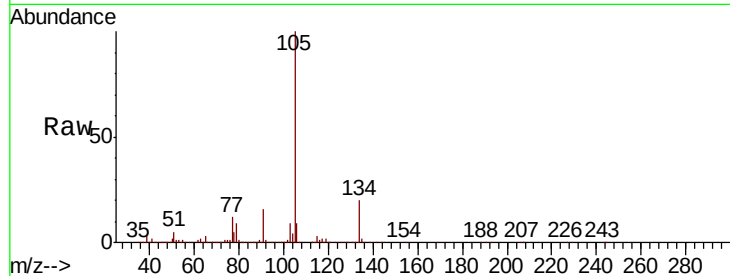
VX0111WBSD01

Tgt Ion:105 Resp: 517124

Ion Ratio Lower Upper

105 100

134 20.9 10.7 31.9



#86

p-Isopropyltoluene

Concen: 19.469 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

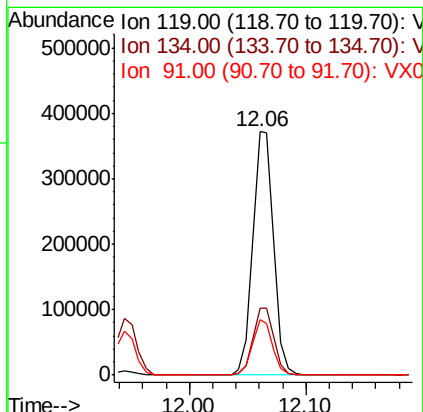
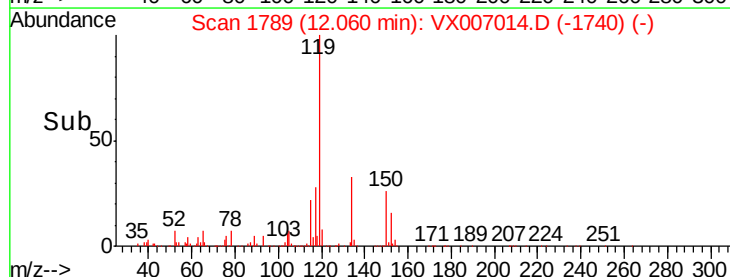
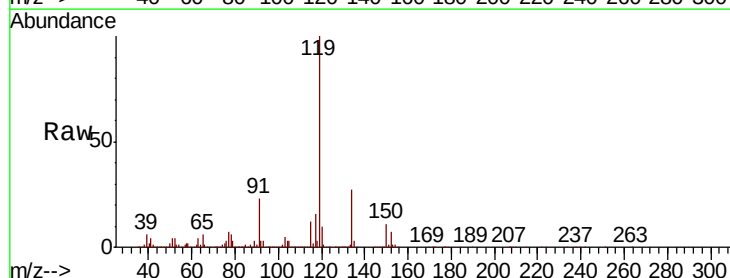
Tgt Ion:119 Resp: 462008

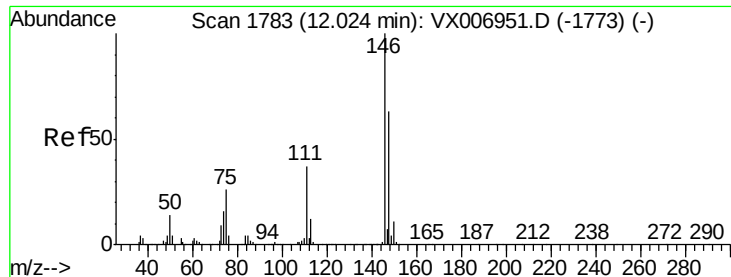
Ion Ratio Lower Upper

119 100

134 27.8 14.0 41.9

91 22.2 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 18.975 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

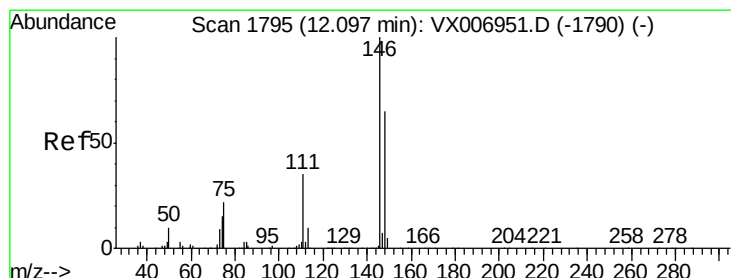
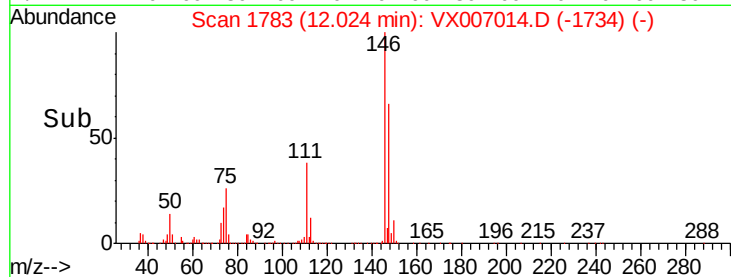
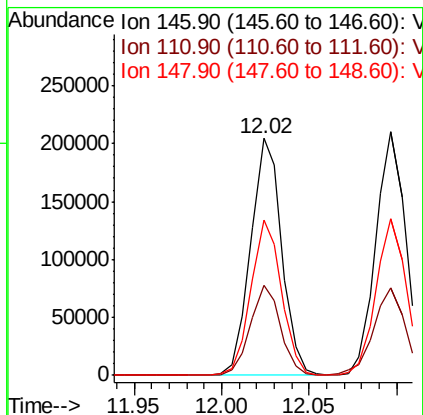
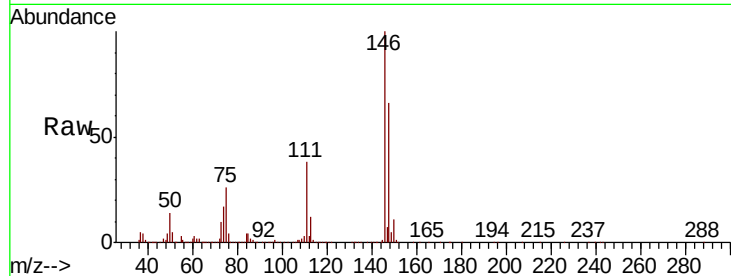
Instrument :

MSVOA_X

ClientSampleId :

VX0111WBSD01

Tgt Ion:	146	Resp:	251808
Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.6	55.8
148	64.5	31.8	95.3



#88

1,4-Dichlorobenzene

Concen: 20.128 ug/l

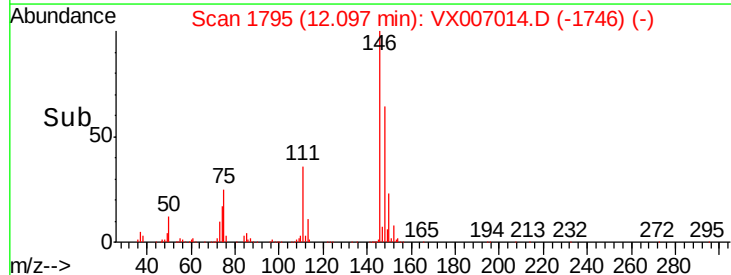
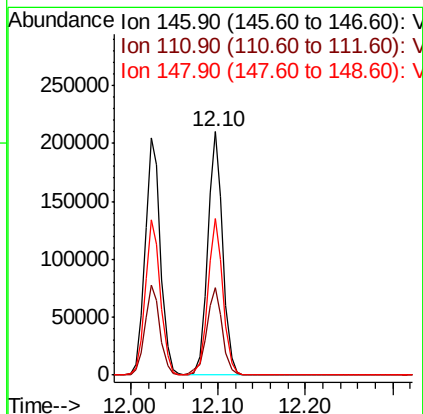
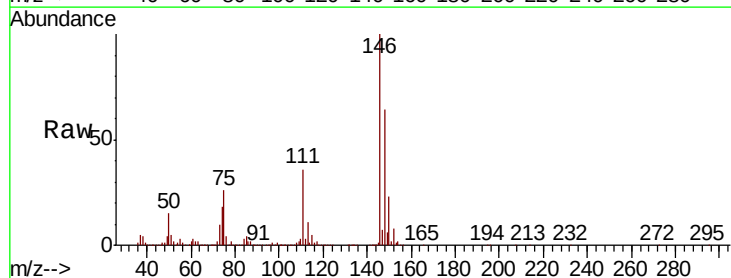
RT: 12.10 min Scan# 1795

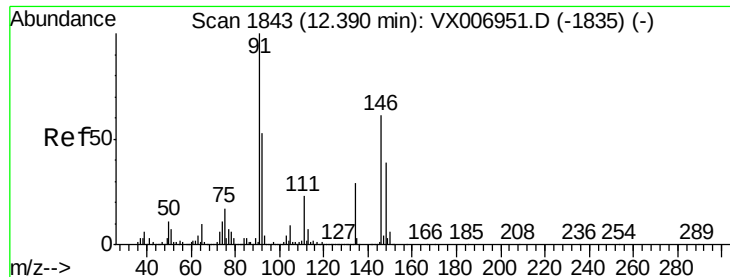
Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Tgt Ion:	146	Resp:	251995
Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.1	54.1
148	64.4	31.9	95.9

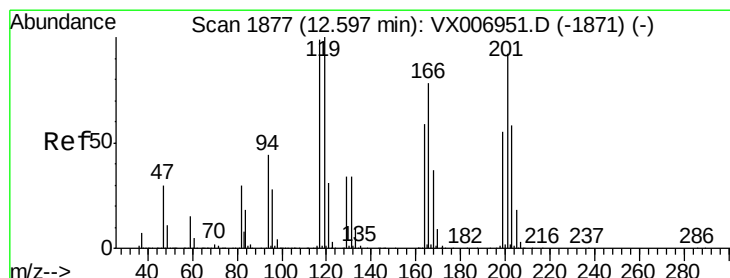
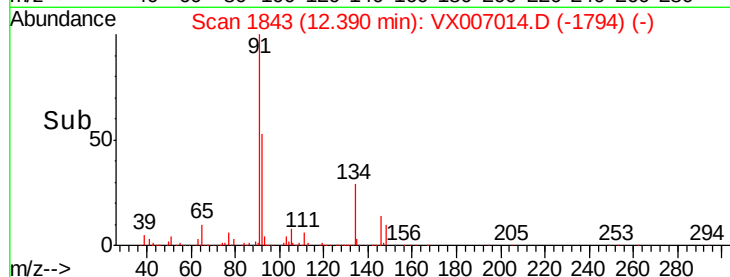
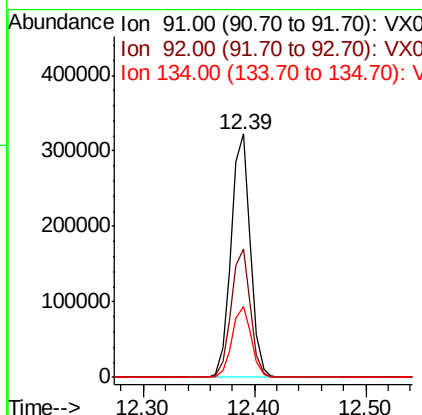
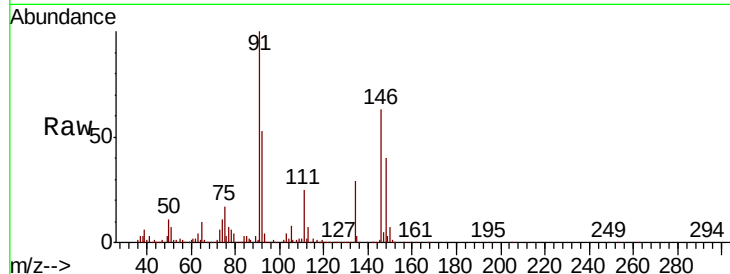




#89
n-Butylbenzene
Concen: 18.958 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX007014.D
Acq: 11 Jan 2019 15:30

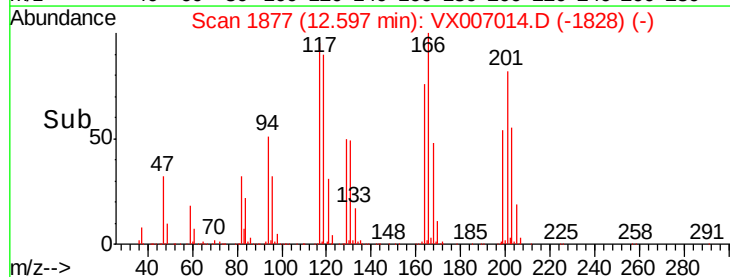
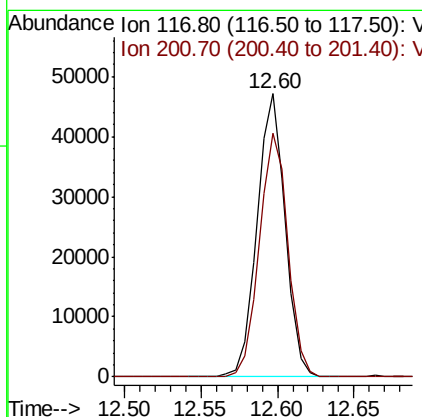
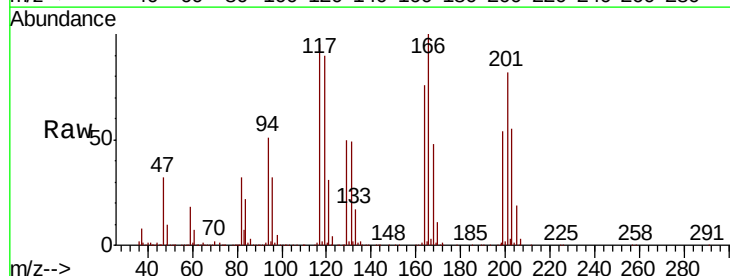
Instrument :
MSVOA_X
ClientSampleId :
VX0111WBSD01

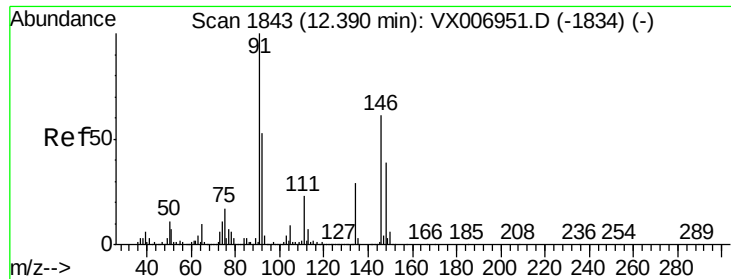
Tgt Ion: 91 Resp: 383501
Ion Ratio Lower Upper
91 100
92 52.7 26.8 80.4
134 29.2 14.4 43.2



#90
Hexachloroethane
Concen: 17.916 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007014.D
Acq: 11 Jan 2019 15:30

Tgt Ion: 117 Resp: 60365
Ion Ratio Lower Upper
117 100
201 87.8 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 18.955 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA_X

ClientSampleId :

VX0111WBSD01

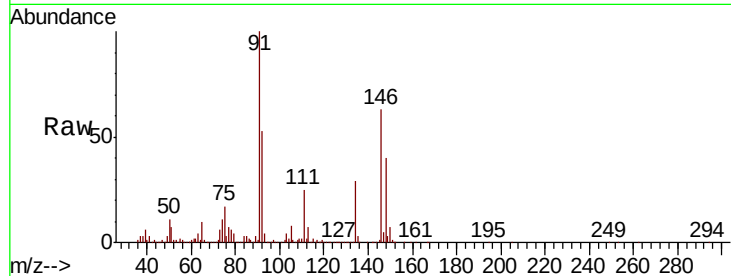
Tgt Ion:146 Resp: 248233

Ion Ratio Lower Upper

146 100

111 39.0 19.4 58.2

148 65.0 32.3 96.9

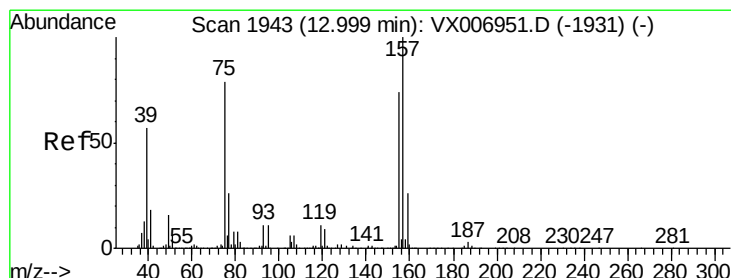
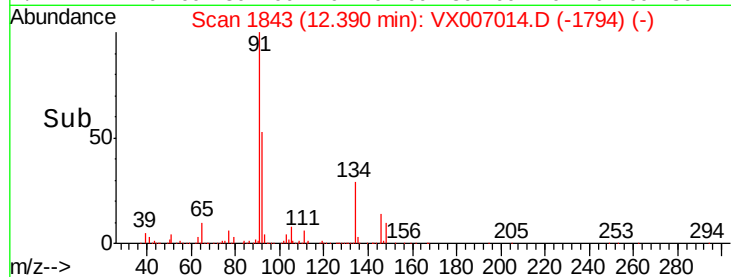
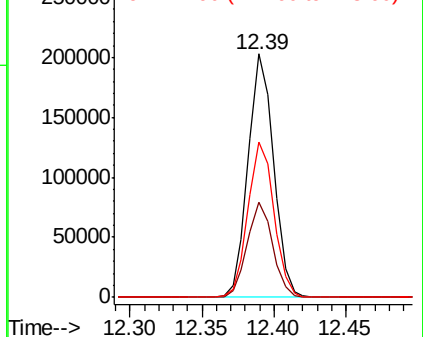


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.979 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

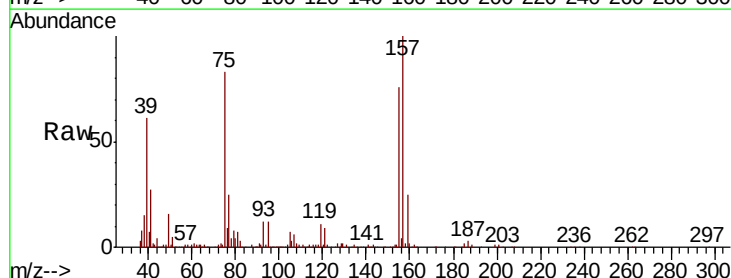
Tgt Ion: 75 Resp: 30079

Ion Ratio Lower Upper

75 100

155 101.0 50.6 151.8

157 127.9 64.6 193.8

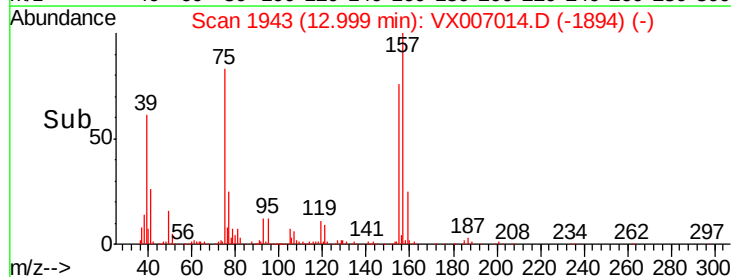
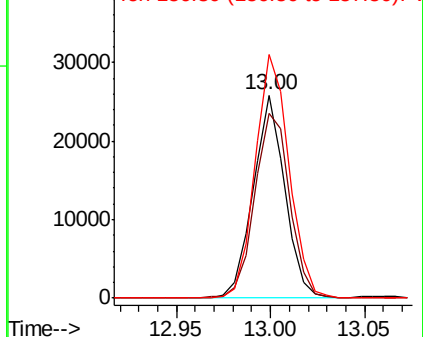


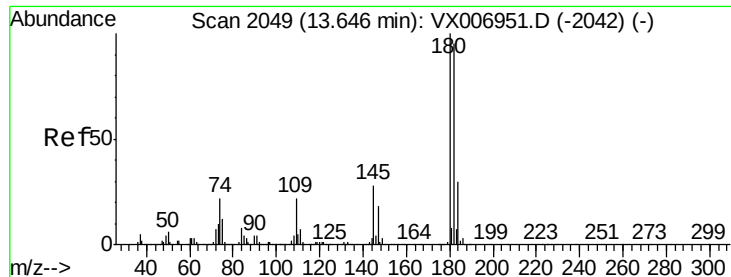
Abundance

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

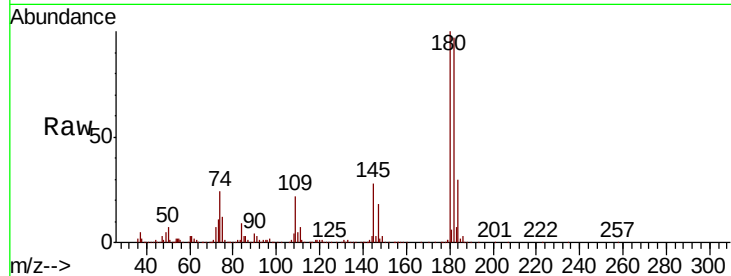




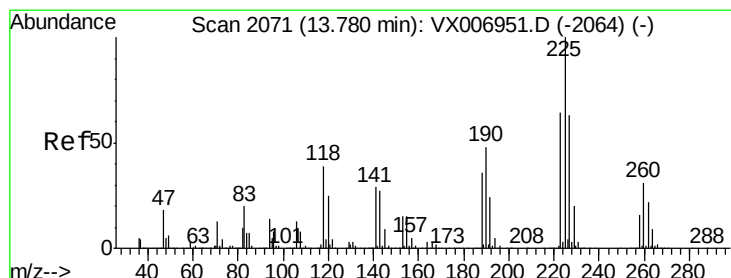
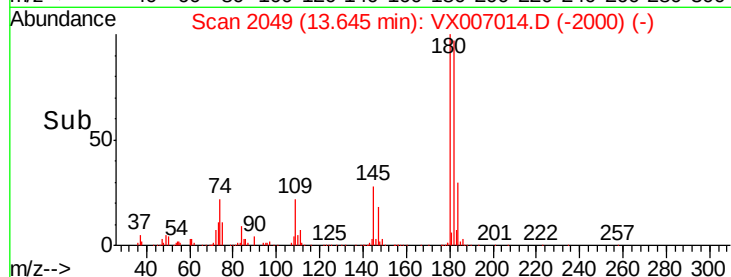
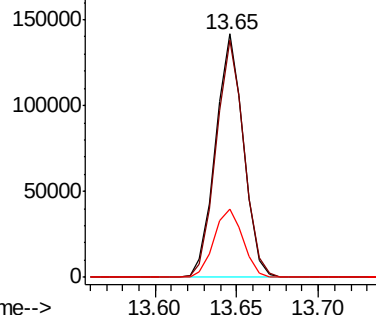
#93
 1,2,4-Trichlorobenzene
 Concen: 18.866 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007014.D
 Acq: 11 Jan 2019 15:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0111WBSD01

Tgt Ion:180 Resp: 169512
 Ion Ratio Lower Upper
 180 100
 182 97.3 47.3 142.0
 145 29.2 14.8 44.3

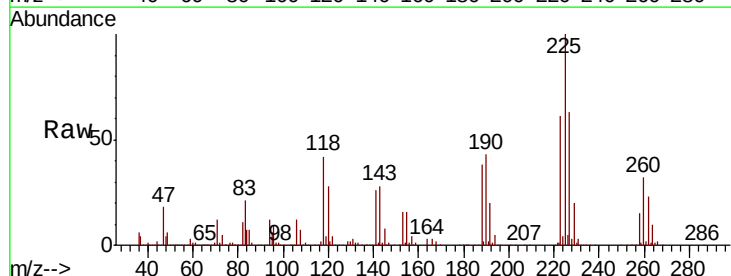


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

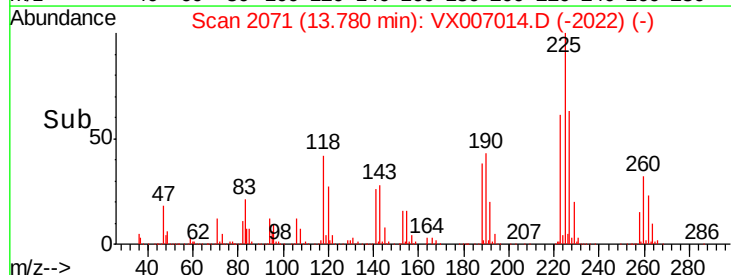
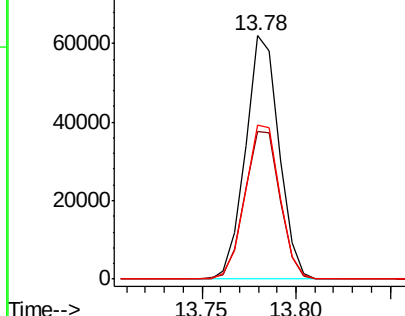


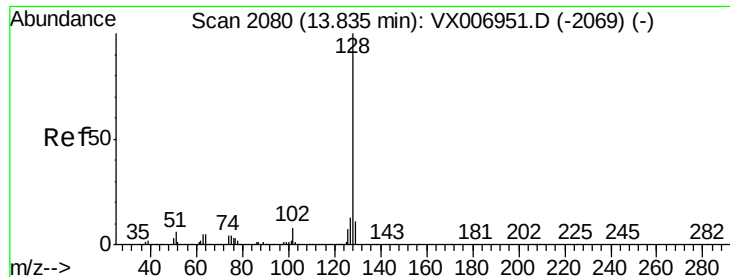
#94
 Hexachlorobutadiene
 Concen: 19.204 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007014.D
 Acq: 11 Jan 2019 15:30

Tgt Ion:225 Resp: 76568
 Ion Ratio Lower Upper
 225 100
 223 63.8 32.1 96.3
 227 65.2 32.3 96.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.328 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA_X

ClientSampleId :

VX0111WBSD01

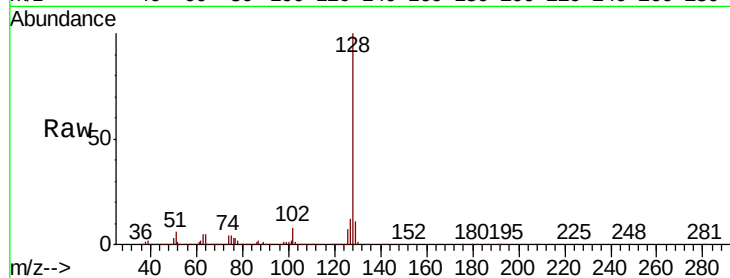
Tgt Ion:128 Resp: 526225

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

129 11.1 8.6 13.0

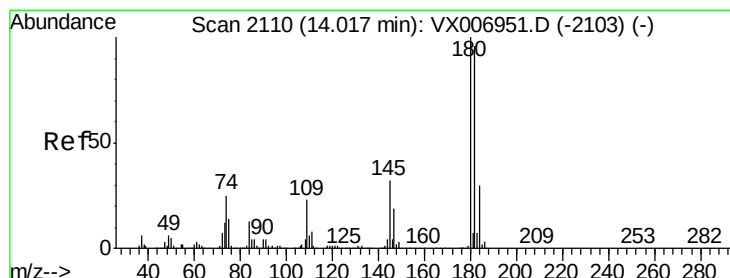
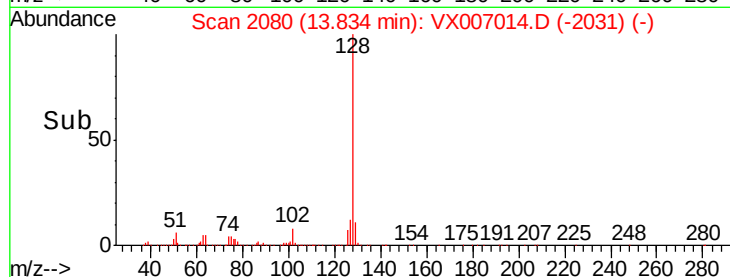
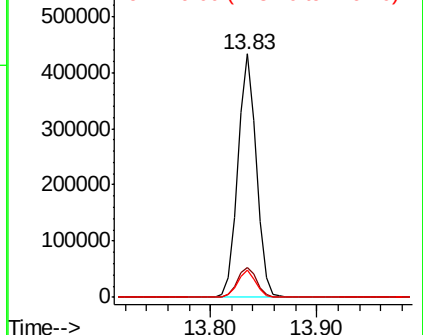


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.793 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

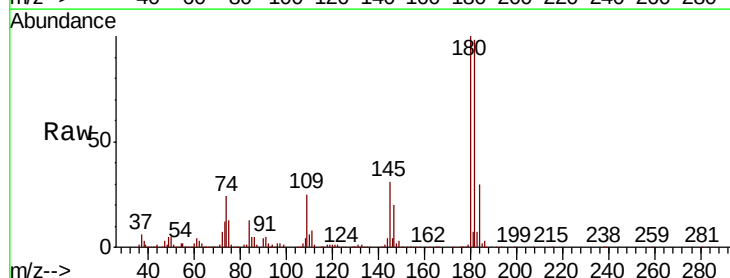
Tgt Ion:180 Resp: 167733

Ion Ratio Lower Upper

180 100

182 97.6 48.5 145.5

145 30.7 16.0 47.9



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

