

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021619\
 Data File : VX007567.D
 Acq On : 15 Feb 2019 14:51
 Operator : JC/SP
 Sample : VX0216WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 16 04:02:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	448613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	666385	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	596024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	296235	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	234640	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
35) Dibromofluoromethane	5.51	113	213560	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
50) Toluene-d8	8.71	98	749968	46.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.24%	
62) 4-Bromofluorobenzene	11.13	95	258831	44.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.14%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	97875	17.869	ug/l	100
3) Chloromethane	1.33	50	88003	17.416	ug/l	98
4) Vinyl Chloride	1.41	62	95759	19.317	ug/l	99
5) Bromomethane	1.64	94	87503	17.534	ug/l	97
6) Chloroethane	1.73	64	62901	19.615	ug/l	93
7) Trichlorofluoromethane	1.93	101	153512	19.796	ug/l	97
8) Diethyl Ether	2.19	74	59750	20.471	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	87672	19.007	ug/l	99
10) Methyl Iodide	2.51	142	107109	15.785	ug/l	98
11) Tert butyl alcohol	3.07	59	109454	111.072	ug/l	96
12) 1,1-Dichloroethene	2.38	96	80184	18.720	ug/l	98
13) Acrolein	2.30	56	48154	104.208	ug/l	99
14) Allyl chloride	2.73	41	145047	20.783	ug/l	98
15) Acrylonitrile	3.15	53	261026	107.077	ug/l	99
16) Acetone	2.45	43	254998	116.908	ug/l	100
17) Carbon Disulfide	2.57	76	189288	18.304	ug/l	98
18) Methyl Acetate	2.78	43	143831	25.601	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	287968	20.752	ug/l	99
20) Methylene Chloride	2.86	84	92391	20.506	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	84682	18.559	ug/l	96
22) Diisopropyl ether	3.87	45	273519	21.306	ug/l	95
23) Vinyl Acetate	3.82	43	1112824	104.460	ug/l	99
24) 1,1-Dichloroethane	3.70	63	154108	20.903	ug/l	98
25) 2-Butanone	4.70	43	351650	113.286	ug/l	99
26) 2,2-Dichloropropane	4.59	77	115806	20.626	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	100117	20.089	ug/l	99
28) Bromochloromethane	5.01	49	72571	21.405	ug/l	100
29) Tetrahydrofuran	5.15	42	221876	113.651	ug/l	99
30) Chloroform	5.21	83	160070	20.807	ug/l	96
31) Cyclohexane	5.58	56	124212	18.759	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	134833	20.764	ug/l	100
36) 1,1-Dichloropropene	5.80	75	111535	18.654	ug/l	99
37) Ethyl Acetate	4.85	43	126681	20.960	ug/l	98
38) Carbon Tetrachloride	5.79	117	116482	20.081	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	130247	18.005	ug/l	97
40) Benzene	6.15	78	346488	19.673	ug/l	98
41) Methacrylonitrile	5.06	41	70331	21.712	ug/l	97
42) 1,2-Dichloroethane	6.20	62	120315	19.744	ug/l	99
43) Isopropyl Acetate	6.46	43	196795	21.095	ug/l	99
44) Trichloroethene	7.21	130	100879	19.018	ug/l	94
45) 1,2-Dichloropropane	7.51	63	90917	20.603	ug/l	99
46) Dibromomethane	7.66	93	63508	19.801	ug/l	97
47) Bromodichloromethane	7.90	83	111035	20.427	ug/l	97
48) Methyl methacrylate	7.77	41	100347	21.504	ug/l	99
49) 1,4-Dioxane	7.75	88	44899	427.054	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	661713	107.746	ug/l	100
52) Toluene	8.79	92	218961	19.269	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	116662	19.981	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	132672	20.663	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	97406	20.564	ug/l	94
56) Ethyl methacrylate	9.18	69	132893	20.257	ug/l	100
57) 1,3-Dichloropropane	9.37	76	153521	20.380	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	351197	101.563	ug/l	99
59) 2-Hexanone	9.49	43	506146	105.909	ug/l	99
60) Dibromochloromethane	9.58	129	95389	21.293	ug/l	99
61) 1,2-Dibromoethane	9.67	107	99307	19.797	ug/l	95
64) Tetrachloroethene	9.34	164	102211	18.194	ug/l	98
65) Chlorobenzene	10.14	112	251890	19.367	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	91047	20.879	ug/l	99
67) Ethyl Benzene	10.25	91	407314	19.447	ug/l	97
68) m/p-Xylenes	10.36	106	317323	38.112	ug/l	100
69) o-Xylene	10.69	106	157059	19.604	ug/l	100
70) Styrene	10.71	104	252459	19.430	ug/l	99
71) Bromoform	10.85	173	68983	20.612	ug/l #	99
73) Isopropylbenzene	11.02	105	418558	20.792	ug/l	99
74) N-amyl acetate	10.90	43	169133	21.722	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	140803	22.951	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	152067	26.391	ug/l	79
77) Bromobenzene	11.26	156	113027	19.927	ug/l	97
78) n-propylbenzene	11.36	91	460382	20.856	ug/l	100
79) 2-Chlorotoluene	11.42	91	273680	20.432	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	336227	20.415	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	36416	22.111	ug/l	96
82) 4-Chlorotoluene	11.51	91	316935	20.449	ug/l	99
83) tert-Butylbenzene	11.77	119	337255	20.683	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	349268	20.889	ug/l	99
85) sec-Butylbenzene	11.94	105	413001	20.927	ug/l	99
86) p-Isopropyltoluene	12.06	119	360271	20.223	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	199927	19.641	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	200702	19.434	ug/l	98
89) n-Butylbenzene	12.38	91	303006	19.772	ug/l	99
90) Hexachloroethane	12.60	117	57668	21.629	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	202816	20.021	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	28161	22.076	ug/l	99

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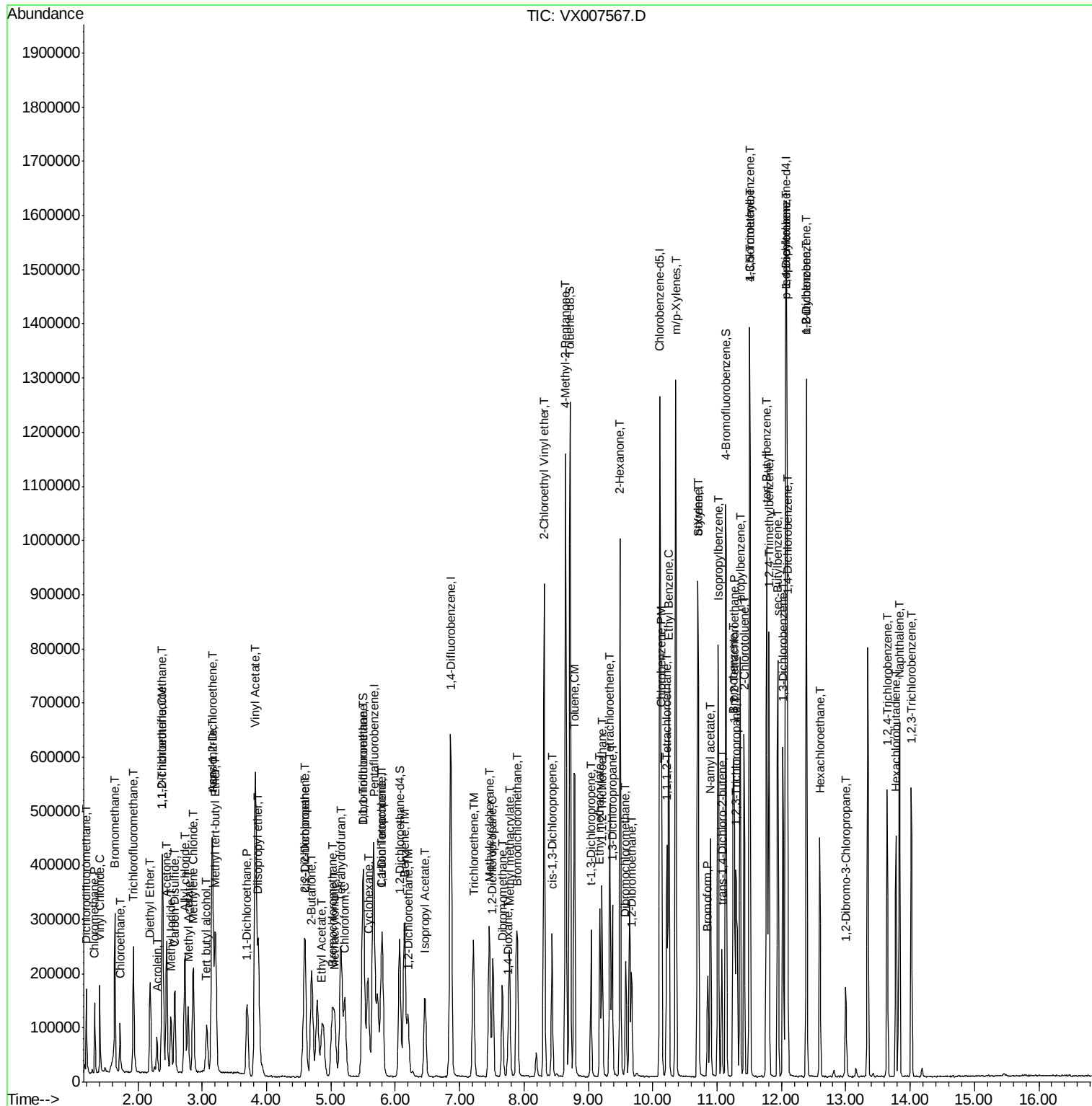
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	134037	19.620	ug/l	99
94) Hexachlorobutadiene	13.78	225	64392	19.411	ug/l	99
95) Naphthalene	13.83	128	418976	20.972	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	132459	19.262	ug/l	98

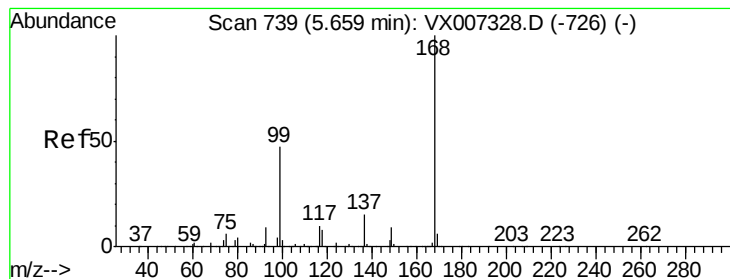
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Instrument :

MSVOA_W

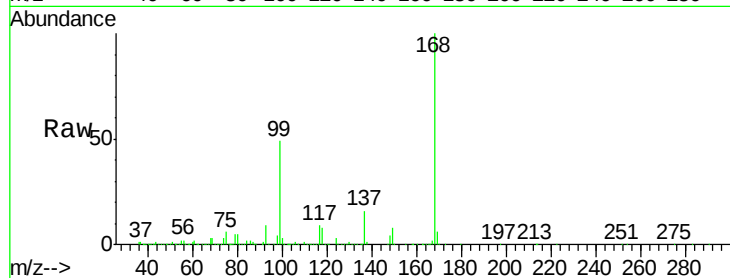
ClientSampleId :

Tot Ion:168 Resp: 448613

Ion Ratio Lower Upper

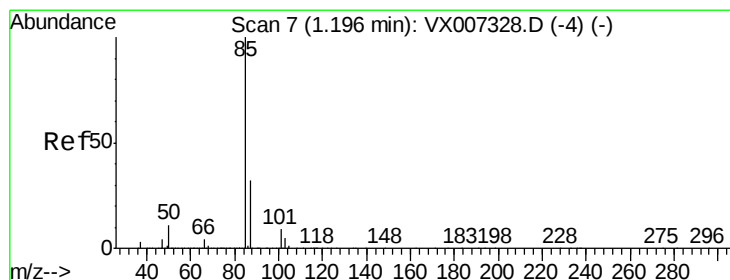
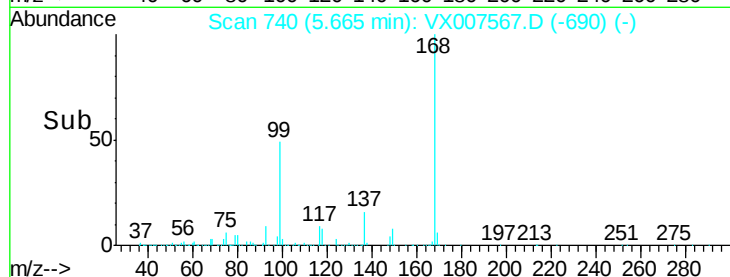
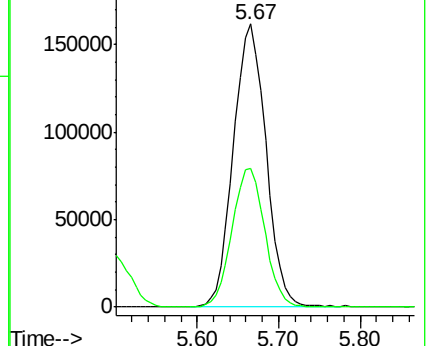
168 100

99 49.0 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.869 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007567.D

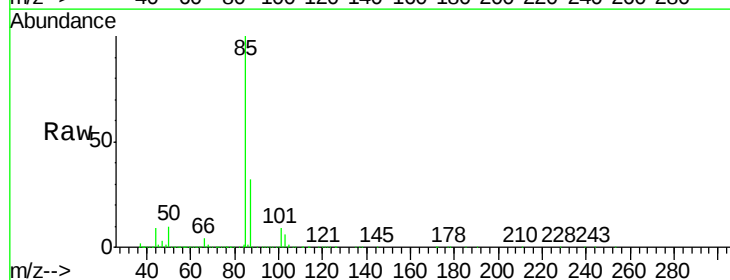
Acq: 15 Feb 2019 14:51

Tgt Ion: 85 Resp: 97875

Ion Ratio Lower Upper

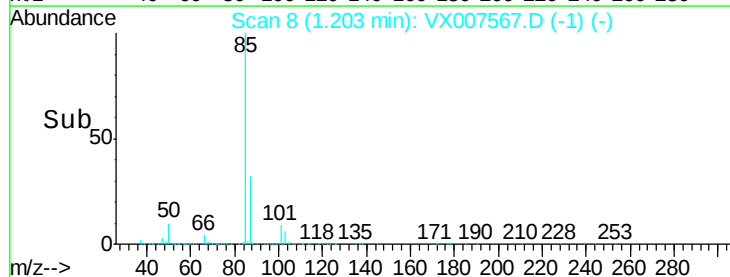
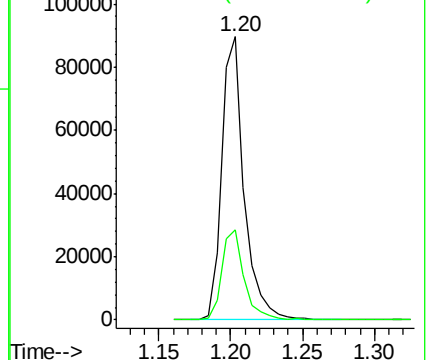
85 100

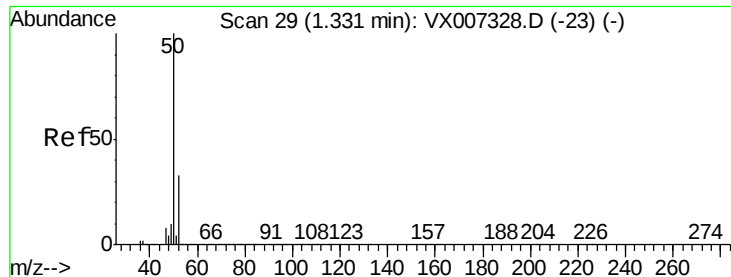
87 31.9 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.416 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Instrument :

MSVOA_W

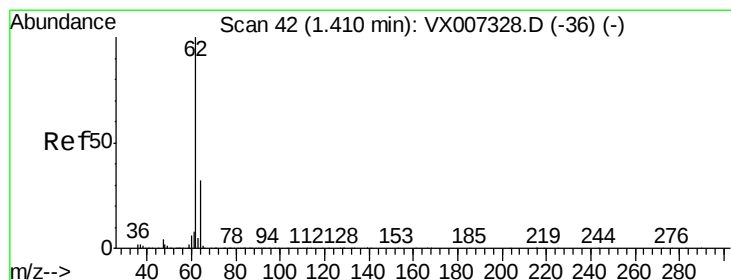
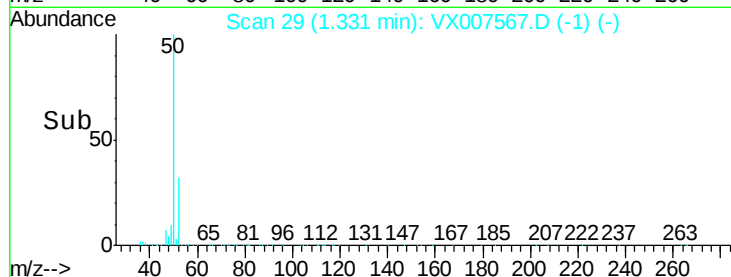
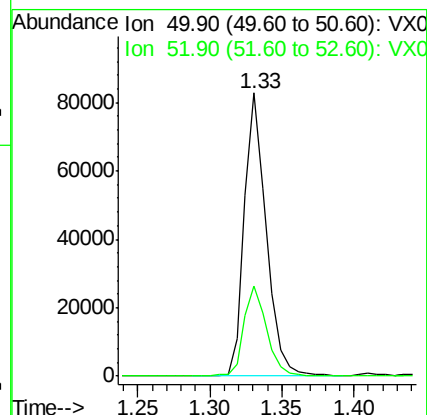
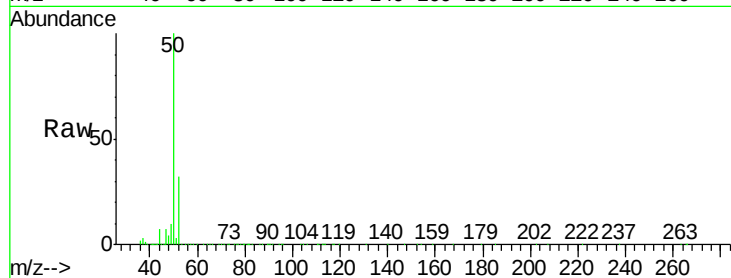
ClientSampleId :

Tot Ion: 50 Resp: 88003

Ion Ratio Lower Upper

50 100

52 31.7 26.1 39.1



#4

Vinyl Chloride

Concen: 19.317 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007567.D

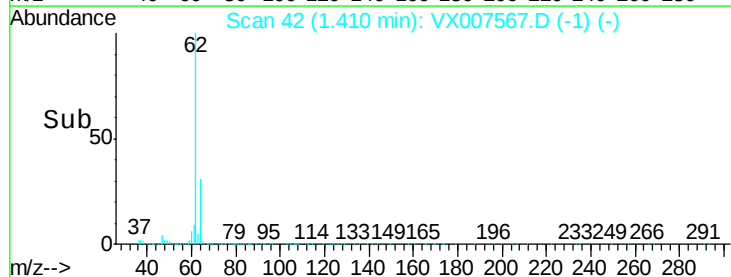
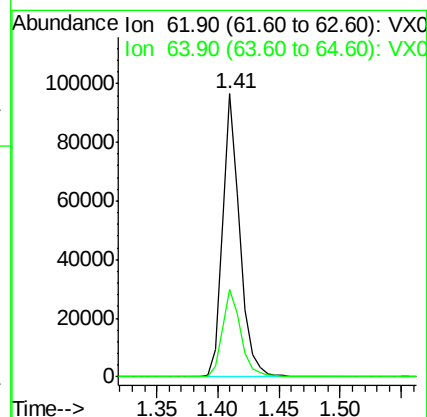
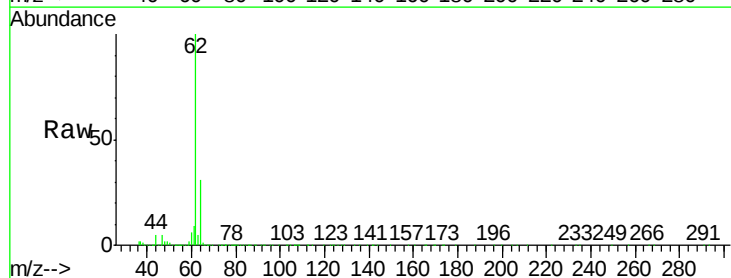
Acq: 15 Feb 2019 14:51

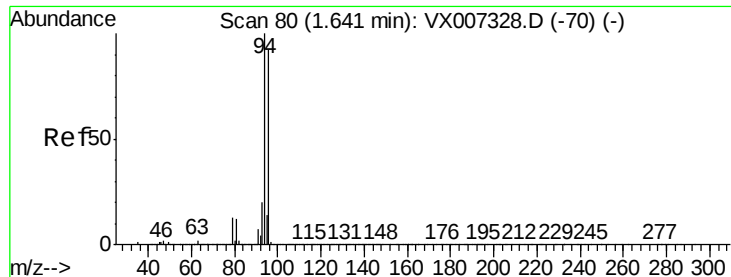
Tgt Ion: 62 Resp: 95759

Ion Ratio Lower Upper

62 100

64 30.9 25.4 38.0





#5

Bromomethane

Concen: 17.534 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Instrument :

MSVOA_W

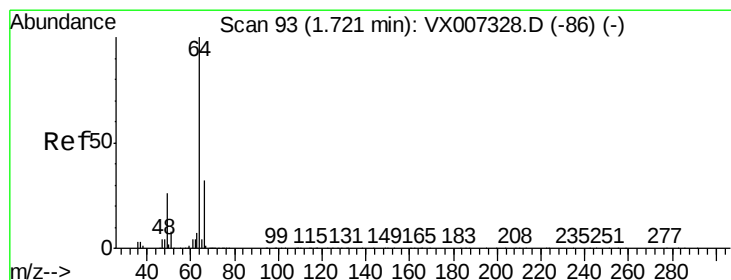
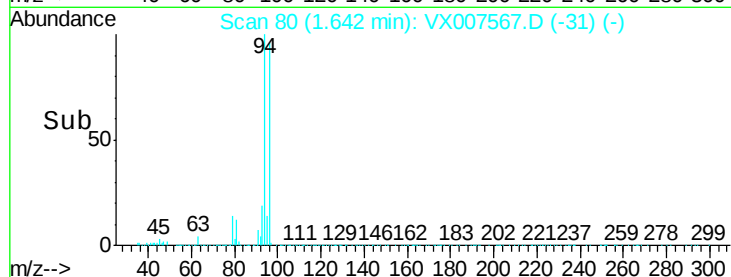
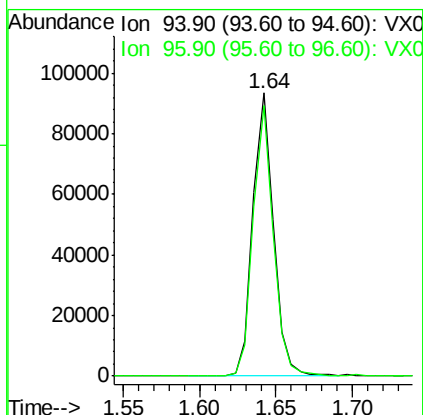
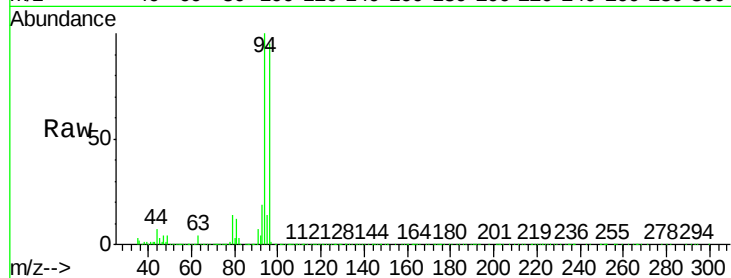
ClientSampleId :

Tot Ion: 94 Resp: 87503

Ion Ratio Lower Upper

94 100

96 95.5 73.9 110.9



#6

Chloroethane

Concen: 19.615 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007567.D

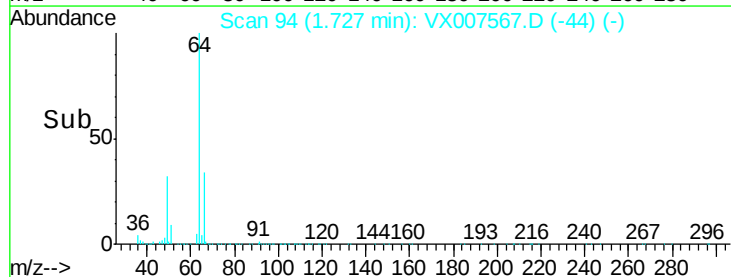
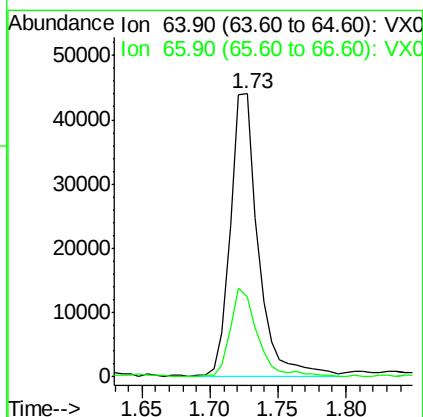
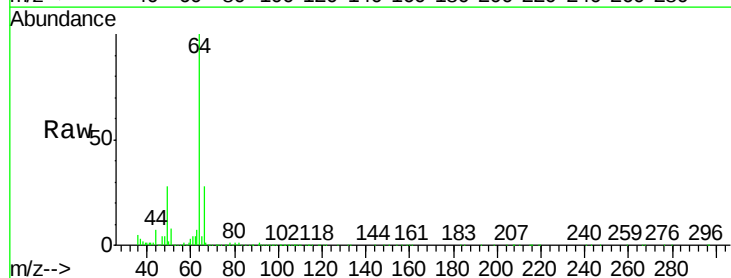
Acq: 15 Feb 2019 14:51

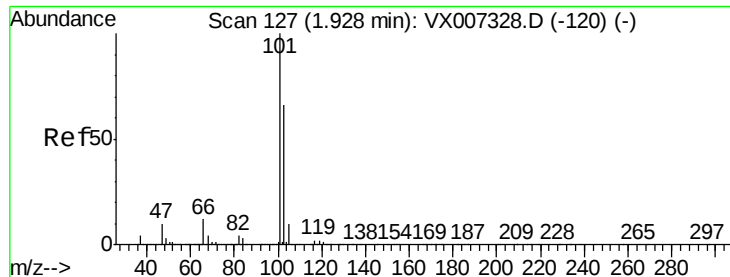
Tgt Ion: 64 Resp: 62901

Ion Ratio Lower Upper

64 100

66 28.2 25.5 38.3



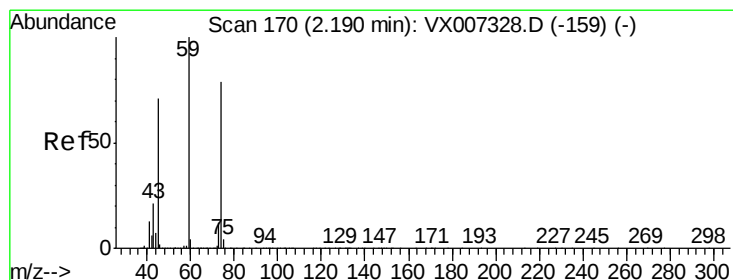
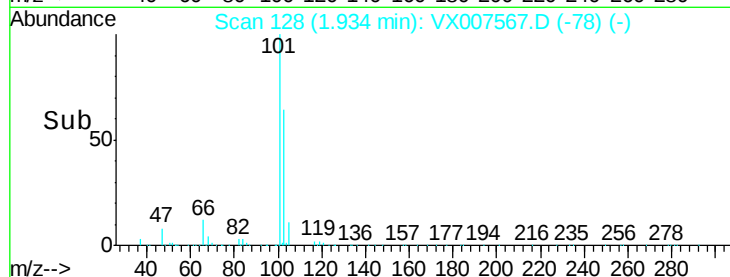
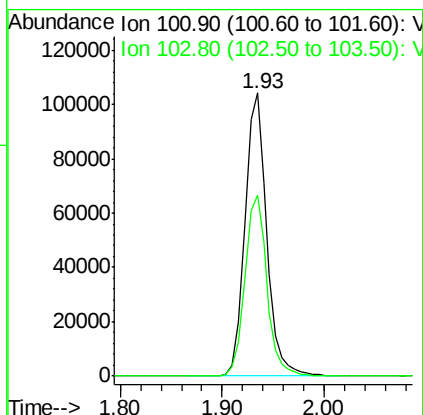
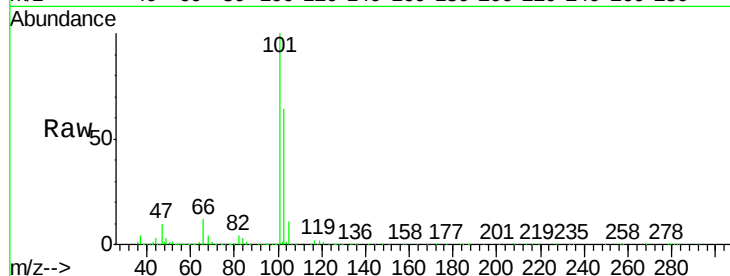


#7

Trichlorofluoromethane
Concen: 19.796 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

Instrument :
MSVOA_W
ClientSampleId :

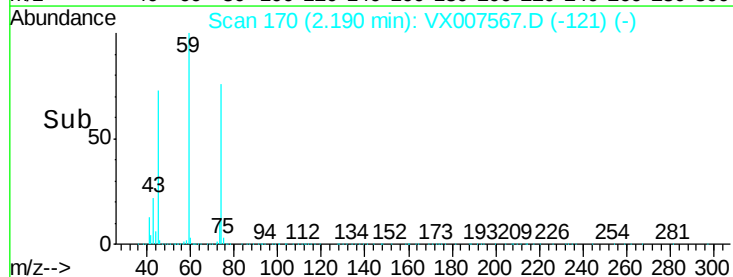
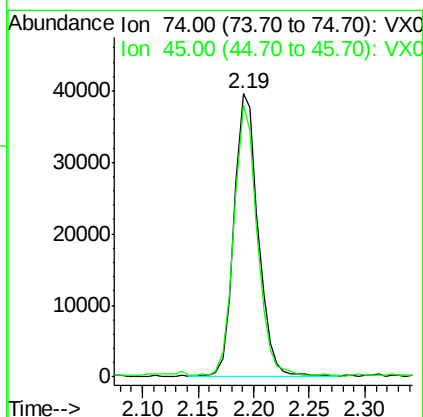
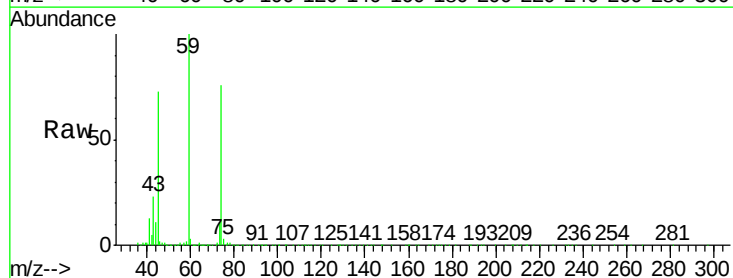
Tot Ion:101 Resp: 153512
Ion Ratio Lower Upper
101 100
103 63.8 52.6 79.0

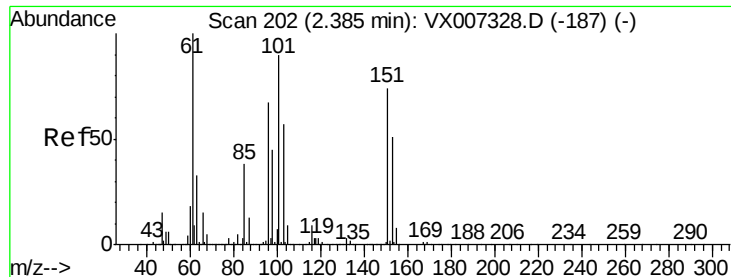


#8

Diethyl Ether
Concen: 20.471 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

Tgt Ion: 74 Resp: 59750
Ion Ratio Lower Upper
74 100
45 91.4 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.007 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Instrument :

MSVOA_W

ClientSampleId :

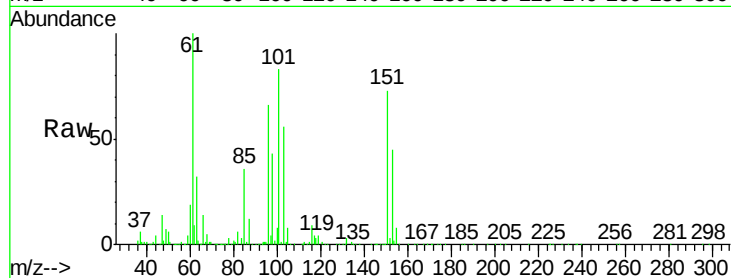
Tot Ion:101 Resp: 87672

Ion Ratio Lower Upper

101 100

85 44.5 34.1 51.1

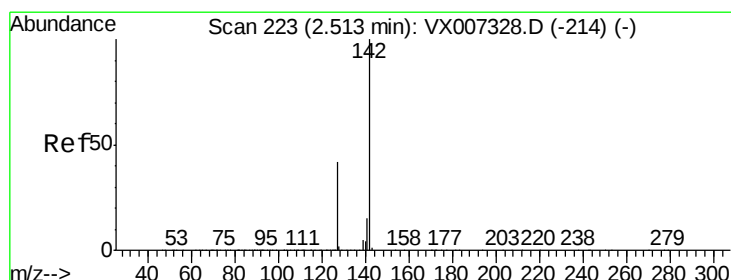
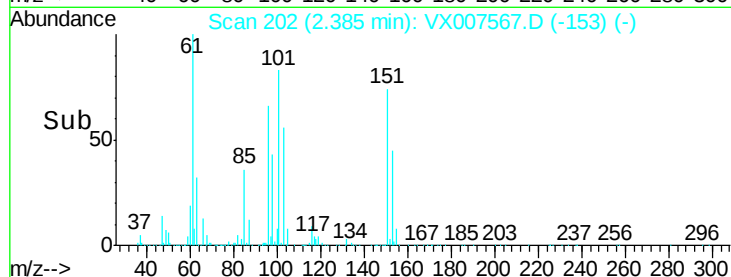
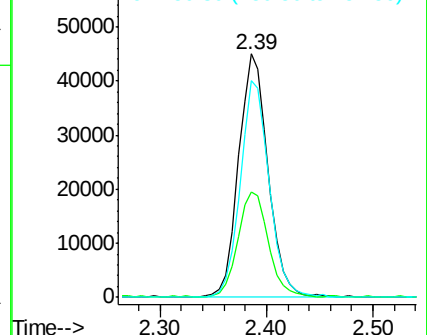
151 87.6 69.9 104.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.785 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

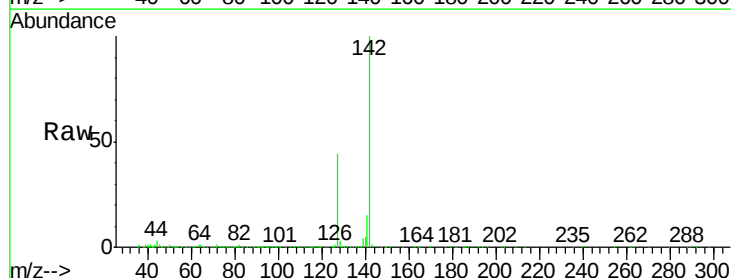
Tgt Ion:142 Resp: 107109

Ion Ratio Lower Upper

142 100

127 43.2 33.7 50.5

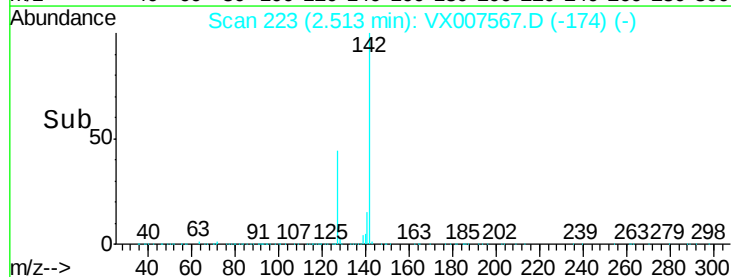
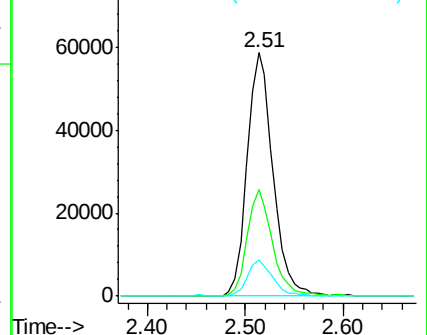
141 14.7 11.3 16.9

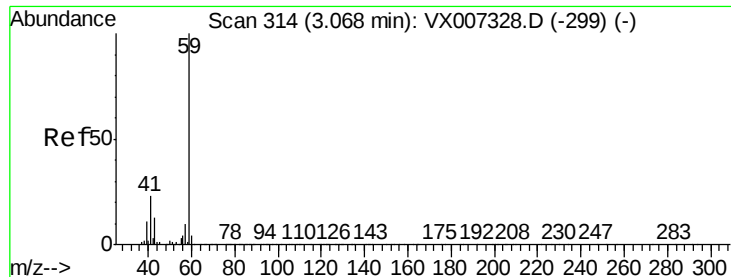


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



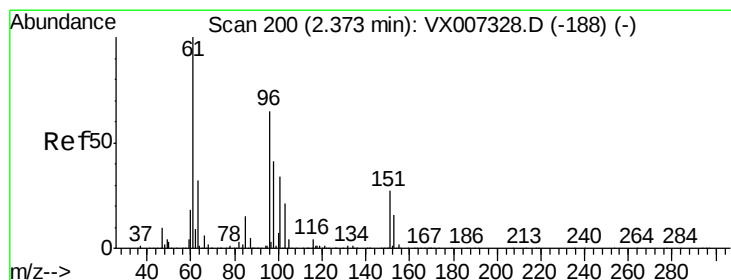
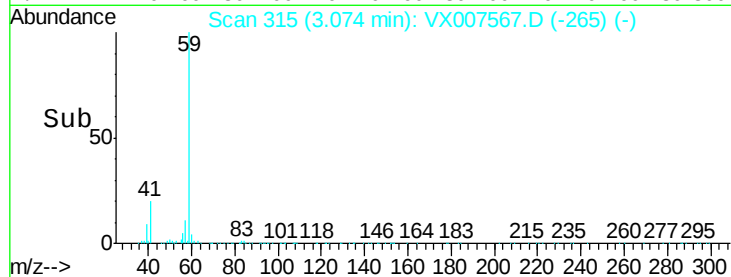
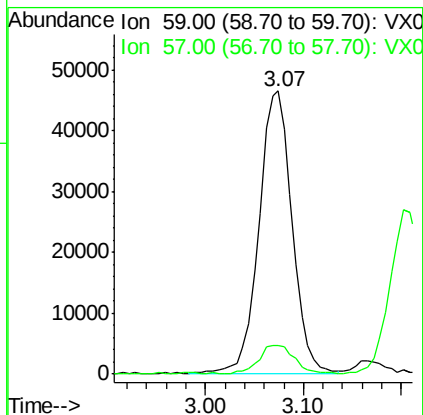
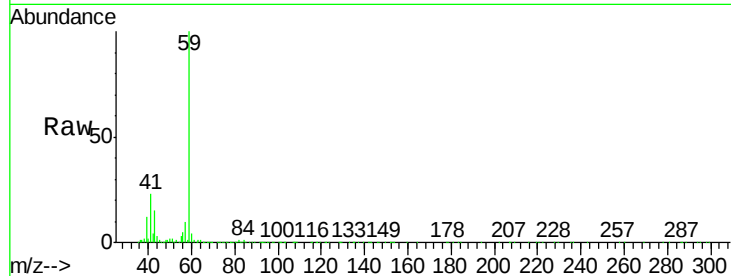


#11

Tert butyl alcohol
Concen: 111.072 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.01 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

Instrument :
MSVOA_W
ClientSampled :

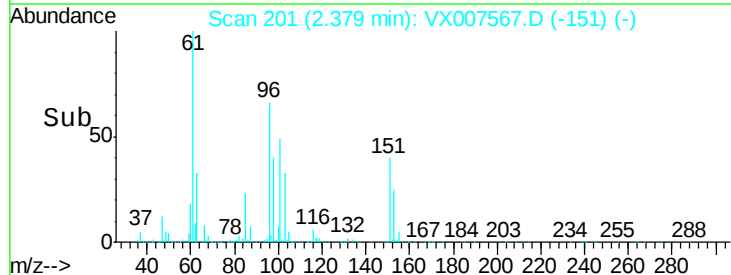
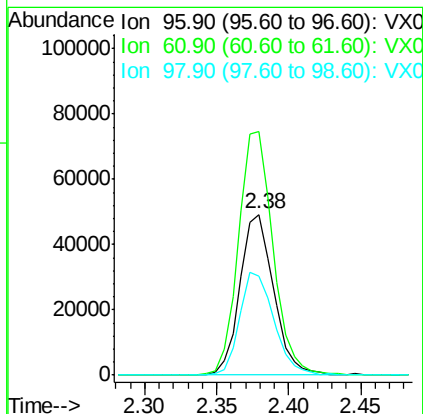
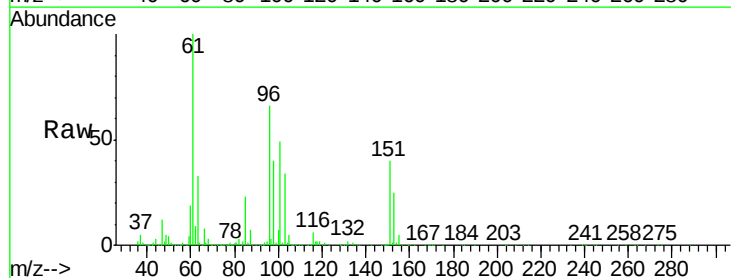
Tot Ion: 59 Resp: 109454
Ion Ratio Lower Upper
59 100
57 11.4 8.1 12.1

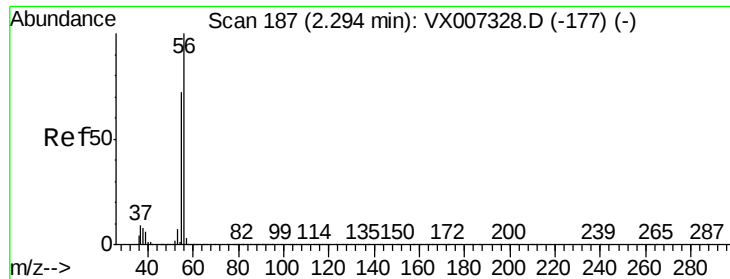


#12

1,1-Dichloroethene
Concen: 18.720 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

Tgt Ion: 96 Resp: 80184
Ion Ratio Lower Upper
96 100
61 151.4 123.0 184.4
98 61.4 50.9 76.3





#13

Acrolein

Concen: 104.208 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Instrument :

MSVOA_W

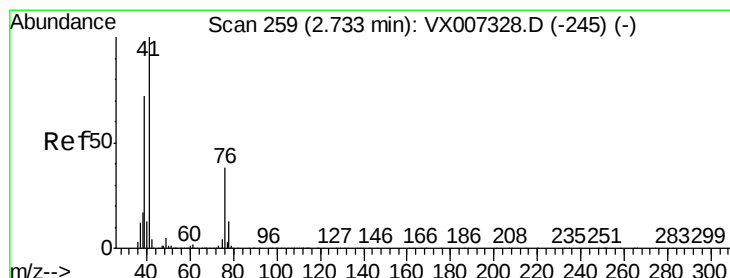
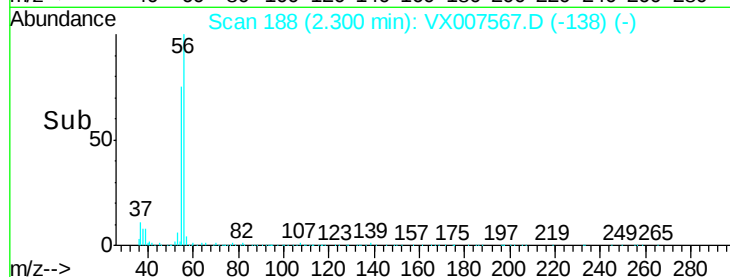
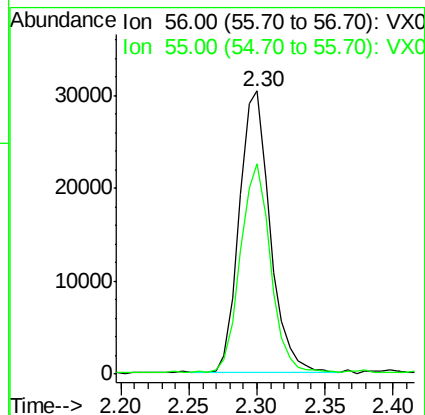
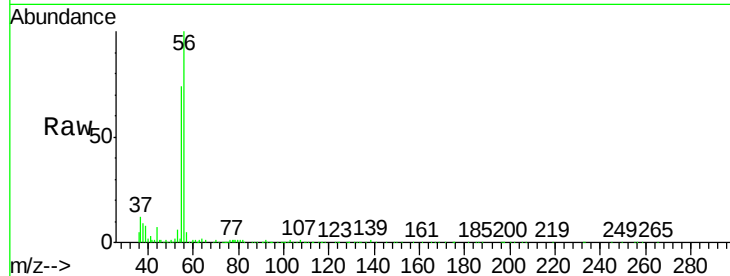
ClientSampleId :

Tot Ion: 56 Resp: 48154

Ion Ratio Lower Upper

56 100

55 72.2 56.9 85.3



#14

Allyl chloride

Concen: 20.783 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

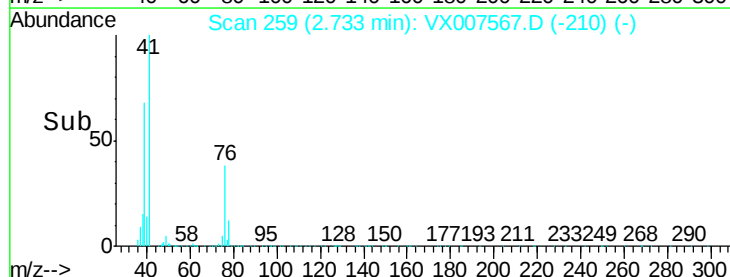
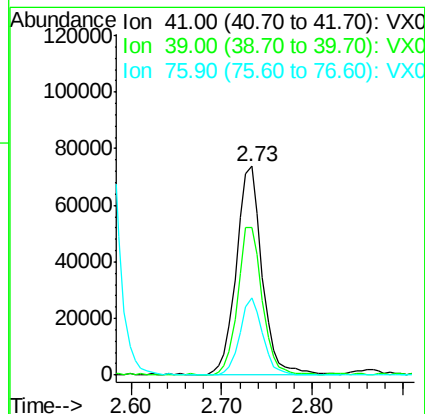
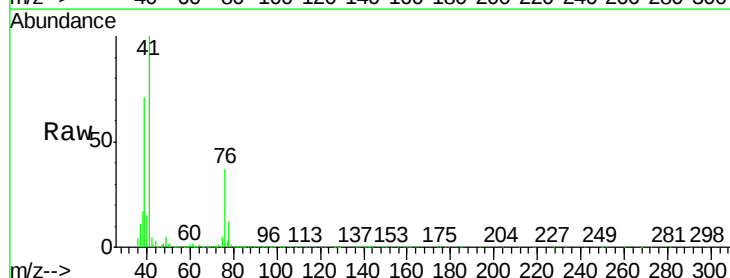
Tgt Ion: 41 Resp: 145047

Ion Ratio Lower Upper

41 100

39 66.5 54.1 81.1

76 32.6 27.8 41.8





#15

Acrylonitrile

Concen: 107.077 ug/l

RT: 3.15 min Scan# 328

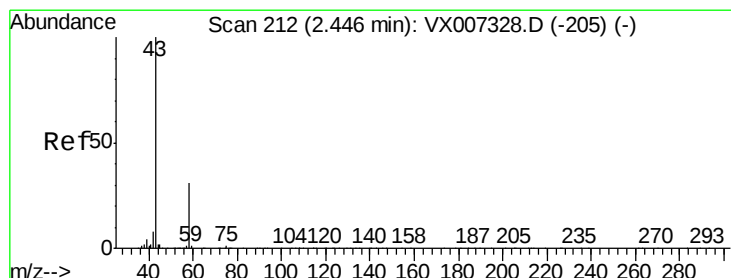
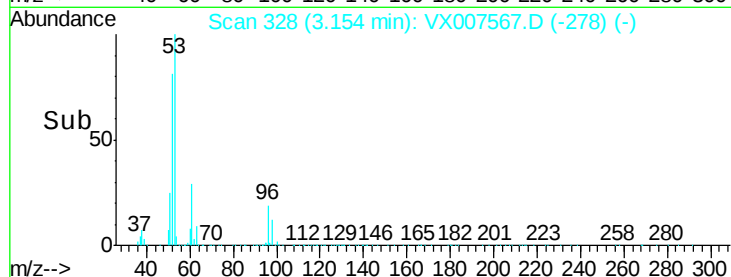
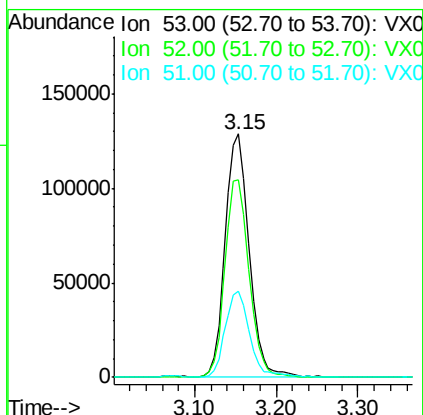
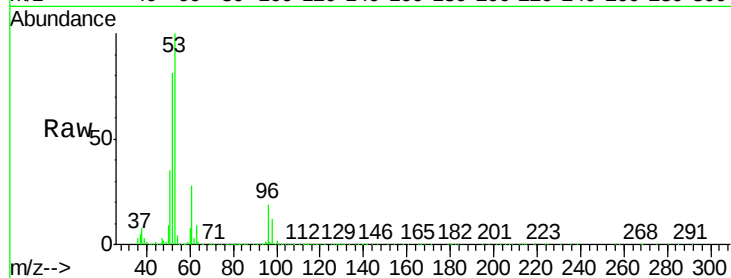
Delta R.T. 0.01 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	53	Resp:	261026
Ion	Ratio	Lower	Upper
53	100		
52	81.5	66.4	99.6
51	35.7	28.4	42.6



#16

Acetone

Concen: 116.908 ug/l

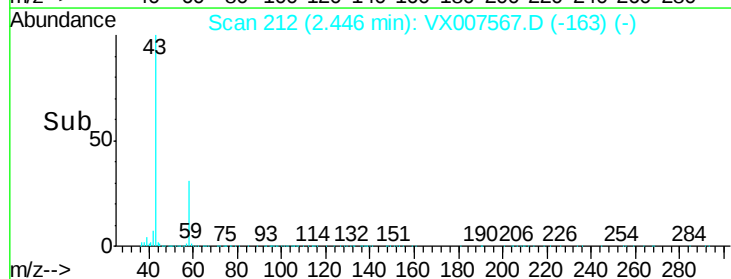
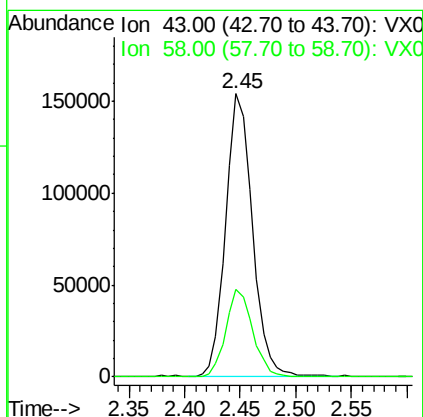
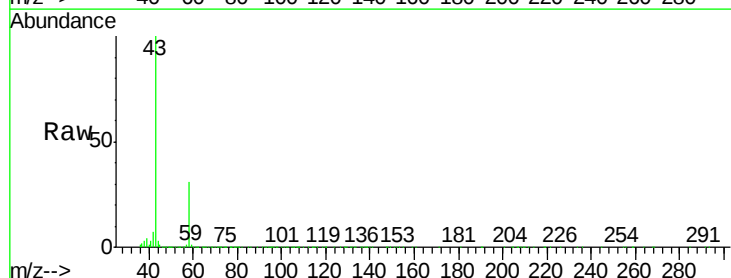
RT: 2.45 min Scan# 212

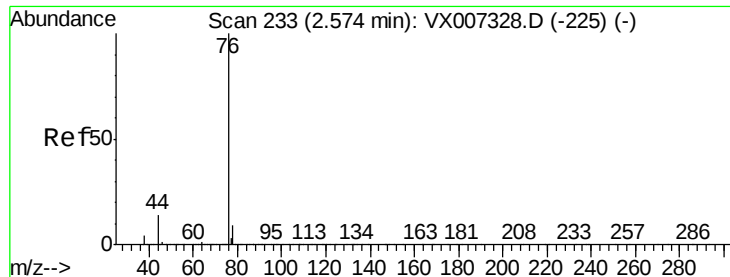
Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Tgt Ion:	43	Resp:	254998
Ion	Ratio	Lower	Upper
43	100		
58	31.1	24.9	37.3





#17

Carbon Disulfide

Concen: 18.304 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Instrument :

MSVOA_W

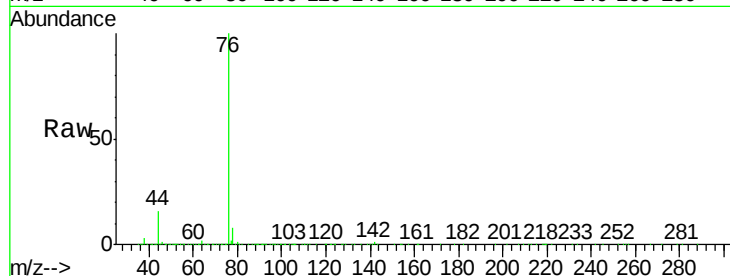
ClientSampleId :

Tot Ion: 76 Resp: 189288

Ion Ratio Lower Upper

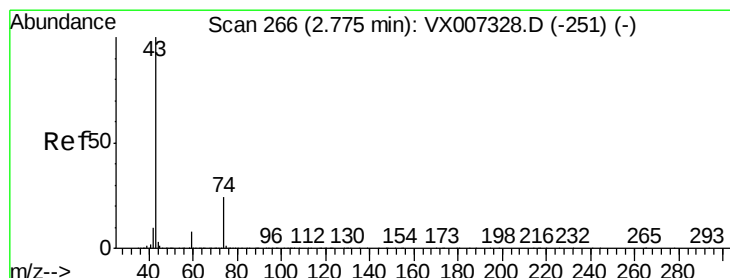
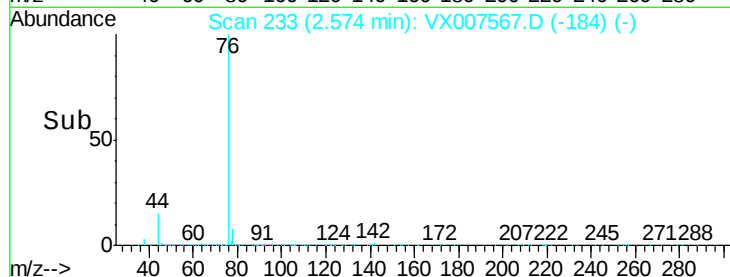
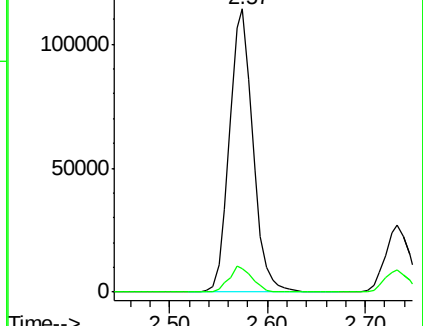
76 100

78 8.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 25.601 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX007567.D

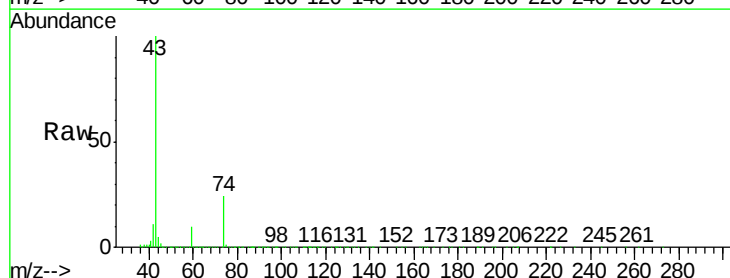
Acq: 15 Feb 2019 14:51

Tgt Ion: 43 Resp: 143831

Ion Ratio Lower Upper

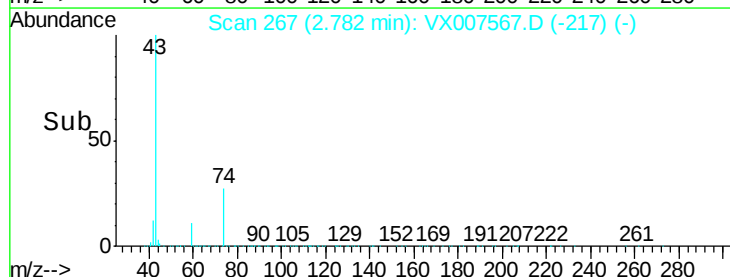
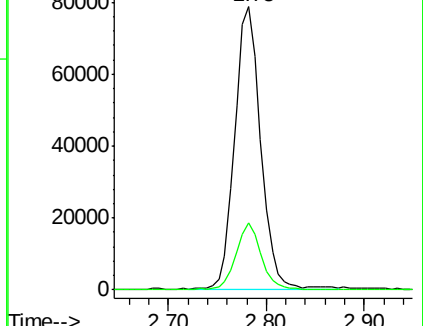
43 100

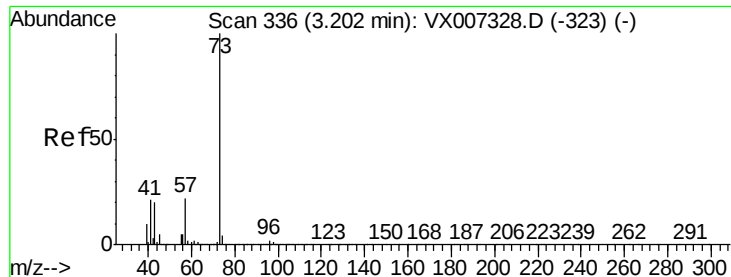
74 23.5 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

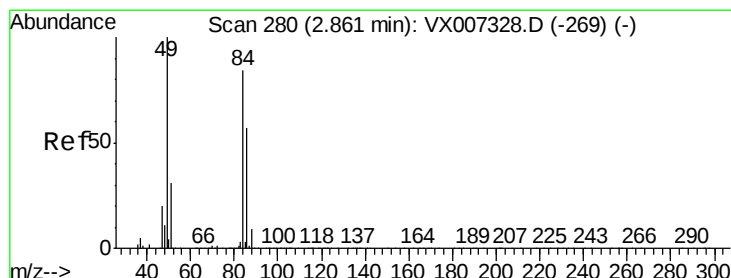
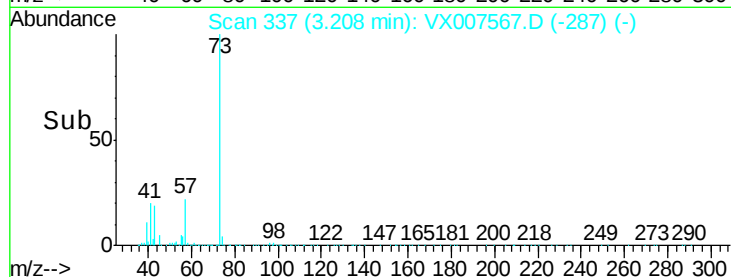
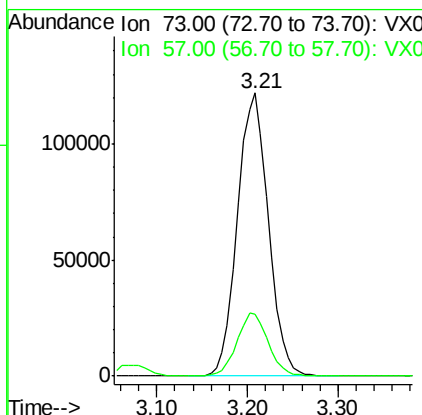
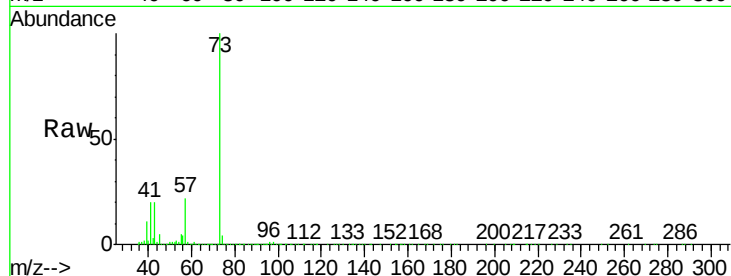




#19
Methvl tert-butvl Ether
Concen: 20.752 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

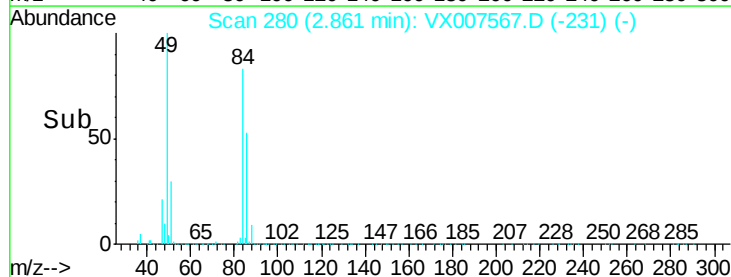
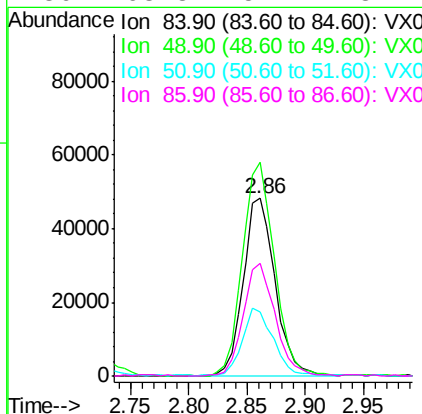
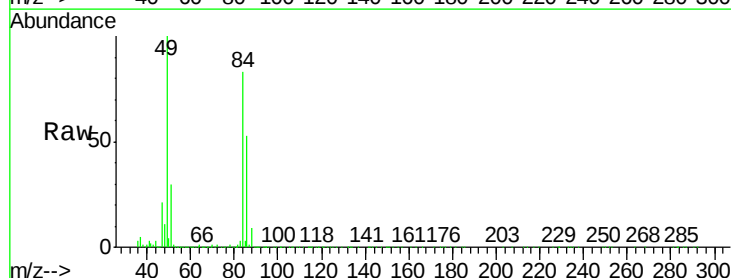
Instrument :
MSVOA_W
ClientSampleId :

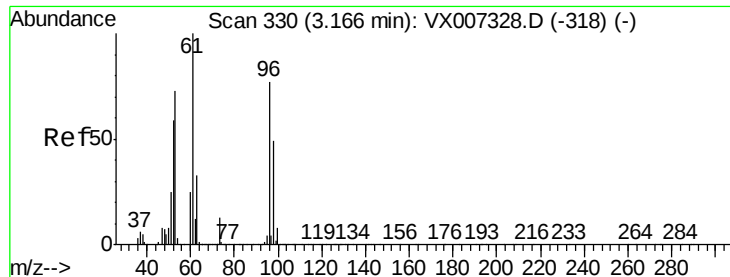
Tot Ion: 73 Resp: 287968
Ion Ratio Lower Upper
73 100
57 21.7 17.8 26.8



#20
Methylene Chloride
Concen: 20.506 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

Tgt Ion: 84 Resp: 92391
Ion Ratio Lower Upper
84 100
49 119.8 94.8 142.2
51 35.5 29.8 44.8
86 63.8 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 18.559 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Instrument :
MSVOA_W
ClientSampleId :

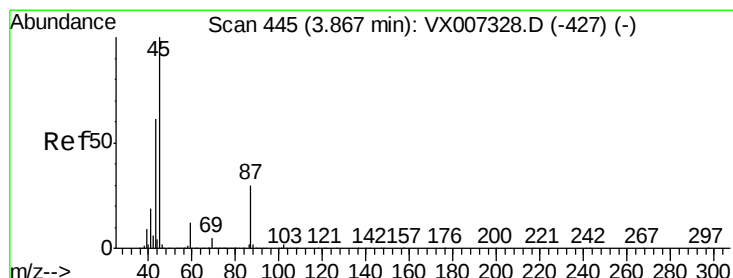
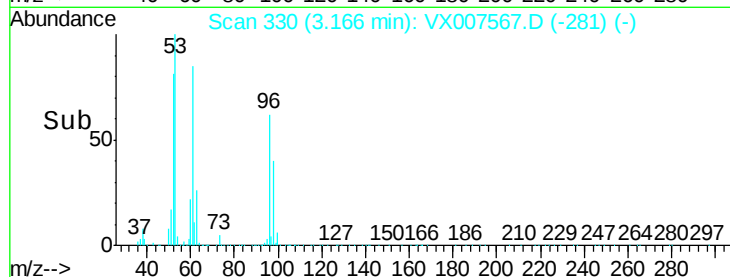
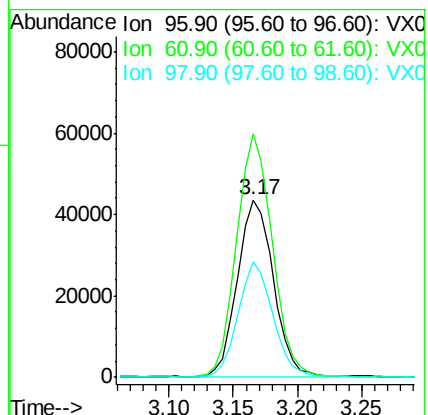
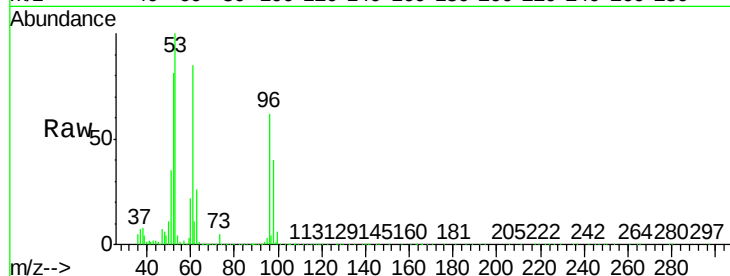
Tot Ion: 96 Resp: 84682

Ion Ratio Lower Upper

96 100

61 136.9 104.6 156.8

98 65.0 51.0 76.4



#22

Diisopropyl ether

Concen: 21.306 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Tgt Ion: 45 Resp: 273519

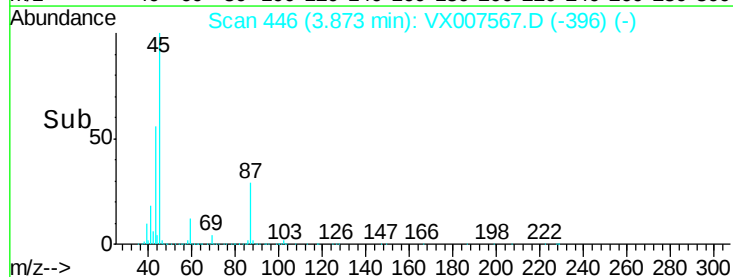
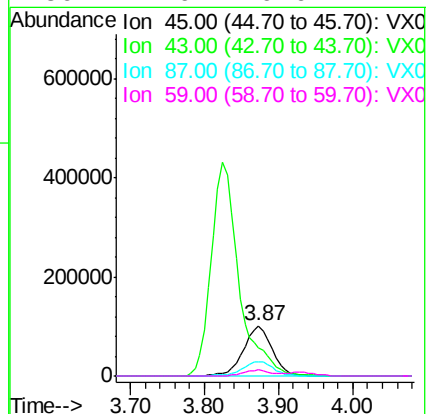
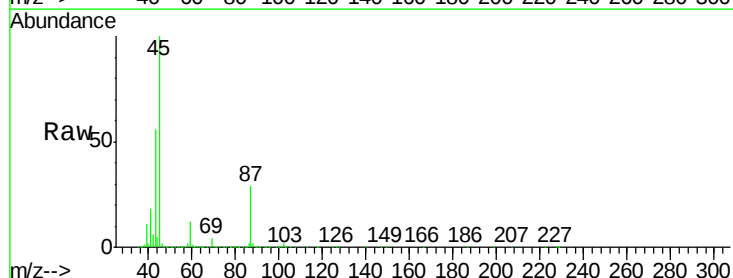
Ion Ratio Lower Upper

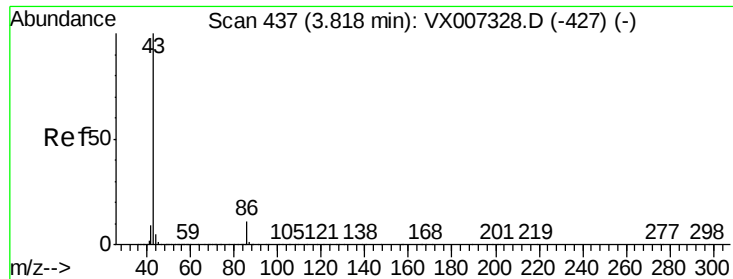
45 100

43 55.5 48.9 73.3

87 28.9 23.9 35.9

59 11.6 9.6 14.4





#23

Vinyl Acetate

Concen: 104.460 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

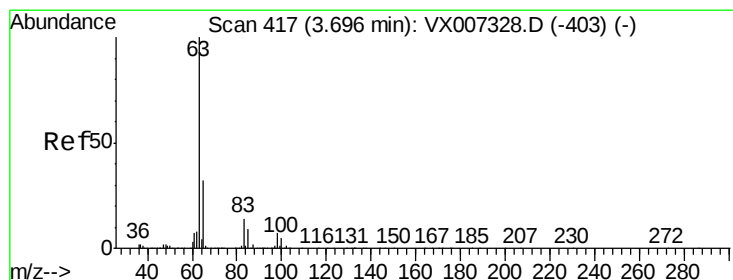
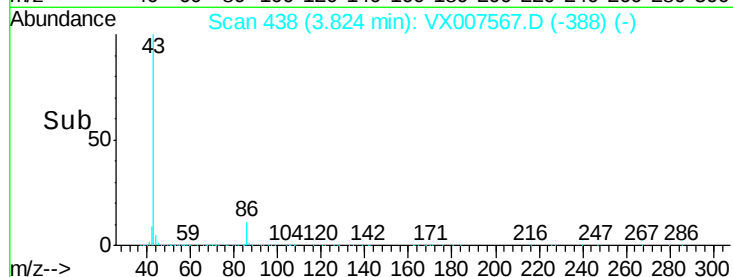
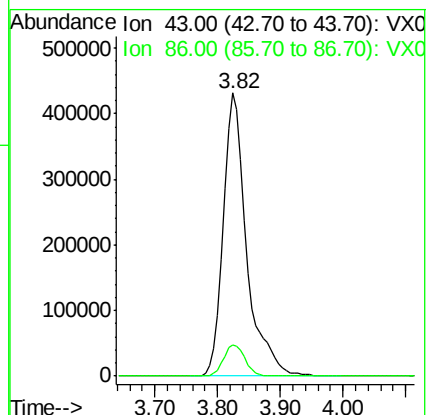
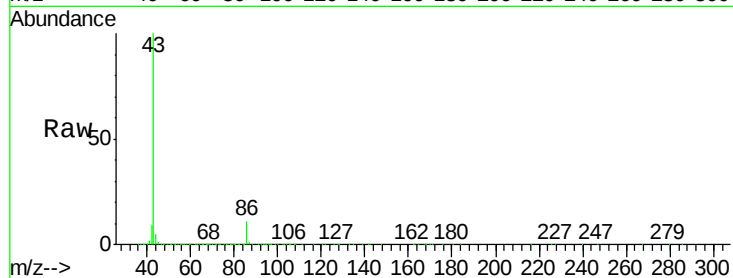
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 1112824

Ion Ratio Lower Upper

43 100

86 11.2 8.7 13.1



#24

1,1-Dichloroethane

Concen: 20.903 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

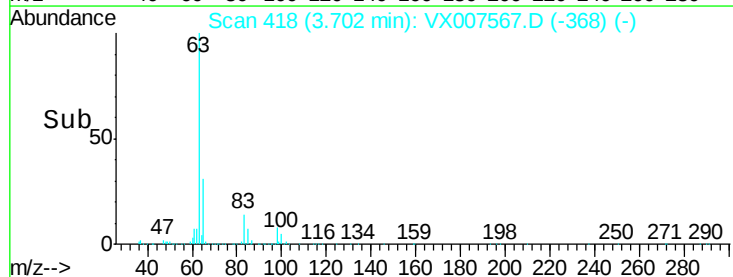
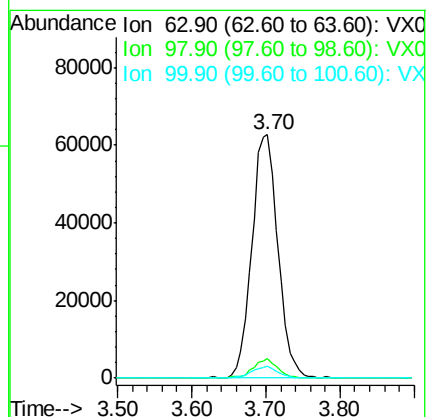
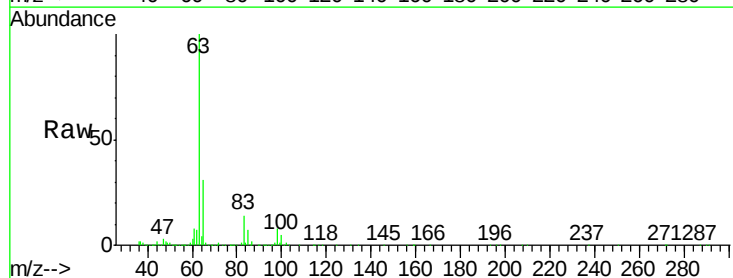
Tgt Ion: 63 Resp: 154108

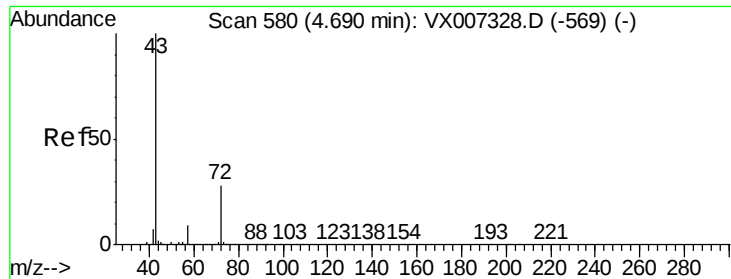
Ion Ratio Lower Upper

63 100

98 8.0 3.6 10.8

100 4.7 2.5 7.4





#25

2-Butanone

Concen: 113.286 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

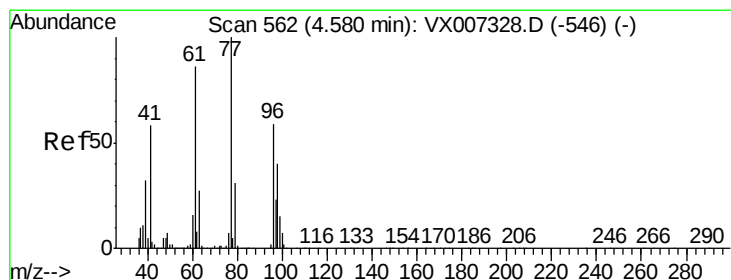
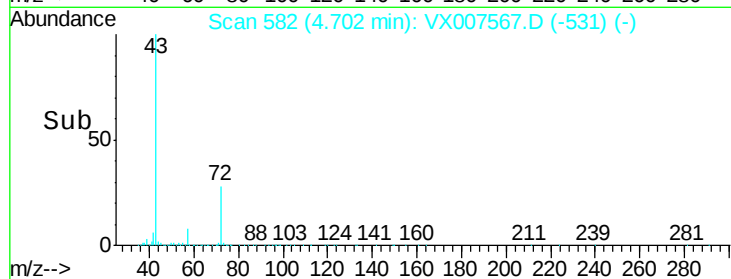
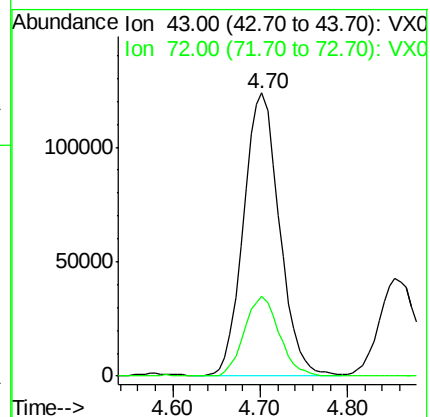
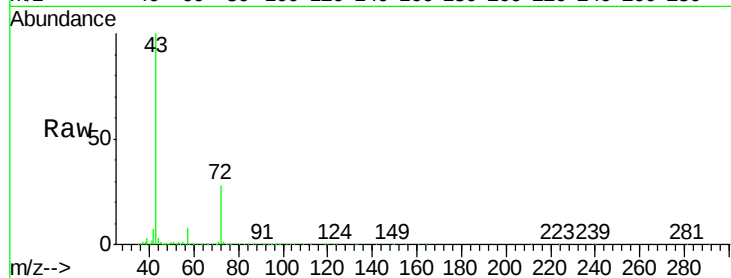
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 351650

Ion Ratio Lower Upper

43 100

72 28.2 22.2 33.2



#26

2,2-Dichloropropane

Concen: 20.626 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX007567.D

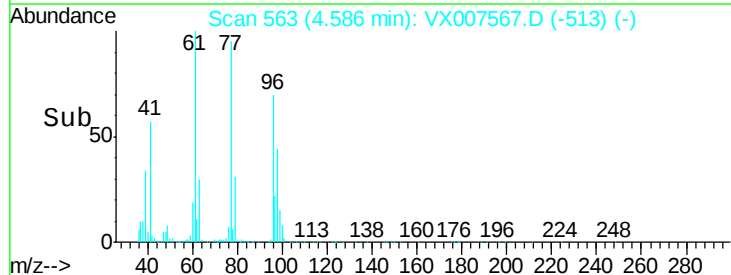
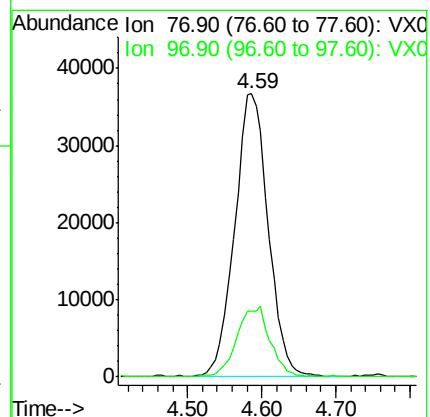
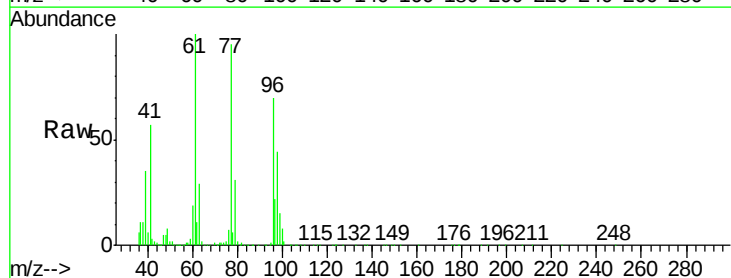
Acq: 15 Feb 2019 14:51

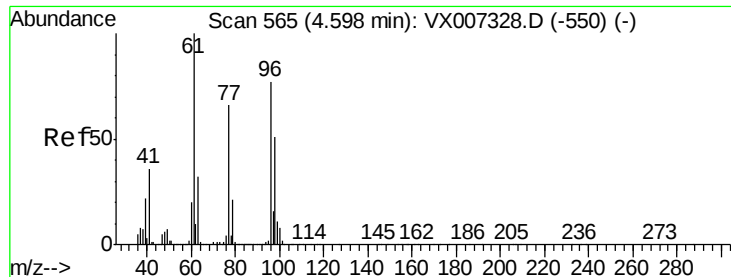
Tgt Ion: 77 Resp: 115806

Ion Ratio Lower Upper

77 100

97 24.6 12.1 36.3



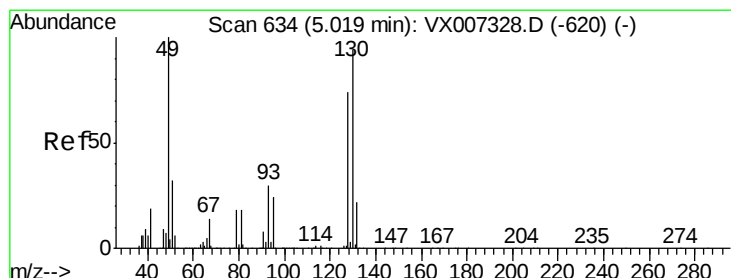
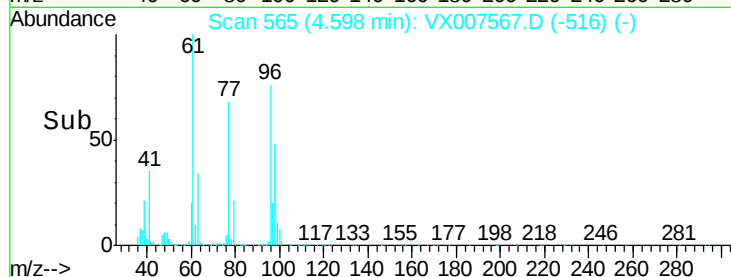
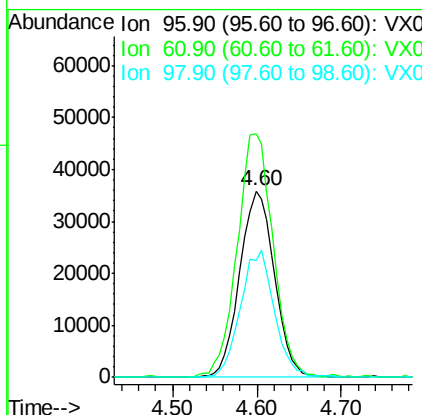
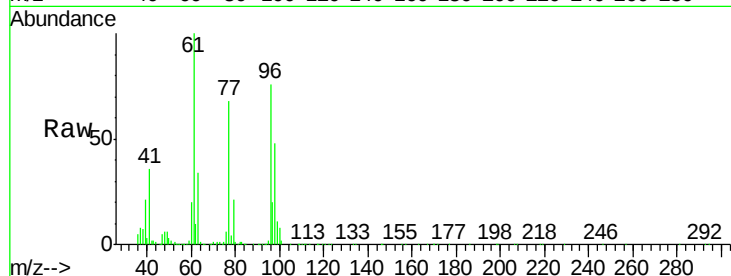


#27

cis-1,2-Dichloroethene
 Concen: 20.089 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX007567.D
 Acq: 15 Feb 2019 14:51

Instrument :
 MSVOA_W
 ClientSampled :

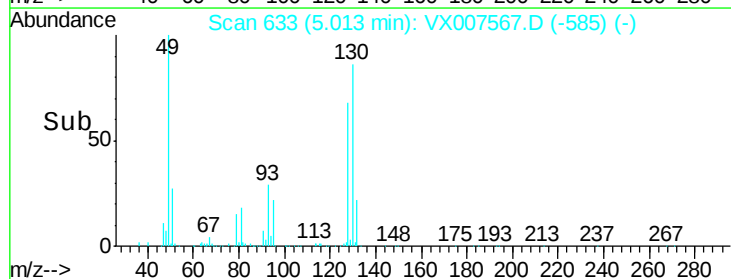
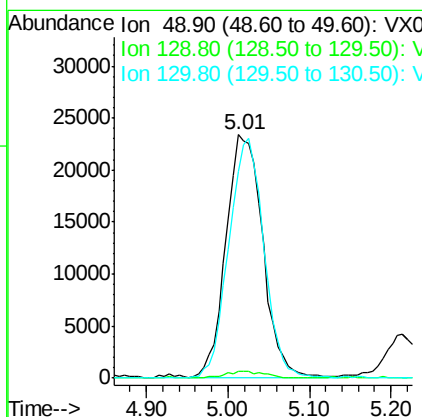
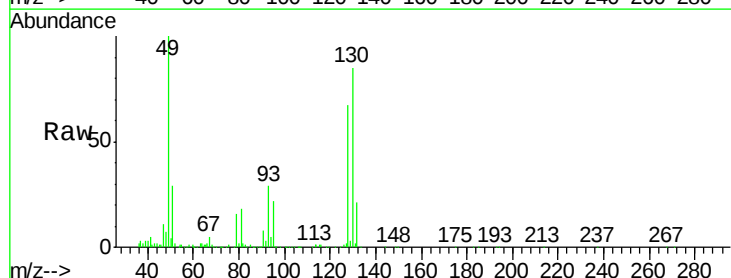
Tot Ion	Ratio	Lower	Upper
96	100		
61	134.2	0.0	265.6
98	66.7	0.0	131.6

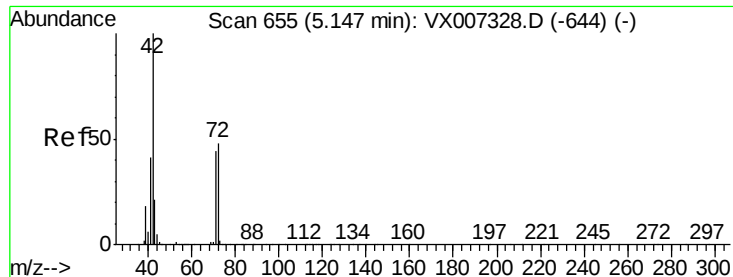


#28

Bromochloromethane
 Concen: 21.405 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX007567.D
 Acq: 15 Feb 2019 14:51

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.6
130	94.6	75.6	113.4





#29

Tetrahydrofuran

Concen: 113.651 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.01 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Instrument :

MSVOA_W

ClientSampleId :

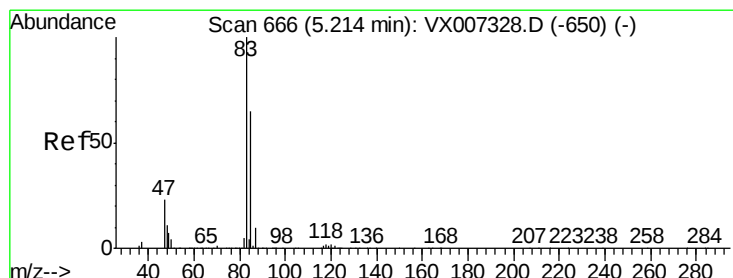
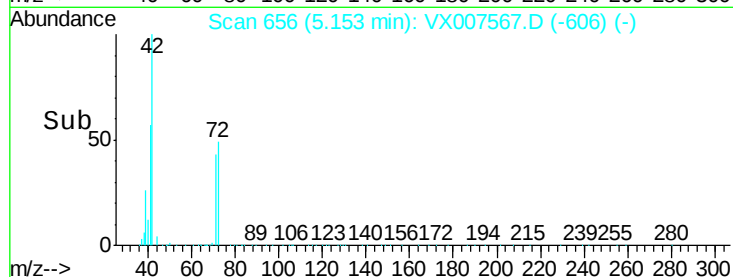
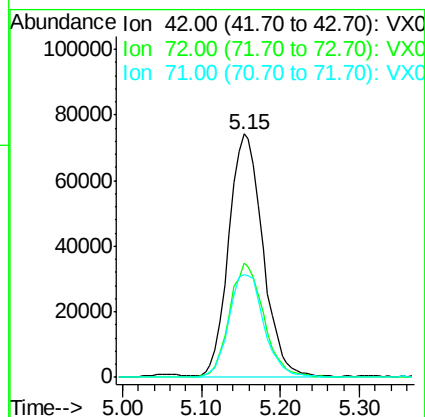
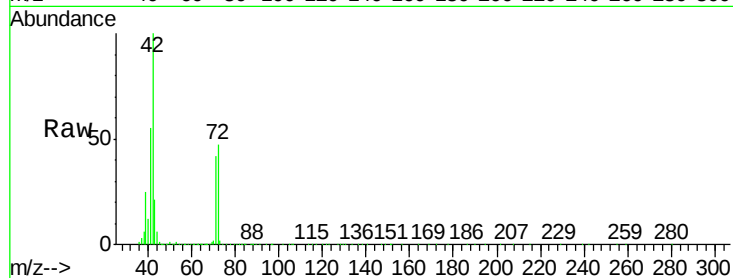
Tot Ion: 42 Resp: 221876

Ion Ratio Lower Upper

42 100

72 47.6 37.6 56.4

71 43.8 34.6 51.8



#30

Chloroform

Concen: 20.807 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX007567.D

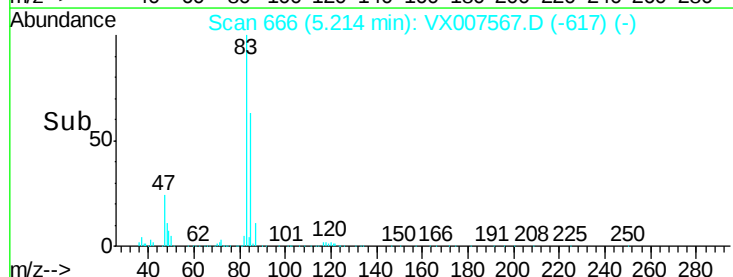
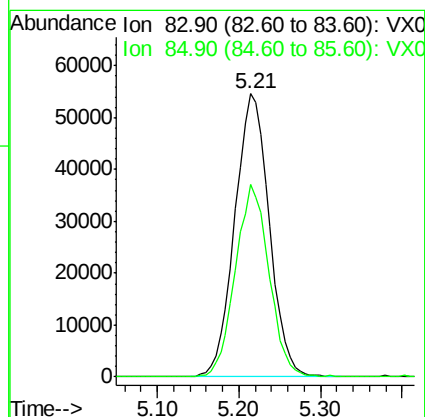
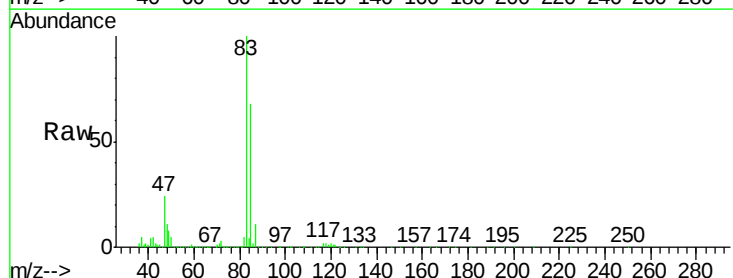
Acq: 15 Feb 2019 14:51

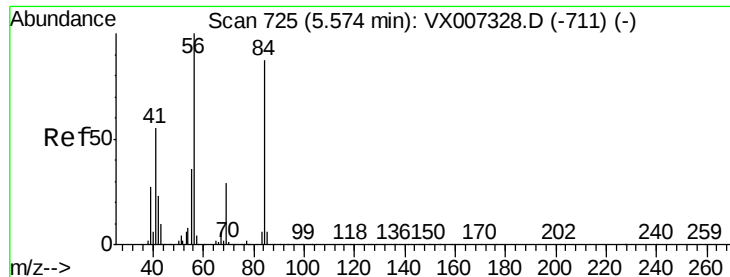
Tgt Ion: 83 Resp: 160070

Ion Ratio Lower Upper

83 100

85 67.6 51.6 77.4

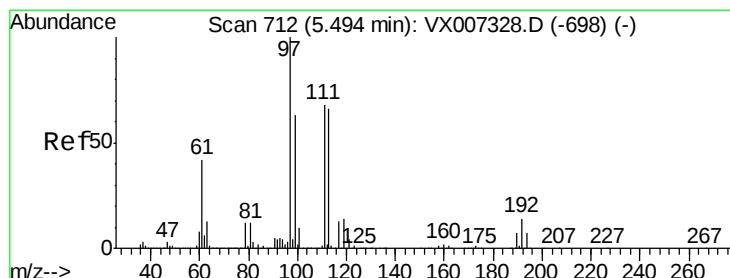
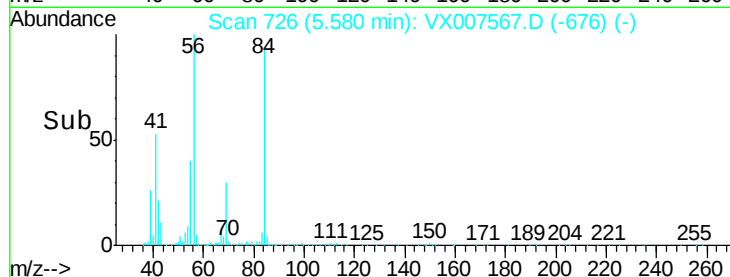
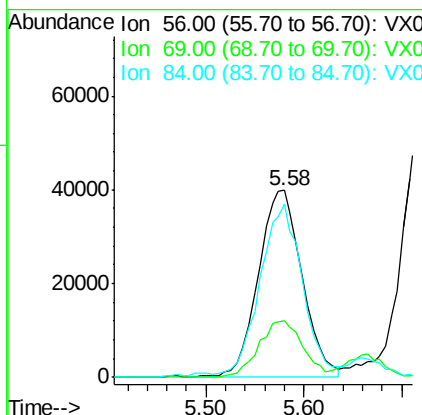
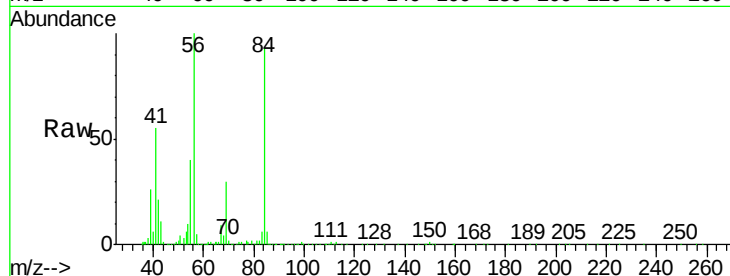




#31
Cyclohexane
Concen: 18.759 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

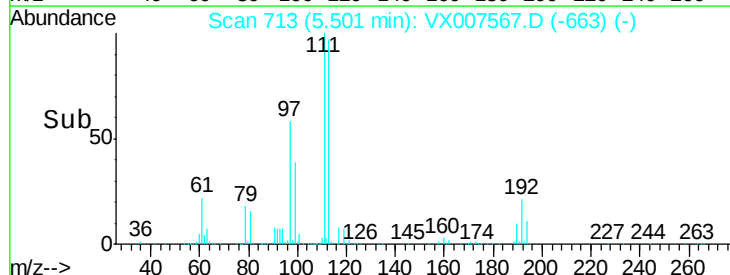
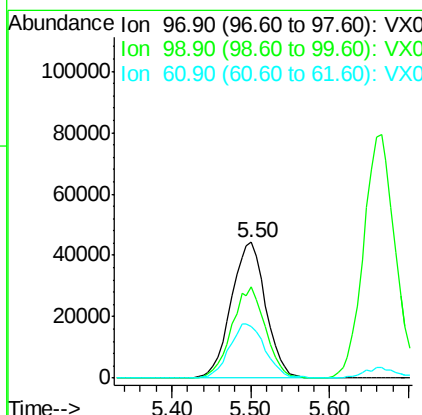
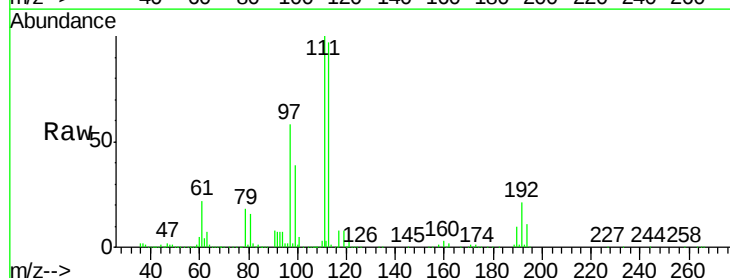
Instrument :
MSVOA_W
ClientSampleId :

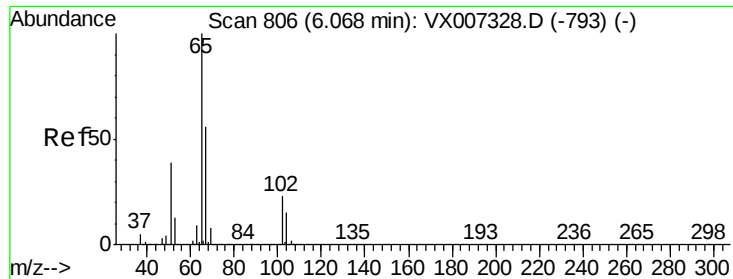
Tot Ion: 56 Resp: 124212
Ion Ratio Lower Upper
56 100
69 30.1 23.0 34.6
84 92.0 69.8 104.6



#32
1,1,1-Trichloroethane
Concen: 20.764 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

Tgt Ion: 97 Resp: 134833
Ion Ratio Lower Upper
97 100
99 65.4 52.2 78.2
61 41.0 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 49.277 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Instrument :

MSVOA_W

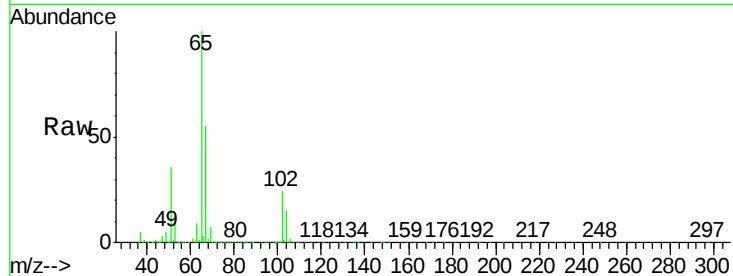
ClientSampled :

Tot Ion: 65 Resp: 234640

Ion Ratio Lower Upper

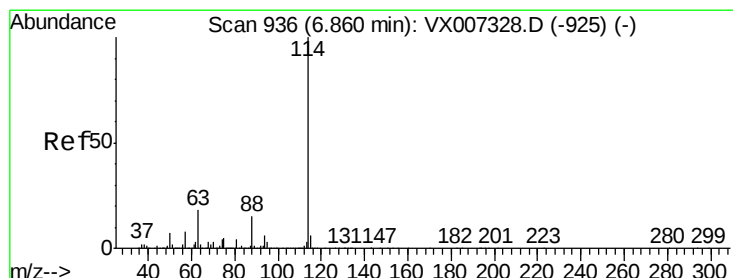
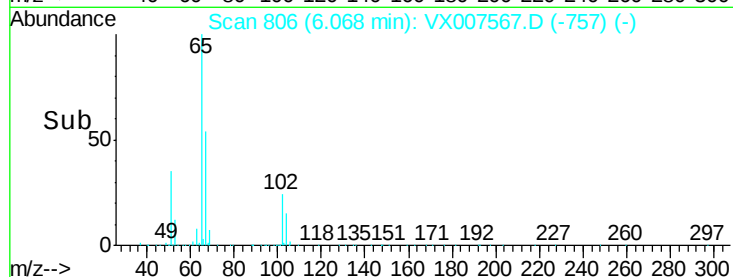
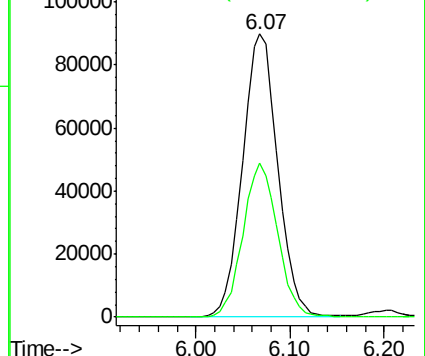
65 100

67 53.3 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

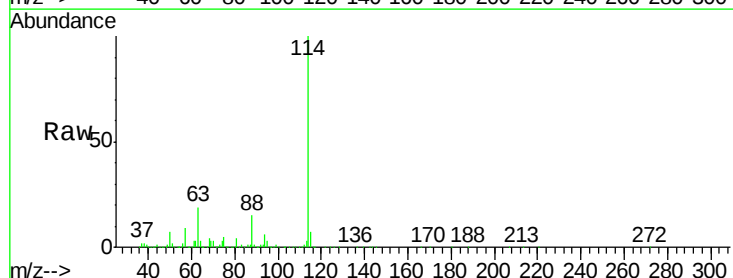
Tgt Ion: 114 Resp: 666385

Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.6

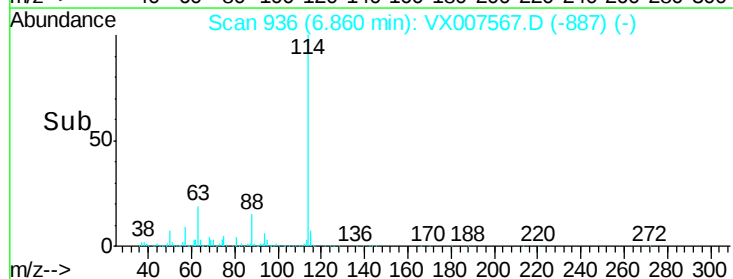
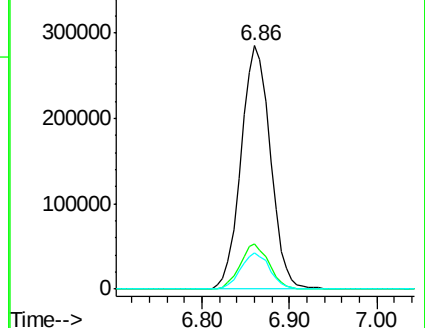
88 15.1 0.0 29.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

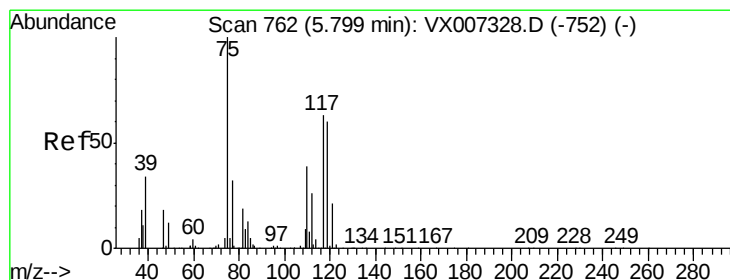
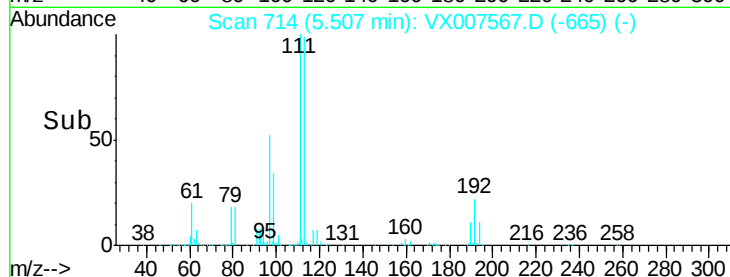
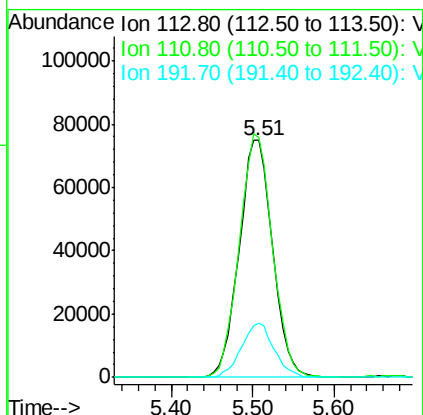
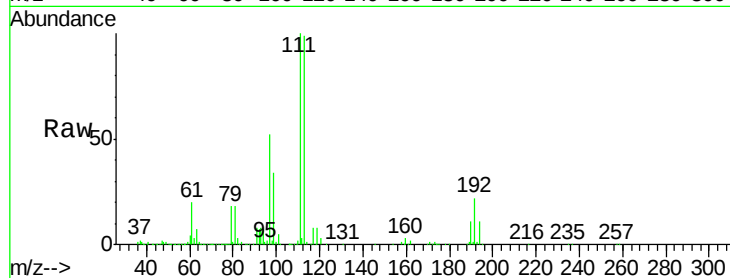




#35
 Dibromofluoromethane
 Concen: 49.254 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: VX007567.D
 Acq: 15 Feb 2019 14:51

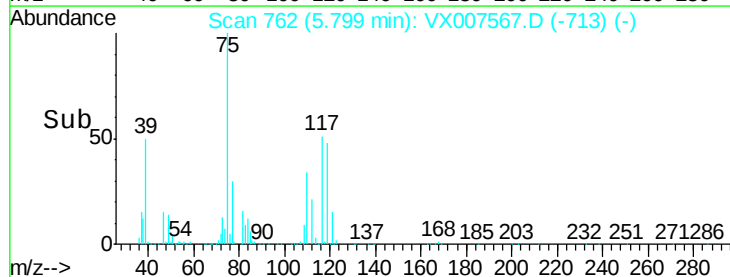
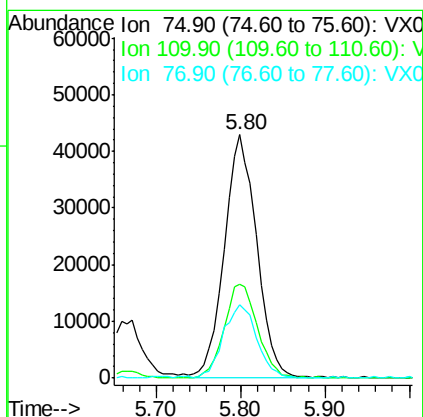
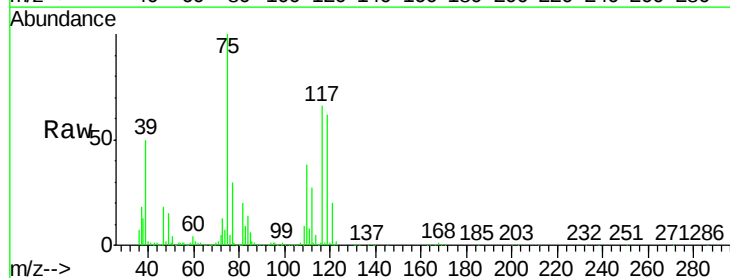
Instrument :
 MSVOA_W
 ClientSampled :

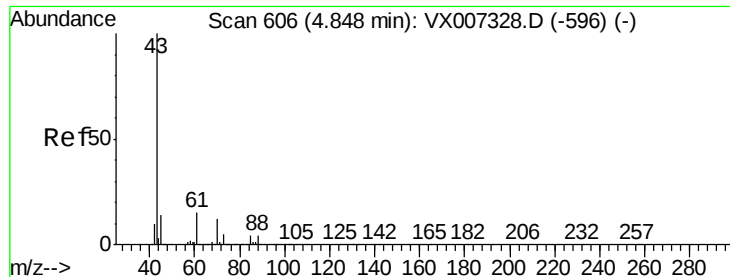
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.8	122.8
192	22.4	18.5	27.7



#36
 1,1-Dichloropropene
 Concen: 18.654 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX007567.D
 Acq: 15 Feb 2019 14:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	40.0	20.0	59.9
77	31.5	24.7	37.1

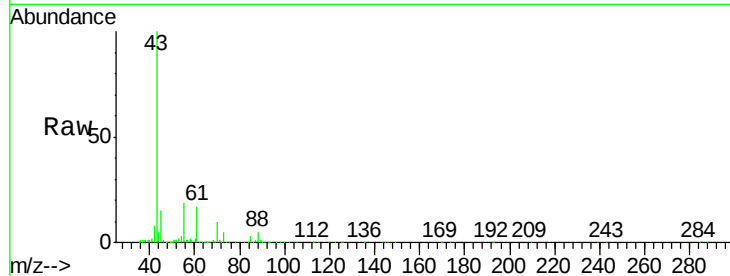




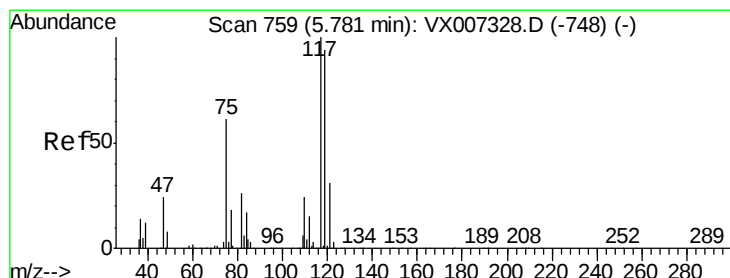
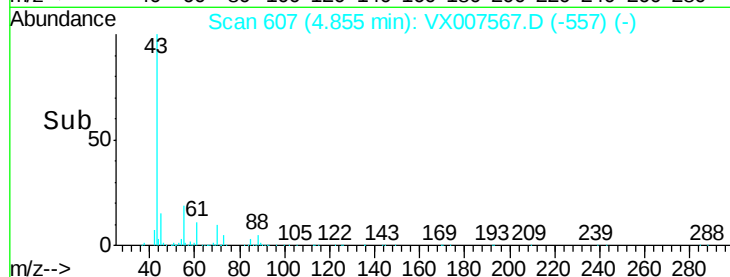
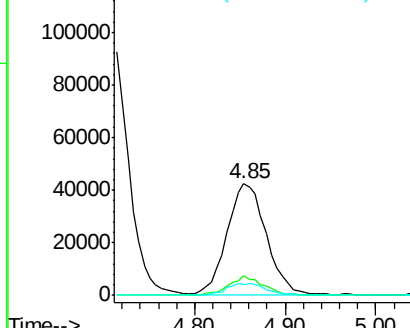
#37
Ethyl Acetate
Concen: 20.960 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 126681
Ion Ratio Lower Upper
43 100
61 14.9 11.3 16.9
70 11.1 8.6 13.0

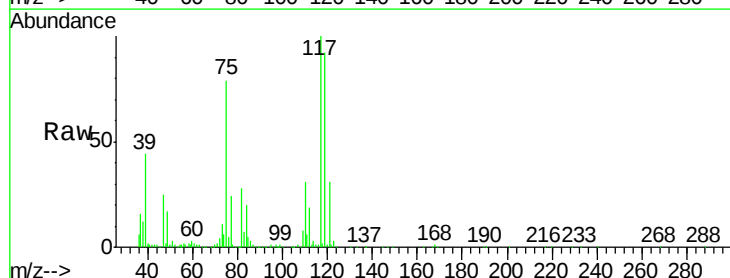


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

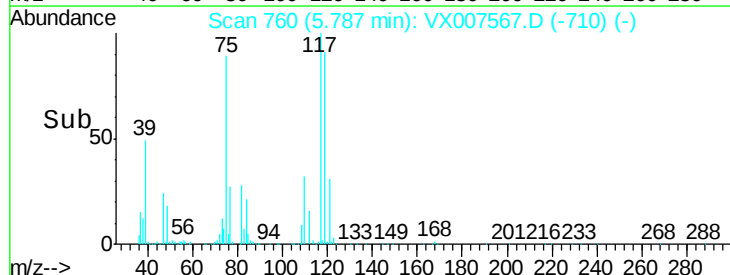
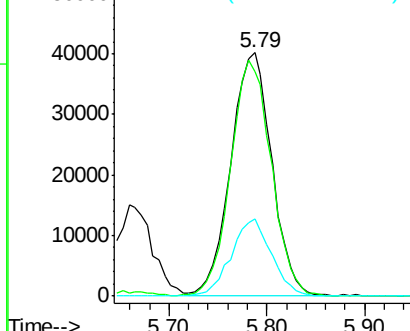


#38
Carbon Tetrachloride
Concen: 20.081 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

Tgt Ion: 117 Resp: 116482
Ion Ratio Lower Upper
117 100
119 92.1 75.3 112.9
121 31.4 25.0 37.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

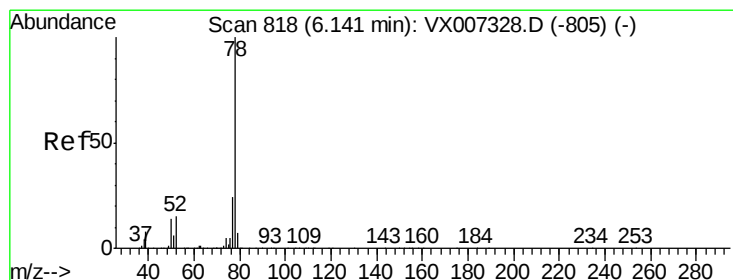
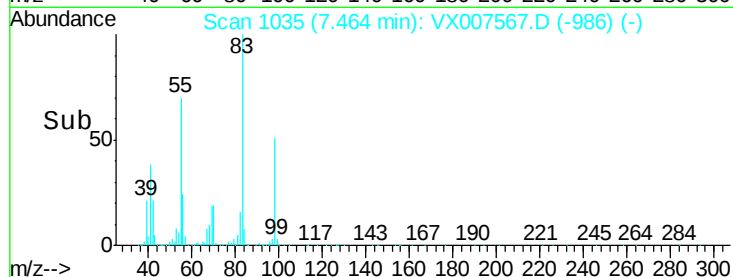
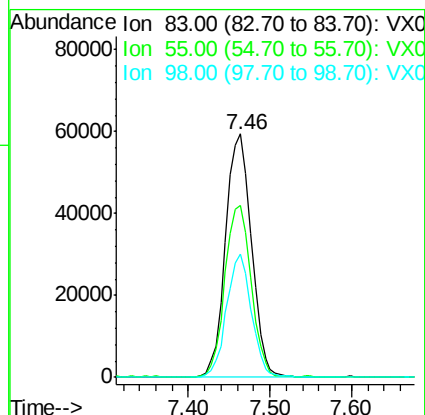
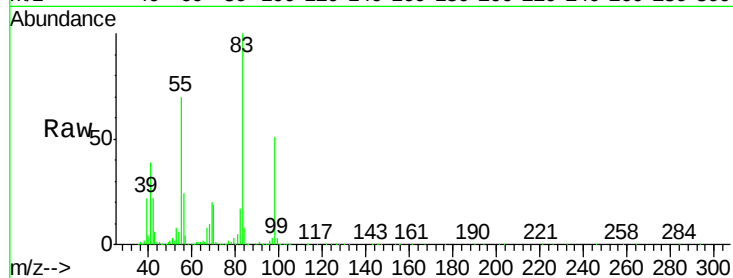




#39
Methvlcvclohexane
Concen: 18.005 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

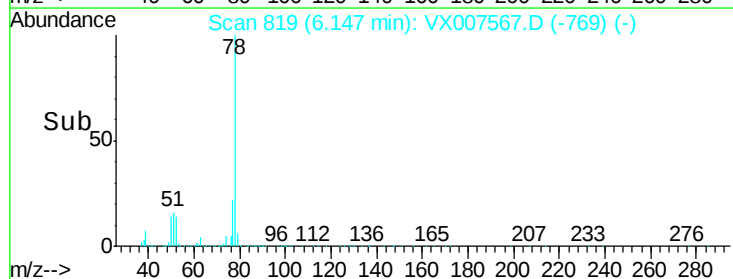
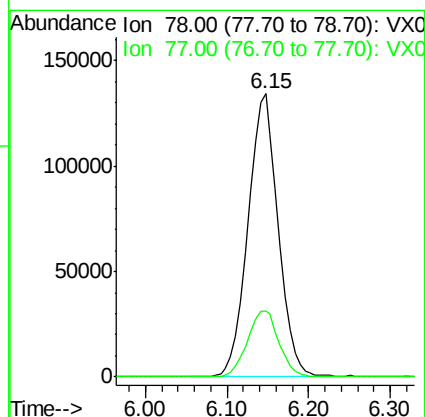
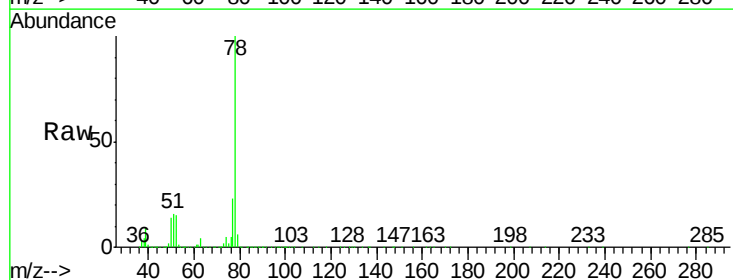
Instrument :
MSVOA_W
ClientSampleId :

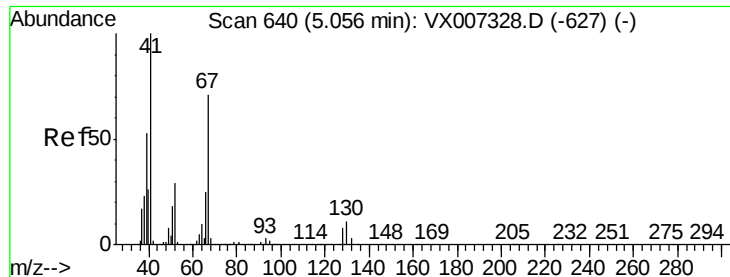
Tot Ion: 83 Resp: 130247
Ion Ratio Lower Upper
83 100
55 70.2 56.2 84.2
98 50.7 36.8 55.2



#40
Benzene
Concen: 19.673 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

Tgt Ion: 78 Resp: 346488
Ion Ratio Lower Upper
78 100
77 23.2 19.3 28.9

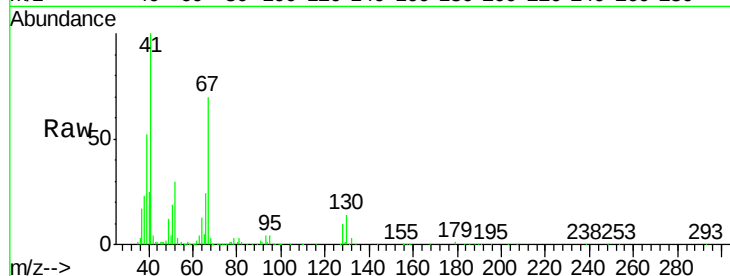




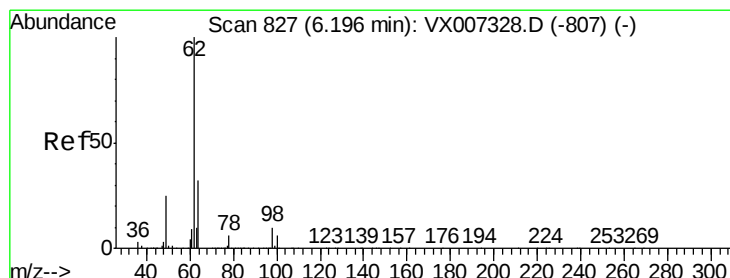
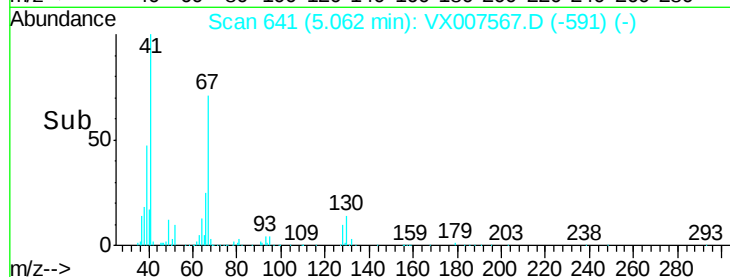
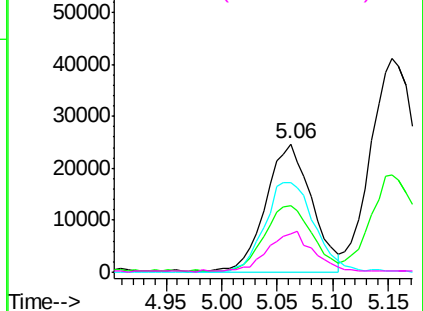
#41
Methacrylonitrile
Concen: 21.712 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	41	Resp:	70331
Ion	Ratio	Lower	Upper
41	100		
39	53.2	44.5	66.7
67	77.8	60.4	90.6
52	29.5	24.1	36.1

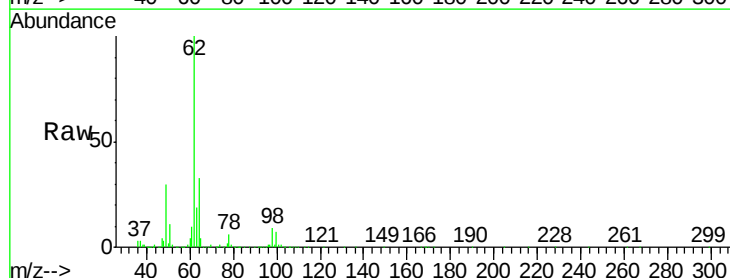


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

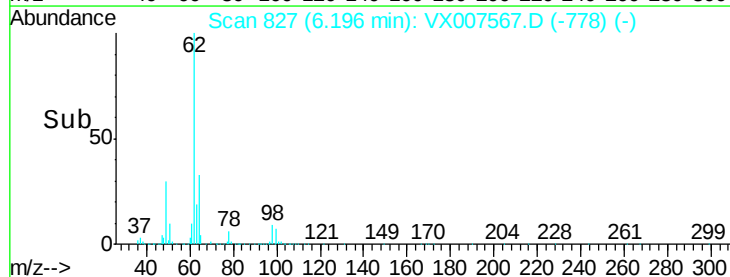
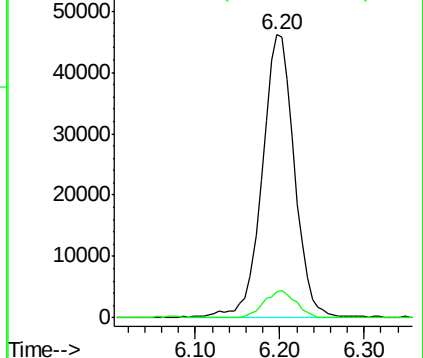


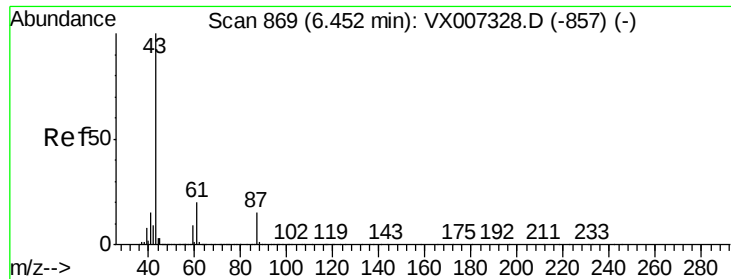
#42
1,2-Dichloroethane
Concen: 19.744 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

Tgt Ion:	62	Resp:	120315
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.0



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



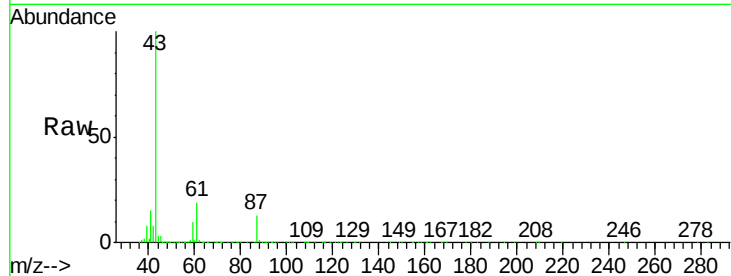


#43

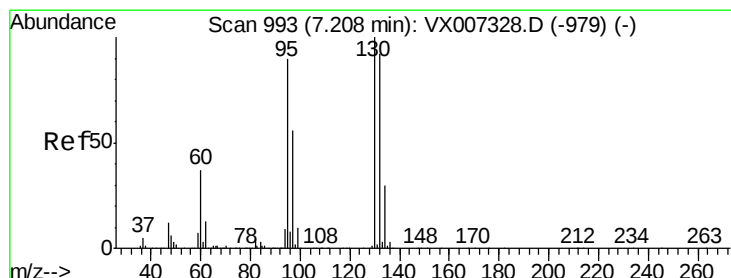
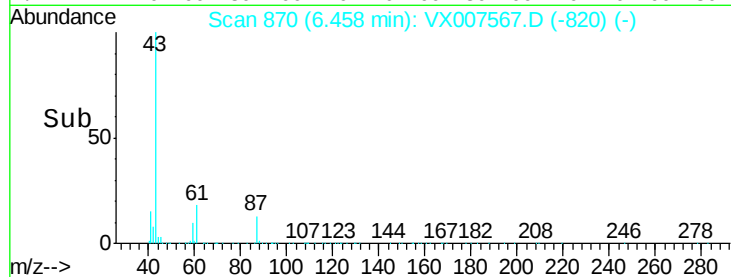
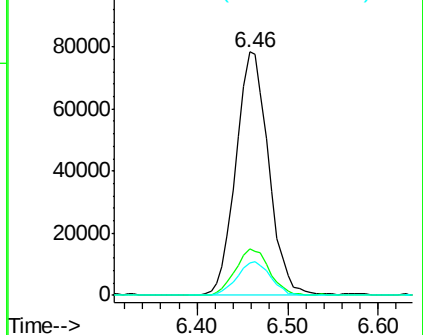
Isopropyl Acetate
 Concen: 21.095 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.01 min
 Lab File: VX007567.D
 Acq: 15 Feb 2019 14:51

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	43	Resp	196795
Ion Ratio	Lower	Upper	
43	100		
61	19.5	16.1	24.1
87	14.2	11.5	17.3



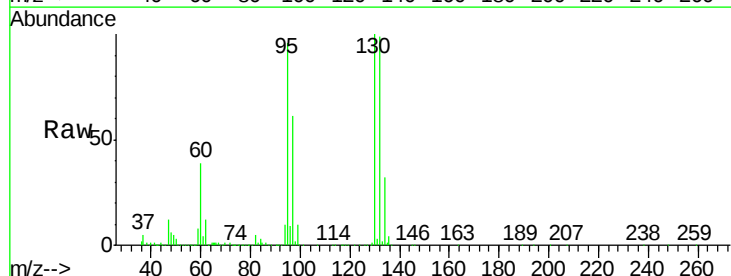
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



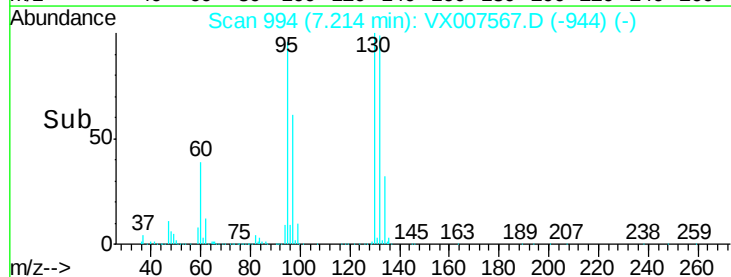
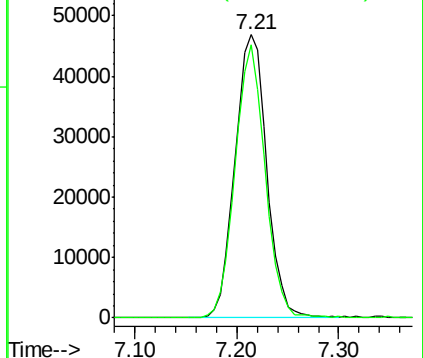
#44

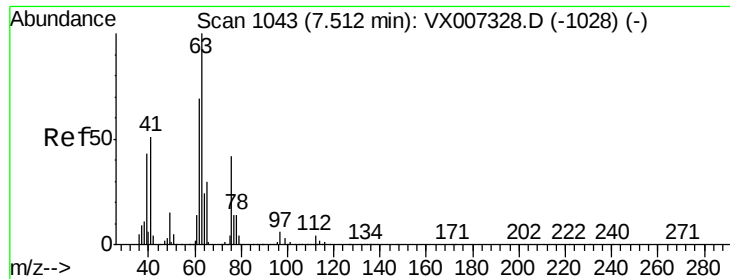
Trichloroethene
 Concen: 19.018 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX007567.D
 Acq: 15 Feb 2019 14:51

Tgt Ion	130	Resp	100879
Ion Ratio	Lower	Upper	
130	100		
95	96.0	0.0	180.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.603 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

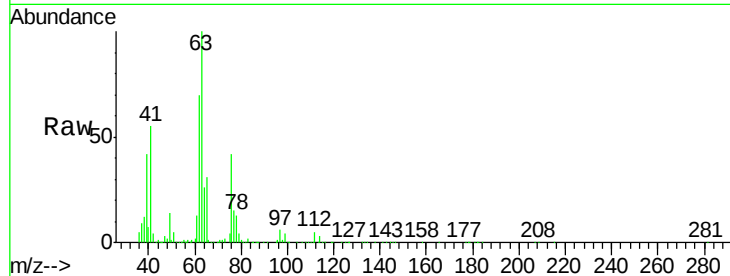
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 63 Resp: 90917

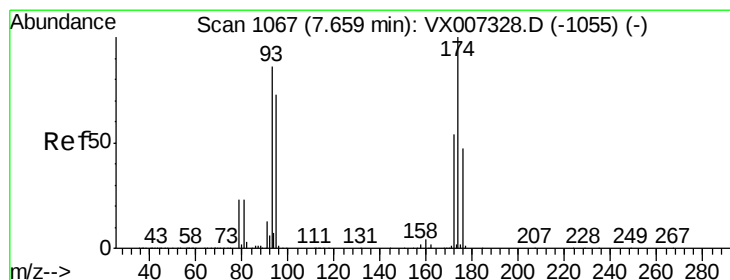
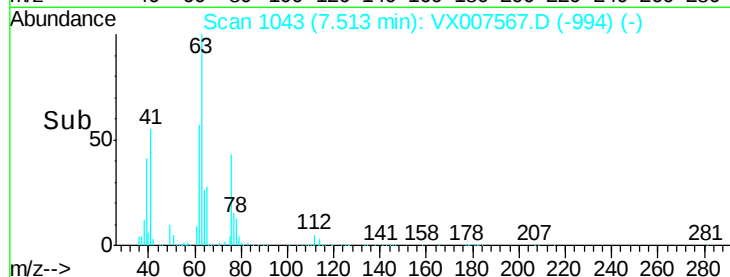
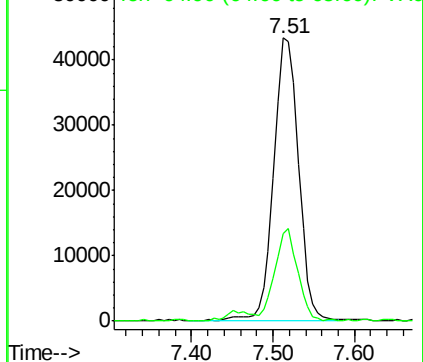
Ion Ratio Lower Upper

63 100

65 30.5 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.801 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

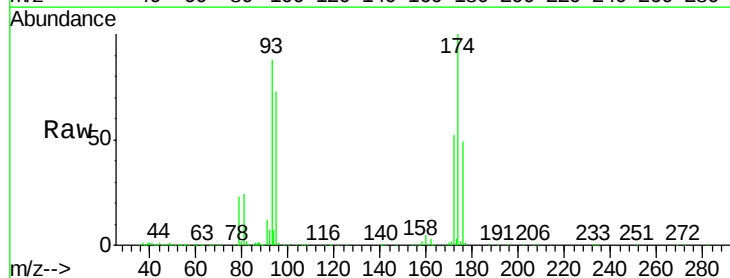
Tgt Ion: 93 Resp: 63508

Ion Ratio Lower Upper

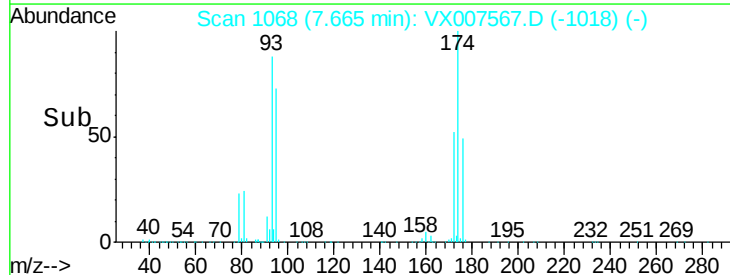
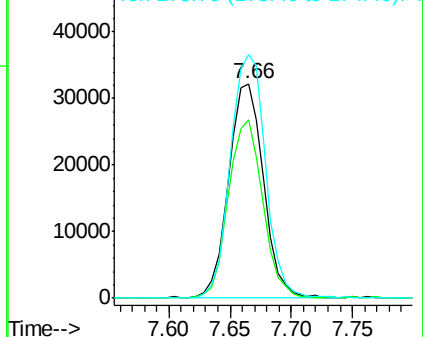
93 100

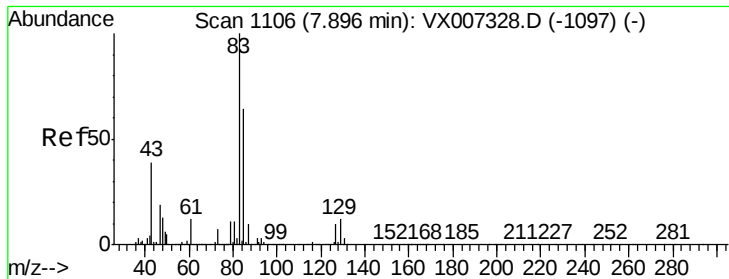
95 81.9 67.6 101.4

174 114.3 94.2 141.4



Abundance Ion 92.80 (92.50 to 93.50): VX0
Ion 94.80 (94.50 to 95.50): VX0
Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.427 ug/l

RT: 7.90 min Scan# 1106

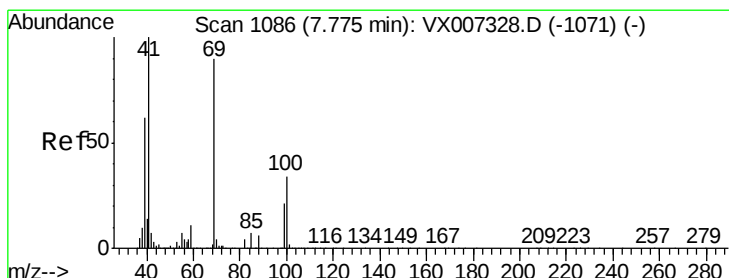
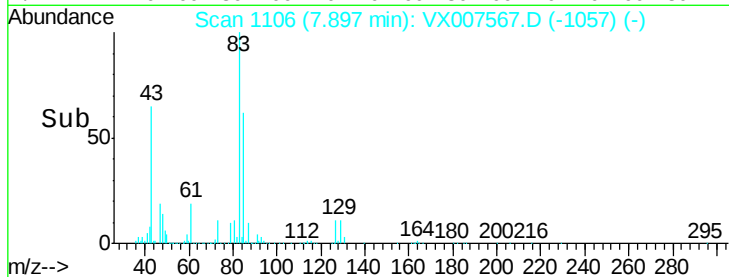
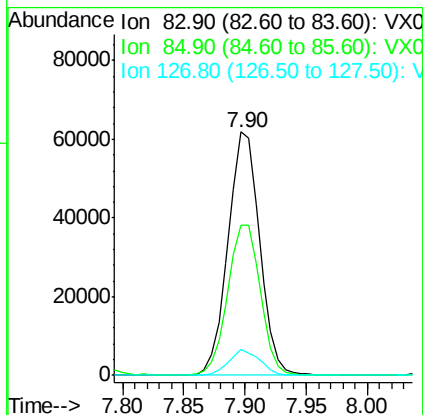
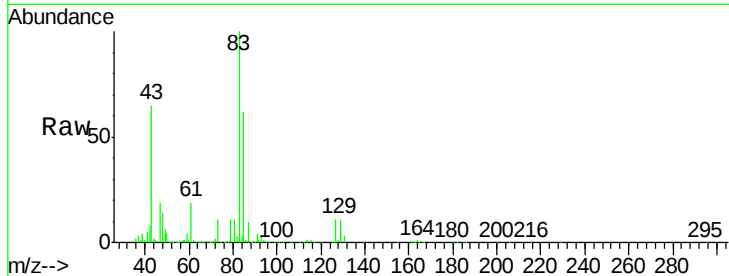
Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	83	Resp:	111035
Ion	Ratio	Lower	Upper
83	100		
85	61.7	51.4	77.0
127	10.6	8.1	12.1



#48

Methyl methacrylate

Concen: 21.504 ug/l

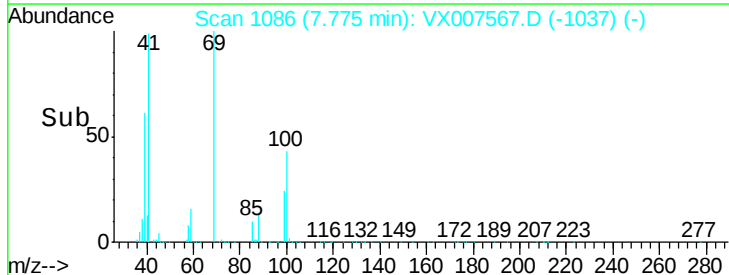
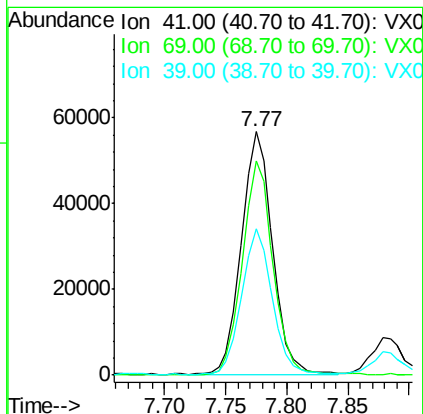
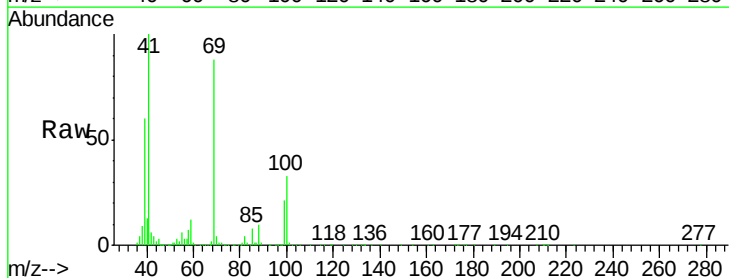
RT: 7.77 min Scan# 1086

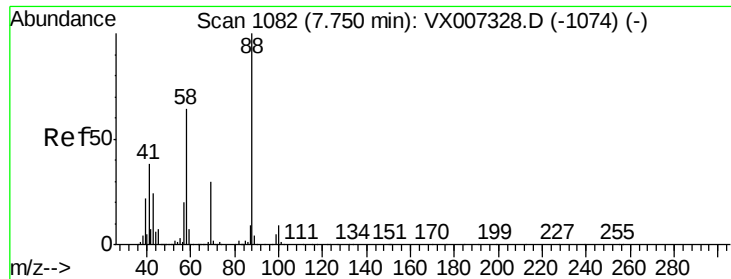
Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Tgt Ion:	41	Resp:	100347
Ion	Ratio	Lower	Upper
41	100		
69	87.3	70.2	105.4
39	58.6	47.4	71.0





#49

1,4-Dioxane

Concen: 427.054 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

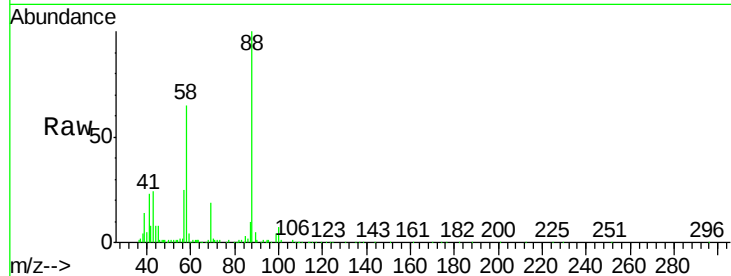
Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 88 Resp: 44899

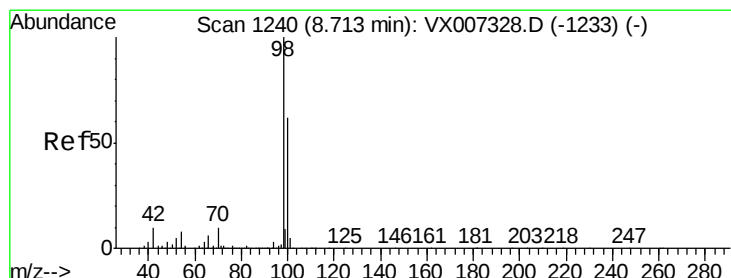
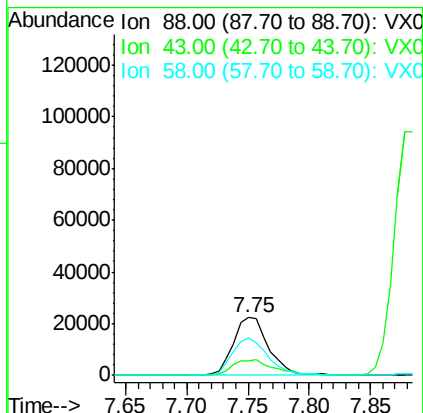
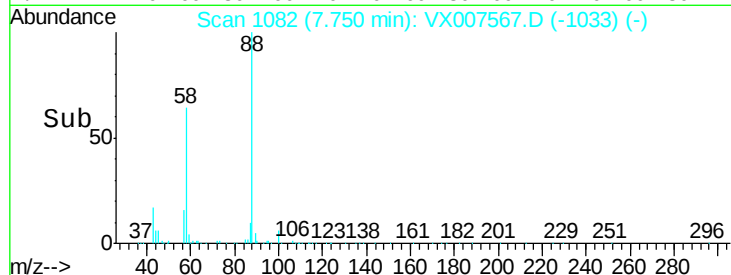
Ion	Ratio	Lower	Upper
88	100		
43	33.1	24.2	36.4
58	65.5	53.0	79.4



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: 46.619 ug/l

RT: 8.71 min Scan# 1240

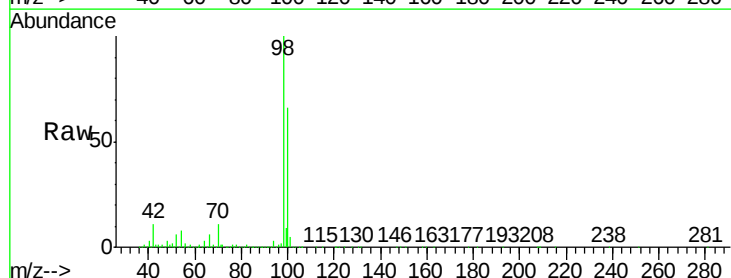
Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

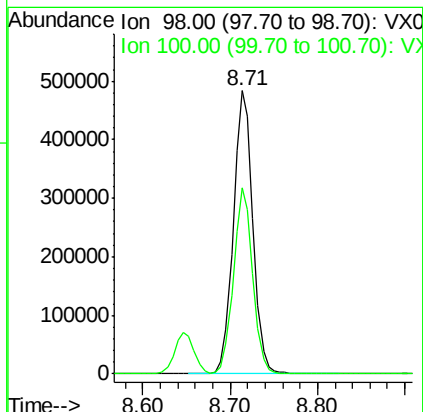
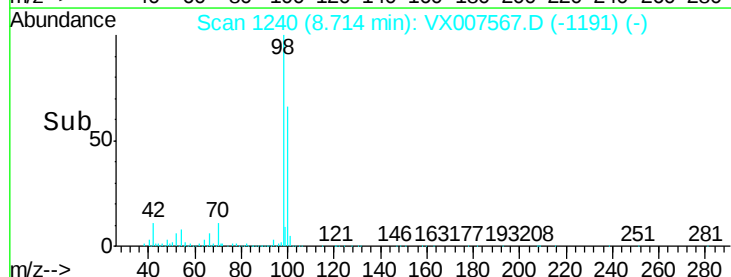
Tgt Ion: 98 Resp: 749968

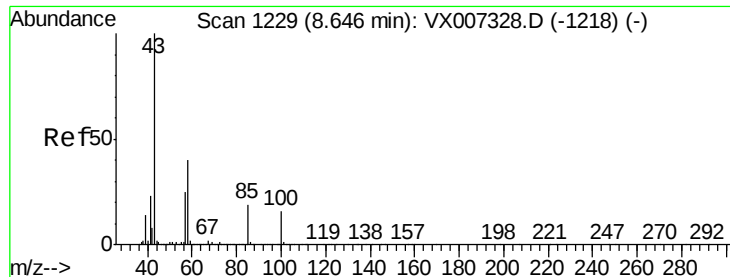
Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.6	77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 107.746 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

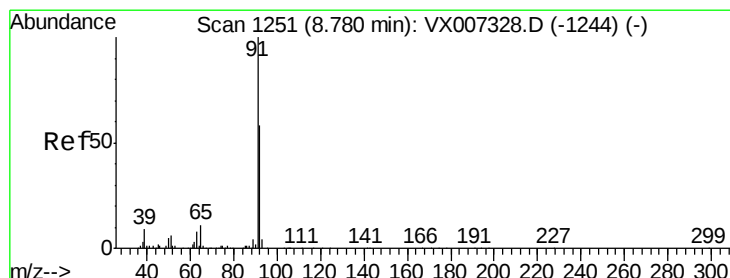
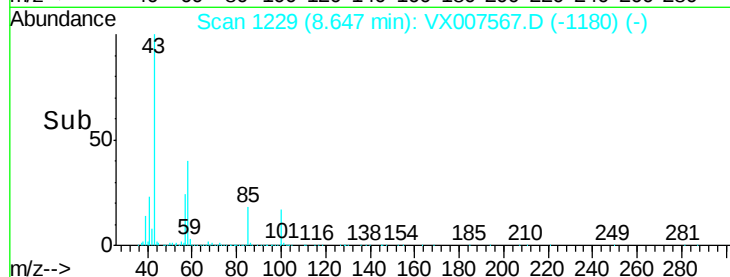
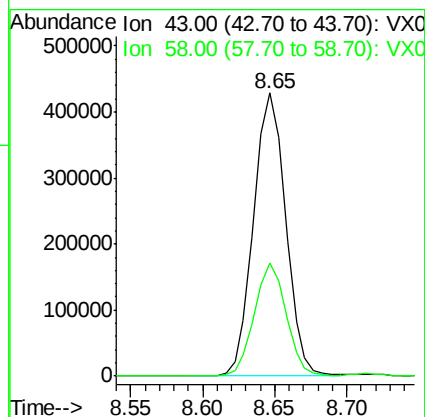
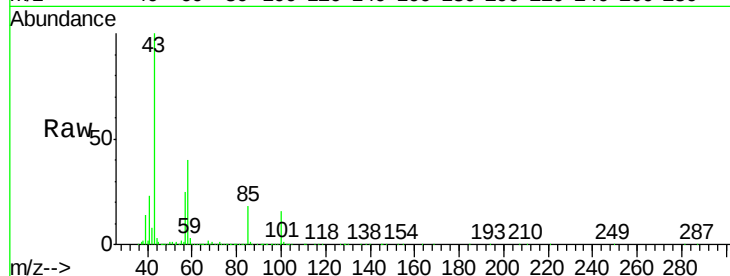
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 661713

Ion Ratio Lower Upper

43 100

58 39.2 31.2 46.8



#52

Toluene

Concen: 19.269 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007567.D

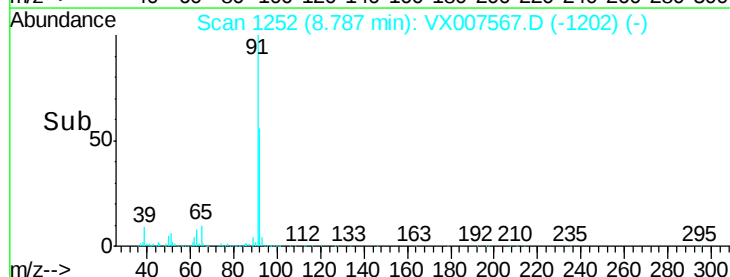
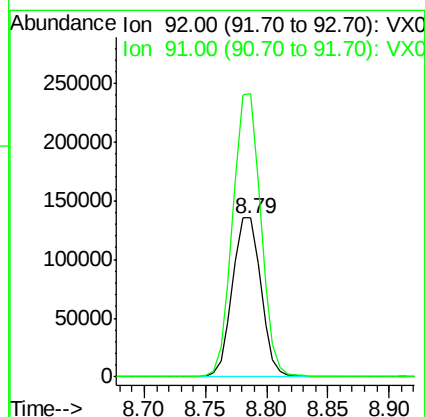
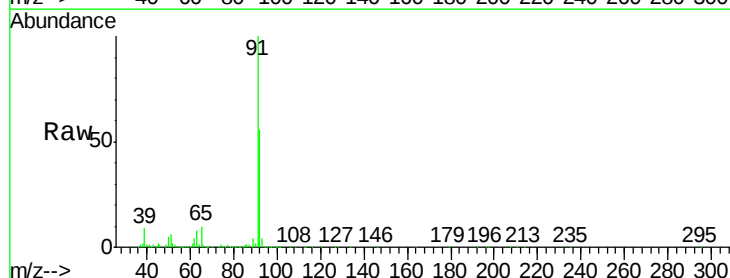
Acq: 15 Feb 2019 14:51

Tgt Ion: 92 Resp: 218961

Ion Ratio Lower Upper

92 100

91 174.9 139.1 208.7

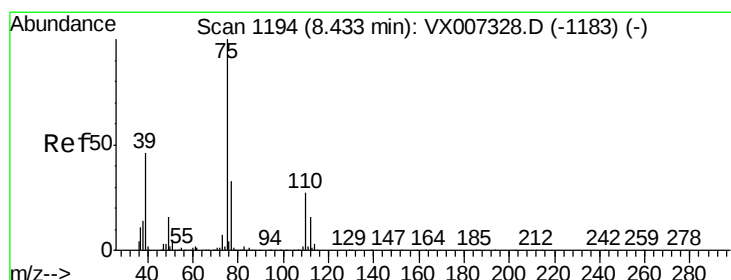
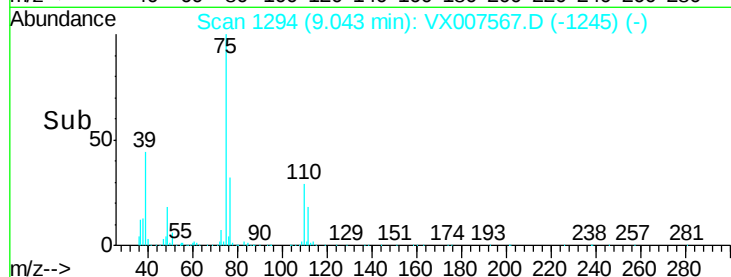
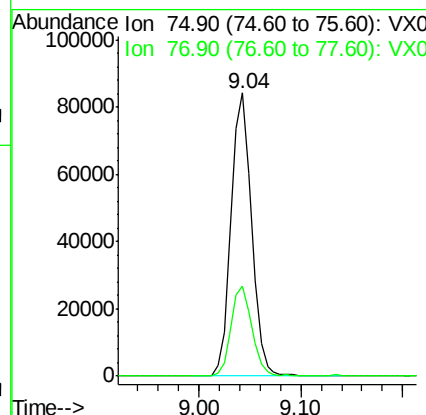
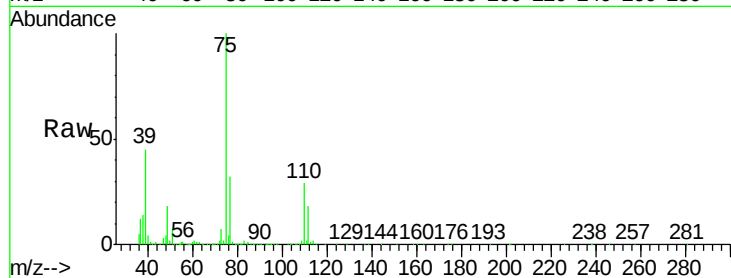




#53
t-1,3-Dichloropropene
Concen: 19.981 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

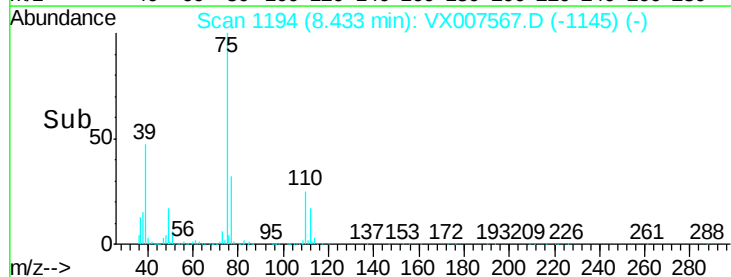
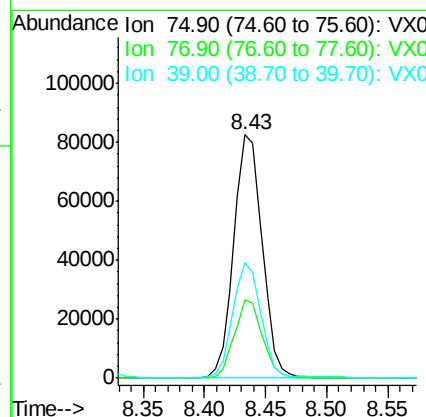
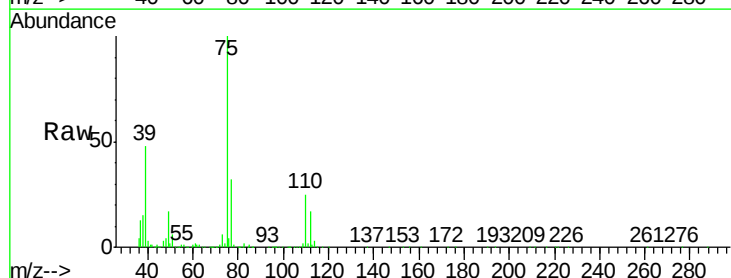
Instrument :
MSVOA_W
ClientSampleId :

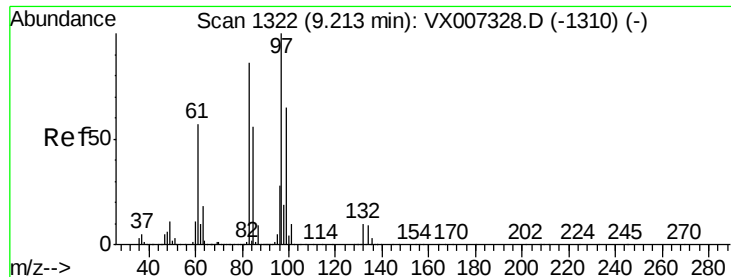
Tot Ion: 75 Resp: 116662
Ion Ratio Lower Upper
75 100
77 31.7 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 20.663 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

Tgt Ion: 75 Resp: 132672
Ion Ratio Lower Upper
75 100
77 32.1 26.2 39.4
39 47.4 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 20.564 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 97 Resp: 97406

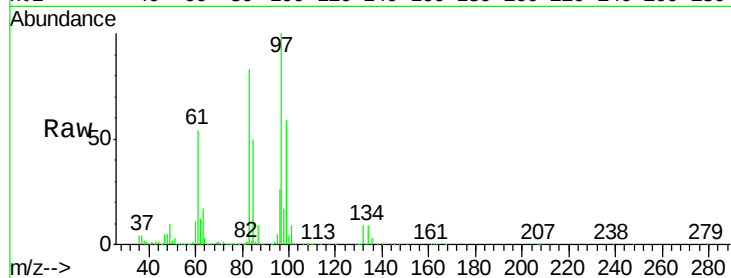
Ion	Ratio	Lower	Upper
97	100		
83	82.7	68.6	102.8
85	50.0	44.5	66.7
99	59.0	52.2	78.4

97 100

83 82.7 68.6 102.8

85 50.0 44.5 66.7

99 59.0 52.2 78.4



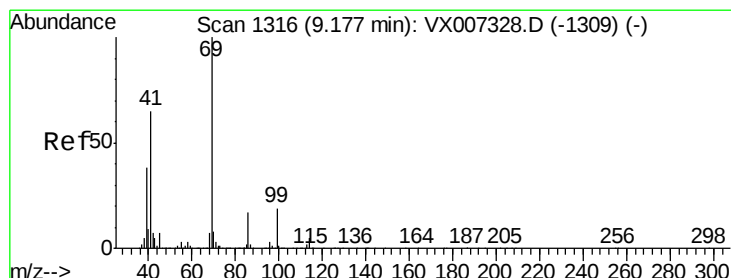
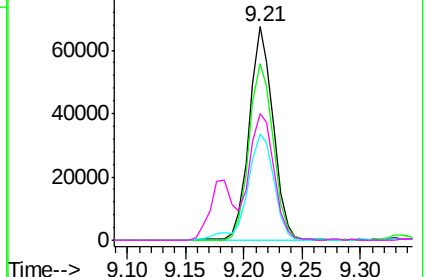
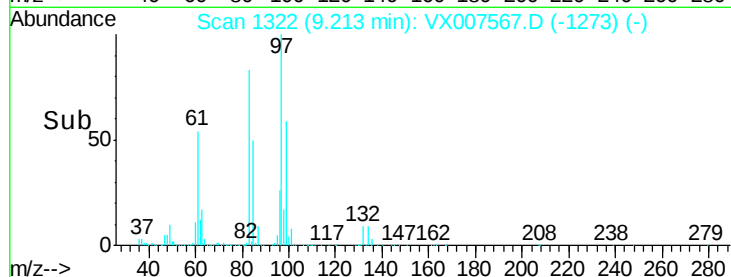
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Time-->



#56

Ethyl methacrylate

Concen: 20.257 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

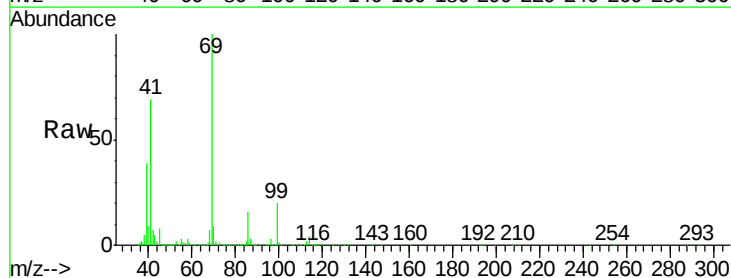
Tgt Ion: 69 Resp: 132893

Ion	Ratio	Lower	Upper
69	100		
41	65.1	52.1	78.1
39	37.0	30.1	45.1

69 100

41 65.1 52.1 78.1

39 37.0 30.1 45.1

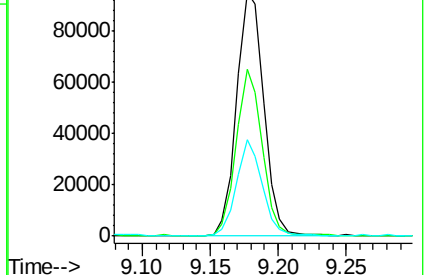
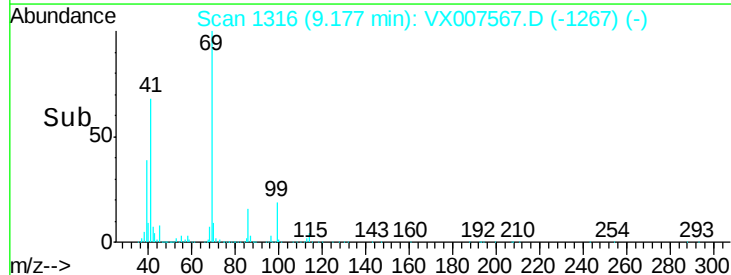


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Time-->





#57

1,3-Dichloropropane

Concen: 20.380 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Instrument :

MSVOA_W

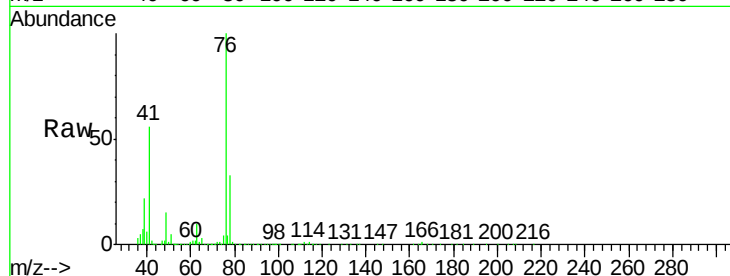
ClientSampled :

Tot Ion: 76 Resp: 153521

Ion Ratio Lower Upper

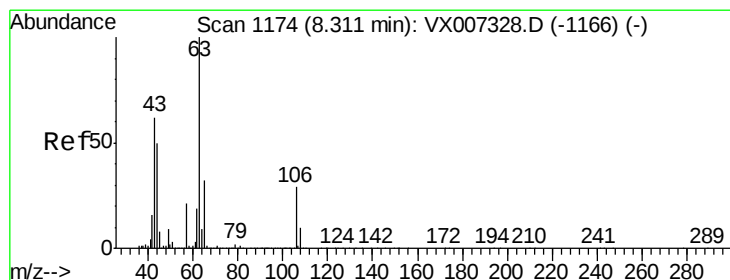
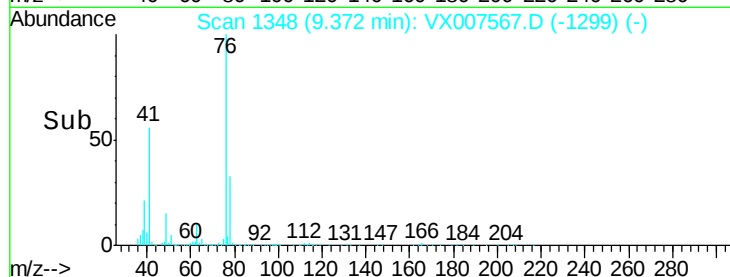
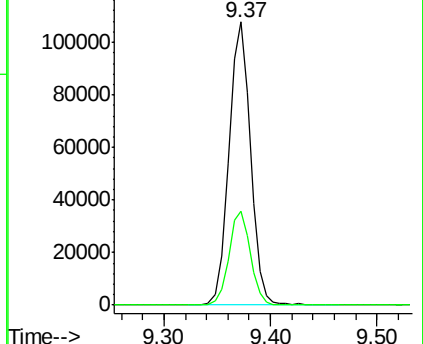
76 100

78 33.3 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 101.563 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007567.D

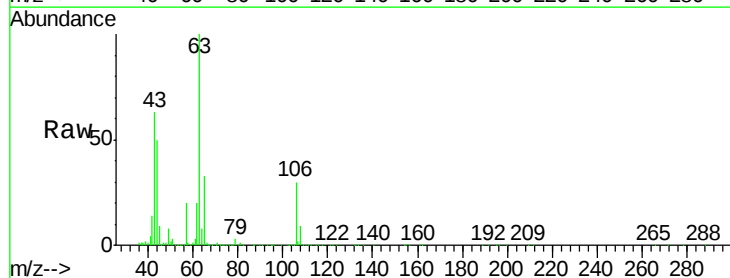
Acq: 15 Feb 2019 14:51

Tgt Ion: 63 Resp: 351197

Ion Ratio Lower Upper

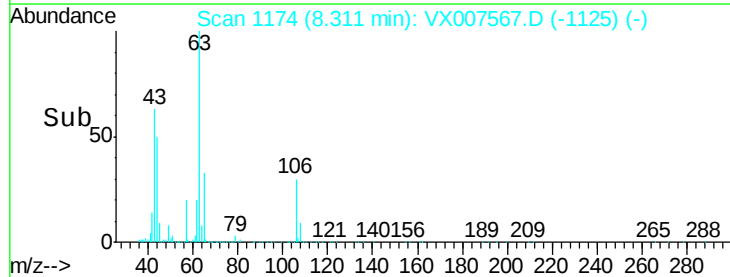
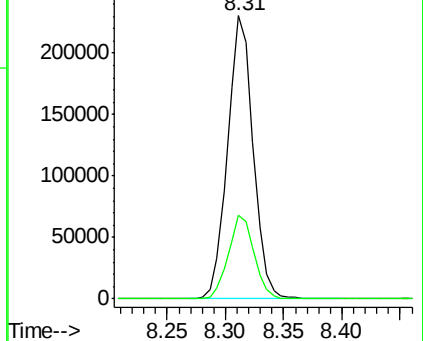
63 100

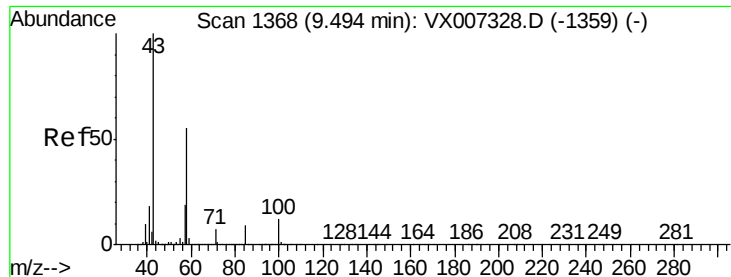
106 30.0 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

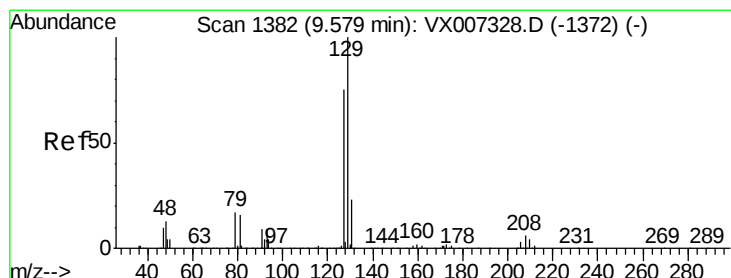
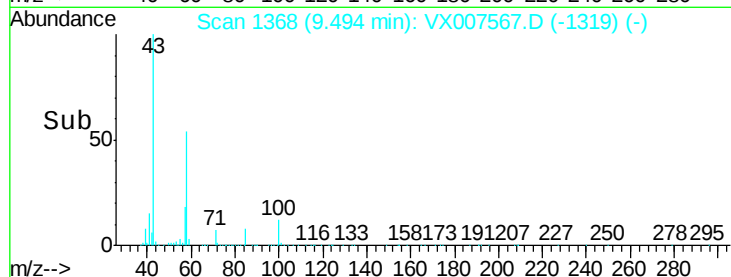
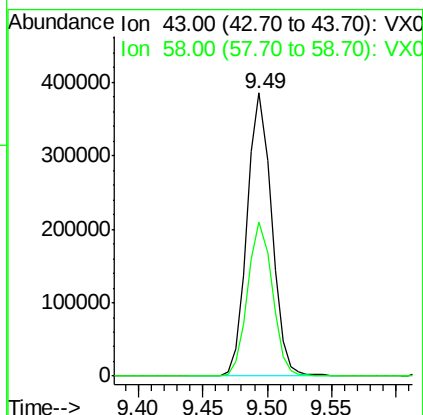
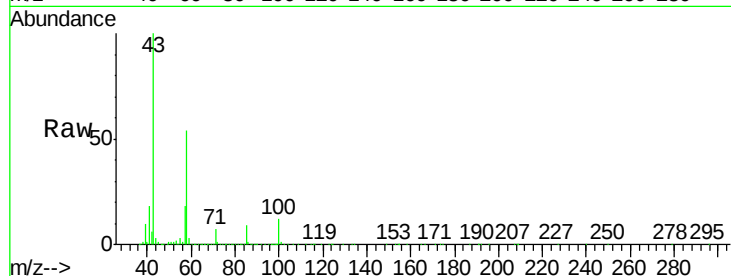




#59
2-Hexanone
Concen: 105.909 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

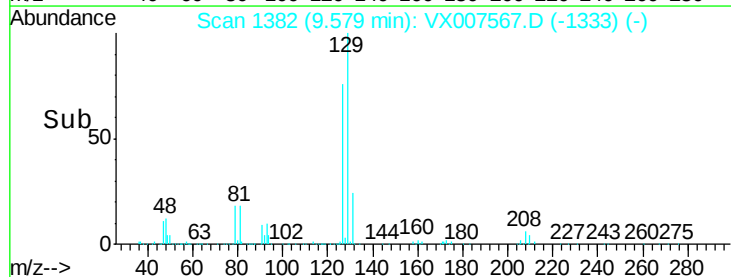
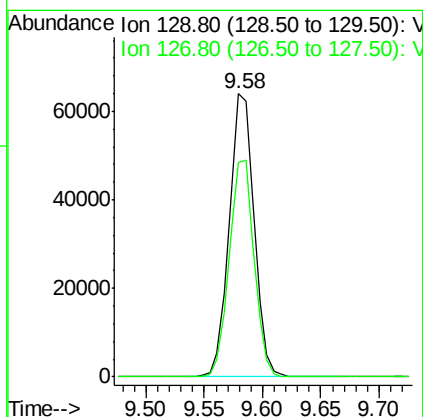
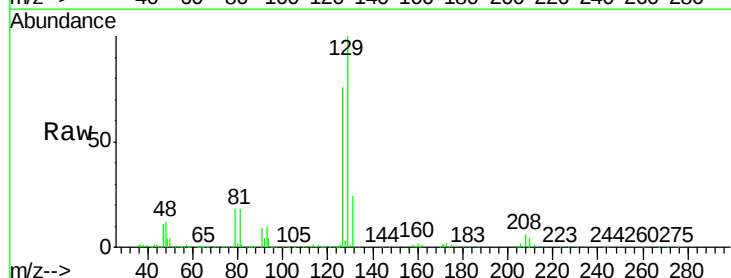
Instrument :
MSVOA_W
ClientSampled :

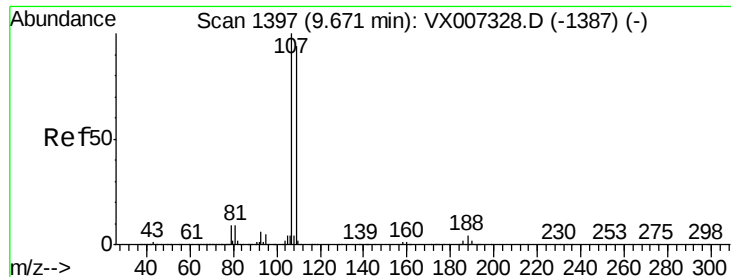
Tot Ion: 43 Resp: 506146
Ion Ratio Lower Upper
43 100
58 55.0 27.1 81.3



#60
Dibromochloromethane
Concen: 21.293 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

Tgt Ion:129 Resp: 95389
Ion Ratio Lower Upper
129 100
127 76.8 37.8 113.4





#61

1,2-Dibromoethane

Concen: 19.797 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Instrument :

MSVOA_W

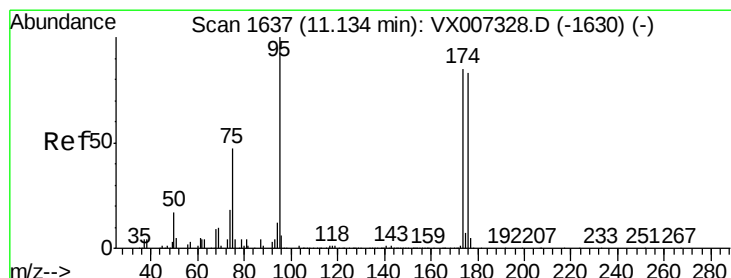
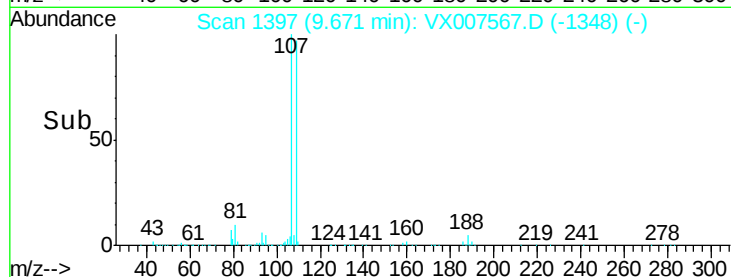
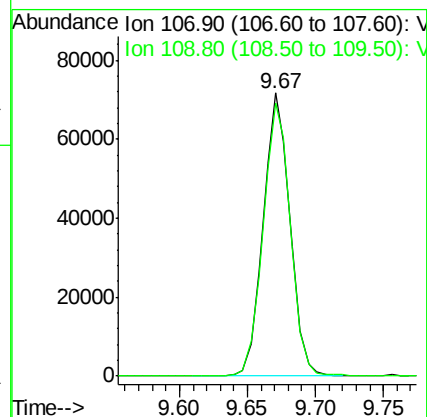
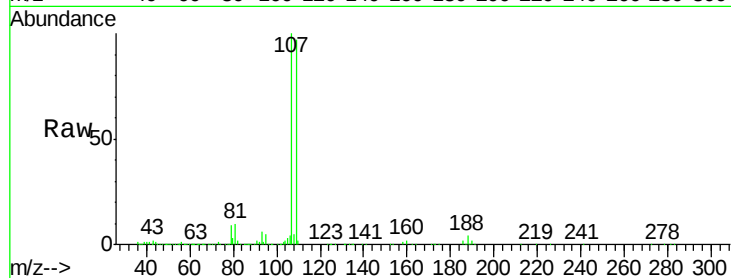
ClientSampleId :

Tot Ion:107 Resp: 99307

Ion Ratio Lower Upper

107 100

109 98.5 75.1 112.7



#62

4-Bromofluorobenzene

Concen: 44.068 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

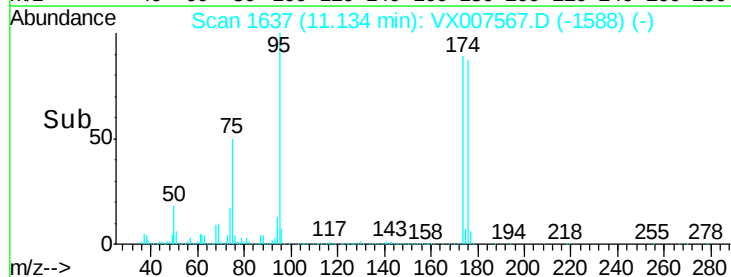
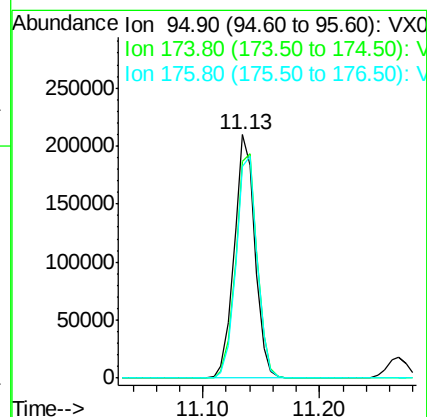
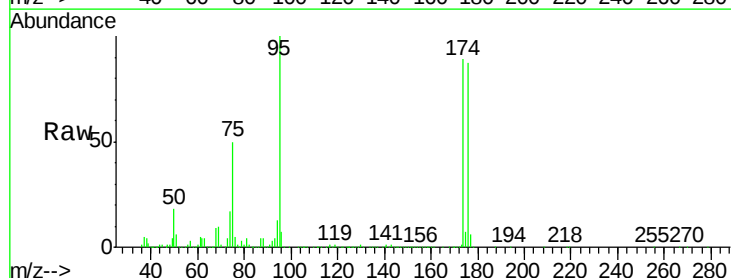
Tgt Ion: 95 Resp: 258831

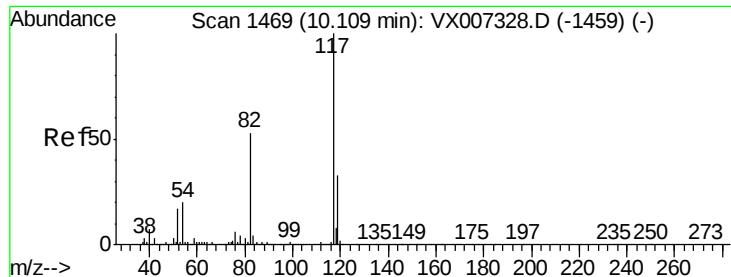
Ion Ratio Lower Upper

95 100

174 96.1 0.0 189.2

176 93.3 0.0 186.2

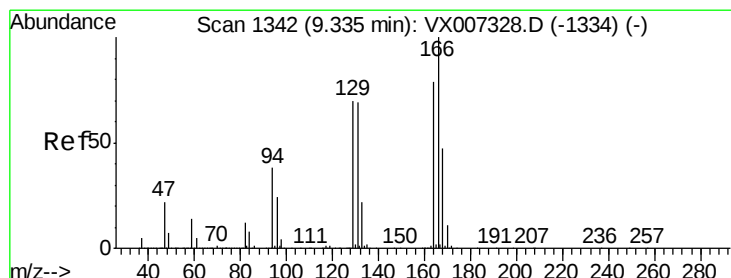
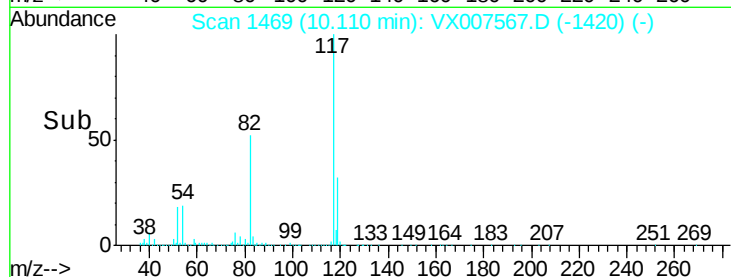
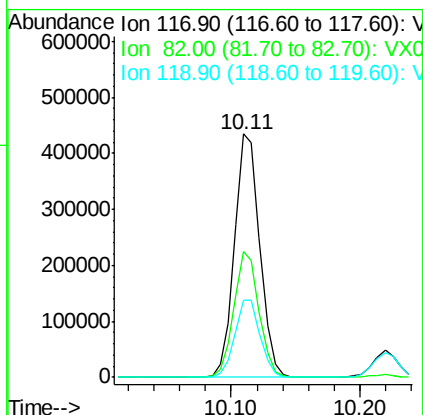
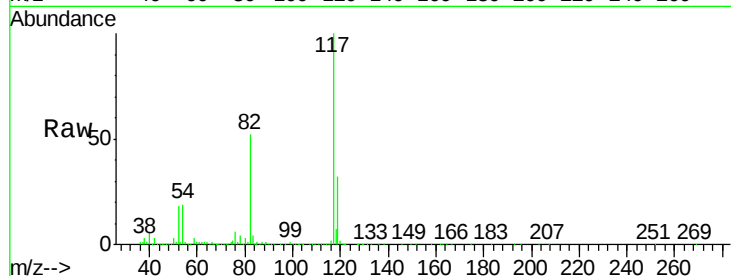




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

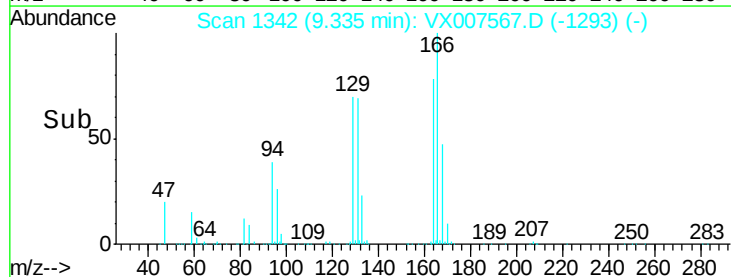
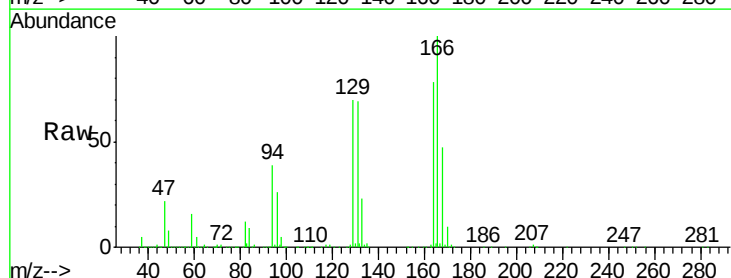
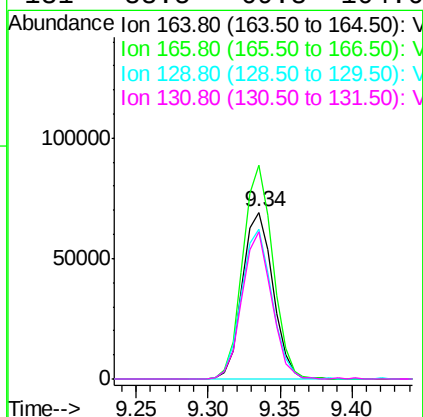
Instrument :
MSVOA_W
ClientSampled :

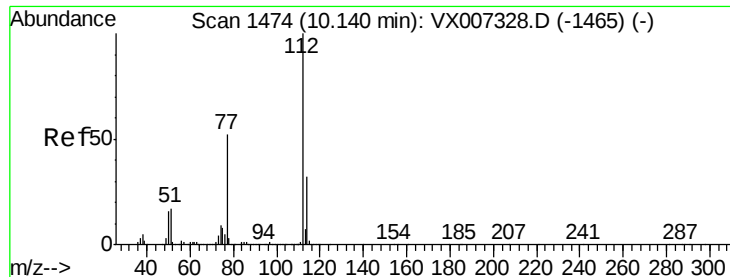
Tot Ion:117 Resp: 596024
Ion Ratio Lower Upper
117 100
82 51.8 42.1 63.1
119 31.9 26.5 39.7



#64
Tetrachloroethene
Concen: 18.194 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

Tgt Ion:164 Resp: 102211
Ion Ratio Lower Upper
164 100
166 128.1 101.0 151.4
129 89.7 70.5 105.7
131 88.5 69.8 104.6

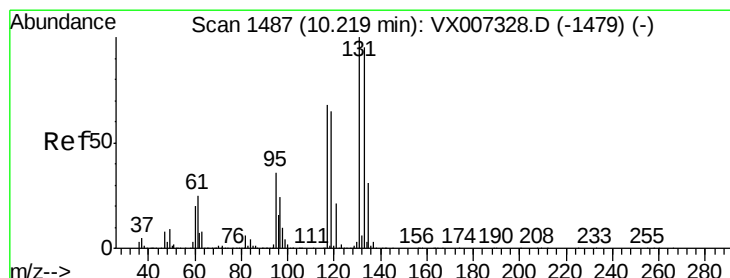
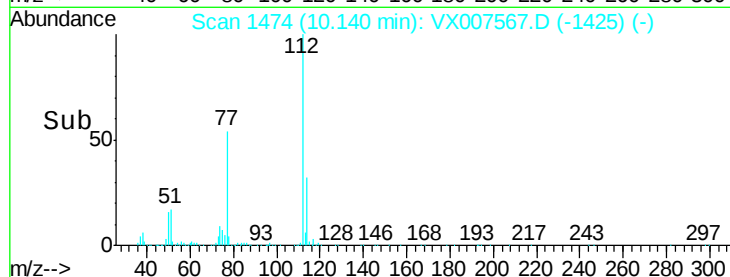
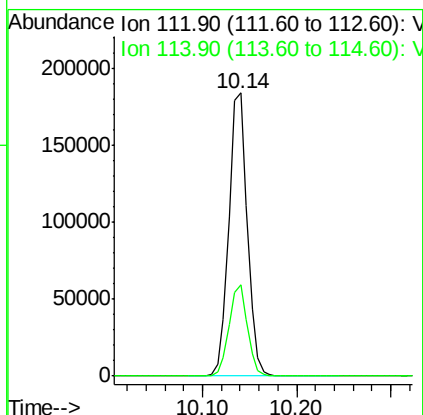
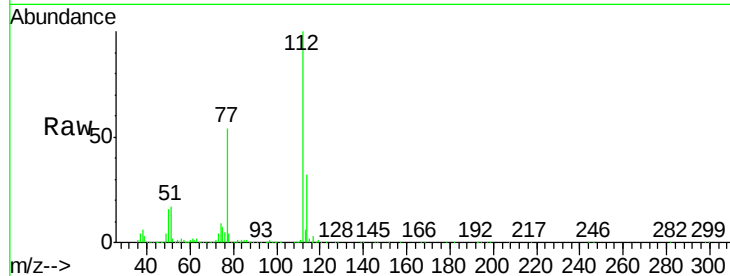




#65
Chlorobenzene
Concen: 19.367 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

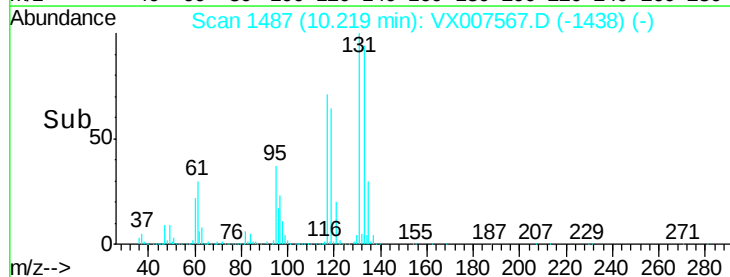
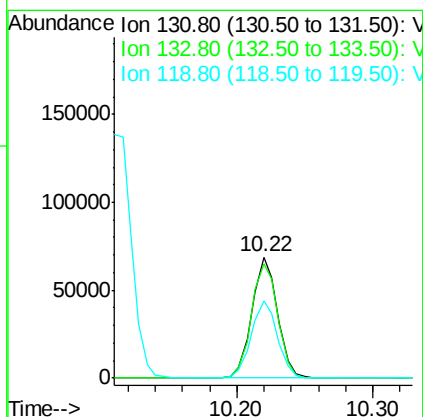
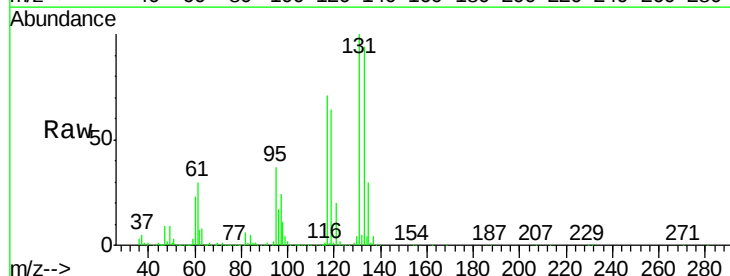
Instrument :
MSVOA_W
ClientSampleId :

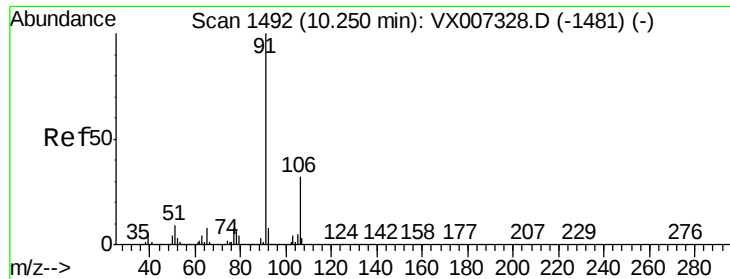
Tot Ion:112 Resp: 251890
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.879 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

Tgt Ion:131 Resp: 91047
Ion Ratio Lower Upper
131 100
133 96.9 48.0 144.2
119 65.5 32.0 96.0

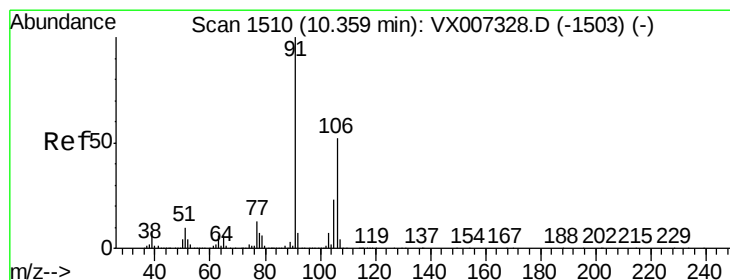
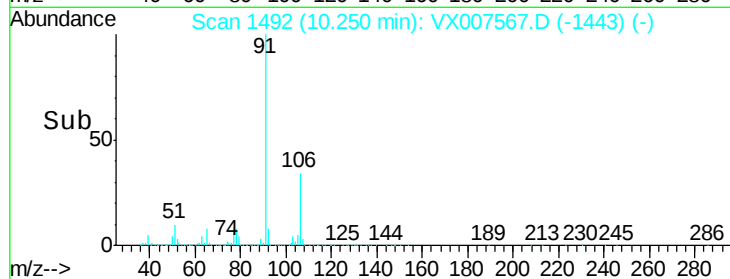
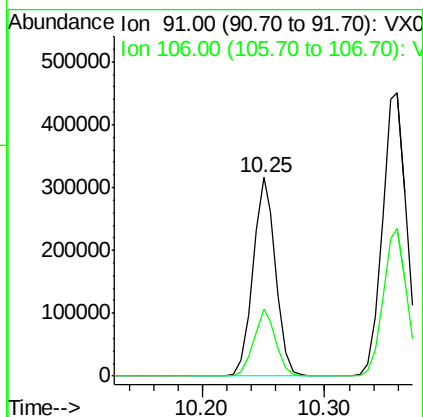
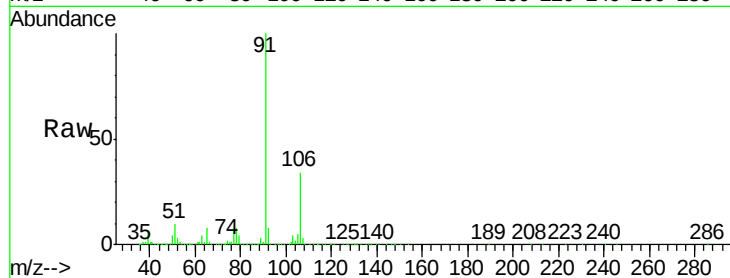




#67
Ethyl Benzene
Concen: 19.447 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

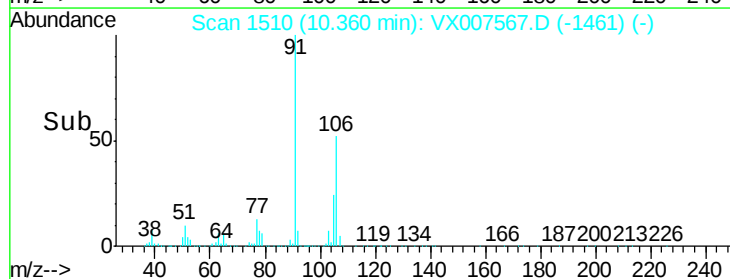
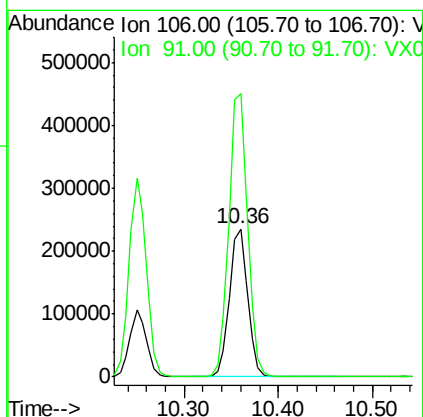
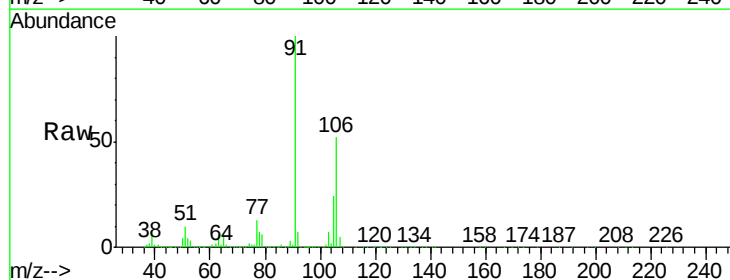
Instrument :
MSVOA_W
ClientSampled :

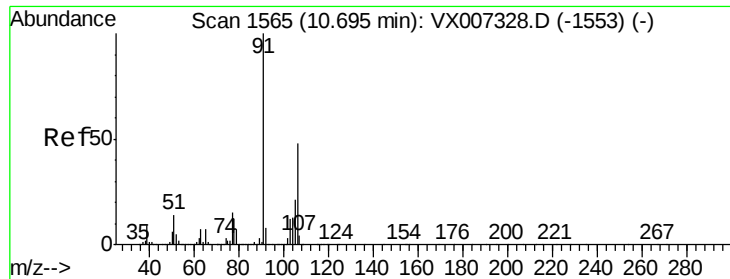
Tot Ion: 91 Resp: 407314
Ion Ratio Lower Upper
91 100
106 33.5 25.4 38.0



#68
m/p-Xylenes
Concen: 38.112 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

Tgt Ion: 106 Resp: 317323
Ion Ratio Lower Upper
106 100
91 196.4 156.6 234.8

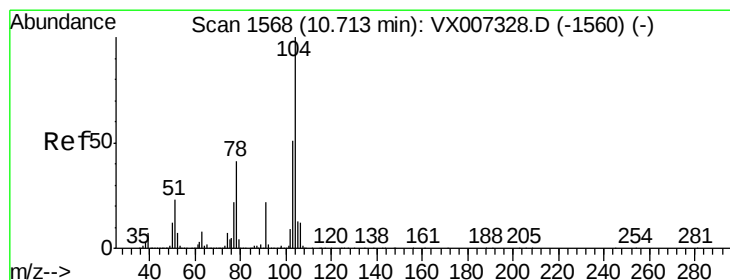
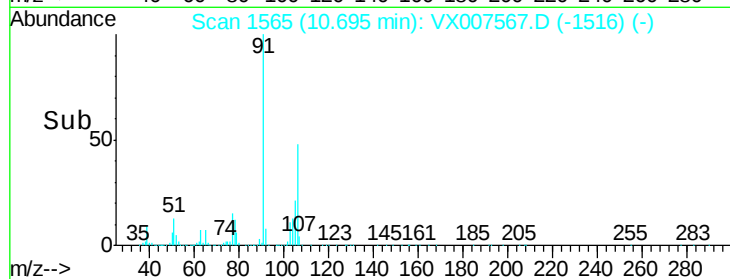
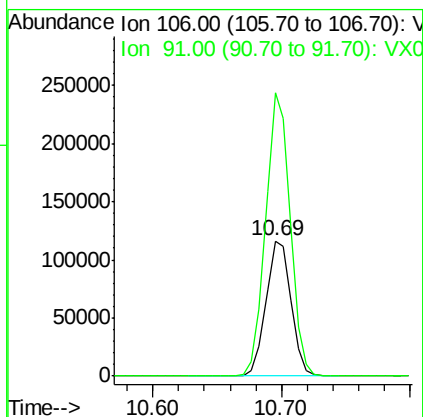
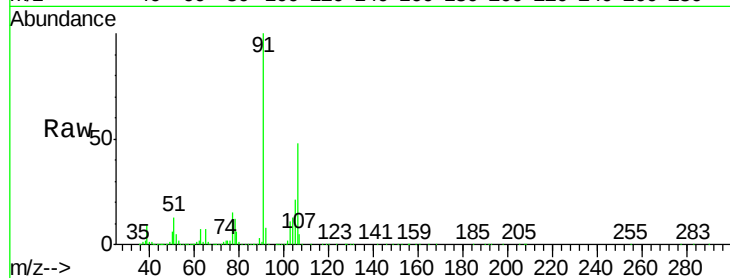




#69
o-Xylene
Concen: 19.604 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

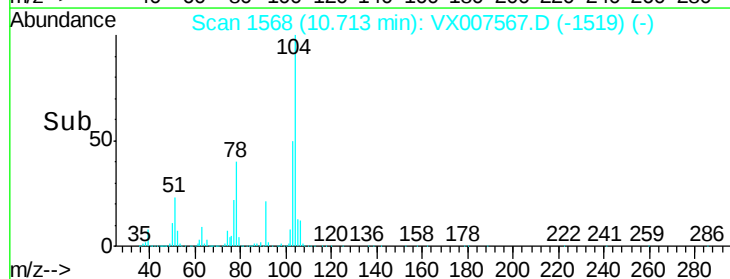
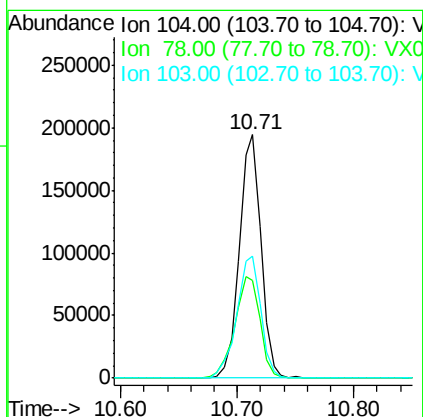
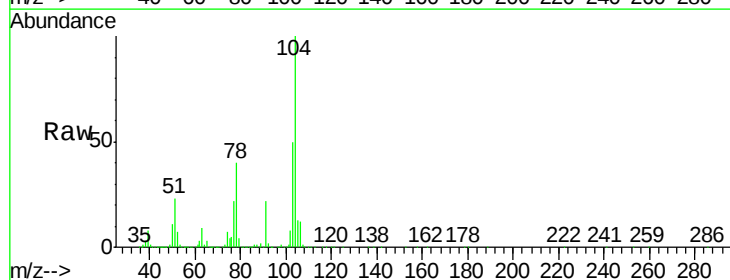
Instrument :
MSVOA_W
ClientSampled :

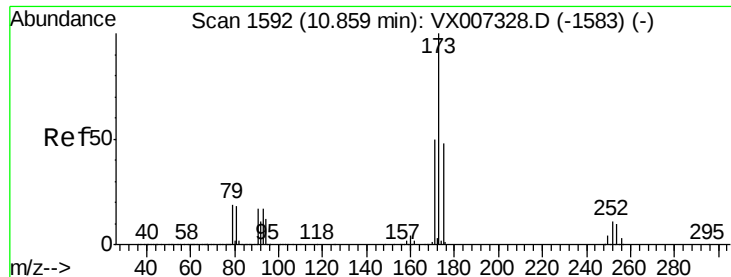
Tot Ion:106 Resp: 157059
Ion Ratio Lower Upper
106 100
91 205.2 102.9 308.7



#70
Styrene
Concen: 19.430 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

Tgt Ion:104 Resp: 252459
Ion Ratio Lower Upper
104 100
78 48.4 38.3 57.5
103 56.2 44.6 67.0

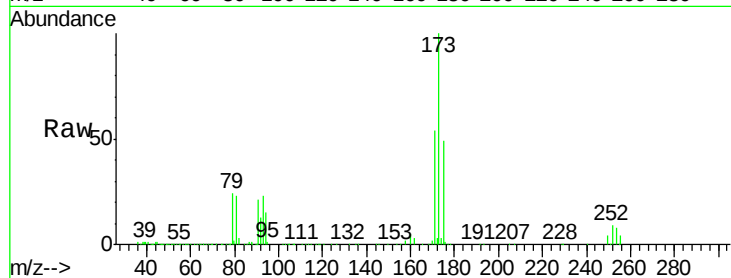




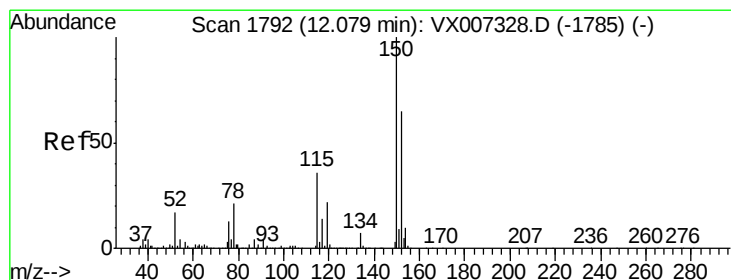
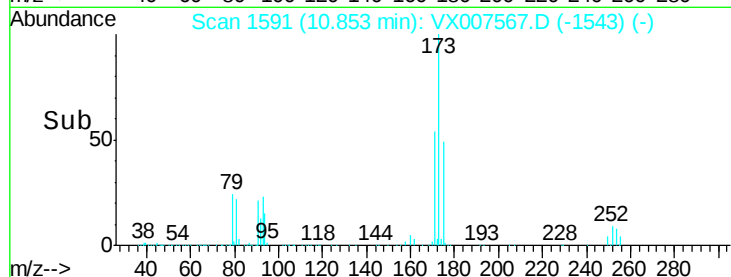
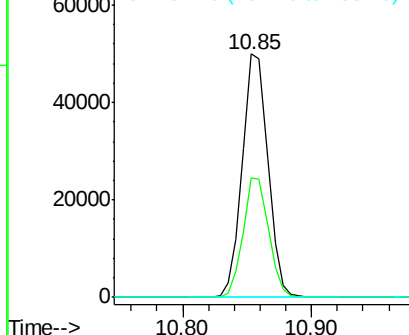
#71
Bromoform
Concen: 20.612 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.01 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:173 Resp: 68983
Ion Ratio Lower Upper
173 100
175 48.8 24.2 72.6
254 0.2 0.2 0.2#

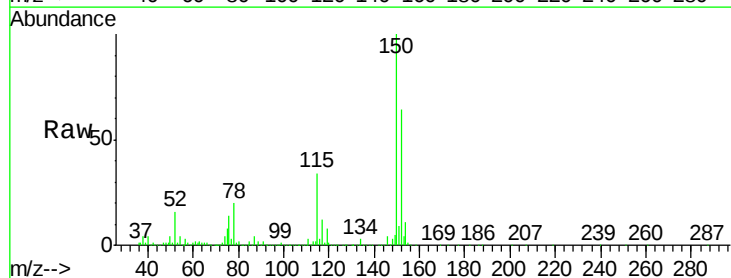


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

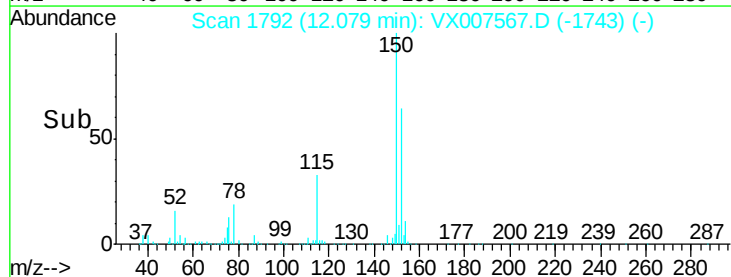
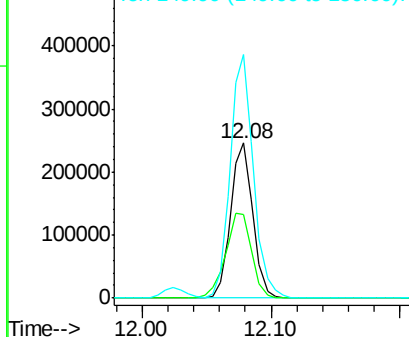


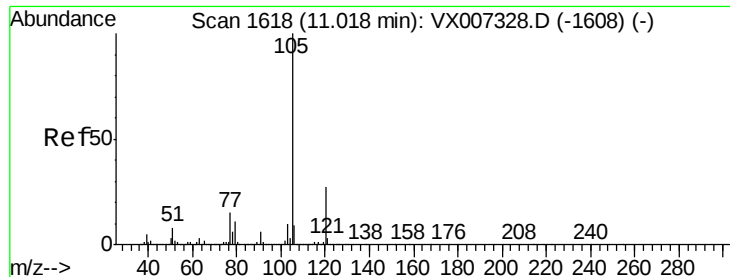
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

Tgt Ion:152 Resp: 296235
Ion Ratio Lower Upper
152 100
115 64.0 38.0 114.0
150 164.4 0.0 346.4



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





#73

Isopropylbenzene

Concen: 20.792 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Instrument :

MSVOA_W

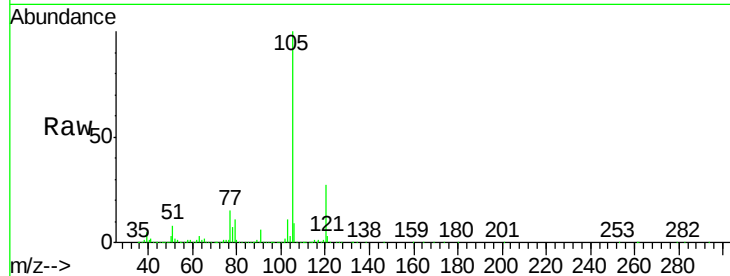
ClientSampleId :

Tot Ion:105 Resp: 418558

Ion Ratio Lower Upper

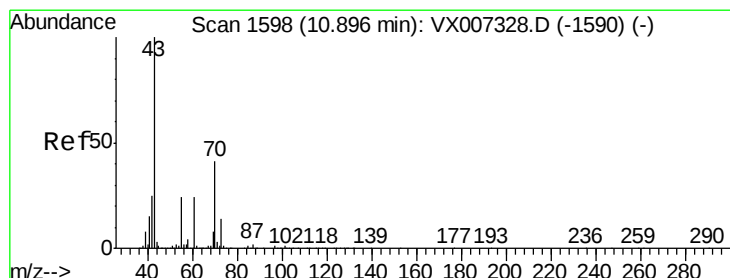
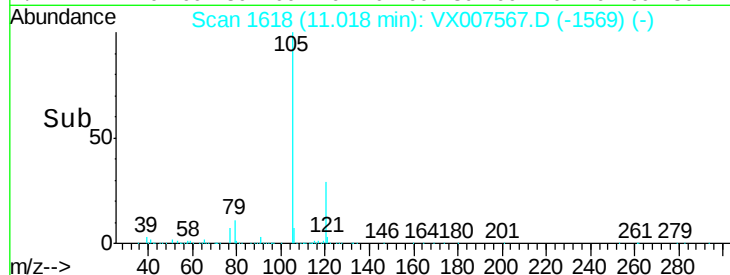
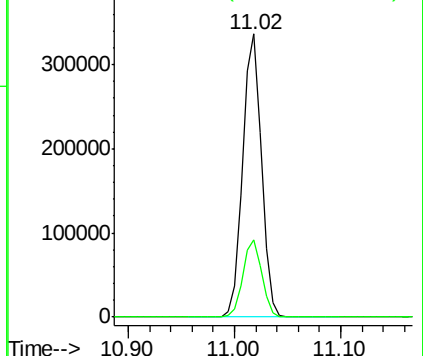
105 100

120 27.5 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.722 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Tgt Ion: 43 Resp: 169133

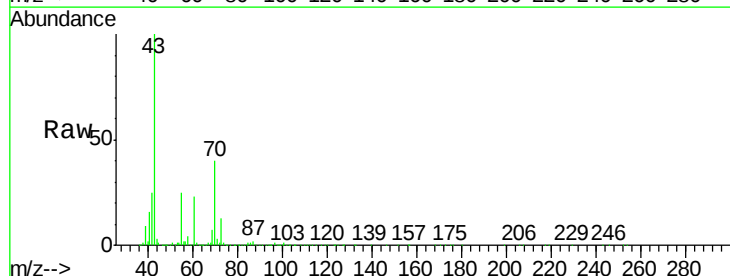
Ion Ratio Lower Upper

43 100

70 42.6 33.8 50.6

55 25.4 19.5 29.3

61 23.9 19.4 29.2

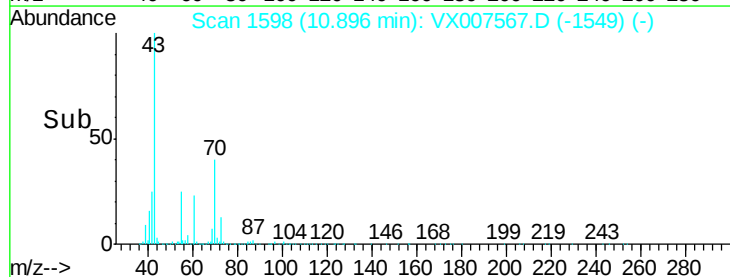
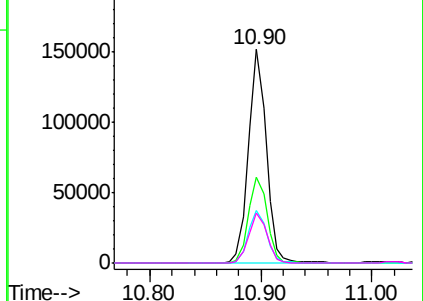


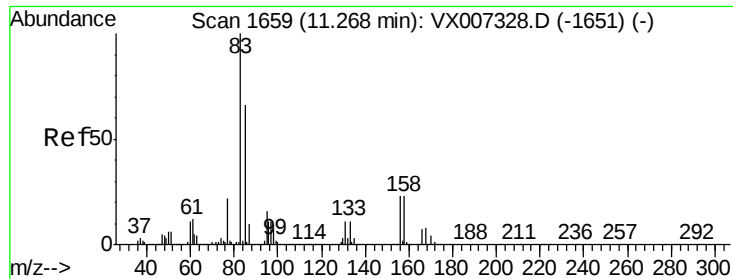
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 22.951 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Instrument :

MSVOA_W

ClientSampled :

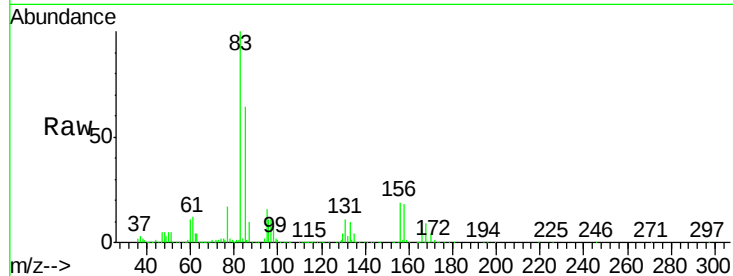
Tot Ion: 83 Resp: 140803

Ion Ratio Lower Upper

83 100

131 11.0 5.7 17.0

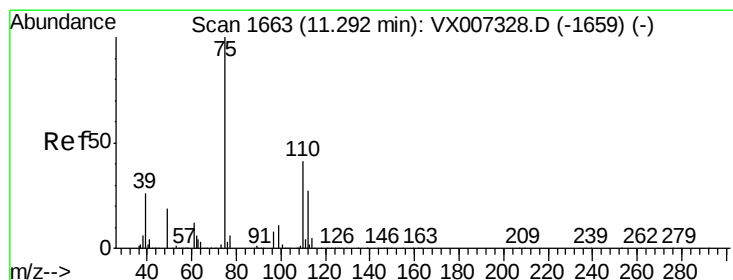
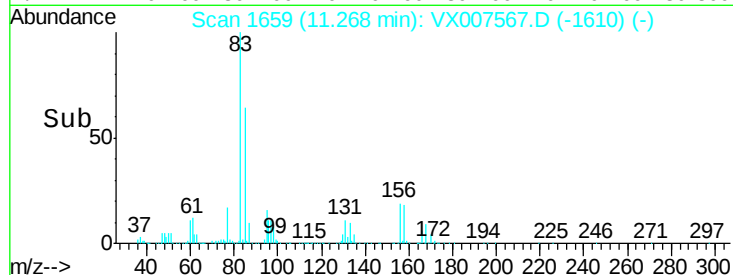
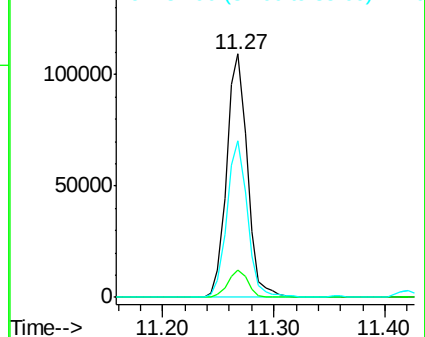
85 63.7 32.8 98.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.391 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX007567.D

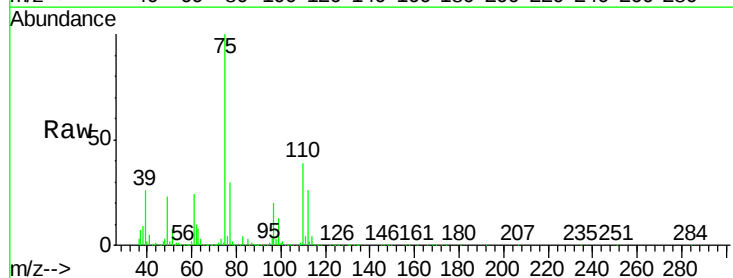
Acq: 15 Feb 2019 14:51

Tgt Ion: 75 Resp: 152067

Ion Ratio Lower Upper

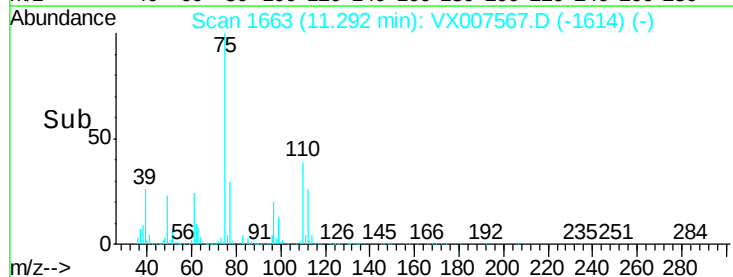
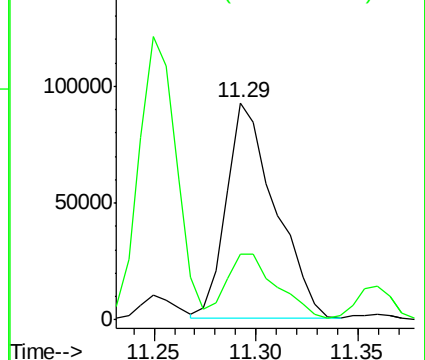
75 100

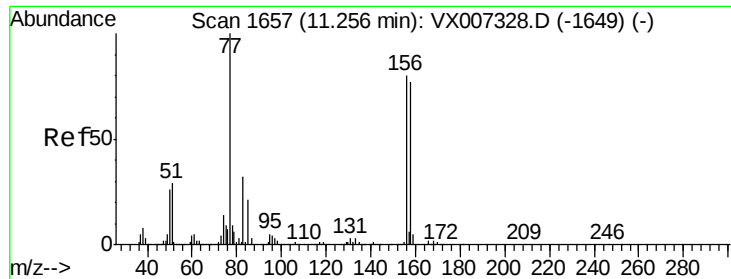
77 32.1 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.927 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Instrument :

MSVOA_W

ClientSampleId :

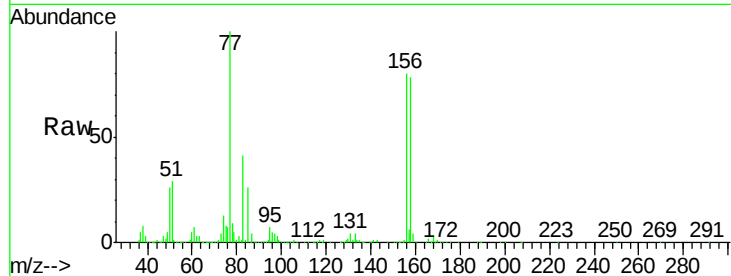
Tot Ion:156 Resp: 113027

Ion Ratio Lower Upper

156 100

77 136.7 66.8 200.6

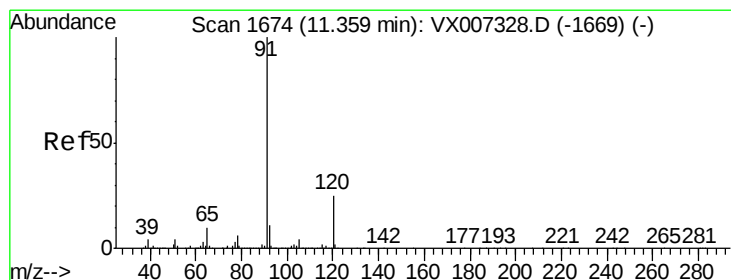
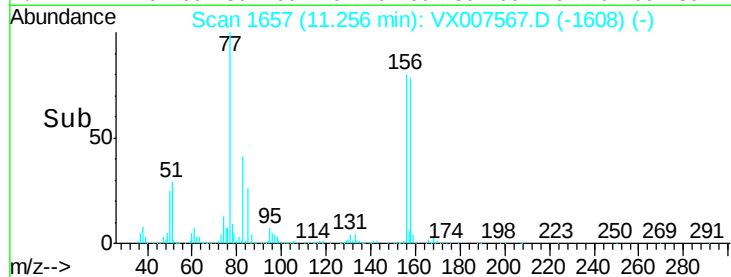
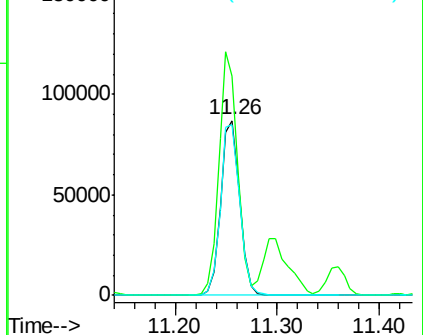
158 99.3 47.9 143.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.856 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007567.D

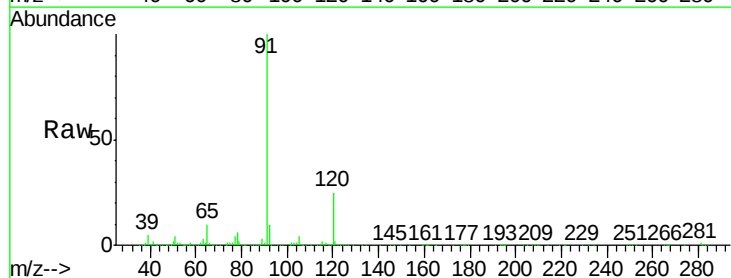
Acq: 15 Feb 2019 14:51

Tgt Ion: 91 Resp: 460382

Ion Ratio Lower Upper

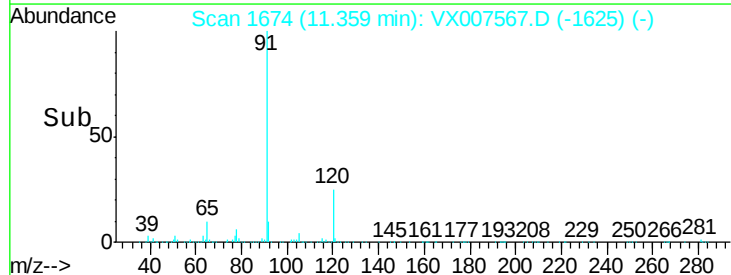
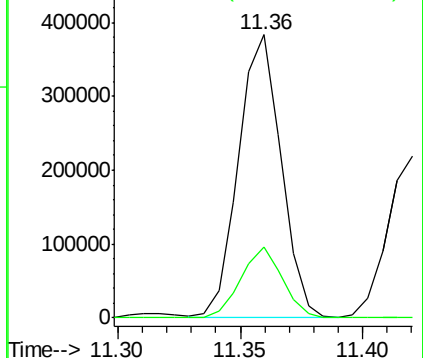
91 100

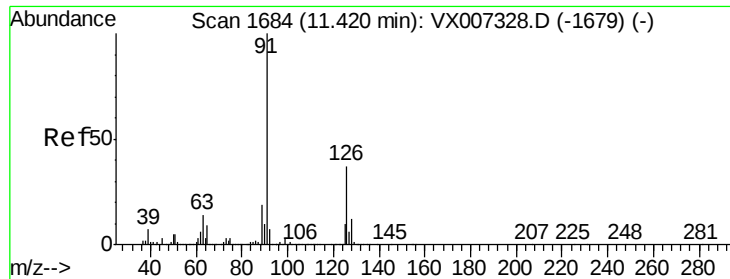
120 24.6 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.432 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Instrument :

MSVOA_W

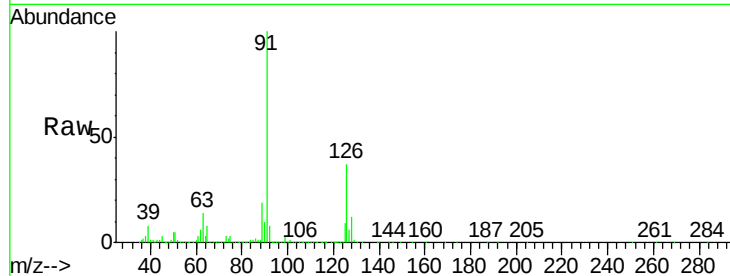
ClientSampled :

Tot Ion: 91 Resp: 273680

Ion Ratio Lower Upper

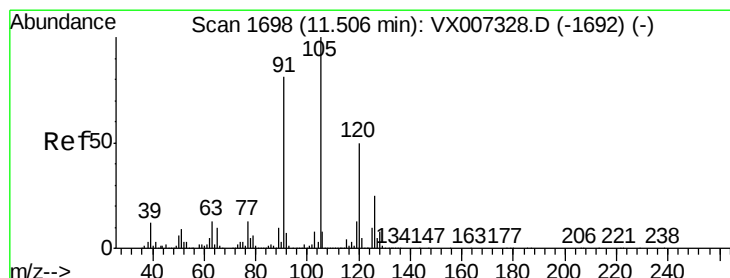
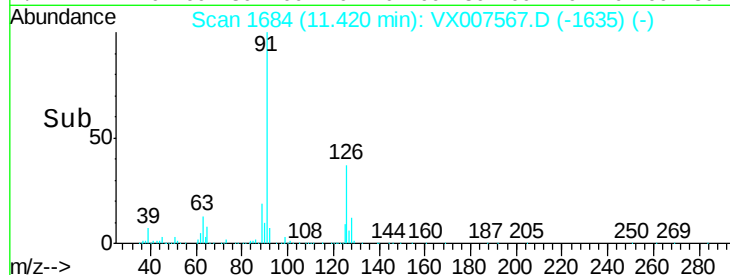
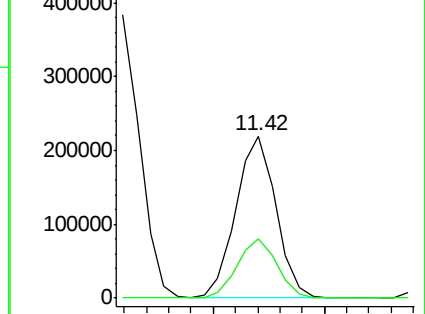
91 100

126 36.9 18.7 56.1



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: 20.415 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007567.D

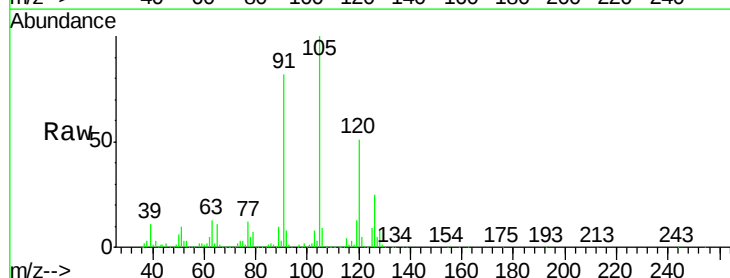
Acq: 15 Feb 2019 14:51

Tgt Ion: 105 Resp: 336227

Ion Ratio Lower Upper

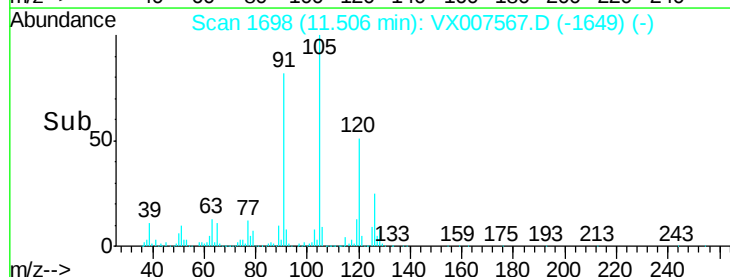
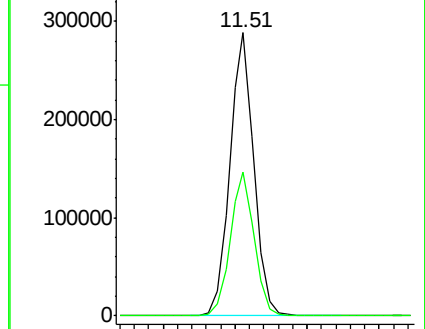
105 100

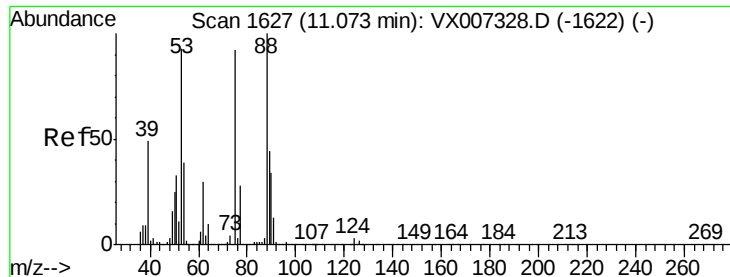
120 50.7 25.3 75.8



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: 22.111 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

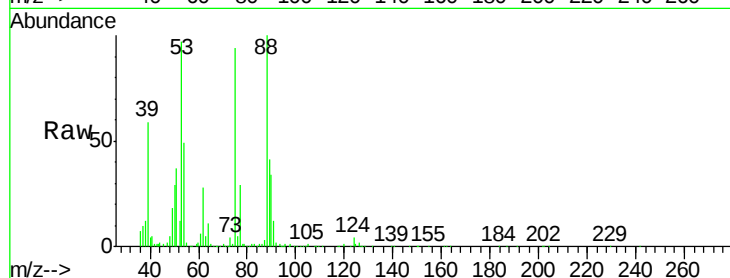
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 36416

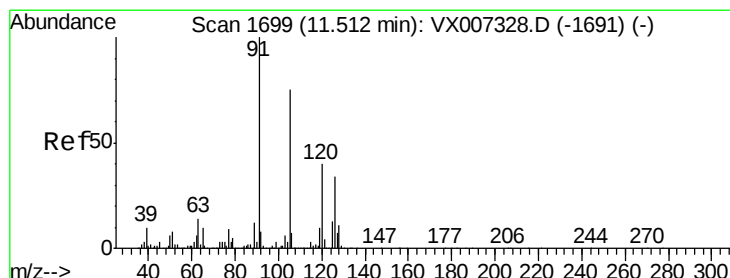
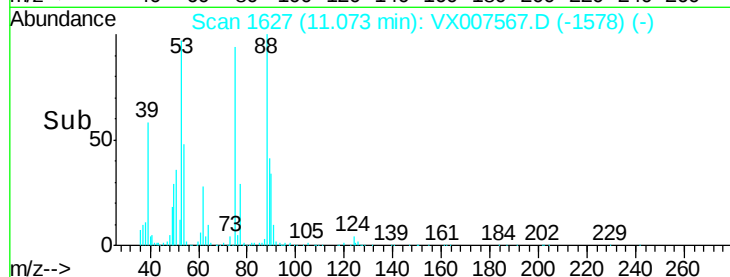
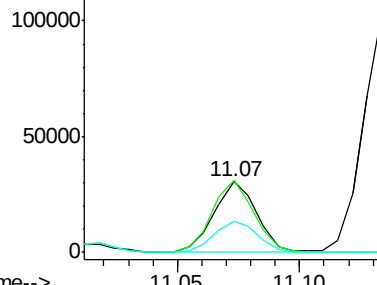
Ion	Ratio	Lower	Upper
75	100		
53	100.3	81.0	121.6
89	44.5	41.4	62.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.449 ug/l

RT: 11.51 min Scan# 1699

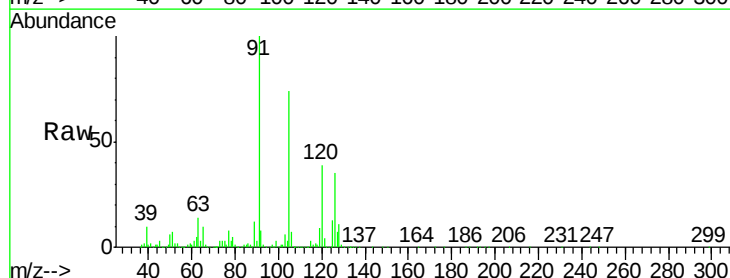
Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

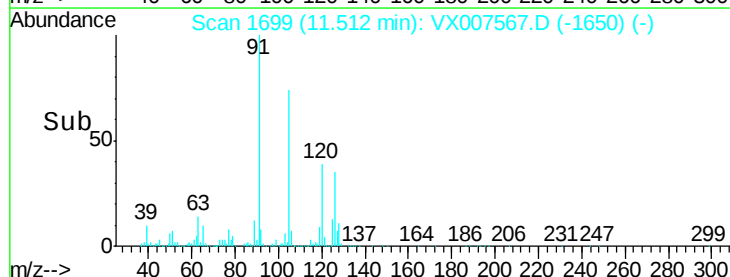
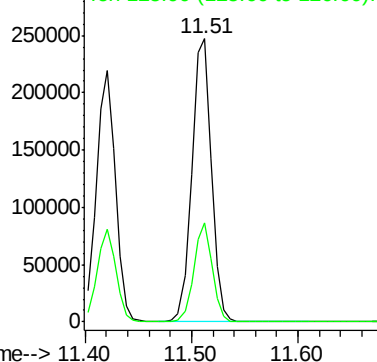
Tgt Ion: 91 Resp: 316935

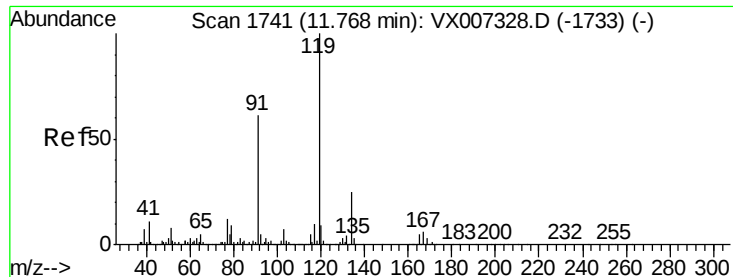
Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.2	48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.683 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Instrument :

MSVOA_W

ClientSampleId :

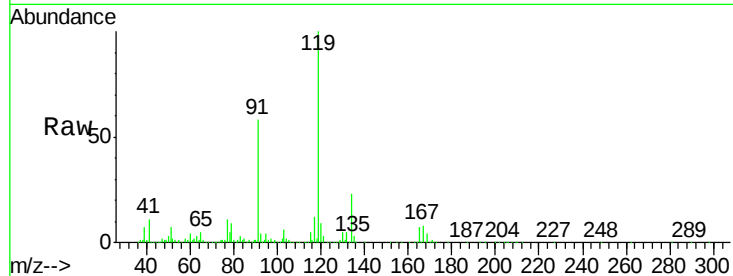
Tot Ion:119 Resp: 337255

Ion Ratio Lower Upper

119 100

91 55.7 28.5 85.6

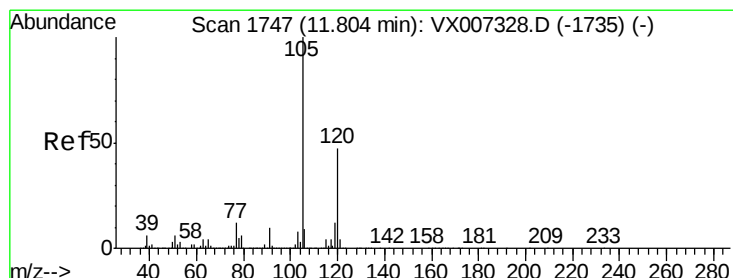
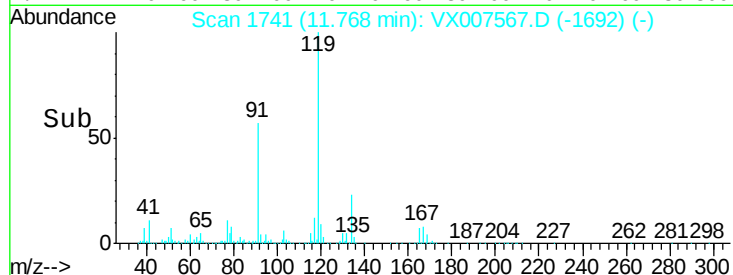
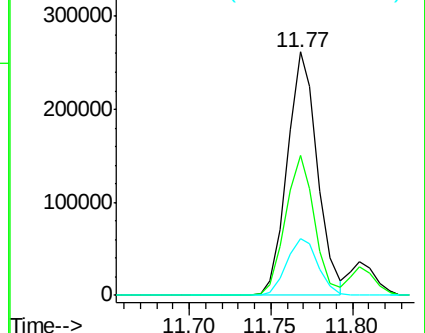
134 24.3 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.889 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX007567.D

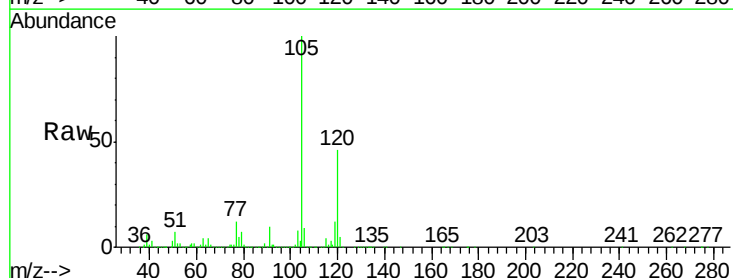
Acq: 15 Feb 2019 14:51

Tgt Ion:105 Resp: 349268

Ion Ratio Lower Upper

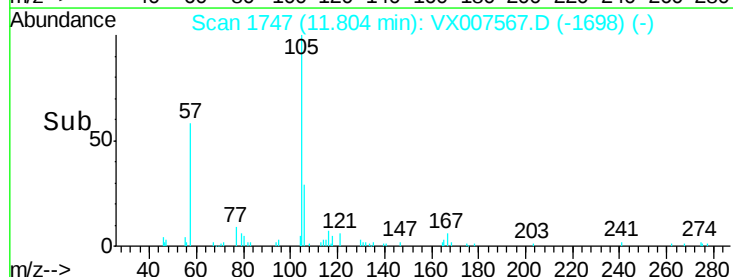
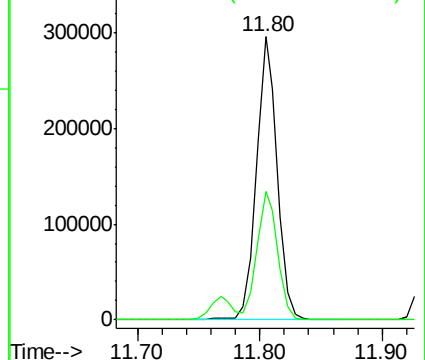
105 100

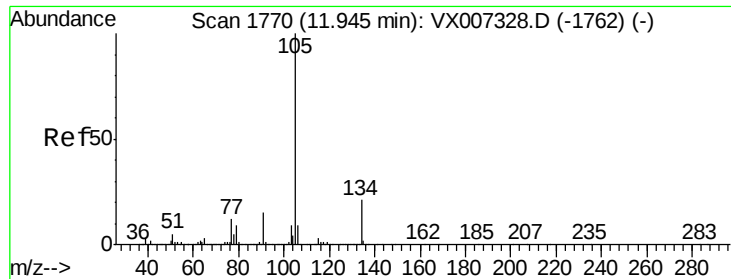
120 45.5 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.927 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Instrument :

MSVOA_W

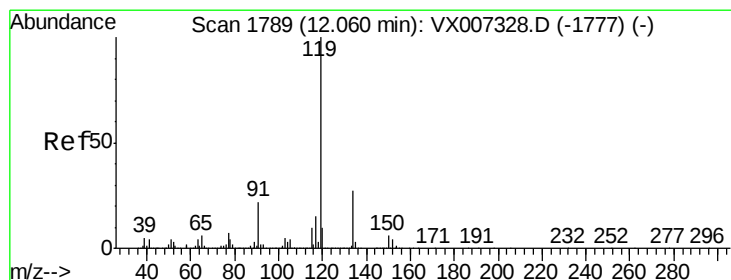
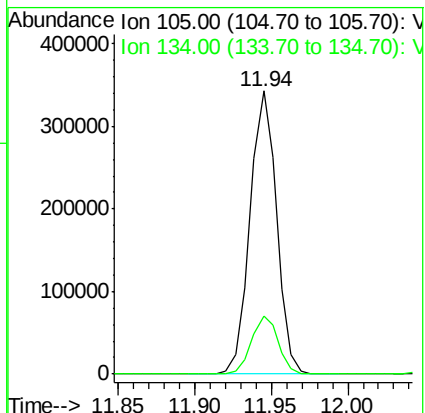
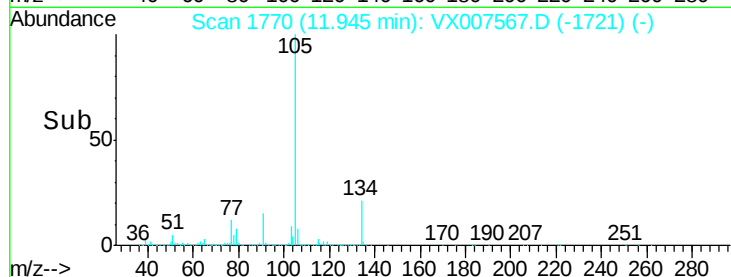
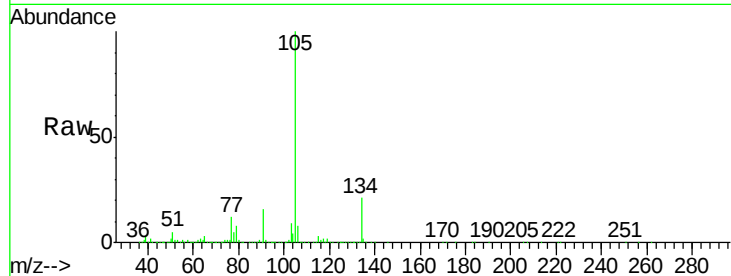
ClientSampleId :

Tot Ion:105 Resp: 413001

Ion Ratio Lower Upper

105 100

134 20.7 10.6 31.8



#86

p-Isopropyltoluene

Concen: 20.223 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

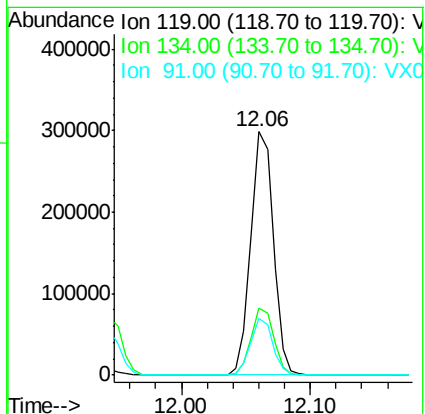
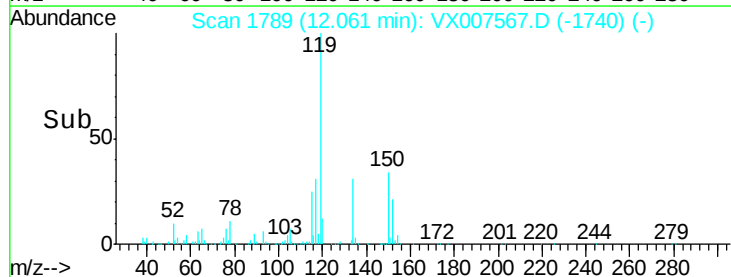
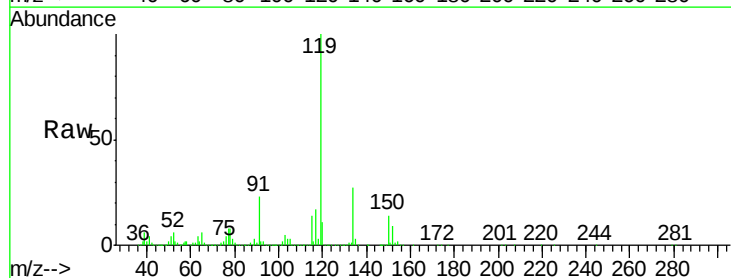
Tgt Ion:119 Resp: 360271

Ion Ratio Lower Upper

119 100

134 27.7 13.7 41.1

91 22.9 11.2 33.5

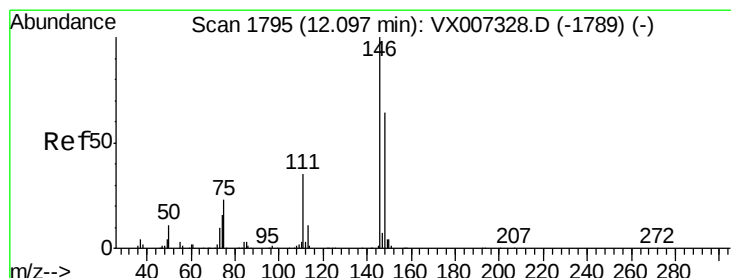
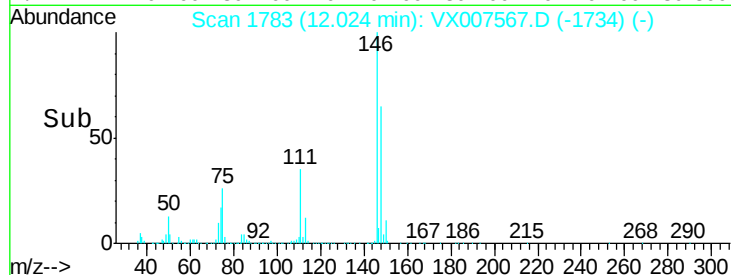
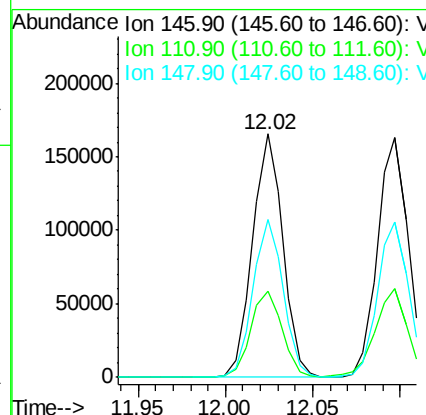
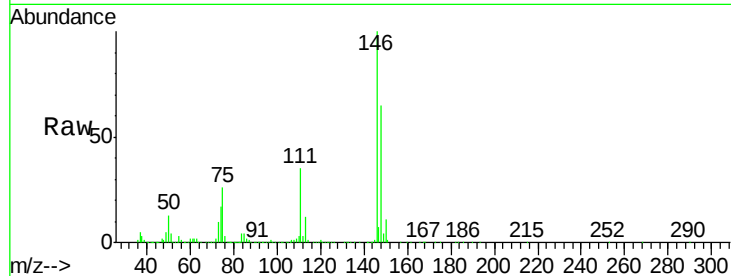




#87
 1,3-Dichlorobenzene
 Concen: 19.641 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007567.D
 Acq: 15 Feb 2019 14:51

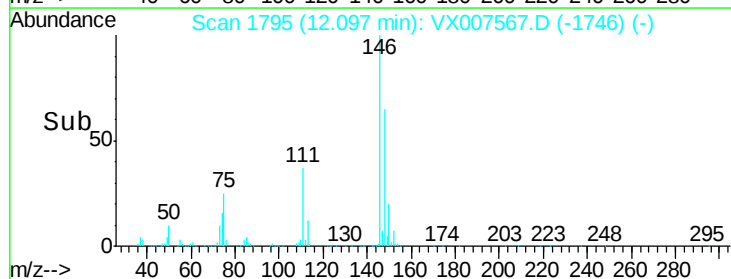
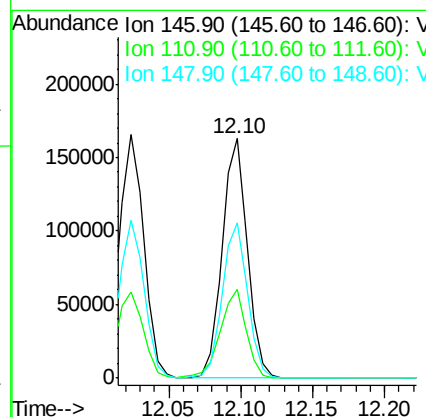
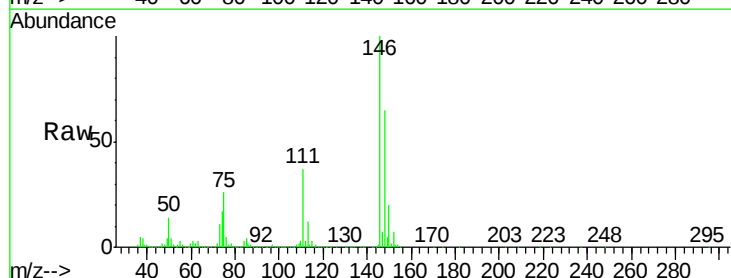
Instrument :
 MSVOA_W
 ClientSampleId :

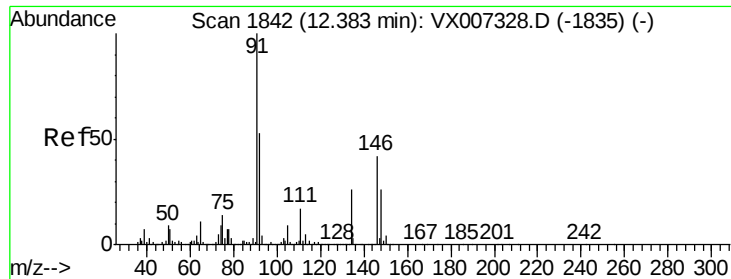
Tot Ion:146 Resp: 199927
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.1 54.1
 148 64.5 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 19.434 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007567.D
 Acq: 15 Feb 2019 14:51

Tgt Ion:146 Resp: 200702
 Ion Ratio Lower Upper
 146 100
 111 38.3 18.1 54.1
 148 64.9 32.3 96.9

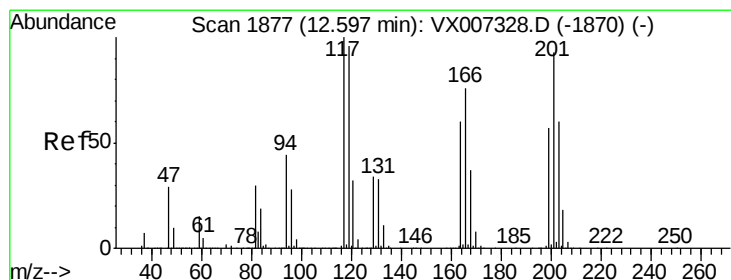
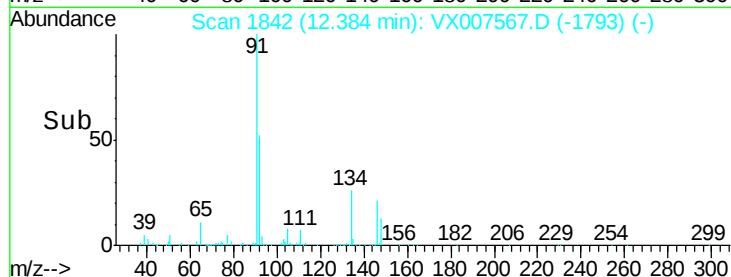
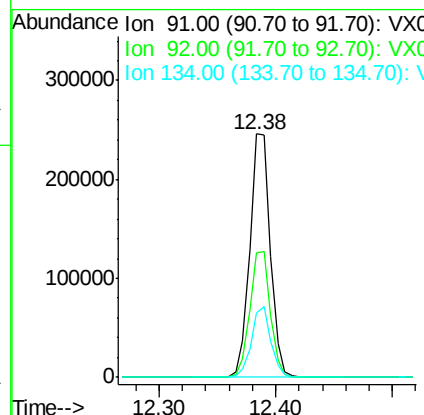
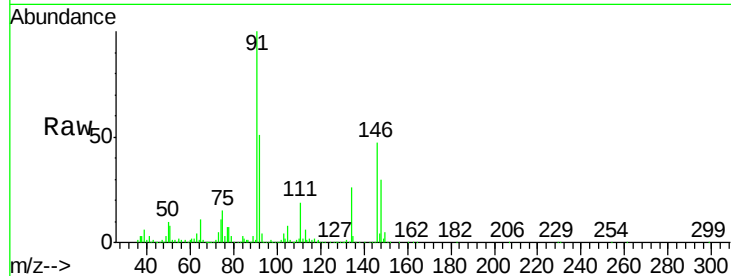




#89
n-Butylbenzene
Concen: 19.772 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

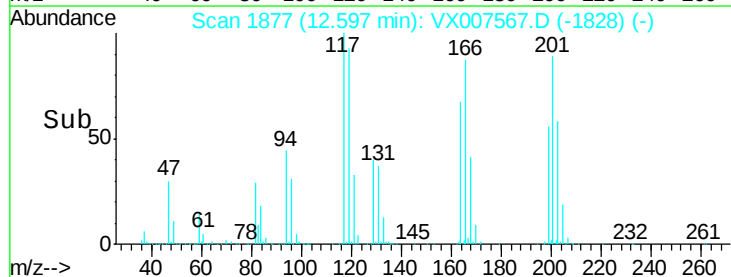
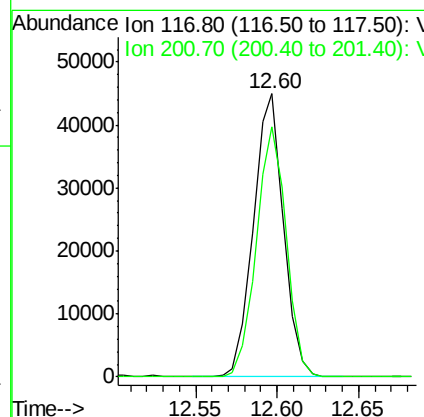
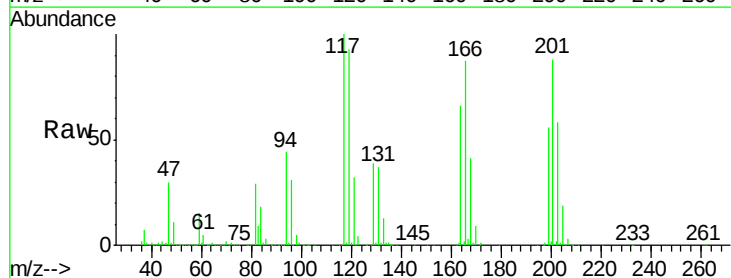
Instrument :
MSVOA_W
ClientSampleId :

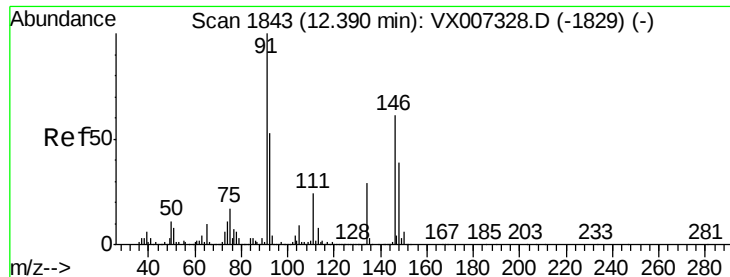
Tot Ion: 91 Resp: 303006
Ion Ratio Lower Upper
91 100
92 51.8 26.3 78.9
134 27.3 13.9 41.6



#90
Hexachloroethane
Concen: 21.629 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007567.D
Acq: 15 Feb 2019 14:51

Tgt Ion: 117 Resp: 57668
Ion Ratio Lower Upper
117 100
201 87.4 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 20.021 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Instrument :

MSVOA_W

ClientSampled :

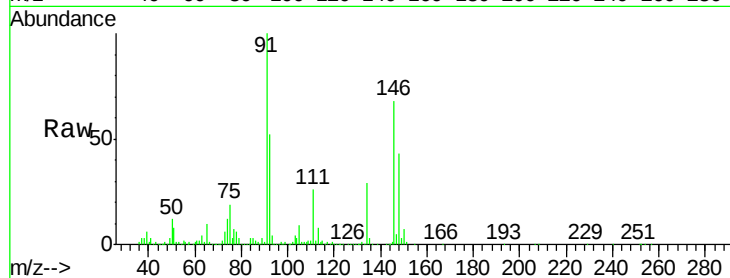
Tot Ion:146 Resp: 202816

Ion Ratio Lower Upper

146 100

111 37.8 19.1 57.3

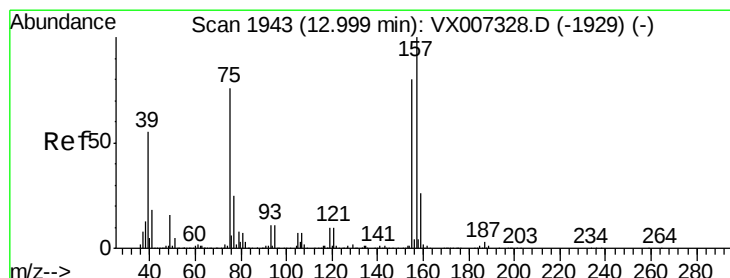
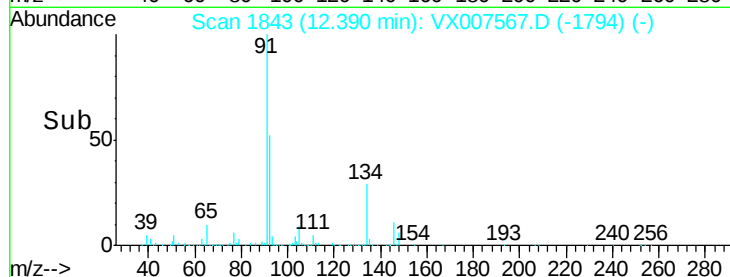
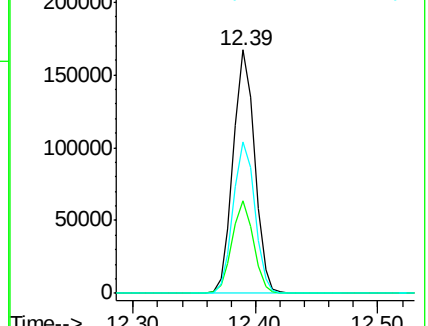
148 63.0 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.076 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

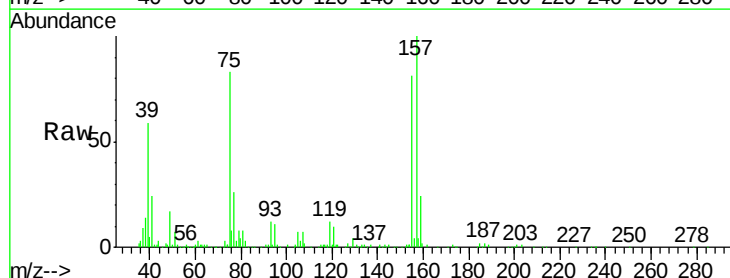
Tgt Ion: 75 Resp: 28161

Ion Ratio Lower Upper

75 100

155 100.1 49.6 149.0

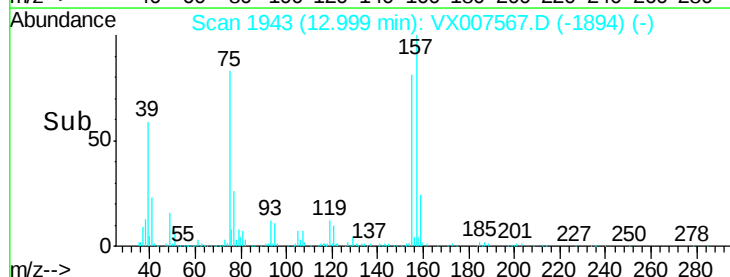
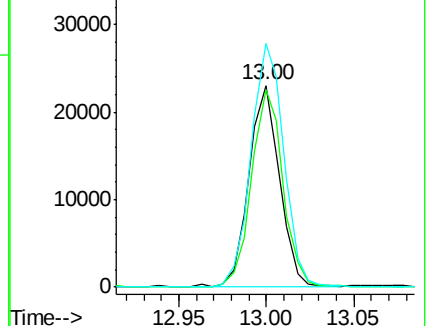
157 128.6 65.1 195.3

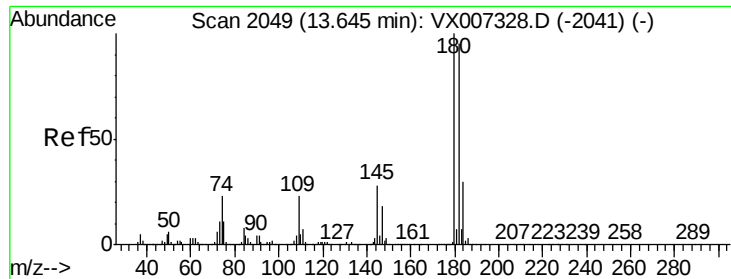


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 19.620 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX007567.D

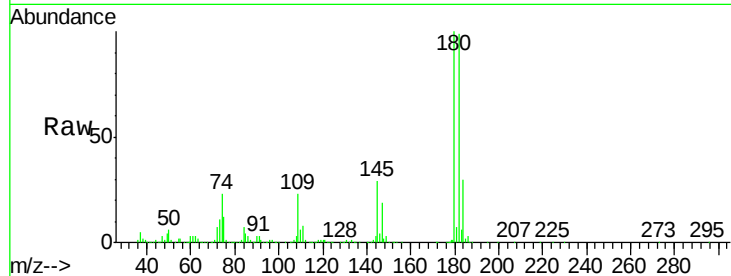
Acq: 15 Feb 2019 14:51

Instrument :

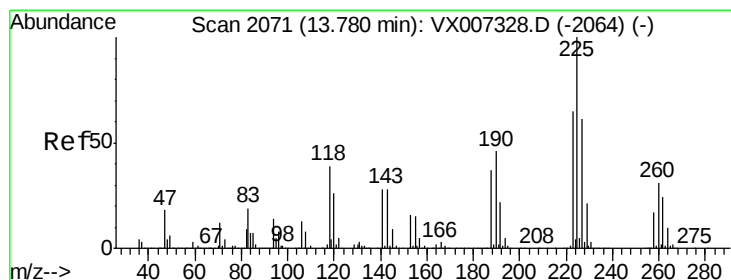
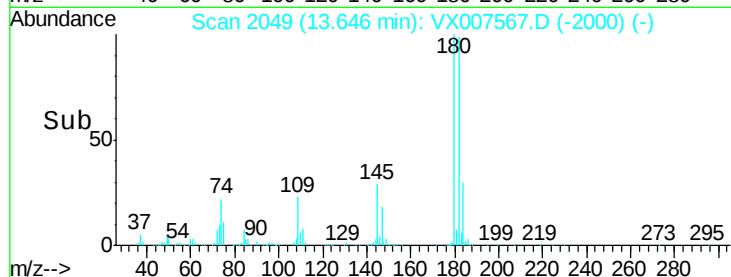
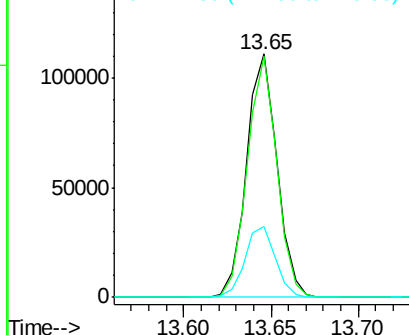
MSVOA_W

ClientSampleId :

Tot Ion:	180	Resp:	134037
Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.8	143.3
145	29.3	14.1	42.2



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



#94

Hexachlorobutadiene

Concen: 19.411 ug/l

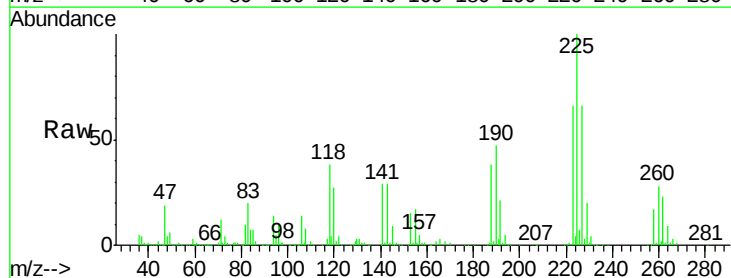
RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

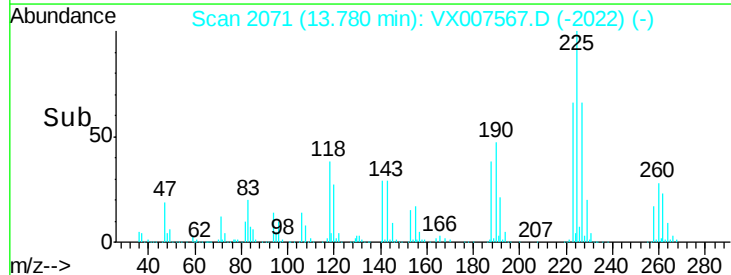
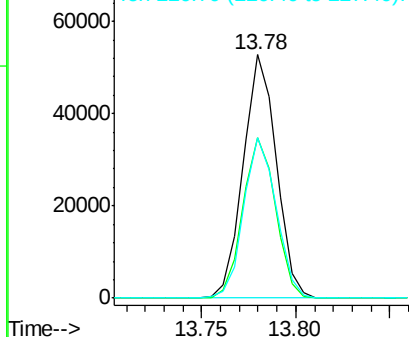
Lab File: VX007567.D

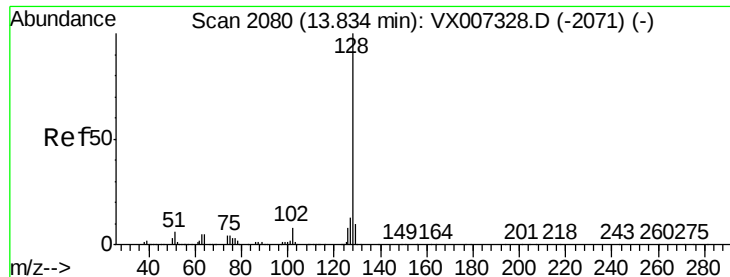
Acq: 15 Feb 2019 14:51

Tgt Ion:	225	Resp:	64392
Ion	Ratio	Lower	Upper
225	100		
223	64.8	31.6	94.8
227	64.8	32.1	96.3



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: 20.972 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

Instrument :

MSVOA_W

ClientSampleId :

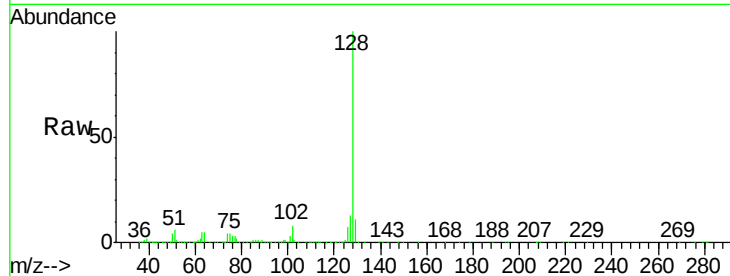
Tot Ion:128 Resp: 418976

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

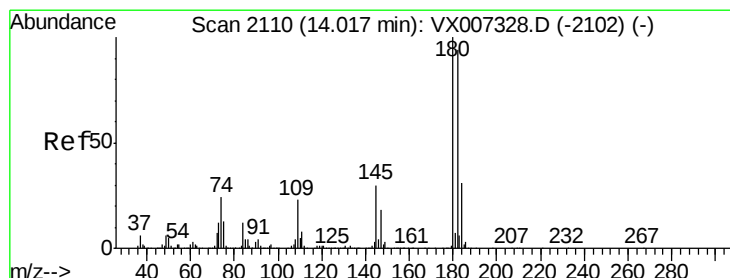
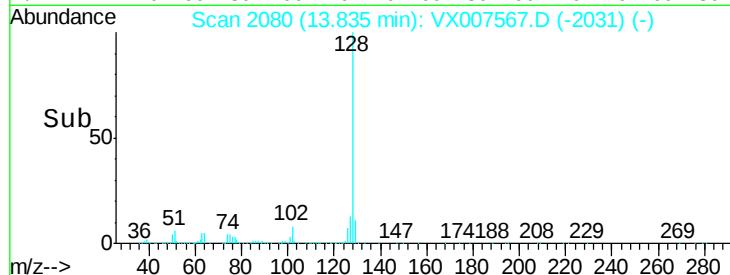
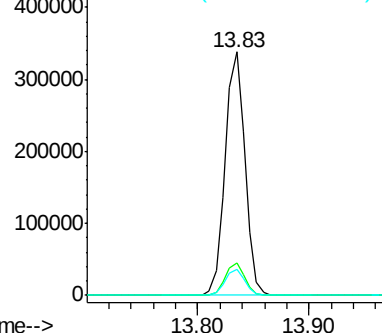
129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.262 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007567.D

Acq: 15 Feb 2019 14:51

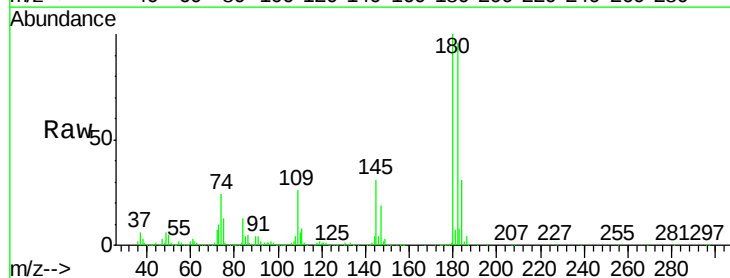
Tgt Ion:180 Resp: 132459

Ion Ratio Lower Upper

180 100

182 97.0 47.5 142.6

145 31.1 14.9 44.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

