

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081619\
 Data File : VX011574.D
 Acq On : 16 Aug 2019 12:29
 Operator : JC/SP
 Sample : VX0816WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0816WBS01

Quant Time: Aug 19 01:06:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	371491	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	509487	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	457083	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	245501	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	158931	46.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.26%	
35) Dibromofluoromethane	5.49	113	149160	44.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.52%	
50) Toluene-d8	8.71	98	487873	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	
62) 4-Bromofluorobenzene	11.13	95	199035	45.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.82%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	72779	19.931	ug/l 98
3) Chloromethane	1.32	50	61157	16.125	ug/l 99
4) Vinyl Chloride	1.40	62	59389	17.335	ug/l 100
5) Bromomethane	1.63	94	34291	22.338	ug/l 97
6) Chloroethane	1.71	64	28871	17.805	ug/l 98
7) Trichlorofluoromethane	1.92	101	84460	17.798	ug/l 98
8) Diethyl Ether	2.18	74	25960	15.948	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	50223	15.323	ug/l 98
10) Methyl Iodide	2.50	142	75133	16.091	ug/l 97
11) Tert butyl alcohol	3.03	59	68989	81.626	ug/l 99
12) 1,1-Dichloroethene	2.37	96	45961	14.510	ug/l 100
13) Acrolein	2.28	56	20818	88.334	ug/l 98
14) Allyl chloride	2.72	41	89144	16.918	ug/l 97
15) Acrylonitrile	3.13	53	165099	85.351	ug/l 99
16) Acetone	2.43	43	143441	82.806	ug/l 98
17) Carbon Disulfide	2.56	76	127474	17.079	ug/l 99
18) Methyl Acetate	2.76	43	92324	17.185	ug/l 98
19) Methyl tert-butyl Ether	3.18	73	179156	17.366	ug/l 99
20) Methylene Chloride	2.85	84	61416	16.886	ug/l 97
21) trans-1,2-Dichloroethene	3.15	96	57882	17.244	ug/l 97
22) Diisopropyl ether	3.84	45	184298	17.563	ug/l 95
23) Vinyl Acetate	3.81	43	722604	86.961	ug/l 99
24) 1,1-Dichloroethane	3.68	63	100140	16.879	ug/l 99
25) 2-Butanone	4.66	43	228836	84.147	ug/l 100
26) 2,2-Dichloropropane	4.57	77	78947	17.680	ug/l 98
27) cis-1,2-Dichloroethene	4.58	96	66398	16.968	ug/l 99
28) Bromochloromethane	5.00	49	45897	17.622	ug/l 98
29) Tetrahydrofuran	5.12	42	148625	83.314	ug/l 99
30) Chloroform	5.20	83	108722	17.364	ug/l 97
31) Cyclohexane	5.57	56	90439	17.705	ug/l 99
32) 1,1,1-Trichloroethane	5.48	97	92738	17.225	ug/l 99
36) 1,1-Dichloropropene	5.79	75	77775	17.854	ug/l 99
37) Ethyl Acetate	4.82	43	86670	17.298	ug/l 99
38) Carbon Tetrachloride	5.78	117	81807	17.046	ug/l 98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	95764	17.802	ug/l	95
40) Benzene	6.13	78	235155	17.371	ug/l	100
41) Methacrylonitrile	5.03	41	46940	17.023	ug/l	96
42) 1,2-Dichloroethane	6.18	62	84390	17.994	ug/l	99
43) Isopropyl Acetate	6.43	43	130444	16.683	ug/l	99
44) Trichloroethene	7.21	130	70439	17.541	ug/l	97
45) 1,2-Dichloropropane	7.51	63	59664	17.673	ug/l	92
46) Dibromomethane	7.66	93	40627	16.560	ug/l	98
47) Bromodichloromethane	7.89	83	75084	16.669	ug/l	98
48) Methyl methacrylate	7.76	41	65855	17.007	ug/l	99
49) 1,4-Dioxane	7.73	88	34164	331.721	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	449783	87.883	ug/l	98
52) Toluene	8.78	92	152270	17.656	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	79576	17.022	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	90788	17.745	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	64336	17.543	ug/l	98
56) Ethyl methacrylate	9.17	69	93119	17.470	ug/l	99
57) 1,3-Dichloropropane	9.37	76	100865	17.302	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	236977	89.226	ug/l	100
59) 2-Hexanone	9.49	43	337773	85.583	ug/l	100
60) Dibromochloromethane	9.58	129	66948	17.521	ug/l	99
61) 1,2-Dibromoethane	9.67	107	68417	17.480	ug/l	100
64) Tetrachloroethene	9.33	164	66687	17.782	ug/l	97
65) Chlorobenzene	10.13	112	172302	17.674	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	65048	17.851	ug/l	98
67) Ethyl Benzene	10.25	91	288714	17.745	ug/l	100
68) m/p-Xylenes	10.35	106	226230	36.223	ug/l	99
69) o-Xylene	10.69	106	109895	17.964	ug/l	97
70) Styrene	10.71	104	181968	17.669	ug/l	100
71) Bromoform	10.85	173	52803	17.222	ug/l #	97
73) Isopropylbenzene	11.01	105	297733	18.690	ug/l	99
74) N-amyl acetate	10.90	43	114776	16.954	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	96784	17.661	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	101865	21.882	ug/l	85
77) Bromobenzene	11.25	156	85122	17.960	ug/l	99
78) n-propylbenzene	11.35	91	320449	18.655	ug/l	100
79) 2-Chlorotoluene	11.42	91	193514	18.346	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	252170	18.844	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	25181	17.824	ug/l	93
82) 4-Chlorotoluene	11.51	91	225450	18.423	ug/l	100
83) tert-Butylbenzene	11.77	119	251442	18.449	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	254330	18.931	ug/l	99
85) sec-Butylbenzene	11.94	105	287420	18.692	ug/l	99
86) p-Isopropyltoluene	12.06	119	279027	19.288	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	147111	18.058	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	148175	17.946	ug/l	99
89) n-Butylbenzene	12.38	91	218622	18.382	ug/l	100
90) Hexachloroethane	12.59	117	40240	17.615	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	147938	18.090	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	20294	16.187	ug/l	99

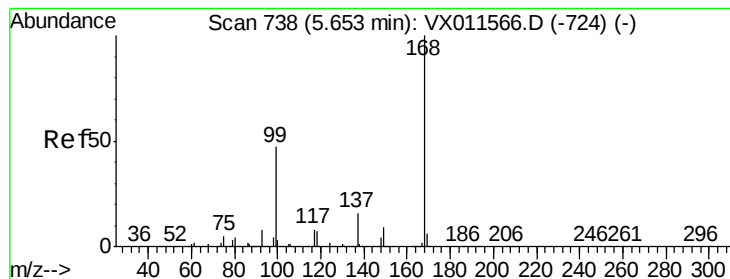
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QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	108377	17.786	ug/l	99
94) Hexachlorobutadiene	13.78	225	61493	18.534	ug/l	99
95) Naphthalene	13.83	128	301084	17.479	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	108604	17.671	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011574.D

Acq: 16 Aug 2019 12:29

Instrument :

MSVOA_X

ClientSampled :

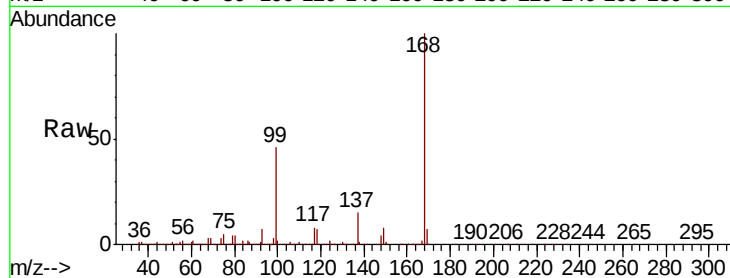
VX0816WBS01

Tgt Ion: 168 Resp: 371491

Ion Ratio Lower Upper

168 100

99 46.0 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

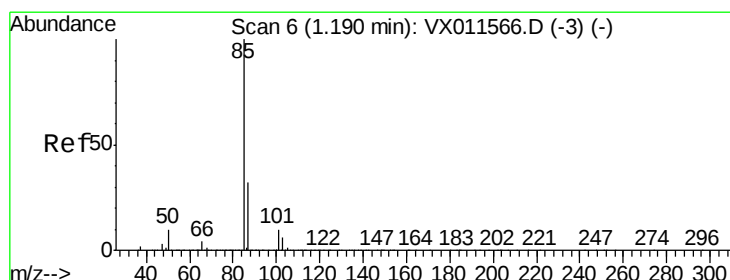
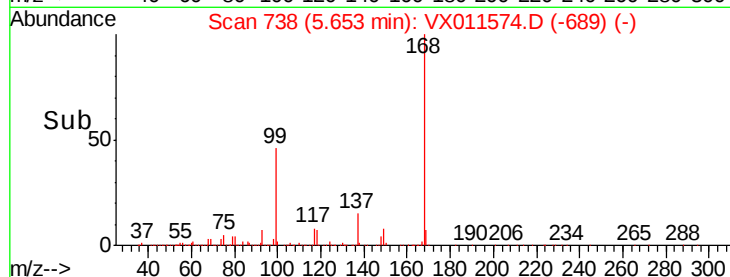
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50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 19.931 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011574.D

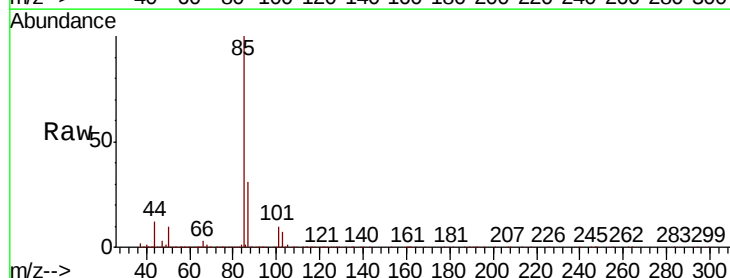
Acq: 16 Aug 2019 12:29

Tgt Ion: 85 Resp: 72779

Ion Ratio Lower Upper

85 100

87 30.9 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

60000

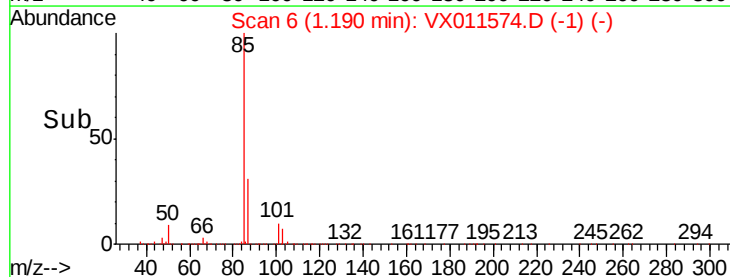
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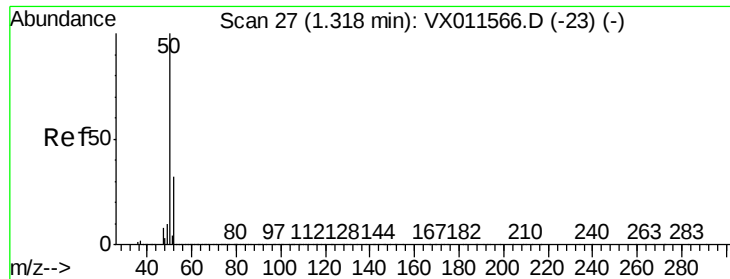
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Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 16.125 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011574.D

Acq: 16 Aug 2019 12:29

Instrument :

MSVOA_X

ClientSampleId :

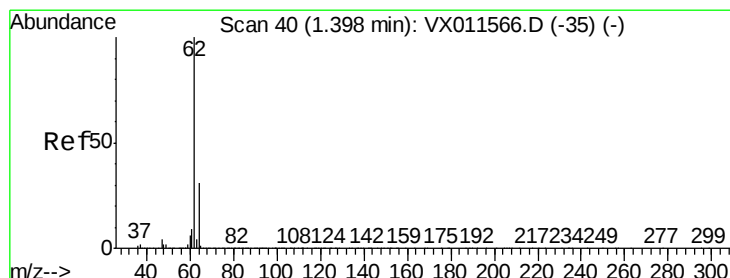
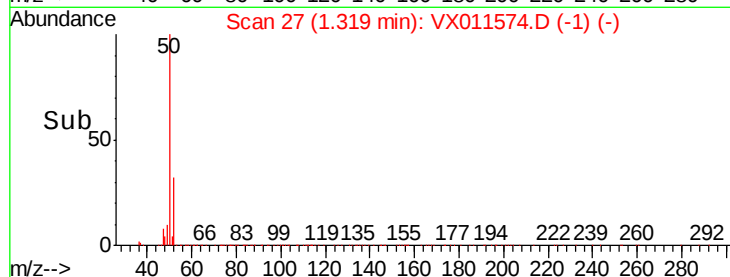
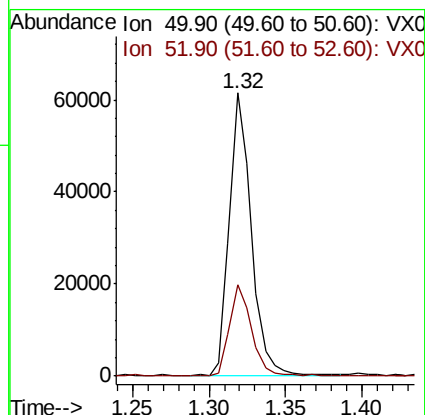
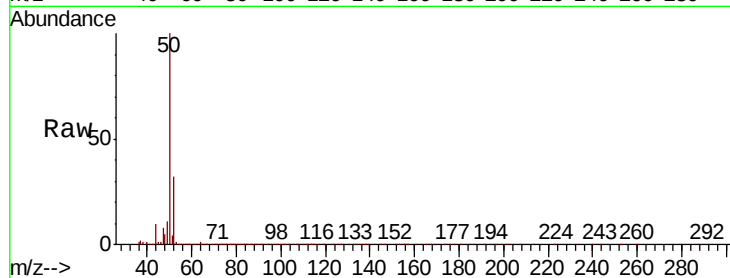
VX0816WBS01

Tgt Ion: 50 Resp: 61157

Ion Ratio Lower Upper

50 100

52 32.0 26.0 39.0



#4

Vinyl Chloride

Concen: 17.335 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011574.D

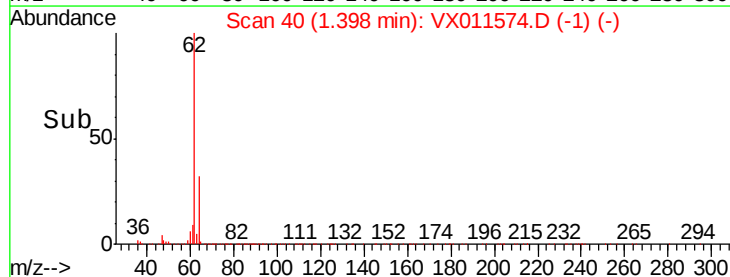
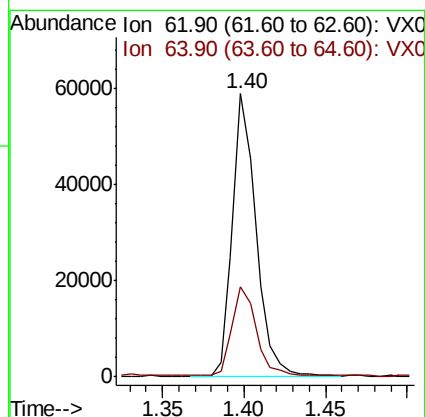
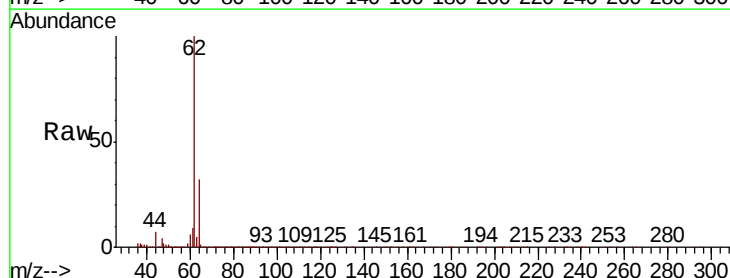
Acq: 16 Aug 2019 12:29

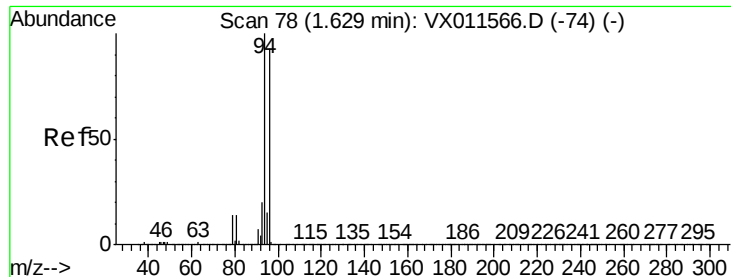
Tgt Ion: 62 Resp: 59389

Ion Ratio Lower Upper

62 100

64 31.5 25.0 37.4





#5

Bromomethane

Concen: 22.338 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011574.D

Acq: 16 Aug 2019 12:29

Instrument :

MSVOA_X

ClientSampleId :

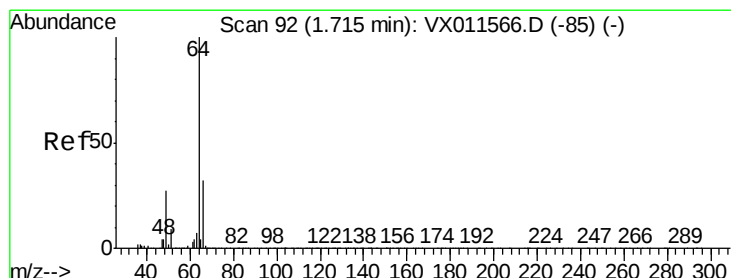
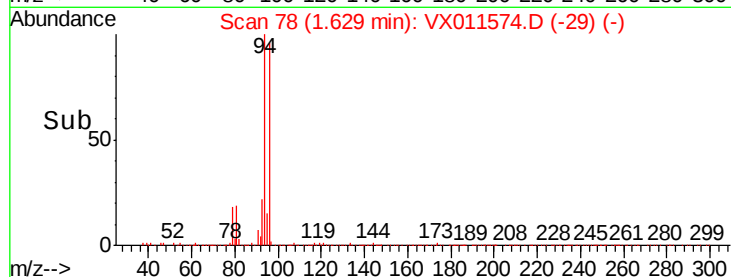
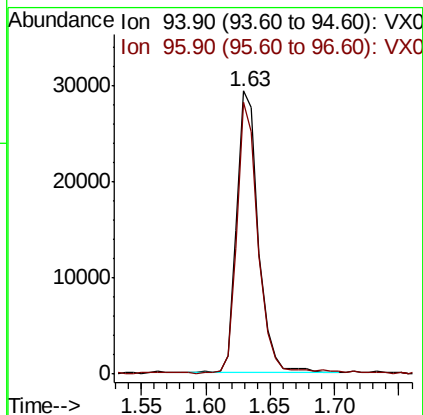
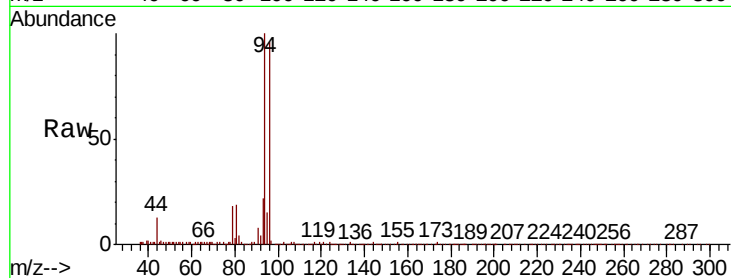
VX0816WBS01

Tgt Ion: 94 Resp: 34291

Ion Ratio Lower Upper

94 100

96 96.1 74.8 112.2



#6

Chloroethane

Concen: 17.805 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011574.D

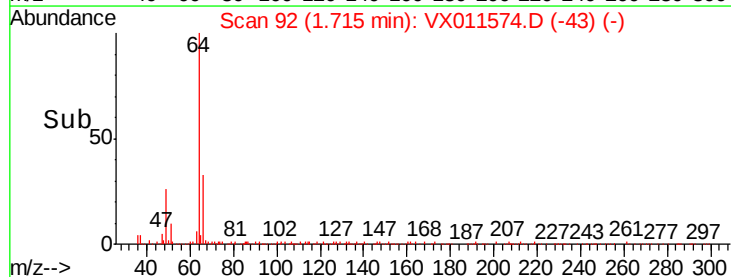
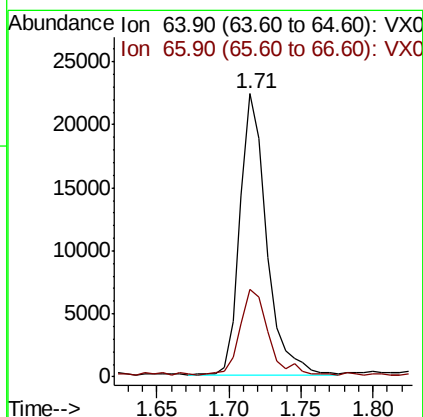
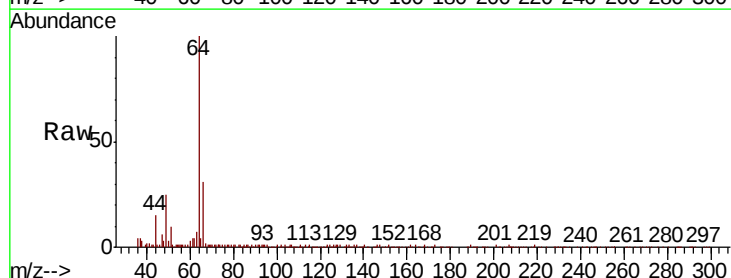
Acq: 16 Aug 2019 12:29

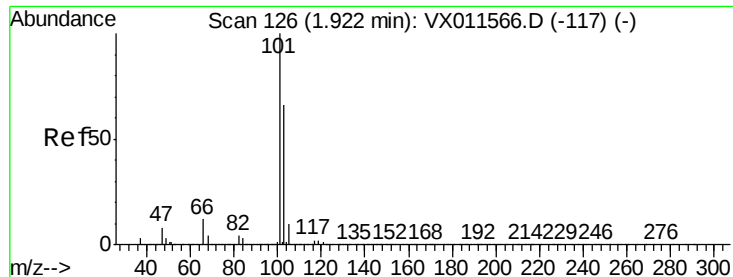
Tgt Ion: 64 Resp: 28871

Ion Ratio Lower Upper

64 100

66 30.2 25.3 37.9



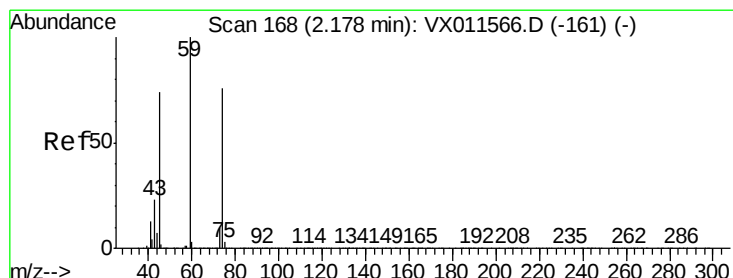
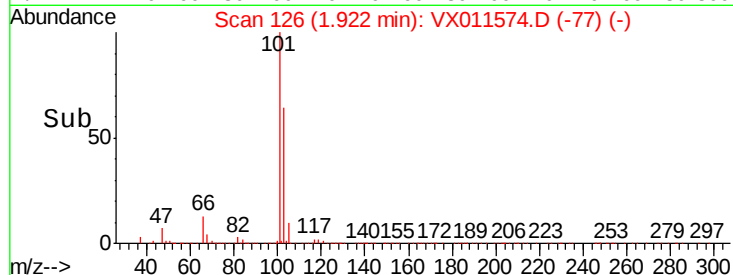
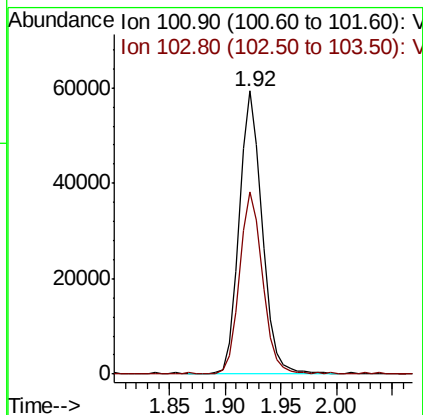
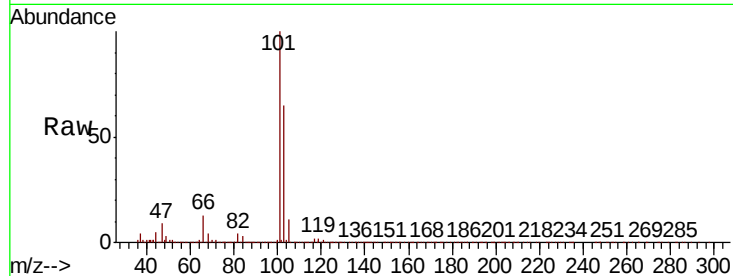


#7

Trichlorofluoromethane
Concen: 17.798 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX011574.D
Acq: 16 Aug 2019 12:29

Instrument :
MSVOA_X
ClientSampleId :
VX0816WBS01

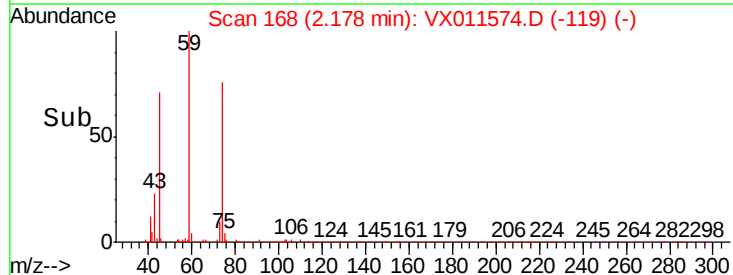
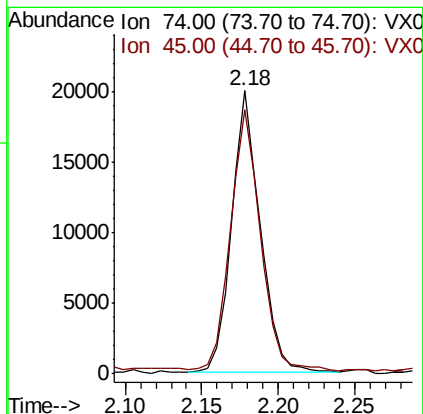
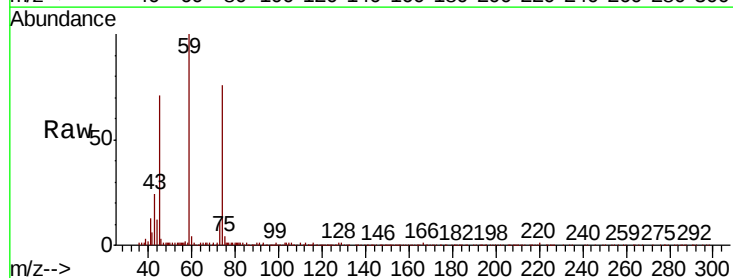
Tgt Ion:101 Resp: 84460
Ion Ratio Lower Upper
101 100
103 64.4 52.9 79.3

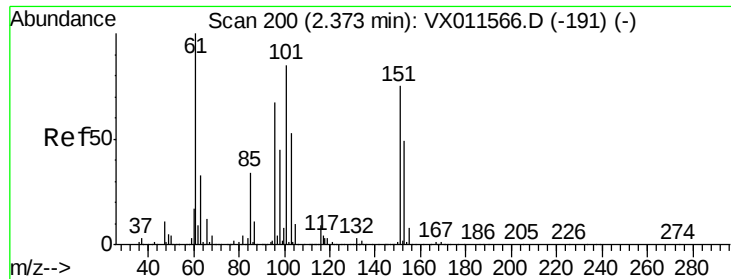


#8

Diethyl Ether
Concen: 15.948 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011574.D
Acq: 16 Aug 2019 12:29

Tgt Ion: 74 Resp: 25960
Ion Ratio Lower Upper
74 100
45 96.9 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.323 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011574.D

Acq: 16 Aug 2019 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0816WBS01

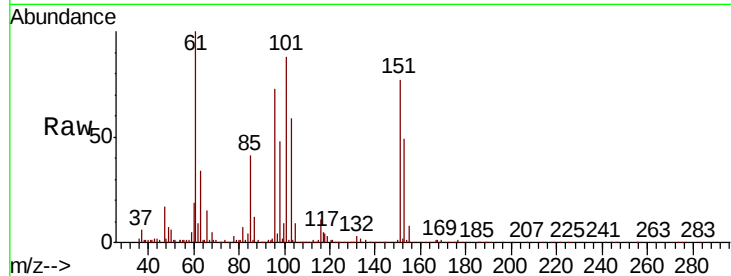
Tgt Ion:101 Resp: 50223

Ion Ratio Lower Upper

101 100

85 43.8 33.0 49.4

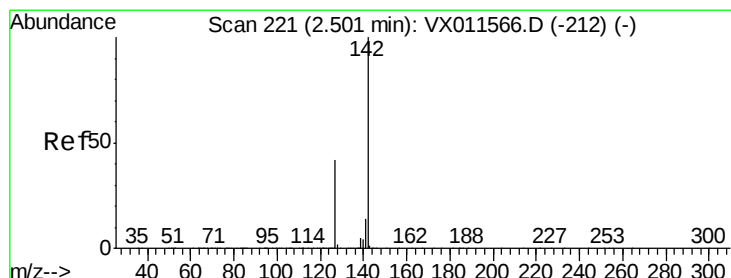
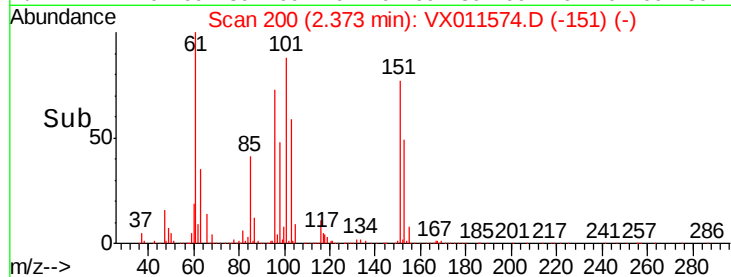
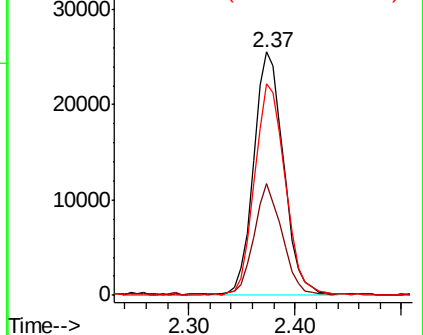
151 90.2 73.3 109.9



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: 16.091 ug/l

RT: 2.50 min Scan# 221

Delta R.T. 0.00 min

Lab File: VX011574.D

Acq: 16 Aug 2019 12:29

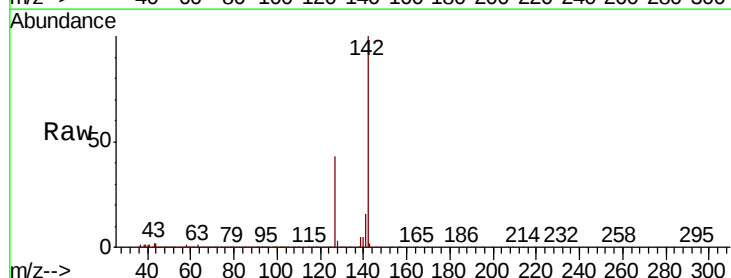
Tgt Ion:142 Resp: 75133

Ion Ratio Lower Upper

142 100

127 42.8 32.8 49.2

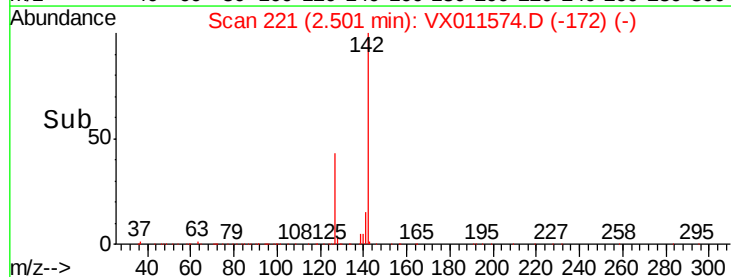
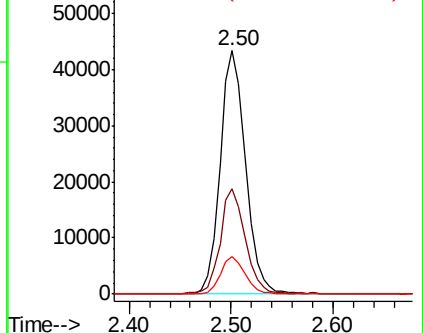
141 15.2 11.4 17.2

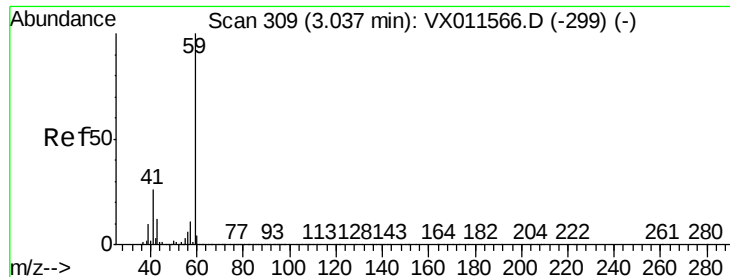


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



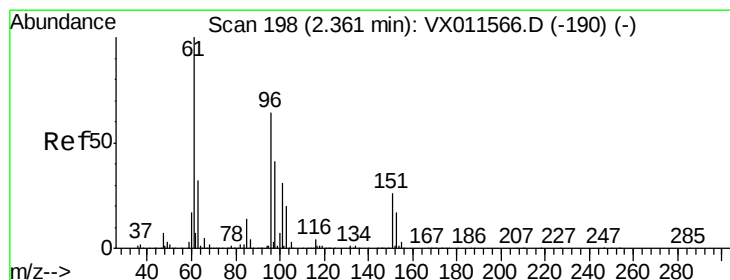
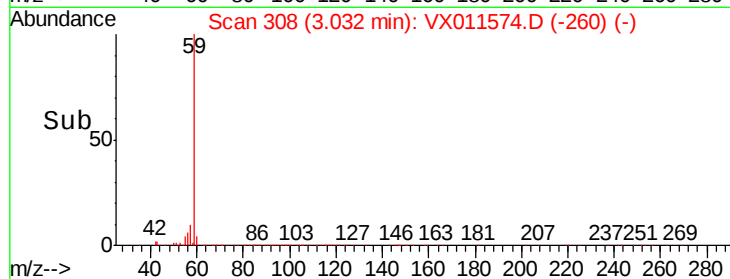
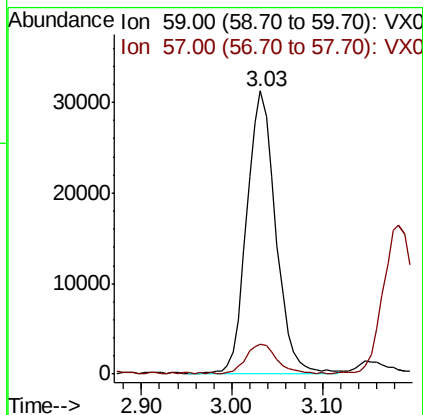
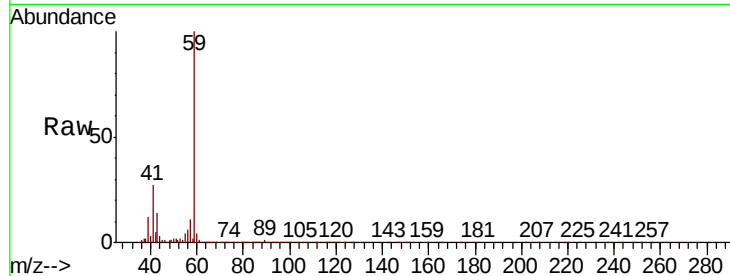


#11

Tert butyl alcohol
Concen: 81.626 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.01 min
Lab File: VX011574.D
Acq: 16 Aug 2019 12:29

Instrument :
MSVOA_X
ClientSampleId :
VX0816WBS01

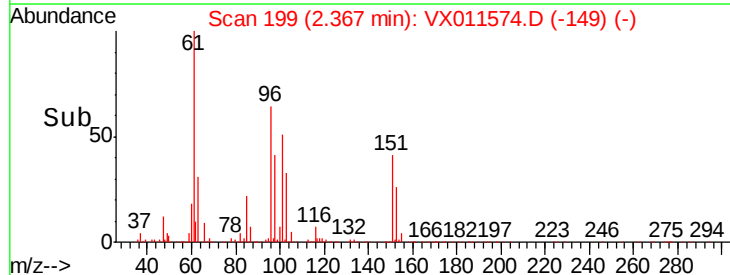
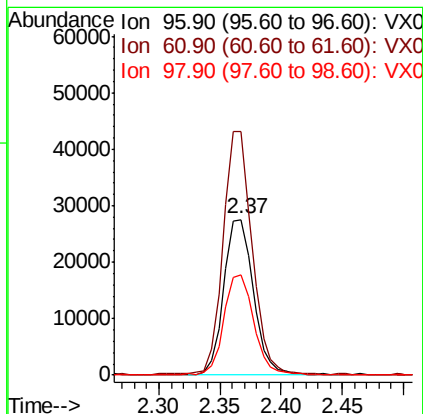
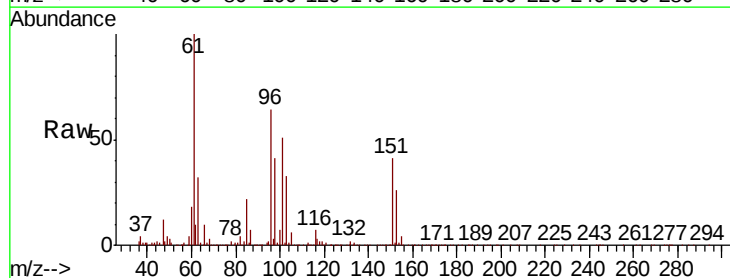
Tgt Ion: 59 Resp: 68989
Ion Ratio Lower Upper
59 100
57 10.6 8.7 13.1

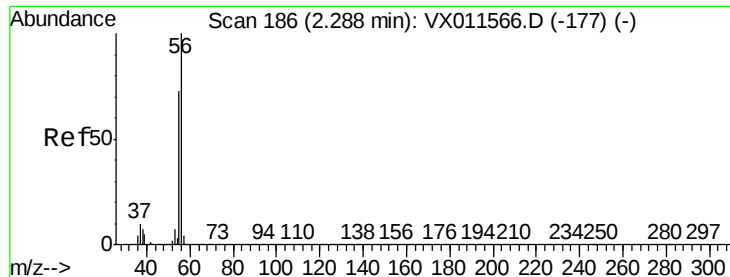


#12

1,1-Dichloroethene
Concen: 14.510 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.01 min
Lab File: VX011574.D
Acq: 16 Aug 2019 12:29

Tgt Ion: 96 Resp: 45961
Ion Ratio Lower Upper
96 100
61 156.1 125.0 187.4
98 63.9 51.5 77.3





#13

Acrolein

Concen: 88.334 ug/l

RT: 2.28 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX011574.D

Acq: 16 Aug 2019 12:29

Instrument :

MSVOA_X

ClientSampleId :

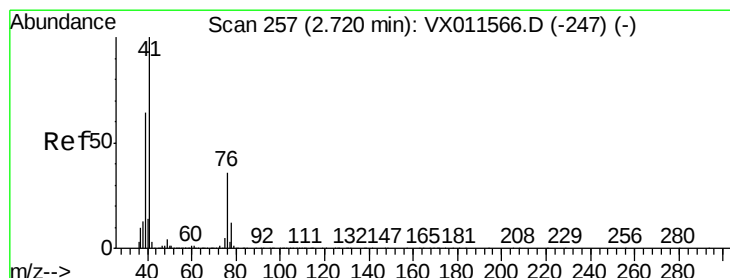
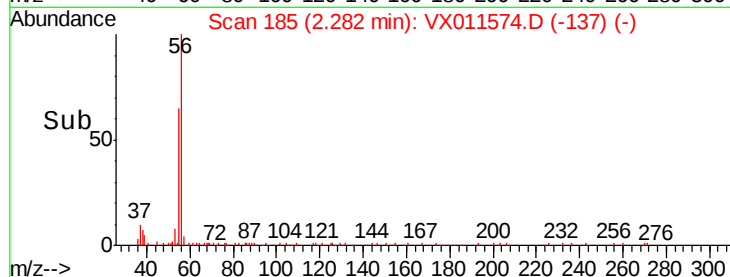
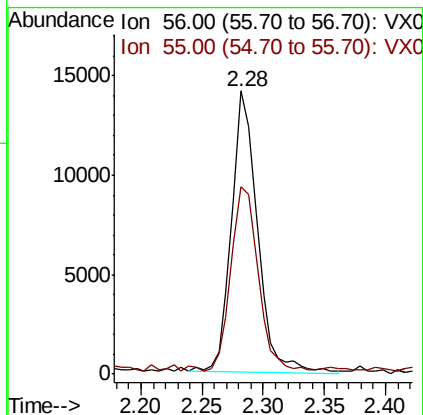
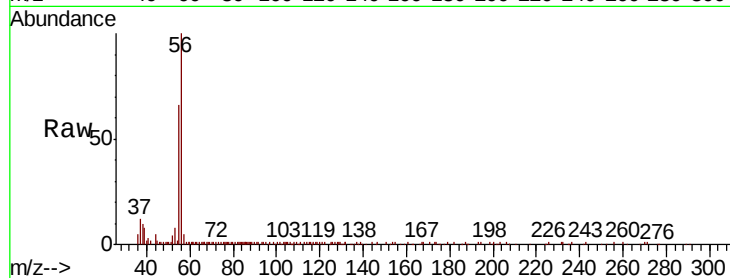
VX0816WBS01

Tgt Ion: 56 Resp: 20818

Ion Ratio Lower Upper

56 100

55 68.1 55.5 83.3



#14

Allyl chloride

Concen: 16.918 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011574.D

Acq: 16 Aug 2019 12:29

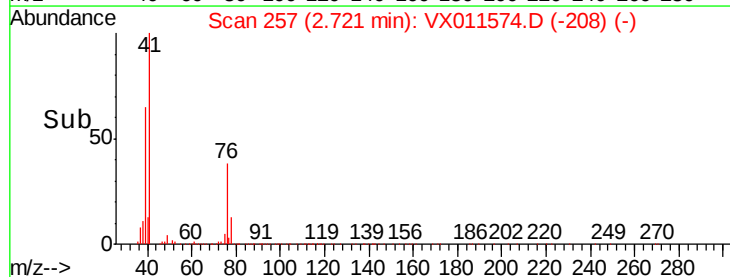
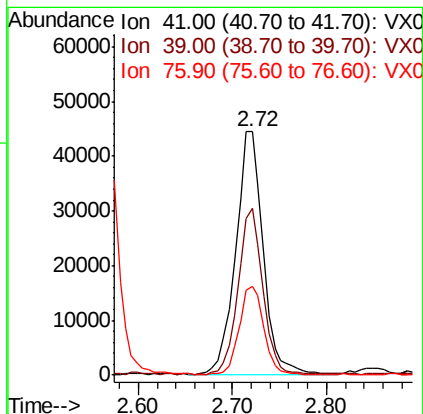
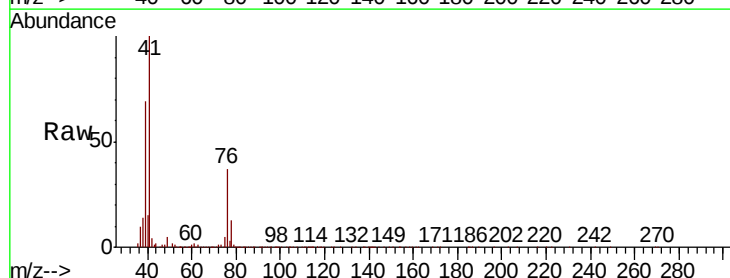
Tgt Ion: 41 Resp: 89144

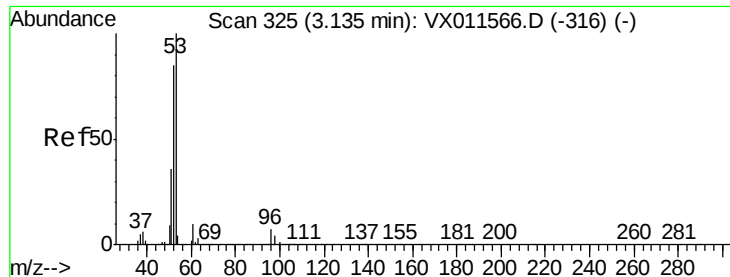
Ion Ratio Lower Upper

41 100

39 63.2 47.5 71.3

76 32.6 26.3 39.5





#15

Acrylonitrile

Concen: 85.351 ug/l

RT: 3.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VX011574.D

Acq: 16 Aug 2019 12:29

Instrument :

MSVOA_X

ClientSampled :

VX0816WBS01

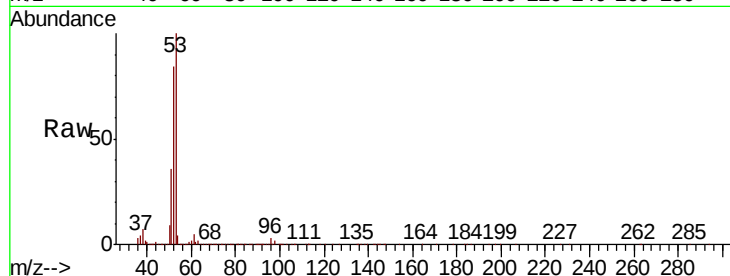
Tgt Ion: 53 Resp: 165099

Ion Ratio Lower Upper

53 100

52 83.8 66.7 100.1

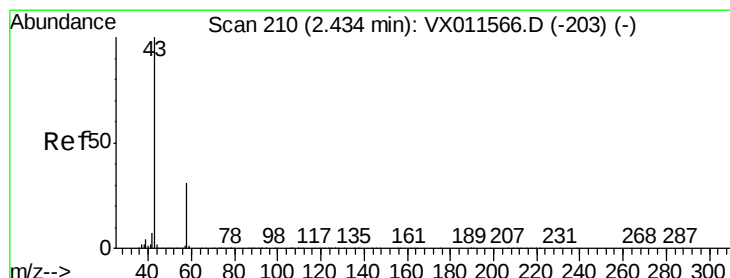
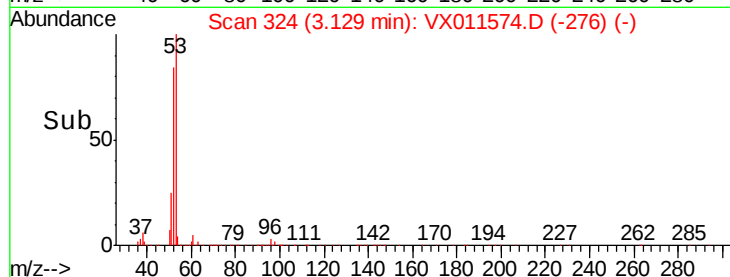
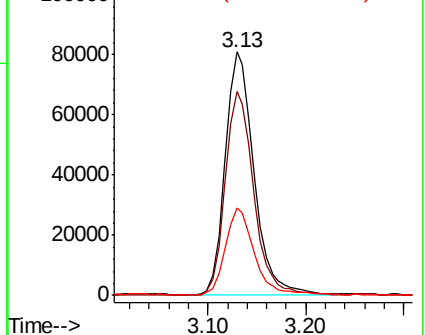
51 36.6 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 82.806 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011574.D

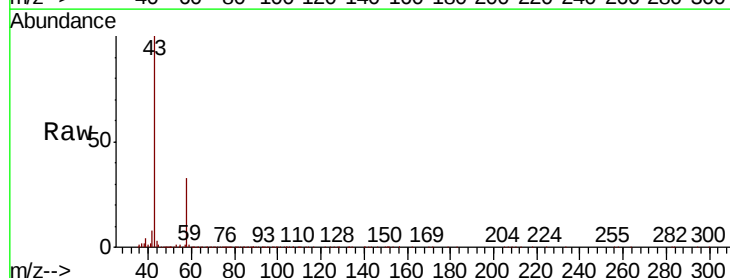
Acq: 16 Aug 2019 12:29

Tgt Ion: 43 Resp: 143441

Ion Ratio Lower Upper

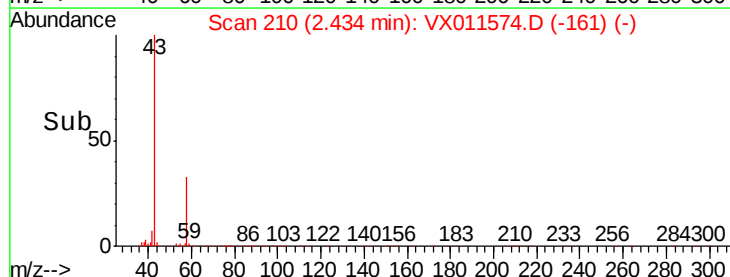
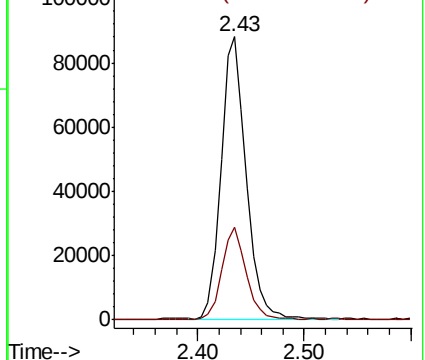
43 100

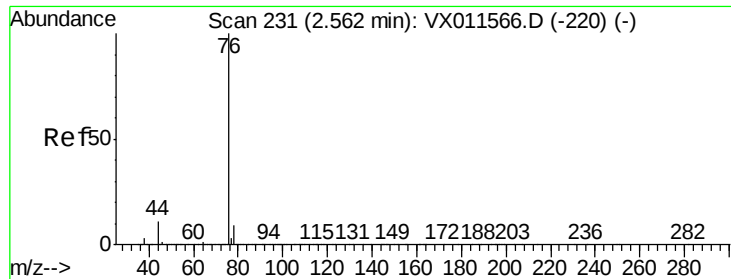
58 32.8 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

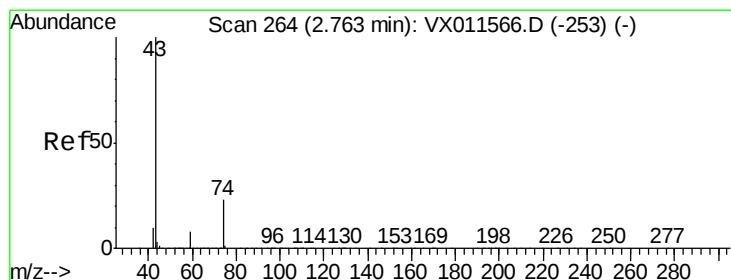
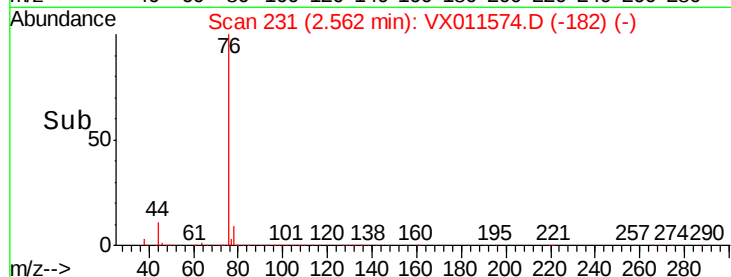
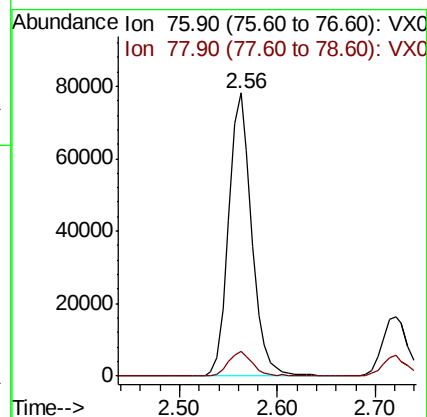
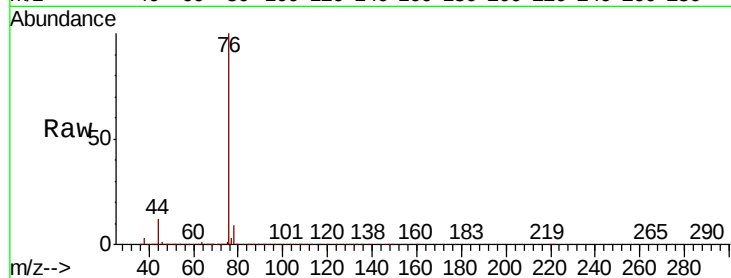




#17
Carbon Disulfide
Concen: 17.079 ug/l
RT: 2.56 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX011574.D
Acq: 16 Aug 2019 12:29

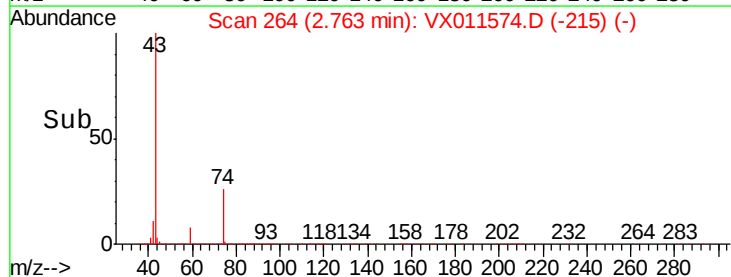
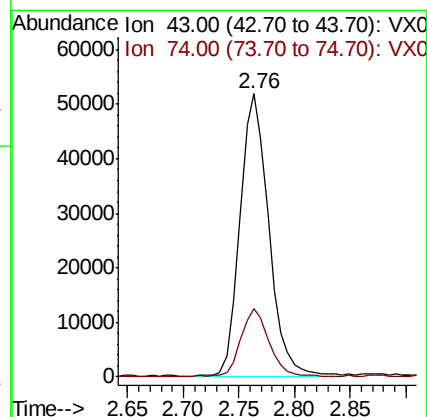
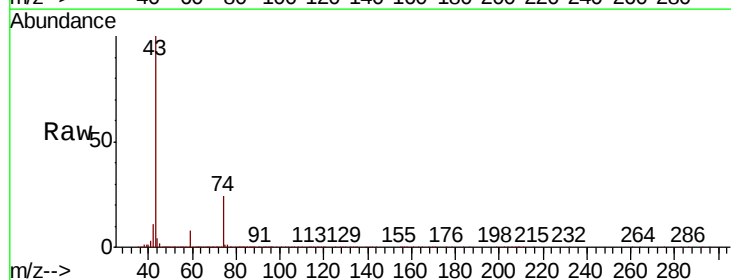
Instrument :
MSVOA_X
ClientSampleId :
VX0816WBS01

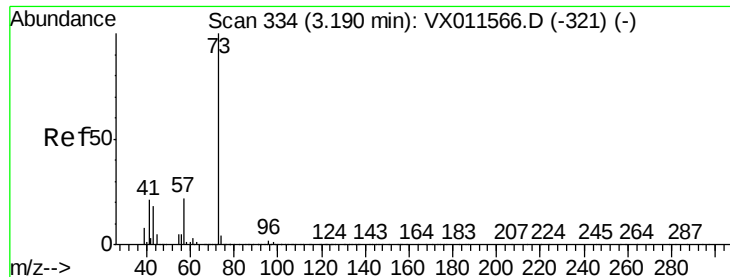
Tgt Ion: 76 Resp: 127474
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8



#18
Methyl Acetate
Concen: 17.185 ug/l
RT: 2.76 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX011574.D
Acq: 16 Aug 2019 12:29

Tgt Ion: 43 Resp: 92324
Ion Ratio Lower Upper
43 100
74 23.7 19.7 29.5



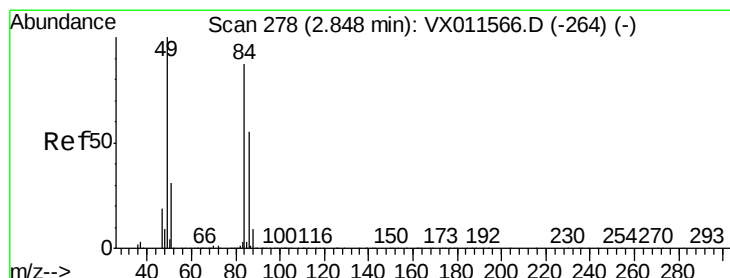
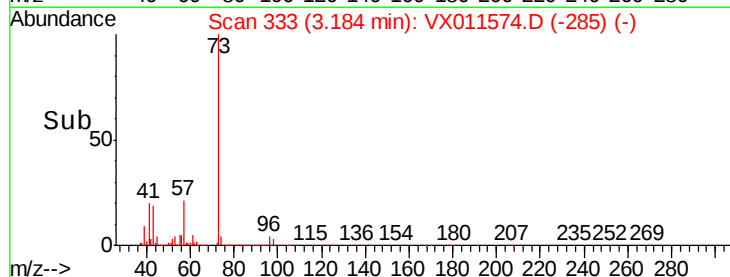
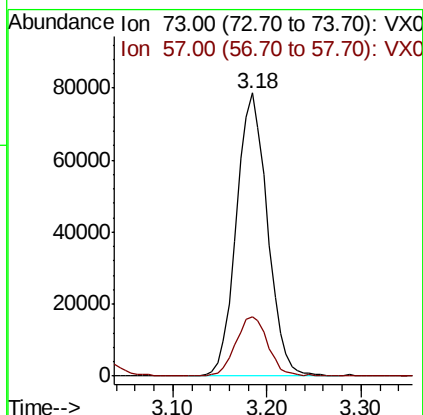
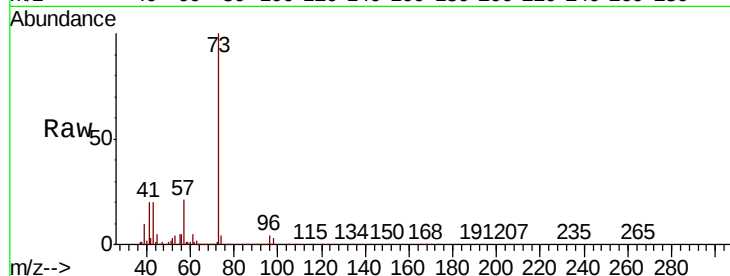


#19

Methyl tert-butyl Ether
 Concen: 17.366 ug/l
 RT: 3.18 min Scan# 333
 Delta R.T. -0.01 min
 Lab File: VX011574.D
 Acq: 16 Aug 2019 12:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0816WBS01

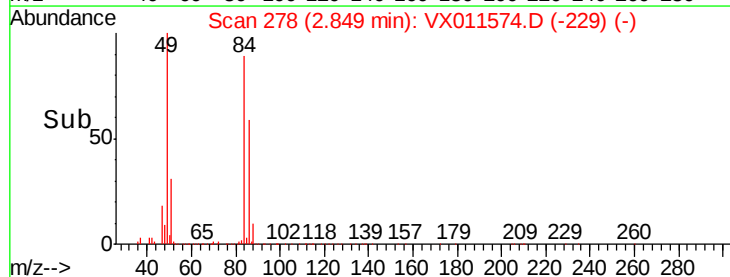
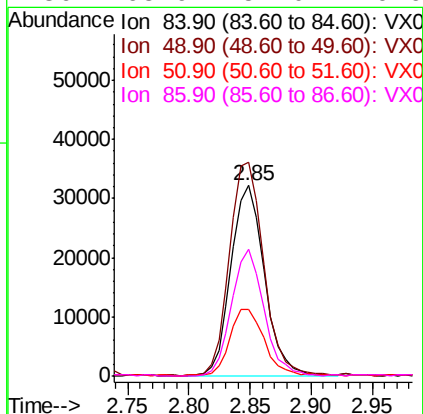
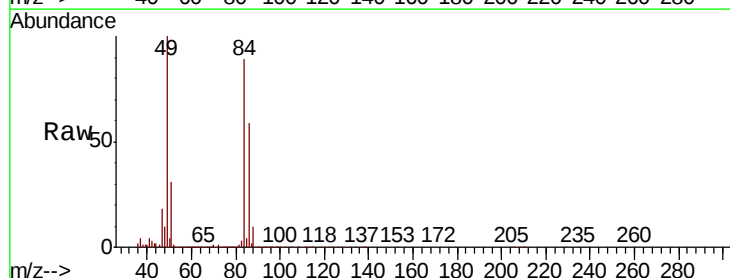
Tgt Ion: 73 Resp: 179156
 Ion Ratio Lower Upper
 73 100
 57 20.9 17.2 25.8

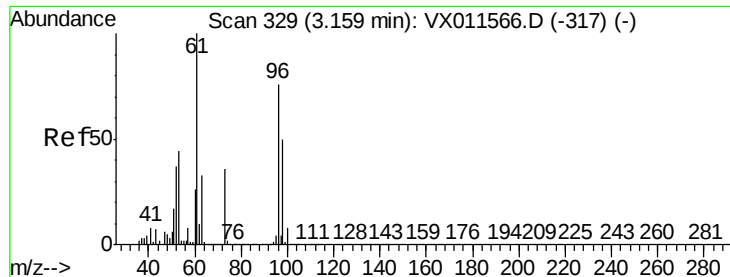


#20

Methylene Chloride
 Concen: 16.886 ug/l
 RT: 2.85 min Scan# 278
 Delta R.T. 0.00 min
 Lab File: VX011574.D
 Acq: 16 Aug 2019 12:29

Tgt Ion: 84 Resp: 61416
 Ion Ratio Lower Upper
 84 100
 49 111.7 92.4 138.6
 51 34.8 28.5 42.7
 86 65.9 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 17.244 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX011574.D

Acq: 16 Aug 2019 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0816WBS01

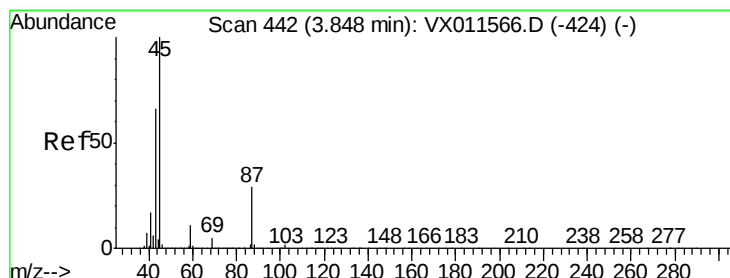
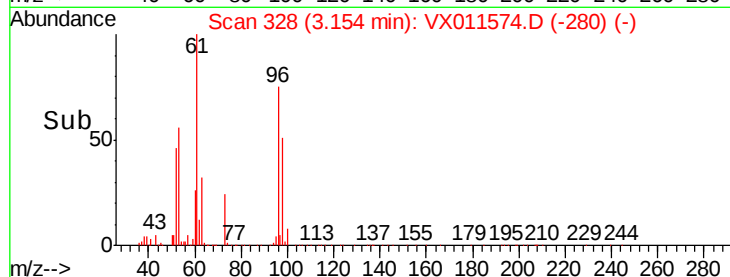
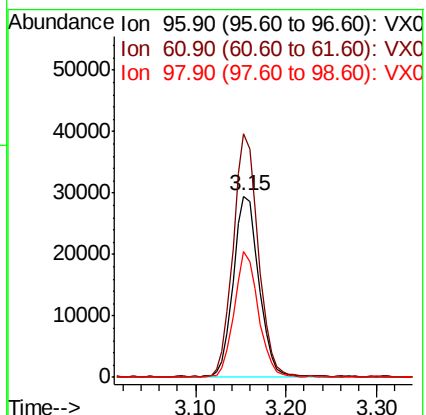
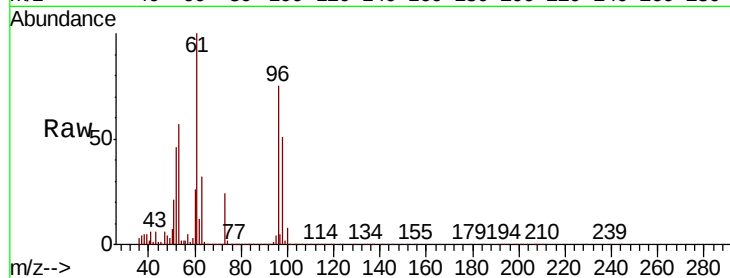
Tgt Ion: 96 Resp: 57882

Ion Ratio Lower Upper

96 100

61 134.2 105.5 158.3

98 69.2 52.6 78.8



#22

Diisopropyl ether

Concen: 17.563 ug/l

RT: 3.84 min Scan# 441

Delta R.T. -0.01 min

Lab File: VX011574.D

Acq: 16 Aug 2019 12:29

Tgt Ion: 45 Resp: 184298

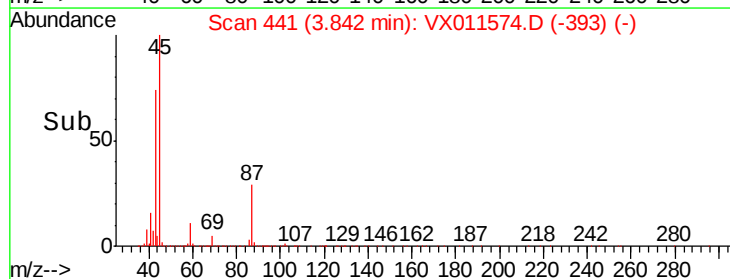
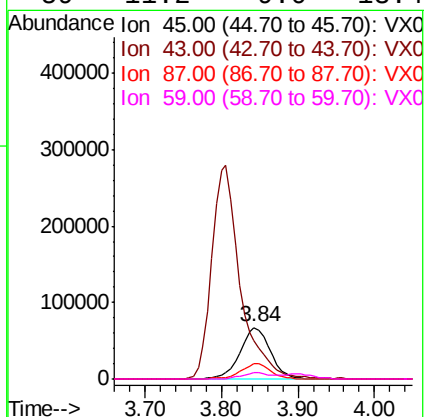
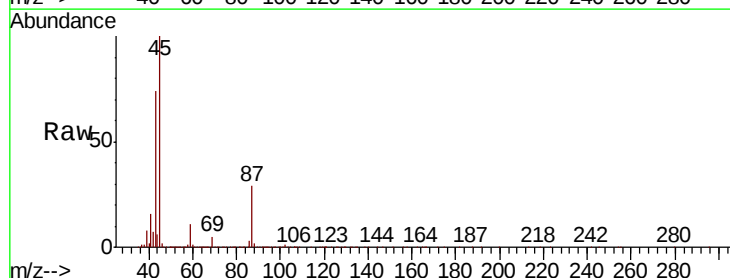
Ion Ratio Lower Upper

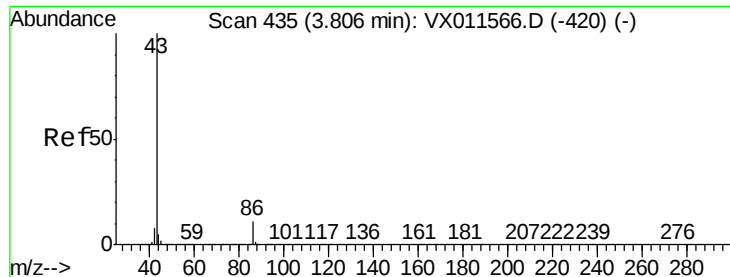
45 100

43 72.8 52.7 79.1

87 29.1 23.5 35.3

59 11.2 9.0 13.4





#23

Vinyl Acetate

Concen: 86.961 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011574.D

Acq: 16 Aug 2019 12:29

Instrument :

MSVOA_X

ClientSampleId :

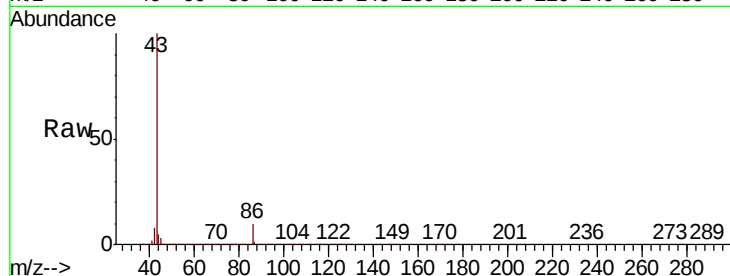
VX0816WBS01

Tgt Ion: 43 Resp: 722604

Ion Ratio Lower Upper

43 100

86 10.3 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

300000

250000

200000

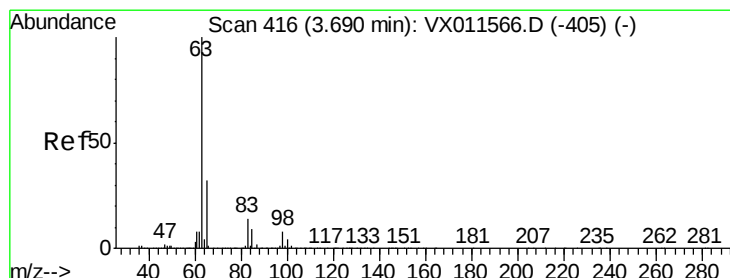
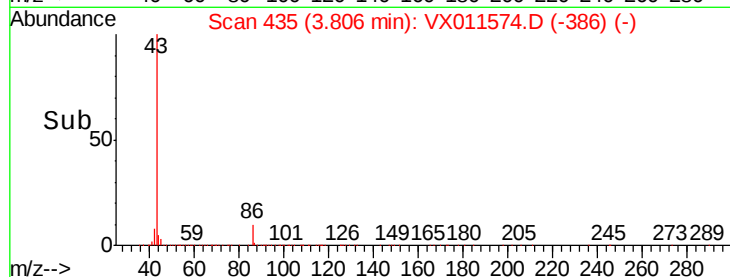
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 16.879 ug/l

RT: 3.68 min Scan# 415

Delta R.T. -0.01 min

Lab File: VX011574.D

Acq: 16 Aug 2019 12:29

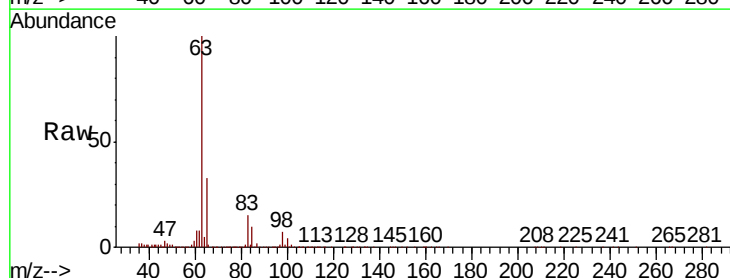
Tgt Ion: 63 Resp: 100140

Ion Ratio Lower Upper

63 100

98 7.0 3.7 11.1

100 3.9 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

60000

50000

40000

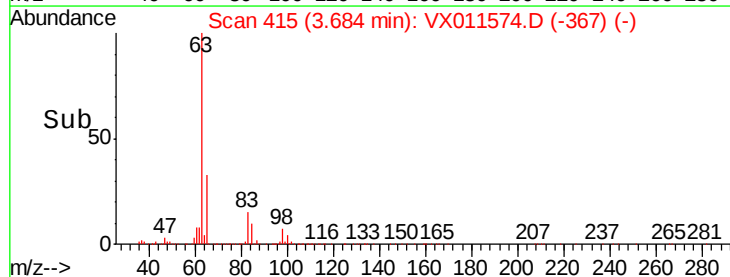
30000

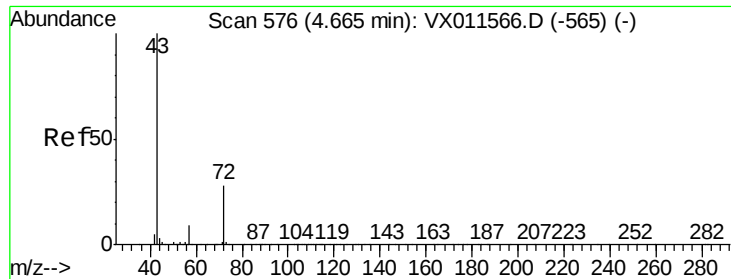
20000

10000

0

Time-->





#25

2-Butanone

Concen: 84.147 ug/l

RT: 4.66 min Scan# 575

Delta R.T. -0.01 min

Lab File: VX011574.D

Acq: 16 Aug 2019 12:29

Instrument :

MSVOA_X

ClientSampleId :

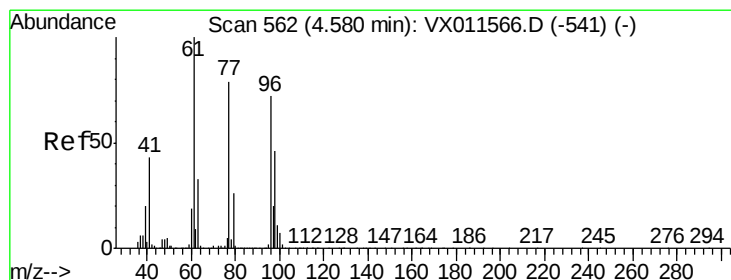
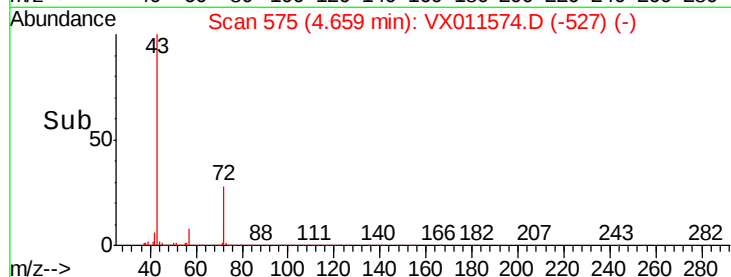
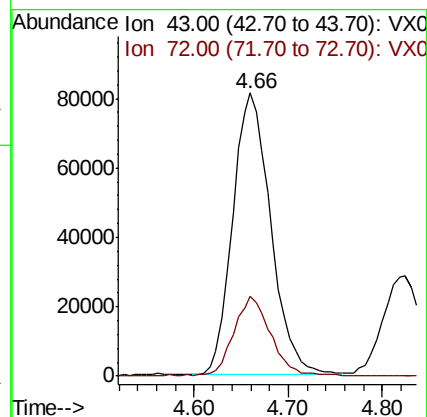
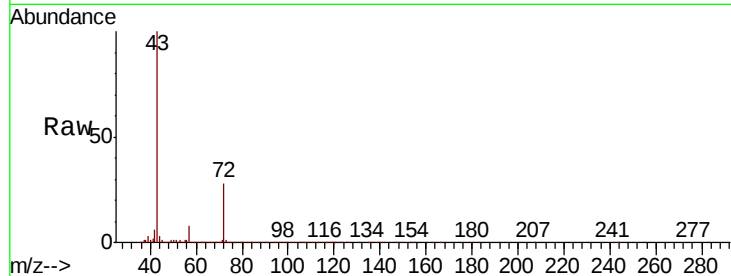
VX0816WBS01

Tgt Ion: 43 Resp: 228836

Ion Ratio Lower Upper

43 100

72 27.9 22.2 33.4



#26

2,2-Dichloropropane

Concen: 17.680 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX011574.D

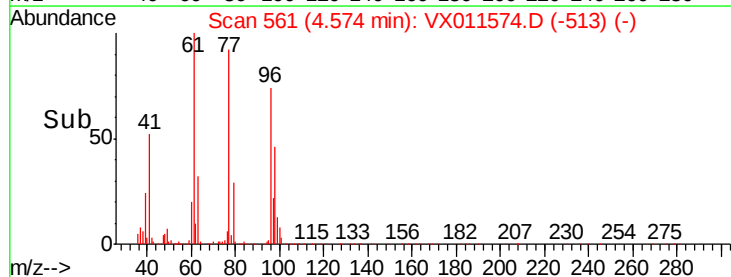
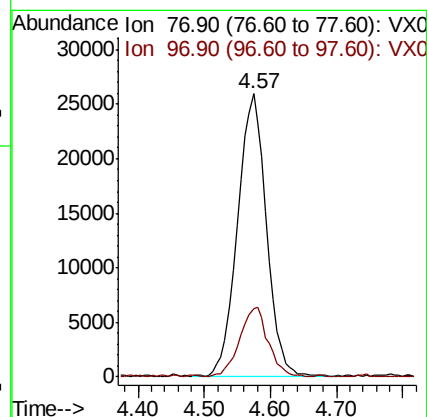
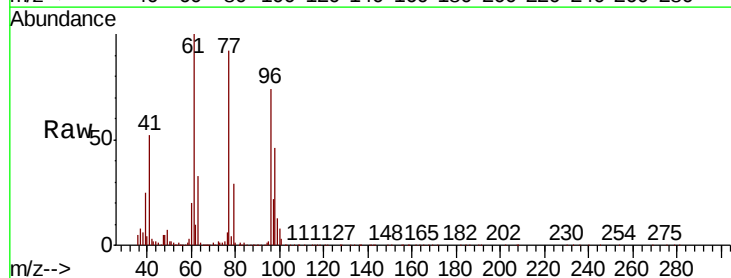
Acq: 16 Aug 2019 12:29

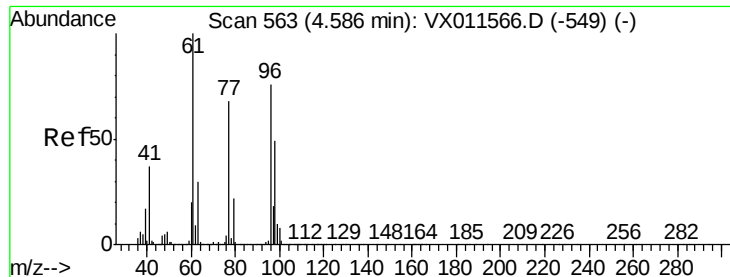
Tgt Ion: 77 Resp: 78947

Ion Ratio Lower Upper

77 100

97 24.0 12.4 37.2



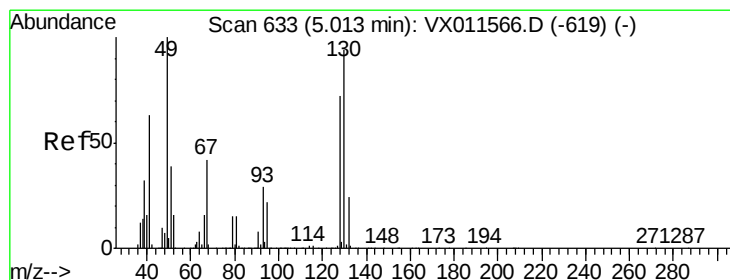
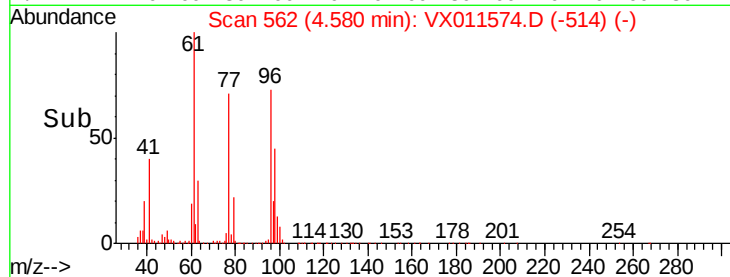
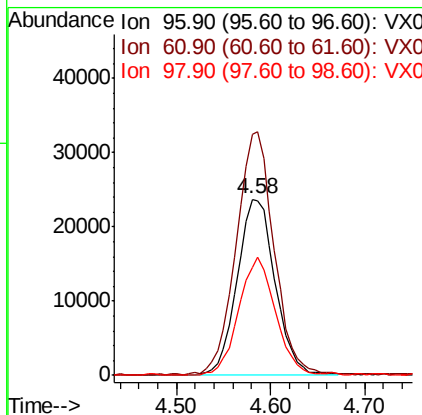
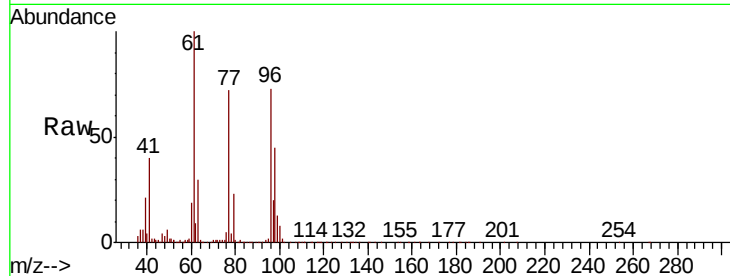


#27

cis-1,2-Dichloroethene
 Concen: 16.968 ug/l
 RT: 4.58 min Scan# 562
 Delta R.T. -0.01 min
 Lab File: VX011574.D
 Acq: 16 Aug 2019 12:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0816WBS01

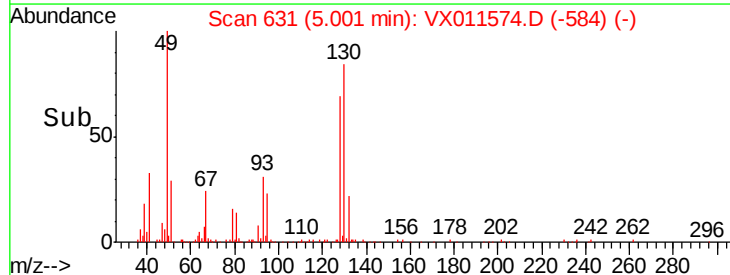
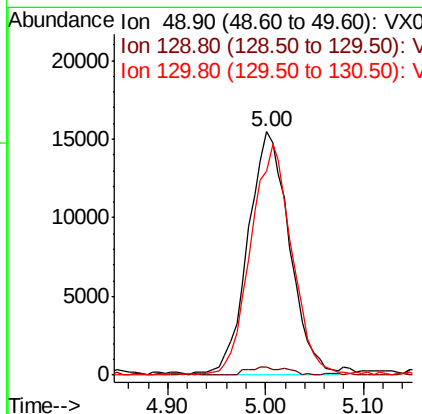
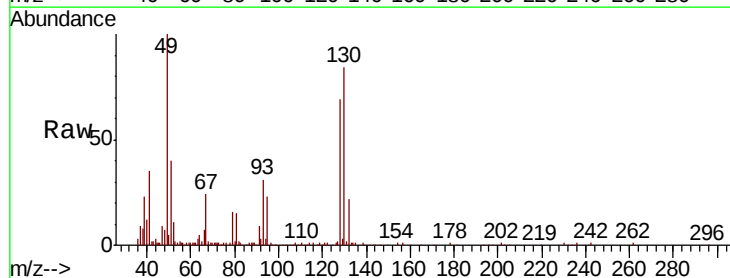
Tgt Ion: 96 Resp: 66398
 Ion Ratio Lower Upper
 96 100
 61 137.8 0.0 272.6
 98 64.8 0.0 129.4

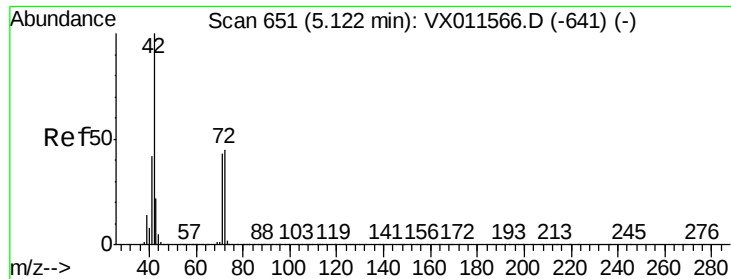


#28

Bromochloromethane
 Concen: 17.622 ug/l
 RT: 5.00 min Scan# 631
 Delta R.T. -0.01 min
 Lab File: VX011574.D
 Acq: 16 Aug 2019 12:29

Tgt Ion: 49 Resp: 45897
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 5.0
 130 94.2 76.6 115.0

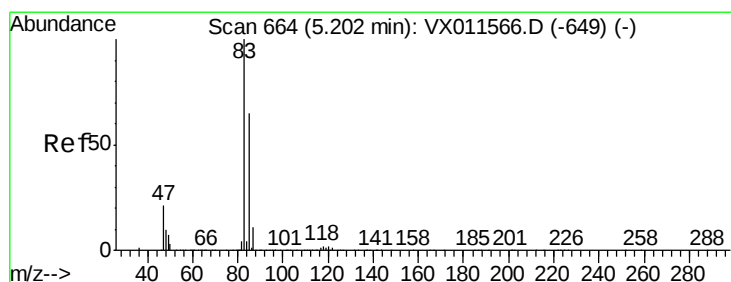
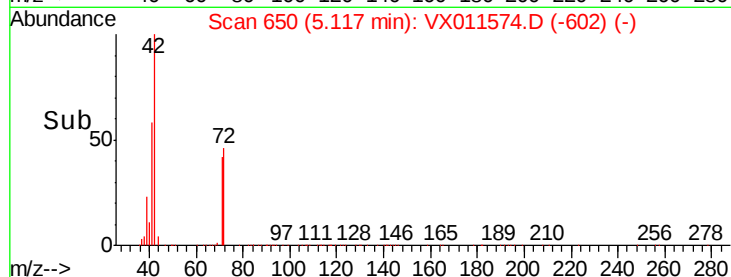
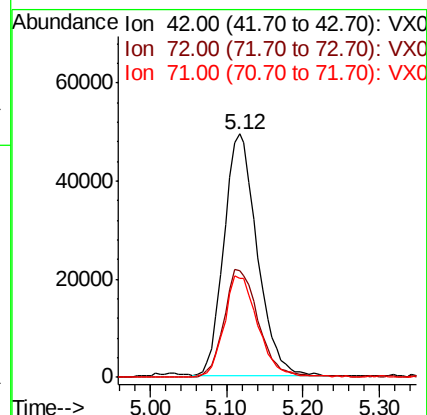
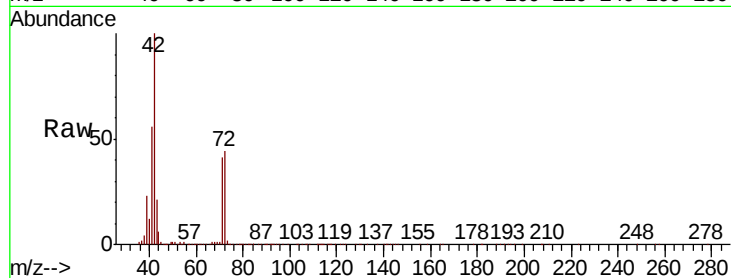




#29
Tetrahydrofuran
Concen: 83.314 ug/l
RT: 5.12 min Scan# 650
Delta R.T. -0.01 min
Lab File: VX011574.D
Acq: 16 Aug 2019 12:29

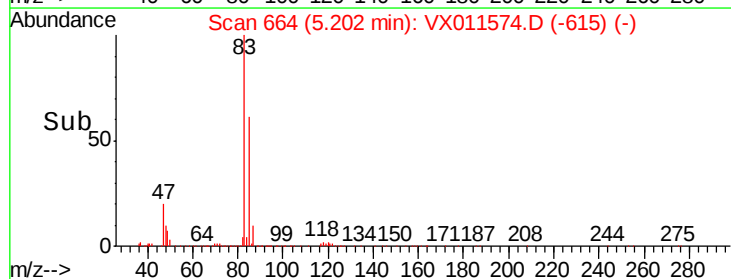
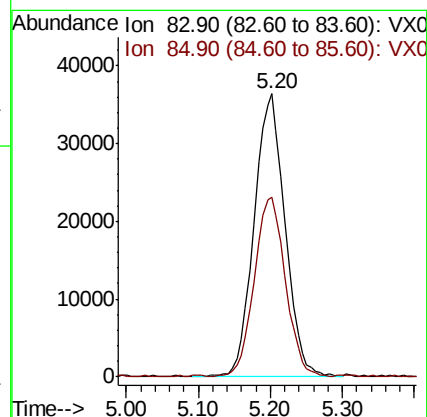
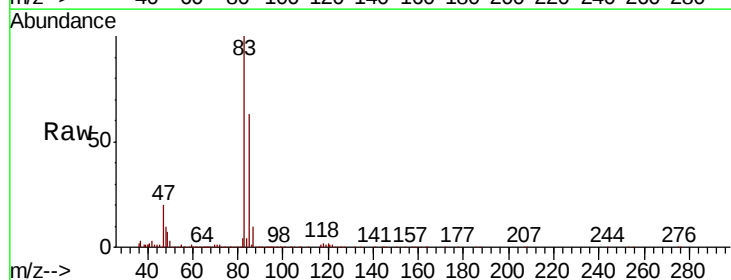
Instrument :
MSVOA_X
ClientSampleId :
VX0816WBS01

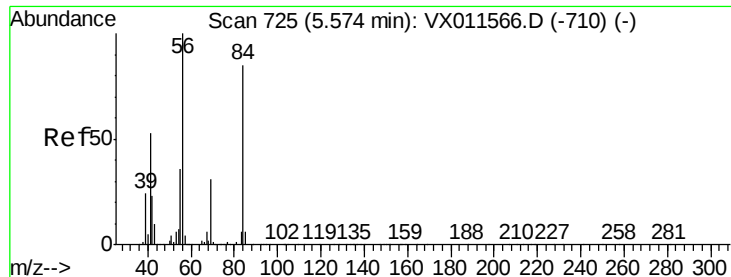
Tgt Ion: 42 Resp: 148625
Ion Ratio Lower Upper
42 100
72 45.7 36.1 54.1
71 42.8 33.8 50.8



#30
Chloroform
Concen: 17.364 ug/l
RT: 5.20 min Scan# 664
Delta R.T. 0.00 min
Lab File: VX011574.D
Acq: 16 Aug 2019 12:29

Tgt Ion: 83 Resp: 108722
Ion Ratio Lower Upper
83 100
85 62.8 51.9 77.9

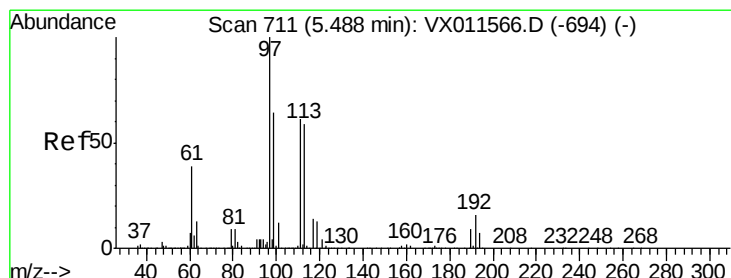
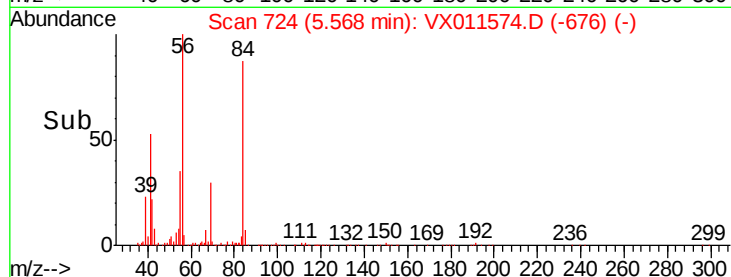
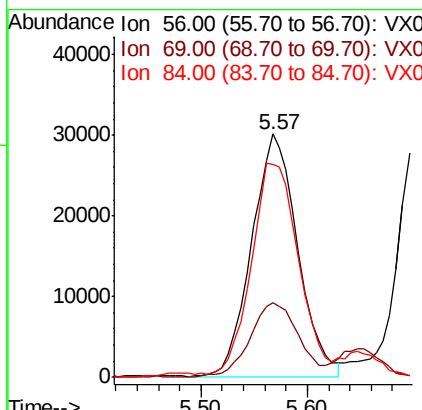
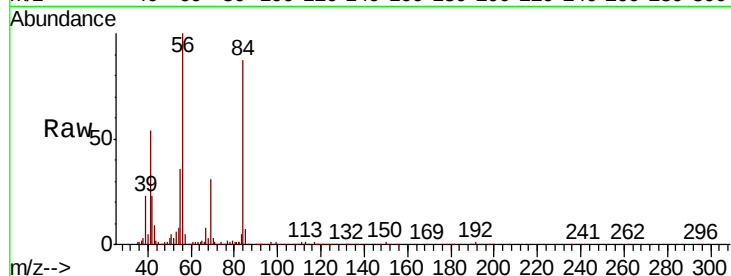




#31
Cyclohexane
Concen: 17.705 ug/l
RT: 5.57 min Scan# 724
Delta R.T. -0.01 min
Lab File: VX011574.D
Acq: 16 Aug 2019 12:29

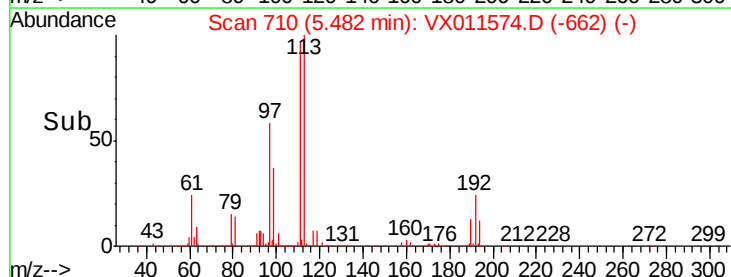
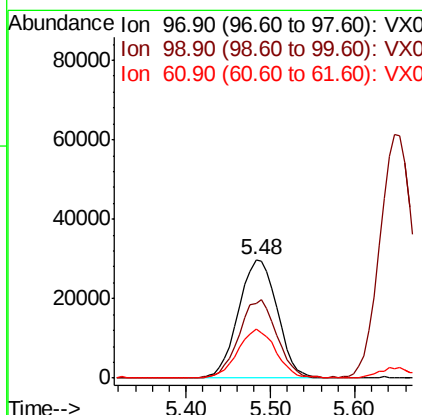
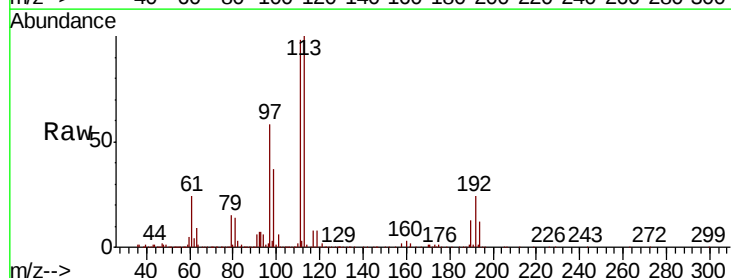
Instrument :
MSVOA_X
ClientSampleId :
VX0816WBS01

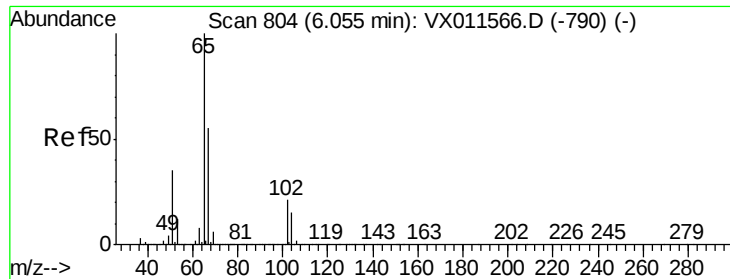
Tgt Ion: 56 Resp: 90439
Ion Ratio Lower Upper
56 100
69 30.7 24.8 37.2
84 85.7 67.9 101.9



#32
1,1,1-Trichloroethane
Concen: 17.225 ug/l
RT: 5.48 min Scan# 710
Delta R.T. -0.01 min
Lab File: VX011574.D
Acq: 16 Aug 2019 12:29

Tgt Ion: 97 Resp: 92738
Ion Ratio Lower Upper
97 100
99 64.8 51.4 77.0
61 40.3 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 46.133 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011574.D

Acq: 16 Aug 2019 12:29

Instrument :

MSVOA_X

ClientSampleId :

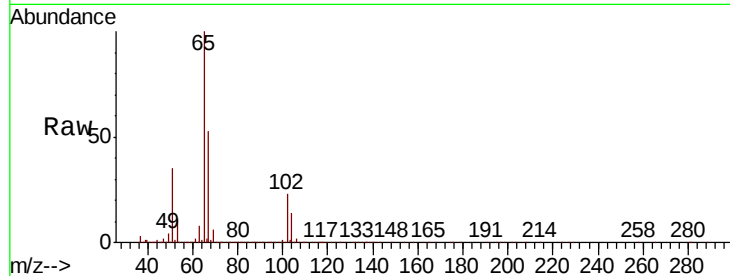
VX0816WBS01

Tgt Ion: 65 Resp: 158931

Ion Ratio Lower Upper

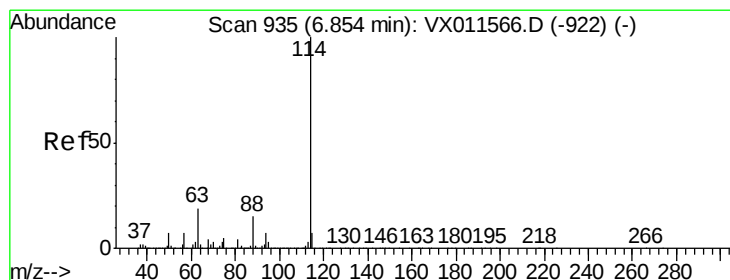
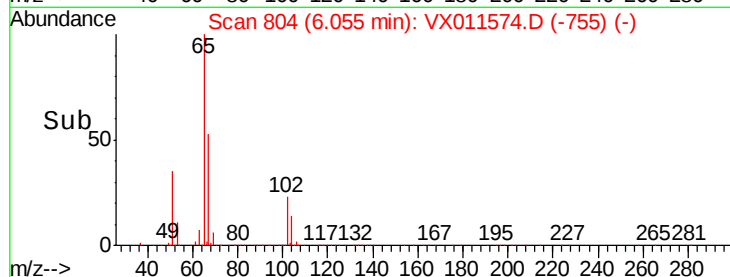
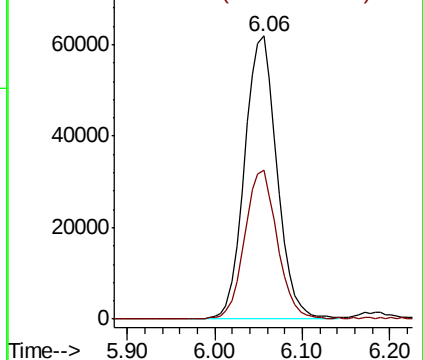
65 100

67 53.2 0.0 107.6



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: 6.85 min Scan# 934

Delta R.T. -0.01 min

Lab File: VX011574.D

Acq: 16 Aug 2019 12:29

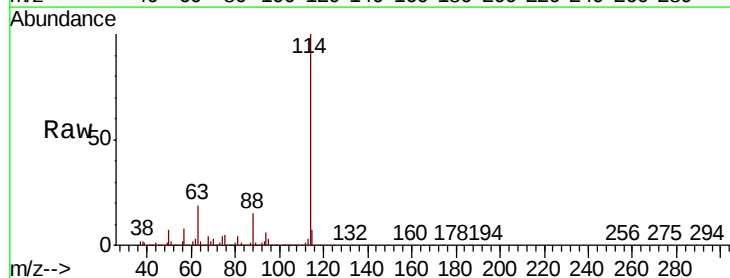
Tgt Ion: 114 Resp: 509487

Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.8

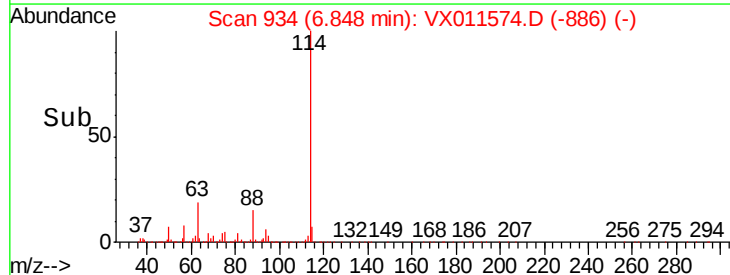
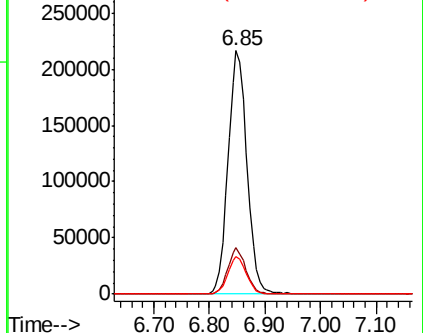
88 15.3 0.0 30.2

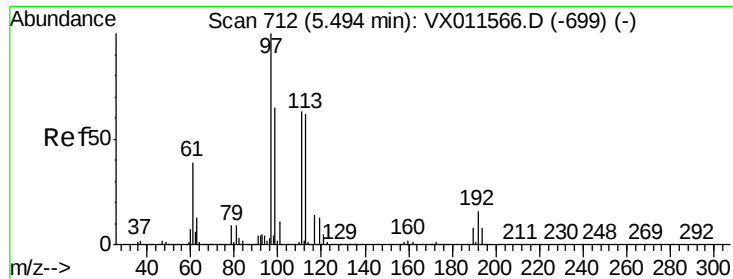


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

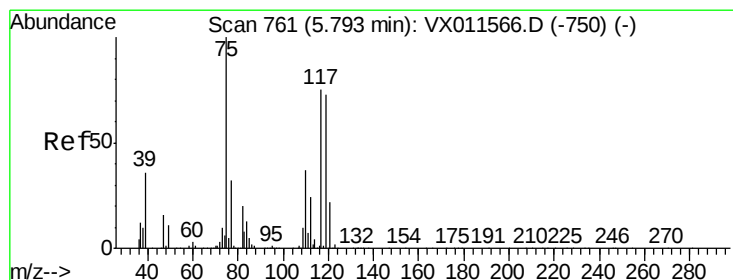
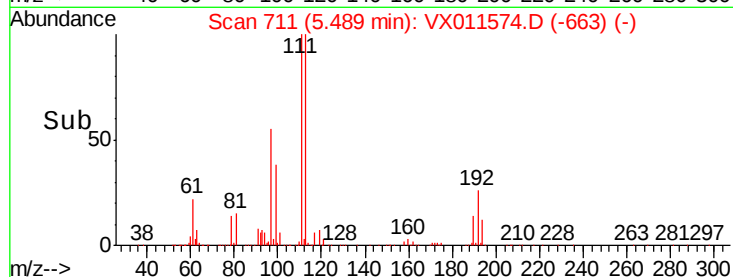
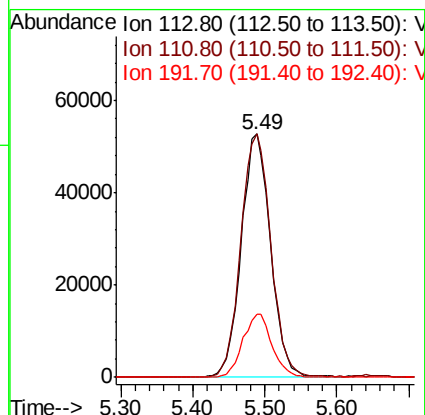
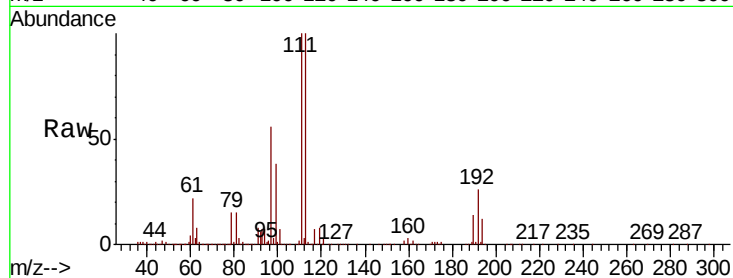




#35
 Dibromofluoromethane
 Concen: 44.761 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VX011574.D
 Acq: 16 Aug 2019 12:29

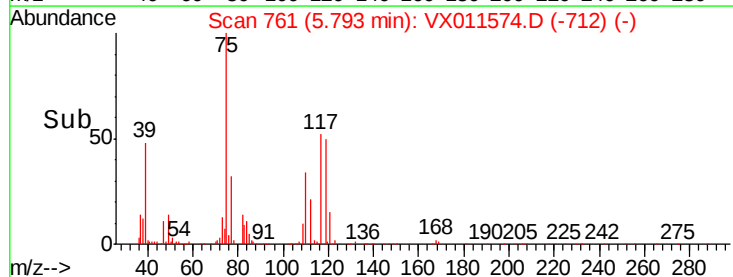
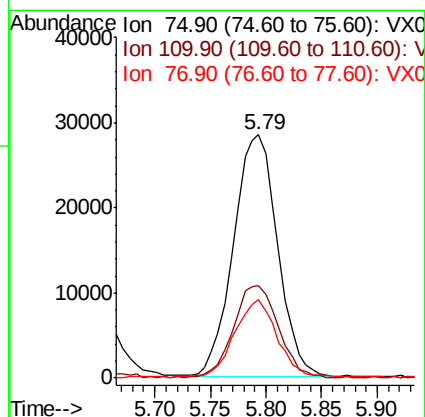
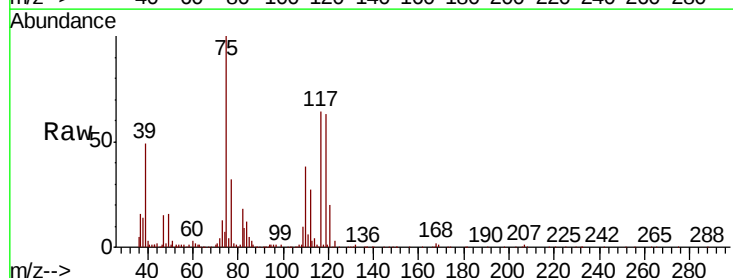
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0816WBS01

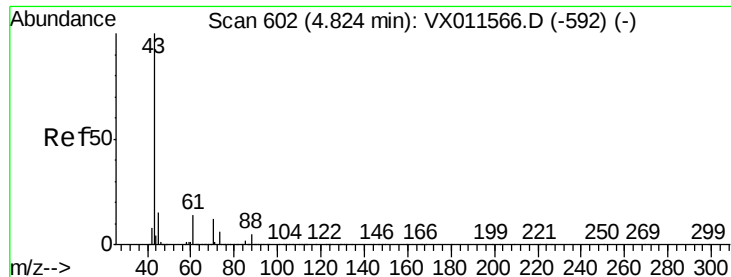
Tgt Ion:113 Resp: 149160
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.1 121.7
 192 25.8 20.8 31.2



#36
 1,1-Dichloropropene
 Concen: 17.854 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: VX011574.D
 Acq: 16 Aug 2019 12:29

Tgt Ion: 75 Resp: 77775
 Ion Ratio Lower Upper
 75 100
 110 39.6 19.4 58.1
 77 30.9 25.1 37.7

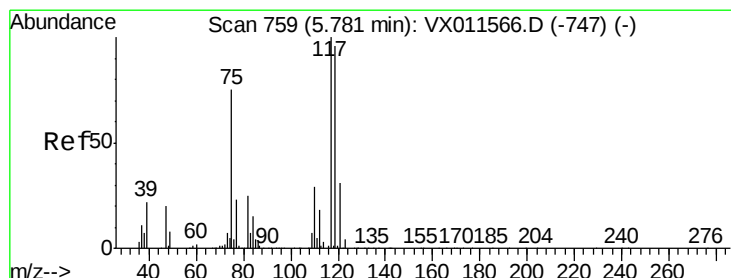
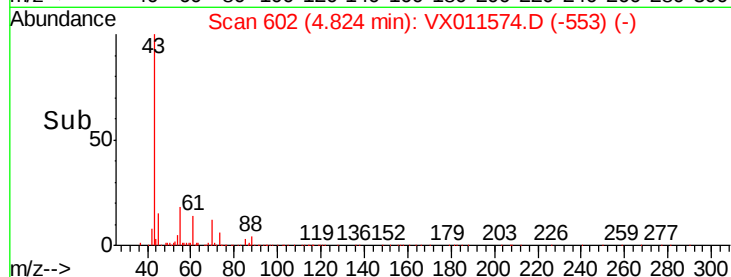
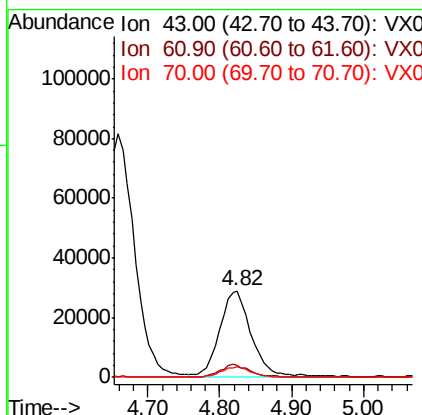
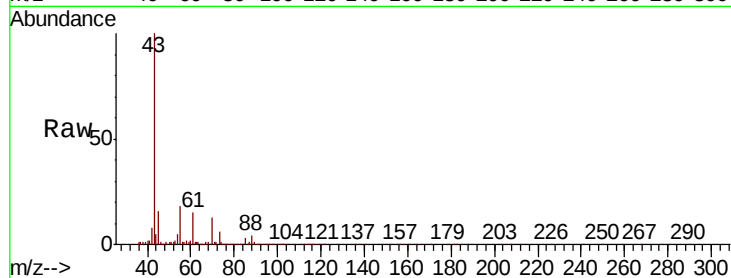




#37
Ethyl Acetate
Concen: 17.298 ug/l
RT: 4.82 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX011574.D
Acq: 16 Aug 2019 12:29

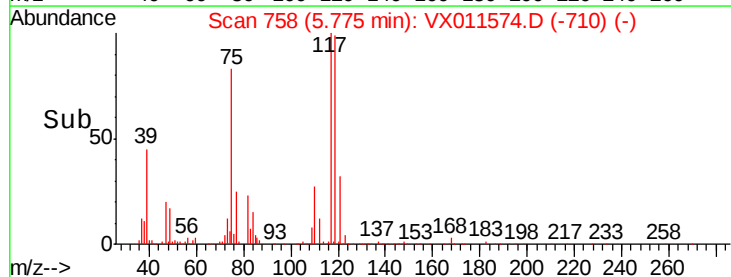
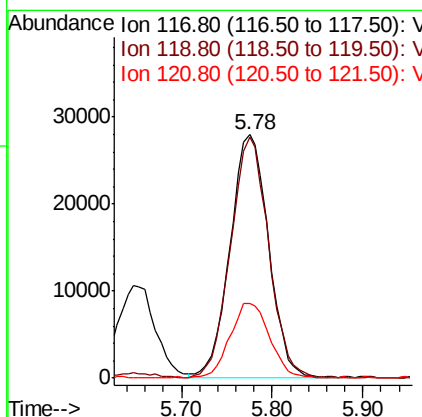
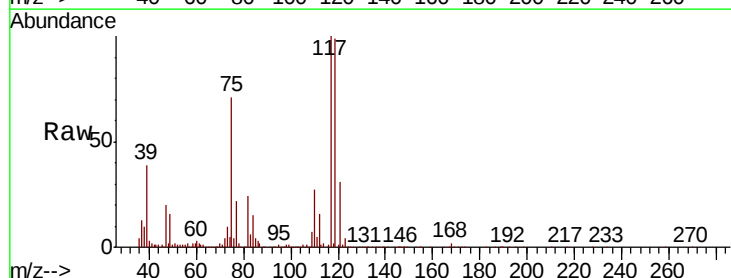
Instrument :
MSVOA_X
ClientSampled :
VX0816WBS01

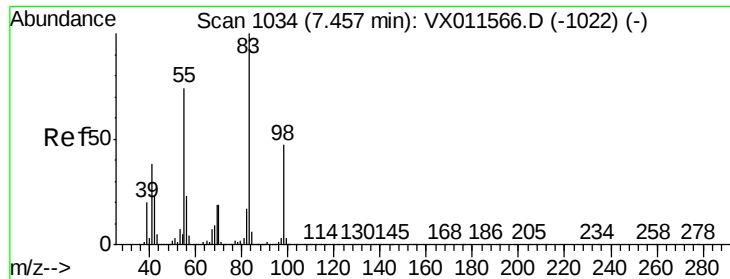
Tgt Ion: 43 Resp: 86670
Ion Ratio Lower Upper
43 100
61 13.5 11.4 17.0
70 11.6 9.0 13.6



#38
Carbon Tetrachloride
Concen: 17.046 ug/l
RT: 5.78 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX011574.D
Acq: 16 Aug 2019 12:29

Tgt Ion: 117 Resp: 81807
Ion Ratio Lower Upper
117 100
119 99.2 76.9 115.3
121 30.7 24.8 37.2

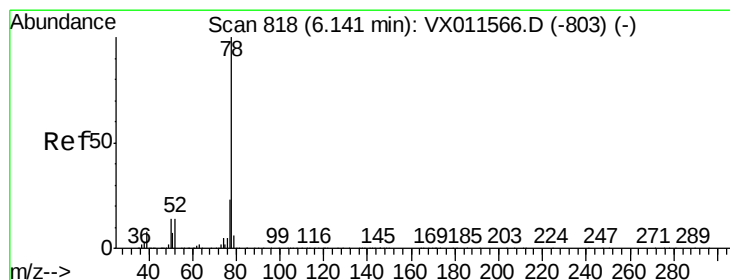
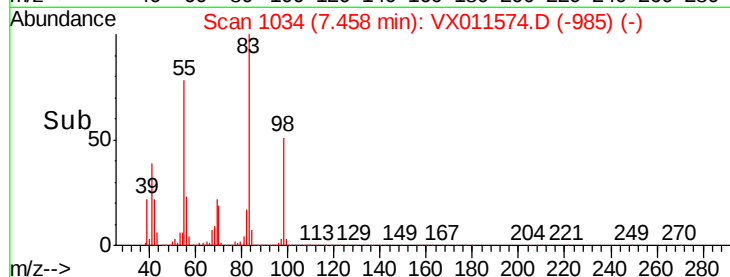
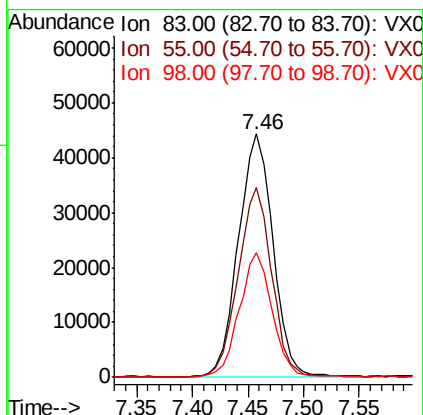
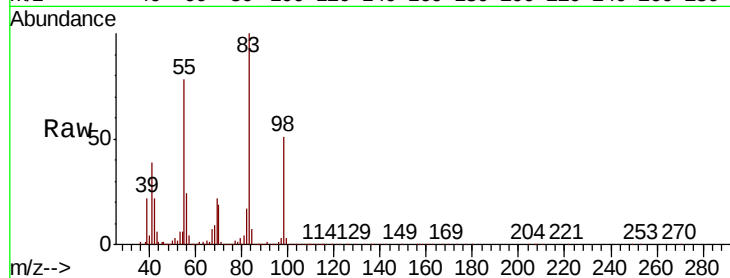




#39
Methylcyclohexane
Concen: 17.802 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011574.D
Acq: 16 Aug 2019 12:29

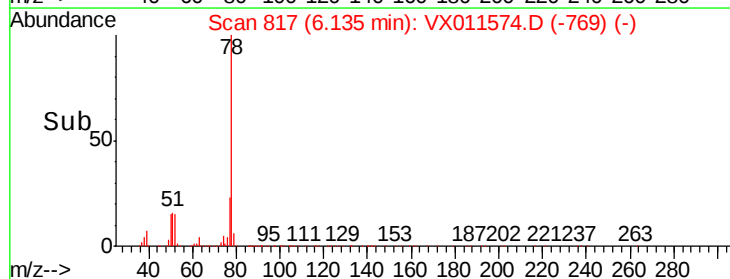
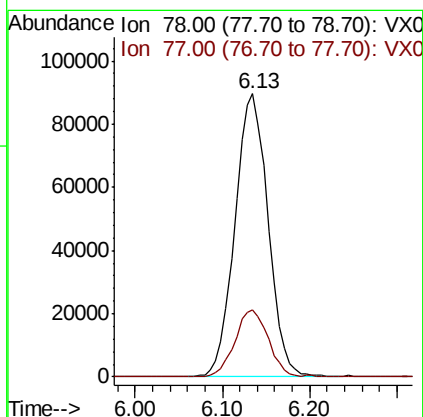
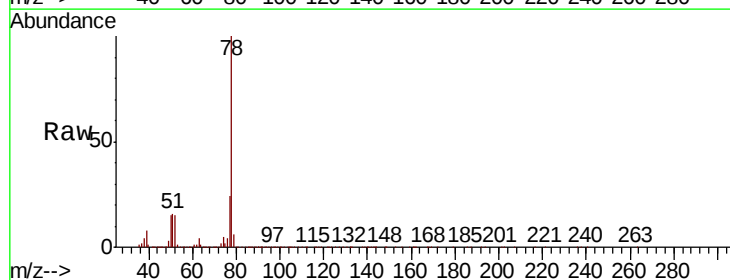
Instrument :
MSVOA_X
ClientSampleId :
VX0816WBS01

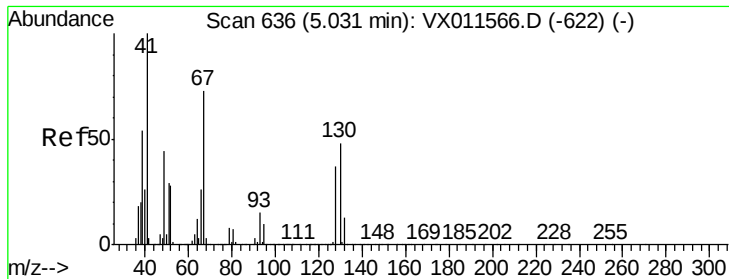
Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.8	58.8	88.2
98	51.2	37.8	56.6



#40
Benzene
Concen: 17.371 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX011574.D
Acq: 16 Aug 2019 12:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.6	28.0

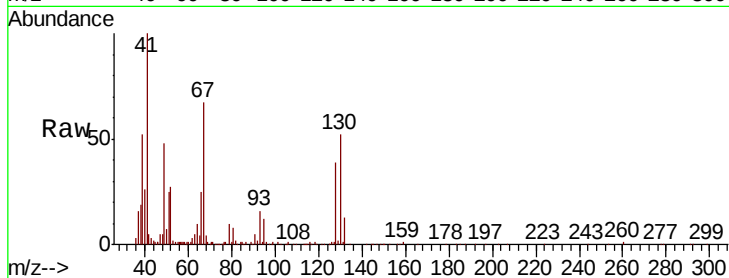




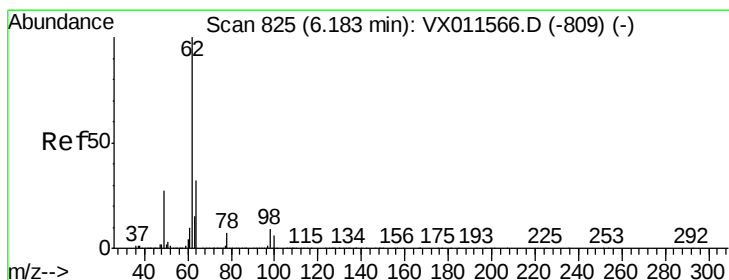
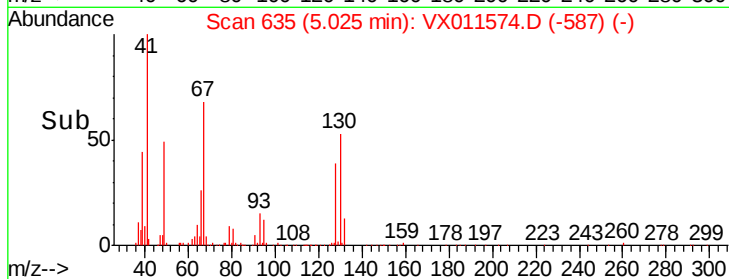
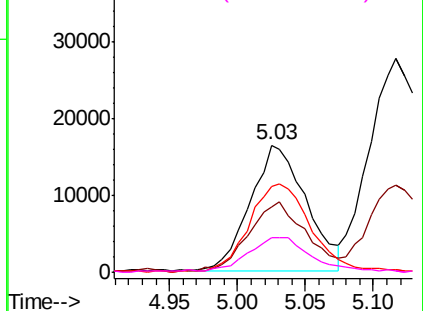
#41
Methacrylonitrile
Concen: 17.023 ug/l
RT: 5.03 min Scan# 635
Delta R.T. -0.01 min
Lab File: VX011574.D
Acq: 16 Aug 2019 12:29

Instrument :
MSVOA_X
ClientSampleId :
VX0816WBS01

Tgt Ion:	41	Resp:	46940
Ion	Ratio	Lower	Upper
41	100		
39	58.7	43.5	65.3
67	76.5	59.4	89.2
52	32.4	23.4	35.2

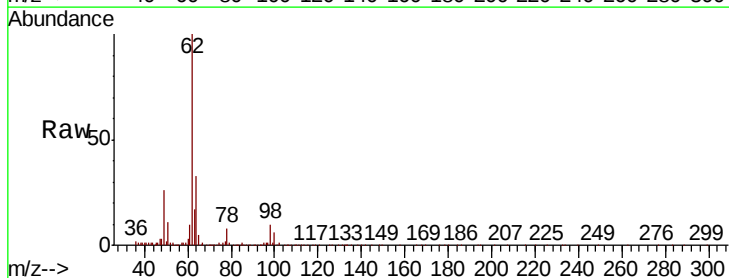


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

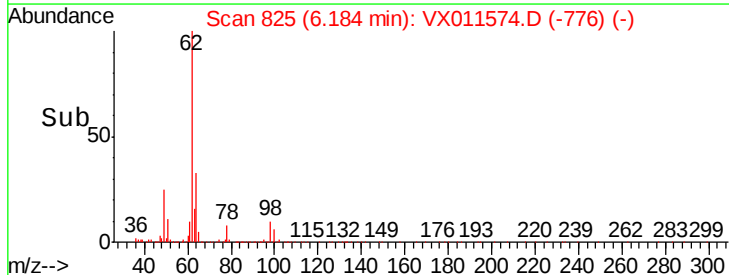
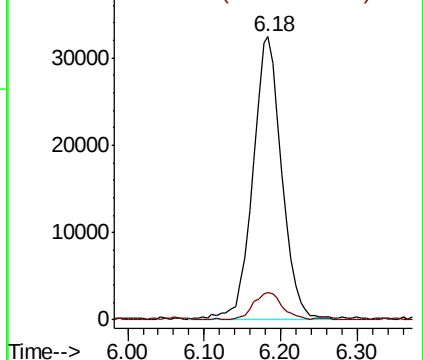


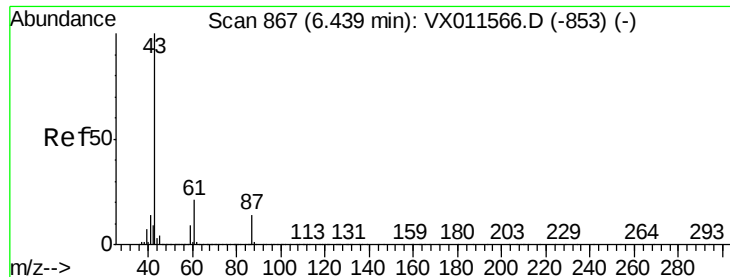
#42
1,2-Dichloroethane
Concen: 17.994 ug/l
RT: 6.18 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX011574.D
Acq: 16 Aug 2019 12:29

Tgt Ion:	62	Resp:	84390
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.4



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





#43

Isopropyl Acetate

Concen: 16.683 ug/l

RT: 6.43 min Scan# 866

Delta R.T. -0.01 min

Lab File: VX011574.D

Acq: 16 Aug 2019 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0816WBS01

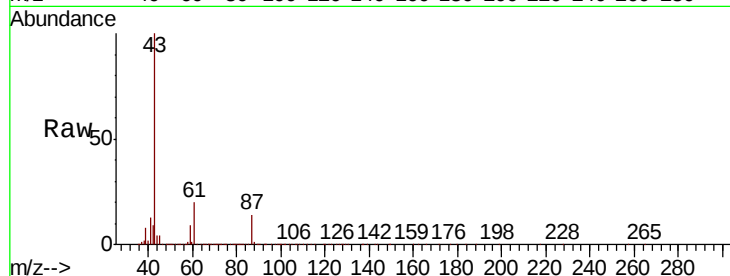
Tgt Ion: 43 Resp: 130444

Ion Ratio Lower Upper

43 100

61 21.3 16.6 24.8

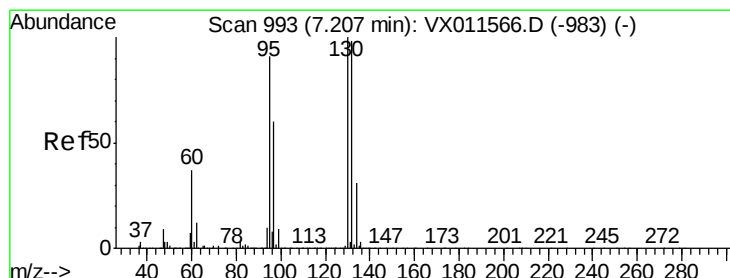
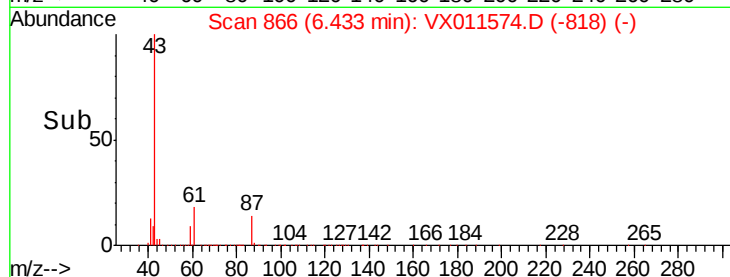
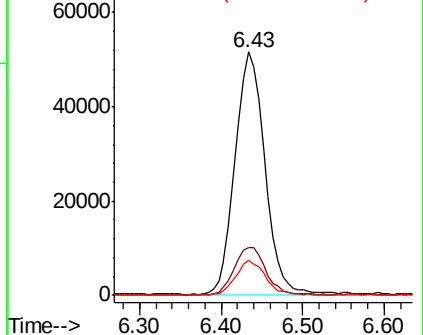
87 14.2 11.4 17.2



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: 17.541 ug/l

RT: 7.21 min Scan# 993

Delta R.T. 0.00 min

Lab File: VX011574.D

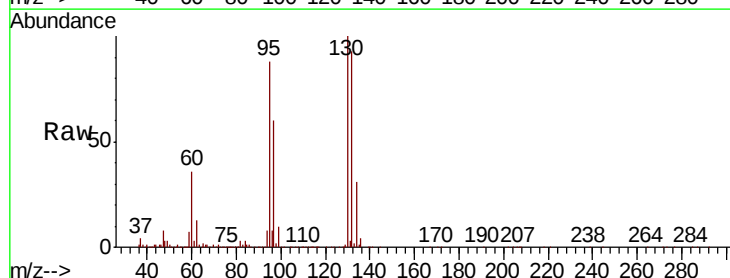
Acq: 16 Aug 2019 12:29

Tgt Ion: 130 Resp: 70439

Ion Ratio Lower Upper

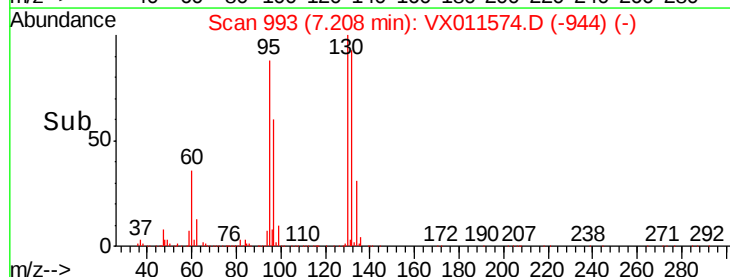
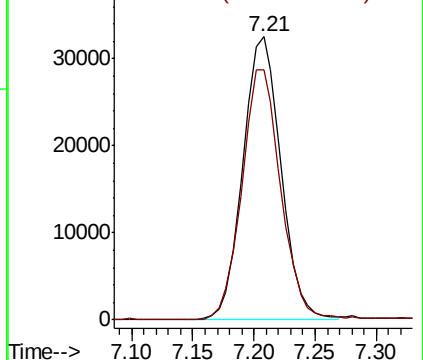
130 100

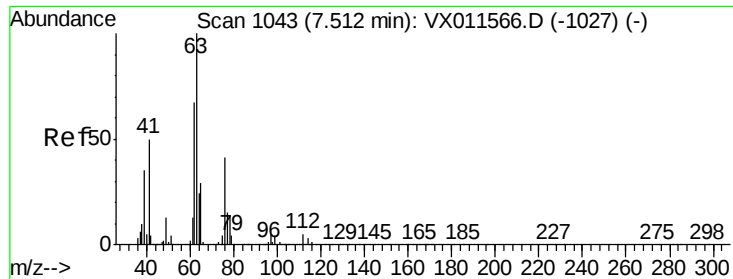
95 88.0 0.0 181.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

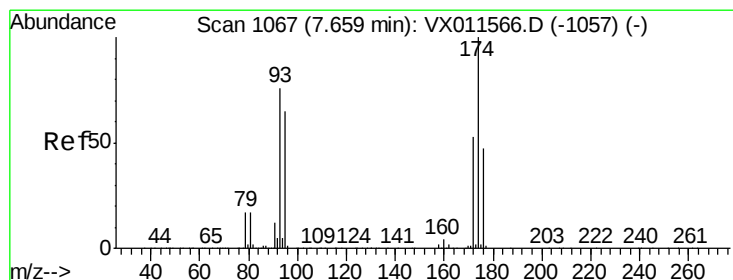
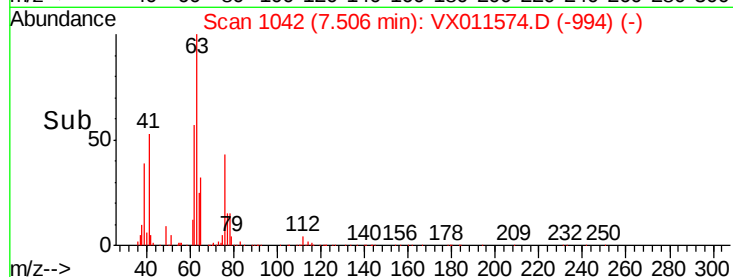
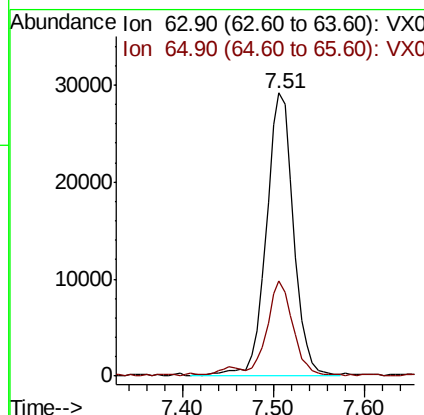
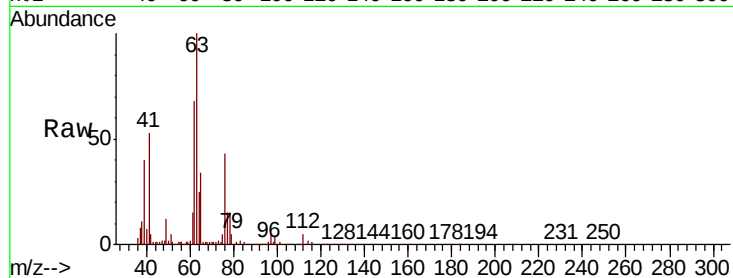




#45
 1,2-Dichloropropane
 Concen: 17.673 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX011574.D
 Acq: 16 Aug 2019 12:29

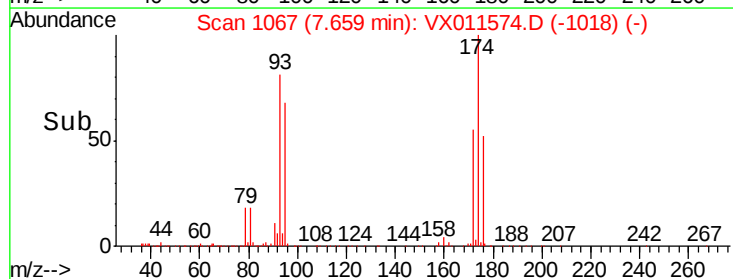
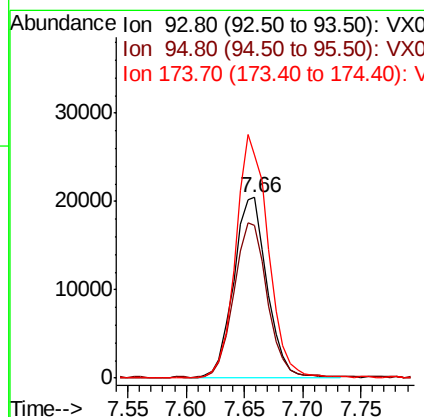
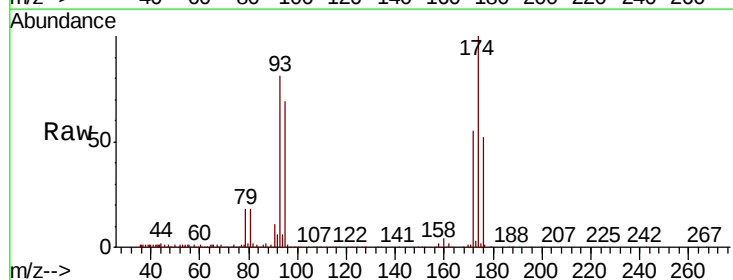
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0816WBS01

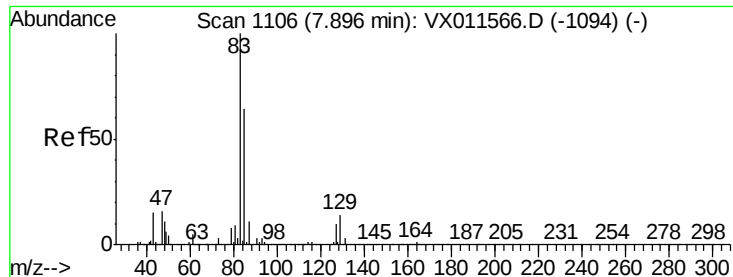
Tgt Ion: 63 Resp: 59664
 Ion Ratio Lower Upper
 63 100
 65 33.4 23.4 35.2



#46
 Dibromomethane
 Concen: 16.560 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX011574.D
 Acq: 16 Aug 2019 12:29

Tgt Ion: 93 Resp: 40627
 Ion Ratio Lower Upper
 93 100
 95 87.5 67.2 100.8
 174 132.6 105.5 158.3





#47

Bromodichloromethane

Concen: 16.669 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX011574.D

Acq: 16 Aug 2019 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0816WBS01

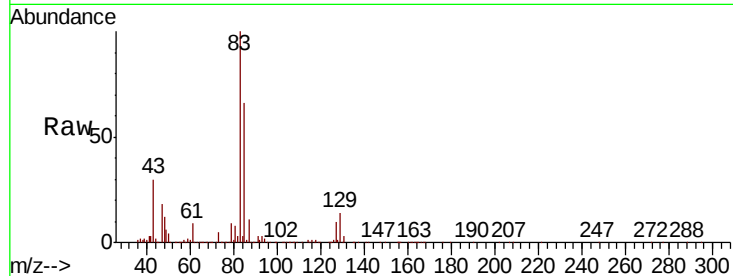
Tgt Ion: 83 Resp: 75084

Ion Ratio Lower Upper

83 100

85 65.9 51.2 76.8

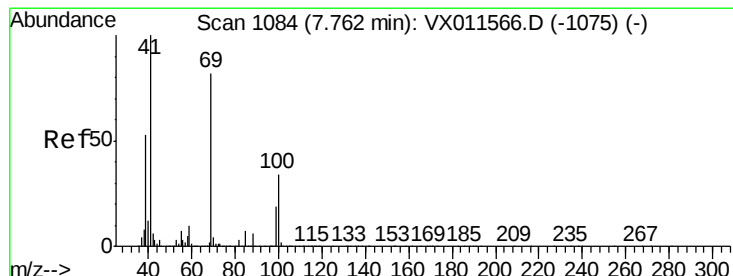
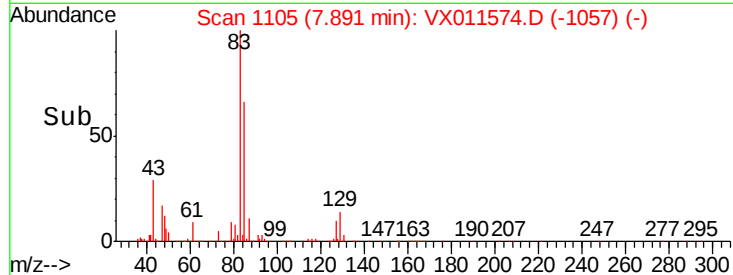
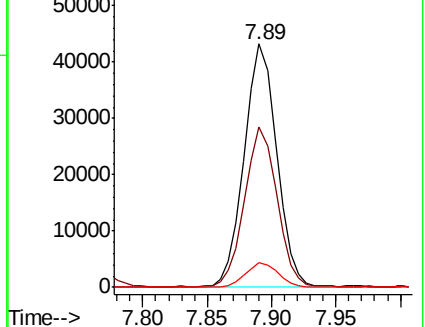
127 10.1 8.1 12.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 17.007 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.00 min

Lab File: VX011574.D

Acq: 16 Aug 2019 12:29

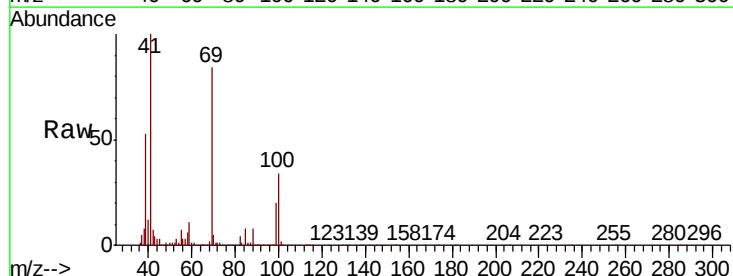
Tgt Ion: 41 Resp: 65855

Ion Ratio Lower Upper

41 100

69 85.8 67.9 101.9

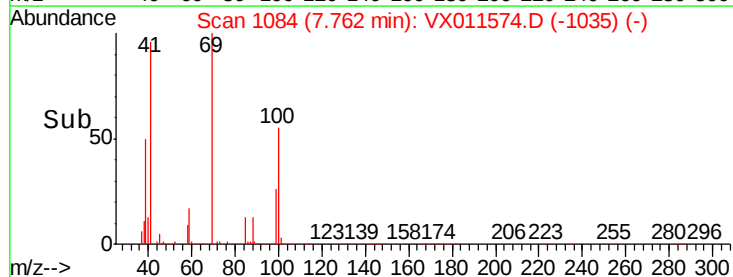
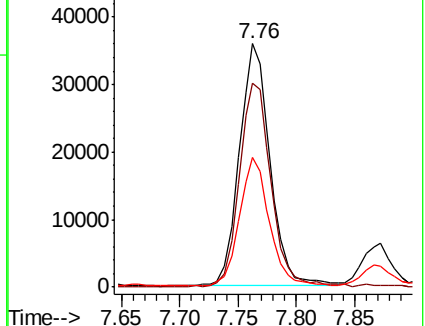
39 51.7 41.6 62.4

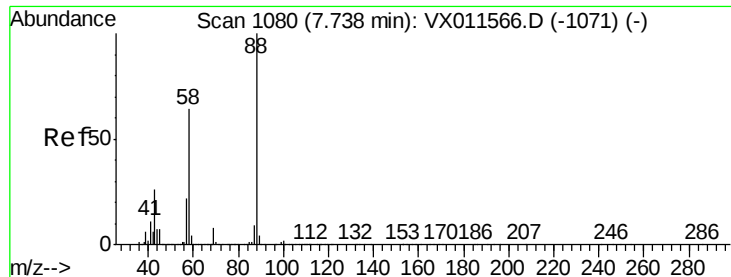


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 331.721 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.01 min

Lab File: VX011574.D

Acq: 16 Aug 2019 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0816WBS01

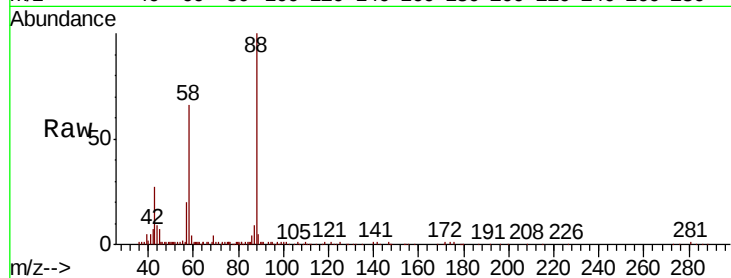
Tgt Ion: 88 Resp: 34164

Ion Ratio Lower Upper

88 100

43 32.3 23.4 35.0

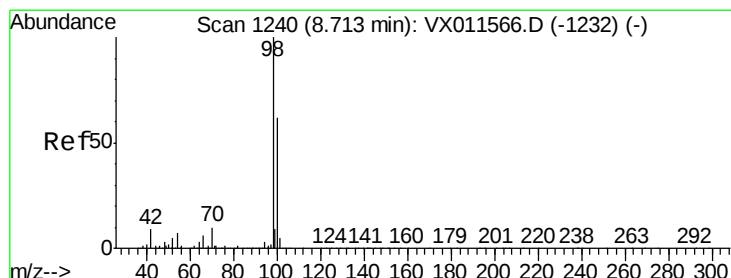
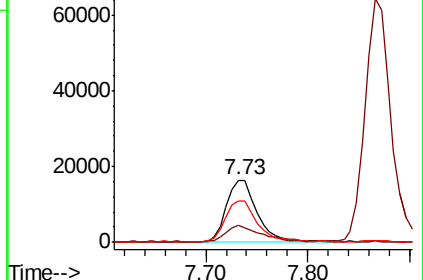
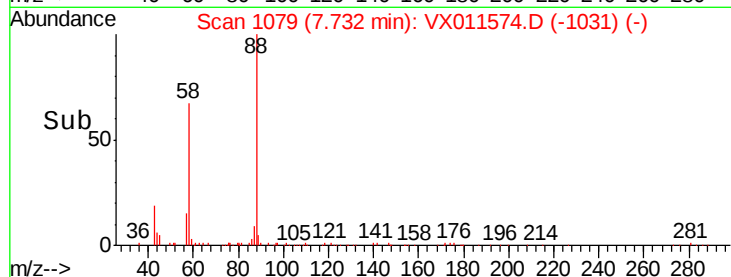
58 70.8 54.3 81.5



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: 46.987 ug/l

RT: 8.71 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VX011574.D

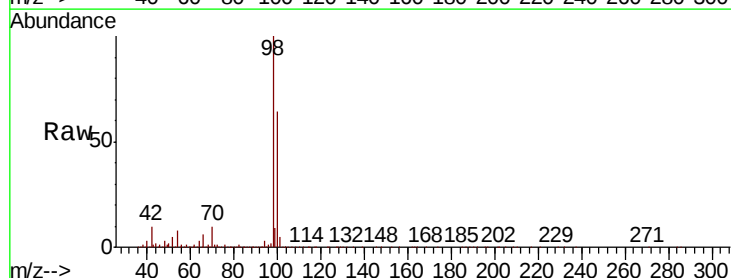
Acq: 16 Aug 2019 12:29

Tgt Ion: 98 Resp: 487873

Ion Ratio Lower Upper

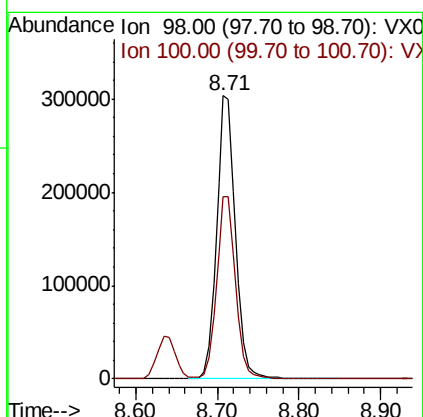
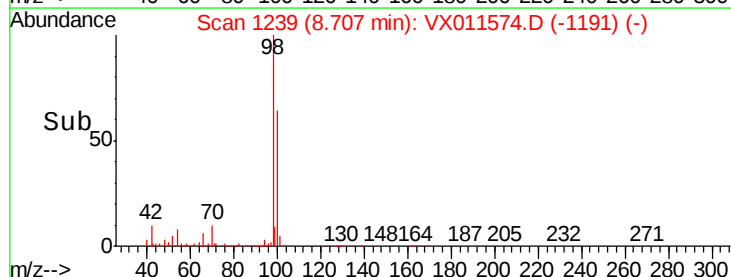
98 100

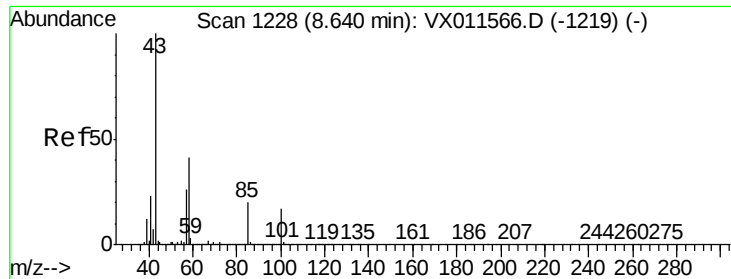
100 65.0 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

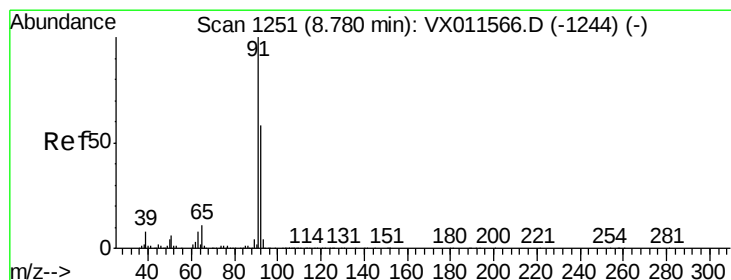
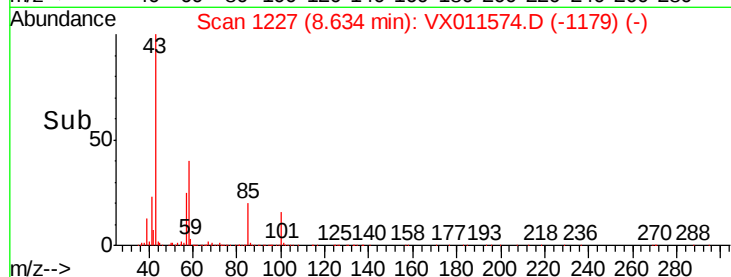
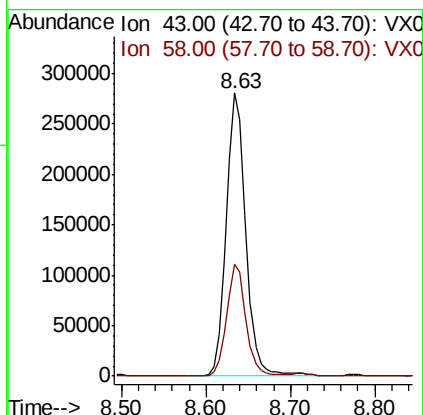
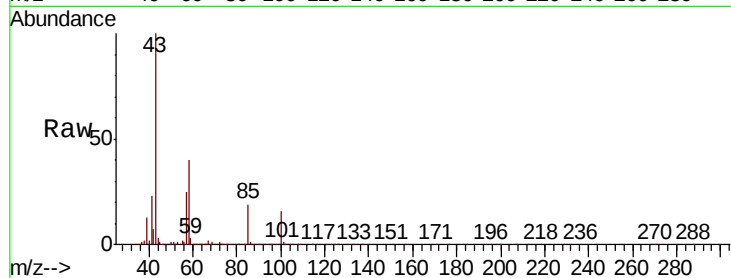




#51
 4-Methyl-2-Pentanone
 Concen: 87.883 ug/l
 RT: 8.63 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VX011574.D
 Acq: 16 Aug 2019 12:29

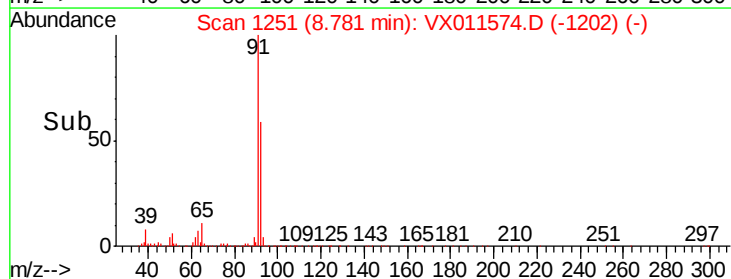
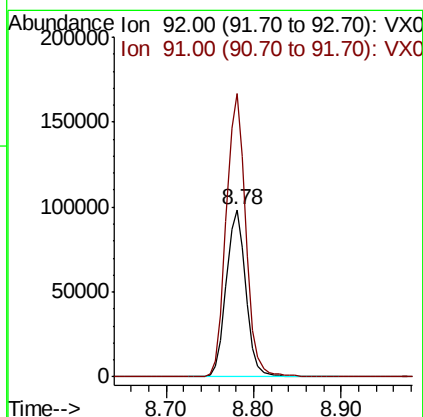
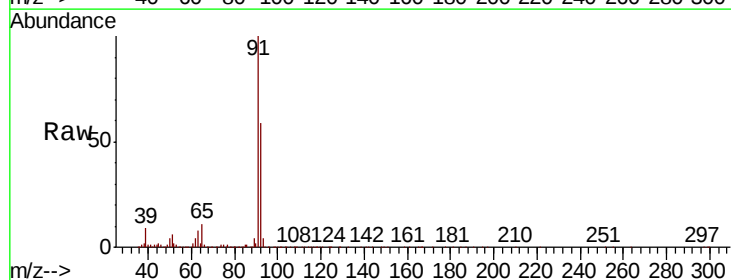
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0816WBS01

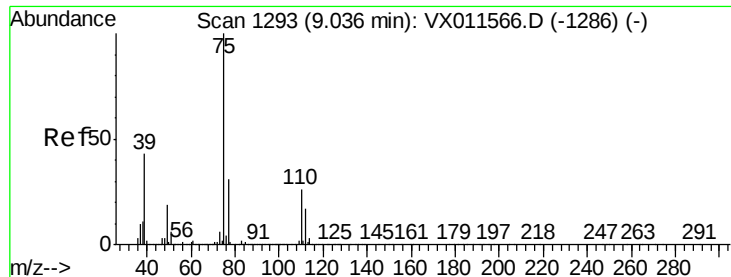
Tgt Ion: 43 Resp: 449783
 Ion Ratio Lower Upper
 43 100
 58 38.5 31.8 47.6



#52
 Toluene
 Concen: 17.656 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VX011574.D
 Acq: 16 Aug 2019 12:29

Tgt Ion: 92 Resp: 152270
 Ion Ratio Lower Upper
 92 100
 91 170.2 138.0 207.0





#53

t-1,3-Dichloropropene

Concen: 17.022 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX011574.D

Acq: 16 Aug 2019 12:29

Instrument :

MSVOA_X

ClientSampleId :

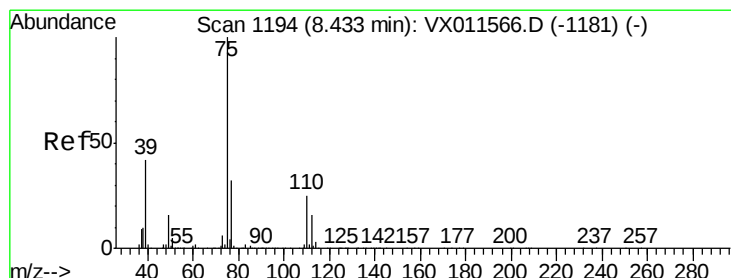
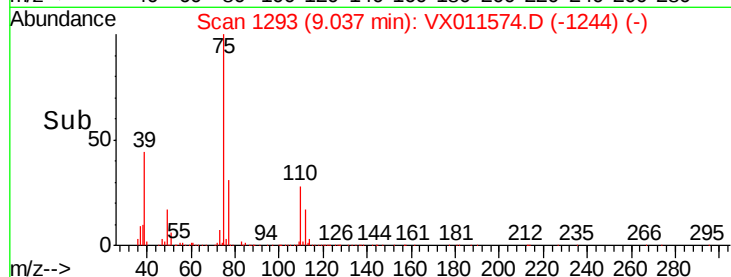
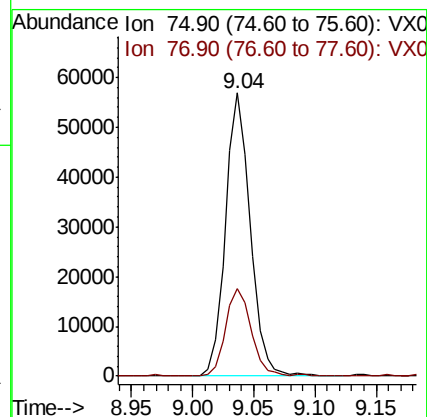
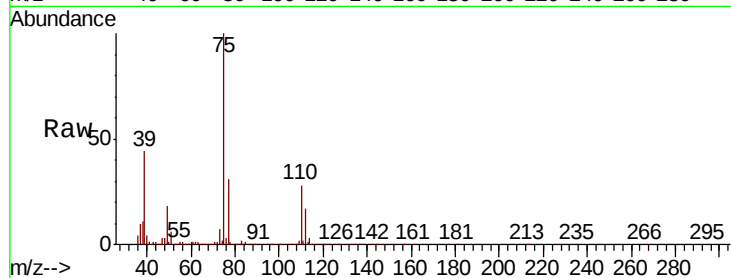
VX0816WBS01

Tgt Ion: 75 Resp: 79576

Ion Ratio Lower Upper

75 100

77 30.7 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 17.745 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX011574.D

Acq: 16 Aug 2019 12:29

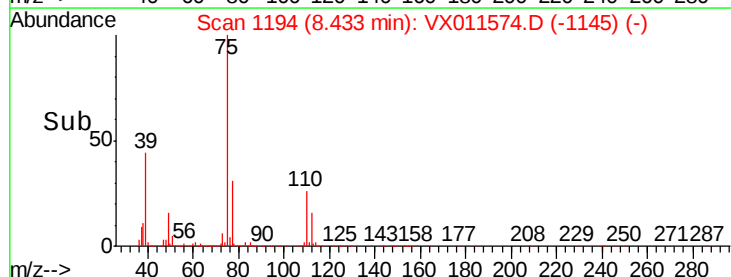
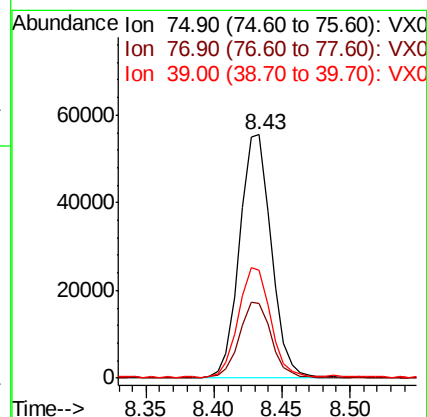
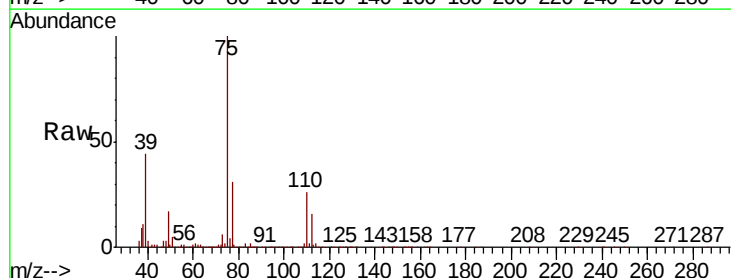
Tgt Ion: 75 Resp: 90788

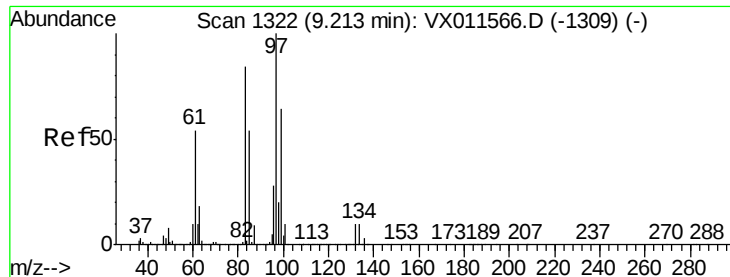
Ion Ratio Lower Upper

75 100

77 30.7 25.5 38.3

39 43.9 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 17.543 ug/l

RT: 9.21 min Scan# 1321

Delta R.T. -0.01 min

Lab File: VX011574.D

Acq: 16 Aug 2019 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0816WBS01

Tgt Ion: 97 Resp: 64336

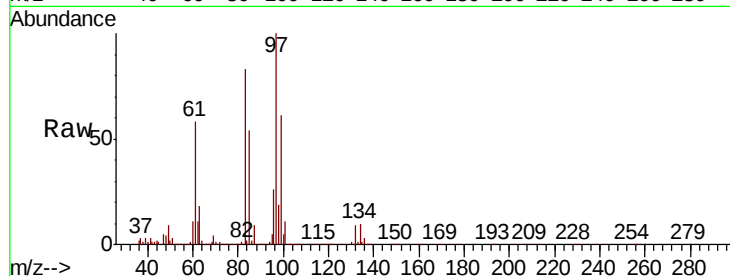
Ion Ratio Lower Upper

97 100

83 82.5 67.4 101.0

85 54.0 43.4 65.2

99 60.8 51.1 76.7

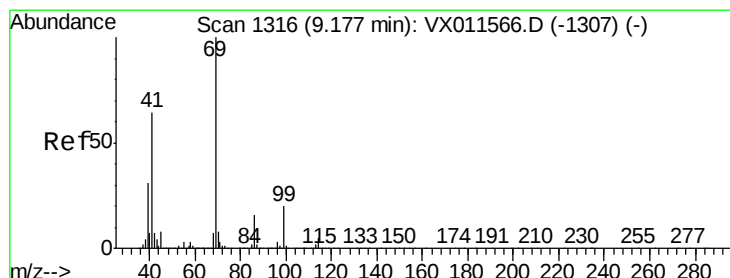
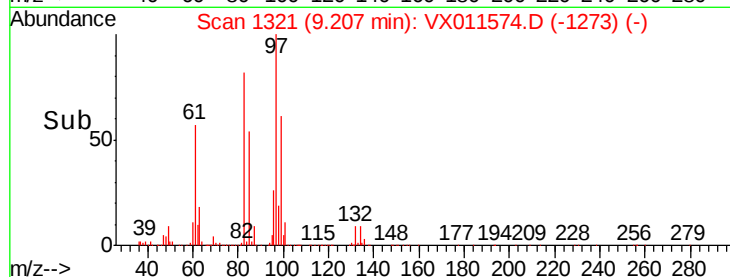
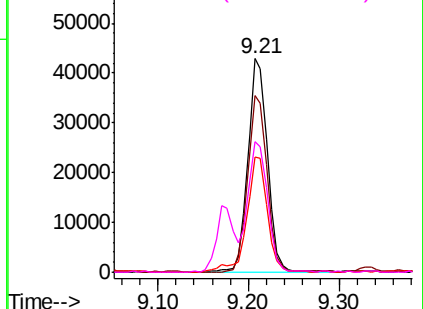


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 17.470 ug/l

RT: 9.17 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VX011574.D

Acq: 16 Aug 2019 12:29

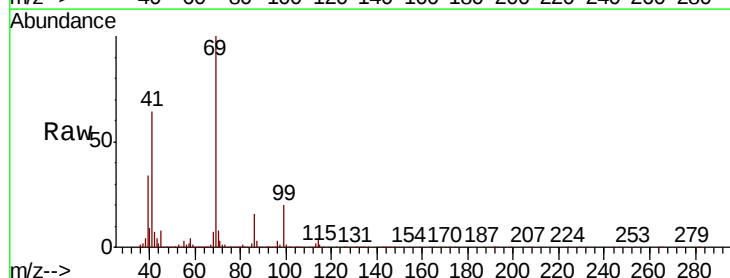
Tgt Ion: 69 Resp: 93119

Ion Ratio Lower Upper

69 100

41 64.6 52.1 78.1

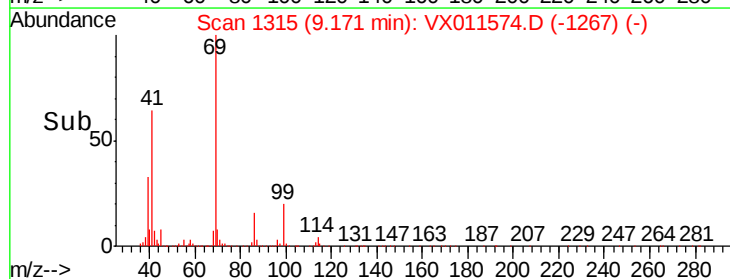
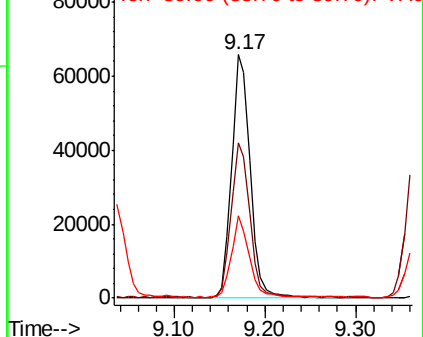
39 32.7 25.4 38.0

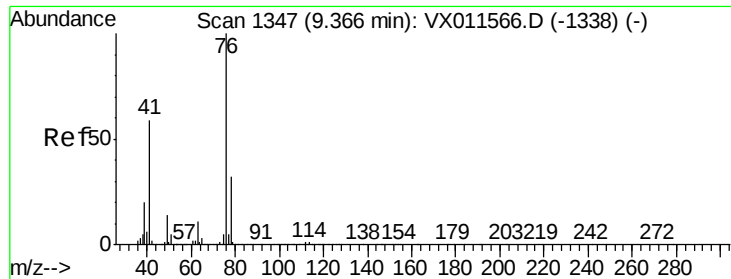


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

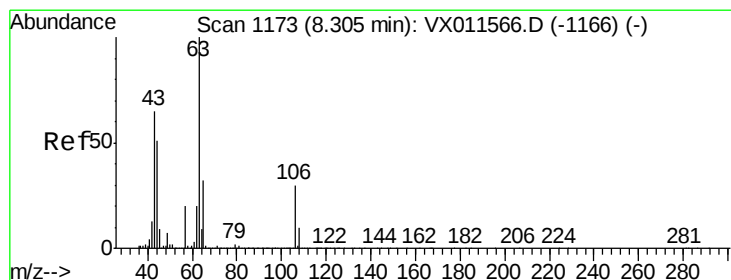
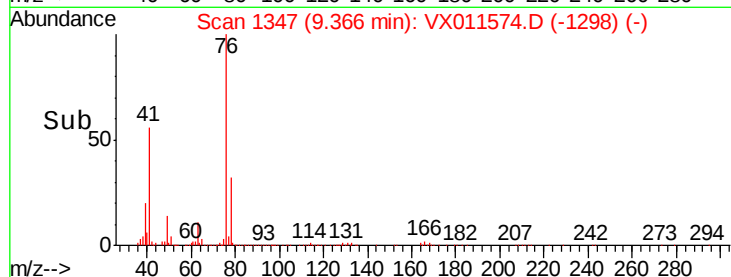
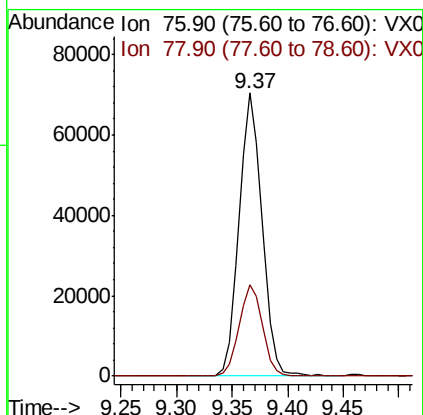
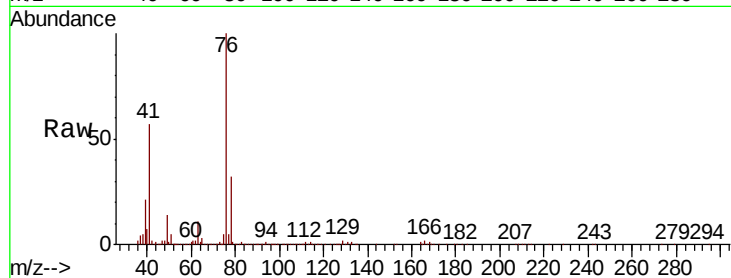




#57
 1,3-Dichloropropane
 Concen: 17.302 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: VX011574.D
 Acq: 16 Aug 2019 12:29

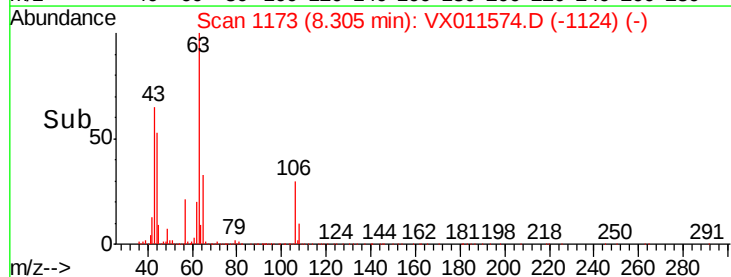
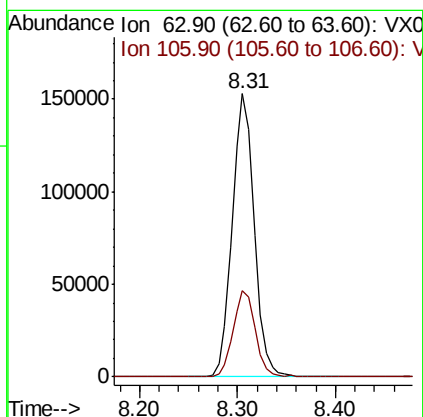
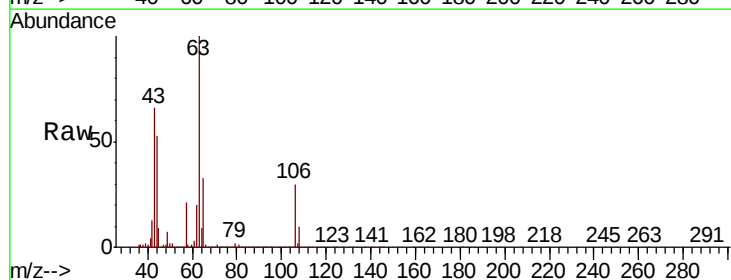
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0816WBS01

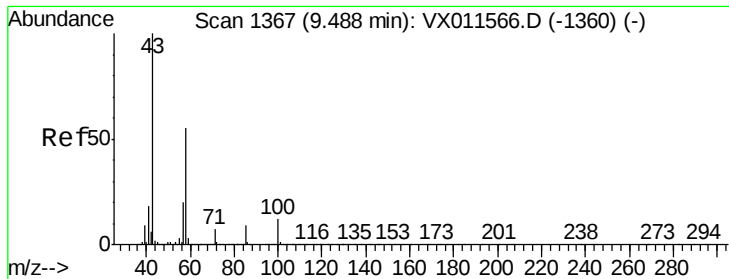
Tgt Ion: 76 Resp: 100865
 Ion Ratio Lower Upper
 76 100
 78 33.0 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 89.226 ug/l
 RT: 8.31 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VX011574.D
 Acq: 16 Aug 2019 12:29

Tgt Ion: 63 Resp: 236977
 Ion Ratio Lower Upper
 63 100
 106 30.8 24.7 37.1

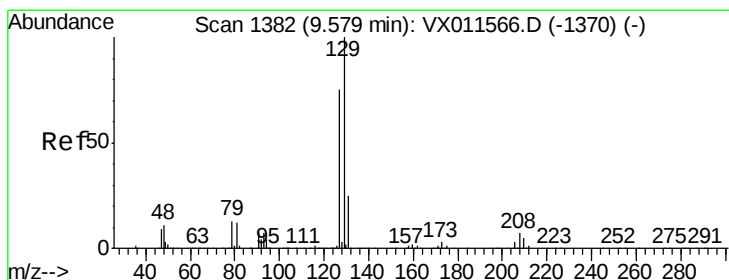
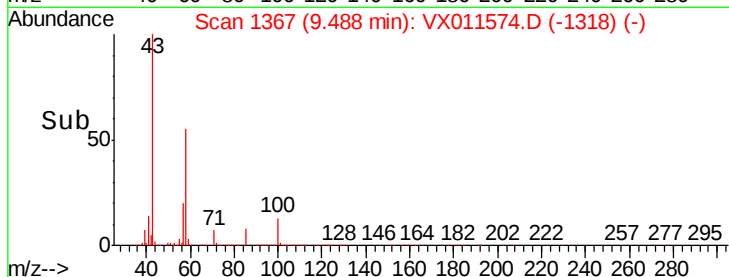
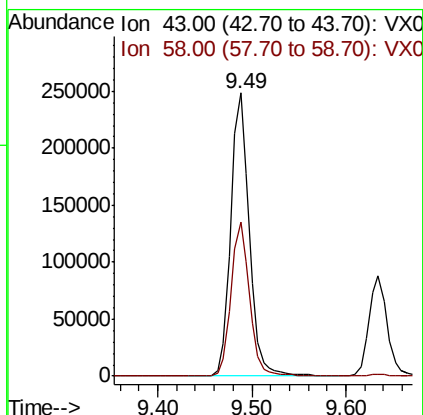
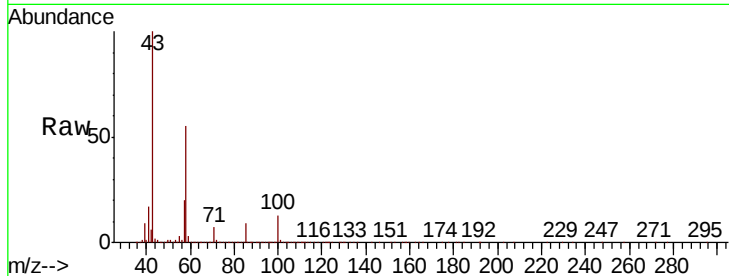




#59
2-Hexanone
Concen: 85.583 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011574.D
Acq: 16 Aug 2019 12:29

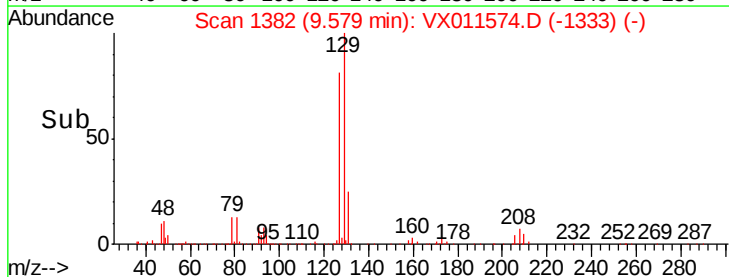
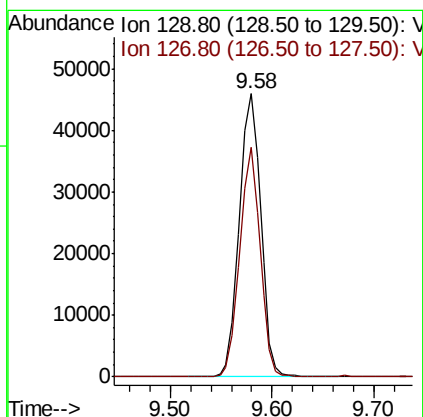
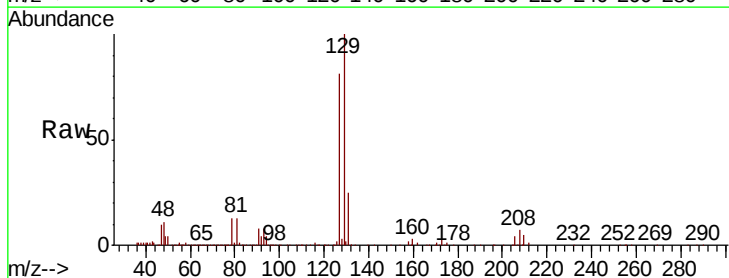
Instrument :
MSVOA_X
ClientSampled :
VX0816WBS01

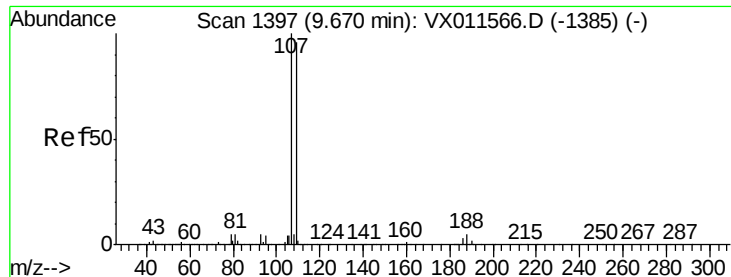
Tgt Ion: 43 Resp: 337773
Ion Ratio Lower Upper
43 100
58 55.1 27.5 82.4



#60
Dibromochloromethane
Concen: 17.521 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011574.D
Acq: 16 Aug 2019 12:29

Tgt Ion: 129 Resp: 66948
Ion Ratio Lower Upper
129 100
127 76.7 38.0 114.1





#61

1,2-Dibromoethane

Concen: 17.480 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011574.D

Acq: 16 Aug 2019 12:29

Instrument :

MSVOA_X

ClientSampleId :

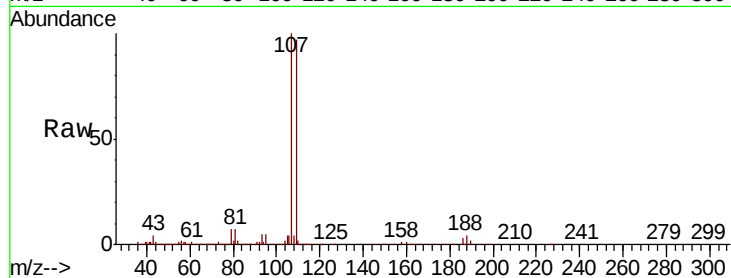
VX0816WBS01

Tgt Ion: 107 Resp: 68417

Ion Ratio Lower Upper

107 100

109 95.5 76.2 114.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

50000

40000

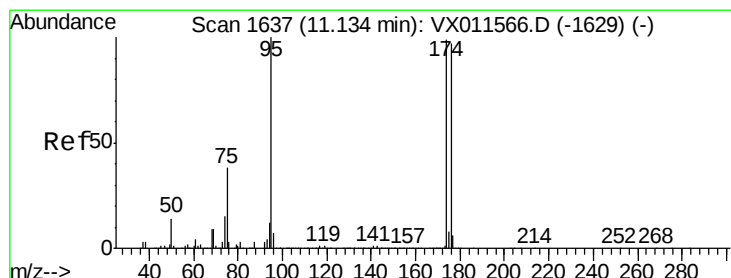
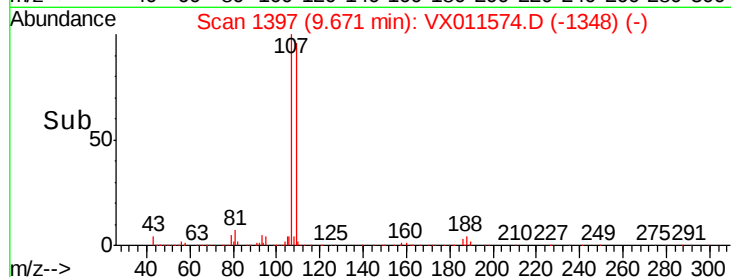
30000

20000

10000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 45.415 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011574.D

Acq: 16 Aug 2019 12:29

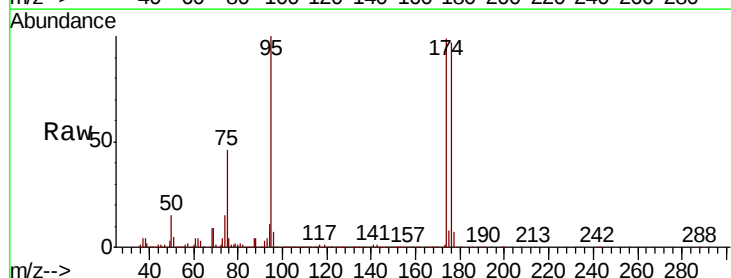
Tgt Ion: 95 Resp: 199035

Ion Ratio Lower Upper

95 100

174 100.3 0.0 200.6

176 98.0 0.0 196.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

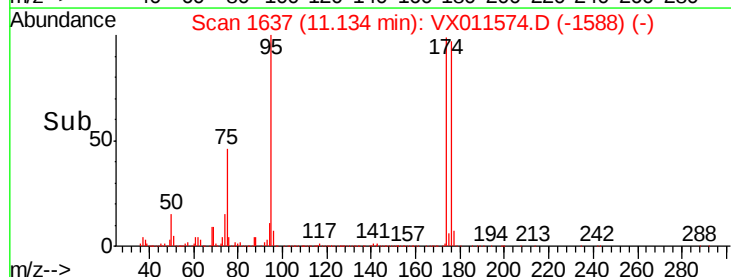
150000

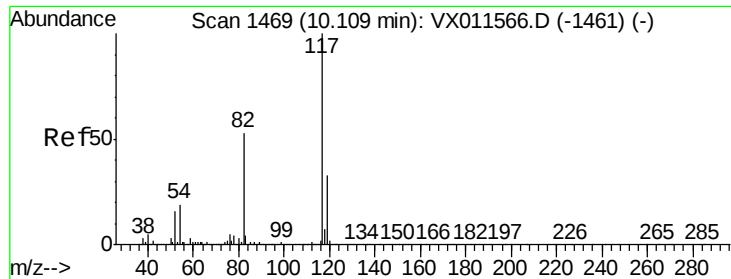
100000

50000

0

Time--> 11.10 11.20

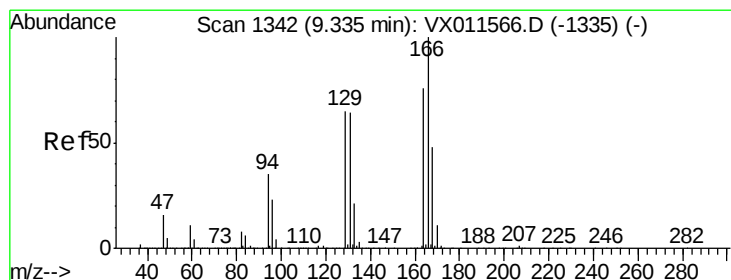
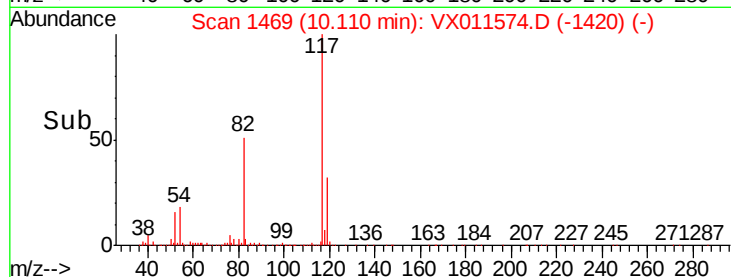
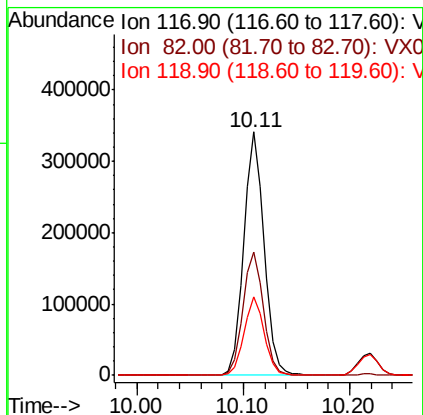
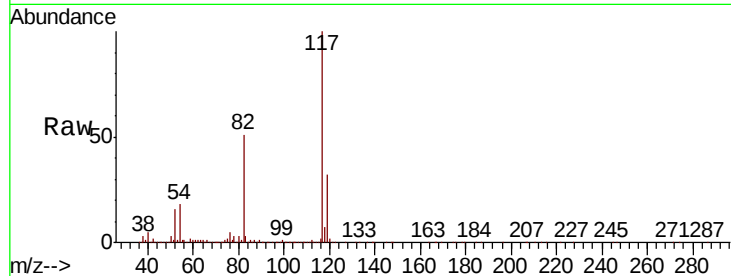




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011574.D
Acq: 16 Aug 2019 12:29

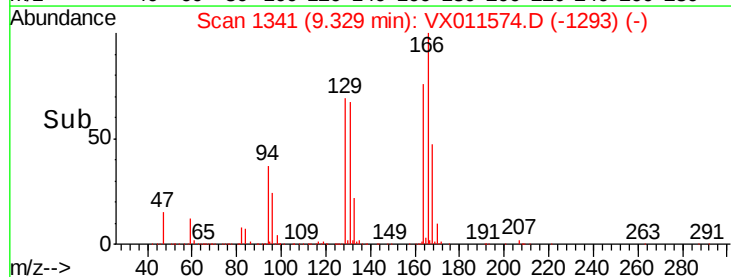
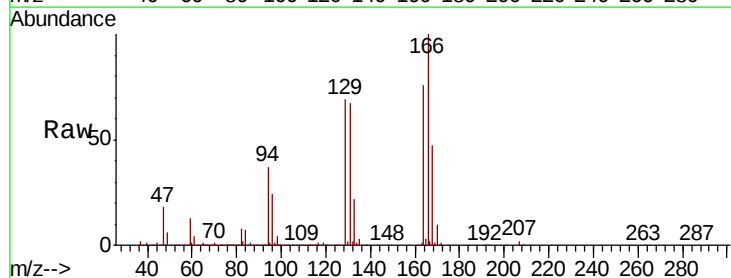
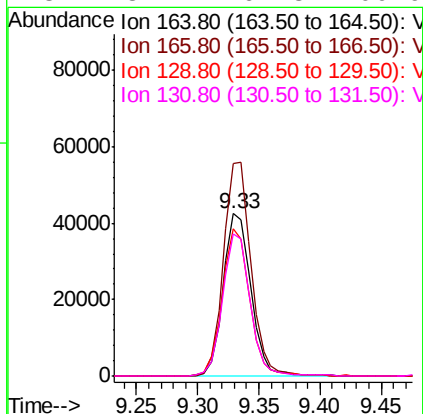
Instrument :
MSVOA_X
ClientSampleId :
VX0816WBS01

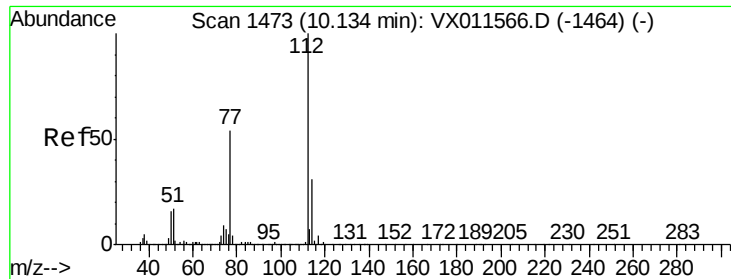
Tgt Ion:117 Resp: 457083
Ion Ratio Lower Upper
117 100
82 50.7 42.0 63.0
119 32.1 26.5 39.7



#64
Tetrachloroethene
Concen: 17.782 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VX011574.D
Acq: 16 Aug 2019 12:29

Tgt Ion:164 Resp: 66687
Ion Ratio Lower Upper
164 100
166 131.1 104.7 157.1
129 90.5 68.2 102.4
131 87.7 67.3 100.9

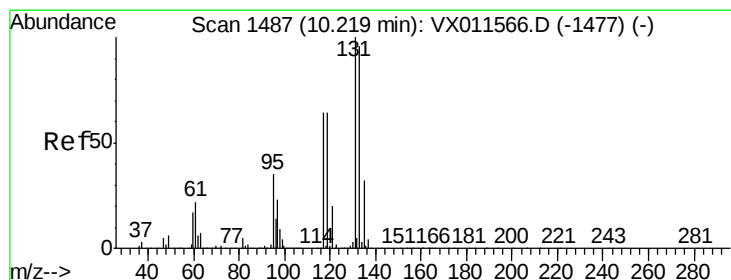
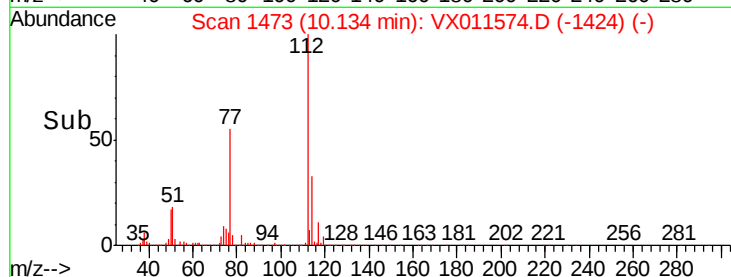
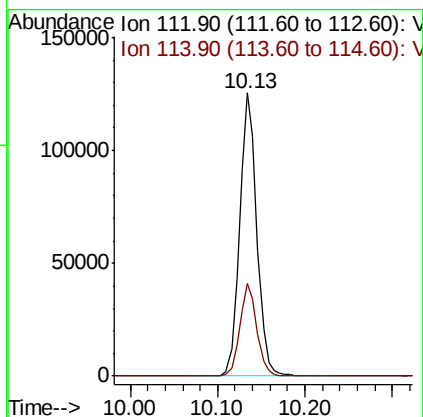
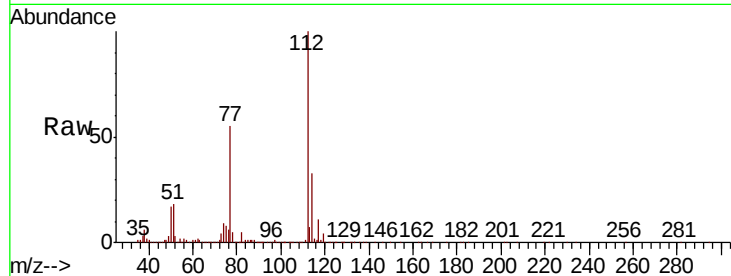




#65
Chlorobenzene
Concen: 17.674 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011574.D
Acq: 16 Aug 2019 12:29

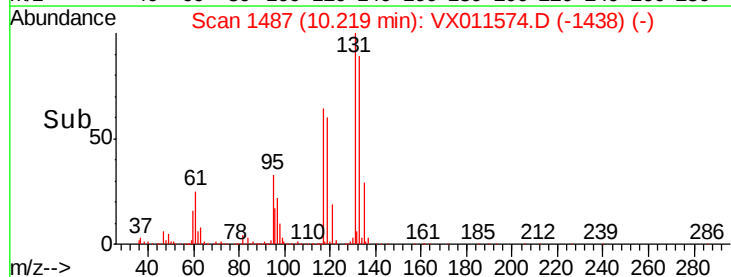
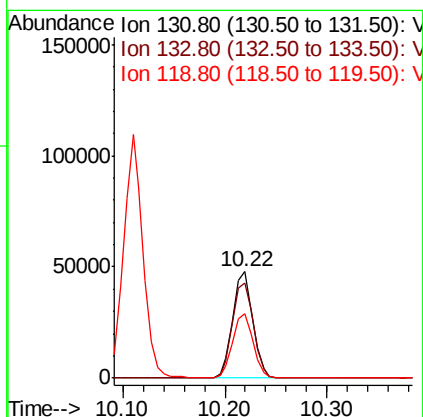
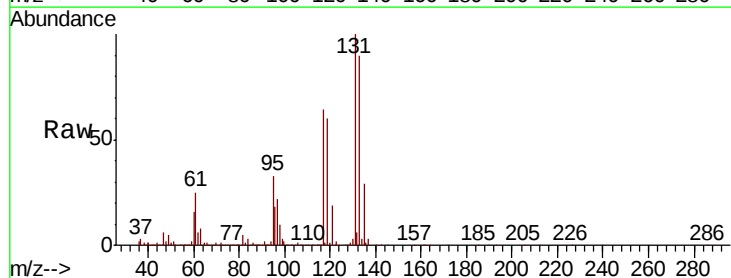
Instrument :
MSVOA_X
ClientSampled :
VX0816WBS01

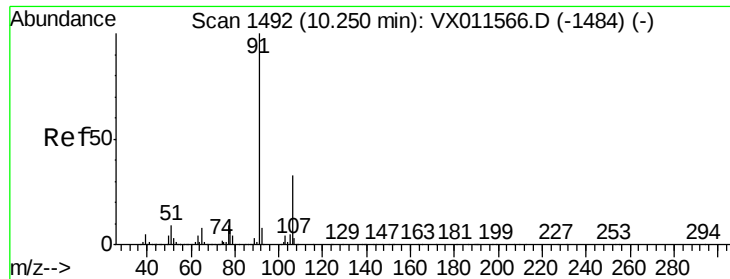
Tgt Ion:112 Resp: 172302
Ion Ratio Lower Upper
112 100
114 32.6 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 17.851 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011574.D
Acq: 16 Aug 2019 12:29

Tgt Ion:131 Resp: 65048
Ion Ratio Lower Upper
131 100
133 93.3 48.1 144.4
119 61.4 31.3 93.8





#67

Ethyl Benzene

Concen: 17.745 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011574.D

Acq: 16 Aug 2019 12:29

Instrument :

MSVOA_X

ClientSampleId :

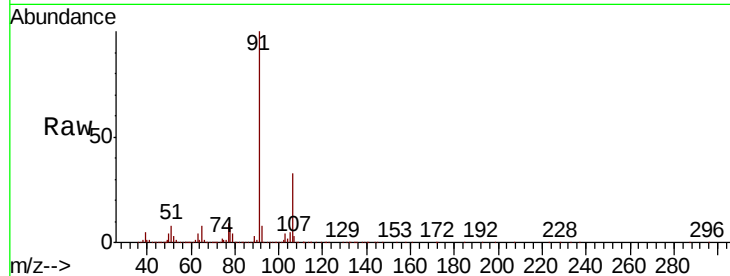
VX0816WBS01

Tgt Ion: 91 Resp: 288714

Ion Ratio Lower Upper

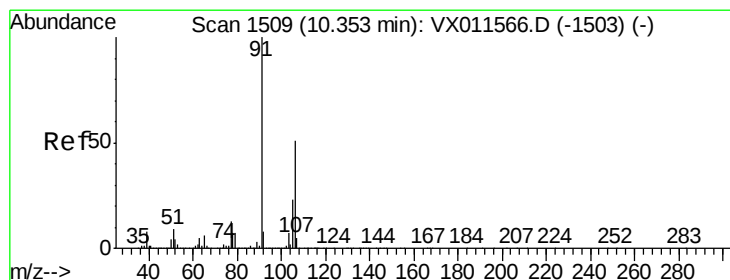
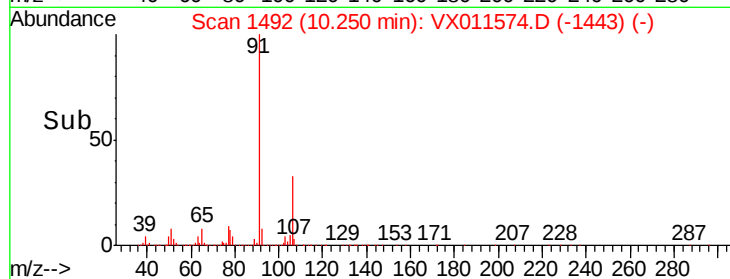
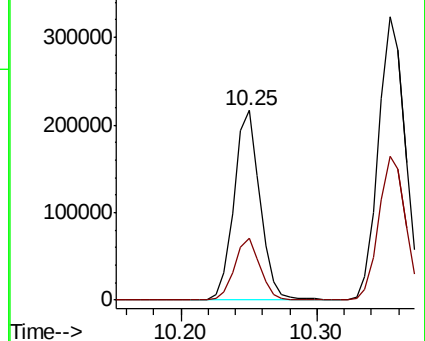
91 100

106 32.7 26.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 36.223 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VX011574.D

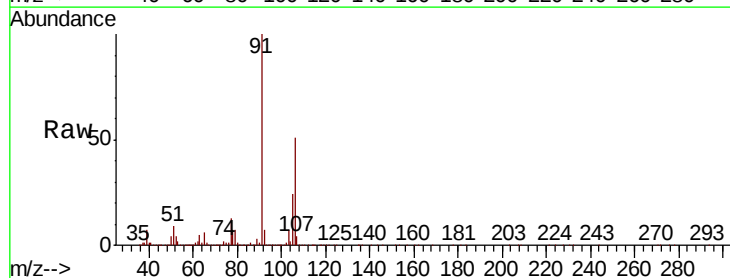
Acq: 16 Aug 2019 12:29

Tgt Ion: 106 Resp: 226230

Ion Ratio Lower Upper

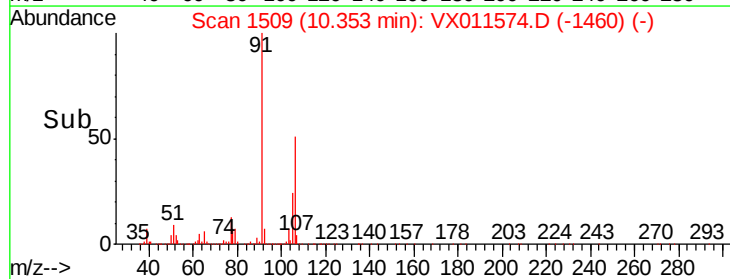
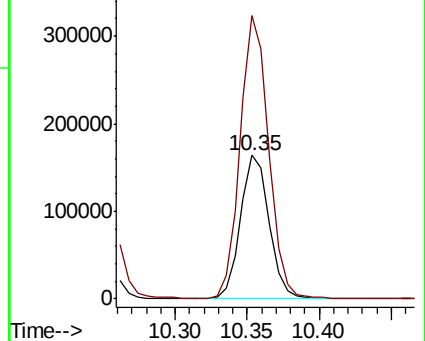
106 100

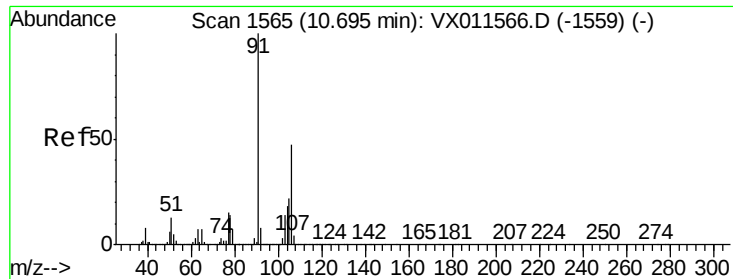
91 196.5 156.0 234.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

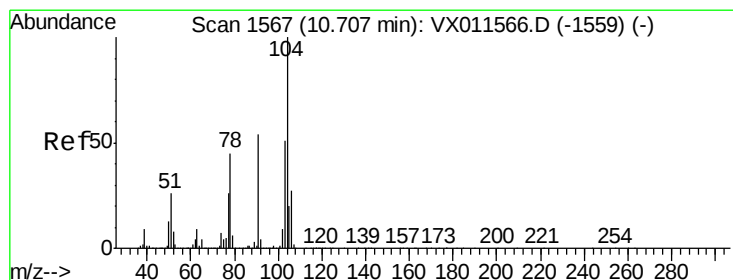
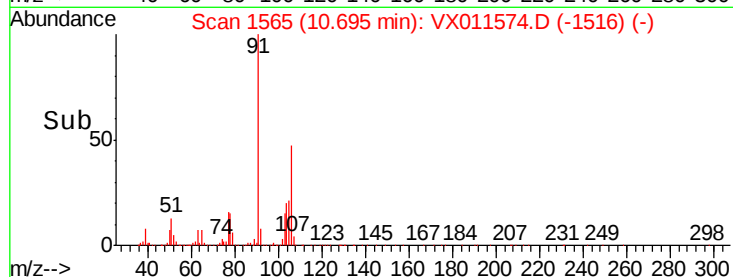
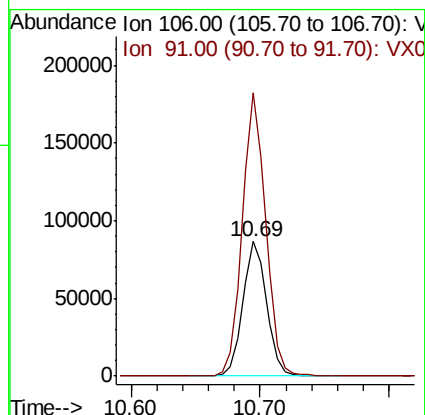
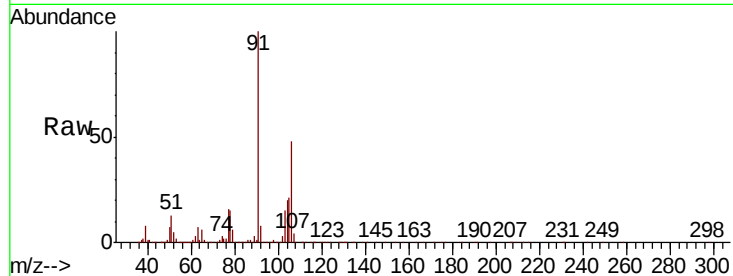




#69
o-Xylene
Concen: 17.964 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011574.D
Acq: 16 Aug 2019 12:29

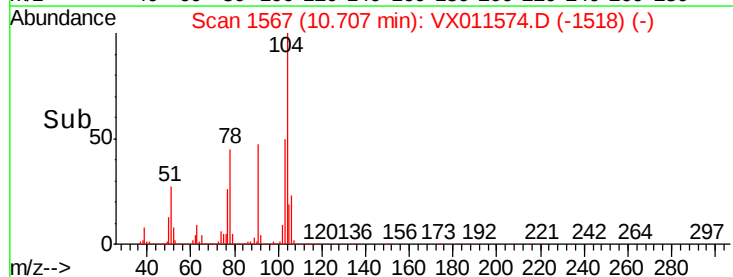
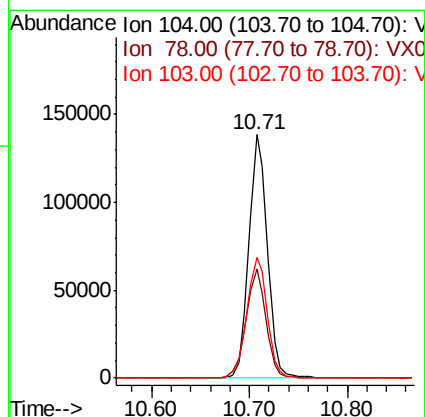
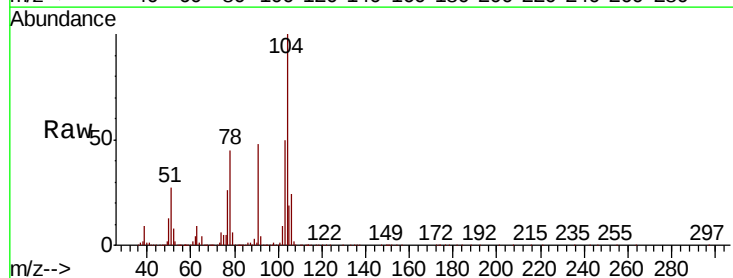
Instrument :
MSVOA_X
ClientSampleId :
VX0816WBS01

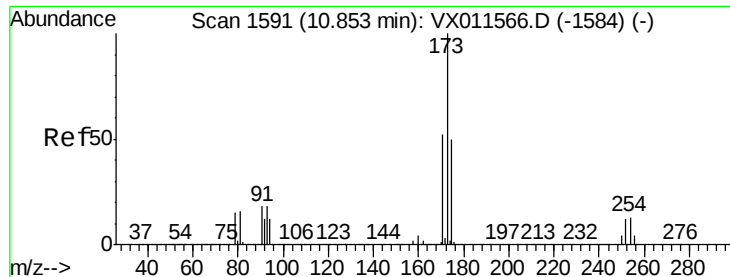
Tgt Ion:106 Resp: 109895
Ion Ratio Lower Upper
106 100
91 206.9 105.5 316.4



#70
Styrene
Concen: 17.669 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011574.D
Acq: 16 Aug 2019 12:29

Tgt Ion:104 Resp: 181968
Ion Ratio Lower Upper
104 100
78 48.2 38.2 57.4
103 54.7 43.6 65.4





#71

Bromoform

Concen: 17.222 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011574.D

Acq: 16 Aug 2019 12:29

Instrument :

MSVOA_X

ClientSampled :

VX0816WBS01

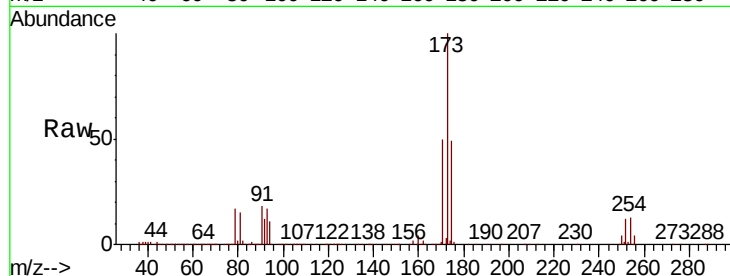
Tgt Ion:173 Resp: 52803

Ion Ratio Lower Upper

173 100

175 48.0 24.9 74.7

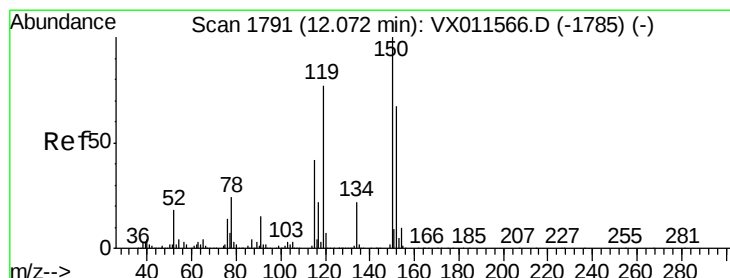
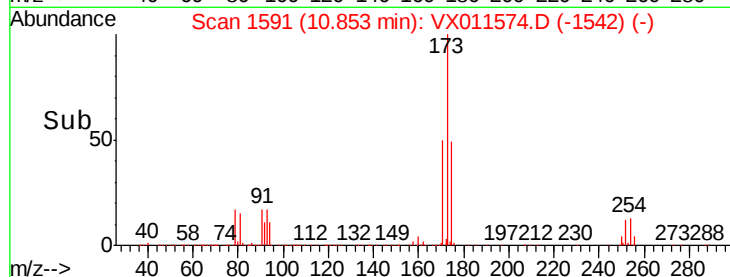
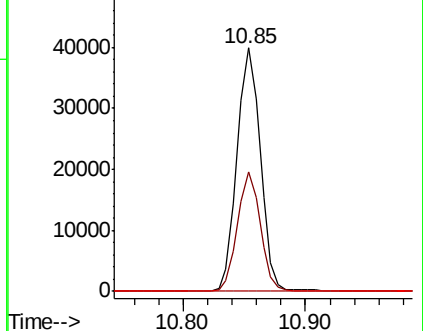
254 0.2 0.1 0.1#



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: 12.07 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX011574.D

Acq: 16 Aug 2019 12:29

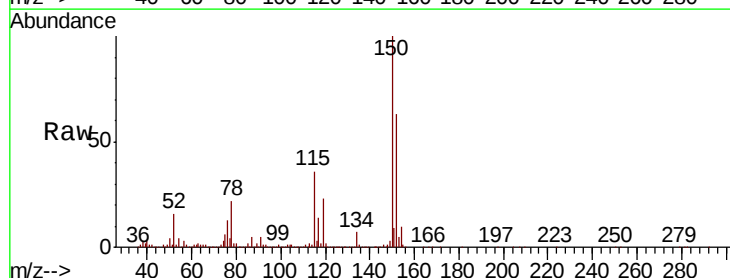
Tgt Ion:152 Resp: 245501

Ion Ratio Lower Upper

152 100

115 62.4 37.3 111.9

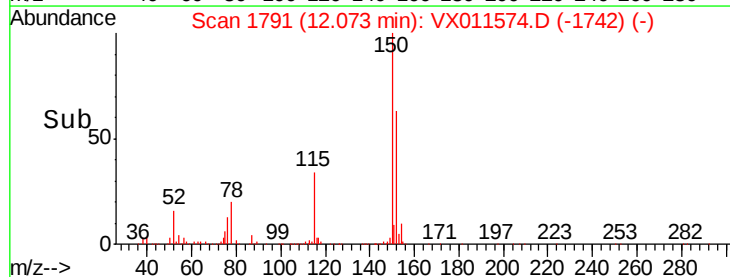
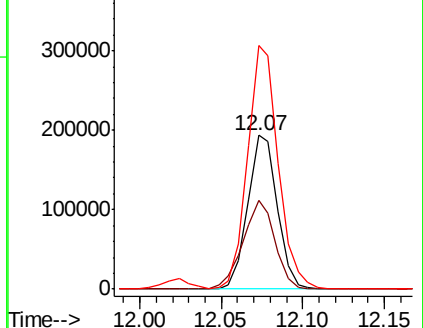
150 164.0 0.0 346.2

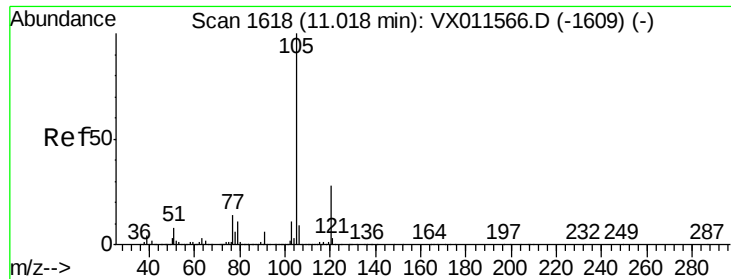


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.690 ug/l

RT: 11.01 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VX011574.D

Acq: 16 Aug 2019 12:29

Instrument :

MSVOA_X

ClientSampleId :

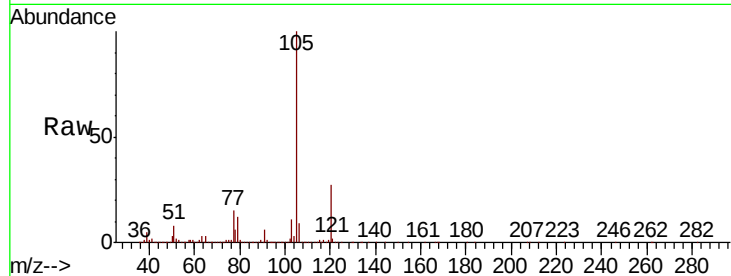
VX0816WBS01

Tgt Ion: 105 Resp: 297733

Ion Ratio Lower Upper

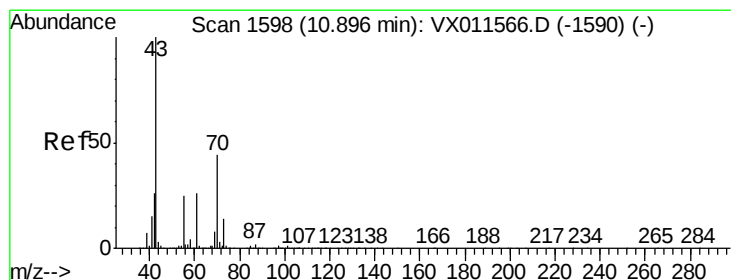
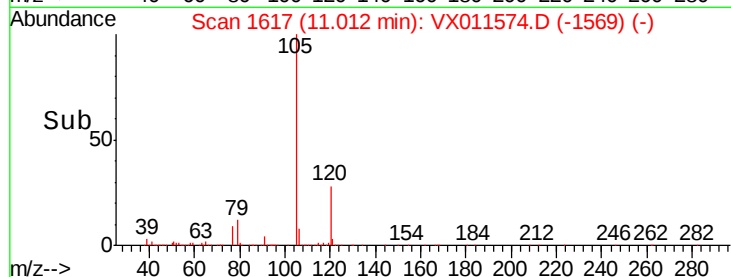
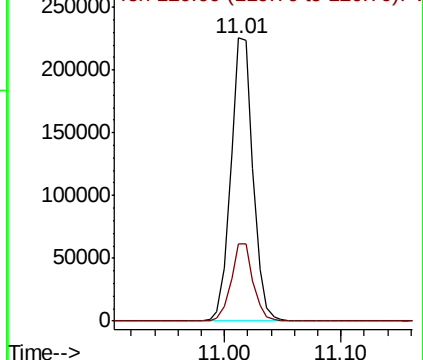
105 100

120 27.2 14.0 41.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.954 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011574.D

Acq: 16 Aug 2019 12:29

Tgt Ion: 43 Resp: 114776

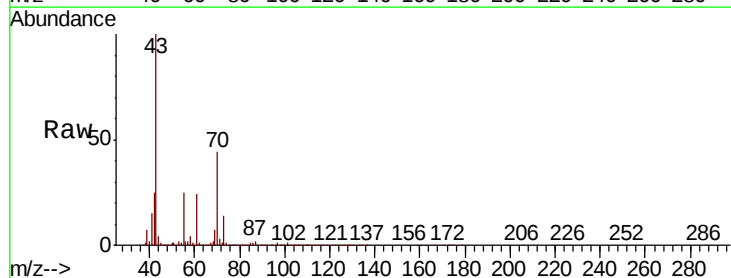
Ion Ratio Lower Upper

43 100

70 43.5 34.7 52.1

55 25.6 19.6 29.4

61 24.3 19.9 29.9

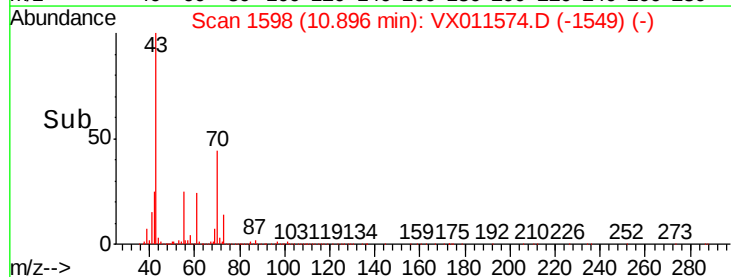
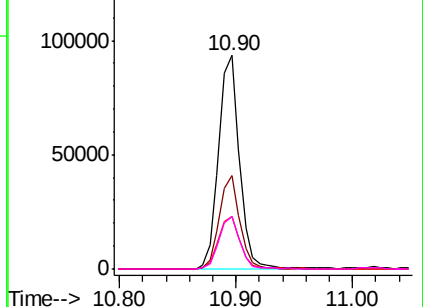


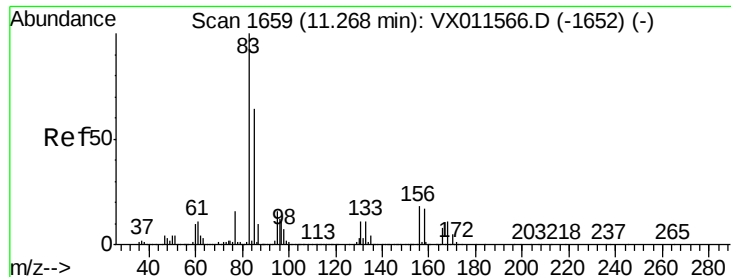
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 17.661 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011574.D

Acq: 16 Aug 2019 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0816WBS01

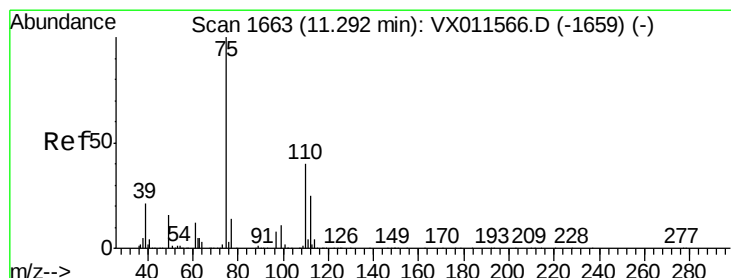
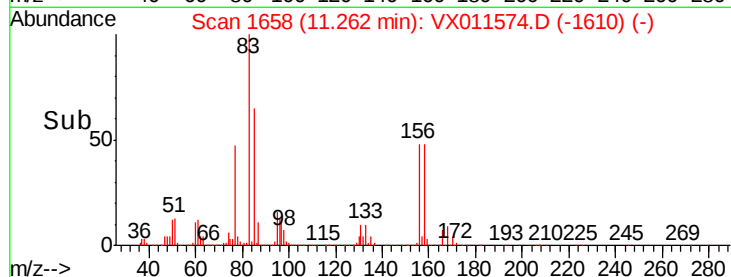
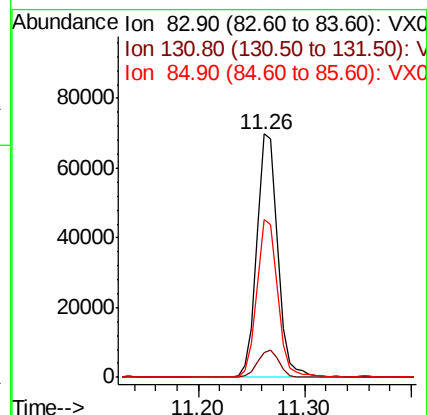
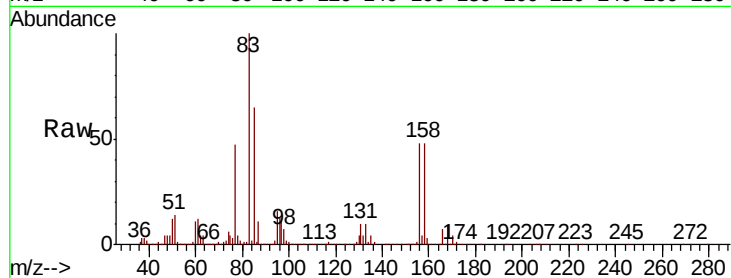
Tgt Ion: 83 Resp: 96784

Ion Ratio Lower Upper

83 100

131 11.7 5.8 17.3

85 64.9 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 21.882 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011574.D

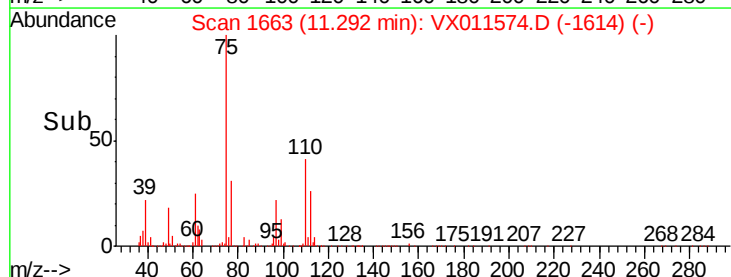
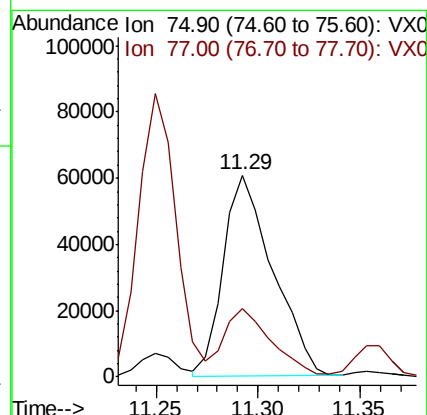
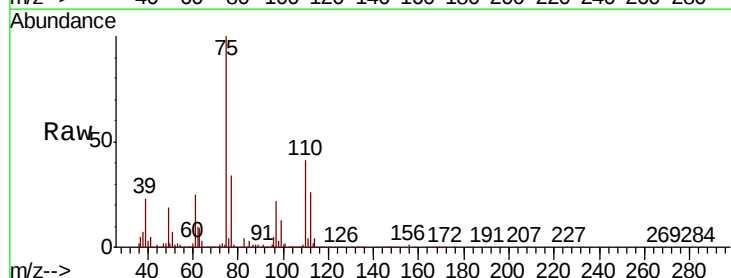
Acq: 16 Aug 2019 12:29

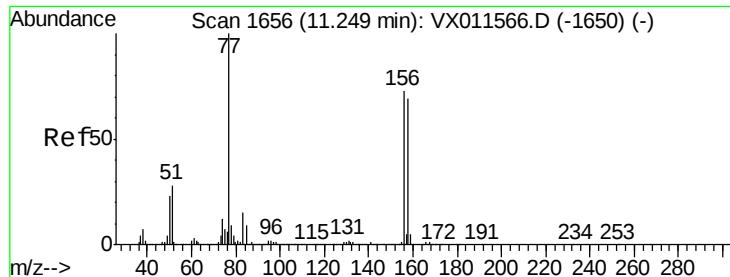
Tgt Ion: 75 Resp: 101865

Ion Ratio Lower Upper

75 100

77 32.6 20.9 62.8





#77

Bromobenzene

Concen: 17.960 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VX011574.D

Acq: 16 Aug 2019 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0816WBS01

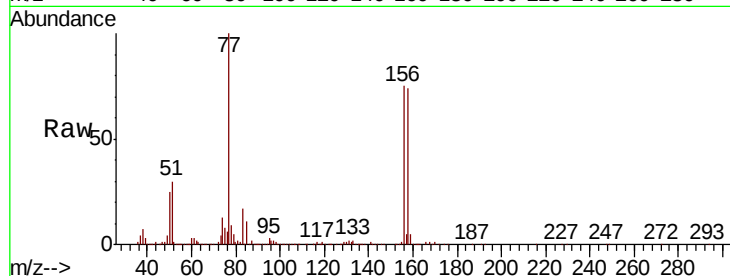
Tgt Ion:156 Resp: 85122

Ion Ratio Lower Upper

156 100

77 128.1 64.6 193.9

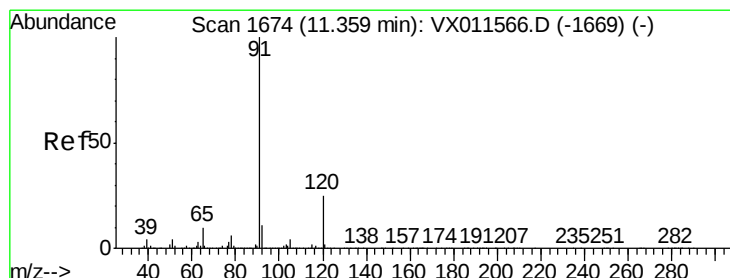
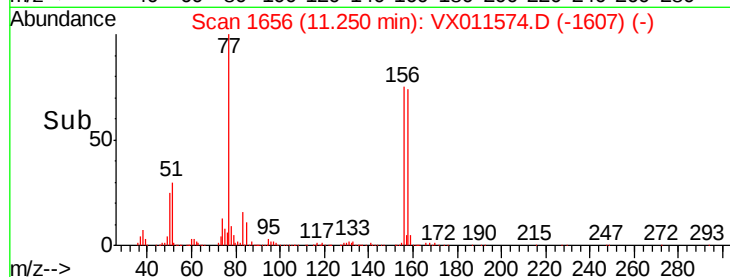
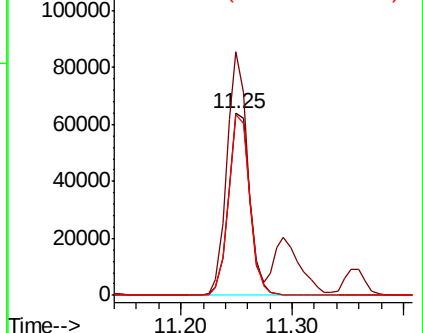
158 98.4 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.655 ug/l

RT: 11.35 min Scan# 1673

Delta R.T. -0.01 min

Lab File: VX011574.D

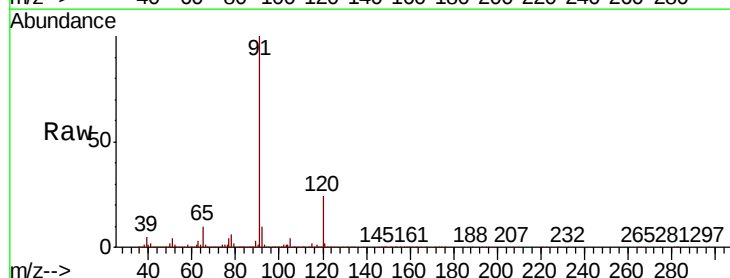
Acq: 16 Aug 2019 12:29

Tgt Ion: 91 Resp: 320449

Ion Ratio Lower Upper

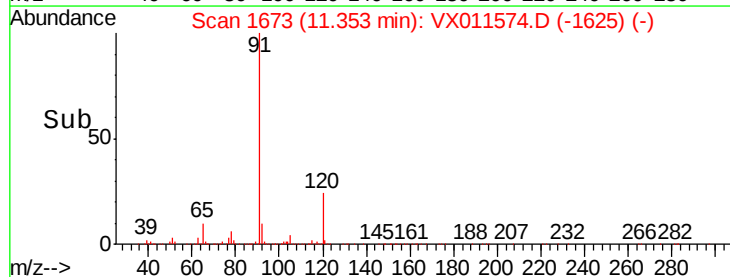
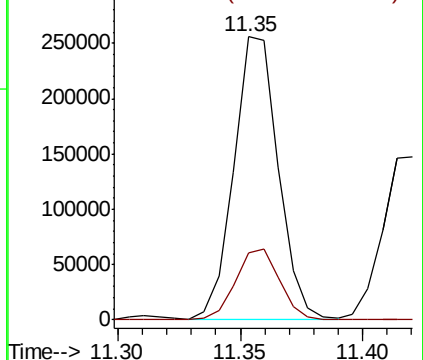
91 100

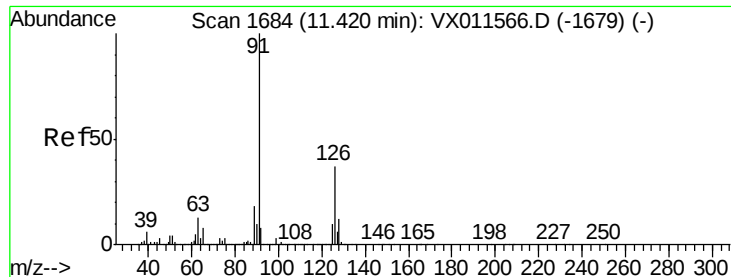
120 25.1 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.346 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011574.D

Acq: 16 Aug 2019 12:29

Instrument :

MSVOA_X

ClientSampleId :

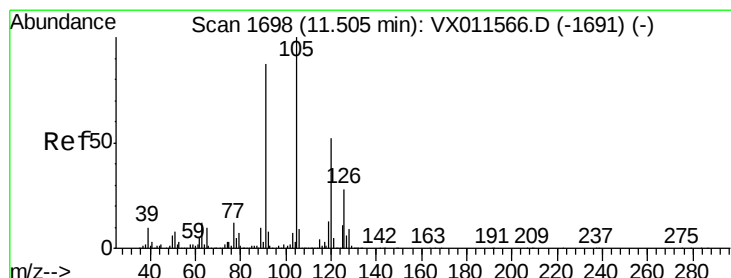
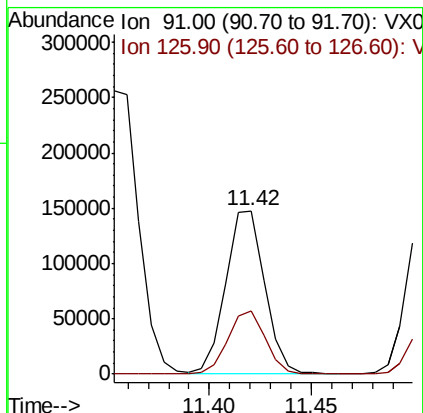
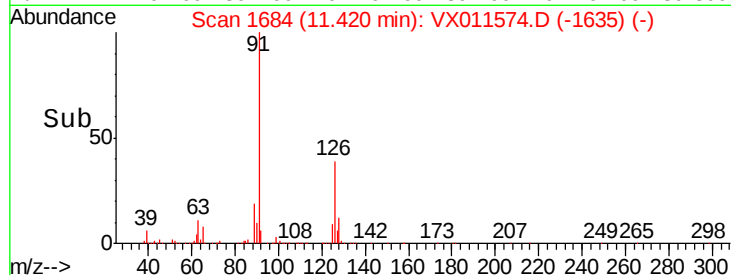
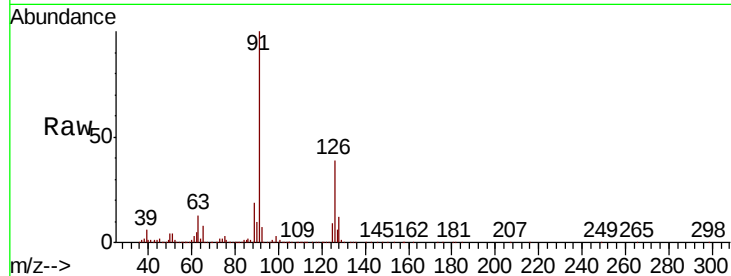
VX0816WBS01

Tgt Ion: 91 Resp: 193514

Ion Ratio Lower Upper

91 100

126 37.7 18.4 55.0



#80

1,3,5-Trimethylbenzene

Concen: 18.844 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011574.D

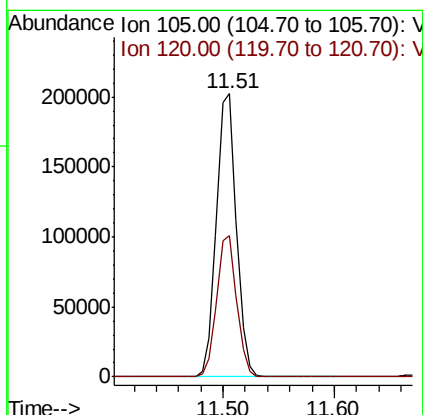
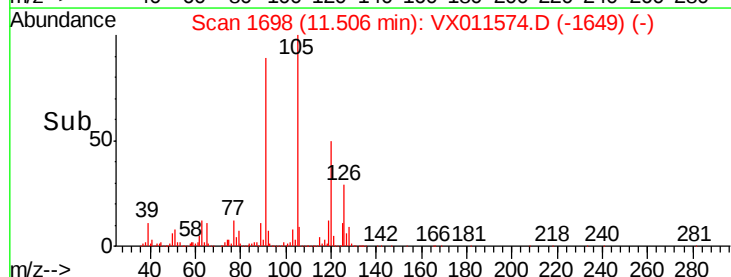
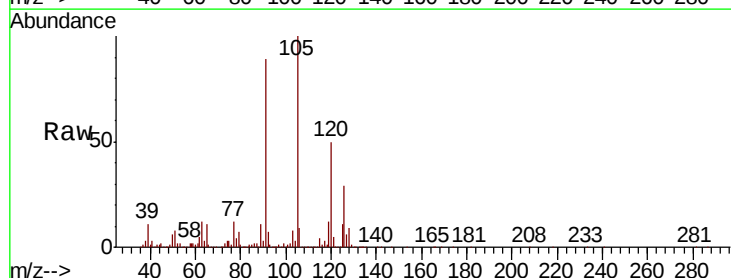
Acq: 16 Aug 2019 12:29

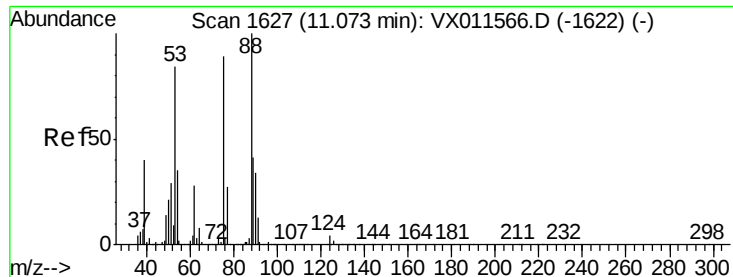
Tgt Ion: 105 Resp: 252170

Ion Ratio Lower Upper

105 100

120 49.7 25.3 75.8

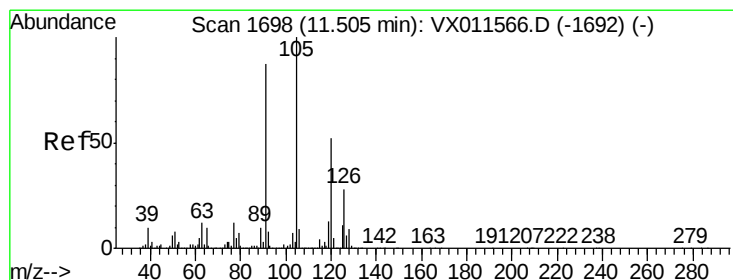
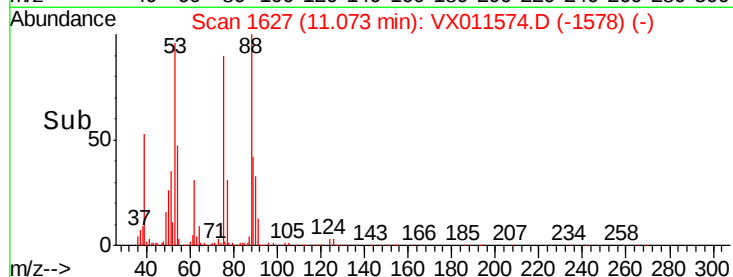
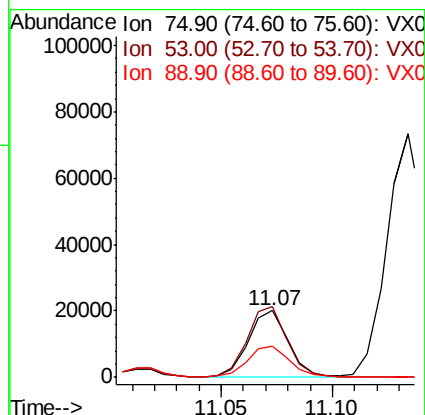
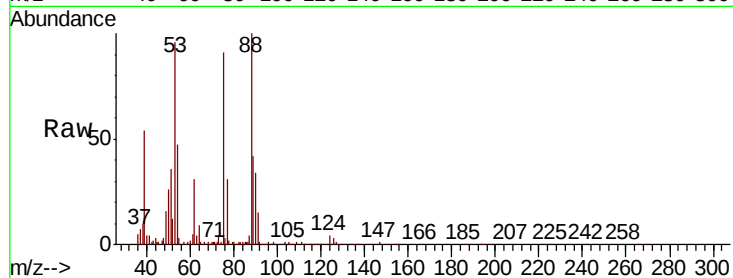




#81
trans-1,4-Dichloro-2-butene
Concen: 17.824 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011574.D
Acq: 16 Aug 2019 12:29

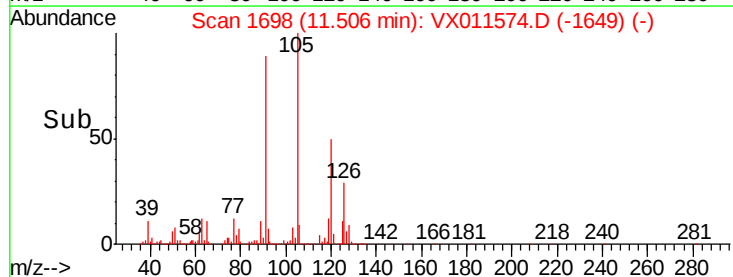
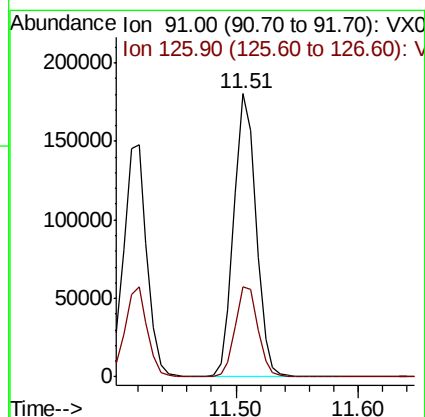
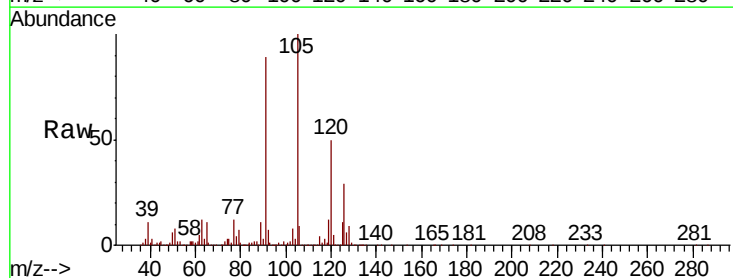
Instrument :
MSVOA_X
ClientSampleId :
VX0816WBS01

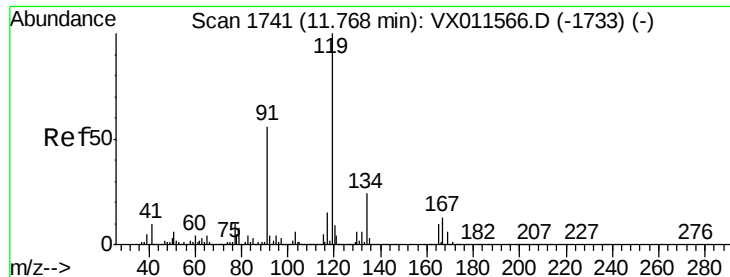
Tgt Ion: 75 Resp: 25181
Ion Ratio Lower Upper
75 100
53 104.2 77.4 116.0
89 49.6 37.3 55.9



#82
4-Chlorotoluene
Concen: 18.423 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011574.D
Acq: 16 Aug 2019 12:29

Tgt Ion: 91 Resp: 225450
Ion Ratio Lower Upper
91 100
126 32.8 16.4 49.1

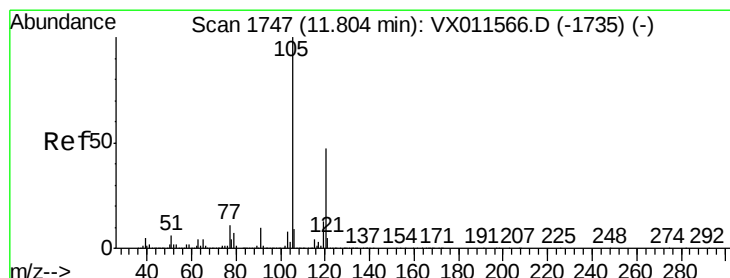
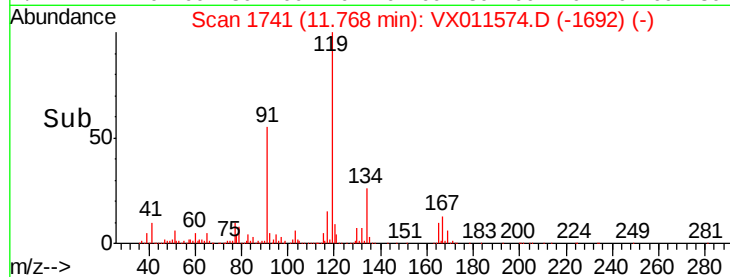
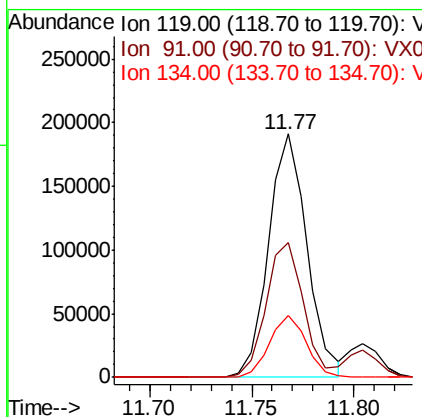
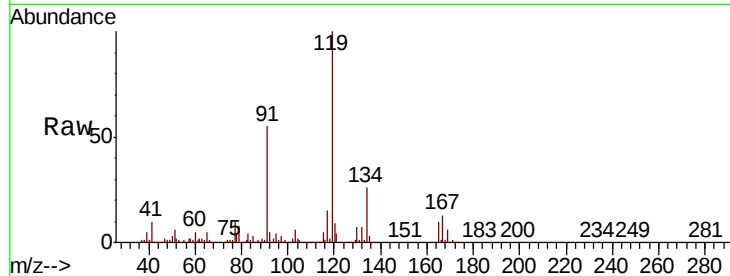




#83
 tert-Butylbenzene
 Concen: 18.449 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011574.D
 Acq: 16 Aug 2019 12:29

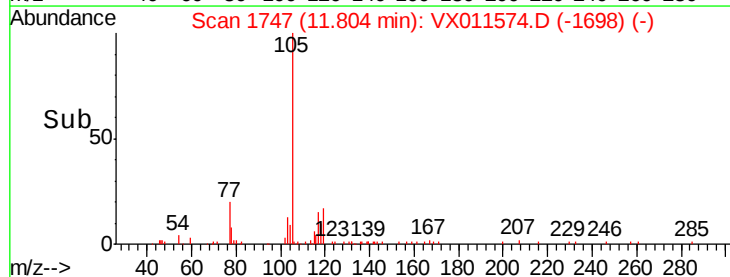
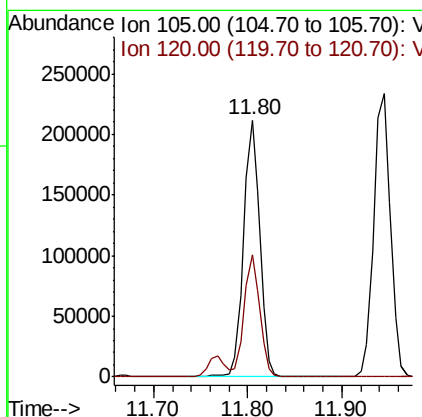
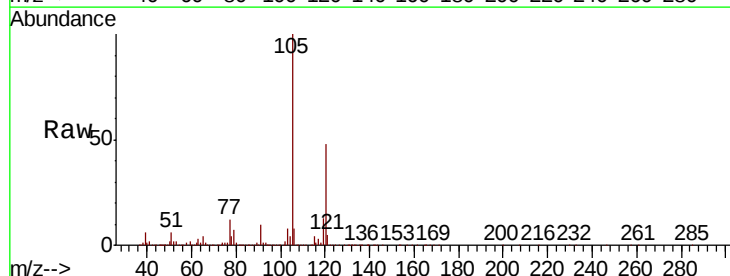
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0816WBS01

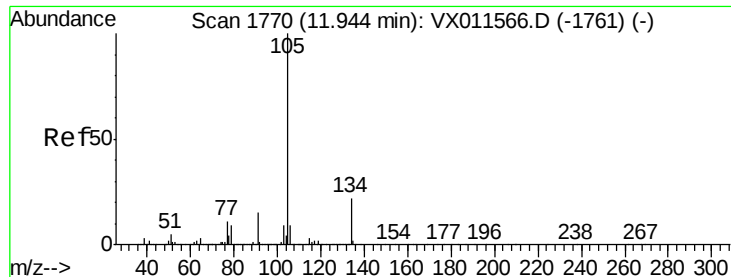
Tgt Ion	Ratio	Lower	Upper
119	100		
91	54.7	27.1	81.3
134	24.3	11.8	35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 18.931 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011574.D
 Acq: 16 Aug 2019 12:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.3	69.9





#85

sec-Butylbenzene

Concen: 18.692 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011574.D

Acq: 16 Aug 2019 12:29

Instrument :

MSVOA_X

ClientSampleId :

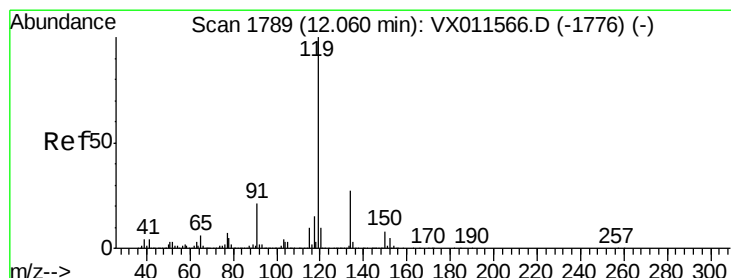
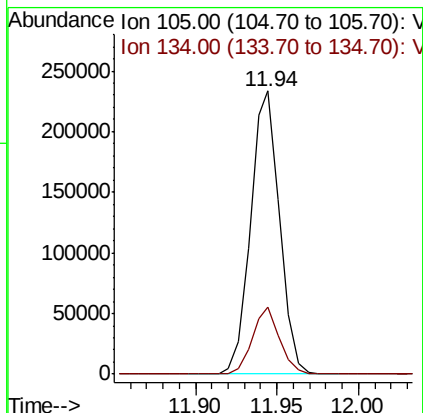
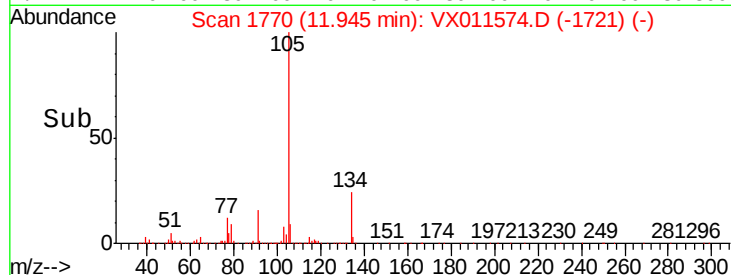
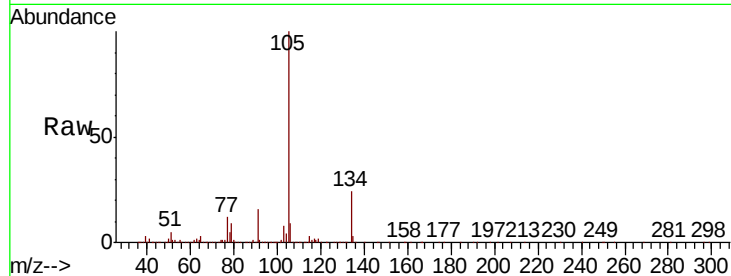
VX0816WBS01

Tgt Ion:105 Resp: 287420

Ion Ratio Lower Upper

105 100

134 22.3 10.8 32.4



#86

p-Isopropyltoluene

Concen: 19.288 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011574.D

Acq: 16 Aug 2019 12:29

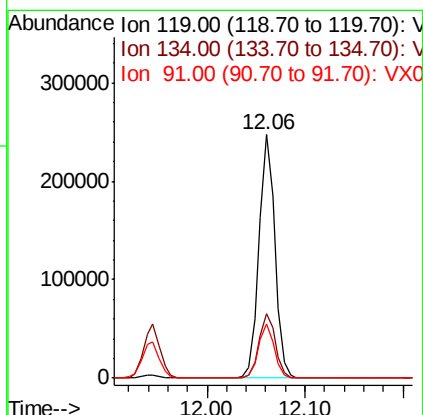
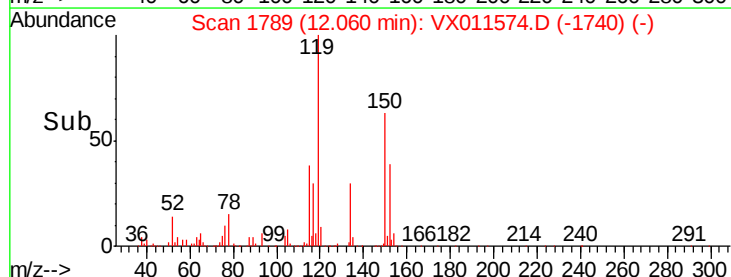
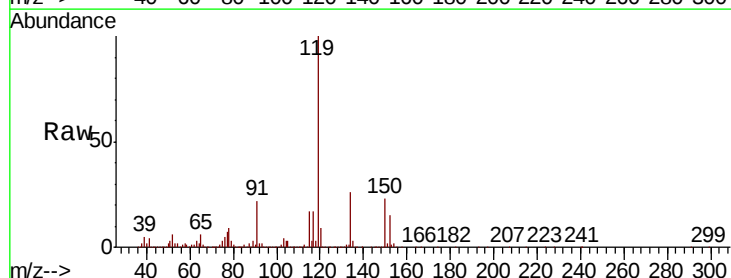
Tgt Ion:119 Resp: 279027

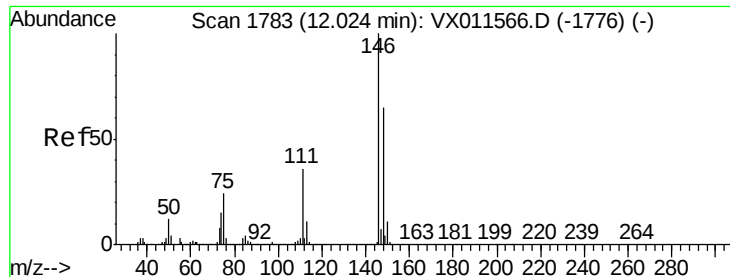
Ion Ratio Lower Upper

119 100

134 26.8 13.6 40.8

91 22.0 10.9 32.9

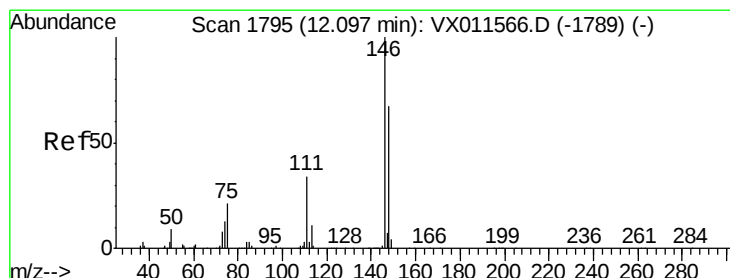
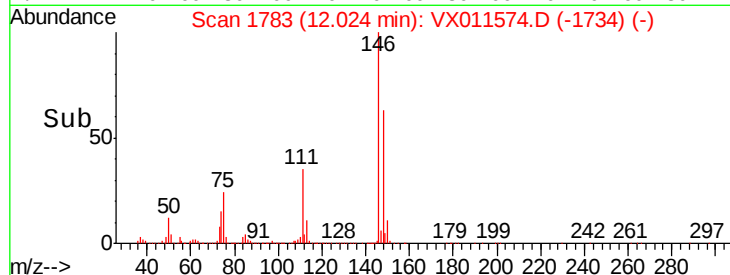
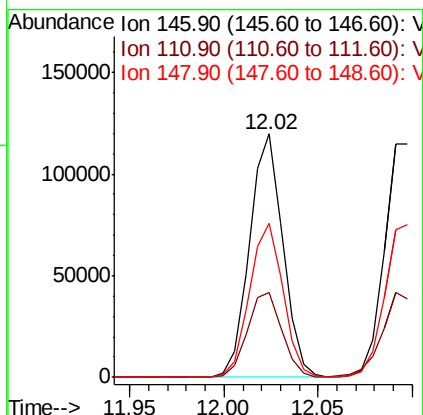
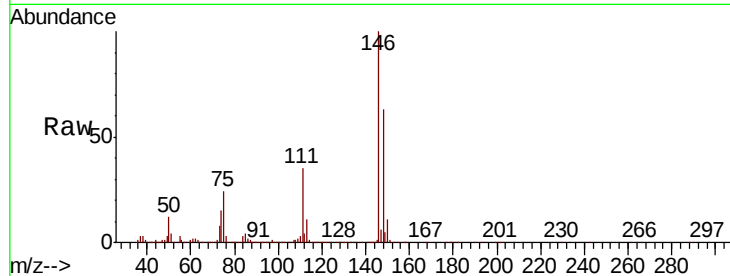




#87
 1,3-Dichlorobenzene
 Concen: 18.058 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011574.D
 Acq: 16 Aug 2019 12:29

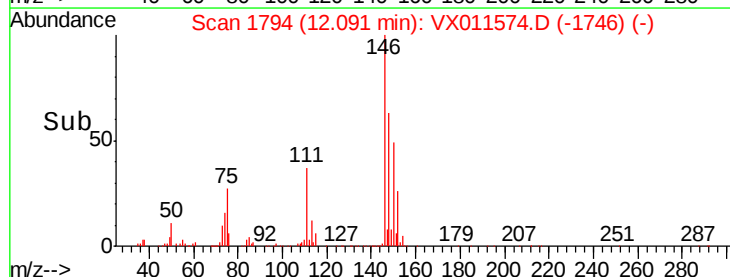
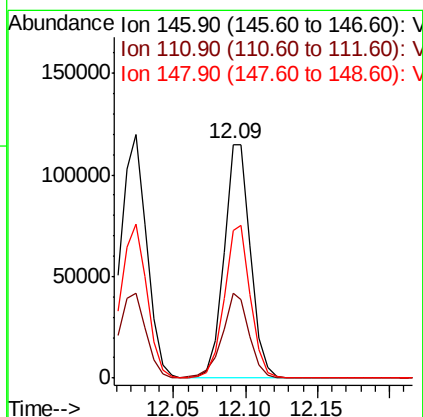
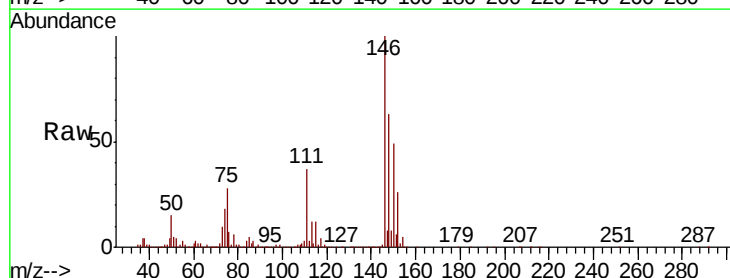
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0816WBS01

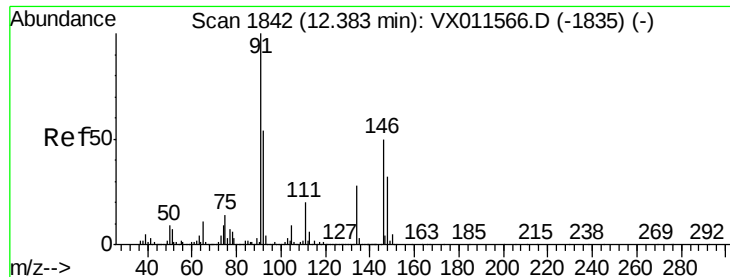
Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.1	54.4
148	63.8	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 17.946 ug/l
 RT: 12.09 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: VX011574.D
 Acq: 16 Aug 2019 12:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	17.9	53.7
148	64.6	32.5	97.5

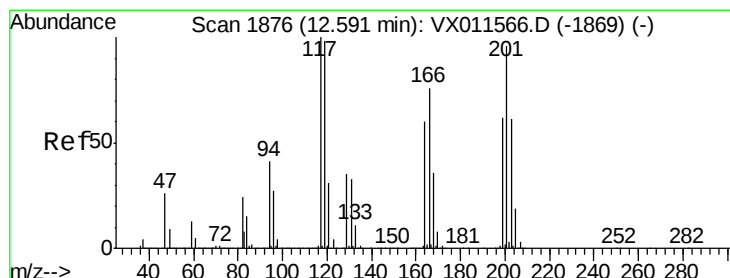
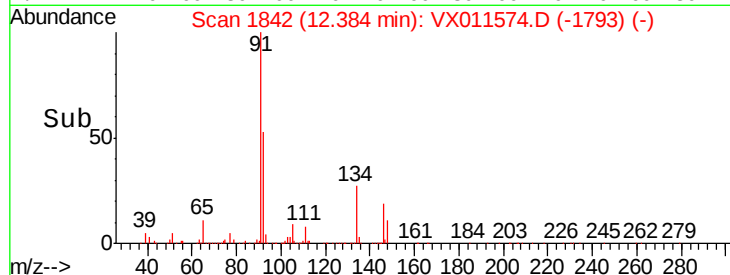
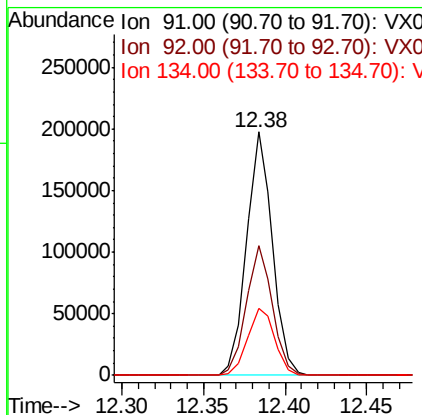
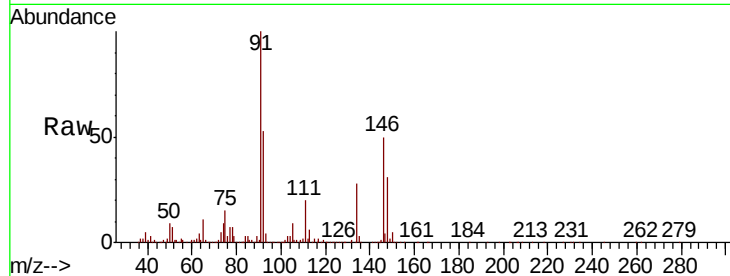




#89
n-Butylbenzene
Concen: 18.382 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011574.D
Acq: 16 Aug 2019 12:29

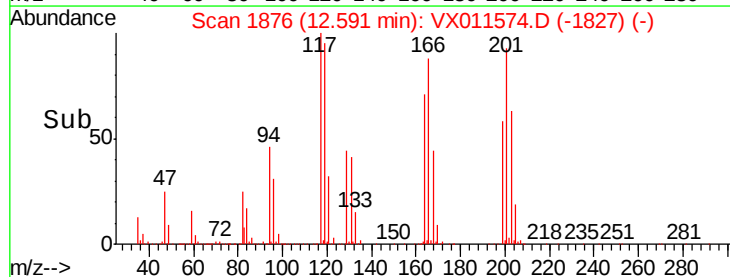
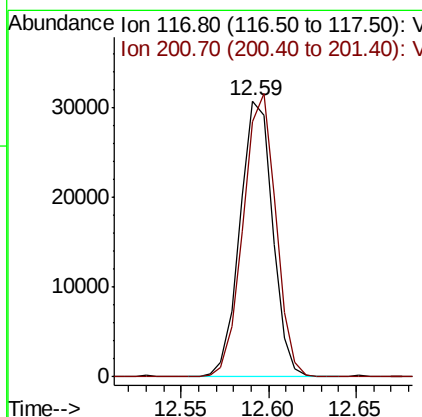
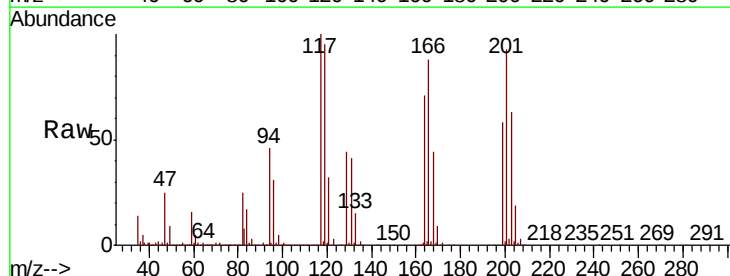
Instrument :
MSVOA_X
ClientSampled :
VX0816WBS01

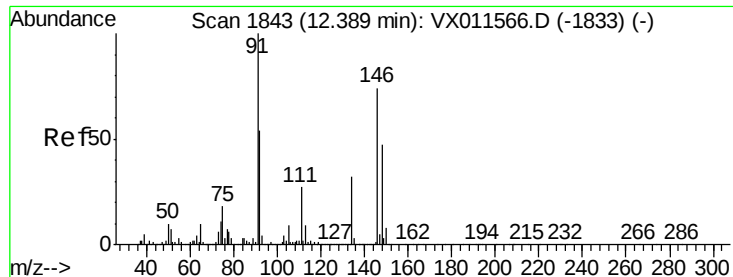
Tgt Ion: 91 Resp: 218622
Ion Ratio Lower Upper
91 100
92 53.4 26.8 80.3
134 29.1 14.6 44.0



#90
Hexachloroethane
Concen: 17.615 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX011574.D
Acq: 16 Aug 2019 12:29

Tgt Ion: 117 Resp: 40240
Ion Ratio Lower Upper
117 100
201 102.4 51.9 155.7





#91

1,2-Dichlorobenzene

Concen: 18.090 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX011574.D

Acq: 16 Aug 2019 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0816WBS01

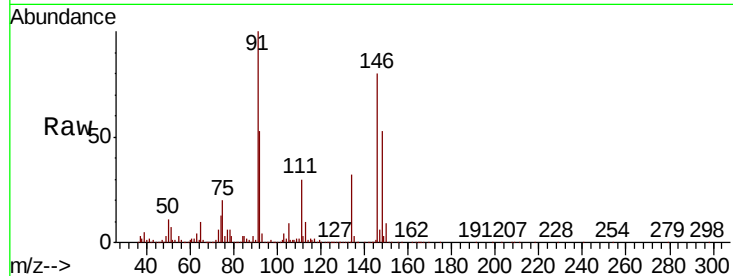
Tgt Ion:146 Resp: 147938

Ion Ratio Lower Upper

146 100

111 37.8 18.9 56.7

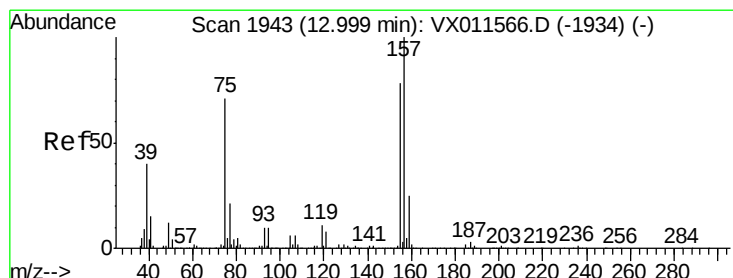
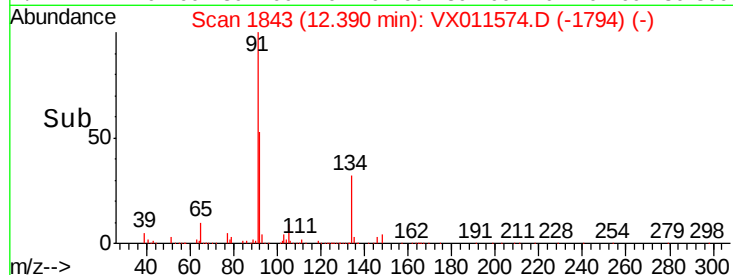
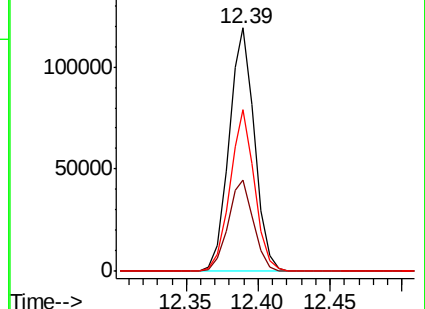
148 64.3 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.187 ug/l

RT: 12.99 min Scan# 1942

Delta R.T. -0.01 min

Lab File: VX011574.D

Acq: 16 Aug 2019 12:29

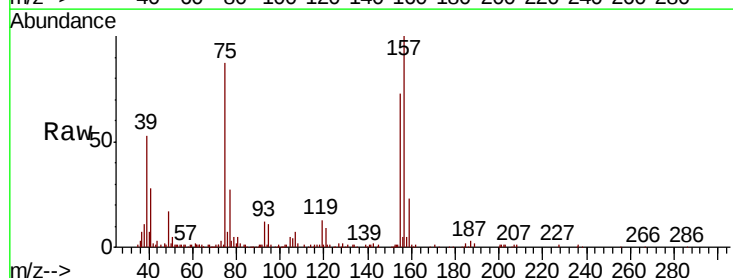
Tgt Ion: 75 Resp: 20294

Ion Ratio Lower Upper

75 100

155 104.9 53.0 159.0

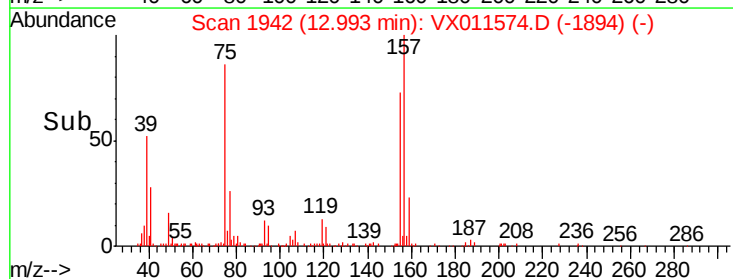
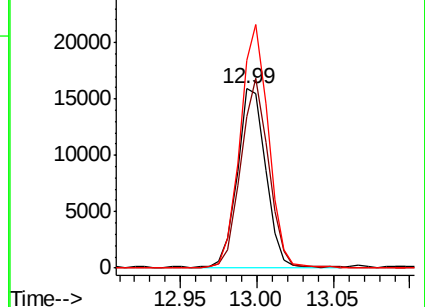
157 136.8 68.3 205.1

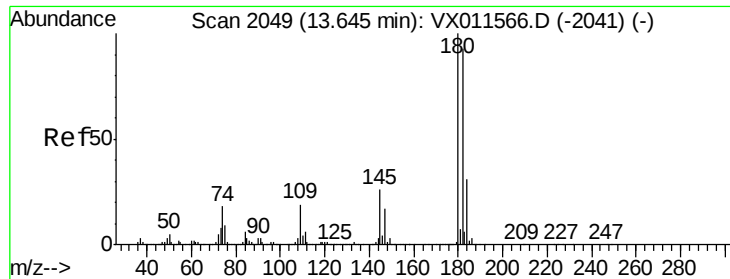


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

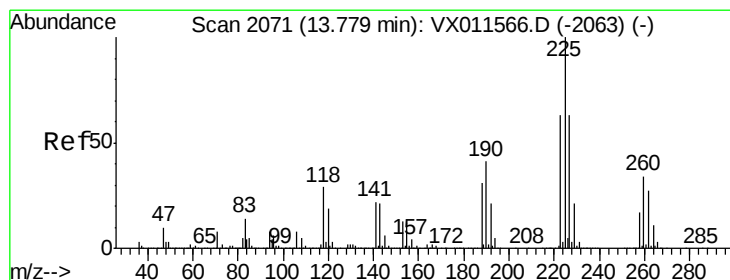
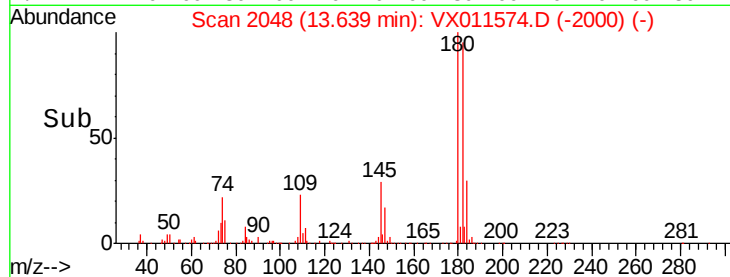
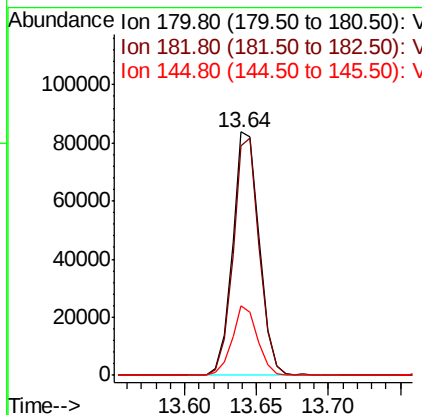
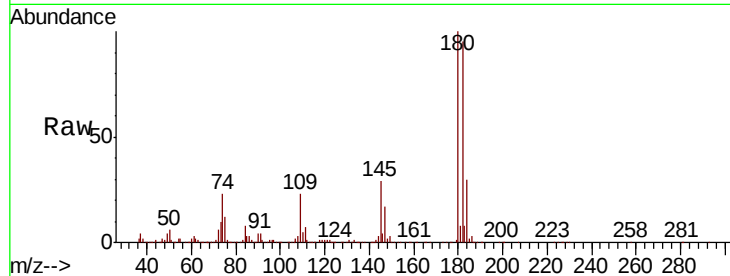




#93
 1,2,4-Trichlorobenzene
 Concen: 17.786 ug/l
 RT: 13.64 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: VX011574.D
 Acq: 16 Aug 2019 12:29

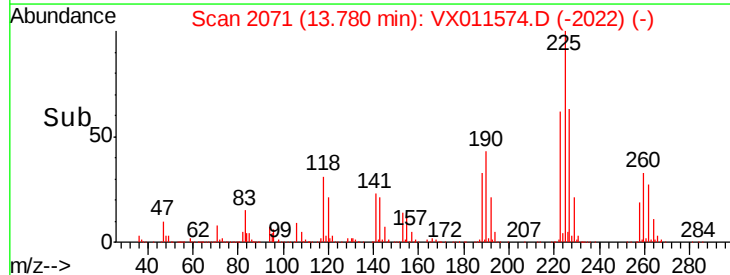
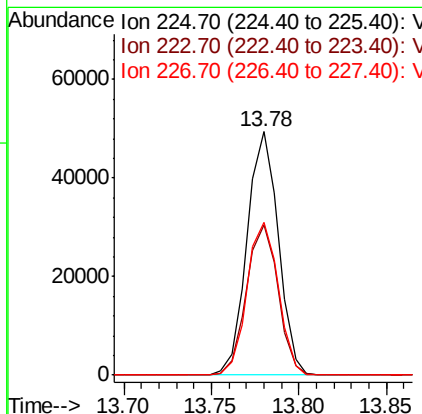
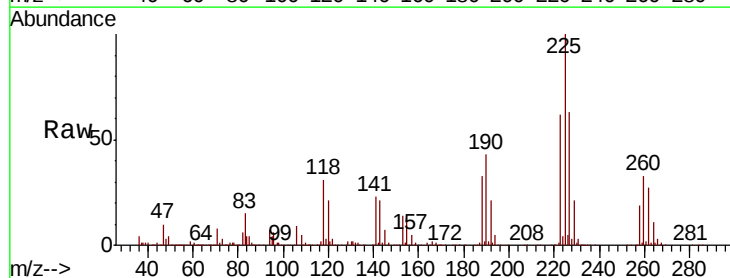
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0816WBS01

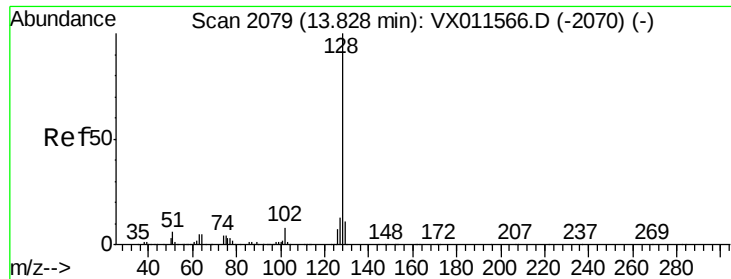
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.3	142.0
145	27.4	13.6	40.8



#94
 Hexachlorobutadiene
 Concen: 18.534 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011574.D
 Acq: 16 Aug 2019 12:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.4	94.0
227	63.0	31.2	93.6





#95

Naphthalene

Concen: 17.479 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VX011574.D

Acq: 16 Aug 2019 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0816WBS01

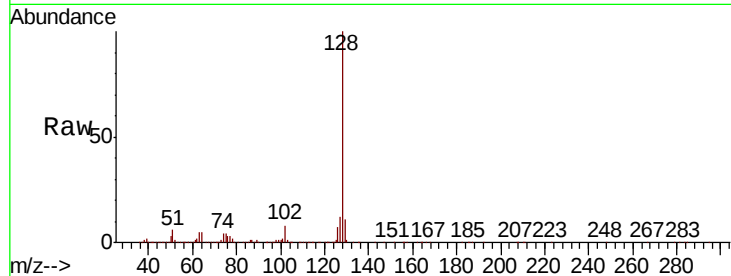
Tgt Ion:128 Resp: 301084

Ion Ratio Lower Upper

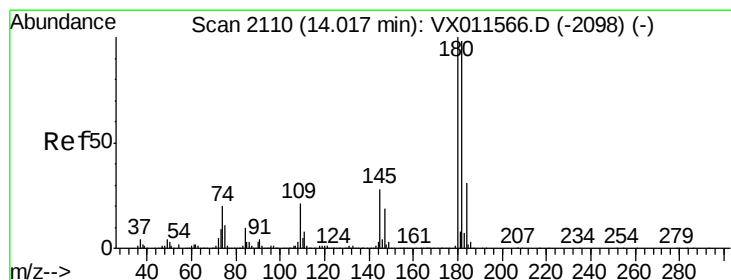
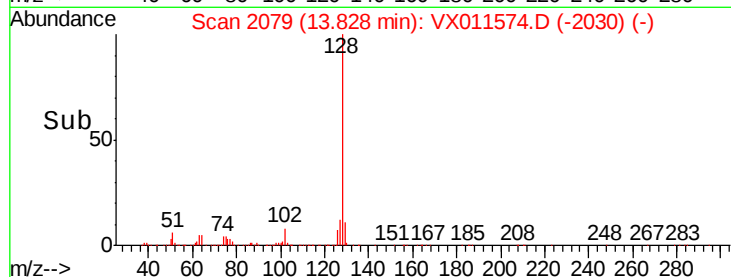
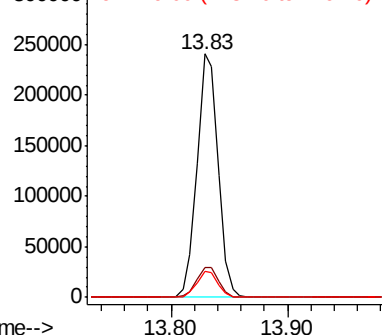
128 100

127 13.0 10.3 15.5

129 10.9 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 17.671 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

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Acq: 16 Aug 2019 12:29

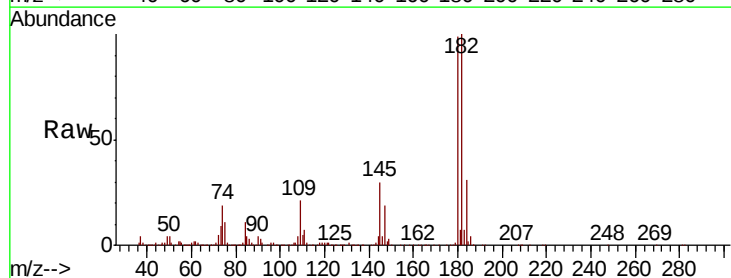
Tgt Ion:180 Resp: 108604

Ion Ratio Lower Upper

180 100

182 97.7 48.0 144.0

145 29.8 14.6 43.8



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

