

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080619\
 Data File : VX011345.D
 Acq On : 06 Aug 2019 11:54
 Operator : JC/SP
 Sample : VX0806WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0806WBS01

Quant Time: Aug 07 01:12:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	153794	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	227099	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	210612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	109992	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	80763	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	
35) Dibromofluoromethane	5.49	113	72925	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
50) Toluene-d8	8.71	98	273125	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	
62) 4-Bromofluorobenzene	11.13	95	96784	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	21591	18.177 ug/l	99
3) Chloromethane	1.32	50	24070	18.045 ug/l	99
4) Vinyl Chloride	1.40	62	26745	18.228 ug/l	97
5) Bromomethane	1.63	94	20146	19.252 ug/l	100
6) Chloroethane	1.71	64	18792	19.067 ug/l	100
7) Trichlorofluoromethane	1.92	101	48502	18.591 ug/l	98
8) Diethyl Ether	2.18	74	16866	18.105 ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	25450	18.029 ug/l	97
10) Methyl Iodide	2.50	142	29526	16.591 ug/l	97
11) Tert butyl alcohol	3.03	59	29755	96.358 ug/l	99
12) 1,1-Dichloroethene	2.37	96	24769	17.701 ug/l	87
13) Acrolein	2.29	56	12983	67.335 ug/l	96
14) Allyl chloride	2.72	41	35782	19.182 ug/l	98
15) Acrylonitrile	3.14	53	71602	97.154 ug/l	100
16) Acetone	2.43	43	62757	85.130 ug/l	98
17) Carbon Disulfide	2.56	76	56860	17.316 ug/l	98
18) Methyl Acetate	2.76	43	32638	19.373 ug/l	99
19) Methyl tert-butyl Ether	3.18	73	75380	18.280 ug/l	93
20) Methylene Chloride	2.85	84	28117	17.415 ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	26792	18.100 ug/l	91
22) Diisopropyl ether	3.85	45	76113	18.565 ug/l	98
23) Vinyl Acetate	3.81	43	327361	96.269 ug/l	98
24) 1,1-Dichloroethane	3.69	63	44669	18.477 ug/l	99
25) 2-Butanone	4.67	43	98242	93.684 ug/l	98
26) 2,2-Dichloropropane	4.58	77	34524	18.371 ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	30139	17.678 ug/l	97
28) Bromochloromethane	5.01	49	23033	20.899 ug/l	# 97
29) Tetrahydrofuran	5.12	42	60105	93.478 ug/l	100
30) Chloroform	5.20	83	48781	18.565 ug/l	95
31) Cyclohexane	5.57	56	35231	17.664 ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	41153	18.283 ug/l	96
36) 1,1-Dichloropropene	5.79	75	34422	17.360 ug/l	100
37) Ethyl Acetate	4.83	43	35010	17.603 ug/l	98
38) Carbon Tetrachloride	5.77	117	36821	18.458 ug/l	96

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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0806WBS01

Quant Time: Aug 07 01:12:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	39232	16.693	ug/l	95
40) Benzene	6.13	78	108248	18.295	ug/l	99
41) Methacrylonitrile	5.04	41	19169	17.648	ug/l	98
42) 1,2-Dichloroethane	6.19	62	38382	19.184	ug/l	99
43) Isopropyl Acetate	6.44	43	58426	18.374	ug/l	99
44) Trichloroethene	7.21	130	31627	17.660	ug/l	97
45) 1,2-Dichloropropane	7.51	63	27135	17.708	ug/l	98
46) Dibromomethane	7.66	93	20513	18.338	ug/l	94
47) Bromodichloromethane	7.90	83	35161	18.565	ug/l	96
48) Methyl methacrylate	7.76	41	27395	18.307	ug/l	99
49) 1,4-Dioxane	7.74	88	14909	343.659	ug/l #	89
51) 4-Methyl-2-Pentanone	8.63	43	193179	94.137	ug/l	100
52) Toluene	8.78	92	70085	17.915	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	34450	17.571	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	40239	18.188	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	29301	18.217	ug/l	99
56) Ethyl methacrylate	9.18	69	41522	18.115	ug/l	99
57) 1,3-Dichloropropane	9.37	76	46255	18.184	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	107781	95.634	ug/l	99
59) 2-Hexanone	9.49	43	149515	94.065	ug/l	97
60) Dibromochloromethane	9.58	129	29321	17.805	ug/l	100
61) 1,2-Dibromoethane	9.67	107	31204	17.956	ug/l	99
64) Tetrachloroethene	9.34	164	30898	17.275	ug/l	97
65) Chlorobenzene	10.13	112	79514	17.608	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	28788	18.621	ug/l	99
67) Ethyl Benzene	10.25	91	133400	17.639	ug/l	99
68) m/p-Xylenes	10.36	106	103633	35.427	ug/l	98
69) o-Xylene	10.69	106	50030	17.407	ug/l	99
70) Styrene	10.71	104	85357	17.948	ug/l	98
71) Bromoform	10.85	173	20809	17.036	ug/l #	98
73) Isopropylbenzene	11.02	105	134858	17.927	ug/l	100
74) N-amyl acetate	10.90	43	50373	18.532	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	45293	18.067	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	46965	23.446	ug/l	86
77) Bromobenzene	11.25	156	37424	17.941	ug/l	99
78) n-propylbenzene	11.36	91	149087	17.821	ug/l	99
79) 2-Chlorotoluene	11.42	91	89399	17.929	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	113626	18.044	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	11773	18.801	ug/l	93
82) 4-Chlorotoluene	11.51	91	103541	17.818	ug/l	99
83) tert-Butylbenzene	11.77	119	108883	17.629	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	113839	18.157	ug/l	99
85) sec-Butylbenzene	11.94	105	132061	17.797	ug/l	100
86) p-Isopropyltoluene	12.06	119	121284	17.766	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	66841	18.135	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	64863	17.066	ug/l	96
89) n-Butylbenzene	12.38	91	99034	16.839	ug/l	99
90) Hexachloroethane	12.59	117	17990	17.825	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	67485	18.223	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	9155	18.849	ug/l	96

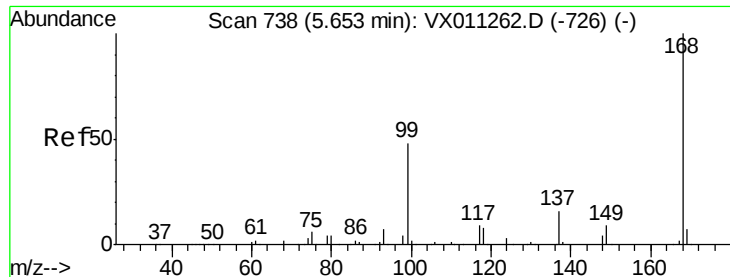
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080619\
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Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	42295	17.221	ug/l	99
94) Hexachlorobutadiene	13.78	225	22337	17.926	ug/l	100
95) Naphthalene	13.83	128	128150	17.843	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	44140	17.678	ug/l	99

(#) = 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: VX011345.D

Acq: 06 Aug 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

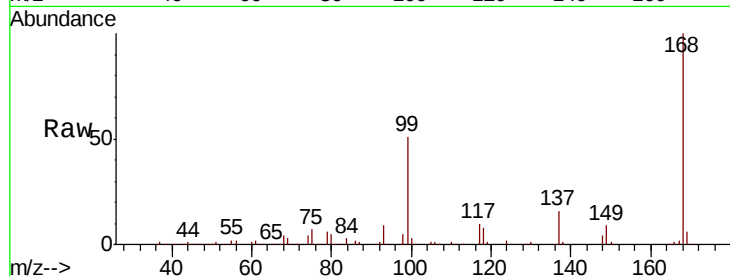
VX0806WBS01

Tgt Ion:168 Resp: 153794

Ion Ratio Lower Upper

168 100

99 51.4 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

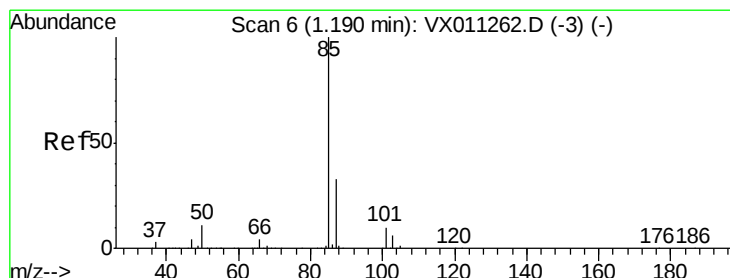
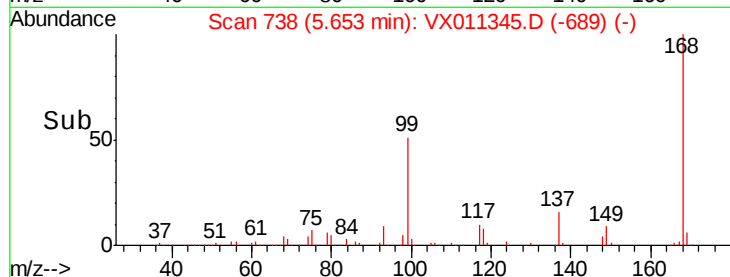
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.177 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.00 min

Lab File: VX011345.D

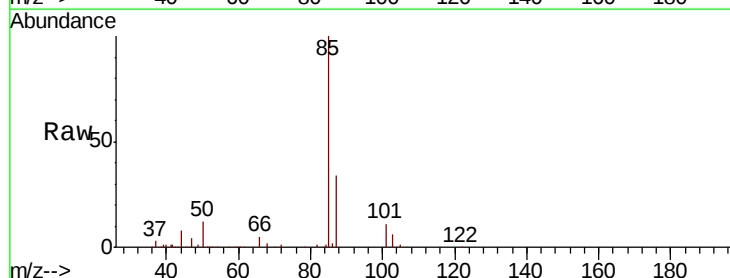
Acq: 06 Aug 2019 11:54

Tgt Ion: 85 Resp: 21591

Ion Ratio Lower Upper

85 100

87 33.5 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

25000

20000

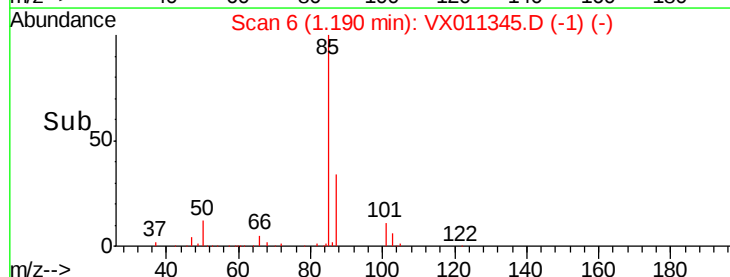
15000

10000

5000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 18.045 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Instrument :

MSVOA_X

ClientSampled :

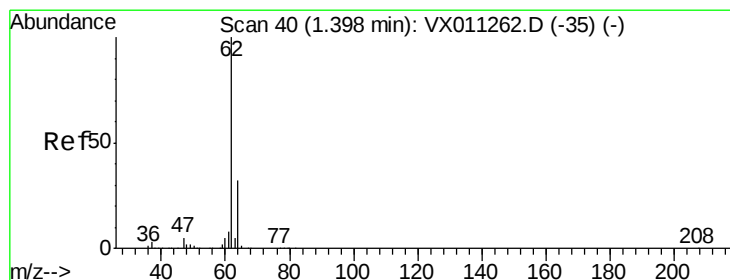
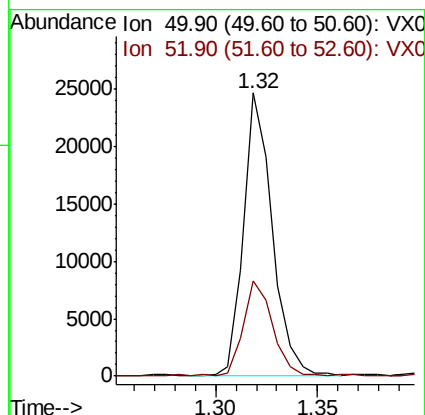
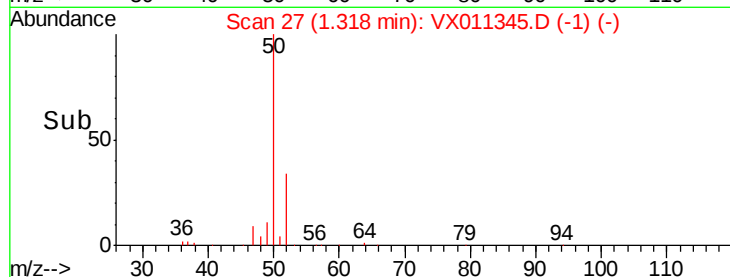
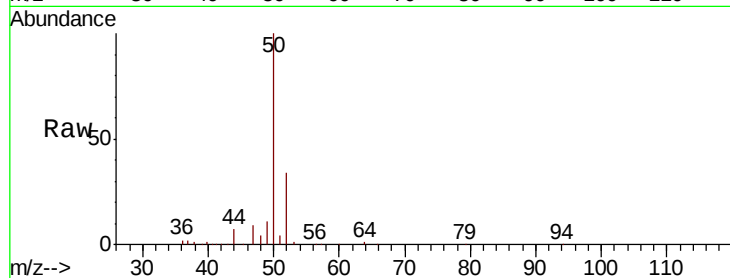
VX0806WBS01

Tgt Ion: 50 Resp: 24070

Ion Ratio Lower Upper

50 100

52 33.5 26.4 39.6



#4

Vinyl Chloride

Concen: 18.228 ug/l

RT: 1.40 min Scan# 40

Delta R.T. -0.00 min

Lab File: VX011345.D

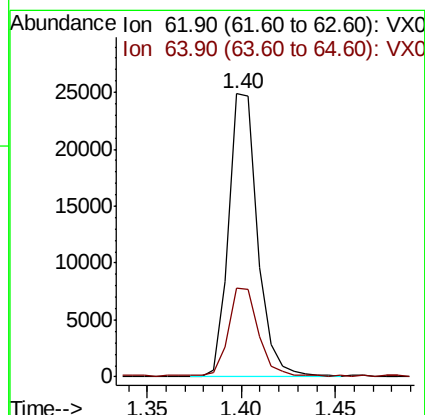
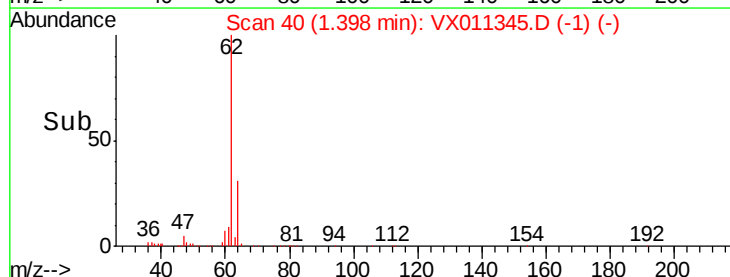
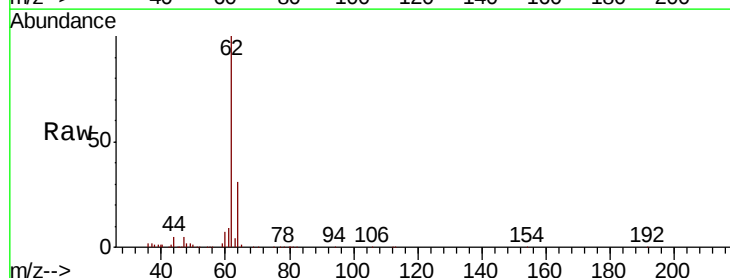
Acq: 06 Aug 2019 11:54

Tgt Ion: 62 Resp: 26745

Ion Ratio Lower Upper

62 100

64 31.0 26.0 39.0





#5

Bromomethane

Concen: 19.252 ug/l

RT: 1.63 min Scan# 78

Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

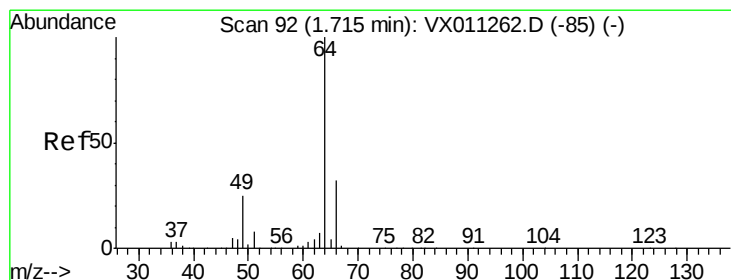
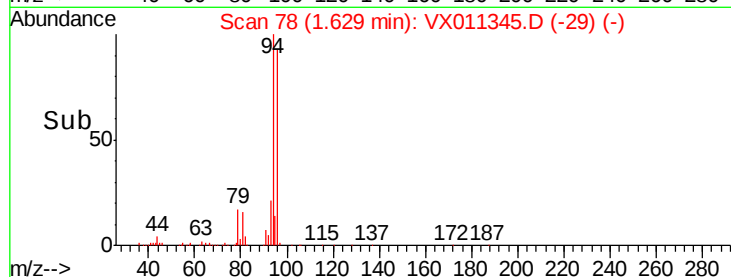
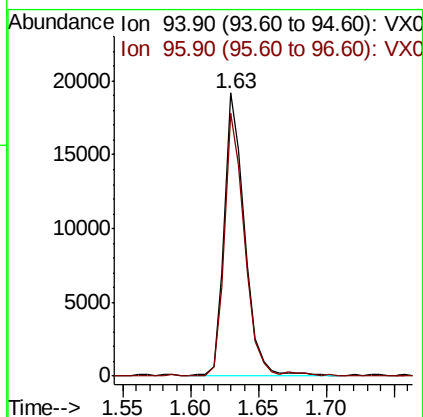
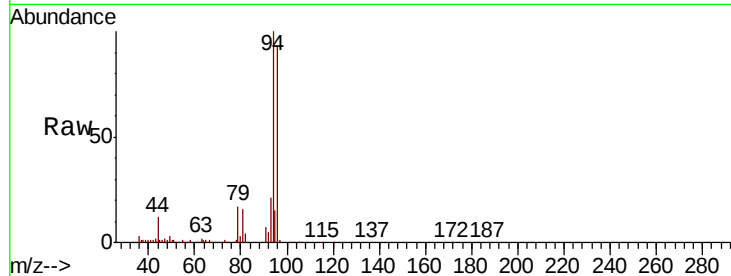
VX0806WBS01

Tgt Ion: 94 Resp: 20146

Ion Ratio Lower Upper

94 100

96 92.9 74.6 112.0



#6

Chloroethane

Concen: 19.067 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011345.D

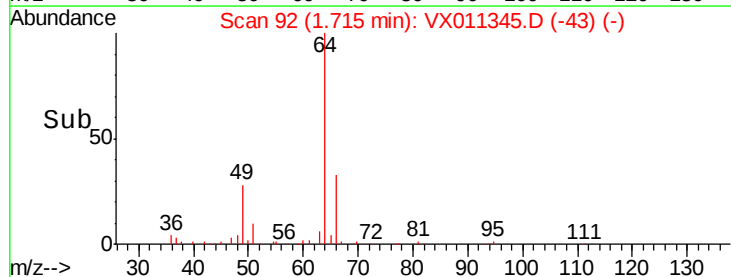
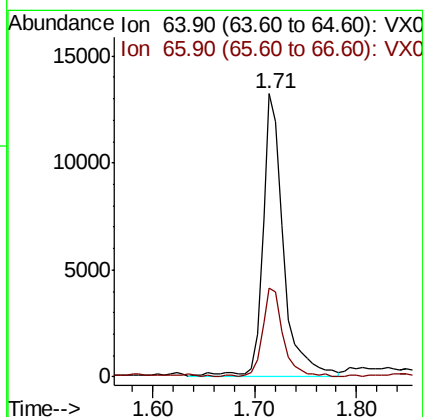
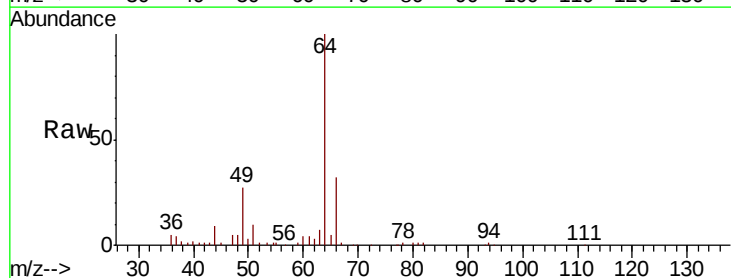
Acq: 06 Aug 2019 11:54

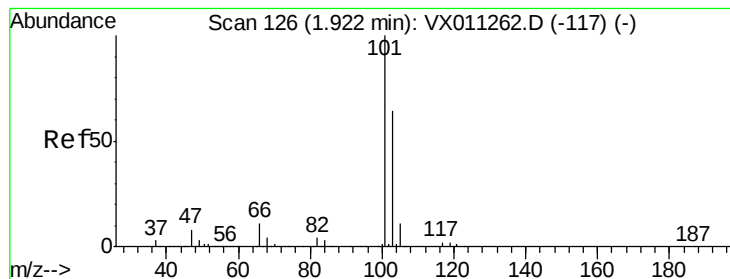
Tgt Ion: 64 Resp: 18792

Ion Ratio Lower Upper

64 100

66 31.6 25.1 37.7



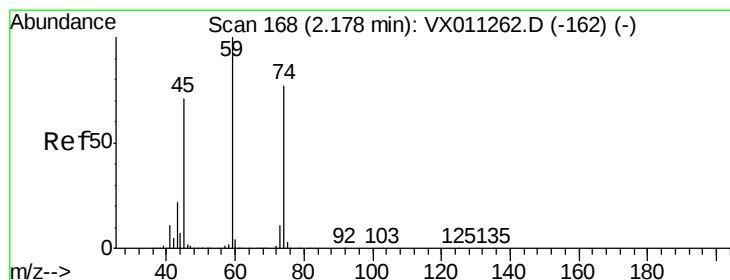
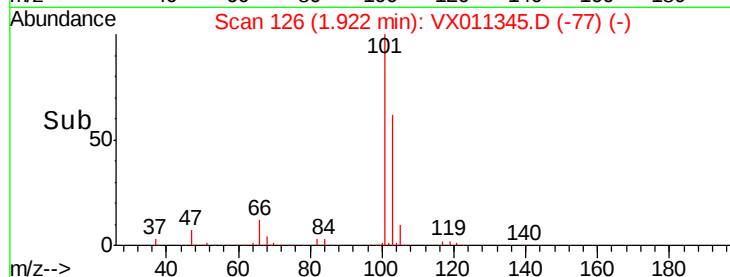
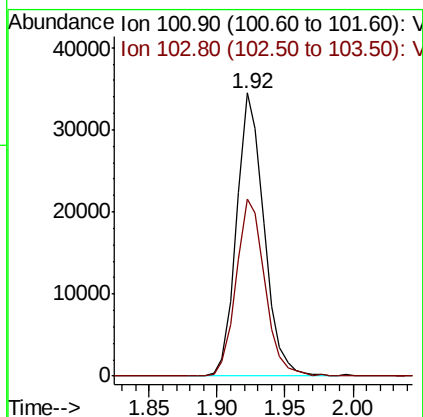
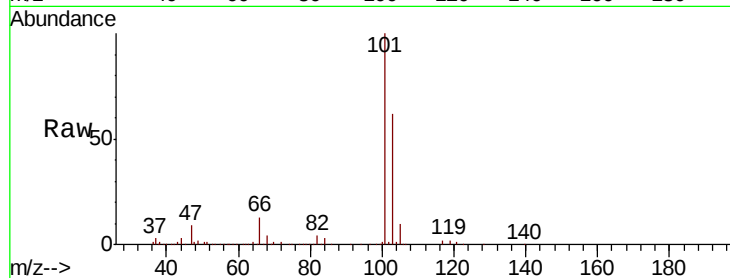


#7

Trichlorofluoromethane
 Concen: 18.591 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX011345.D
 Acq: 06 Aug 2019 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0806WBS01

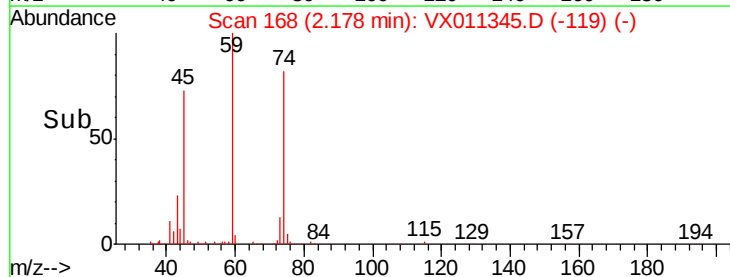
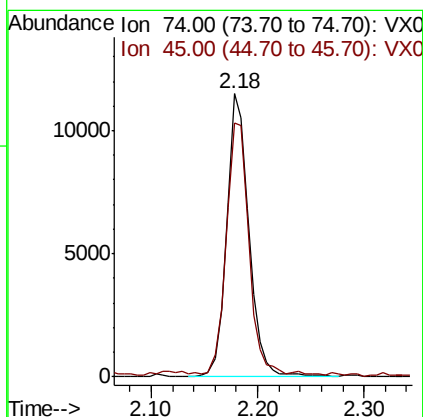
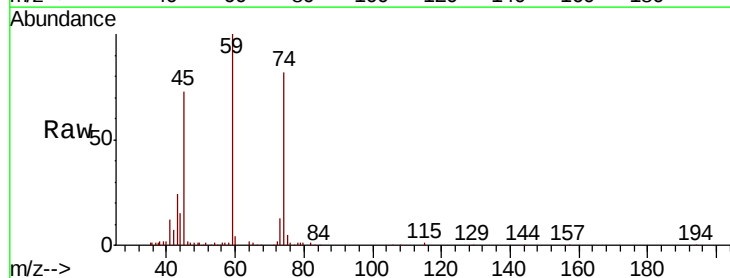
Tgt Ion: 101 Resp: 48502
 Ion Ratio Lower Upper
 101 100
 103 62.4 50.9 76.3

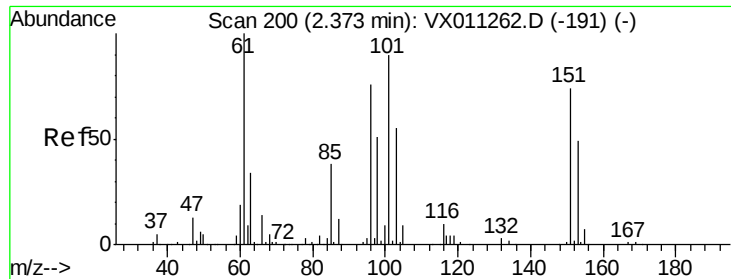


#8

Diethyl Ether
 Concen: 18.105 ug/l
 RT: 2.18 min Scan# 168
 Delta R.T. -0.00 min
 Lab File: VX011345.D
 Acq: 06 Aug 2019 11:54

Tgt Ion: 74 Resp: 16866
 Ion Ratio Lower Upper
 74 100
 45 90.6 46.1 138.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.029 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX0806WBS01

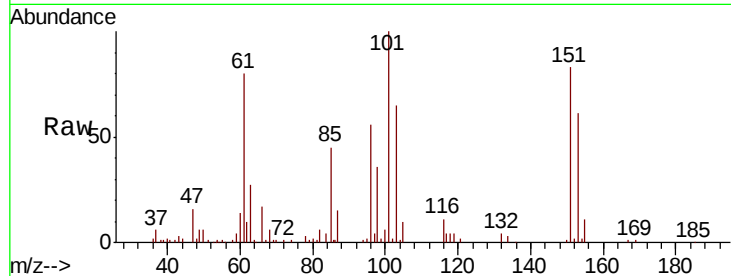
Tgt Ion:101 Resp: 25450

Ion Ratio Lower Upper

101 100

85 44.3 33.8 50.6

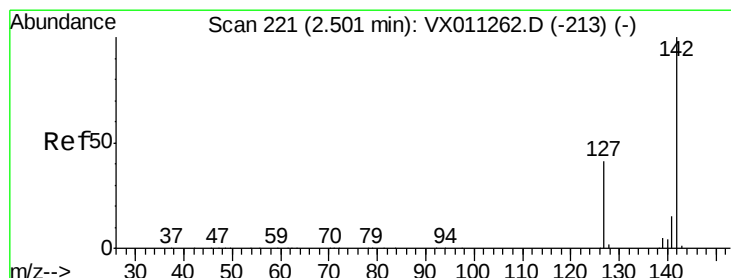
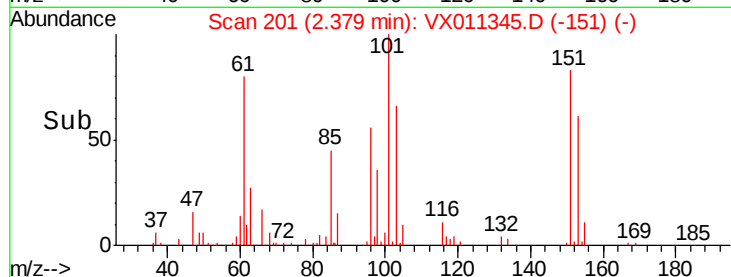
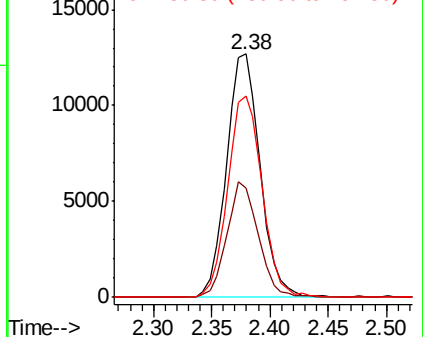
151 84.4 69.5 104.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.591 ug/l

RT: 2.50 min Scan# 221

Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

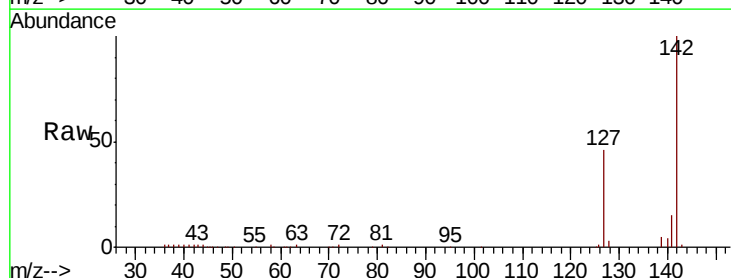
Tgt Ion:142 Resp: 29526

Ion Ratio Lower Upper

142 100

127 44.9 33.8 50.8

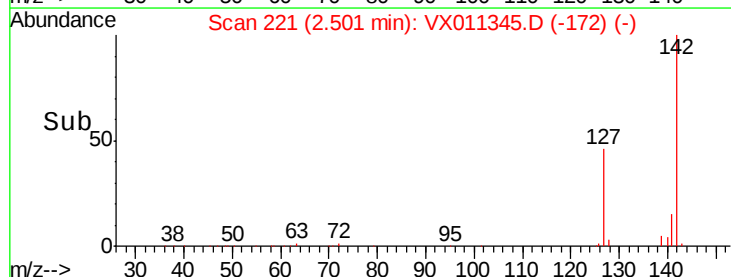
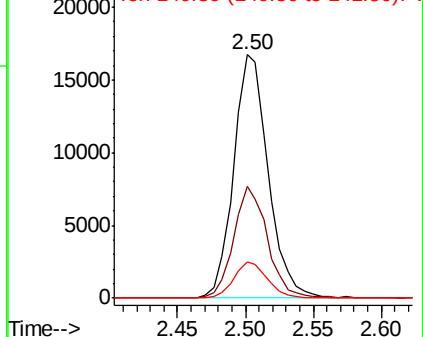
141 14.4 11.4 17.2

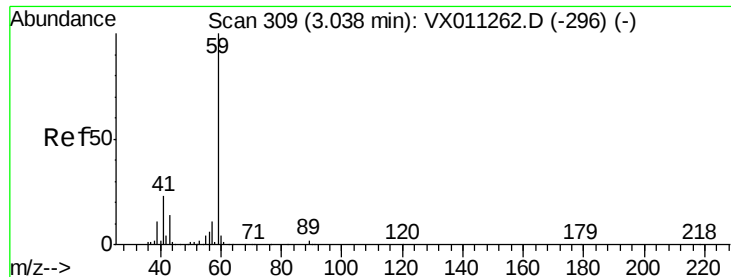


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

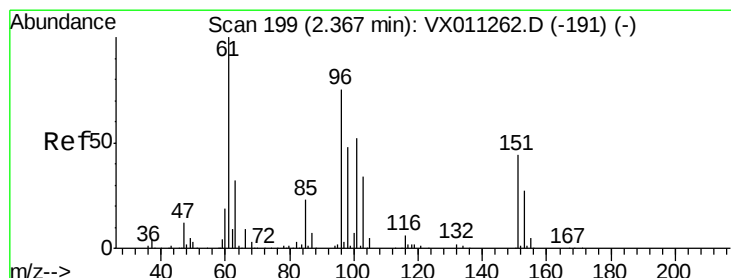
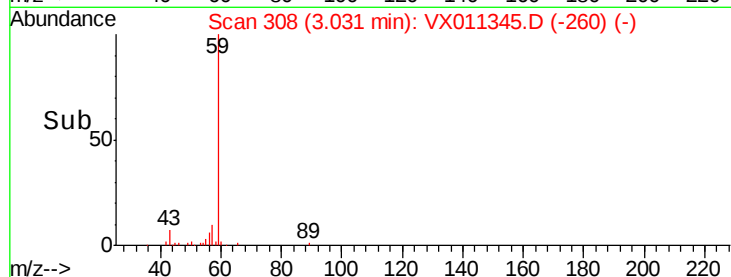
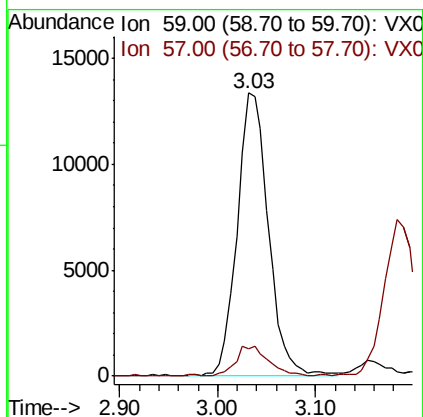
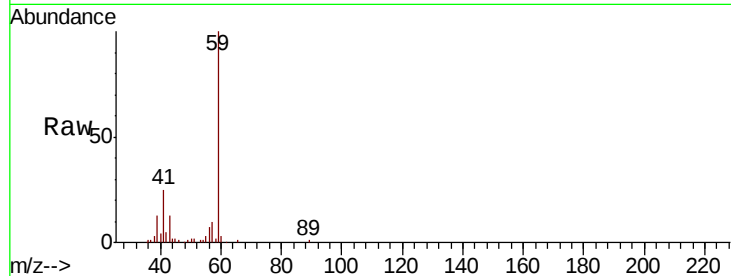




#11
Tert butyl alcohol
Concen: 96.358 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.01 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

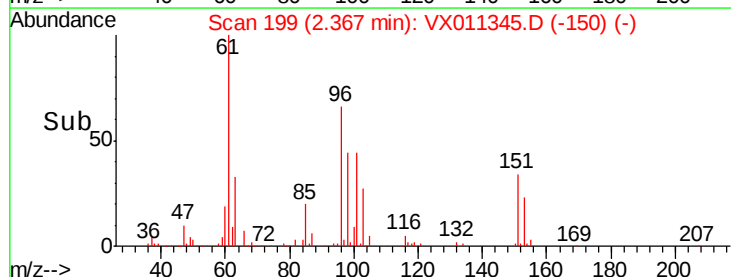
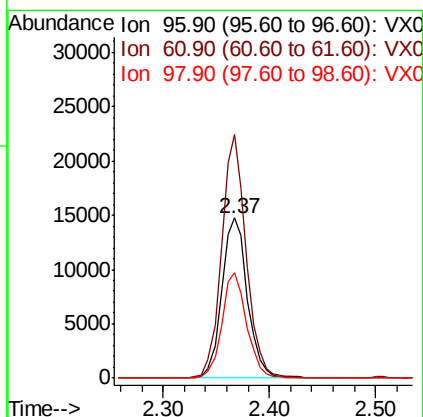
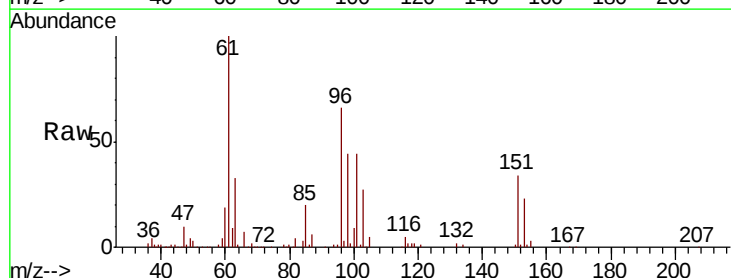
Instrument :
MSVOA_X
ClientSampled :
VX0806WBS01

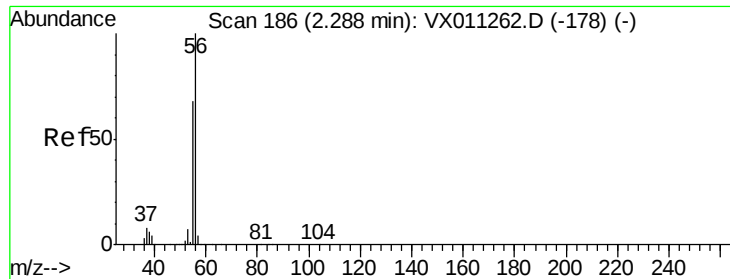
Tgt Ion: 59 Resp: 29755
Ion Ratio Lower Upper
59 100
57 10.9 8.3 12.5



#12
1,1-Dichloroethene
Concen: 17.701 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

Tgt Ion: 96 Resp: 24769
Ion Ratio Lower Upper
96 100
61 152.3 106.2 159.2
98 66.3 50.6 75.8





#13

Acrolein

Concen: 67.335 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

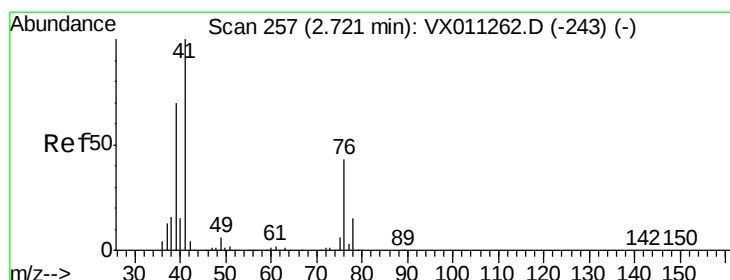
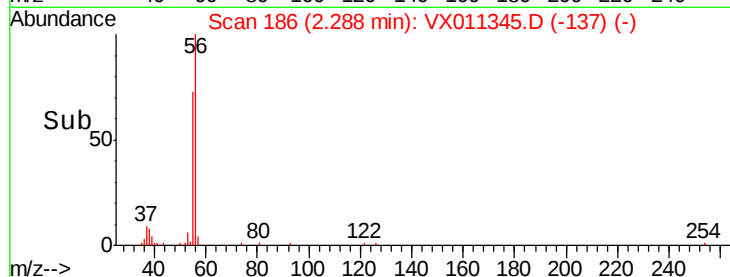
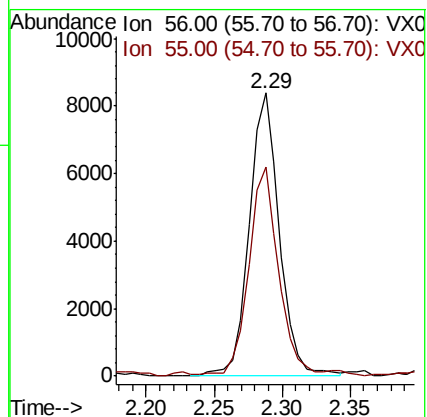
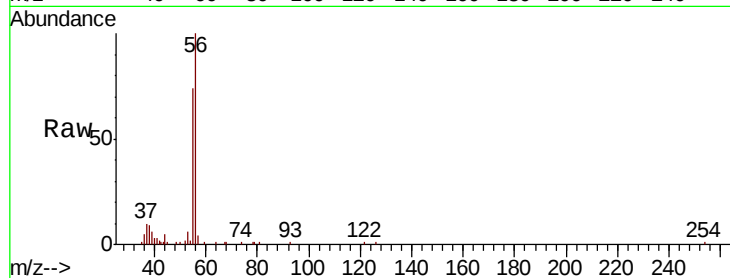
VX0806WBS01

Tgt Ion: 56 Resp: 12983

Ion Ratio Lower Upper

56 100

55 73.5 56.0 84.0



#14

Allyl chloride

Concen: 19.182 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

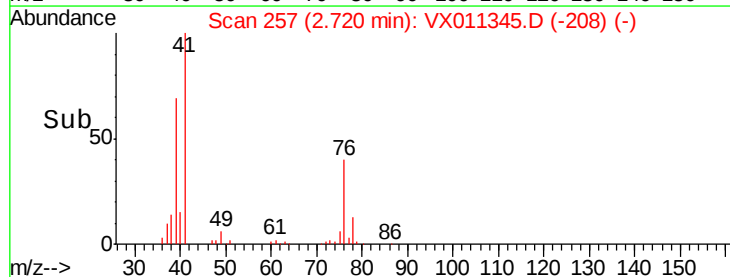
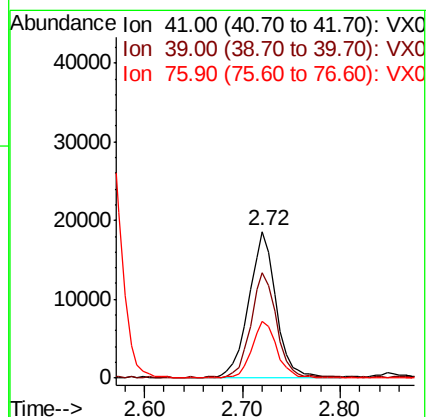
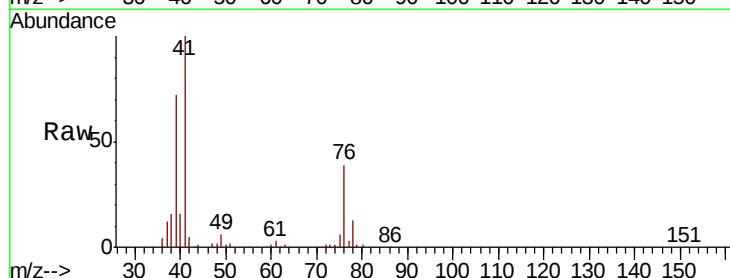
Tgt Ion: 41 Resp: 35782

Ion Ratio Lower Upper

41 100

39 66.9 52.8 79.2

76 36.0 31.1 46.7





#15

Acrylonitrile

Concen: 97.154 ug/l

RT: 3.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX0806WBS01

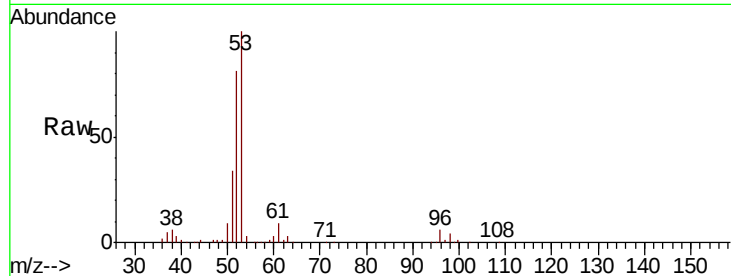
Tgt Ion: 53 Resp: 71602

Ion Ratio Lower Upper

53 100

52 82.1 65.5 98.3

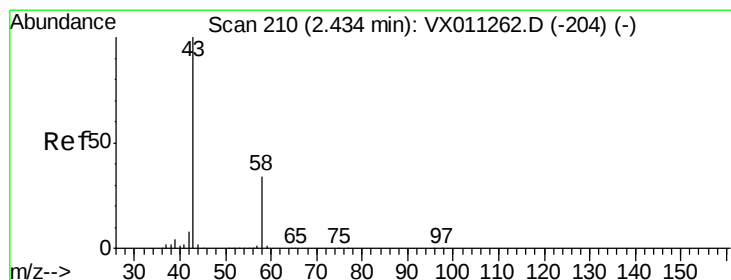
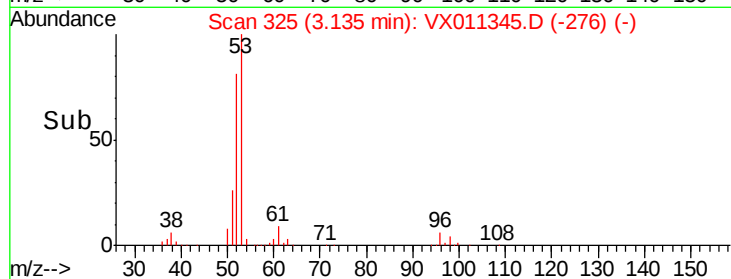
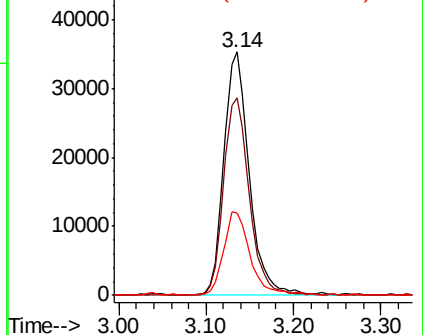
51 35.3 27.9 41.9



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: 85.130 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011345.D

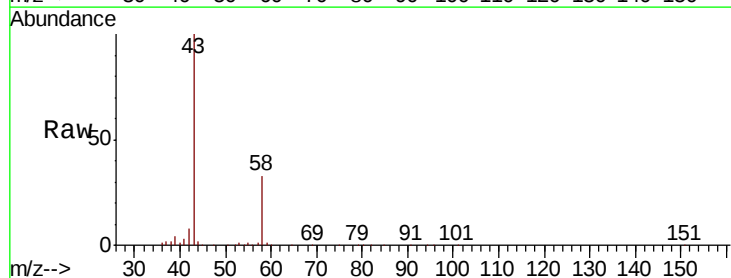
Acq: 06 Aug 2019 11:54

Tgt Ion: 43 Resp: 62757

Ion Ratio Lower Upper

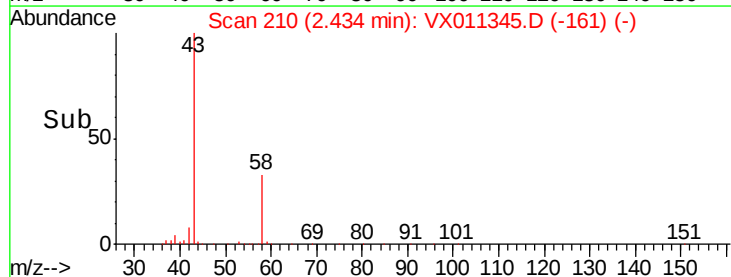
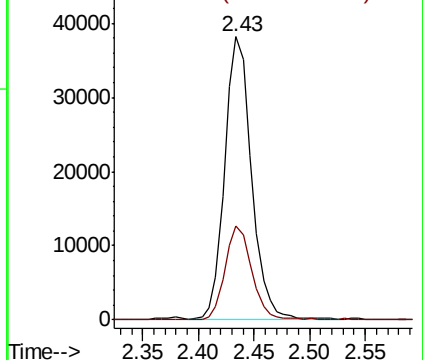
43 100

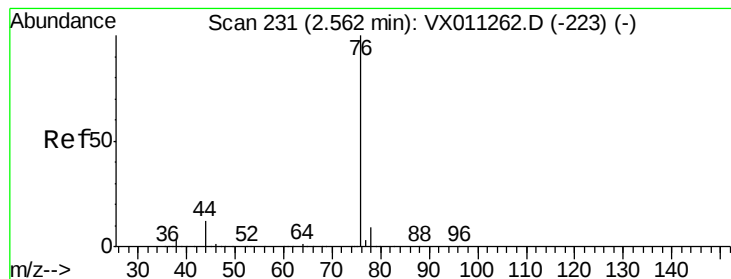
58 32.9 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 17.316 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

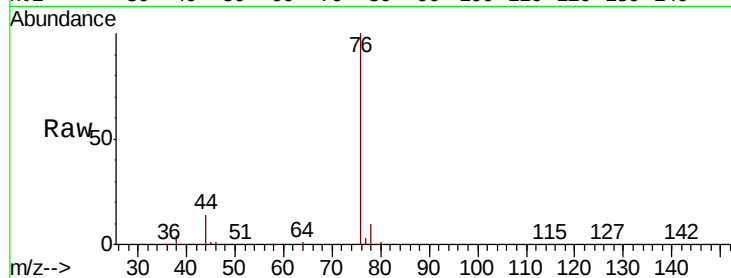
VX0806WBS01

Tgt Ion: 76 Resp: 56860

Ion Ratio Lower Upper

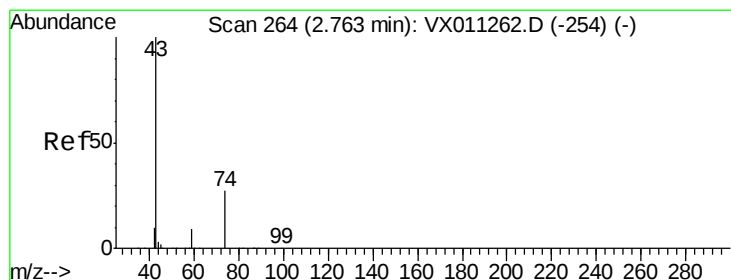
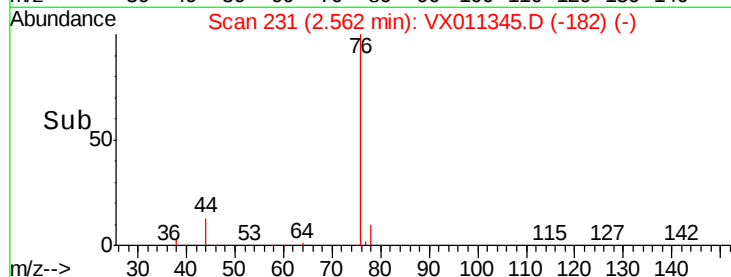
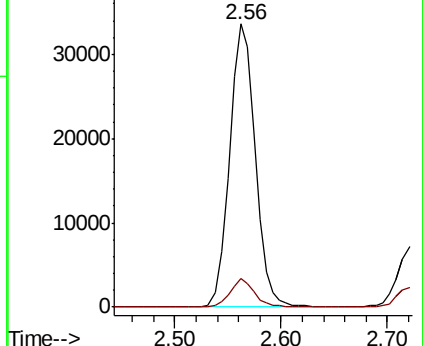
76 100

78 10.0 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.373 ug/l

RT: 2.76 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX011345.D

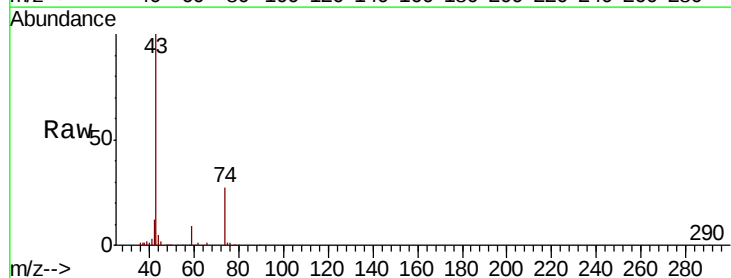
Acq: 06 Aug 2019 11:54

Tgt Ion: 43 Resp: 32638

Ion Ratio Lower Upper

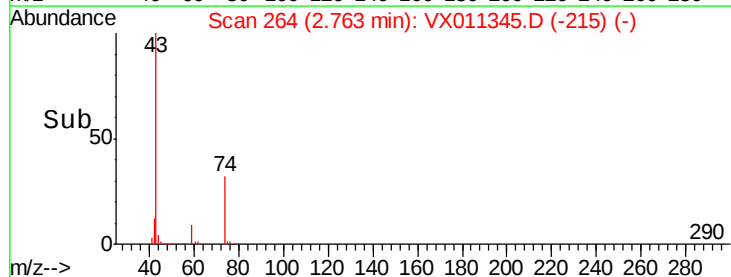
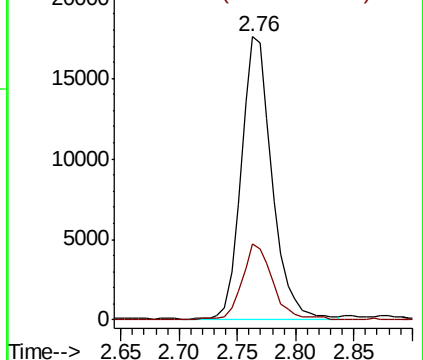
43 100

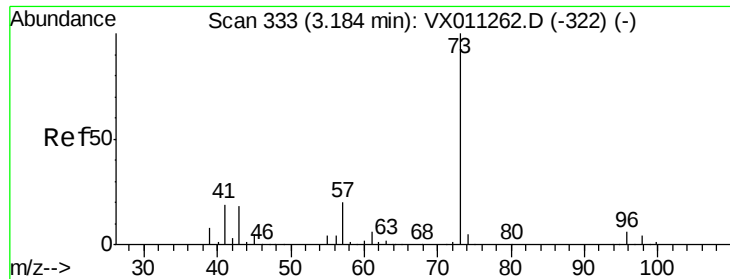
74 26.9 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

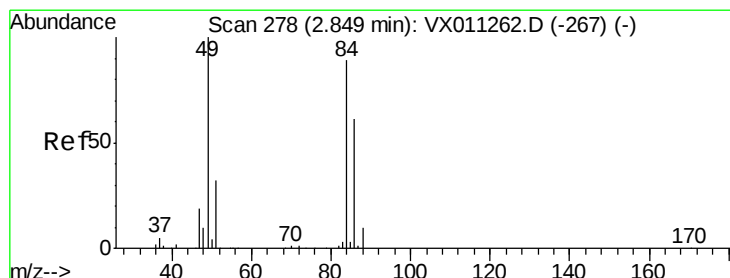
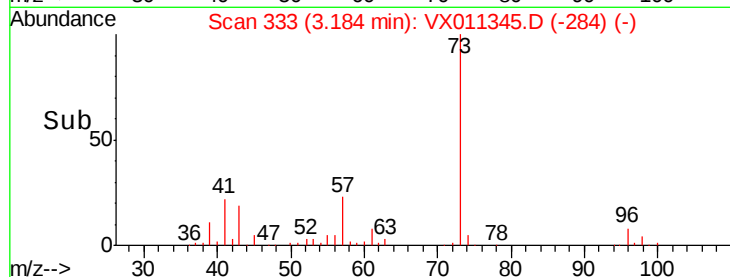
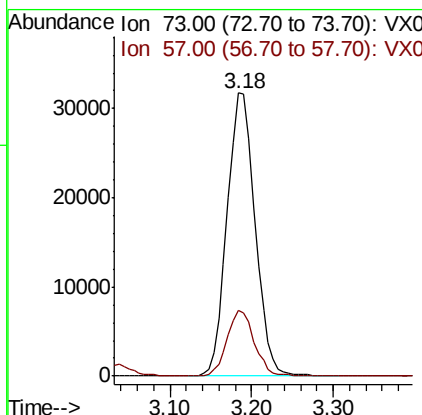
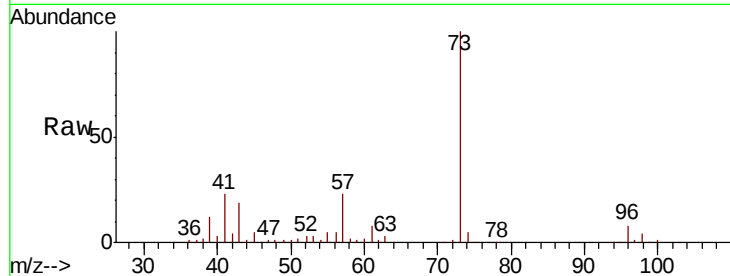




#19
Methyl tert-butyl Ether
Concen: 18.280 ug/l
RT: 3.18 min Scan# 333
Delta R.T. -0.00 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

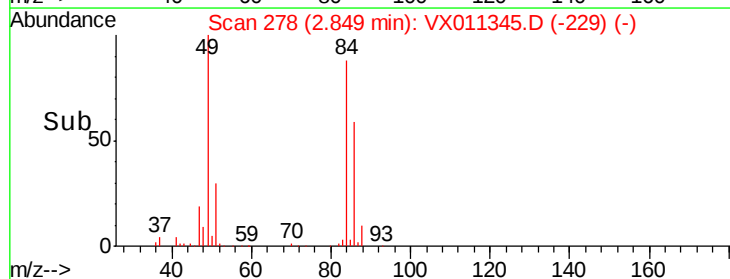
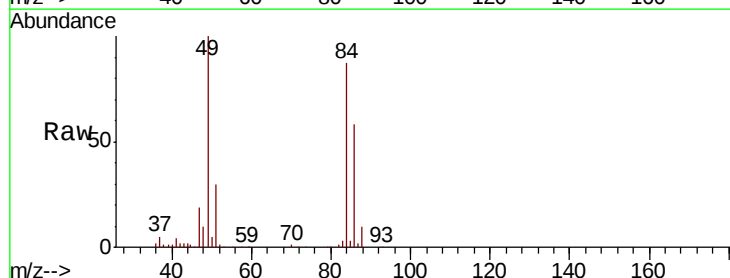
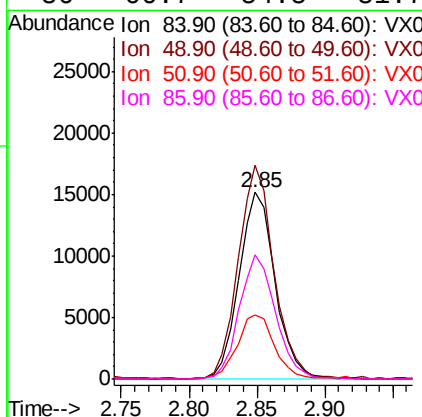
Instrument :
MSVOA_X
ClientSampleId :
VX0806WBS01

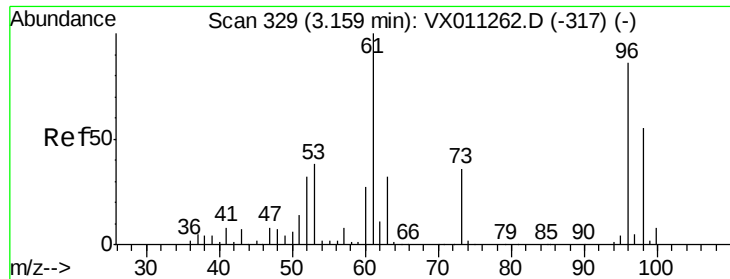
Tgt Ion: 73 Resp: 75380
Ion Ratio Lower Upper
73 100
57 23.3 16.2 24.2



#20
Methylene Chloride
Concen: 17.415 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.00 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

Tgt Ion: 84 Resp: 28117
Ion Ratio Lower Upper
84 100
49 113.8 89.3 133.9
51 34.4 28.3 42.5
86 66.7 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 18.100 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX0806WBS01

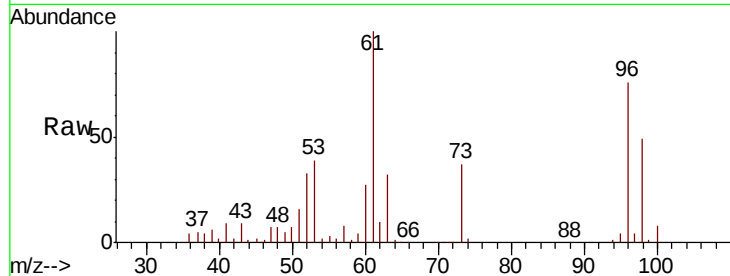
Tgt Ion: 96 Resp: 26792

Ion Ratio Lower Upper

96 100

61 130.8 92.8 139.2

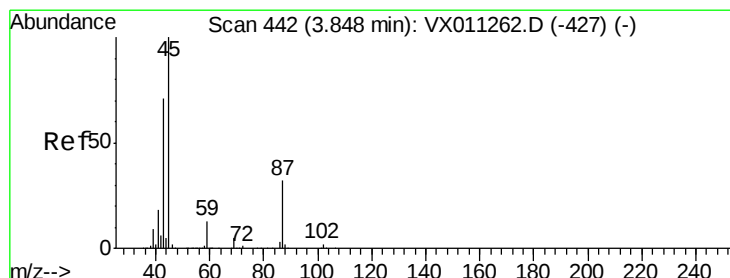
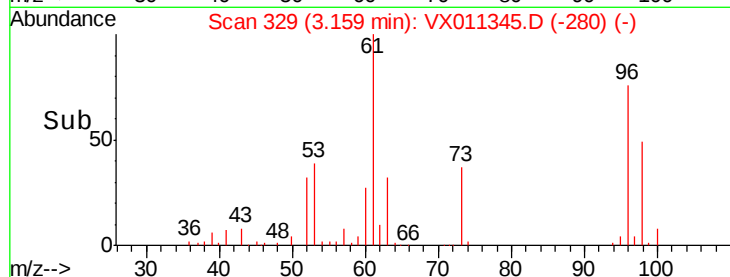
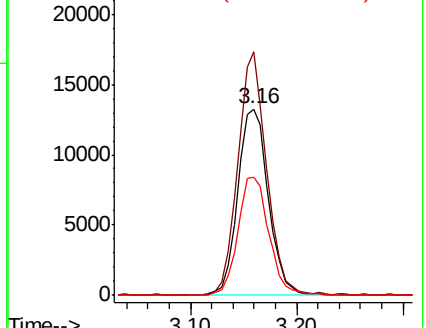
98 63.5 51.2 76.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.565 ug/l

RT: 3.85 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Tgt Ion: 45 Resp: 76113

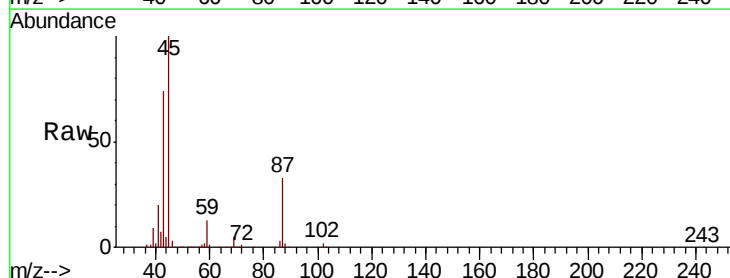
Ion Ratio Lower Upper

45 100

43 72.5 56.8 85.2

87 33.4 25.8 38.6

59 12.8 10.3 15.5

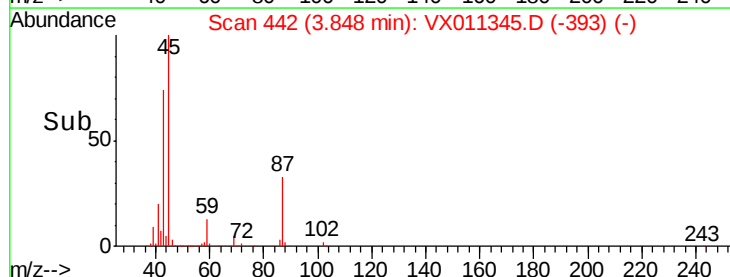
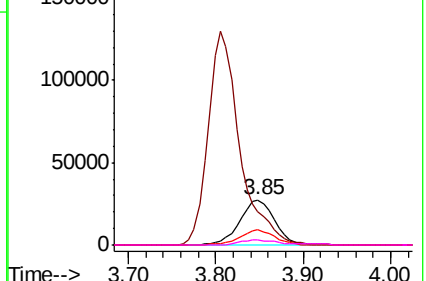


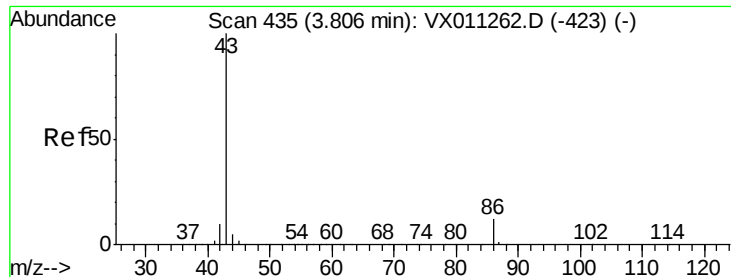
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 96.269 ug/l

RT: 3.81 min Scan# 435

Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Instrument :

MSVOA_X

ClientSampled :

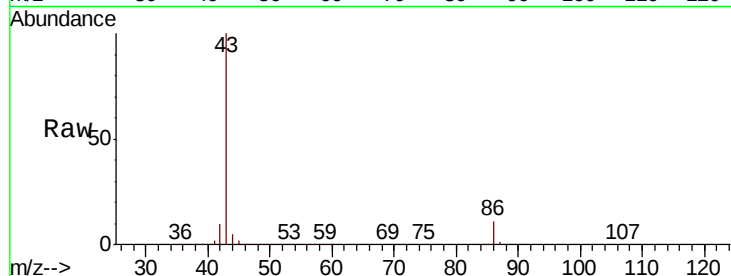
VX0806WBS01

Tgt Ion: 43 Resp: 327361

Ion Ratio Lower Upper

43 100

86 11.1 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

150000

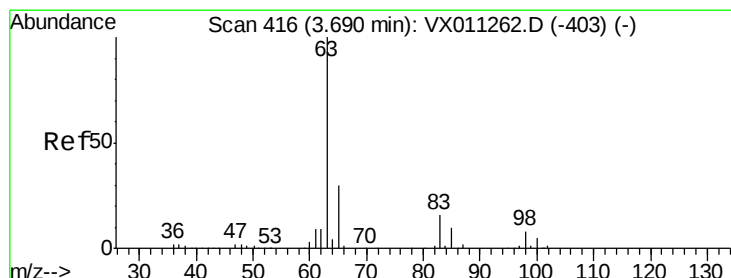
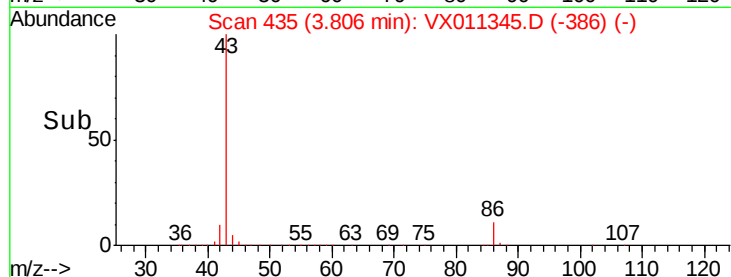
100000

50000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 18.477 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

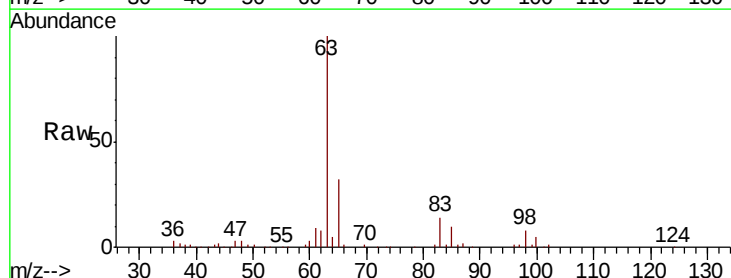
Tgt Ion: 63 Resp: 44669

Ion Ratio Lower Upper

63 100

98 8.3 3.9 11.5

100 5.2 2.7 8.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

25000

20000

15000

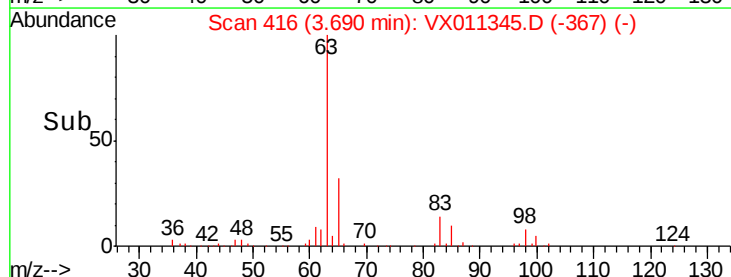
10000

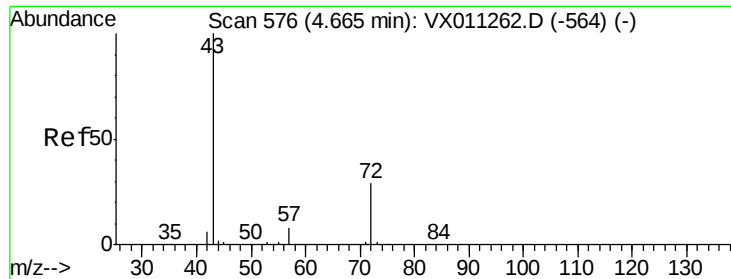
5000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 93.684 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

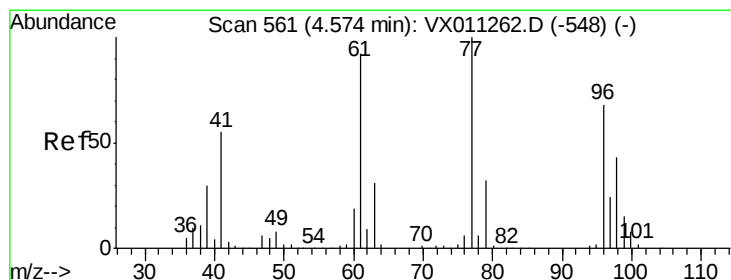
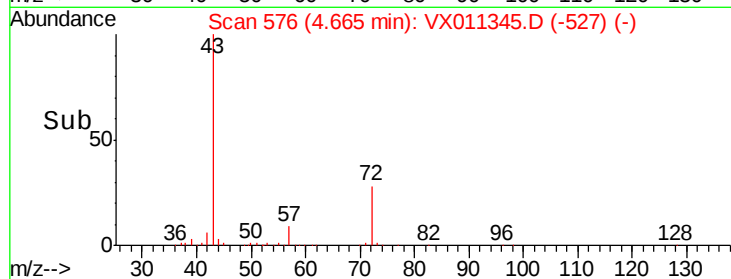
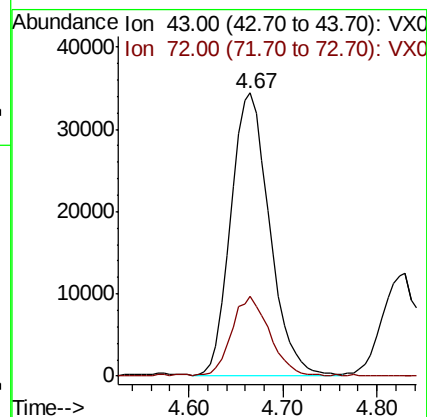
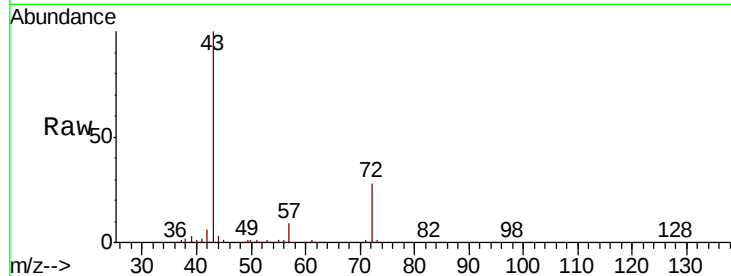
VX0806WBS01

Tgt Ion: 43 Resp: 98242

Ion Ratio Lower Upper

43 100

72 28.2 23.2 34.8



#26

2,2-Dichloropropane

Concen: 18.371 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX011345.D

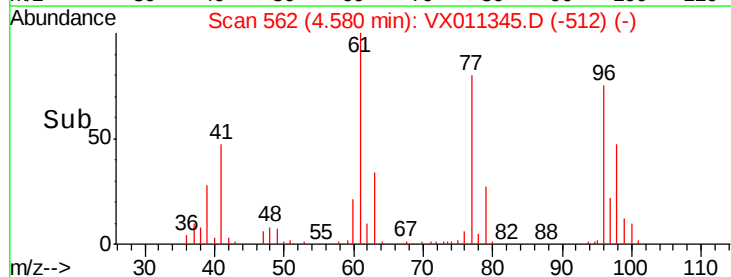
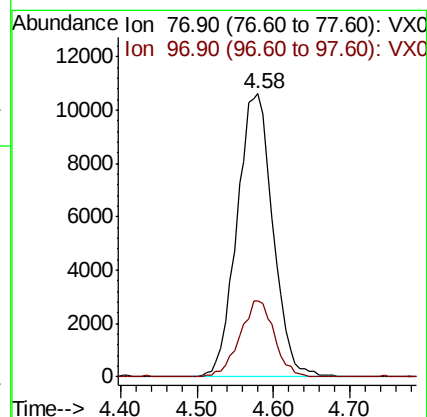
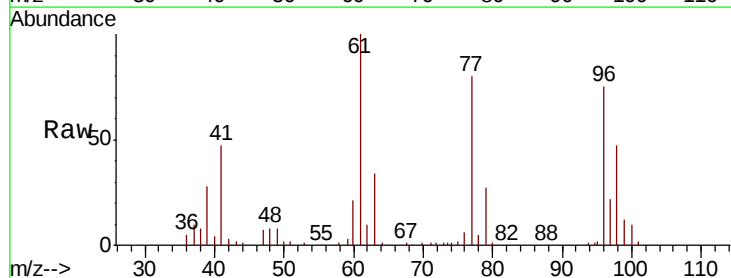
Acq: 06 Aug 2019 11:54

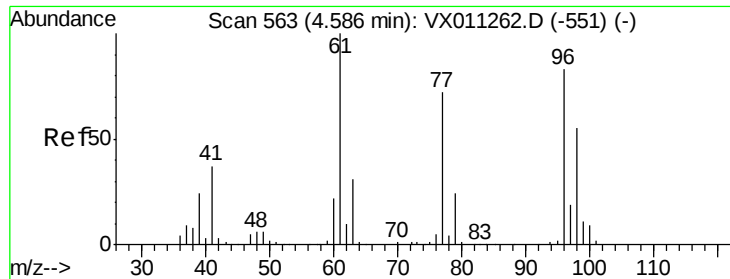
Tgt Ion: 77 Resp: 34524

Ion Ratio Lower Upper

77 100

97 25.9 12.8 38.4



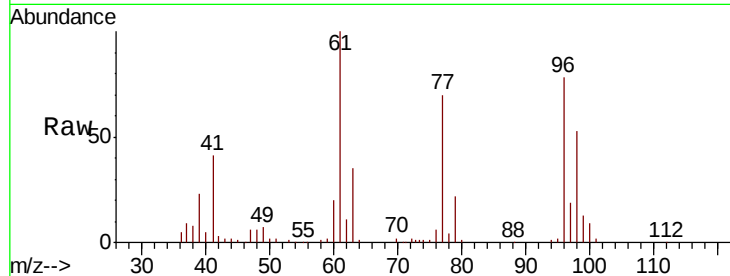


#27

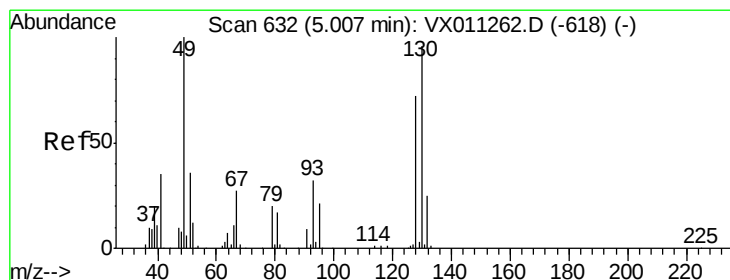
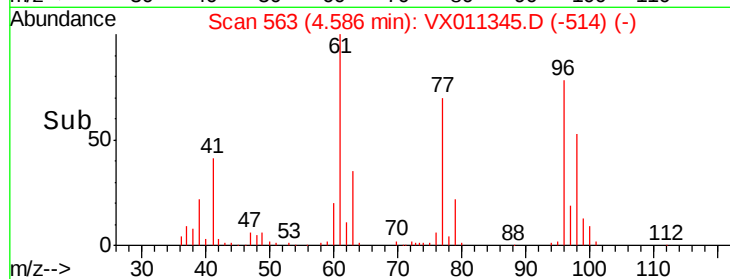
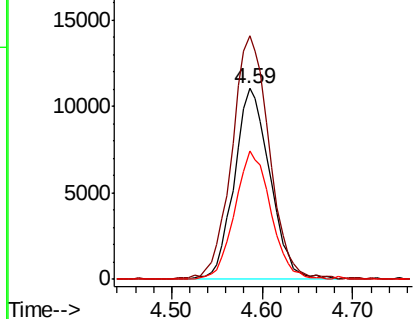
cis-1,2-Dichloroethene
 Concen: 17.678 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. -0.00 min
 Lab File: VX011345.D
 Acq: 06 Aug 2019 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0806WBS01

Tgt Ion: 96 Resp: 30139
 Ion Ratio Lower Upper
 96 100
 61 134.2 0.0 260.2
 98 67.6 0.0 133.2



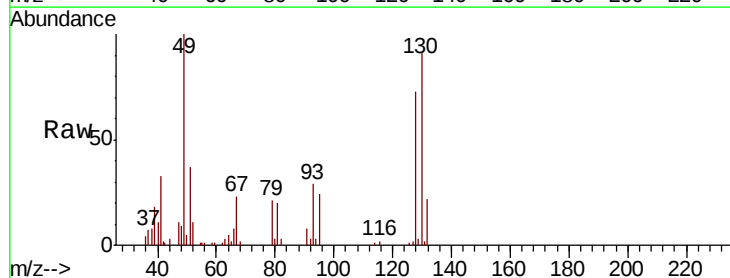
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



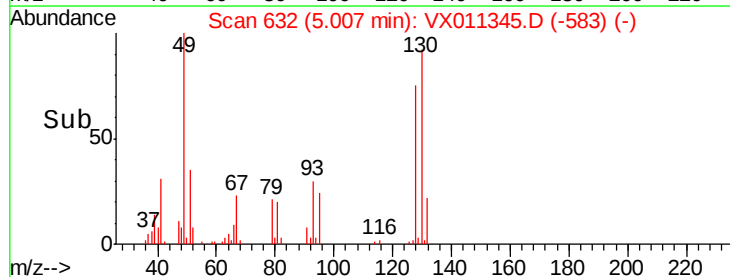
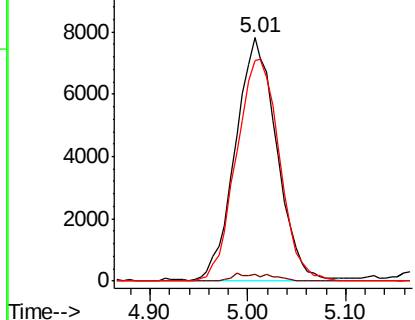
#28

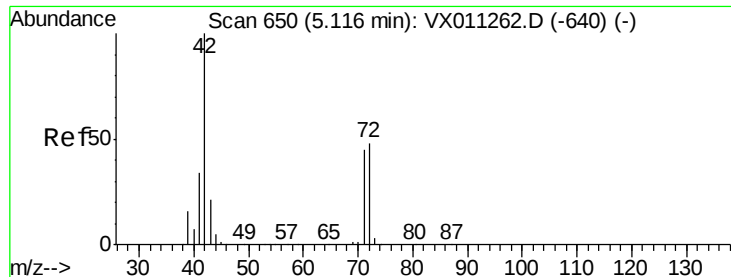
Bromochloromethane
 Concen: 20.899 ug/l
 RT: 5.01 min Scan# 632
 Delta R.T. -0.00 min
 Lab File: VX011345.D
 Acq: 06 Aug 2019 11:54

Tgt Ion: 49 Resp: 23033
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 5.8
 130 94.7 77.9 116.9



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

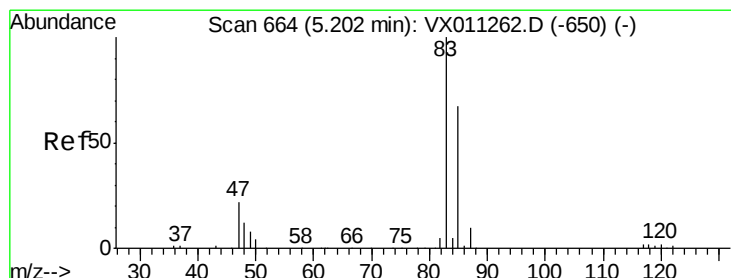
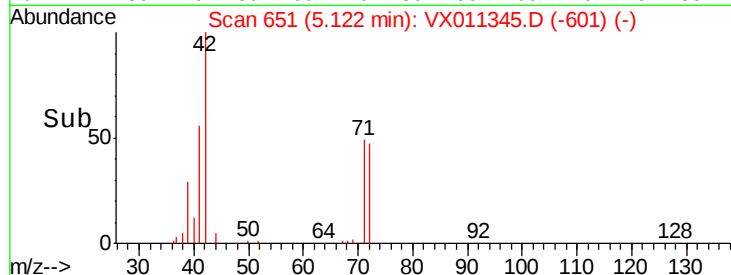
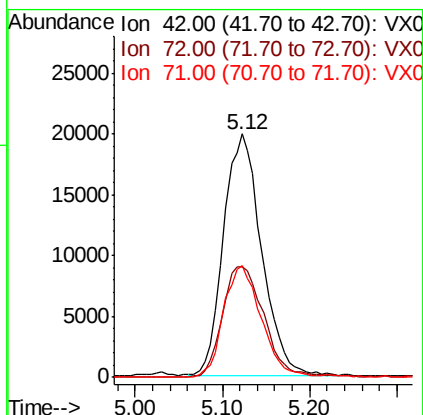
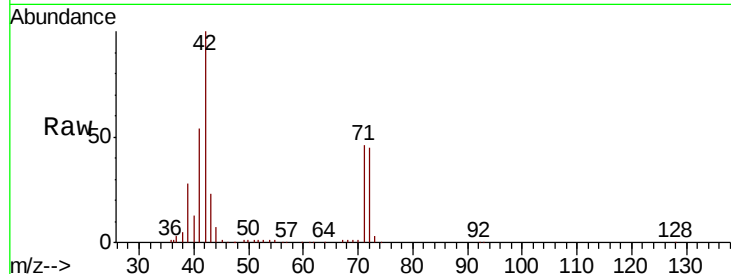




#29
Tetrahydrofuran
Concen: 93.478 ug/l
RT: 5.12 min Scan# 651
Delta R.T. 0.01 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

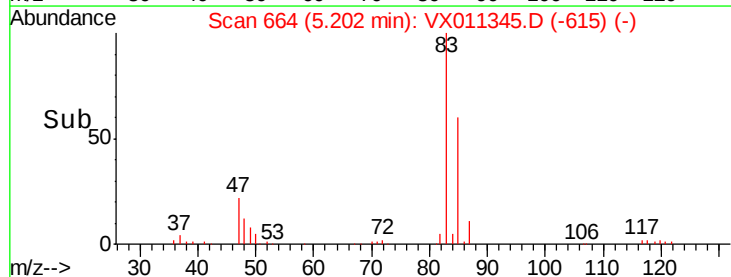
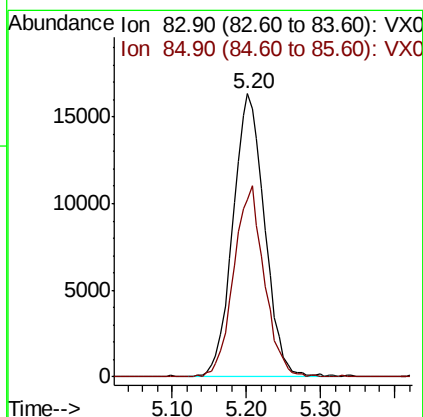
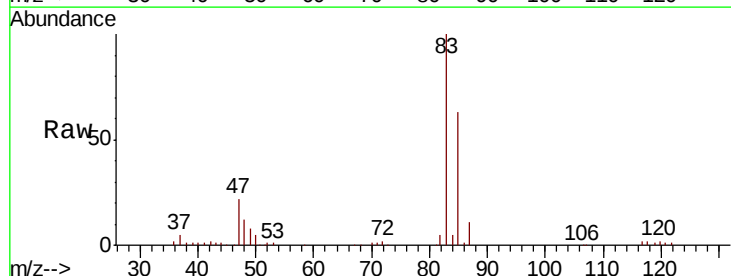
Instrument :
MSVOA_X
ClientSampled :
VX0806WBS01

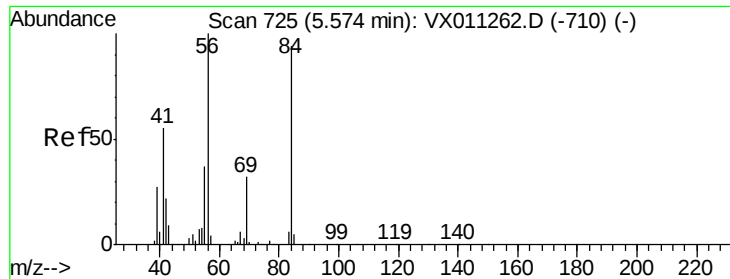
Tgt Ion: 42 Resp: 60105
Ion Ratio Lower Upper
42 100
72 49.6 39.9 59.9
71 45.8 36.9 55.3



#30
Chloroform
Concen: 18.565 ug/l
RT: 5.20 min Scan# 664
Delta R.T. -0.00 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

Tgt Ion: 83 Resp: 48781
Ion Ratio Lower Upper
83 100
85 62.6 53.4 80.0

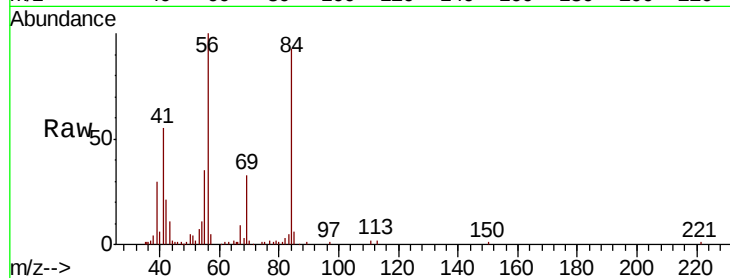




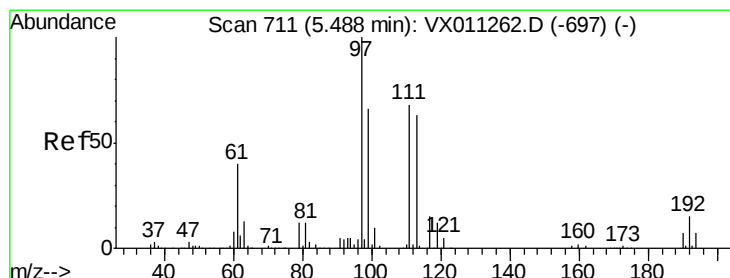
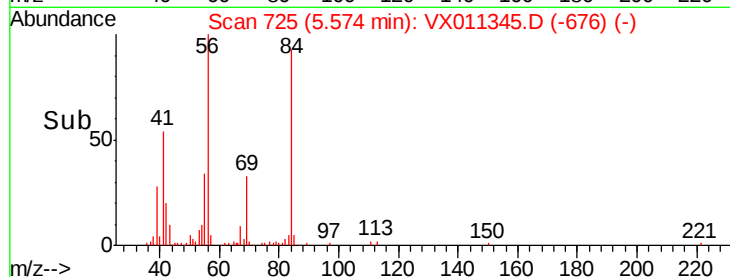
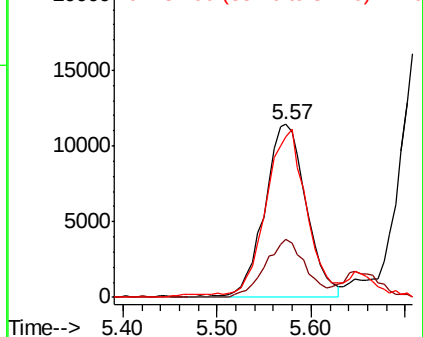
#31
Cyclohexane
Concen: 17.664 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX0806WBS01

Tgt Ion: 56 Resp: 35231
Ion Ratio Lower Upper
56 100
69 33.3 25.5 38.3
84 91.1 75.0 112.4

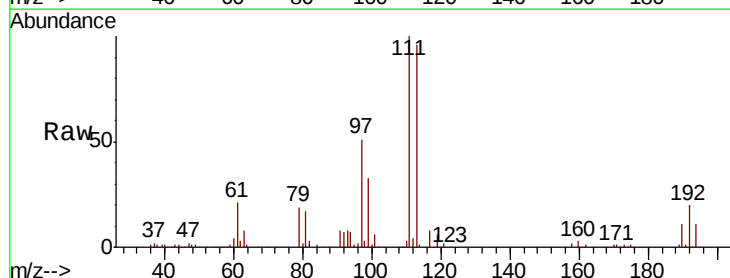


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

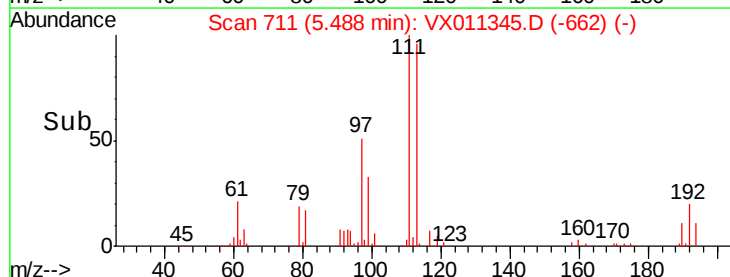
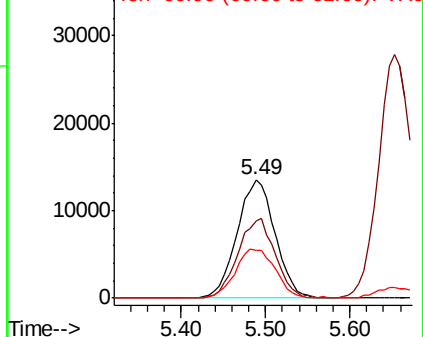


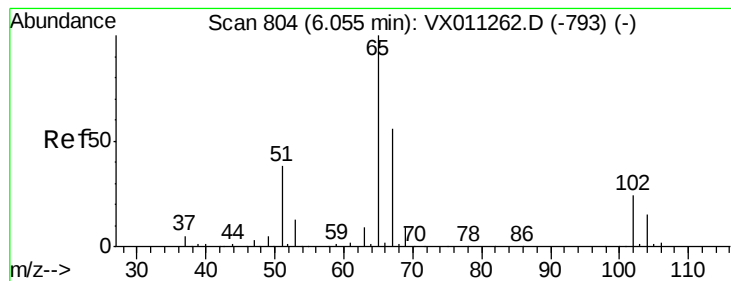
#32
1,1,1-Trichloroethane
Concen: 18.283 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.00 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

Tgt Ion: 97 Resp: 41153
Ion Ratio Lower Upper
97 100
99 66.1 51.6 77.4
61 44.3 32.3 48.5



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





#33

1,2-Dichloroethane-d4

Concen: 52.146 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

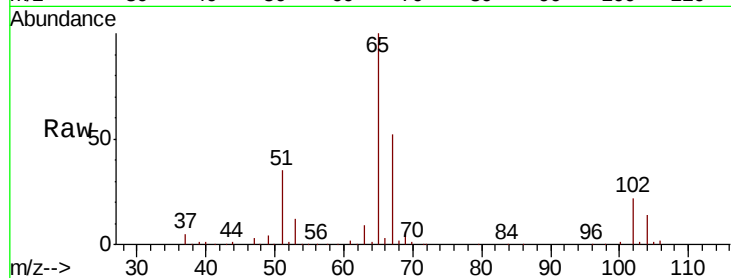
VX0806WBS01

Tgt Ion: 65 Resp: 80763

Ion Ratio Lower Upper

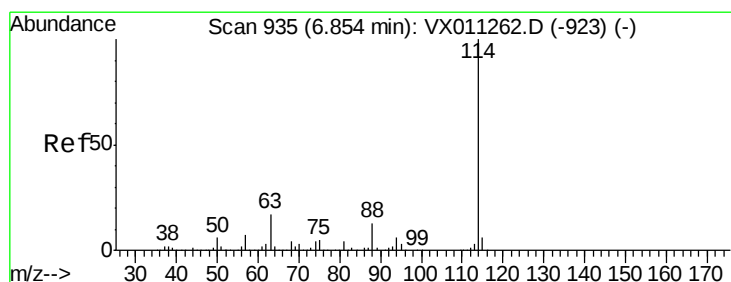
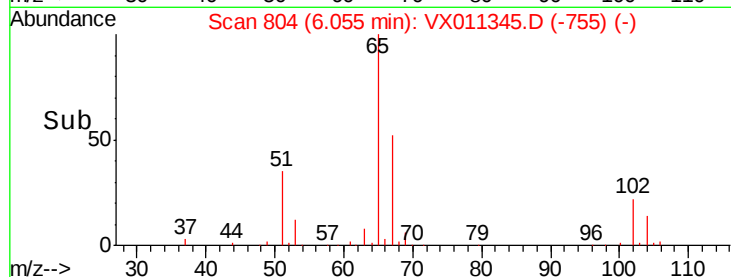
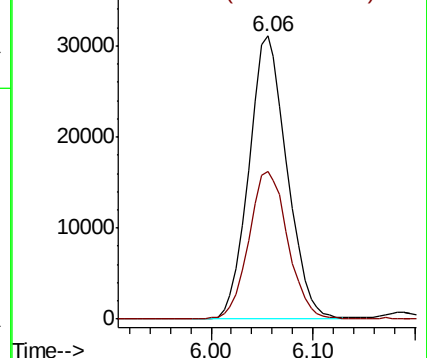
65 100

67 53.3 0.0 110.6



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# 935

Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

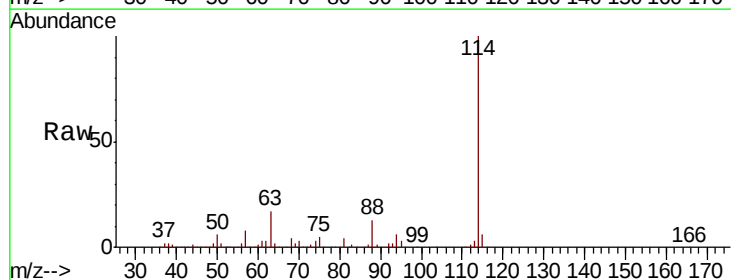
Tgt Ion: 114 Resp: 227099

Ion Ratio Lower Upper

114 100

63 16.6 0.0 34.0

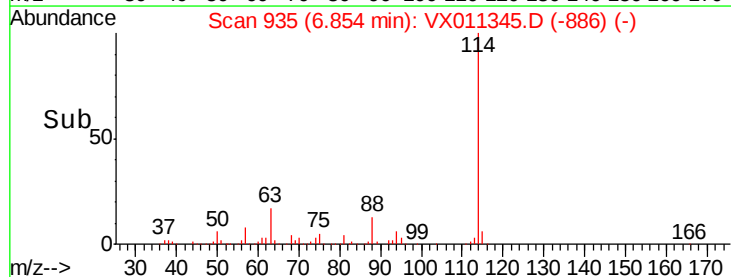
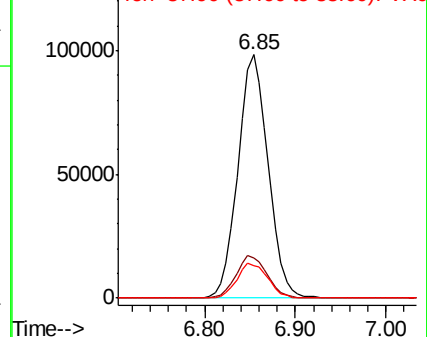
88 13.5 0.0 26.4

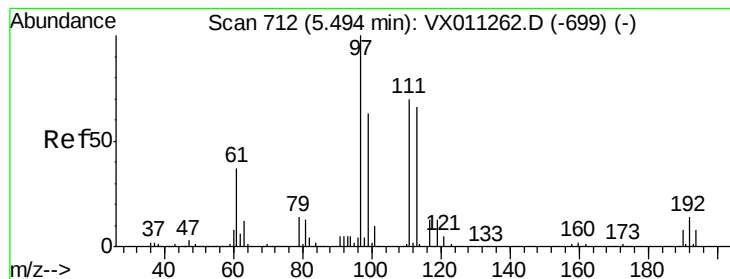


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.185 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX0806WBS01

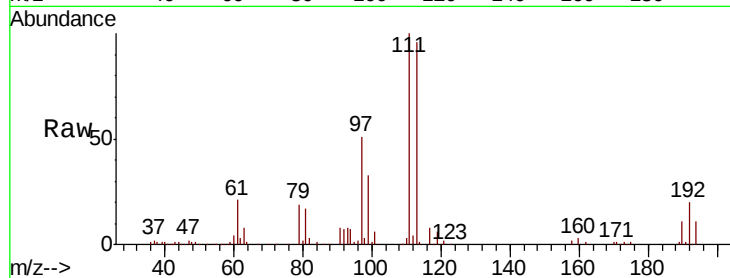
Tgt Ion:113 Resp: 72925

Ion Ratio Lower Upper

113 100

111 102.3 81.9 122.9

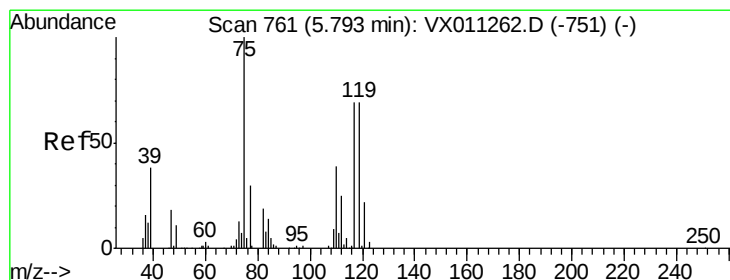
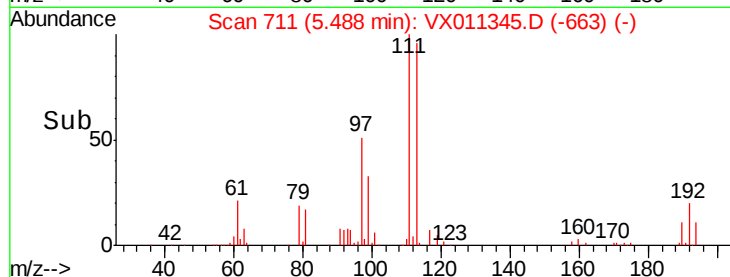
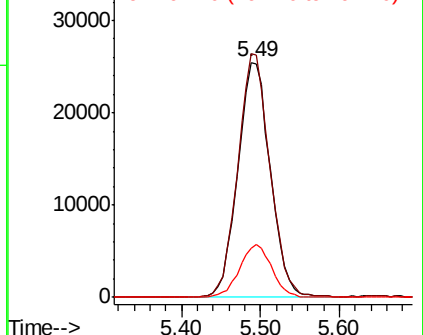
192 22.2 17.8 26.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.360 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

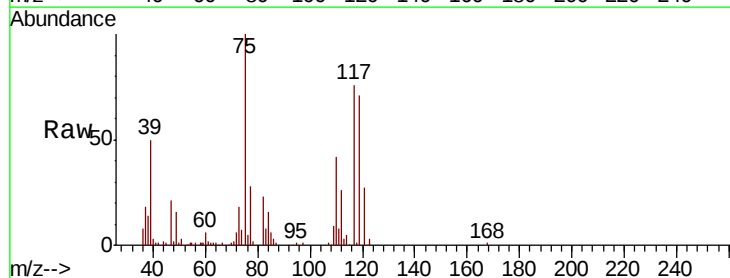
Tgt Ion: 75 Resp: 34422

Ion Ratio Lower Upper

75 100

110 39.7 20.0 59.9

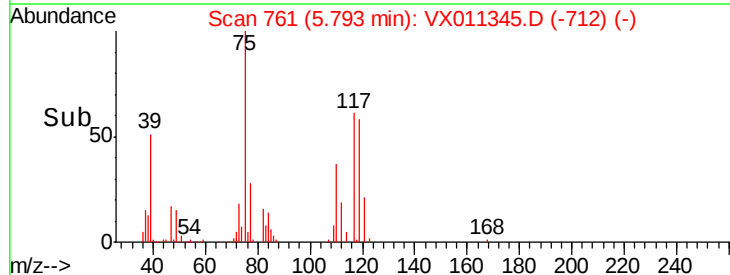
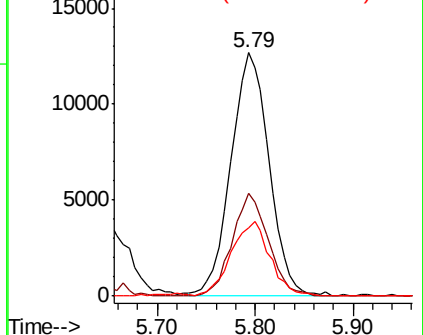
77 31.1 24.8 37.2

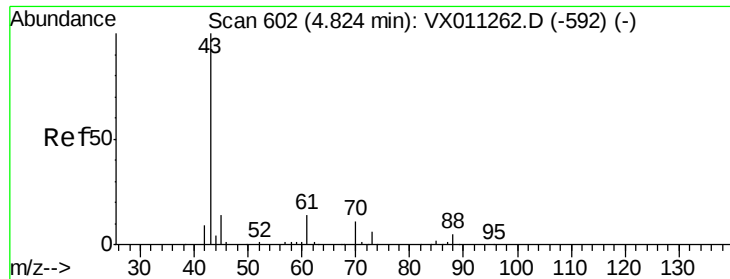


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

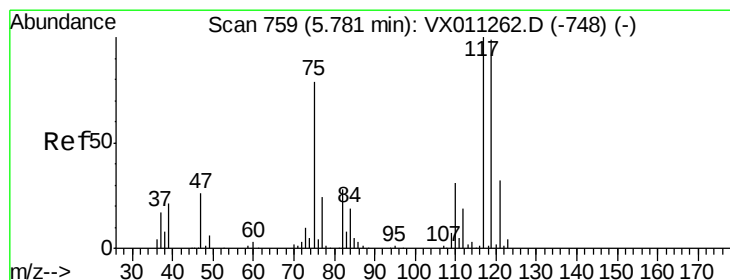
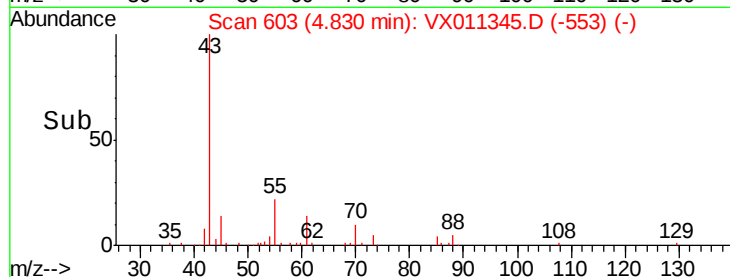
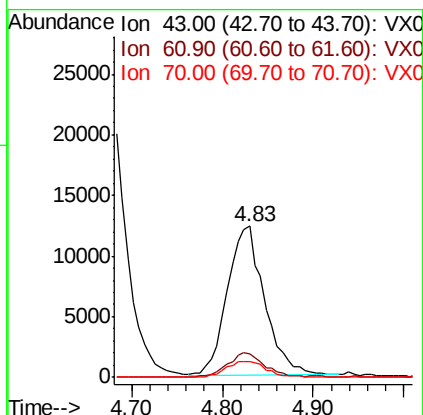
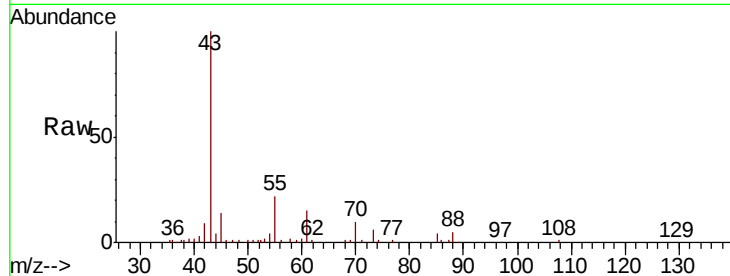




#37
Ethyl Acetate
Concen: 17.603 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.01 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

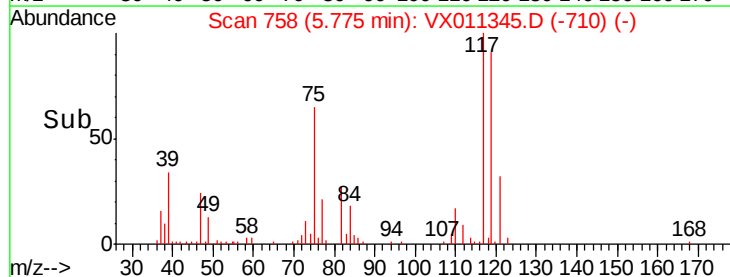
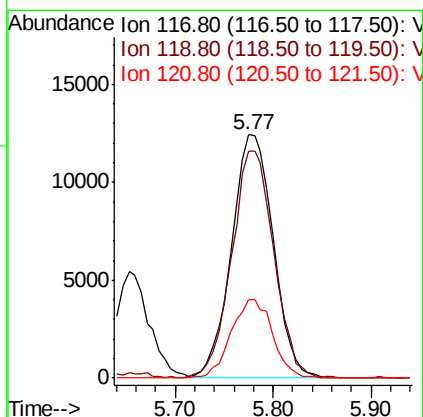
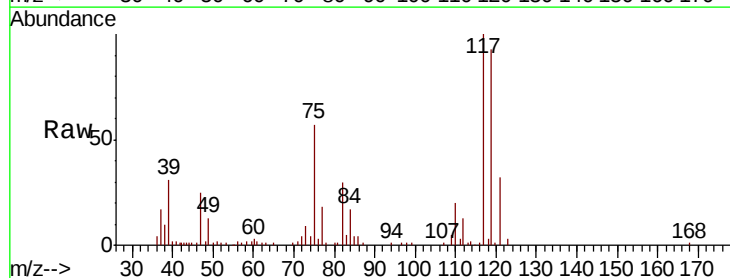
Instrument :
MSVOA_X
ClientSampleId :
VX0806WBS01

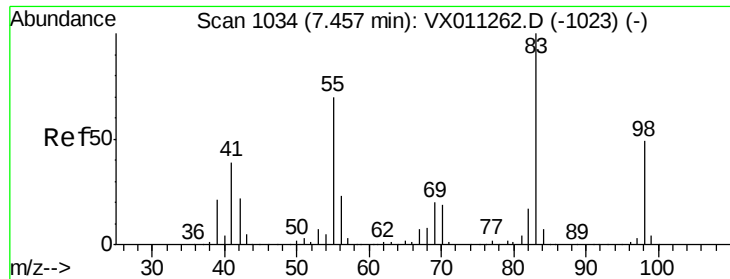
Tgt Ion: 43 Resp: 35010
Ion Ratio Lower Upper
43 100
61 16.3 12.6 18.8
70 12.1 9.1 13.7



#38
Carbon Tetrachloride
Concen: 18.458 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

Tgt Ion: 117 Resp: 36821
Ion Ratio Lower Upper
117 100
119 93.0 79.0 118.4
121 32.1 25.9 38.9

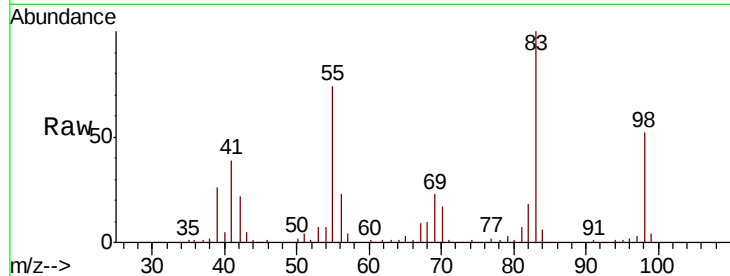




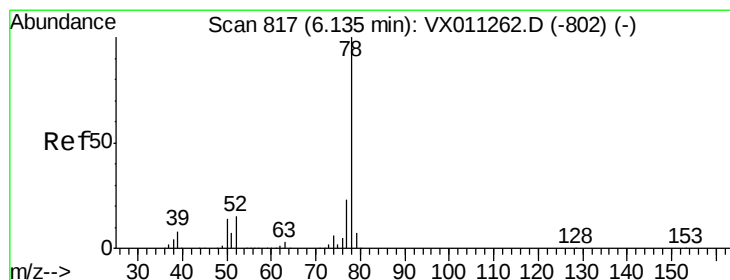
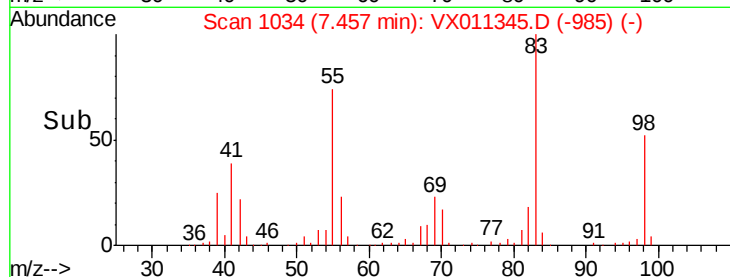
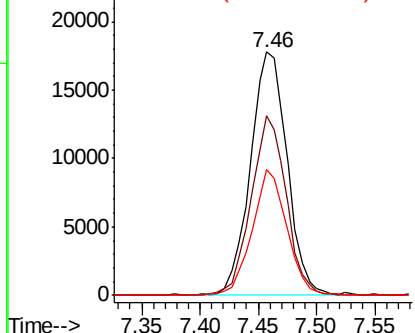
#39
Methylcyclohexane
Concen: 16.693 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX0806WBS01

Tgt Ion: 83 Resp: 39232
Ion Ratio Lower Upper
83 100
55 73.9 56.1 84.1
98 51.9 39.0 58.4

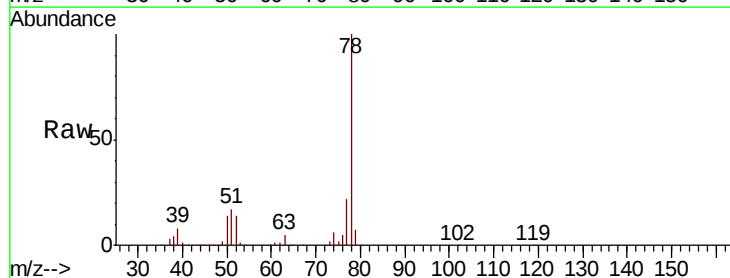


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

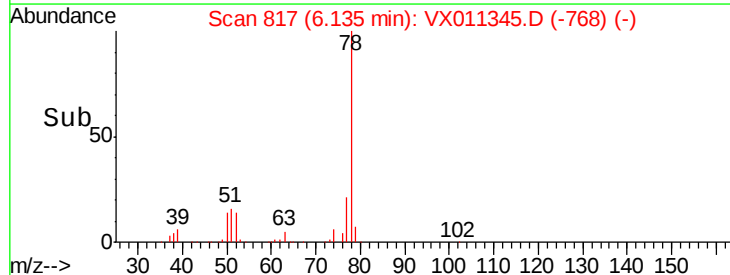
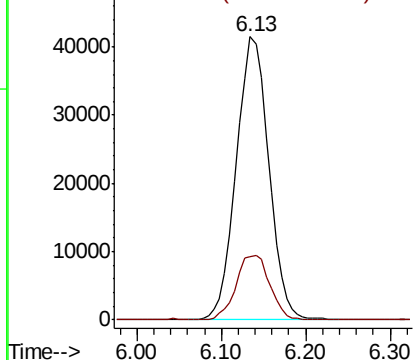


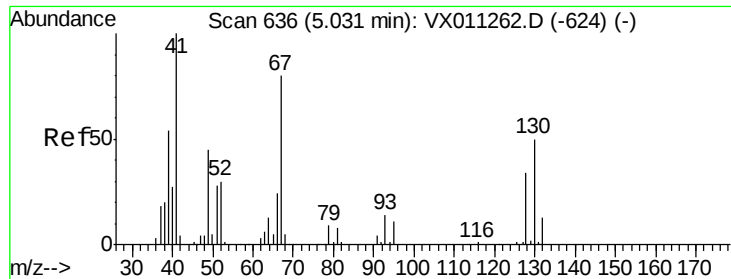
#40
Benzene
Concen: 18.295 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.00 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

Tgt Ion: 78 Resp: 108248
Ion Ratio Lower Upper
78 100
77 22.3 18.2 27.2



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

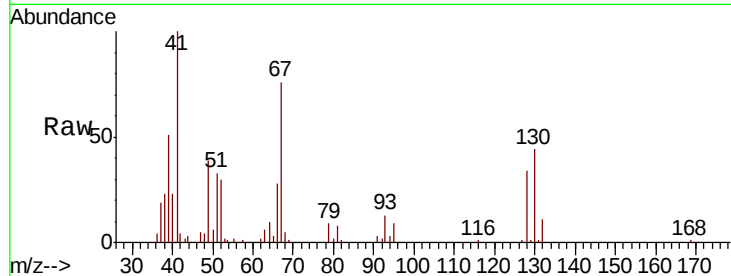




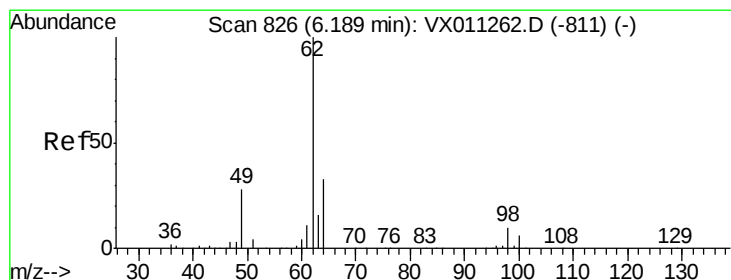
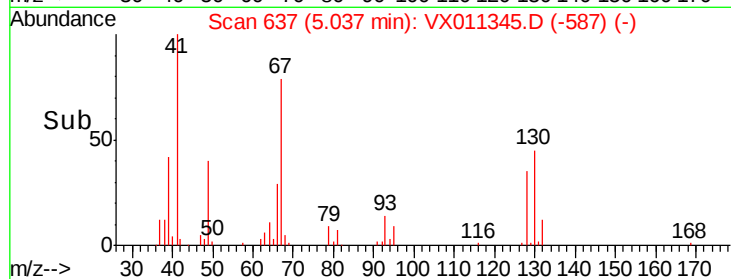
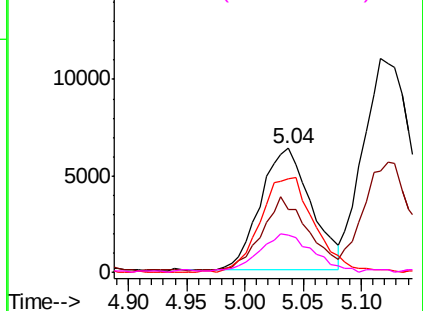
#41
Methacrylonitrile
Concen: 17.648 ug/l
RT: 5.04 min Scan# 637
Delta R.T. 0.01 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX0806WBS01

Tgt Ion:	41	Resp:	19169
Ion	Ratio	Lower	Upper
41	100		
39	53.8	43.0	64.6
67	83.1	65.1	97.7
52	33.5	24.8	37.2

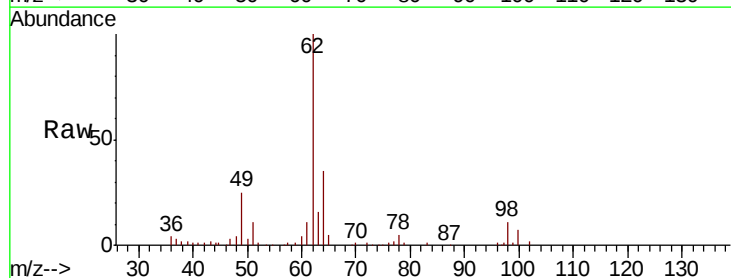


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

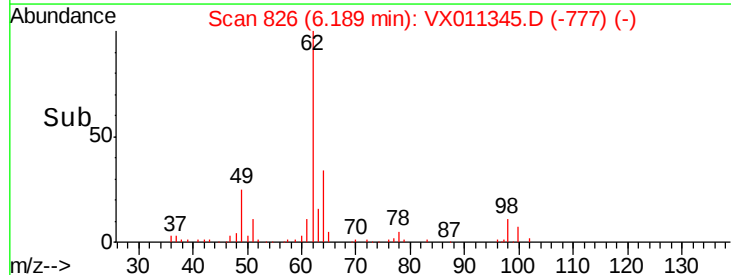
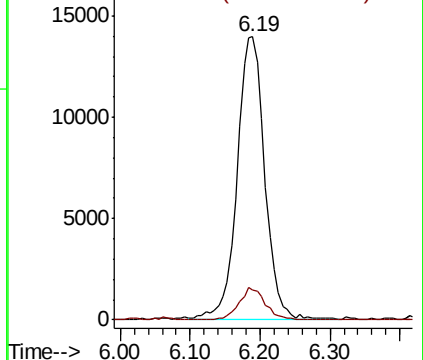


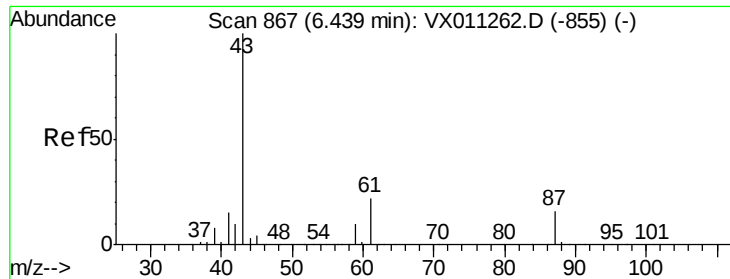
#42
1,2-Dichloroethane
Concen: 19.184 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

Tgt Ion:	62	Resp:	38382
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	20.6



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





#43

Isopropyl Acetate

Concen: 18.374 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX0806WBS01

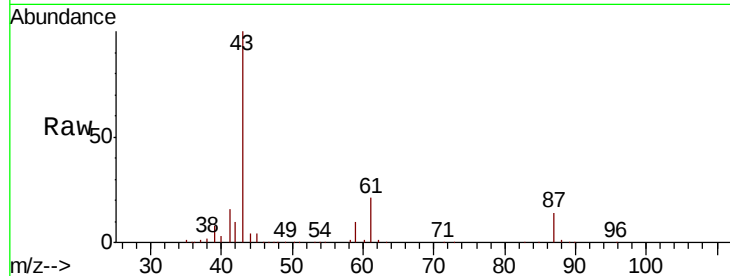
Tgt Ion: 43 Resp: 58426

Ion Ratio Lower Upper

43 100

61 20.5 16.5 24.7

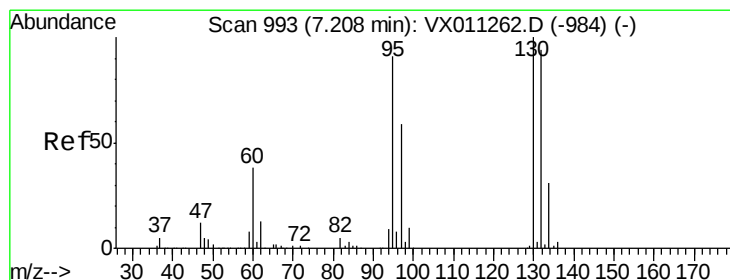
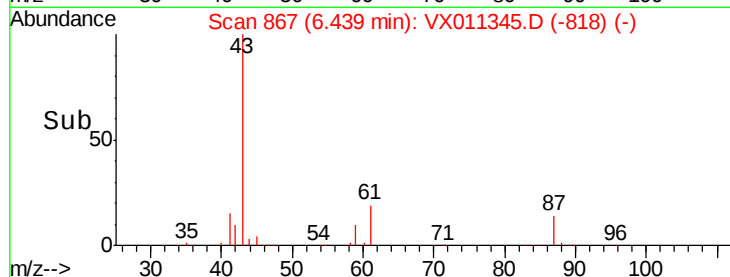
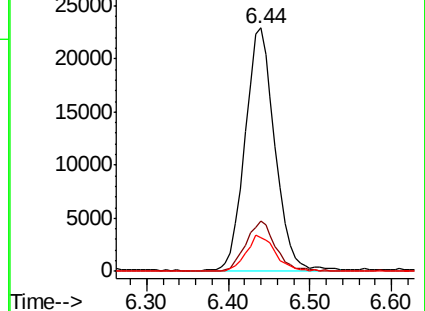
87 14.4 12.1 18.1



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: 17.660 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.00 min

Lab File: VX011345.D

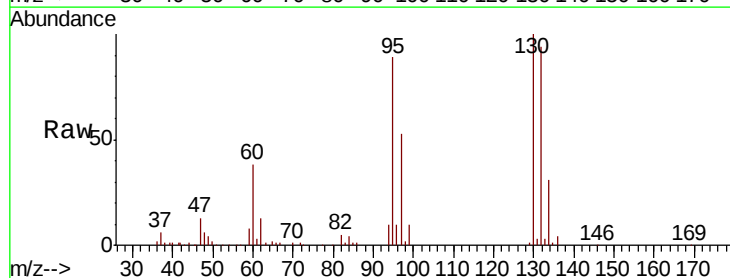
Acq: 06 Aug 2019 11:54

Tgt Ion: 130 Resp: 31627

Ion Ratio Lower Upper

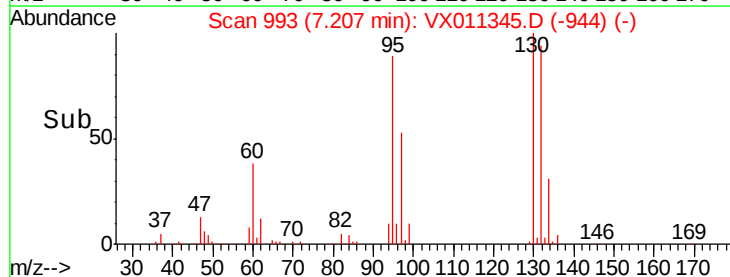
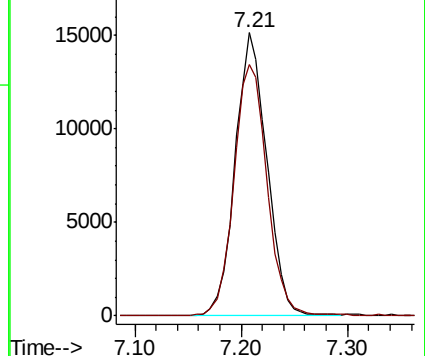
130 100

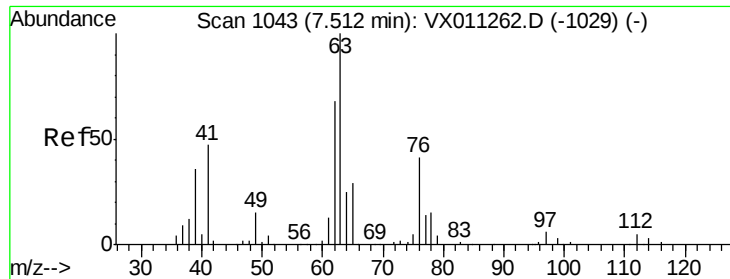
95 88.9 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 17.708 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

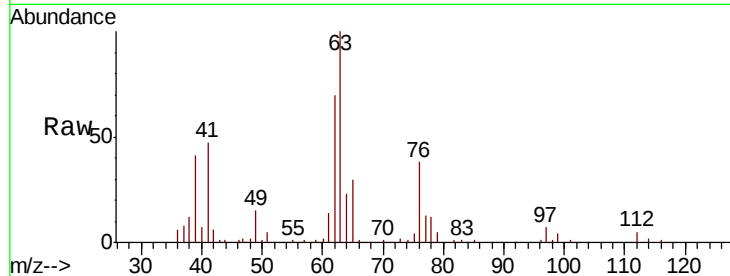
VX0806WBS01

Tgt Ion: 63 Resp: 27135

Ion Ratio Lower Upper

63 100

65 30.3 23.3 34.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

15000

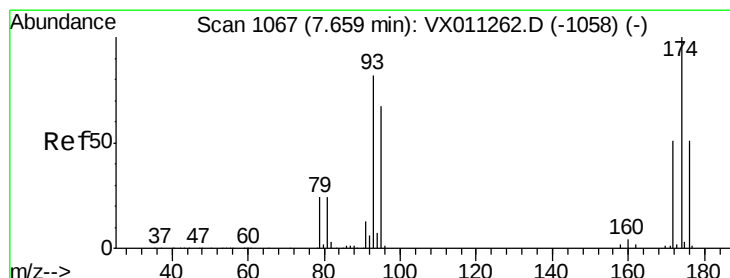
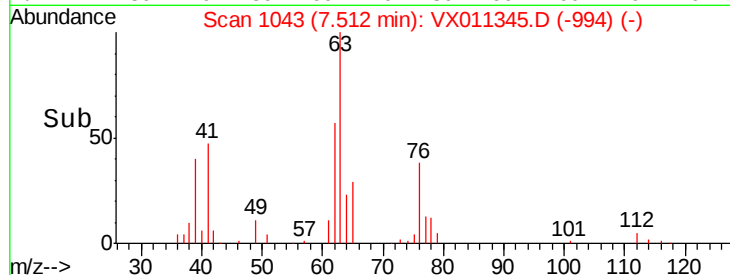
10000

5000

0

Time-->

7.40 7.50 7.60



#46

Dibromomethane

Concen: 18.338 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

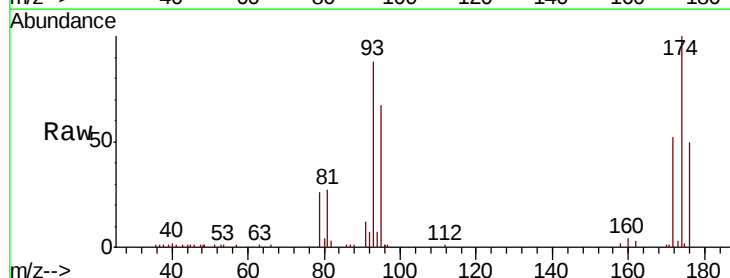
Tgt Ion: 93 Resp: 20513

Ion Ratio Lower Upper

93 100

95 79.6 66.4 99.6

174 108.3 93.4 140.2



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

15000

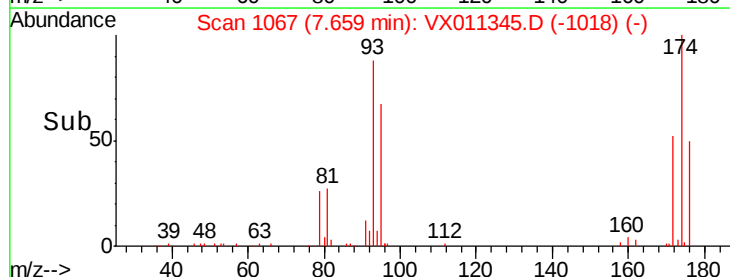
10000

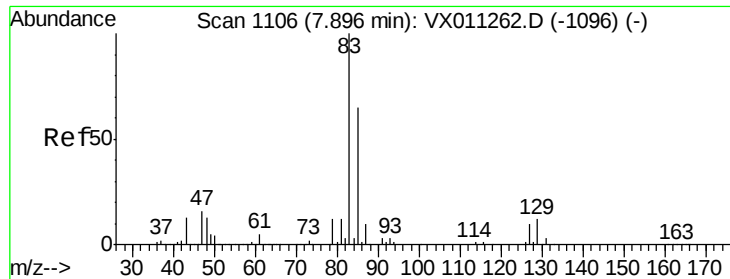
5000

0

Time-->

7.60 7.70 7.80





#47

Bromodichloromethane

Concen: 18.565 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX0806WBS01

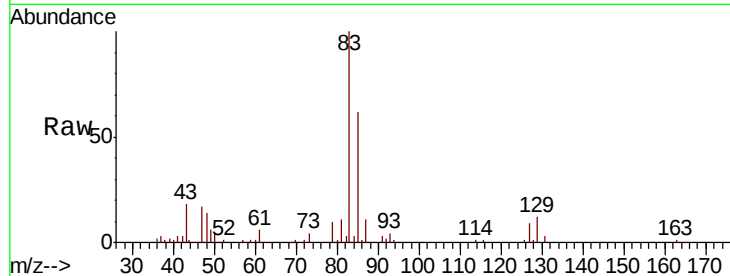
Tgt Ion: 83 Resp: 35161

Ion Ratio Lower Upper

83 100

85 62.4 52.2 78.2

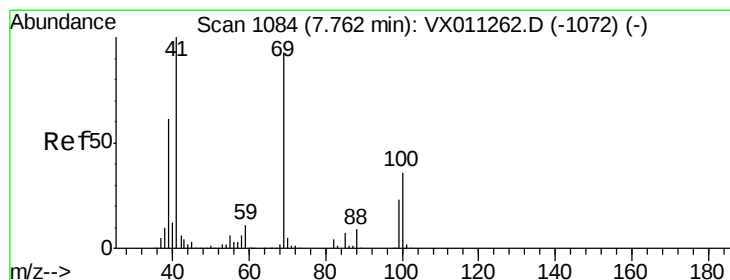
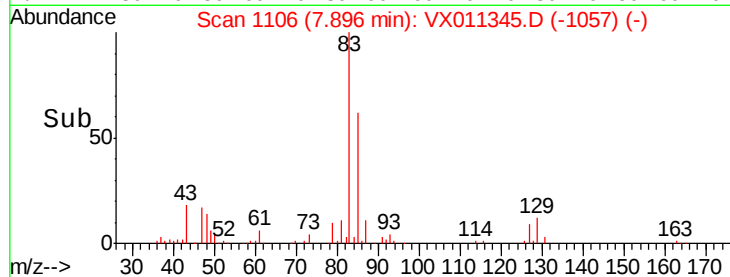
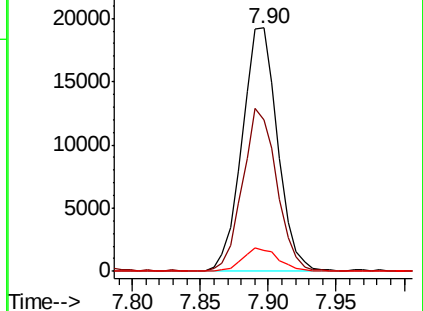
127 8.7 7.8 11.8



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: 18.307 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

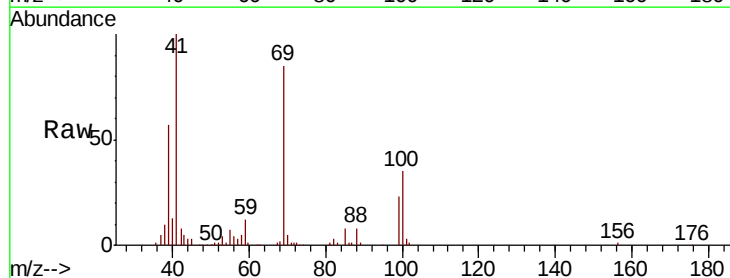
Tgt Ion: 41 Resp: 27395

Ion Ratio Lower Upper

41 100

69 91.9 74.5 111.7

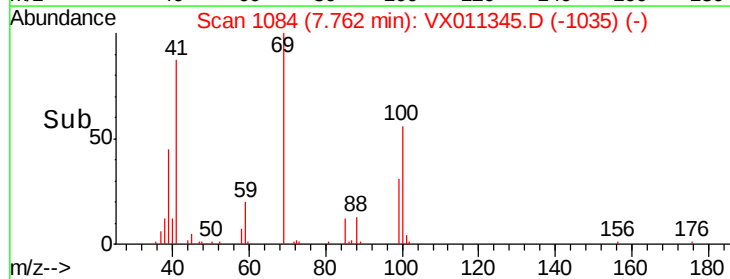
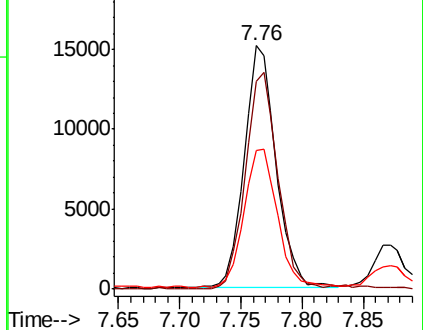
39 59.7 48.6 72.8

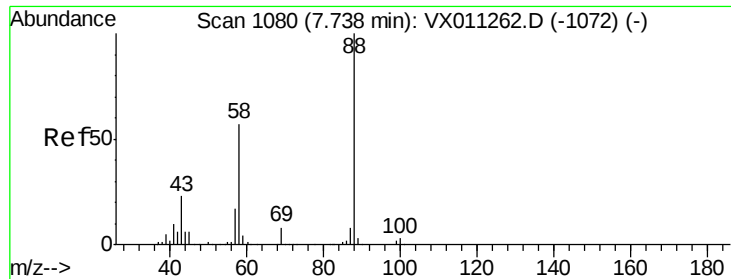


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

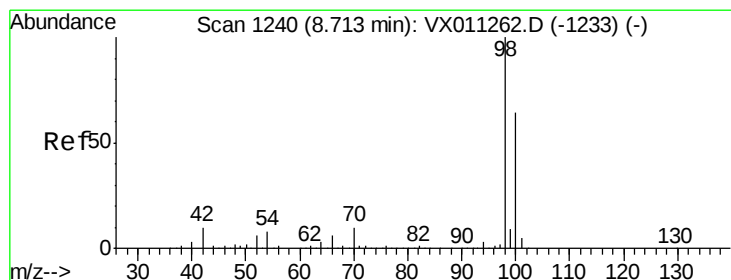
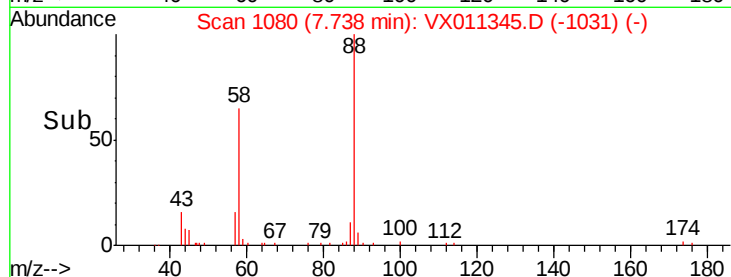
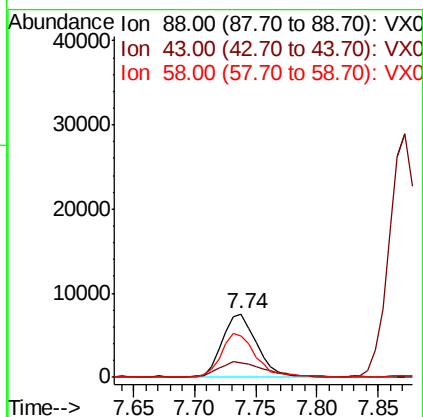
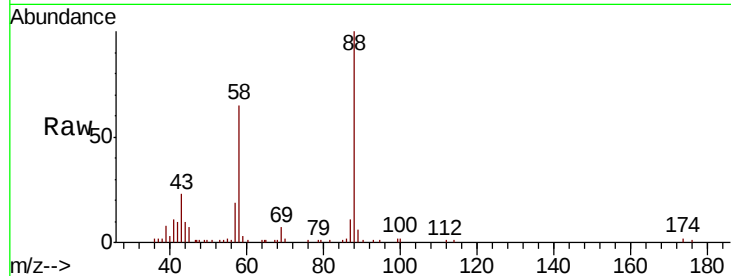




#49
 1,4-Dioxane
 Concen: 343.659 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX011345.D
 Acq: 06 Aug 2019 11:54

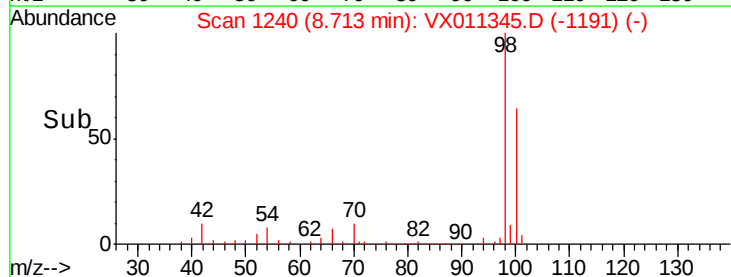
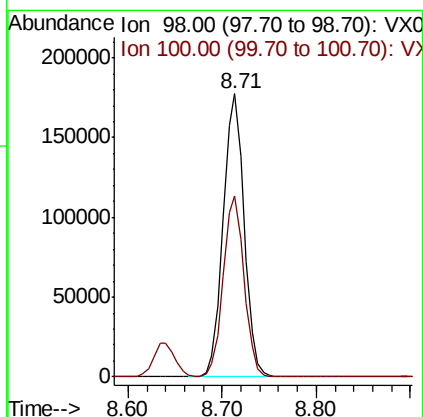
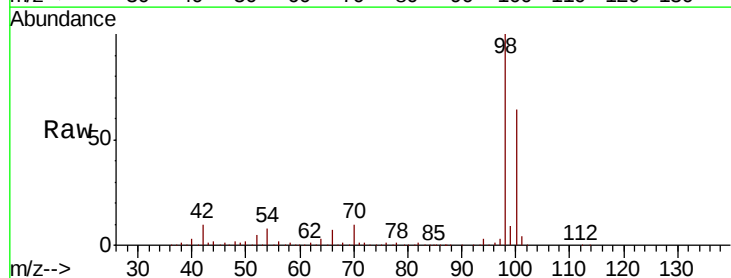
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0806WBS01

Tgt Ion: 88 Resp: 14909
 Ion Ratio Lower Upper
 88 100
 43 33.8 22.2 33.2#
 58 68.2 47.8 71.8



#50
 Toluene-d8
 Concen: 48.801 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX011345.D
 Acq: 06 Aug 2019 11:54

Tgt Ion: 98 Resp: 273125
 Ion Ratio Lower Upper
 98 100
 100 63.3 51.7 77.5

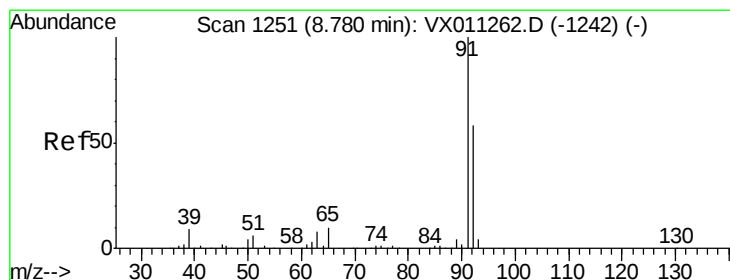
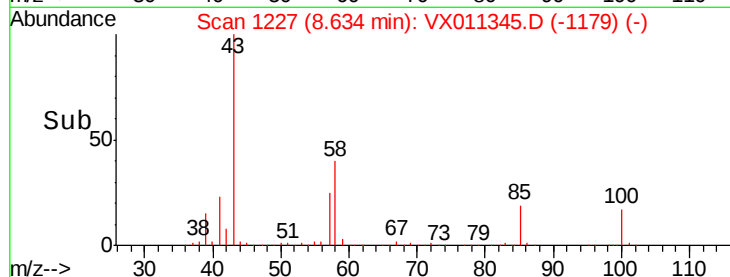
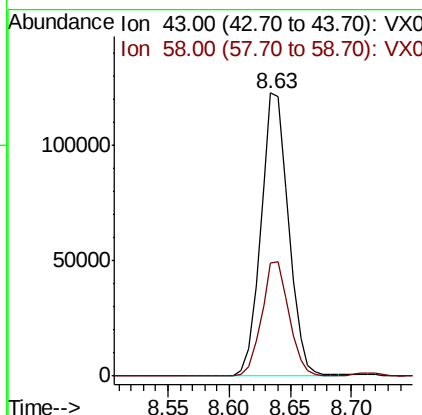
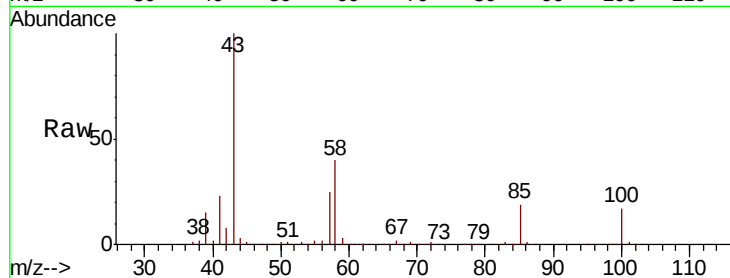




#51
 4-Methyl-2-Pentanone
 Concen: 94.137 ug/l
 RT: 8.63 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VX011345.D
 Acq: 06 Aug 2019 11:54

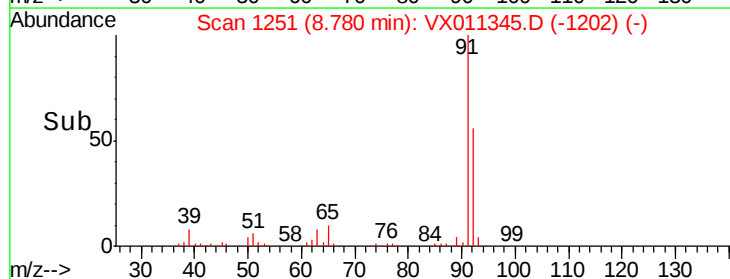
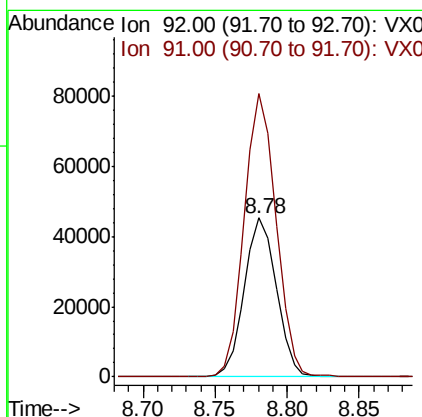
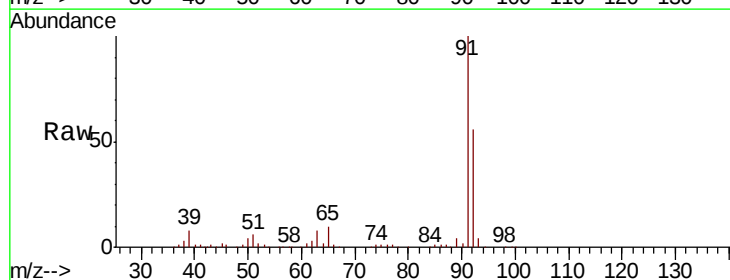
Instrument :
 MSVOA_X
 ClientSampled :
 VX0806WBS01

Tgt Ion: 43 Resp: 193179
 Ion Ratio Lower Upper
 43 100
 58 40.1 32.3 48.5



#52
 Toluene
 Concen: 17.915 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VX011345.D
 Acq: 06 Aug 2019 11:54

Tgt Ion: 92 Resp: 70085
 Ion Ratio Lower Upper
 92 100
 91 176.4 139.4 209.0

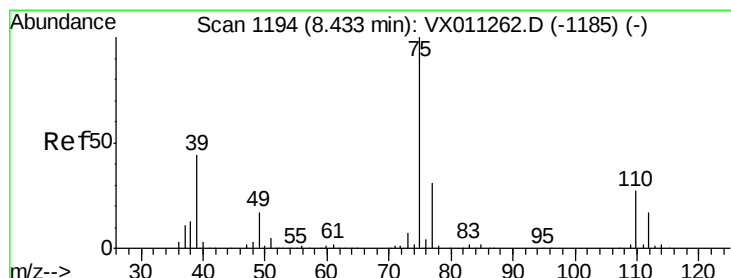
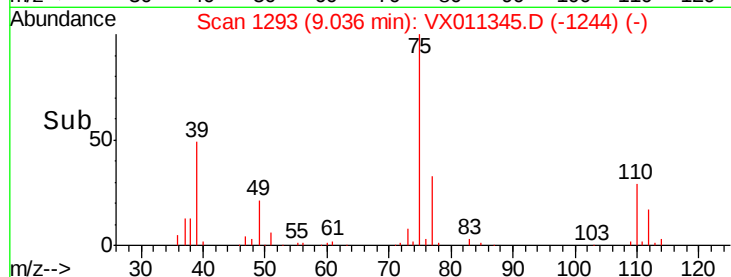
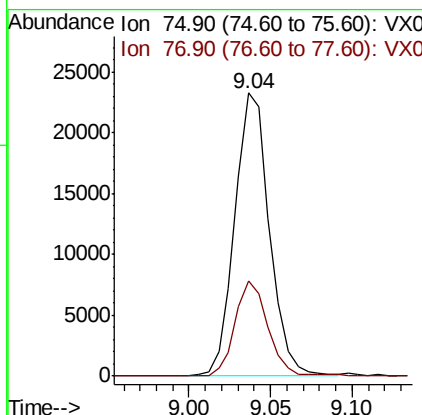
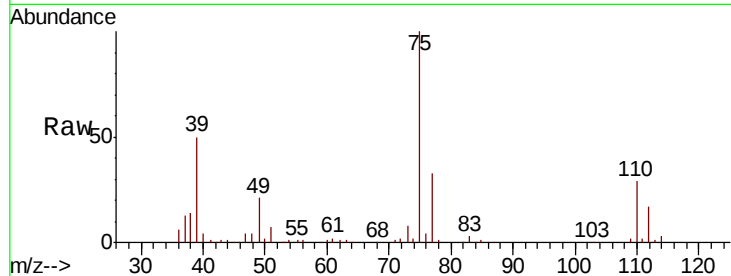




#53
 t-1,3-Dichloropropene
 Concen: 17.571 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX011345.D
 Acq: 06 Aug 2019 11:54

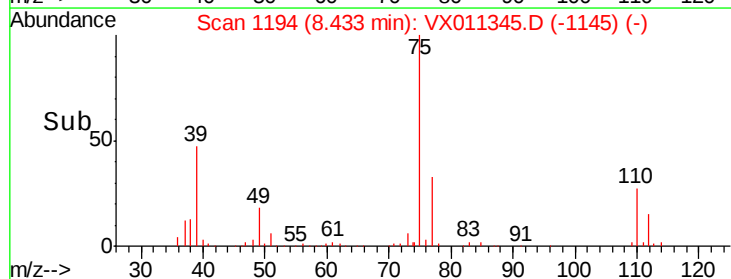
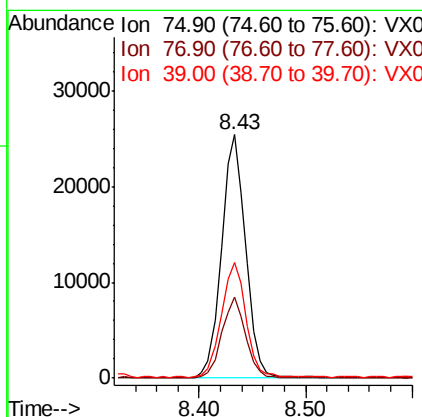
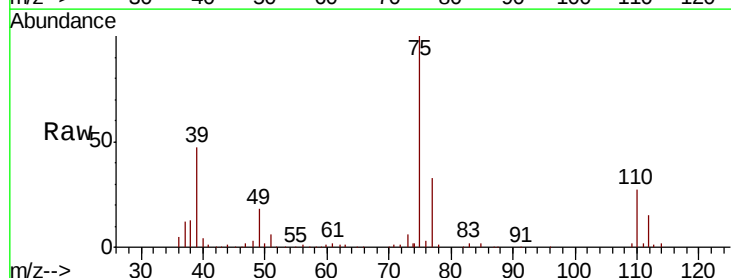
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0806WBS01

Tgt Ion: 75 Resp: 34450
 Ion Ratio Lower Upper
 75 100
 77 33.4 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 18.188 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX011345.D
 Acq: 06 Aug 2019 11:54

Tgt Ion: 75 Resp: 40239
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.0 37.6
 39 46.9 35.3 52.9

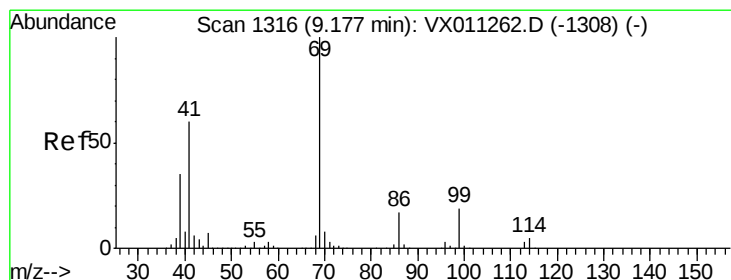
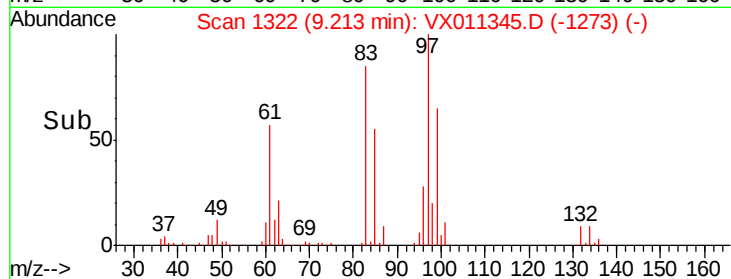
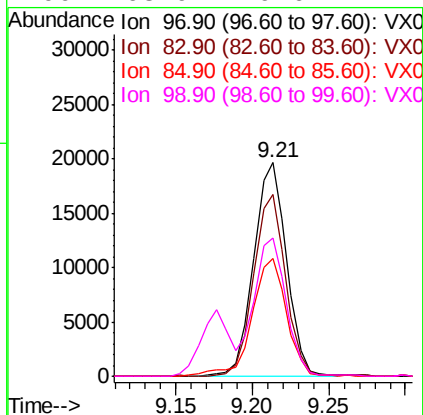
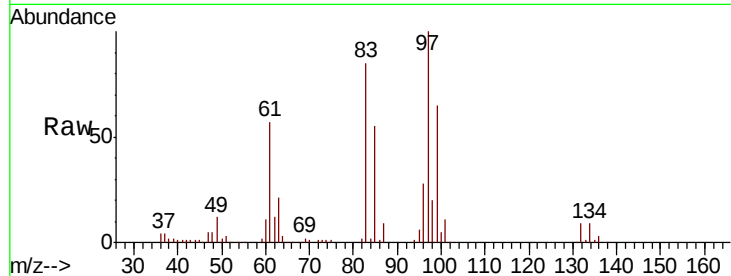




#55
 1,1,2-Trichloroethane
 Concen: 18.217 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX011345.D
 Acq: 06 Aug 2019 11:54

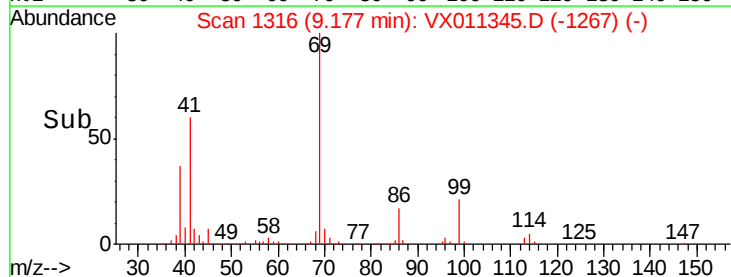
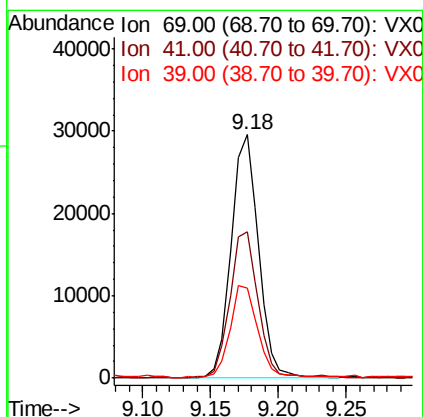
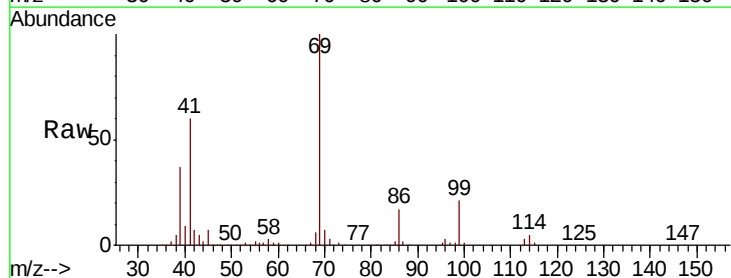
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0806WBS01

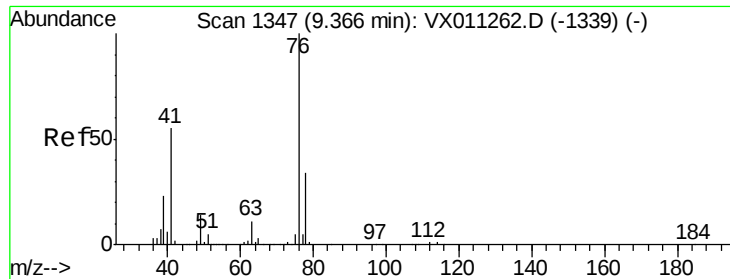
Tgt Ion:	97	Resp:	29301
Ion	Ratio	Lower	Upper
97	100		
83	85.3	67.6	101.4
85	54.8	43.4	65.0
99	63.9	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 18.115 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX011345.D
 Acq: 06 Aug 2019 11:54

Tgt Ion:	69	Resp:	41522
Ion	Ratio	Lower	Upper
69	100		
41	61.2	48.6	73.0
39	37.6	29.4	44.2

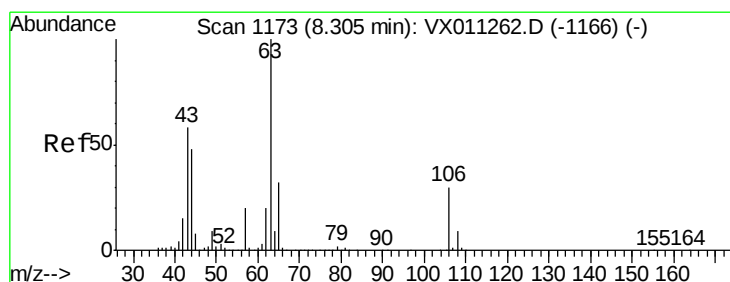
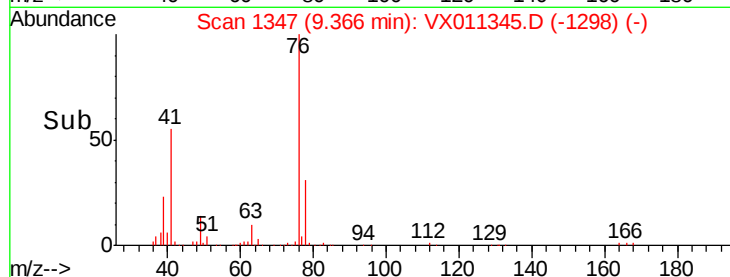
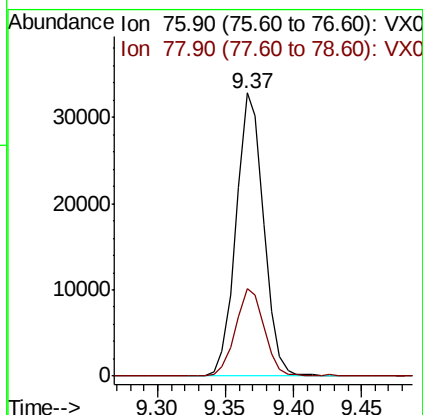
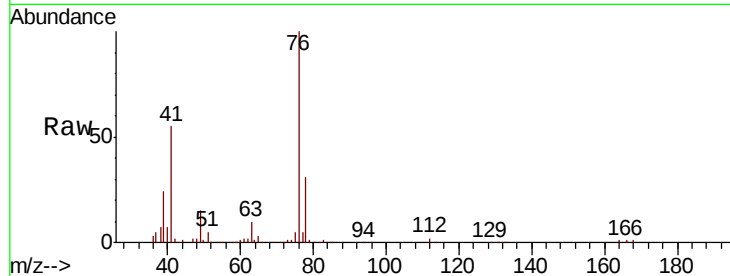




#57
 1,3-Dichloropropane
 Concen: 18.184 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.00 min
 Lab File: VX011345.D
 Acq: 06 Aug 2019 11:54

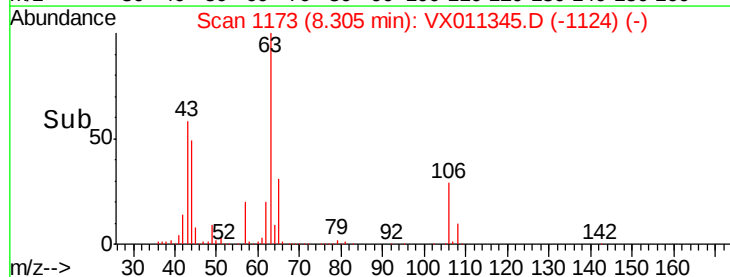
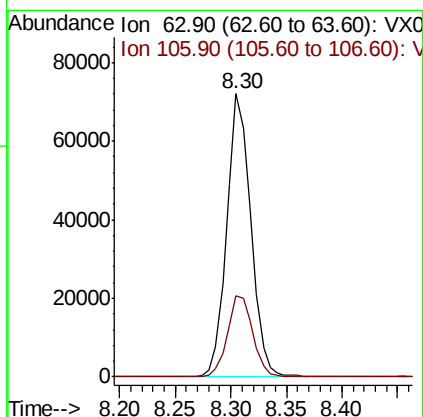
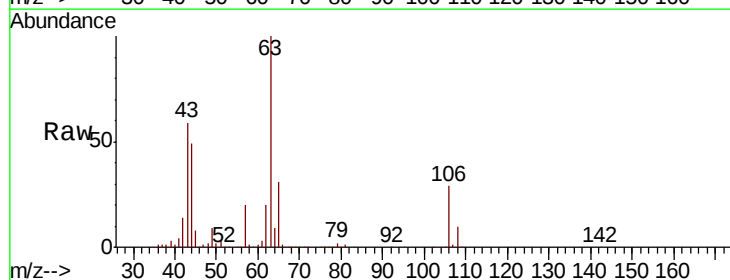
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0806WBS01

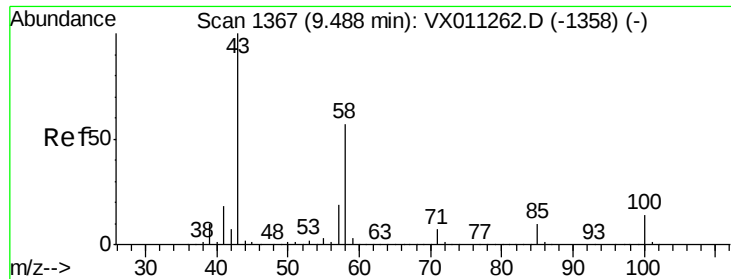
Tgt Ion: 76 Resp: 46255
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.634 ug/l
 RT: 8.30 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: VX011345.D
 Acq: 06 Aug 2019 11:54

Tgt Ion: 63 Resp: 107781
 Ion Ratio Lower Upper
 63 100
 106 29.9 24.4 36.6

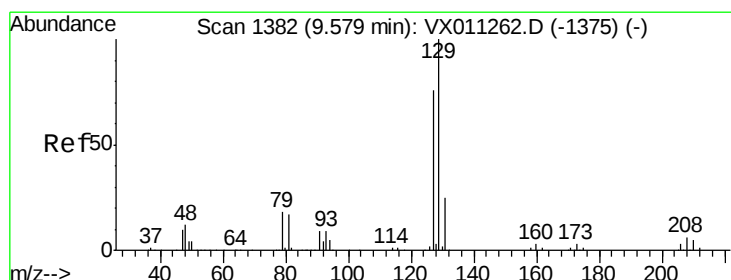
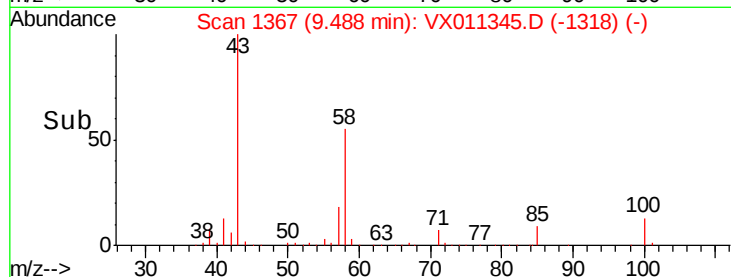
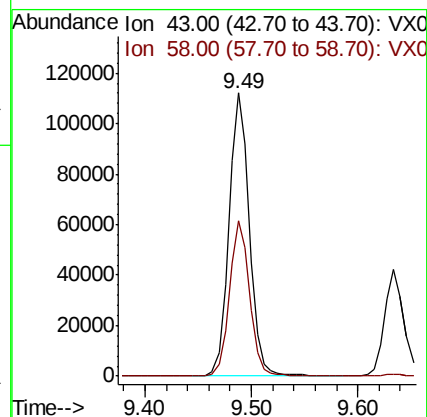
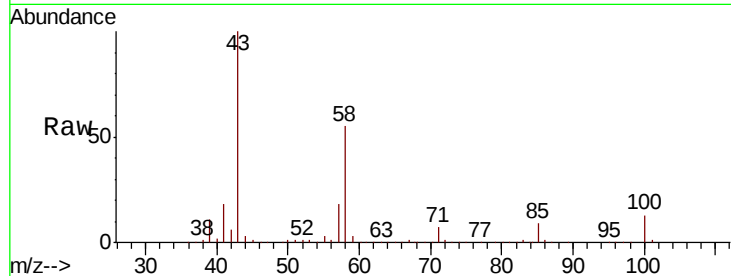




#59
2-Hexanone
Concen: 94.065 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

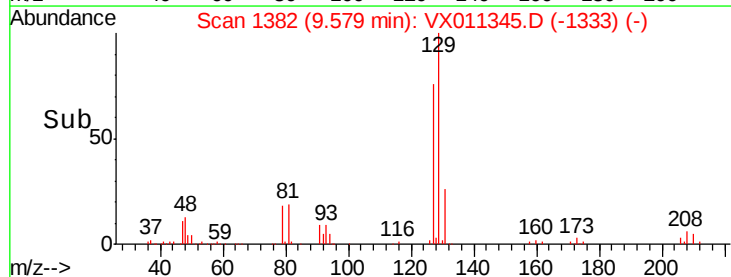
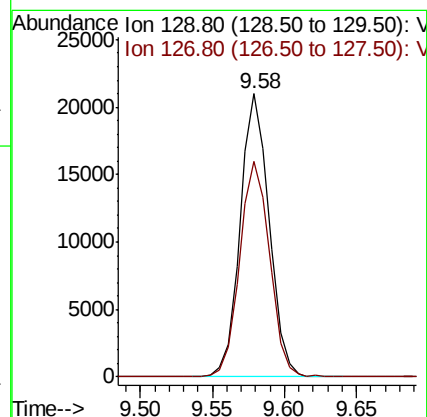
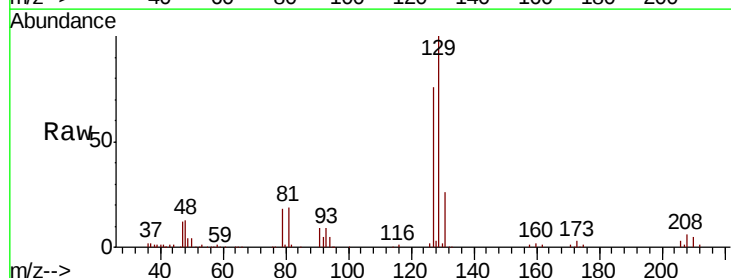
Instrument :
MSVOA_X
ClientSampleId :
VX0806WBS01

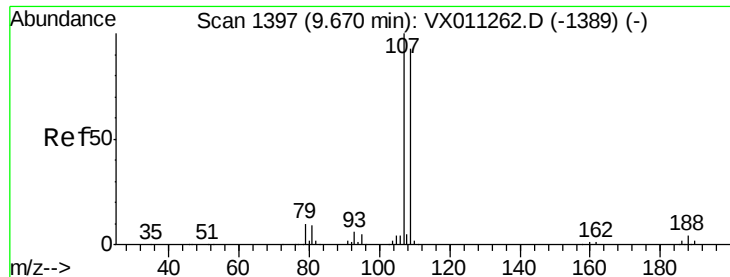
Tgt Ion: 43 Resp: 149515
Ion Ratio Lower Upper
43 100
58 54.6 28.2 84.6



#60
Dibromochloromethane
Concen: 17.805 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

Tgt Ion: 129 Resp: 29321
Ion Ratio Lower Upper
129 100
127 78.8 39.2 117.6





#61

1,2-Dibromoethane

Concen: 17.956 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

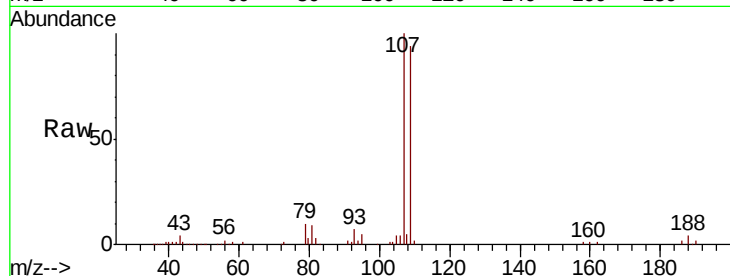
VX0806WBS01

Tgt Ion: 107 Resp: 31204

Ion Ratio Lower Upper

107 100

109 94.8 76.6 114.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

25000

20000

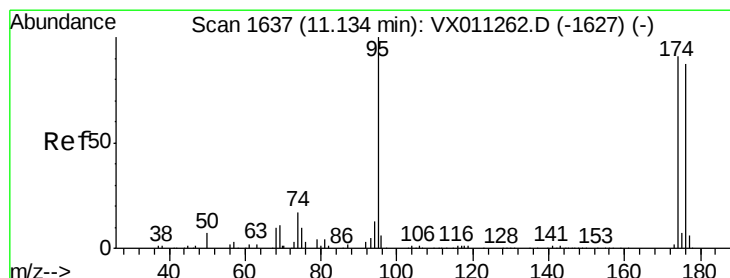
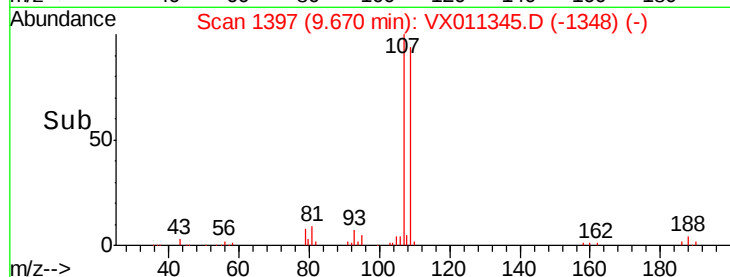
15000

10000

5000

0

Time--> 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 48.436 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

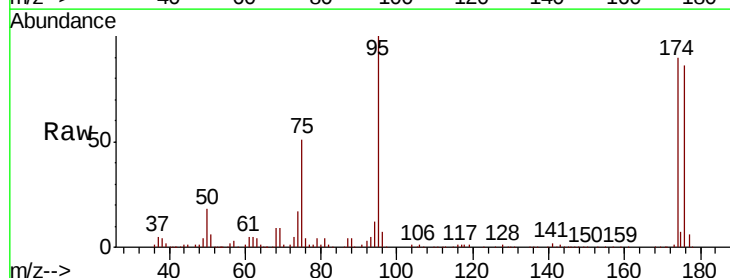
Tgt Ion: 95 Resp: 96784

Ion Ratio Lower Upper

95 100

174 94.0 0.0 191.2

176 90.9 0.0 184.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

100000

80000

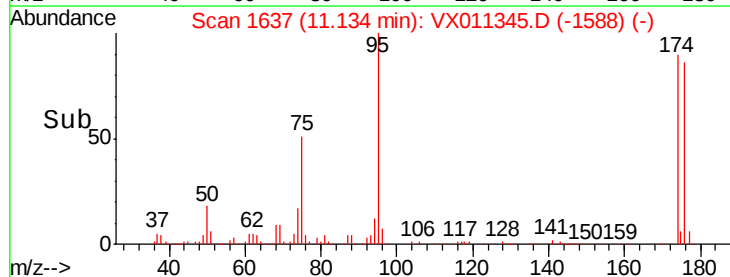
60000

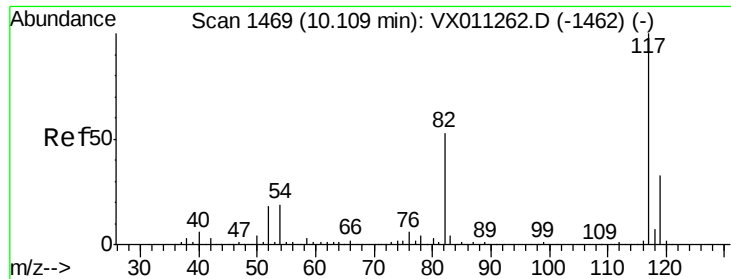
40000

20000

0

Time--> 11.10 11.20

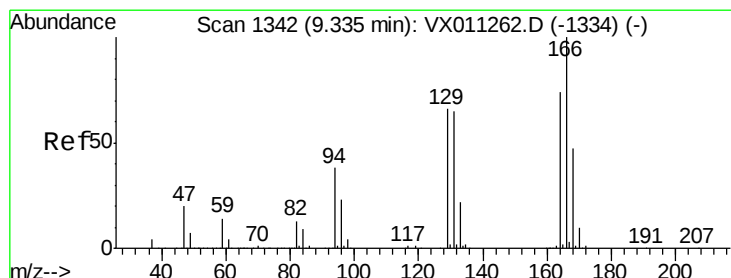
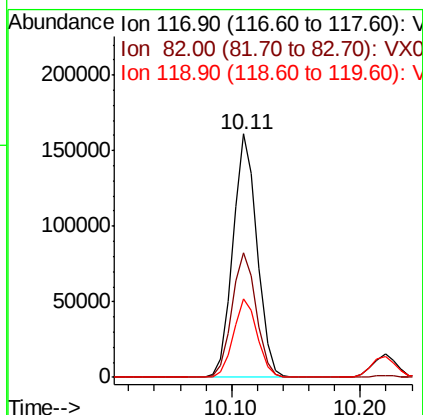
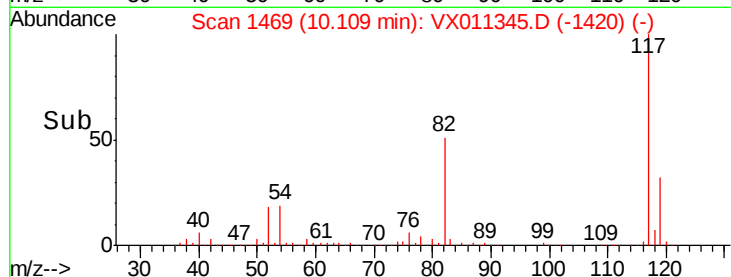
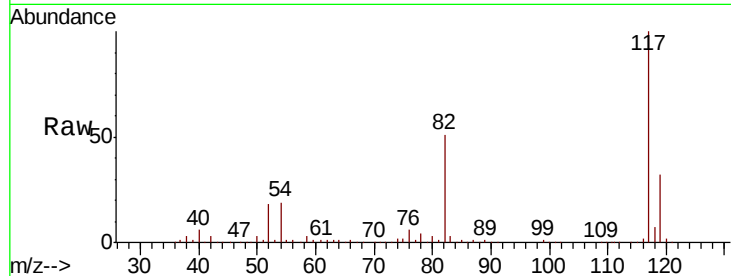




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

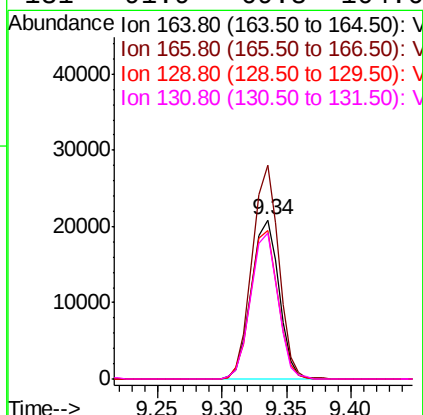
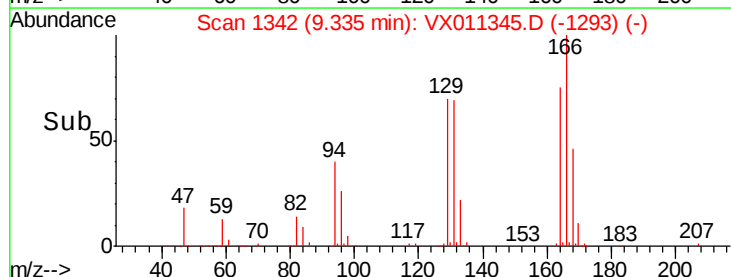
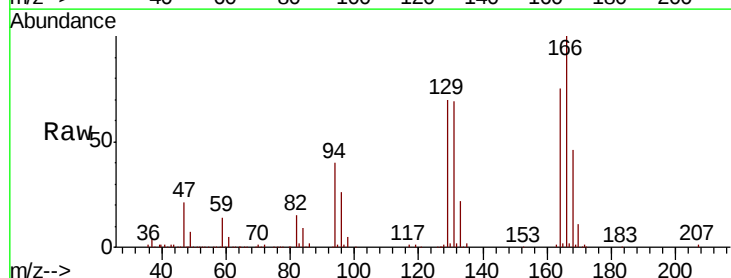
Instrument :
MSVOA_X
ClientSampleId :
VX0806WBS01

Tgt Ion:117 Resp: 210612
Ion Ratio Lower Upper
117 100
82 51.2 42.2 63.2
119 32.1 26.6 39.8



#64
Tetrachloroethene
Concen: 17.275 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

Tgt Ion:164 Resp: 30898
Ion Ratio Lower Upper
164 100
166 134.1 107.5 161.3
129 93.3 71.0 106.4
131 91.9 69.8 104.6

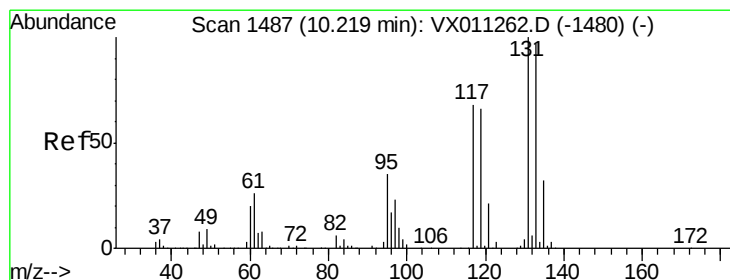
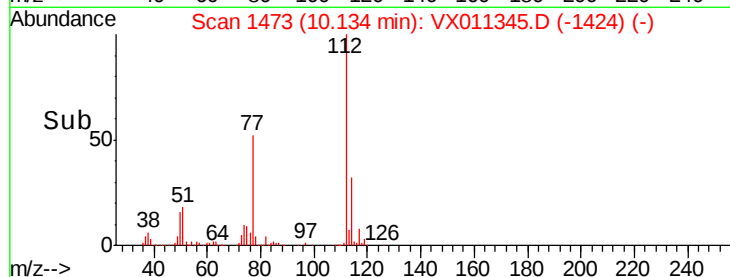
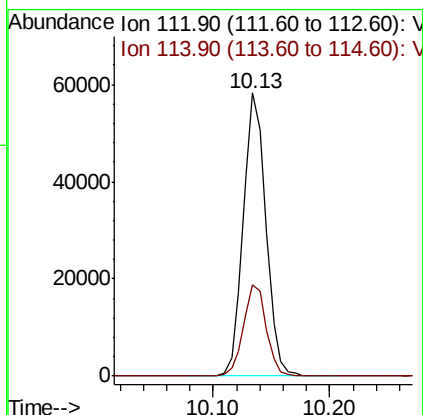
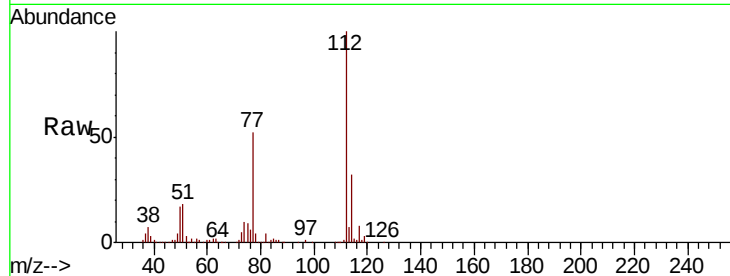




#65
Chlorobenzene
Concen: 17.608 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

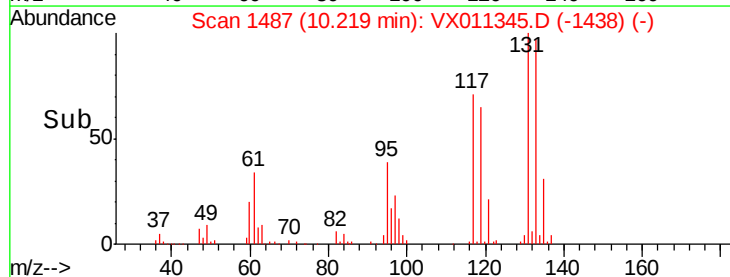
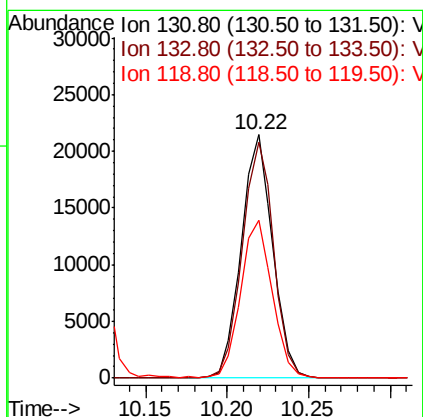
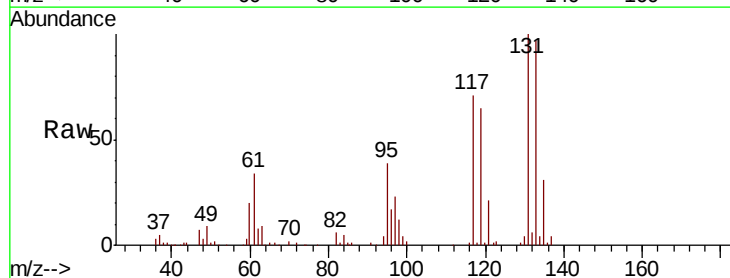
Instrument :
MSVOA_X
ClientSampleId :
VX0806WBS01

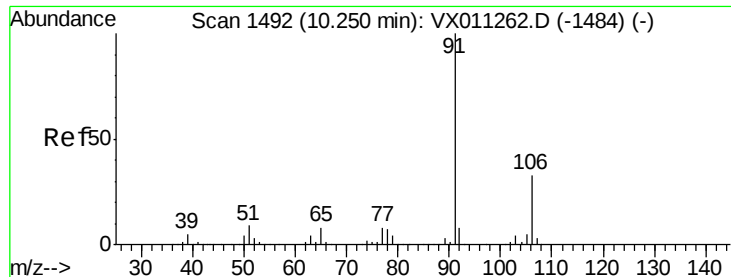
Tgt Ion:112 Resp: 79514
Ion Ratio Lower Upper
112 100
114 32.2 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 18.621 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

Tgt Ion:131 Resp: 28788
Ion Ratio Lower Upper
131 100
133 97.0 47.7 143.1
119 65.5 32.8 98.3

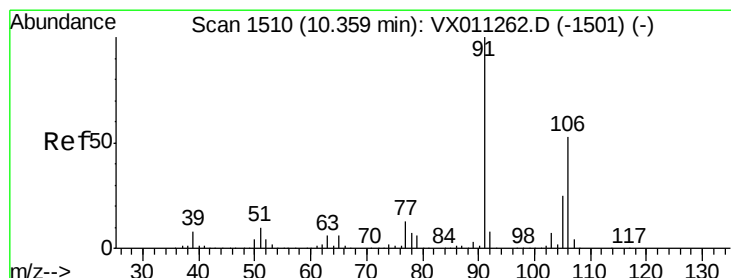
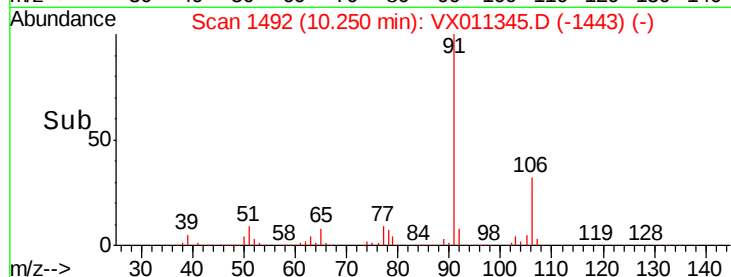
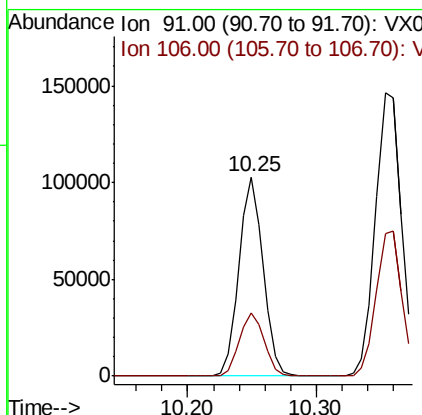
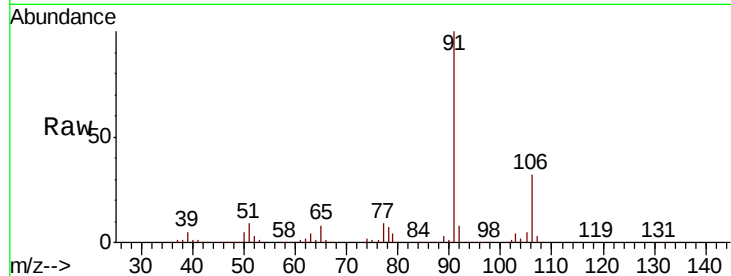




#67
Ethyl Benzene
Concen: 17.639 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

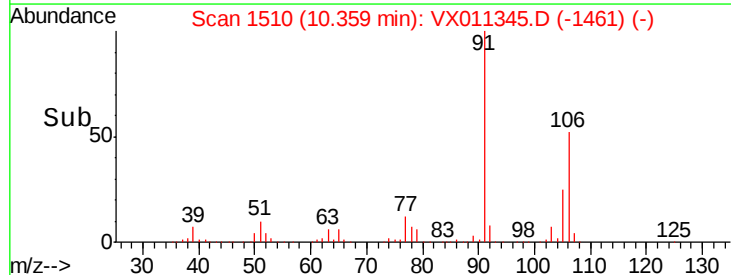
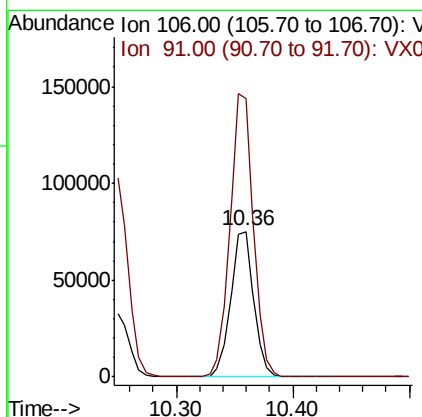
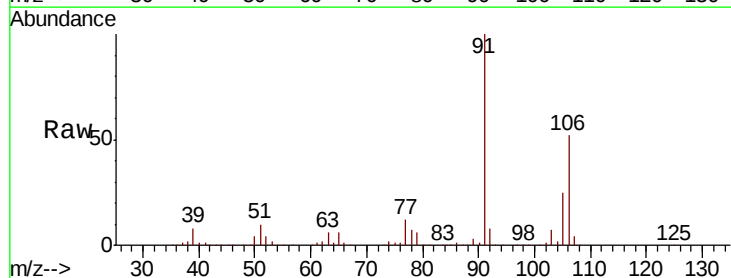
Instrument :
MSVOA_X
ClientSampleId :
VX0806WBS01

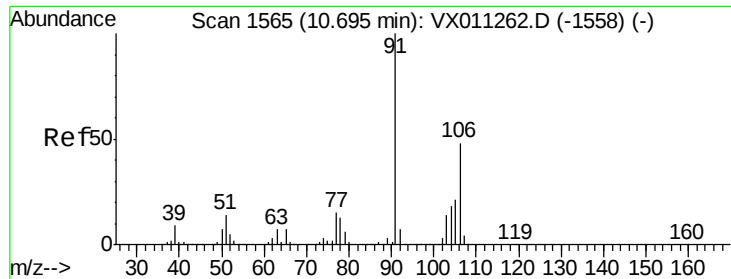
Tgt Ion: 91 Resp: 133400
Ion Ratio Lower Upper
91 100
106 32.0 26.2 39.4



#68
m/p-Xylenes
Concen: 35.427 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

Tgt Ion: 106 Resp: 103633
Ion Ratio Lower Upper
106 100
91 197.1 155.9 233.9

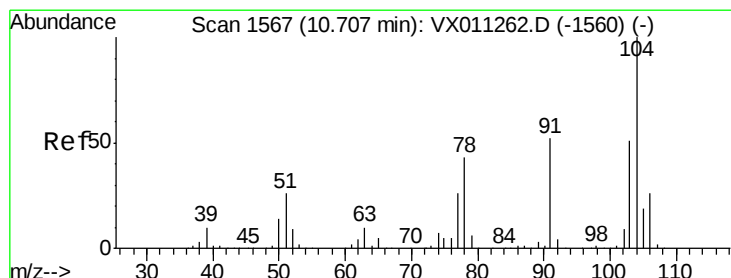
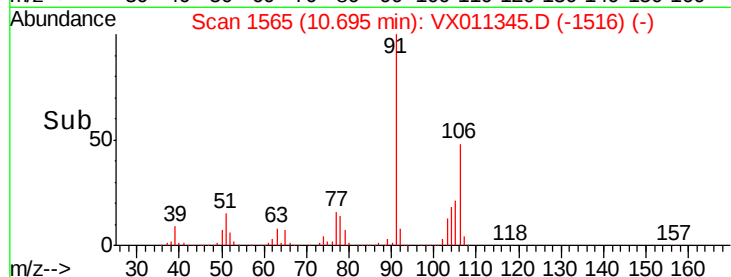
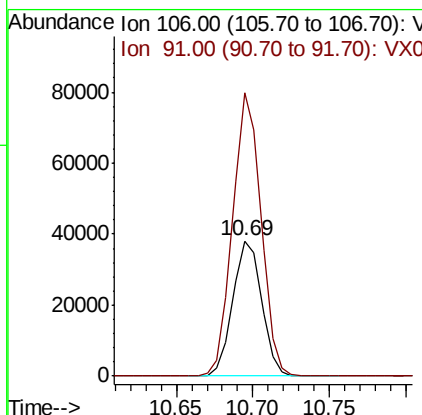
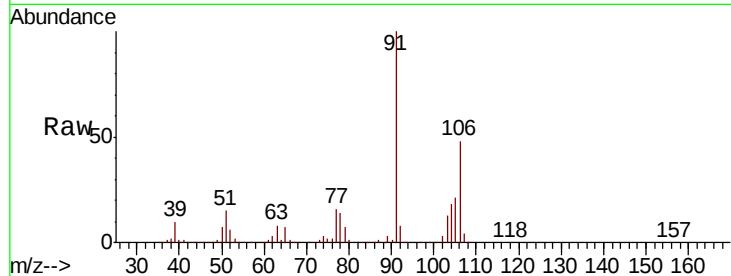




#69
o-Xylene
Concen: 17.407 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

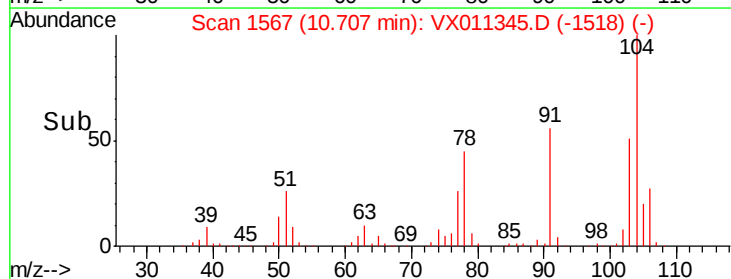
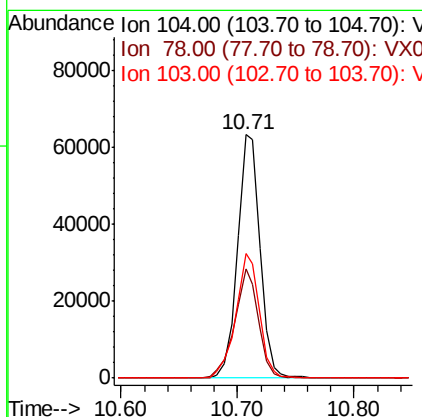
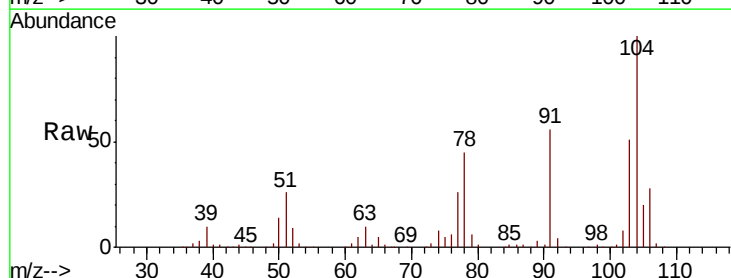
Instrument :
MSVOA_X
ClientSampled :
VX0806WBS01

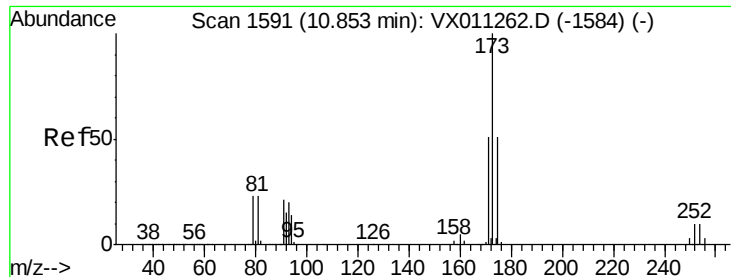
Tgt Ion:106 Resp: 50030
Ion Ratio Lower Upper
106 100
91 205.9 103.8 311.3



#70
Styrene
Concen: 17.948 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

Tgt Ion:104 Resp: 85357
Ion Ratio Lower Upper
104 100
78 47.0 36.9 55.3
103 53.7 44.4 66.6





#71

Bromoform

Concen: 17.036 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX0806WBS01

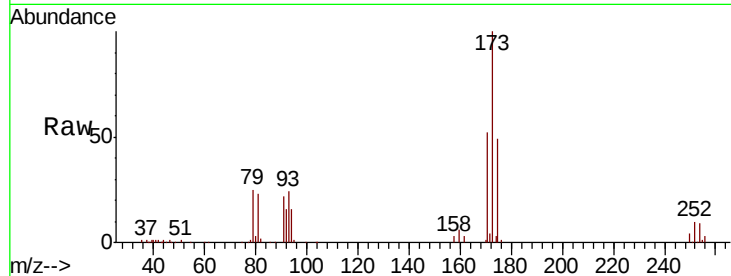
Tgt Ion:173 Resp: 20809

Ion Ratio Lower Upper

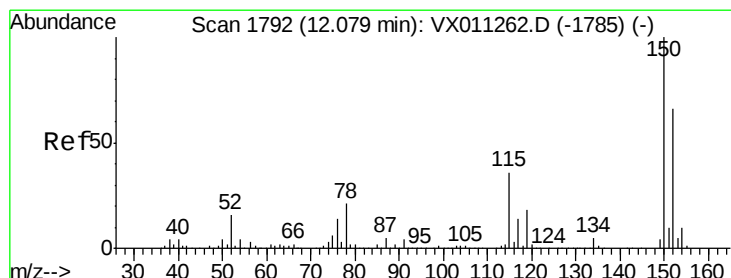
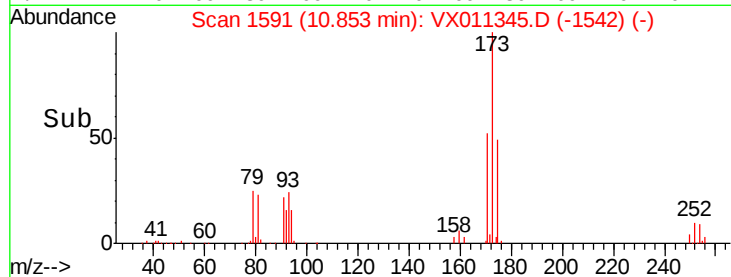
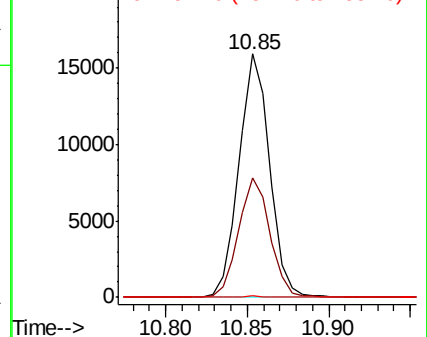
173 100

175 50.3 24.4 73.4

254 0.2 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

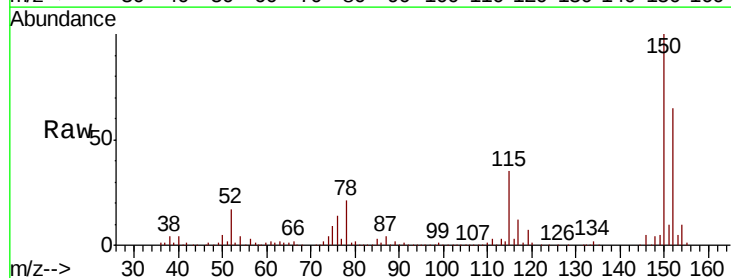
Tgt Ion:152 Resp: 109992

Ion Ratio Lower Upper

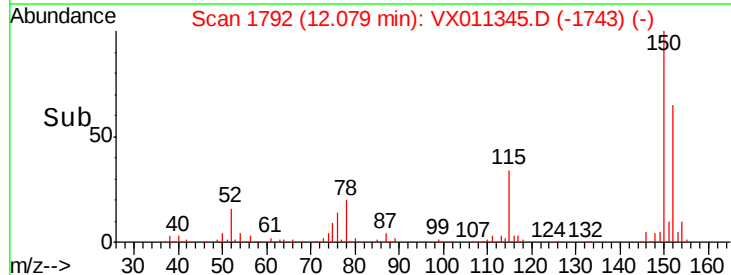
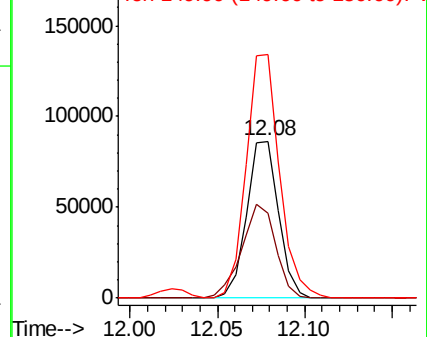
152 100

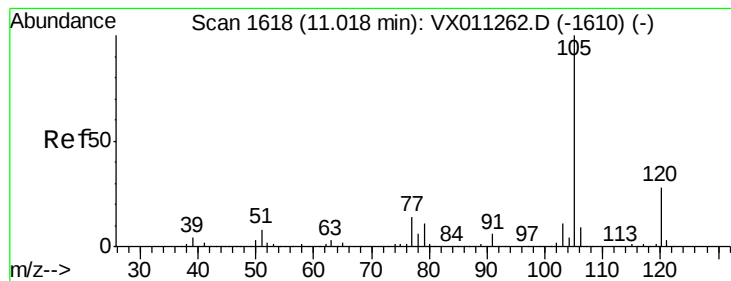
115 63.8 40.0 119.9

150 162.0 0.0 350.4



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





#73

Isopropylbenzene

Concen: 17.927 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

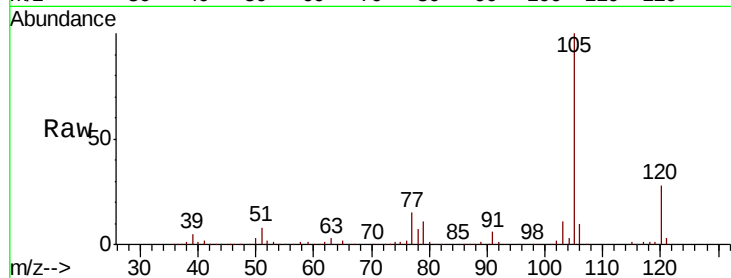
VX0806WBS01

Tgt Ion: 105 Resp: 134858

Ion Ratio Lower Upper

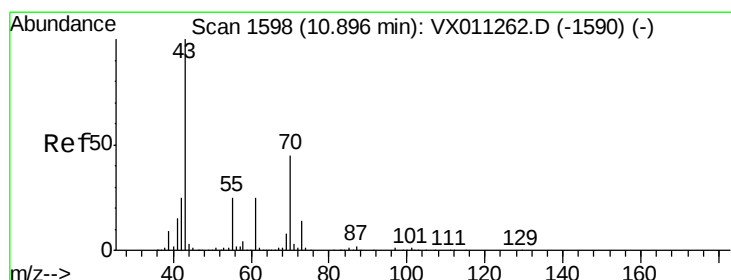
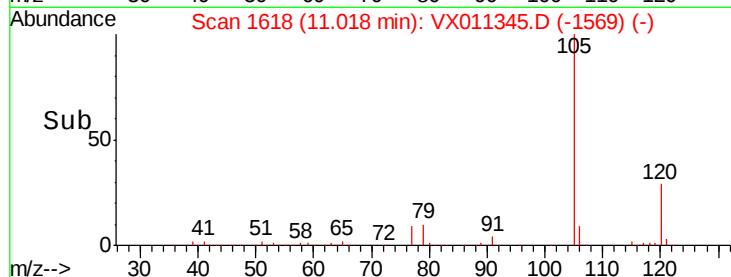
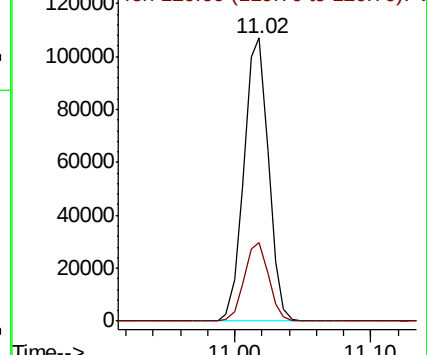
105 100

120 27.6 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.532 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Tgt Ion: 43 Resp: 50373

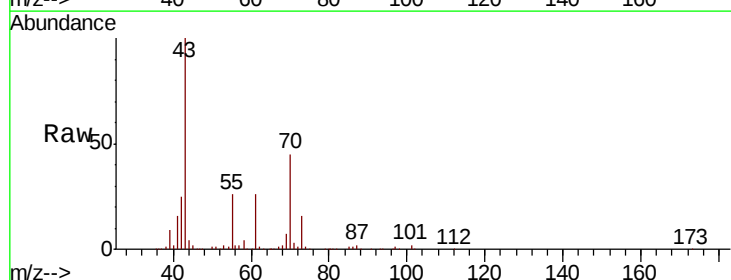
Ion Ratio Lower Upper

43 100

70 44.4 35.9 53.9

55 26.0 19.8 29.6

61 25.8 19.7 29.5

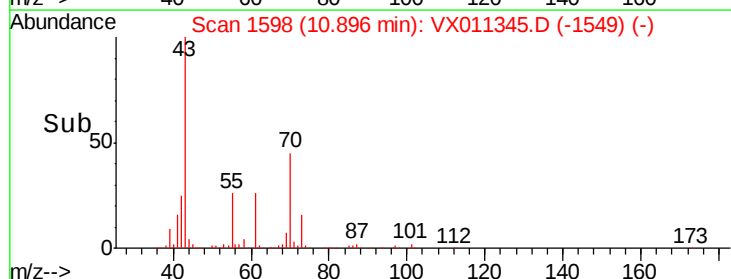
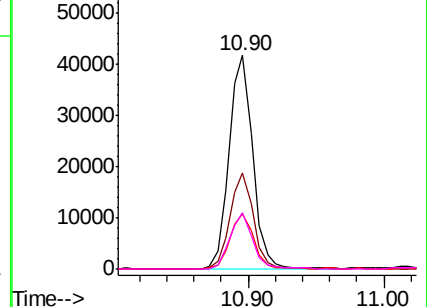


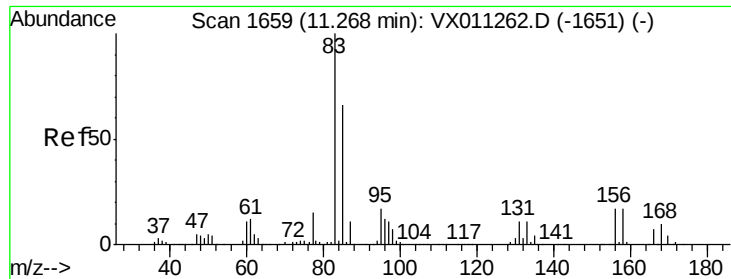
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 18.067 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX0806WBS01

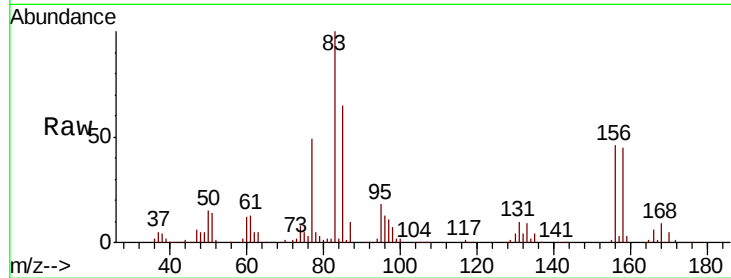
Tgt Ion: 83 Resp: 45293

Ion Ratio Lower Upper

83 100

131 11.1 5.6 16.8

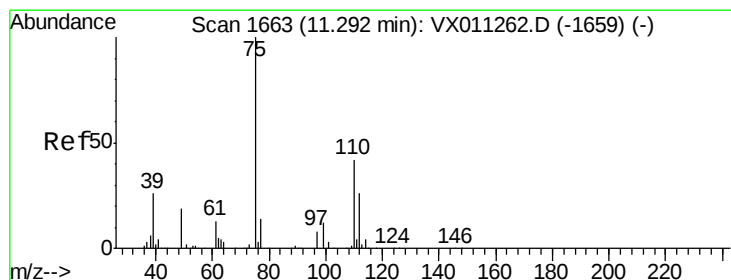
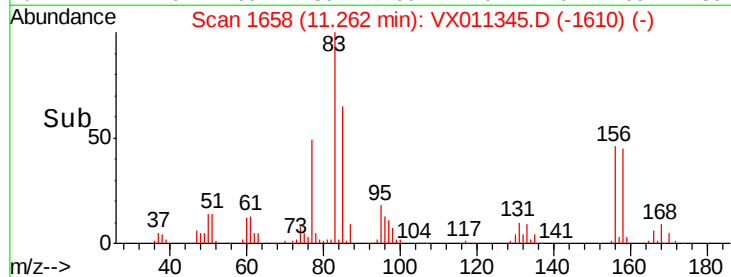
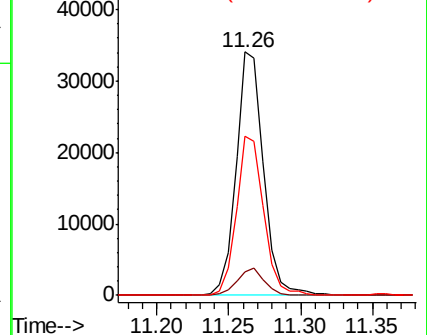
85 65.6 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.446 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX011345.D

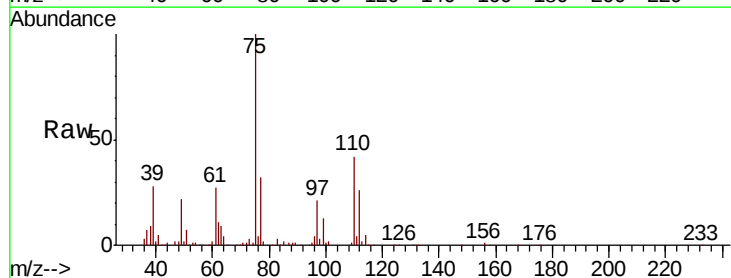
Acq: 06 Aug 2019 11:54

Tgt Ion: 75 Resp: 46965

Ion Ratio Lower Upper

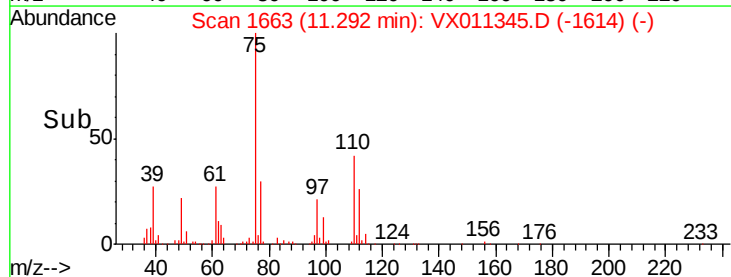
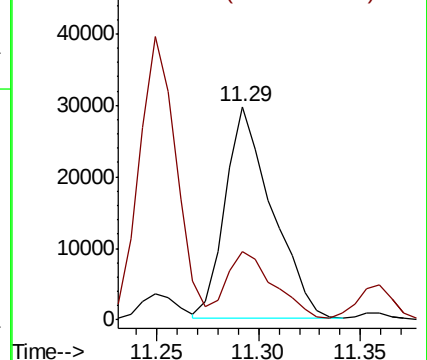
75 100

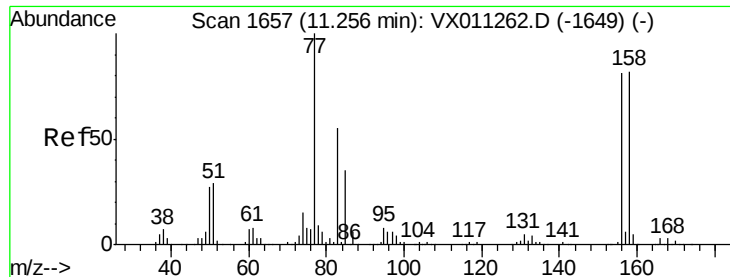
77 33.1 21.1 63.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

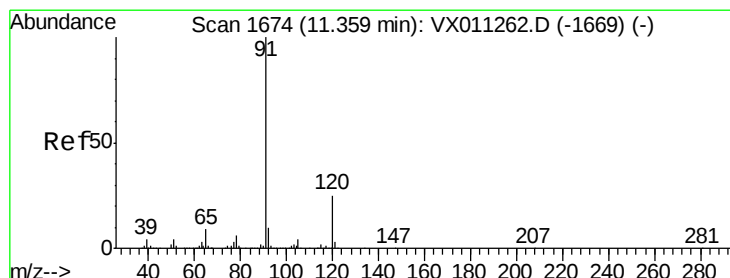
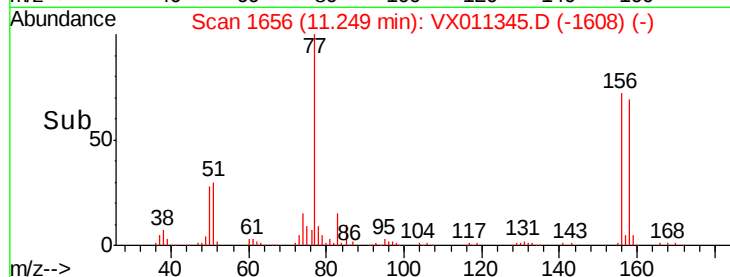
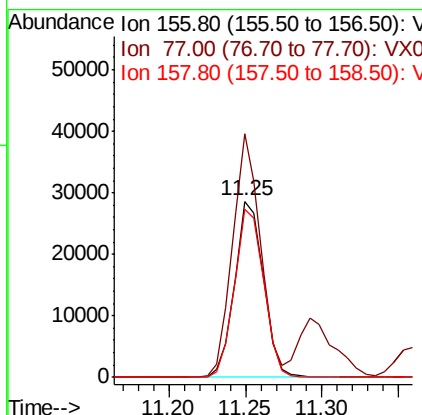
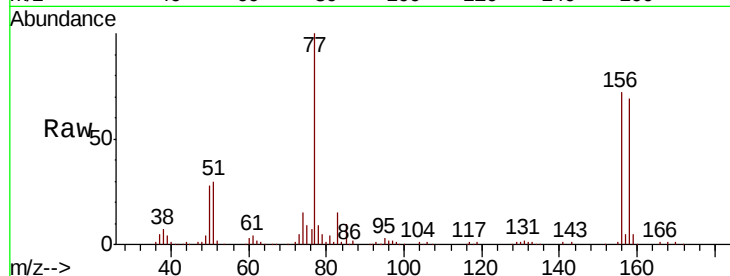




#77
Bromobenzene
Concen: 17.941 ug/l
RT: 11.25 min Scan# 1656
Delta R.T. -0.01 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

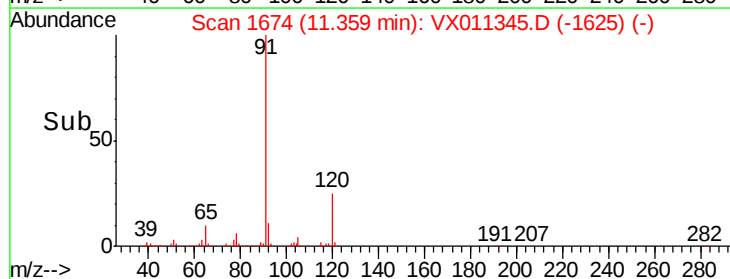
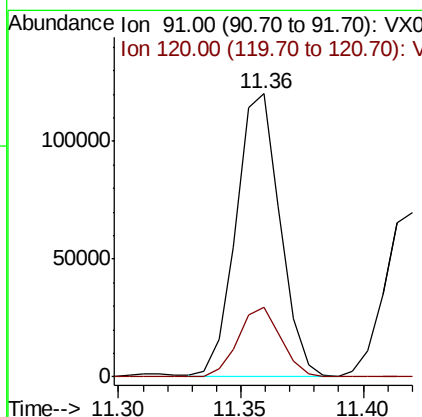
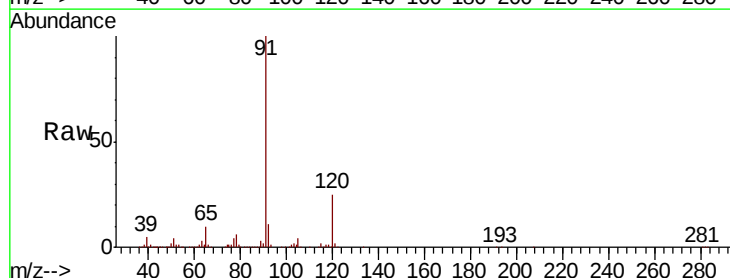
Instrument :
MSVOA_X
ClientSampled :
VX0806WBS01

Tgt Ion:156 Resp: 37424
Ion Ratio Lower Upper
156 100
77 133.7 66.2 198.6
158 96.6 49.1 147.3



#78
n-propylbenzene
Concen: 17.821 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

Tgt Ion: 91 Resp: 149087
Ion Ratio Lower Upper
91 100
120 24.1 12.4 37.0

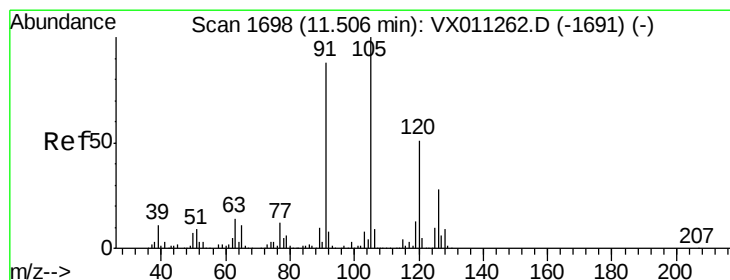
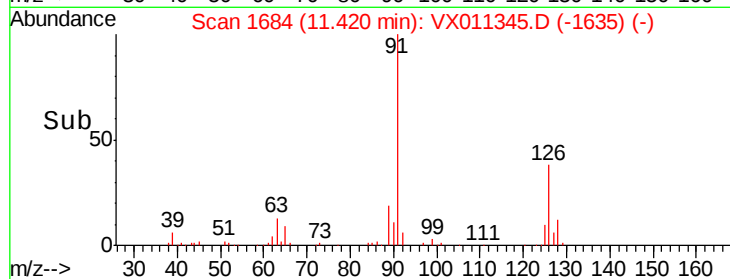
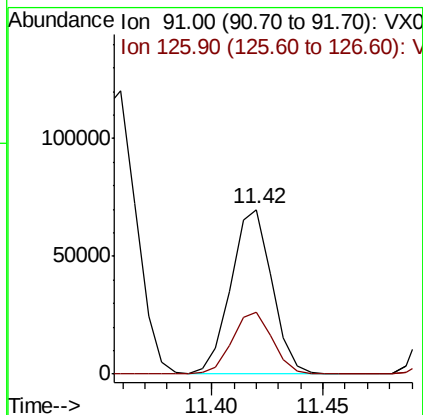
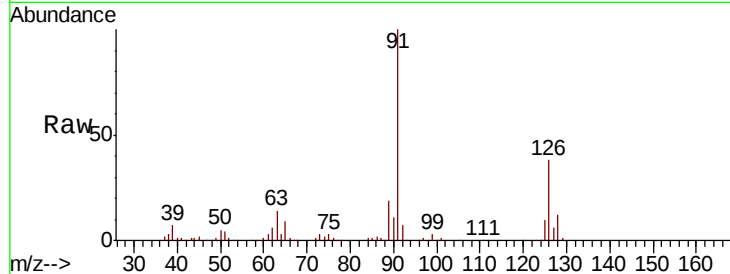




#79
 2-Chlorotoluene
 Concen: 17.929 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX011345.D
 Acq: 06 Aug 2019 11:54

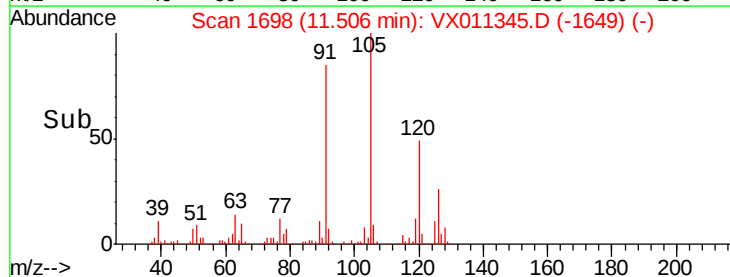
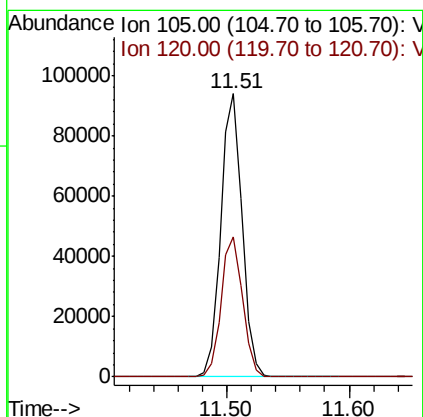
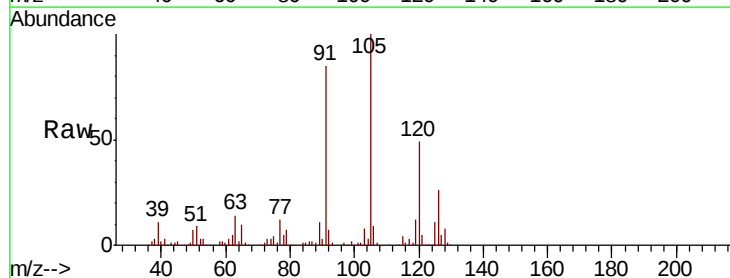
Instrument :
 MSVOA_X
 ClientSampled :
 VX0806WBS01

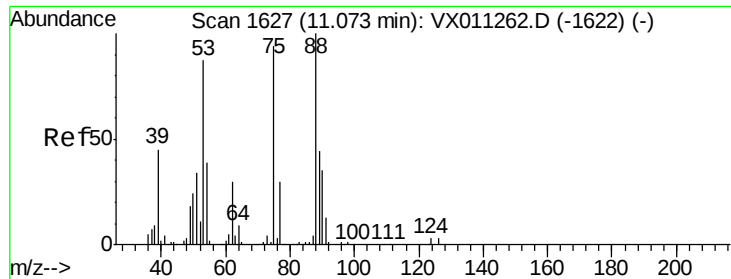
Tgt Ion: 91 Resp: 89399
 Ion Ratio Lower Upper
 91 100
 126 37.2 18.5 55.5



#80
 1,3,5-Trimethylbenzene
 Concen: 18.044 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX011345.D
 Acq: 06 Aug 2019 11:54

Tgt Ion: 105 Resp: 113626
 Ion Ratio Lower Upper
 105 100
 120 49.8 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 18.801 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX0806WBS01

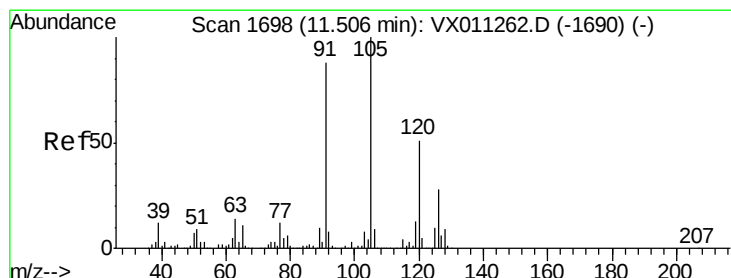
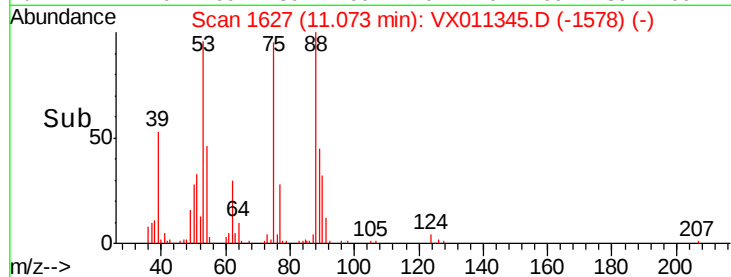
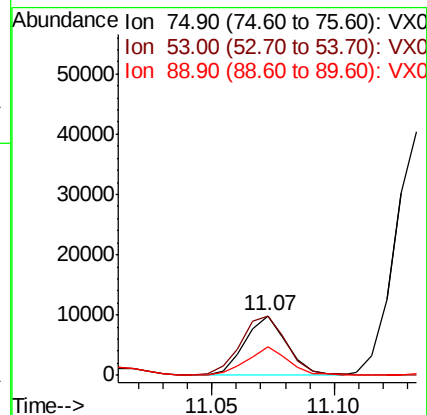
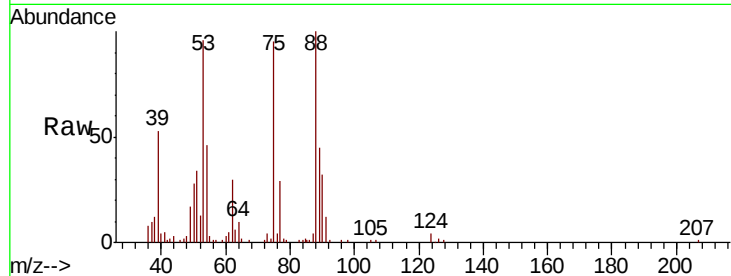
Tgt Ion: 75 Resp: 11773

Ion Ratio Lower Upper

75 100

53 107.4 78.2 117.4

89 46.9 37.9 56.9



#82

4-Chlorotoluene

Concen: 17.818 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011345.D

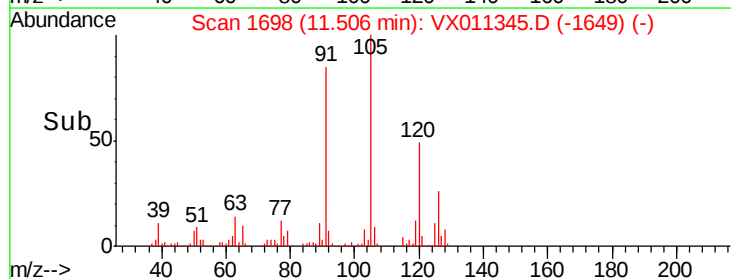
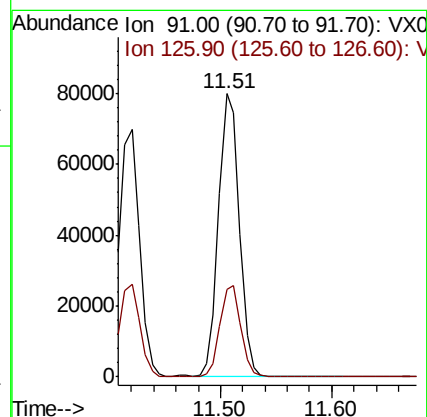
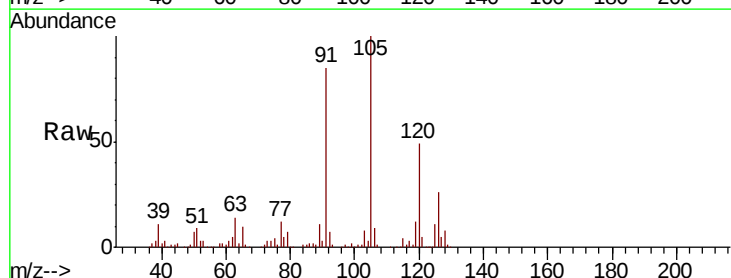
Acq: 06 Aug 2019 11:54

Tgt Ion: 91 Resp: 103541

Ion Ratio Lower Upper

91 100

126 32.3 16.4 49.2

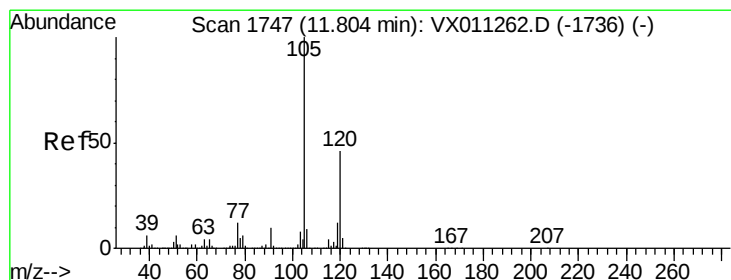
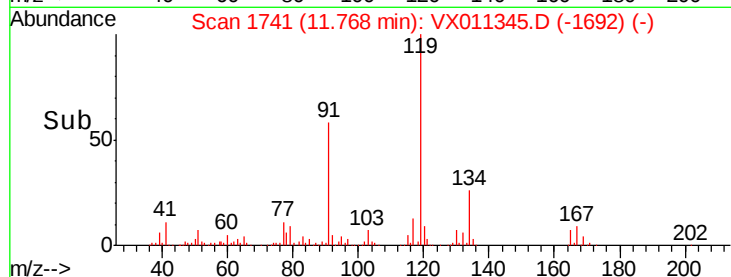
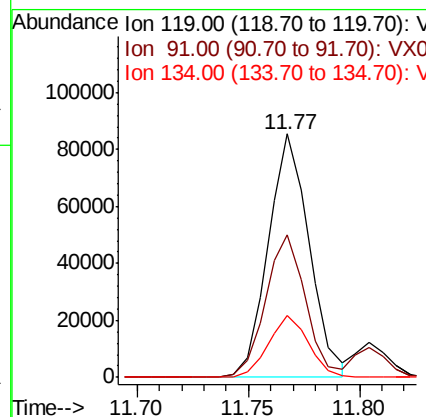
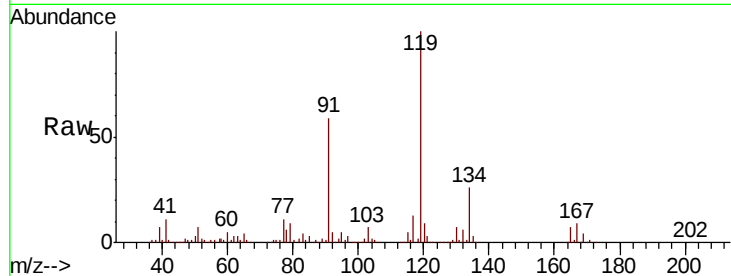




#83
 tert-Butylbenzene
 Concen: 17.629 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX011345.D
 Acq: 06 Aug 2019 11:54

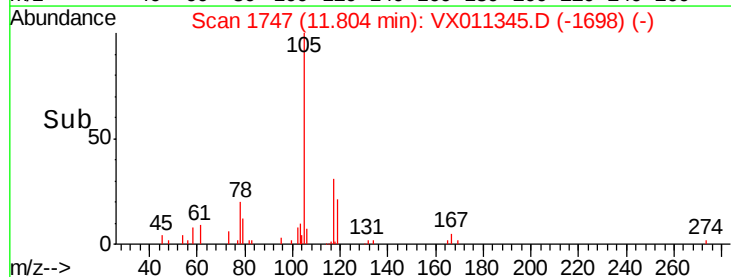
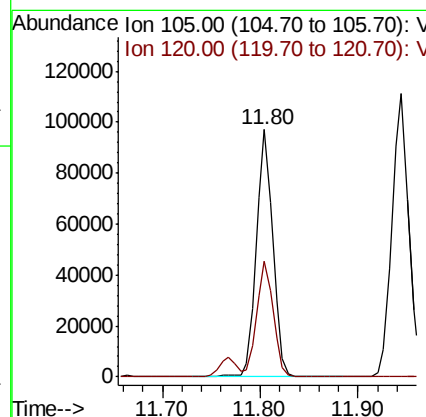
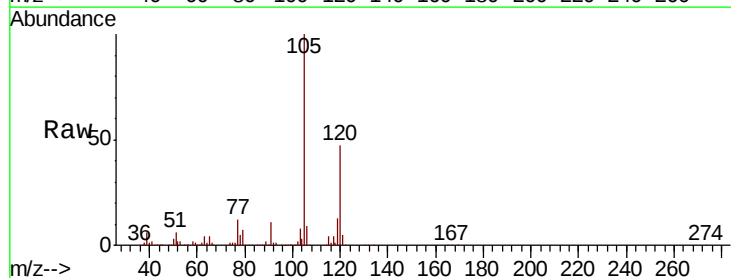
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0806WBS01

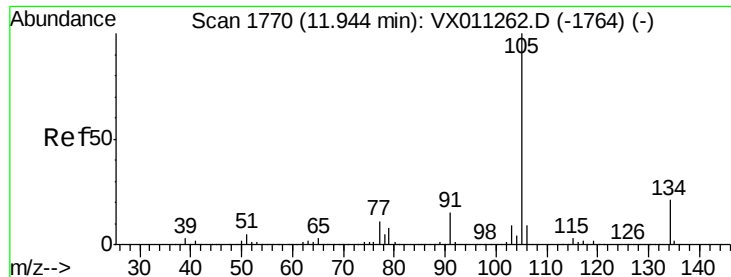
Tgt Ion:119 Resp: 108883
 Ion Ratio Lower Upper
 119 100
 91 57.4 28.0 84.0
 134 24.8 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 18.157 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX011345.D
 Acq: 06 Aug 2019 11:54

Tgt Ion:105 Resp: 113839
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.0 69.0





#85

sec-Butylbenzene

Concen: 17.797 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

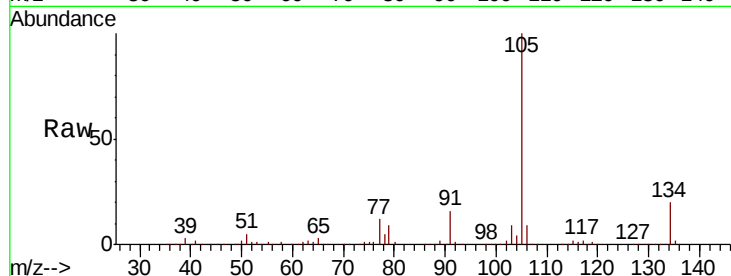
VX0806WBS01

Tgt Ion:105 Resp: 132061

Ion Ratio Lower Upper

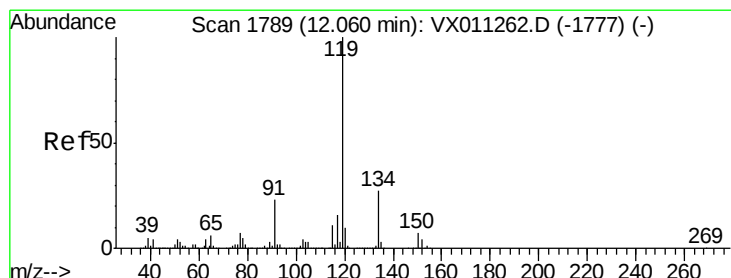
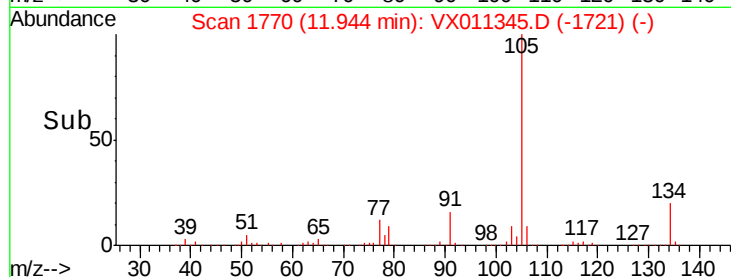
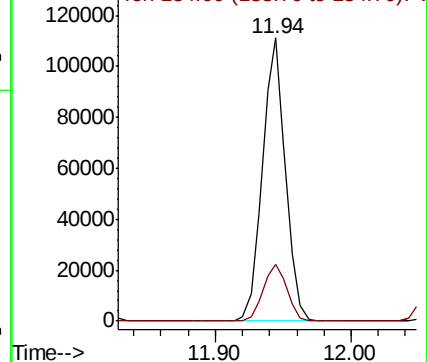
105 100

134 21.1 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 17.766 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

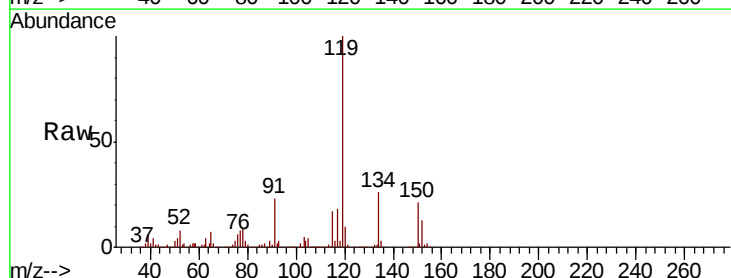
Tgt Ion:119 Resp: 121284

Ion Ratio Lower Upper

119 100

134 27.0 13.7 41.0

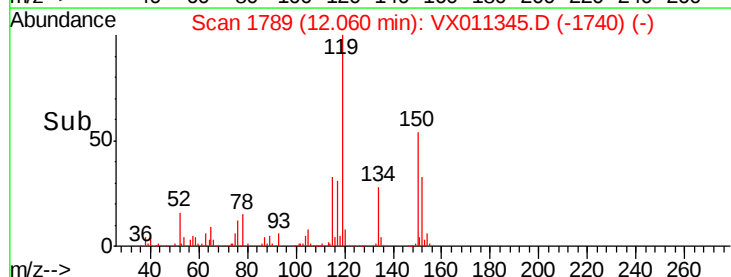
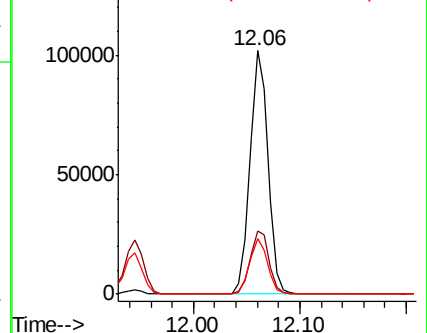
91 22.8 11.4 34.2

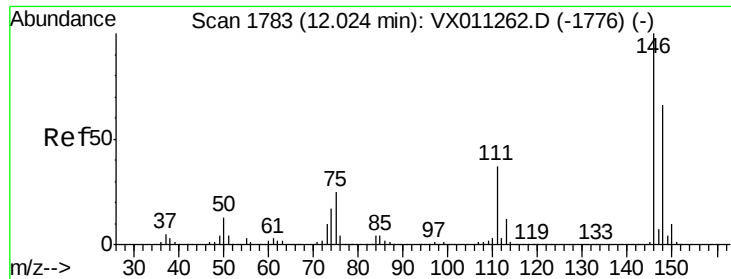


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 18.135 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX0806WBS01

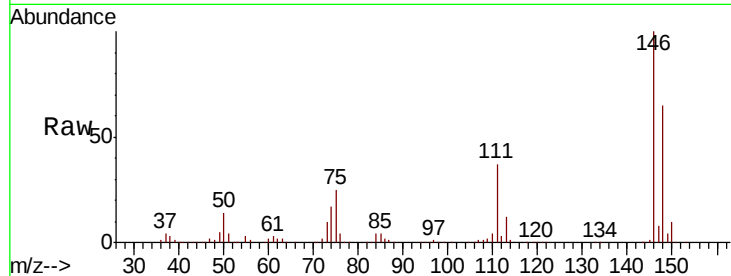
Tgt Ion:146 Resp: 66841

Ion Ratio Lower Upper

146 100

111 36.9 18.6 55.8

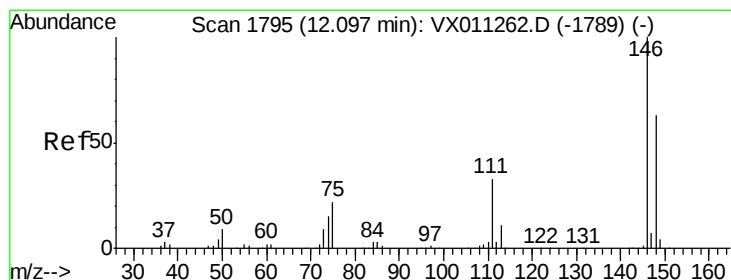
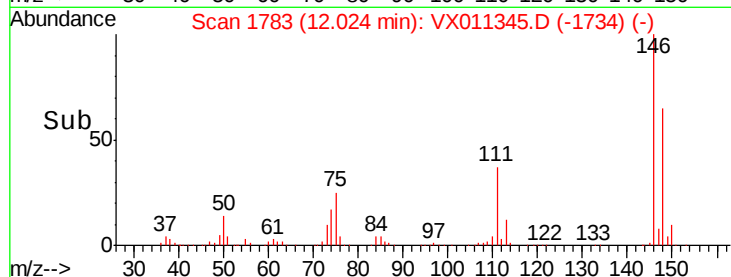
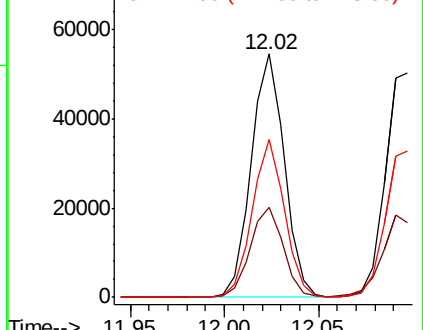
148 62.9 32.5 97.5



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



#88

1,4-Dichlorobenzene

Concen: 17.066 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX011345.D

Acq: 06 Aug 2019 11:54

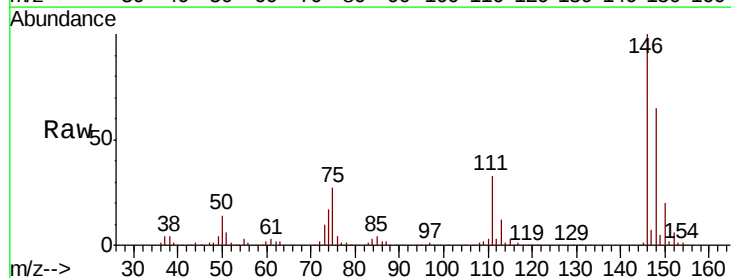
Tgt Ion:146 Resp: 64863

Ion Ratio Lower Upper

146 100

111 37.7 17.8 53.4

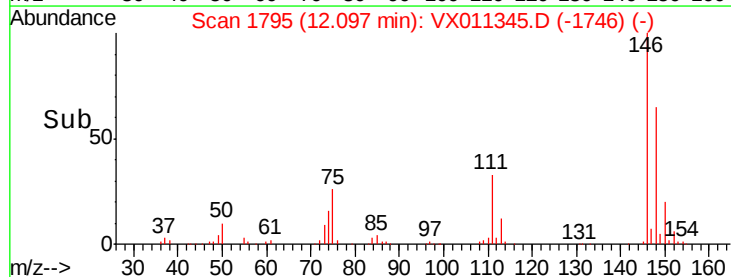
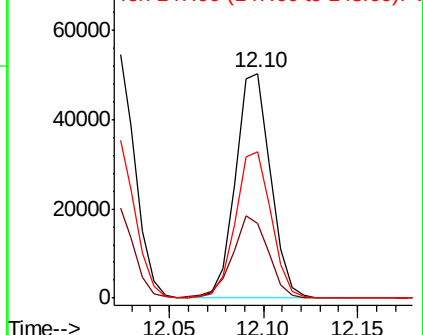
148 66.8 31.8 95.3

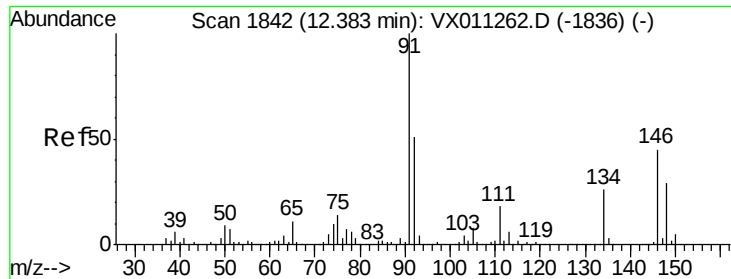


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

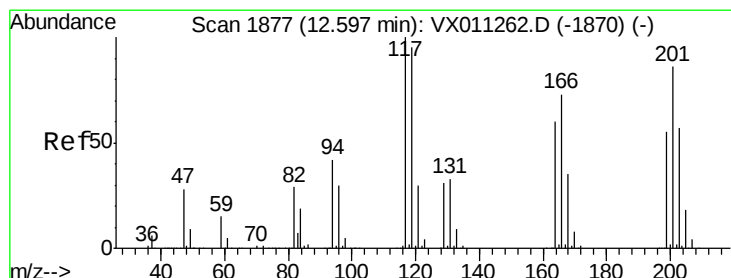
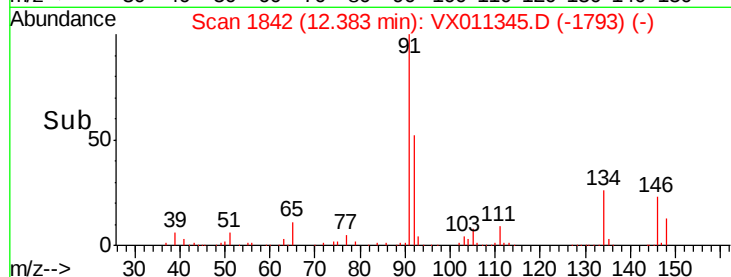
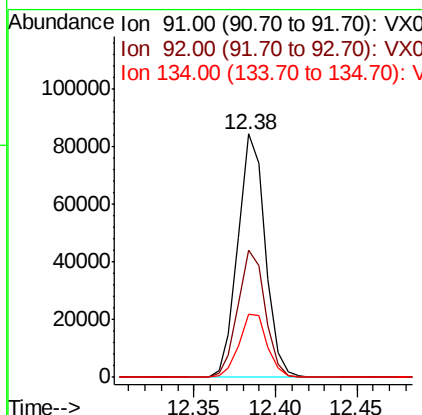
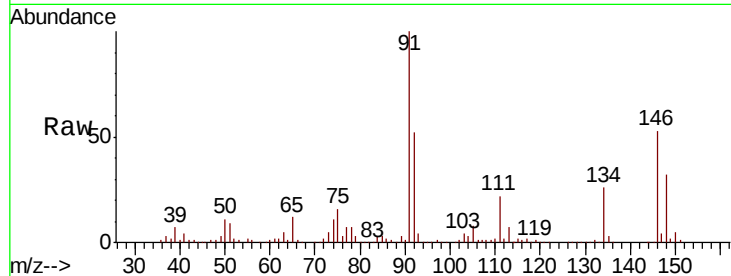




#89
n-Butylbenzene
Concen: 16.839 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

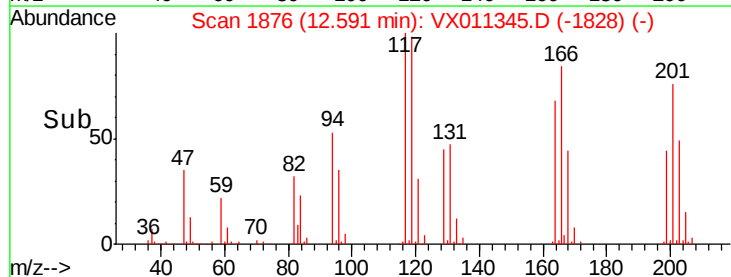
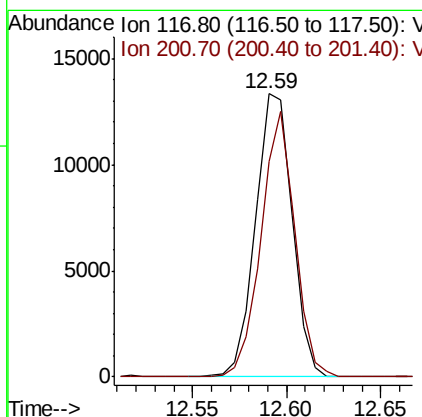
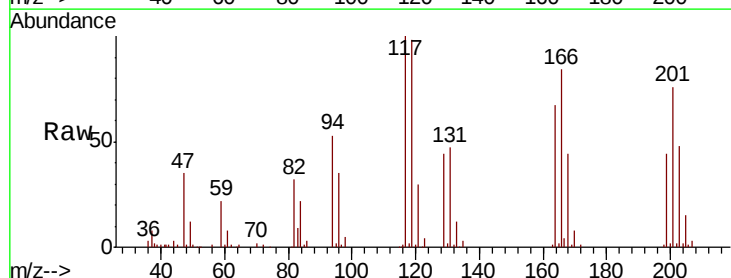
Instrument :
MSVOA_X
ClientSampled :
VX0806WBS01

Tgt Ion: 91 Resp: 99034
Ion Ratio Lower Upper
91 100
92 52.2 25.8 77.3
134 27.1 13.7 41.0



#90
Hexachloroethane
Concen: 17.825 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

Tgt Ion: 117 Resp: 17990
Ion Ratio Lower Upper
117 100
201 86.1 41.8 125.4

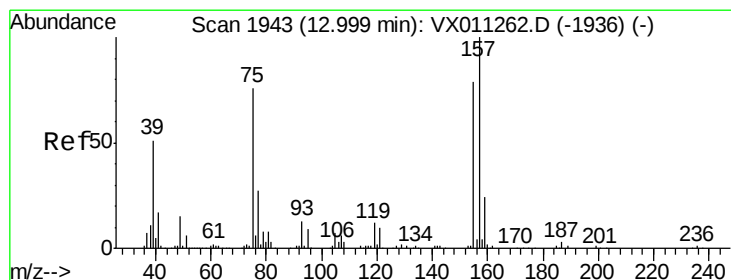
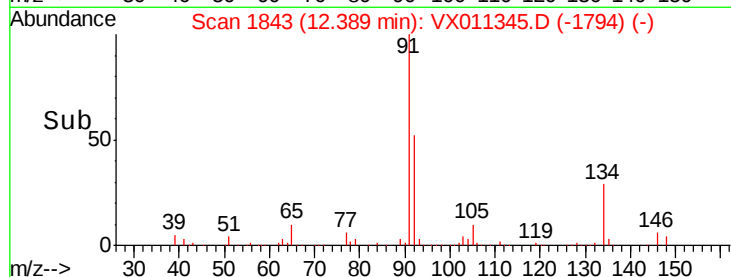
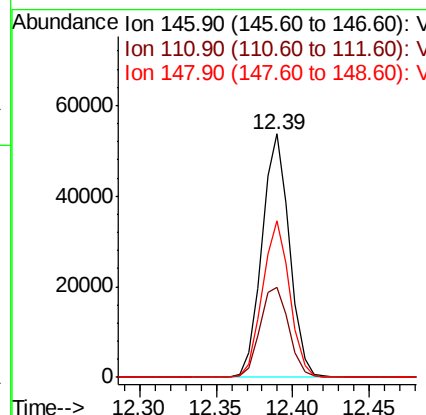
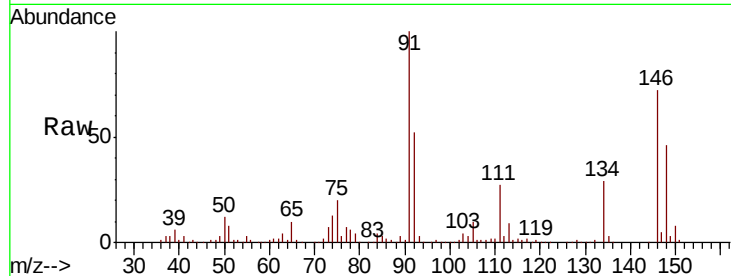




#91
 1,2-Dichlorobenzene
 Concen: 18.223 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX011345.D
 Acq: 06 Aug 2019 11:54

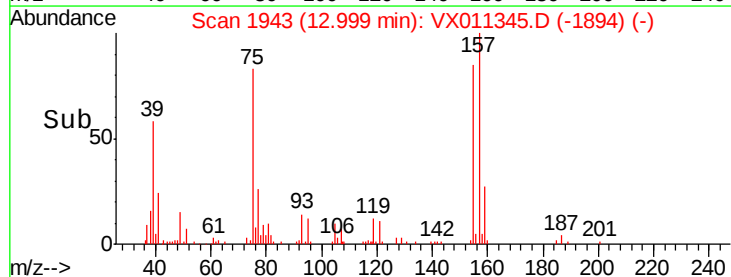
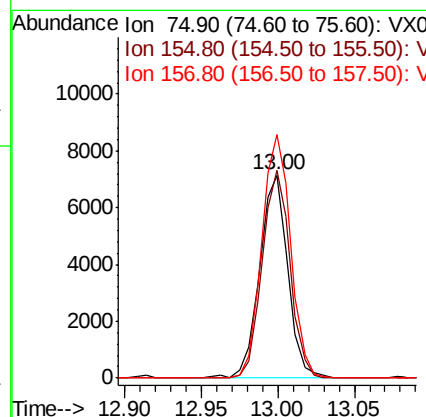
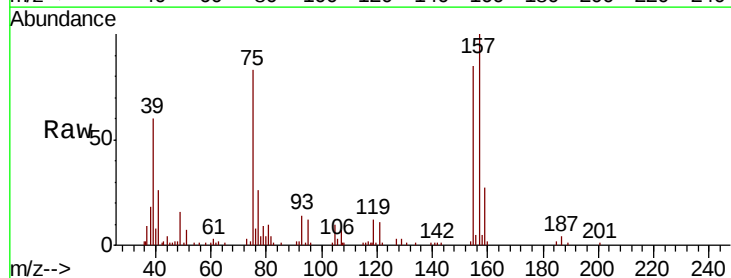
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0806WBS01

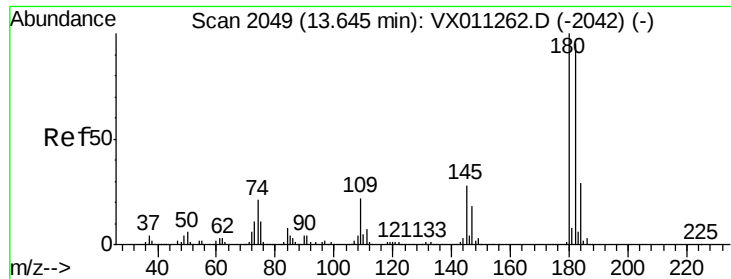
Tgt Ion: 146 Resp: 67485
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.1 57.1
 148 63.6 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.849 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX011345.D
 Acq: 06 Aug 2019 11:54

Tgt Ion: 75 Resp: 9155
 Ion Ratio Lower Upper
 75 100
 155 101.1 51.9 155.8
 157 122.5 64.3 192.7

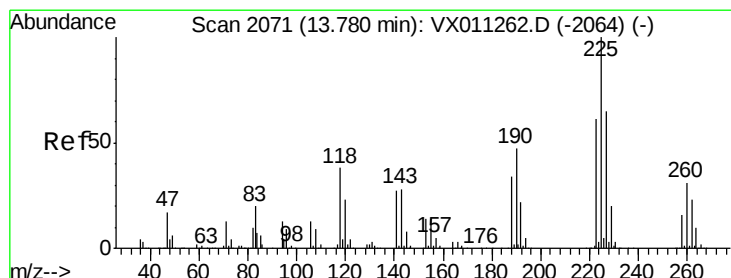
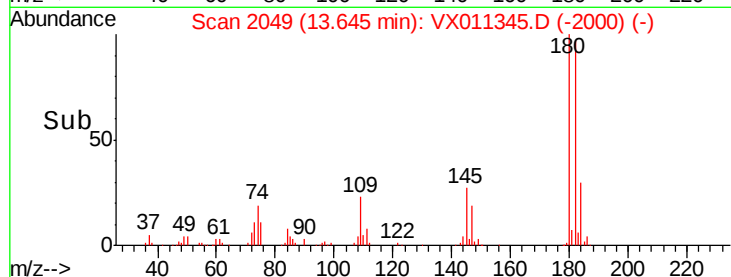
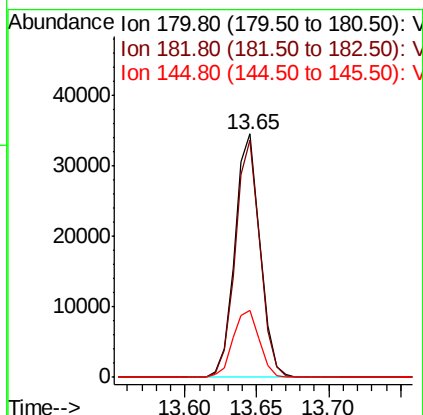
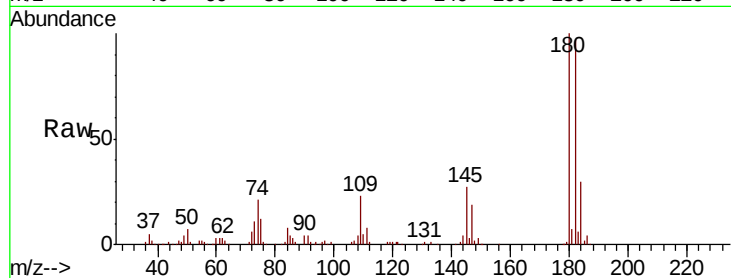




#93
 1,2,4-Trichlorobenzene
 Concen: 17.221 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX011345.D
 Acq: 06 Aug 2019 11:54

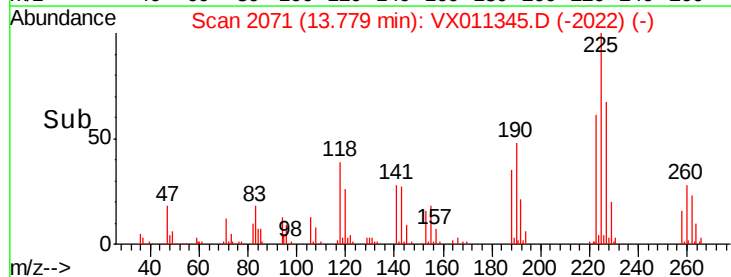
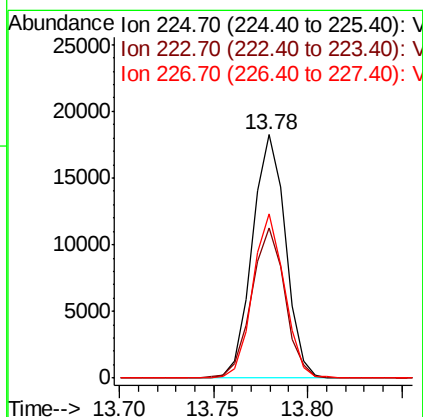
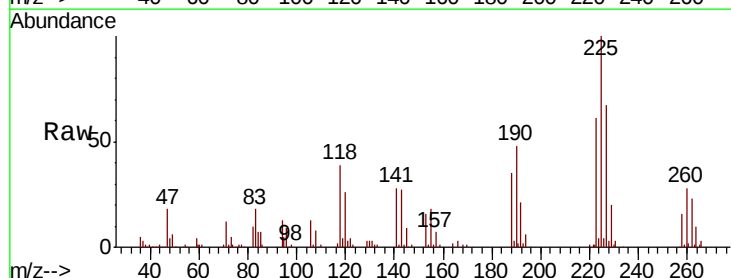
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0806WBS01

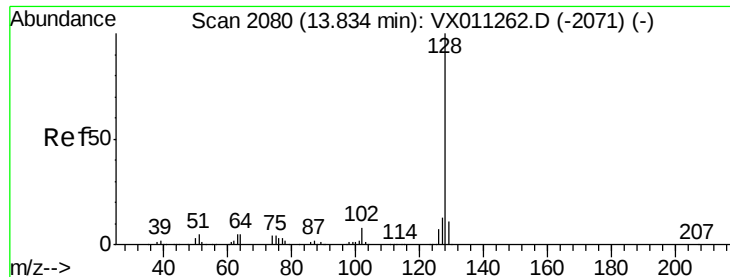
Tgt Ion:180 Resp: 42295
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.8 143.4
 145 28.8 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 17.926 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011345.D
 Acq: 06 Aug 2019 11:54

Tgt Ion:225 Resp: 22337
 Ion Ratio Lower Upper
 225 100
 223 61.8 31.0 93.0
 227 63.9 32.2 96.6

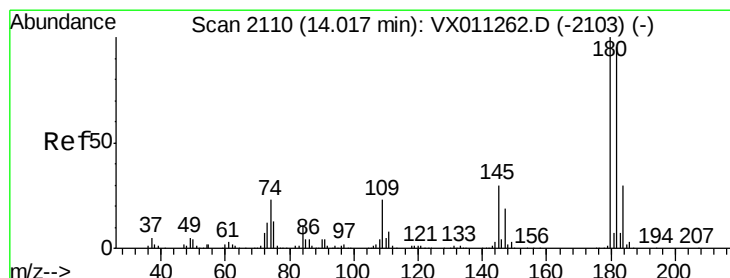
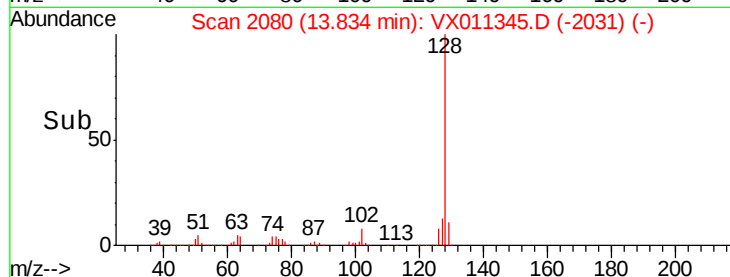
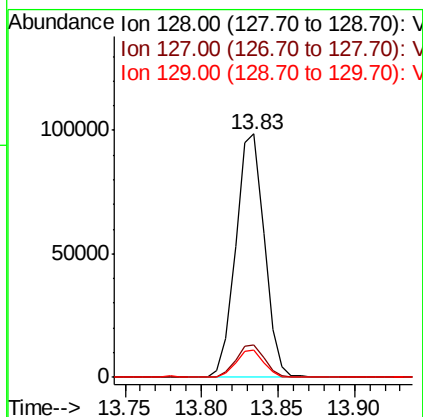
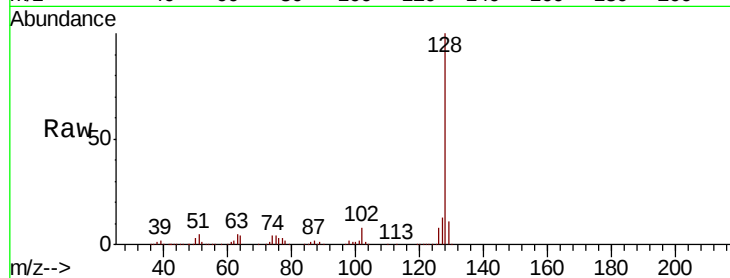




#95
Naphthalene
Concen: 17.843 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

Instrument :
MSVOA_X
ClientSampled :
VX0806WBS01

Tgt Ion:128 Resp: 128150
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 11.0 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 17.678 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX011345.D
Acq: 06 Aug 2019 11:54

Tgt Ion:180 Resp: 44140
Ion Ratio Lower Upper
180 100
182 94.3 47.4 142.3
145 31.5 15.2 45.6

