

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081919\
 Data File : VX011622.D
 Acq On : 19 Aug 2019 11:24
 Operator : JC/SP
 Sample : VX0819WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBS01

Quant Time: Aug 20 09:35:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	379132	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	505634	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	453780	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	239121	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	150641	42.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.70%	
35) Dibromofluoromethane	5.48	113	142072	42.96	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	85.92%	
50) Toluene-d8	8.71	98	459200	44.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.12%	
62) 4-Bromofluorobenzene	11.13	95	192808	44.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	77046	20.674	ug/l	99
3) Chloromethane	1.32	50	62797	16.224	ug/l	100
4) Vinyl Chloride	1.40	62	63818	18.252	ug/l	97
5) Bromomethane	1.63	94	32834	20.958	ug/l	97
6) Chloroethane	1.71	64	31616	19.105	ug/l	98
7) Trichlorofluoromethane	1.92	101	89967	18.577	ug/l	99
8) Diethyl Ether	2.18	74	29460	17.733	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	62504	18.685	ug/l	98
10) Methyl Iodide	2.50	142	76955	16.149	ug/l	99
11) Tert butyl alcohol	3.03	59	77466	89.809	ug/l	98
12) 1,1-Dichloroethene	2.37	96	56557	17.495	ug/l	96
13) Acrolein	2.29	56	22350	92.290	ug/l	98
14) Allyl chloride	2.72	41	96370	17.921	ug/l	99
15) Acrylonitrile	3.13	53	174936	88.613	ug/l	100
16) Acetone	2.43	43	154591	87.444	ug/l	100
17) Carbon Disulfide	2.56	76	133784	17.563	ug/l	100
18) Methyl Acetate	2.76	43	100664	18.360	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	196006	18.617	ug/l	99
20) Methylene Chloride	2.85	84	65081	17.533	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	62254	18.173	ug/l	95
22) Diisopropyl ether	3.84	45	194503	18.162	ug/l	92
23) Vinyl Acetate	3.81	43	780174	91.997	ug/l	100
24) 1,1-Dichloroethane	3.69	63	107451	17.746	ug/l	98
25) 2-Butanone	4.66	43	245988	88.631	ug/l	99
26) 2,2-Dichloropropane	4.57	77	87661	19.236	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	71970	18.022	ug/l	99
28) Bromochloromethane	5.01	49	46415	17.462	ug/l	95
29) Tetrahydrofuran	5.12	42	159831	87.790	ug/l	100
30) Chloroform	5.20	83	115284	18.041	ug/l	98
31) Cyclohexane	5.57	56	95707	18.358	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	102302	18.619	ug/l	99
36) 1,1-Dichloropropene	5.79	75	82138	19.000	ug/l	98
37) Ethyl Acetate	4.82	43	90765	18.254	ug/l	99
38) Carbon Tetrachloride	5.77	117	90881	19.081	ug/l	98

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Quant Time: Aug 20 09:35:29 2019
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	104037	19.487	ug/l	98
40) Benzene	6.13	78	250361	18.636	ug/l	98
41) Methacrylonitrile	5.03	41	52298	19.110	ug/l	98
42) 1,2-Dichloroethane	6.18	62	90668	19.479	ug/l	98
43) Isopropyl Acetate	6.43	43	142889	18.414	ug/l	100
44) Trichloroethene	7.21	130	76968	19.313	ug/l	97
45) 1,2-Dichloropropane	7.51	63	63566	18.972	ug/l	97
46) Dibromomethane	7.65	93	45262	18.590	ug/l	99
47) Bromodichloromethane	7.89	83	83544	18.688	ug/l	99
48) Methyl methacrylate	7.76	41	72915	18.974	ug/l	98
49) 1,4-Dioxane	7.73	88	37616	368.022	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	480061	94.514	ug/l	99
52) Toluene	8.78	92	162517	18.988	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	89000	19.183	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	99228	19.543	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	68586	18.844	ug/l	97
56) Ethyl methacrylate	9.17	69	98604	18.640	ug/l	100
57) 1,3-Dichloropropane	9.37	76	109072	18.852	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	263806	100.084	ug/l	98
59) 2-Hexanone	9.49	43	364101	92.957	ug/l	99
60) Dibromochloromethane	9.58	129	73927	19.495	ug/l	99
61) 1,2-Dibromoethane	9.67	107	73458	18.911	ug/l	99
64) Tetrachloroethene	9.33	164	75935	20.395	ug/l	96
65) Chlorobenzene	10.13	112	185658	19.182	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	70576	19.509	ug/l	98
67) Ethyl Benzene	10.25	91	312292	19.334	ug/l	98
68) m/p-Xylenes	10.35	106	245382	39.576	ug/l	99
69) o-Xylene	10.69	106	118341	19.485	ug/l	98
70) Styrene	10.71	104	196478	19.217	ug/l	99
71) Bromoform	10.85	173	57682	18.620	ug/l #	100
73) Isopropylbenzene	11.02	105	319820	20.612	ug/l	99
74) N-amyl acetate	10.90	43	119668	18.148	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	101621	19.039	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	114888	25.338	ug/l	84
77) Bromobenzene	11.25	156	93606	20.277	ug/l	99
78) n-propylbenzene	11.35	91	347242	20.754	ug/l	99
79) 2-Chlorotoluene	11.42	91	210851	20.523	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	265308	20.355	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	28159	19.800	ug/l	94
82) 4-Chlorotoluene	11.51	91	239028	20.054	ug/l	97
83) tert-Butylbenzene	11.77	119	263295	19.834	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	272592	20.832	ug/l	99
85) sec-Butylbenzene	11.94	105	296289	19.782	ug/l	99
86) p-Isopropyltoluene	12.06	119	286914	20.363	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	154199	19.433	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	156576	19.469	ug/l	99
89) n-Butylbenzene	12.38	91	239069	20.638	ug/l	100
90) Hexachloroethane	12.59	117	44601	20.045	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	159013	19.963	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	22826	18.692	ug/l	98

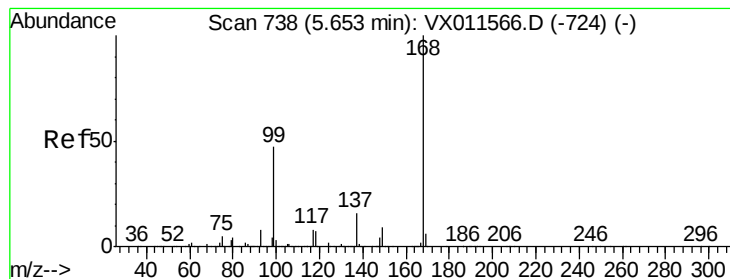
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081919\
Data File : VX011622.D
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Operator : JC/SP
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Instrument :
MSVOA_X
ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	118947	20.042	ug/l	99
94) Hexachlorobutadiene	13.78	225	66141	20.467	ug/l	98
95) Naphthalene	13.83	128	333631	19.885	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	122049	20.389	ug/l	100

(#) = 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: VX011622.D

Acq: 19 Aug 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

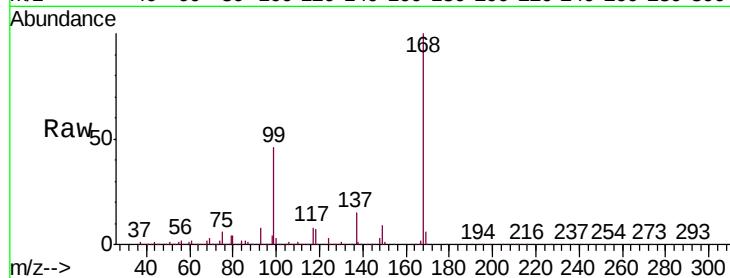
VX0819WBS01

Tgt Ion:168 Resp: 379132

Ion Ratio Lower Upper

168 100

99 45.8 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

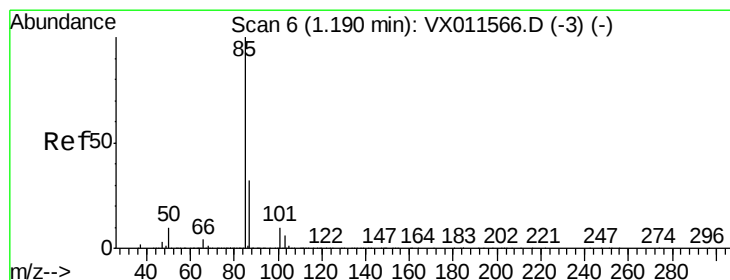
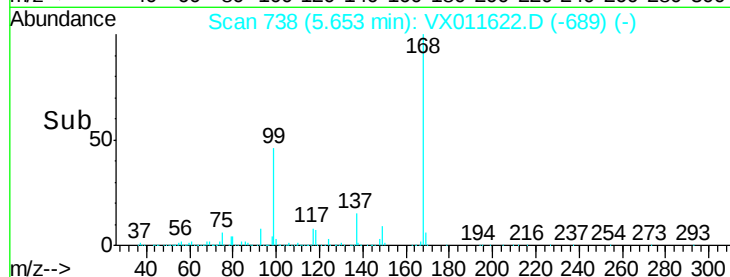
150000

100000

50000

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Time-->



#2

Dichlorodifluoromethane

Concen: 20.674 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011622.D

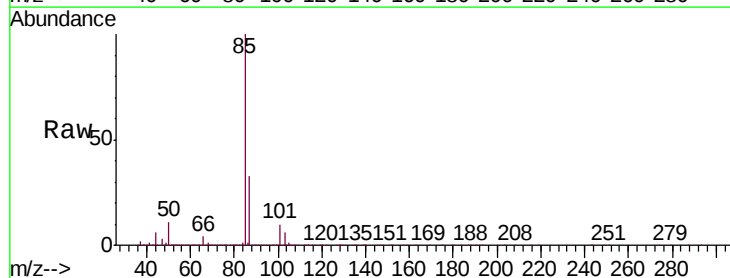
Acq: 19 Aug 2019 11:24

Tgt Ion: 85 Resp: 77046

Ion Ratio Lower Upper

85 100

87 32.6 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

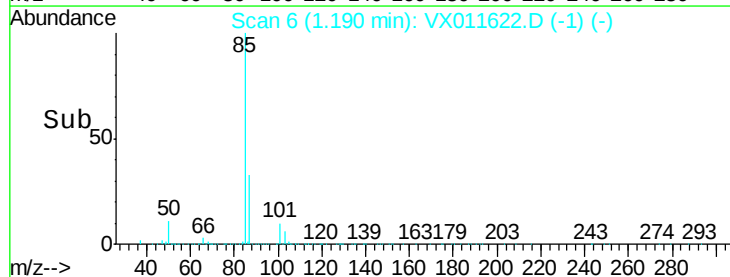
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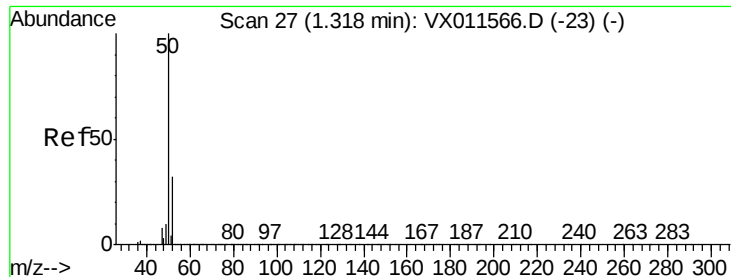
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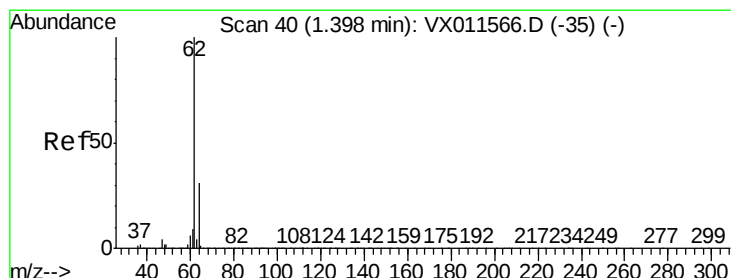
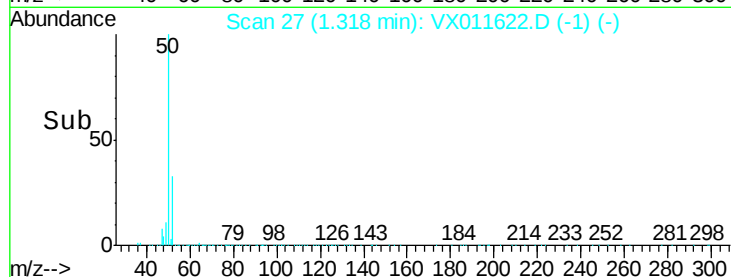
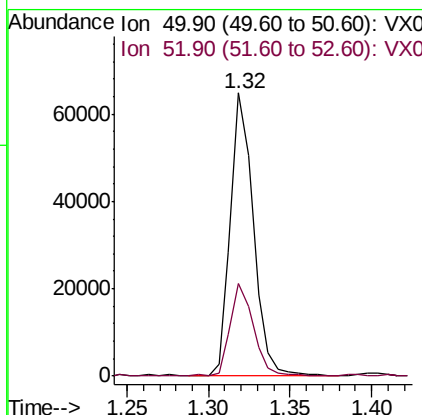
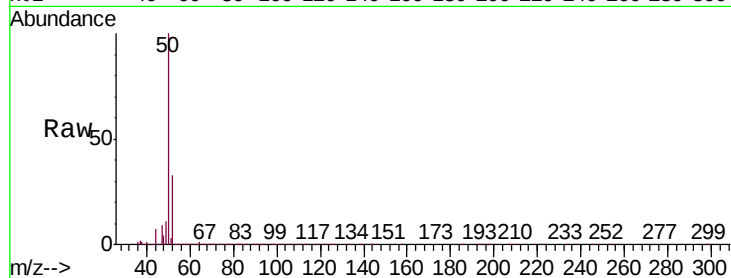




#3
Chloromethane
Concen: 16.224 ug/l
RT: 1.32 min Scan# 27
Delta R.T. 0.00 min
Lab File: VX011622.D
Acq: 19 Aug 2019 11:24

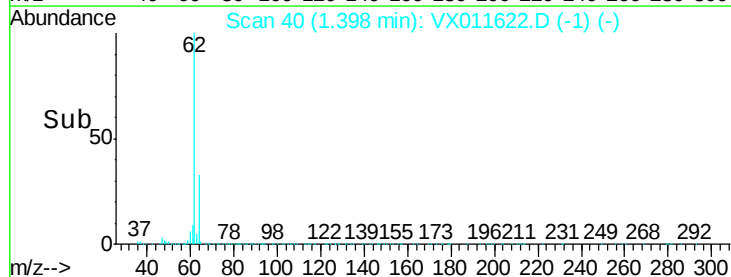
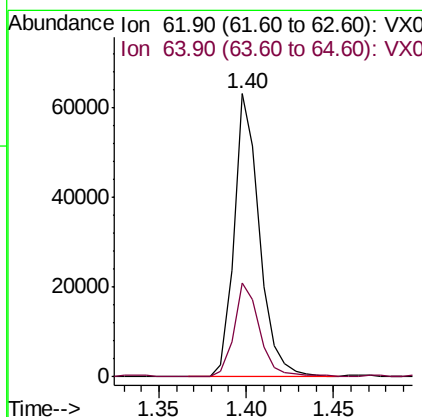
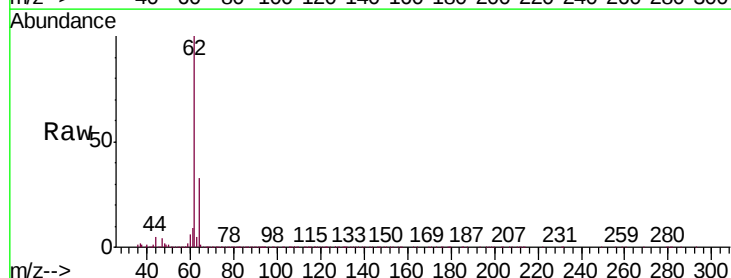
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS01

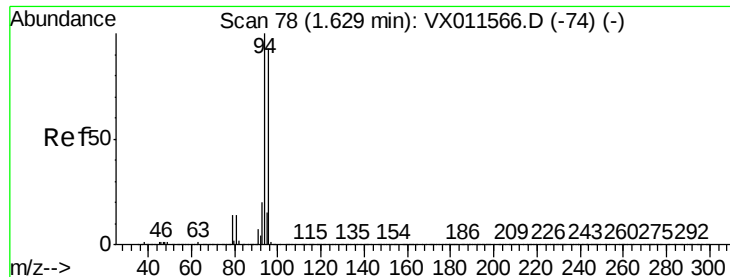
Tgt Ion: 50 Resp: 62797
Ion Ratio Lower Upper
50 100
52 32.7 26.0 39.0



#4
Vinyl Chloride
Concen: 18.252 ug/l
RT: 1.40 min Scan# 40
Delta R.T. 0.00 min
Lab File: VX011622.D
Acq: 19 Aug 2019 11:24

Tgt Ion: 62 Resp: 63818
Ion Ratio Lower Upper
62 100
64 32.9 25.0 37.4

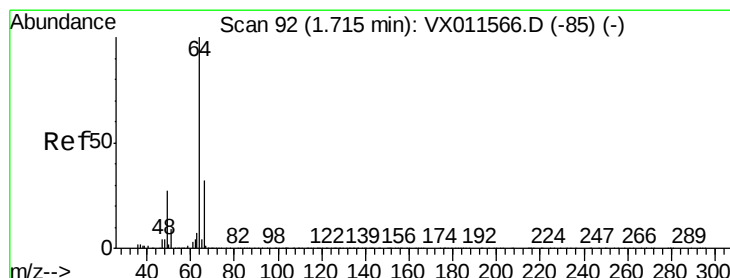
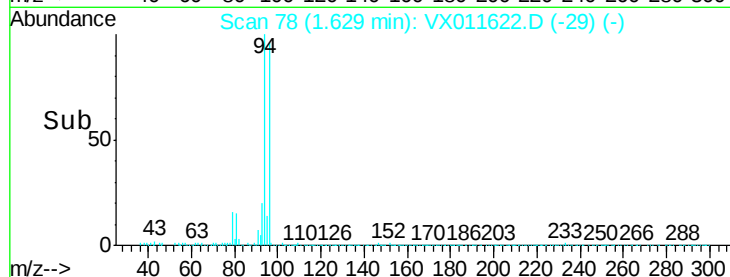
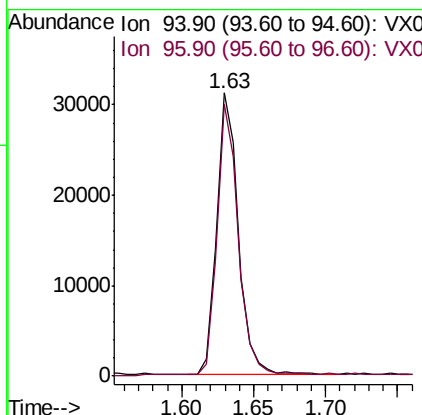
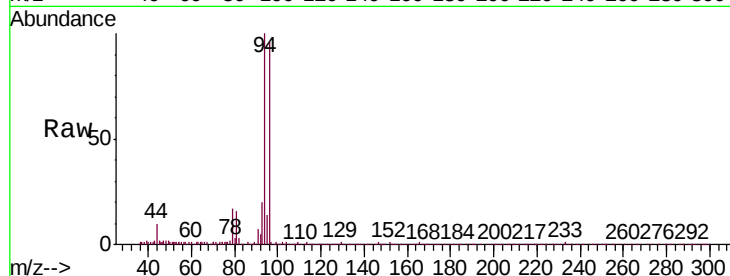




#5
Bromomethane
Concen: 20.958 ug/l
RT: 1.63 min Scan# 78
Delta R.T. 0.00 min
Lab File: VX011622.D
Acq: 19 Aug 2019 11:24

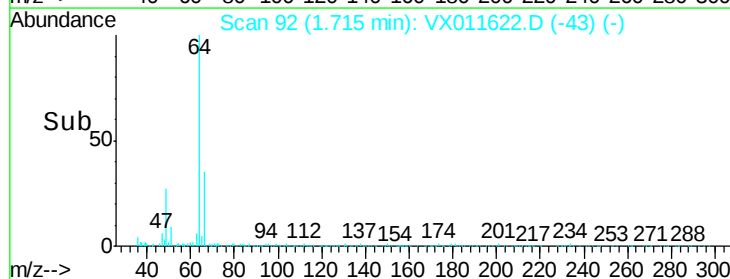
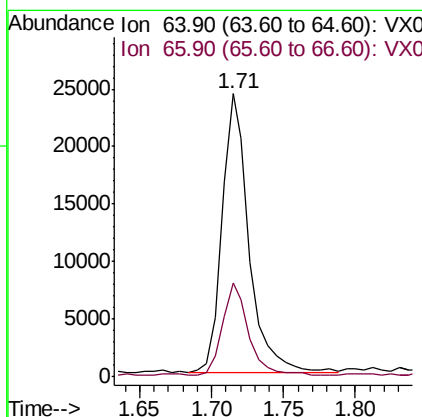
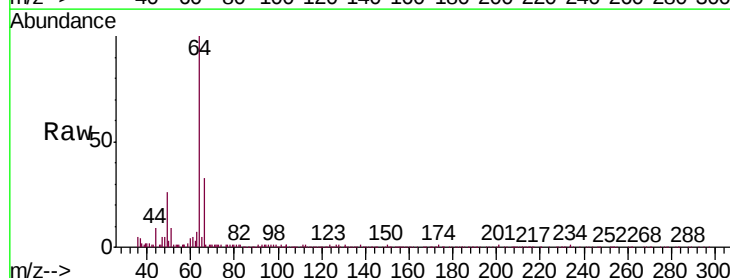
Instrument :
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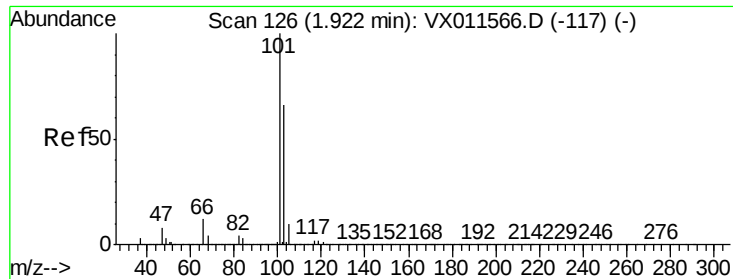
Tgt Ion: 94 Resp: 32834
Ion Ratio Lower Upper
94 100
96 96.1 74.8 112.2



#6
Chloroethane
Concen: 19.105 ug/l
RT: 1.71 min Scan# 92
Delta R.T. 0.00 min
Lab File: VX011622.D
Acq: 19 Aug 2019 11:24

Tgt Ion: 64 Resp: 31616
Ion Ratio Lower Upper
64 100
66 32.9 25.3 37.9



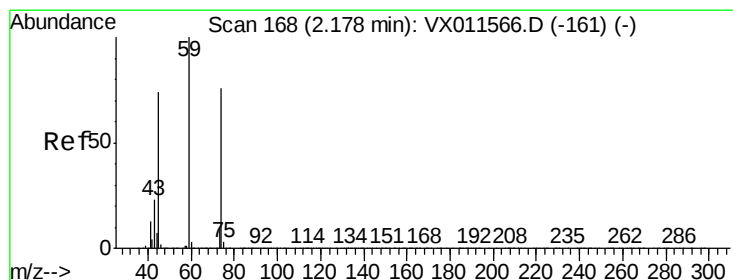
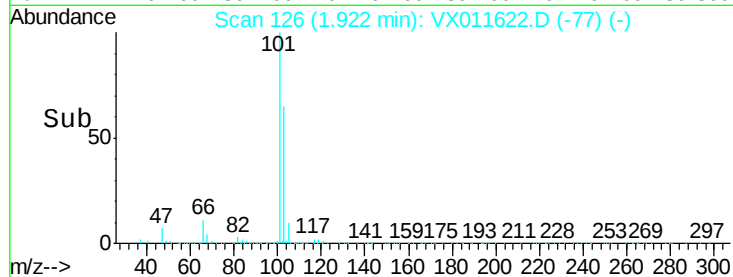
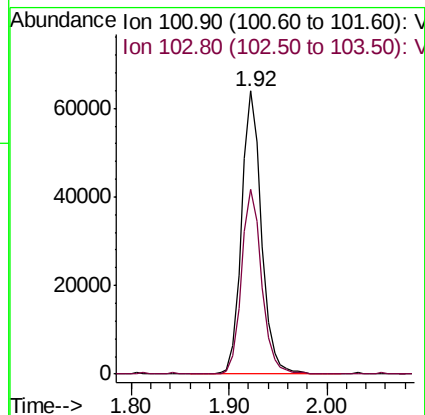
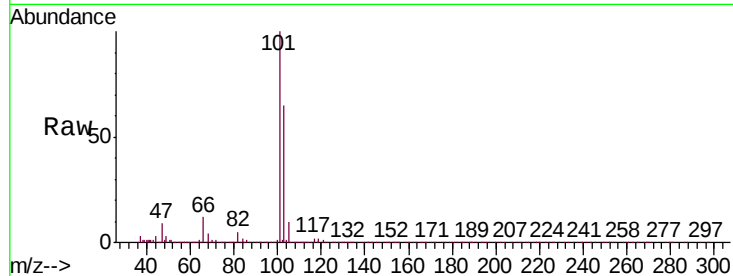


#7

Trichlorofluoromethane
Concen: 18.577 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX011622.D
Acq: 19 Aug 2019 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS01

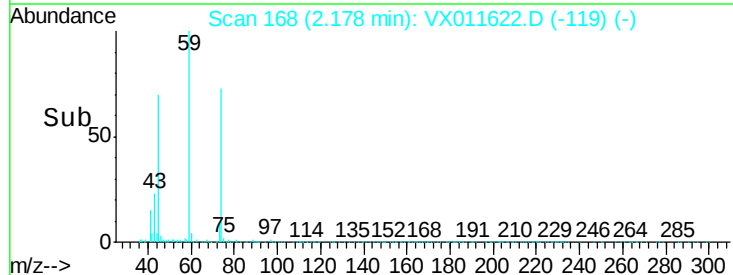
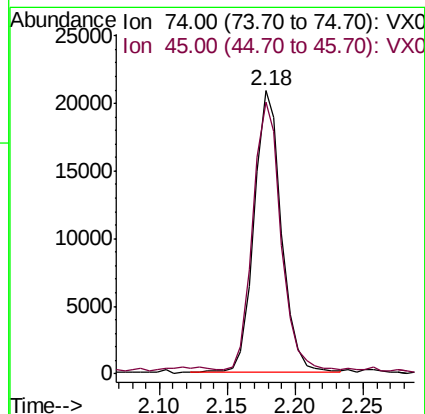
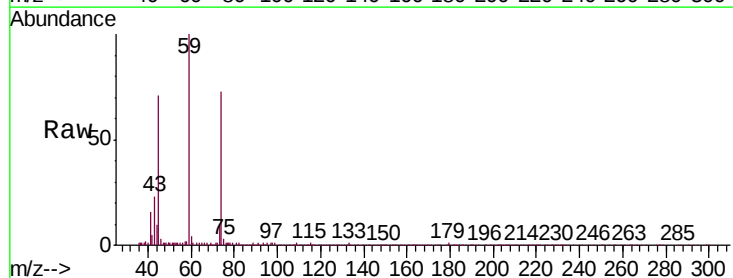
Tgt Ion: 101 Resp: 89967
Ion Ratio Lower Upper
101 100
103 65.0 52.9 79.3

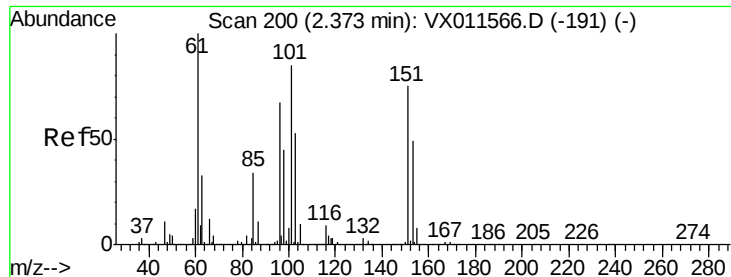


#8

Diethyl Ether
Concen: 17.733 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011622.D
Acq: 19 Aug 2019 11:24

Tgt Ion: 74 Resp: 29460
Ion Ratio Lower Upper
74 100
45 101.1 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.685 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011622.D

Acq: 19 Aug 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBS01

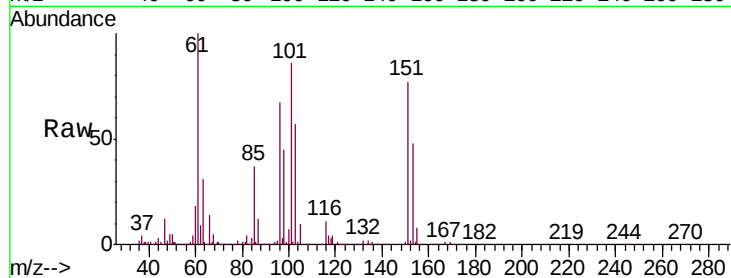
Tgt Ion:101 Resp: 62504

Ion Ratio Lower Upper

101 100

85 43.5 33.0 49.4

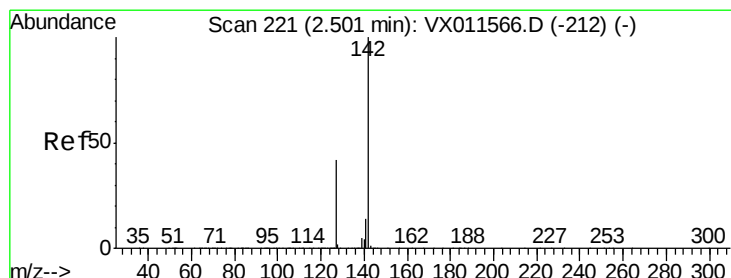
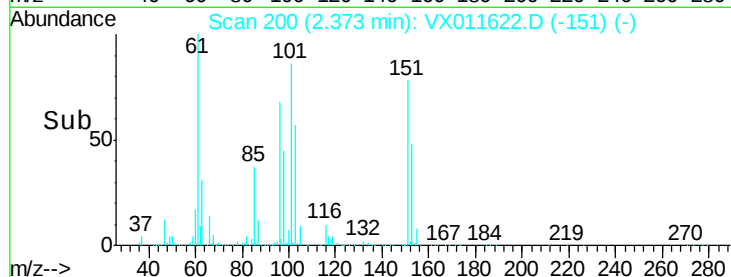
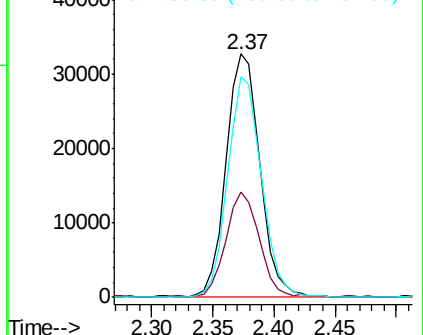
151 90.9 73.3 109.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.149 ug/l

RT: 2.50 min Scan# 221

Delta R.T. 0.00 min

Lab File: VX011622.D

Acq: 19 Aug 2019 11:24

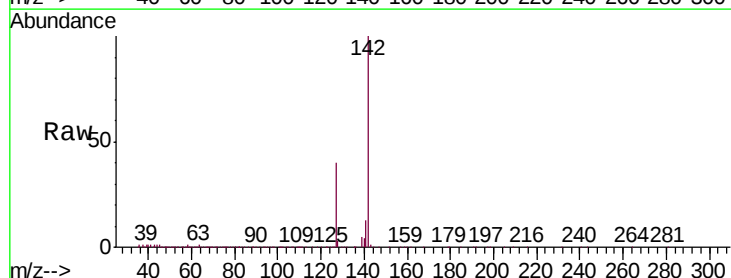
Tgt Ion:142 Resp: 76955

Ion Ratio Lower Upper

142 100

127 41.5 32.8 49.2

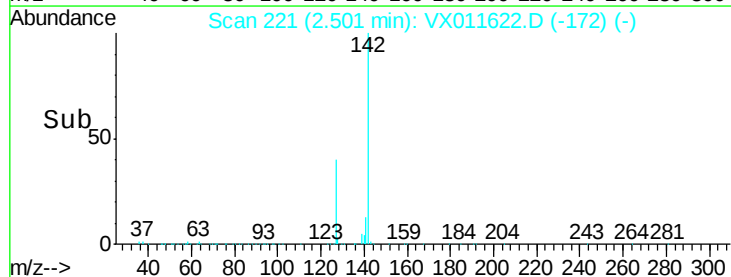
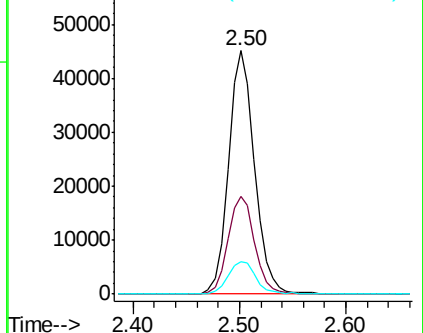
141 14.4 11.4 17.2

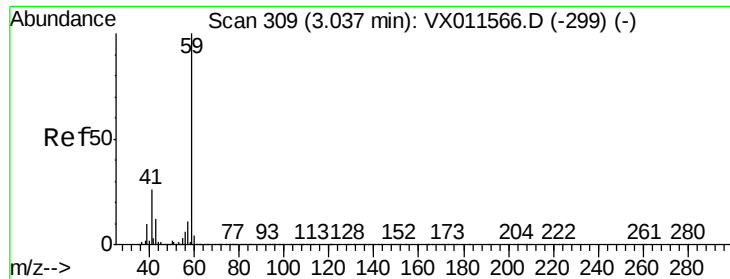


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

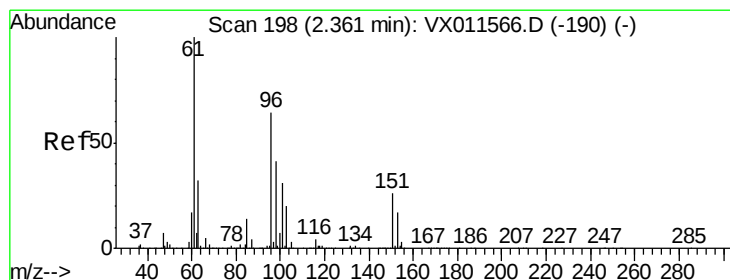
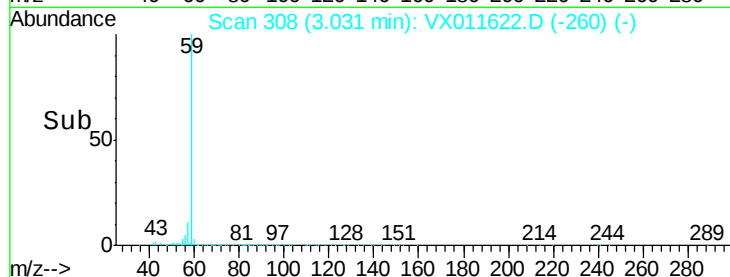
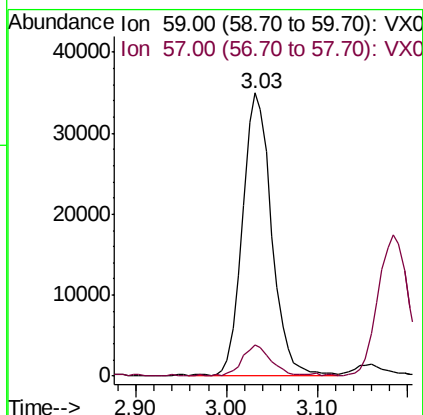
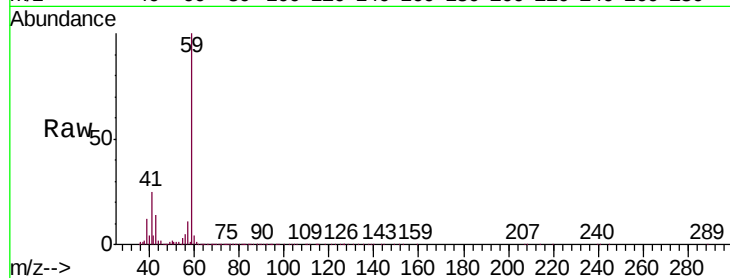




#11
Tert butyl alcohol
Concen: 89.809 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.01 min
Lab File: VX011622.D
Acq: 19 Aug 2019 11:24

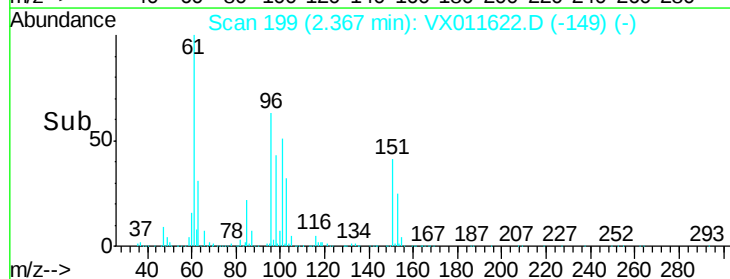
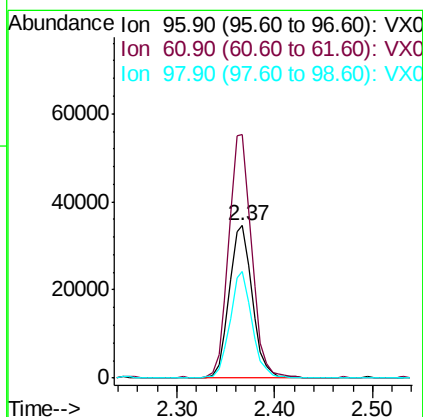
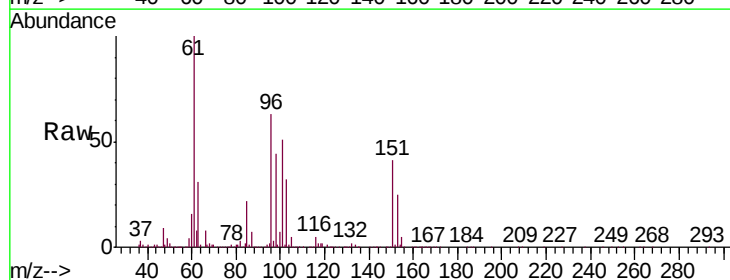
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS01

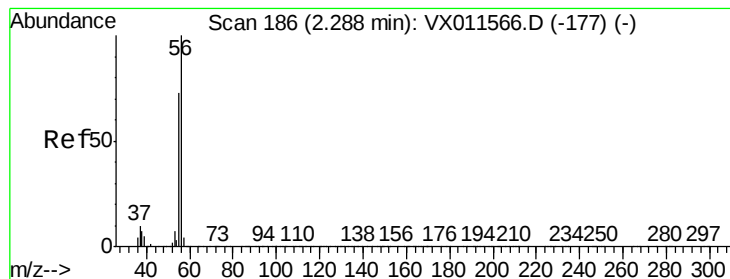
Tgt Ion: 59 Resp: 77466
Ion Ratio Lower Upper
59 100
57 10.2 8.7 13.1



#12
1,1-Dichloroethene
Concen: 17.495 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.01 min
Lab File: VX011622.D
Acq: 19 Aug 2019 11:24

Tgt Ion: 96 Resp: 56557
Ion Ratio Lower Upper
96 100
61 159.6 125.0 187.4
98 69.3 51.5 77.3





#13

Acrolein

Concen: 92.290 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011622.D

Acq: 19 Aug 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

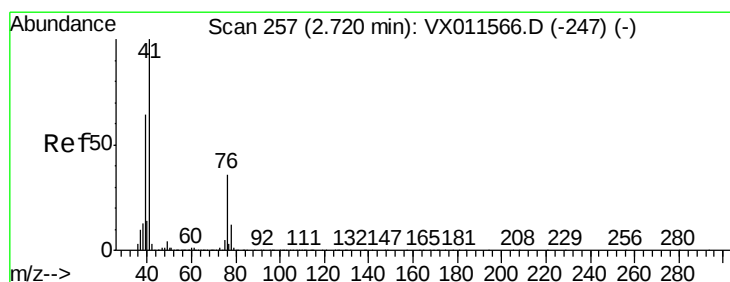
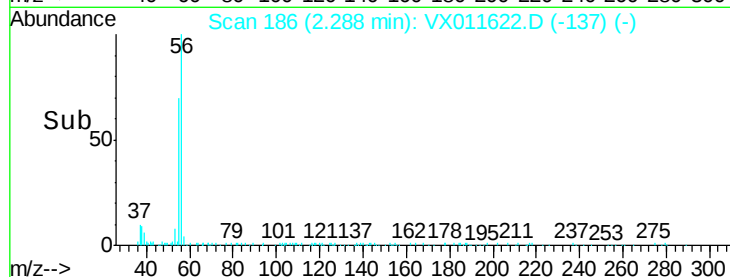
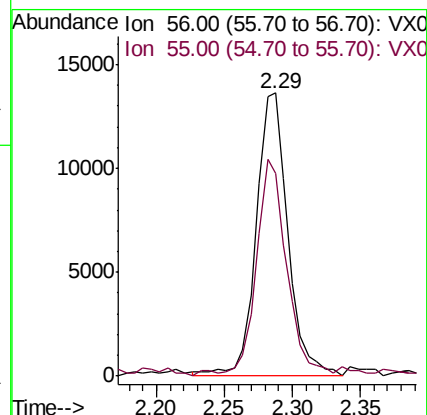
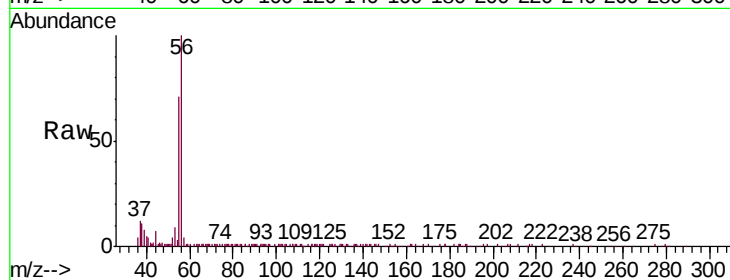
VX0819WBS01

Tgt Ion: 56 Resp: 22350

Ion Ratio Lower Upper

56 100

55 70.9 55.5 83.3



#14

Allyl chloride

Concen: 17.921 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011622.D

Acq: 19 Aug 2019 11:24

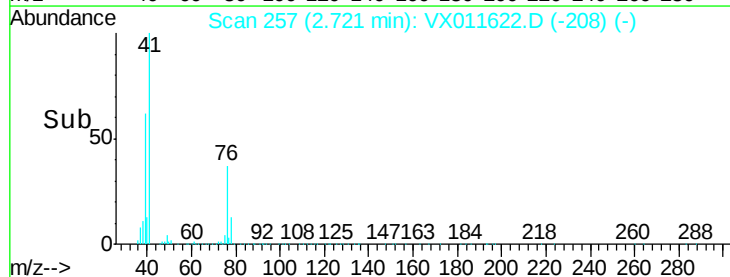
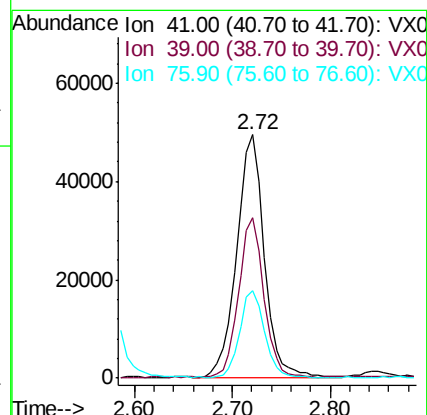
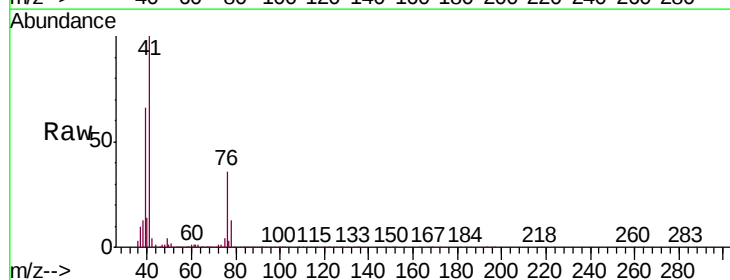
Tgt Ion: 41 Resp: 96370

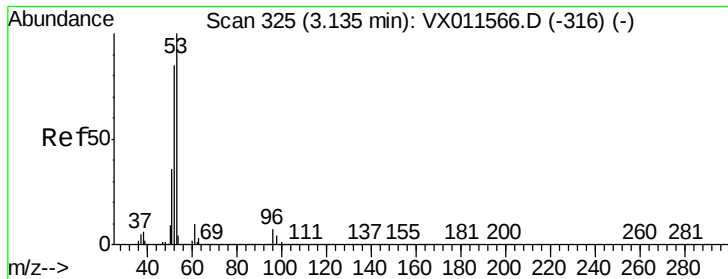
Ion Ratio Lower Upper

41 100

39 60.3 47.5 71.3

76 32.6 26.3 39.5

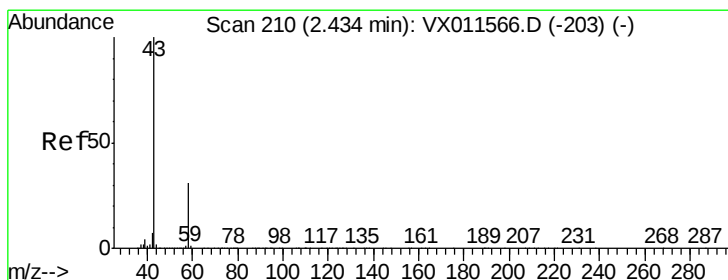
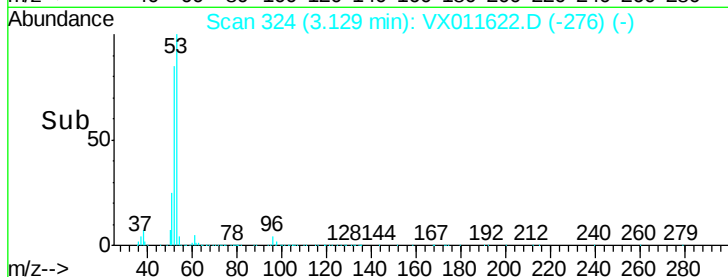
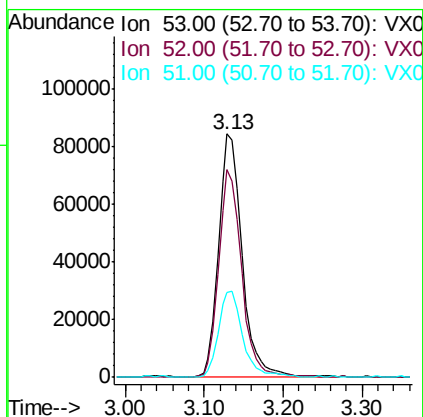
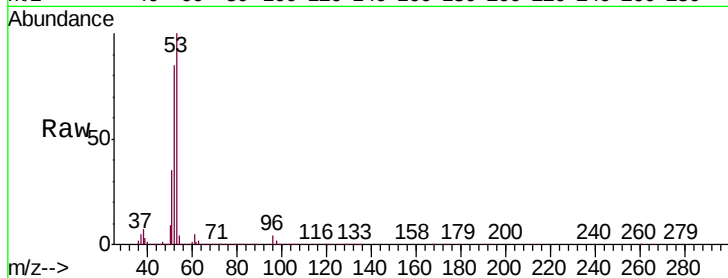




#15
Acrylonitrile
Concen: 88.613 ug/l
RT: 3.13 min Scan# 324
Delta R.T. -0.01 min
Lab File: VX011622.D
Acq: 19 Aug 2019 11:24

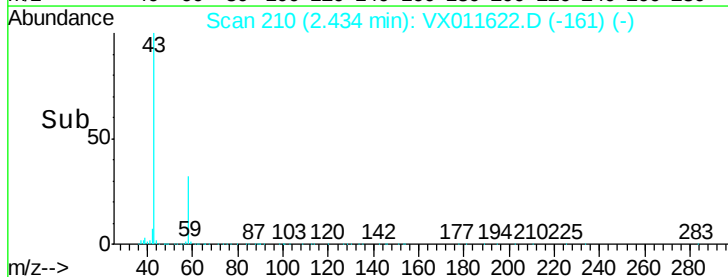
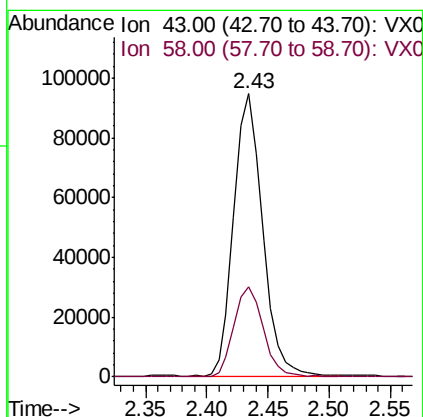
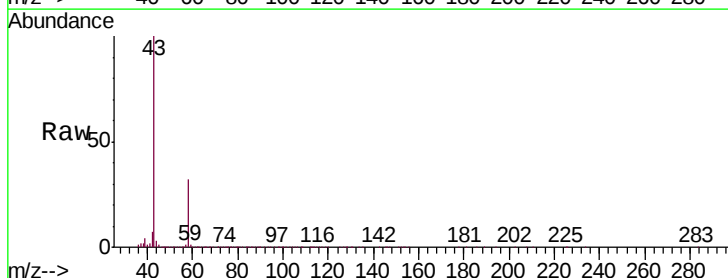
Instrument :
MSVOA_X
ClientSampled :
VX0819WBS01

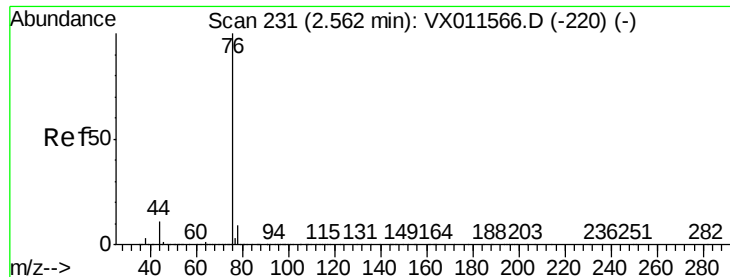
Tgt Ion: 53 Resp: 174936
Ion Ratio Lower Upper
53 100
52 83.0 66.7 100.1
51 35.7 28.7 43.1



#16
Acetone
Concen: 87.444 ug/l
RT: 2.43 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX011622.D
Acq: 19 Aug 2019 11:24

Tgt Ion: 43 Resp: 154591
Ion Ratio Lower Upper
43 100
58 31.6 25.2 37.8





#17

Carbon Disulfide

Concen: 17.563 ug/l

RT: 2.56 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX011622.D

Acq: 19 Aug 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

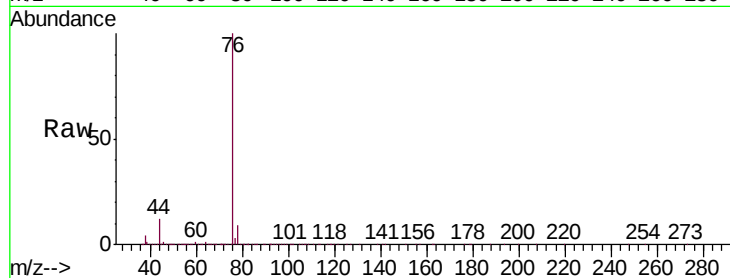
VX0819WBS01

Tgt Ion: 76 Resp: 133784

Ion Ratio Lower Upper

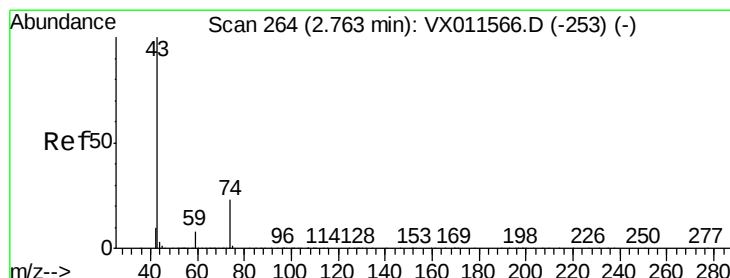
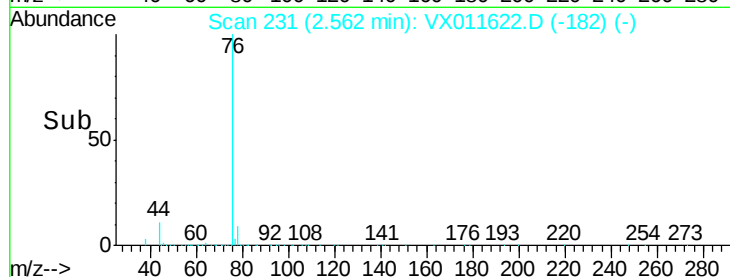
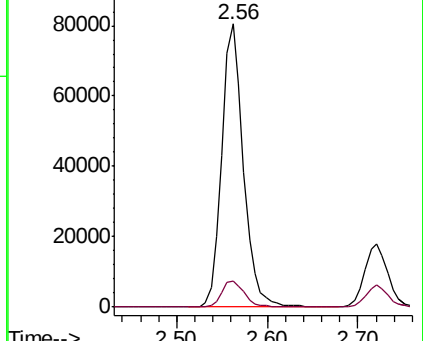
76 100

78 8.9 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.360 ug/l

RT: 2.76 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX011622.D

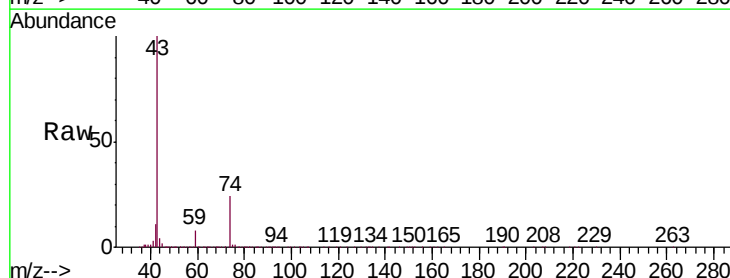
Acq: 19 Aug 2019 11:24

Tgt Ion: 43 Resp: 100664

Ion Ratio Lower Upper

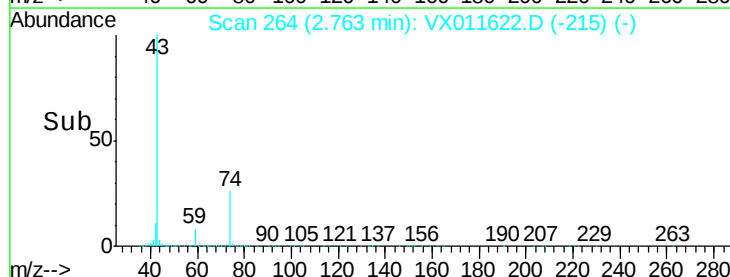
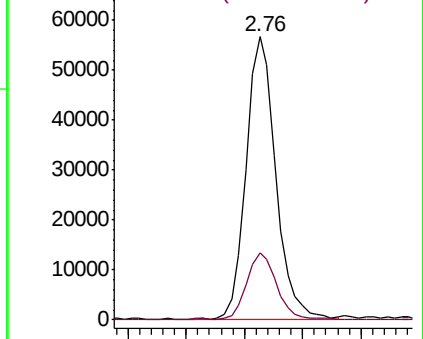
43 100

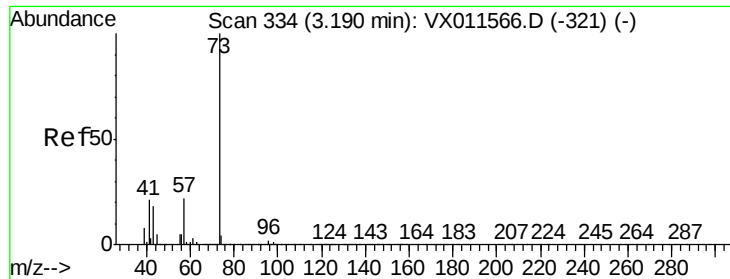
74 23.4 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



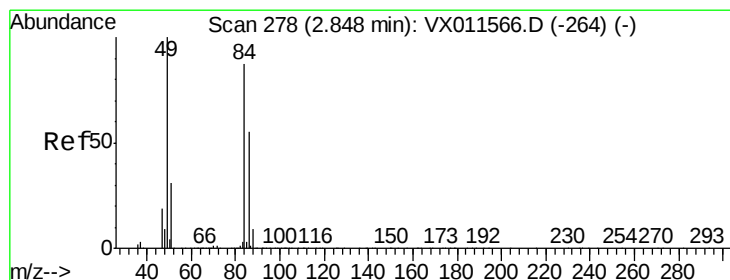
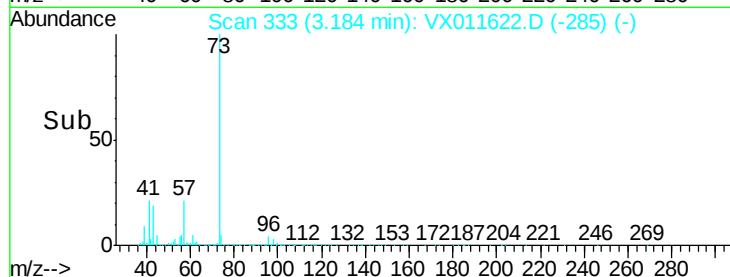
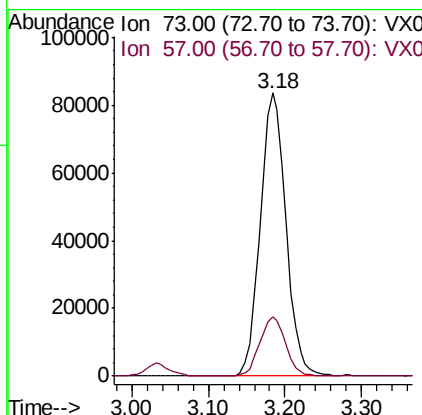
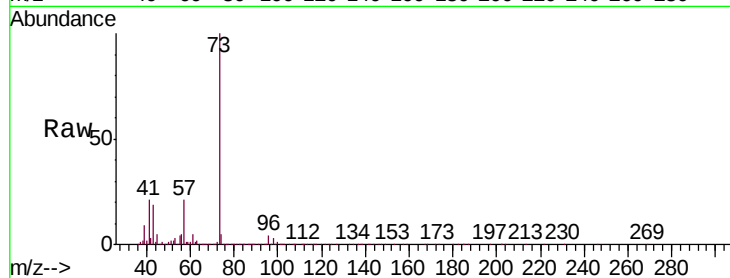


#19

Methyl tert-butyl Ether
 Concen: 18.617 ug/l
 RT: 3.18 min Scan# 333
 Delta R.T. -0.01 min
 Lab File: VX011622.D
 Acq: 19 Aug 2019 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBS01

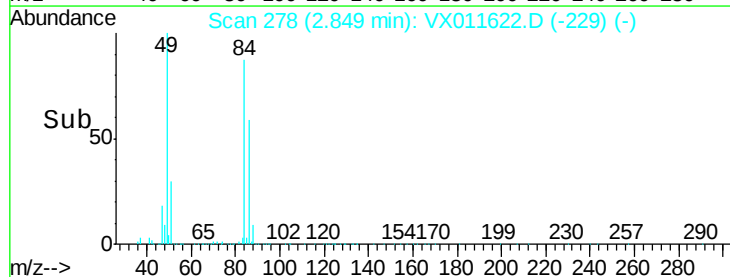
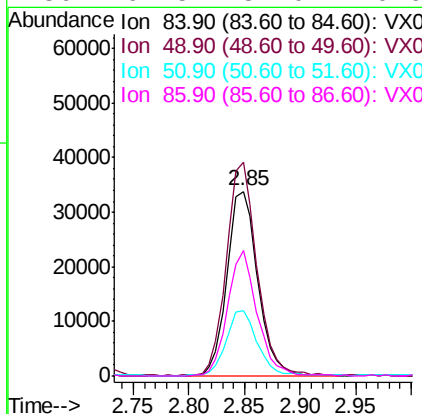
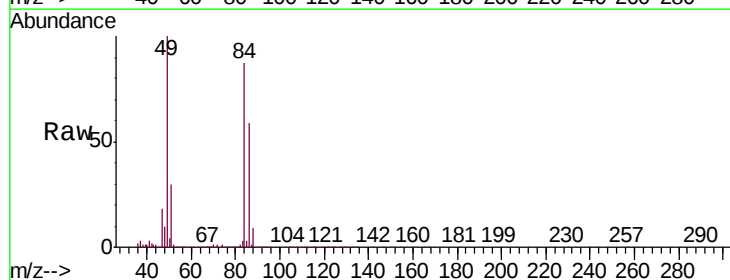
Tgt Ion: 73 Resp: 196006
 Ion Ratio Lower Upper
 73 100
 57 20.8 17.2 25.8

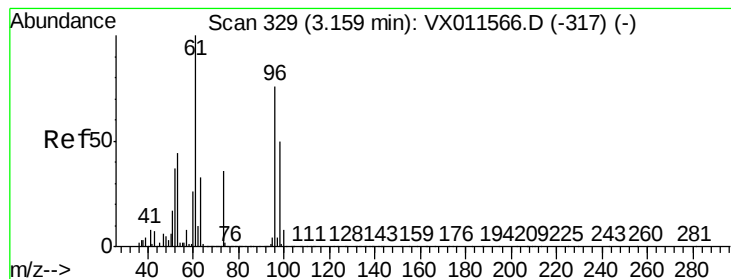


#20

Methylene Chloride
 Concen: 17.533 ug/l
 RT: 2.85 min Scan# 278
 Delta R.T. 0.00 min
 Lab File: VX011622.D
 Acq: 19 Aug 2019 11:24

Tgt Ion: 84 Resp: 65081
 Ion Ratio Lower Upper
 84 100
 49 115.1 92.4 138.6
 51 34.5 28.5 42.7
 86 67.5 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 18.173 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011622.D

Acq: 19 Aug 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBS01

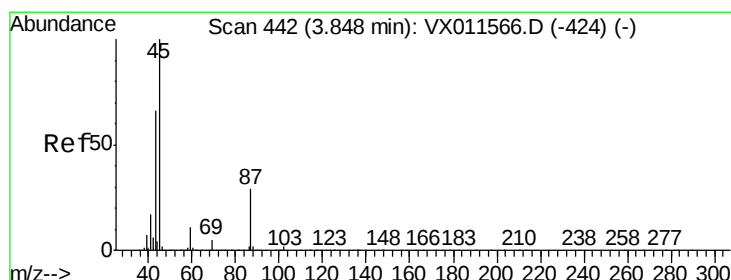
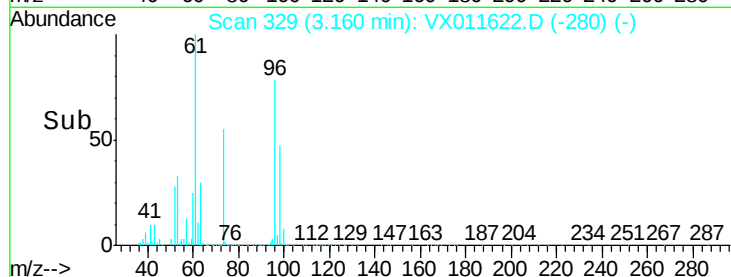
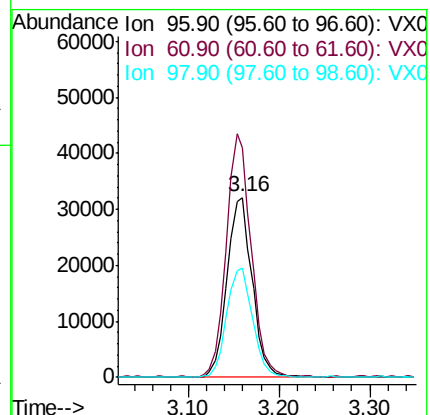
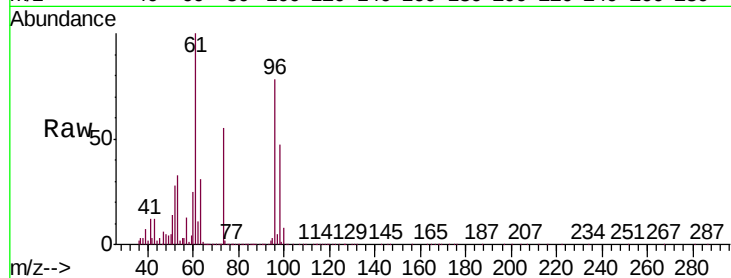
Tgt Ion: 96 Resp: 62254

Ion Ratio Lower Upper

96 100

61 127.3 105.5 158.3

98 60.5 52.6 78.8



#22

Diisopropyl ether

Concen: 18.162 ug/l

RT: 3.84 min Scan# 441

Delta R.T. -0.01 min

Lab File: VX011622.D

Acq: 19 Aug 2019 11:24

Tgt Ion: 45 Resp: 194503

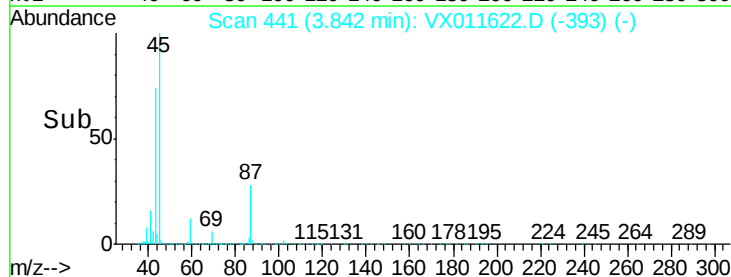
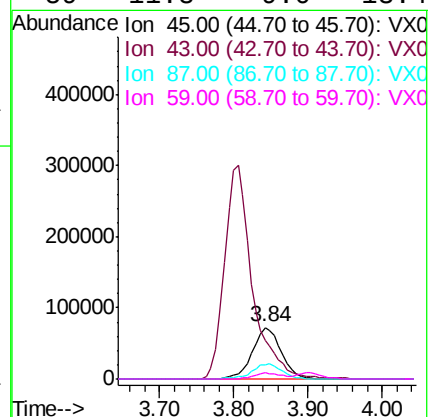
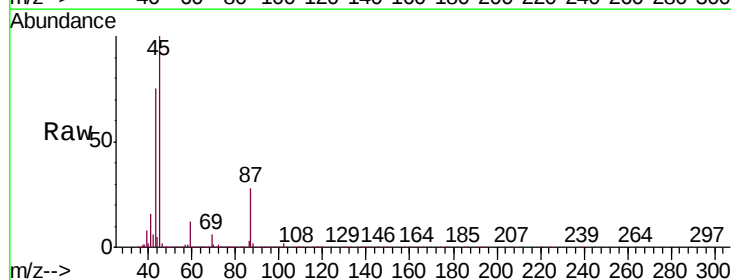
Ion Ratio Lower Upper

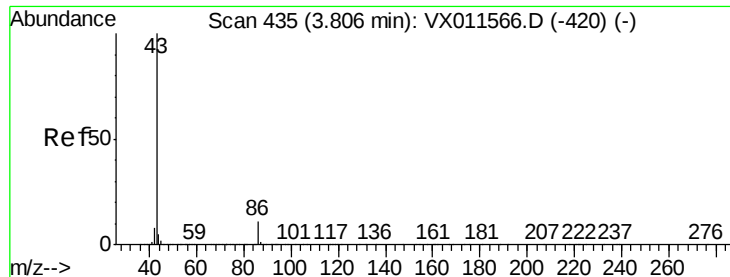
45 100

43 74.5 52.7 79.1

87 27.7 23.5 35.3

59 11.8 9.0 13.4





#23

Vinyl Acetate

Concen: 91.997 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011622.D

Acq: 19 Aug 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

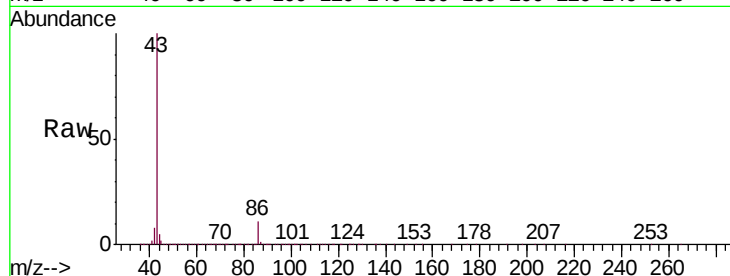
VX0819WBS01

Tgt Ion: 43 Resp: 780174

Ion Ratio Lower Upper

43 100

86 10.7 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

300000

200000

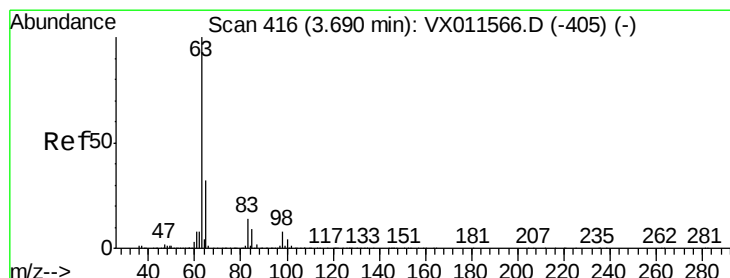
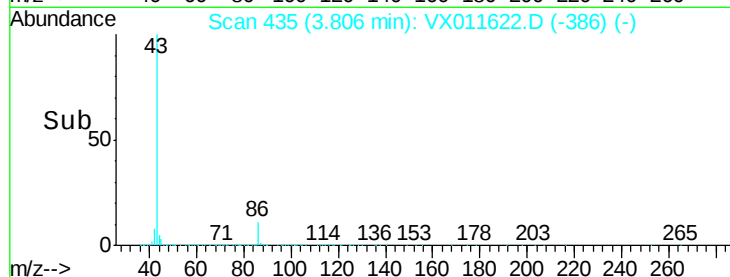
100000

0

Time-->

3.70 3.80 3.90 4.00

3.81



#24

1,1-Dichloroethane

Concen: 17.746 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011622.D

Acq: 19 Aug 2019 11:24

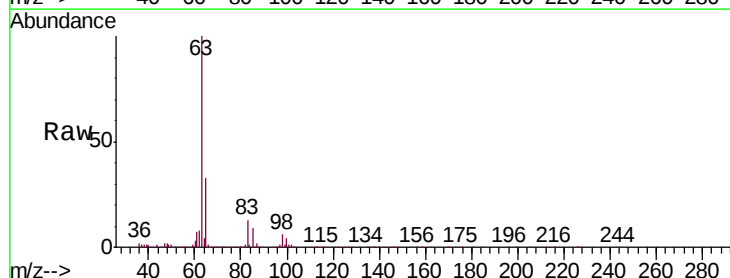
Tgt Ion: 63 Resp: 107451

Ion Ratio Lower Upper

63 100

98 6.3 3.7 11.1

100 4.5 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

60000

50000

40000

30000

20000

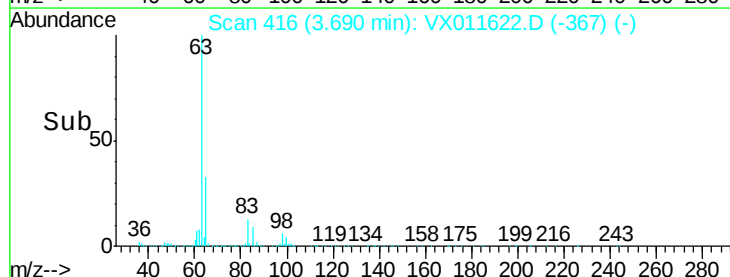
10000

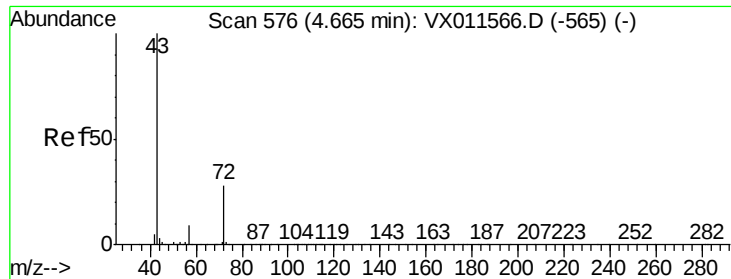
0

Time-->

3.60 3.70 3.80

3.69





#25

2-Butanone

Concen: 88.631 ug/l

RT: 4.66 min Scan# 575

Delta R.T. -0.01 min

Lab File: VX011622.D

Acq: 19 Aug 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

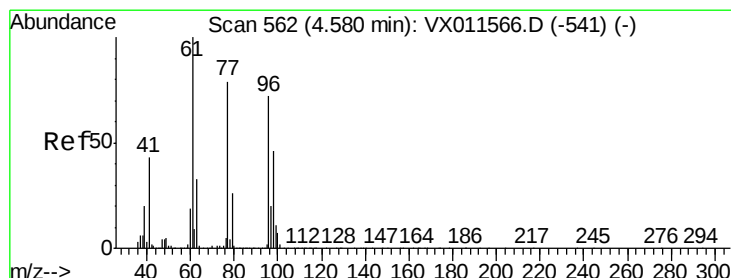
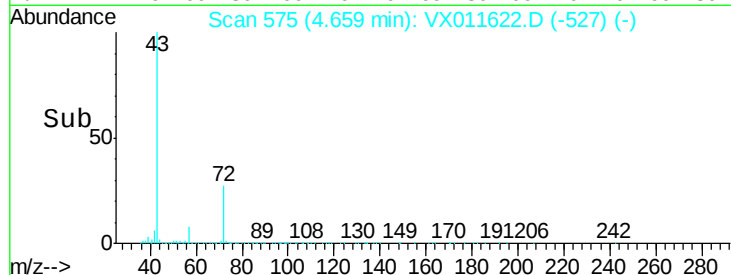
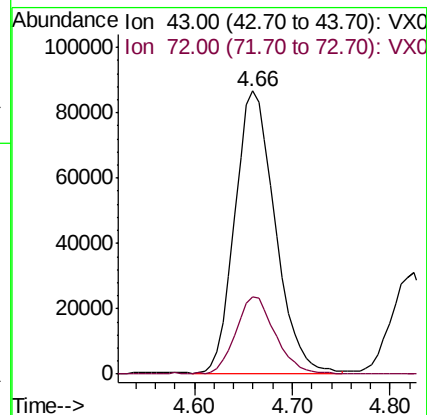
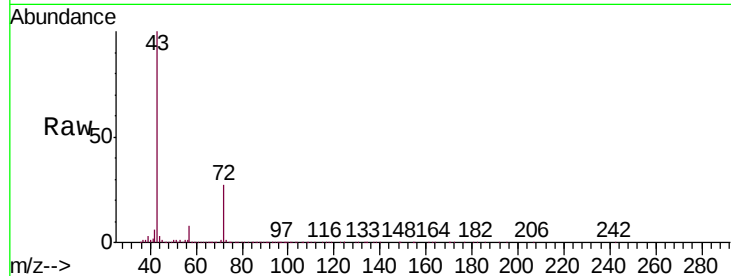
VX0819WBS01

Tgt Ion: 43 Resp: 245988

Ion Ratio Lower Upper

43 100

72 27.2 22.2 33.4



#26

2,2-Dichloropropane

Concen: 19.236 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX011622.D

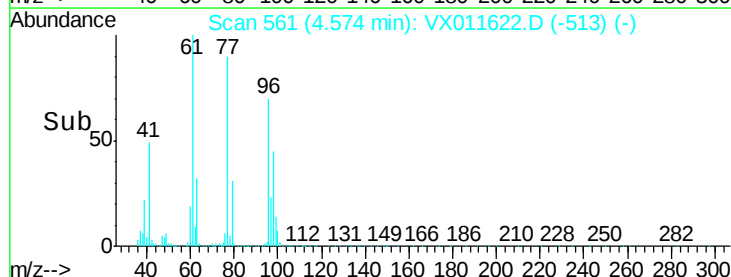
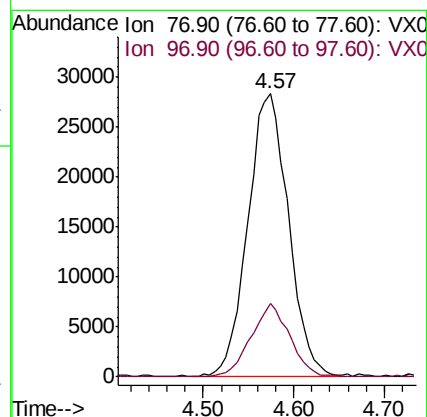
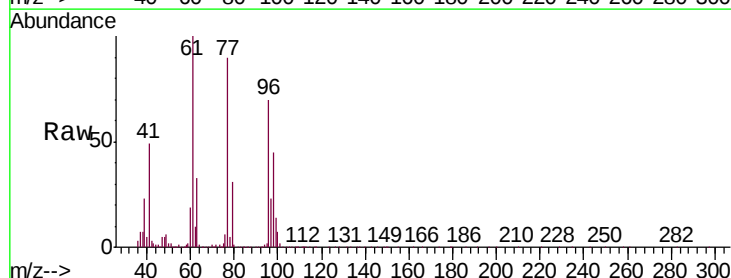
Acq: 19 Aug 2019 11:24

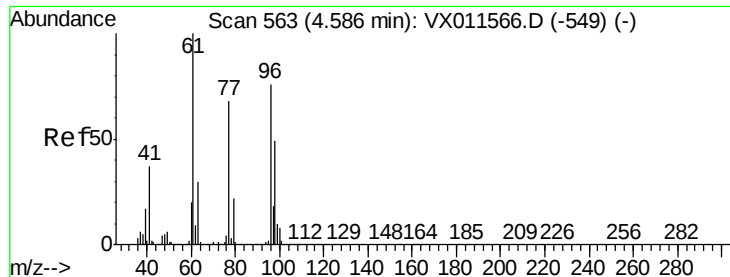
Tgt Ion: 77 Resp: 87661

Ion Ratio Lower Upper

77 100

97 24.8 12.4 37.2



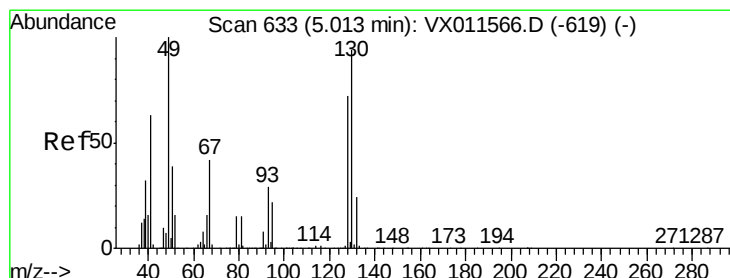
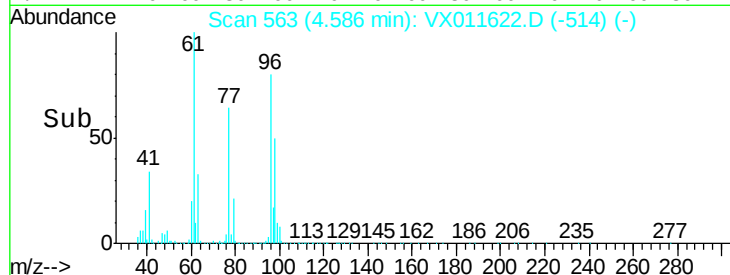
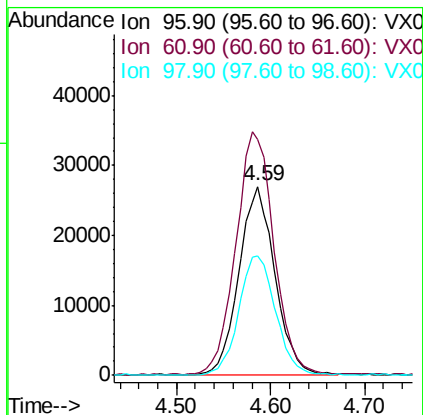
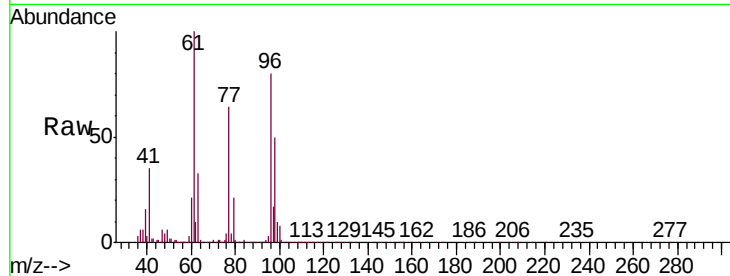


#27

cis-1,2-Dichloroethene
 Concen: 18.022 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. 0.00 min
 Lab File: VX011622.D
 Acq: 19 Aug 2019 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBS01

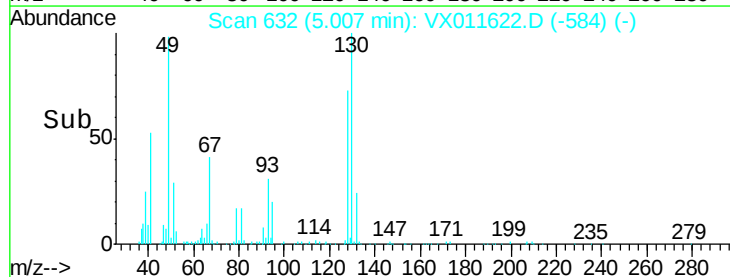
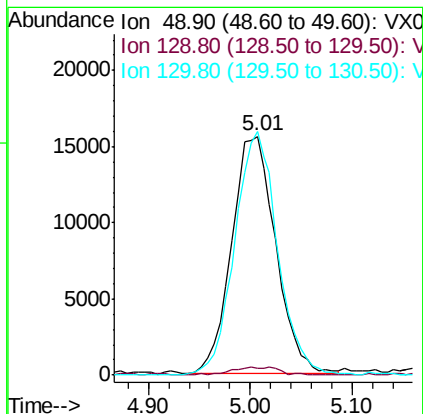
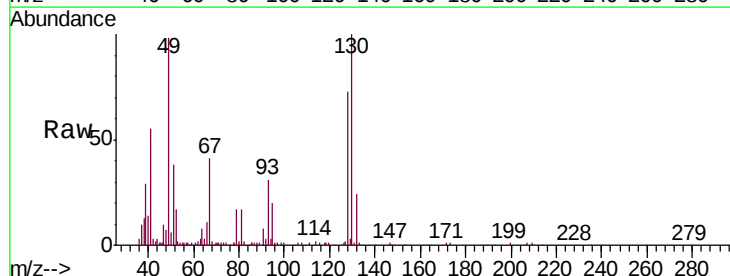
Tgt Ion: 96 Resp: 71970
 Ion Ratio Lower Upper
 96 100
 61 135.8 0.0 272.6
 98 65.4 0.0 129.4

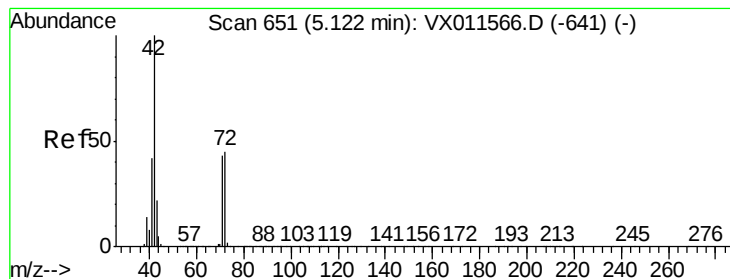


#28

Bromochloromethane
 Concen: 17.462 ug/l
 RT: 5.01 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: VX011622.D
 Acq: 19 Aug 2019 11:24

Tgt Ion: 49 Resp: 46415
 Ion Ratio Lower Upper
 49 100
 129 3.6 0.0 5.0
 130 100.7 76.6 115.0





#29

Tetrahydrofuran

Concen: 87.790 ug/l

RT: 5.12 min Scan# 650

Delta R.T. -0.01 min

Lab File: VX011622.D

Acq: 19 Aug 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBS01

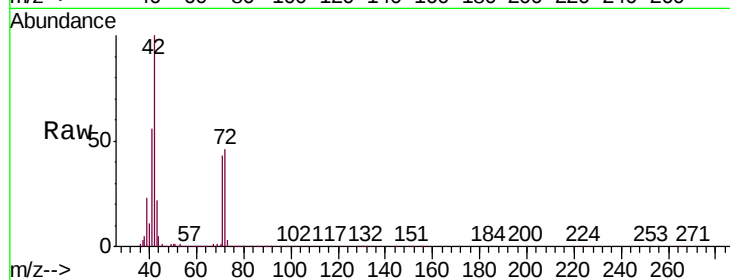
Tgt Ion: 42 Resp: 159831

Ion Ratio Lower Upper

42 100

72 45.4 36.1 54.1

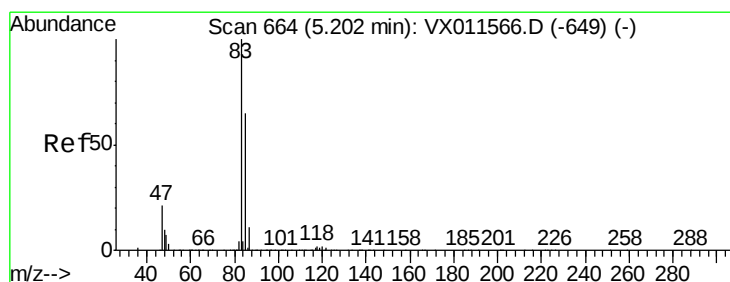
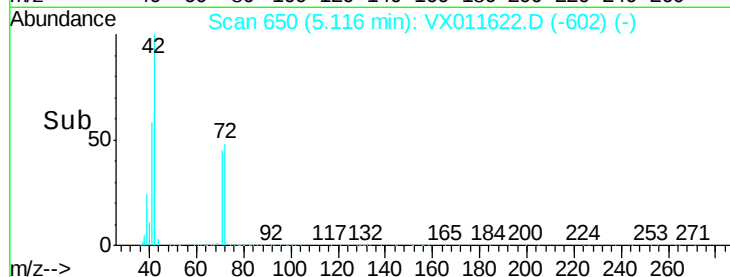
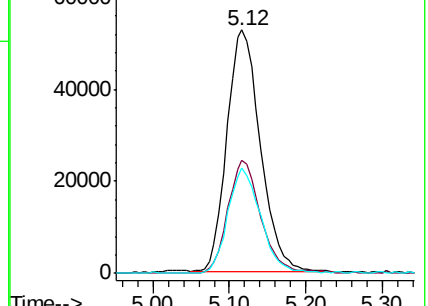
71 42.5 33.8 50.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 18.041 ug/l

RT: 5.20 min Scan# 664

Delta R.T. 0.00 min

Lab File: VX011622.D

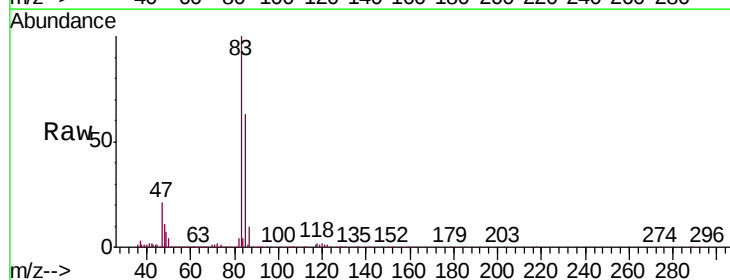
Acq: 19 Aug 2019 11:24

Tgt Ion: 83 Resp: 115284

Ion Ratio Lower Upper

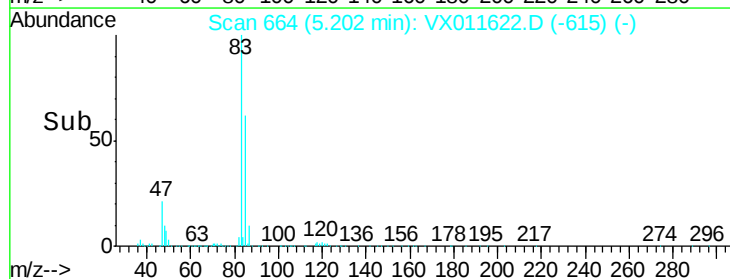
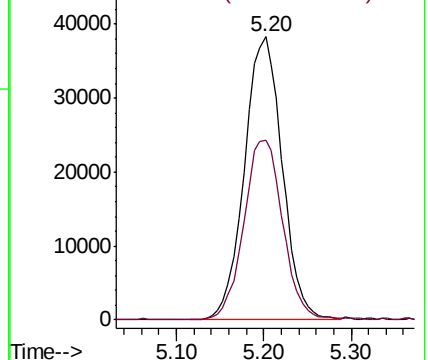
83 100

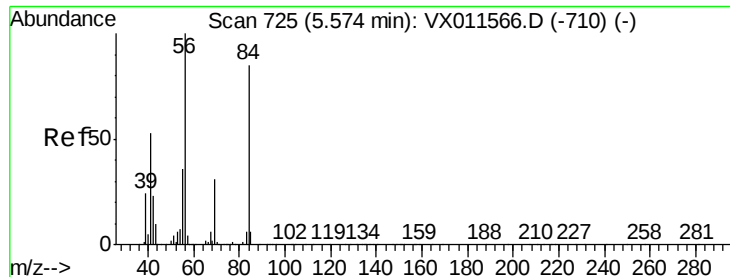
85 63.1 51.9 77.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

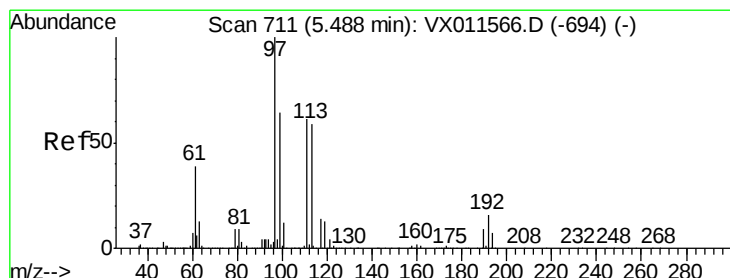
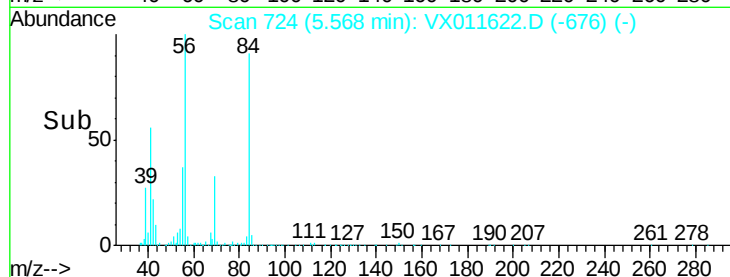
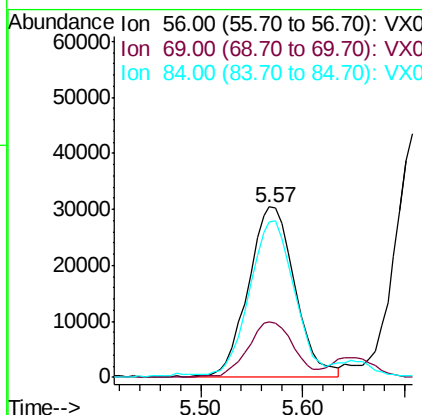
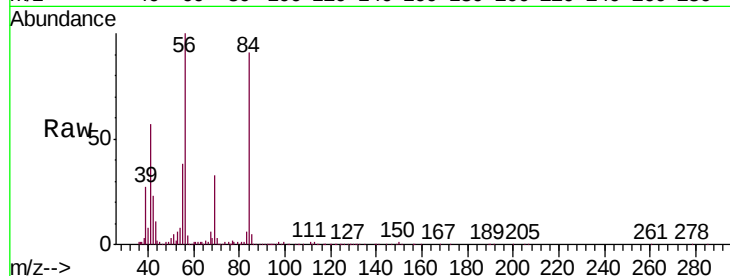




#31
Cyclohexane
Concen: 18.358 ug/l
RT: 5.57 min Scan# 724
Delta R.T. -0.01 min
Lab File: VX011622.D
Acq: 19 Aug 2019 11:24

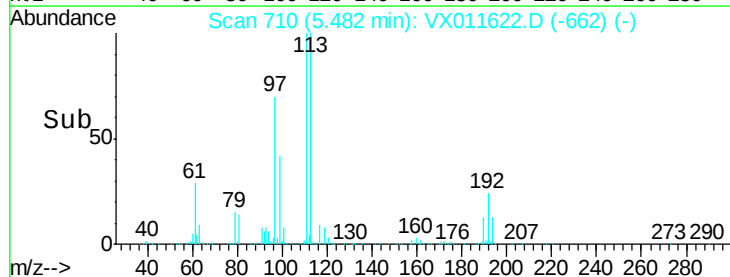
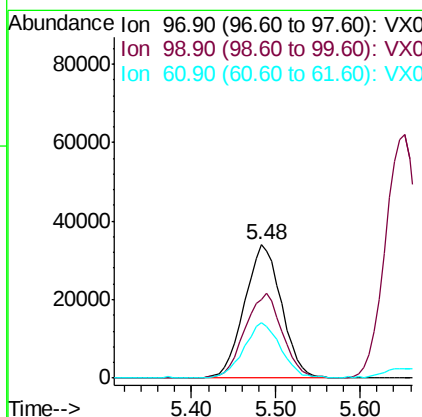
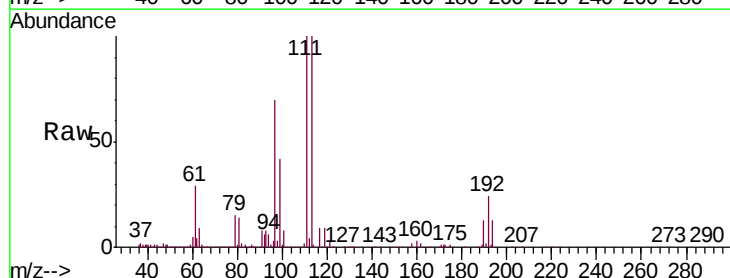
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS01

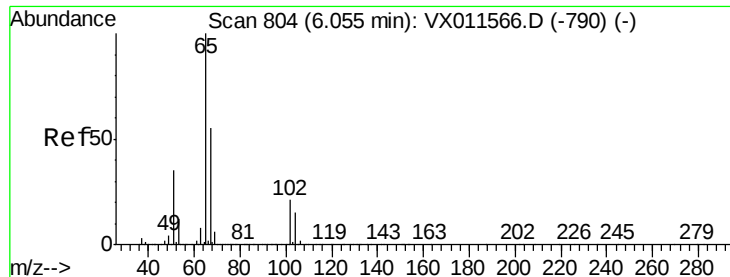
Tgt Ion: 56 Resp: 95707
Ion Ratio Lower Upper
56 100
69 32.6 24.8 37.2
84 89.7 67.9 101.9



#32
1,1,1-Trichloroethane
Concen: 18.619 ug/l
RT: 5.48 min Scan# 710
Delta R.T. -0.01 min
Lab File: VX011622.D
Acq: 19 Aug 2019 11:24

Tgt Ion: 97 Resp: 102302
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.0
61 40.1 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 42.845 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011622.D

Acq: 19 Aug 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

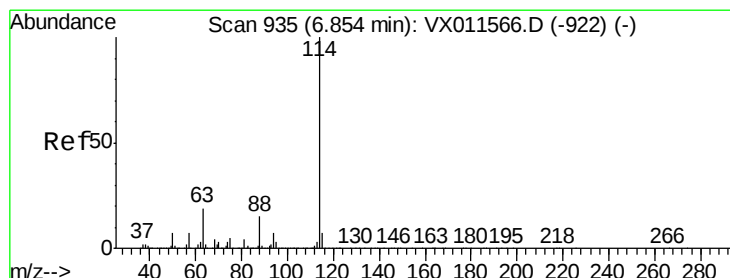
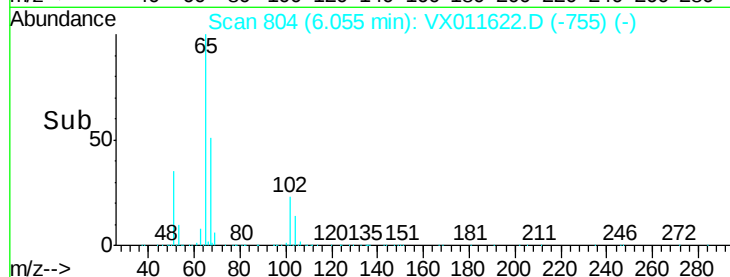
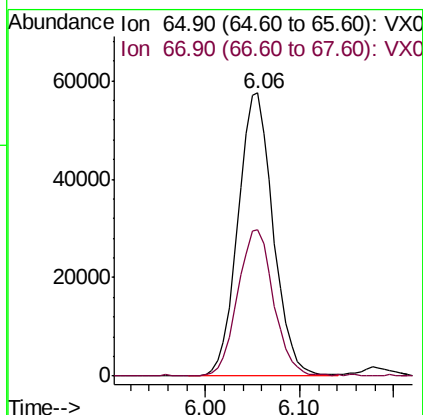
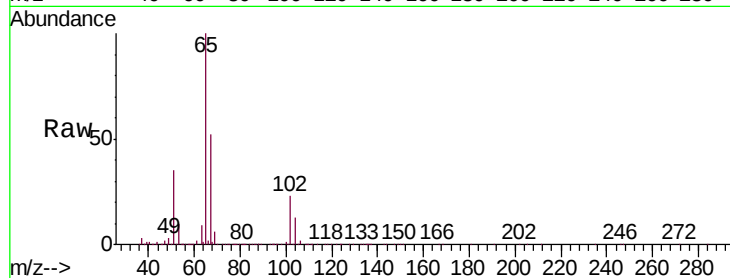
VX0819WBS01

Tgt Ion: 65 Resp: 150641

Ion Ratio Lower Upper

65 100

67 52.2 0.0 107.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 934

Delta R.T. -0.01 min

Lab File: VX011622.D

Acq: 19 Aug 2019 11:24

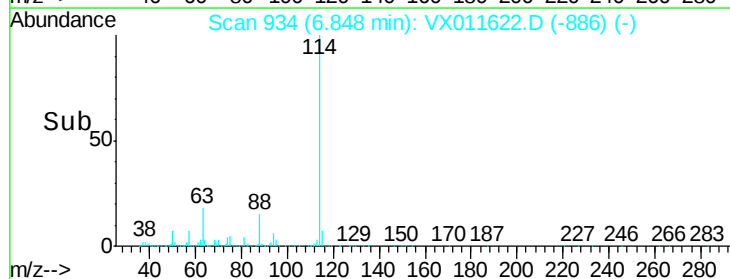
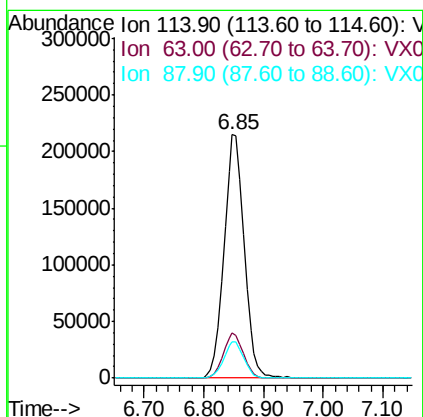
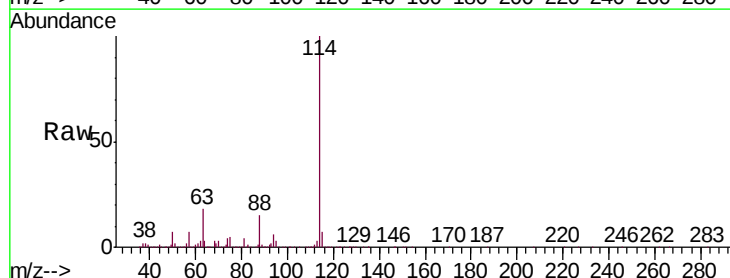
Tgt Ion: 114 Resp: 505634

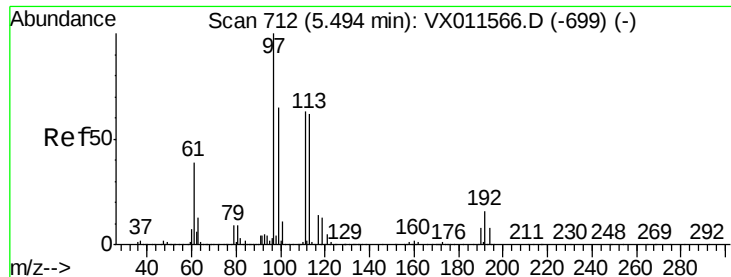
Ion Ratio Lower Upper

114 100

63 18.3 0.0 37.8

88 14.7 0.0 30.2





#35

Dibromofluoromethane

Concen: 42.959 ug/l

RT: 5.48 min Scan# 710

Delta R.T. -0.01 min

Lab File: VX011622.D

Acq: 19 Aug 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBS01

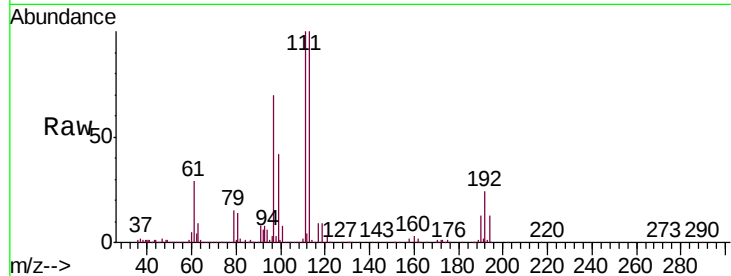
Tgt Ion:113 Resp: 142072

Ion Ratio Lower Upper

113 100

111 102.0 81.1 121.7

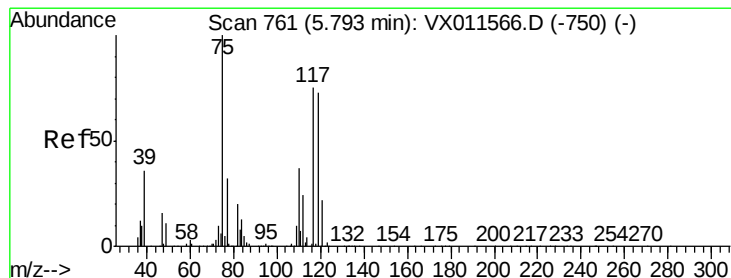
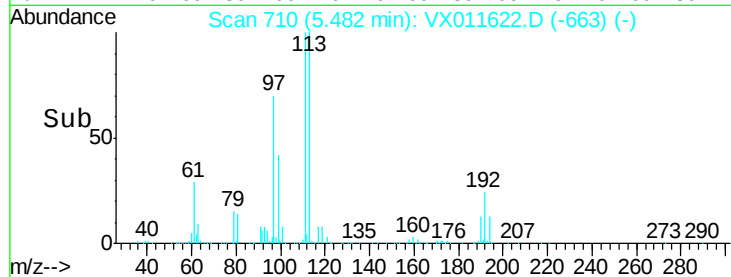
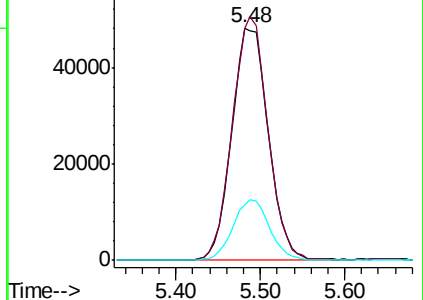
192 26.1 20.8 31.2



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: 19.000 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.01 min

Lab File: VX011622.D

Acq: 19 Aug 2019 11:24

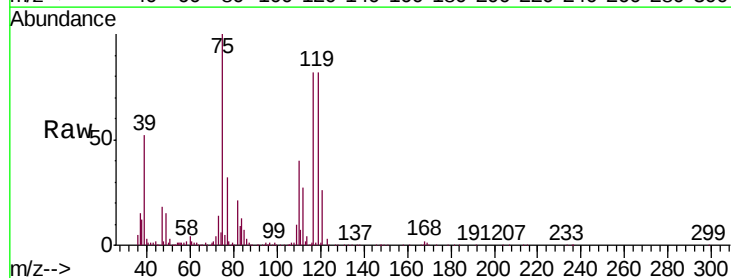
Tgt Ion: 75 Resp: 82138

Ion Ratio Lower Upper

75 100

110 40.6 19.4 58.1

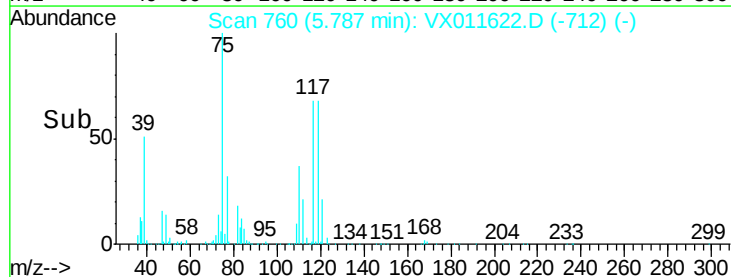
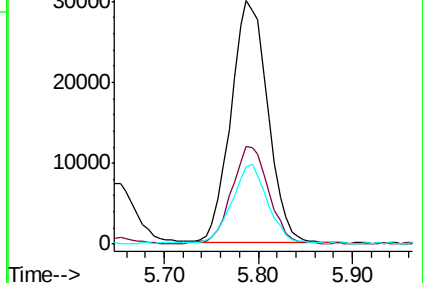
77 31.9 25.1 37.7

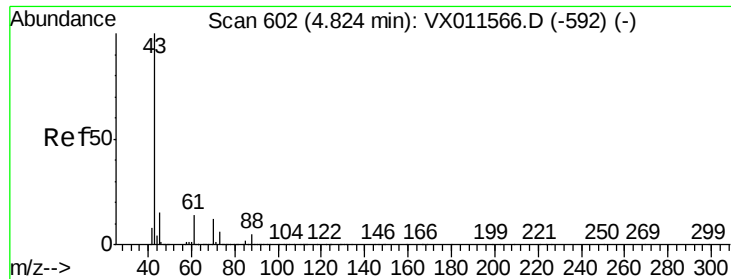


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

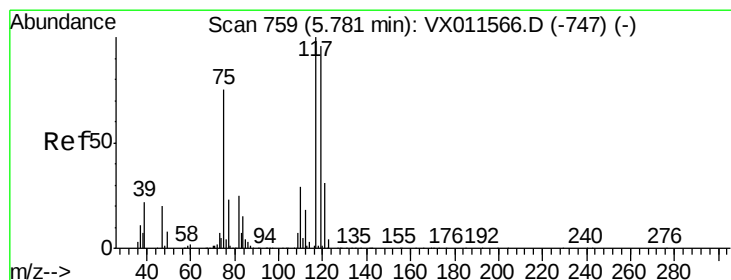
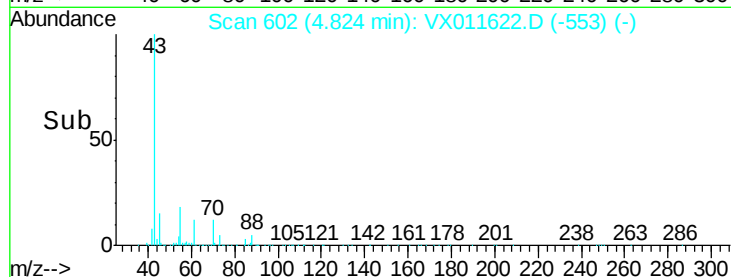
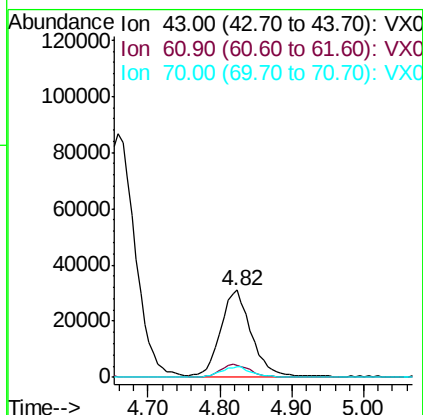
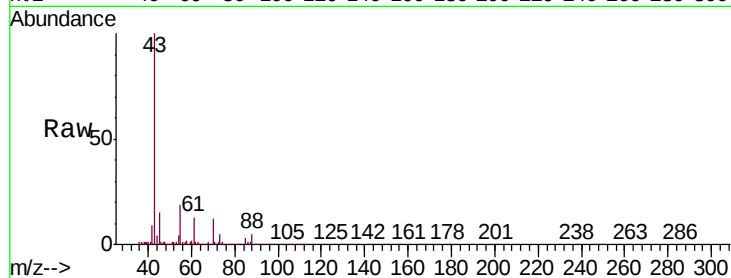




#37
Ethyl Acetate
Concen: 18.254 ug/l
RT: 4.82 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX011622.D
Acq: 19 Aug 2019 11:24

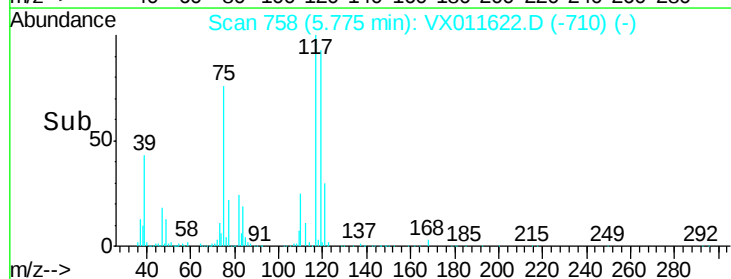
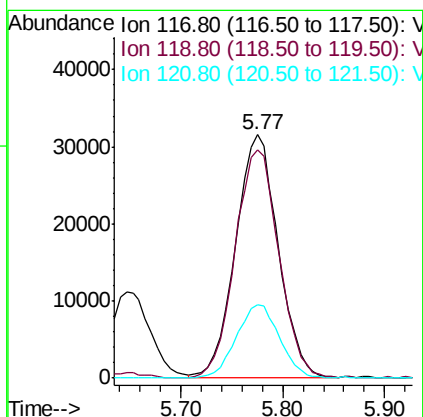
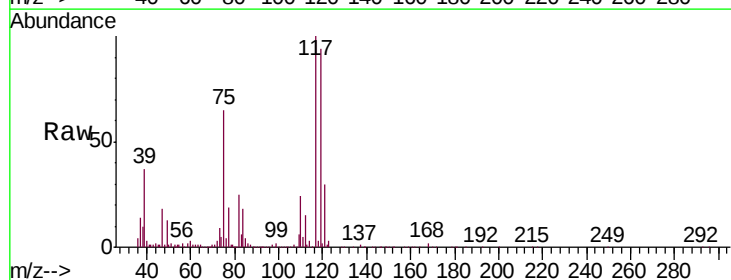
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS01

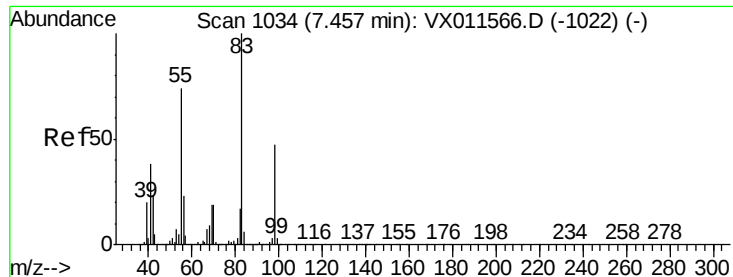
Tgt Ion: 43 Resp: 90765
Ion Ratio Lower Upper
43 100
61 14.8 11.4 17.0
70 11.6 9.0 13.6



#38
Carbon Tetrachloride
Concen: 19.081 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX011622.D
Acq: 19 Aug 2019 11:24

Tgt Ion: 117 Resp: 90881
Ion Ratio Lower Upper
117 100
119 93.5 76.9 115.3
121 30.1 24.8 37.2

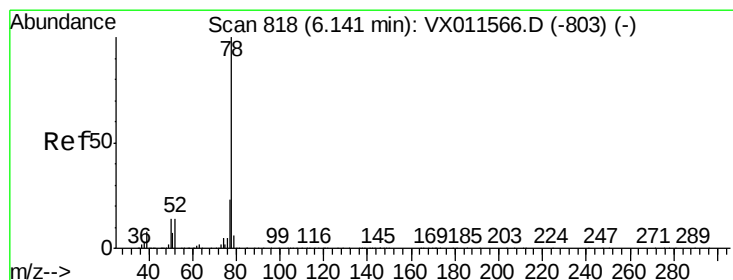
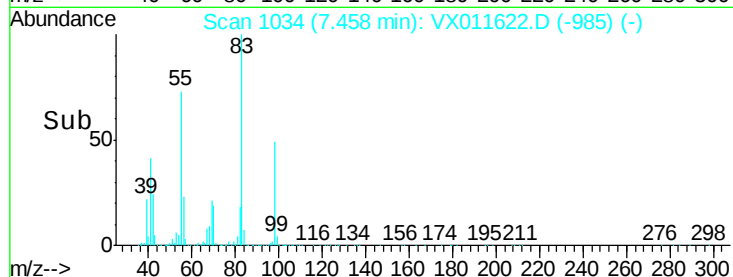
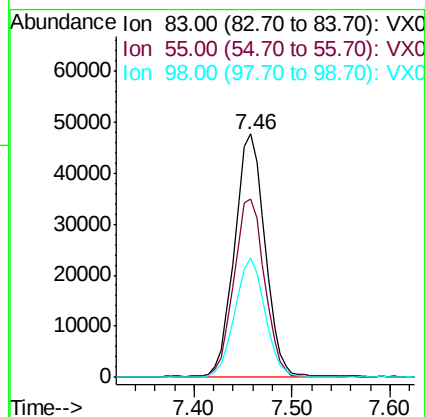
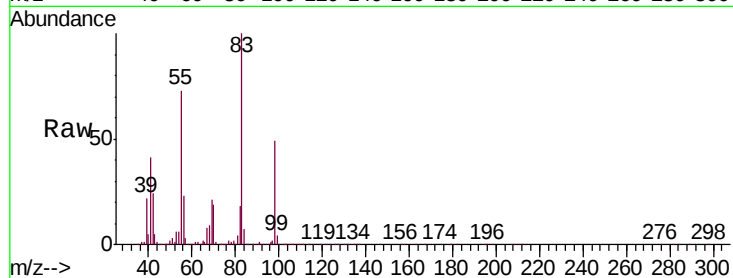




#39
Methylcyclohexane
Concen: 19.487 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011622.D
Acq: 19 Aug 2019 11:24

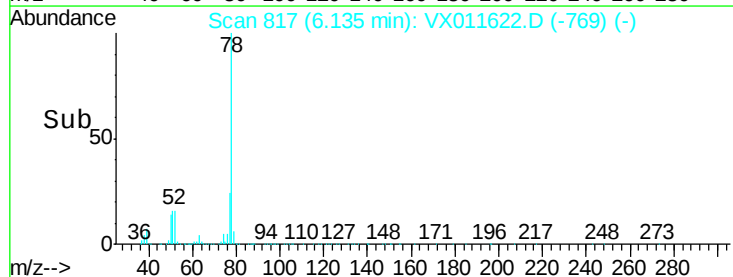
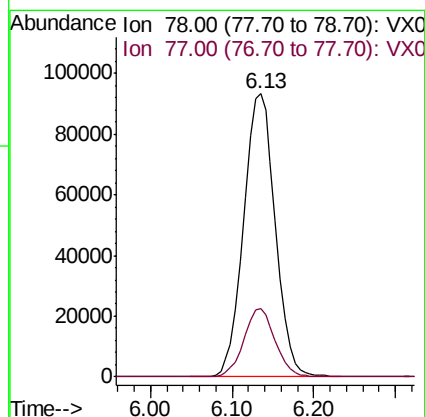
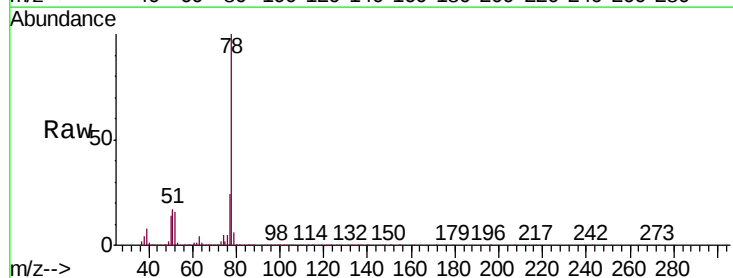
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS01

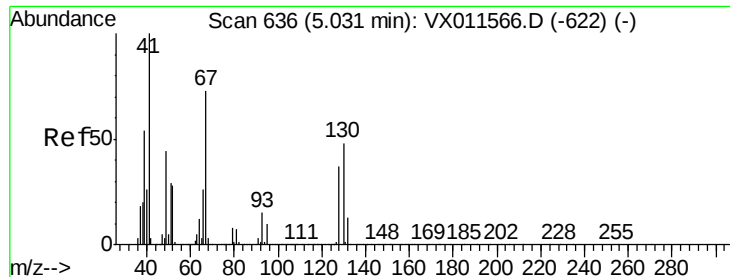
Tgt Ion: 83 Resp: 104037
Ion Ratio Lower Upper
83 100
55 72.7 58.8 88.2
98 49.1 37.8 56.6



#40
Benzene
Concen: 18.636 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX011622.D
Acq: 19 Aug 2019 11:24

Tgt Ion: 78 Resp: 250361
Ion Ratio Lower Upper
78 100
77 24.1 18.6 28.0

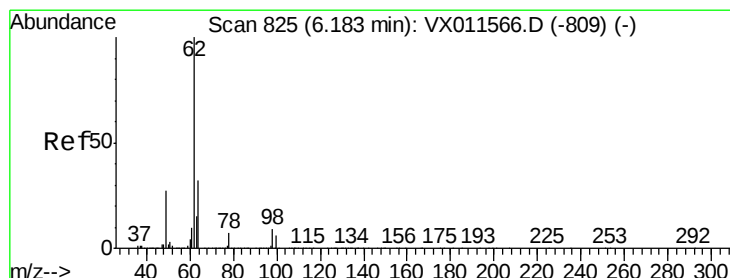
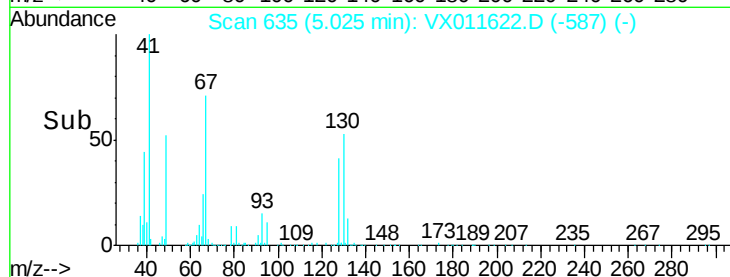
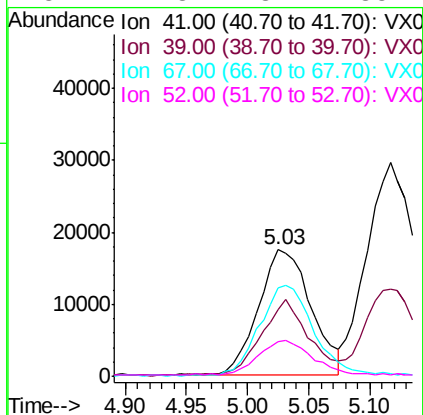
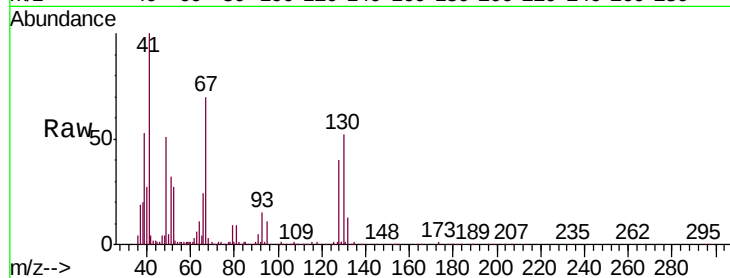




#41
Methacrylonitrile
Concen: 19.110 ug/l
RT: 5.03 min Scan# 635
Delta R.T. -0.01 min
Lab File: VX011622.D
Acq: 19 Aug 2019 11:24

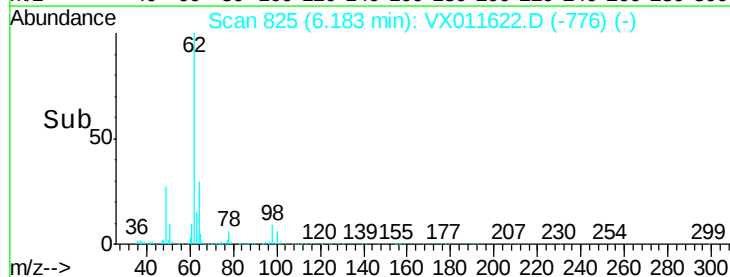
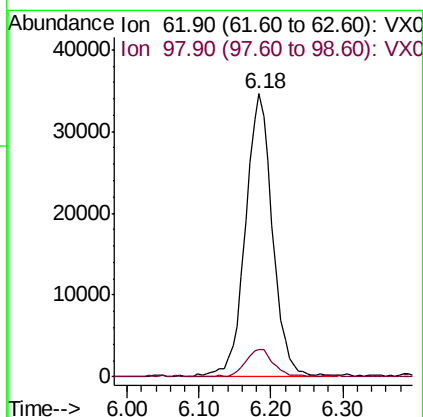
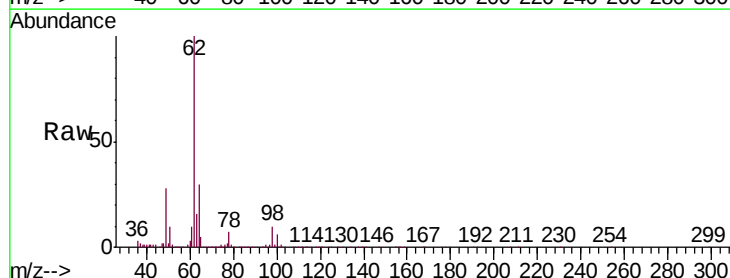
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS01

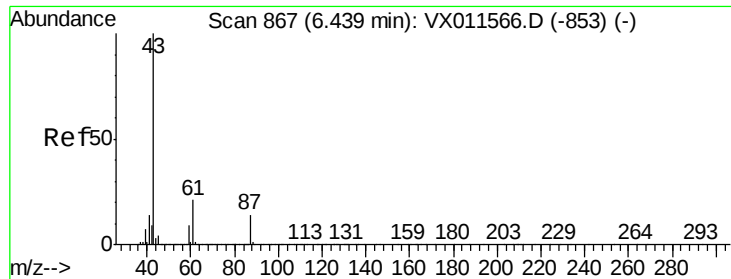
Tgt Ion:	41	Resp:	52298
Ion	Ratio	Lower	Upper
41	100		
39	56.6	43.5	65.3
67	73.5	59.4	89.2
52	27.8	23.4	35.2



#42
1,2-Dichloroethane
Concen: 19.479 ug/l
RT: 6.18 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX011622.D
Acq: 19 Aug 2019 11:24

Tgt Ion:	62	Resp:	90668
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	19.4

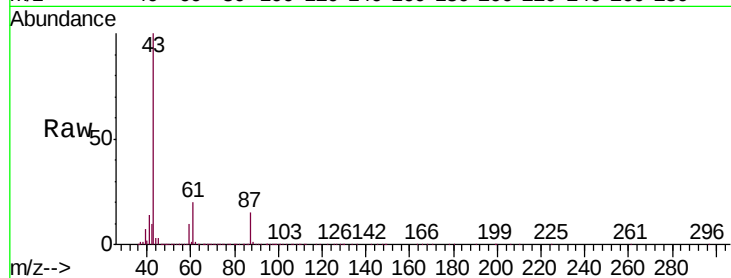




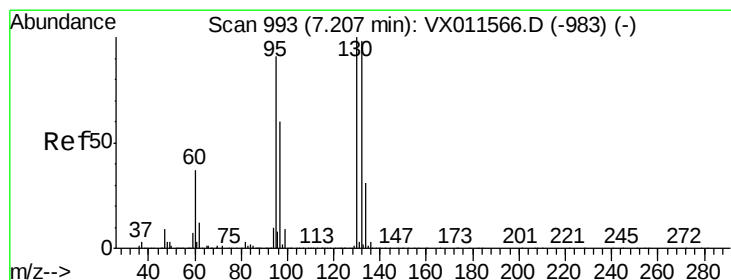
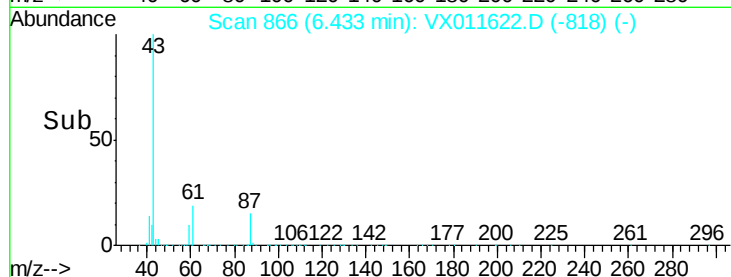
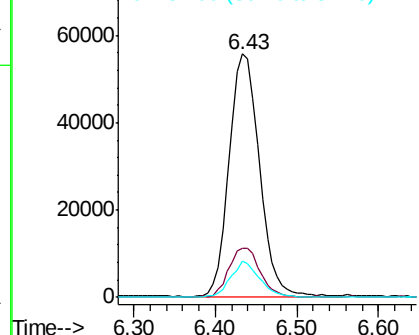
#43
Isopropyl Acetate
Concen: 18.414 ug/l
RT: 6.43 min Scan# 866
Delta R.T. -0.01 min
Lab File: VX011622.D
Acq: 19 Aug 2019 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.0	16.6	24.8
87	14.3	11.4	17.2

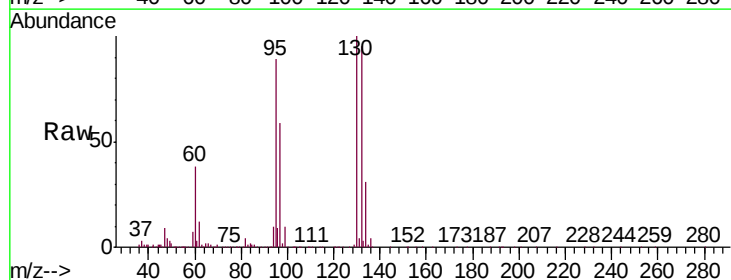


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0

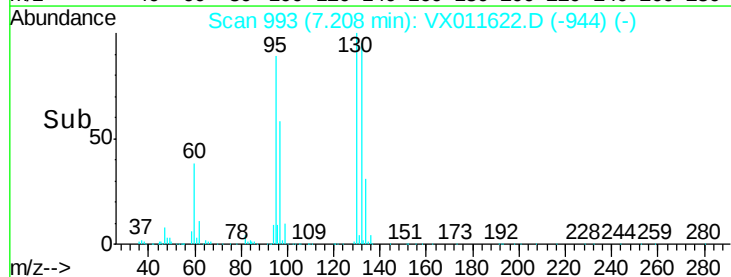
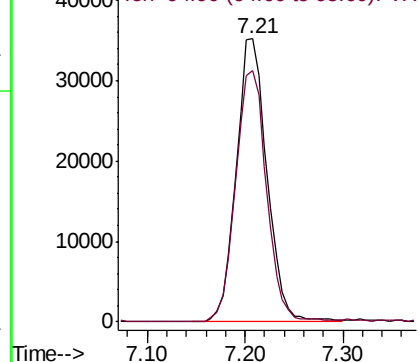


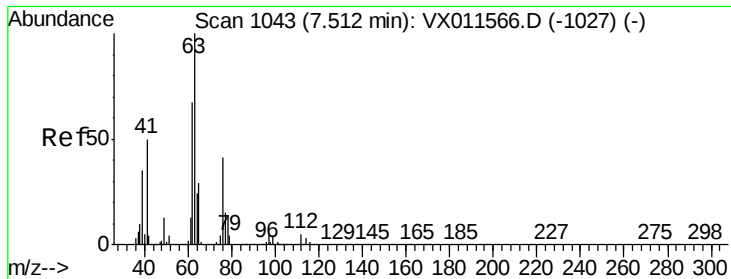
#44
Trichloroethene
Concen: 19.313 ug/l
RT: 7.21 min Scan# 993
Delta R.T. 0.00 min
Lab File: VX011622.D
Acq: 19 Aug 2019 11:24

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.3	0.0	181.4



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

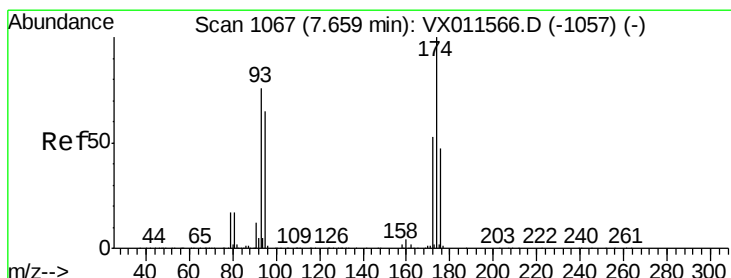
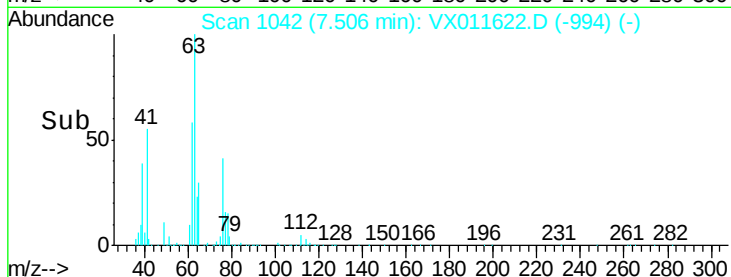
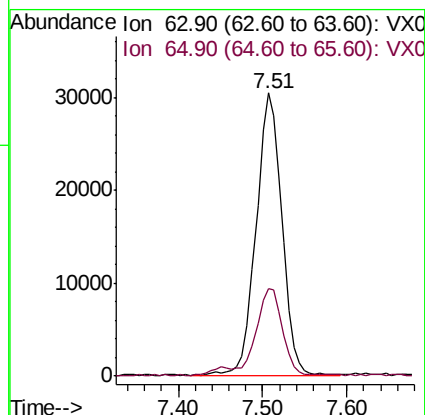
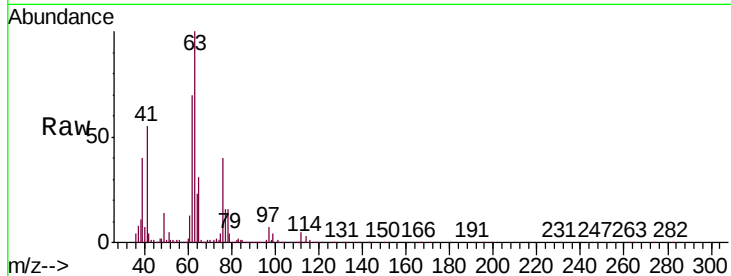




#45
 1,2-Dichloropropane
 Concen: 18.972 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX011622.D
 Acq: 19 Aug 2019 11:24

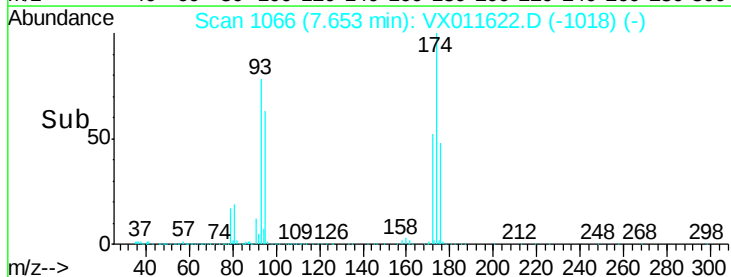
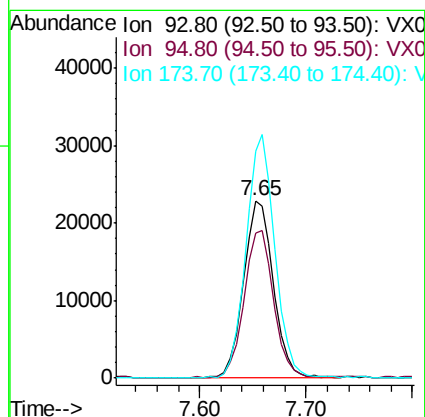
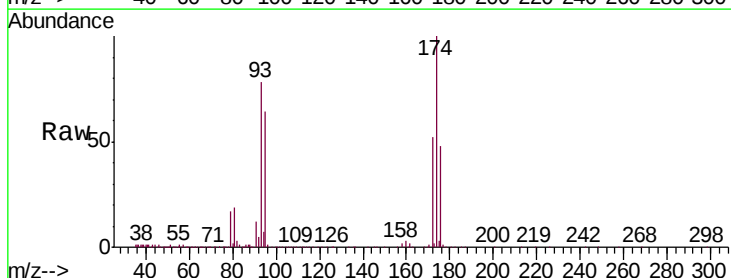
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBS01

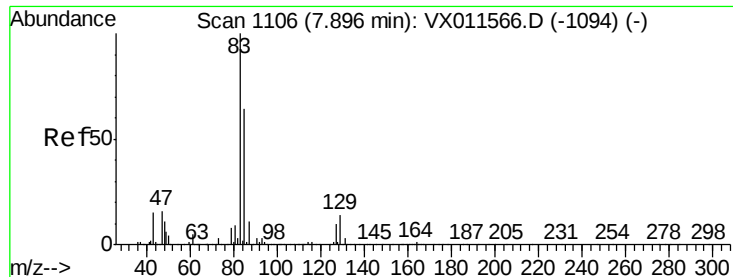
Tgt Ion: 63 Resp: 63566
 Ion Ratio Lower Upper
 63 100
 65 30.9 23.4 35.2



#46
 Dibromomethane
 Concen: 18.590 ug/l
 RT: 7.65 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: VX011622.D
 Acq: 19 Aug 2019 11:24

Tgt Ion: 93 Resp: 45262
 Ion Ratio Lower Upper
 93 100
 95 81.1 67.2 100.8
 174 132.1 105.5 158.3





#47

Bromodichloromethane

Concen: 18.688 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX011622.D

Acq: 19 Aug 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBS01

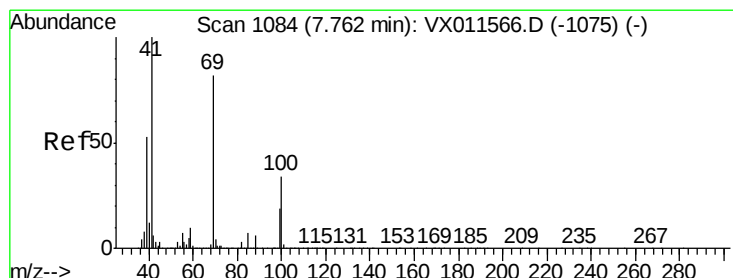
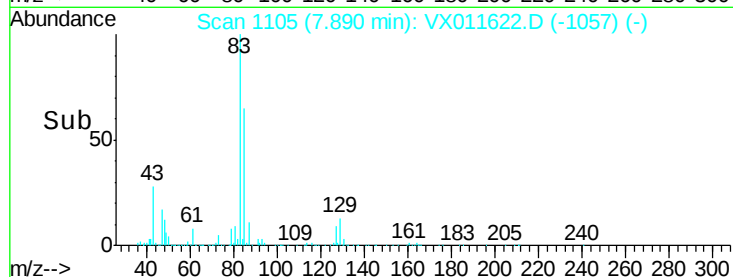
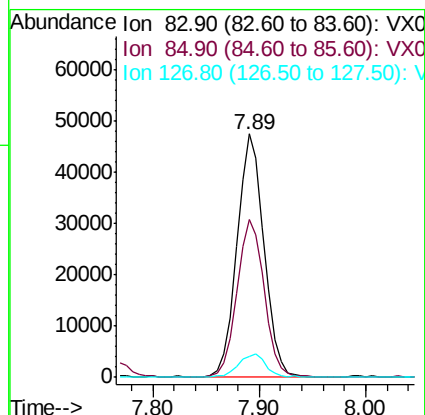
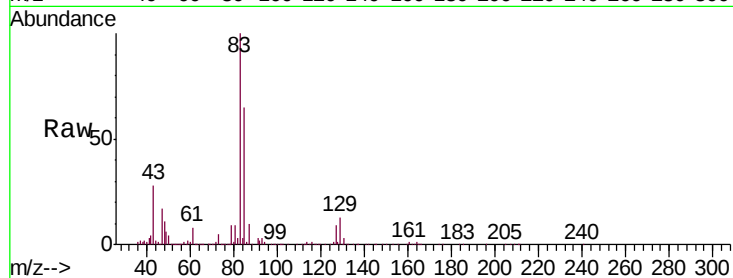
Tgt Ion: 83 Resp: 83544

Ion Ratio Lower Upper

83 100

85 64.8 51.2 76.8

127 8.7 8.1 12.1



#48

Methyl methacrylate

Concen: 18.974 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.00 min

Lab File: VX011622.D

Acq: 19 Aug 2019 11:24

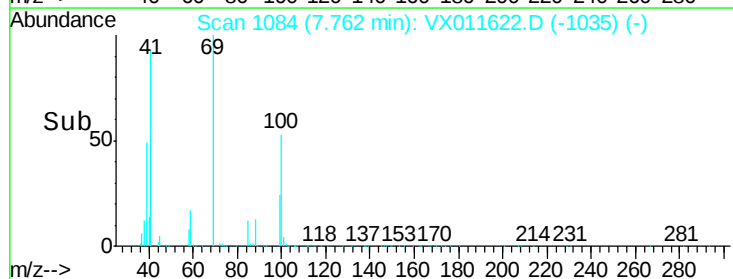
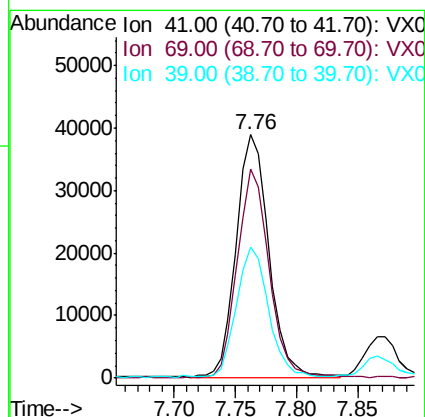
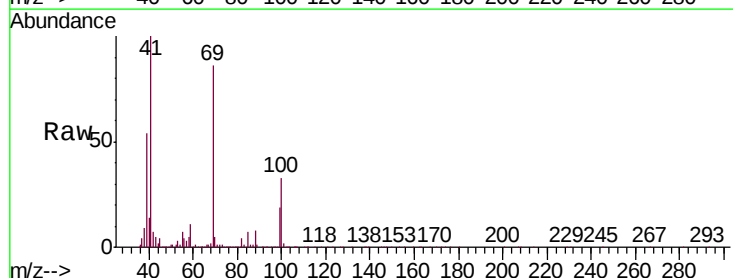
Tgt Ion: 41 Resp: 72915

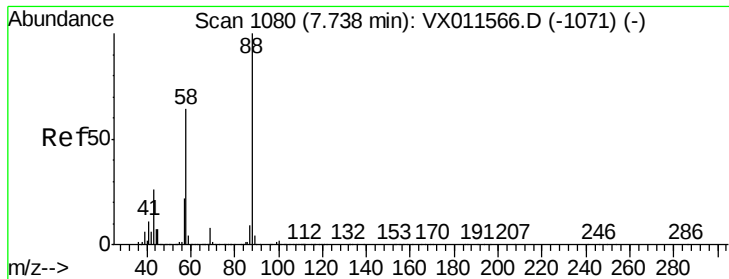
Ion Ratio Lower Upper

41 100

69 82.7 67.9 101.9

39 51.1 41.6 62.4





#49

1,4-Dioxane

Concen: 368.022 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.01 min

Lab File: VX011622.D

Acq: 19 Aug 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBS01

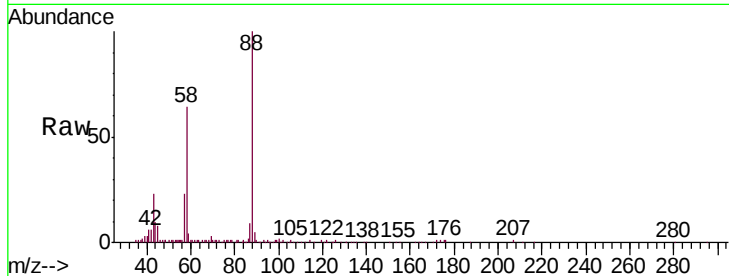
Tgt Ion: 88 Resp: 37616

Ion Ratio Lower Upper

88 100

43 31.3 23.4 35.0

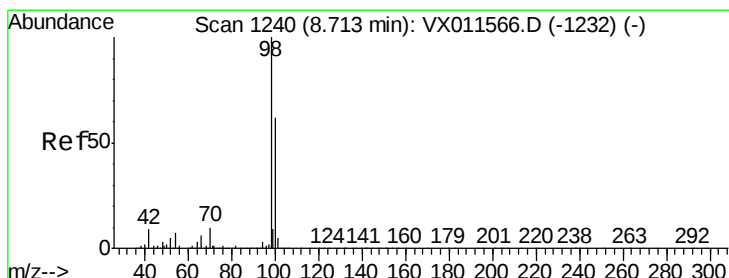
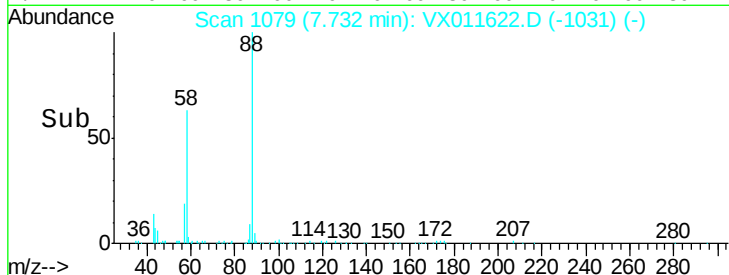
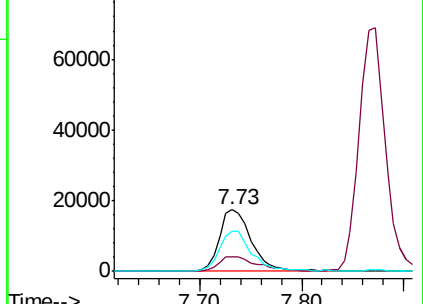
58 66.3 54.3 81.5



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 44.562 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011622.D

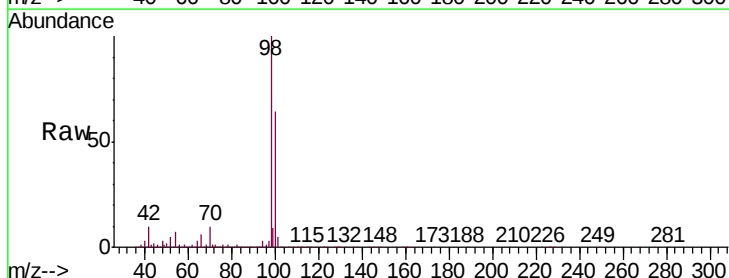
Acq: 19 Aug 2019 11:24

Tgt Ion: 98 Resp: 459200

Ion Ratio Lower Upper

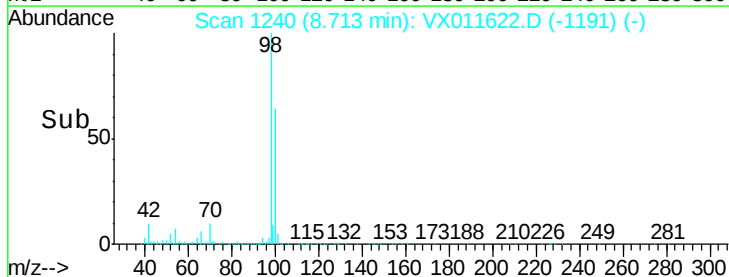
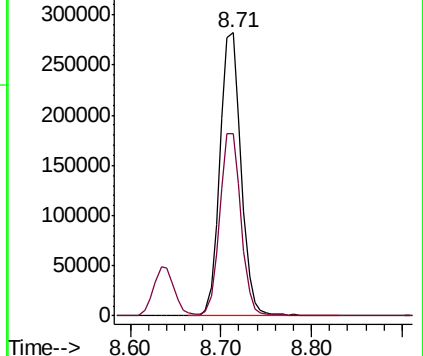
98 100

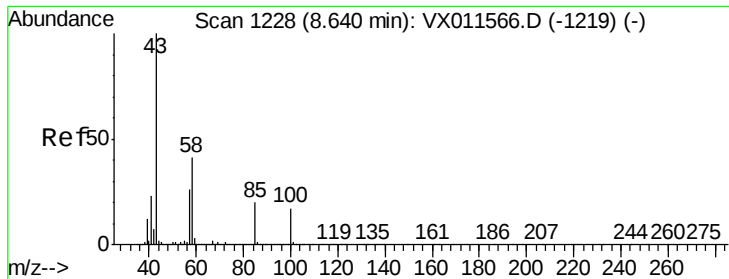
100 64.8 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

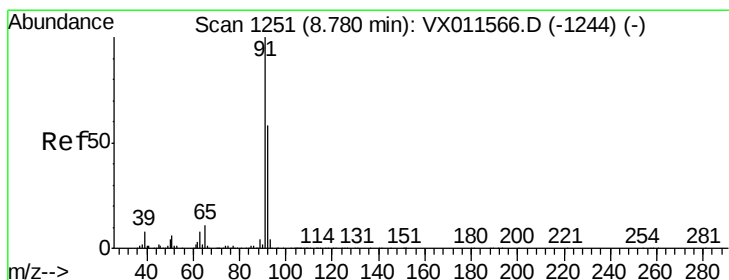
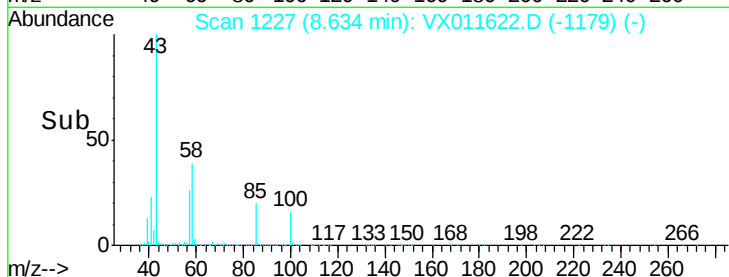
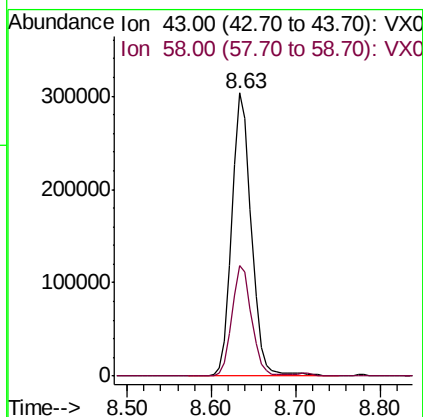
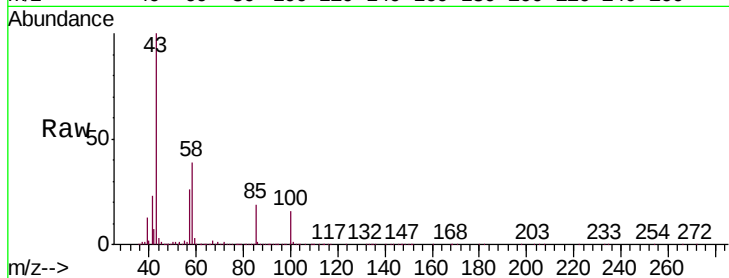




#51
 4-Methyl-2-Pentanone
 Concen: 94.514 ug/l
 RT: 8.63 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VX011622.D
 Acq: 19 Aug 2019 11:24

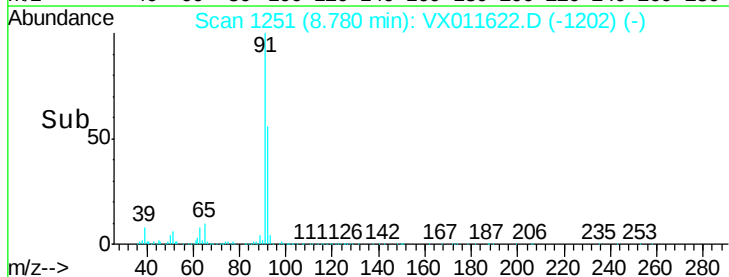
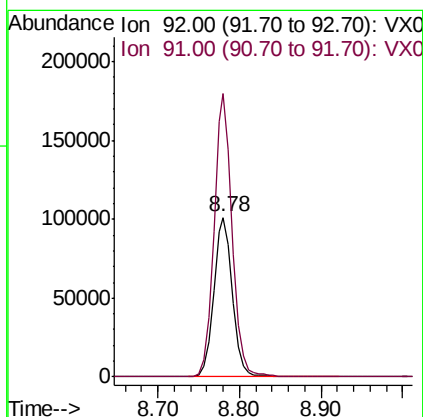
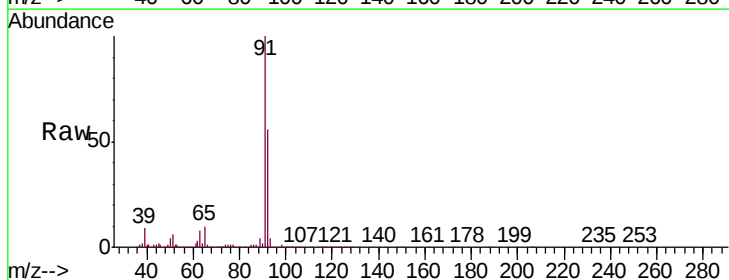
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBS01

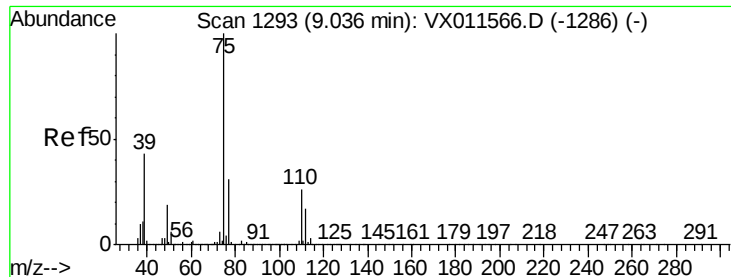
Tgt Ion: 43 Resp: 480061
 Ion Ratio Lower Upper
 43 100
 58 39.0 31.8 47.6



#52
 Toluene
 Concen: 18.988 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VX011622.D
 Acq: 19 Aug 2019 11:24

Tgt Ion: 92 Resp: 162517
 Ion Ratio Lower Upper
 92 100
 91 172.8 138.0 207.0





#53

t-1,3-Dichloropropene

Concen: 19.183 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX011622.D

Acq: 19 Aug 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

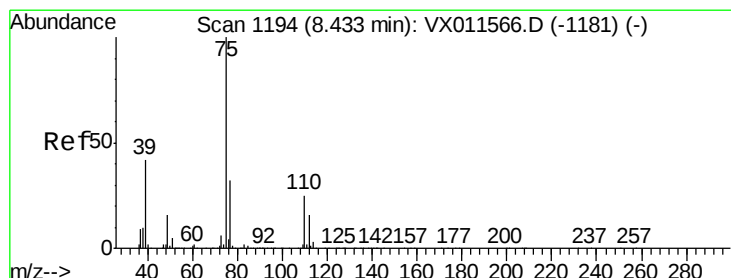
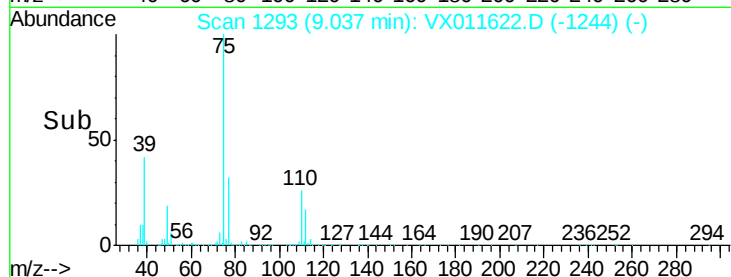
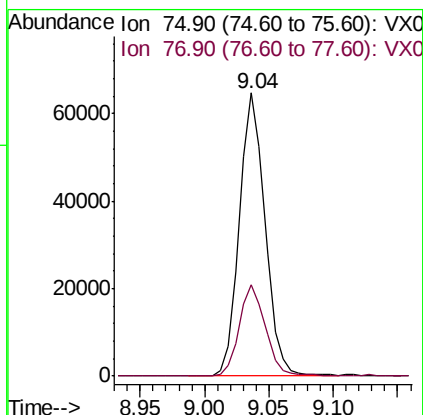
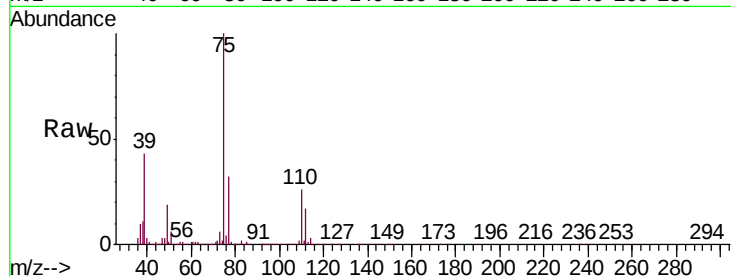
VX0819WBS01

Tgt Ion: 75 Resp: 89000

Ion Ratio Lower Upper

75 100

77 32.0 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 19.543 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX011622.D

Acq: 19 Aug 2019 11:24

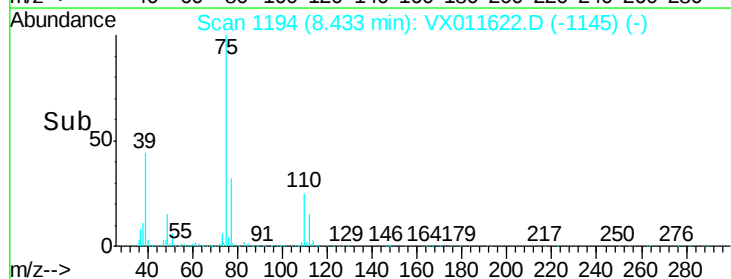
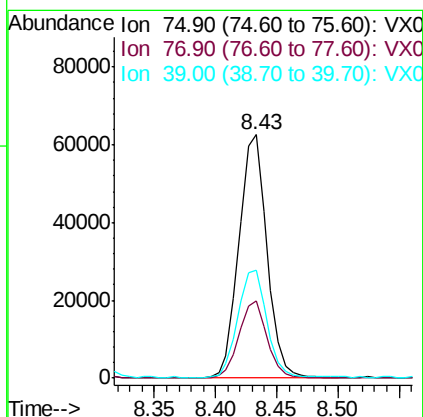
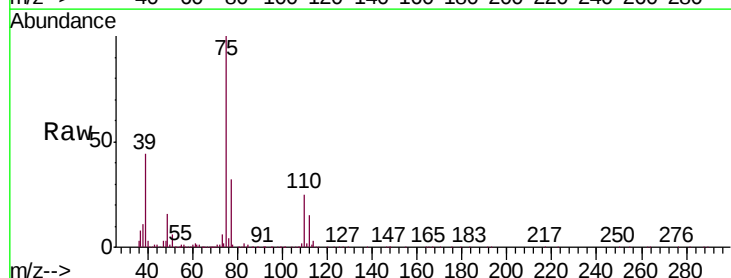
Tgt Ion: 75 Resp: 99228

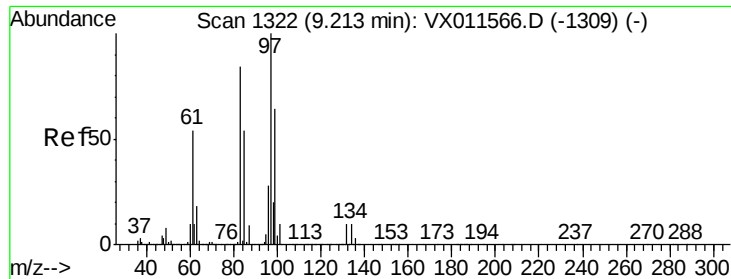
Ion Ratio Lower Upper

75 100

77 31.5 25.5 38.3

39 44.2 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 18.844 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX011622.D

Acq: 19 Aug 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBS01

Tgt Ion: 97 Resp: 68586

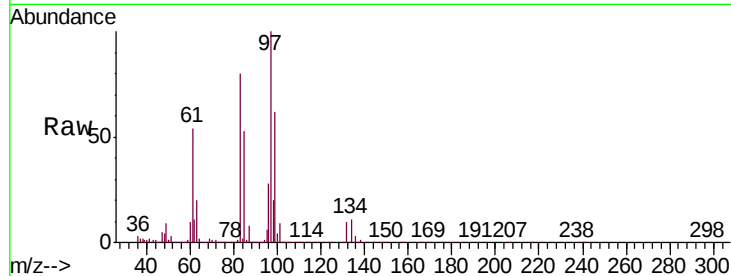
Ion Ratio Lower Upper

97 100

83 80.0 67.4 101.0

85 52.8 43.4 65.2

99 61.9 51.1 76.7

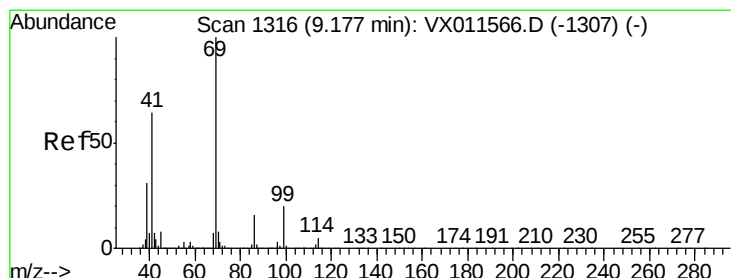
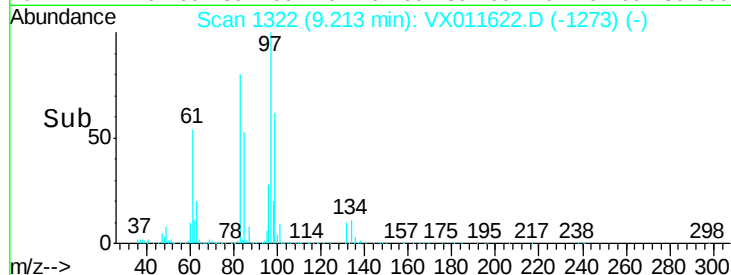
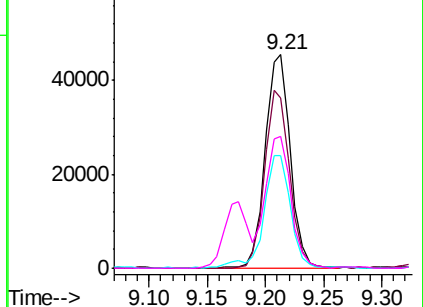


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 18.640 ug/l

RT: 9.17 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VX011622.D

Acq: 19 Aug 2019 11:24

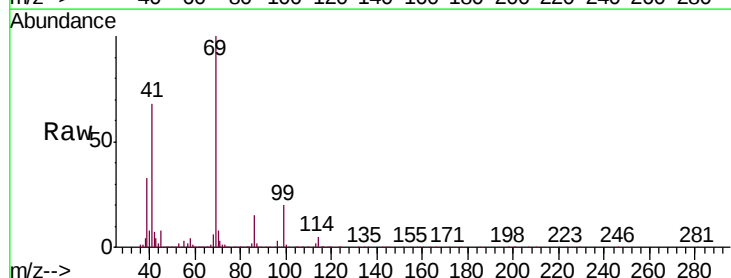
Tgt Ion: 69 Resp: 98604

Ion Ratio Lower Upper

69 100

41 65.1 52.1 78.1

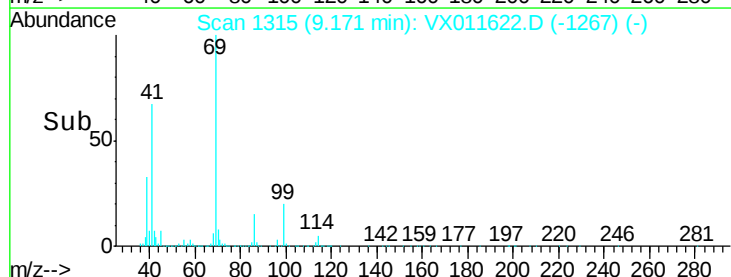
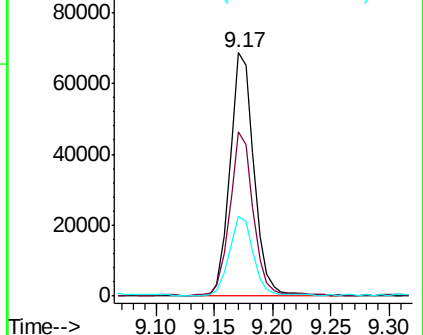
39 32.3 25.4 38.0

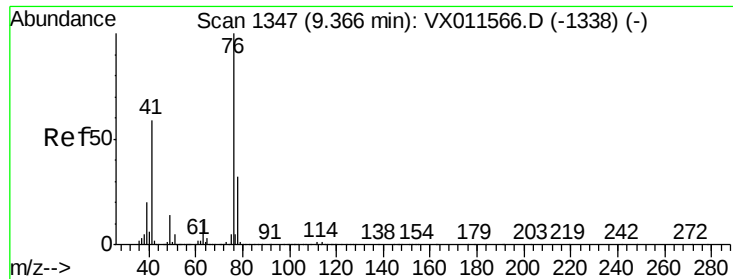


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

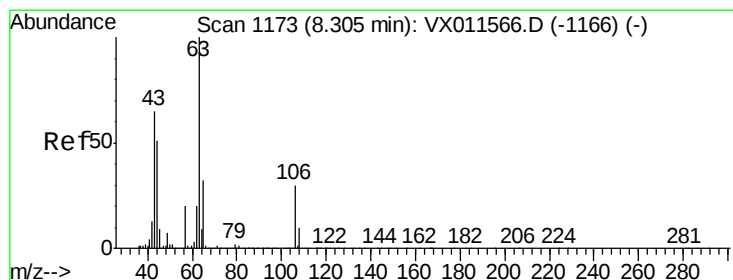
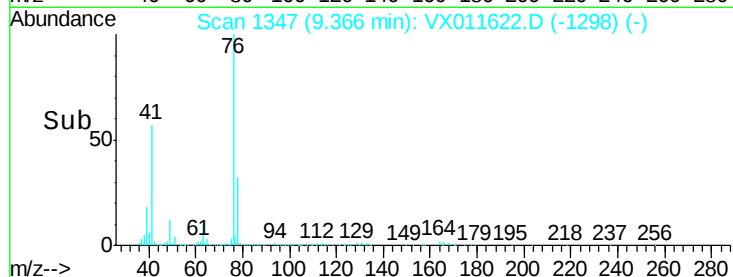
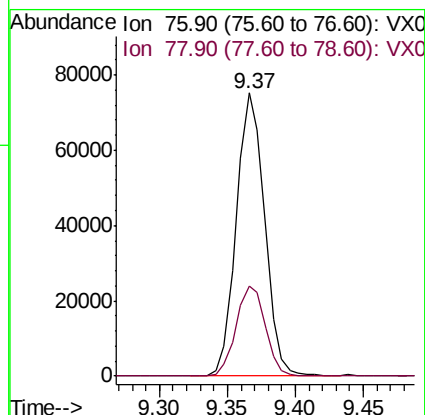
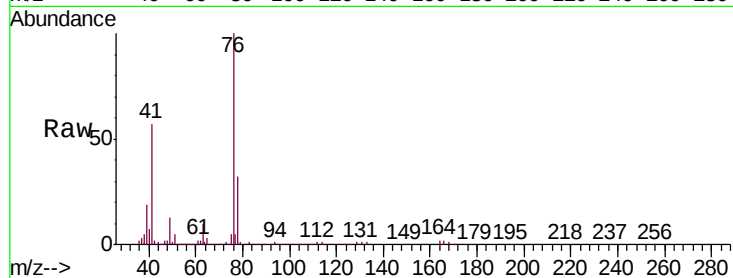




#57
 1,3-Dichloropropane
 Concen: 18.852 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: VX011622.D
 Acq: 19 Aug 2019 11:24

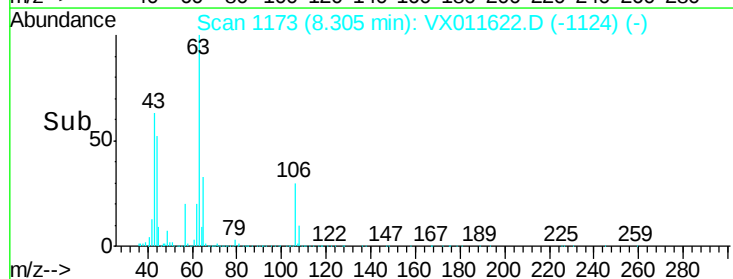
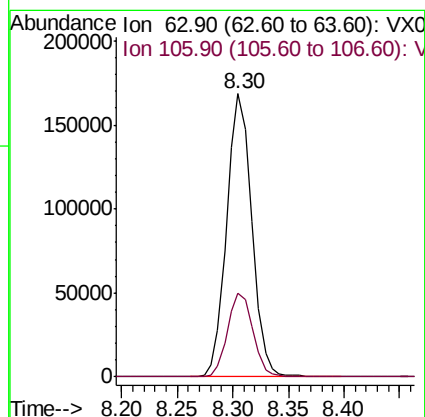
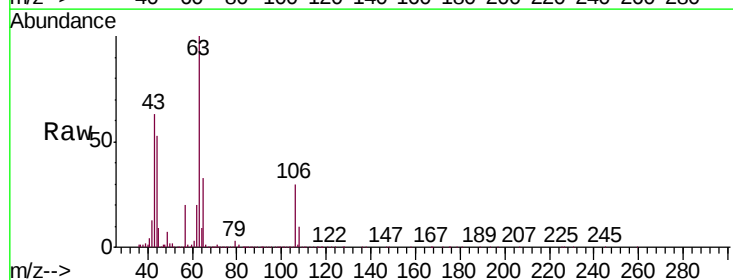
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBS01

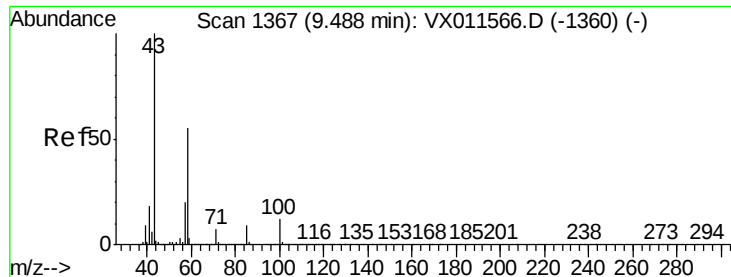
Tgt Ion: 76 Resp: 109072
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.084 ug/l
 RT: 8.30 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VX011622.D
 Acq: 19 Aug 2019 11:24

Tgt Ion: 63 Resp: 263806
 Ion Ratio Lower Upper
 63 100
 106 29.8 24.7 37.1

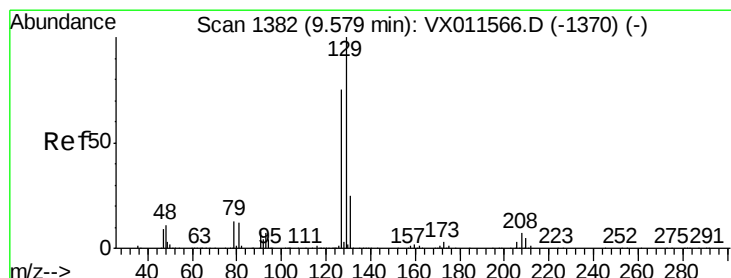
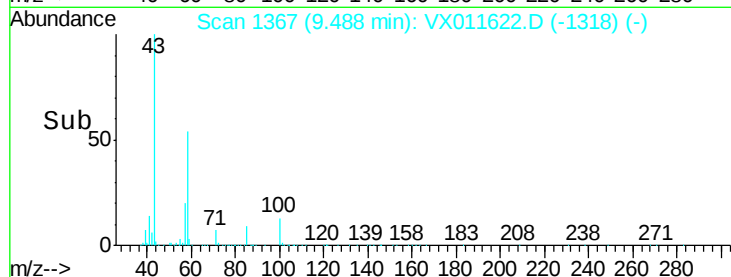
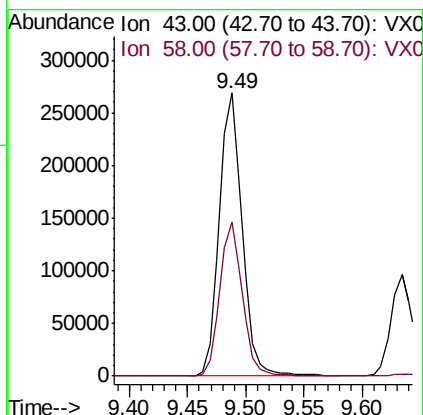
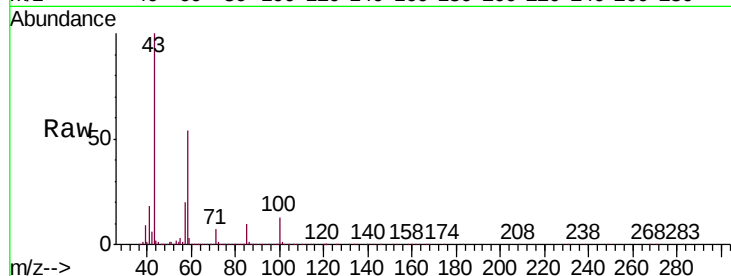




#59
2-Hexanone
Concen: 92.957 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011622.D
Acq: 19 Aug 2019 11:24

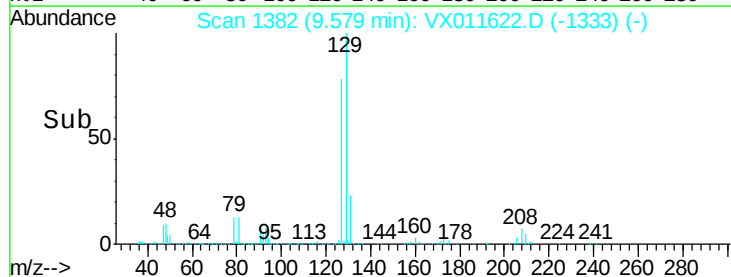
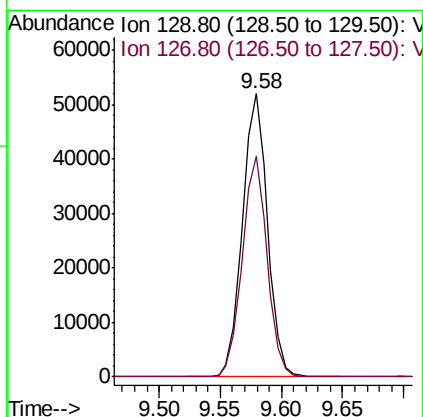
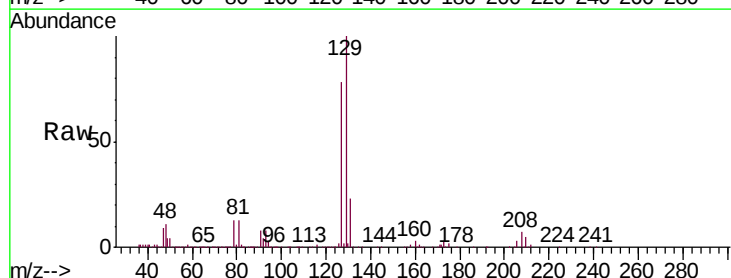
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS01

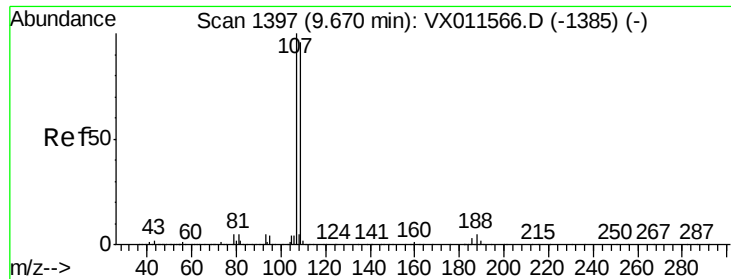
Tgt Ion: 43 Resp: 364101
Ion Ratio Lower Upper
43 100
58 54.4 27.5 82.4



#60
Dibromochloromethane
Concen: 19.495 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011622.D
Acq: 19 Aug 2019 11:24

Tgt Ion: 129 Resp: 73927
Ion Ratio Lower Upper
129 100
127 77.2 38.0 114.1





#61

1,2-Dibromoethane

Concen: 18.911 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011622.D

Acq: 19 Aug 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

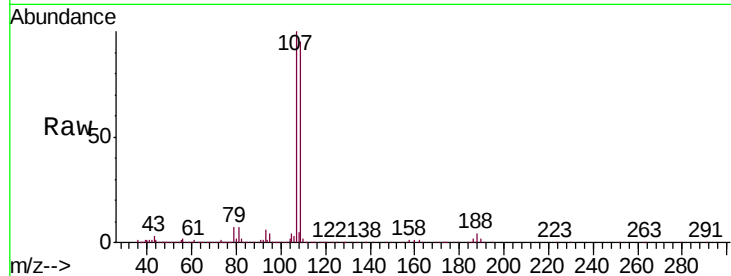
VX0819WBS01

Tgt Ion: 107 Resp: 73458

Ion Ratio Lower Upper

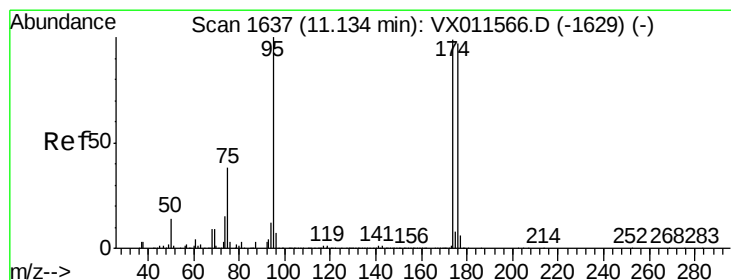
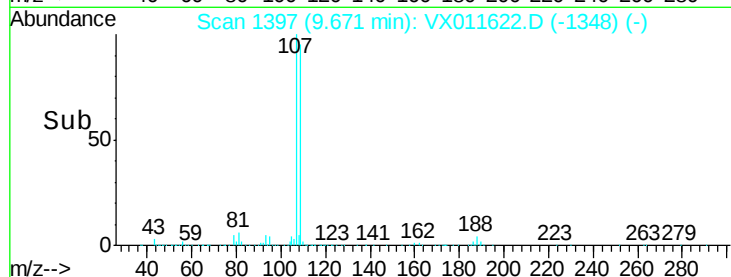
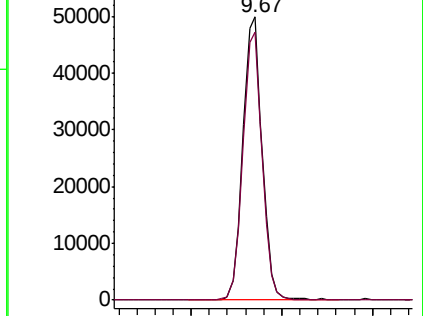
107 100

109 94.3 76.2 114.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.329 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011622.D

Acq: 19 Aug 2019 11:24

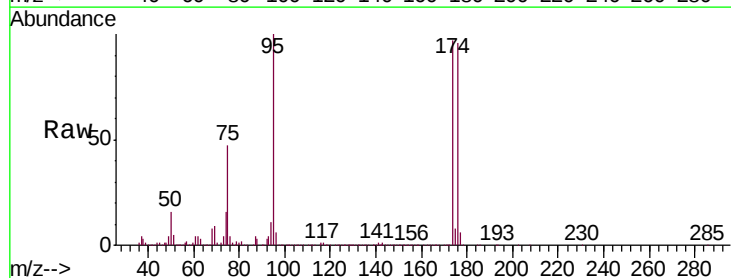
Tgt Ion: 95 Resp: 192808

Ion Ratio Lower Upper

95 100

174 99.0 0.0 200.6

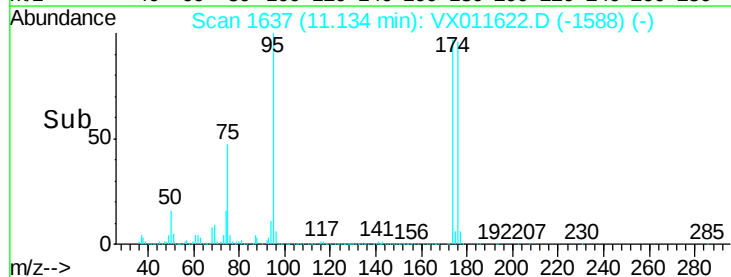
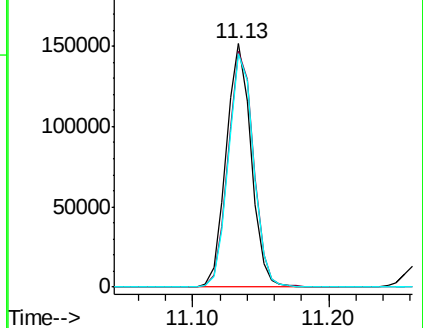
176 96.6 0.0 196.6

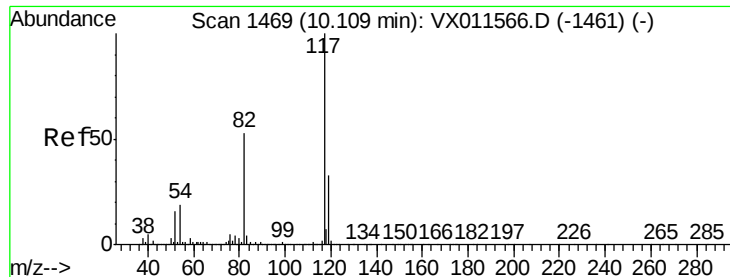


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

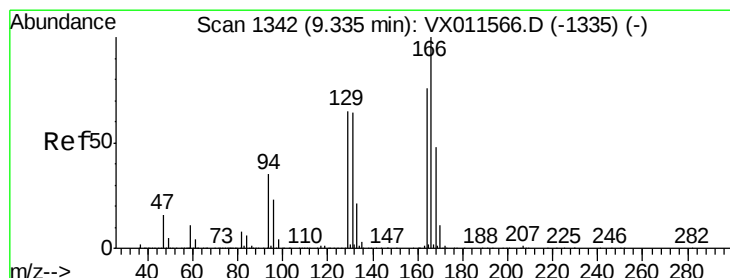
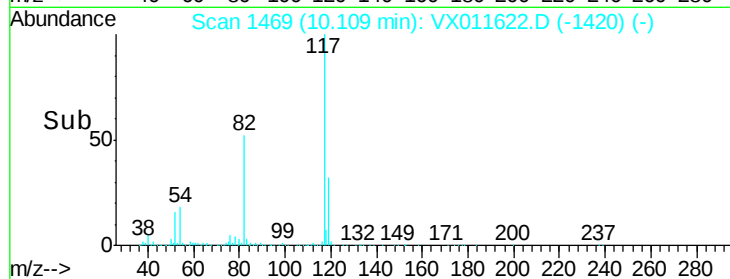
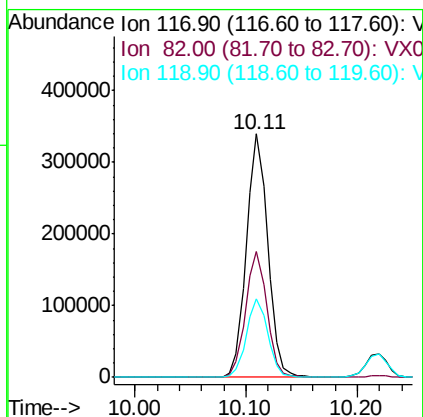
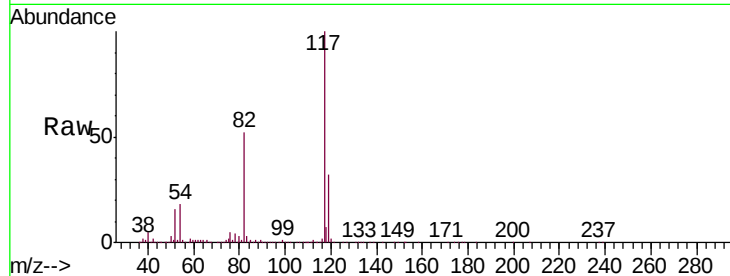




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011622.D
Acq: 19 Aug 2019 11:24

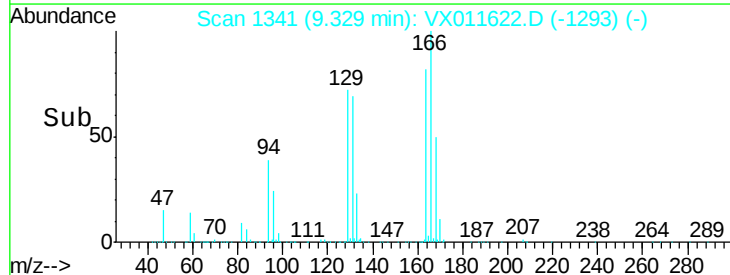
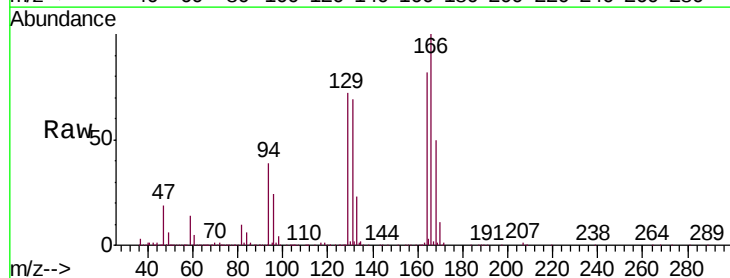
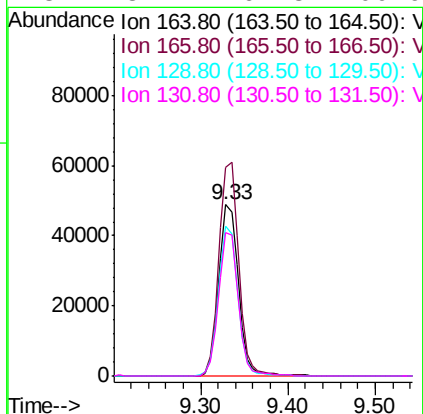
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS01

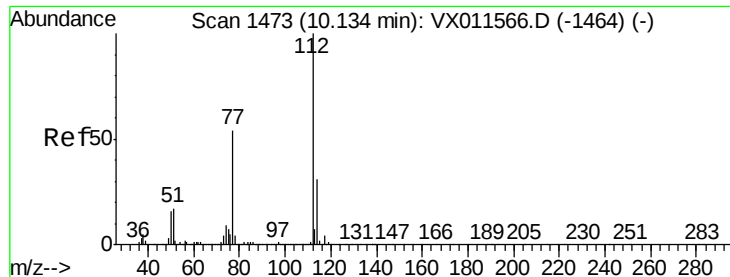
Tgt Ion:117 Resp: 453780
Ion Ratio Lower Upper
117 100
82 51.5 42.0 63.0
119 32.3 26.5 39.7



#64
Tetrachloroethene
Concen: 20.395 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VX011622.D
Acq: 19 Aug 2019 11:24

Tgt Ion:164 Resp: 75935
Ion Ratio Lower Upper
164 100
166 122.3 104.7 157.1
129 87.5 68.2 102.4
131 84.1 67.3 100.9





#65

Chlorobenzene

Concen: 19.182 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX011622.D

Acq: 19 Aug 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

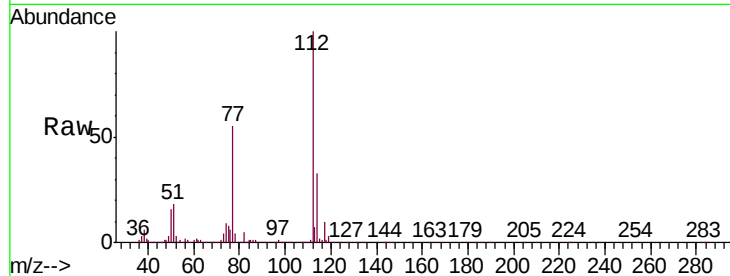
VX0819WBS01

Tgt Ion:112 Resp: 185658

Ion Ratio Lower Upper

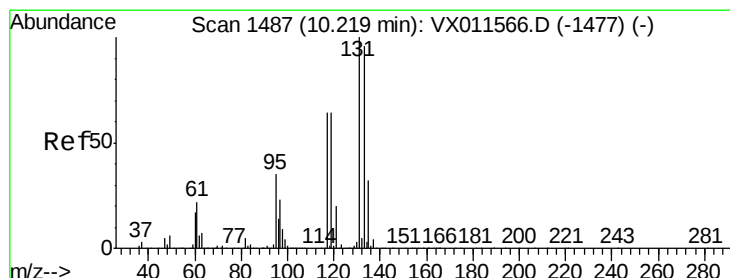
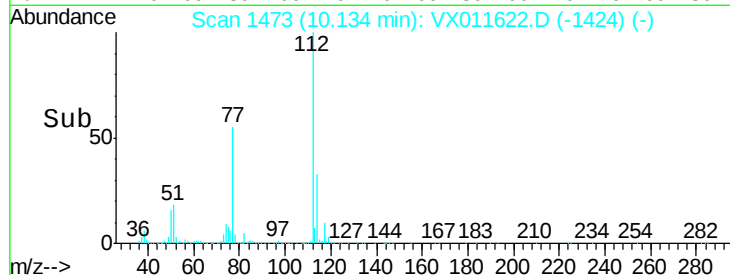
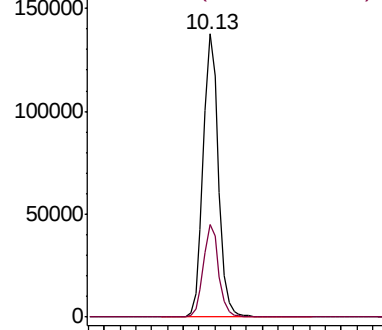
112 100

114 32.6 25.0 37.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.509 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX011622.D

Acq: 19 Aug 2019 11:24

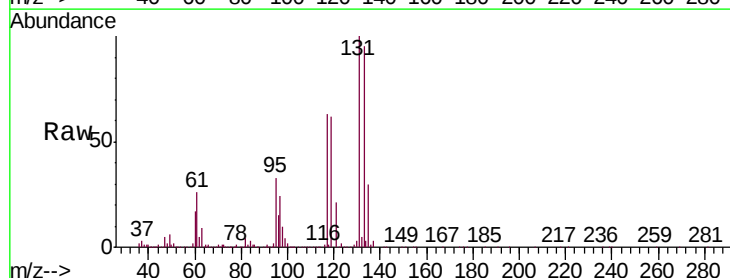
Tgt Ion:131 Resp: 70576

Ion Ratio Lower Upper

131 100

133 94.2 48.1 144.4

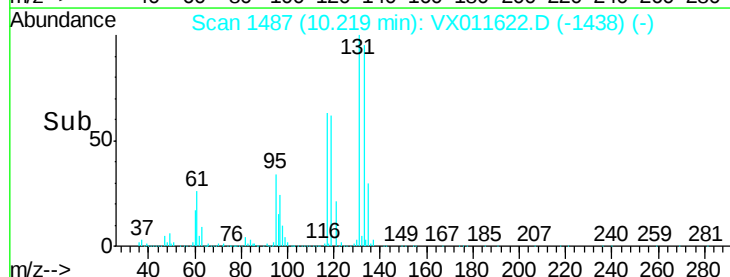
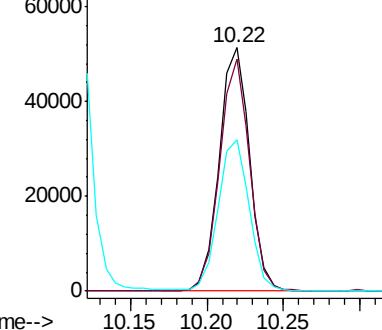
119 63.6 31.3 93.8

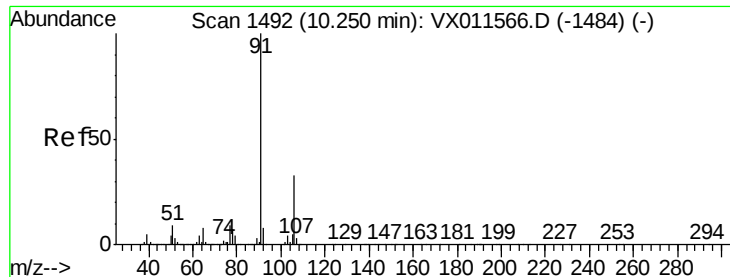


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.334 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011622.D

Acq: 19 Aug 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

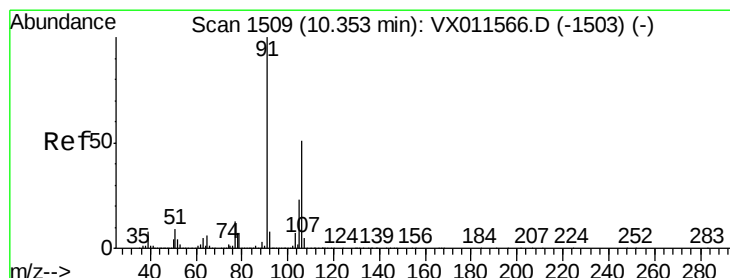
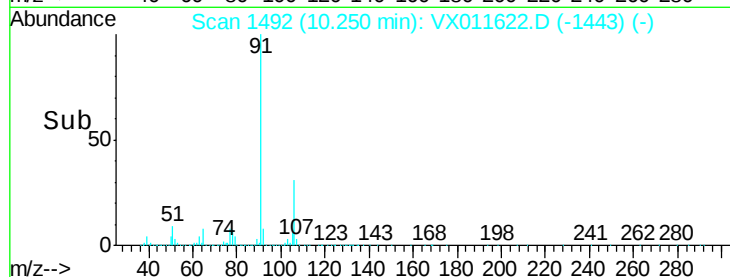
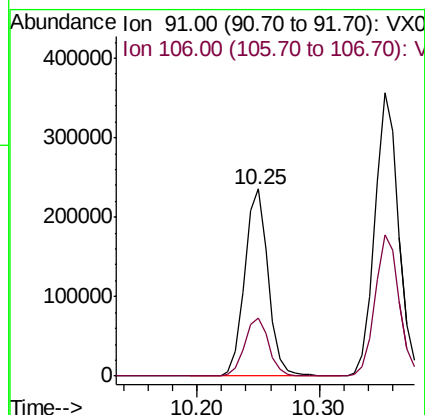
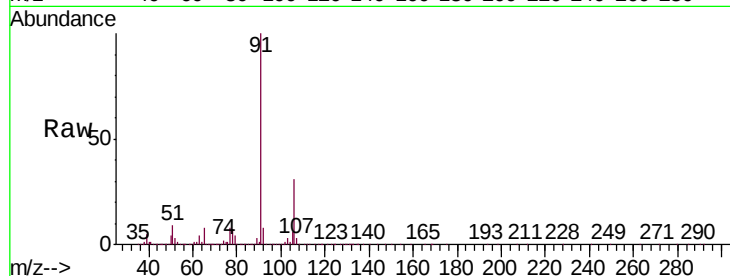
VX0819WBS01

Tgt Ion: 91 Resp: 312292

Ion Ratio Lower Upper

91 100

106 31.3 26.0 39.0



#68

m/p-Xylenes

Concen: 39.576 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VX011622.D

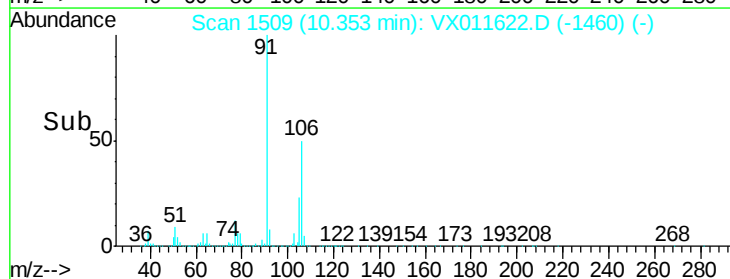
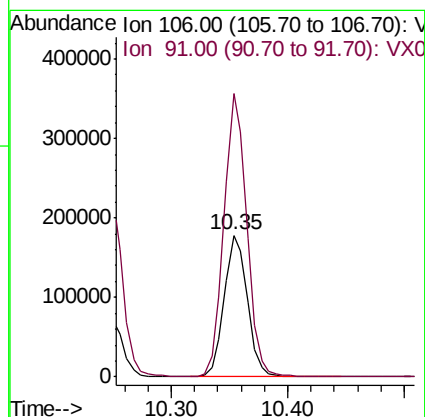
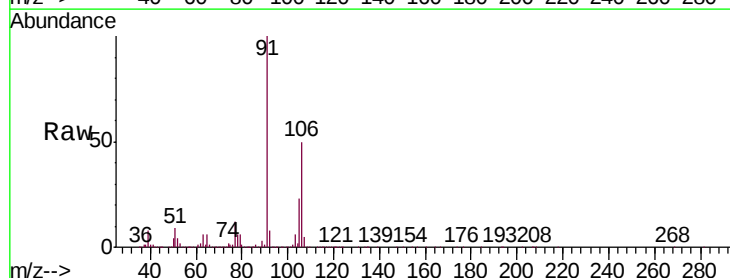
Acq: 19 Aug 2019 11:24

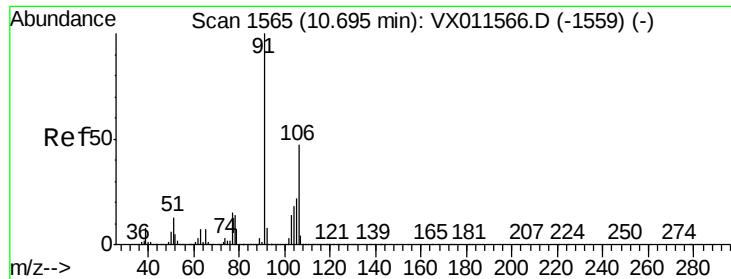
Tgt Ion: 106 Resp: 245382

Ion Ratio Lower Upper

106 100

91 196.9 156.0 234.0

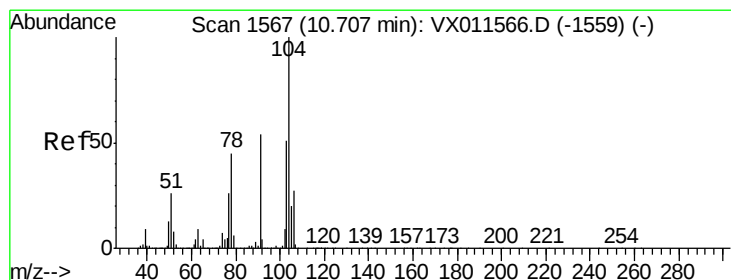
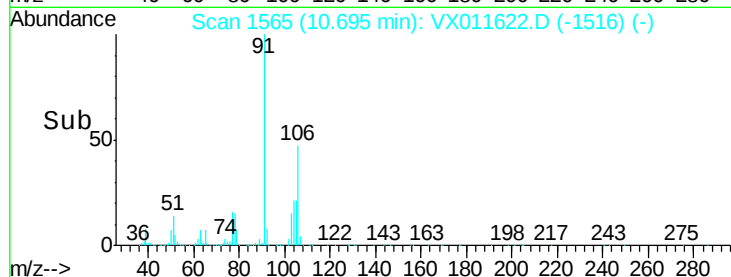
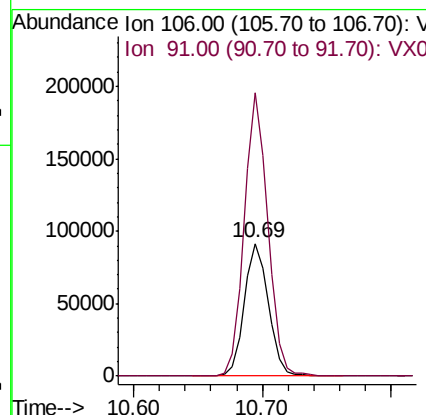
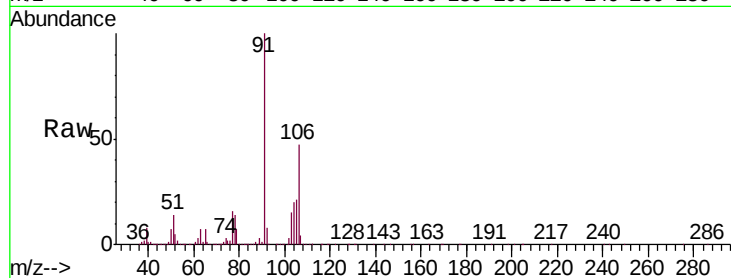




#69
o-Xylene
Concen: 19.485 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011622.D
Acq: 19 Aug 2019 11:24

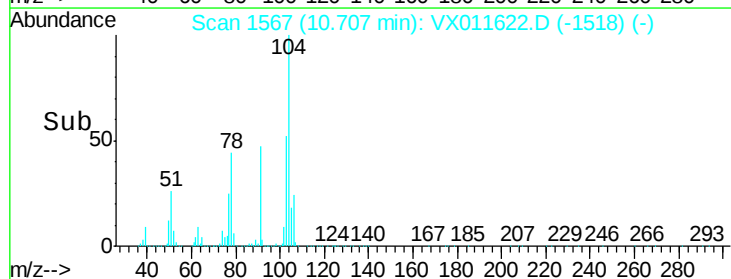
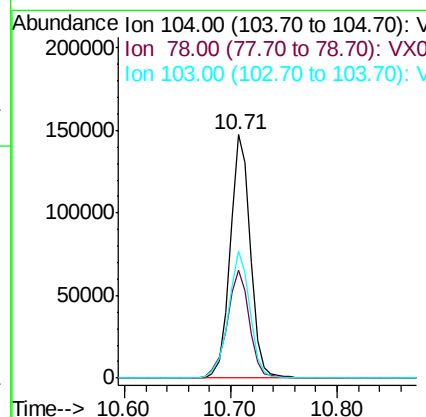
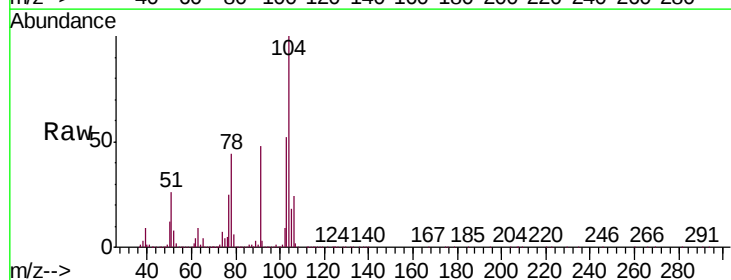
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS01

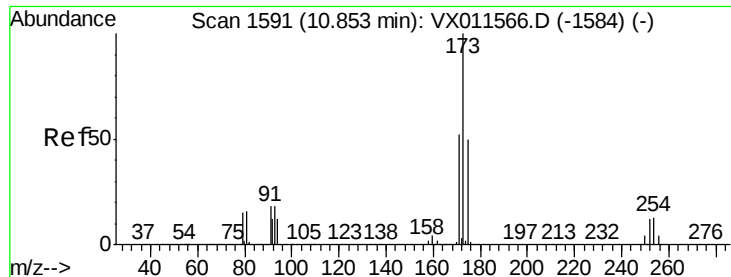
Tgt Ion:106 Resp: 118341
Ion Ratio Lower Upper
106 100
91 208.4 105.5 316.4



#70
Styrene
Concen: 19.217 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011622.D
Acq: 19 Aug 2019 11:24

Tgt Ion:104 Resp: 196478
Ion Ratio Lower Upper
104 100
78 48.4 38.2 57.4
103 55.4 43.6 65.4

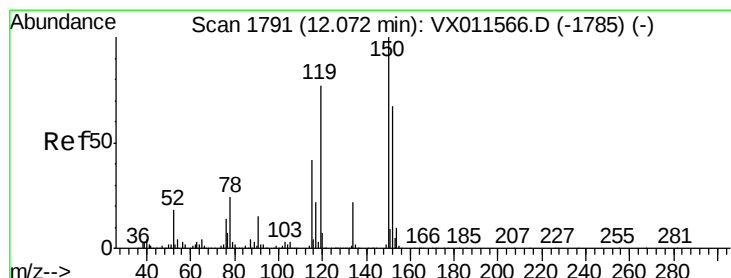
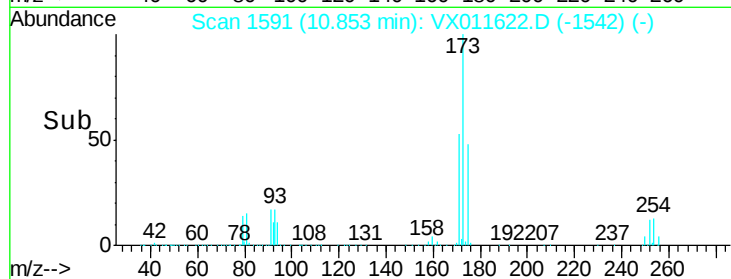
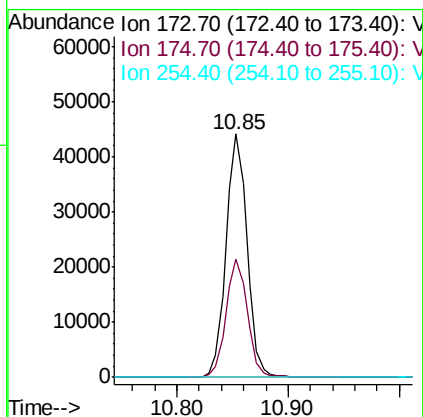
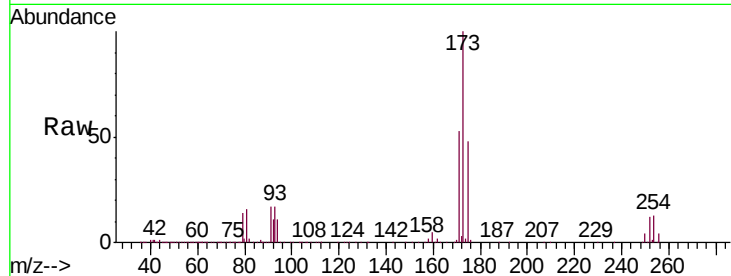




#71
Bromoform
Concen: 18.620 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX011622.D
Acq: 19 Aug 2019 11:24

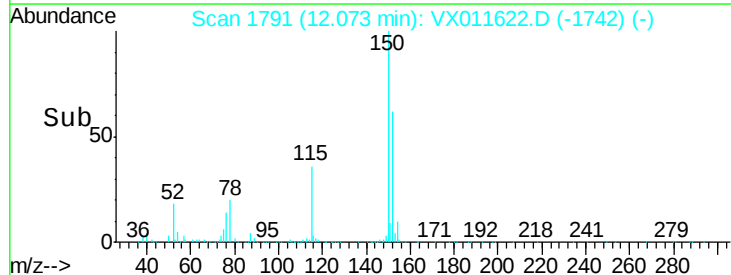
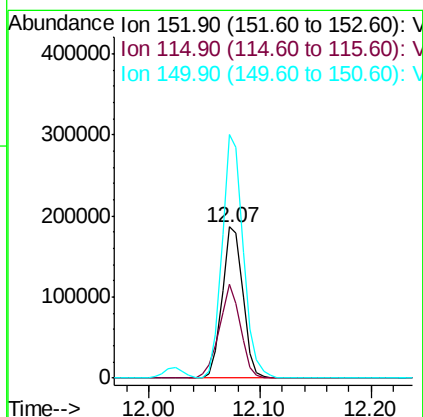
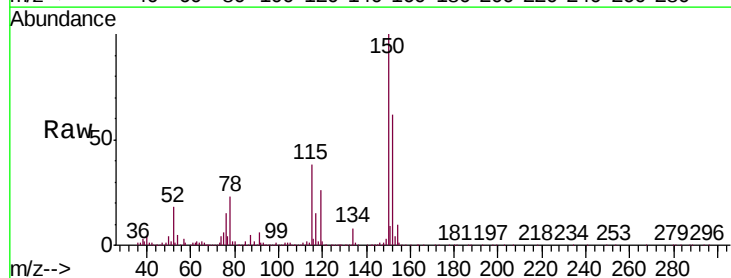
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS01

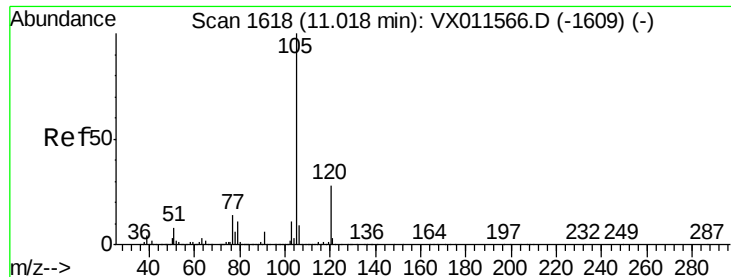
Tgt Ion:173 Resp: 57682
Ion Ratio Lower Upper
173 100
175 49.5 24.9 74.7
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX011622.D
Acq: 19 Aug 2019 11:24

Tgt Ion:152 Resp: 239121
Ion Ratio Lower Upper
152 100
115 63.7 37.3 111.9
150 164.7 0.0 346.2





#73

Isopropylbenzene

Concen: 20.612 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011622.D

Acq: 19 Aug 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

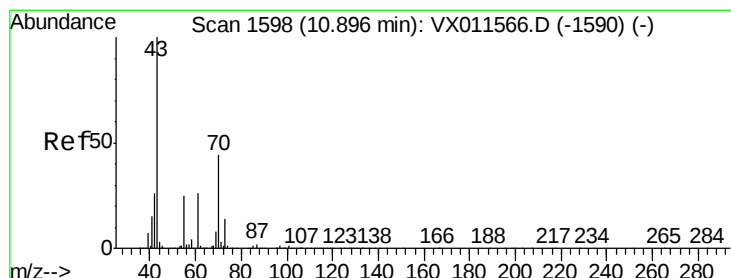
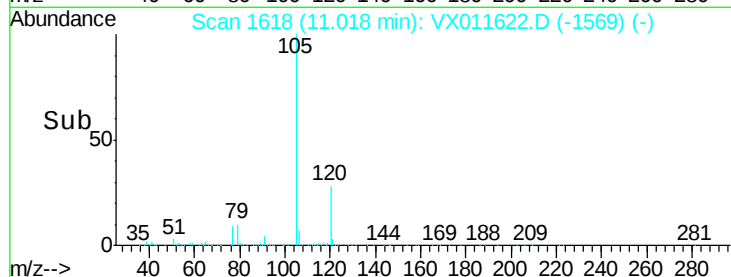
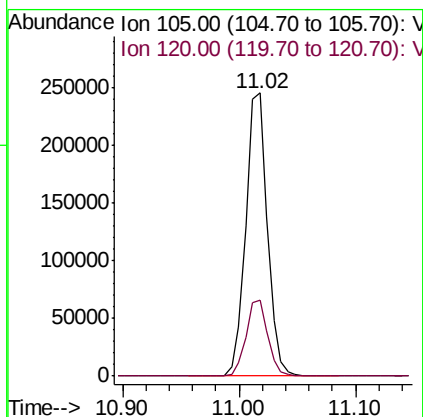
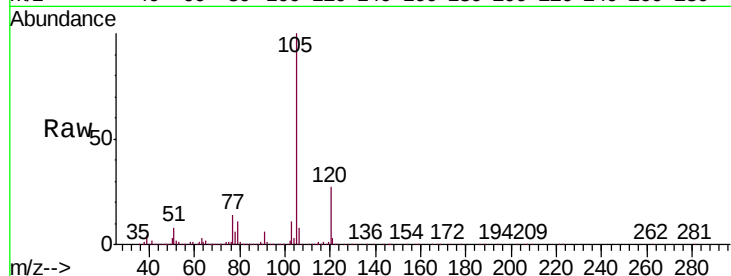
VX0819WBS01

Tgt Ion: 105 Resp: 319820

Ion Ratio Lower Upper

105 100

120 27.2 14.0 41.9



#74

N-ethyl acetate

Concen: 18.148 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011622.D

Acq: 19 Aug 2019 11:24

Tgt Ion: 43 Resp: 119668

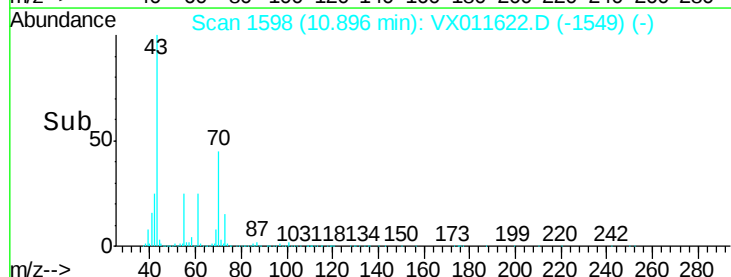
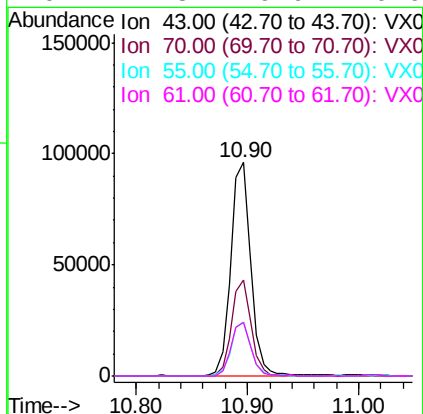
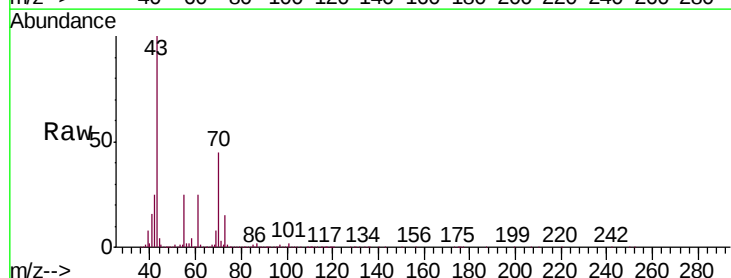
Ion Ratio Lower Upper

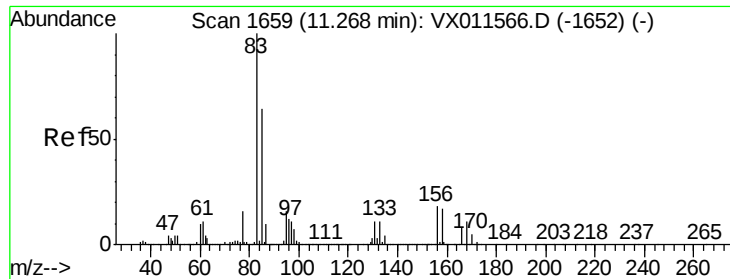
43 100

70 43.6 34.7 52.1

55 24.5 19.6 29.4

61 24.8 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.039 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011622.D

Acq: 19 Aug 2019 11:24

Instrument :

MSVOA_X

ClientSampled :

VX0819WBS01

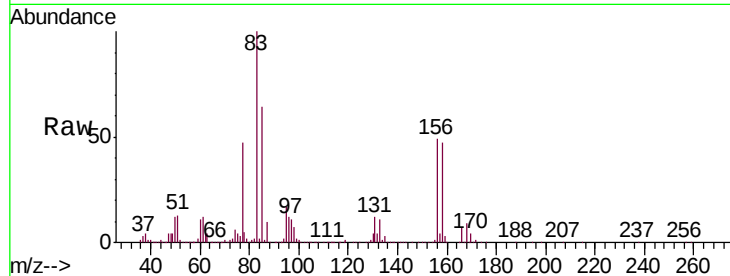
Tgt Ion: 83 Resp: 101621

Ion Ratio Lower Upper

83 100

131 12.0 5.8 17.3

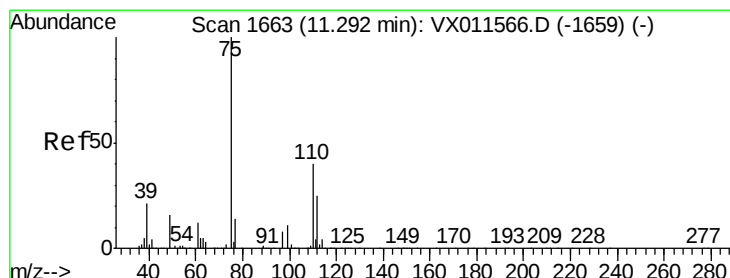
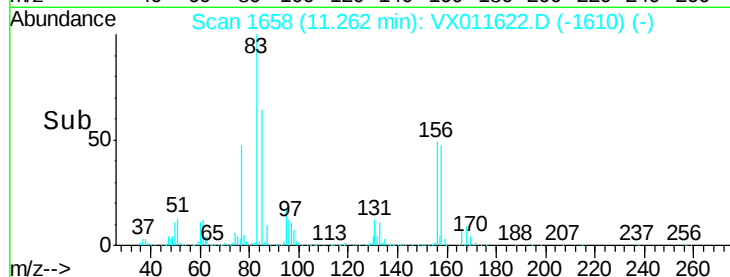
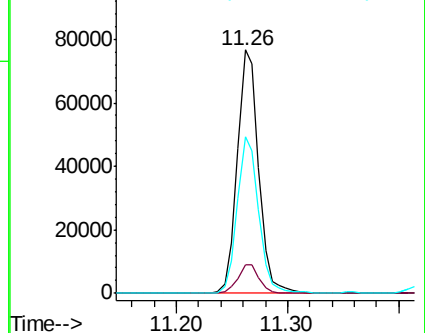
85 65.0 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.338 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011622.D

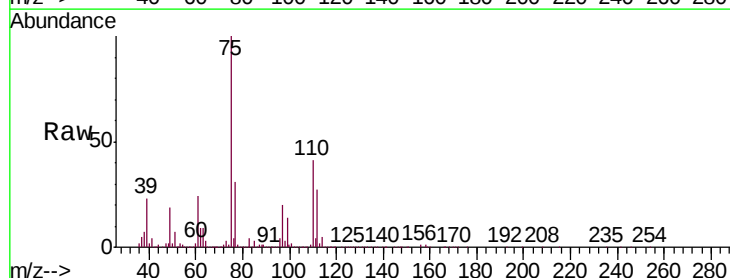
Acq: 19 Aug 2019 11:24

Tgt Ion: 75 Resp: 114888

Ion Ratio Lower Upper

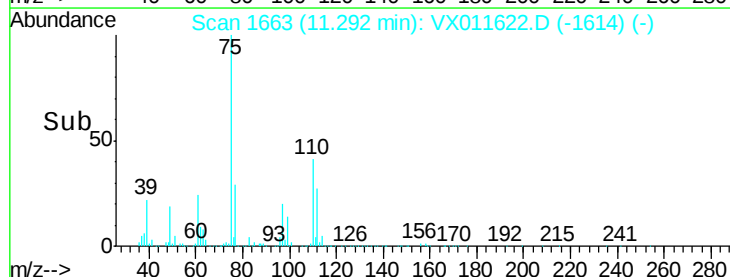
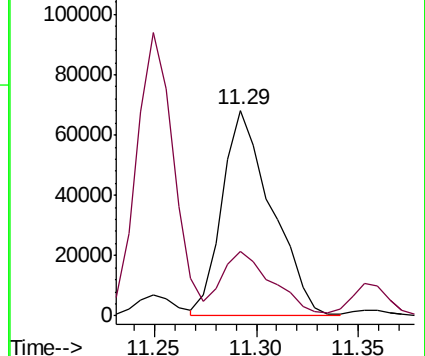
75 100

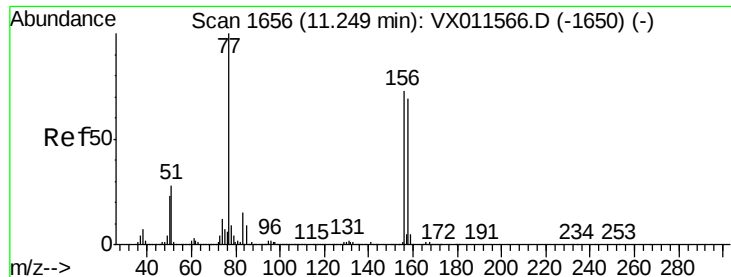
77 31.9 20.9 62.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

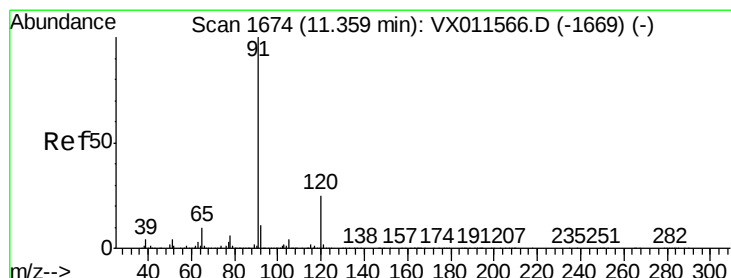
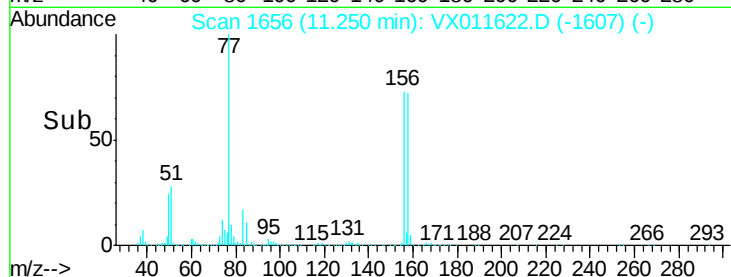
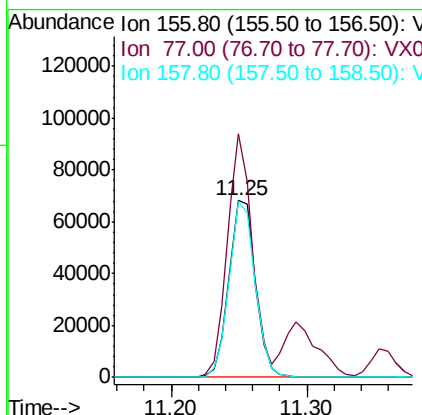
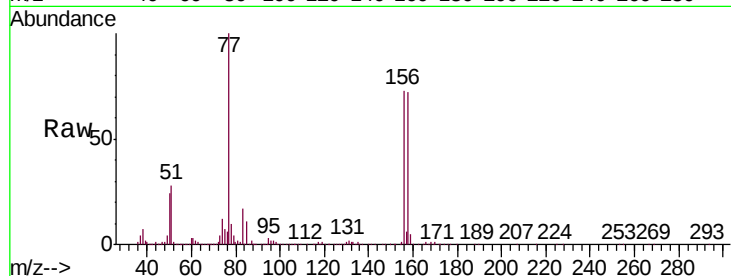




#77
Bromobenzene
Concen: 20.277 ug/l
RT: 11.25 min Scan# 1656
Delta R.T. 0.00 min
Lab File: VX011622.D
Acq: 19 Aug 2019 11:24

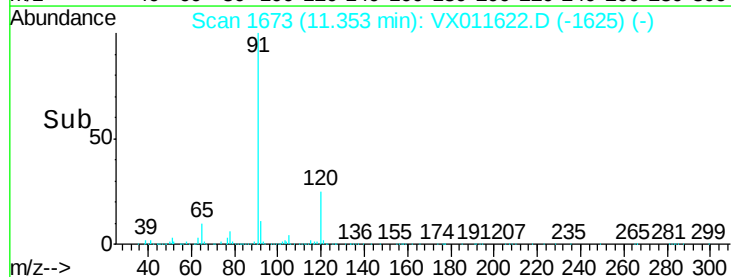
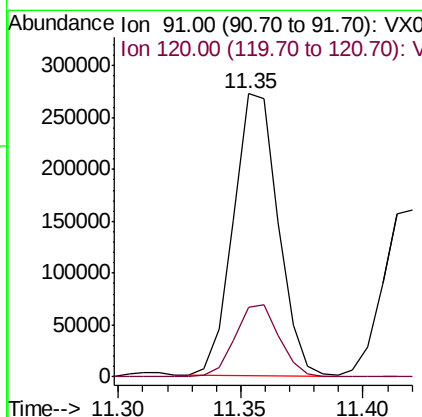
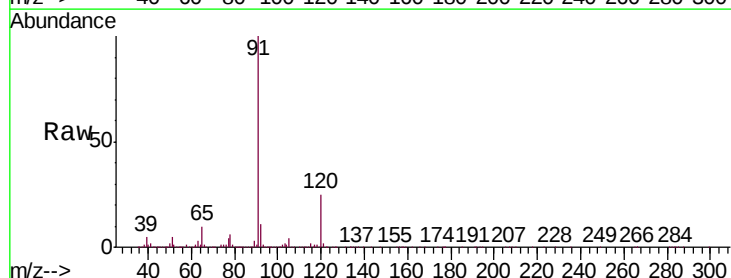
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS01

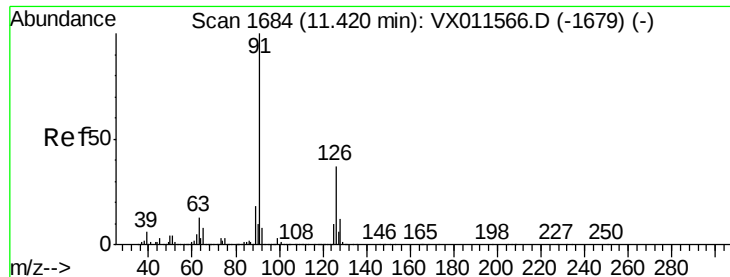
Tgt Ion:156 Resp: 93606
Ion Ratio Lower Upper
156 100
77 126.8 64.6 193.9
158 97.5 48.4 145.3



#78
n-propylbenzene
Concen: 20.754 ug/l
RT: 11.35 min Scan# 1673
Delta R.T. -0.01 min
Lab File: VX011622.D
Acq: 19 Aug 2019 11:24

Tgt Ion: 91 Resp: 347242
Ion Ratio Lower Upper
91 100
120 25.4 12.6 37.6





#79

2-Chlorotoluene

Concen: 20.523 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011622.D

Acq: 19 Aug 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

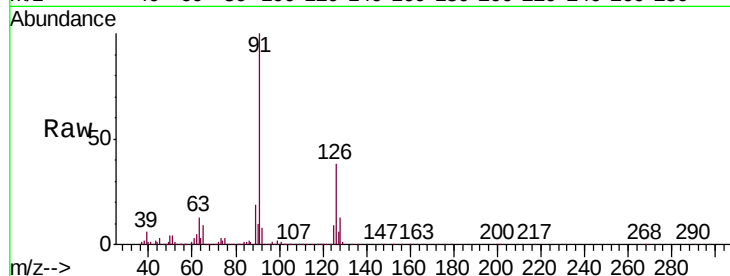
VX0819WBS01

Tgt Ion: 91 Resp: 210851

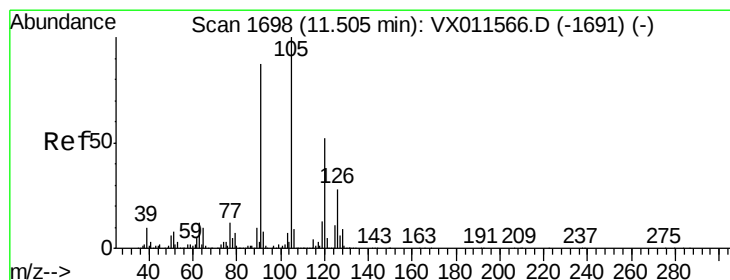
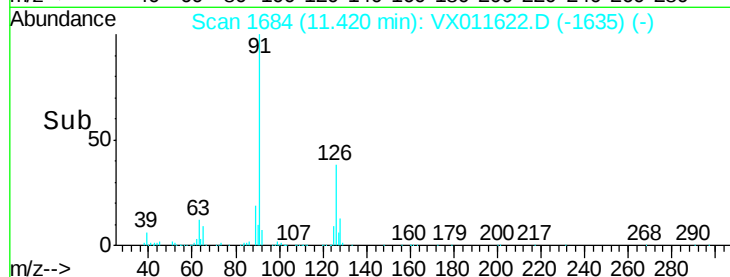
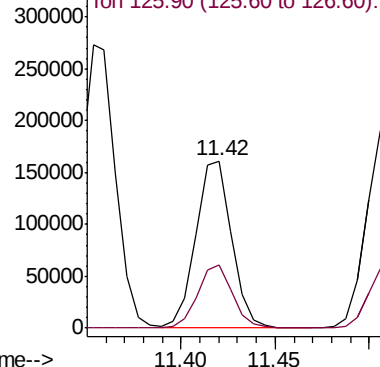
Ion Ratio Lower Upper

91 100

126 37.3 18.4 55.0



Abundance Ion 91.00 (90.70 to 91.70): VX011566.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.355 ug/l

RT: 11.50 min Scan# 1697

Delta R.T. -0.01 min

Lab File: VX011622.D

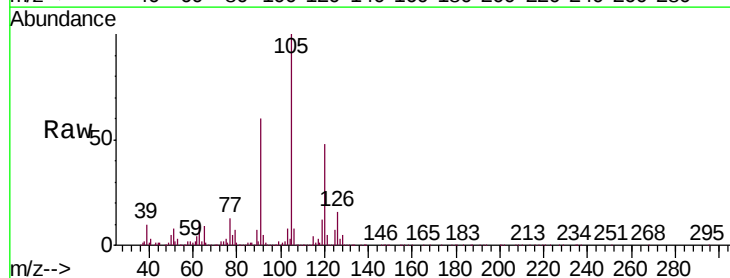
Acq: 19 Aug 2019 11:24

Tgt Ion: 105 Resp: 265308

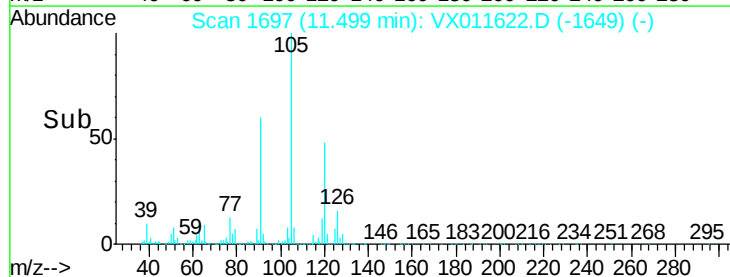
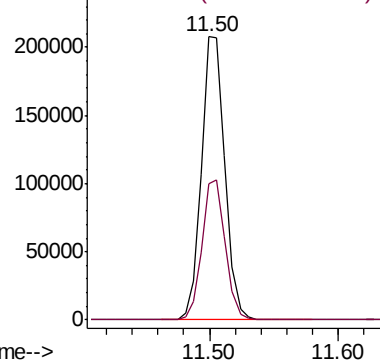
Ion Ratio Lower Upper

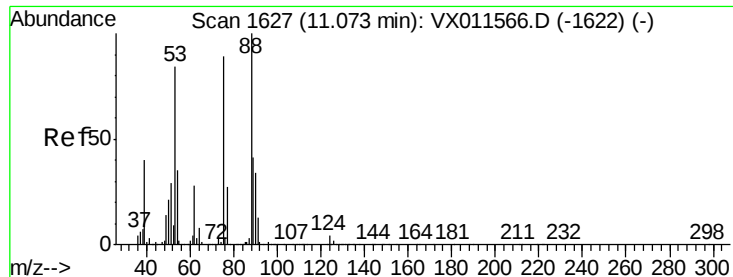
105 100

120 49.1 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VX011566.D (-1691) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.800 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011622.D

Acq: 19 Aug 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBS01

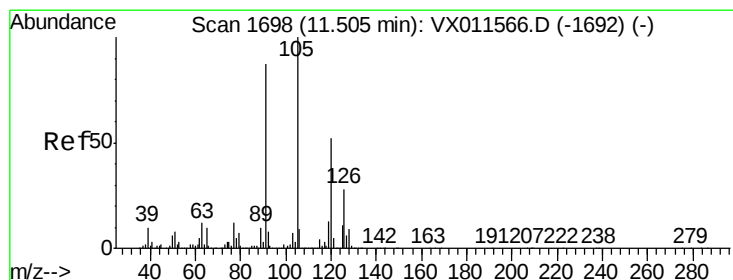
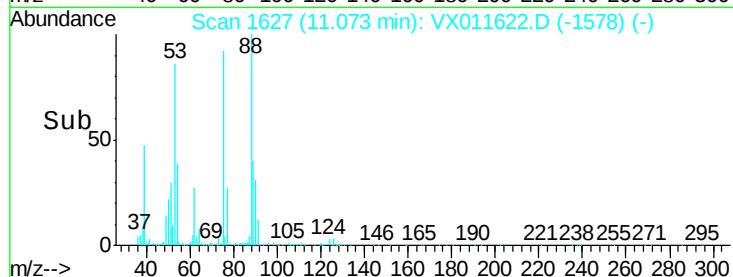
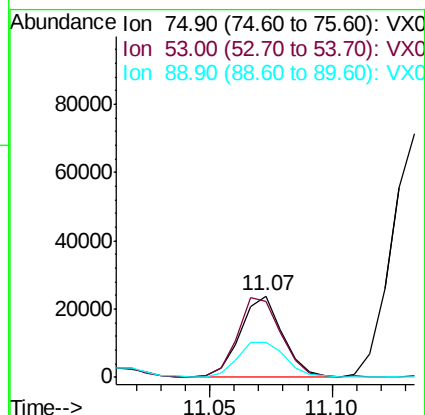
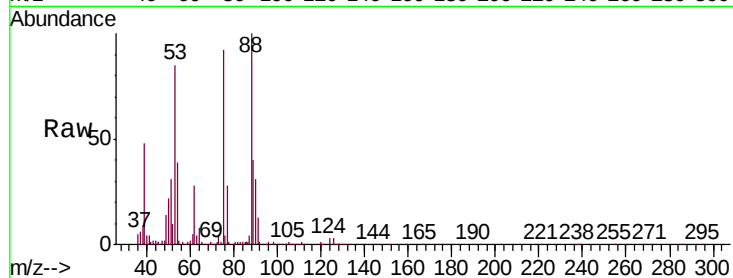
Tgt Ion: 75 Resp: 28159

Ion Ratio Lower Upper

75 100

53 102.6 77.4 116.0

89 51.0 37.3 55.9



#82

4-Chlorotoluene

Concen: 20.054 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011622.D

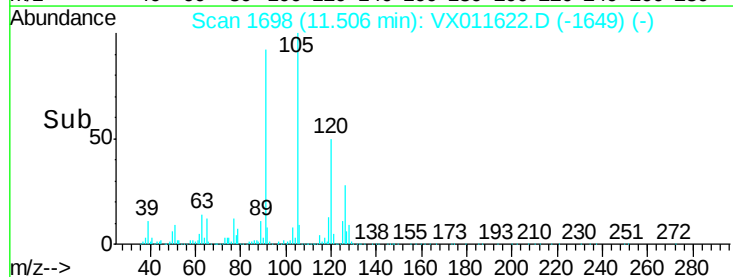
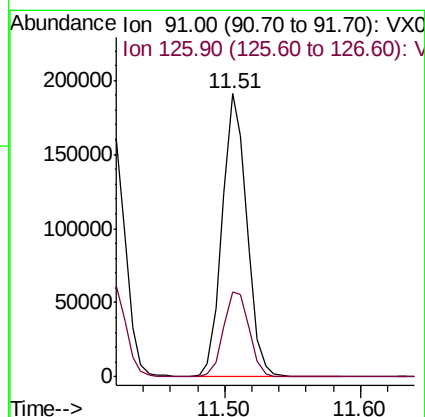
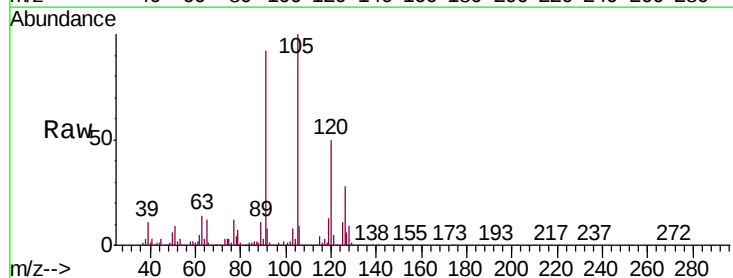
Acq: 19 Aug 2019 11:24

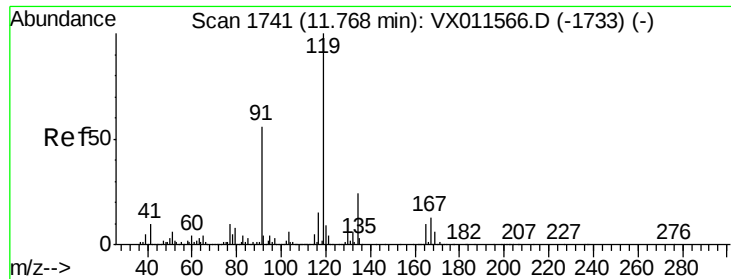
Tgt Ion: 91 Resp: 239028

Ion Ratio Lower Upper

91 100

126 31.1 16.4 49.1





#83

tert-Butylbenzene

Concen: 19.834 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX011622.D

Acq: 19 Aug 2019 11:24

Instrument :

MSVOA_X

ClientSampled :

VX0819WBS01

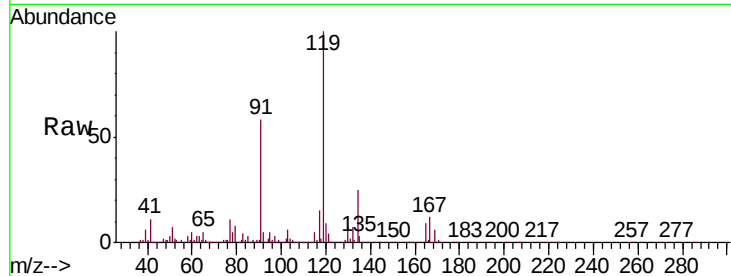
Tgt Ion:119 Resp: 263295

Ion Ratio Lower Upper

119 100

91 55.5 27.1 81.3

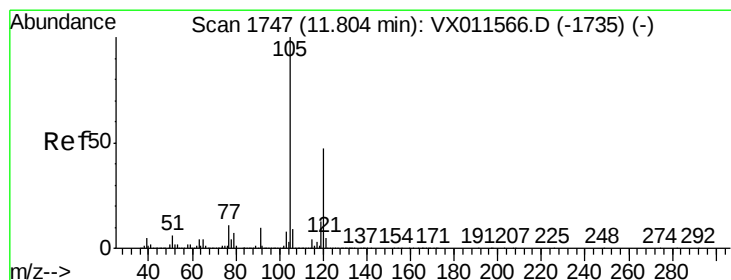
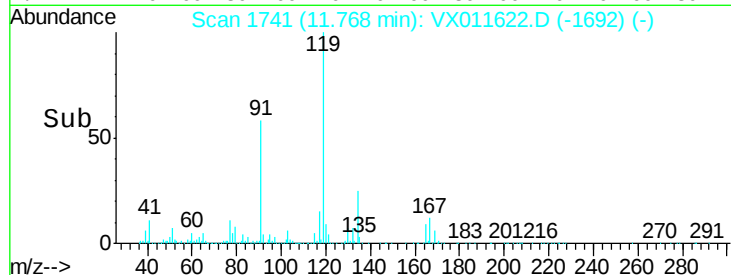
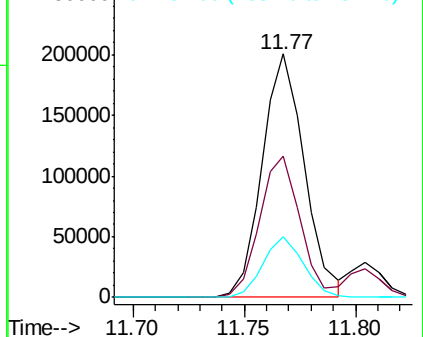
134 24.1 11.8 35.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.832 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX011622.D

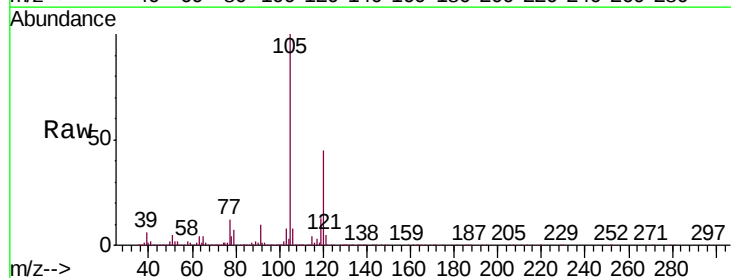
Acq: 19 Aug 2019 11:24

Tgt Ion:105 Resp: 272592

Ion Ratio Lower Upper

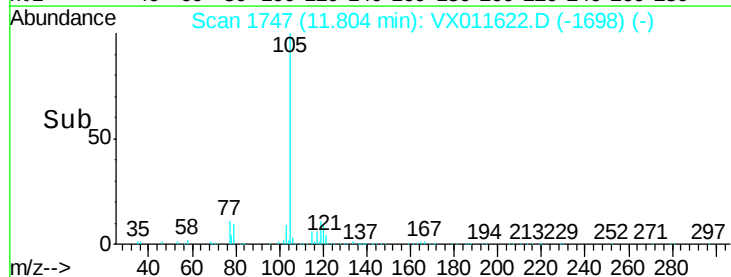
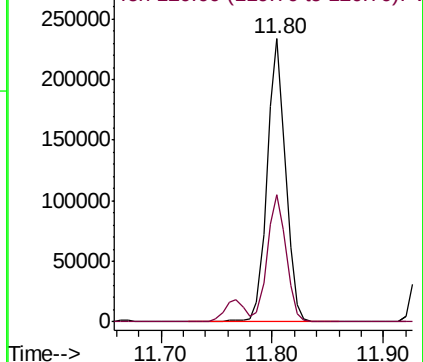
105 100

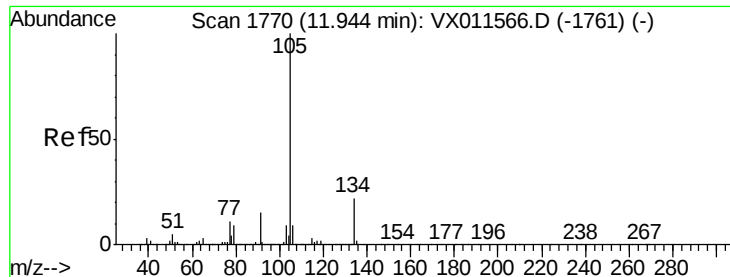
120 45.8 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

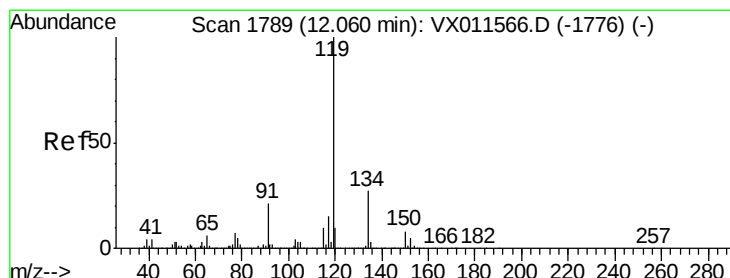
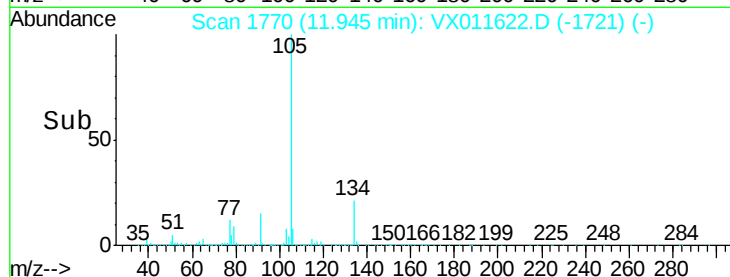
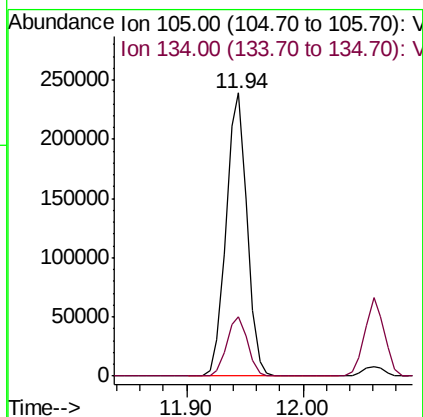
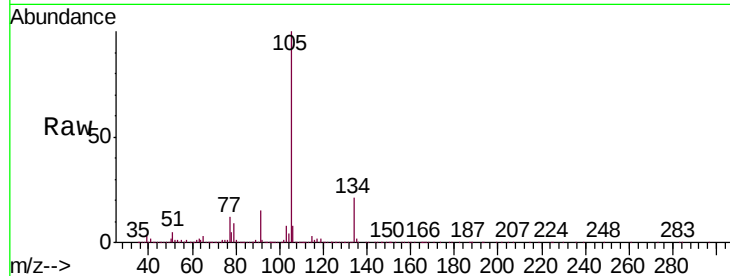




#85
 sec-Butylbenzene
 Concen: 19.782 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX011622.D
 Acq: 19 Aug 2019 11:24

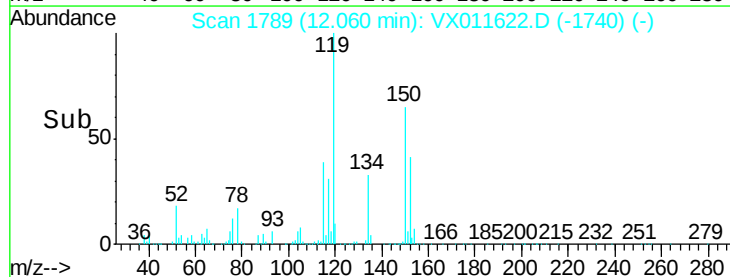
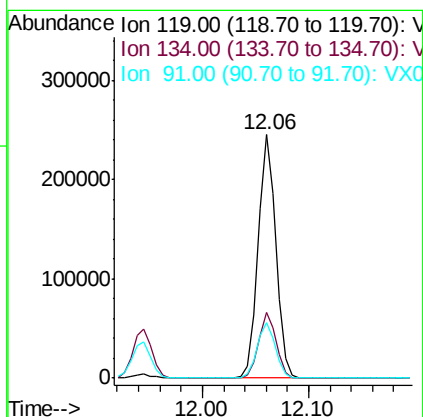
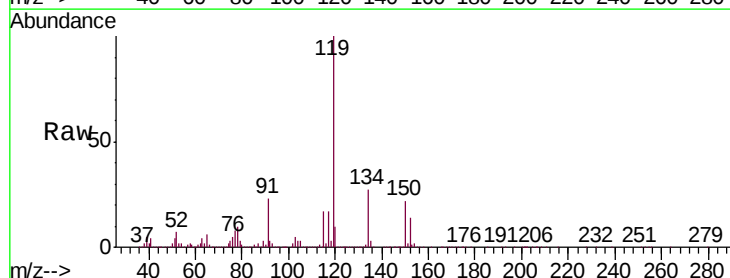
Instrument :
 MSVOA_X
 ClientSampled :
 VX0819WBS01

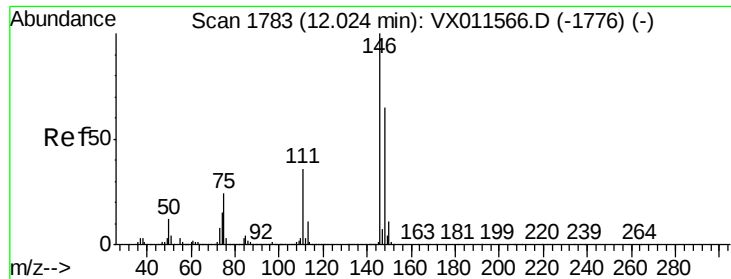
Tgt Ion:105 Resp: 296289
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.8 32.4



#86
 p-Isopropyltoluene
 Concen: 20.363 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX011622.D
 Acq: 19 Aug 2019 11:24

Tgt Ion:119 Resp: 286914
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.6 40.8
 91 23.3 10.9 32.9

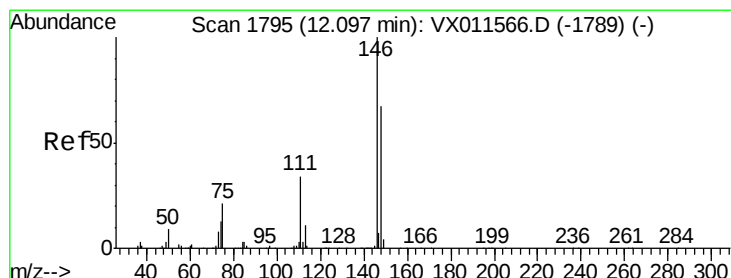
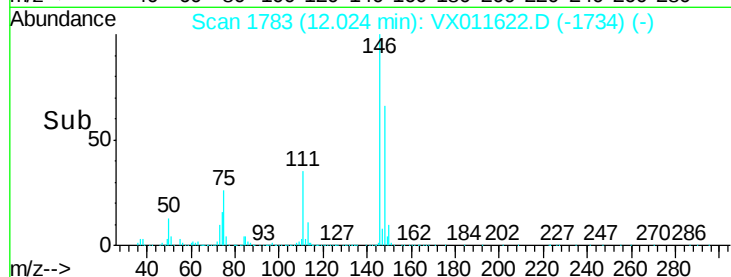
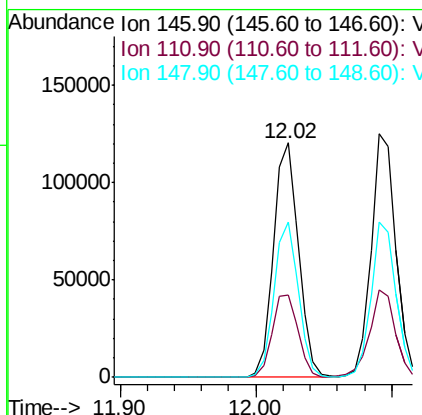
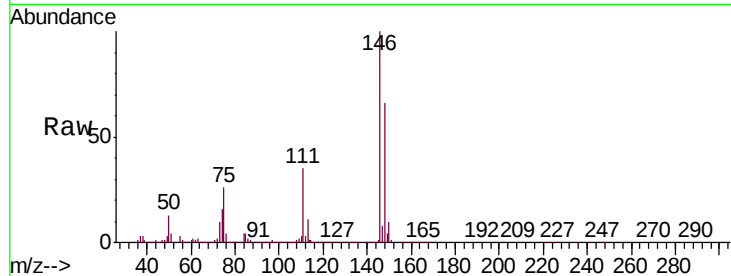




#87
 1,3-Dichlorobenzene
 Concen: 19.433 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011622.D
 Acq: 19 Aug 2019 11:24

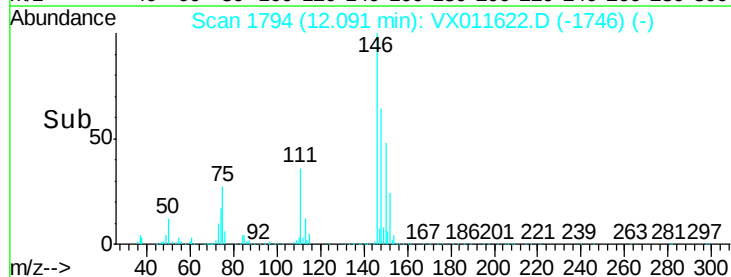
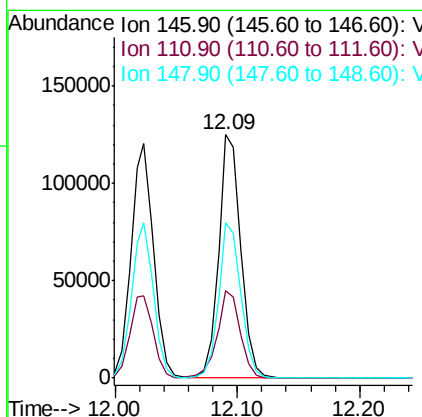
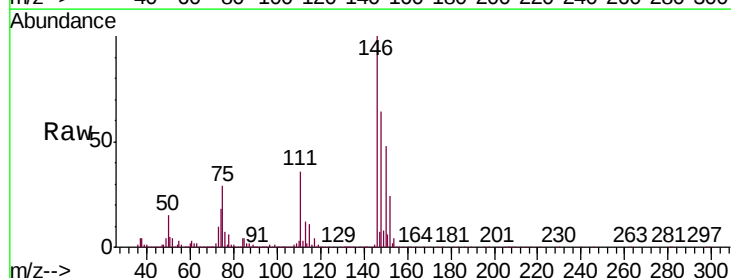
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBS01

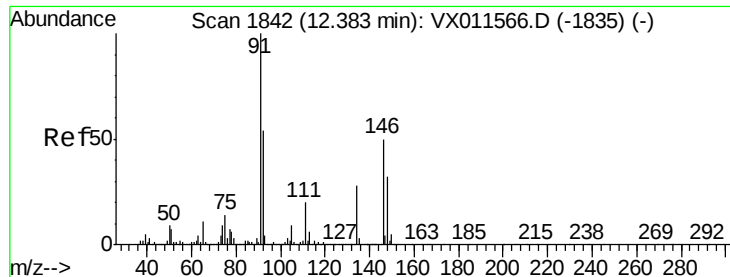
Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.1	54.4
148	64.6	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 19.469 ug/l
 RT: 12.09 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: VX011622.D
 Acq: 19 Aug 2019 11:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	17.9	53.7
148	64.4	32.5	97.5

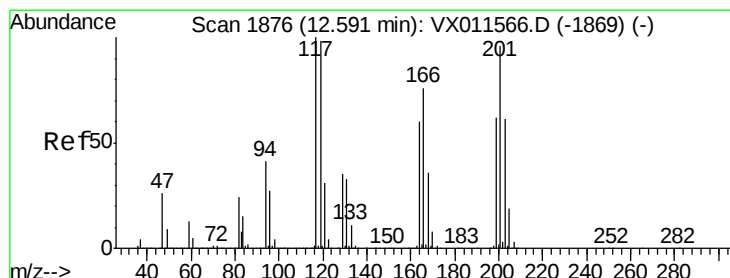
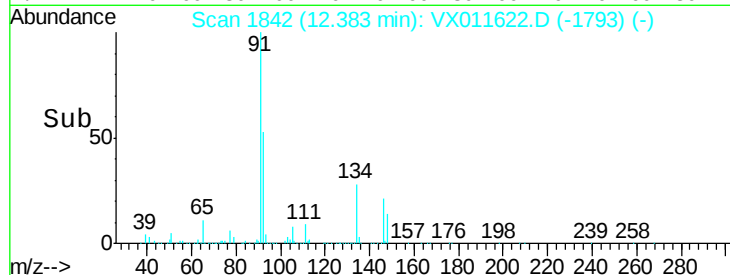
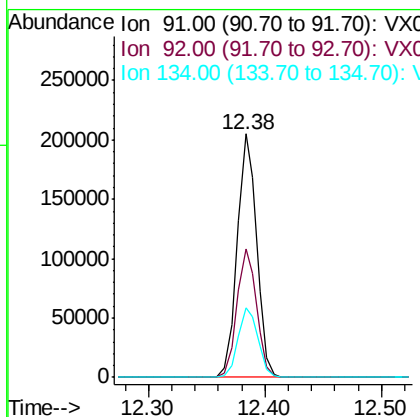
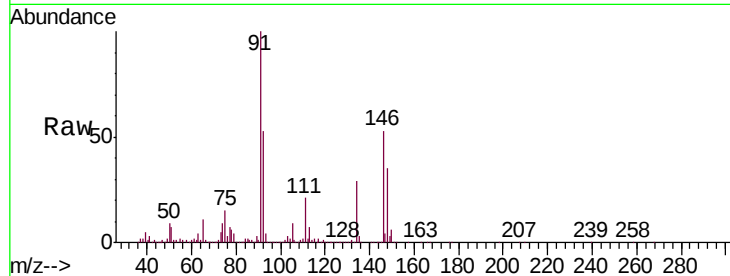




#89
n-Butylbenzene
Concen: 20.638 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011622.D
Acq: 19 Aug 2019 11:24

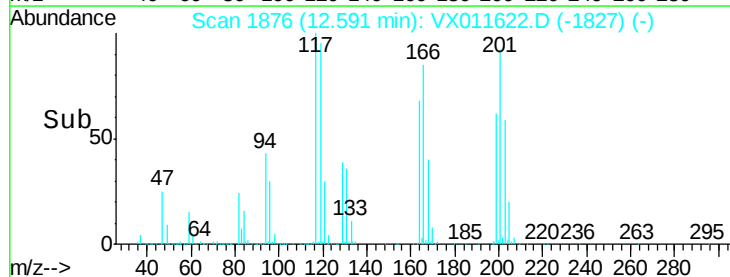
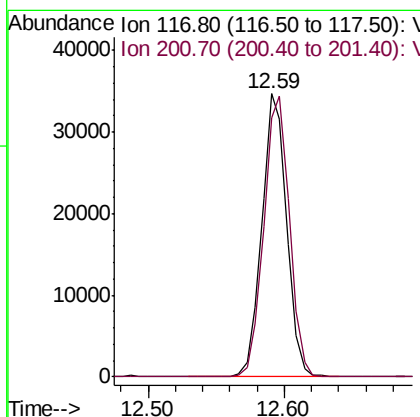
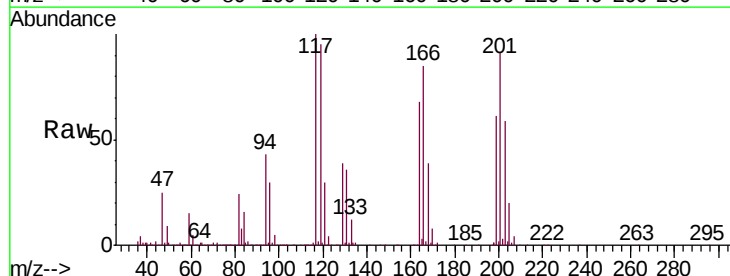
Instrument :
MSVOA_X
ClientSampled :
VX0819WBS01

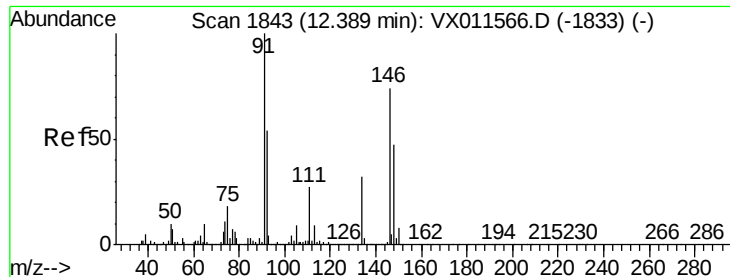
Tgt Ion: 91 Resp: 239069
Ion Ratio Lower Upper
91 100
92 53.4 26.8 80.3
134 29.2 14.6 44.0



#90
Hexachloroethane
Concen: 20.045 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX011622.D
Acq: 19 Aug 2019 11:24

Tgt Ion: 117 Resp: 44601
Ion Ratio Lower Upper
117 100
201 102.2 51.9 155.7





#91

1,2-Dichlorobenzene

Concen: 19.963 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX011622.D

Acq: 19 Aug 2019 11:24

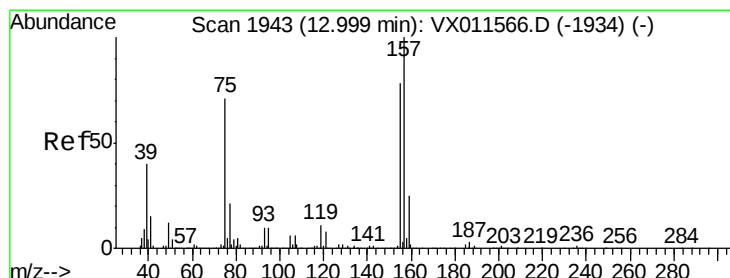
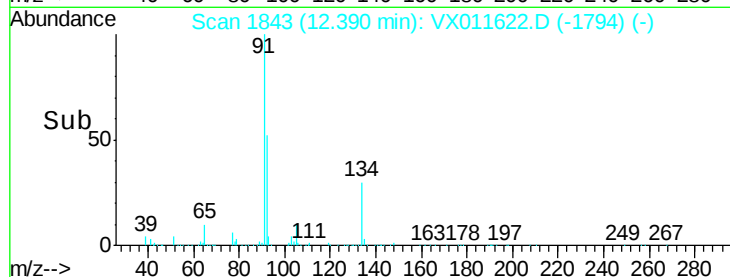
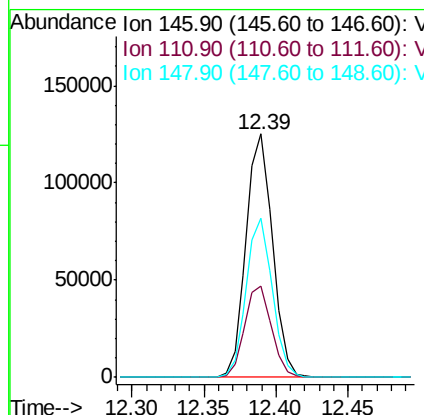
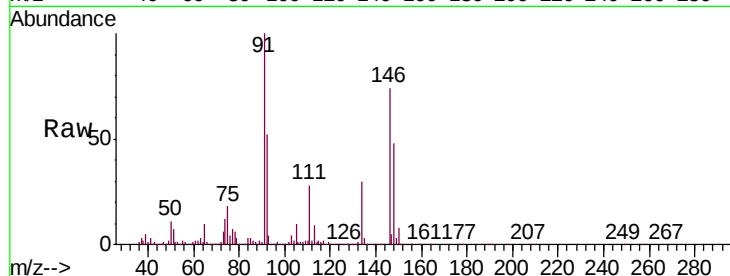
Instrument :

MSVOA_X

ClientSampleId :

VX0819WBS01

Tgt Ion:	146	Resp:	159013
Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.9	56.7
148	64.5	31.9	95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.692 ug/l

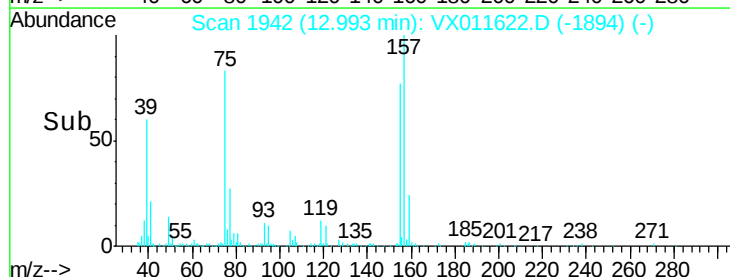
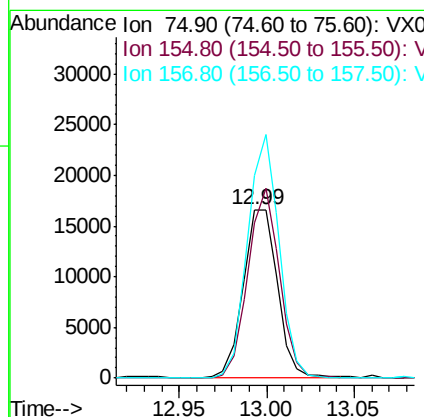
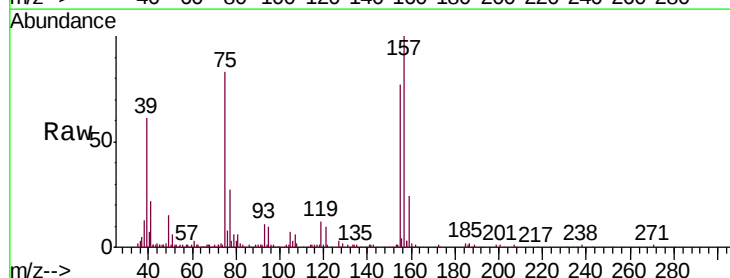
RT: 12.99 min Scan# 1942

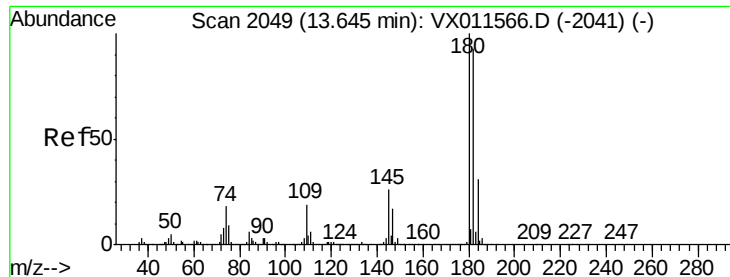
Delta R.T. -0.01 min

Lab File: VX011622.D

Acq: 19 Aug 2019 11:24

Tgt Ion:	75	Resp:	22826
Ion	Ratio	Lower	Upper
75	100		
155	104.2	53.0	159.0
157	133.2	68.3	205.1

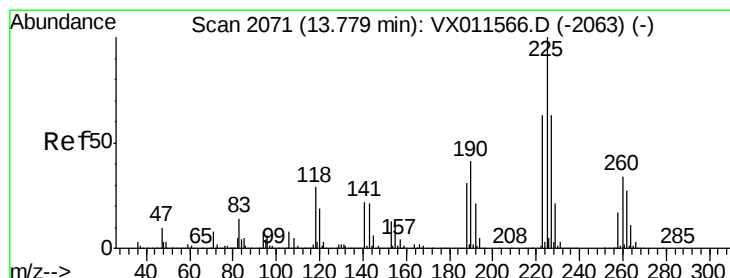
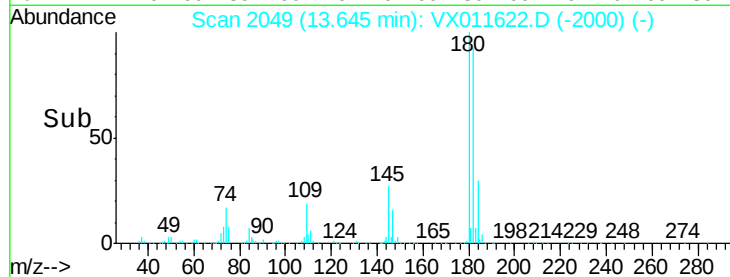
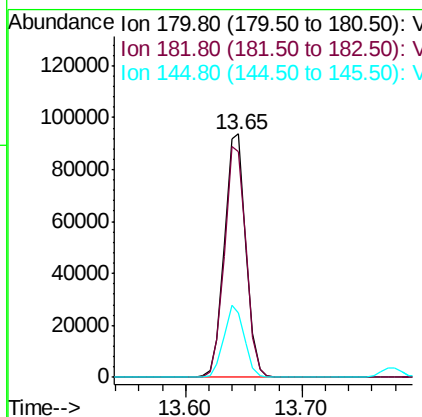
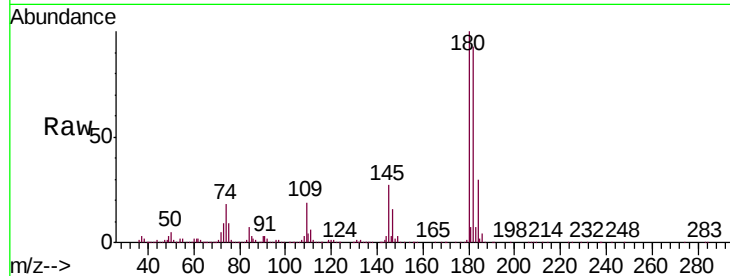




#93
 1,2,4-Trichlorobenzene
 Concen: 20.042 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011622.D
 Acq: 19 Aug 2019 11:24

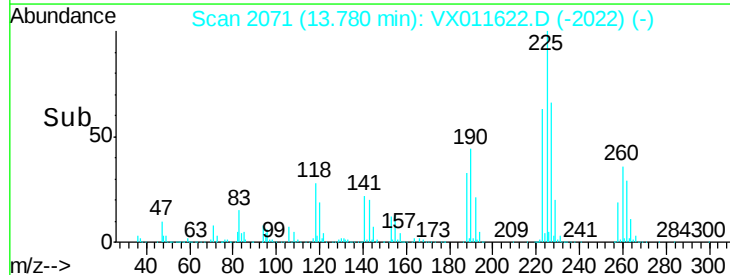
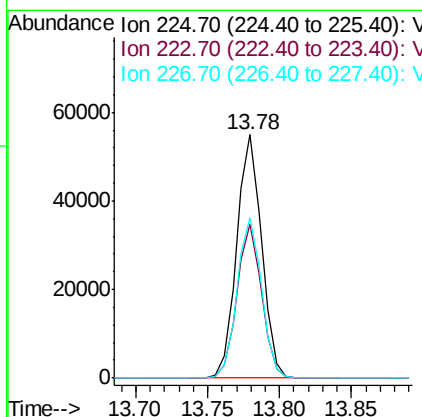
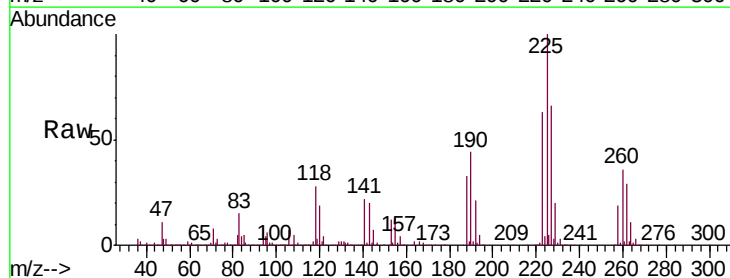
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBS01

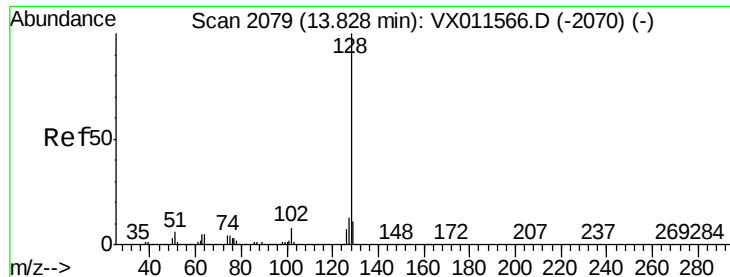
Tgt Ion:180 Resp: 118947
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.3 142.0
 145 28.5 13.6 40.8



#94
 Hexachlorobutadiene
 Concen: 20.467 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011622.D
 Acq: 19 Aug 2019 11:24

Tgt Ion:225 Resp: 66141
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.4 94.0
 227 65.3 31.2 93.6





#95

Naphthalene

Concen: 19.885 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VX011622.D

Acq: 19 Aug 2019 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBS01

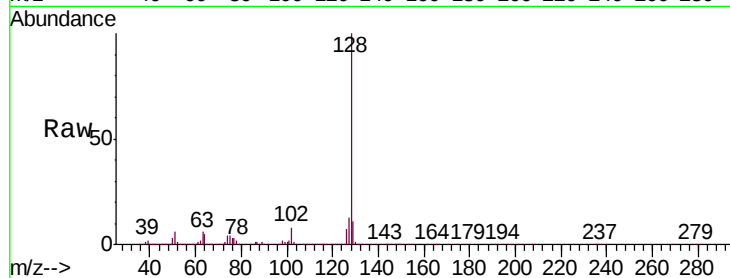
Tgt Ion:128 Resp: 333631

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

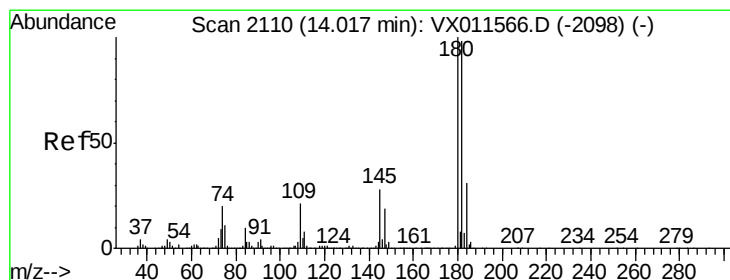
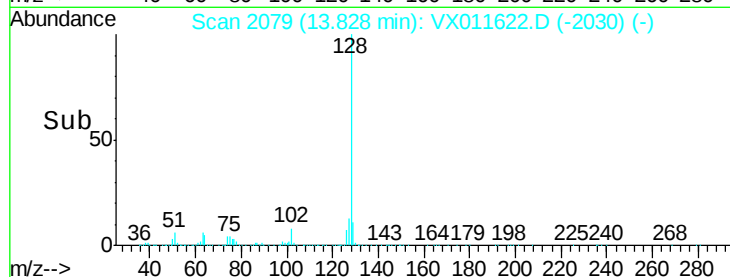
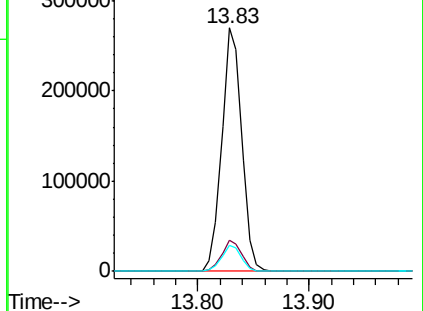
129 10.5 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.389 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX011622.D

Acq: 19 Aug 2019 11:24

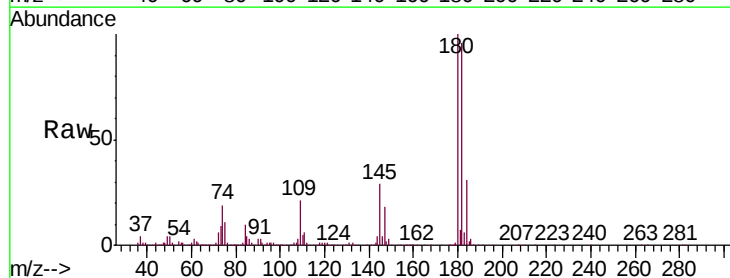
Tgt Ion:180 Resp: 122049

Ion Ratio Lower Upper

180 100

182 95.6 48.0 144.0

145 29.4 14.6 43.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

