

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121719\
 Data File : VX014053.D
 Acq On : 17 Dec 2019 15:44
 Operator : JC/SP
 Sample : VX1217WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBS01

Quant Time: Dec 18 07:34:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	559692	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	844426	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	768433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	371549	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	309279	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
35) Dibromofluoromethane	5.48	113	254731	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
50) Toluene-d8	8.71	98	996967	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
62) 4-Bromofluorobenzene	11.13	95	344754	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	94878	18.948	ug/l	97
3) Chloromethane	1.32	50	130192	19.375	ug/l	97
4) Vinyl Chloride	1.40	62	134465	18.964	ug/l	100
5) Bromomethane	1.63	94	81345	16.164	ug/l	98
6) Chloroethane	1.72	64	84448	19.297	ug/l	95
7) Trichlorofluoromethane	1.92	101	167866	19.125	ug/l	99
8) Diethyl Ether	2.18	74	75599	18.352	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	100298	18.956	ug/l	97
10) Methyl Iodide	2.50	142	115721	18.336	ug/l	98
11) Tert butyl alcohol	3.03	59	126754	92.477	ug/l	98
12) 1,1-Dichloroethene	2.36	96	100780	18.719	ug/l	99
13) Acrolein	2.28	56	95215	121.354	ug/l	97
14) Allyl chloride	2.72	41	183705	19.110	ug/l	99
15) Acrylonitrile	3.13	53	308044	96.288	ug/l	100
16) Acetone	2.43	43	351164	85.272	ug/l	100
17) Carbon Disulfide	2.56	76	271431	18.638	ug/l	99
18) Methyl Acetate	2.76	43	153692	18.834	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	337052	19.052	ug/l	98
20) Methylene Chloride	2.84	84	118830	18.324	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	108437	18.282	ug/l	98
22) Diisopropyl ether	3.84	45	370760	19.355	ug/l	97
23) Vinyl Acetate	3.80	43	1568539	100.340	ug/l	99
24) 1,1-Dichloroethane	3.69	63	198534	18.629	ug/l	99
25) 2-Butanone	4.65	43	464917	91.569	ug/l	98
26) 2,2-Dichloropropane	4.57	77	153476	18.548	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	124819	18.607	ug/l	99
28) Bromochloromethane	5.00	49	85387	21.097	ug/l	99
29) Tetrahydrofuran	5.11	42	275717	97.089	ug/l	99
30) Chloroform	5.20	83	192764	19.080	ug/l	99
31) Cyclohexane	5.57	56	183493	19.358	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	161779	18.788	ug/l	99
36) 1,1-Dichloropropene	5.79	75	147178	18.995	ug/l	99
37) Ethyl Acetate	4.82	43	169032	19.756	ug/l	96
38) Carbon Tetrachloride	5.78	117	134353	19.034	ug/l	98

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBS01

Quant Time: Dec 18 07:34:47 2019
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 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	187427	19.591	ug/l	98
40) Benzene	6.13	78	452926	18.999	ug/l	99
41) Methacrylonitrile	5.03	41	93195	19.631	ug/l	97
42) 1,2-Dichloroethane	6.18	62	158835	19.655	ug/l	100
43) Isopropyl Acetate	6.43	43	270181	19.081	ug/l	99
44) Trichloroethene	7.20	130	123253	18.718	ug/l	96
45) 1,2-Dichloropropane	7.50	63	119829	19.611	ug/l	91
46) Dibromomethane	7.65	93	74792	18.513	ug/l	99
47) Bromodichloromethane	7.89	83	145162	19.079	ug/l	99
48) Methyl methacrylate	7.76	41	131804	19.009	ug/l	98
49) 1,4-Dioxane	7.73	88	56405	399.745	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	854359	96.075	ug/l	99
52) Toluene	8.78	92	282719	18.762	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	156291	18.734	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	178637	19.220	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	116460	19.284	ug/l	97
56) Ethyl methacrylate	9.17	69	177958	18.759	ug/l	99
57) 1,3-Dichloropropane	9.37	76	196098	19.299	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	359969	100.267	ug/l	99
59) 2-Hexanone	9.48	43	663421	92.675	ug/l	100
60) Dibromochloromethane	9.57	129	114158	19.016	ug/l	98
61) 1,2-Dibromoethane	9.67	107	120325	19.473	ug/l	98
64) Tetrachloroethene	9.33	164	122206	17.972	ug/l	98
65) Chlorobenzene	10.14	112	304295	18.624	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	108879	18.663	ug/l	99
67) Ethyl Benzene	10.24	91	528876	18.828	ug/l	100
68) m/p-Xylenes	10.35	106	404174	37.410	ug/l	100
69) o-Xylene	10.70	106	199086	18.789	ug/l	98
70) Styrene	10.71	104	324321	18.101	ug/l	98
71) Bromoform	10.85	173	82332	17.557	ug/l #	97
73) Isopropylbenzene	11.01	105	516507	19.744	ug/l	99
74) N-amyl acetate	10.89	43	223566	18.232	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	174466	19.237	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	140553m	17.425	ug/l	
77) Bromobenzene	11.25	156	135388	18.810	ug/l	98
78) n-propylbenzene	11.35	91	580474	19.782	ug/l	100
79) 2-Chlorotoluene	11.42	91	346465	19.424	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	431069	19.580	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	52830	18.486	ug/l	92
82) 4-Chlorotoluene	11.51	91	397323	19.204	ug/l	99
83) tert-Butylbenzene	11.76	119	419600	19.584	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	430475	19.524	ug/l	100
85) sec-Butylbenzene	11.94	105	498267	19.700	ug/l	100
86) p-Isopropyltoluene	12.06	119	459512	19.861	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	232666	18.444	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	232582	18.133	ug/l	99
89) n-Butylbenzene	12.38	91	378828	19.189	ug/l	99
90) Hexachloroethane	12.59	117	77030	18.536	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	231809	18.255	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	34871	17.375	ug/l	99

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

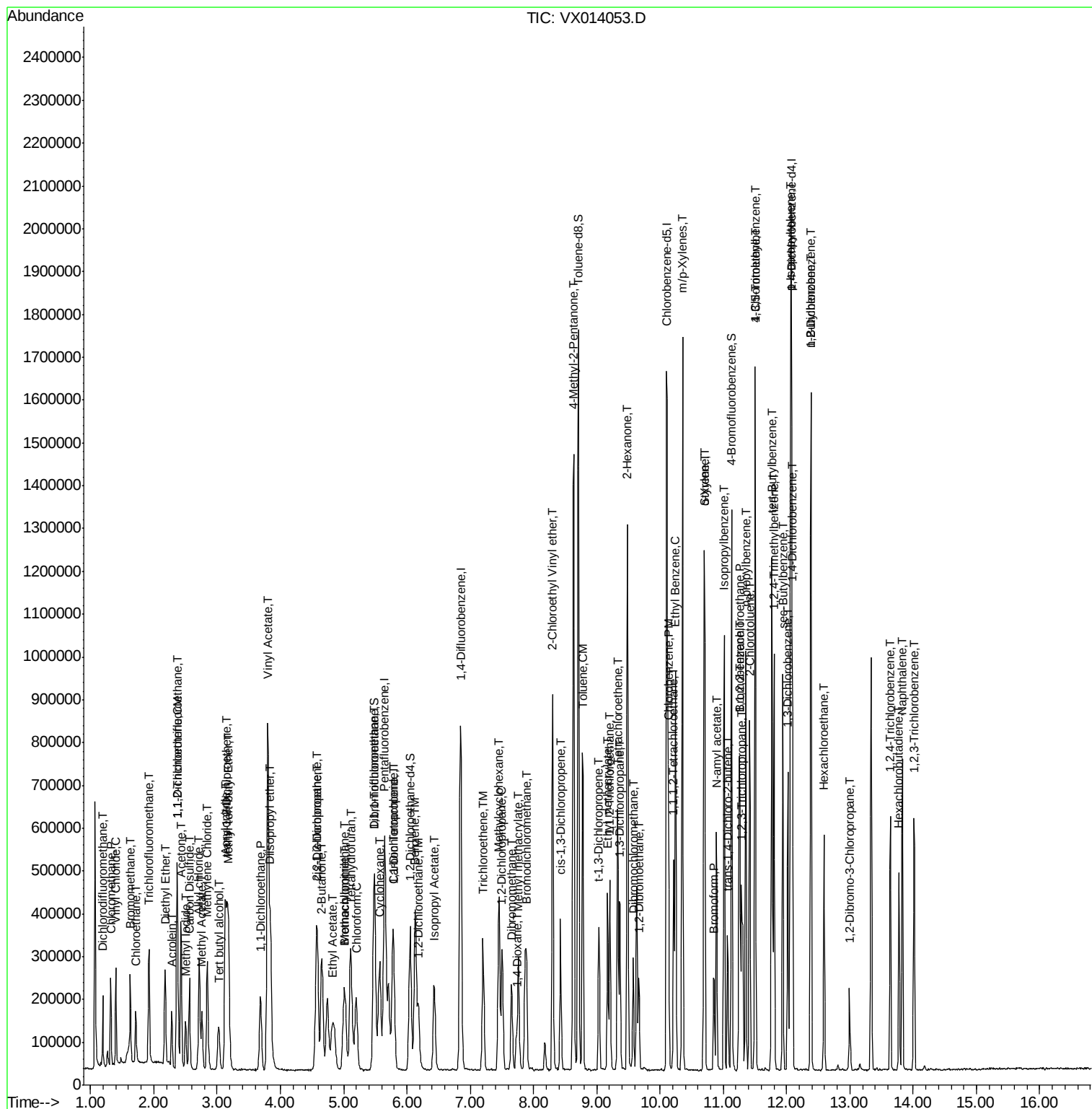
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS01

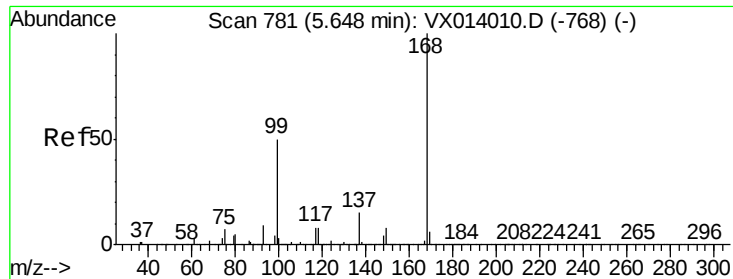
Quant Time: Dec 18 07:34:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	146143	17.707	ug/l	97
94) Hexachlorobutadiene	13.78	225	72231	18.210	ug/l	97
95) Naphthalene	13.83	128	439033	18.105	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	148374	18.211	ug/l	98

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

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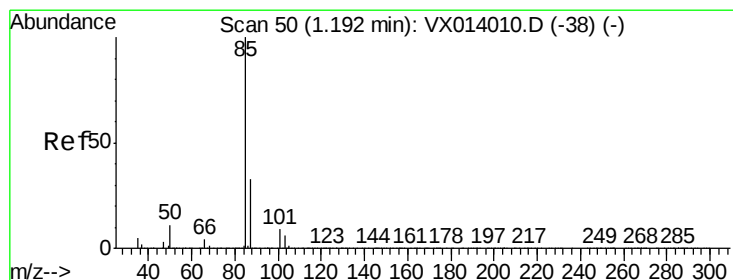
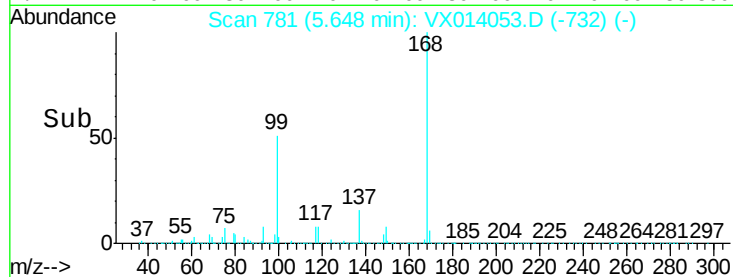
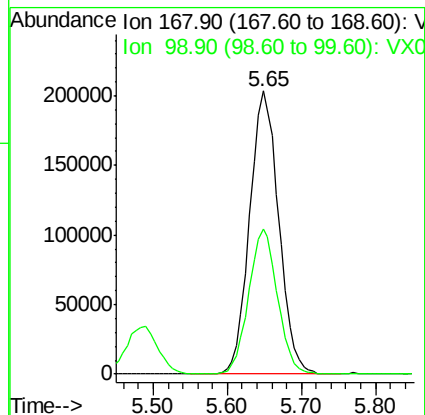
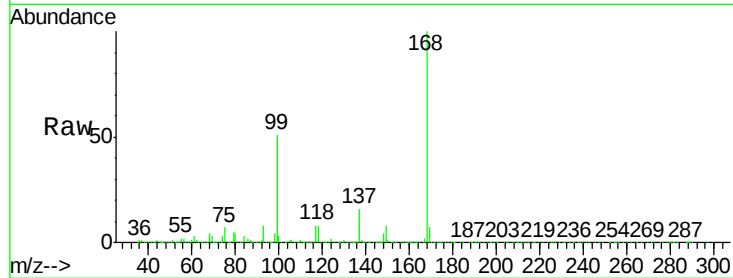


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: VX014053.D
 Acq: 17 Dec 2019 15:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBS01

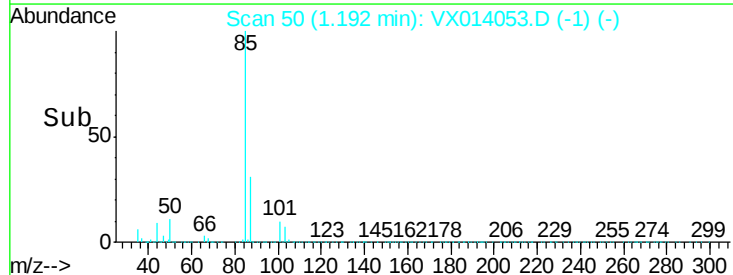
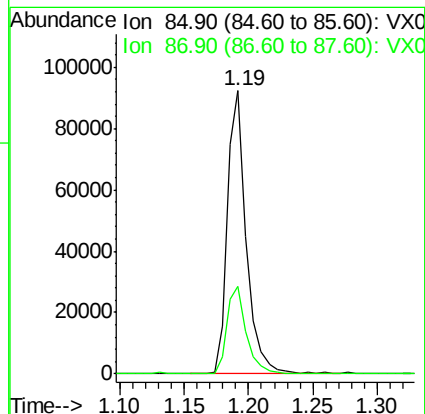
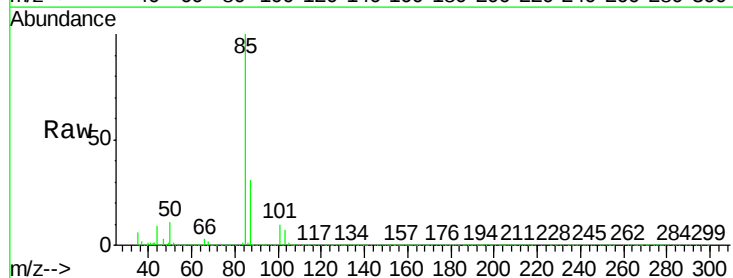
Tot Ion:168 Resp: 559692
 Ion Ratio Lower Upper
 168 100
 99 51.2 40.3 60.5

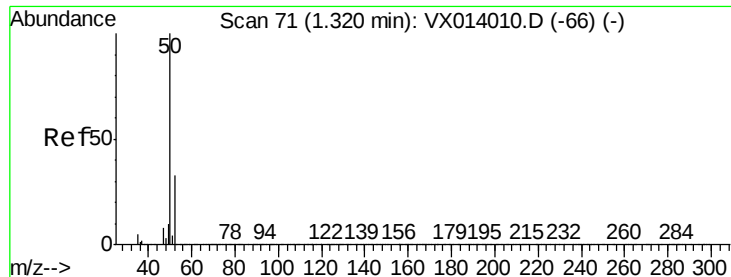


#2

Dichlorodifluoromethane
 Concen: 18.948 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. -0.00 min
 Lab File: VX014053.D
 Acq: 17 Dec 2019 15:44

Tgt Ion: 85 Resp: 94878
 Ion Ratio Lower Upper
 85 100
 87 30.9 16.4 49.2

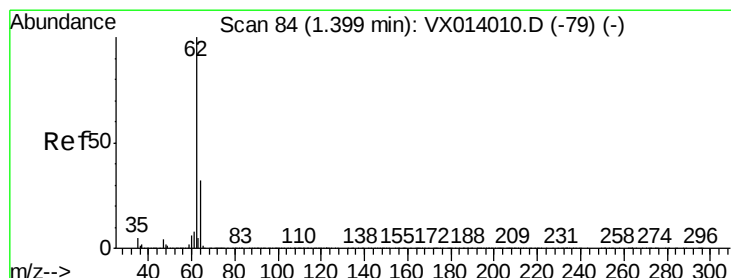
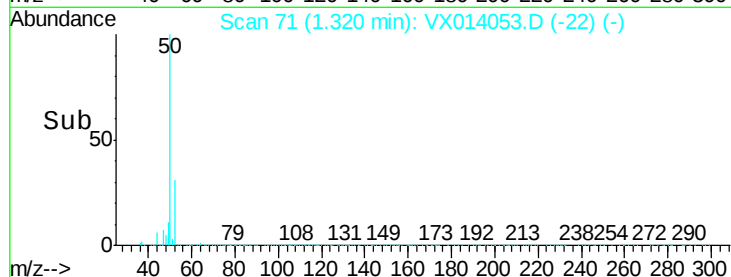
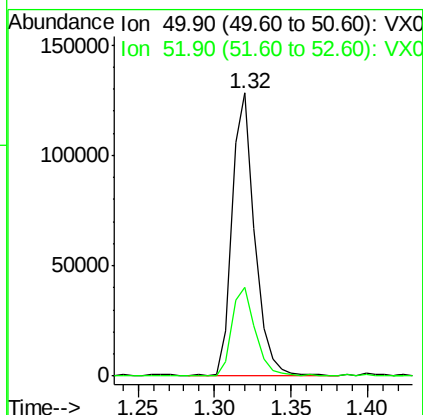
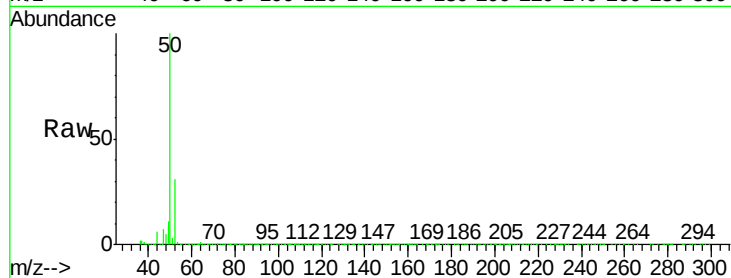




#3
Chloromethane
Concen: 19.375 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX014053.D
Acq: 17 Dec 2019 15:44

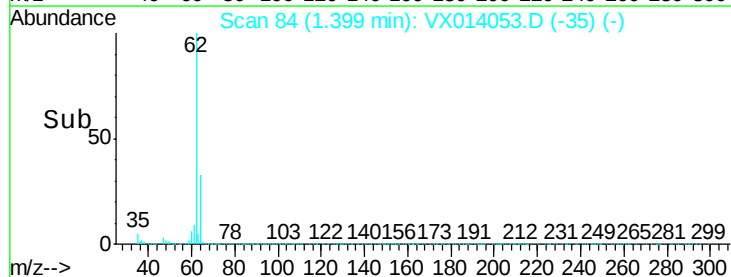
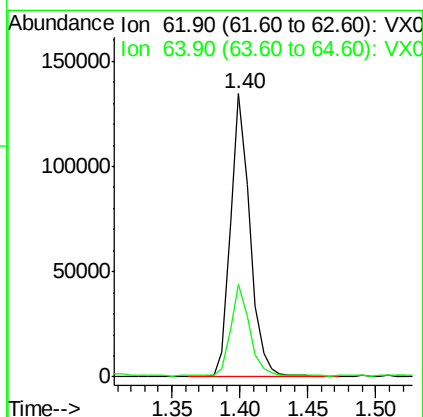
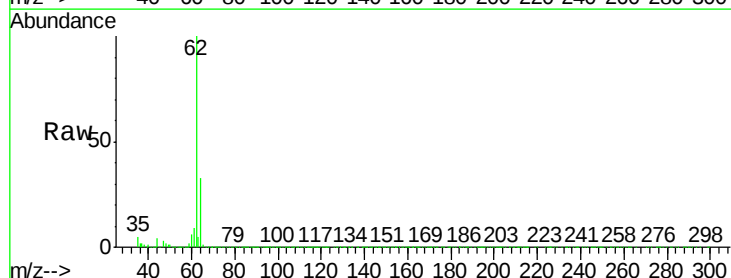
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS01

Tot Ion: 50 Resp: 130192
Ion Ratio Lower Upper
50 100
52 31.1 26.2 39.4



#4
Vinyl Chloride
Concen: 18.964 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX014053.D
Acq: 17 Dec 2019 15:44

Tgt Ion: 62 Resp: 134465
Ion Ratio Lower Upper
62 100
64 32.1 25.7 38.5





#5

Bromomethane

Concen: 16.164 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX014053.D

Acq: 17 Dec 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

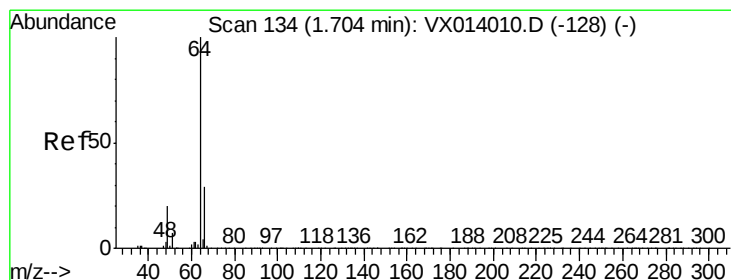
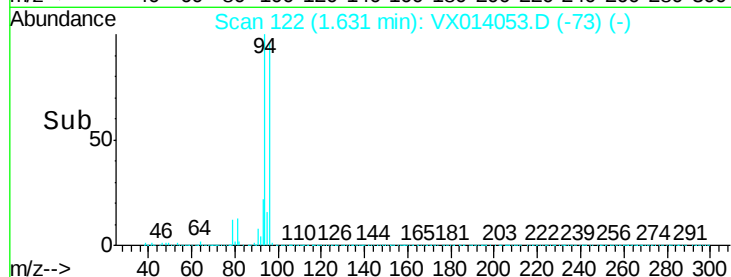
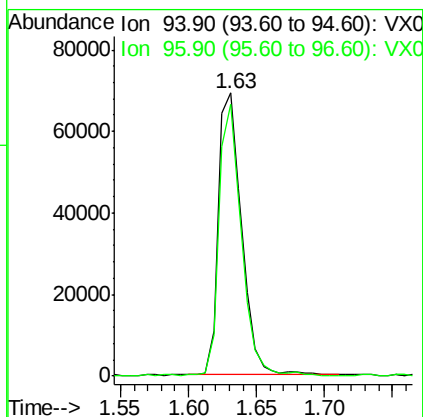
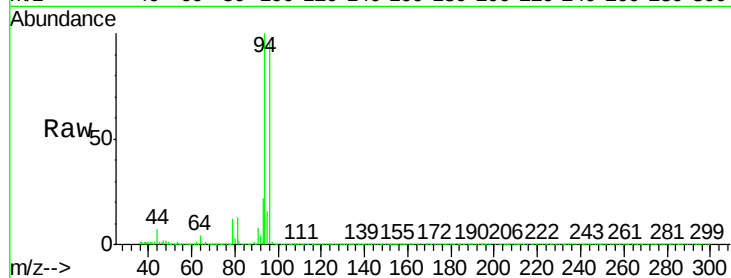
VX1217WBS01

Tot Ion: 94 Resp: 81345

Ion Ratio Lower Upper

94 100

96 96.1 75.2 112.8



#6

Chloroethane

Concen: 19.297 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014053.D

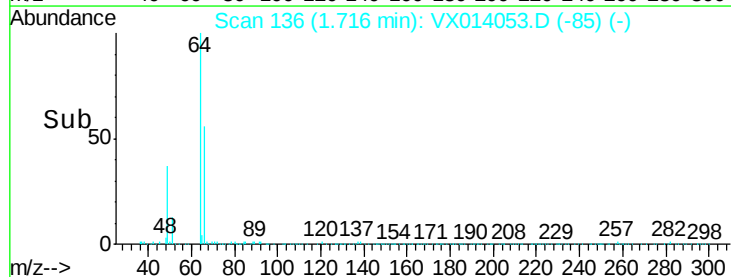
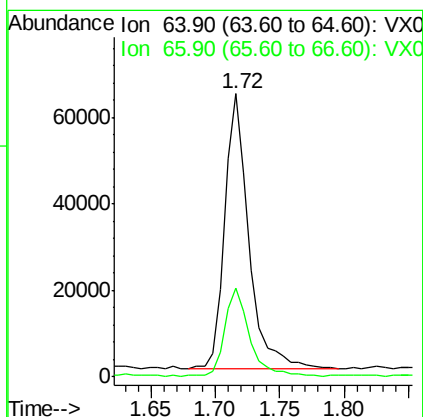
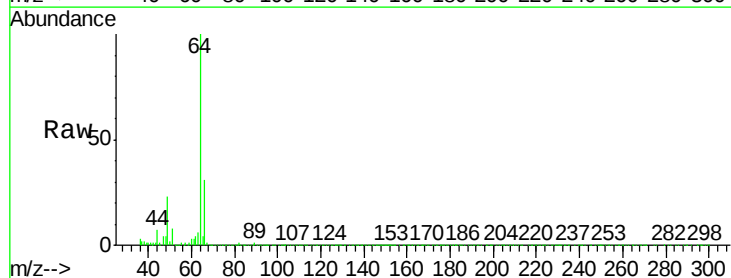
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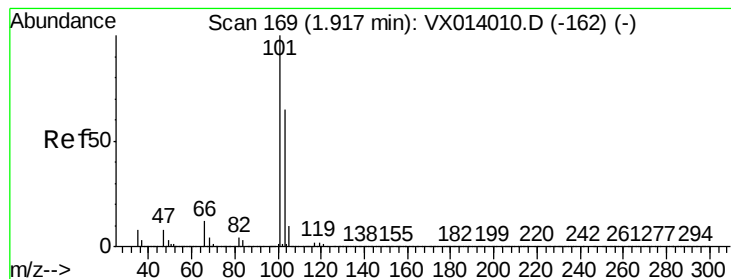
Tgt Ion: 64 Resp: 84448

Ion Ratio Lower Upper

64 100

66 31.8 23.4 35.2



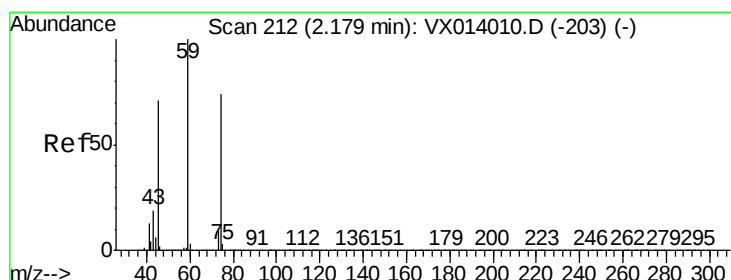
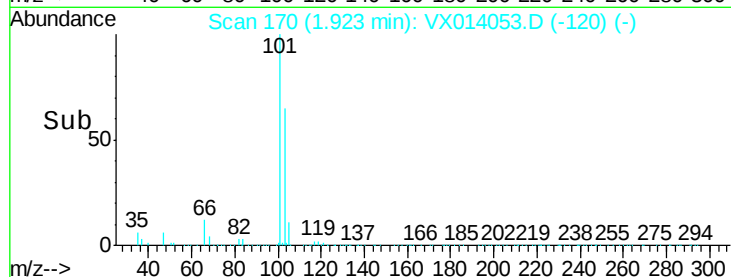
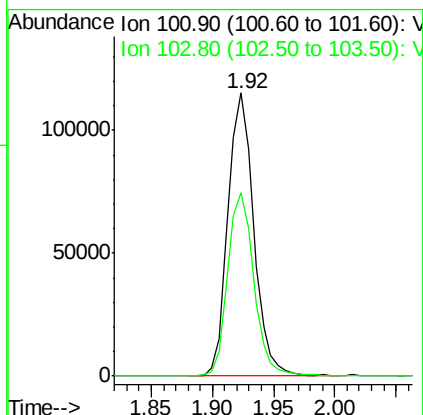
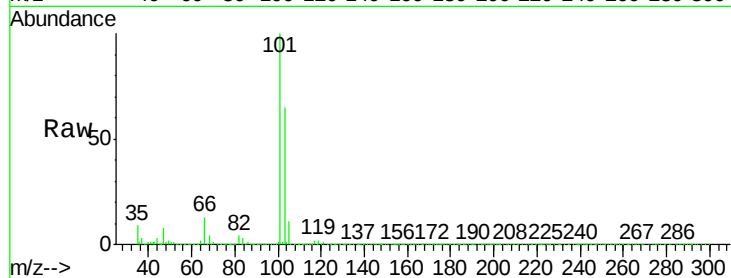


#7

Trichlorofluoromethane
Concen: 19.125 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014053.D
Acq: 17 Dec 2019 15:44

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS01

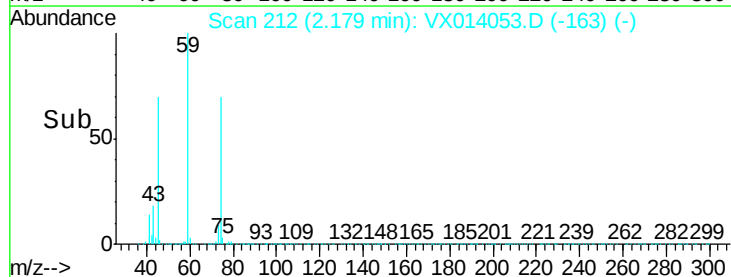
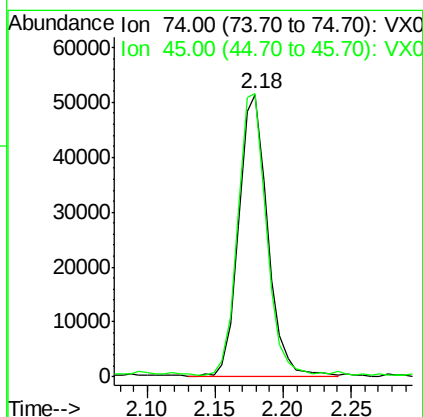
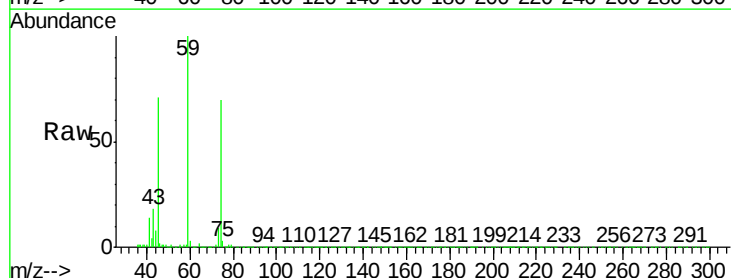
Tot Ion:101 Resp: 167866
Ion Ratio Lower Upper
101 100
103 64.8 52.2 78.4



#8

Diethyl Ether
Concen: 18.352 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014053.D
Acq: 17 Dec 2019 15:44

Tgt Ion: 74 Resp: 75599
Ion Ratio Lower Upper
74 100
45 99.0 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.956 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014053.D

Acq: 17 Dec 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS01

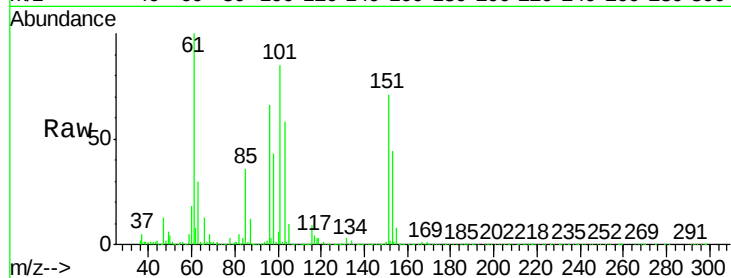
Tot Ion:101 Resp: 100298

Ion Ratio Lower Upper

101 100

85 41.5 33.7 50.5

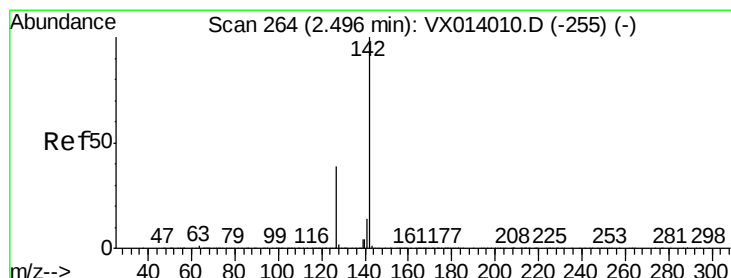
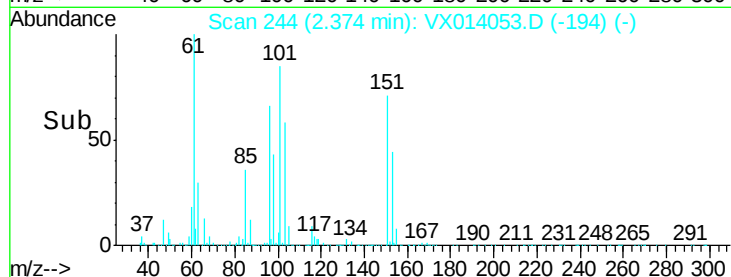
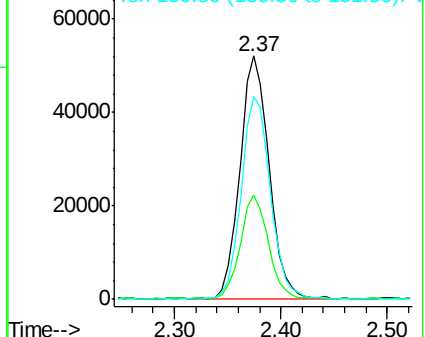
151 84.1 64.5 96.7



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: 18.336 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014053.D

Acq: 17 Dec 2019 15:44

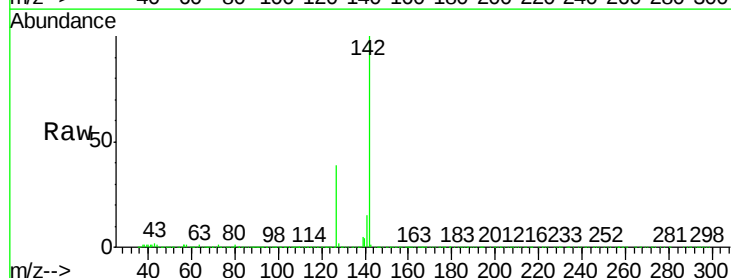
Tgt Ion:142 Resp: 115721

Ion Ratio Lower Upper

142 100

127 41.2 31.6 47.4

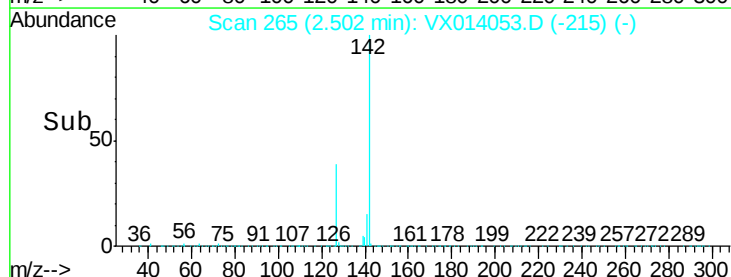
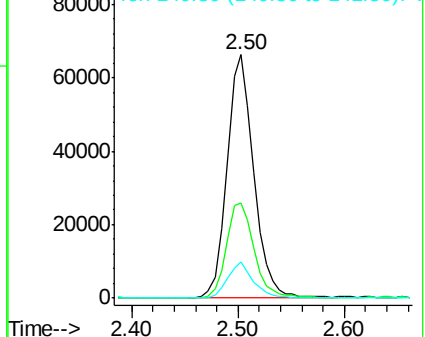
141 14.7 11.6 17.4

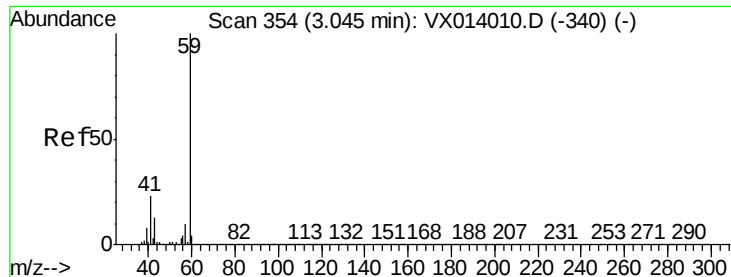


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



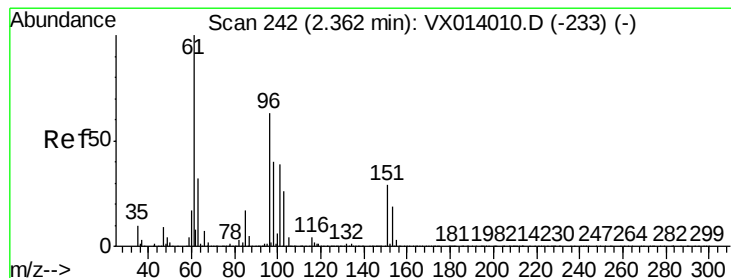
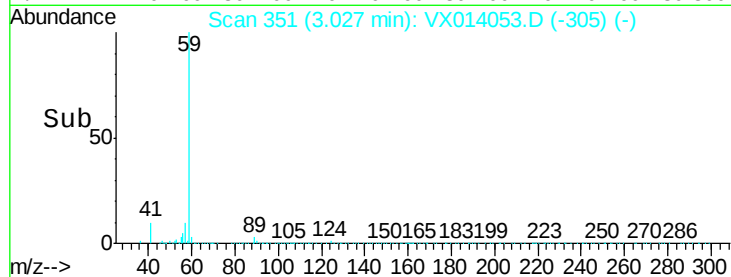
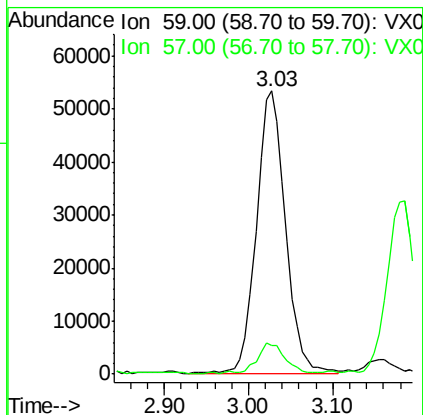
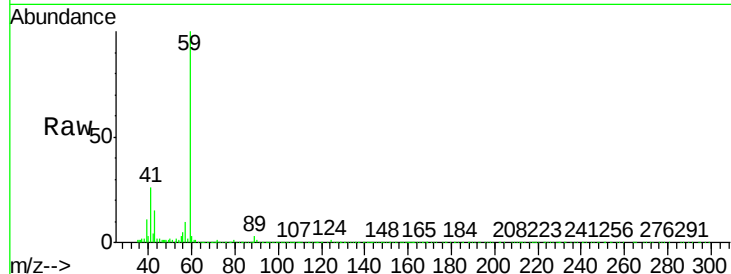


#11

Tert butyl alcohol
Concen: 92.477 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014053.D
Acq: 17 Dec 2019 15:44

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS01

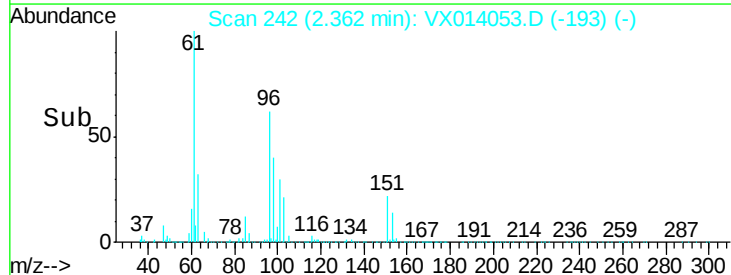
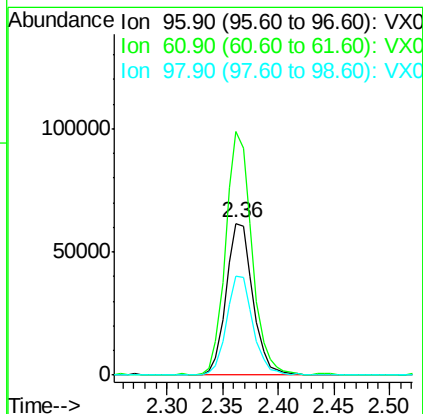
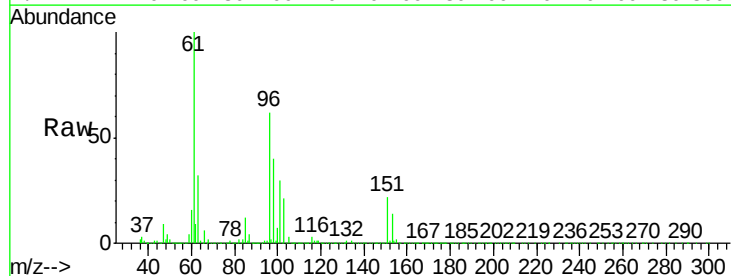
Tot Ion: 59 Resp: 126754
Ion Ratio Lower Upper
59 100
57 9.6 8.4 12.6

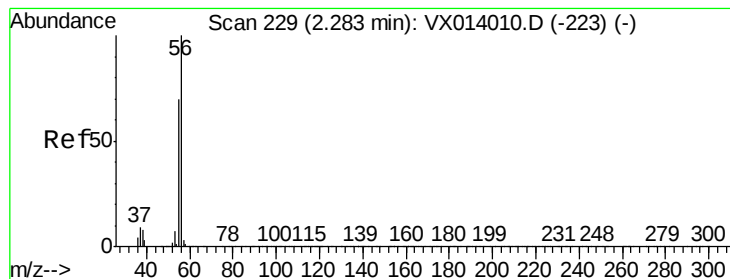


#12

1,1-Dichloroethene
Concen: 18.719 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX014053.D
Acq: 17 Dec 2019 15:44

Tgt Ion: 96 Resp: 100780
Ion Ratio Lower Upper
96 100
61 160.5 127.9 191.9
98 65.0 50.5 75.7





#13

Acrolein

Concen: 121.354 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX014053.D

Acq: 17 Dec 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

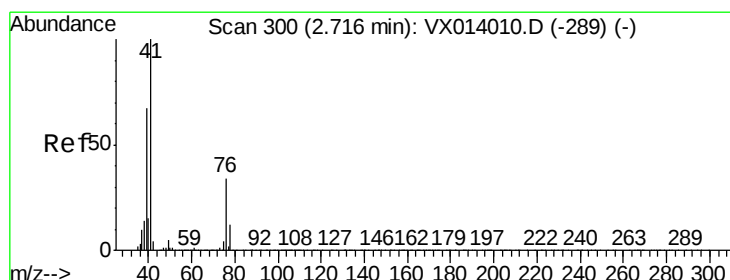
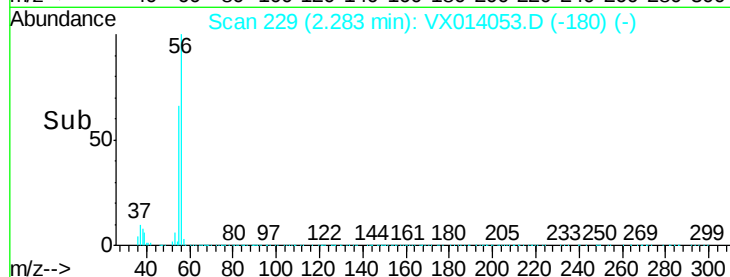
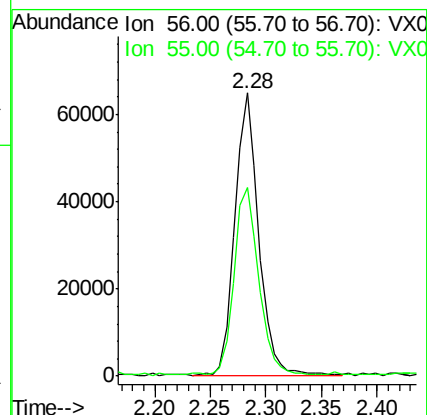
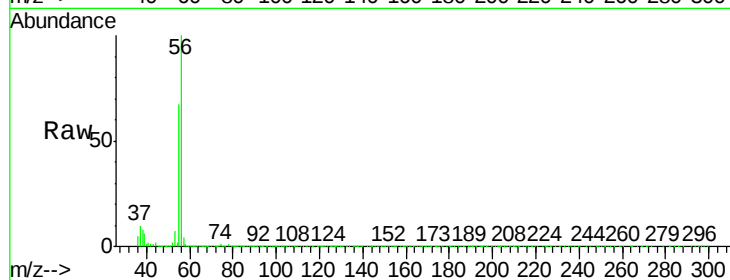
VX1217WBS01

Tot Ion: 56 Resp: 95215

Ion Ratio Lower Upper

56 100

55 68.5 56.9 85.3



#14

Allyl chloride

Concen: 19.110 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX014053.D

Acq: 17 Dec 2019 15:44

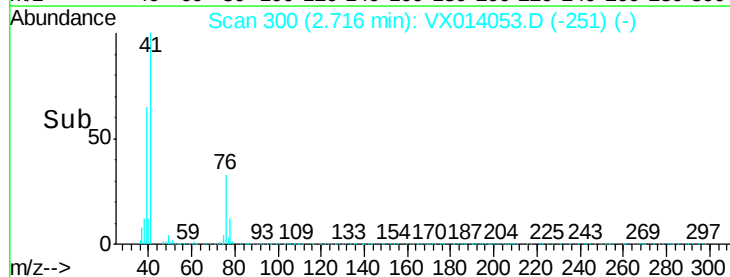
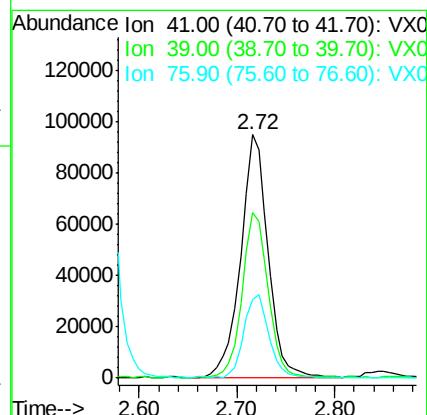
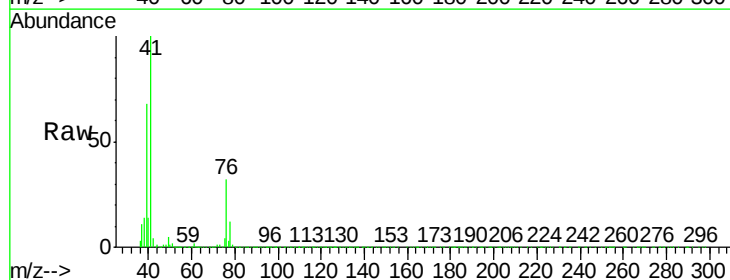
Tgt Ion: 41 Resp: 183705

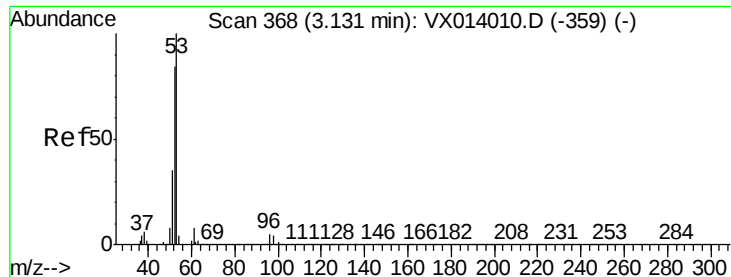
Ion Ratio Lower Upper

41 100

39 64.5 51.8 77.8

76 31.6 25.9 38.9





#15

Acrylonitrile

Concen: 96.288 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX014053.D

Acq: 17 Dec 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS01

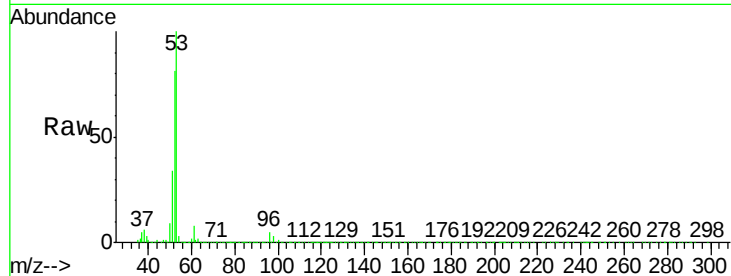
Tot Ion: 53 Resp: 308044

Ion Ratio Lower Upper

53 100

52 83.1 66.5 99.7

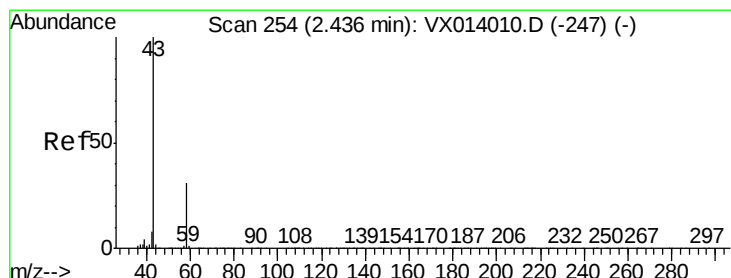
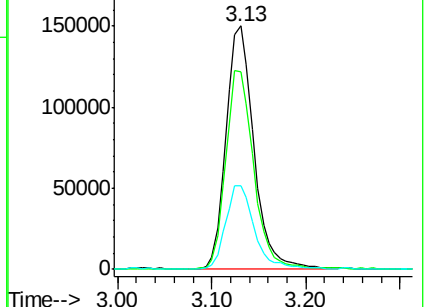
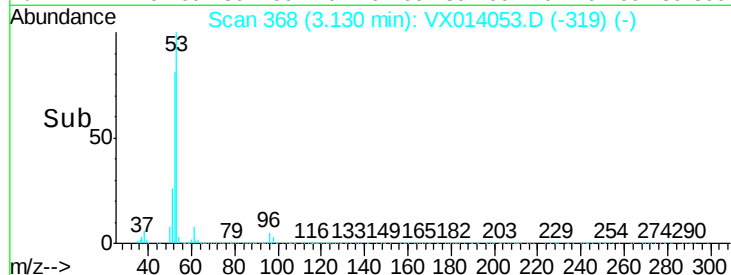
51 35.1 28.1 42.1



Abundance Ion 53.00 (52.70 to 53.70): VX014010.D (-359) (-)

Ion 52.00 (51.70 to 52.70): VX014010.D (-359) (-)

Ion 51.00 (50.70 to 51.70): VX014010.D (-359) (-)



#16

Acetone

Concen: 85.272 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014053.D

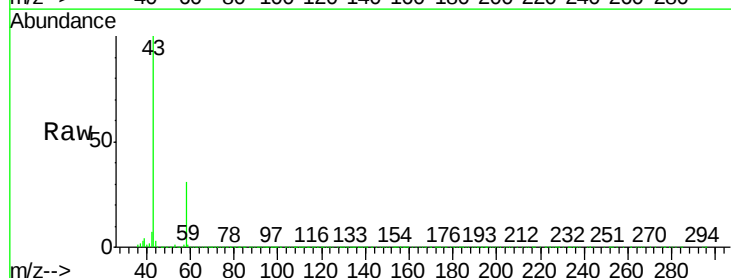
Acq: 17 Dec 2019 15:44

Tgt Ion: 43 Resp: 351164

Ion Ratio Lower Upper

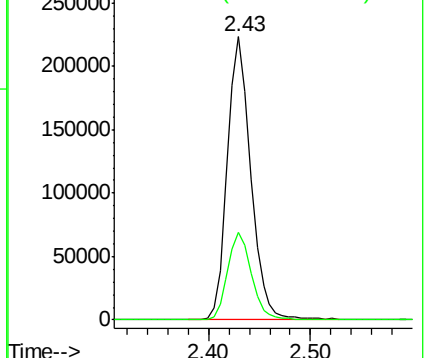
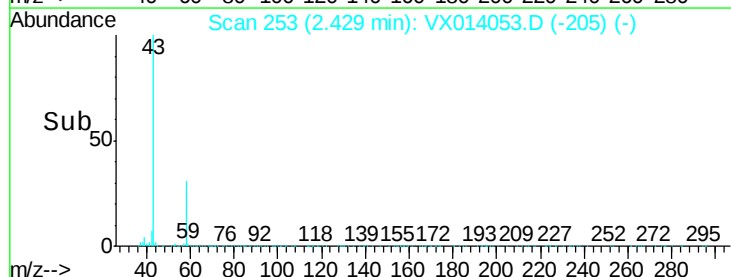
43 100

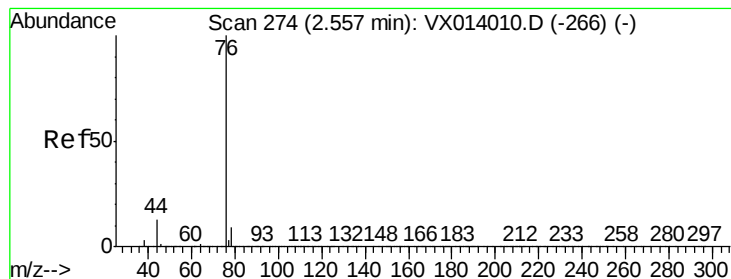
58 30.9 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX014010.D (-247) (-)

Ion 58.00 (57.70 to 58.70): VX014010.D (-247) (-)





#17

Carbon Disulfide

Concen: 18.638 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014053.D

Acq: 17 Dec 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

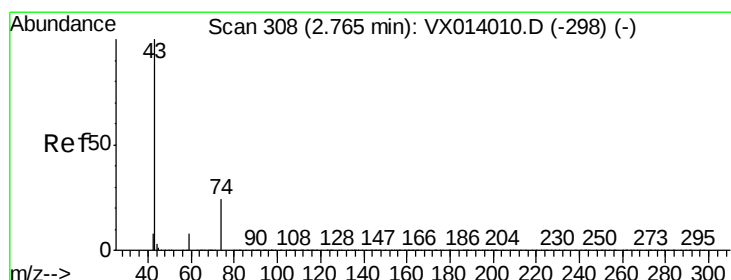
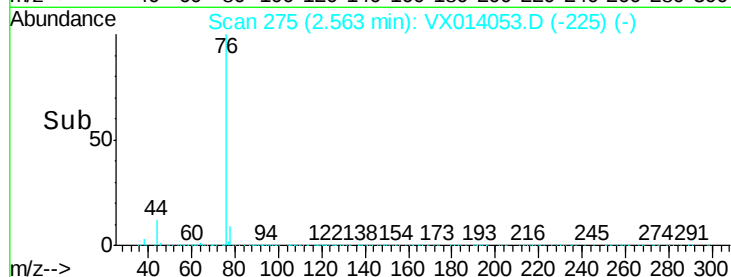
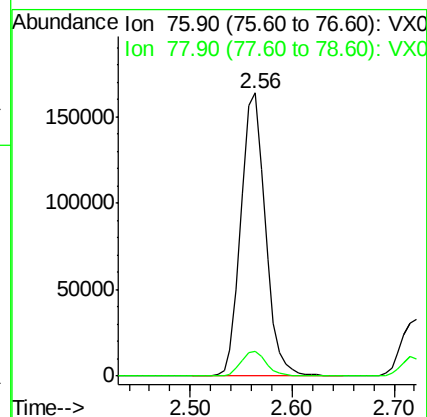
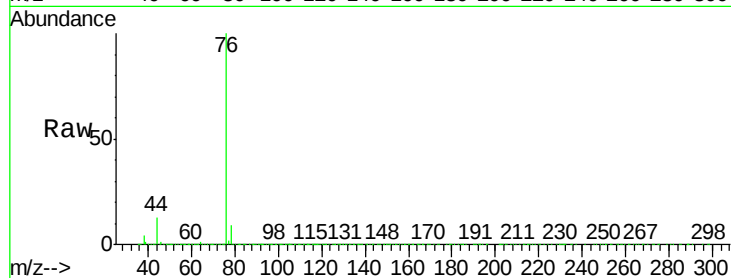
VX1217WBS01

Tot Ion: 76 Resp: 271431

Ion Ratio Lower Upper

76 100

78 8.7 7.2 10.8



#18

Methyl Acetate

Concen: 18.834 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014053.D

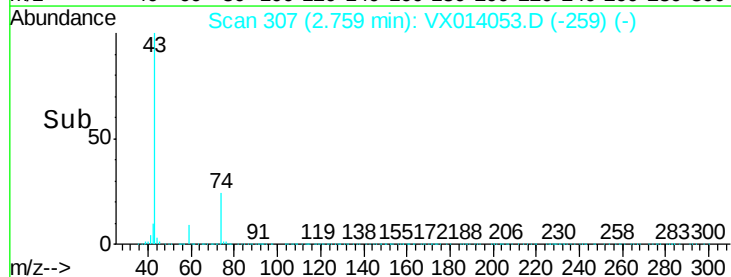
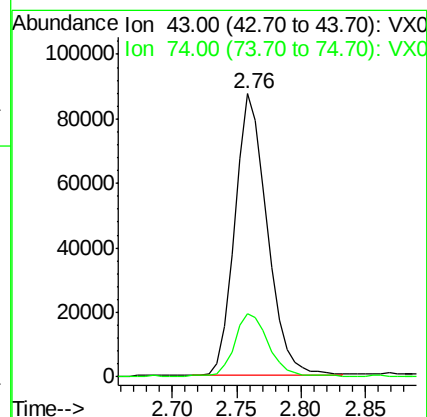
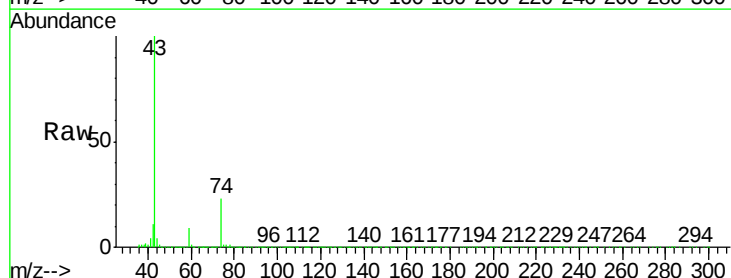
Acq: 17 Dec 2019 15:44

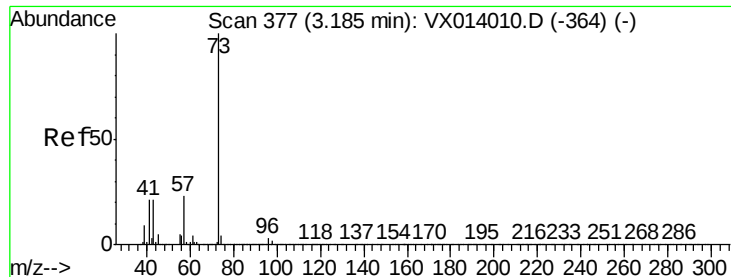
Tgt Ion: 43 Resp: 153692

Ion Ratio Lower Upper

43 100

74 23.3 19.5 29.3



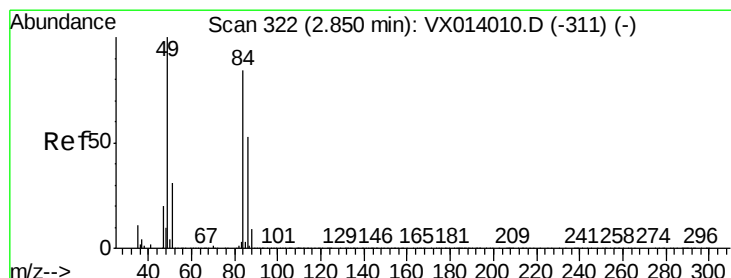
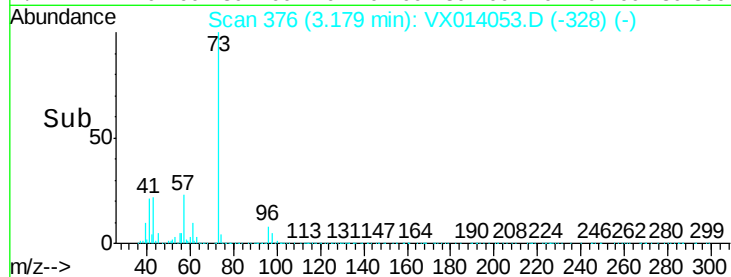
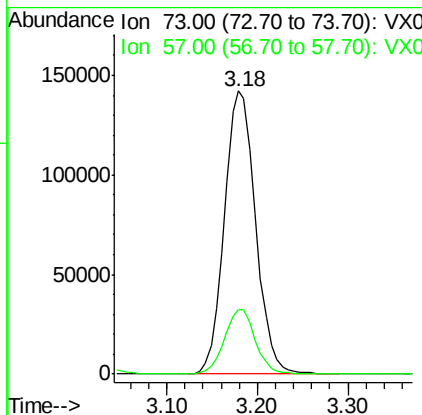
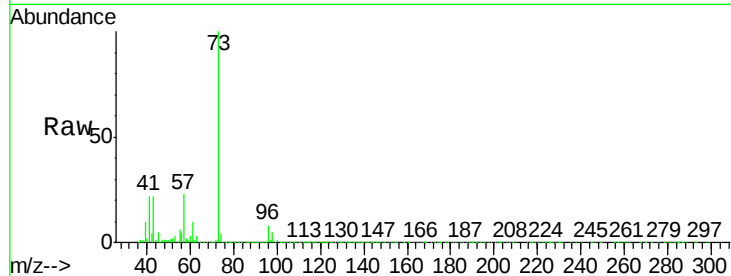


#19

Methyl tert-butyl Ether
 Concen: 19.052 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014053.D
 Acq: 17 Dec 2019 15:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBS01

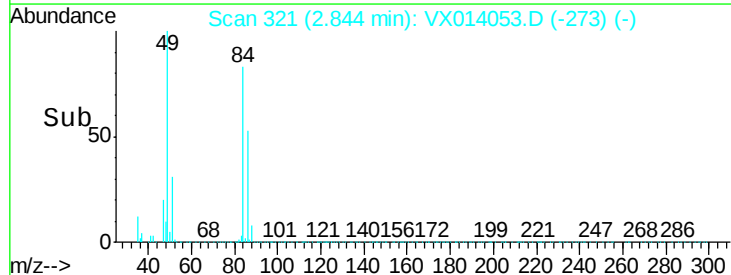
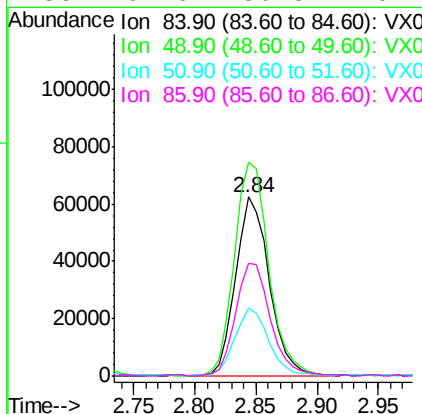
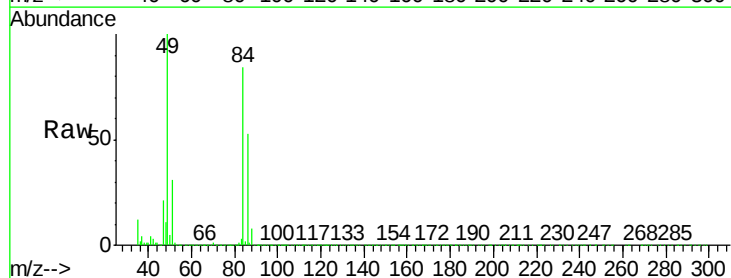
Tot Ion: 73 Resp: 337052
 Ion Ratio Lower Upper
 73 100
 57 22.6 18.8 28.2

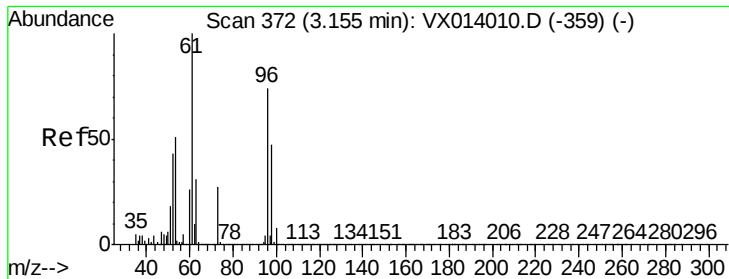


#20

Methylene Chloride
 Concen: 18.324 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX014053.D
 Acq: 17 Dec 2019 15:44

Tgt Ion: 84 Resp: 118830
 Ion Ratio Lower Upper
 84 100
 49 119.4 95.8 143.6
 51 37.3 29.8 44.8
 86 62.6 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 18.282 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX014053.D

Acq: 17 Dec 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS01

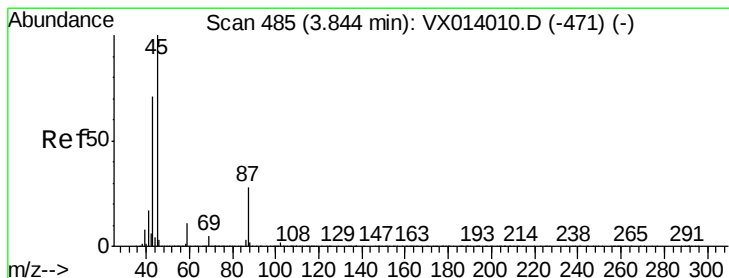
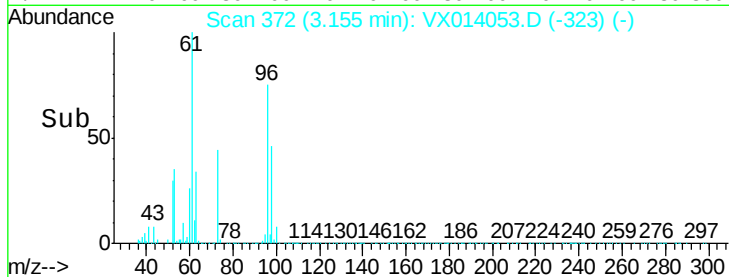
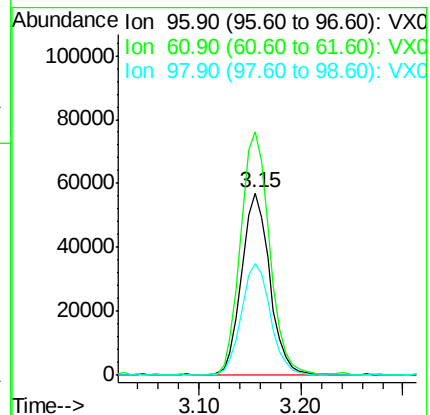
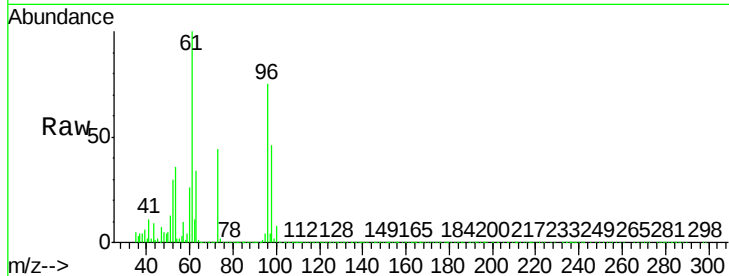
Tot Ion: 96 Resp: 108437

Ion Ratio Lower Upper

96 100

61 133.3 108.3 162.5

98 61.3 50.8 76.2



#22

Diisopropyl ether

Concen: 19.355 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX014053.D

Acq: 17 Dec 2019 15:44

Tgt Ion: 45 Resp: 370760

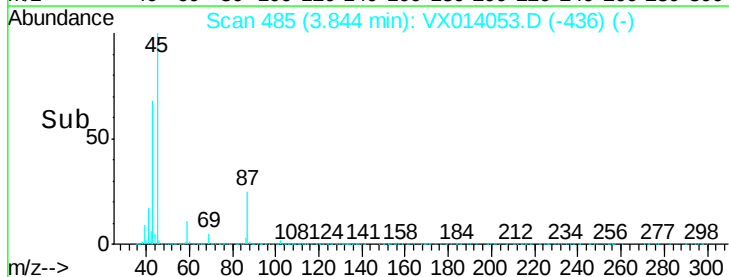
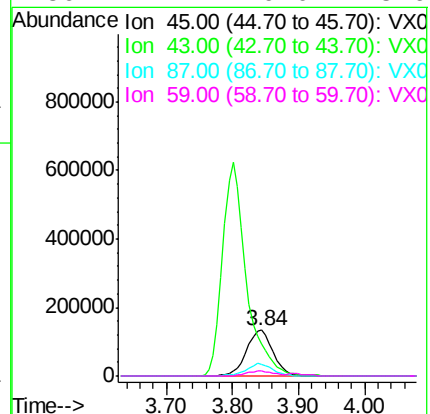
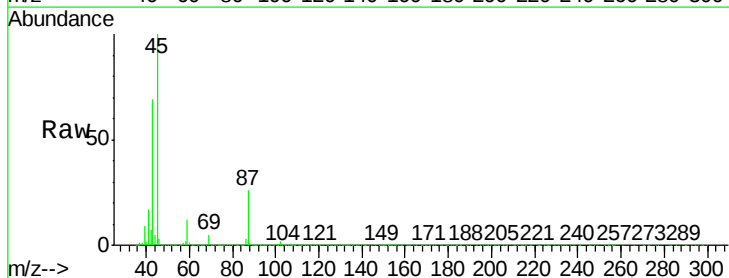
Ion Ratio Lower Upper

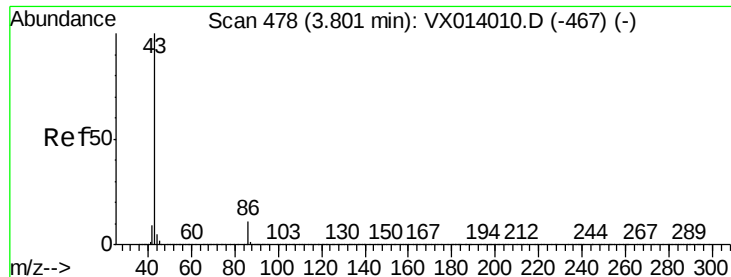
45 100

43 68.5 57.4 86.0

87 25.5 21.9 32.9

59 11.4 9.0 13.6





#23

Vinyl Acetate

Concen: 100.340 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX014053.D

Acq: 17 Dec 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

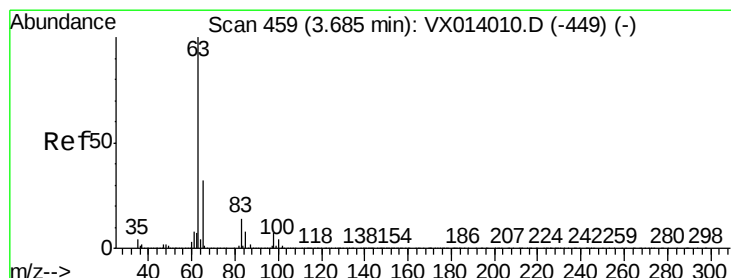
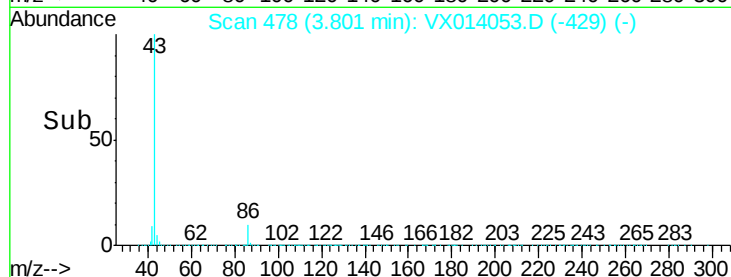
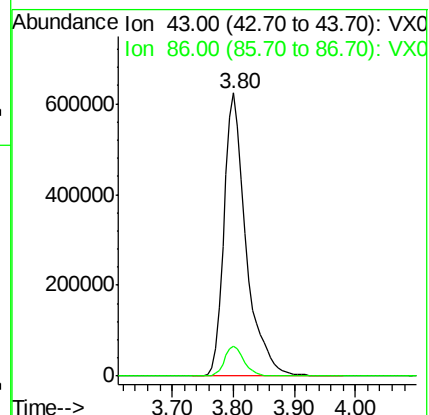
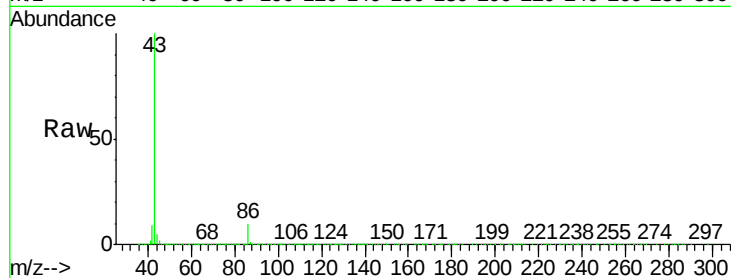
VX1217WBS01

Tot Ion: 43 Resp: 1568539

Ion Ratio Lower Upper

43 100

86 10.4 8.6 12.8



#24

1,1-Dichloroethane

Concen: 18.629 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX014053.D

Acq: 17 Dec 2019 15:44

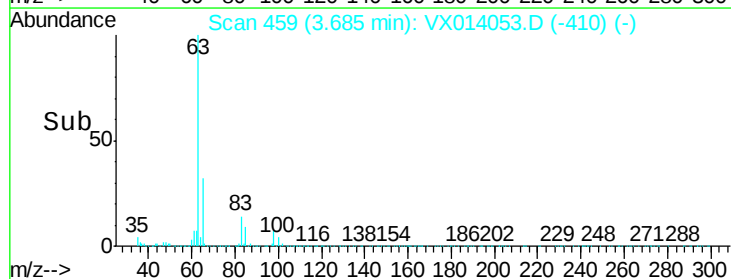
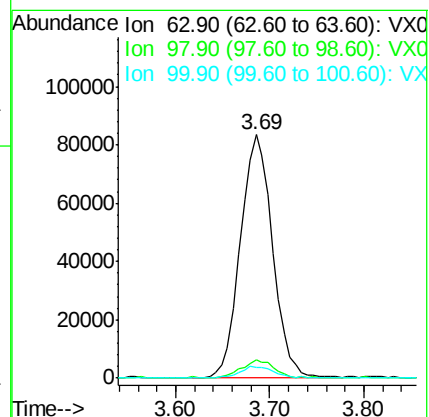
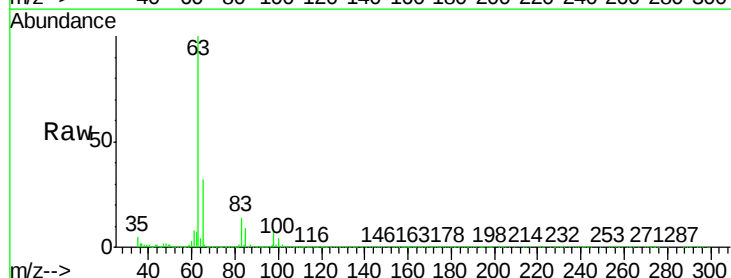
Tgt Ion: 63 Resp: 198534

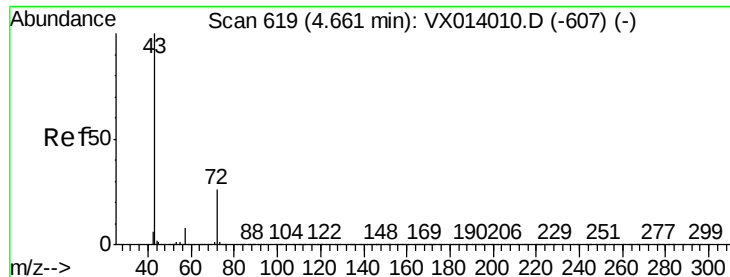
Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

100 4.1 2.3 6.8





#25

2-Butanone

Concen: 91.569 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014053.D

Acq: 17 Dec 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

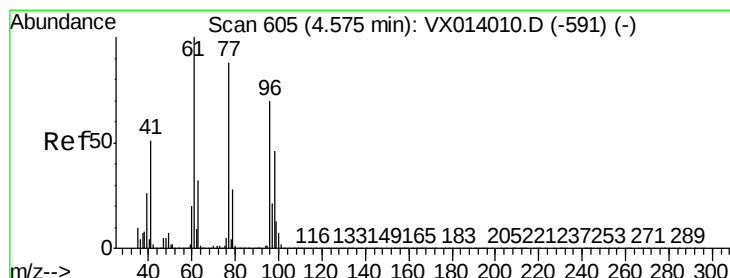
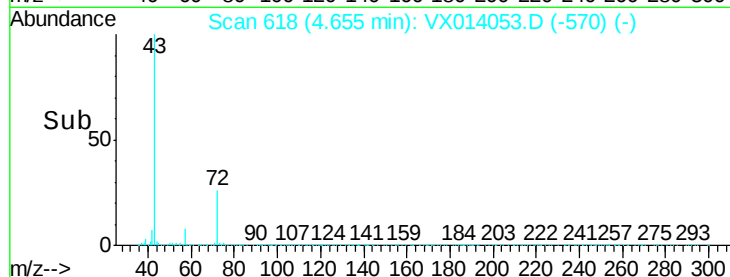
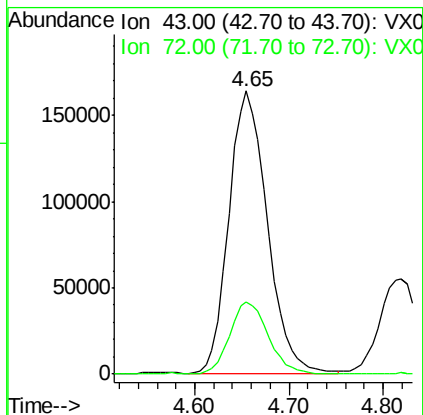
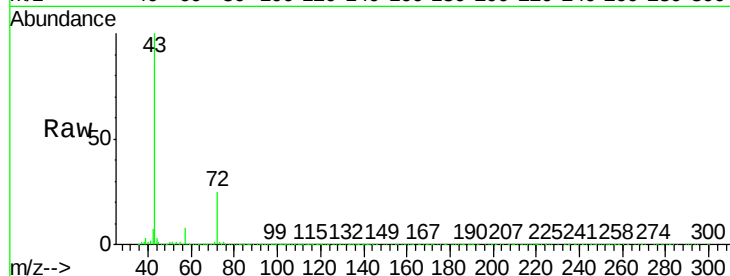
VX1217WBS01

Tot Ion: 43 Resp: 464917

Ion Ratio Lower Upper

43 100

72 25.2 21.0 31.4



#26

2,2-Dichloropropane

Concen: 18.548 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014053.D

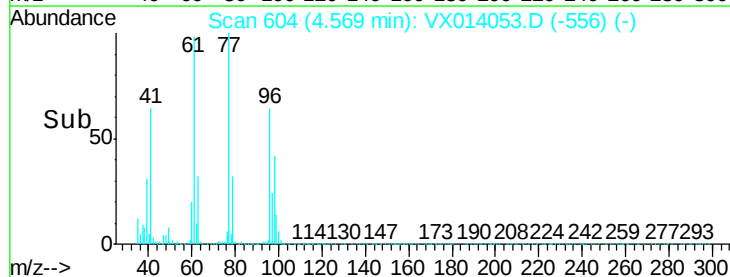
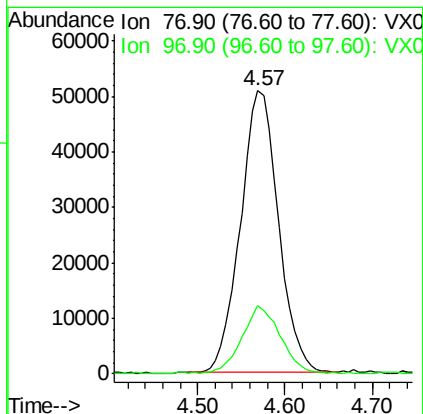
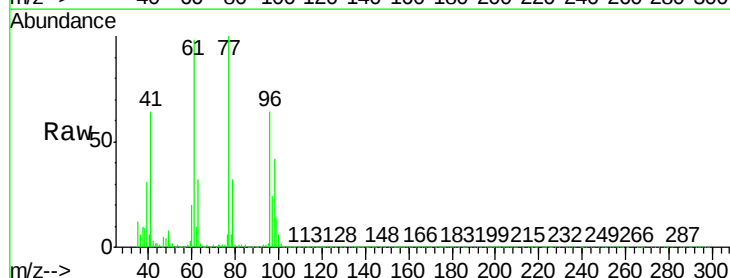
Acq: 17 Dec 2019 15:44

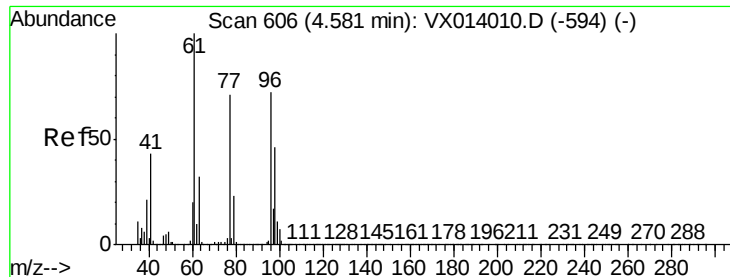
Tgt Ion: 77 Resp: 153476

Ion Ratio Lower Upper

77 100

97 23.8 11.9 35.9



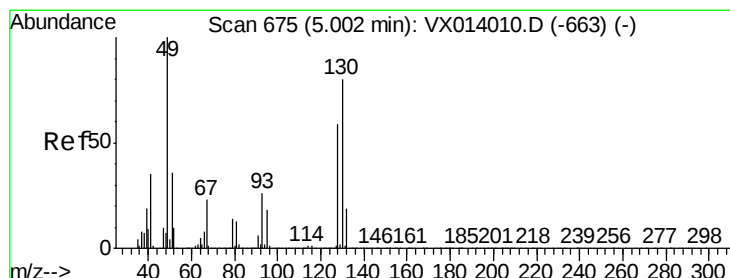
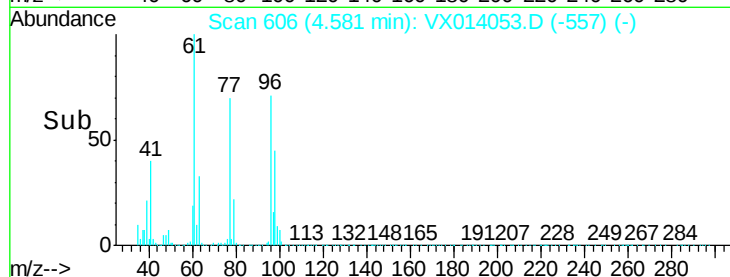
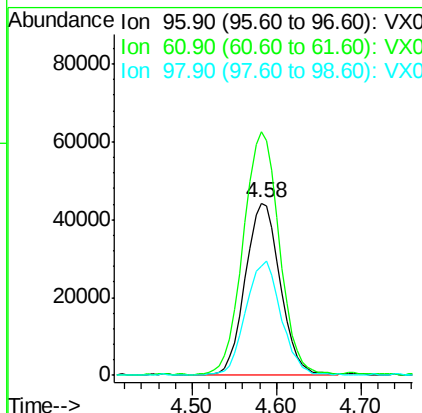
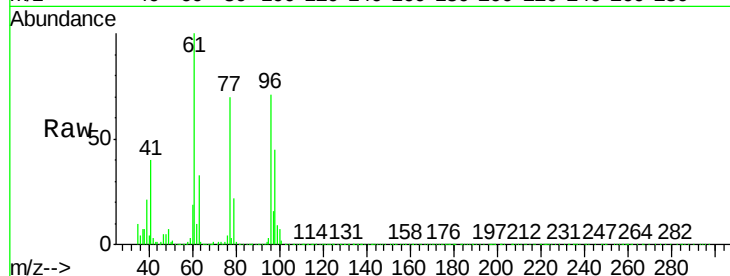


#27

cis-1,2-Dichloroethene
 Concen: 18.607 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VX014053.D
 Acq: 17 Dec 2019 15:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBS01

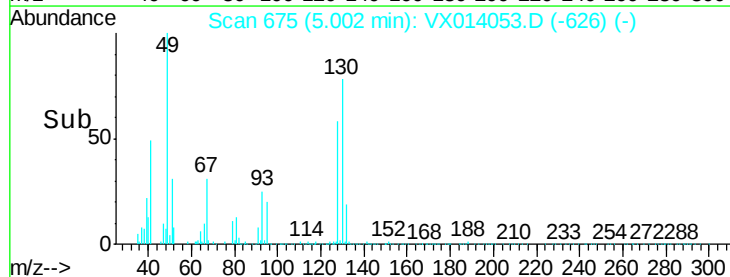
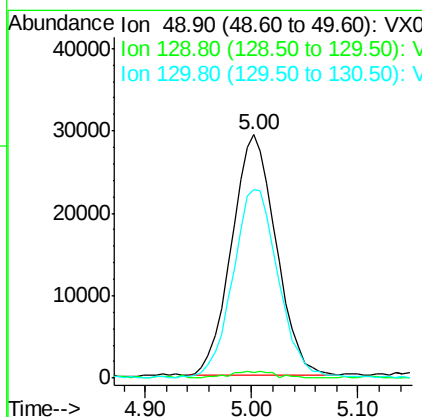
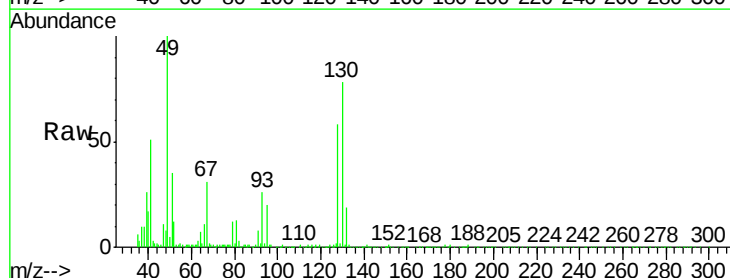
Tot Ion	Ratio	Lower	Upper
96	100		
61	144.1	0.0	288.4
98	66.4	0.0	129.6

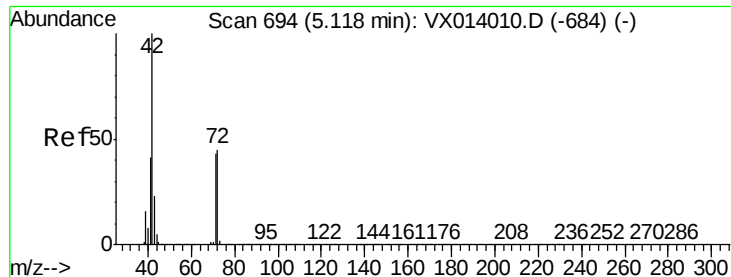


#28

Bromochloromethane
 Concen: 21.097 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VX014053.D
 Acq: 17 Dec 2019 15:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.0
130	79.9	64.6	97.0





#29

Tetrahydrofuran

Concen: 97.089 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX014053.D

Acq: 17 Dec 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS01

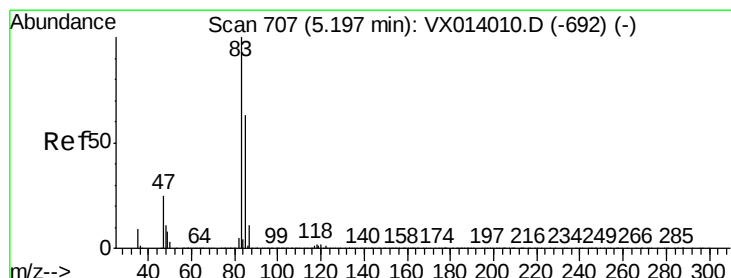
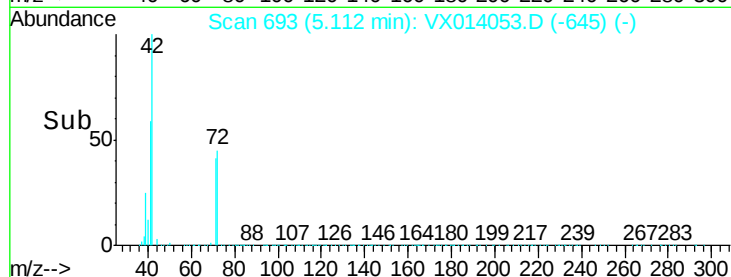
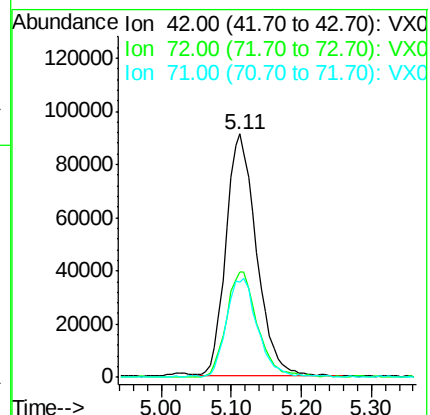
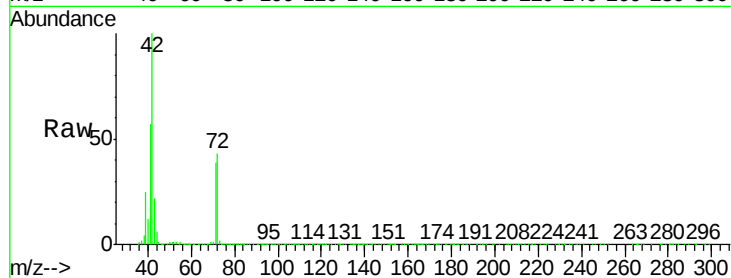
Tot Ion: 42 Resp: 275717

Ion Ratio Lower Upper

42 100

72 44.3 35.8 53.8

71 41.6 33.6 50.4



#30

Chloroform

Concen: 19.080 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX014053.D

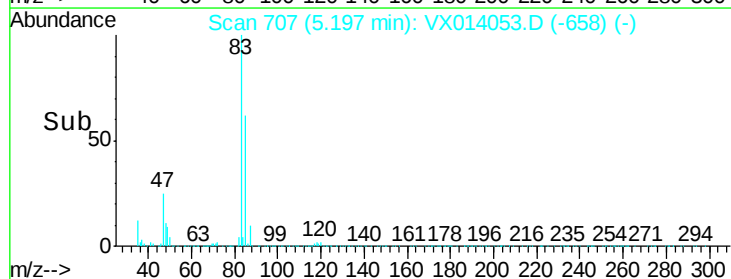
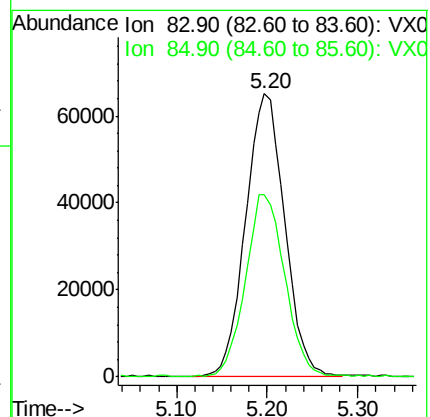
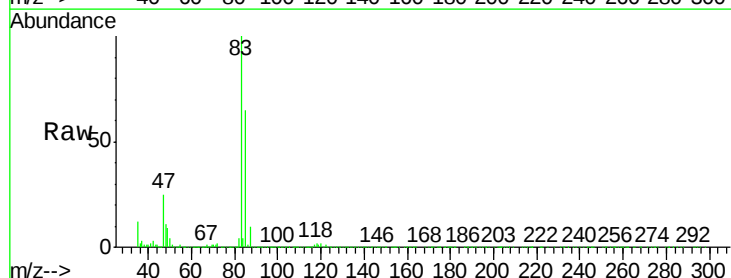
Acq: 17 Dec 2019 15:44

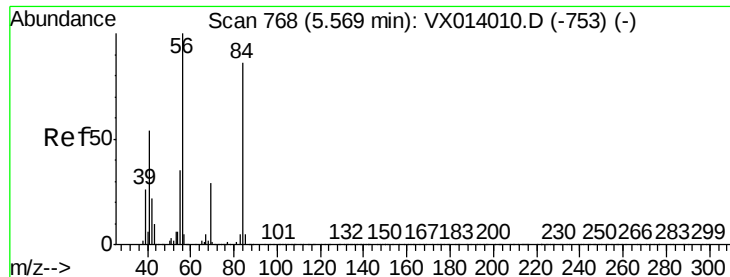
Tgt Ion: 83 Resp: 192764

Ion Ratio Lower Upper

83 100

85 64.7 50.8 76.2

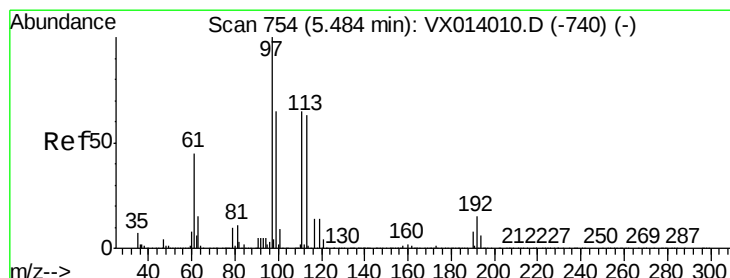
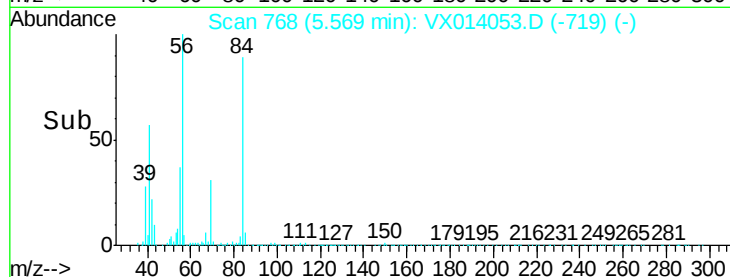
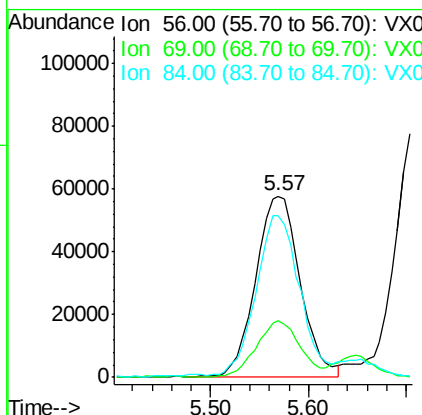
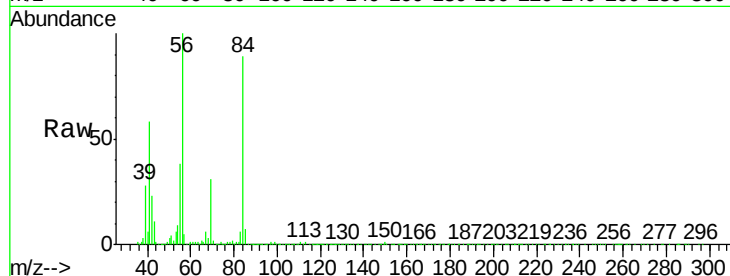




#31
Cyclohexane
Concen: 19.358 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX014053.D
Acq: 17 Dec 2019 15:44

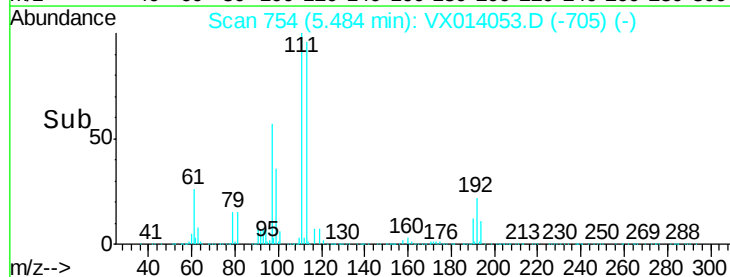
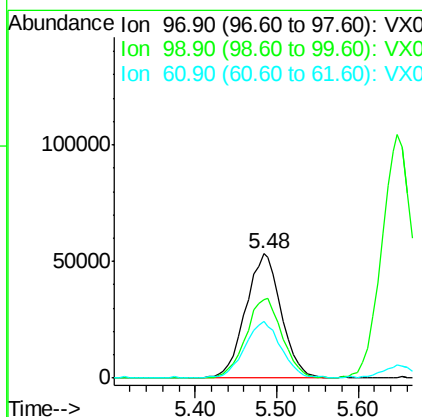
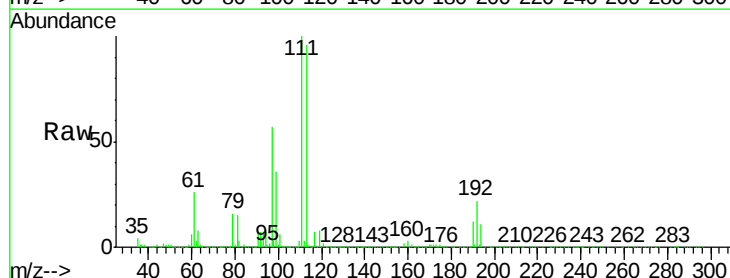
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS01

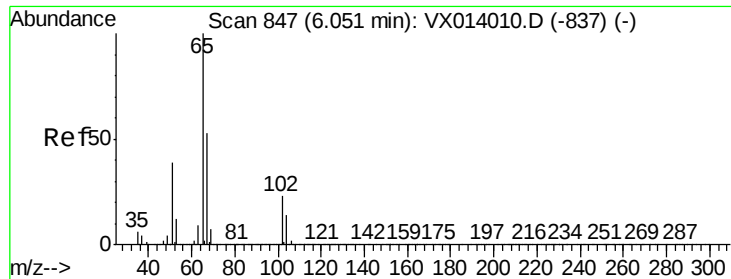
Tot Ion: 56 Resp: 183493
Ion Ratio Lower Upper
56 100
69 30.9 23.2 34.8
84 88.3 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 18.788 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX014053.D
Acq: 17 Dec 2019 15:44

Tgt Ion: 97 Resp: 161779
Ion Ratio Lower Upper
97 100
99 64.4 52.0 78.0
61 46.6 36.7 55.1

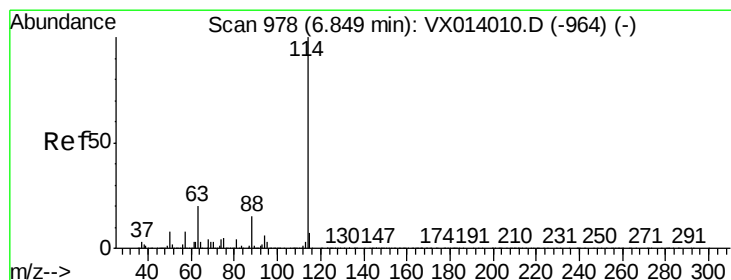
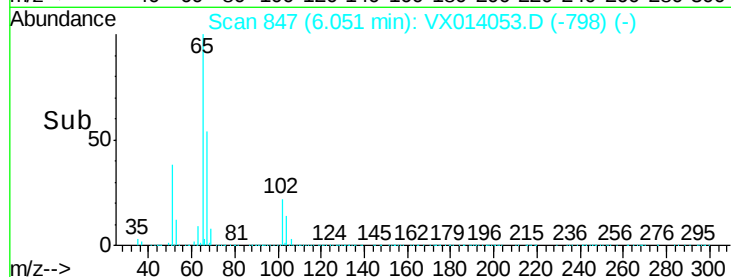
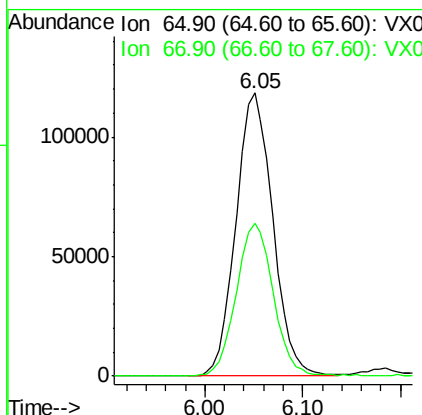
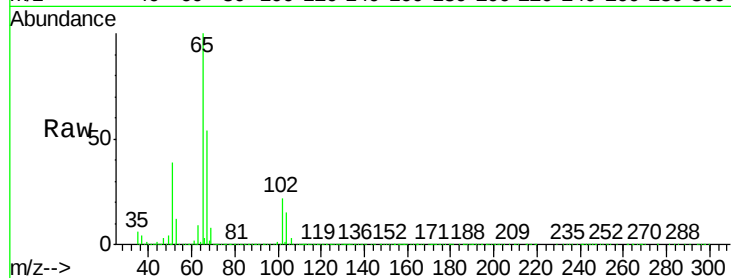




#33
 1,2-Dichloroethane-d4
 Concen: 48.757 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX014053.D
 Acq: 17 Dec 2019 15:44

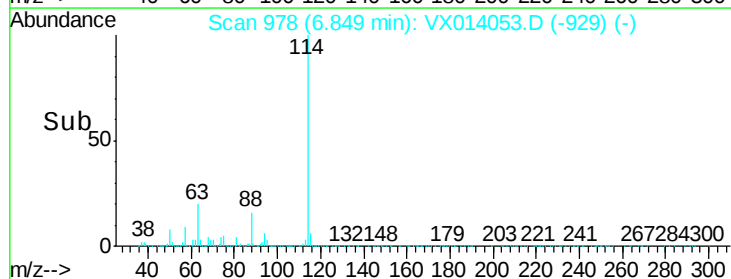
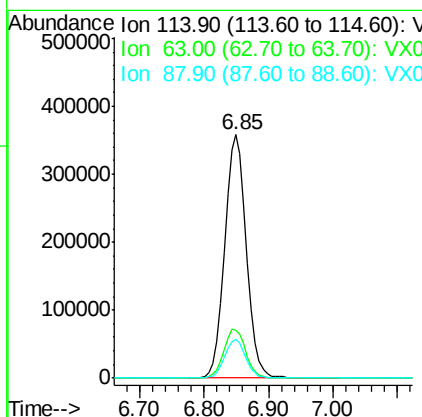
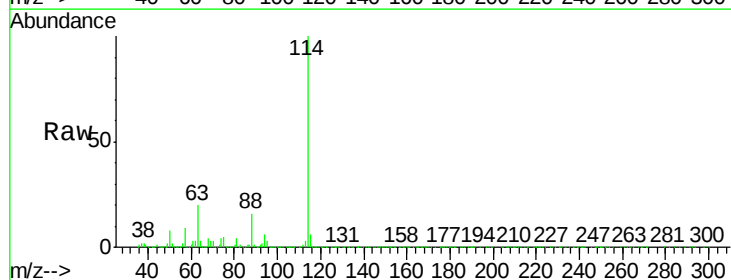
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBS01

Tot Ion: 65 Resp: 309279
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX014053.D
 Acq: 17 Dec 2019 15:44

Tgt Ion: 114 Resp: 844426
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.8
 88 15.8 0.0 30.4

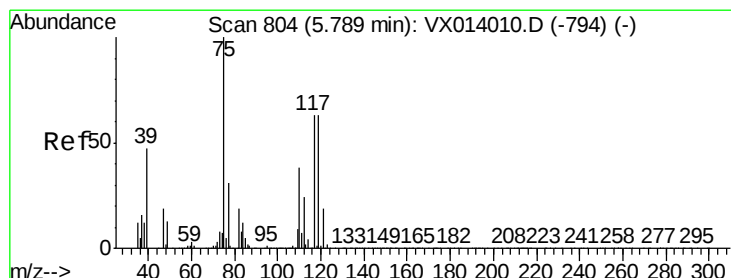
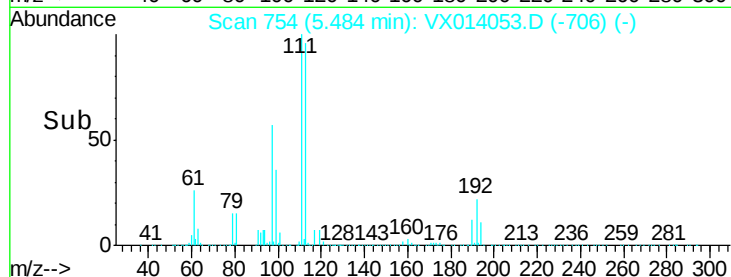
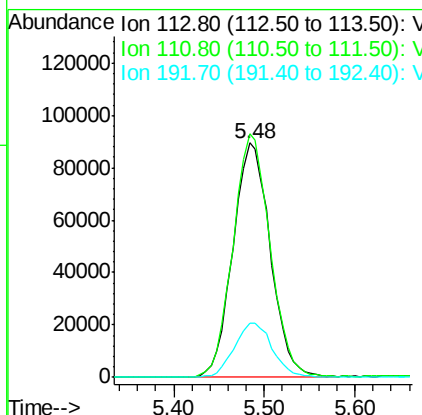
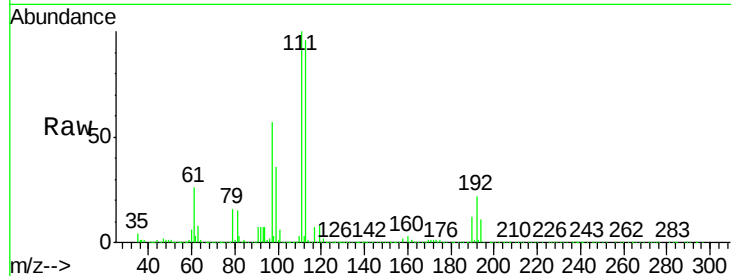




#35
 Dibromofluoromethane
 Concen: 49.624 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX014053.D
 Acq: 17 Dec 2019 15:44

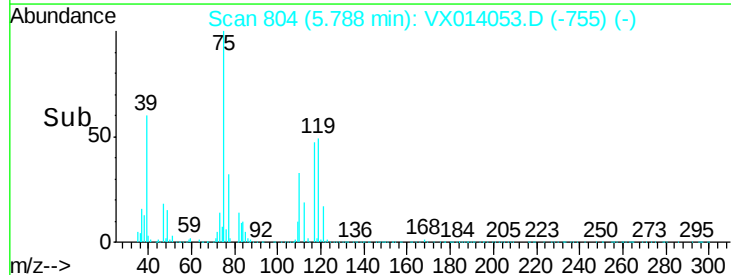
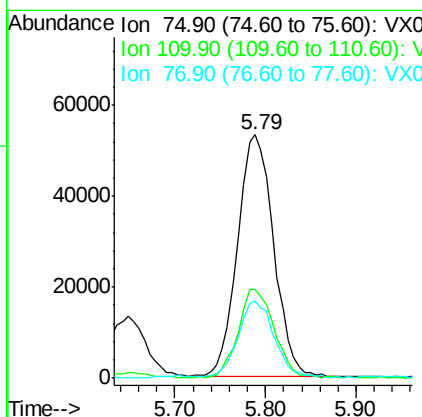
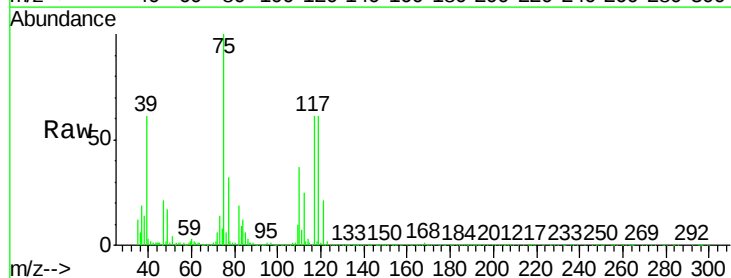
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBS01

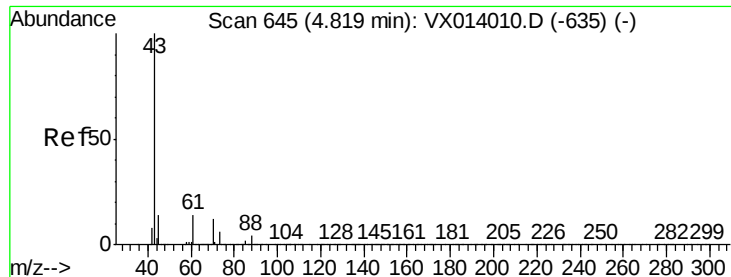
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.0	123.0
192	23.6	19.3	28.9



#36
 1,1-Dichloropropene
 Concen: 18.995 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX014053.D
 Acq: 17 Dec 2019 15:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	18.3	54.9
77	31.5	24.8	37.2

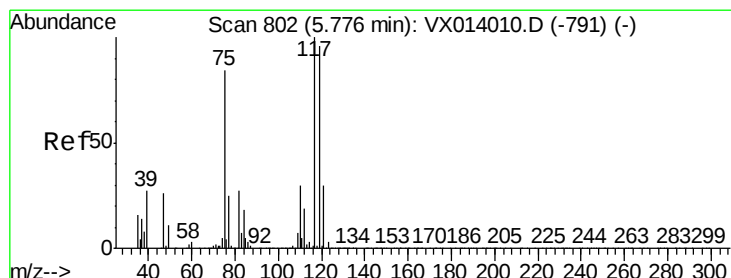
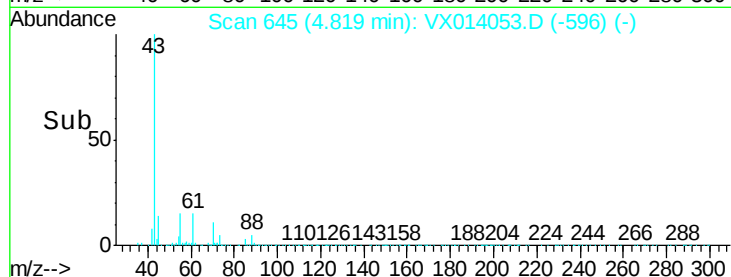
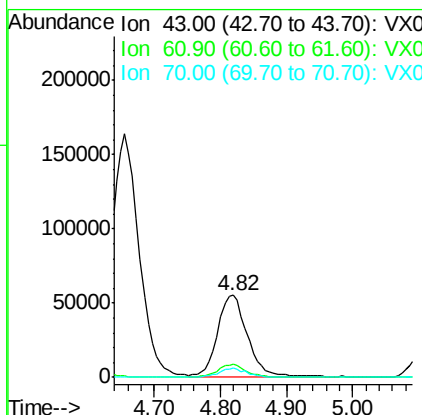
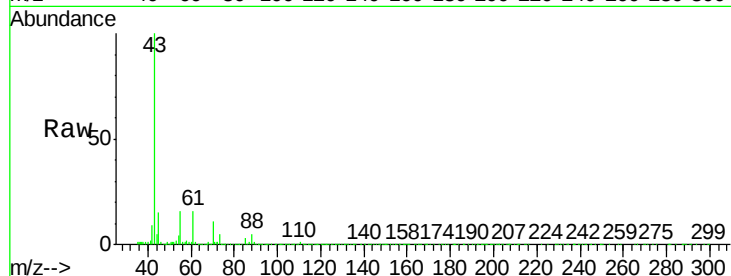




#37
Ethyl Acetate
Concen: 19.756 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX014053.D
Acq: 17 Dec 2019 15:44

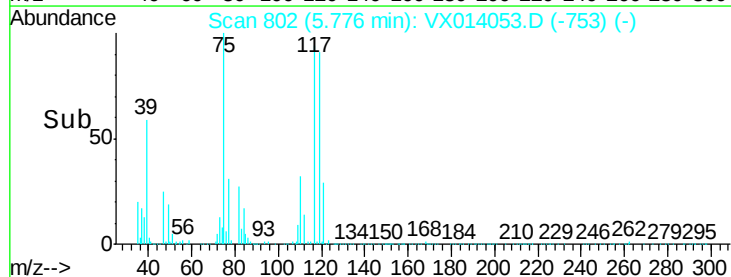
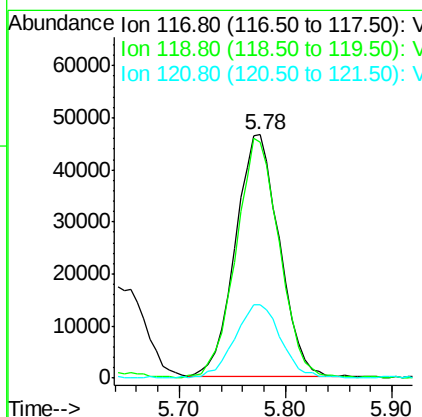
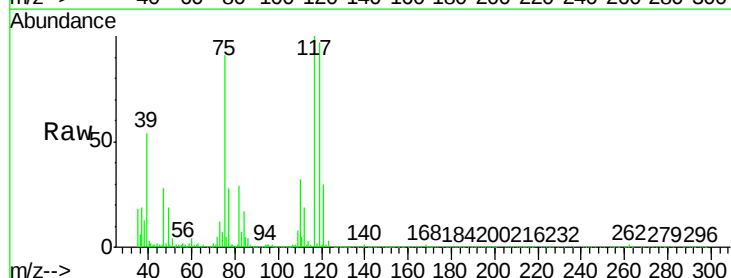
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS01

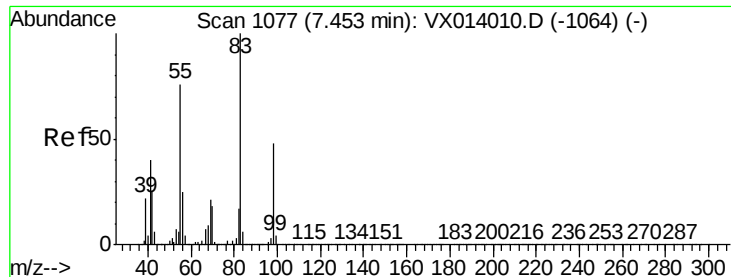
Tot Ion: 43 Resp: 169032
Ion Ratio Lower Upper
43 100
61 15.6 10.8 16.2
70 10.0 8.6 12.8



#38
Carbon Tetrachloride
Concen: 19.034 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX014053.D
Acq: 17 Dec 2019 15:44

Tgt Ion: 117 Resp: 134353
Ion Ratio Lower Upper
117 100
119 97.3 76.2 114.4
121 30.1 23.6 35.4

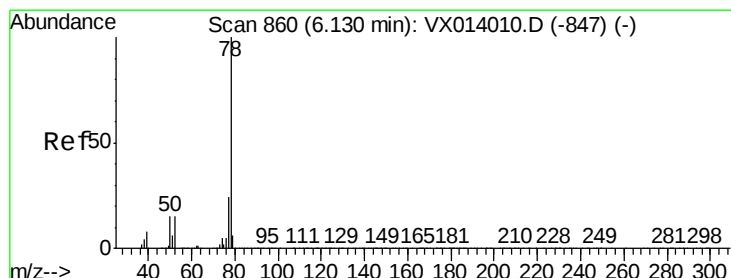
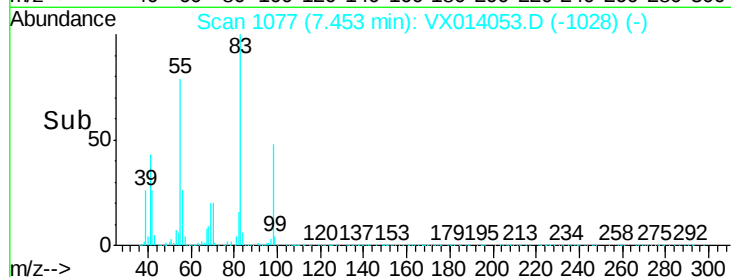
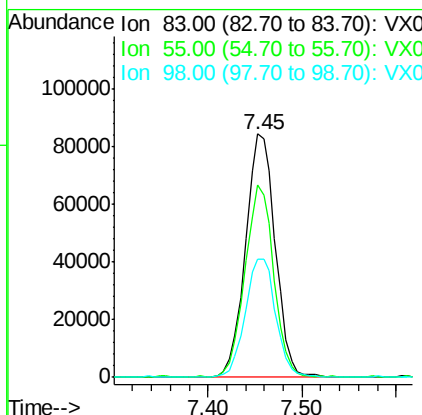
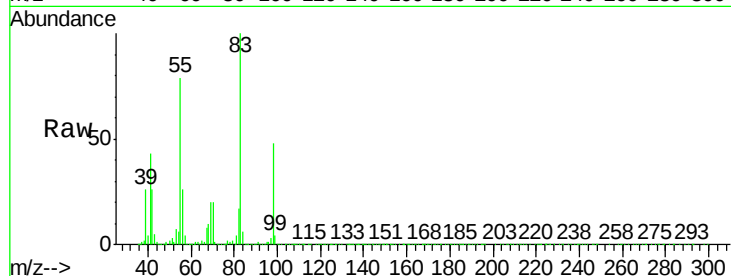




#39
Methvlcvclohexane
Concen: 19.591 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX014053.D
Acq: 17 Dec 2019 15:44

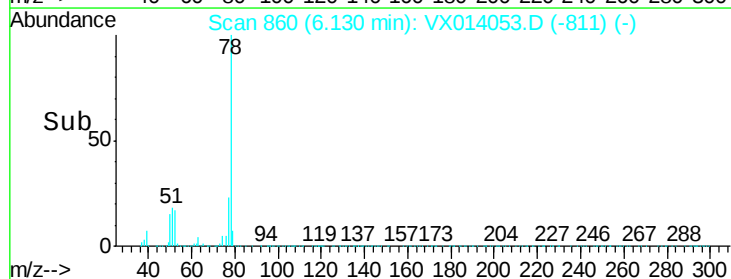
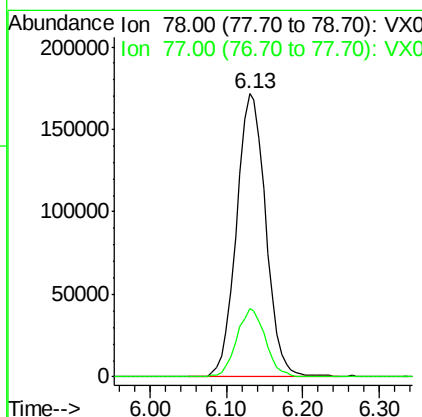
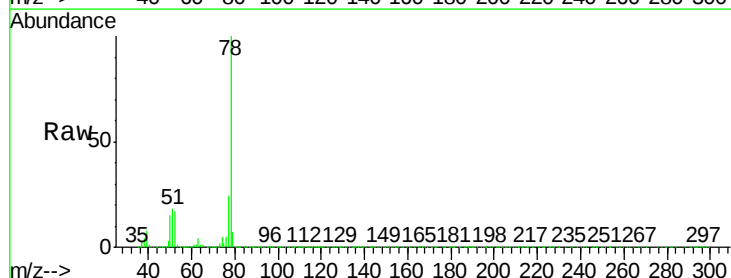
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS01

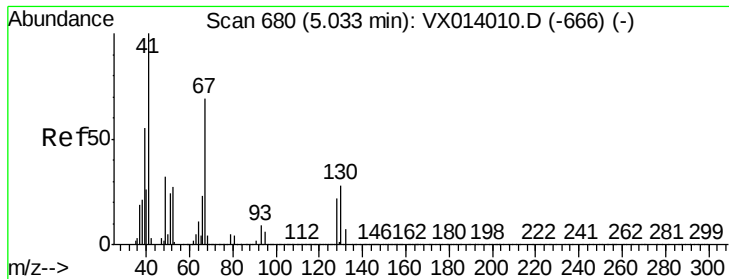
Tot Ion	83	Resp	187427
Ion Ratio	Lower	Upper	
83	100		
55	78.9	61.0	91.6
98	48.2	38.6	57.8



#40
Benzene
Concen: 18.999 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX014053.D
Acq: 17 Dec 2019 15:44

Tgt Ion	78	Resp	452926
Ion Ratio	Lower	Upper	
78	100		
77	23.9	18.8	28.2

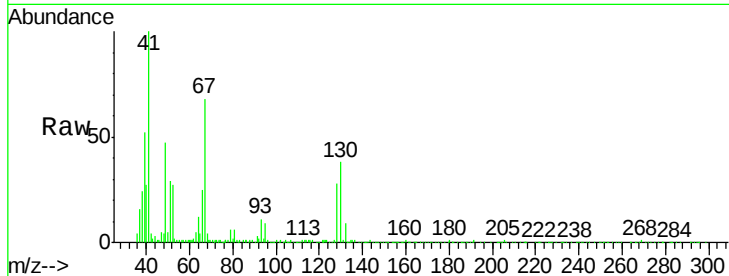




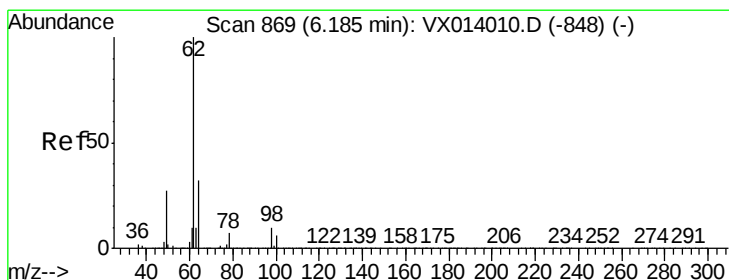
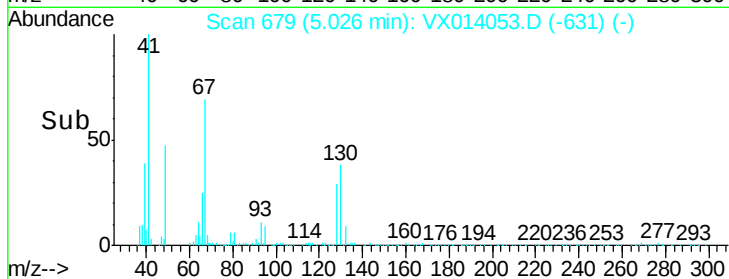
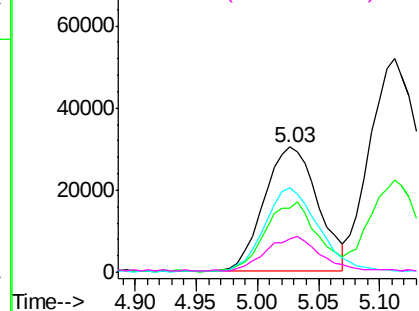
#41
Methacrylonitrile
Concen: 19.631 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014053.D
Acq: 17 Dec 2019 15:44

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS01

Tot Ion:	41	Resp:	93195
Ion	Ratio	Lower	Upper
41	100		
39	55.3	44.5	66.7
67	68.0	57.4	86.0
52	27.7	23.0	34.4

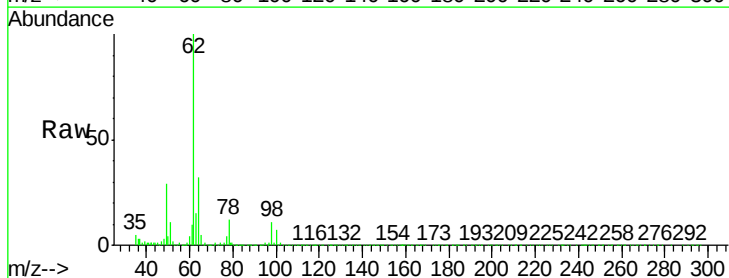


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

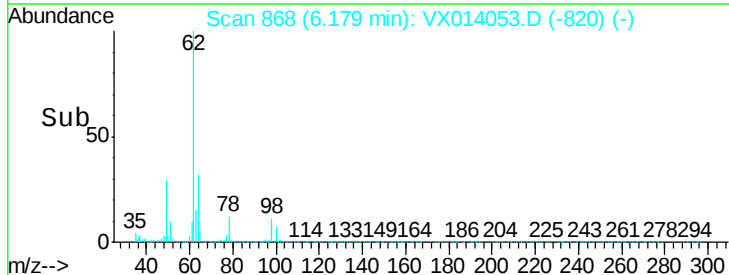
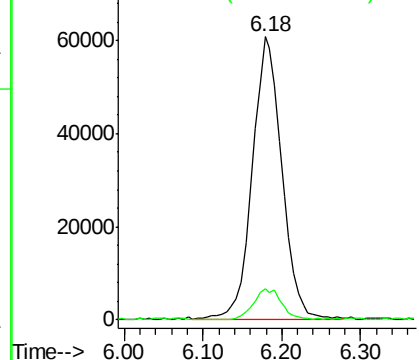


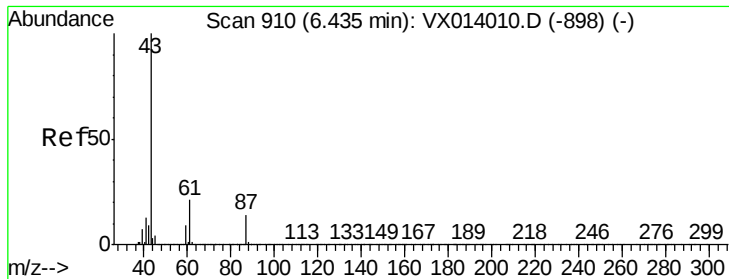
#42
1,2-Dichloroethane
Concen: 19.655 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014053.D
Acq: 17 Dec 2019 15:44

Tgt Ion:	62	Resp:	158835
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	21.0



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



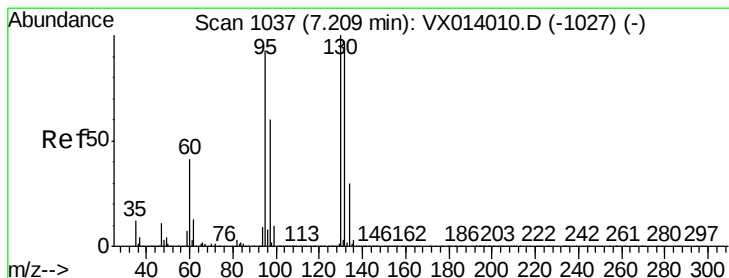
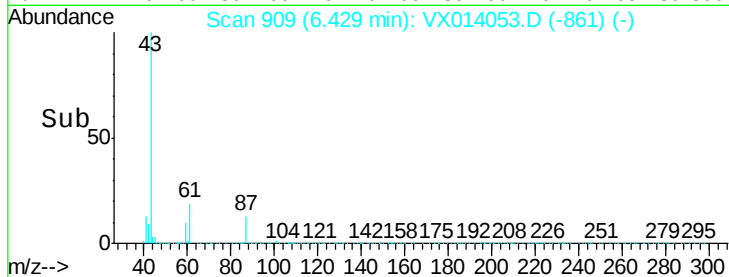
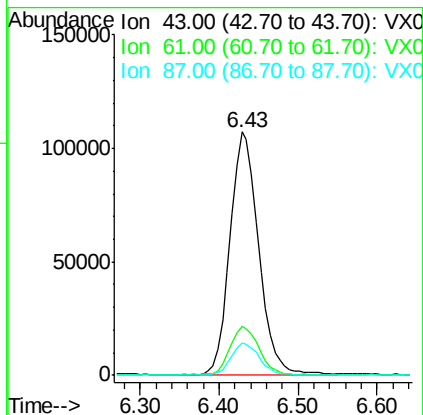
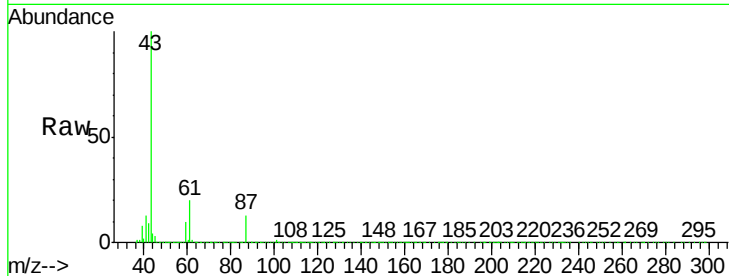


#43

Isopropyl Acetate
 Concen: 19.081 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014053.D
 Acq: 17 Dec 2019 15:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBS01

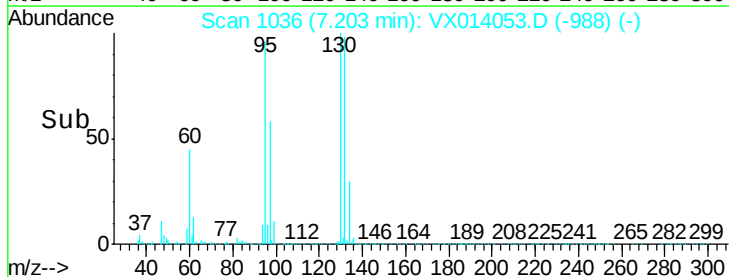
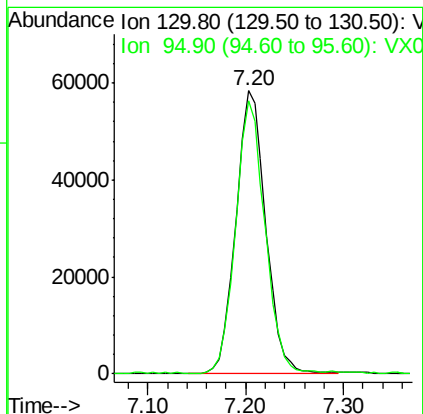
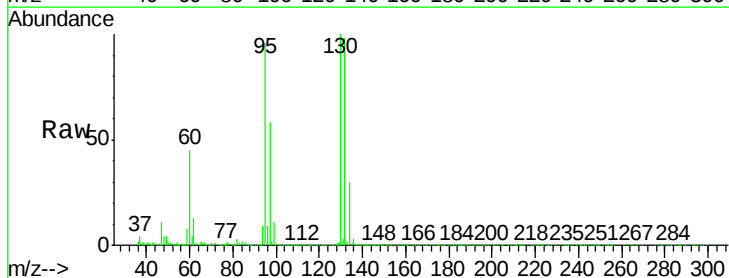
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.0	16.4	24.6
87	13.3	10.7	16.1



#44

Trichloroethene
 Concen: 18.718 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014053.D
 Acq: 17 Dec 2019 15:44

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.4	0.0	185.6





#45

1,2-Dichloropropane

Concen: 19.611 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014053.D

Acq: 17 Dec 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

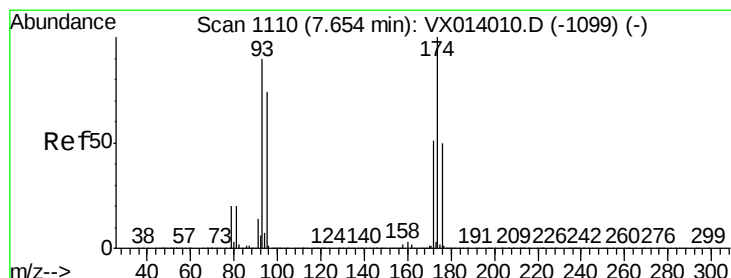
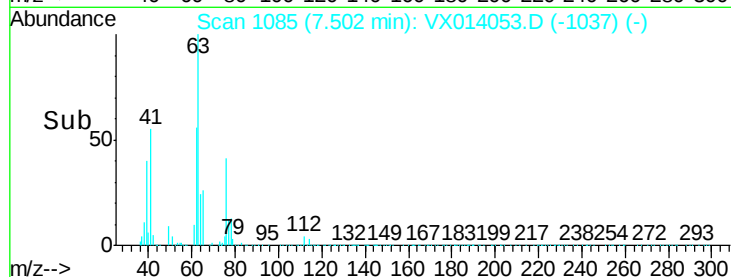
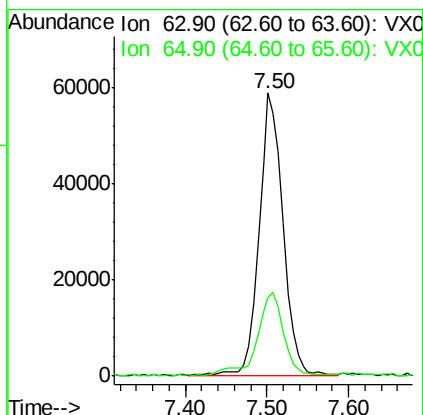
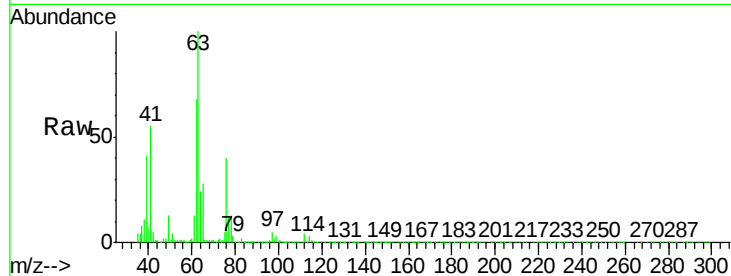
VX1217WBS01

Tot Ion: 63 Resp: 119829

Ion Ratio Lower Upper

63 100

65 27.5 25.8 38.8



#46

Dibromomethane

Concen: 18.513 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX014053.D

Acq: 17 Dec 2019 15:44

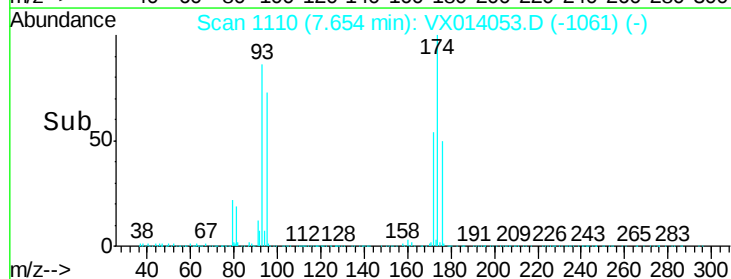
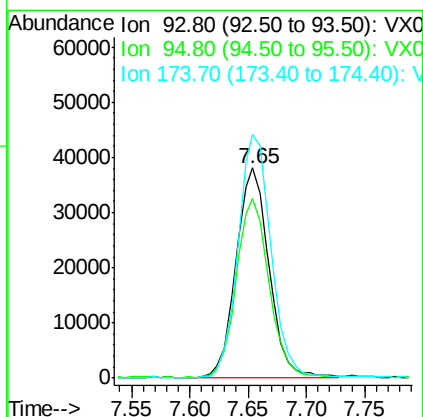
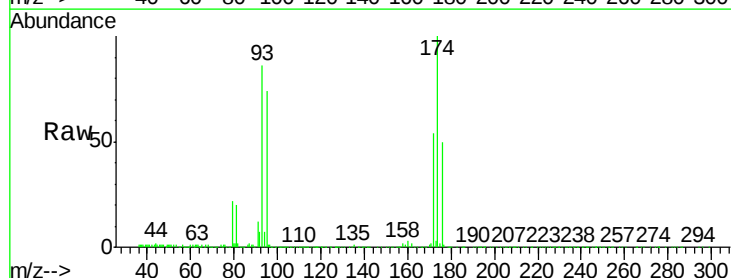
Tgt Ion: 93 Resp: 74792

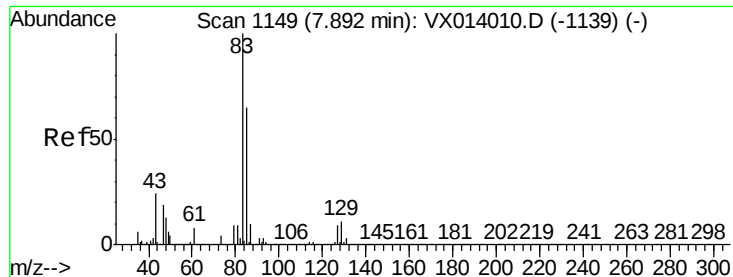
Ion Ratio Lower Upper

93 100

95 84.6 67.3 100.9

174 116.5 91.6 137.4





#47

Bromodichloromethane

Concen: 19.079 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX014053.D

Acq: 17 Dec 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS01

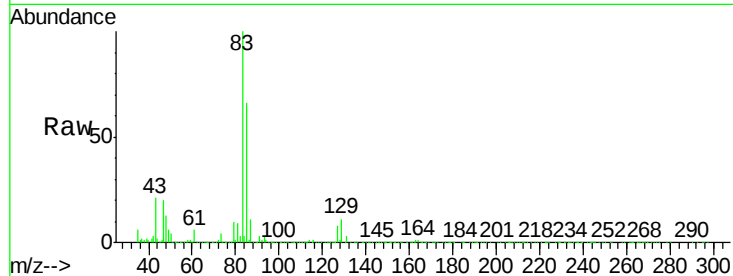
Tot Ion: 83 Resp: 145162

Ion Ratio Lower Upper

83 100

85 65.4 51.8 77.8

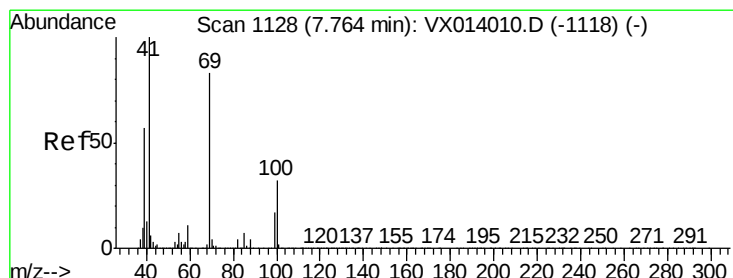
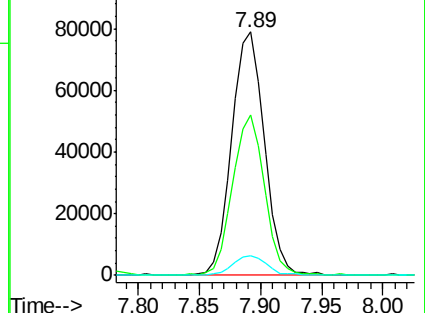
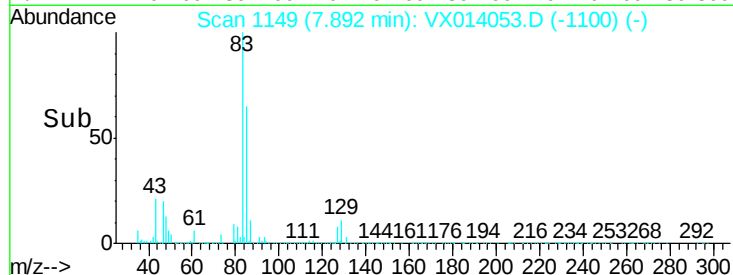
127 8.2 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.009 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX014053.D

Acq: 17 Dec 2019 15:44

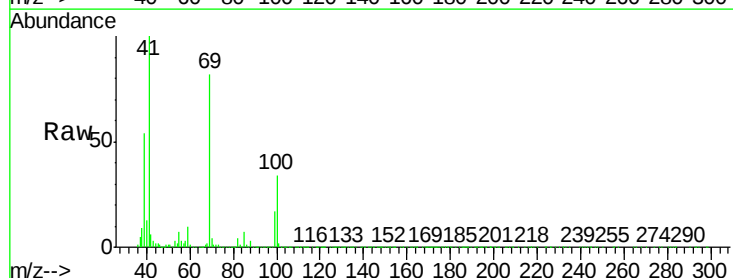
Tgt Ion: 41 Resp: 131804

Ion Ratio Lower Upper

41 100

69 79.7 65.8 98.6

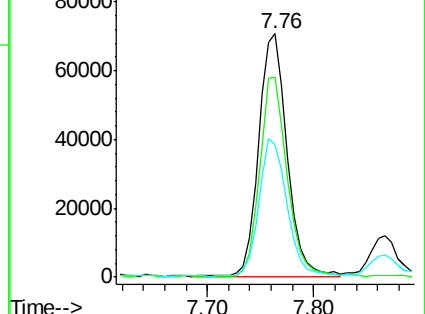
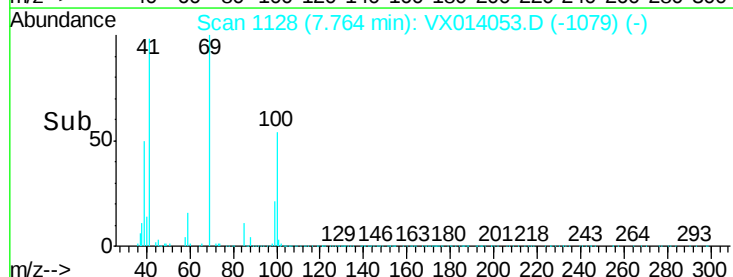
39 56.1 44.6 67.0

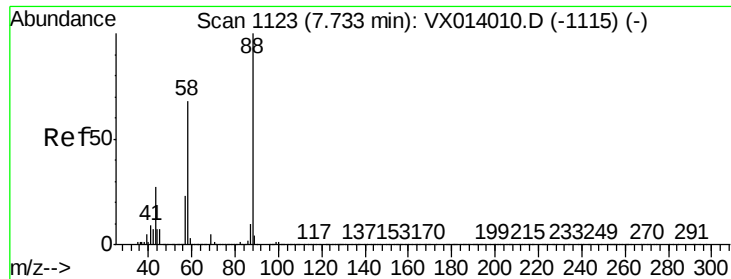


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 399.745 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX014053.D

Acq: 17 Dec 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS01

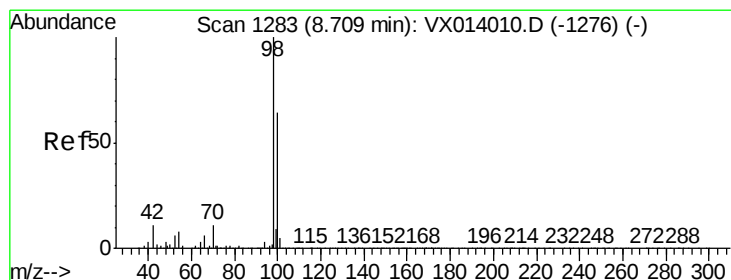
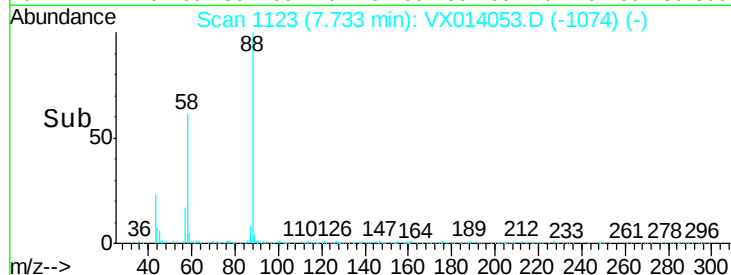
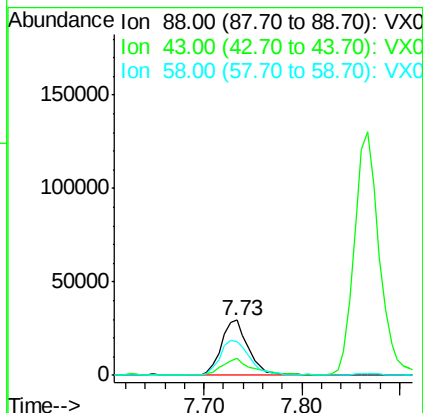
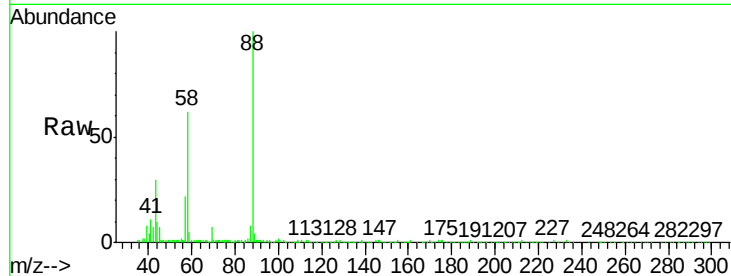
Tot Ion: 88 Resp: 56405

Ion Ratio Lower Upper

88 100

43 32.3 26.5 39.7

58 68.3 56.8 85.2



#50

Toluene-d8

Concen: 49.886 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014053.D

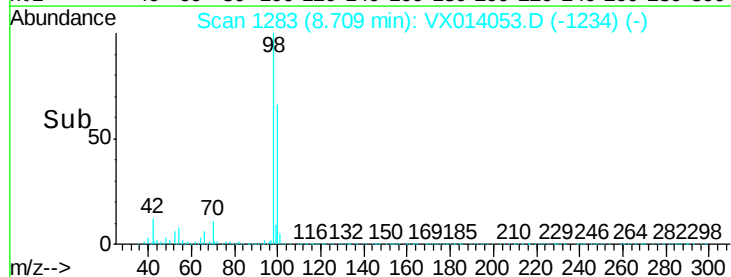
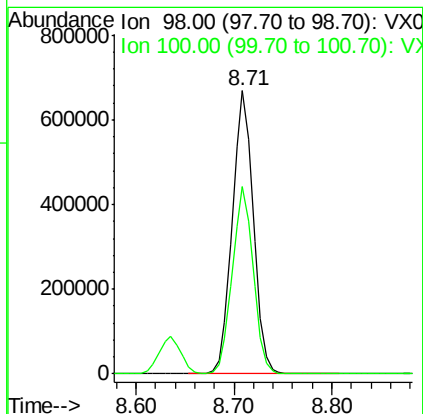
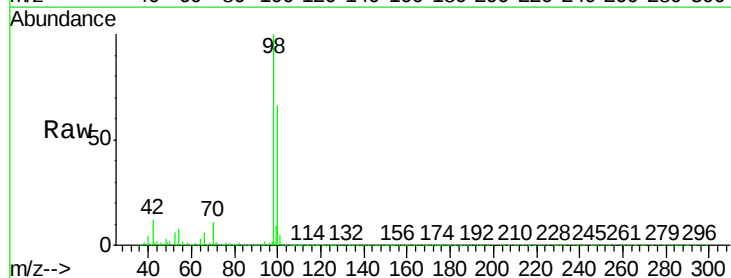
Acq: 17 Dec 2019 15:44

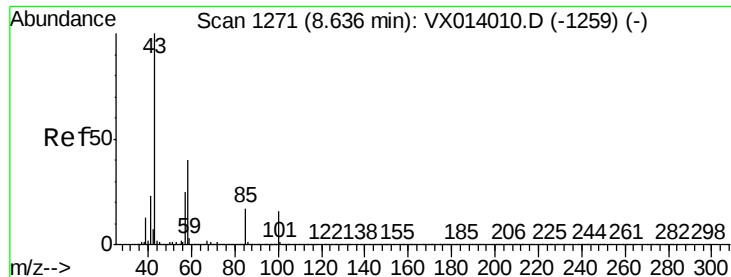
Tgt Ion: 98 Resp: 996967

Ion Ratio Lower Upper

98 100

100 65.7 52.9 79.3

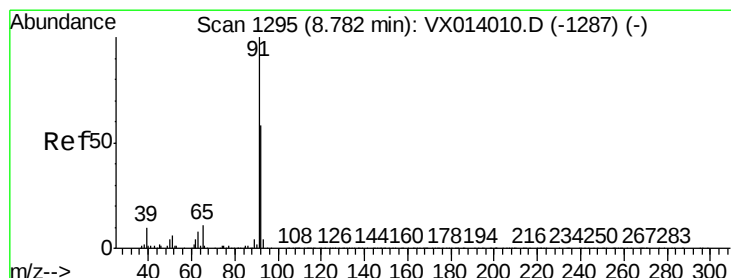
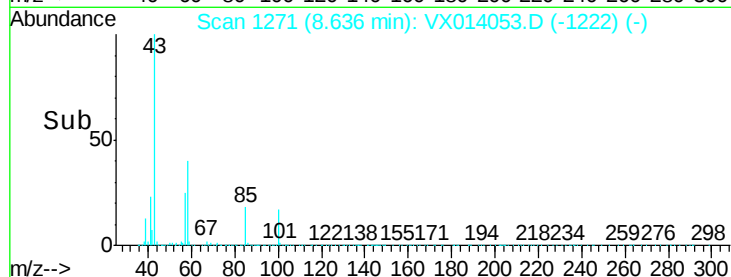
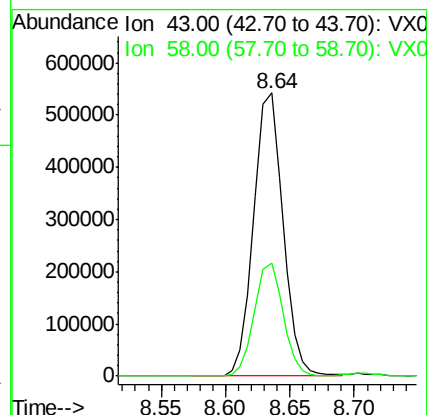
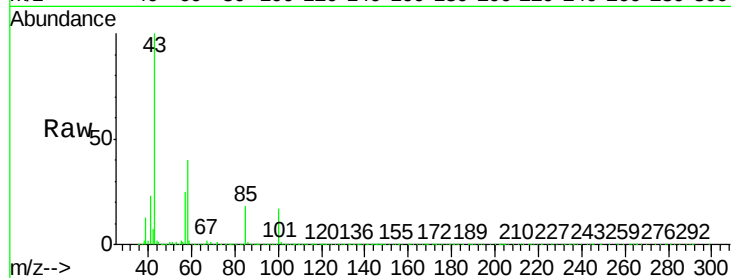




#51
4-Methyl-2-Pentanone
Concen: 96.075 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX014053.D
Acq: 17 Dec 2019 15:44

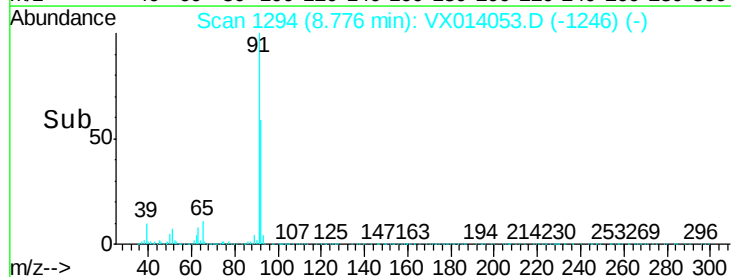
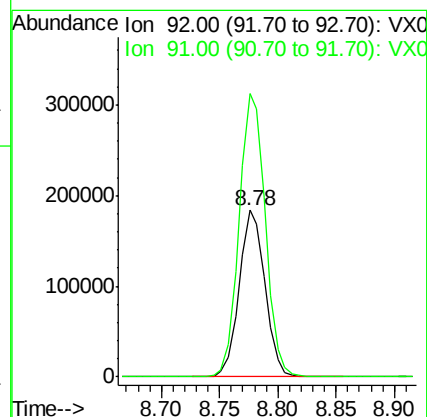
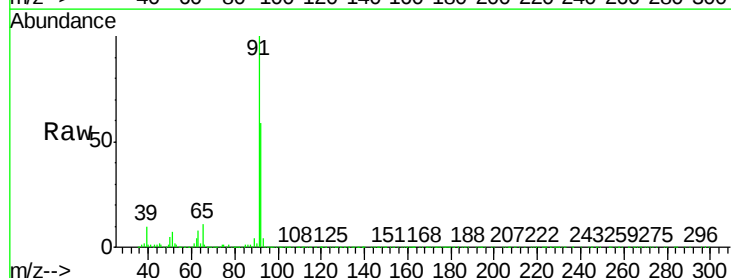
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS01

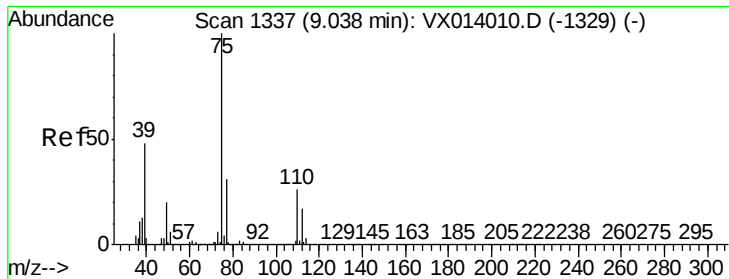
Tot Ion: 43 Resp: 854359
Ion Ratio Lower Upper
43 100
58 39.5 32.2 48.2



#52
Toluene
Concen: 18.762 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX014053.D
Acq: 17 Dec 2019 15:44

Tgt Ion: 92 Resp: 282719
Ion Ratio Lower Upper
92 100
91 173.5 136.2 204.4





#53

t-1,3-Dichloropropene

Concen: 18.734 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX014053.D

Acq: 17 Dec 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

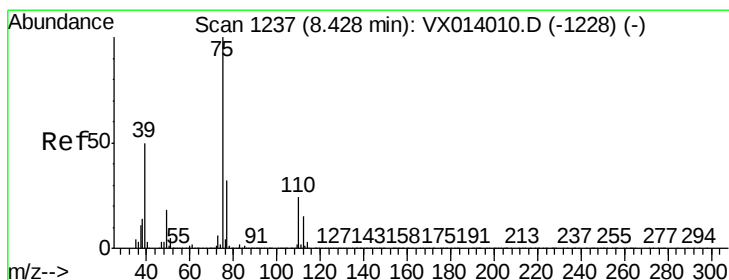
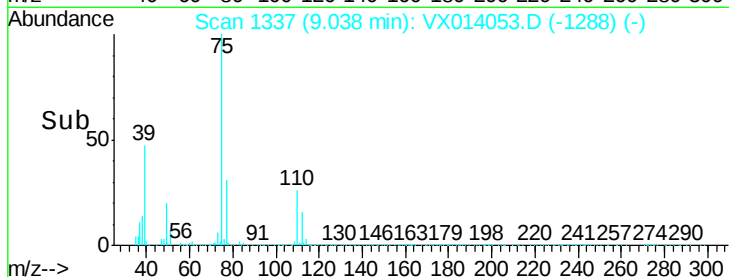
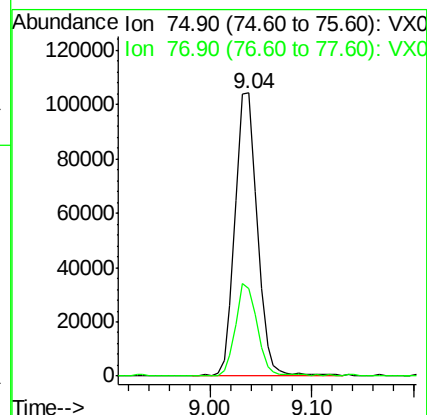
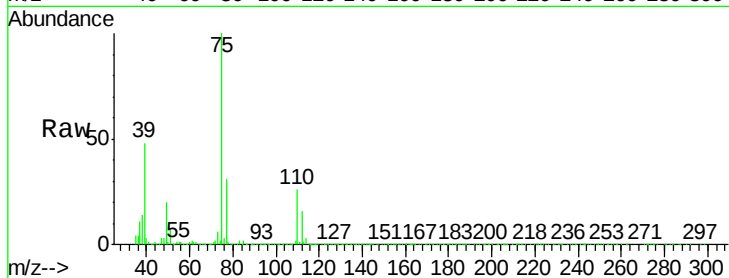
VX1217WBS01

Tot Ion: 75 Resp: 156291

Ion Ratio Lower Upper

75 100

77 30.9 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 19.220 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX014053.D

Acq: 17 Dec 2019 15:44

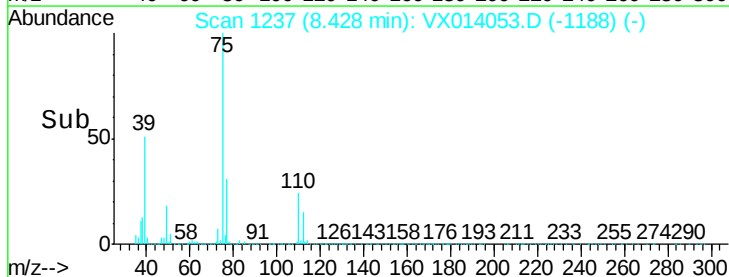
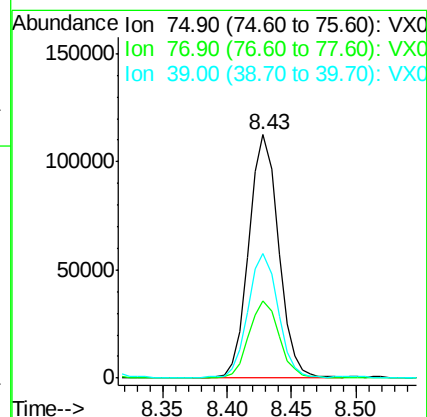
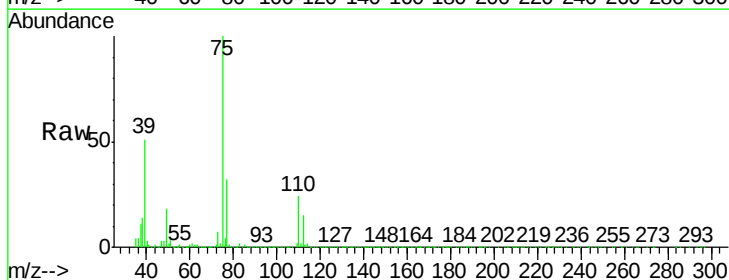
Tgt Ion: 75 Resp: 178637

Ion Ratio Lower Upper

75 100

77 31.4 25.3 37.9

39 51.1 39.9 59.9

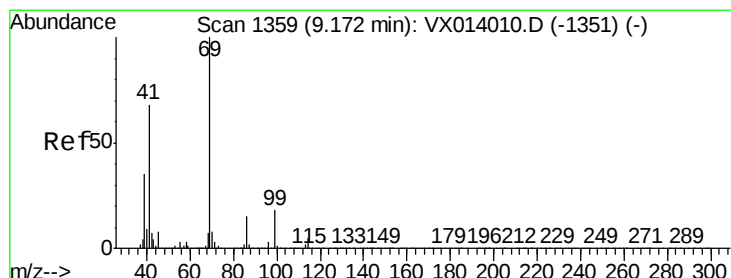
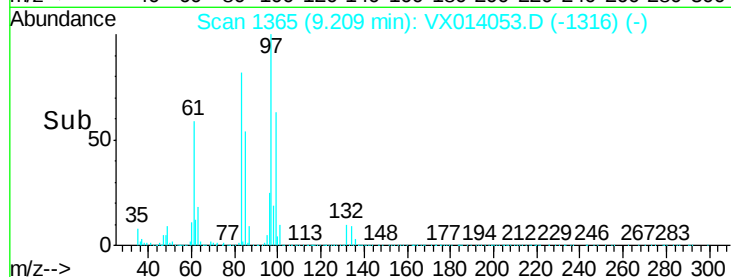
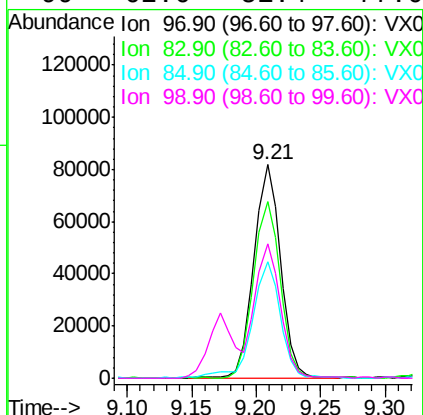
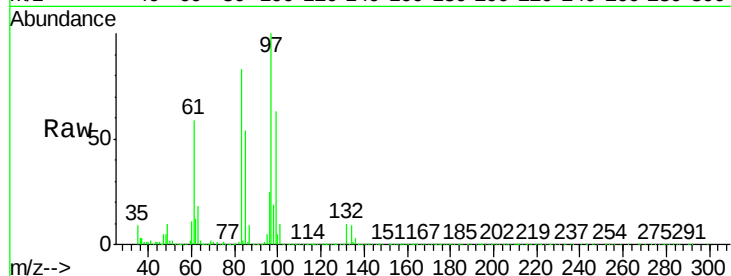




#55
 1,1,2-Trichloroethane
 Concen: 19.284 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX014053.D
 Acq: 17 Dec 2019 15:44

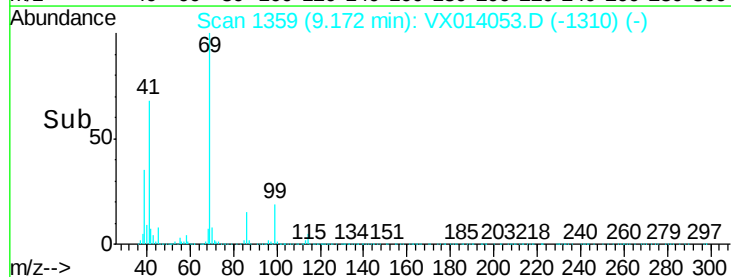
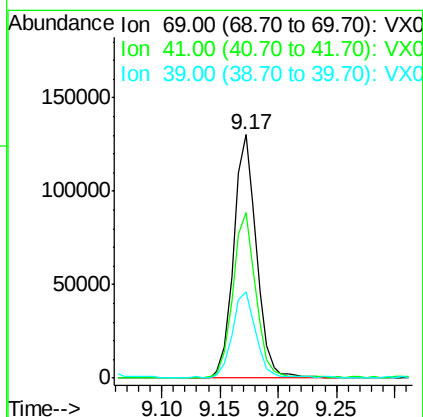
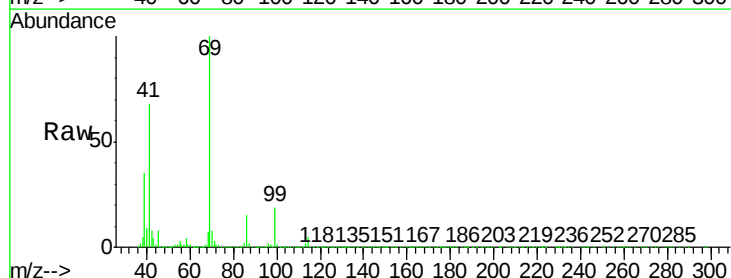
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBS01

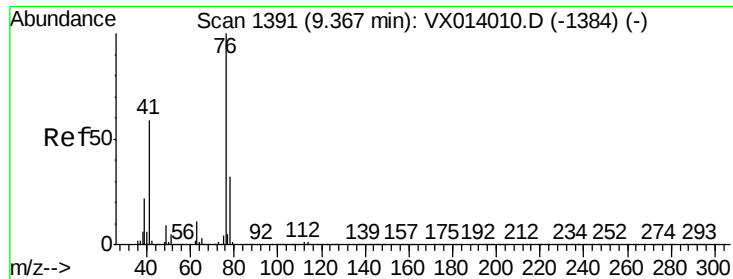
Tot Ion:	97	Resp:	116460
Ion	Ratio	Lower	Upper
97	100		
83	82.1	68.2	102.4
85	54.1	44.6	66.8
99	62.6	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 18.759 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX014053.D
 Acq: 17 Dec 2019 15:44

Tgt Ion:	69	Resp:	177958
Ion	Ratio	Lower	Upper
69	100		
41	67.9	54.8	82.2
39	35.4	28.3	42.5





#57

1,3-Dichloropropane

Concen: 19.299 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX014053.D

Acq: 17 Dec 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

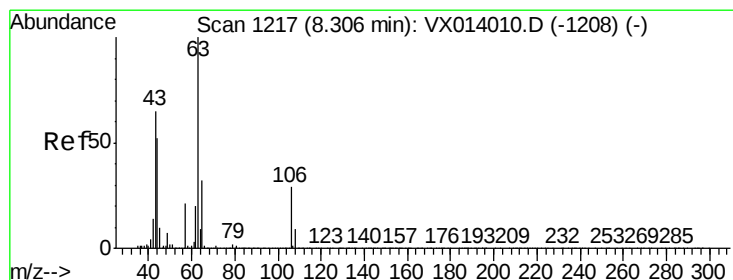
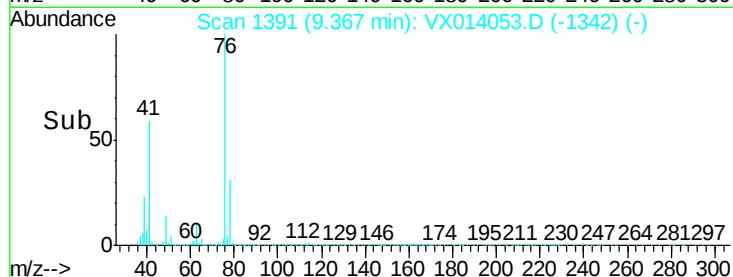
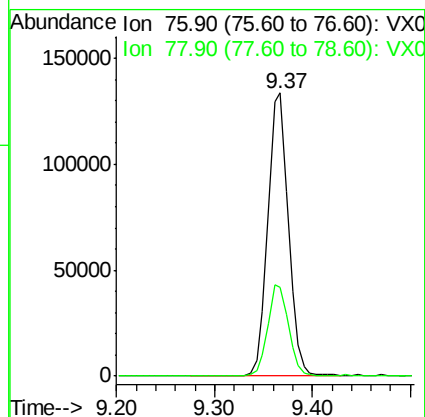
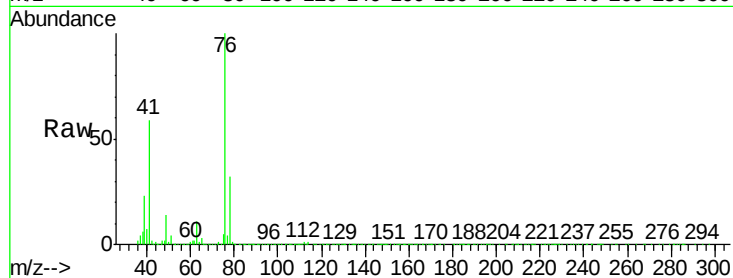
VX1217WBS01

Tot Ion: 76 Resp: 196098

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 100.267 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014053.D

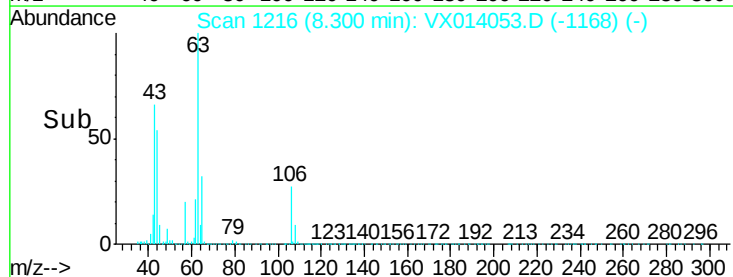
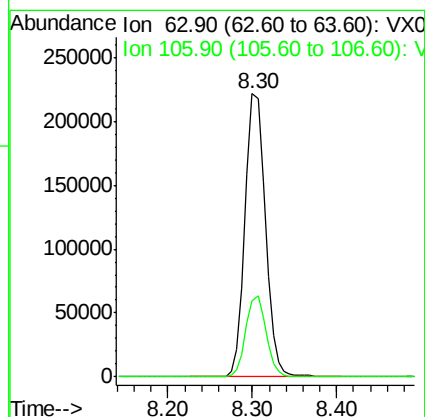
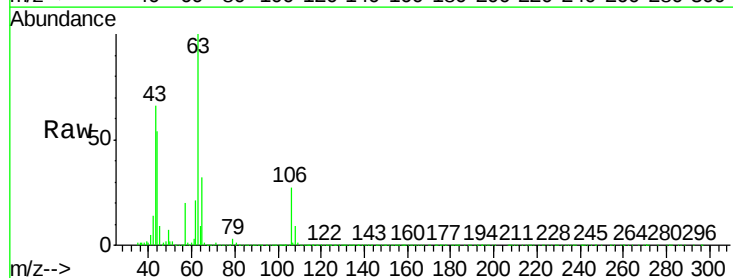
Acq: 17 Dec 2019 15:44

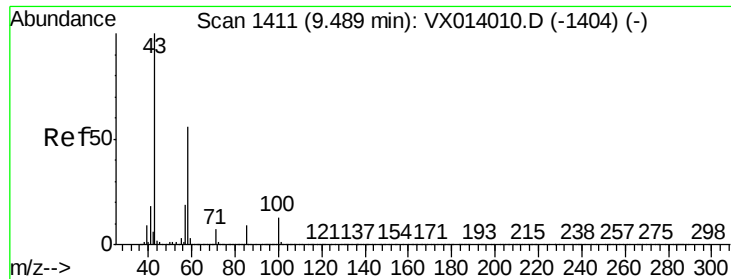
Tgt Ion: 63 Resp: 359969

Ion Ratio Lower Upper

63 100

106 28.1 23.0 34.6

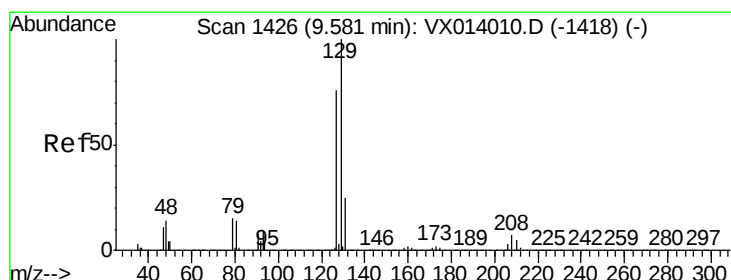
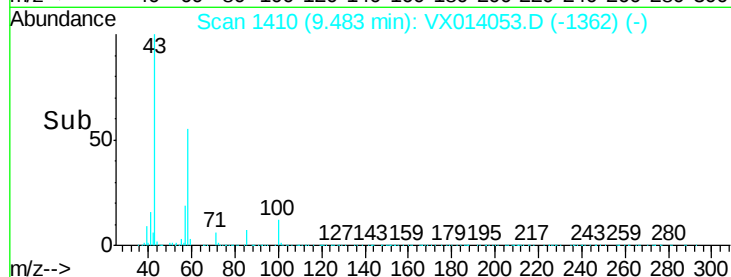
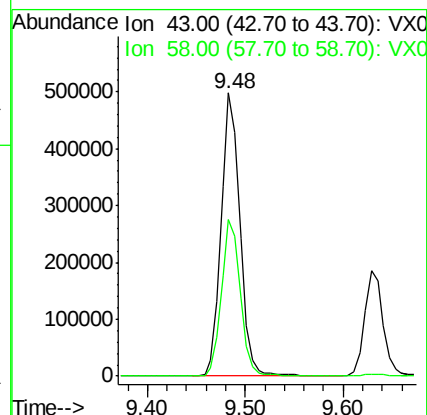
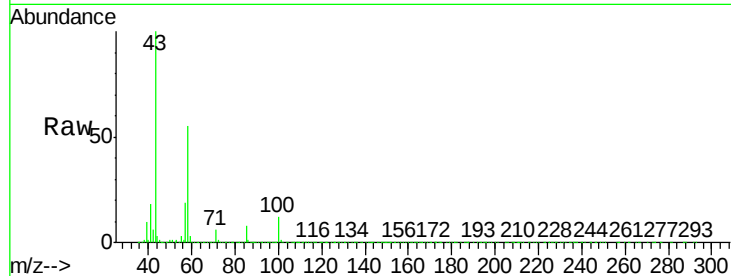




#59
2-Hexanone
Concen: 92.675 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014053.D
Acq: 17 Dec 2019 15:44

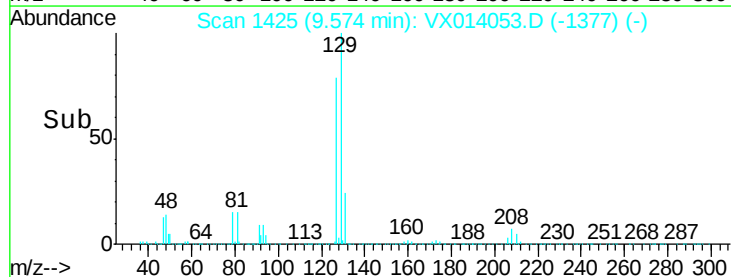
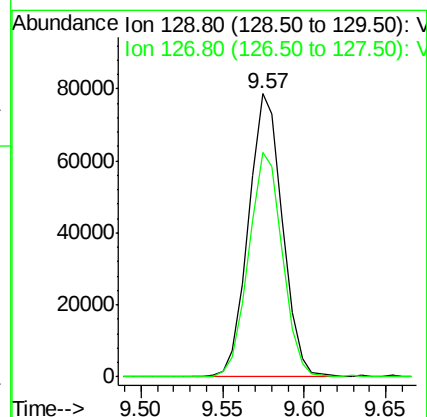
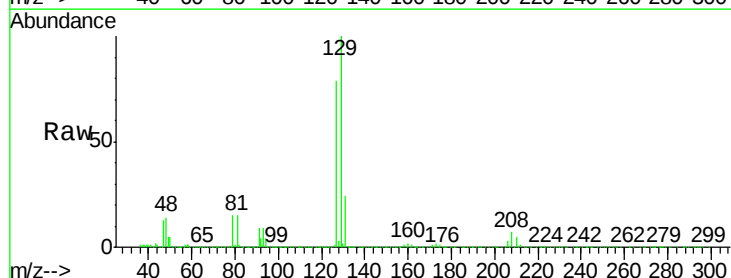
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS01

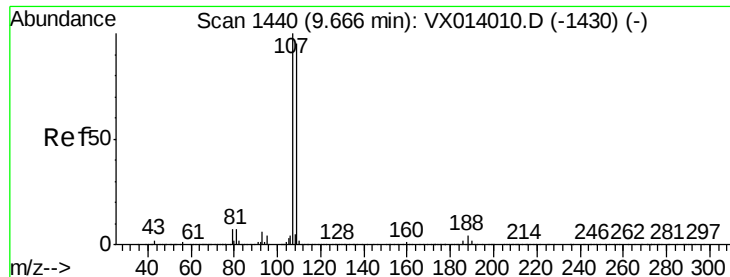
Tot Ion: 43 Resp: 663421
Ion Ratio Lower Upper
43 100
58 55.7 28.0 84.0



#60
Dibromochloromethane
Concen: 19.016 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014053.D
Acq: 17 Dec 2019 15:44

Tgt Ion: 129 Resp: 114158
Ion Ratio Lower Upper
129 100
127 78.9 38.4 115.2





#61

1,2-Dibromoethane

Concen: 19.473 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014053.D

Acq: 17 Dec 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

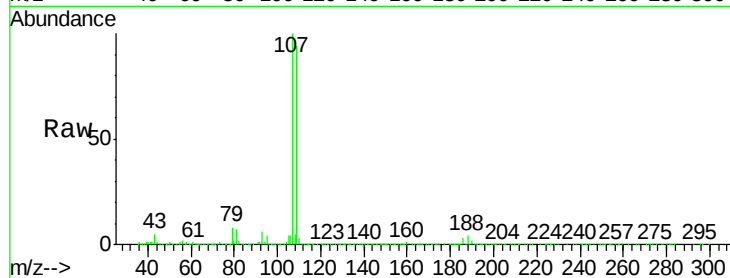
VX1217WBS01

Tot Ion:107 Resp: 120325

Ion Ratio Lower Upper

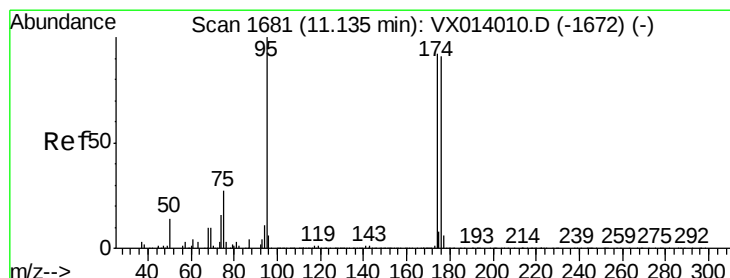
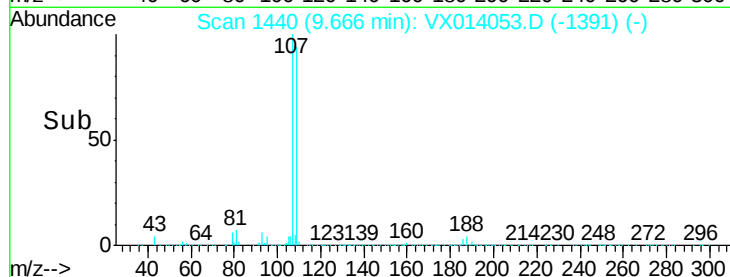
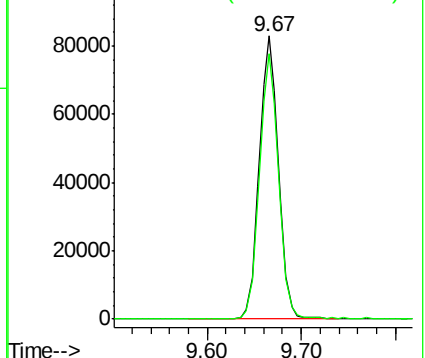
107 100

109 92.6 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.192 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014053.D

Acq: 17 Dec 2019 15:44

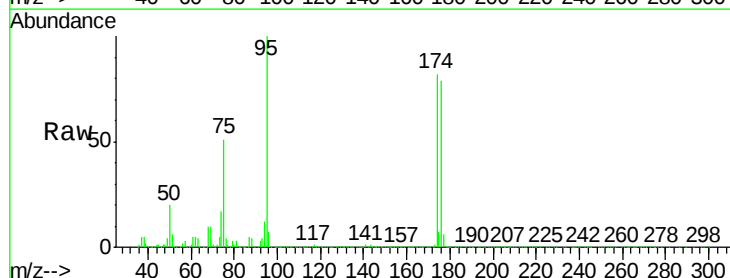
Tgt Ion: 95 Resp: 344754

Ion Ratio Lower Upper

95 100

174 89.0 0.0 175.8

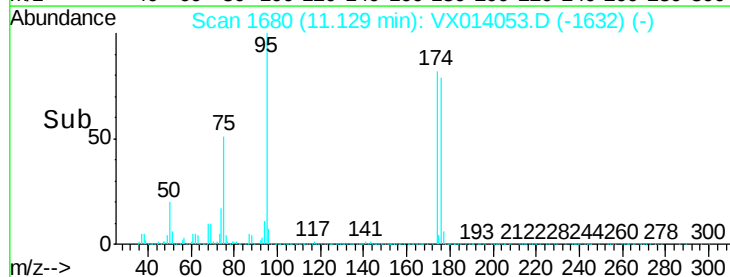
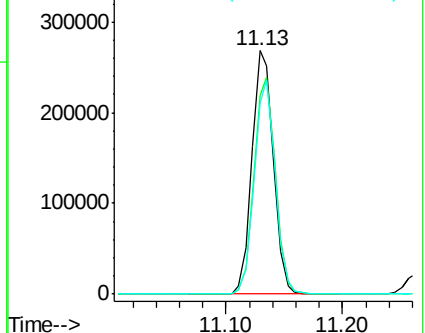
176 86.2 0.0 173.0



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

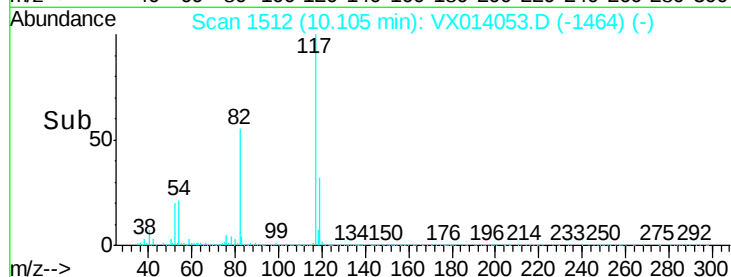
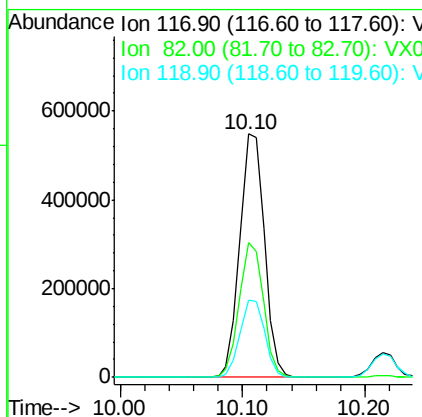
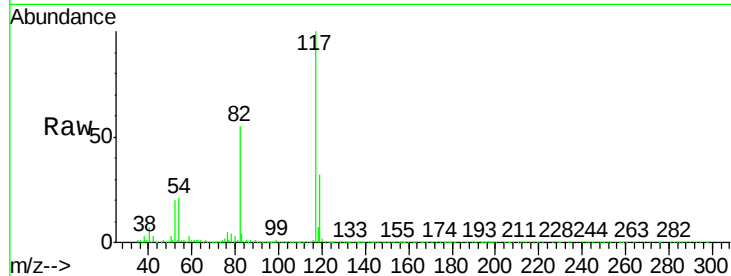




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014053.D
Acq: 17 Dec 2019 15:44

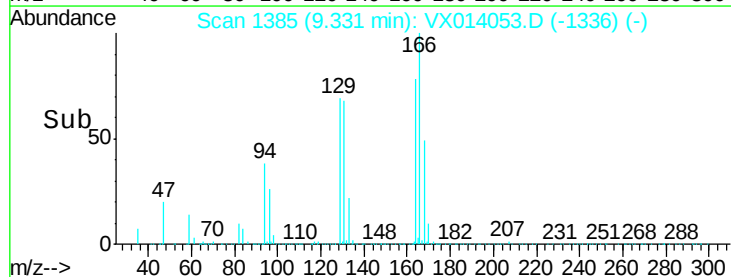
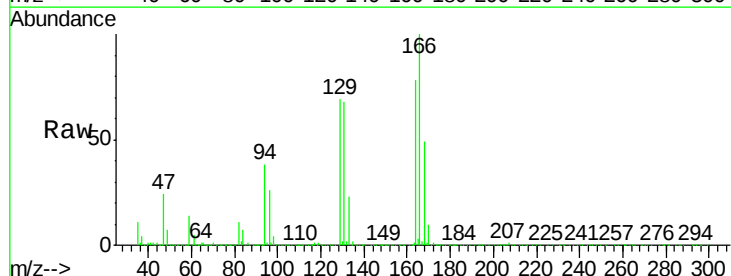
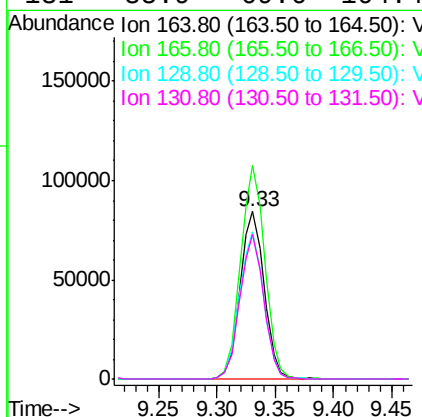
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS01

Tot Ion:117 Resp: 768433
Ion Ratio Lower Upper
117 100
82 55.2 42.2 63.4
119 31.9 25.1 37.7



#64
Tetrachloroethene
Concen: 17.972 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014053.D
Acq: 17 Dec 2019 15:44

Tgt Ion:164 Resp: 122206
Ion Ratio Lower Upper
164 100
166 127.3 104.0 156.0
129 87.8 72.2 108.4
131 85.9 69.6 104.4





#65

Chlorobenzene

Concen: 18.624 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX014053.D

Acq: 17 Dec 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

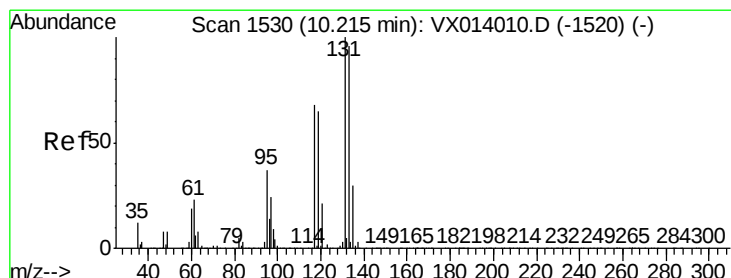
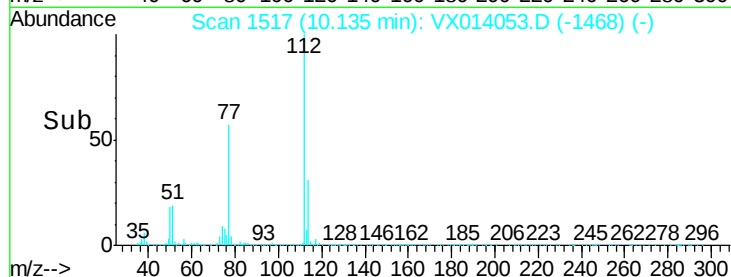
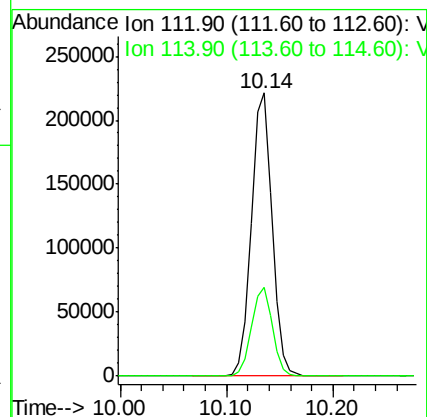
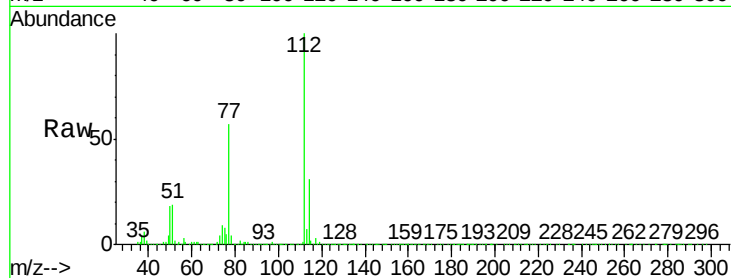
VX1217WBS01

Tot Ion:112 Resp: 304295

Ion Ratio Lower Upper

112 100

114 31.3 24.9 37.3



#66

1,1,1,2-Tetrachloroethane

Concen: 18.663 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX014053.D

Acq: 17 Dec 2019 15:44

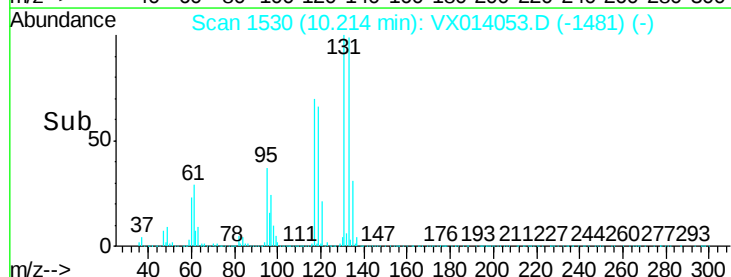
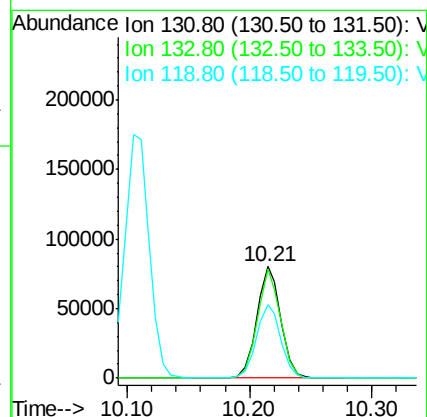
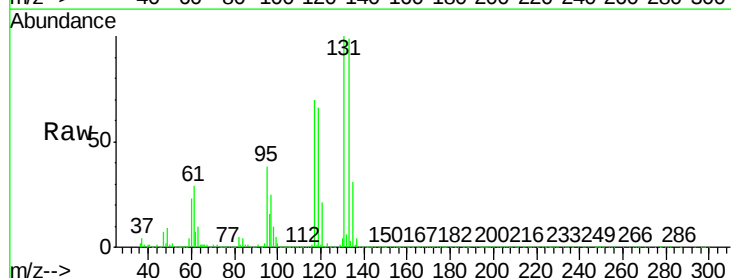
Tgt Ion:131 Resp: 108879

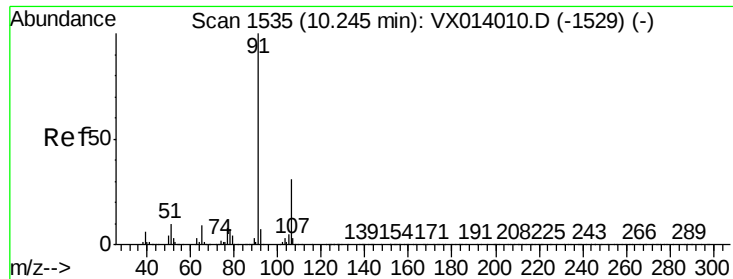
Ion Ratio Lower Upper

131 100

133 94.7 48.0 144.0

119 66.9 33.4 100.2

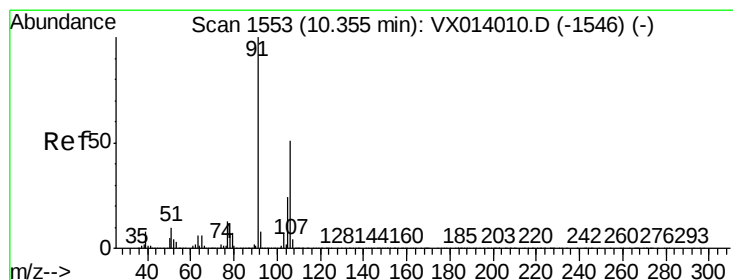
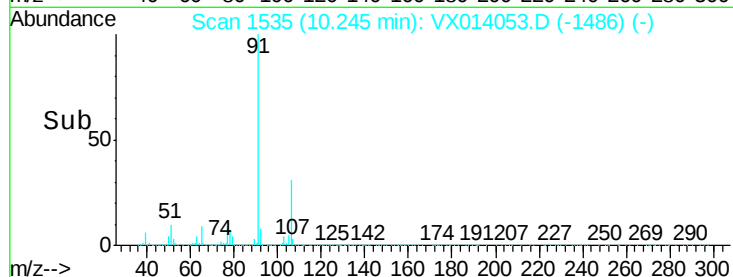
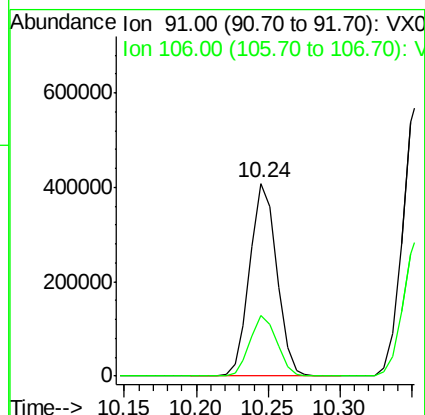
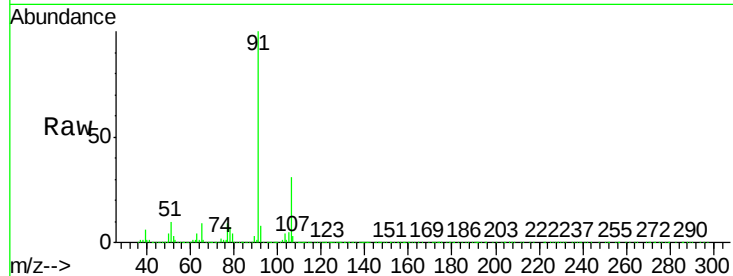




#67
Ethyl Benzene
Concen: 18.828 ug/l
RT: 10.24 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX014053.D
Acq: 17 Dec 2019 15:44

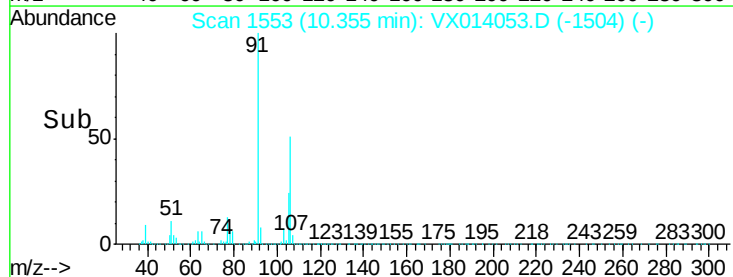
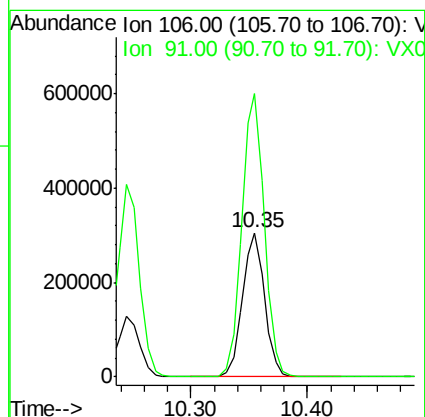
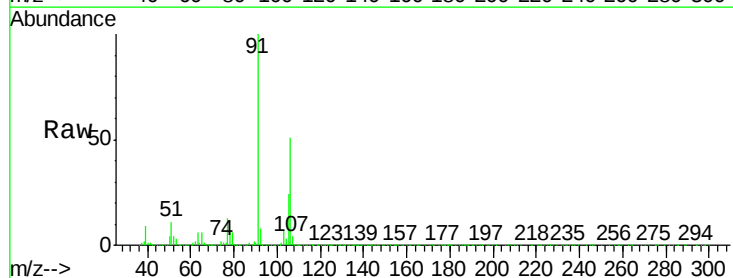
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS01

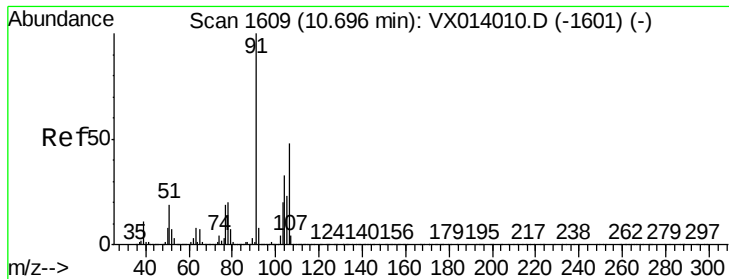
Tot Ion: 91 Resp: 528876
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.6



#68
m/p-Xylenes
Concen: 37.410 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014053.D
Acq: 17 Dec 2019 15:44

Tgt Ion: 106 Resp: 404174
Ion Ratio Lower Upper
106 100
91 199.1 158.6 238.0

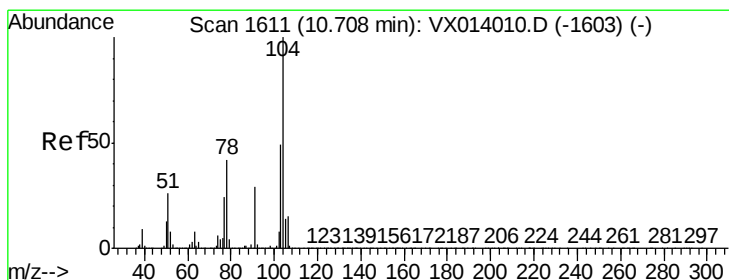
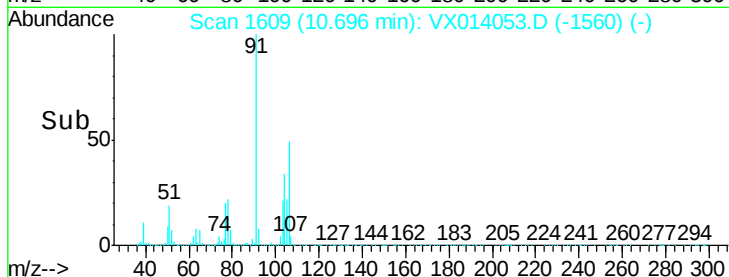
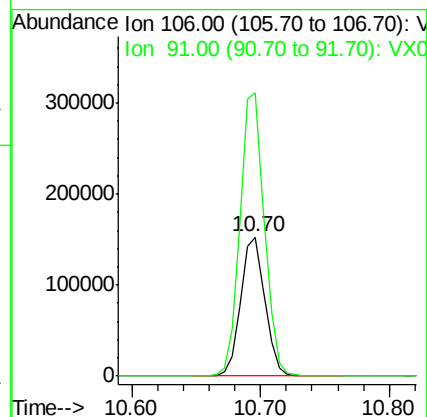
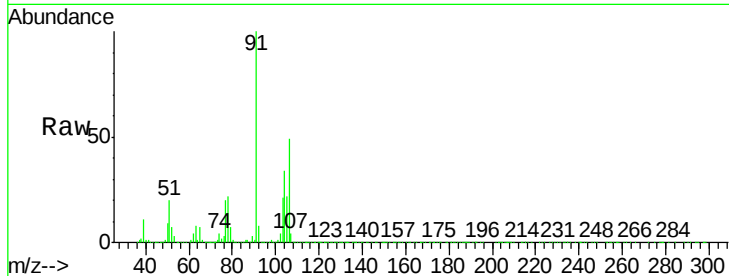




#69
o-Xylene
Concen: 18.789 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014053.D
Acq: 17 Dec 2019 15:44

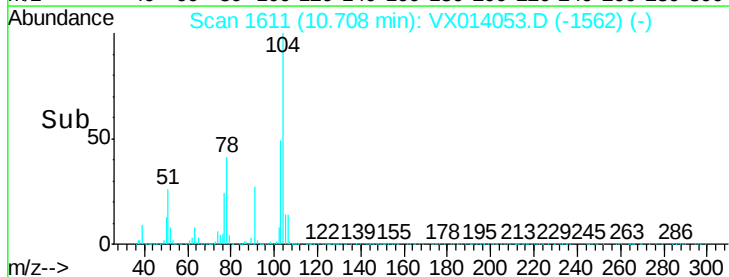
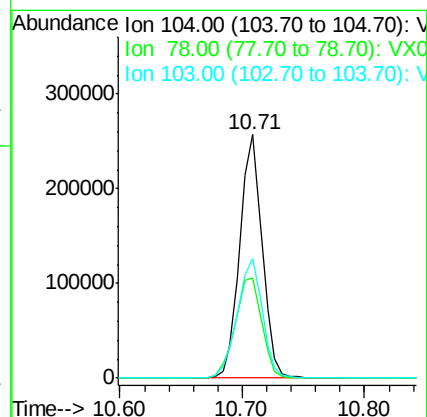
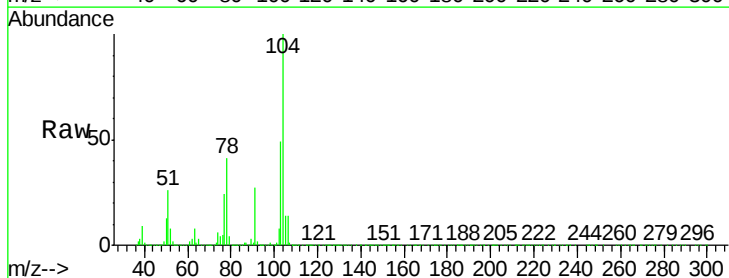
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS01

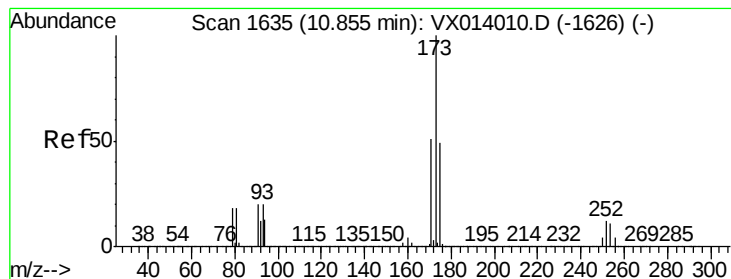
Tot Ion:106 Resp: 199086
Ion Ratio Lower Upper
106 100
91 205.7 104.2 312.6



#70
Styrene
Concen: 18.101 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014053.D
Acq: 17 Dec 2019 15:44

Tgt Ion:104 Resp: 324321
Ion Ratio Lower Upper
104 100
78 49.2 38.5 57.7
103 54.9 42.9 64.3





#71

Bromoform

Concen: 17.557 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX014053.D

Acq: 17 Dec 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS01

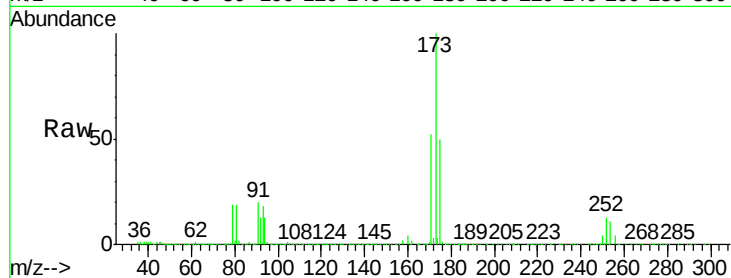
Tot Ion:173 Resp: 82332

Ion Ratio Lower Upper

173 100

175 50.6 24.4 73.4

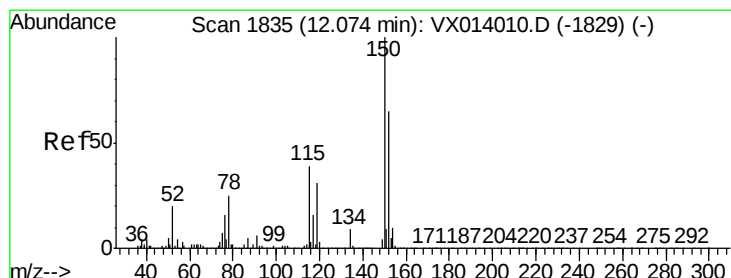
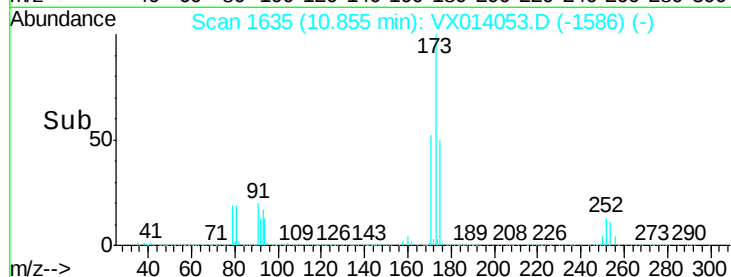
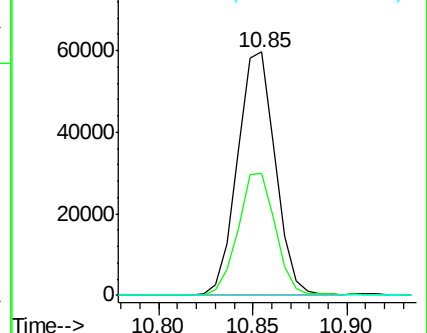
254 0.3 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX014053.D

Acq: 17 Dec 2019 15:44

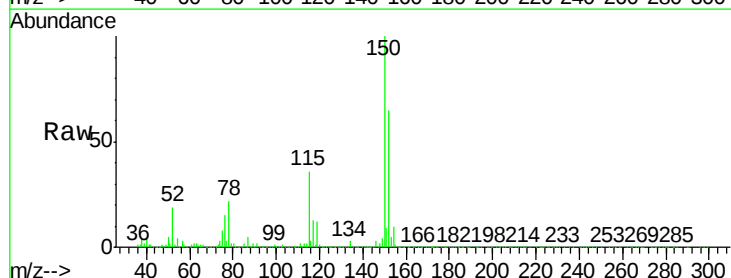
Tgt Ion:152 Resp: 371549

Ion Ratio Lower Upper

152 100

115 64.1 38.3 114.9

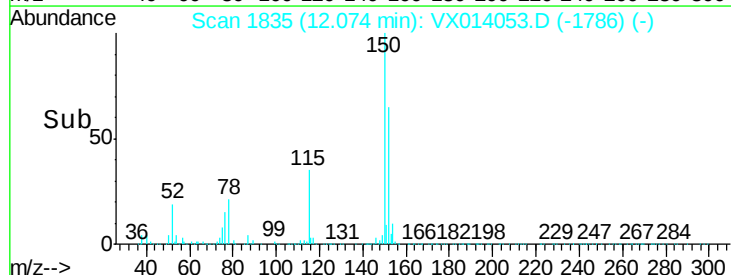
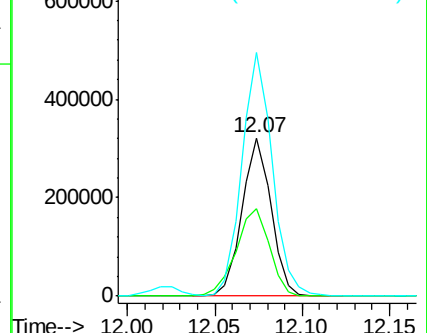
150 161.3 0.0 345.4

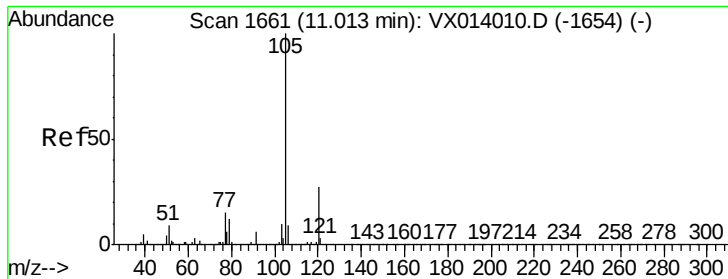


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.744 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014053.D

Acq: 17 Dec 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

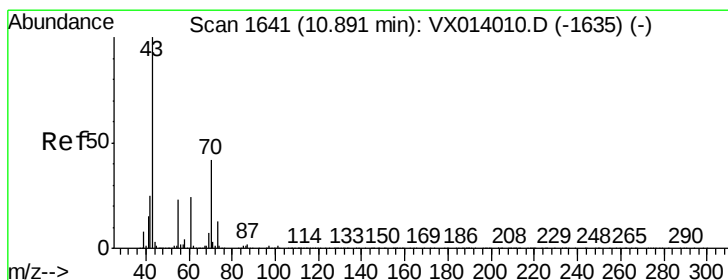
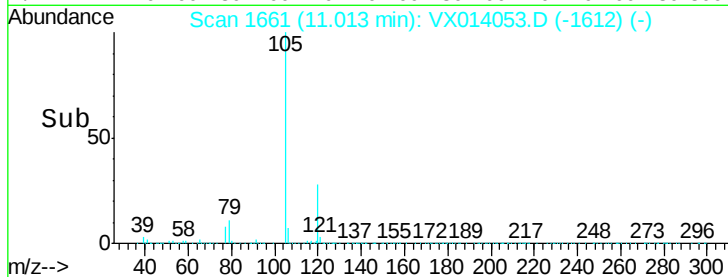
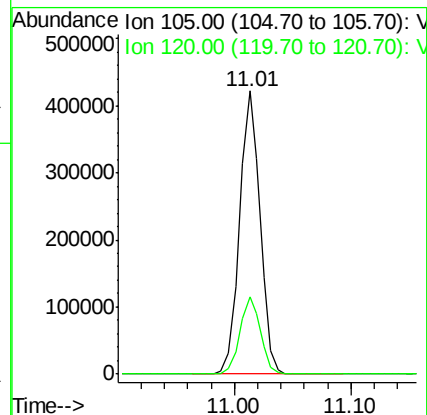
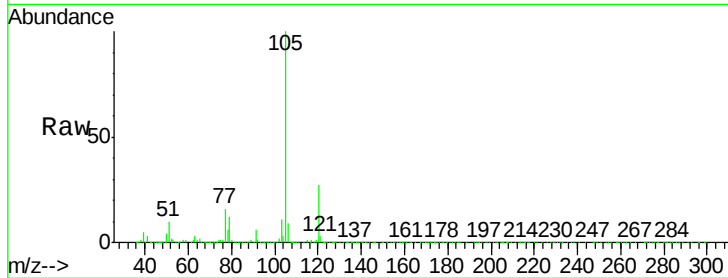
VX1217WBS01

Tot Ion:105 Resp: 516507

Ion Ratio Lower Upper

105 100

120 27.3 13.5 40.4



#74

N-ethyl acetate

Concen: 18.232 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014053.D

Acq: 17 Dec 2019 15:44

Tgt Ion: 43 Resp: 223566

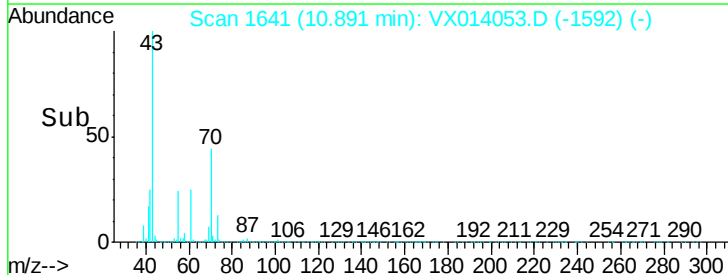
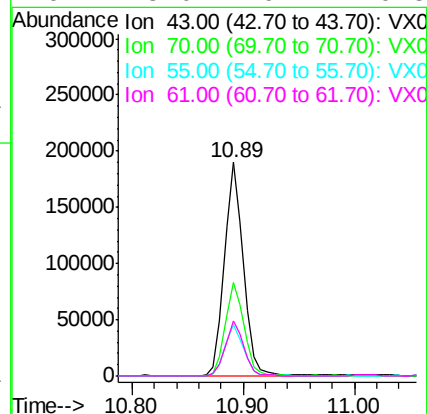
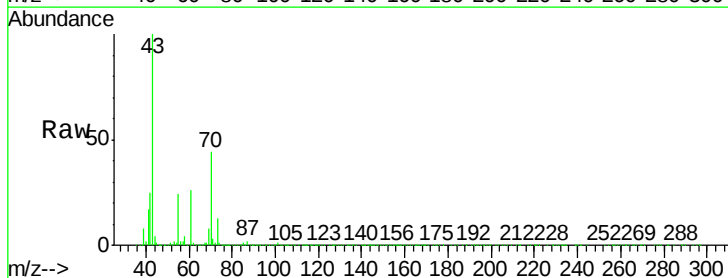
Ion Ratio Lower Upper

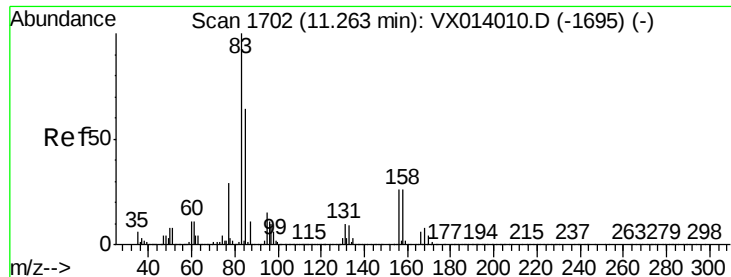
43 100

70 43.6 34.4 51.6

55 24.1 19.1 28.7

61 25.0 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.237 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014053.D

Acq: 17 Dec 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS01

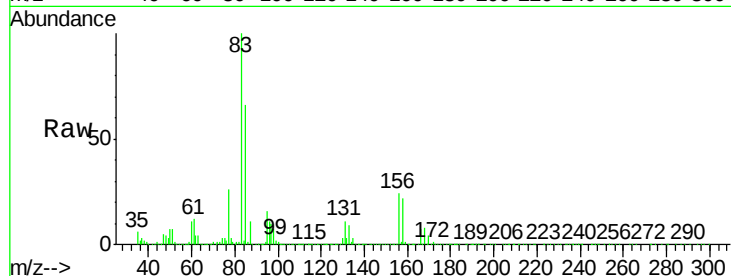
Tot Ion: 83 Resp: 174466

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.2

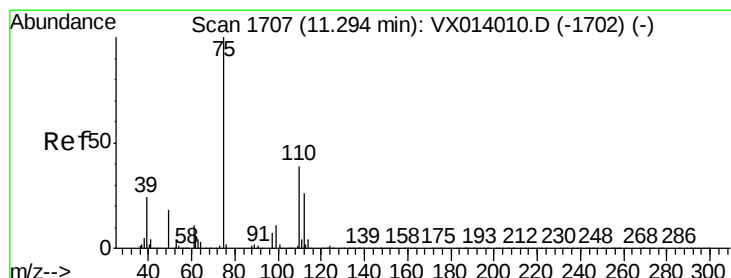
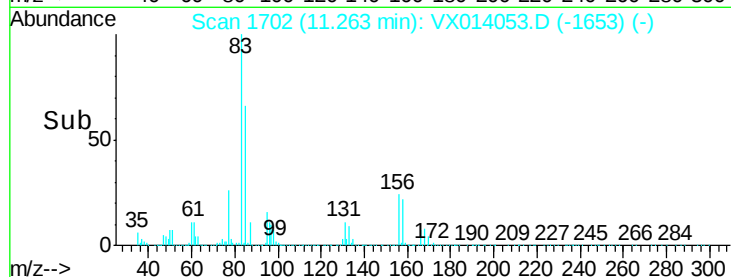
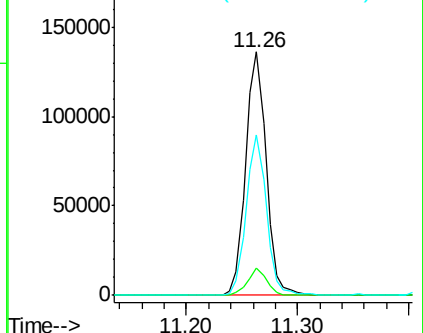
85 64.9 31.9 95.7



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: 17.425 ug/l m

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014053.D

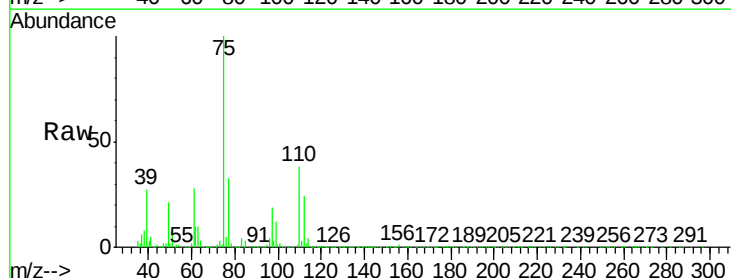
Acq: 17 Dec 2019 15:44

Tgt Ion: 75 Resp: 140553

Ion Ratio Lower Upper

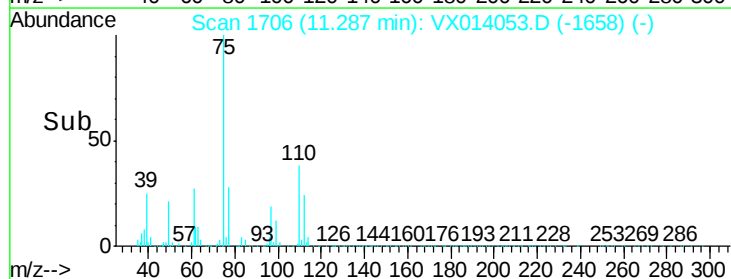
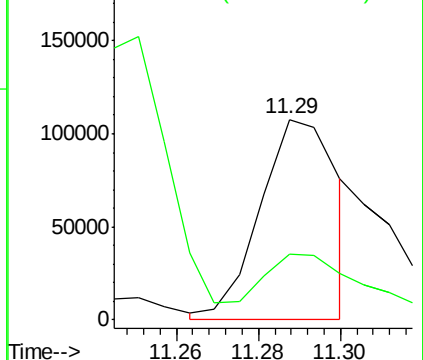
75 100

77 42.9 19.3 57.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.810 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014053.D

Acq: 17 Dec 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS01

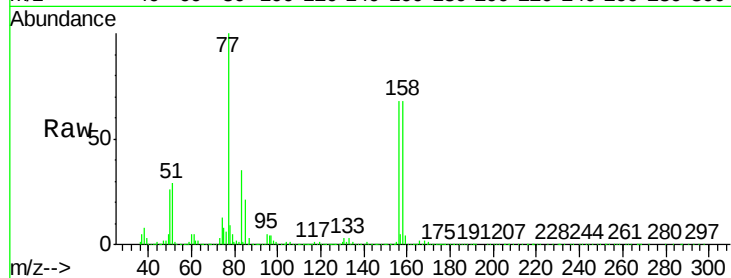
Tot Ion:156 Resp: 135388

Ion Ratio Lower Upper

156 100

77 149.3 76.5 229.5

158 97.4 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V

200000

150000

100000

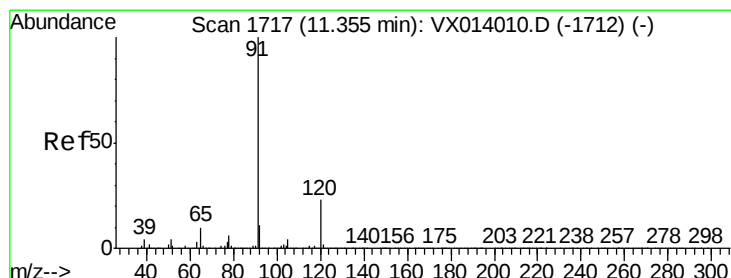
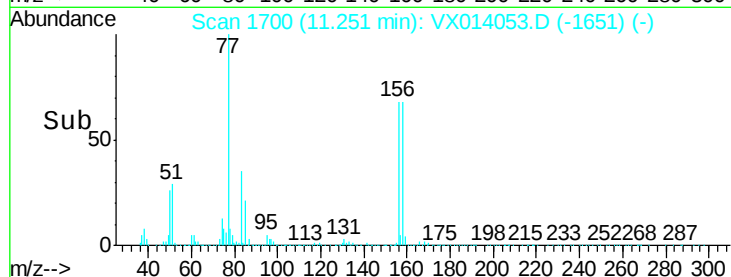
50000

0

11.20

11.30

Time-->



#78

n-propylbenzene

Concen: 19.782 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014053.D

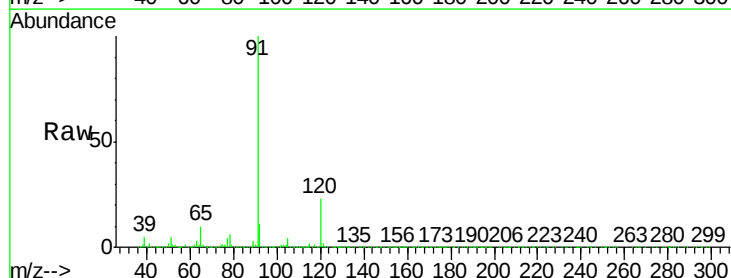
Acq: 17 Dec 2019 15:44

Tgt Ion: 91 Resp: 580474

Ion Ratio Lower Upper

91 100

120 23.2 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

500000

400000

300000

200000

100000

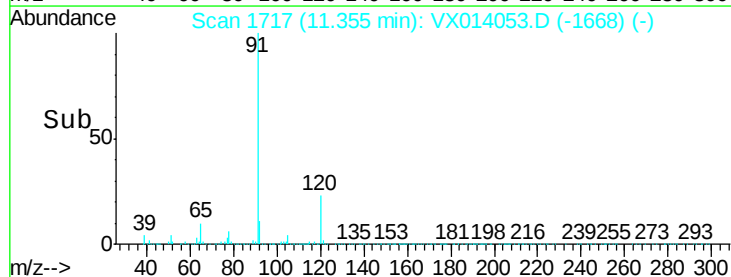
0

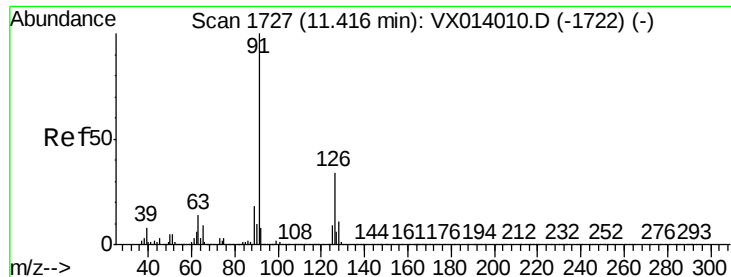
11.30

11.35

11.40

Time-->





#79

2-Chlorotoluene

Concen: 19.424 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX014053.D

Acq: 17 Dec 2019 15:44

Instrument :

MSVOA_X

ClientSampled :

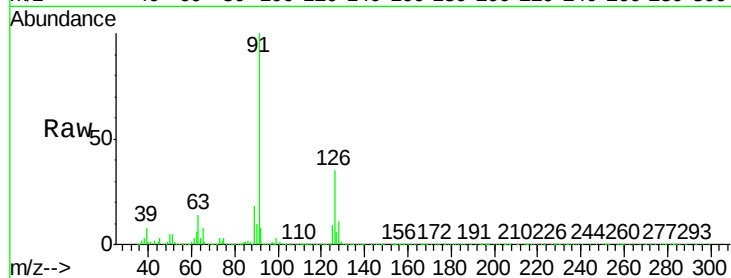
VX1217WBS01

Tot Ion: 91 Resp: 346465

Ion Ratio Lower Upper

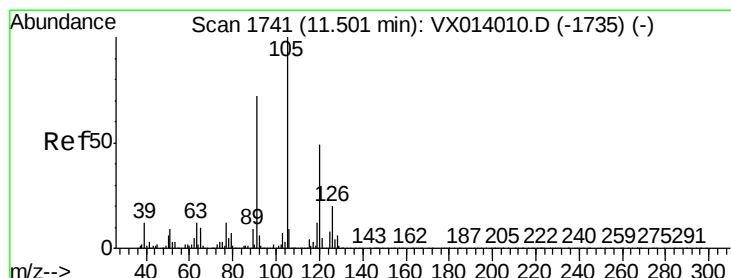
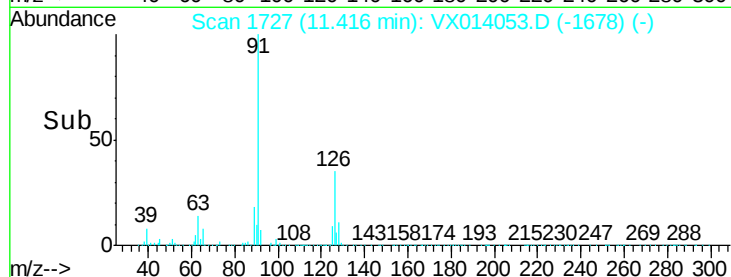
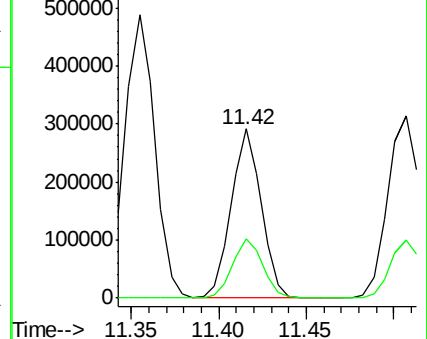
91 100

126 35.4 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.580 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX014053.D

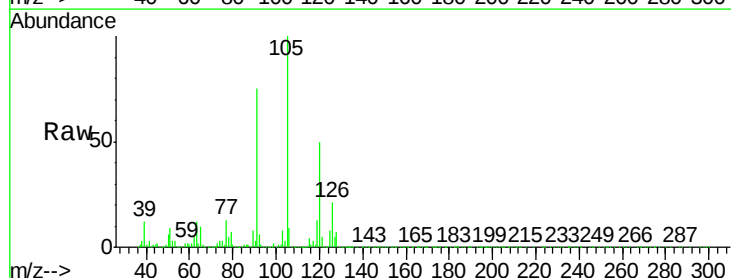
Acq: 17 Dec 2019 15:44

Tgt Ion: 105 Resp: 431069

Ion Ratio Lower Upper

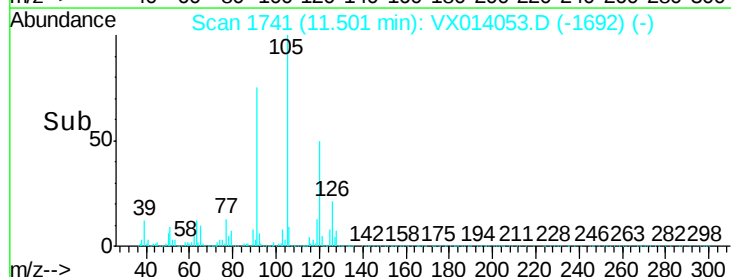
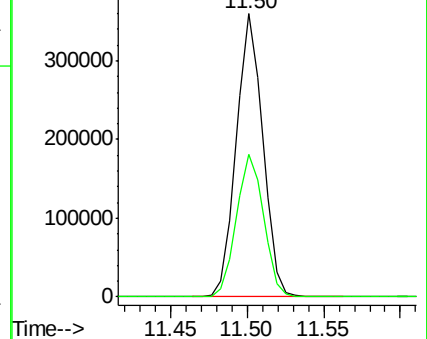
105 100

120 51.5 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

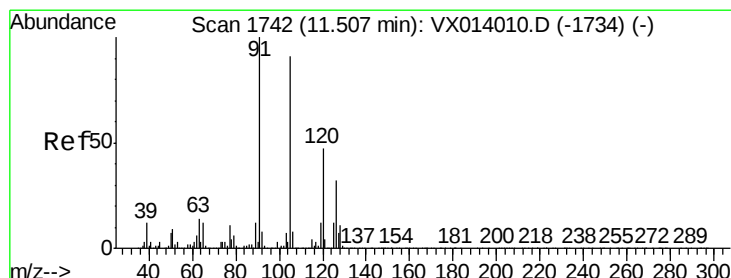
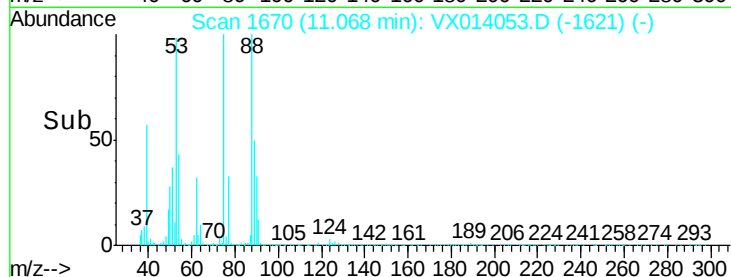
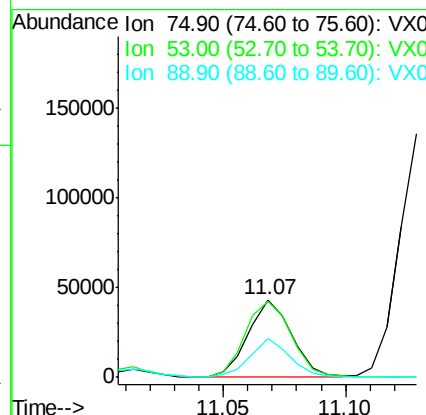
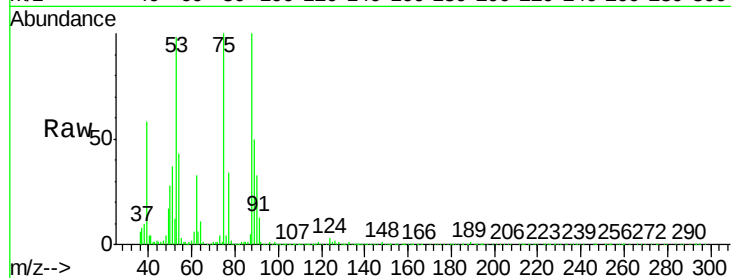




#81
trans-1,4-Dichloro-2-butene
Concen: 18.486 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX014053.D
Acq: 17 Dec 2019 15:44

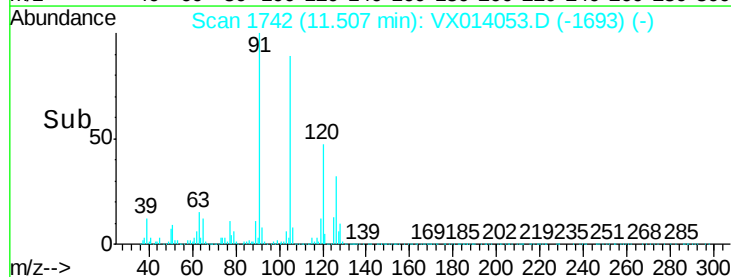
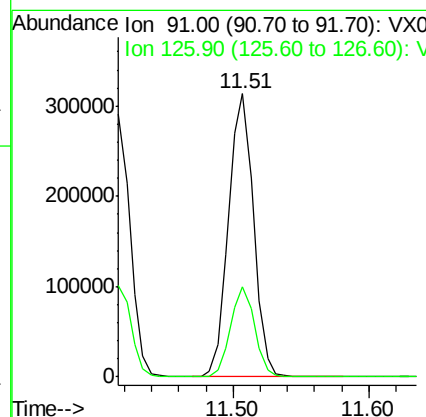
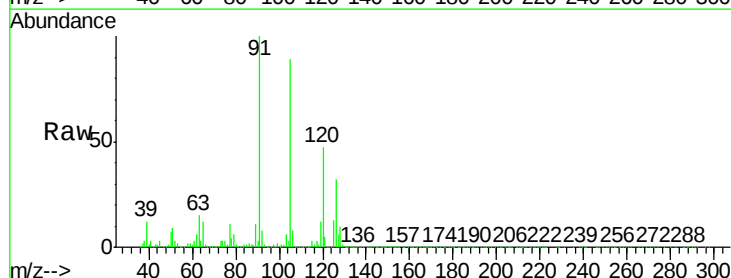
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS01

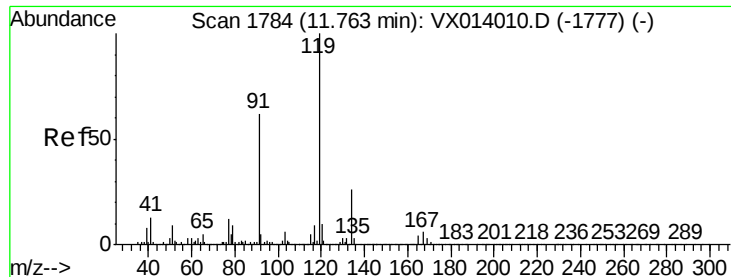
Tot Ion: 75 Resp: 52830
Ion Ratio Lower Upper
75 100
53 103.5 76.7 115.1
89 47.8 34.6 51.8



#82
4-Chlorotoluene
Concen: 19.204 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX014053.D
Acq: 17 Dec 2019 15:44

Tgt Ion: 91 Resp: 397323
Ion Ratio Lower Upper
91 100
126 30.7 15.6 46.8

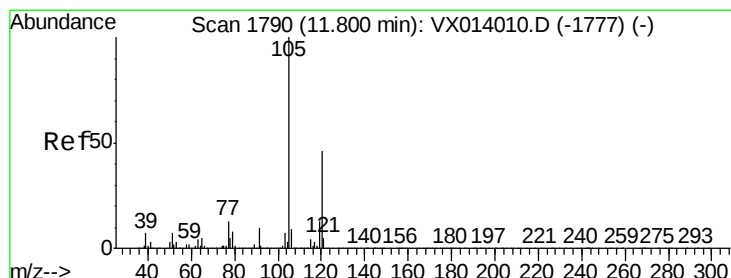
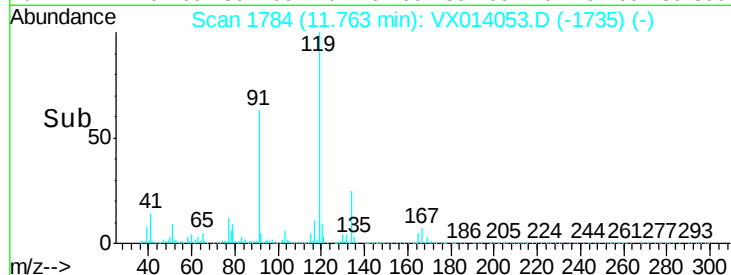
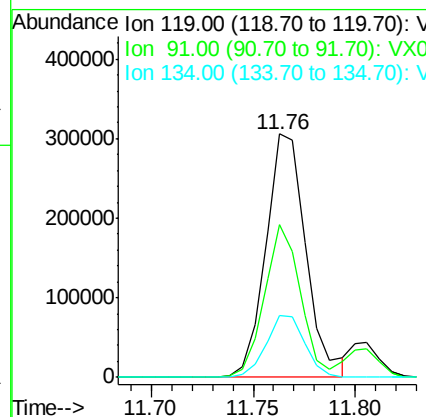
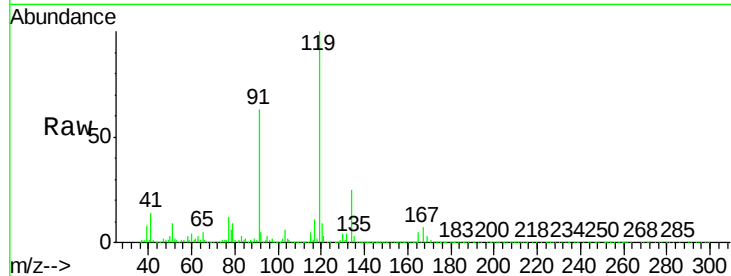




#83
tert-Butylbenzene
Concen: 19.584 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX014053.D
Acq: 17 Dec 2019 15:44

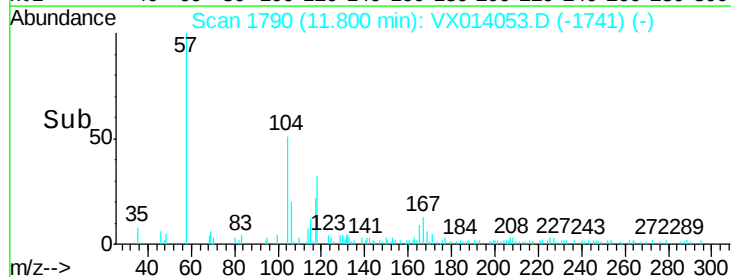
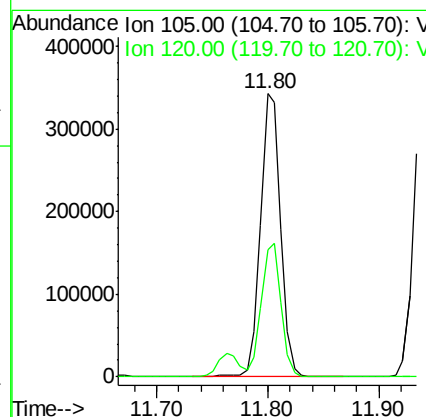
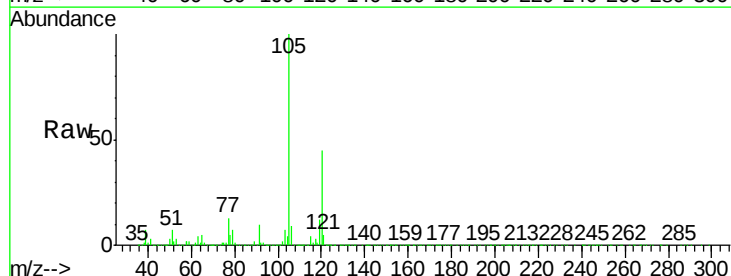
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS01

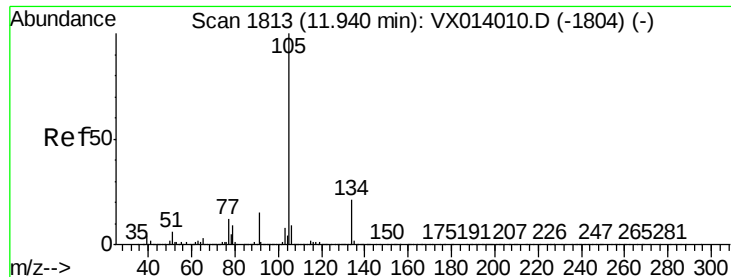
Tot Ion:119 Resp: 419600
Ion Ratio Lower Upper
119 100
91 56.0 28.5 85.6
134 24.6 12.2 36.6



#84
1,2,4-Trimethylbenzene
Concen: 19.524 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX014053.D
Acq: 17 Dec 2019 15:44

Tgt Ion:105 Resp: 430475
Ion Ratio Lower Upper
105 100
120 46.3 23.1 69.2





#85

sec-Butylbenzene

Concen: 19.700 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014053.D

Acq: 17 Dec 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

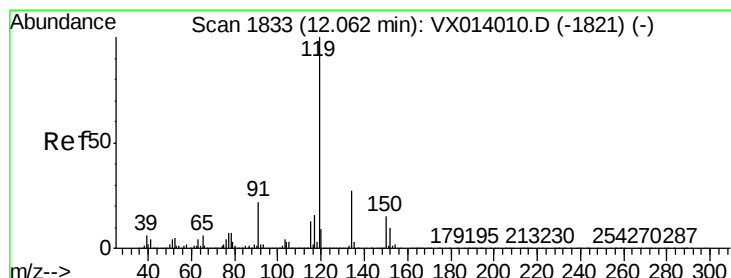
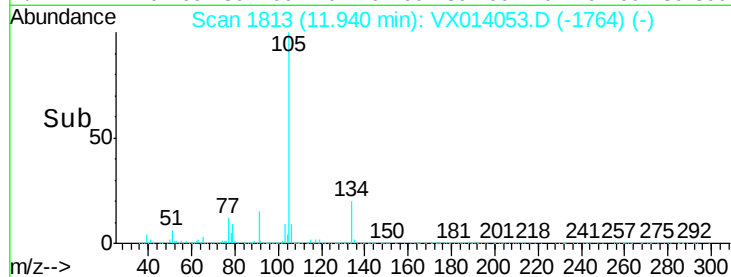
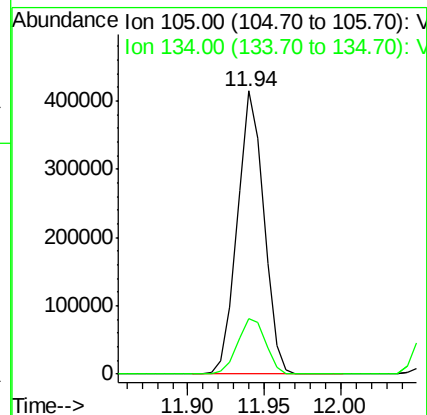
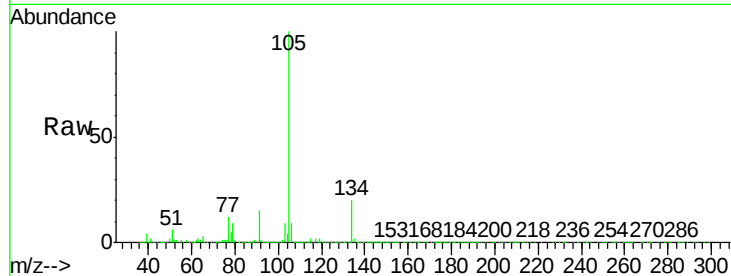
VX1217WBS01

Tot Ion:105 Resp: 498267

Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.1



#86

p-Isopropyltoluene

Concen: 19.861 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX014053.D

Acq: 17 Dec 2019 15:44

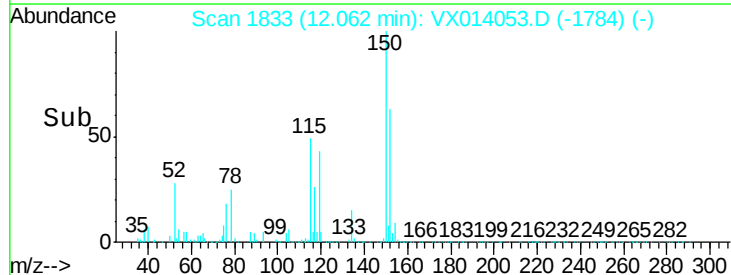
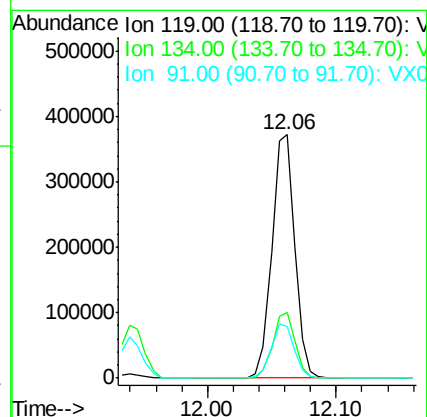
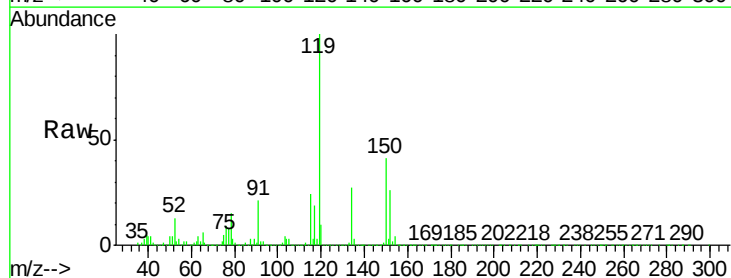
Tgt Ion:119 Resp: 459512

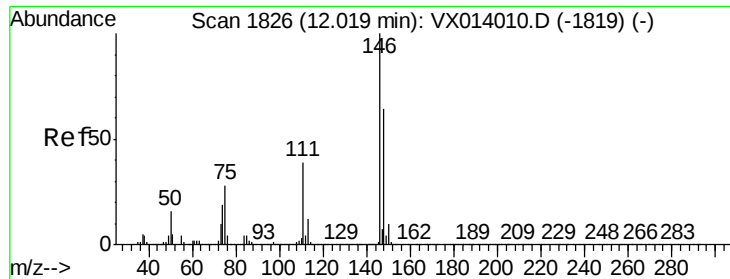
Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.1

91 22.4 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 18.444 ug/l

RT: 12.02 min Scan# 1826

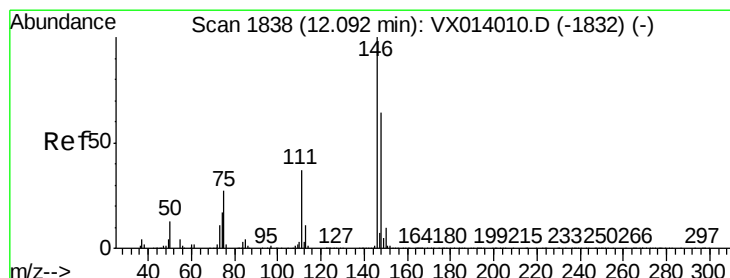
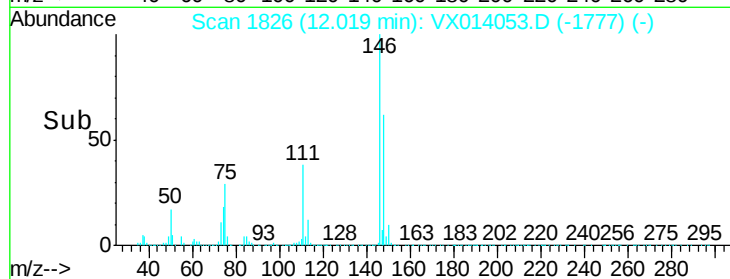
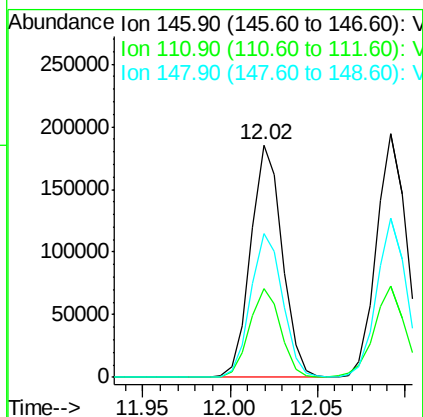
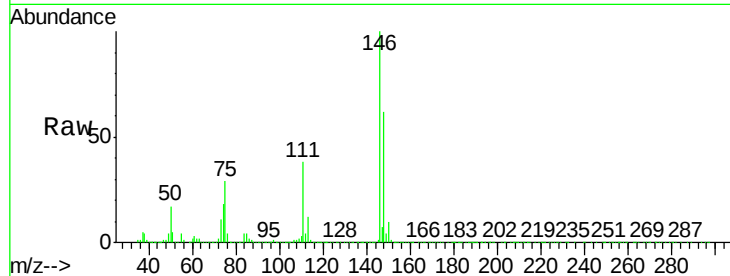
Delta R.T. -0.00 min

Lab File: VX014053.D

Acq: 17 Dec 2019 15:44

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.1	57.1
148	63.0	32.3	96.9



#88

1,4-Dichlorobenzene

Concen: 18.133 ug/l

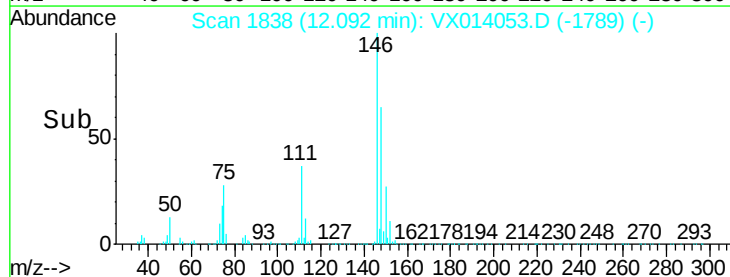
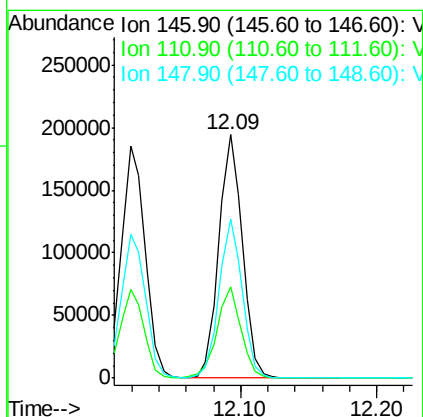
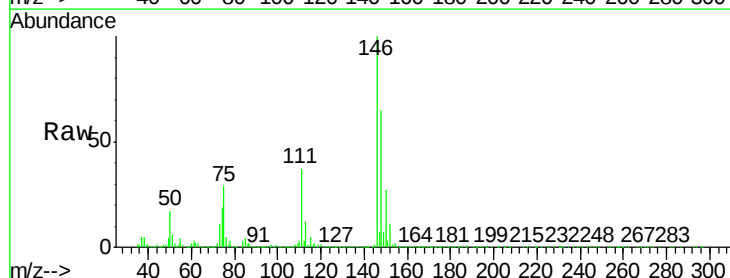
RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX014053.D

Acq: 17 Dec 2019 15:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.7	56.1
148	64.2	31.9	95.9





#89

n-Butylbenzene

Concen: 19.189 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014053.D

Acq: 17 Dec 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS01

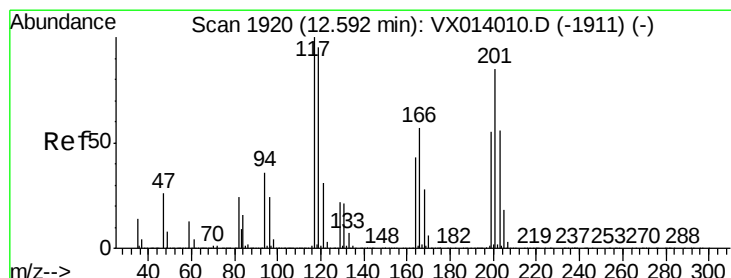
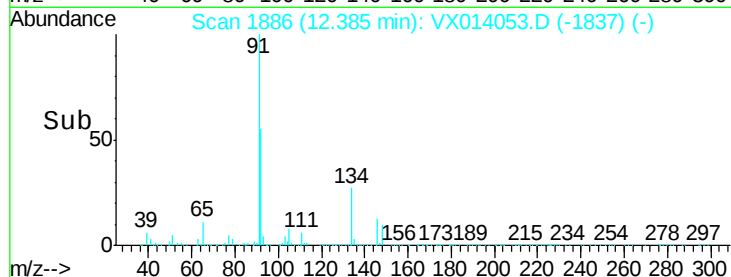
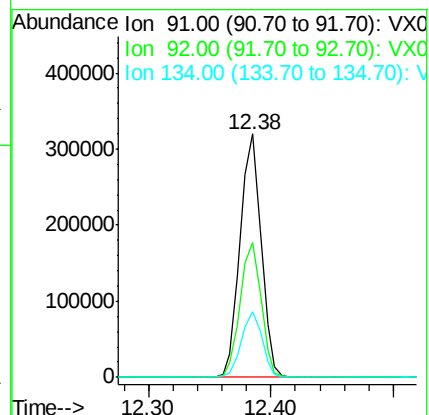
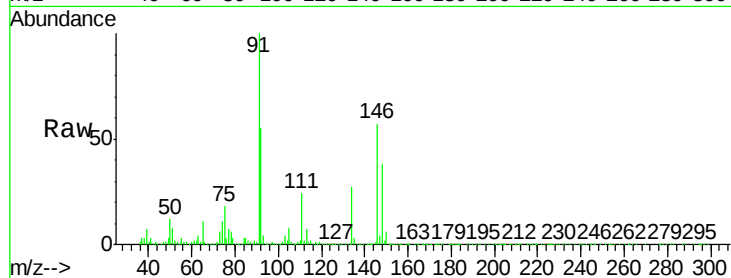
Tot Ion: 91 Resp: 378828

Ion Ratio Lower Upper

91 100

92 55.4 27.2 81.6

134 26.6 13.4 40.1



#90

Hexachloroethane

Concen: 18.536 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX014053.D

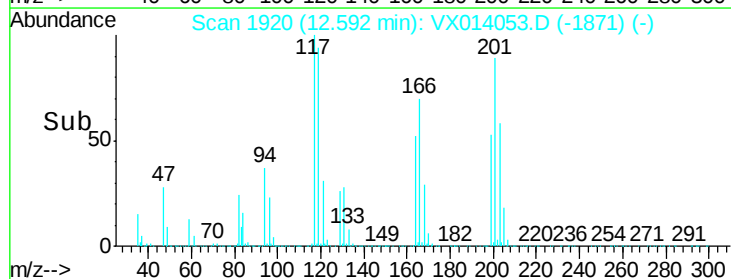
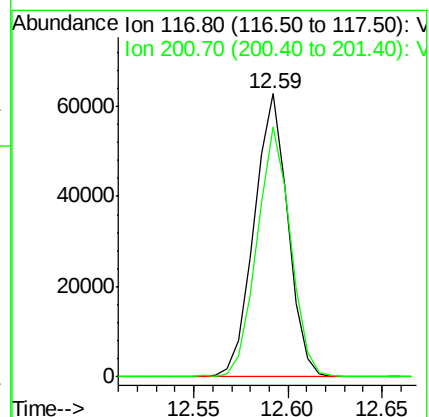
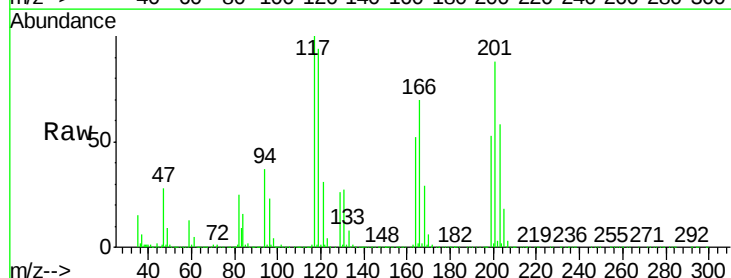
Acq: 17 Dec 2019 15:44

Tgt Ion: 117 Resp: 77030

Ion Ratio Lower Upper

117 100

201 89.1 43.1 129.3





#91

1,2-Dichlorobenzene

Concen: 18.255 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014053.D

Acq: 17 Dec 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS01

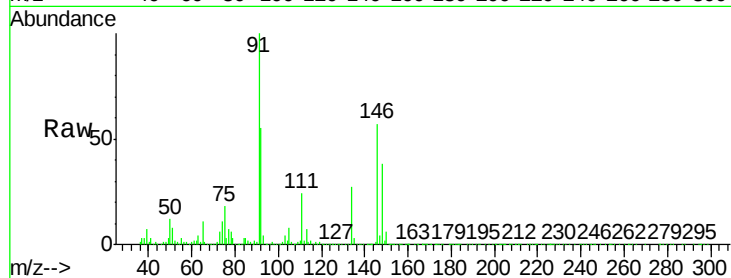
Tot Ion:146 Resp: 231809

Ion Ratio Lower Upper

146 100

111 38.8 19.7 59.1

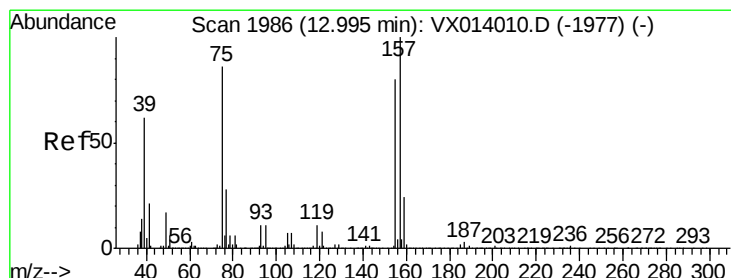
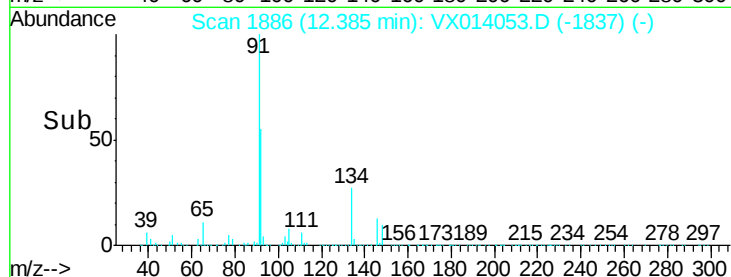
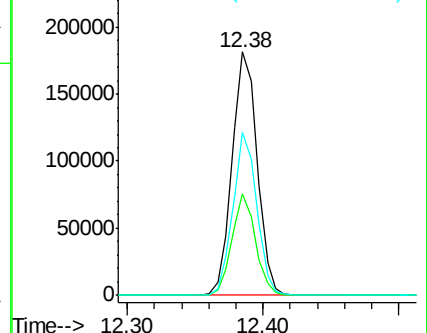
148 63.9 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.375 ug/l

RT: 12.99 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014053.D

Acq: 17 Dec 2019 15:44

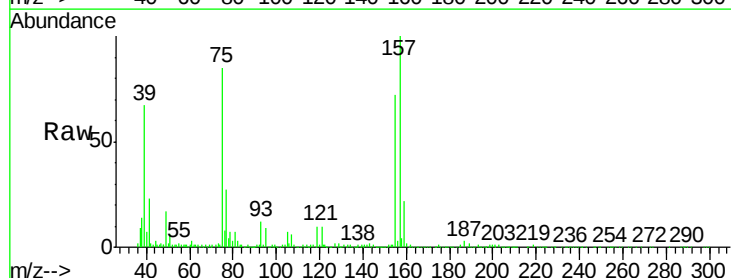
Tgt Ion: 75 Resp: 34871

Ion Ratio Lower Upper

75 100

155 94.5 46.9 140.6

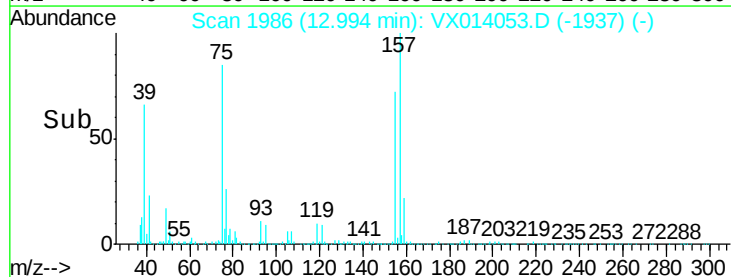
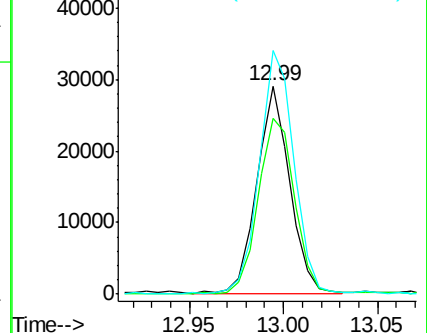
157 123.9 60.8 182.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

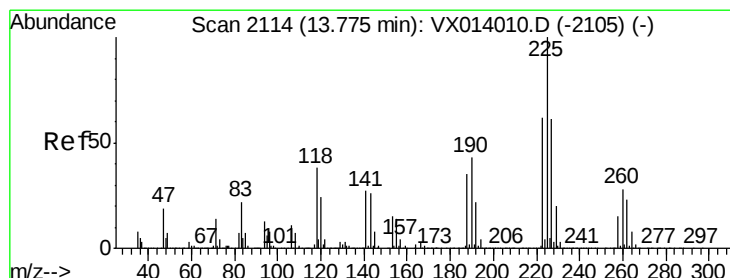
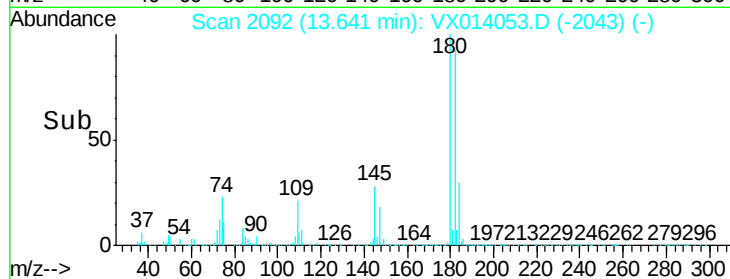
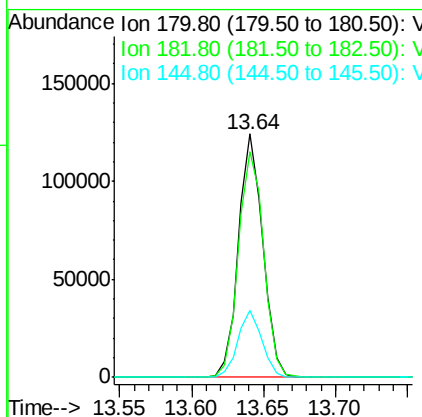
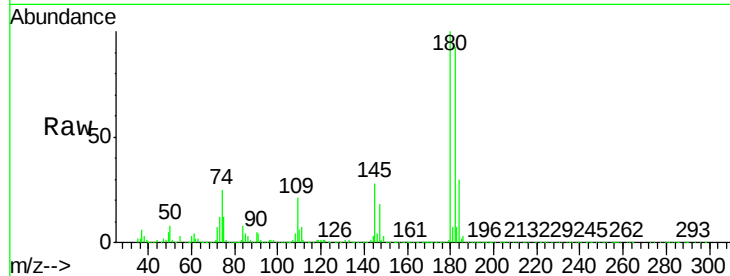




#93
 1,2,4-Trichlorobenzene
 Concen: 17.707 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX014053.D
 Acq: 17 Dec 2019 15:44

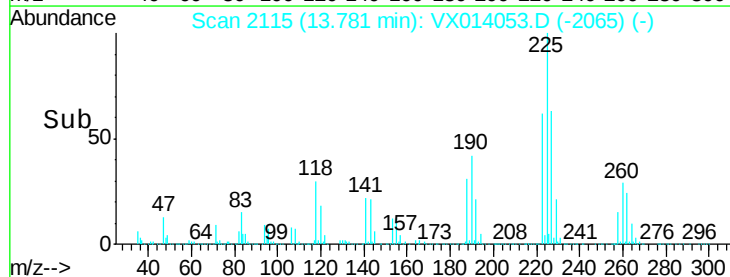
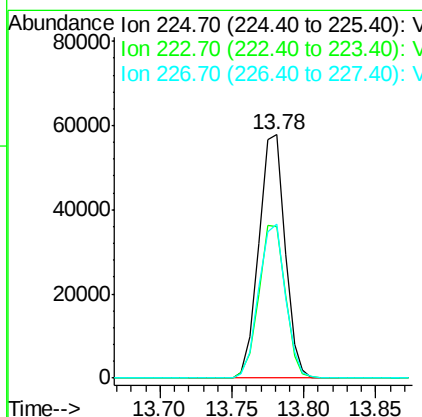
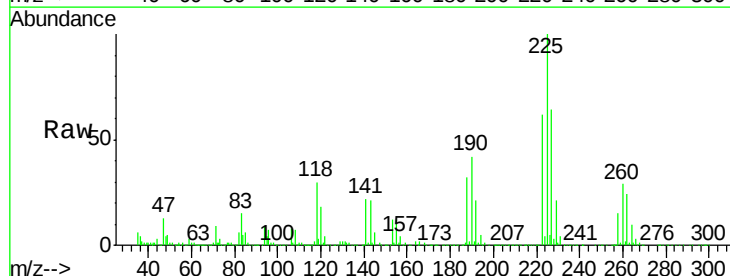
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBS01

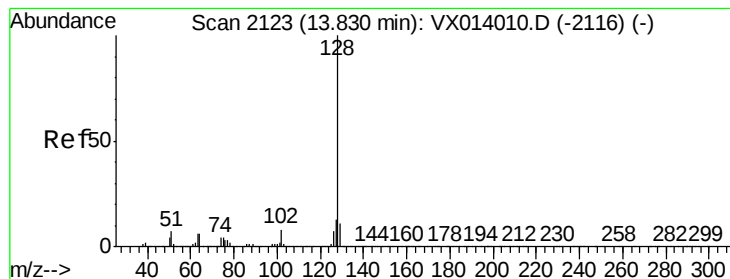
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	46.6	139.8
145	27.3	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 18.210 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX014053.D
 Acq: 17 Dec 2019 15:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	30.9	92.5
227	64.1	30.9	92.7





#95

Naphthalene

Concen: 18.105 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX014053.D

Acq: 17 Dec 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS01

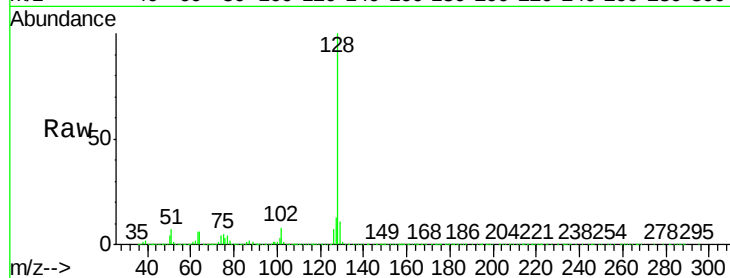
Tot Ion:128 Resp: 439033

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

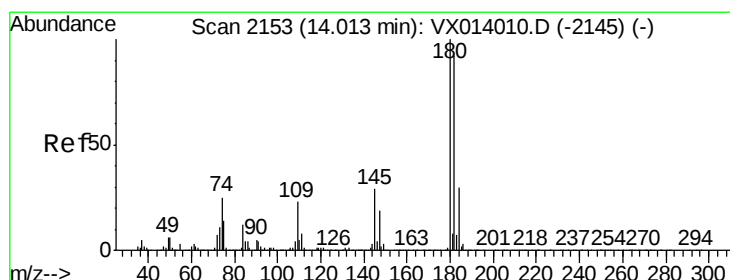
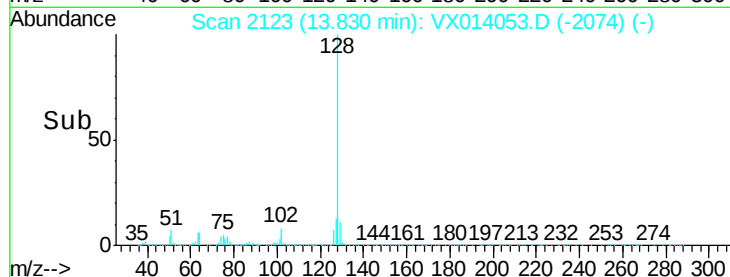
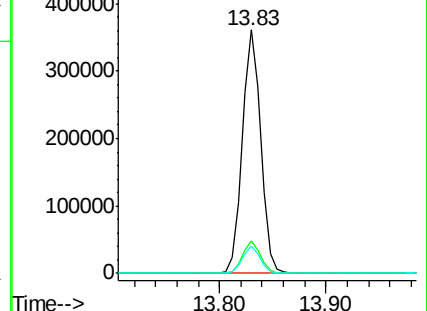
129 10.8 8.7 13.1



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: 18.211 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX014053.D

Acq: 17 Dec 2019 15:44

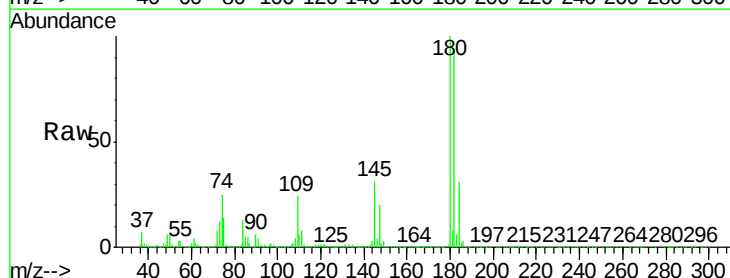
Tgt Ion:180 Resp: 148374

Ion Ratio Lower Upper

180 100

182 95.4 46.8 140.3

145 29.9 14.8 44.4



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

