

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011620\
 Data File : VX014632.D
 Acq On : 16 Jan 2020 12:37
 Operator : JC/SP
 Sample : VX0116WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0116WBS01

Quant Time: Jan 17 05:53:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	75126	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	406499	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	376956	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	160417	30.38	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.27%
60) 4-Bromofluorobenzene	11.13	95	178620	29.61	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.70%
63) Toluene-d8	8.71	98	509977	29.95	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.83%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	103694	19.972	ug/l 99
3) Chloromethane	1.32	50	112999	19.879	ug/l 99
4) Vinyl Chloride	1.40	62	128030	20.059	ug/l 98
5) Bromomethane	1.64	94	72332	18.161	ug/l 99
6) Chloroethane	1.72	64	70683	19.645	ug/l 99
7) Trichlorofluoromethane	1.92	101	137998	19.527	ug/l 99
8) Diethyl Ether	2.18	74	60433	19.578	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	83185	20.119	ug/l 97
10) 1,1-Dichloroethene	2.37	96	78057	18.769	ug/l 92
11) Methyl Iodide	2.50	142	100101	17.948	ug/l 99
12) Methyl Acetate	2.76	43	150222	19.995	ug/l 97
13) Acrolein	2.28	56	67539	85.587	ug/l 99
14) Acrylonitrile	3.12	53	248199	96.550	ug/l 99
15) Acetone	2.43	58	74834	86.834	ug/l 91
16) Carbon Disulfide	2.56	76	217352	19.029	ug/l 97
17) Allyl chloride	2.72	41	143834	18.688	ug/l 94
18) Methylene Chloride	2.85	84	94614	19.439	ug/l 93
19) trans-1,2-Dichloroethene	3.16	96	88328	19.729	ug/l 97
20) Diisopropyl ether	3.84	45	300009	19.701	ug/l 94
21) 1,1-Dichloroethane	3.69	63	161738	19.551	ug/l 98
22) cis-1,2-Dichloroethene	4.58	96	98627	19.171	ug/l 96
23) tert-Butyl Alcohol	3.02	59	103858	97.691	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	268040	19.366	ug/l 98
25) Chloroform	5.20	83	156236	19.496	ug/l 97
26) Cyclohexane	5.57	56	147720	19.359	ug/l 99
29) 1,1-Dichloropropene	5.79	75	115748	19.415	ug/l 99
30) 2-Butanone	4.65	43	349574	92.566	ug/l 100
31) 2,2-Dichloropropane	4.57	77	123991	19.438	ug/l 98
32) 1,1,1-Trichloroethane	5.48	97	128194	19.437	ug/l 99
33) Carbon Tetrachloride	5.78	117	111228	19.643	ug/l 98
34) Benzene	6.13	78	365190	19.824	ug/l 98
35) Methacrylonitrile	5.02	41	74042	19.631	ug/l 96
36) 1,2-Dichloroethane	6.18	62	125807	19.624	ug/l 99
37) Trichloroethene	7.20	130	99830	19.792	ug/l 97
38) Methylcyclohexane	7.45	83	149084	20.085	ug/l 98
39) 1,2-Dichloropropane	7.50	63	94287	19.683	ug/l 97
40) Dibromomethane	7.65	93	60255	19.572	ug/l 99

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 Data File : VX014632.D
 Acq On : 16 Jan 2020 12:37
 Operator : JC/SP
 Sample : VX0116WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0116WBS01

Quant Time: Jan 17 05:53:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	116396	19.307	ug/l	100
42) Vinyl Acetate	3.80	43	1143975	98.281	ug/l	99
44) Isopropyl Acetate	6.43	43	211573	19.184	ug/l	99
45) 1,4-Dioxane	7.73	88	46413	420.722	ug/l	97
46) Methyl methacrylate	7.76	41	104375	19.245	ug/l	98
47) n-amyl Acetate	10.89	43	173608	18.787	ug/l	99
48) t-1,3-Dichloropropene	9.03	75	125851	19.120	ug/l	95
49) cis-1,3-Dichloropropene	8.43	75	143306	19.322	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	91220	19.472	ug/l	97
51) Ethyl methacrylate	9.17	69	138476	18.985	ug/l	97
52) 1,3-Dichloropropane	9.36	76	157507	19.844	ug/l	99
53) Dibromochloromethane	9.57	129	91396	19.074	ug/l	99
54) 1,2-Dibromoethane	9.67	107	95885	19.736	ug/l	99
55) 2-Chloroethyl vinyl ether	8.30	63	317477	94.706	ug/l	100
56) Bromoform	10.85	173	66764	18.089	ug/l	98
58) 4-Methyl-2-Pentanone	8.63	43	683358	96.265	ug/l	99
59) 2-Hexanone	9.48	43	512257	93.307	ug/l	100
61) Tetrachloroethene	9.33	164	109908	19.726	ug/l	94
62) Toluene	8.78	91	385237	19.262	ug/l	99
64) Chlorobenzene	10.14	112	238934	19.138	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.21	131	87796	19.040	ug/l	99
66) Ethyl Benzene	10.25	91	426827	19.594	ug/l	100
67) m/p-Xylenes	10.35	106	325769	39.042	ug/l	100
68) o-Xylene	10.70	106	154412	19.004	ug/l	97
69) Styrene	10.71	104	264613	19.221	ug/l	99
70) Isopropylbenzene	11.01	105	416436	19.564	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	135468	18.893	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	156431	25.505	ug/l	96
73) Bromobenzene	11.25	156	108557	19.239	ug/l	99
74) n-propylbenzene	11.35	91	475667	19.556	ug/l	99
75) 2-Chlorotoluene	11.42	91	281943	19.341	ug/l	98
76) 1,3,5-Trimethylbenzene	11.50	105	344036	19.397	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	40909	17.331	ug/l	97
78) 4-Chlorotoluene	11.51	91	323339	19.531	ug/l	99
79) tert-butylbenzene	11.76	119	318396	19.185	ug/l	97
80) 1,2,4-Trimethylbenzene	11.80	105	342919	19.384	ug/l	99
81) sec-Butylbenzene	11.94	105	400798	19.516	ug/l	99
82) p-Isopropyltoluene	12.06	119	363691	19.399	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	189354	19.219	ug/l	100
84) 1,4-Dichlorobenzene	12.09	146	187454	19.191	ug/l	99
85) n-Butylbenzene	12.39	91	309590	18.873	ug/l	100
86) Hexachloroethane	12.59	117	62355	18.547	ug/l	98
87) 1,2-Dichlorobenzene	12.39	146	190808	19.194	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	27736	18.109	ug/l	97
89) 1,2,4-Trichlorobenzene	13.64	180	124407	18.959	ug/l	99
90) Hexachlorobutadiene	13.78	225	65940	20.111	ug/l	98
91) Naphthalene	13.83	128	366833	18.520	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	128084	19.177	ug/l	98

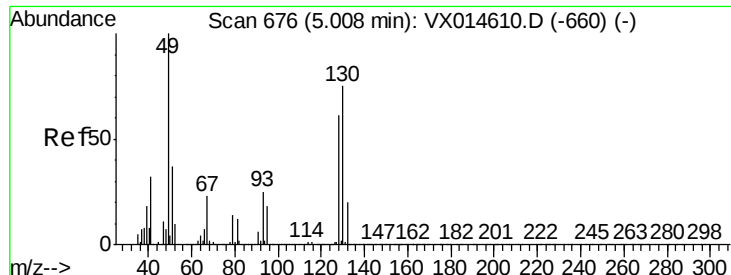
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011620\
Data File : VX014632.D
Acq On : 16 Jan 2020 12:37
Operator : JC/SP
Sample : VX0116WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01

Quant Time: Jan 17 05:53:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jan 15 12:41:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 675

Delta R.T. 0.00 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBS01

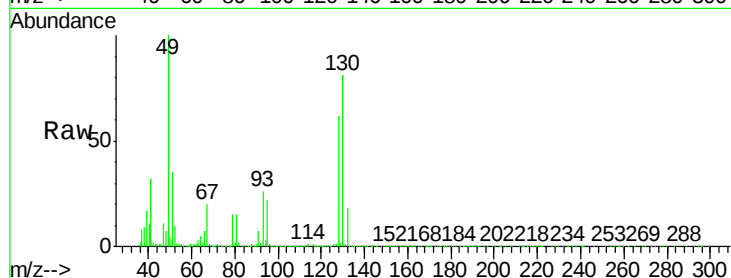
Tot Ion:128 Resp: 75126

Ion Ratio Lower Upper

128 100

49 156.0 0.0 405.0

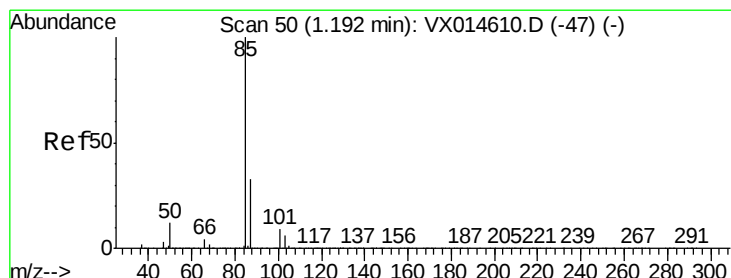
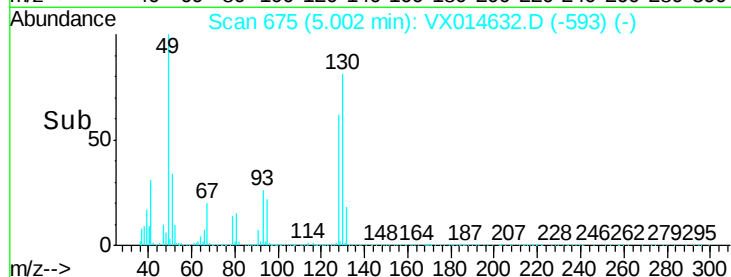
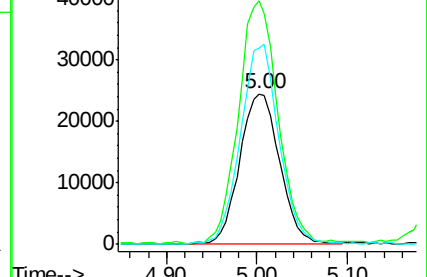
130 127.6 0.0 321.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 19.972 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014632.D

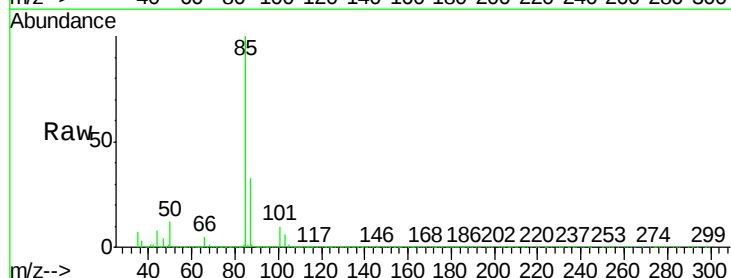
Acq: 16 Jan 2020 12:37

Tgt Ion: 85 Resp: 103694

Ion Ratio Lower Upper

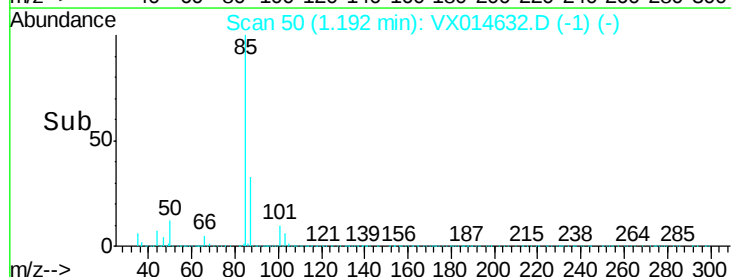
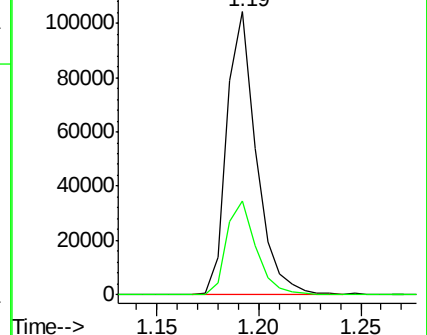
85 100

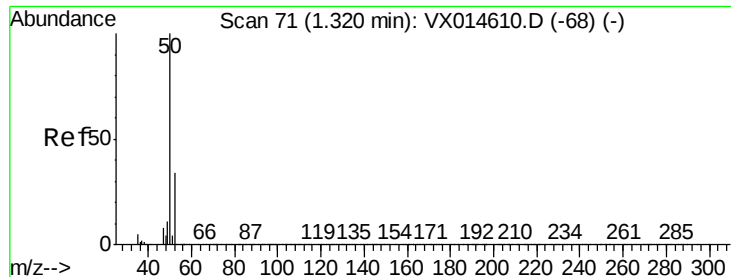
87 33.2 16.3 48.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 19.879 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Instrument :

MSVOA_X

ClientSampled :

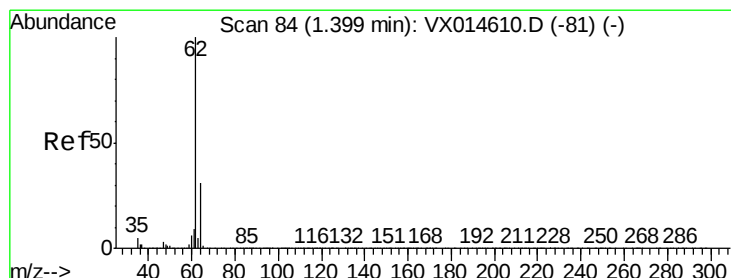
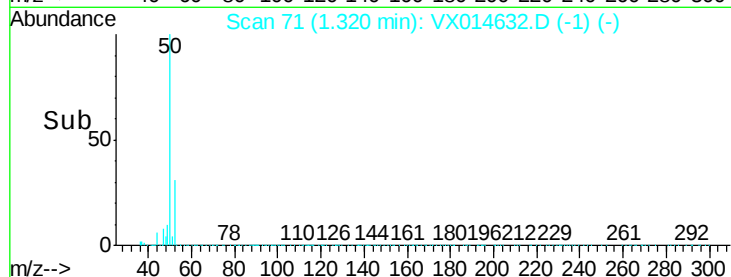
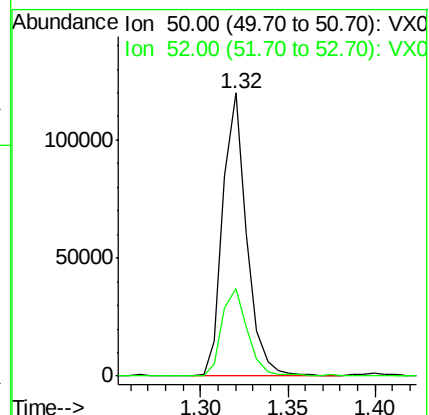
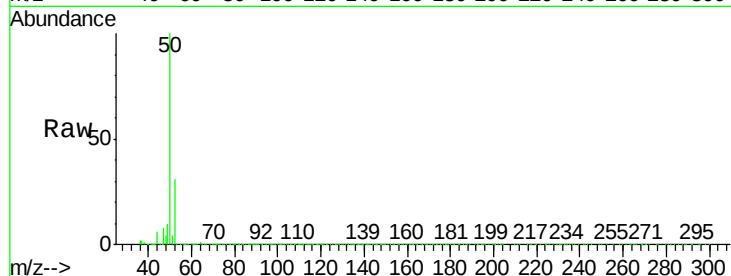
VX0116WBS01

Tot Ion: 50 Resp: 112999

Ion Ratio Lower Upper

50 100

52 31.0 24.3 36.5



#4

Vinyl Chloride

Concen: 20.059 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014632.D

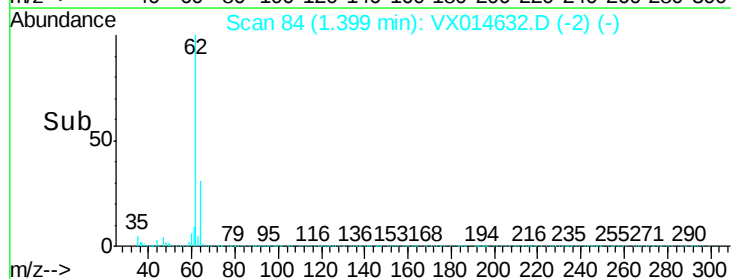
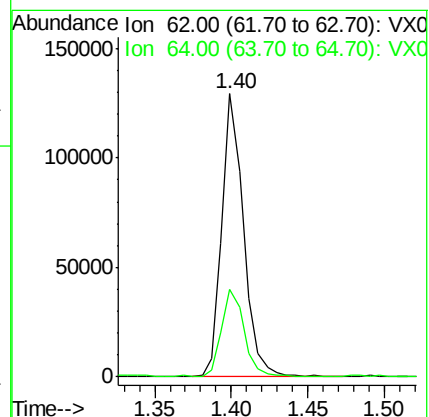
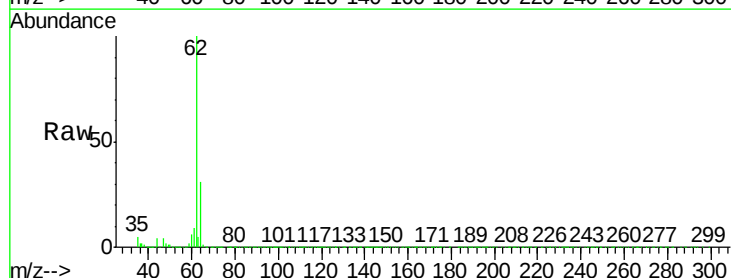
Acq: 16 Jan 2020 12:37

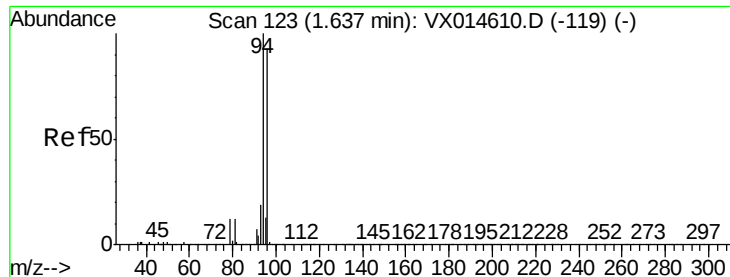
Tgt Ion: 62 Resp: 128030

Ion Ratio Lower Upper

62 100

64 30.5 25.2 37.8





#5

Bromomethane

Concen: 18.161 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

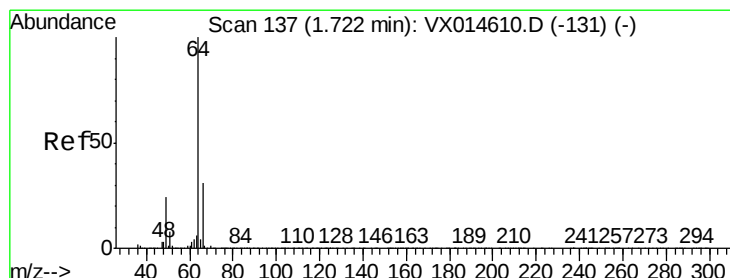
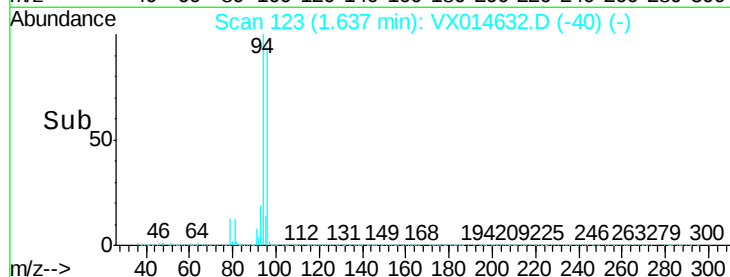
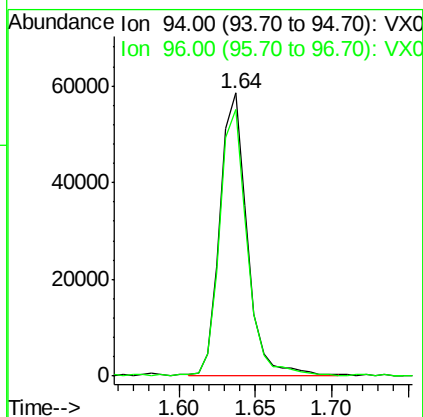
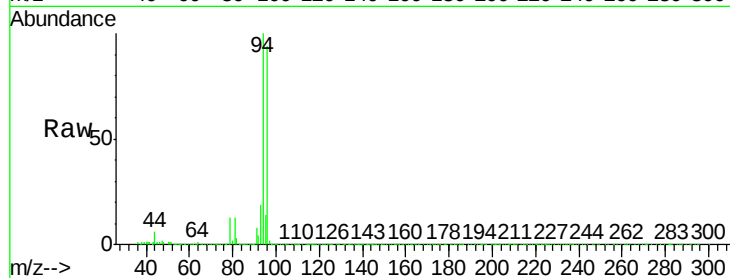
VX0116WBS01

Tot Ion: 94 Resp: 72332

Ion Ratio Lower Upper

94 100

96 93.9 74.4 111.6



#6

Chloroethane

Concen: 19.645 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014632.D

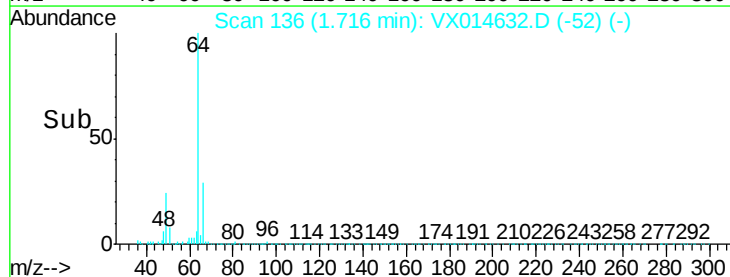
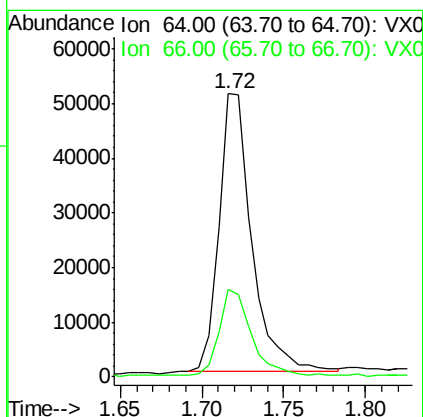
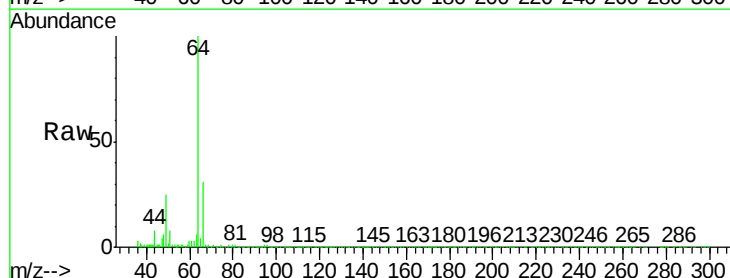
Acq: 16 Jan 2020 12:37

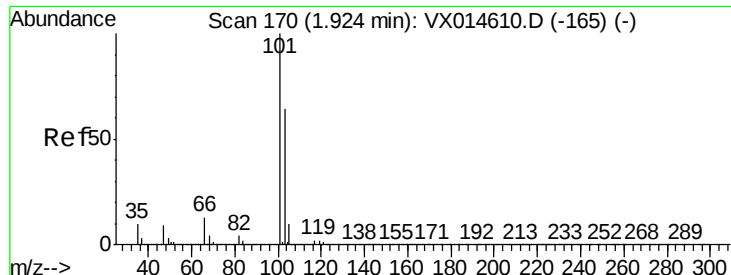
Tgt Ion: 64 Resp: 70683

Ion Ratio Lower Upper

64 100

66 31.1 25.2 37.8



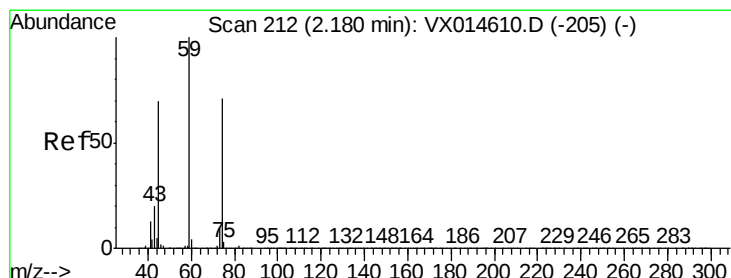
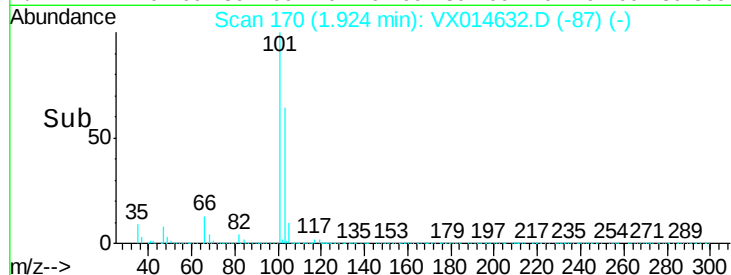
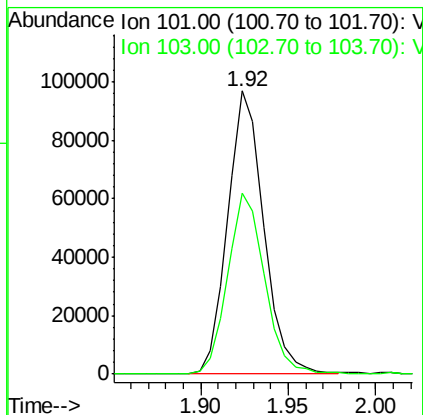
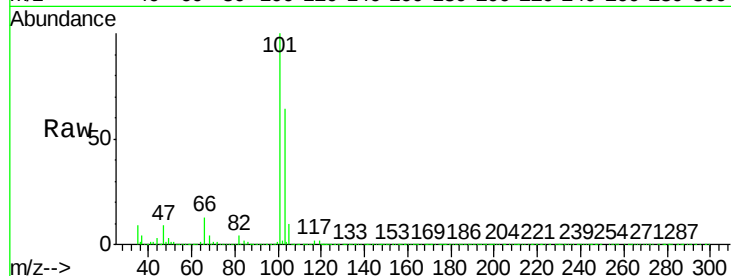


#7

Trichlorofluoromethane
Concen: 19.527 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01

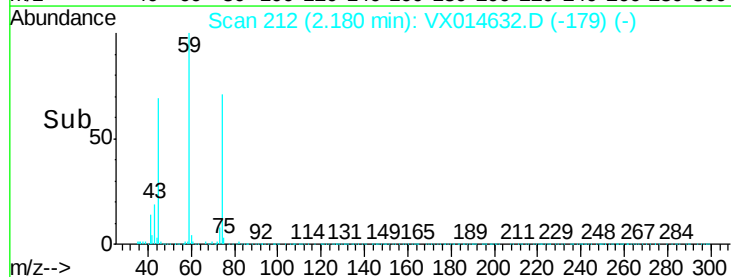
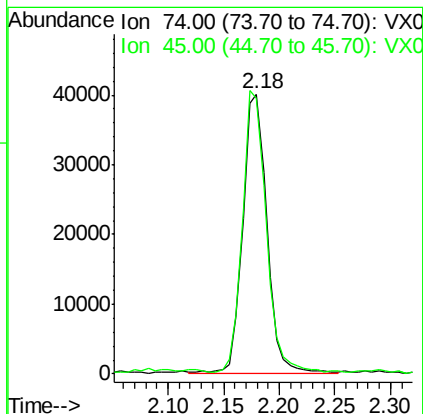
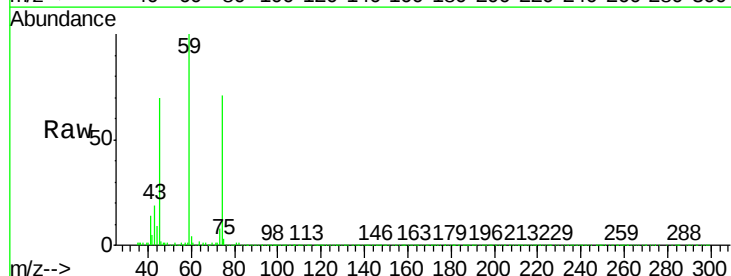
Tot Ion:101 Resp: 137998
Ion Ratio Lower Upper
101 100
103 63.9 51.6 77.4

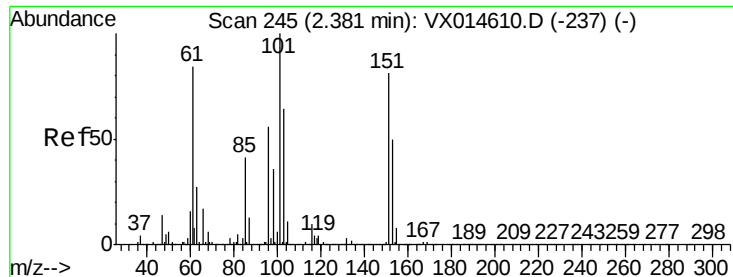


#8

Diethyl Ether
Concen: 19.578 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

Tgt Ion: 74 Resp: 60433
Ion Ratio Lower Upper
74 100
45 101.4 20.6 185.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.119 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Instrument :

MSVOA_X

ClientSampled :

VX0116WBS01

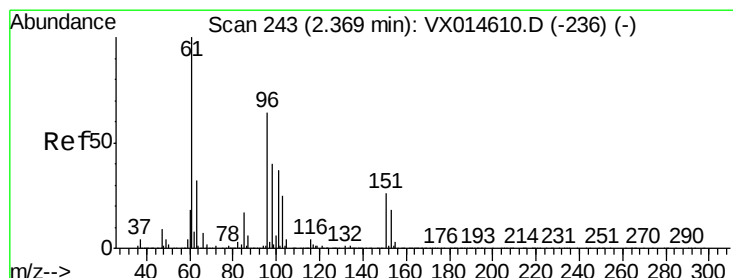
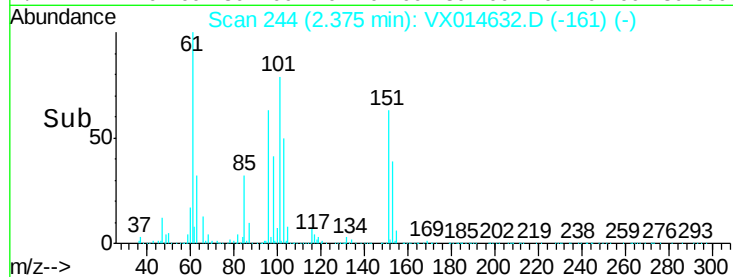
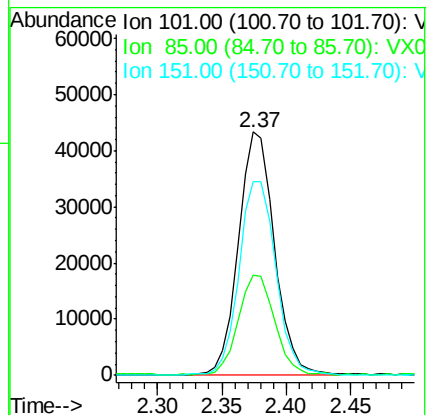
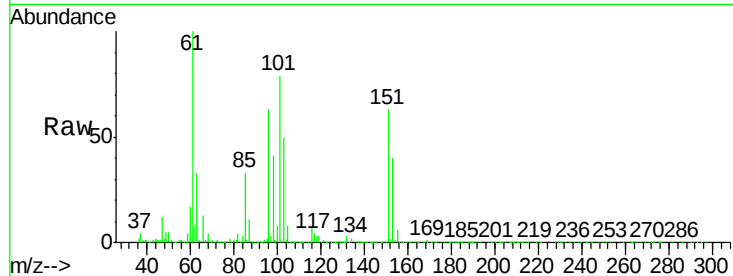
Tot Ion:101 Resp: 83185

Ion Ratio Lower Upper

101 100

85 40.8 0.0 85.6

151 81.8 0.0 159.4



#10

1,1-Dichloroethene

Concen: 18.769 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

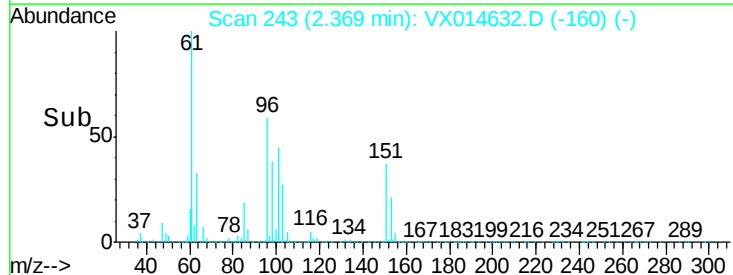
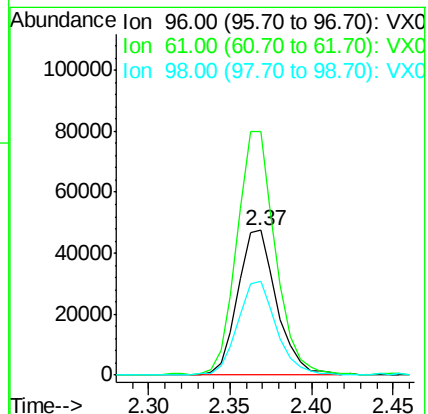
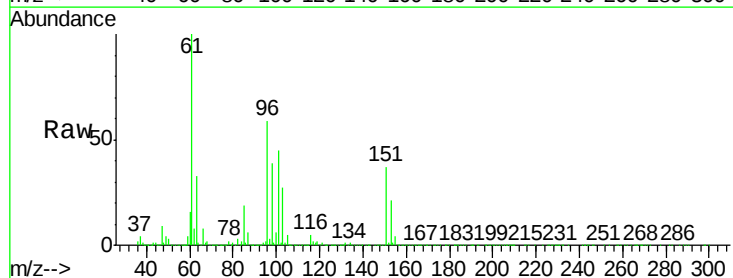
Tgt Ion: 96 Resp: 78057

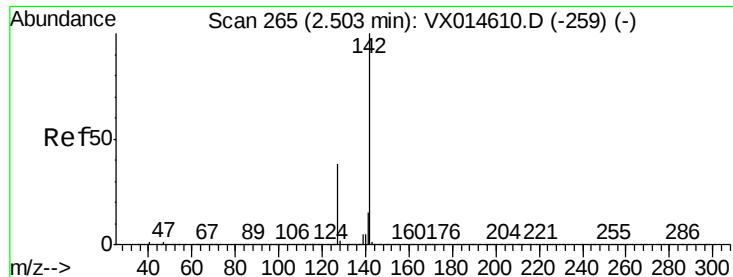
Ion Ratio Lower Upper

96 100

61 168.1 123.0 184.6

98 64.9 51.4 77.0

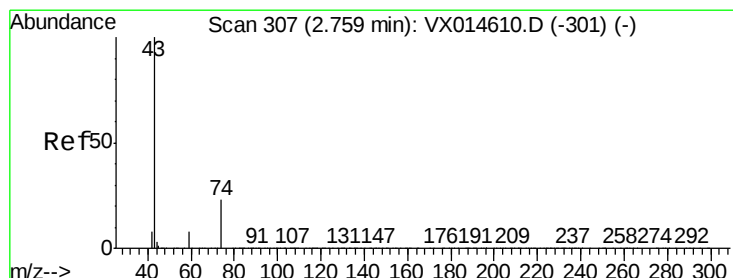
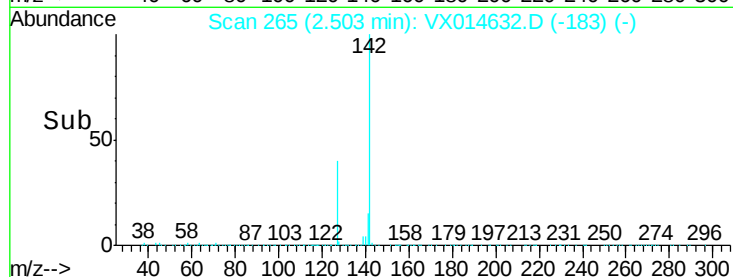
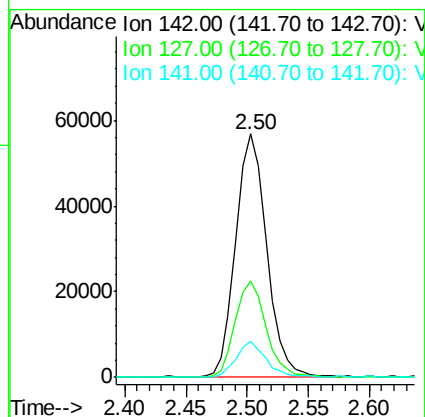
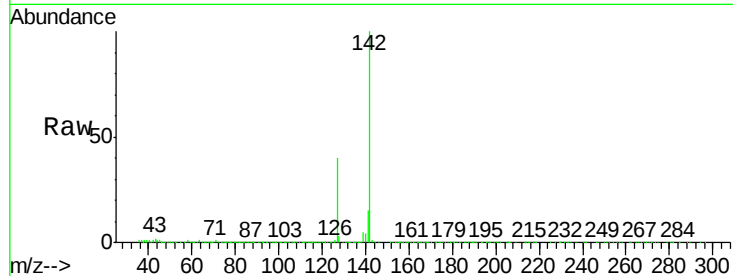




#11
Methvl Iodide
Concen: 17.948 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

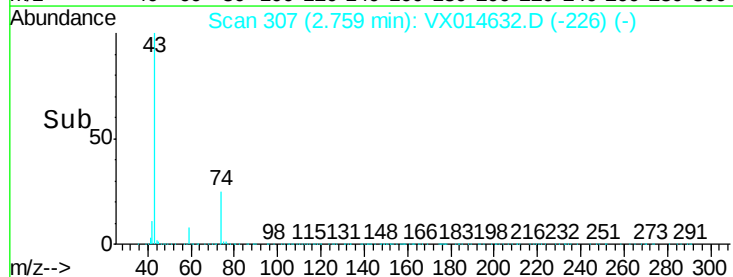
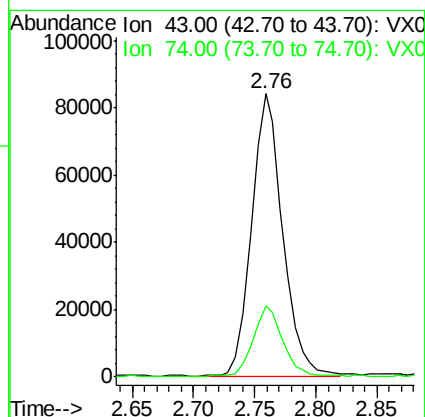
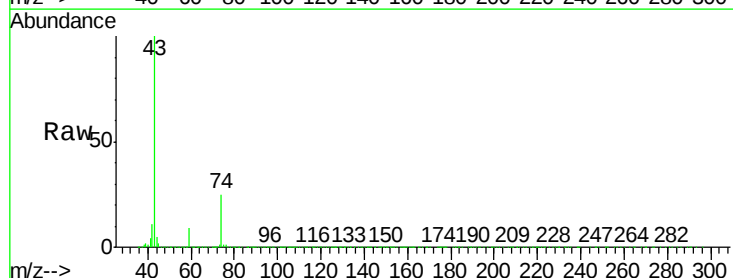
Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01

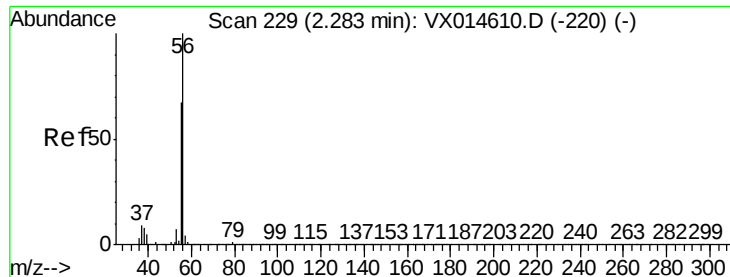
Tot Ion:142 Resp: 100101
Ion Ratio Lower Upper
142 100
127 39.8 19.5 58.5
141 14.5 7.0 20.9



#12
Methyl Acetate
Concen: 19.995 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

Tgt Ion: 43 Resp: 150222
Ion Ratio Lower Upper
43 100
74 24.6 18.5 27.7

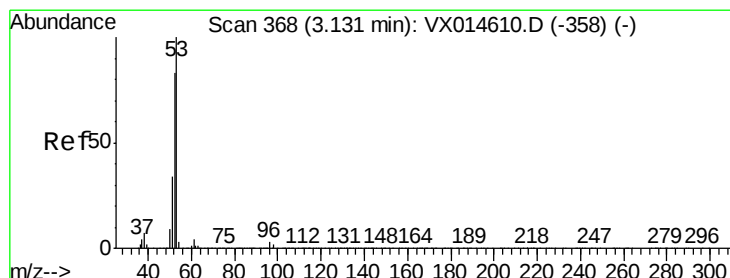
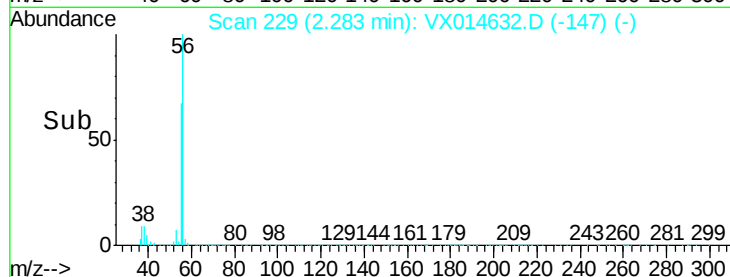
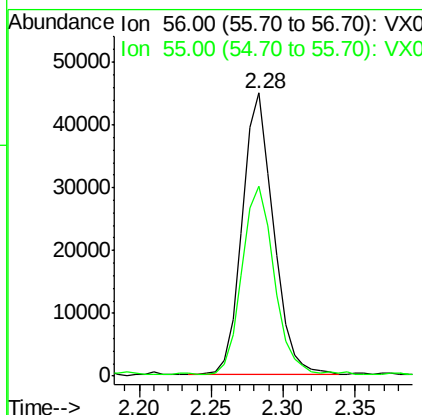
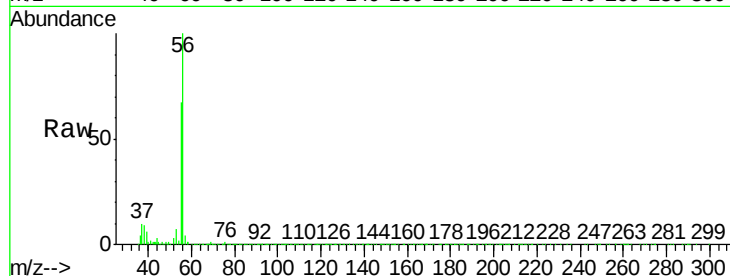




#13
Acrolein
Concen: 85.587 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

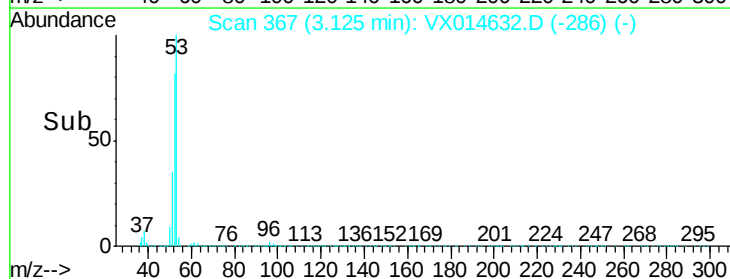
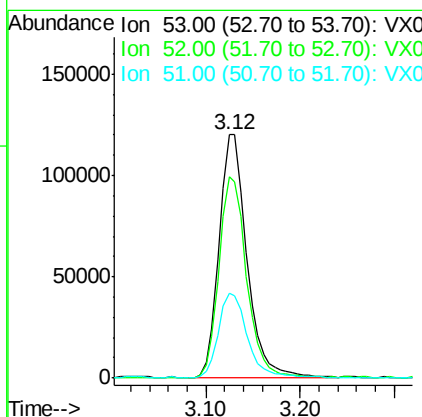
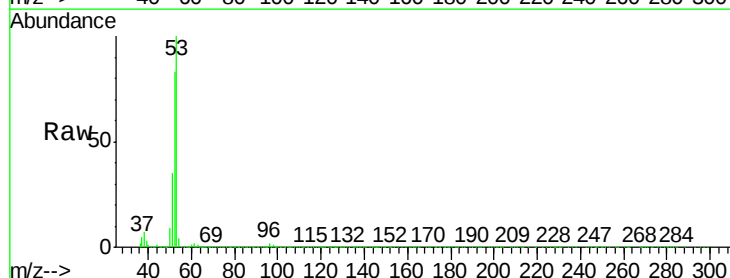
Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01

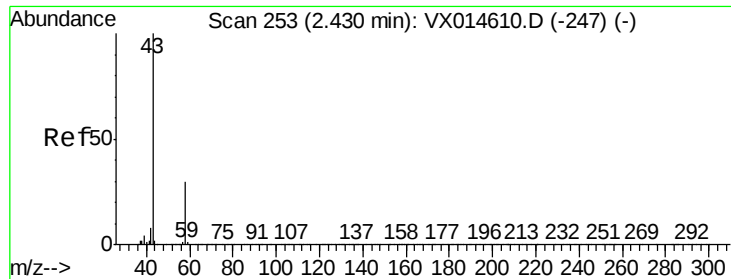
Tot Ion: 56 Resp: 67539
Ion Ratio Lower Upper
56 100
55 69.8 54.9 82.3



#14
Acrylonitrile
Concen: 96.550 ug/l
RT: 3.12 min Scan# 367
Delta R.T. -0.01 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

Tgt Ion: 53 Resp: 248199
Ion Ratio Lower Upper
53 100
52 82.1 41.5 124.6
51 35.6 17.8 53.5





#15

Acetone

Concen: 86.834 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

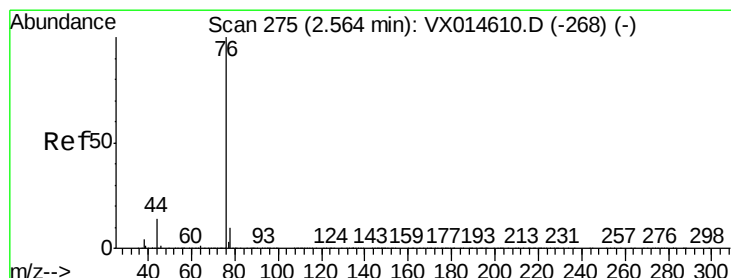
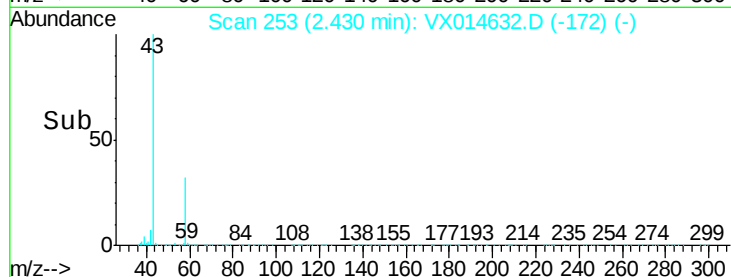
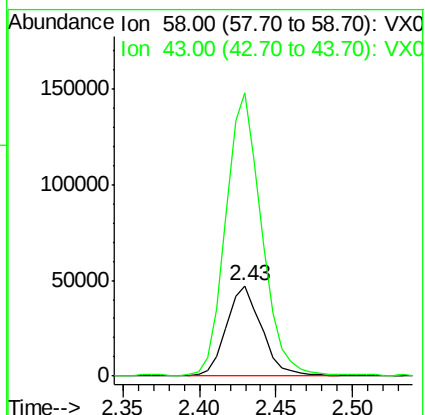
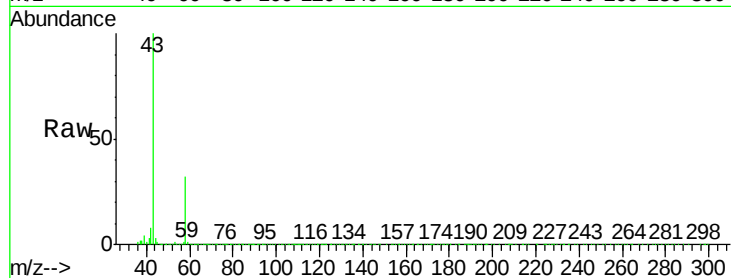
VX0116WBS01

Tot Ion: 58 Resp: 74834

Ion Ratio Lower Upper

58 100

43 313.1 236.3 354.5



#16

Carbon Disulfide

Concen: 19.029 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014632.D

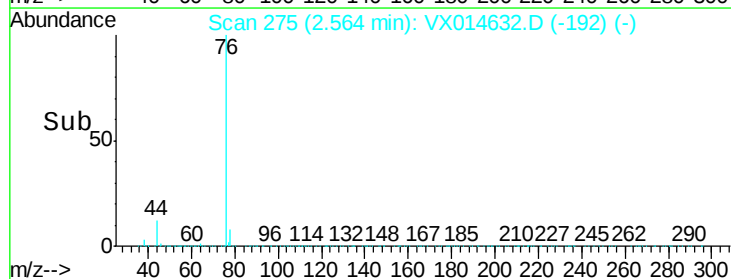
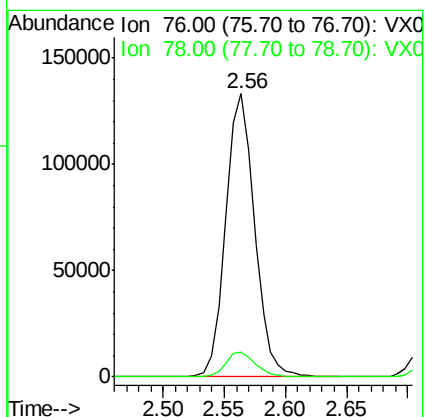
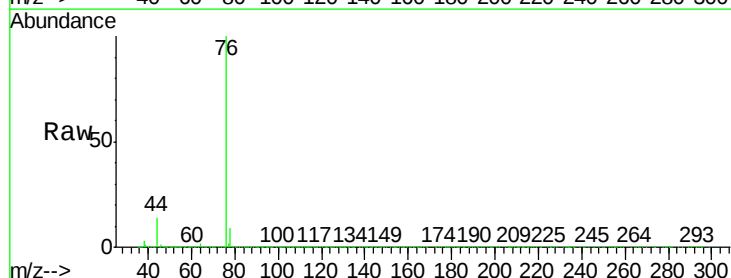
Acq: 16 Jan 2020 12:37

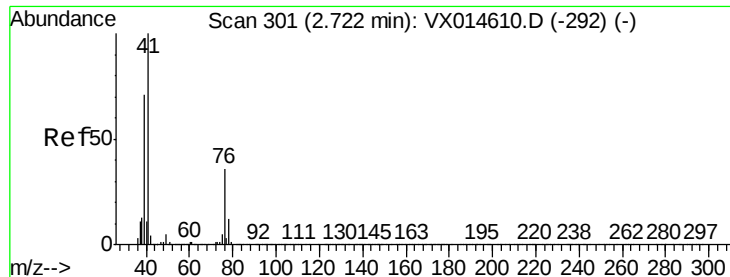
Tgt Ion: 76 Resp: 217352

Ion Ratio Lower Upper

76 100

78 8.5 7.8 11.8

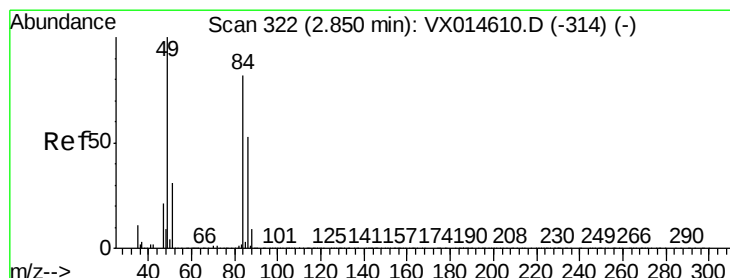
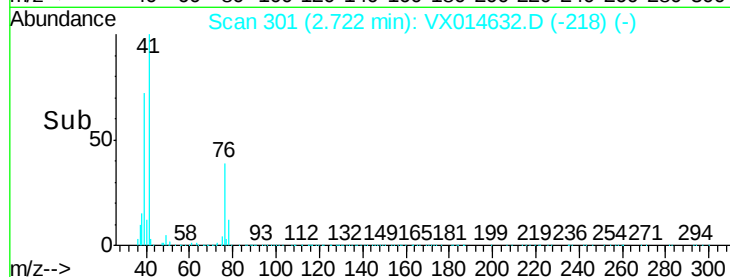
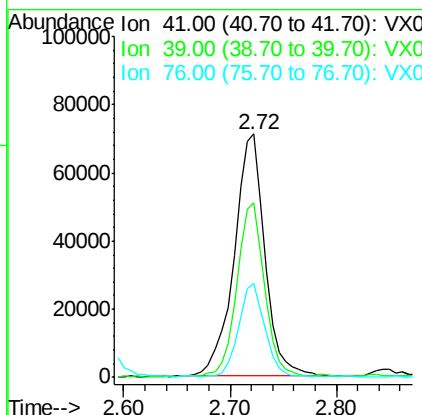
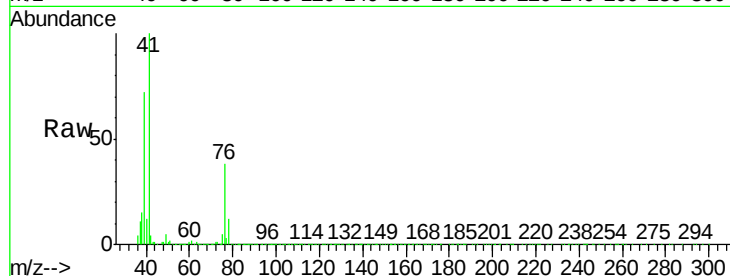




#17
Allvl chloride
Concen: 18.688 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

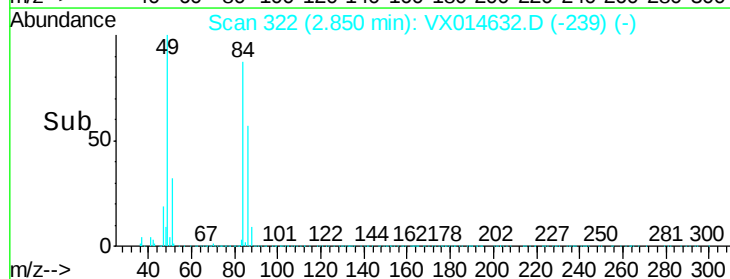
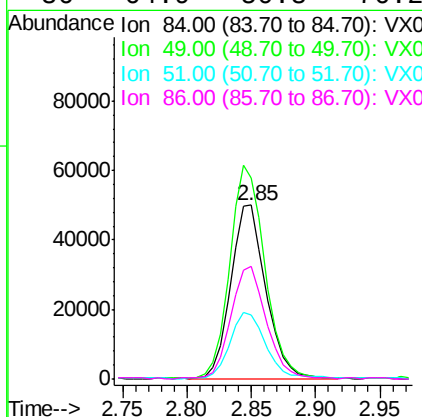
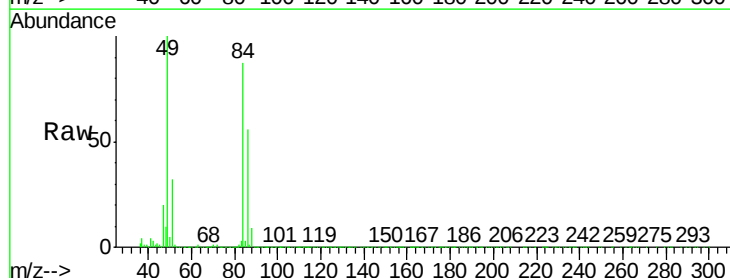
Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01

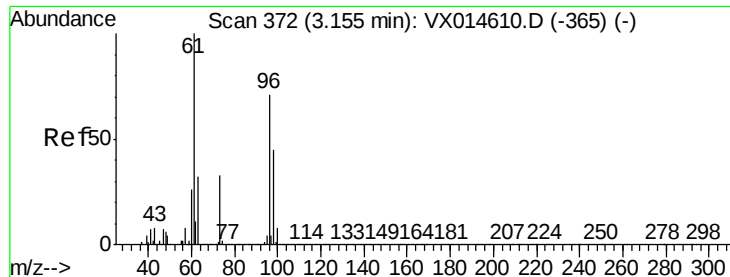
Tot Ion: 41 Resp: 143834
Ion Ratio Lower Upper
41 100
39 71.4 33.4 100.2
76 38.3 17.0 50.9



#18
Methylene Chloride
Concen: 19.439 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

Tgt Ion: 84 Resp: 94614
Ion Ratio Lower Upper
84 100
49 114.9 102.2 153.2
51 36.5 31.4 47.0
86 64.9 50.8 76.2





#19

trans-1,2-Dichloroethene

Concen: 19.729 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBS01

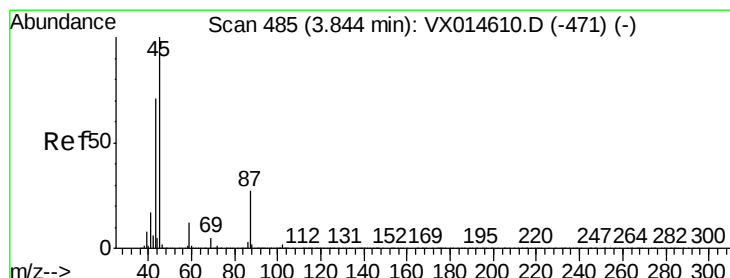
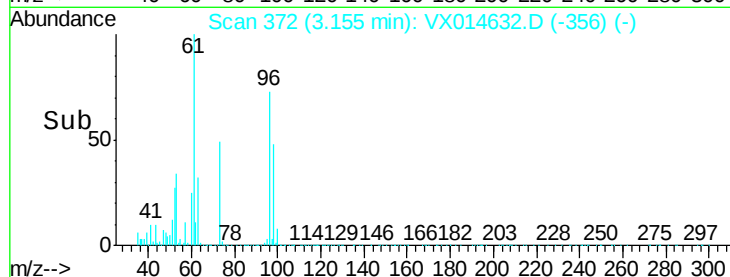
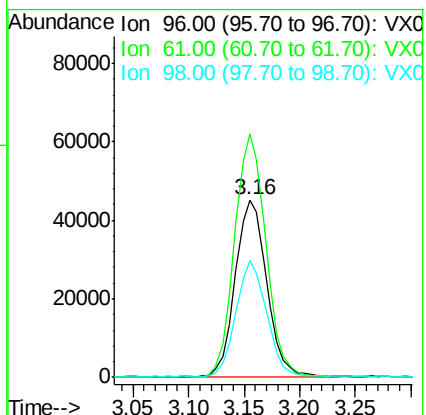
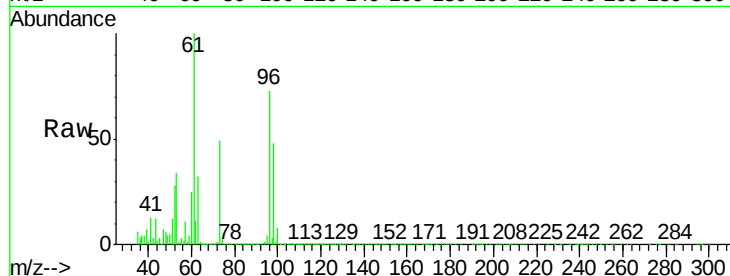
Tot Ion: 96 Resp: 88328

Ion Ratio Lower Upper

96 100

61 137.0 106.6 159.8

98 65.7 51.6 77.4



#20

Diisopropyl ether

Concen: 19.701 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Tgt Ion: 45 Resp: 300009

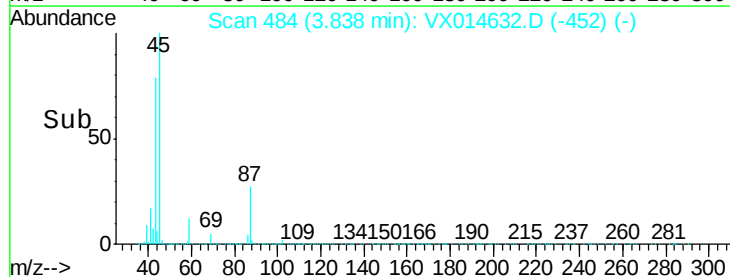
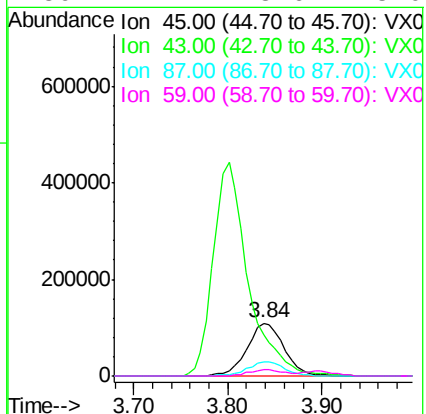
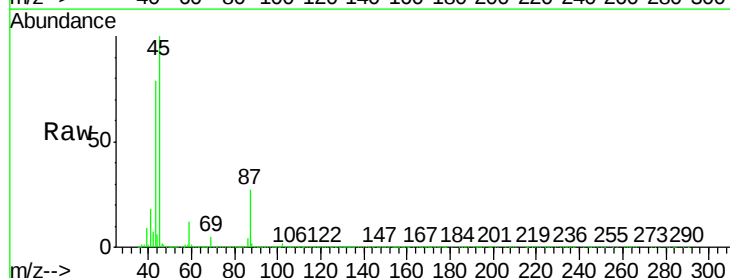
Ion Ratio Lower Upper

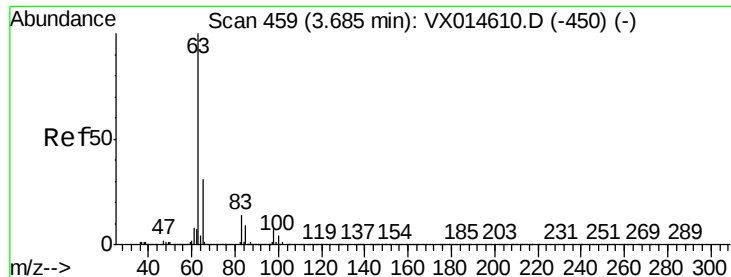
45 100

43 76.1 55.9 83.9

87 26.6 22.2 33.2

59 11.4 8.6 13.0





#21

1,1-Dichloroethane

Concen: 19.551 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBS01

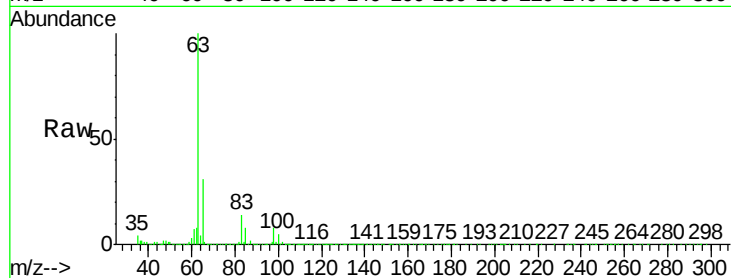
Tot Ion: 63 Resp: 161738

Ion Ratio Lower Upper

63 100

98 7.4 3.4 10.1

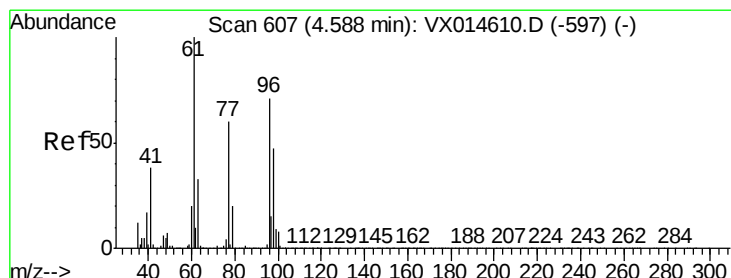
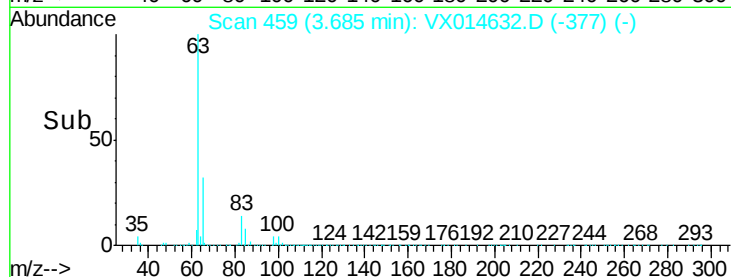
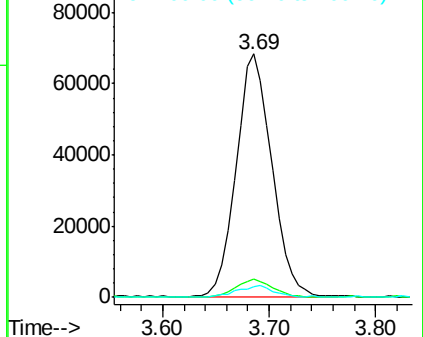
100 4.6 2.5 7.4



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 19.171 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

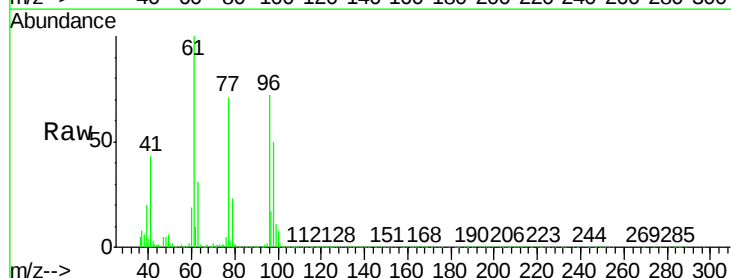
Tgt Ion: 96 Resp: 98627

Ion Ratio Lower Upper

96 100

61 146.5 112.4 168.6

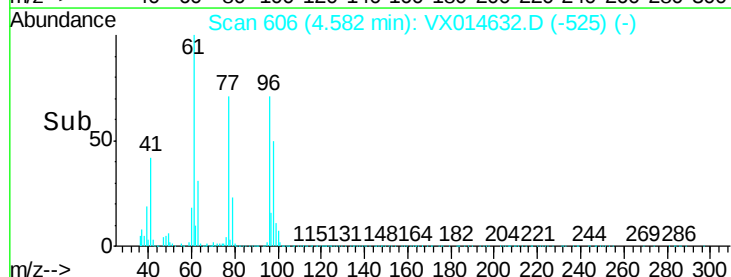
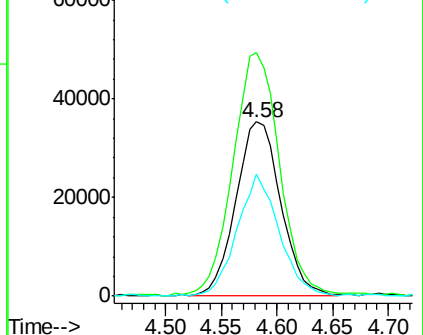
98 65.3 50.3 75.5

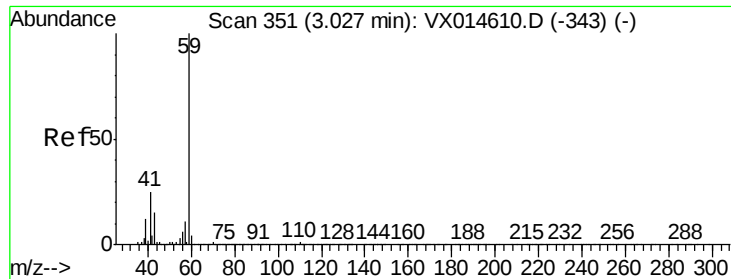


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#23

tert-Butyl Alcohol

Concen: 97.691 ug/l

RT: 3.02 min Scan# 350

Delta R.T. -0.02 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

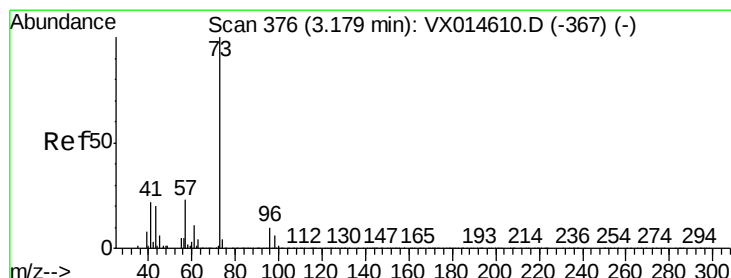
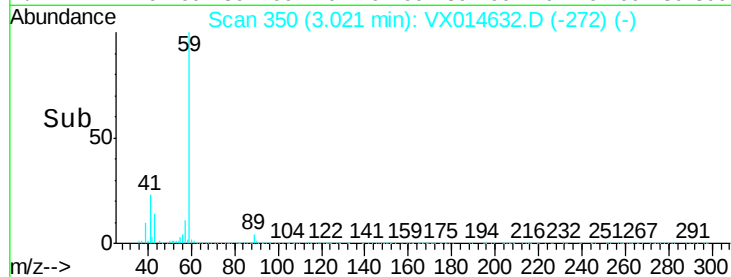
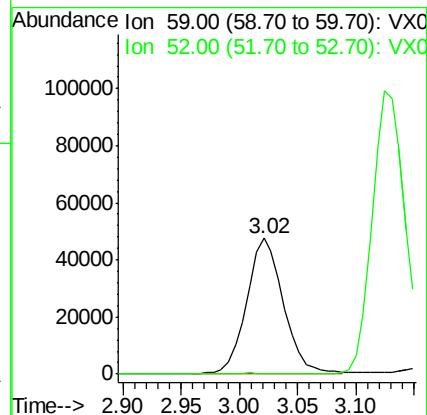
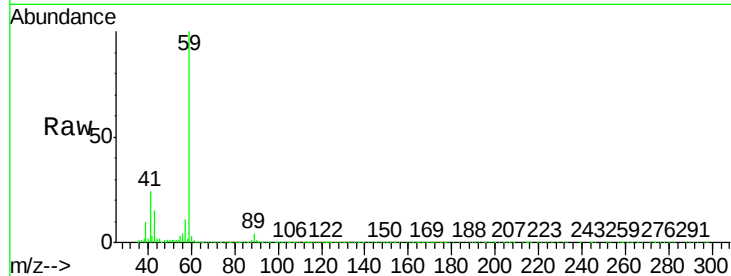
VX0116WBS01

Tot Ion: 59 Resp: 103858

Ion Ratio Lower Upper

59 100

52 0.4 0.2 0.2#



#24

Methyl tert-Butyl Ether

Concen: 19.366 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: VX014632.D

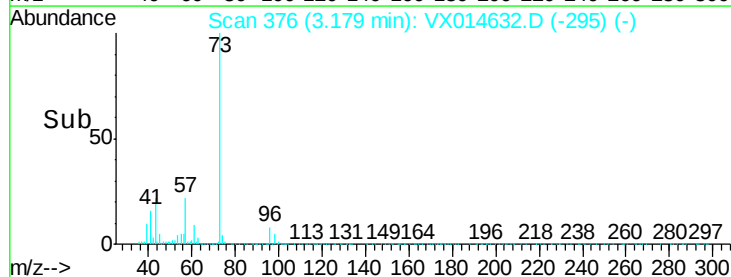
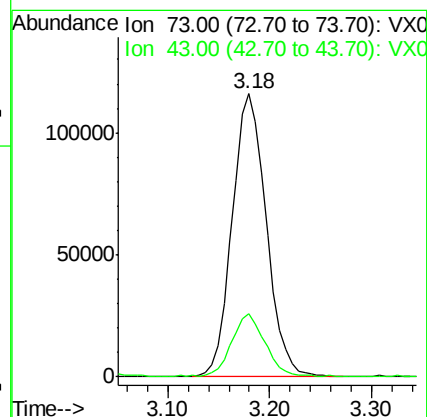
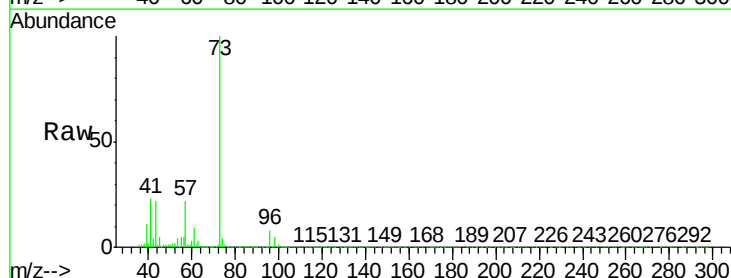
Acq: 16 Jan 2020 12:37

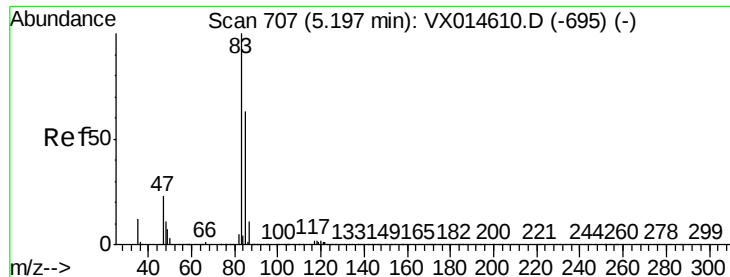
Tgt Ion: 73 Resp: 268040

Ion Ratio Lower Upper

73 100

43 21.5 16.6 25.0

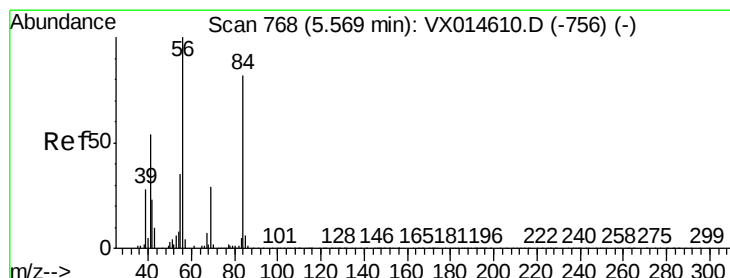
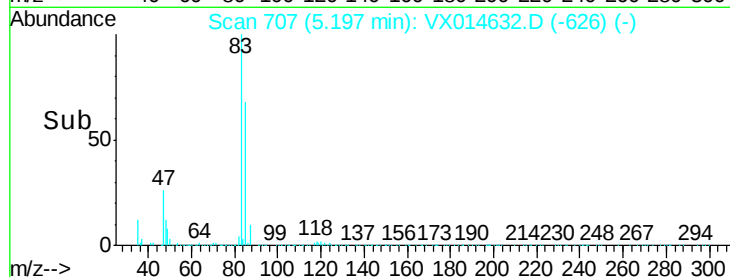
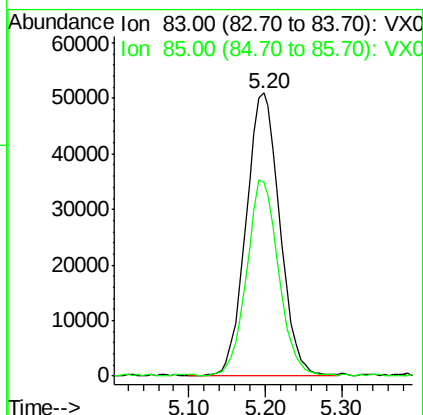
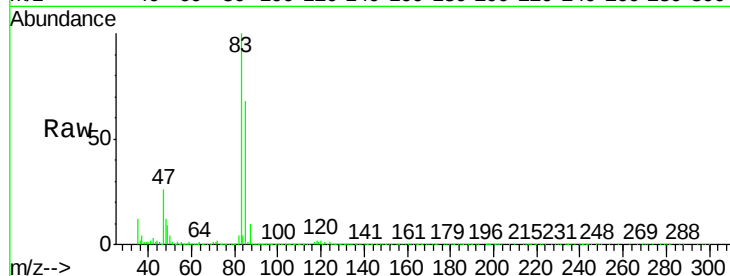




#25
Chloroform
Concen: 19.496 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

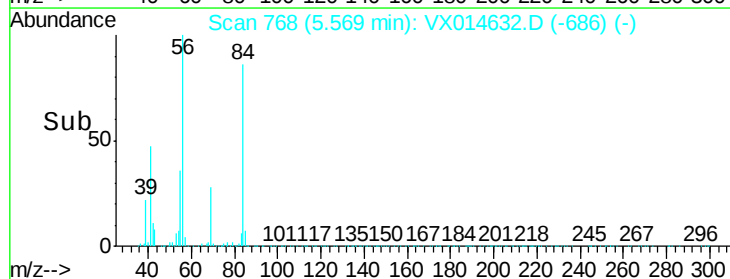
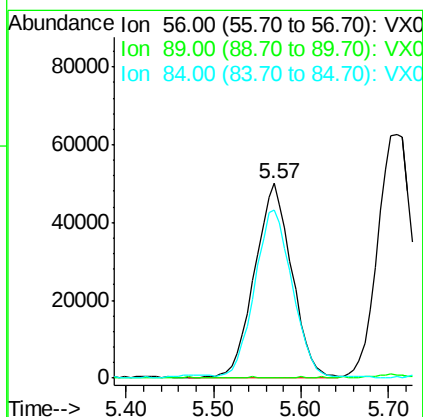
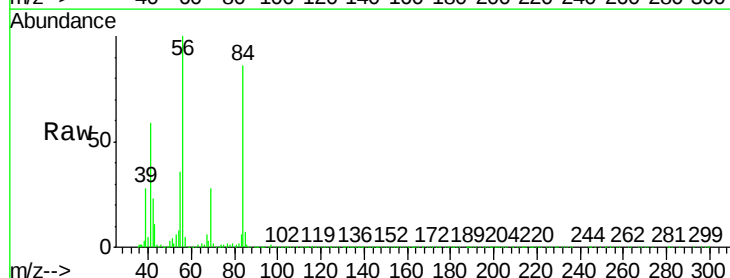
Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01

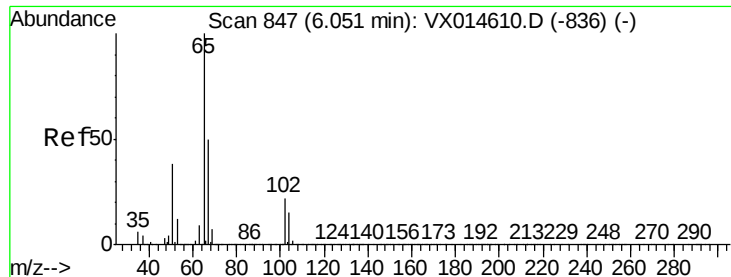
Tot Ion: 83 Resp: 156236
Ion Ratio Lower Upper
83 100
85 68.0 52.7 79.1



#26
Cyclohexane
Concen: 19.359 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

Tgt Ion: 56 Resp: 147720
Ion Ratio Lower Upper
56 100
89 0.1 0.1 0.1
84 87.6 70.8 106.2





#27

1,2-Dichloroethane-d4

Concen: 30.379 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

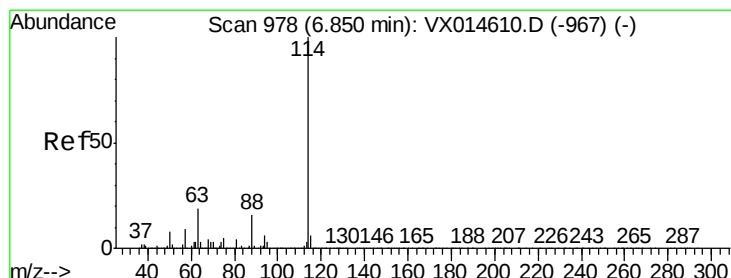
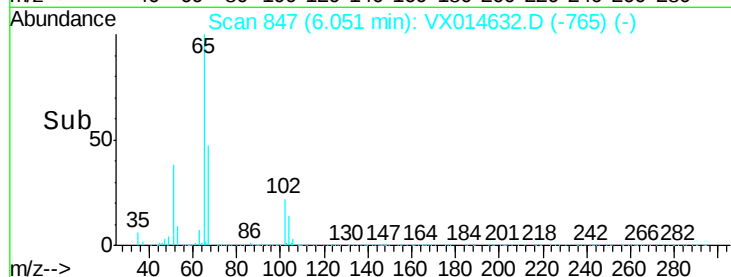
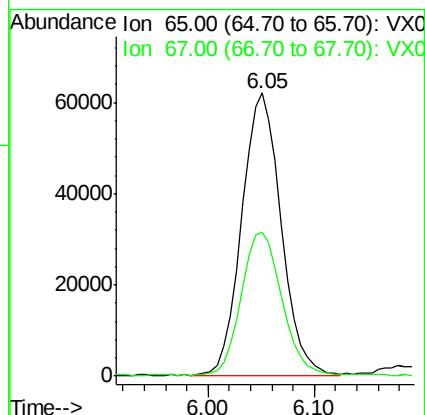
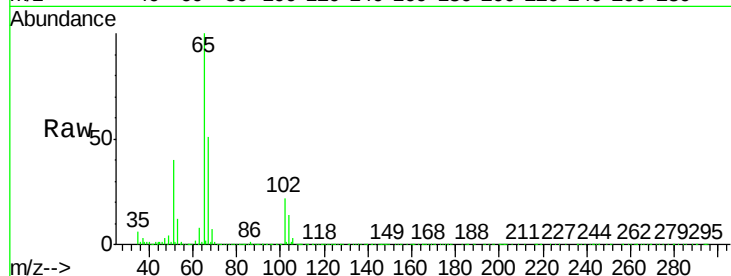
VX0116WBS01

Tot Ion: 65 Resp: 160417

Ion Ratio Lower Upper

65 100

67 52.8 43.1 64.7



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

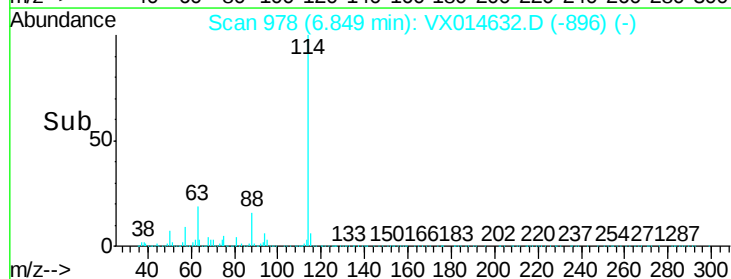
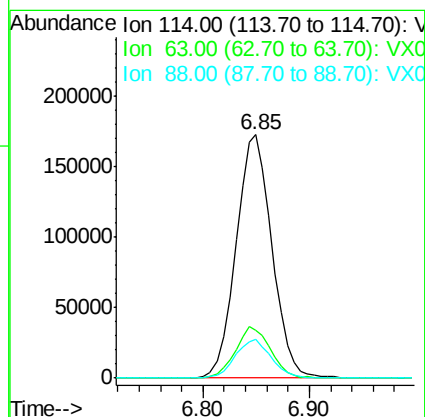
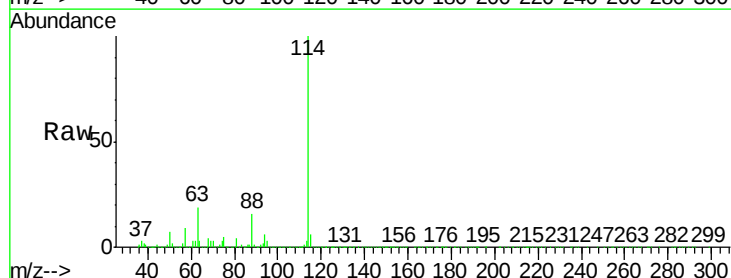
Tgt Ion: 114 Resp: 406499

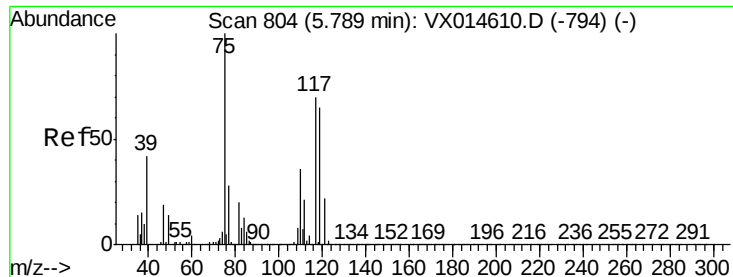
Ion Ratio Lower Upper

114 100

63 20.7 16.1 24.1

88 15.9 12.5 18.7





#29

1,1-Dichloropropene

Concen: 19.415 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBS01

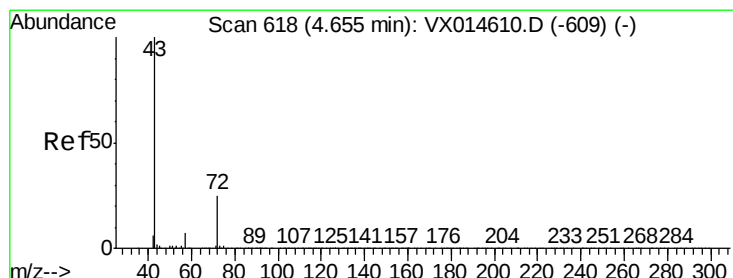
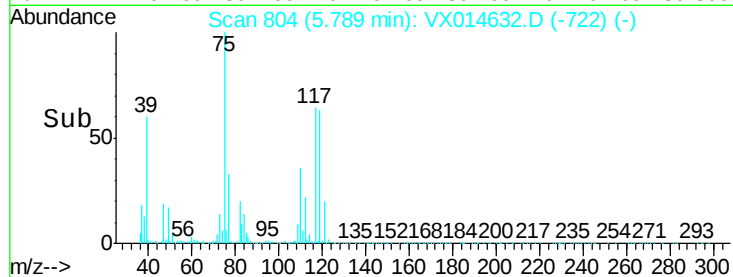
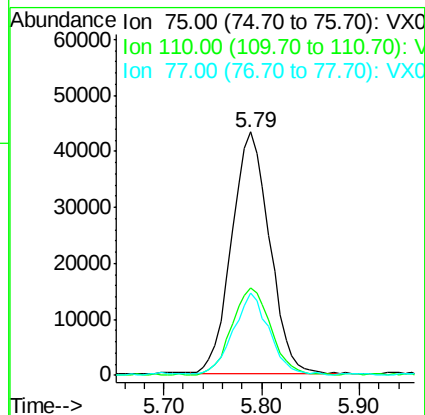
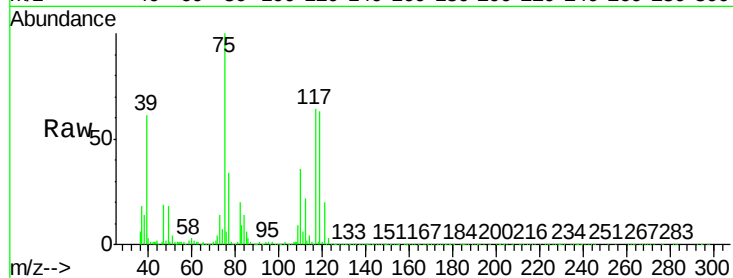
Tot Ion: 75 Resp: 115748

Ion Ratio Lower Upper

75 100

110 37.9 0.0 73.8

77 31.5 0.0 62.4



#30

2-Butanone

Concen: 92.566 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

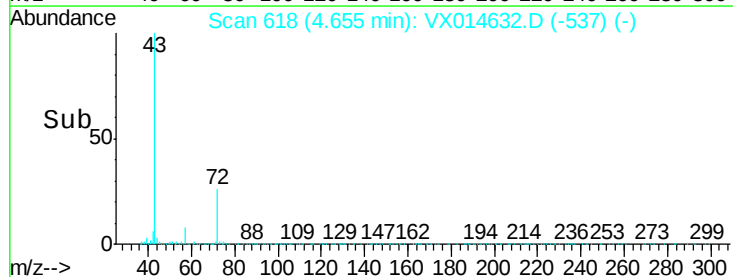
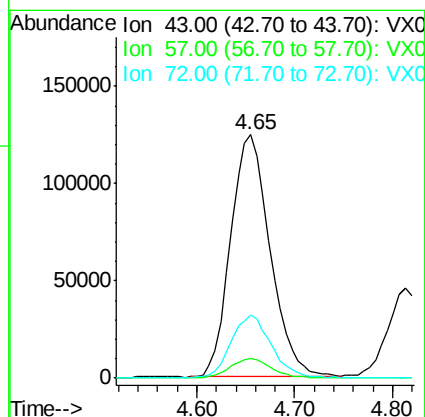
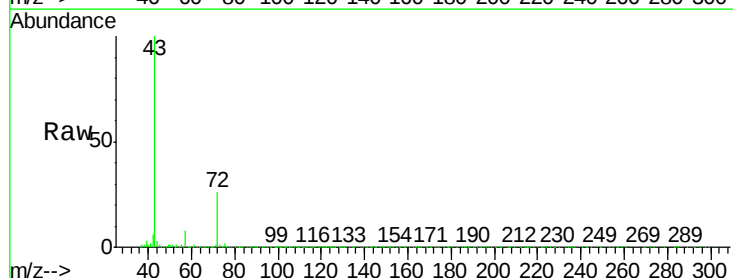
Tgt Ion: 43 Resp: 349574

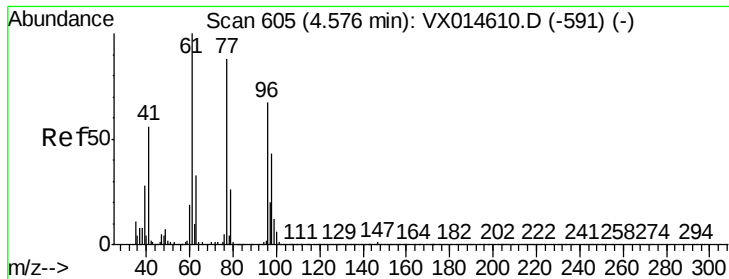
Ion Ratio Lower Upper

43 100

57 8.0 6.2 9.2

72 25.5 20.3 30.5





#31

2,2-Dichloropropane

Concen: 19.438 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

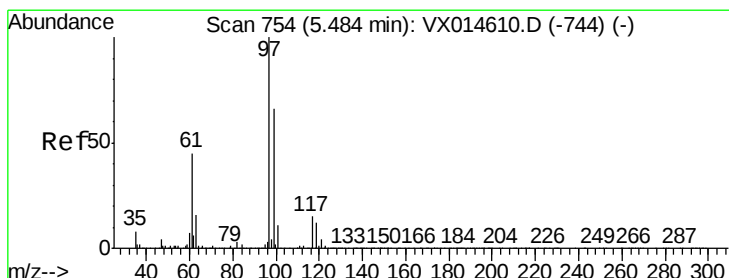
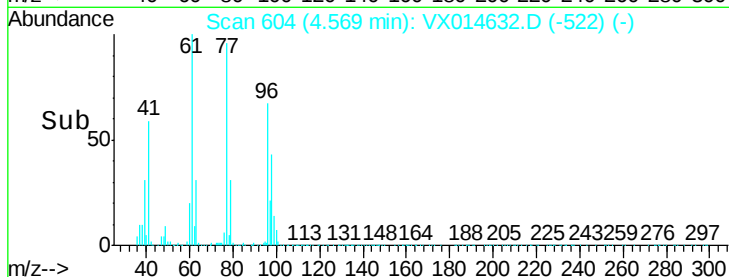
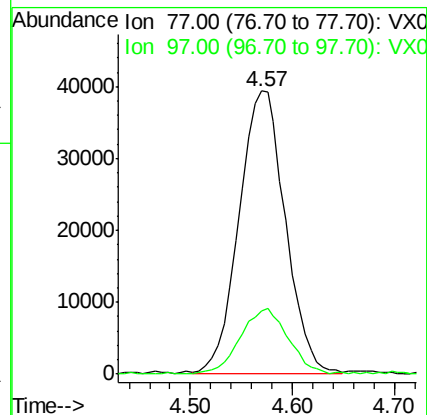
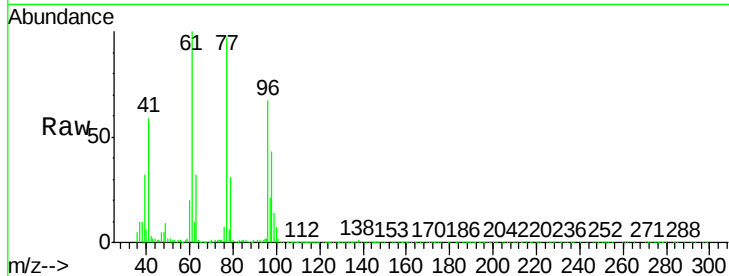
VX0116WBS01

Tot Ion: 77 Resp: 123991

Ion Ratio Lower Upper

77 100

97 23.5 19.7 29.5



#32

1,1,1-Trichloroethane

Concen: 19.437 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

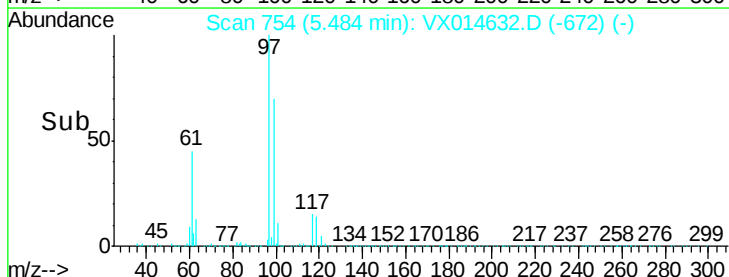
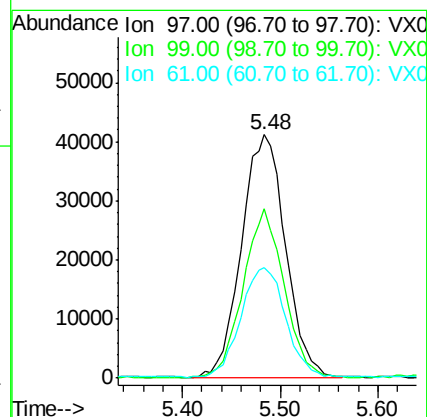
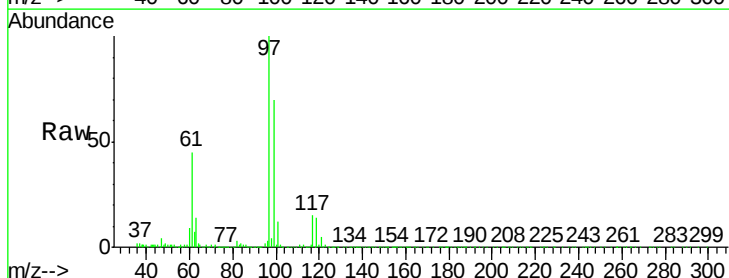
Tgt Ion: 97 Resp: 128194

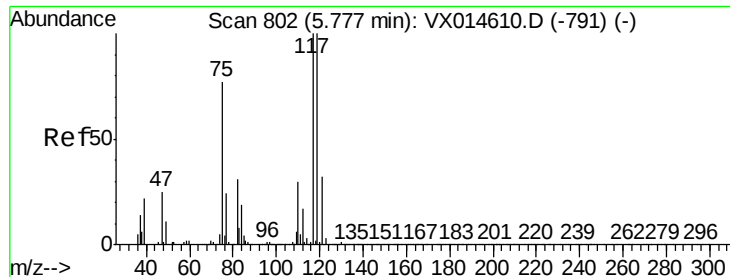
Ion Ratio Lower Upper

97 100

99 65.5 51.9 77.9

61 45.4 36.8 55.2





#33

Carbon Tetrachloride

Concen: 19.643 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.00 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBS01

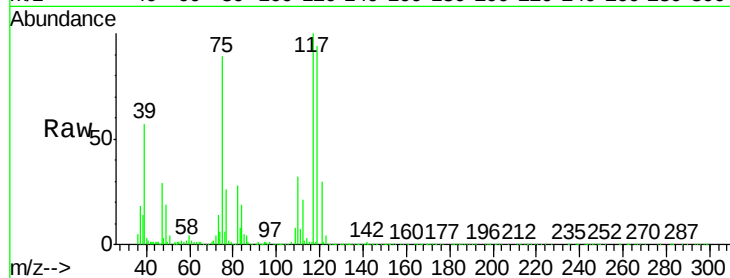
Tot Ion:117 Resp: 111228

Ion Ratio Lower Upper

117 100

119 94.4 77.2 115.8

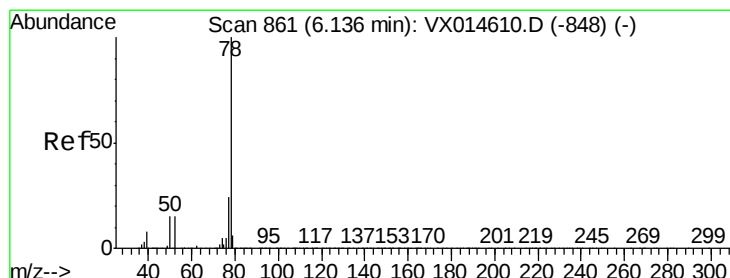
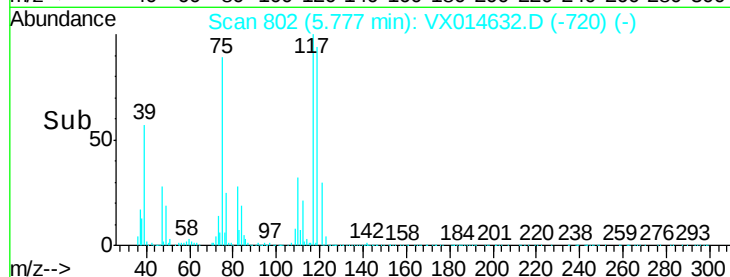
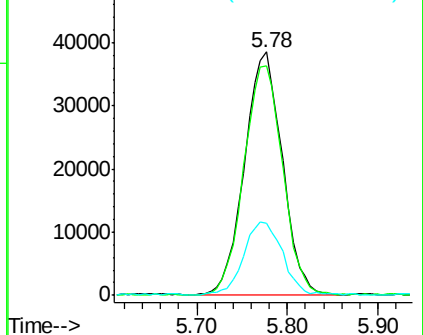
121 29.7 24.8 37.2



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.824 ug/l

RT: 6.13 min Scan# 860

Delta R.T. 0.00 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

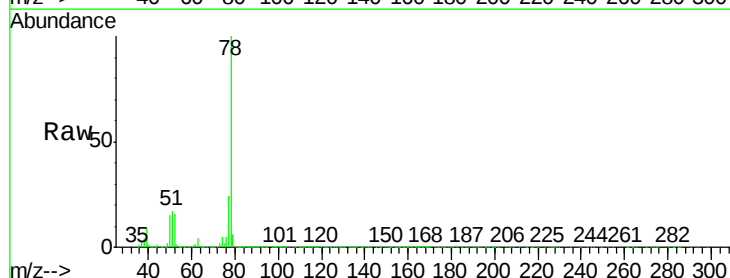
Tgt Ion: 78 Resp: 365190

Ion Ratio Lower Upper

78 100

77 24.0 18.2 27.2

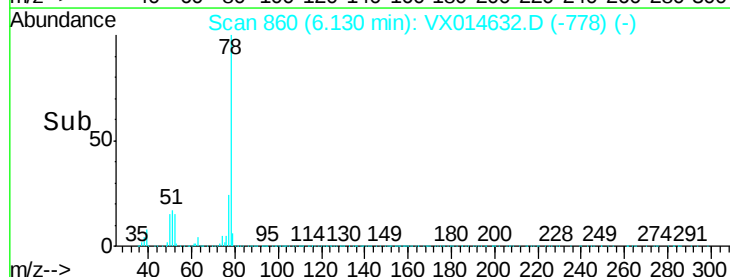
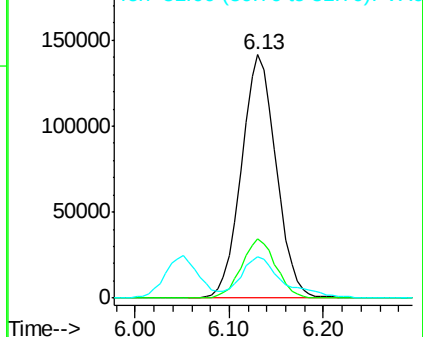
51 16.4 12.4 18.6

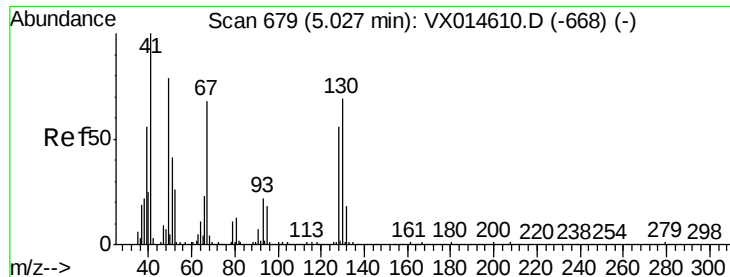


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

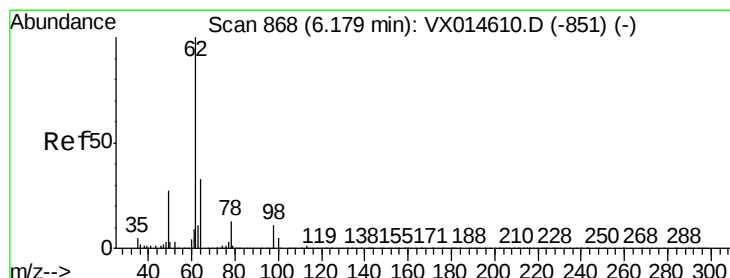
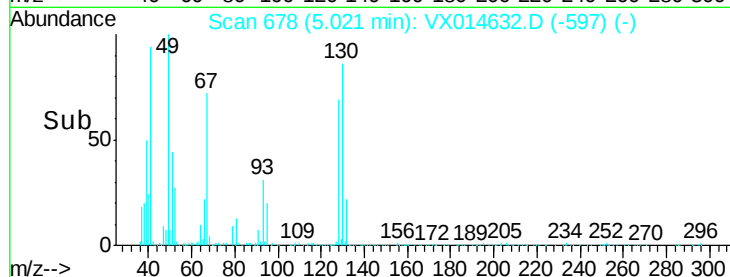
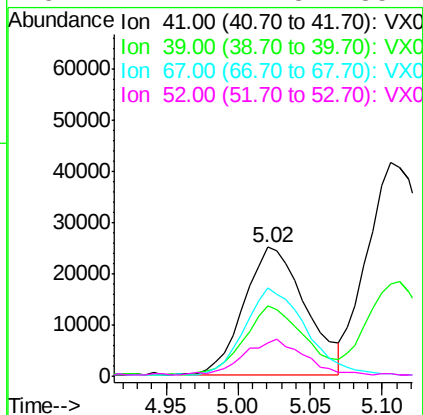
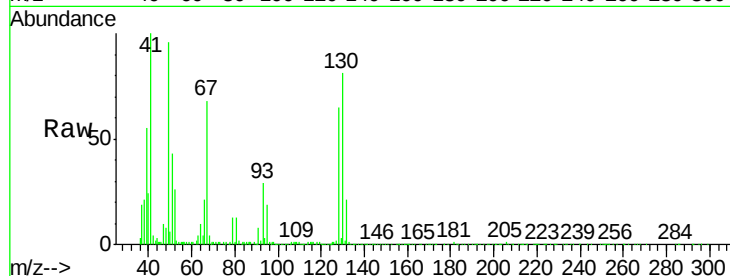




#35
Methacrylonitrile
Concen: 19.631 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

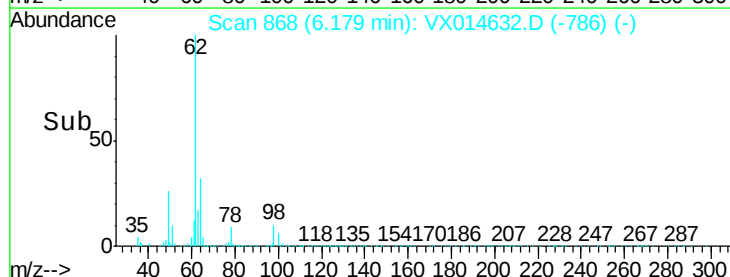
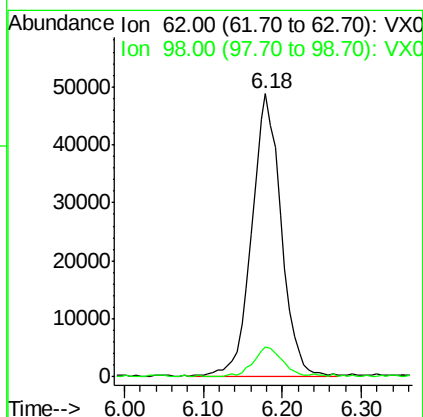
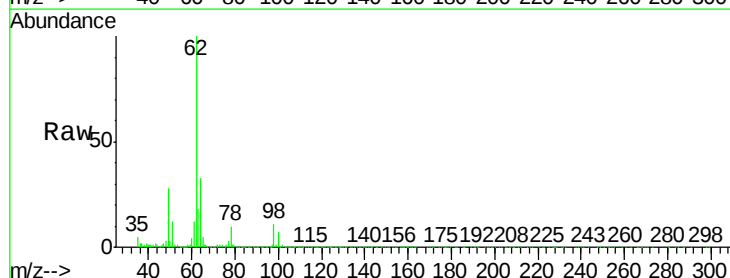
Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01

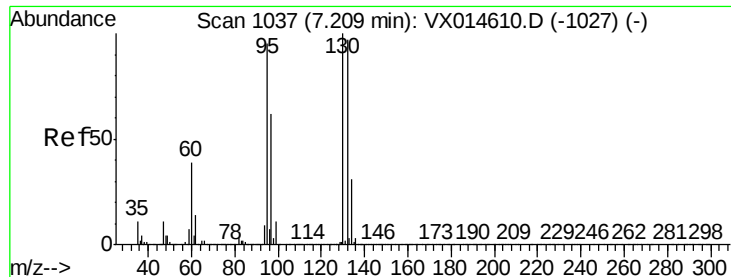
Tot Ion:	41	Resp:	74042
Ion	Ratio	Lower	Upper
41	100		
39	54.5	26.7	80.1
67	67.8	31.5	94.5
52	24.1	12.8	38.4



#36
1,2-Dichloroethane
Concen: 19.624 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

Tgt Ion:	62	Resp:	125807
Ion	Ratio	Lower	Upper
62	100		
98	10.1	8.4	12.6

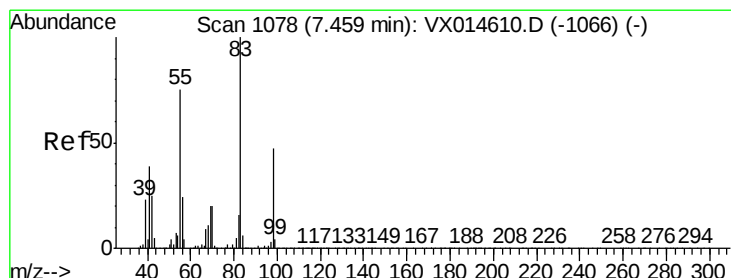
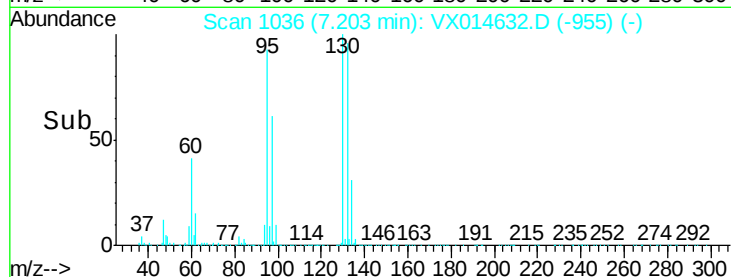
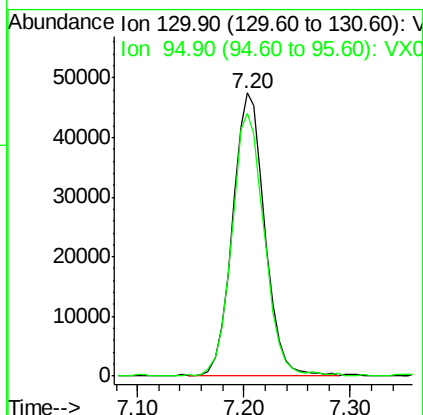
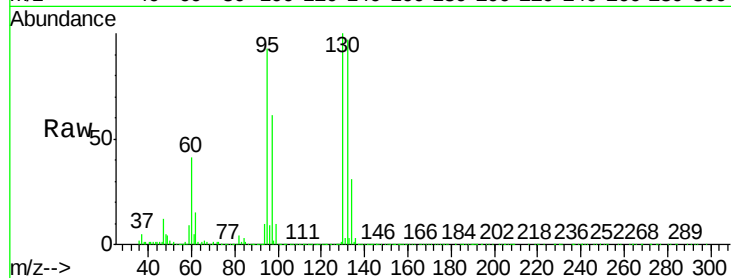




#37
 Trichloroethene
 Concen: 19.792 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014632.D
 Acq: 16 Jan 2020 12:37

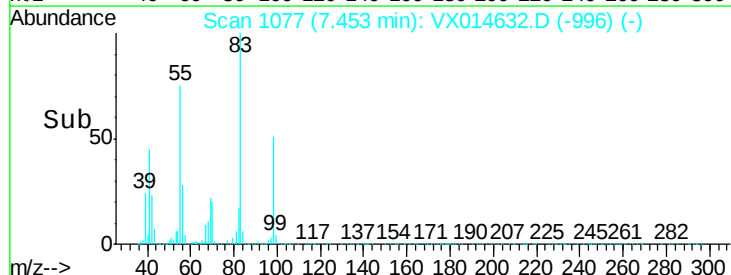
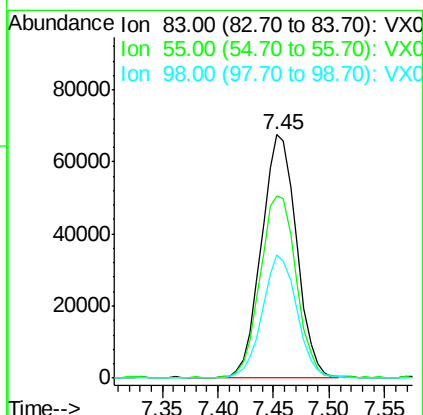
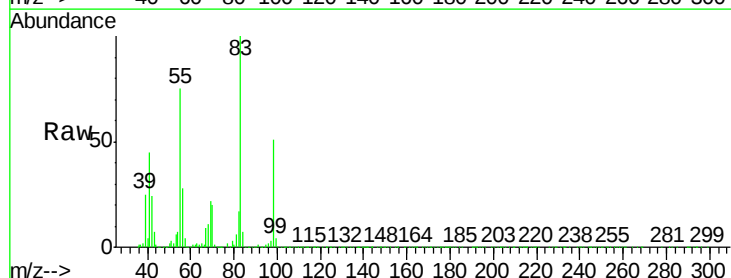
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0116WBS01

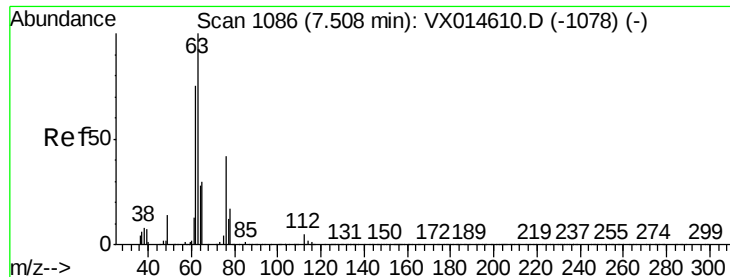
Tot Ion:130 Resp: 99830
 Ion Ratio Lower Upper
 130 100
 95 92.6 71.7 107.5



#38
 Methylcyclohexane
 Concen: 20.085 ug/l
 RT: 7.45 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: VX014632.D
 Acq: 16 Jan 2020 12:37

Tgt Ion: 83 Resp: 149084
 Ion Ratio Lower Upper
 83 100
 55 75.8 39.4 118.1
 98 49.5 25.1 75.3

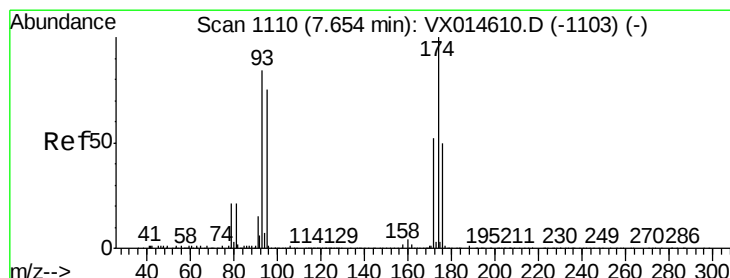
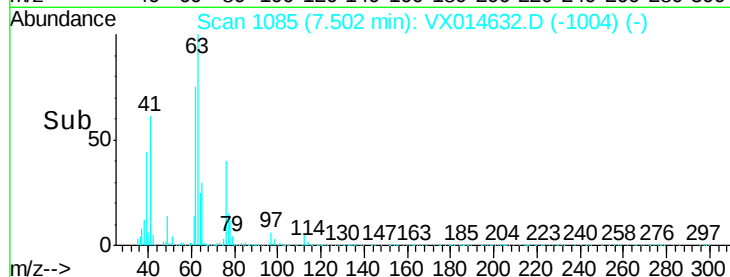
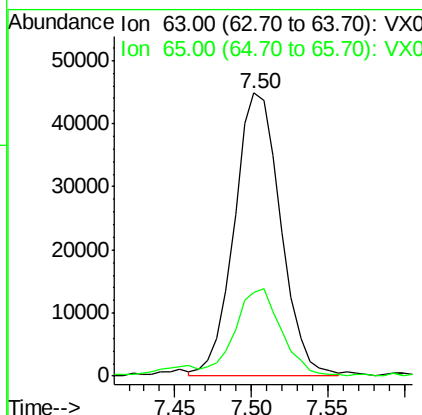
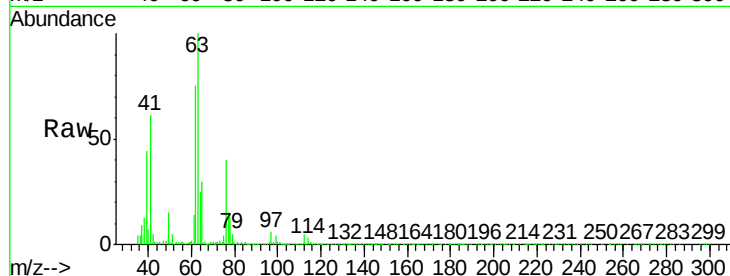




#39
 1,2-Dichloropropane
 Concen: 19.683 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014632.D
 Acq: 16 Jan 2020 12:37

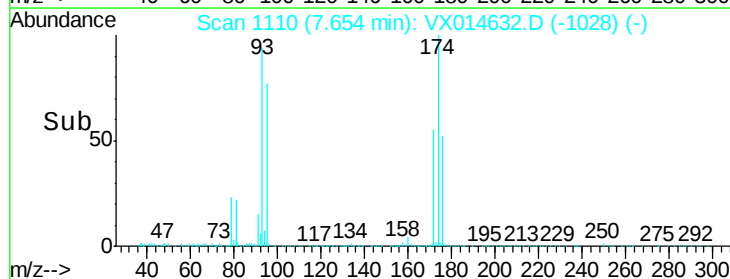
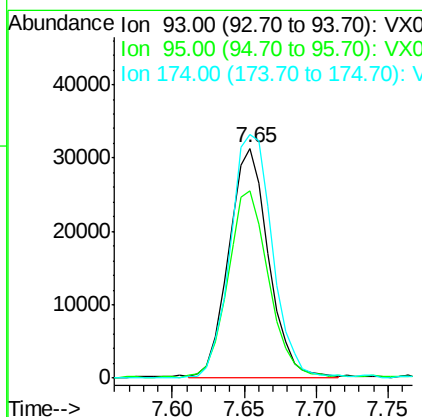
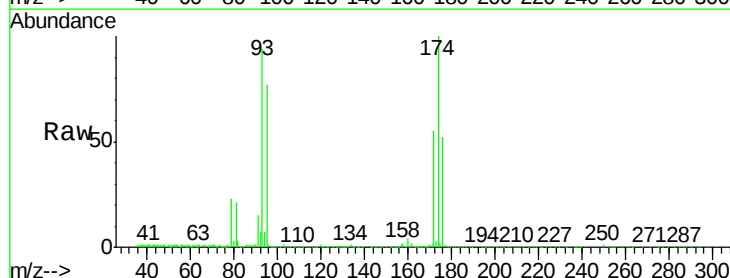
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0116WBS01

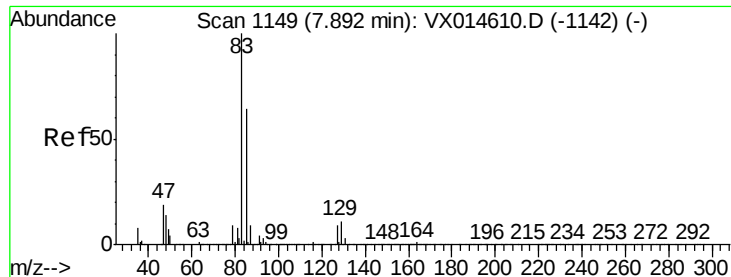
Tot Ion: 63 Resp: 94287
 Ion Ratio Lower Upper
 63 100
 65 29.2 22.1 33.1



#40
 Dibromomethane
 Concen: 19.572 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014632.D
 Acq: 16 Jan 2020 12:37

Tgt Ion: 93 Resp: 60255
 Ion Ratio Lower Upper
 93 100
 95 82.9 0.0 164.4
 174 113.0 0.0 228.8





#41

Bromodichloromethane

Concen: 19.307 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBS01

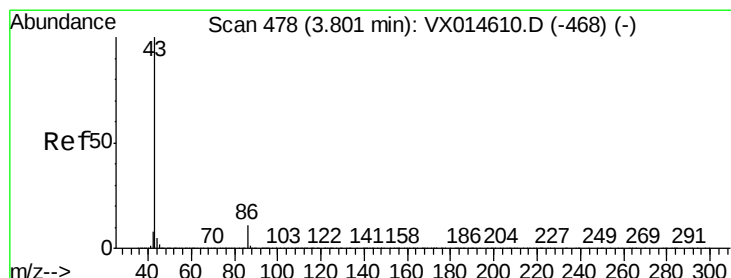
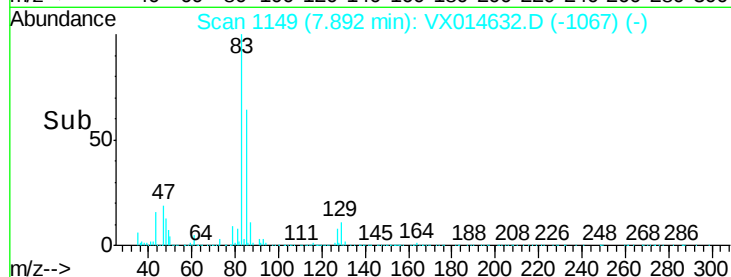
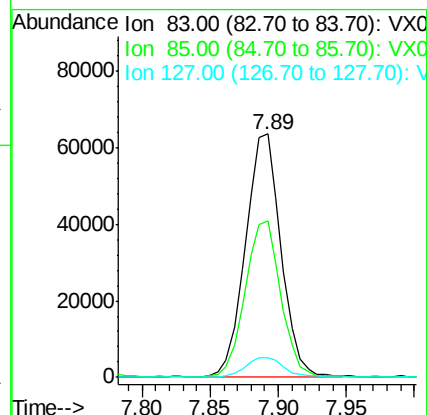
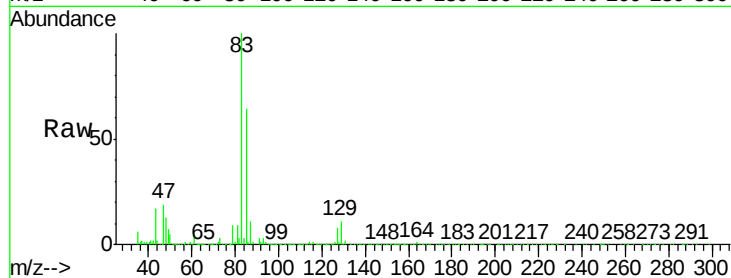
Tot Ion: 83 Resp: 116396

Ion Ratio Lower Upper

83 100

85 64.2 51.6 77.4

127 7.7 6.0 9.0



#42

Vinyl Acetate

Concen: 98.281 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014632.D

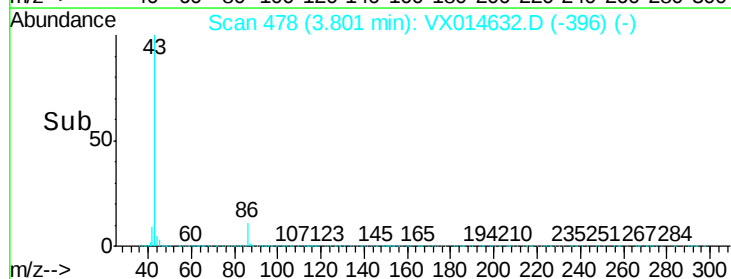
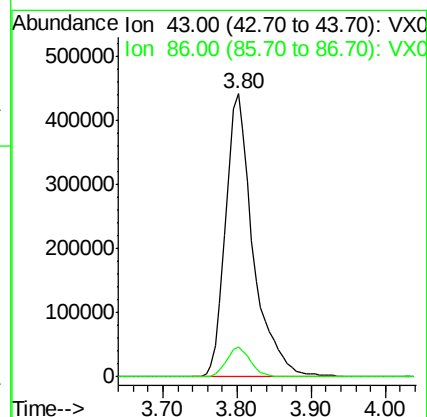
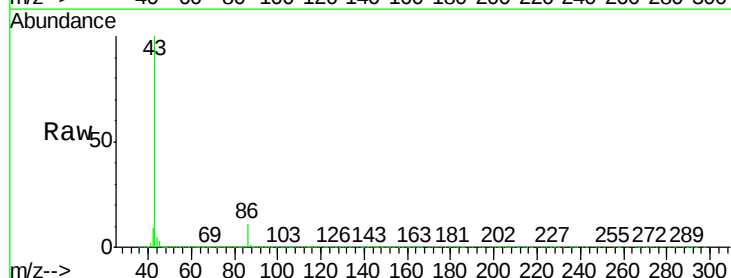
Acq: 16 Jan 2020 12:37

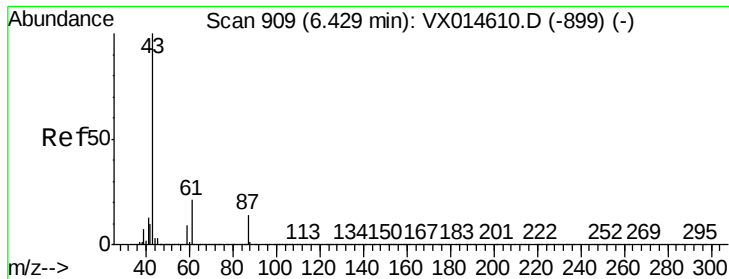
Tgt Ion: 43 Resp: 1143975

Ion Ratio Lower Upper

43 100

86 9.2 7.7 11.5



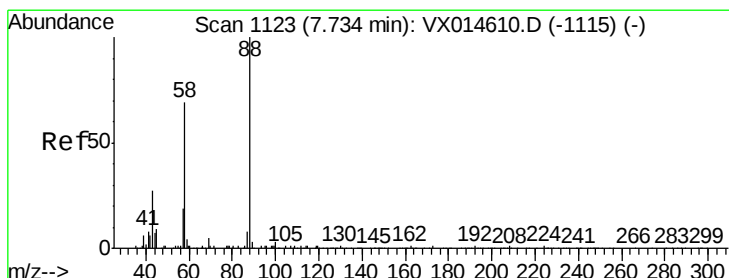
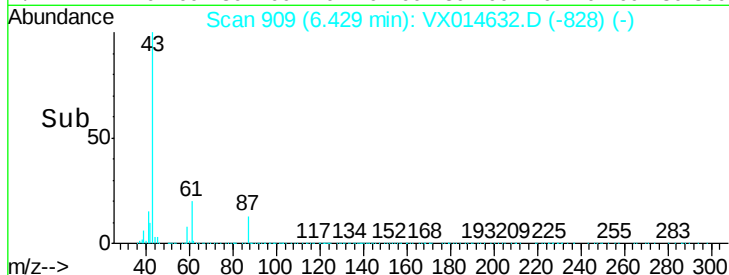
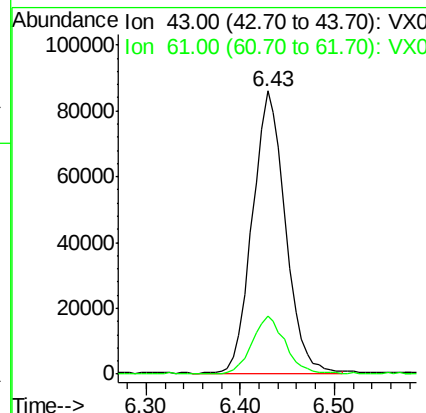
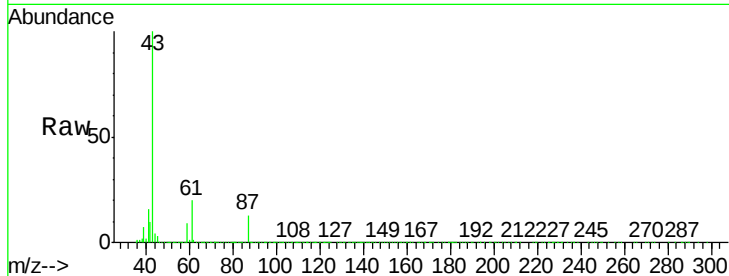


#44

Isopropyl Acetate
 Concen: 19.184 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014632.D
 Acq: 16 Jan 2020 12:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0116WBS01

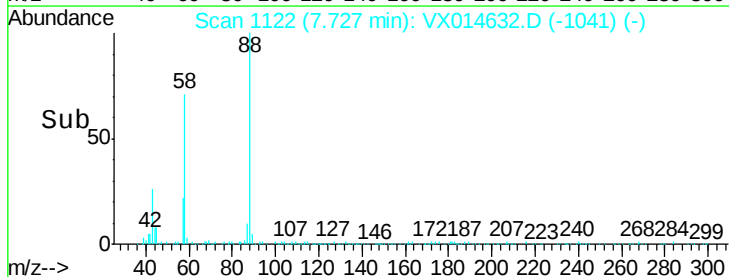
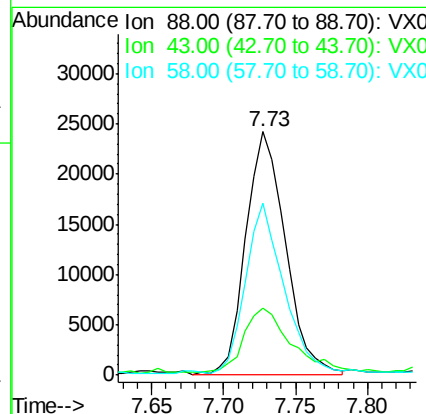
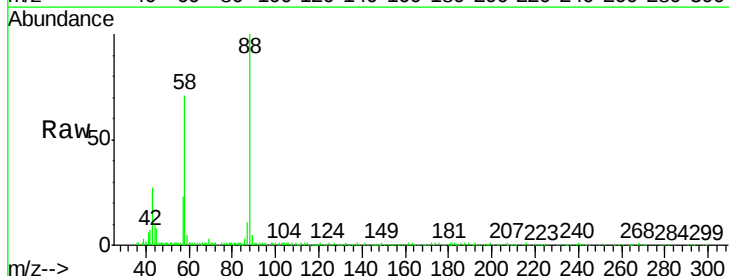
Tot Ion: 43 Resp: 211573
 Ion Ratio Lower Upper
 43 100
 61 20.3 15.9 23.9

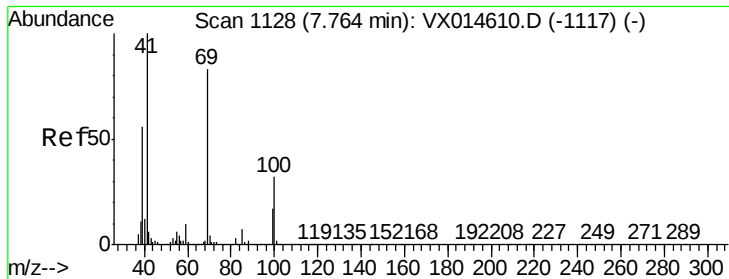


#45

1,4-Dioxane
 Concen: 420.722 ug/l
 RT: 7.73 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: VX014632.D
 Acq: 16 Jan 2020 12:37

Tgt Ion: 88 Resp: 46413
 Ion Ratio Lower Upper
 88 100
 43 31.2 25.4 38.2
 58 66.9 56.5 84.7

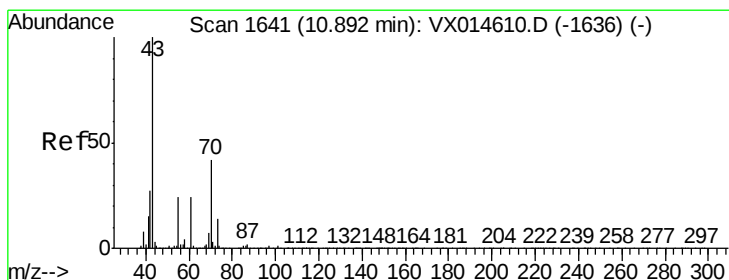
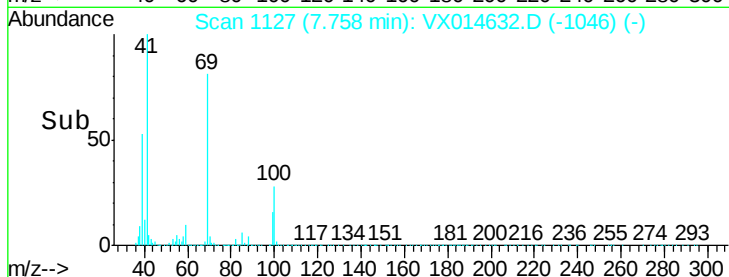
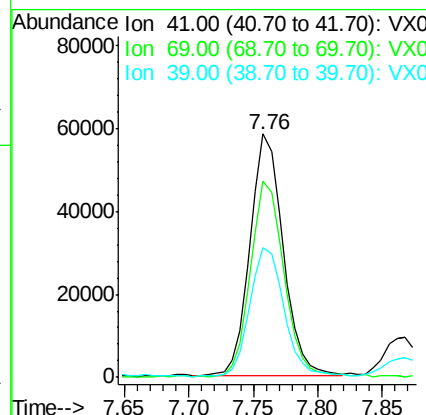
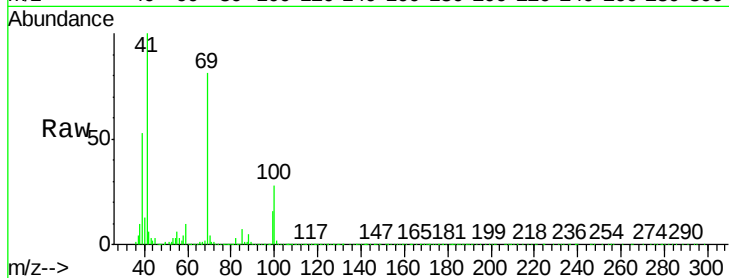




#46
Methyl methacrylate
Concen: 19.245 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

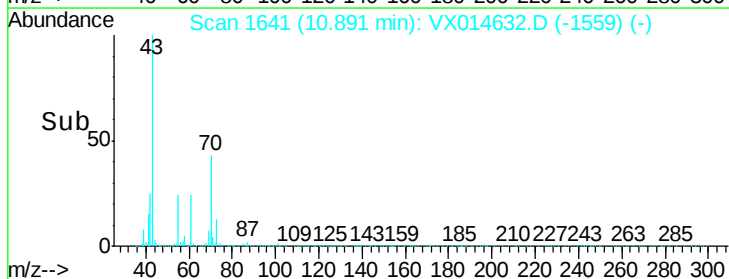
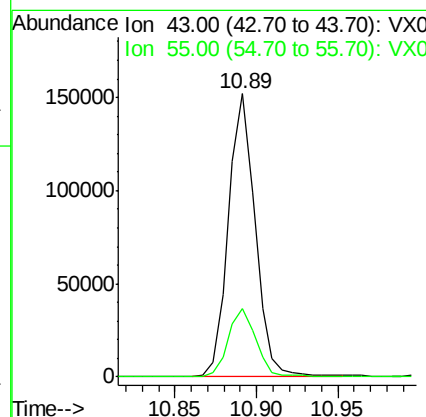
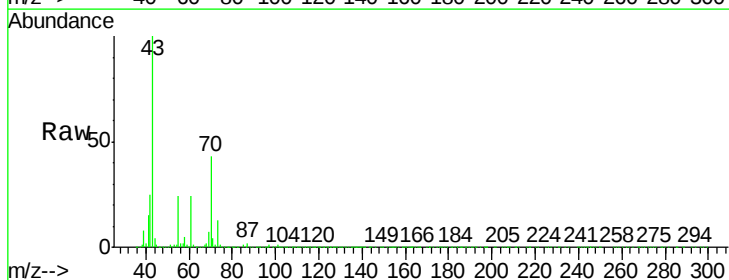
Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01

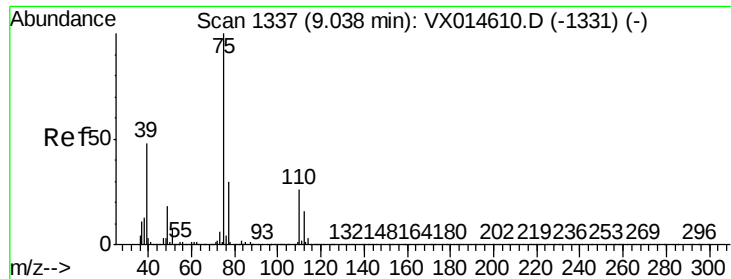
Tot Ion	Ratio	Lower	Upper
41	100		
69	80.6	40.6	122.0
39	53.4	27.8	83.3



#47
n-ethyl acetate
Concen: 18.787 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

Tgt Ion	Ratio	Lower	Upper
43	100		
55	24.7	19.4	29.2





#48

t-1,3-Dichloropropene

Concen: 19.120 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

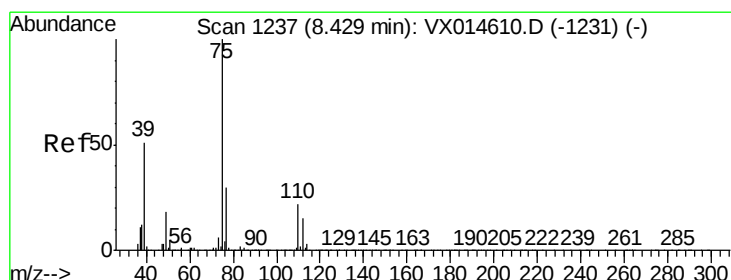
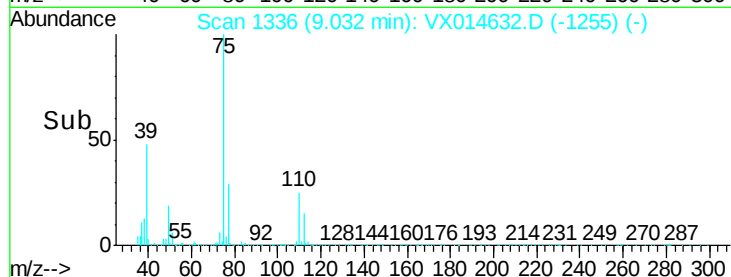
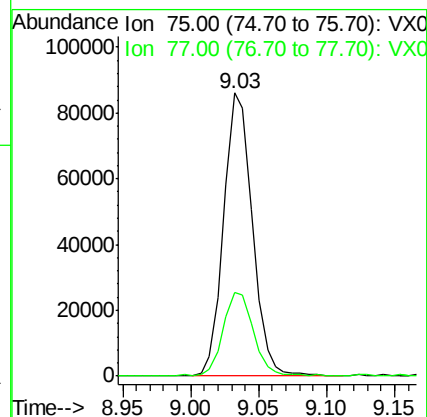
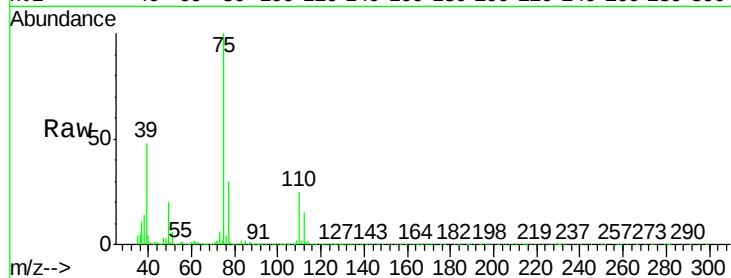
VX0116WBS01

Tot Ion: 75 Resp: 125851

Ion Ratio Lower Upper

75 100

77 29.4 26.0 39.0



#49

cis-1,3-Dichloropropene

Concen: 19.322 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

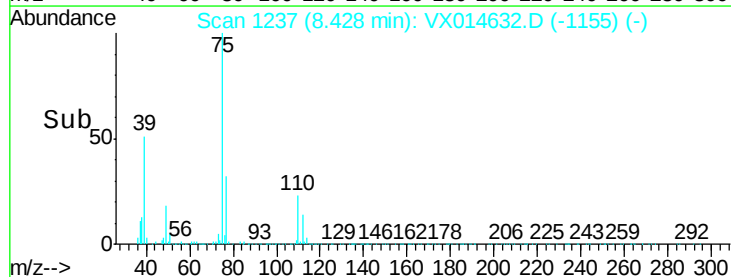
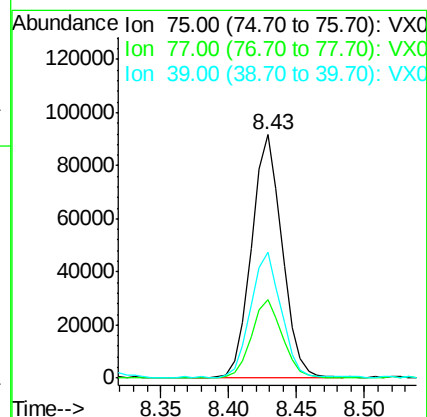
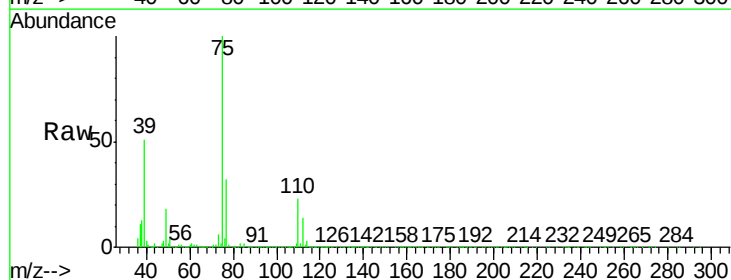
Tgt Ion: 75 Resp: 143306

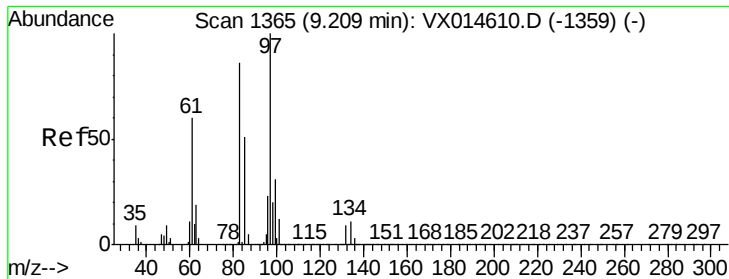
Ion Ratio Lower Upper

75 100

77 32.2 24.8 37.2

39 51.2 41.1 61.7

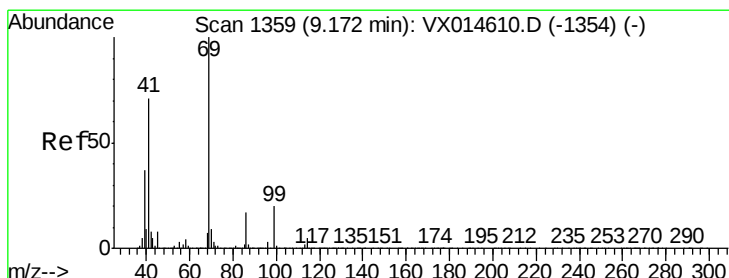
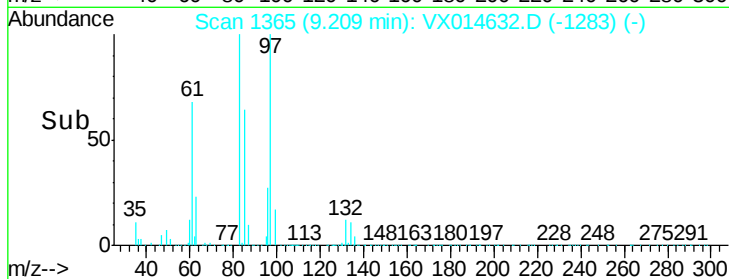
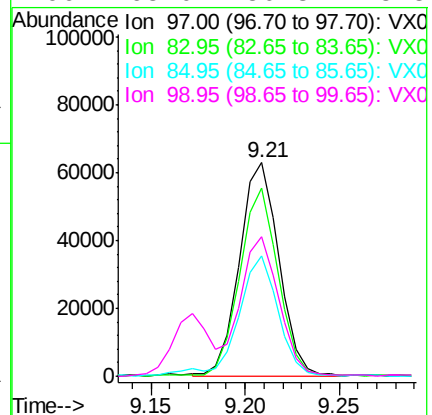
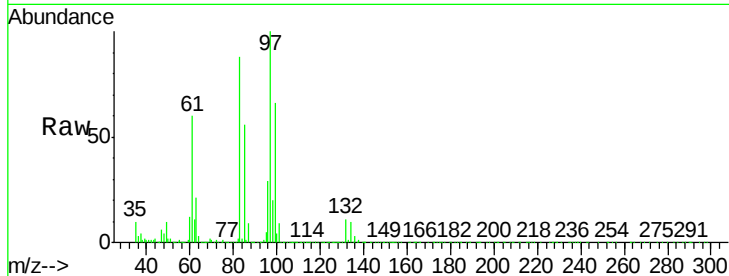




#50
 1,1,2-Trichloroethane
 Concen: 19.472 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014632.D
 Acq: 16 Jan 2020 12:37

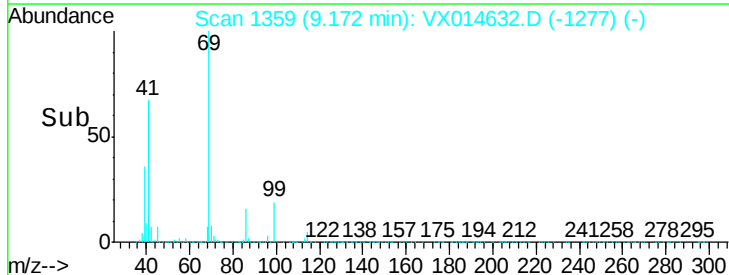
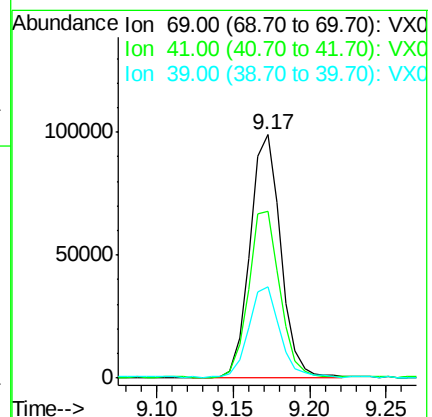
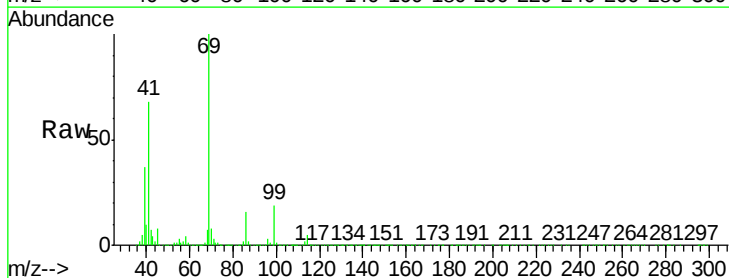
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0116WBS01

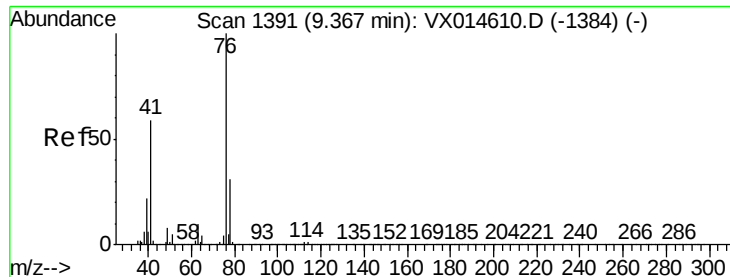
Tot Ion:	97	Resp:	91220
Ion	Ratio	Lower	Upper
97	100		
83	87.6	68.1	102.1
85	56.3	42.7	64.1
99	65.0	50.3	75.5



#51
 Ethyl methacrylate
 Concen: 18.985 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014632.D
 Acq: 16 Jan 2020 12:37

Tgt Ion:	69	Resp:	138476
Ion	Ratio	Lower	Upper
69	100		
41	68.1	35.4	106.1
39	37.0	17.8	53.3





#52

1,3-Dichloropropane

Concen: 19.844 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

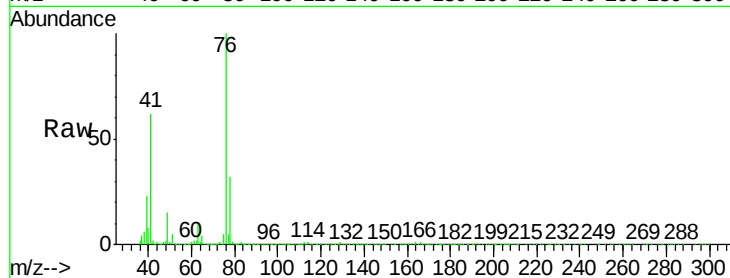
VX0116WBS01

Tot Ion: 76 Resp: 157507

Ion Ratio Lower Upper

76 100

78 32.2 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

9.36

120000

100000

80000

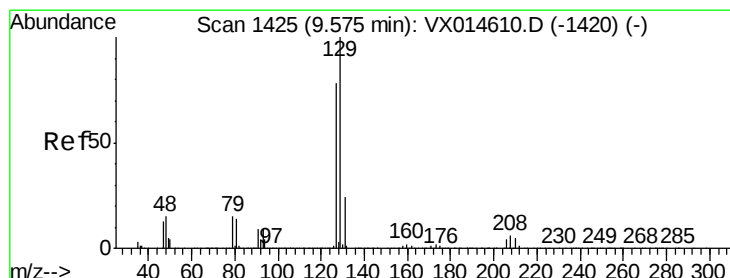
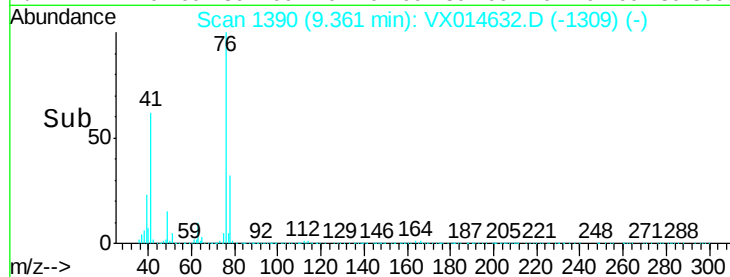
60000

40000

20000

0

Time--> 9.30 9.35 9.40



#53

Dibromochloromethane

Concen: 19.074 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX014632.D

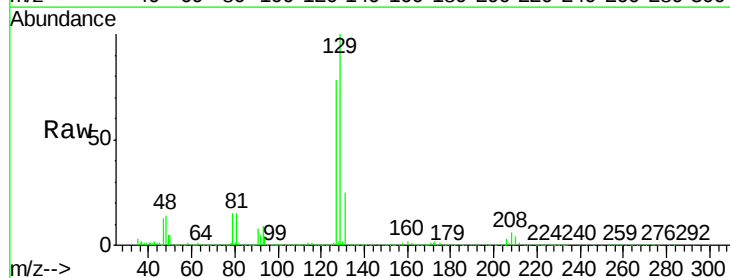
Acq: 16 Jan 2020 12:37

Tgt Ion: 129 Resp: 91396

Ion Ratio Lower Upper

129 100

127 79.0 39.1 117.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

9.57

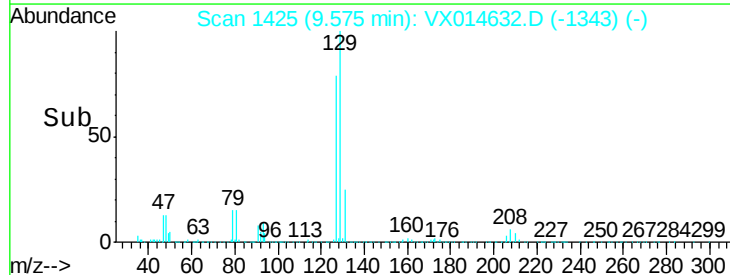
60000

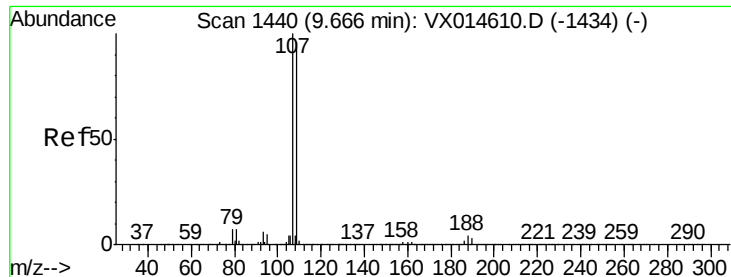
40000

20000

0

Time--> 9.50 9.55 9.60





#54

1,2-Dibromoethane

Concen: 19.736 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

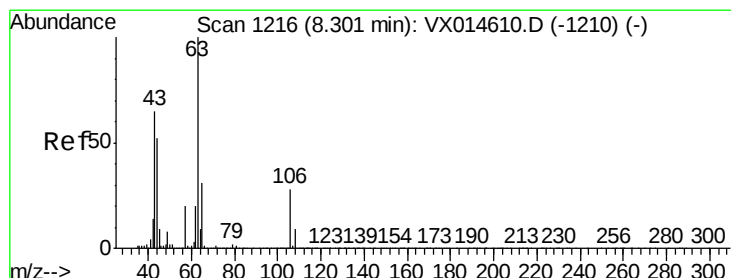
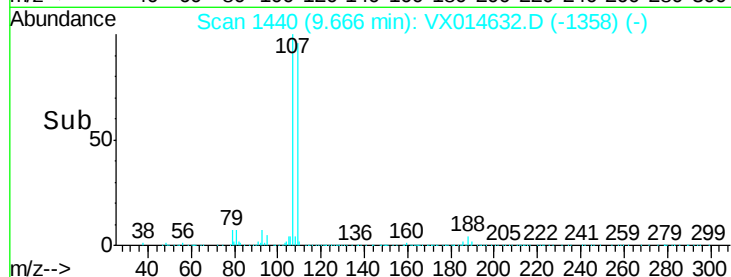
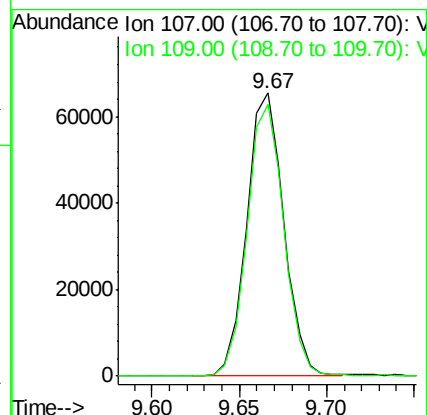
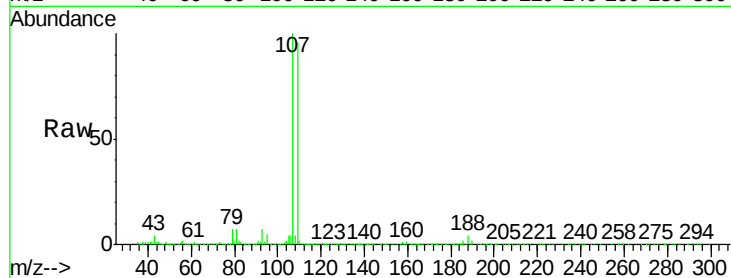
VX0116WBS01

Tot Ion:107 Resp: 95885

Ion Ratio Lower Upper

107 100

109 95.2 77.2 115.8



#55

2-Chloroethyl vinyl ether

Concen: 94.706 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

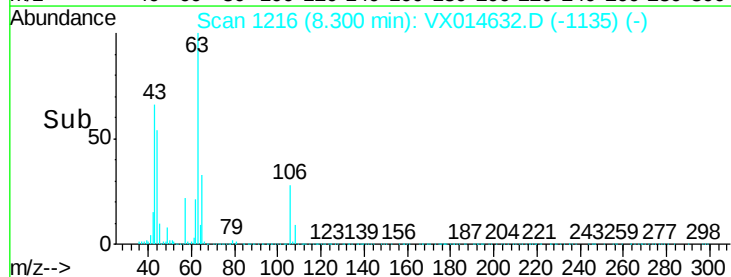
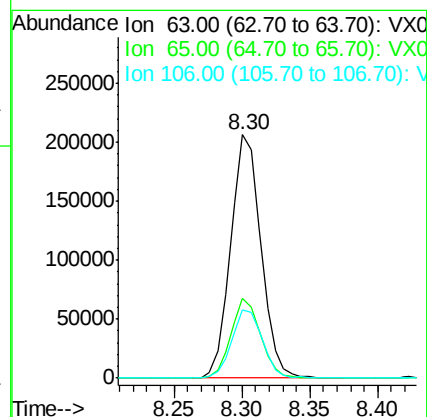
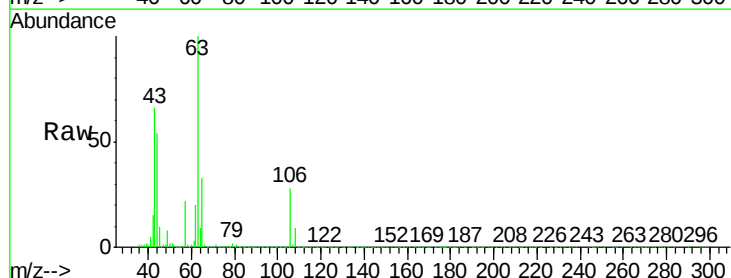
Tgt Ion: 63 Resp: 317477

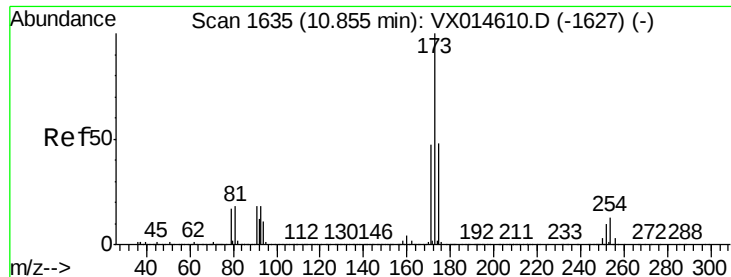
Ion Ratio Lower Upper

63 100

65 32.0 25.8 38.6

106 28.5 22.9 34.3





#56

Bromoform

Concen: 18.089 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBS01

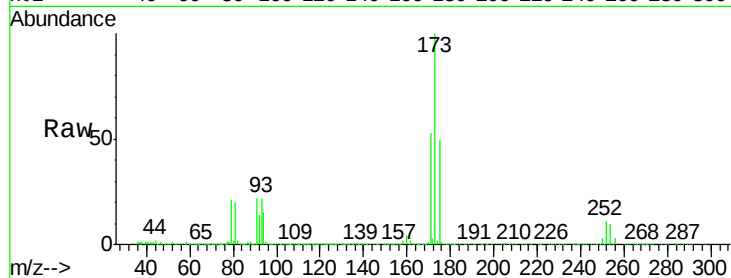
Tot Ion:173 Resp: 66764

Ion Ratio Lower Upper

173 100

175 50.8 39.5 59.3

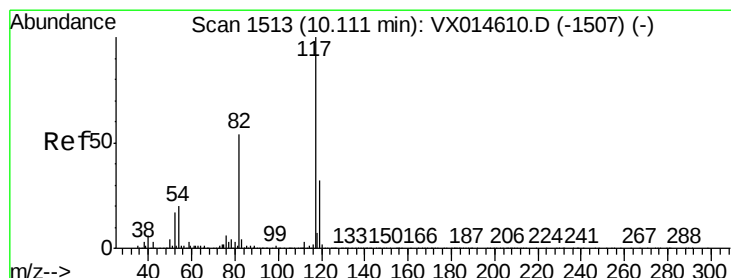
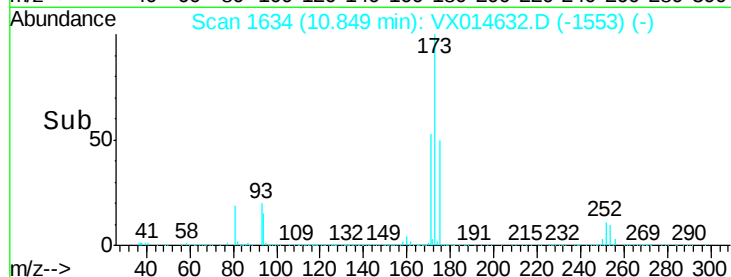
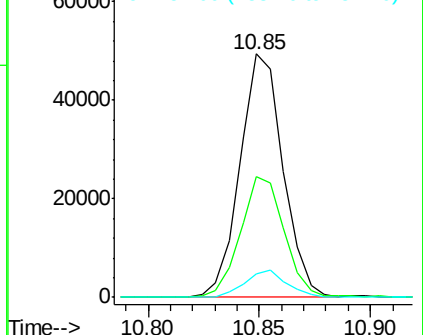
254 10.7 8.2 12.4



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.11 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

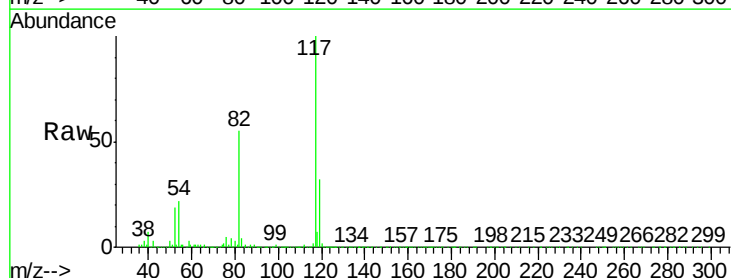
Tgt Ion:117 Resp: 376956

Ion Ratio Lower Upper

117 100

82 53.4 43.8 65.6

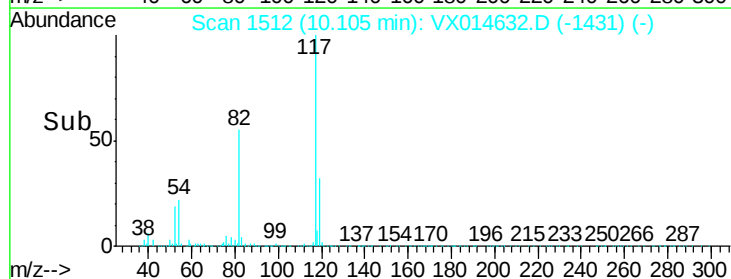
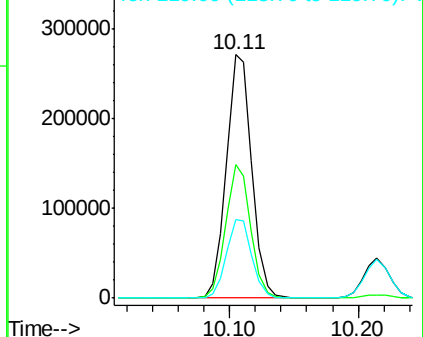
119 32.3 25.8 38.6

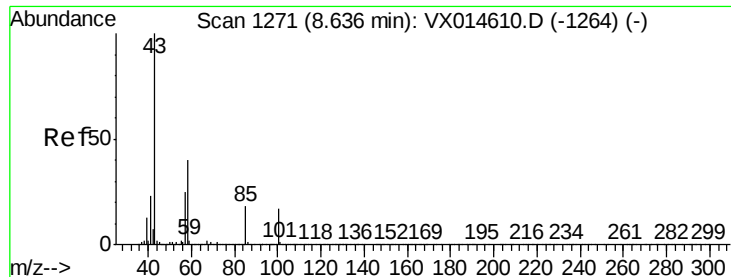


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V

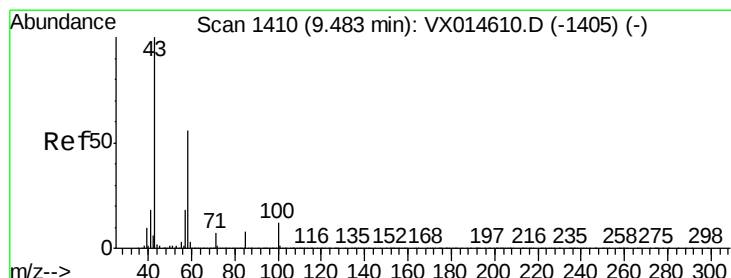
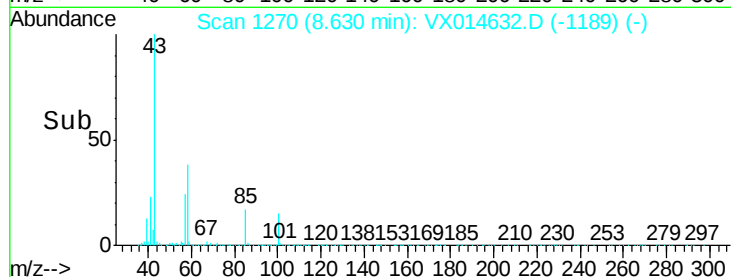
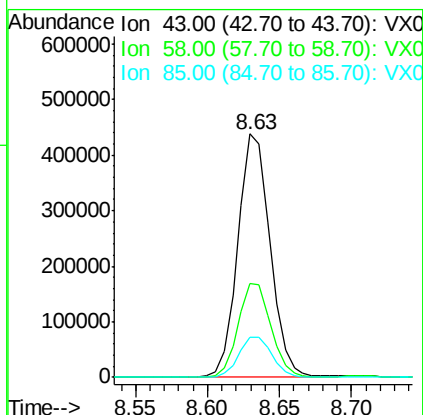
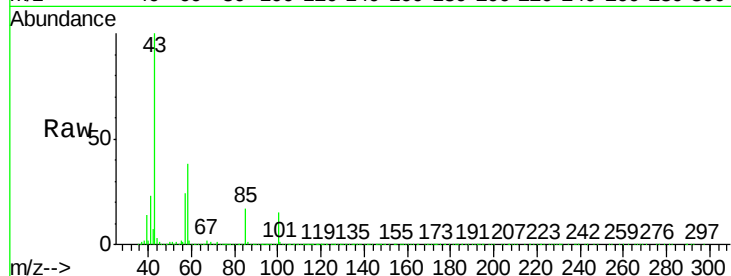




#58
4-Methyl-2-Pentanone
Concen: 96.265 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

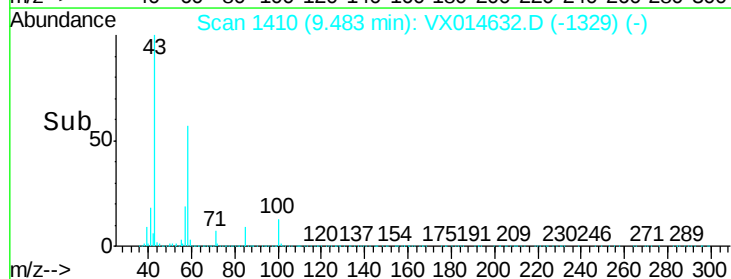
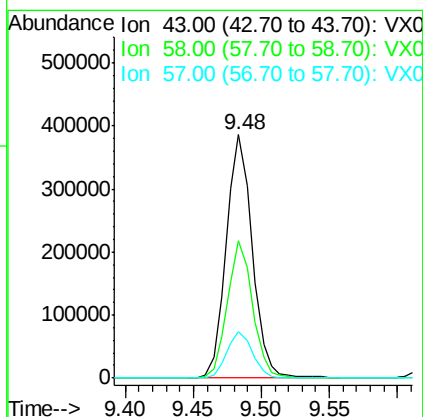
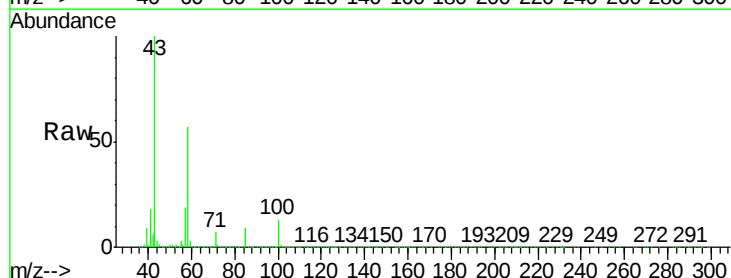
Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01

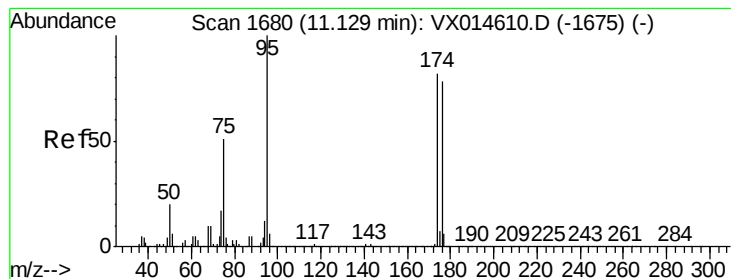
Tot Ion:	43	Resp:	683358
Ion	Ratio	Lower	Upper
43	100		
58	39.1	31.2	46.8
85	17.1	14.2	21.2



#59
2-Hexanone
Concen: 93.307 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

Tgt Ion:	43	Resp:	512257
Ion	Ratio	Lower	Upper
43	100		
58	55.1	43.8	65.6
57	19.0	15.4	23.0





#60

4-Bromofluorobenzene

Concen: 29.612 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBS01

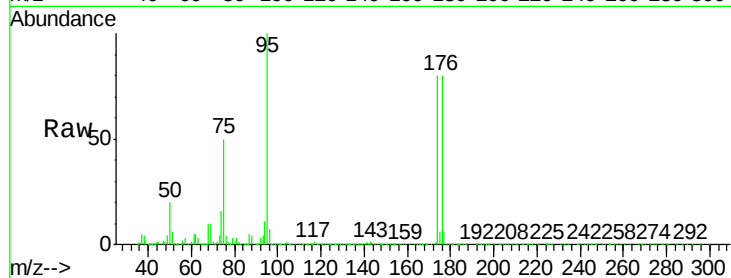
Tot Ion: 95 Resp: 178620

Ion Ratio Lower Upper

95 100

174 88.3 70.2 105.2

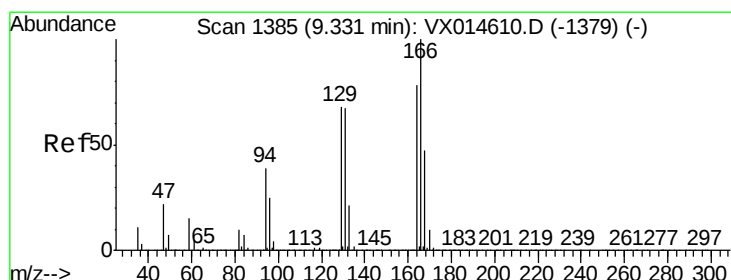
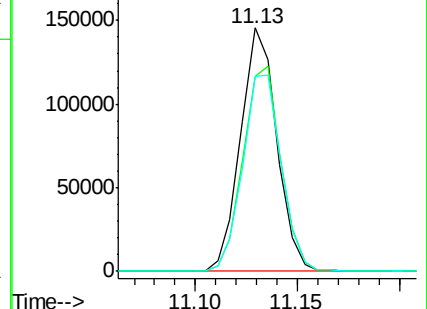
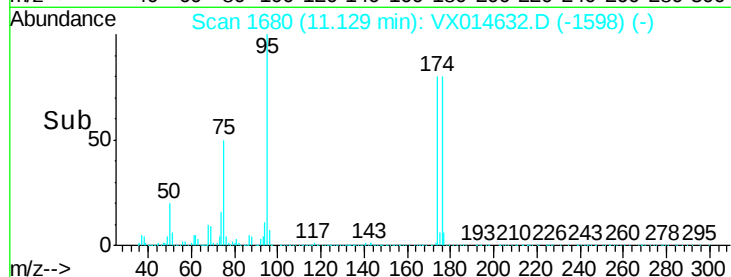
176 86.1 68.3 102.5



Abundance Ion 95.00 (94.70 to 95.70): VX014632.D (-1598) (-)

Ion 174.00 (173.70 to 174.70): VX014632.D (-1598) (-)

Ion 176.00 (175.70 to 176.70): VX014632.D (-1598) (-)



#61

Tetrachloroethene

Concen: 19.726 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Tgt Ion: 164 Resp: 109908

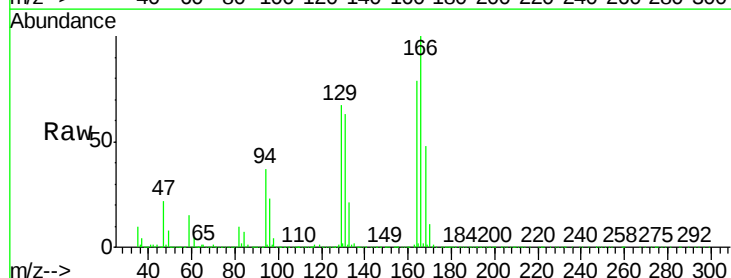
Ion Ratio Lower Upper

164 100

166 126.4 104.2 156.2

129 84.7 71.6 107.4

131 79.4 71.7 107.5

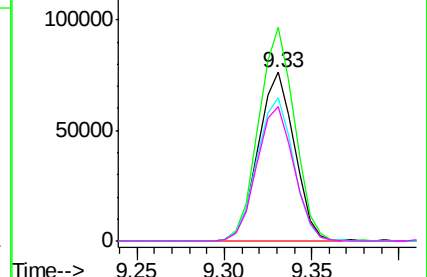
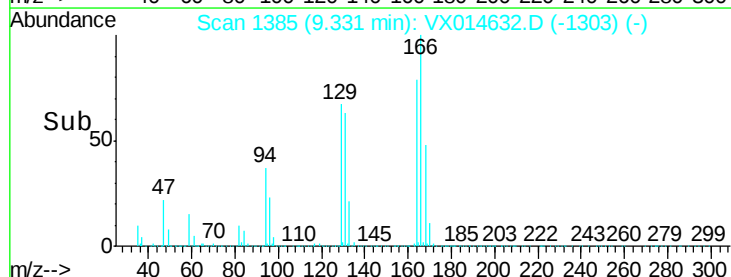


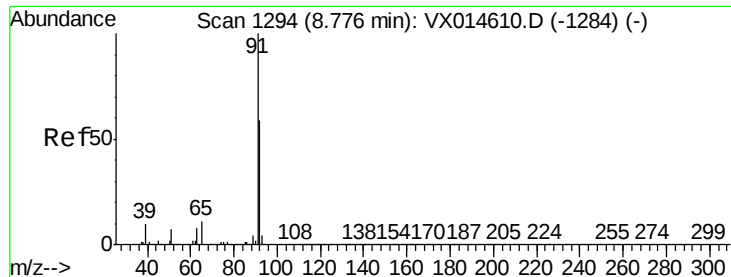
Abundance Ion 163.85 (163.55 to 164.55): VX014632.D (-1303) (-)

Ion 165.80 (165.50 to 166.50): VX014632.D (-1303) (-)

Ion 128.90 (128.60 to 129.60): VX014632.D (-1303) (-)

Ion 130.90 (130.60 to 131.60): VX014632.D (-1303) (-)





#62

Toluene

Concen: 19.262 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

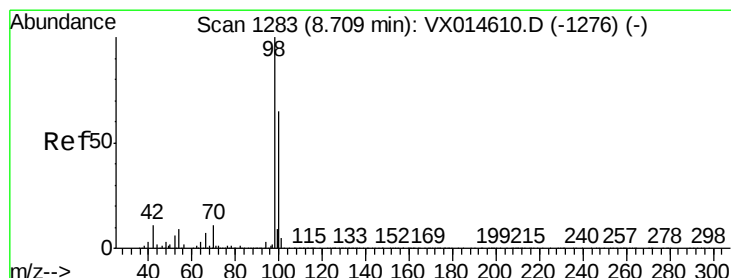
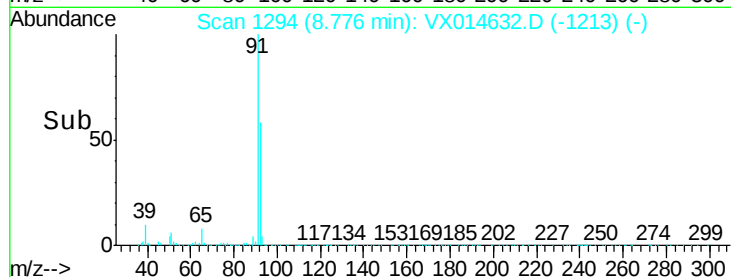
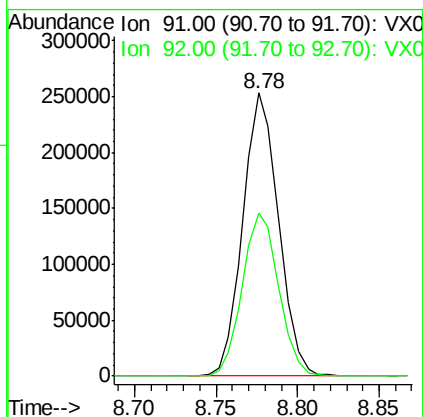
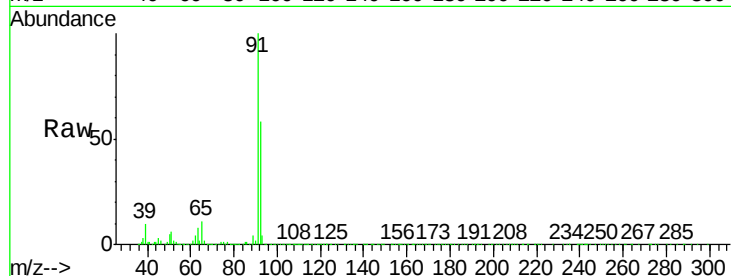
VX0116WBS01

Tot Ion: 91 Resp: 385237

Ion Ratio Lower Upper

91 100

92 59.0 46.4 69.6



#63

Toluene-d8

Concen: 29.951 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014632.D

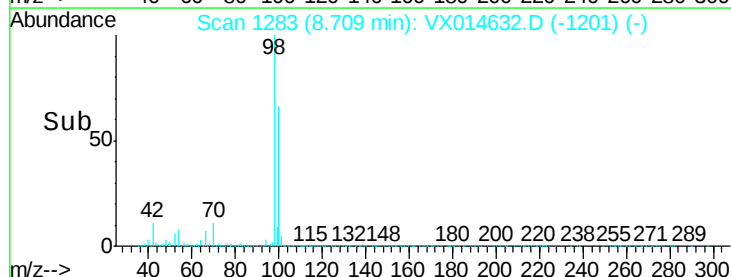
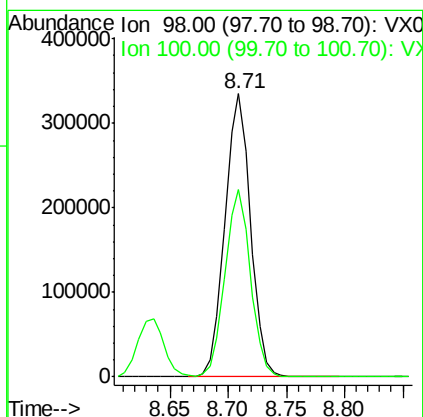
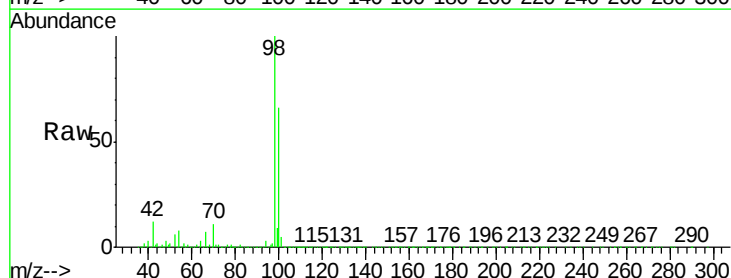
Acq: 16 Jan 2020 12:37

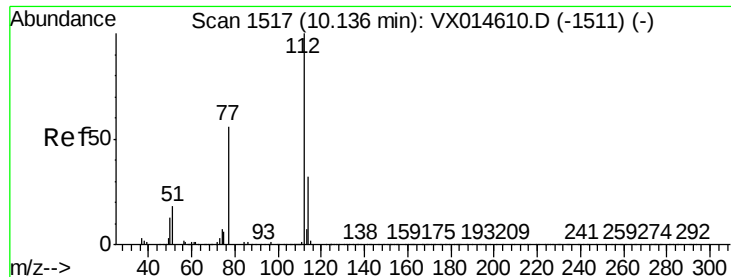
Tgt Ion: 98 Resp: 509977

Ion Ratio Lower Upper

98 100

100 65.4 52.2 78.2





#64

Chlorobenzene

Concen: 19.138 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

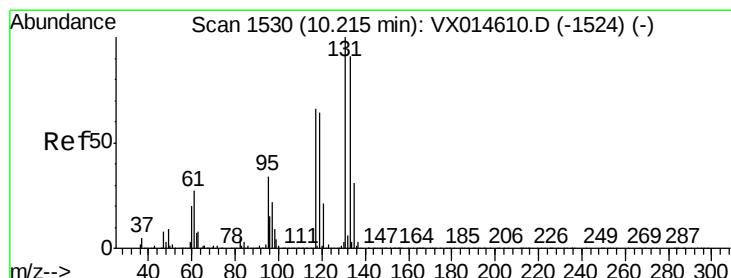
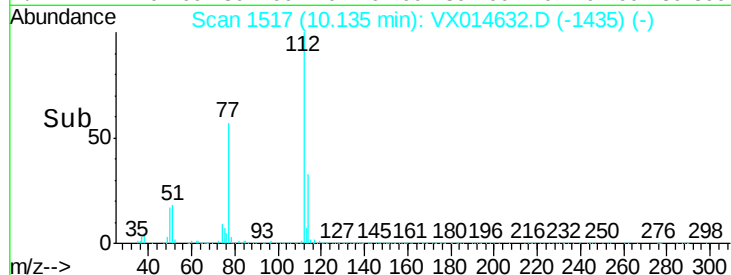
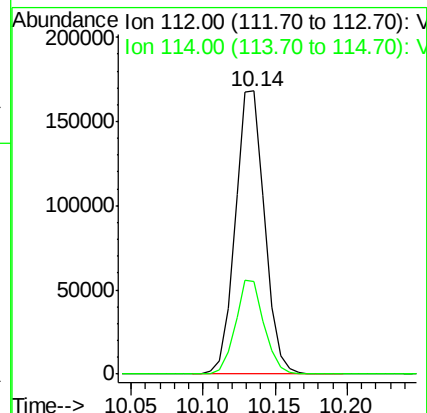
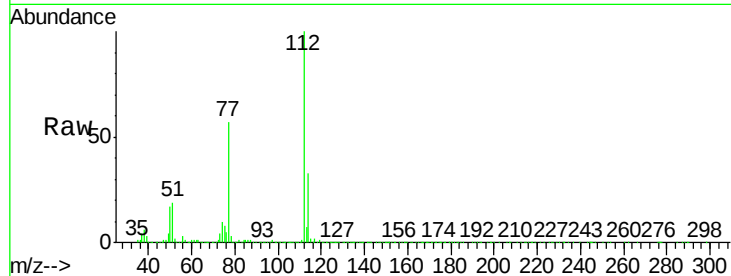
VX0116WBS01

Tot Ion:112 Resp: 238934

Ion Ratio Lower Upper

112 100

114 32.8 24.4 36.6



#65

1,1,1,2-Tetrachloroethane

Concen: 19.040 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

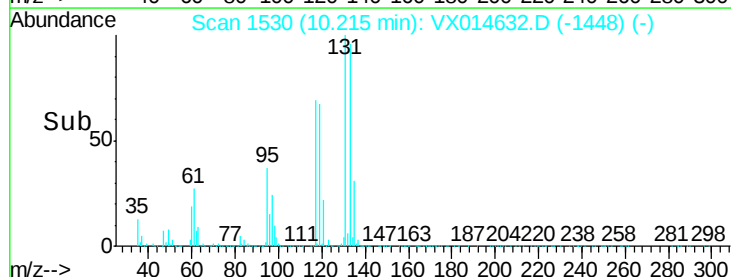
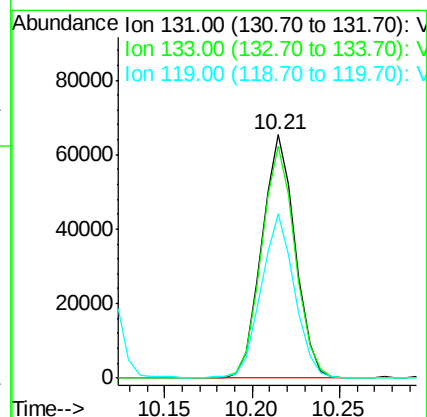
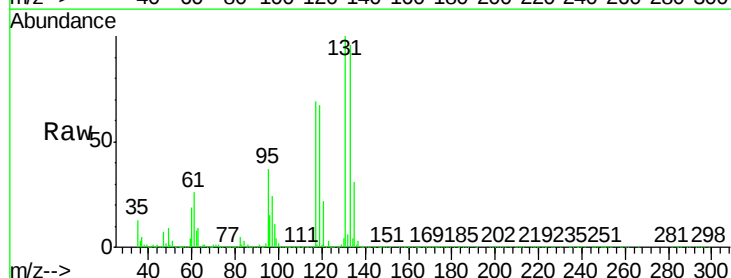
Tgt Ion:131 Resp: 87796

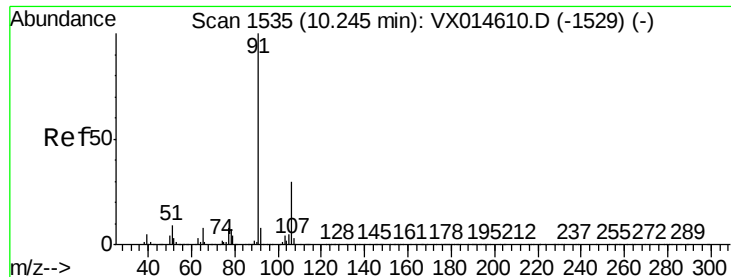
Ion Ratio Lower Upper

131 100

133 95.6 0.0 189.8

119 66.8 0.0 132.2





#66

Ethyl Benzene

Concen: 19.594 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

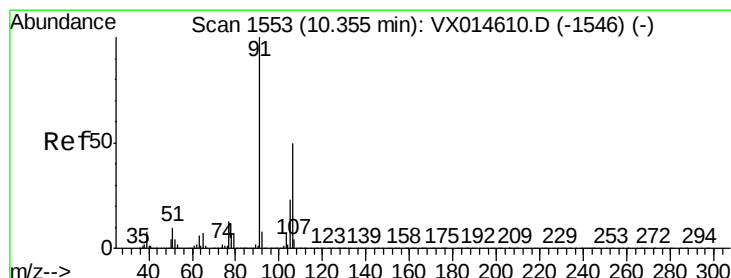
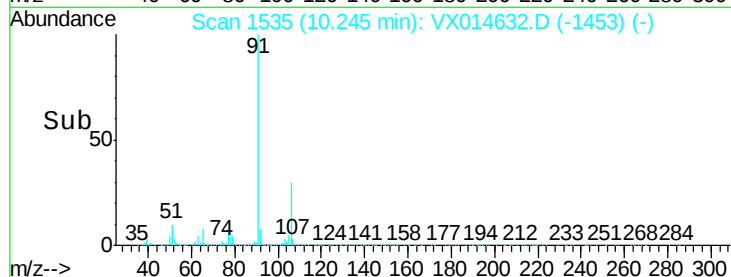
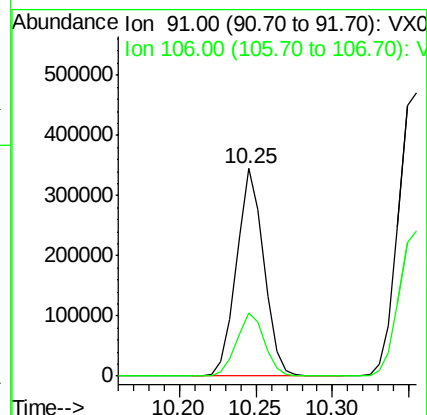
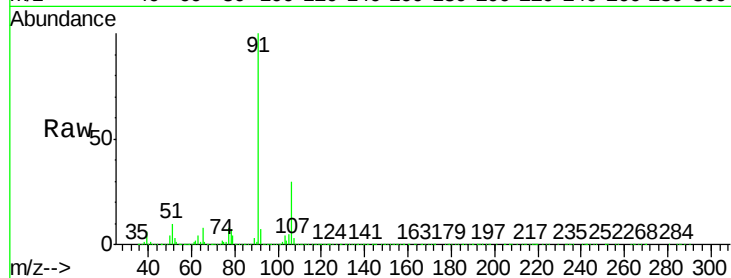
VX0116WBS01

Tot Ion: 91 Resp: 426827

Ion Ratio Lower Upper

91 100

106 30.3 24.2 36.2



#67

m/p-Xylenes

Concen: 39.042 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014632.D

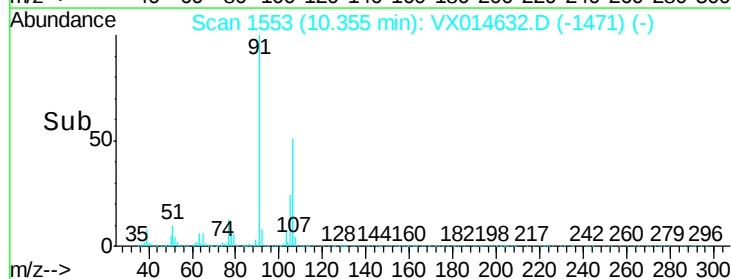
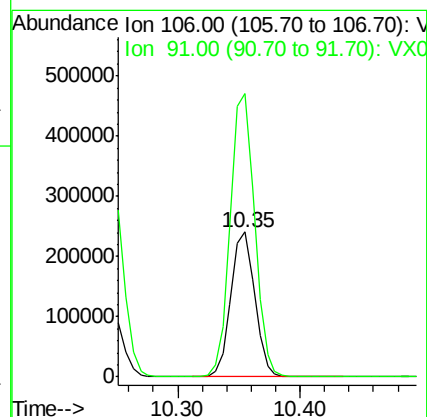
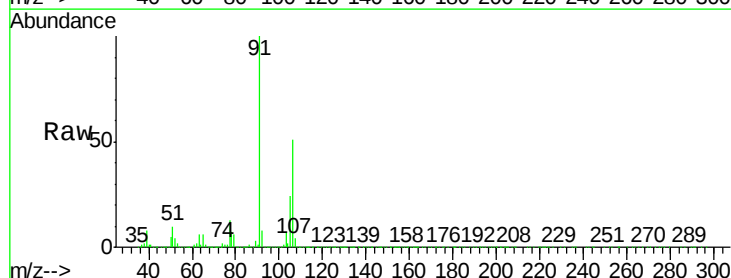
Acq: 16 Jan 2020 12:37

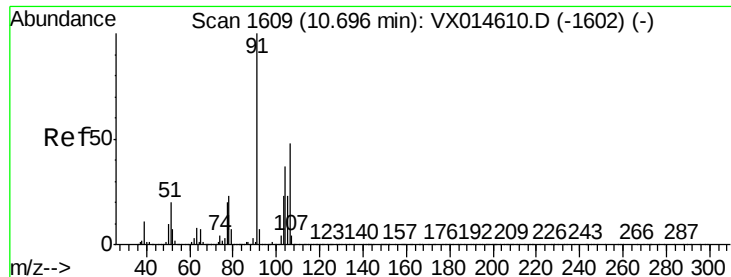
Tgt Ion: 106 Resp: 325769

Ion Ratio Lower Upper

106 100

91 198.7 159.3 238.9

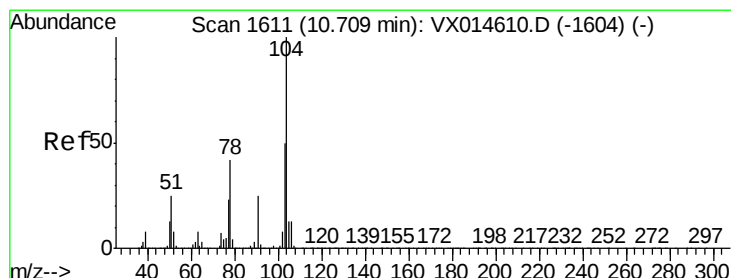
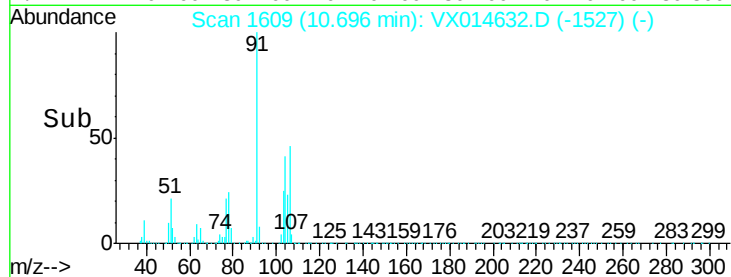
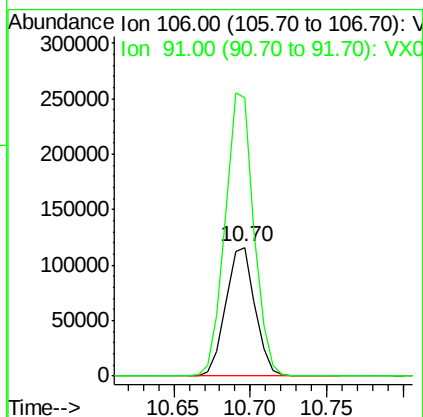
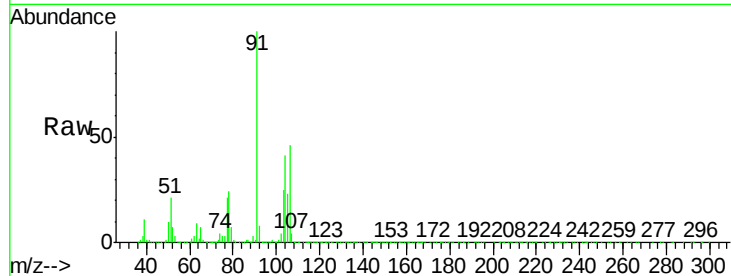




#68
o-Xylene
Concen: 19.004 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

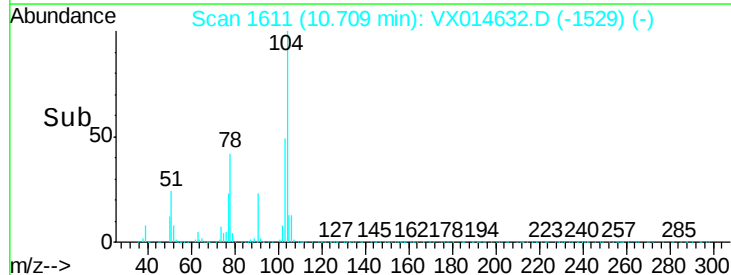
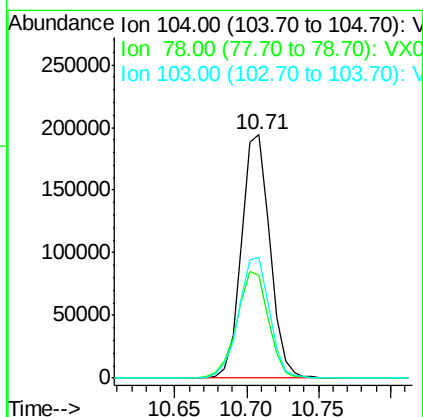
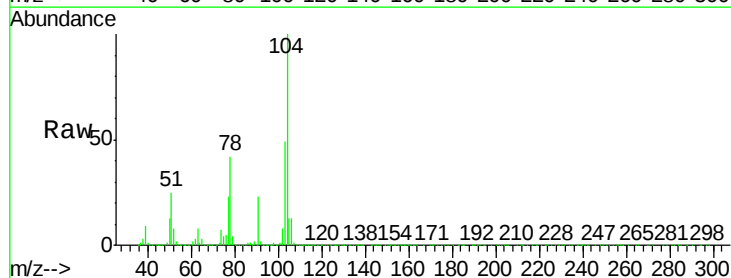
Instrument :
MSVOA_X
ClientSampled :
VX0116WBS01

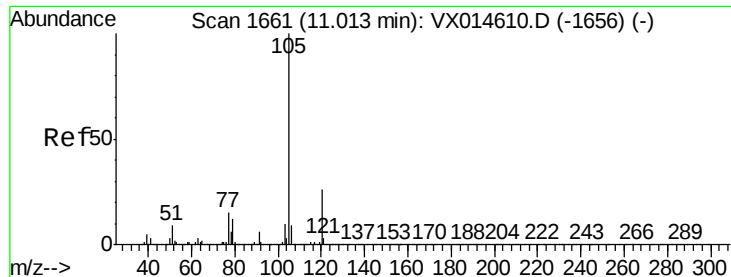
Tot Ion:106 Resp: 154412
Ion Ratio Lower Upper
106 100
91 214.4 104.8 314.6



#69
Styrene
Concen: 19.221 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

Tgt Ion:104 Resp: 264613
Ion Ratio Lower Upper
104 100
78 48.7 38.9 58.3
103 54.1 44.2 66.2





#70

Isopropylbenzene

Concen: 19.564 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

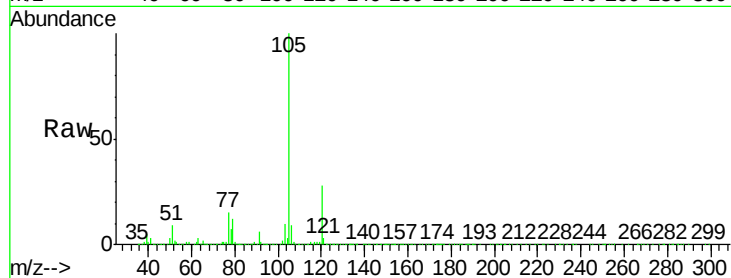
VX0116WBS01

Tot Ion:105 Resp: 416436

Ion Ratio Lower Upper

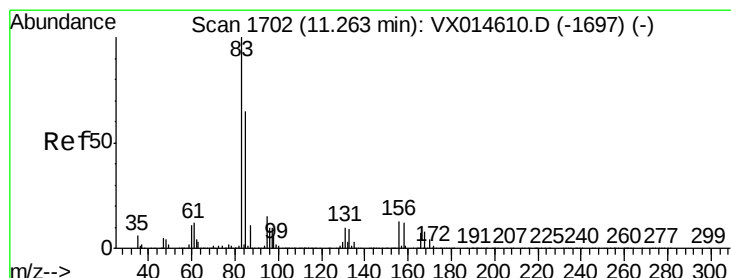
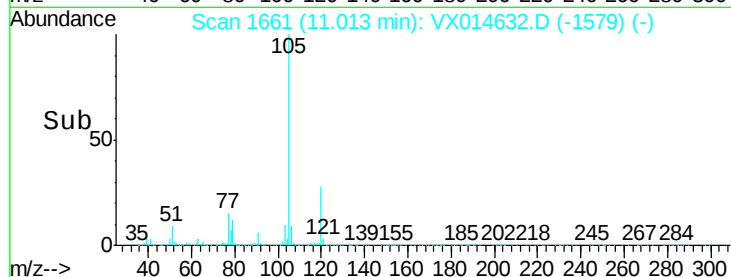
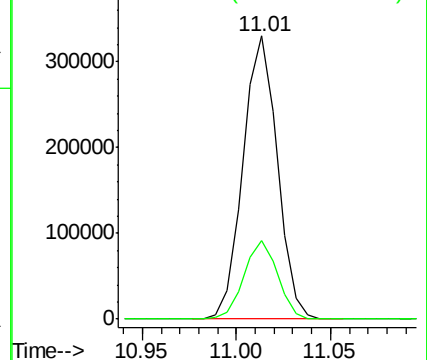
105 100

120 27.5 19.1 35.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#71

1,1,2,2-Tetrachloroethane

Concen: 18.893 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

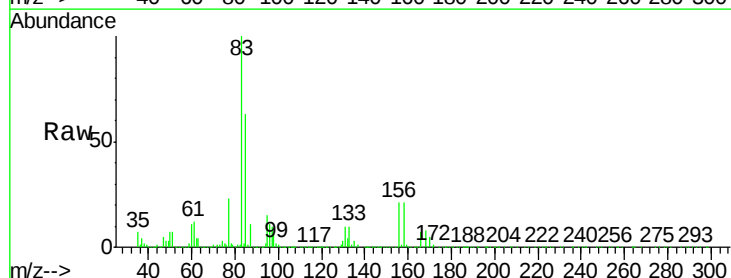
Tgt Ion: 83 Resp: 135468

Ion Ratio Lower Upper

83 100

131 10.5 4.9 14.7

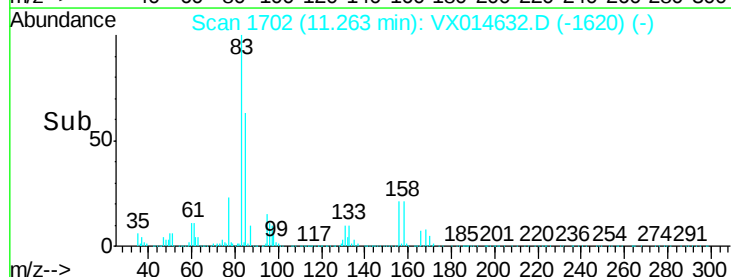
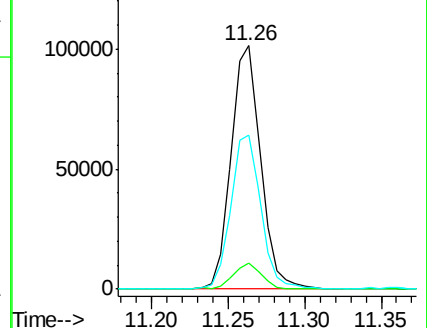
85 64.0 31.6 94.7

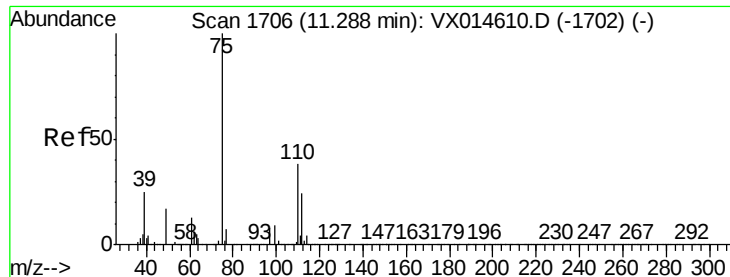


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0





#72

1,2,3-Trichloropropane

Concen: 25.505 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Instrument :

MSVOA_X

ClientSampled :

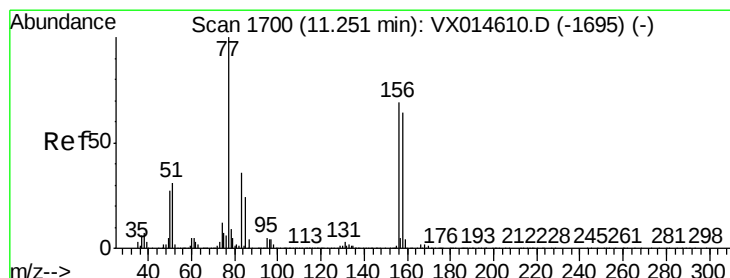
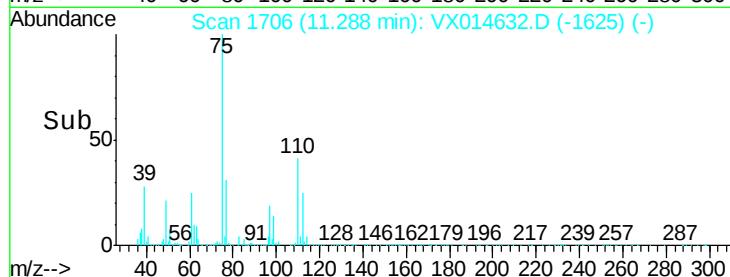
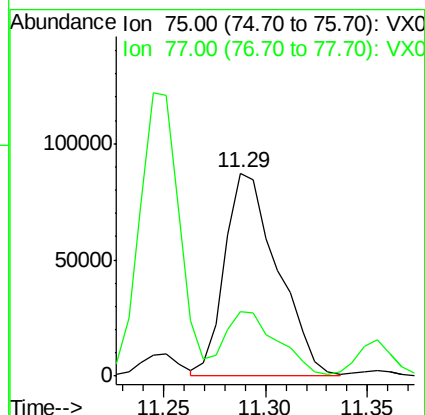
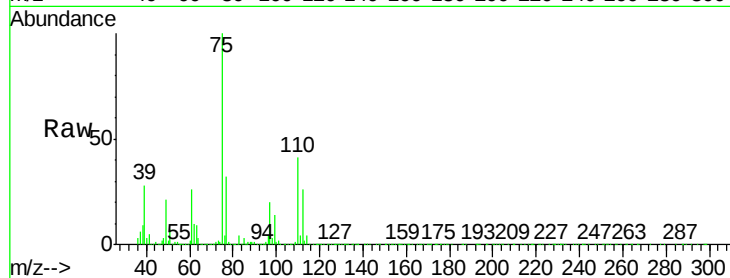
VX0116WBS01

Tot Ion: 75 Resp: 156431

Ion Ratio Lower Upper

75 100

77 32.0 0.0 68.4



#73

Bromobenzene

Concen: 19.239 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

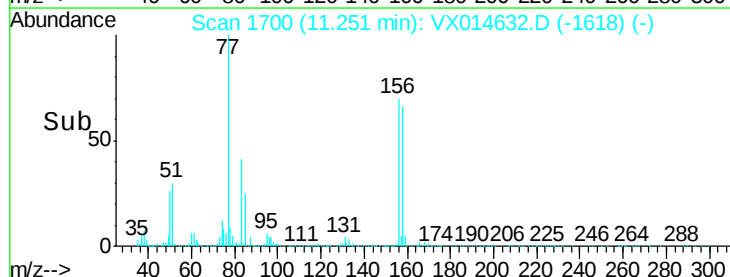
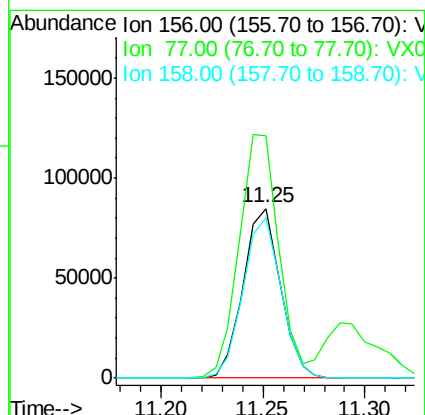
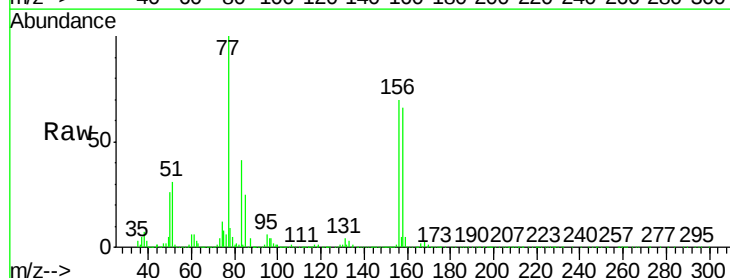
Tgt Ion: 156 Resp: 108557

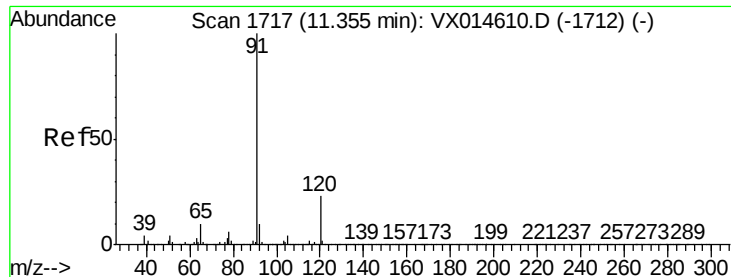
Ion Ratio Lower Upper

156 100

77 150.4 0.0 304.6

158 96.2 0.0 195.2





#74

n-propylbenzene

Concen: 19.556 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

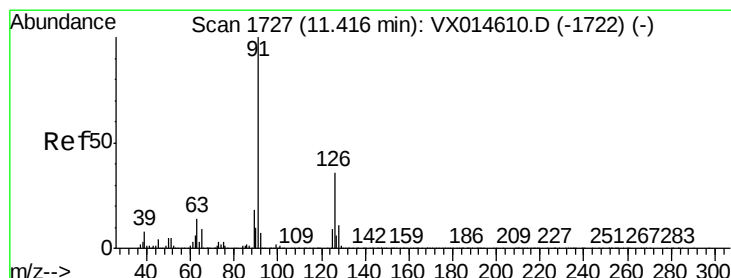
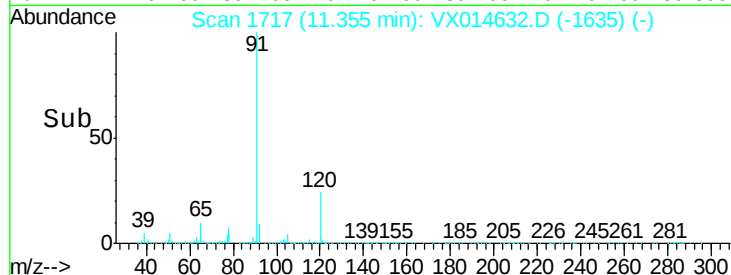
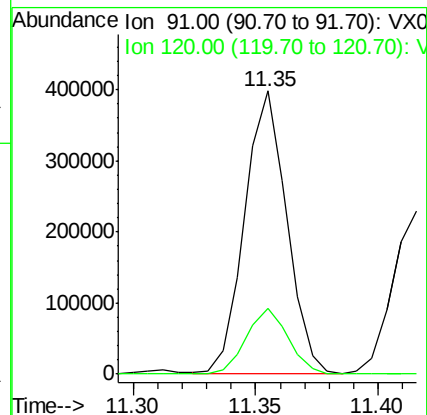
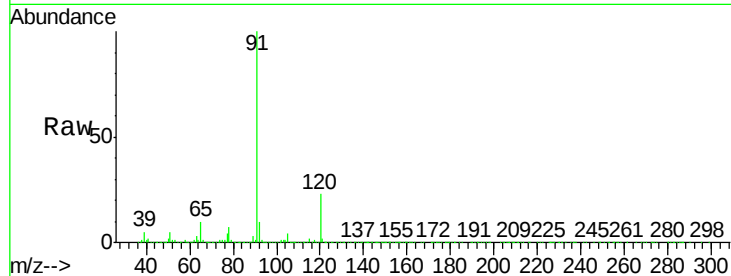
VX0116WBS01

Tot Ion: 91 Resp: 475667

Ion Ratio Lower Upper

91 100

120 22.9 0.0 44.8



#75

2-Chlorotoluene

Concen: 19.341 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014632.D

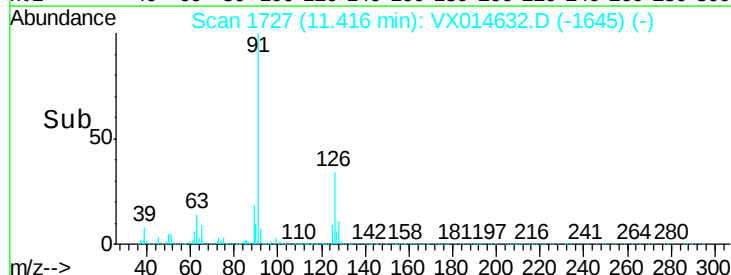
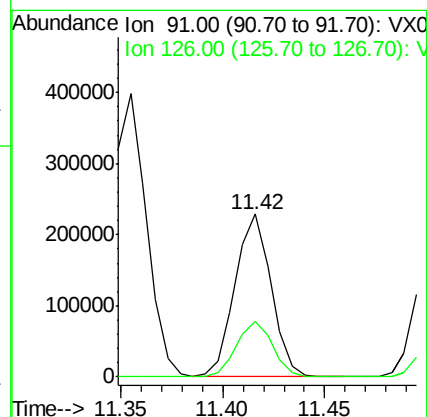
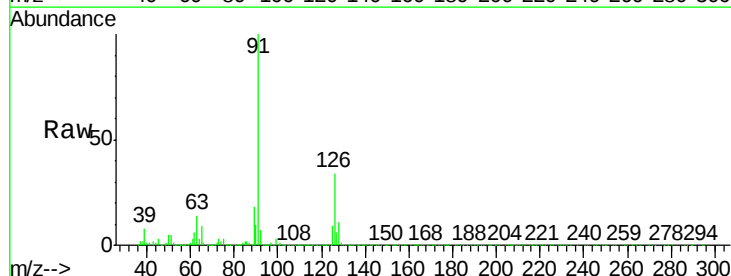
Acq: 16 Jan 2020 12:37

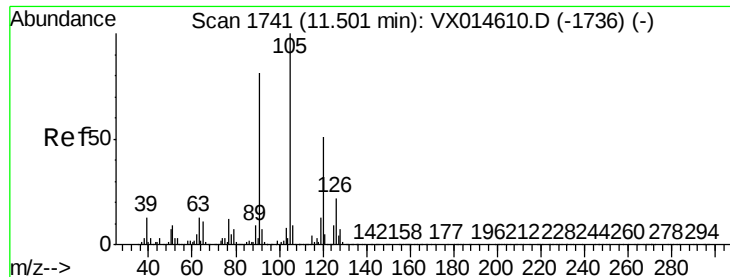
Tgt Ion: 91 Resp: 281943

Ion Ratio Lower Upper

91 100

126 34.2 0.0 70.8





#76

1,3,5-Trimethylbenzene

Concen: 19.397 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

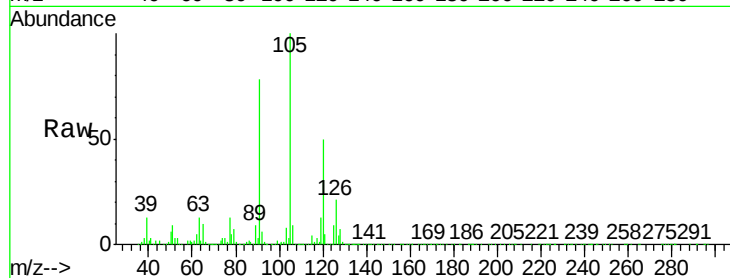
VX0116WBS01

Tot Ion:105 Resp: 344036

Ion Ratio Lower Upper

105 100

120 51.1 0.0 100.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

300000

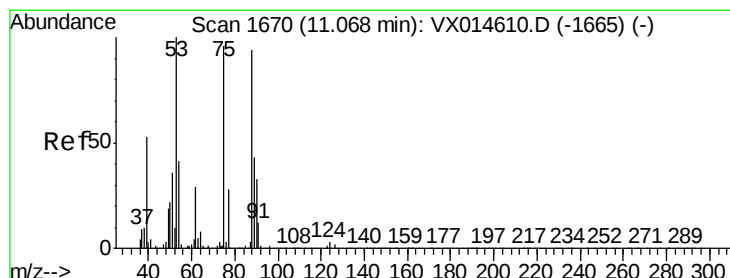
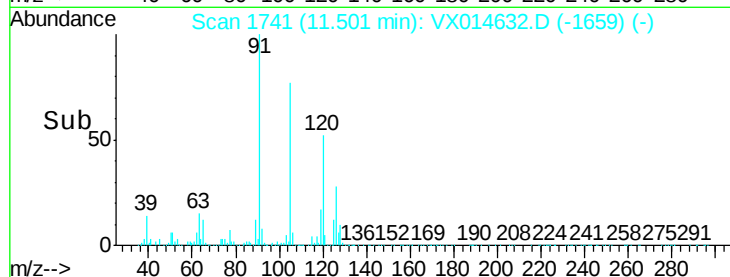
200000

100000

0

11.45 11.50 11.55

Time-->



#77

t-1,4-Dichloro-2-butene

Concen: 17.331 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

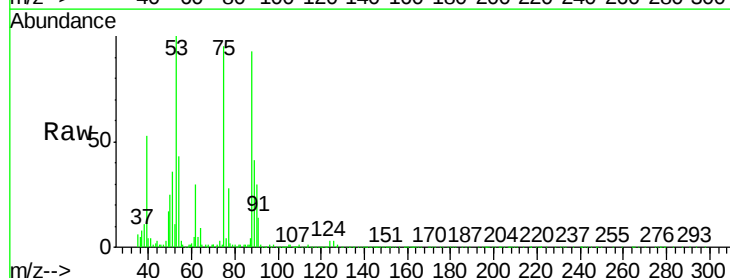
Tgt Ion: 75 Resp: 40909

Ion Ratio Lower Upper

75 100

53 105.4 54.4 163.1

89 42.3 21.9 65.5



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

100000

80000

60000

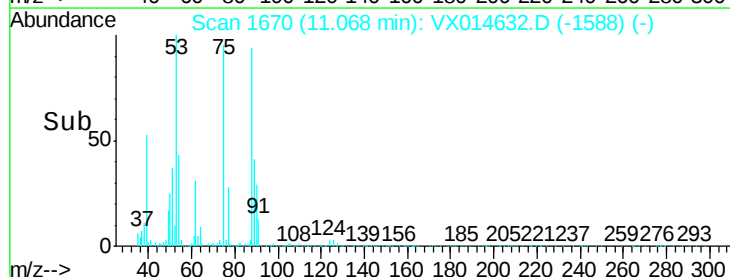
40000

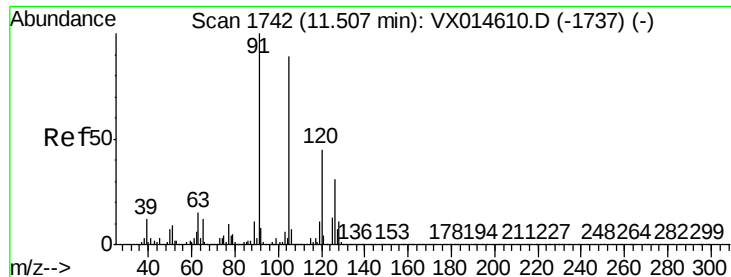
20000

0

11.05 11.10

Time-->

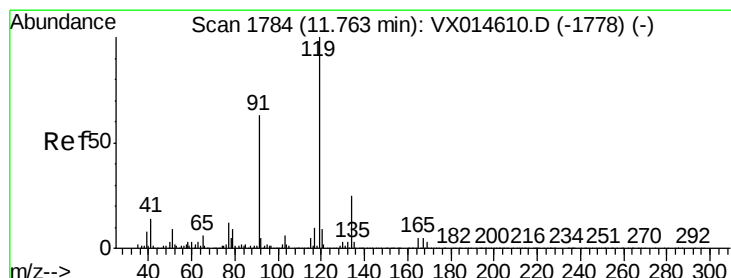
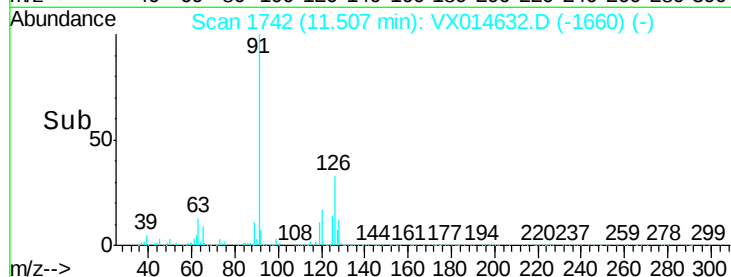
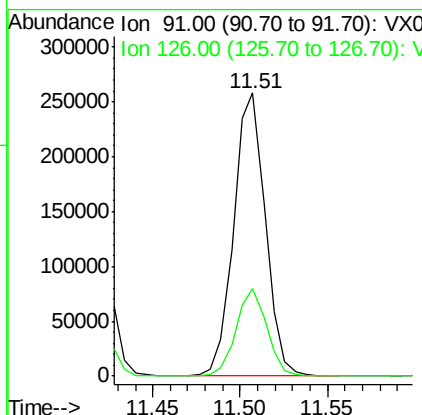
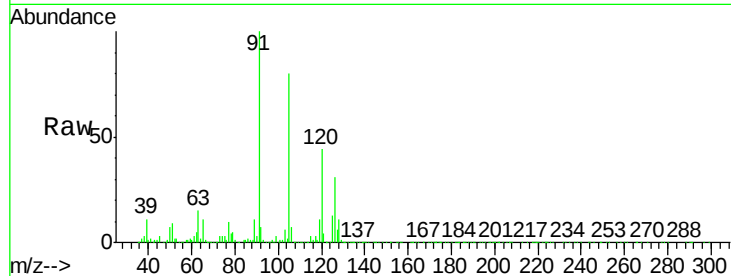




#78
4-Chlorotoluene
Concen: 19.531 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

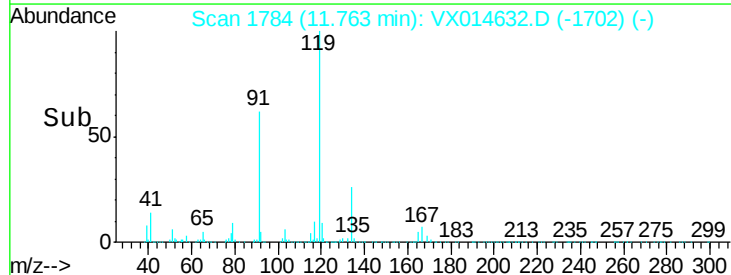
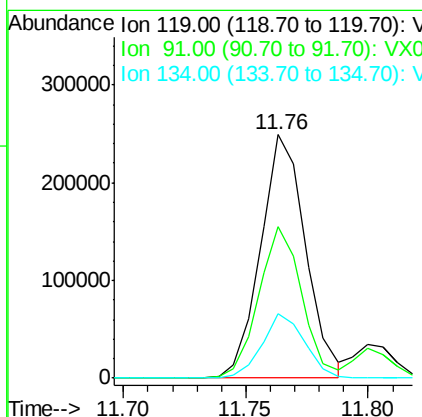
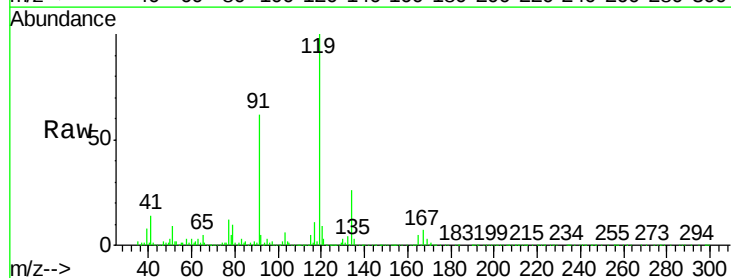
Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01

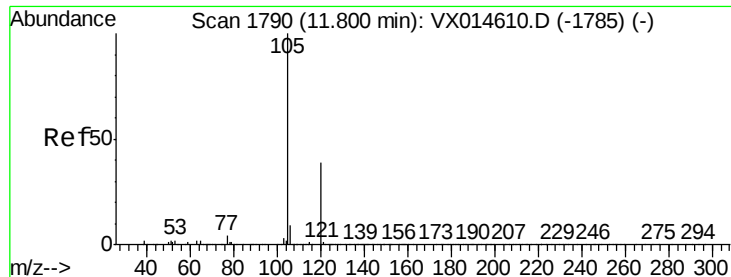
Tot Ion: 91 Resp: 323339
Ion Ratio Lower Upper
91 100
126 30.1 0.0 59.6



#79
tert-butylbenzene
Concen: 19.185 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

Tgt Ion: 119 Resp: 318396
Ion Ratio Lower Upper
119 100
91 59.5 0.0 112.6
134 25.2 0.0 49.8





#80

1,2,4-Trimethylbenzene

Concen: 19.384 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

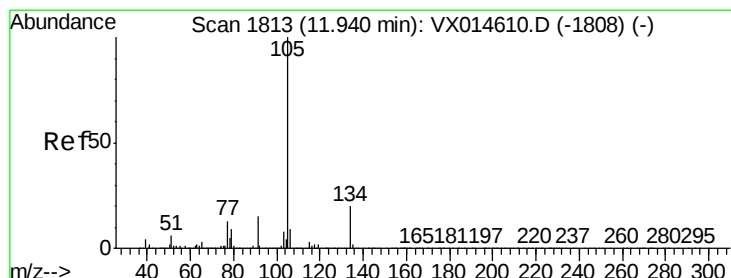
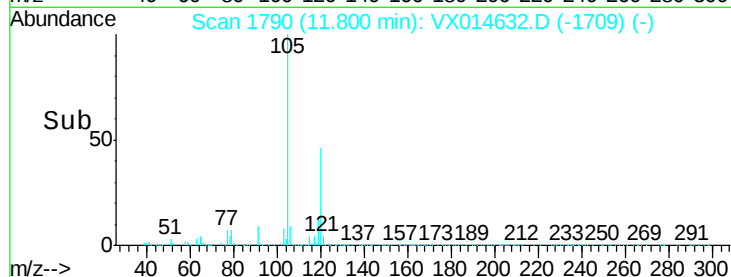
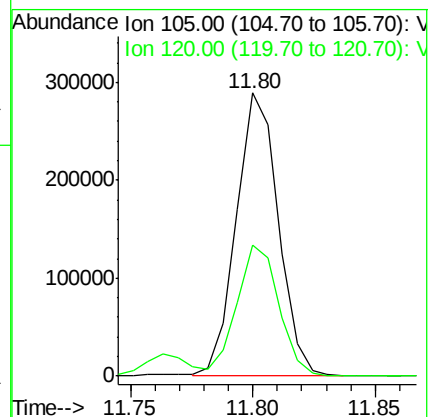
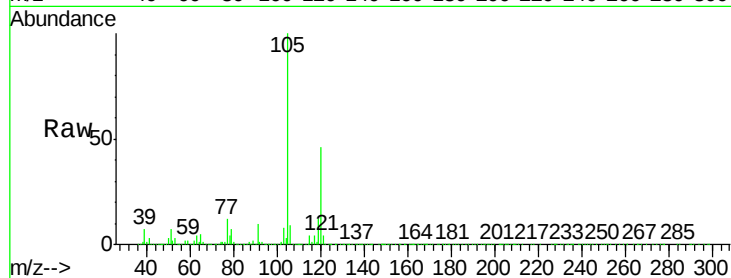
VX0116WBS01

Tot Ion:105 Resp: 342919

Ion Ratio Lower Upper

105 100

120 46.5 0.0 92.0



#81

sec-Butylbenzene

Concen: 19.516 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014632.D

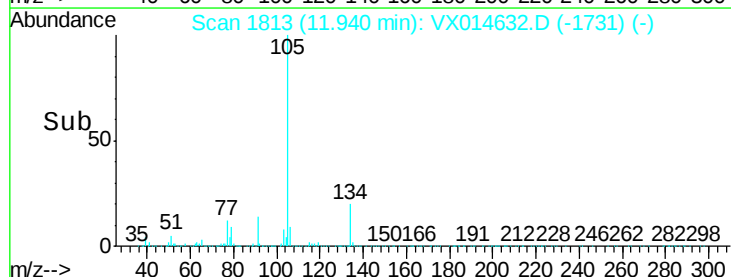
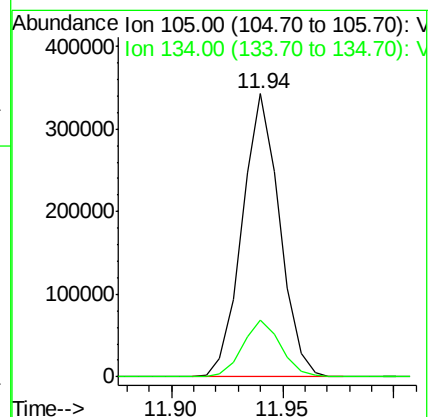
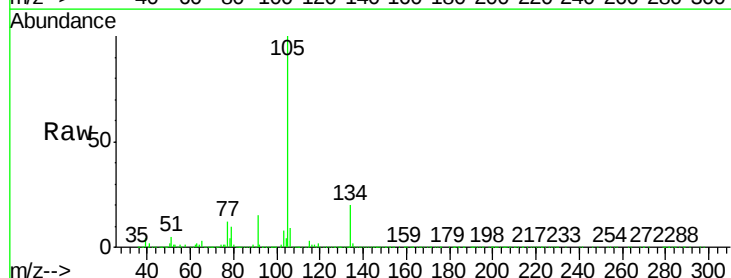
Acq: 16 Jan 2020 12:37

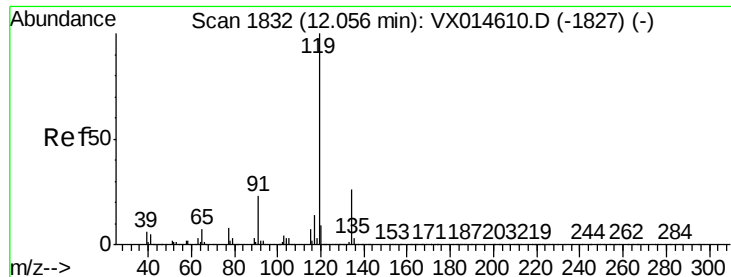
Tgt Ion:105 Resp: 400798

Ion Ratio Lower Upper

105 100

134 20.4 0.0 40.2

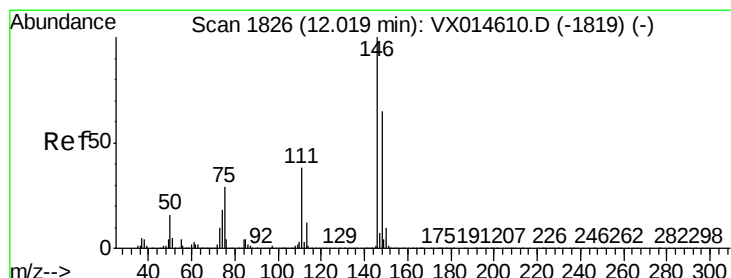
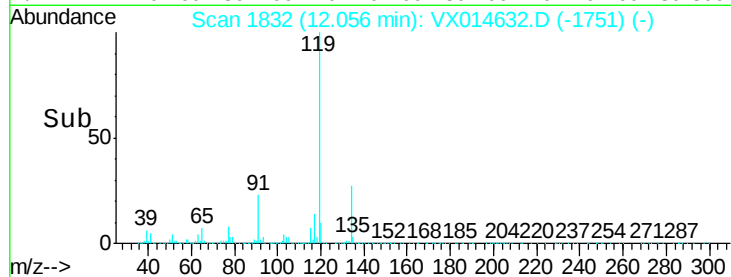
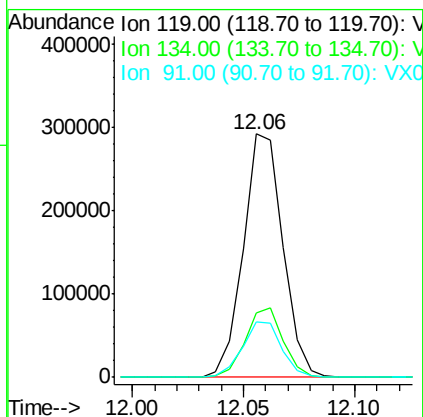
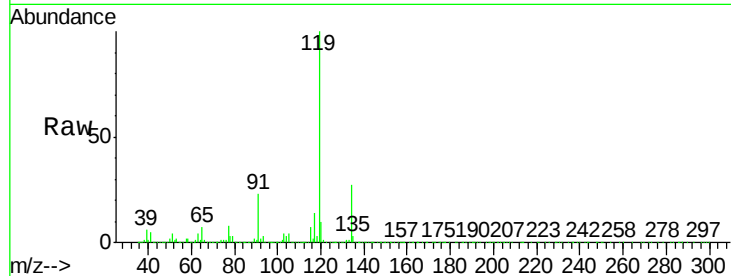




#82
p-Isopropyltoluene
Concen: 19.399 ug/l
RT: 12.06 min Scan# 1832
Delta R.T. -0.01 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

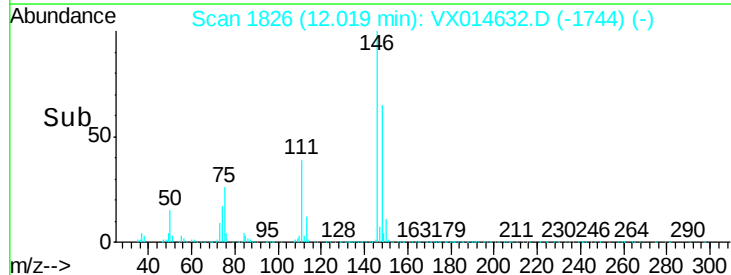
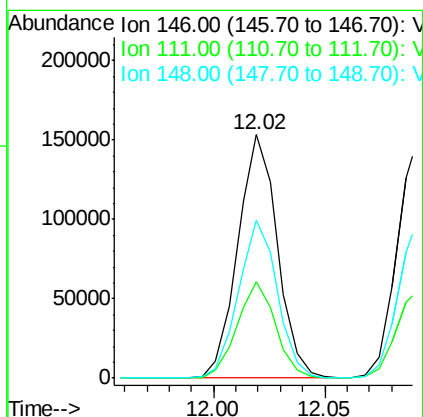
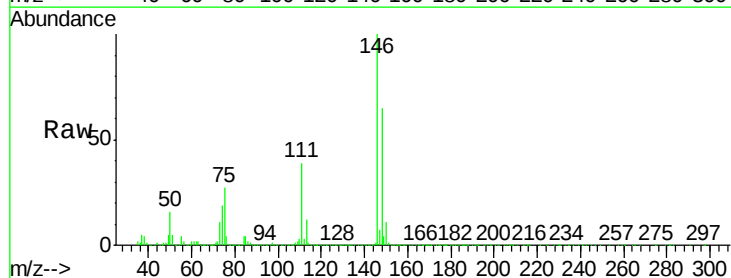
Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01

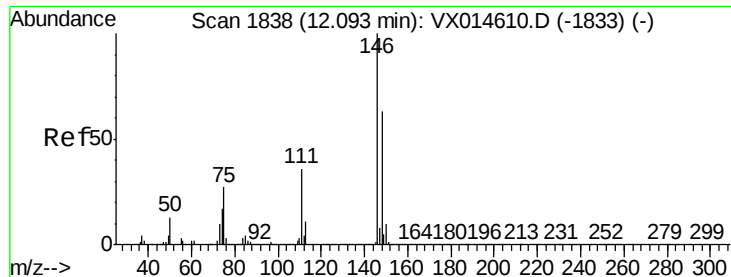
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.4	0.0	53.8
91	22.6	0.0	45.0



#83
1,3-Dichlorobenzene
Concen: 19.219 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.3	57.9
148	63.8	32.2	96.6

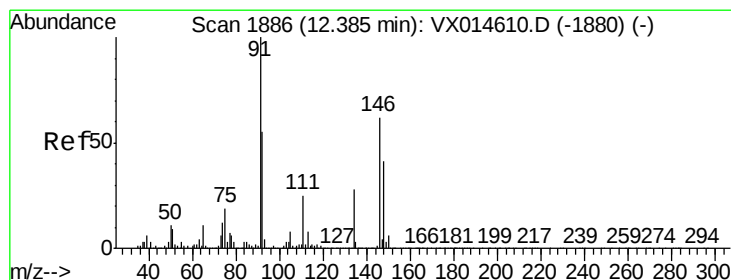
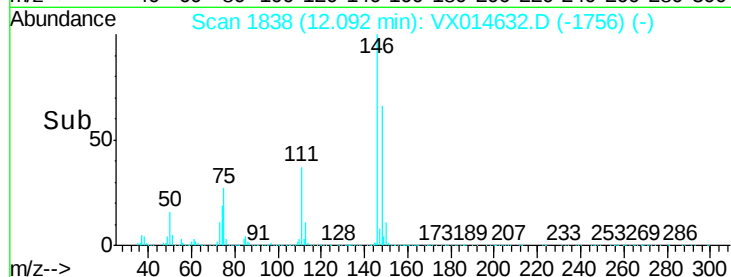
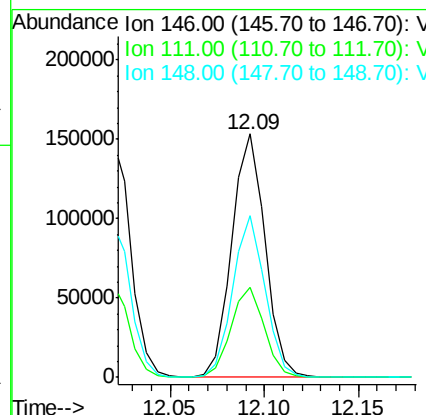
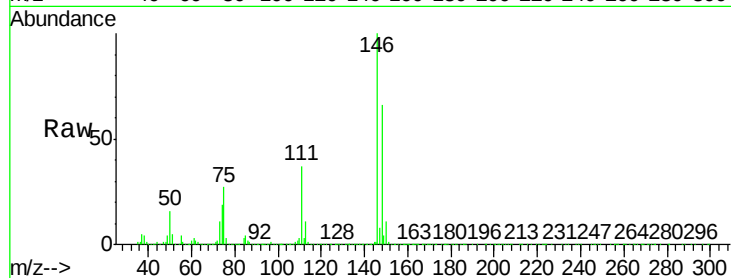




#84
 1,4-Dichlorobenzene
 Concen: 19.191 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014632.D
 Acq: 16 Jan 2020 12:37

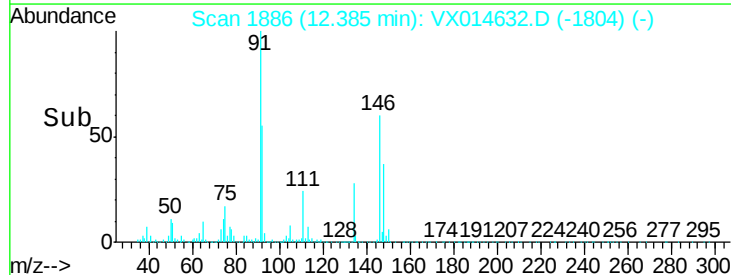
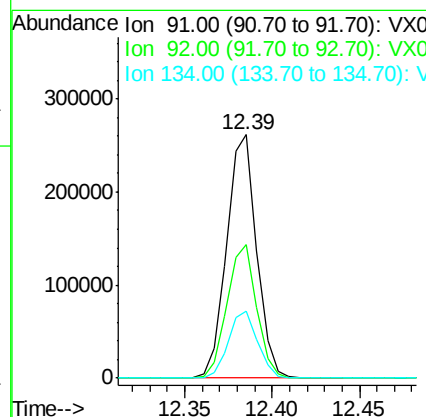
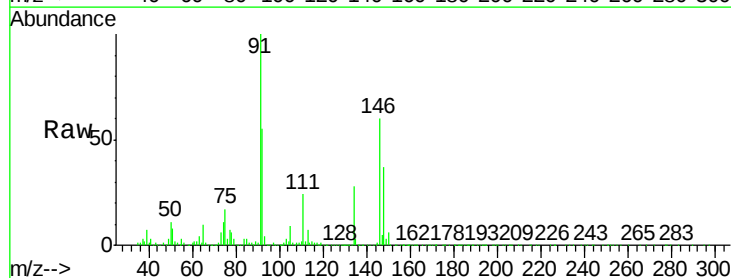
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0116WBS01

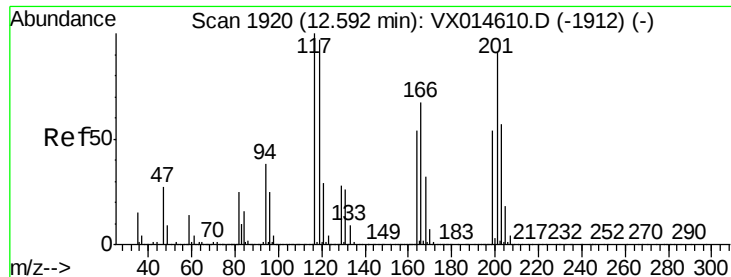
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.4	55.4
148	64.7	32.0	96.0



#85
 n-Butylbenzene
 Concen: 18.873 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014632.D
 Acq: 16 Jan 2020 12:37

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.5	0.0	109.0
134	27.1	0.0	54.0

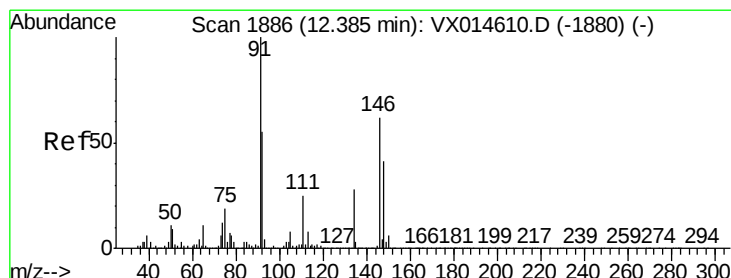
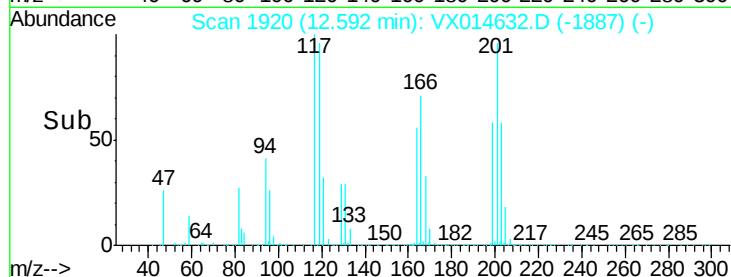
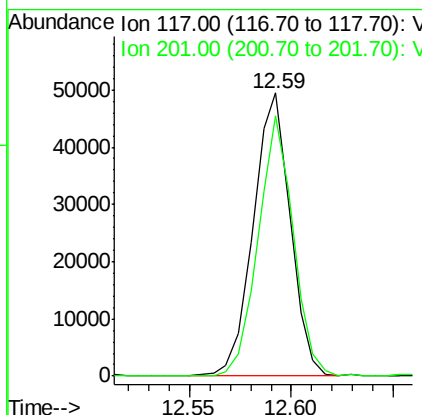
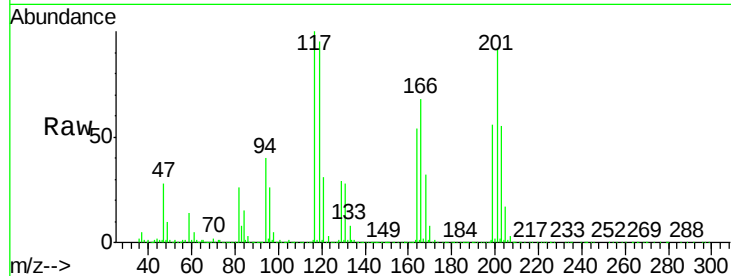




#86
Hexachloroethane
Concen: 18.547 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

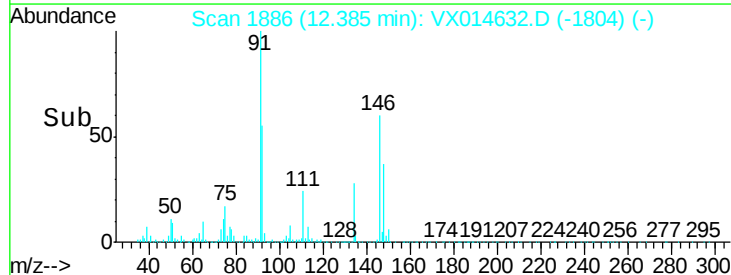
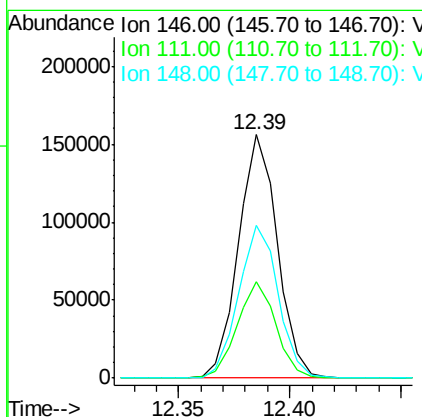
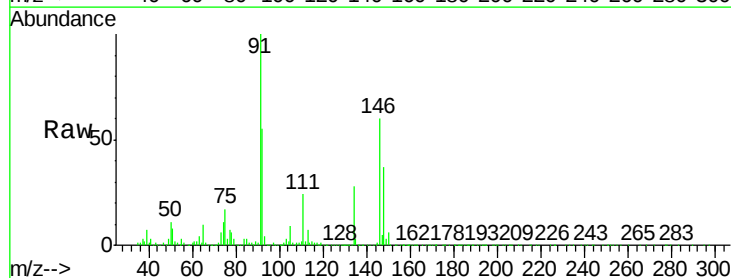
Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01

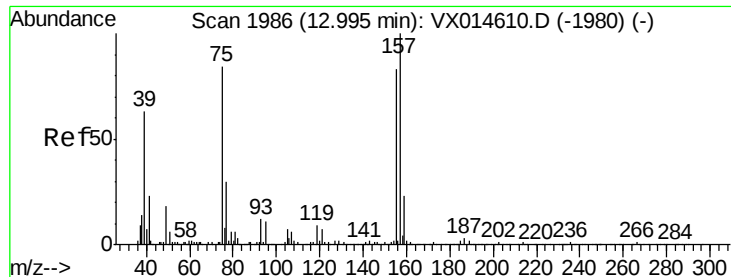
Tot Ion:117 Resp: 62355
Ion Ratio Lower Upper
117 100
201 87.2 44.8 134.3



#87
1,2-Dichlorobenzene
Concen: 19.194 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

Tgt Ion:146 Resp: 190808
Ion Ratio Lower Upper
146 100
111 39.4 20.1 60.2
148 63.7 32.0 96.2





#88

1,2-Dibromo-3-Chloropropane

Concen: 18.109 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBS01

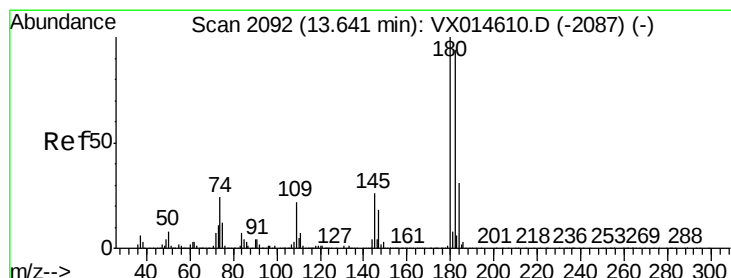
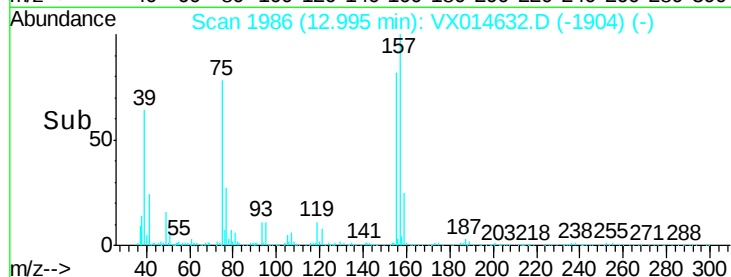
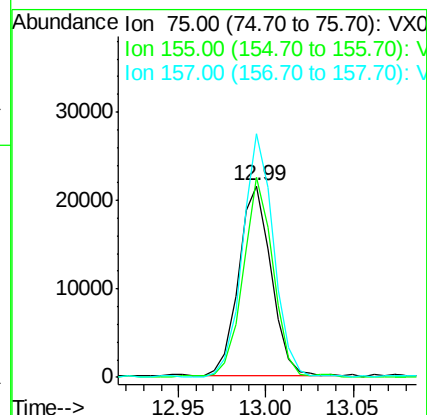
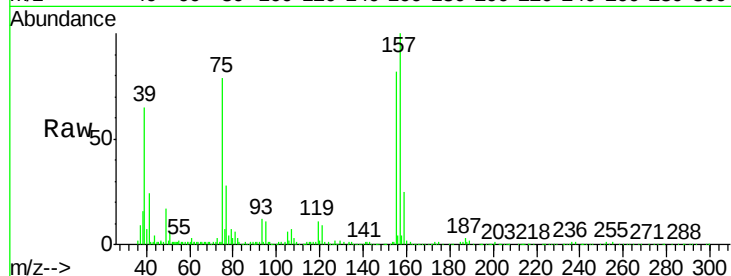
Tot Ion: 75 Resp: 27736

Ion Ratio Lower Upper

75 100

155 95.6 73.8 110.6

157 122.1 95.0 142.4



#89

1,2,4-Trichlorobenzene

Concen: 18.959 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

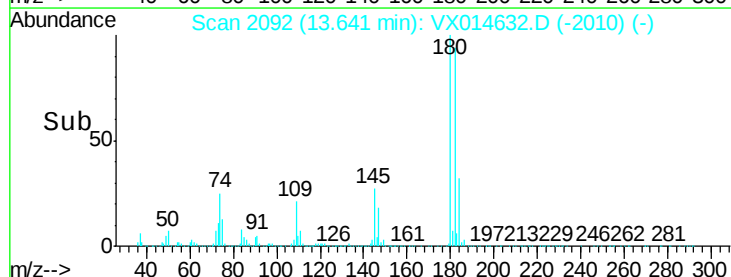
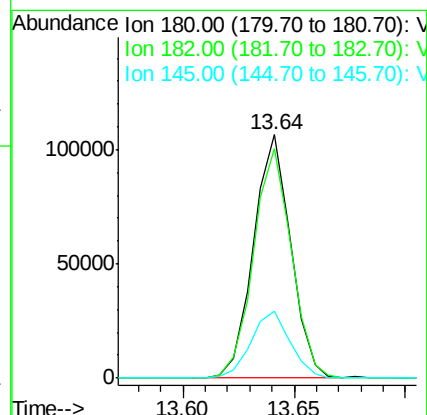
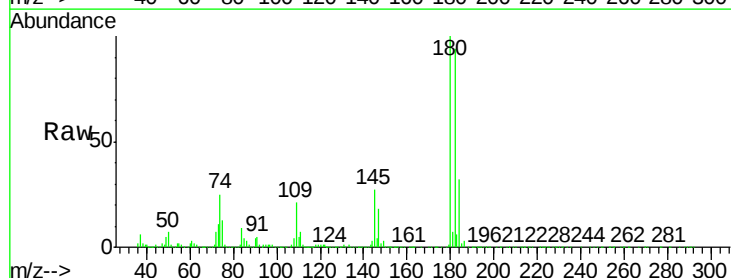
Tgt Ion: 180 Resp: 124407

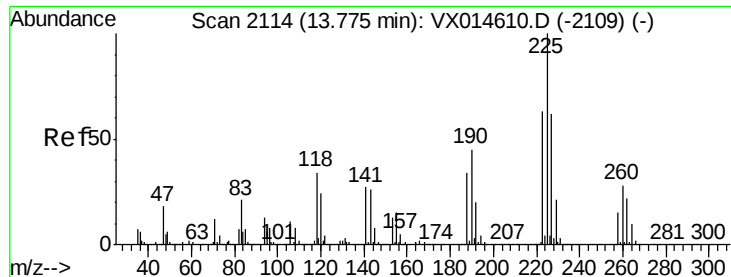
Ion Ratio Lower Upper

180 100

182 95.8 76.4 114.6

145 28.8 21.9 32.9

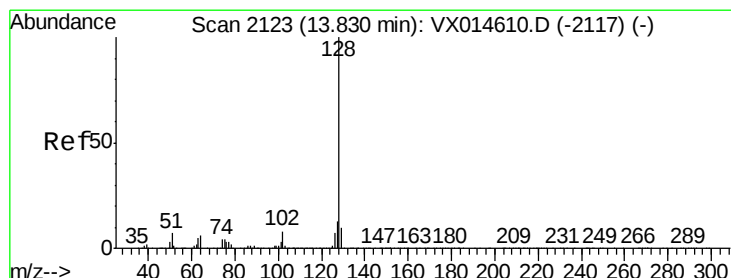
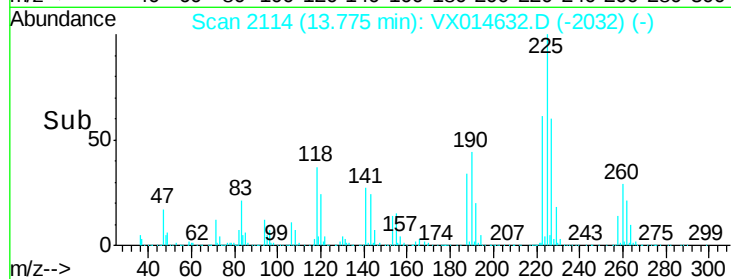
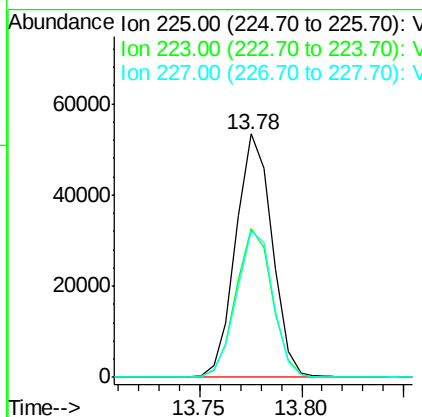
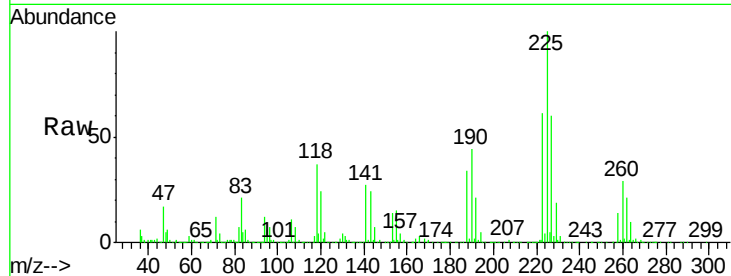




#90
Hexachlorobutadiene
Concen: 20.111 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

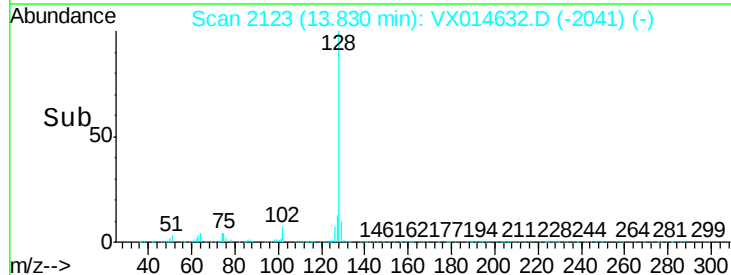
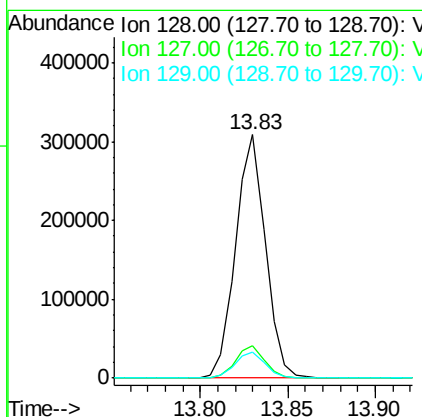
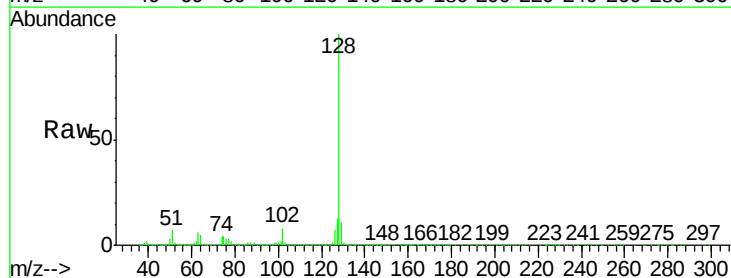
Instrument :
MSVOA_X
ClientSampled :
VX0116WBS01

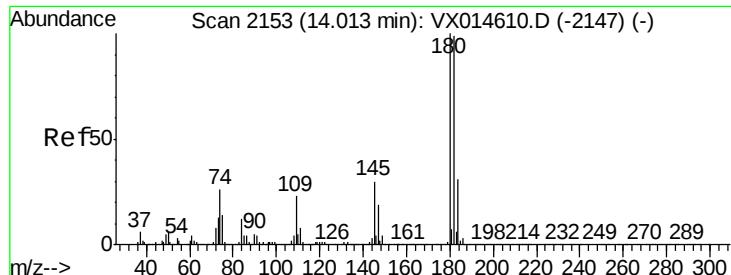
Tot Ion:225 Resp: 65940
Ion Ratio Lower Upper
225 100
223 61.2 0.0 127.4
227 60.7 0.0 122.8



#91
Naphthalene
Concen: 18.520 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

Tgt Ion:128 Resp: 366833
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.6 8.9 13.3

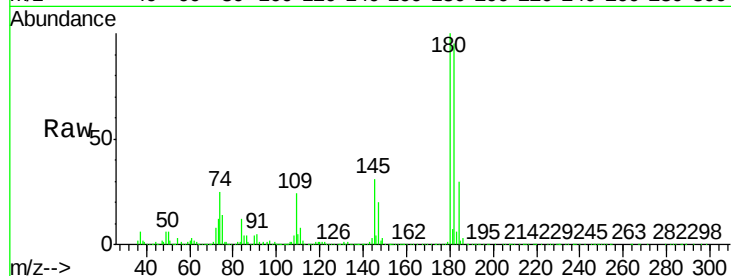




#92
 1,2,3-Trichlorobenzene
 Concen: 19.177 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX014632.D
 Acq: 16 Jan 2020 12:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0116WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	0.0	192.8
145	30.0	0.0	60.0



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

