

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111419\
 Data File : VX013418.D
 Acq On : 14 Nov 2019 13:39
 Operator : JC/SP
 Sample : VX1114WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 15 00:55:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:16:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	114452	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	617436	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	550368	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	236800	28.02	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	93.40%
60) 4-Bromofluorobenzene	11.14	95	263084	29.74	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.13%
63) Toluene-d8	8.71	98	753305	30.27	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.90%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	150933	17.601	ug/l 96
3) Chloromethane	1.31	50	175107	18.736	ug/l 99
4) Vinyl Chloride	1.40	62	199272	18.765	ug/l 100
5) Bromomethane	1.63	94	110012	17.232	ug/l 96
6) Chloroethane	1.72	64	113833	19.500	ug/l 99
7) Trichlorofluoromethane	1.92	101	205513	17.976	ug/l 99
8) Diethyl Ether	2.18	74	97613	18.699	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	122827	17.857	ug/l 99
10) 1,1-Dichloroethene	2.36	96	126223	17.857	ug/l 99
11) Methyl Iodide	2.50	142	150703	17.267	ug/l 98
12) Methyl Acetate	2.76	43	235984	19.052	ug/l 98
13) Acrolein	2.28	56	110153	83.723	ug/l 99
14) Acrylonitrile	3.13	53	423876	93.064	ug/l 98
15) Acetone	2.43	58	114154	82.752	ug/l 100
16) Carbon Disulfide	2.56	76	337214	17.104	ug/l 99
17) Allyl chloride	2.72	41	232664	17.874	ug/l 97
18) Methylene Chloride	2.84	84	145441	18.135	ug/l 98
19) trans-1,2-Dichloroethene	3.16	96	136713	18.097	ug/l 97
20) Diisopropyl ether	3.84	45	463376	18.503	ug/l 88
21) 1,1-Dichloroethane	3.69	63	251764	18.457	ug/l 97
22) cis-1,2-Dichloroethene	4.59	96	158183	18.366	ug/l 97
23) tert-Butyl Alcohol	3.03	59	200214	91.341	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	427483	18.273	ug/l 100
25) Chloroform	5.20	83	250360	18.751	ug/l 96
26) Cyclohexane	5.57	56	214408	17.309	ug/l # 100
29) 1,1-Dichloropropene	5.79	75	181284	19.223	ug/l 97
30) 2-Butanone	4.66	43	606333	97.407	ug/l 100
31) 2,2-Dichloropropane	4.57	77	188044	18.412	ug/l 98
32) 1,1,1-Trichloroethane	5.48	97	204599	19.519	ug/l 98
33) Carbon Tetrachloride	5.78	117	168285	18.483	ug/l 97
34) Benzene	6.14	78	565041	19.753	ug/l 97
35) Methacrylonitrile	5.03	41	123952	19.940	ug/l 96
36) 1,2-Dichloroethane	6.19	62	202480	20.223	ug/l 100
37) Trichloroethene	7.21	130	146694	19.143	ug/l 95
38) Methylcyclohexane	7.46	83	211468	18.288	ug/l 99
39) 1,2-Dichloropropane	7.51	63	144479	19.534	ug/l 99
40) Dibromomethane	7.65	93	98380	19.987	ug/l 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111419\
 Data File : VX013418.D
 Acq On : 14 Nov 2019 13:39
 Operator : JC/SP
 Sample : VX1114WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 15 00:55:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:16:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	182178	18.959	ug/l	96
42) Vinyl Acetate	3.80	43	1936770	98.826	ug/l	100
43) Ethyl Acetate	4.83	43	230071	20.265	ug/l	99
44) Isopropyl Acetate	6.44	43	349963	19.176	ug/l	100
45) 1,4-Dioxane	7.73	88	80915	401.596	ug/l	98
46) Methyl methacrylate	7.76	41	173953	19.162	ug/l	95
47) n-amyl Acetate	10.89	43	299230	18.693	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	196436	18.231	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	224469	19.013	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	145986	20.042	ug/l	96
51) Ethyl methacrylate	9.17	69	227747	18.991	ug/l	98
52) 1,3-Dichloropropane	9.37	76	245982	19.755	ug/l	99
53) Dibromochloromethane	9.57	129	144089	18.665	ug/l	98
54) 1,2-Dibromoethane	9.67	107	151626	19.468	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	470426	91.804	ug/l	99
56) Bromoform	10.86	173	110211	17.940	ug/l	98
58) 4-Methyl-2-Pentanone	8.64	43	1166757	101.481	ug/l	100
59) 2-Hexanone	9.48	43	900645	99.004	ug/l	100
61) Tetrachloroethene	9.33	164	131938	19.441	ug/l	98
62) Toluene	8.78	91	603559	19.688	ug/l	100
64) Chlorobenzene	10.14	112	377945	19.717	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.21	131	135840	18.932	ug/l	99
66) Ethyl Benzene	10.25	91	652096	19.362	ug/l	99
67) m/p-Xylenes	10.36	106	493794	38.009	ug/l	98
68) o-Xylene	10.70	106	244335	19.488	ug/l	96
69) Styrene	10.71	104	404529	18.895	ug/l	99
70) Isopropylbenzene	11.01	105	636607	19.269	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	234952	19.862	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	262532	26.284	ug/l	77
73) Bromobenzene	11.25	156	168118	19.296	ug/l	97
74) n-propylbenzene	11.35	91	708545	18.872	ug/l	100
75) 2-Chlorotoluene	11.42	91	428698	19.201	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	518976	18.689	ug/l	98
77) t-1,4-Dichloro-2-butene	11.07	75	70345	17.418	ug/l	92
78) 4-Chlorotoluene	11.51	91	475308	18.581	ug/l	99
79) tert-butylbenzene	11.76	119	531575	18.973	ug/l	99
80) 1,2,4-Trimethylbenzene	11.81	105	521912	18.860	ug/l	100
81) sec-Butylbenzene	11.94	105	599716	18.760	ug/l	100
82) p-Isopropyltoluene	12.06	119	544494	18.487	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	280524	18.314	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	281375	18.506	ug/l	100
85) n-Butylbenzene	12.39	91	449207	17.671	ug/l	99
86) Hexachloroethane	12.59	117	93799	17.355	ug/l	99
87) 1,2-Dichlorobenzene	12.39	146	288340	18.825	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	49110	18.564	ug/l	98
89) 1,2,4-Trichlorobenzene	13.64	180	186508	17.660	ug/l	99
90) Hexachlorobutadiene	13.78	225	92472	18.273	ug/l	99
91) Naphthalene	13.83	128	607986	18.182	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	192136	18.002	ug/l	99

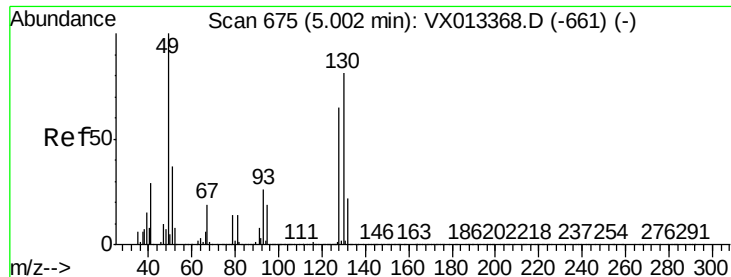
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111419\
Data File : VX013418.D
Acq On : 14 Nov 2019 13:39
Operator : JC/SP
Sample : VX1114WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Nov 15 00:55:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Nov 12 01:16:13 2019
Response via : Initial Calibration

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

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

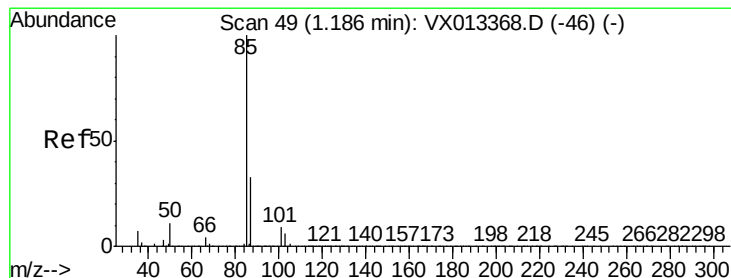
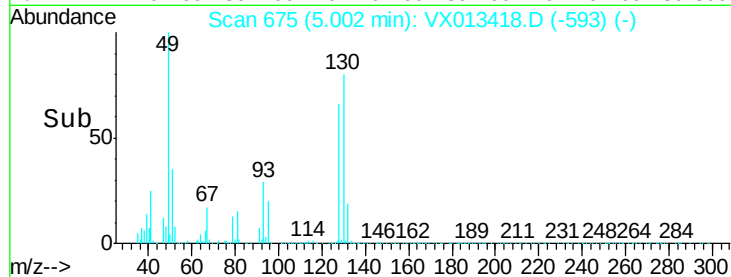
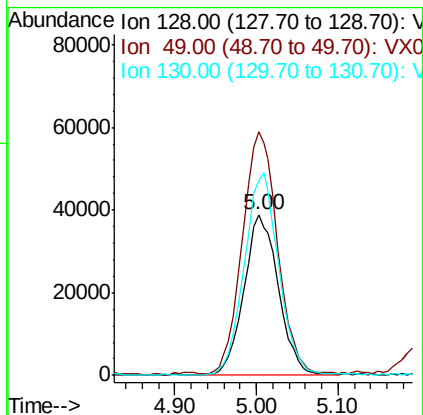
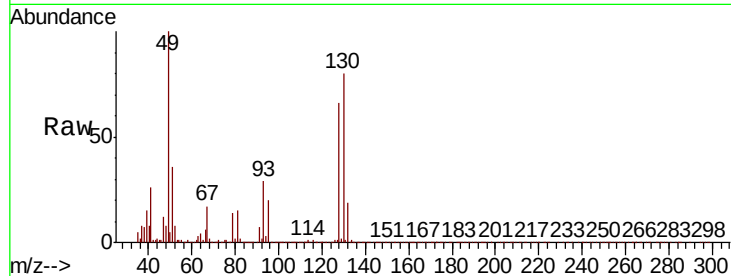


#1

Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Instrument :
MSVOA_X
ClientSampleId :

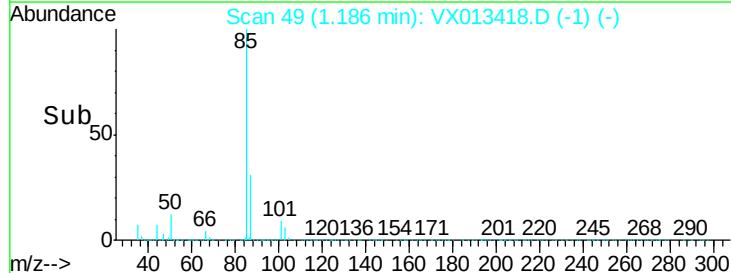
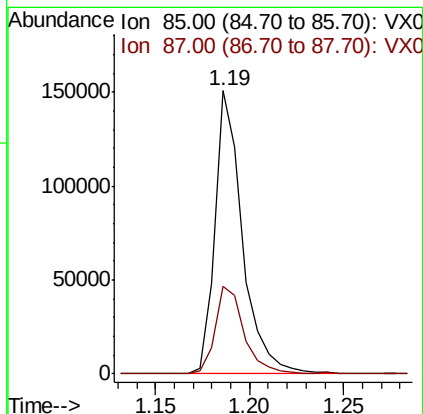
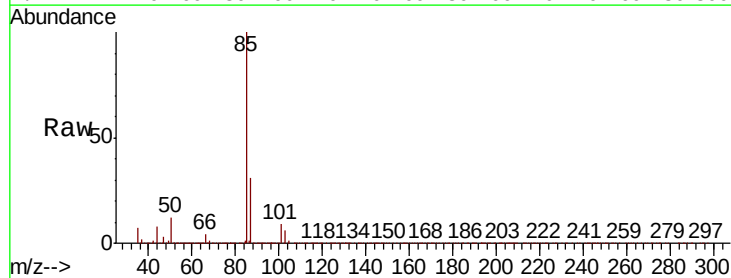
Tot Ion	Ratio	Lower	Upper
128	100		
49	152.8	0.0	388.3
130	125.7	0.0	318.5

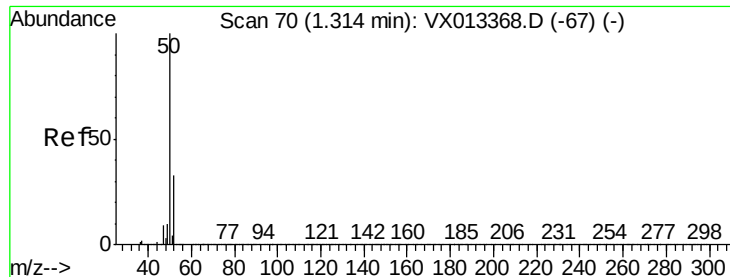


#2

Dichlorodifluoromethane
Concen: 17.601 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Tgt Ion	Ratio	Lower	Upper
85	100		
87	30.6	16.6	49.7

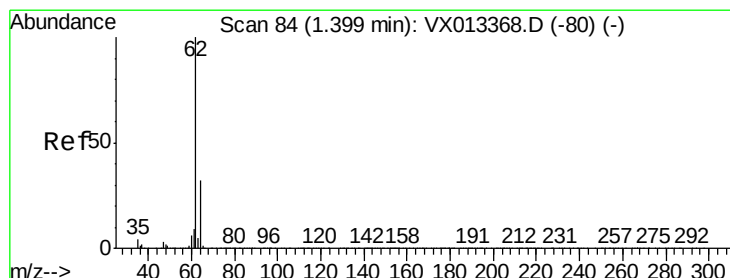
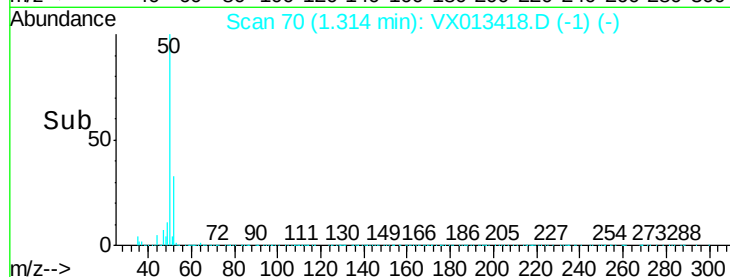
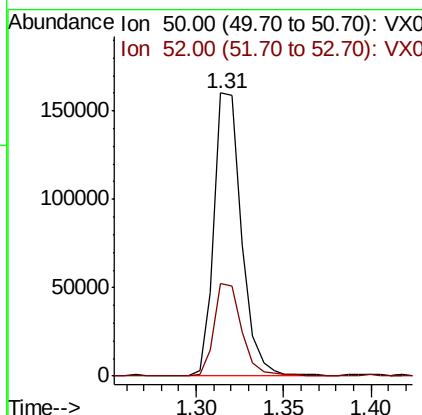
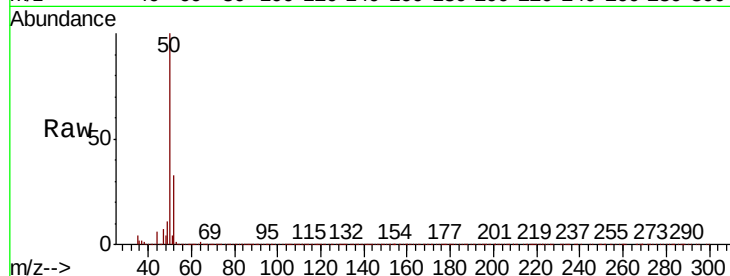




#3
Chloromethane
Concen: 18.736 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

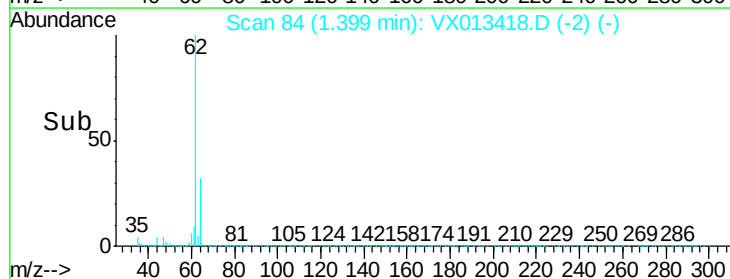
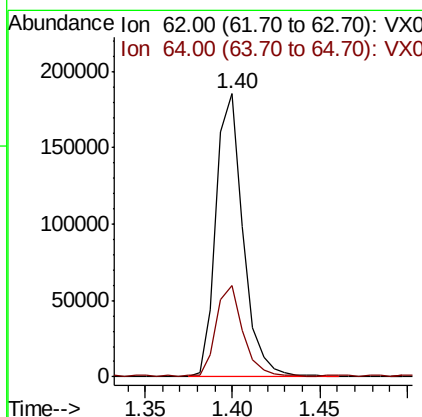
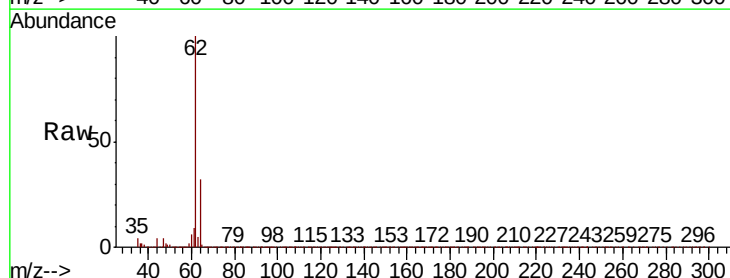
Instrument :
MSVOA_X
ClientSampleId :

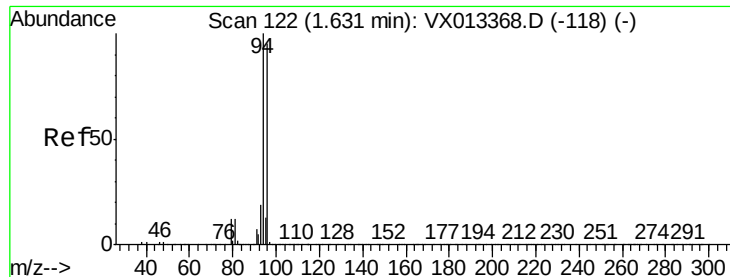
Tot Ion: 50 Resp: 175107
Ion Ratio Lower Upper
50 100
52 32.5 26.6 40.0



#4
Vinyl Chloride
Concen: 18.765 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Tgt Ion: 62 Resp: 199272
Ion Ratio Lower Upper
62 100
64 31.8 25.4 38.2





#5

Bromomethane

Concen: 17.232 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

Instrument :

MSVOA_X

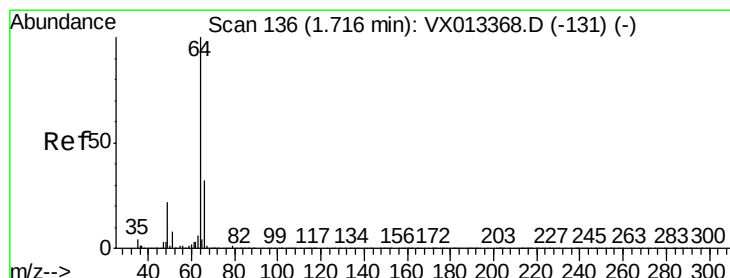
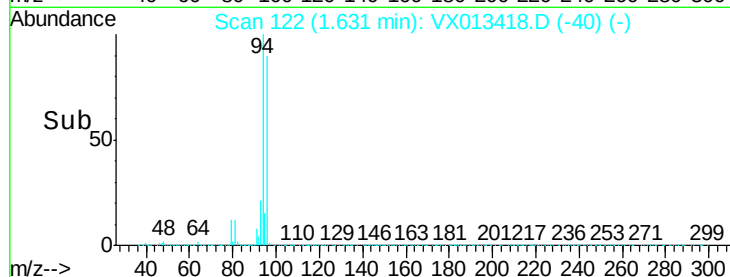
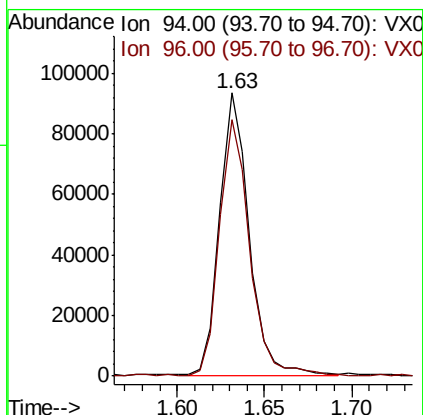
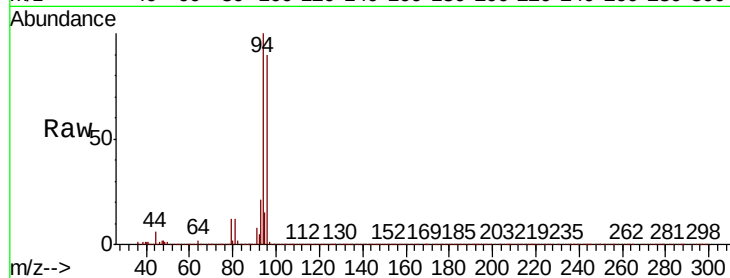
ClientSampled :

Tot Ion: 94 Resp: 110012

Ion Ratio Lower Upper

94 100

96 90.6 75.7 113.5



#6

Chloroethane

Concen: 19.500 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX013418.D

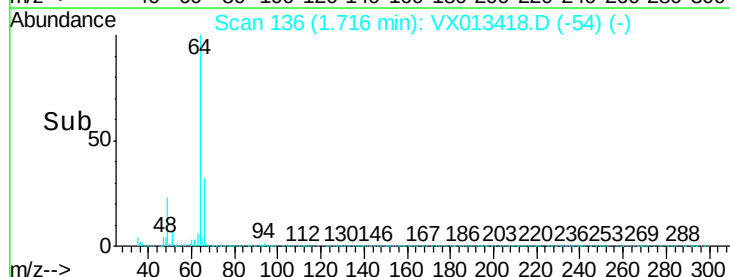
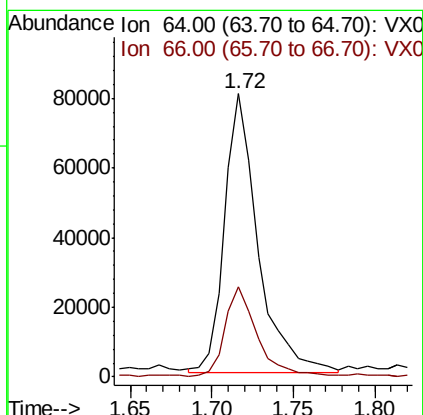
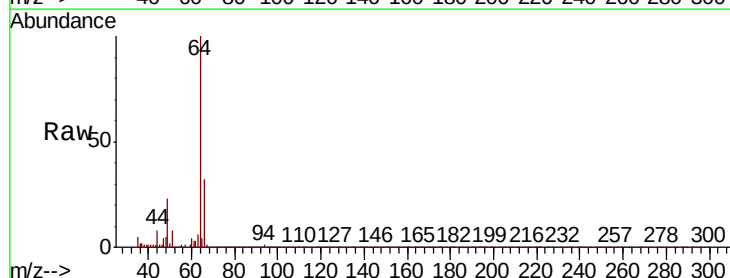
Acq: 14 Nov 2019 13:39

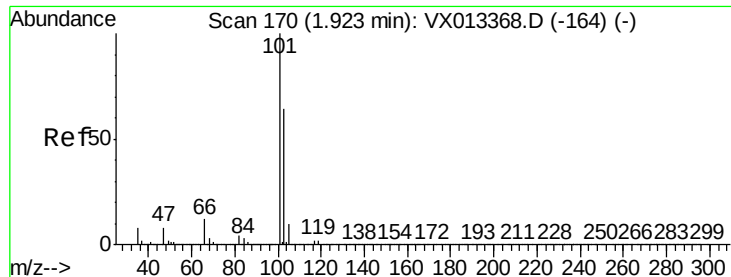
Tgt Ion: 64 Resp: 113833

Ion Ratio Lower Upper

64 100

66 32.6 25.5 38.3



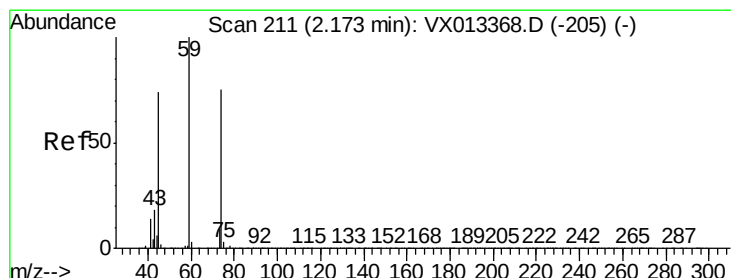
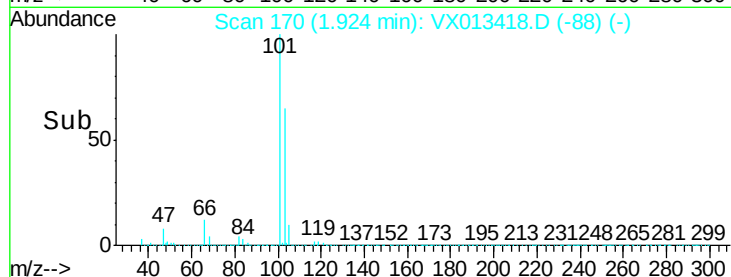
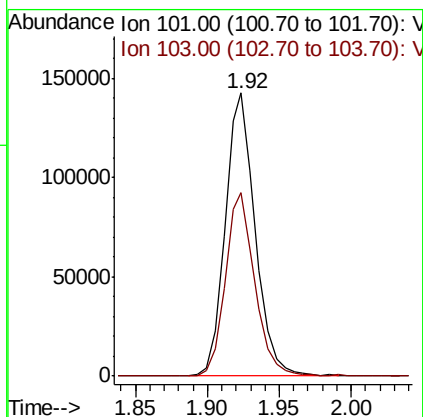
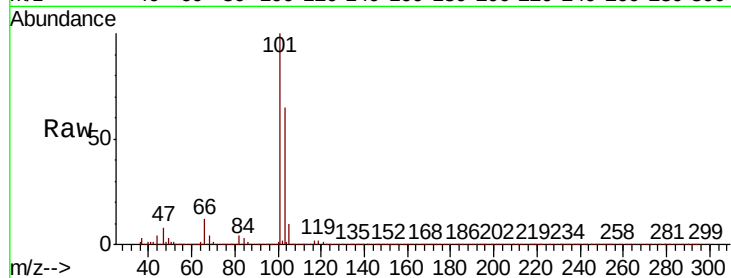


#7

Trichlorofluoromethane
Concen: 17.976 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Instrument :
MSVOA_X
ClientSampleId :

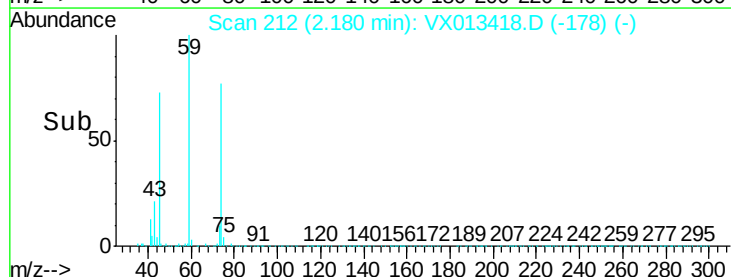
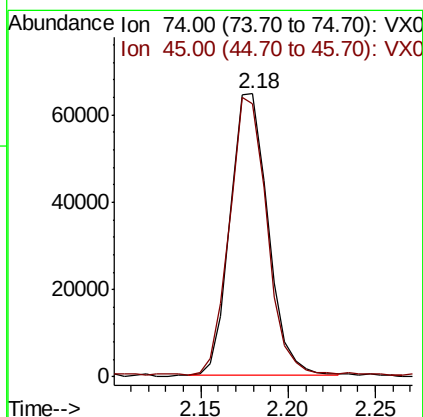
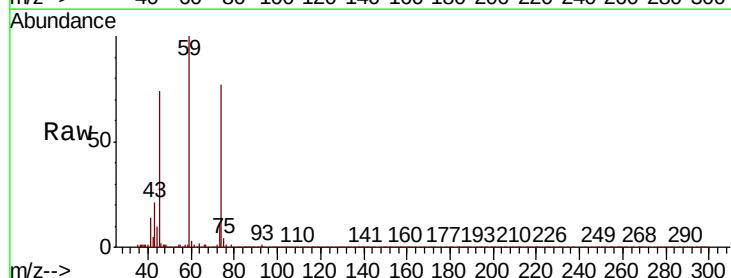
Tot Ion:101 Resp: 205513
Ion Ratio Lower Upper
101 100
103 65.0 51.2 76.8

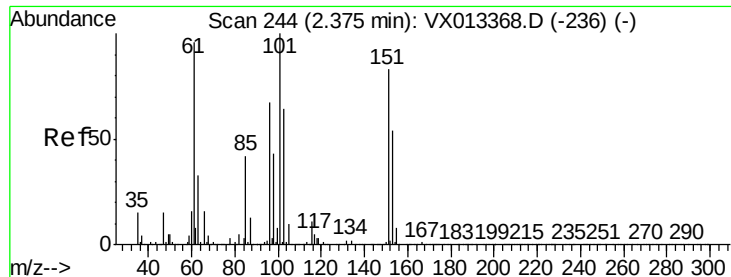


#8

Diethyl Ether
Concen: 18.699 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Tgt Ion: 74 Resp: 97613
Ion Ratio Lower Upper
74 100
45 97.7 19.5 175.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.857 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

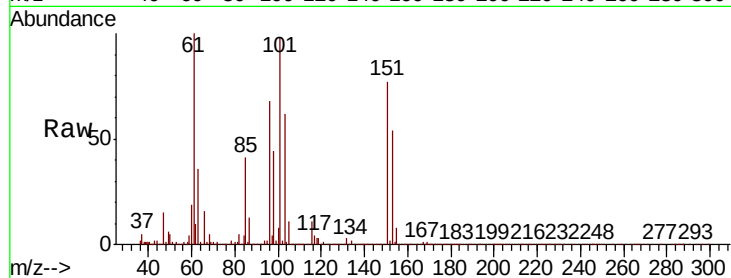
Tot Ion:101 Resp: 122827

Ion Ratio Lower Upper

101 100

85 40.5 0.0 83.2

151 81.1 0.0 163.8



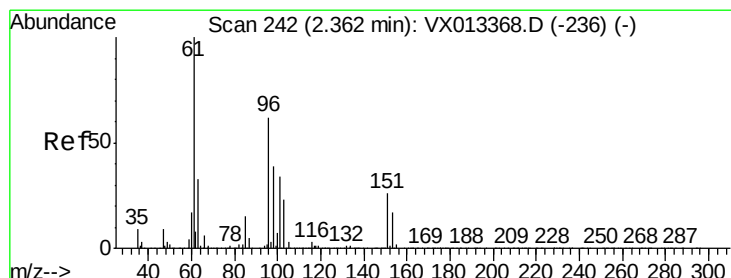
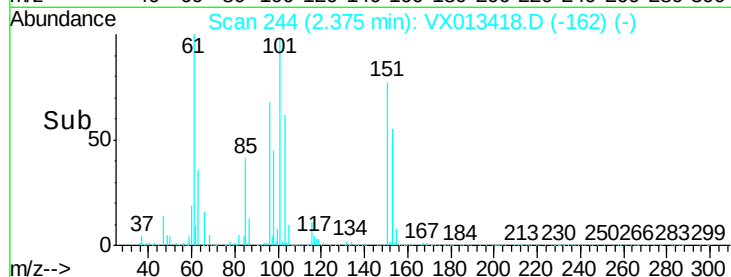
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V

2.37

Time-->



#10

1,1-Dichloroethene

Concen: 17.857 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

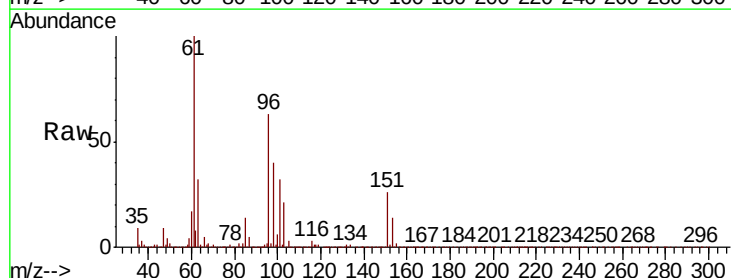
Tgt Ion: 96 Resp: 126223

Ion Ratio Lower Upper

96 100

61 159.9 128.9 193.3

98 63.3 49.7 74.5



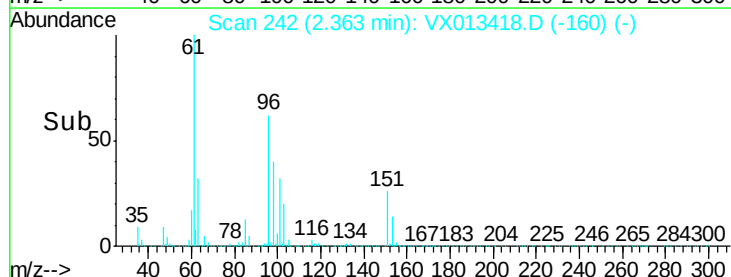
Abundance Ion 96.00 (95.70 to 96.70): VX0

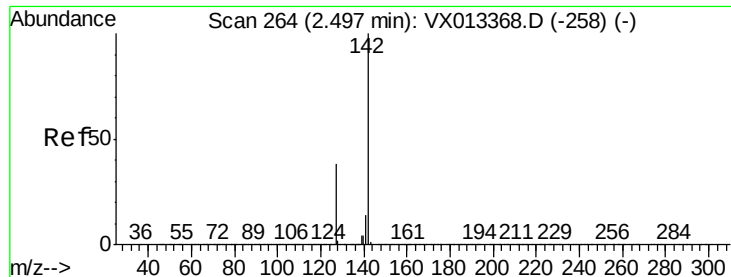
Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

2.36

Time-->

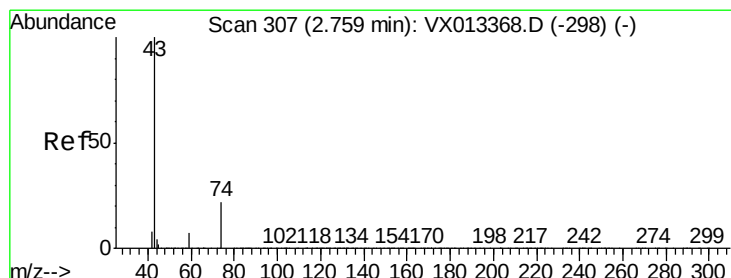
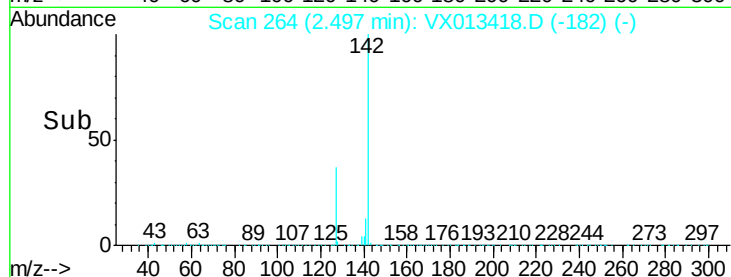
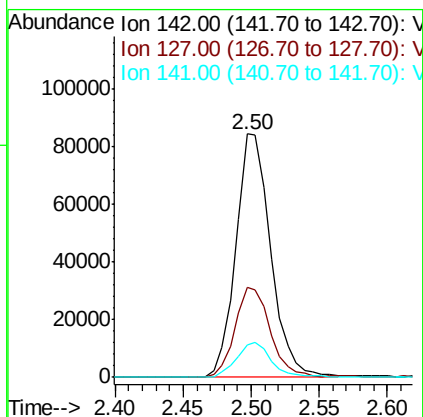
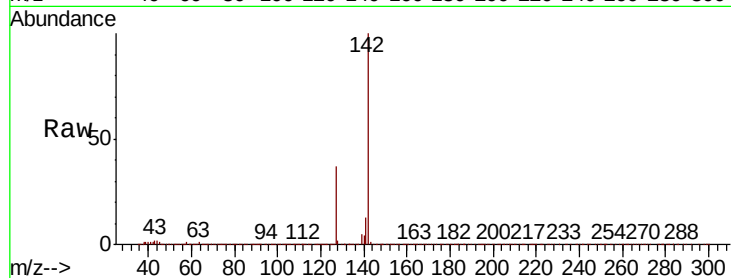




#11
Methvl Iodide
Concen: 17.267 ug/l
RT: 2.50 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

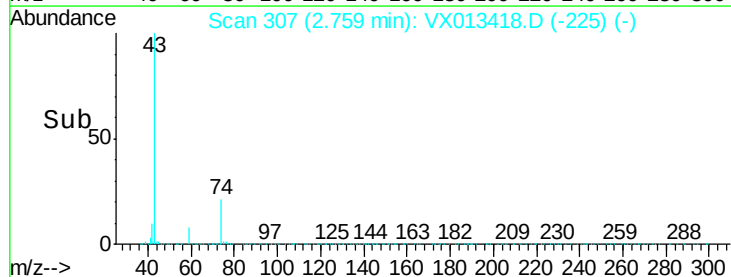
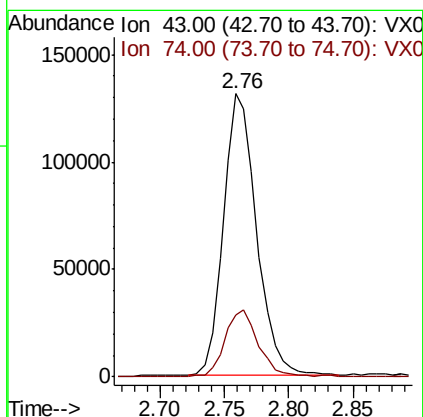
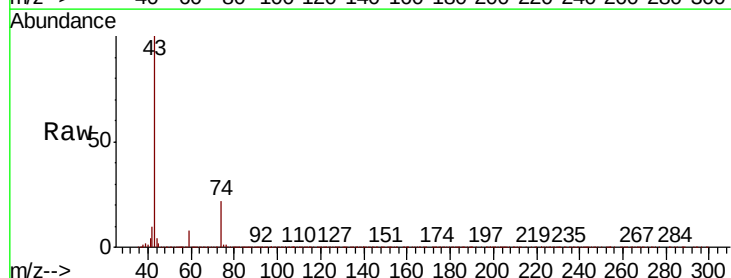
Instrument :
MSVOA_X
ClientSampled :

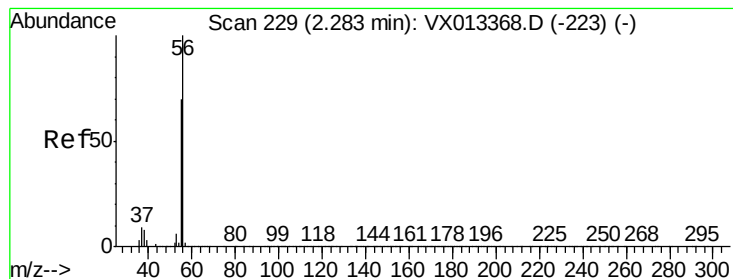
Tot Ion:142 Resp: 150703
Ion Ratio Lower Upper
142 100
127 36.9 19.1 57.5
141 13.4 7.0 21.0



#12
Methyl Acetate
Concen: 19.052 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Tgt Ion: 43 Resp: 235984
Ion Ratio Lower Upper
43 100
74 21.4 18.0 27.0





#13

Acrolein

Concen: 83.723 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

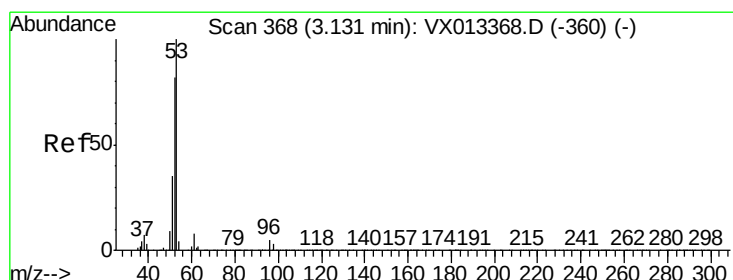
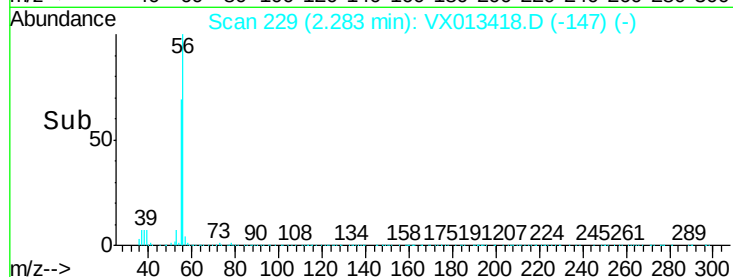
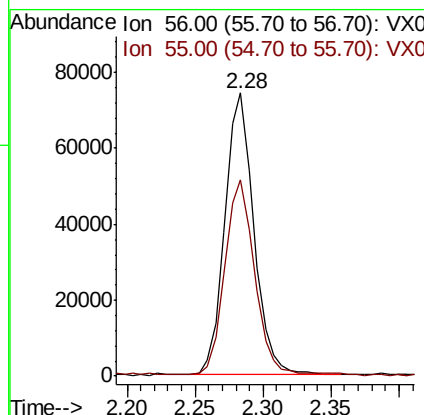
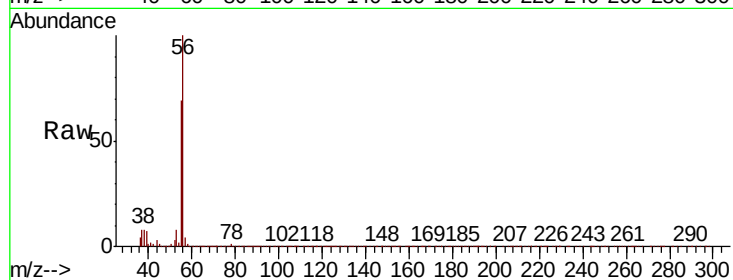
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 110153

Ion Ratio Lower Upper

56 100

55 70.6 55.8 83.8



#14

Acrylonitrile

Concen: 93.064 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

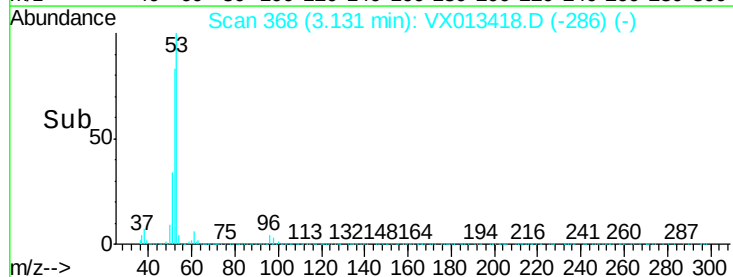
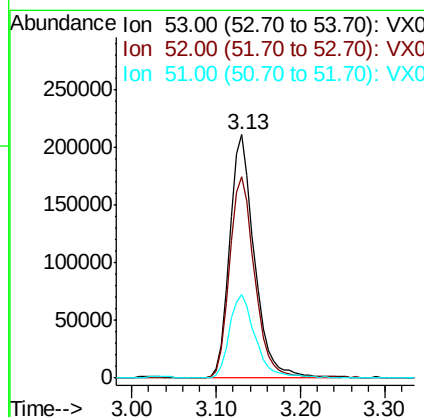
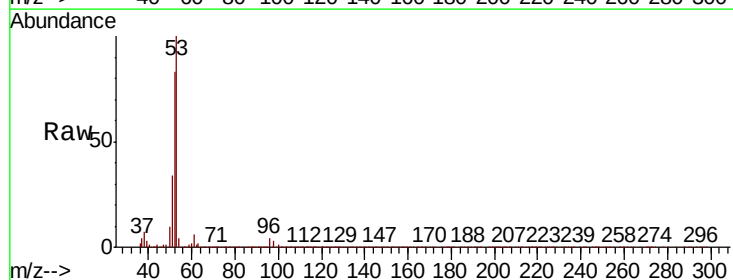
Tgt Ion: 53 Resp: 423876

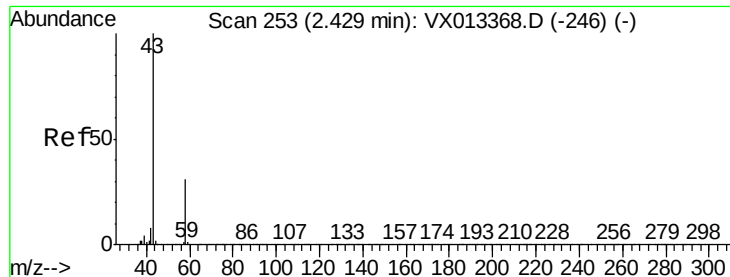
Ion Ratio Lower Upper

53 100

52 83.5 41.0 123.0

51 35.7 17.3 51.9





#15

Acetone

Concen: 82.752 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

Instrument :

MSVOA_X

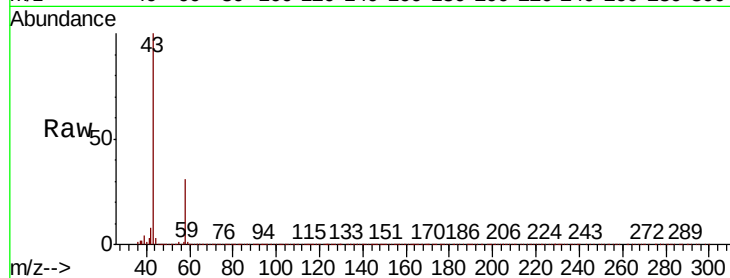
ClientSampleId :

Tot Ion: 58 Resp: 114154

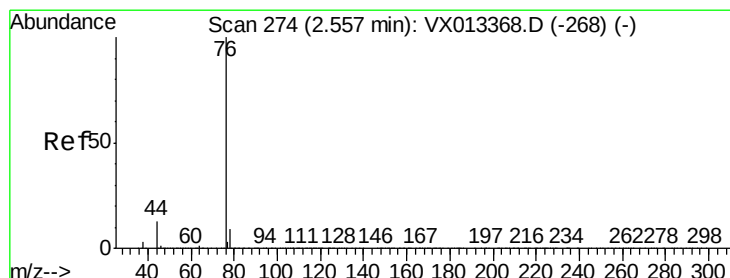
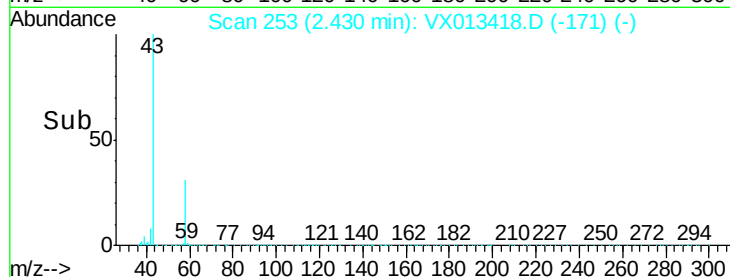
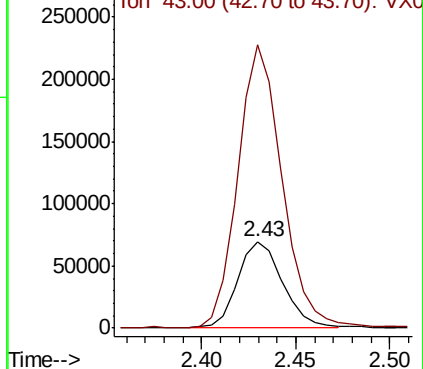
Ion Ratio Lower Upper

58 100

43 326.1 261.4 392.2



Abundance Ion 58.00 (57.70 to 58.70): VX0



#16

Carbon Disulfide

Concen: 17.104 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013418.D

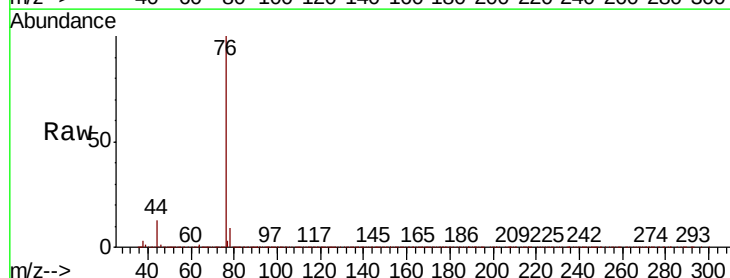
Acq: 14 Nov 2019 13:39

Tgt Ion: 76 Resp: 337214

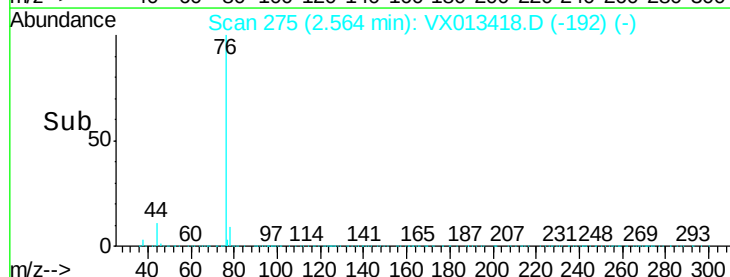
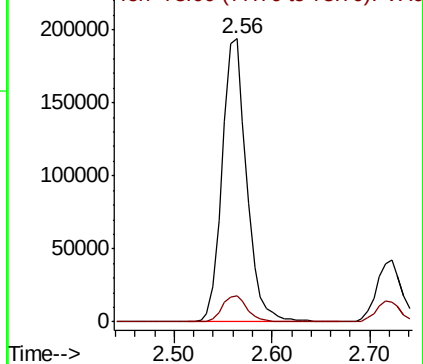
Ion Ratio Lower Upper

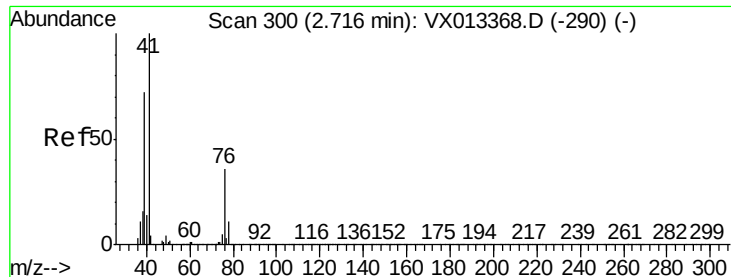
76 100

78 9.0 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VX0

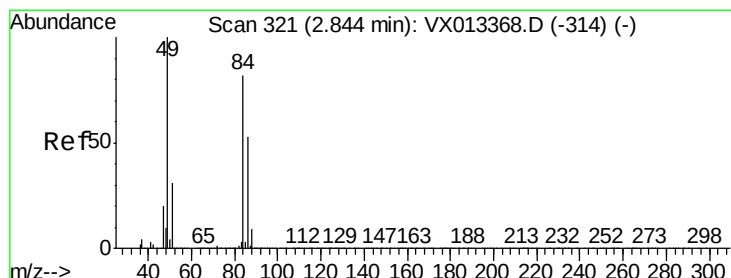
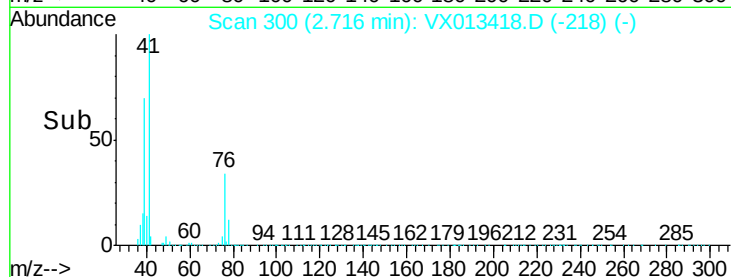
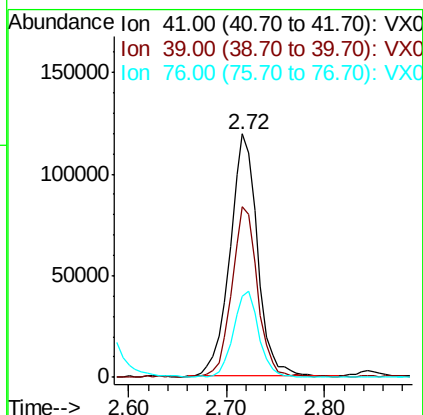
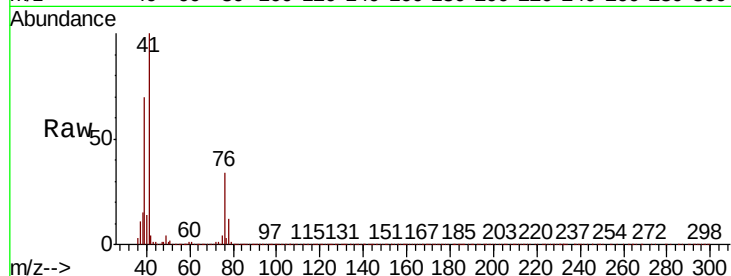




#17
Allvl chloride
Concen: 17.874 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

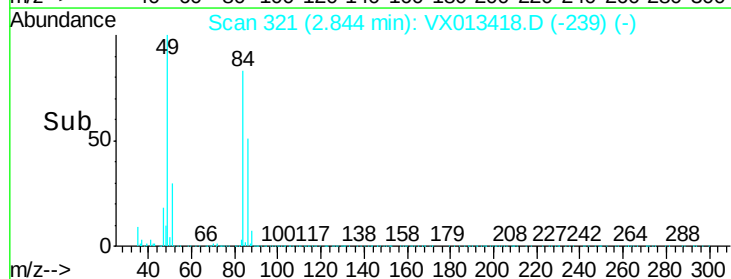
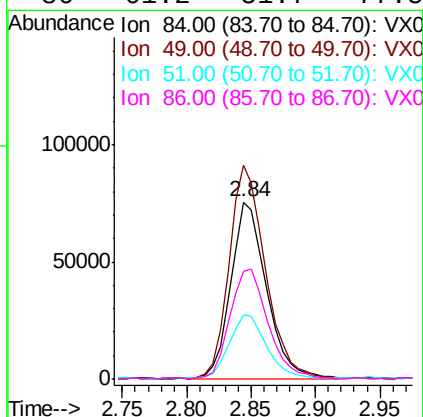
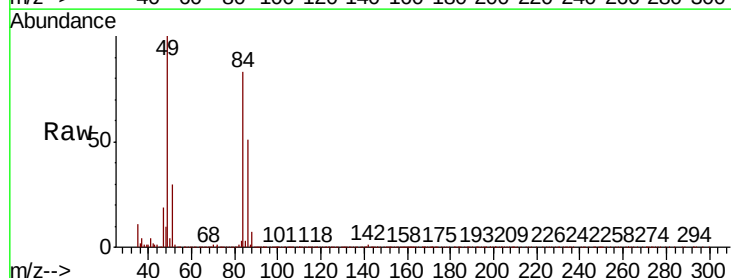
Instrument :
MSVOA_X
ClientSampleId :

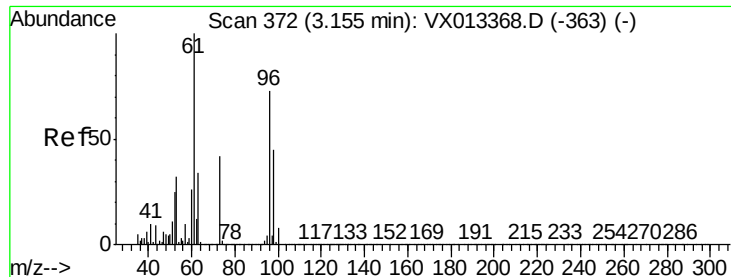
Tot Ion	Ratio	Lower	Upper
41	100		
39	70.4	36.1	108.3
76	33.4	18.1	54.4



#18
Methylene Chloride
Concen: 18.135 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.7	96.8	145.2
51	36.2	30.0	45.0
86	61.2	51.7	77.5





#19

trans-1,2-Dichloroethene

Concen: 18.097 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

Instrument :
MSVOA_X
ClientSampleId :

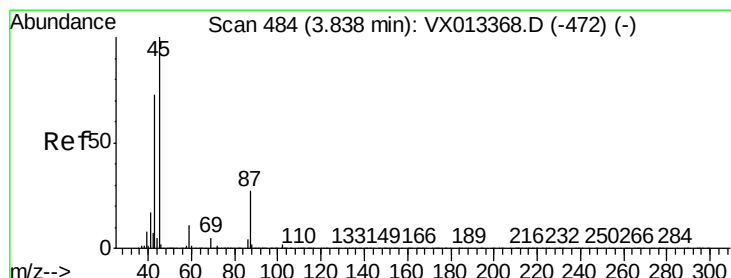
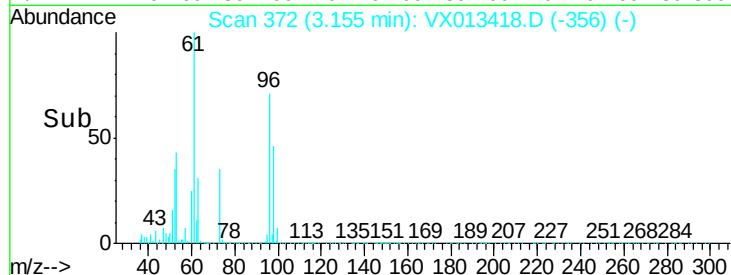
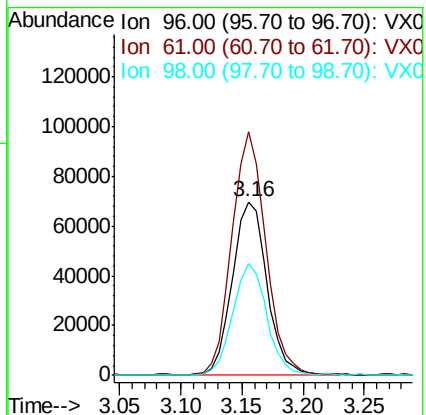
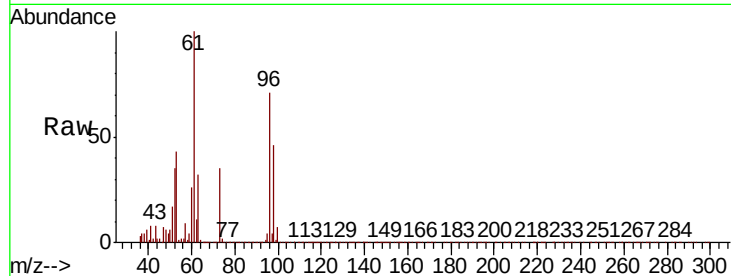
Tot Ion: 96 Resp: 136713

Ion Ratio Lower Upper

96 100

61 140.1 109.9 164.9

98 64.6 49.7 74.5



#20

Diisopropyl ether

Concen: 18.503 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.01 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

Tgt Ion: 45 Resp: 463376

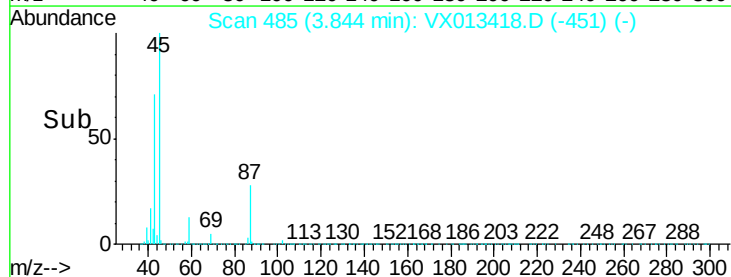
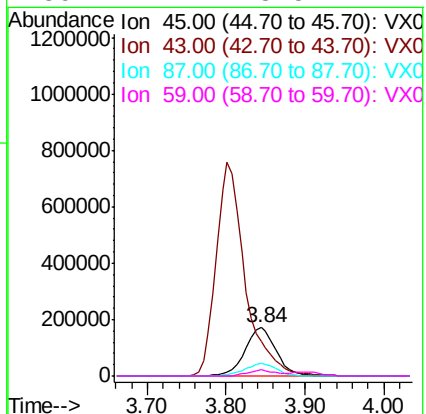
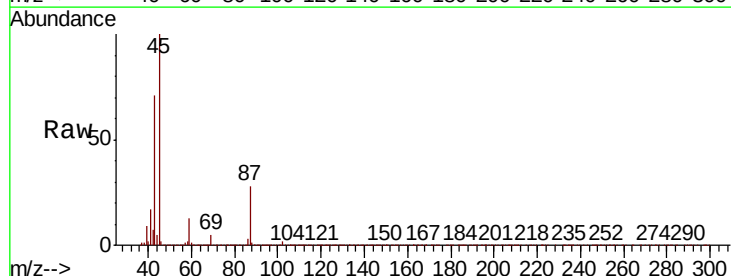
Ion Ratio Lower Upper

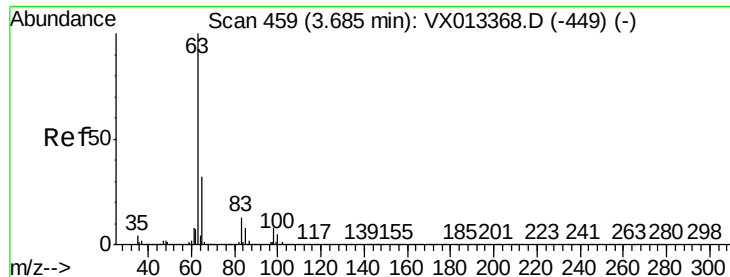
45 100

43 70.4 67.7 101.5

87 27.7 21.5 32.3

59 12.4 8.5 12.7





#21

1,1-Dichloroethane

Concen: 18.457 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

Instrument :

MSVOA_X

ClientSampled :

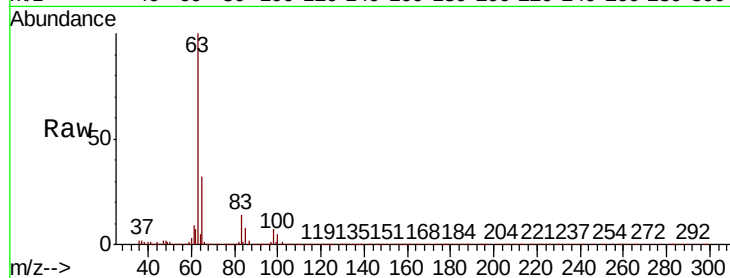
Tot Ion: 63 Resp: 251764

Ion Ratio Lower Upper

63 100

98 6.7 4.0 11.9

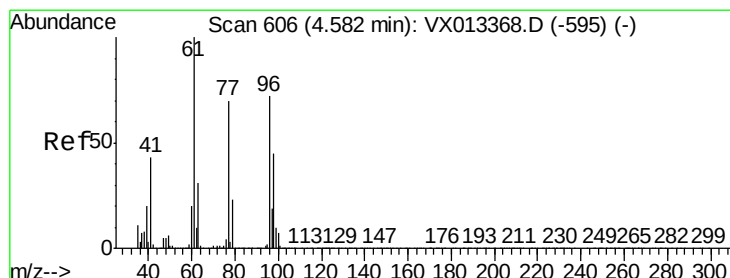
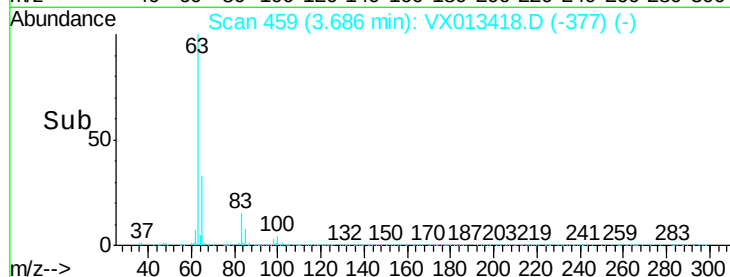
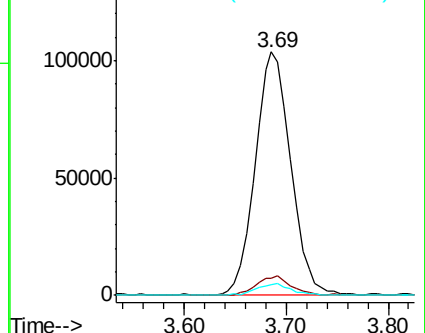
100 4.5 2.5 7.5



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: 18.366 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

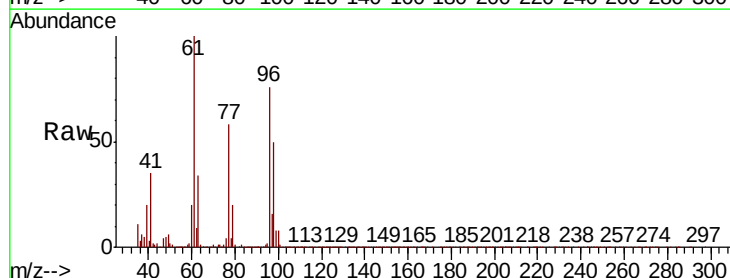
Tgt Ion: 96 Resp: 158183

Ion Ratio Lower Upper

96 100

61 141.1 117.0 175.6

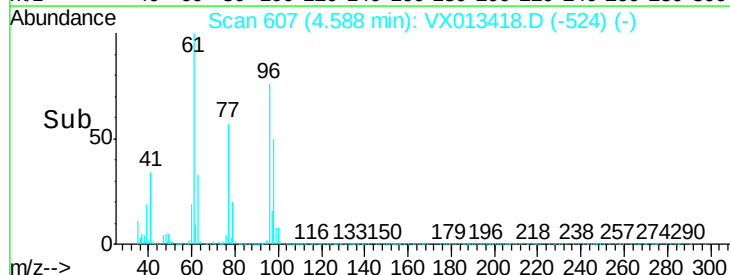
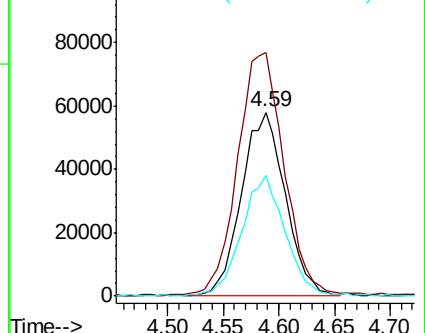
98 64.1 51.1 76.7

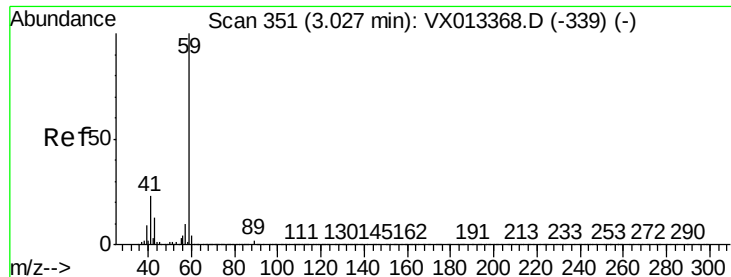


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#23

tert-Butyl Alcohol

Concen: 91.341 ug/l

RT: 3.03 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

Instrument :

MSVOA_X

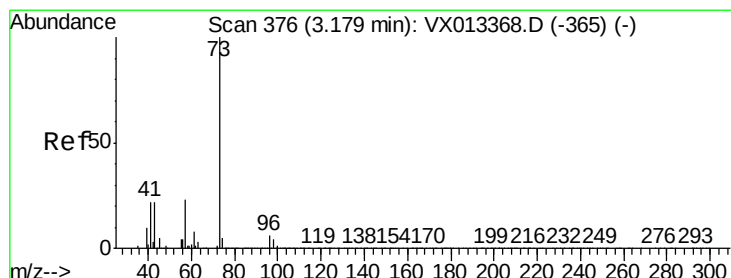
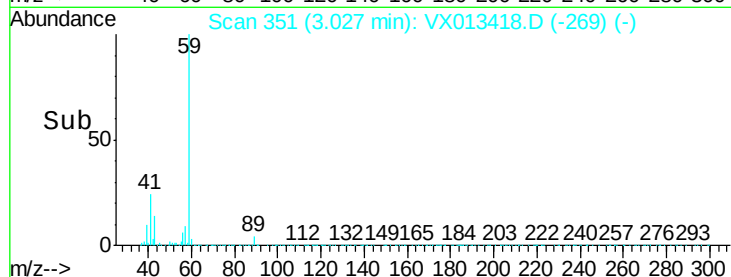
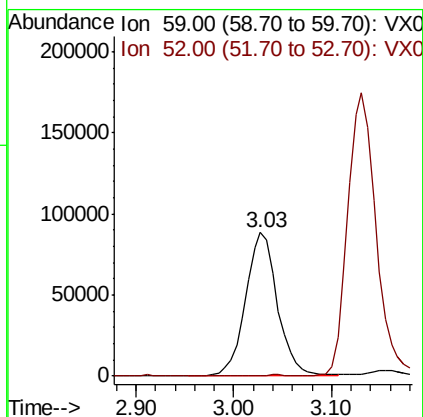
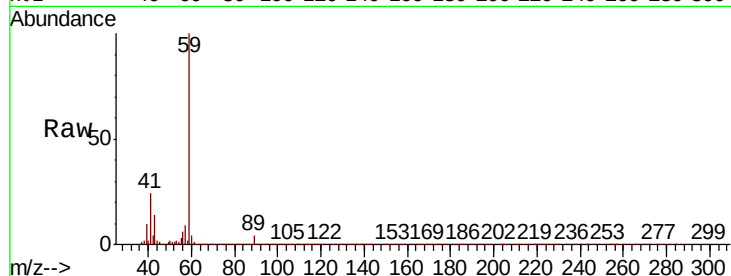
ClientSampleId :

Tot Ion: 59 Resp: 200214

Ion Ratio Lower Upper

59 100

52 0.3 0.1 0.1#



#24

Methyl tert-Butyl Ether

Concen: 18.273 ug/l

RT: 3.18 min Scan# 376

Delta R.T. 0.00 min

Lab File: VX013418.D

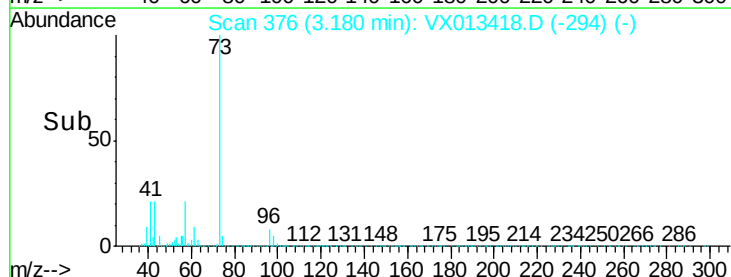
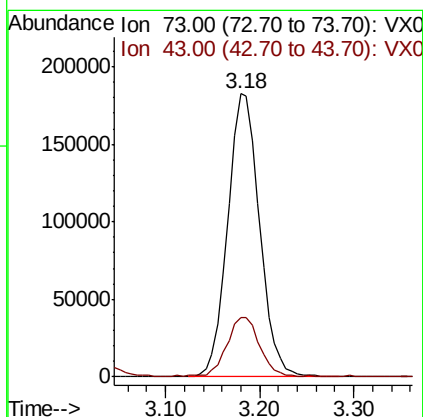
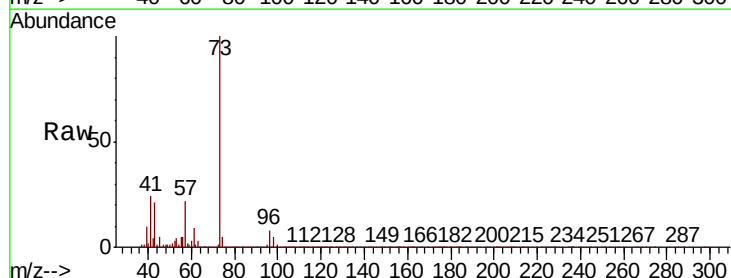
Acq: 14 Nov 2019 13:39

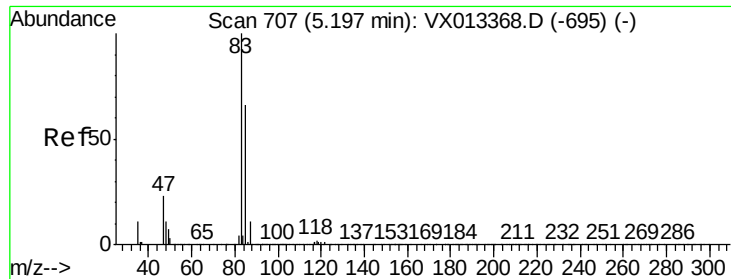
Tgt Ion: 73 Resp: 427483

Ion Ratio Lower Upper

73 100

43 21.1 17.0 25.6

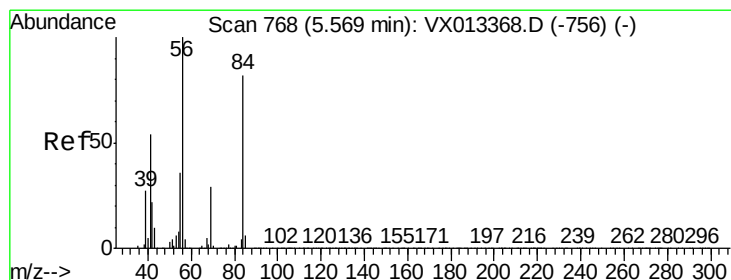
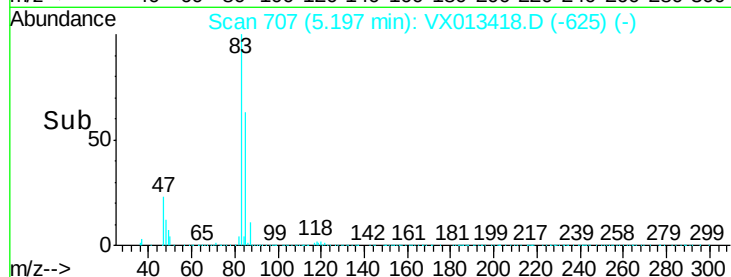
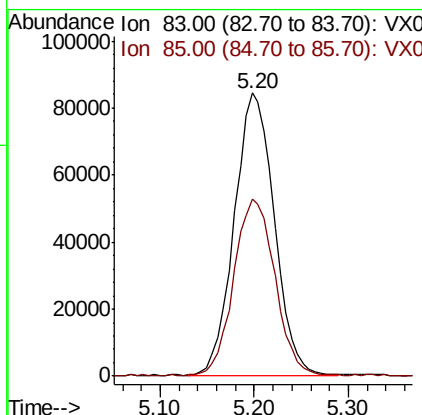
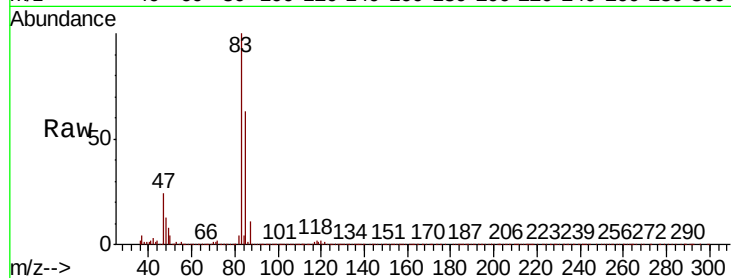




#25
Chloroform
Concen: 18.751 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

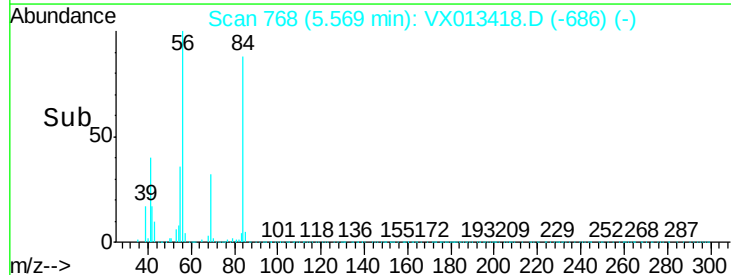
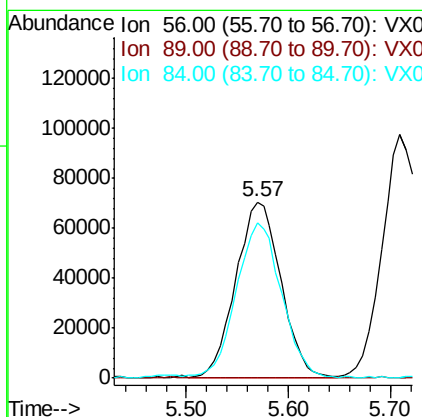
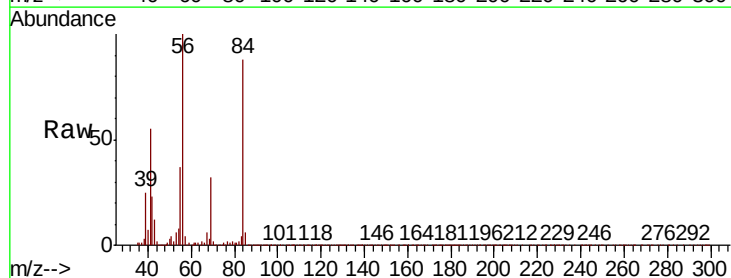
Instrument :
MSVOA_X
ClientSampled :

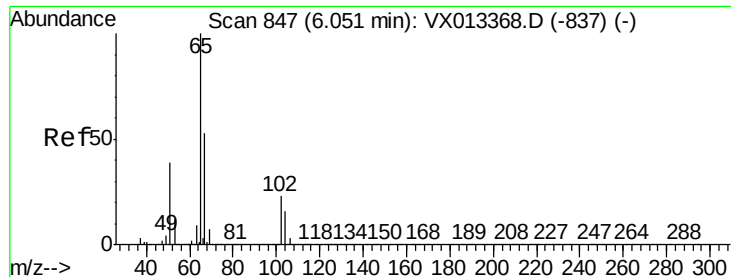
Tot Ion: 83 Resp: 250360
Ion Ratio Lower Upper
83 100
85 62.4 52.4 78.6



#26
Cyclohexane
Concen: 17.309 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Tgt Ion: 56 Resp: 214408
Ion Ratio Lower Upper
56 100
89 0.1 0.0 0.0#
84 88.4 70.5 105.7





#27

1,2-Dichloroethane-d4

Concen: 28.019 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

Instrument :

MSVOA_X

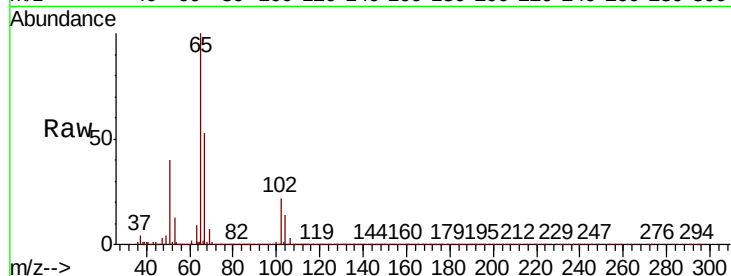
ClientSampled :

Tot Ion: 65 Resp: 236800

Ion Ratio Lower Upper

65 100

67 53.0 41.0 61.6



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

6.05

100000

80000

60000

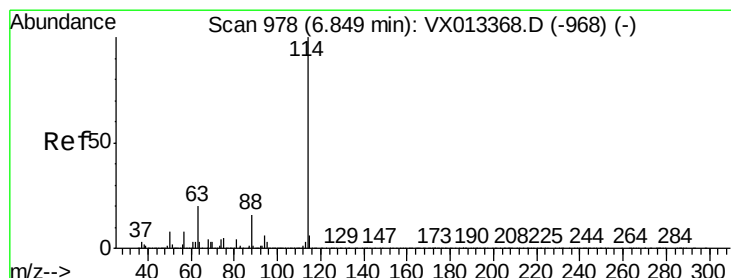
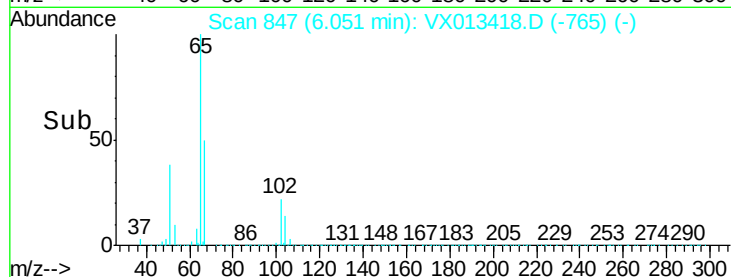
40000

20000

0

Time-->

5.95 6.00 6.05 6.10 6.15



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

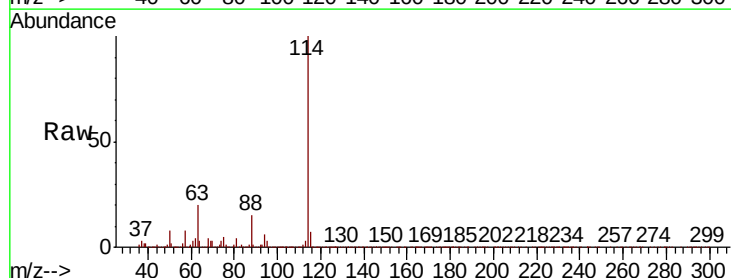
Tgt Ion: 114 Resp: 617436

Ion Ratio Lower Upper

114 100

63 19.9 16.1 24.1

88 15.5 12.3 18.5



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

6.85

300000

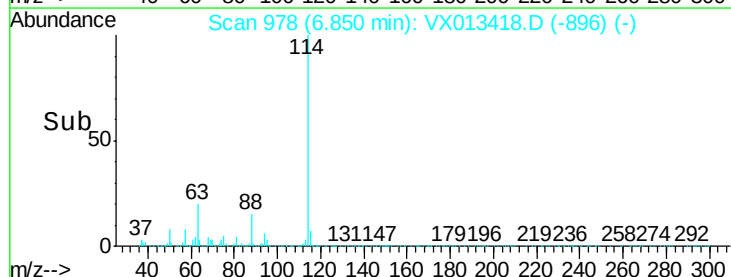
200000

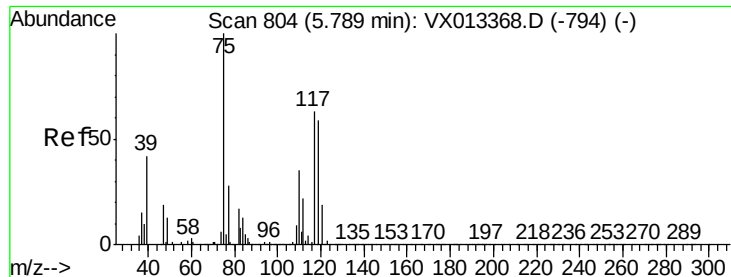
100000

0

Time-->

6.80 6.90

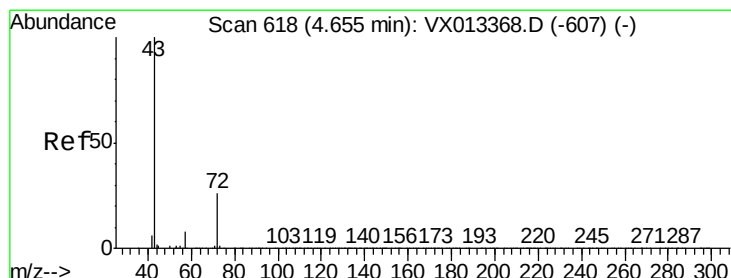
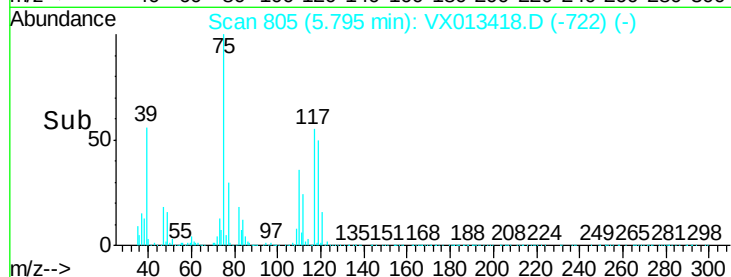
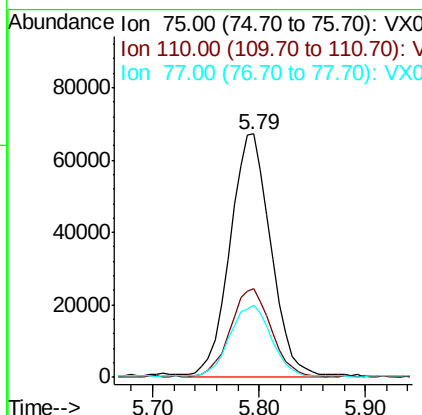
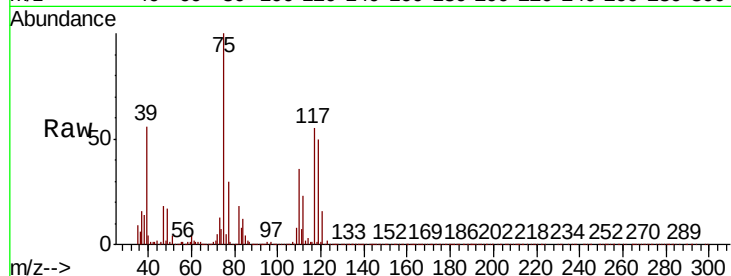




#29
 1,1-Dichloropropene
 Concen: 19.223 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: VX013418.D
 Acq: 14 Nov 2019 13:39

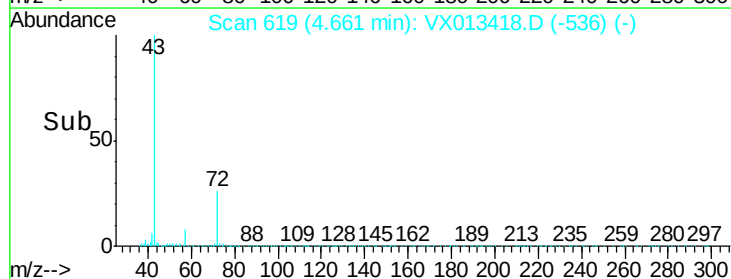
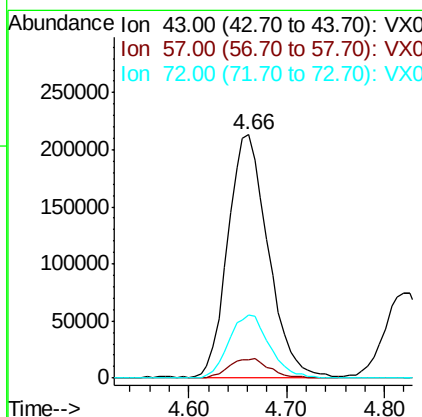
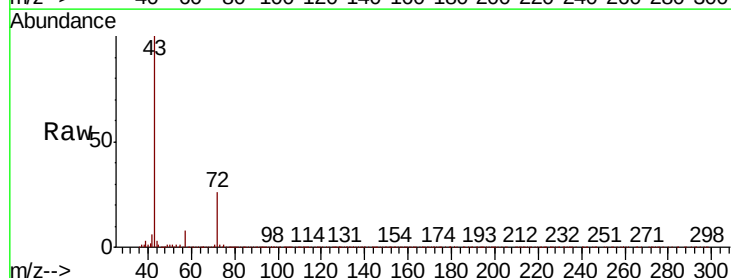
Instrument :
 MSVOA_X
 ClientSampleId :

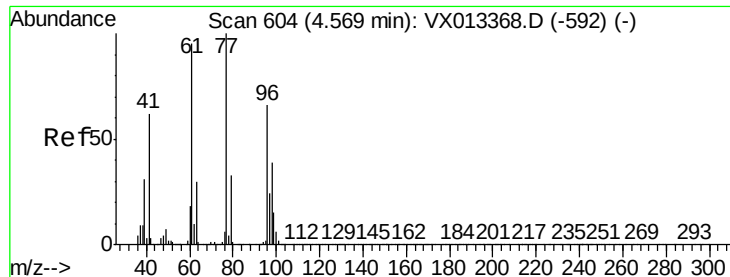
Tot Ion	Ratio	Lower	Upper
75	100		
110	36.0	0.0	74.6
77	29.6	0.0	62.6



#30
 2-Butanone
 Concen: 97.407 ug/l
 RT: 4.66 min Scan# 619
 Delta R.T. 0.01 min
 Lab File: VX013418.D
 Acq: 14 Nov 2019 13:39

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.4	6.1	9.1
72	25.5	20.5	30.7





#31

2,2-Dichloropropane

Concen: 18.412 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

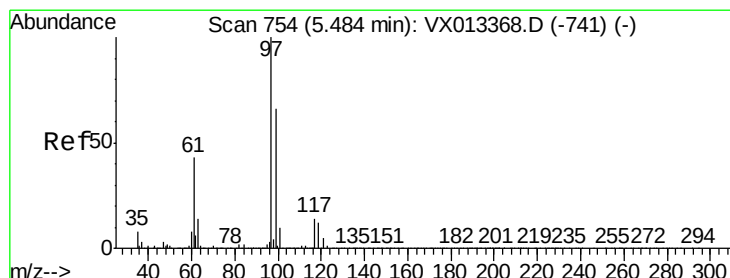
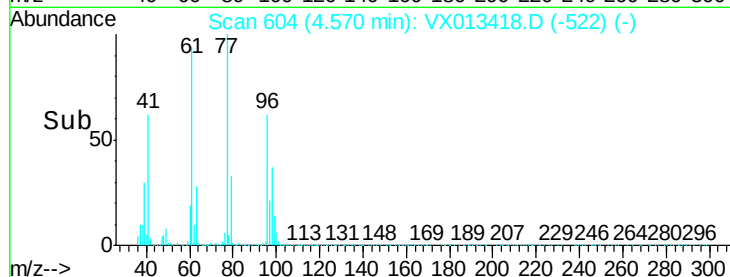
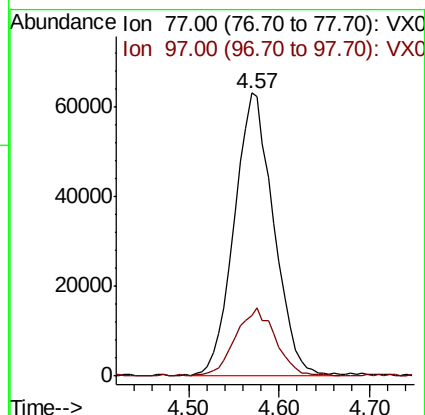
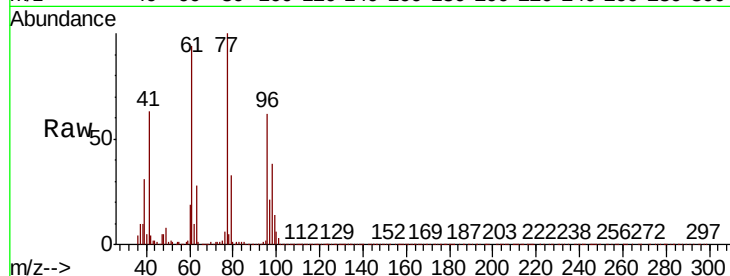
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 77 Resp: 188044

Ion Ratio Lower Upper

77 100

97 24.7 19.2 28.8



#32

1,1,1-Trichloroethane

Concen: 19.519 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

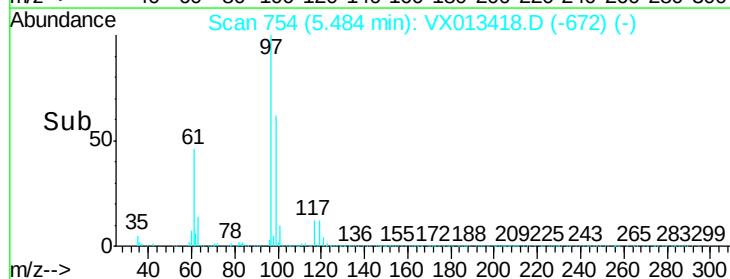
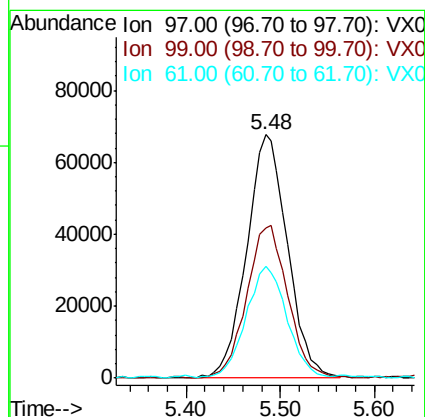
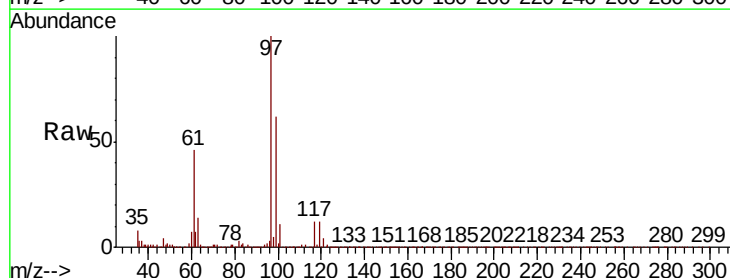
Tgt Ion: 97 Resp: 204599

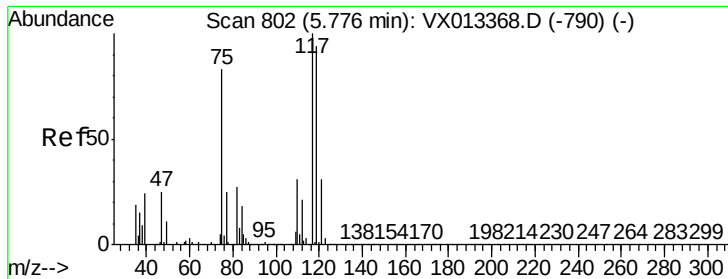
Ion Ratio Lower Upper

97 100

99 63.0 52.5 78.7

61 45.6 36.1 54.1

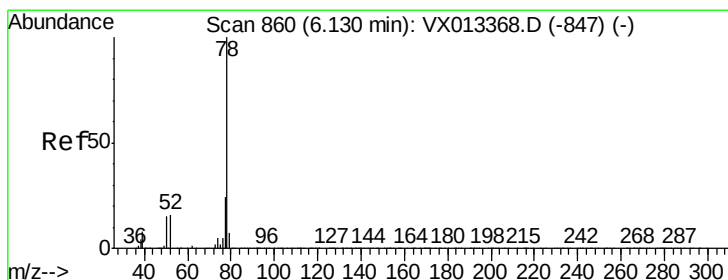
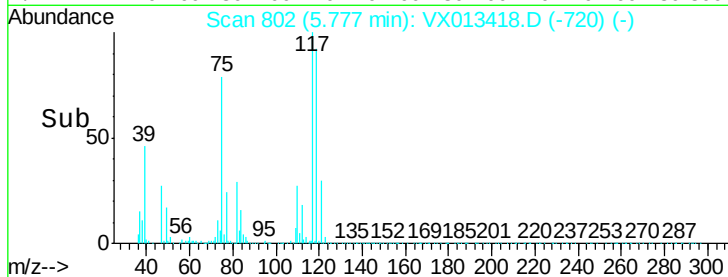
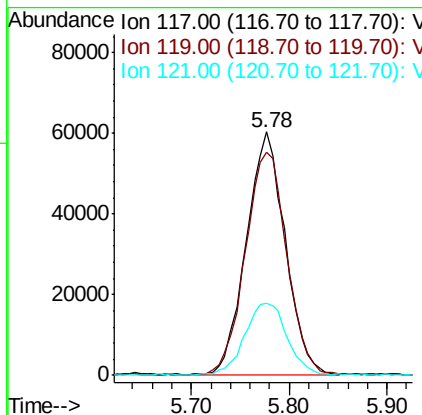
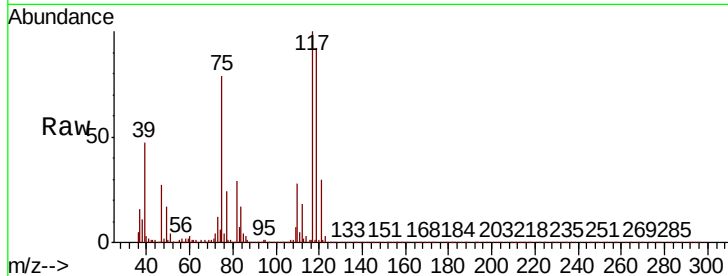




#33
Carbon Tetrachloride
Concen: 18.483 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

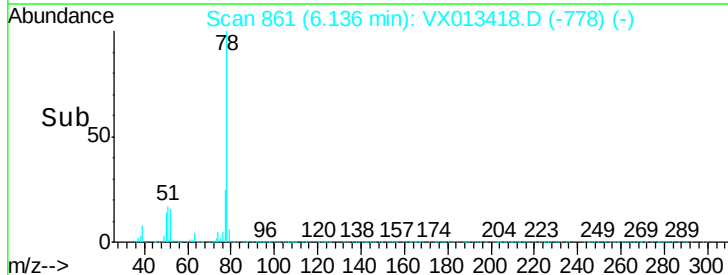
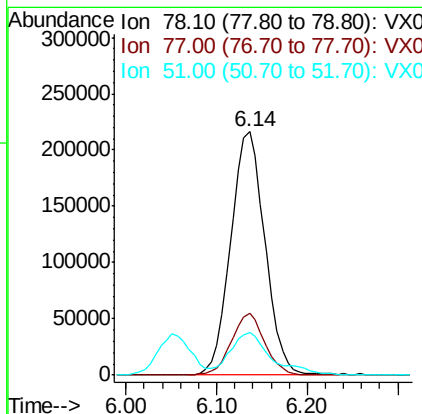
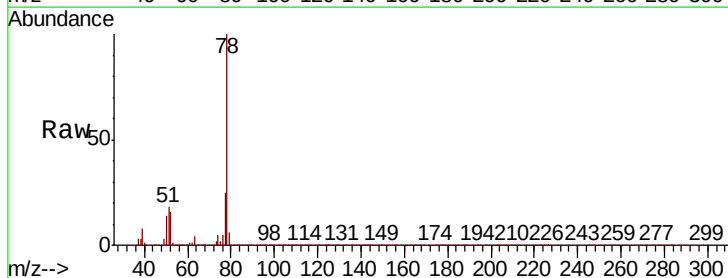
Instrument :
MSVOA_X
ClientSampleId :

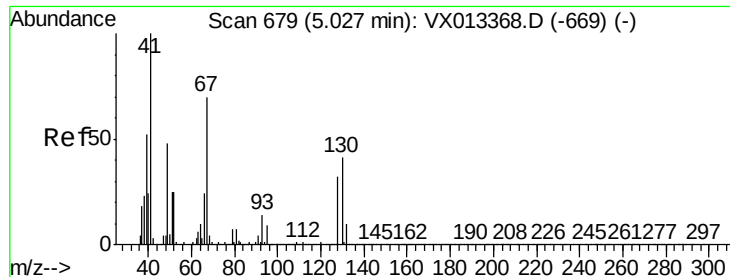
Tot Ion	Ratio	Lower	Upper
117	100		
119	91.6	75.0	112.6
121	29.2	24.9	37.3



#34
Benzene
Concen: 19.753 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.2	19.3	28.9
51	17.3	12.2	18.4

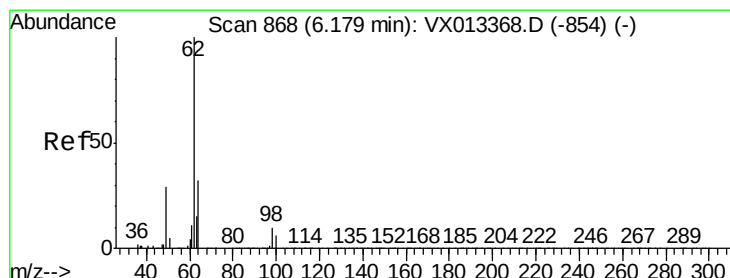
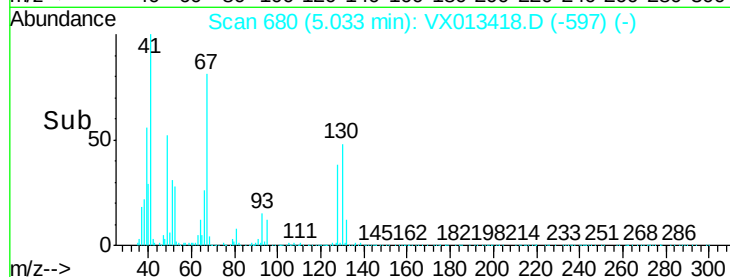
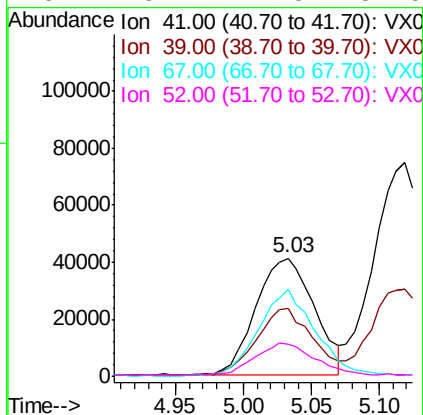
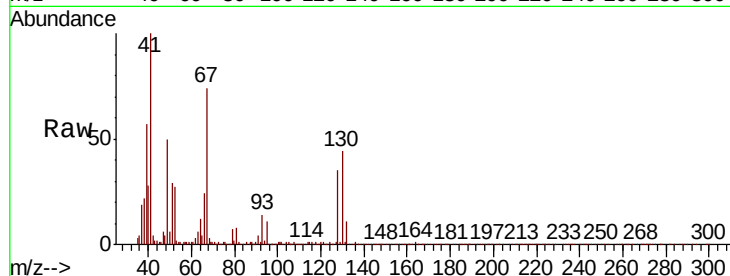




#35
Methacrylonitrile
Concen: 19.940 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

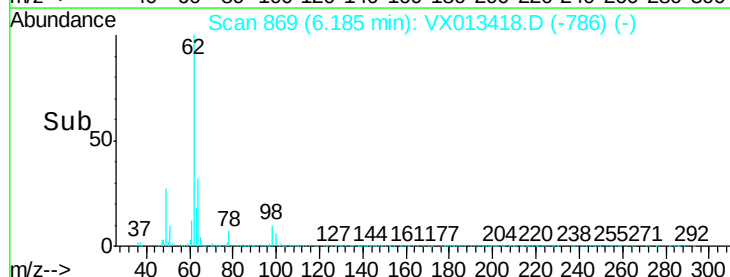
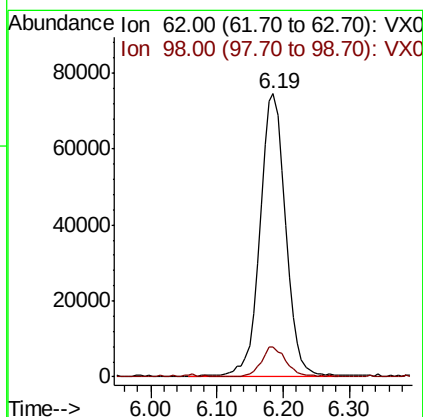
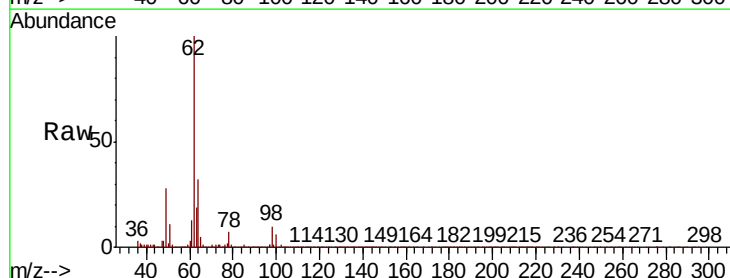
Instrument :
MSVOA_X
ClientSampleId :

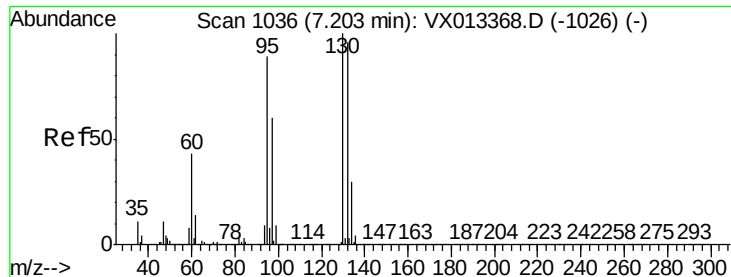
Tot Ion:	41	Resp:	123952
Ion	Ratio	Lower	Upper
41	100		
39	56.6	25.9	77.8
67	73.5	35.1	105.5
52	25.7	12.5	37.5



#36
1,2-Dichloroethane
Concen: 20.223 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Tgt Ion:	62	Resp:	202480
Ion	Ratio	Lower	Upper
62	100		
98	10.1	8.2	12.2

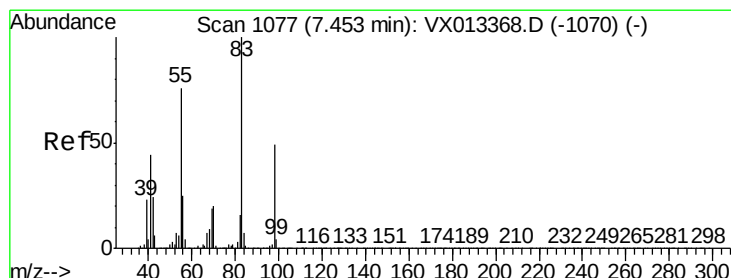
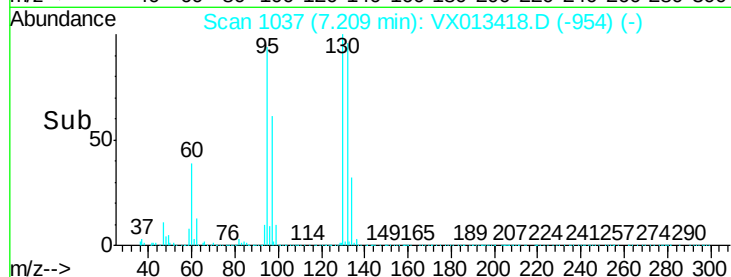
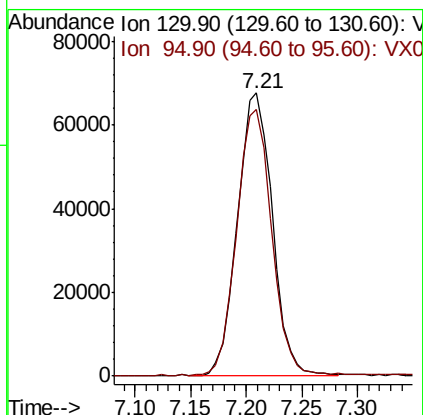
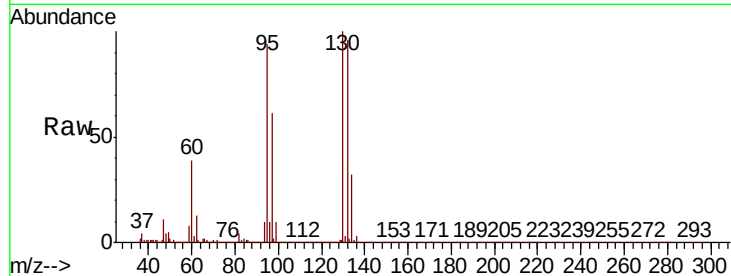




#37
 Trichloroethene
 Concen: 19.143 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX013418.D
 Acq: 14 Nov 2019 13:39

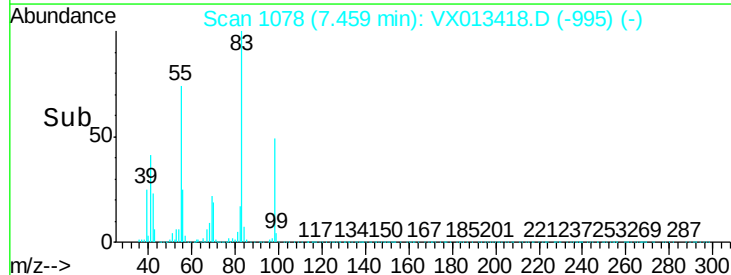
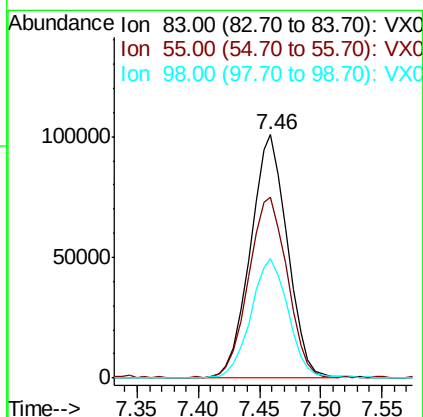
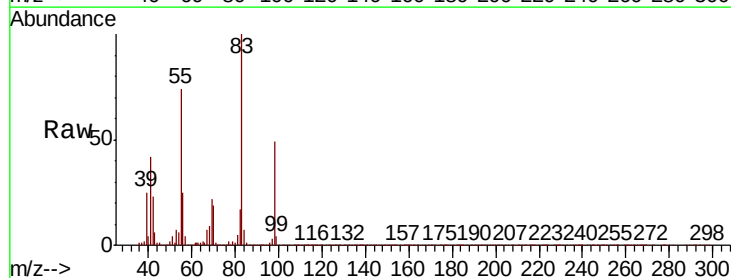
Instrument :
 MSVOA_X
 ClientSampleId :

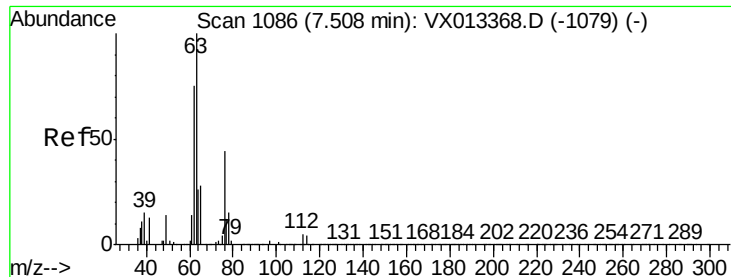
Tot Ion:130 Resp: 146694
 Ion Ratio Lower Upper
 130 100
 95 93.9 71.3 106.9



#38
 Methylcyclohexane
 Concen: 18.288 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. 0.01 min
 Lab File: VX013418.D
 Acq: 14 Nov 2019 13:39

Tgt Ion: 83 Resp: 211468
 Ion Ratio Lower Upper
 83 100
 55 77.5 37.9 113.7
 98 49.9 25.1 75.3

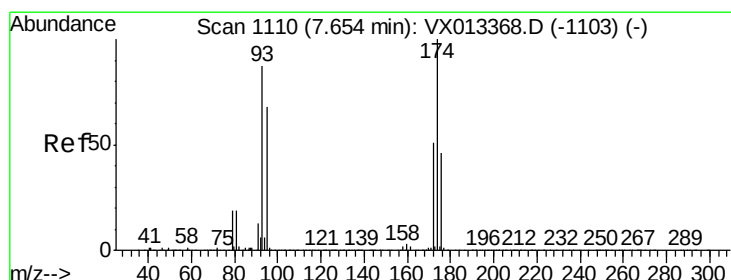
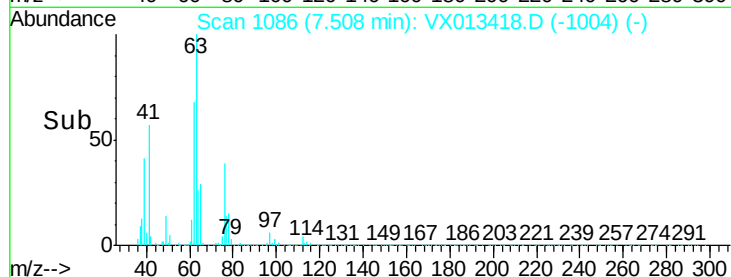
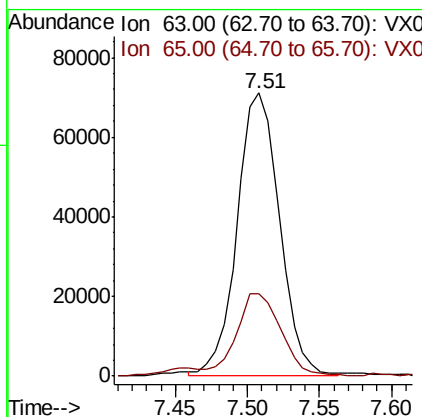
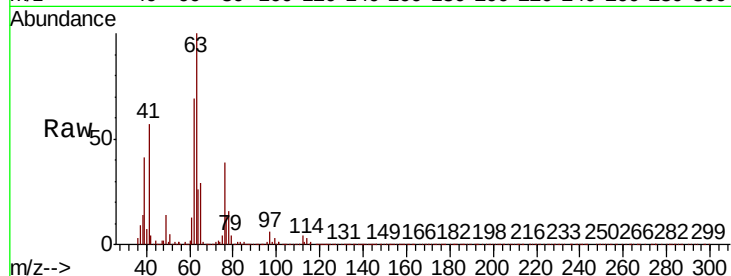




#39
 1,2-Dichloropropane
 Concen: 19.534 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013418.D
 Acq: 14 Nov 2019 13:39

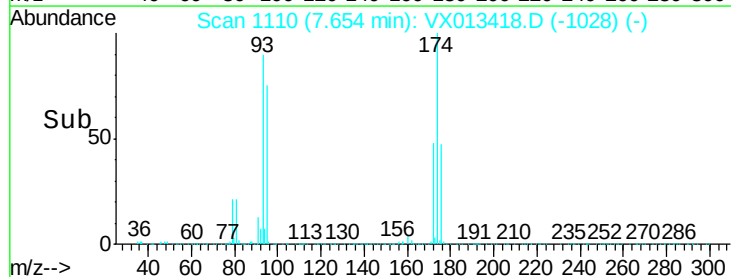
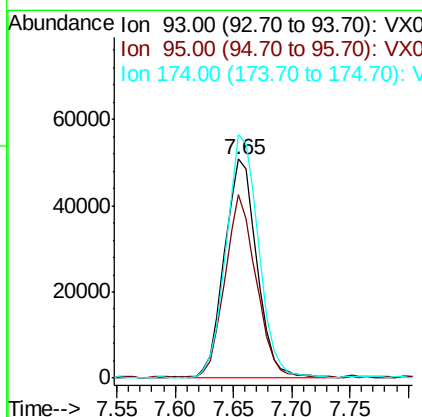
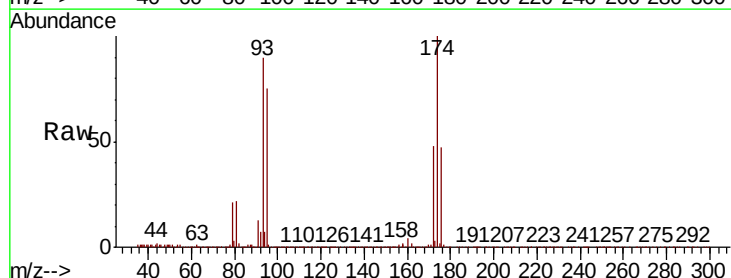
Instrument :
 MSVOA_X
 ClientSampleId :

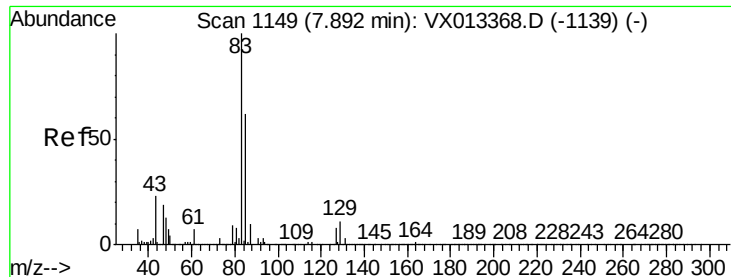
Tot Ion: 63 Resp: 144479
 Ion Ratio Lower Upper
 63 100
 65 29.1 23.8 35.8



#40
 Dibromomethane
 Concen: 19.987 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013418.D
 Acq: 14 Nov 2019 13:39

Tgt Ion: 93 Resp: 98380
 Ion Ratio Lower Upper
 93 100
 95 81.6 0.0 160.8
 174 112.0 0.0 228.8





#41

Bromodichloromethane

Concen: 18.959 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

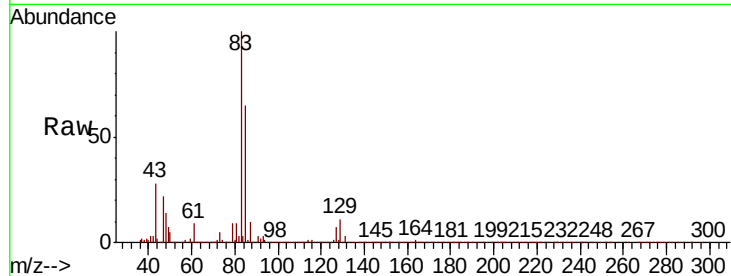
Tot Ion: 83 Resp: 182178

Ion Ratio Lower Upper

83 100

85 65.0 49.3 73.9

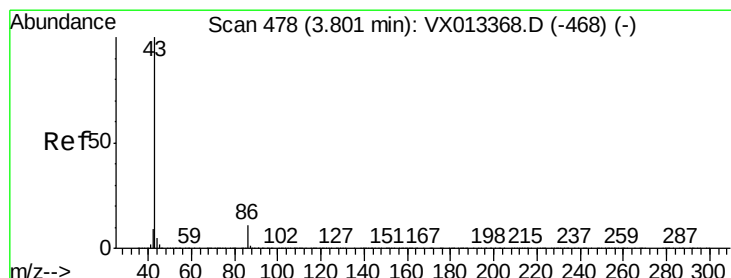
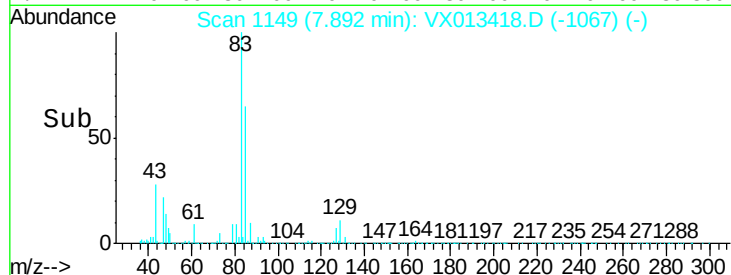
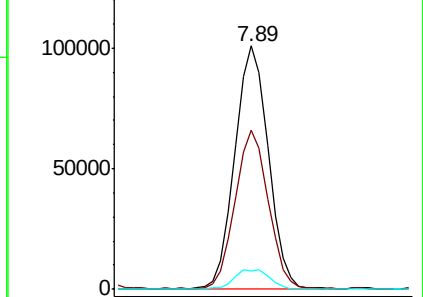
127 7.2 6.6 10.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 98.826 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013418.D

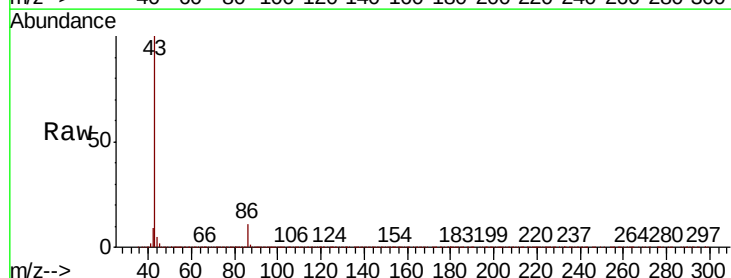
Acq: 14 Nov 2019 13:39

Tgt Ion: 43 Resp: 1936770

Ion Ratio Lower Upper

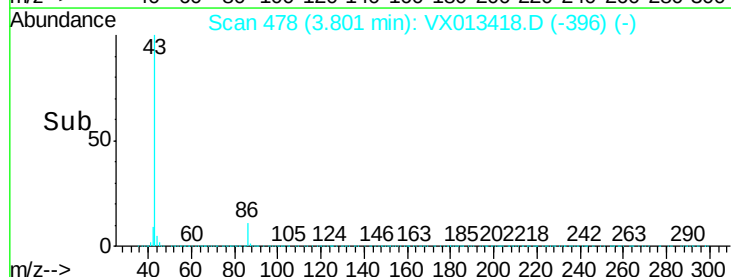
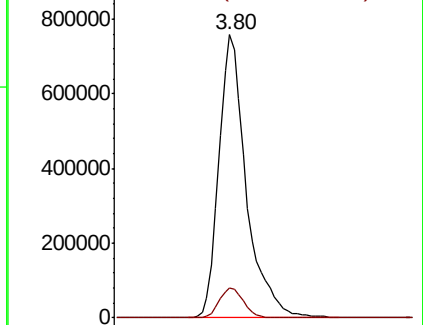
43 100

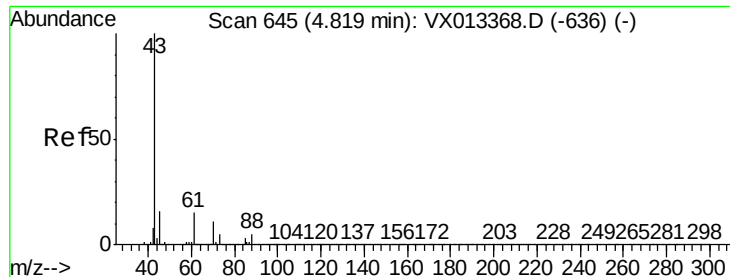
86 9.5 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

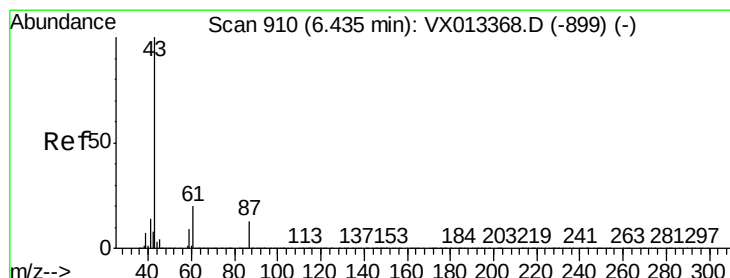
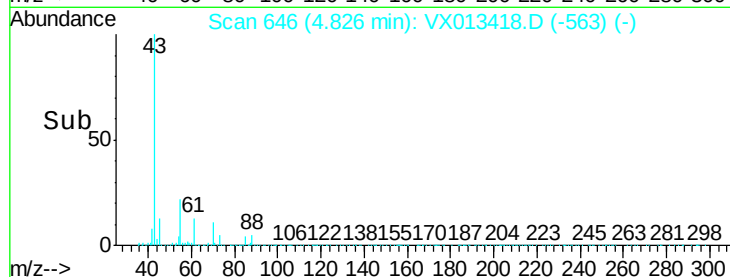
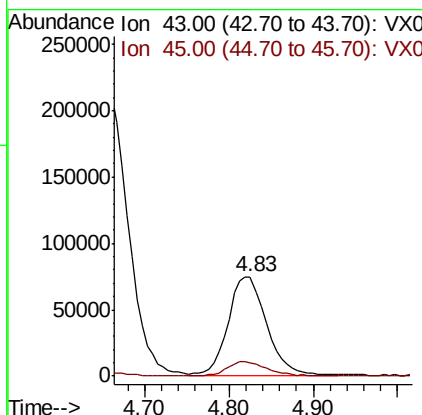
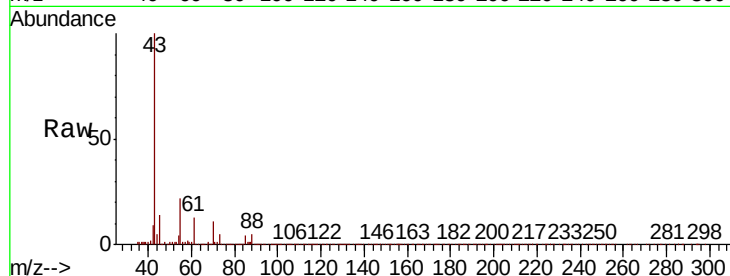




#43
Ethyl Acetate
Concen: 20.265 ug/l
RT: 4.83 min Scan# 646
Delta R.T. 0.01 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

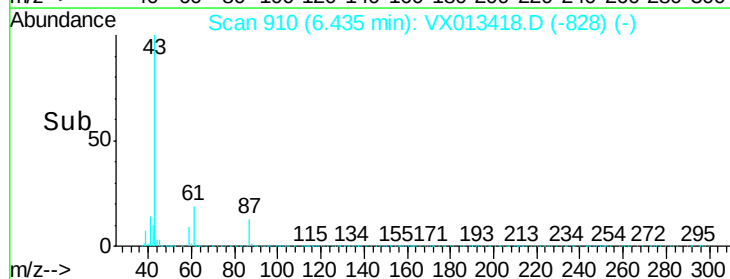
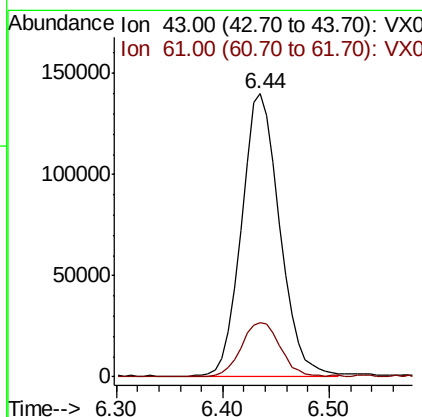
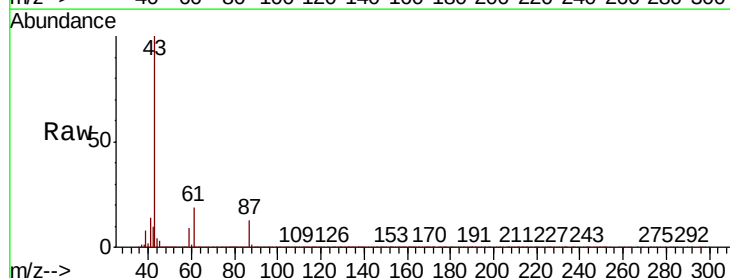
Instrument :
MSVOA_X
ClientSampleID :

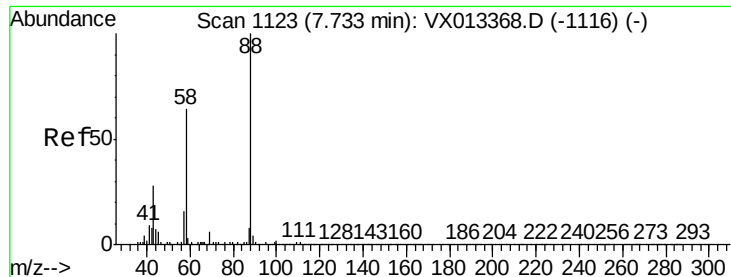
Tot Ion: 43 Resp: 230071
Ion Ratio Lower Upper
43 100
45 14.0 10.9 16.3



#44
Isopropyl Acetate
Concen: 19.176 ug/l
RT: 6.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Tgt Ion: 43 Resp: 349963
Ion Ratio Lower Upper
43 100
61 19.9 15.8 23.8





#45

1,4-Dioxane

Concen: 401.596 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

Instrument :

MSVOA_X

ClientSampled :

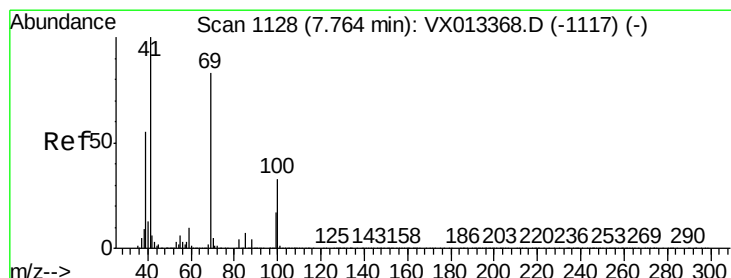
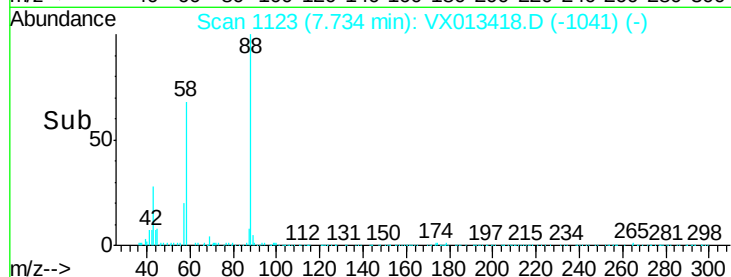
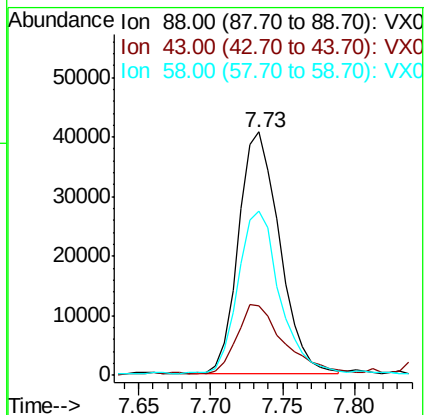
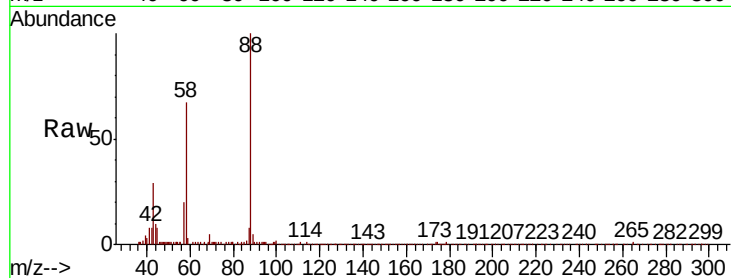
Tot Ion: 88 Resp: 80915

Ion Ratio Lower Upper

88 100

43 31.5 26.1 39.1

58 67.6 55.8 83.8



#46

Methyl methacrylate

Concen: 19.162 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

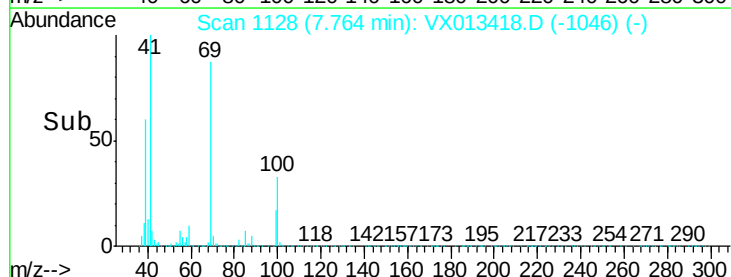
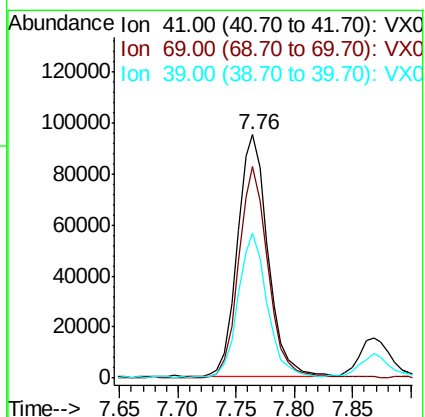
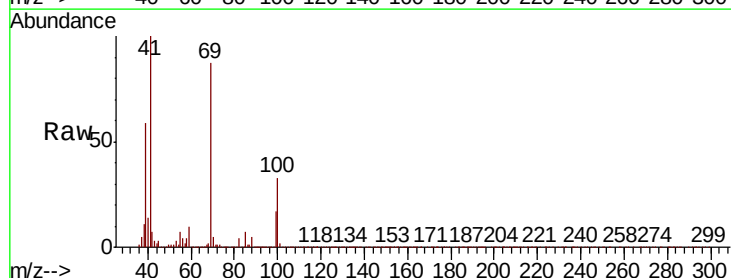
Tgt Ion: 41 Resp: 173953

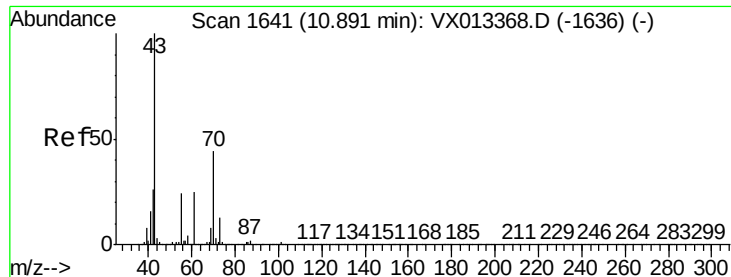
Ion Ratio Lower Upper

41 100

69 87.2 41.4 124.4

39 59.2 27.9 83.6

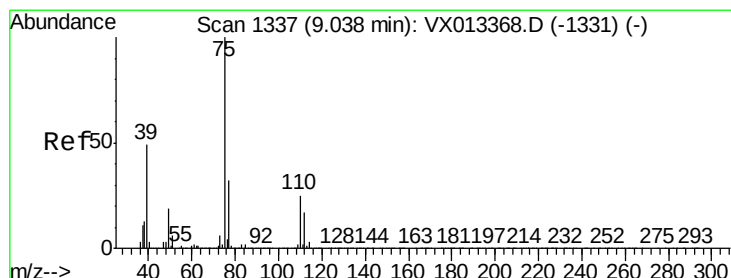
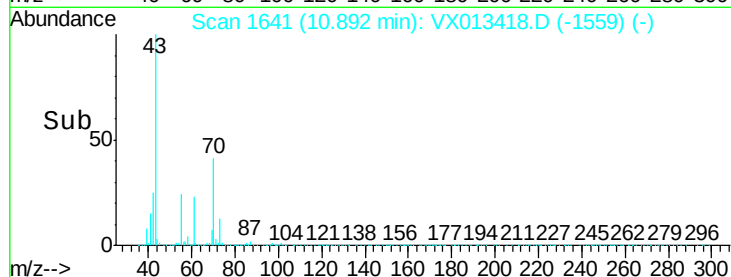
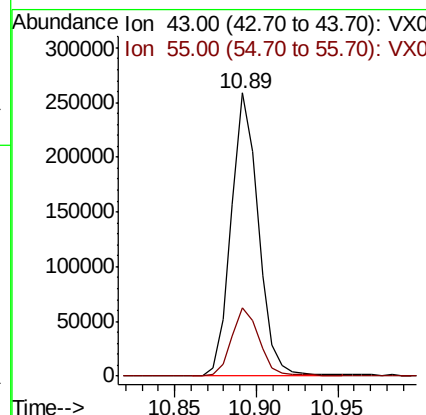
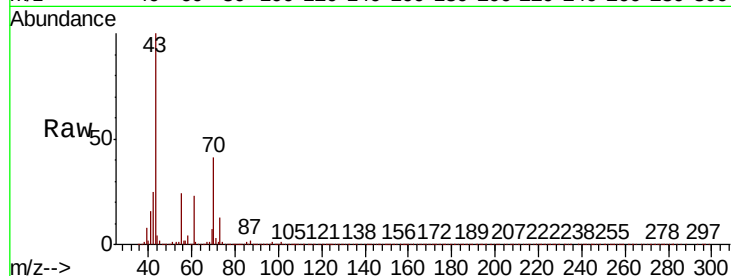




#47
n-amvl Acetate
Concen: 18.693 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

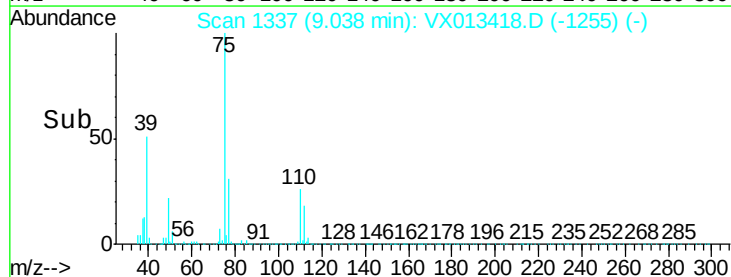
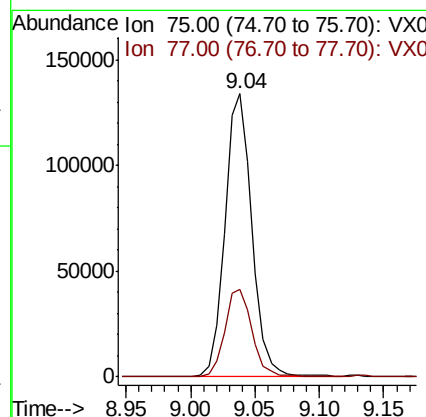
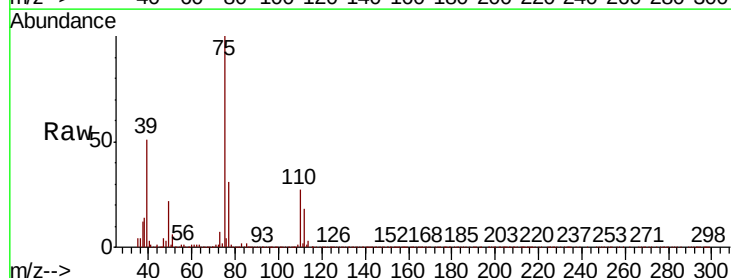
Instrument :
MSVOA_X
ClientSampleId :

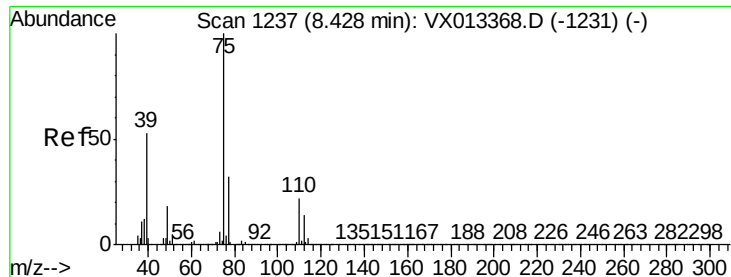
Tot Ion: 43 Resp: 299230
Ion Ratio Lower Upper
43 100
55 24.4 19.0 28.4



#48
t-1,3-Dichloropropene
Concen: 18.231 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Tgt Ion: 75 Resp: 196436
Ion Ratio Lower Upper
75 100
77 30.8 25.3 37.9



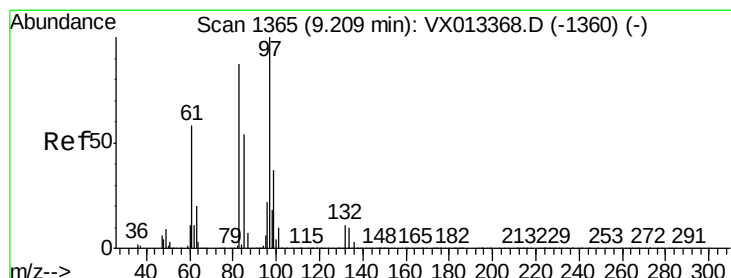
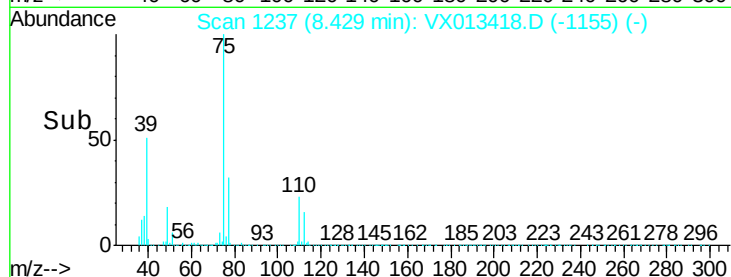
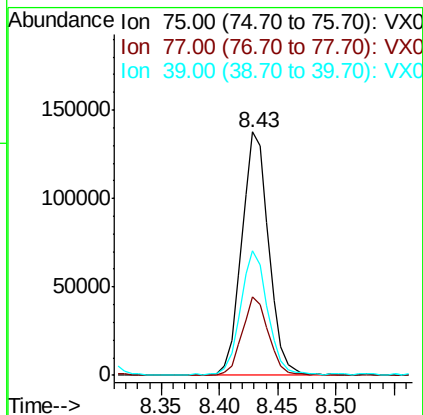
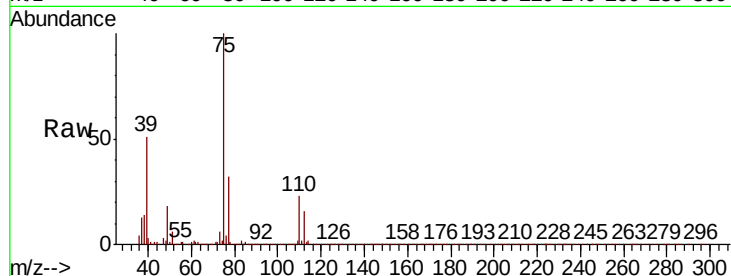


#49

cis-1,3-Dichloropropene
Concen: 19.013 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Instrument :
MSVOA_X
ClientSampleId :

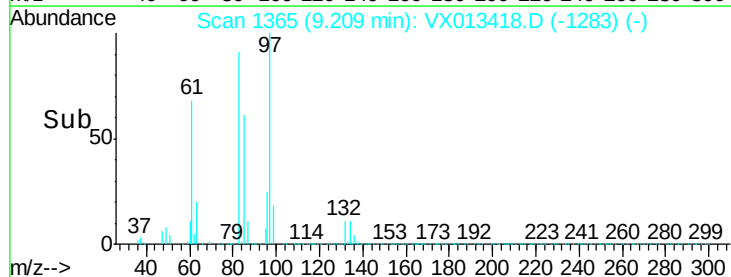
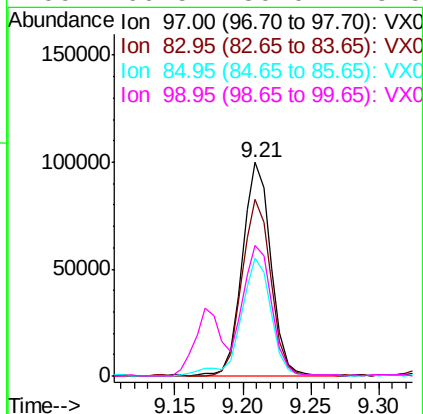
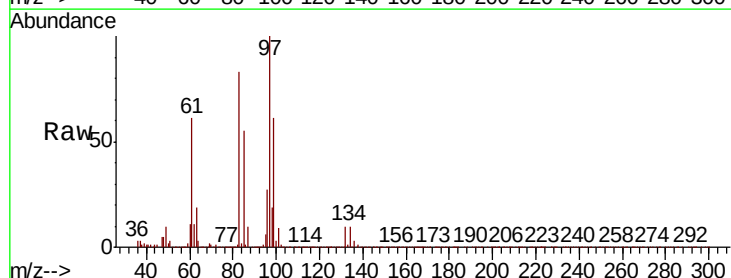
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.8	38.8
39	51.1	42.2	63.4

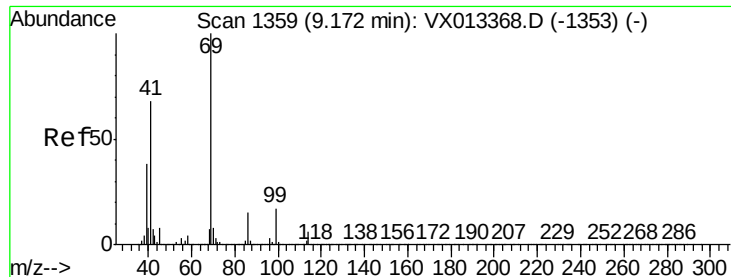


#50

1,1,2-Trichloroethane
Concen: 20.042 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.6	69.6	104.4
85	54.8	45.5	68.3
99	60.5	50.0	75.0





#51

Ethyl methacrylate

Concen: 18.991 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

Instrument :

MSVOA_X

ClientSampled :

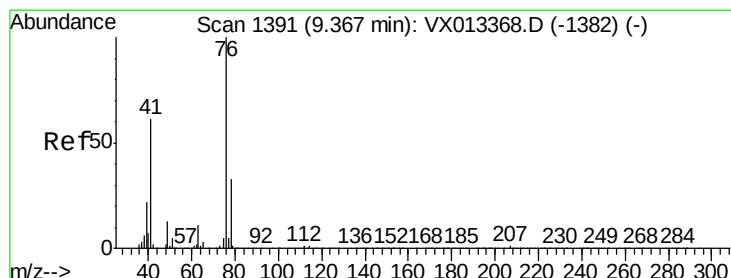
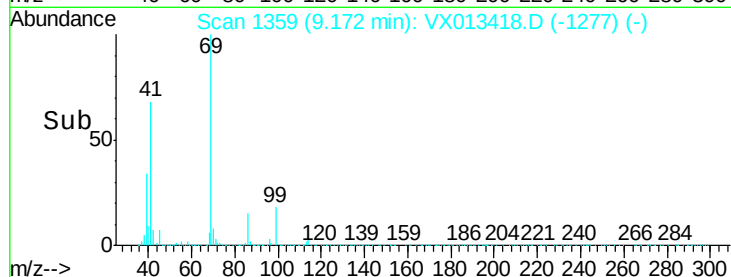
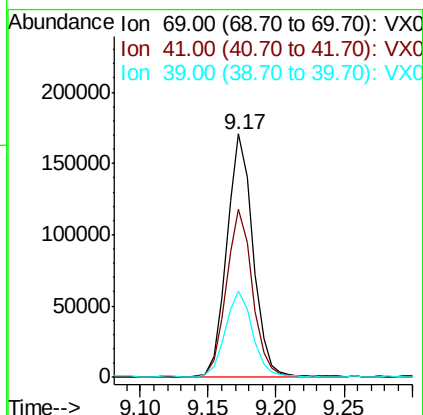
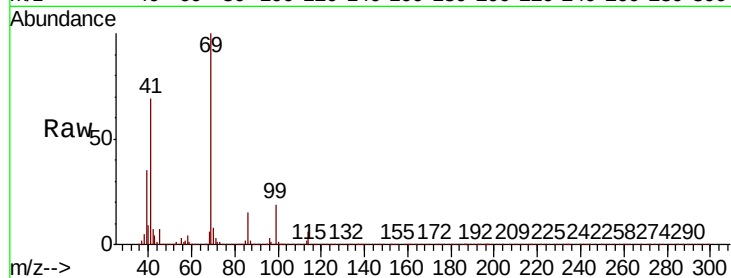
Tot Ion: 69 Resp: 227747

Ion Ratio Lower Upper

69 100

41 68.7 33.9 101.6

39 35.0 18.8 56.4



#52

1,3-Dichloropropane

Concen: 19.755 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013418.D

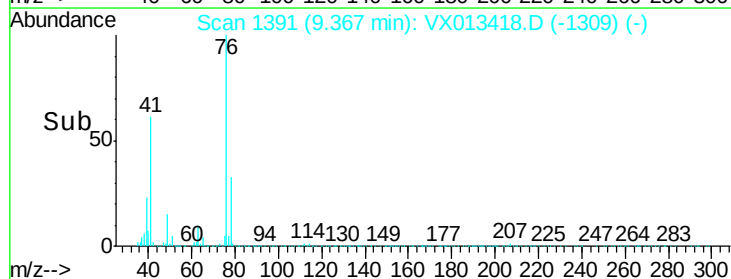
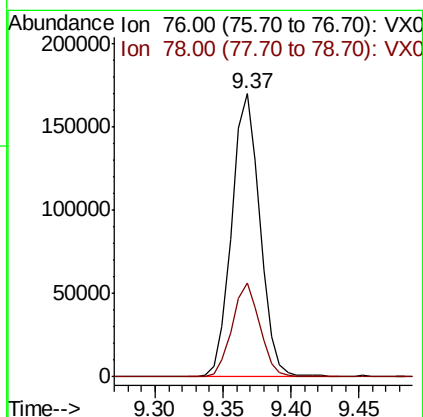
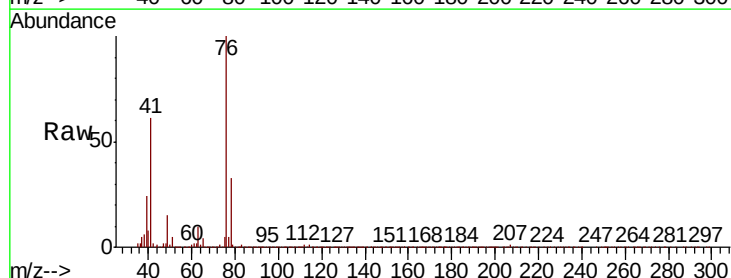
Acq: 14 Nov 2019 13:39

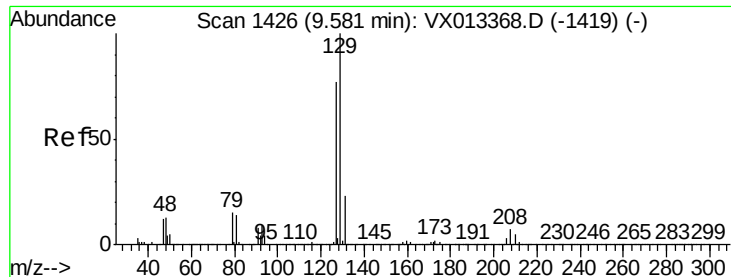
Tgt Ion: 76 Resp: 245982

Ion Ratio Lower Upper

76 100

78 32.2 0.0 63.6

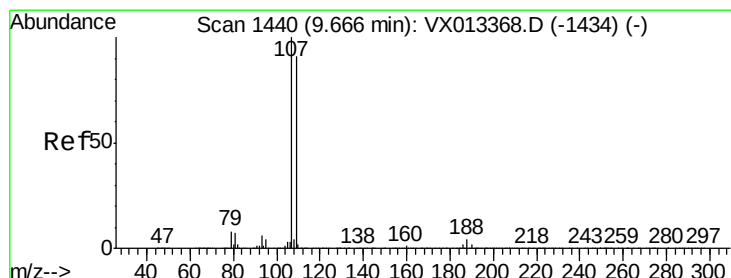
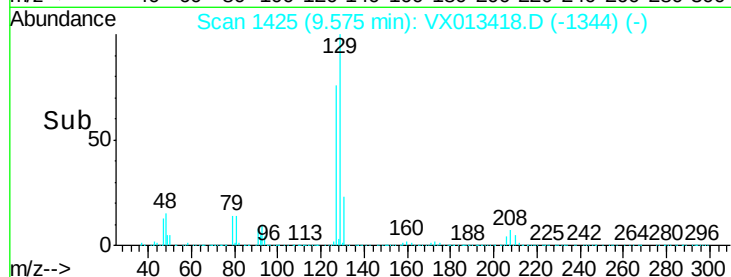
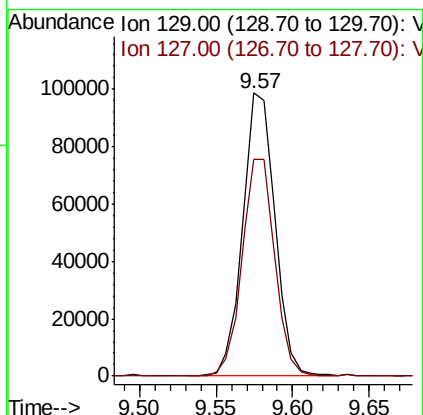
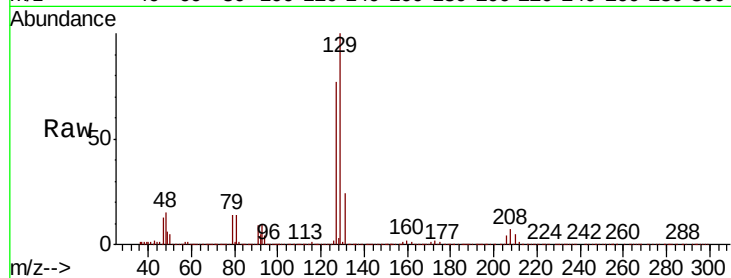




#53
 Dibromochloromethane
 Concen: 18.665 ug/l
 RT: 9.57 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: VX013418.D
 Acq: 14 Nov 2019 13:39

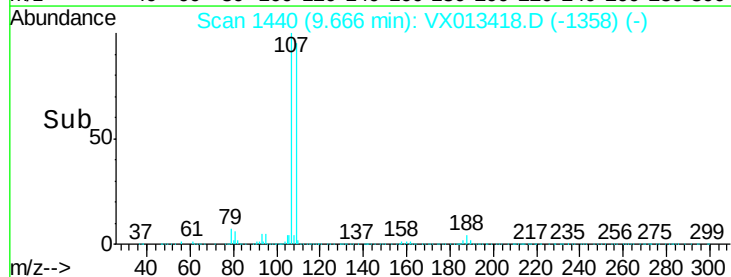
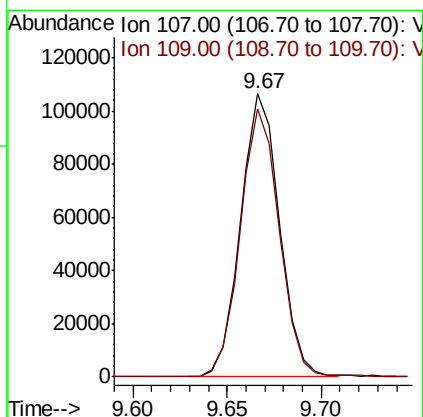
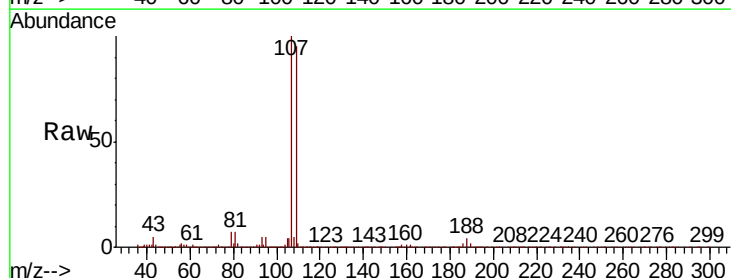
Instrument :
 MSVOA_X
 ClientSampleId :

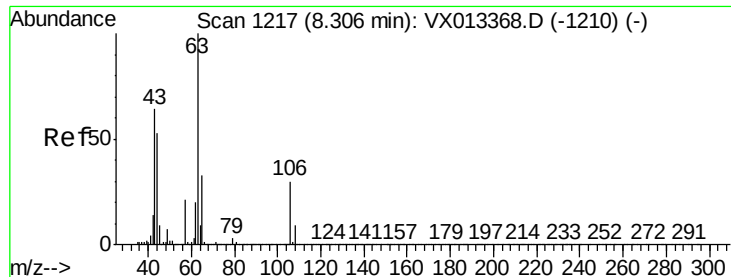
Tot Ion:129 Resp: 144089
 Ion Ratio Lower Upper
 129 100
 127 77.6 39.6 119.0



#54
 1,2-Dibromoethane
 Concen: 19.468 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX013418.D
 Acq: 14 Nov 2019 13:39

Tgt Ion:107 Resp: 151626
 Ion Ratio Lower Upper
 107 100
 109 94.6 73.9 110.9

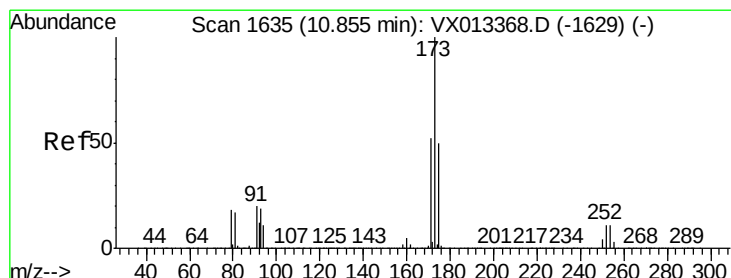
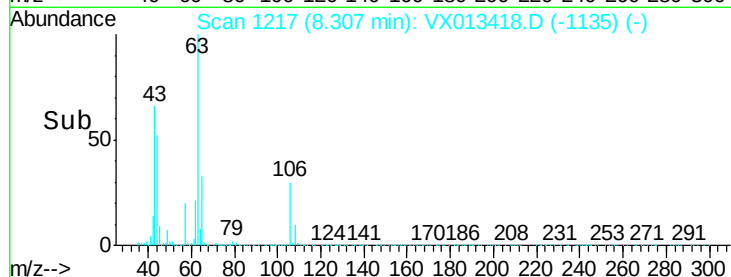
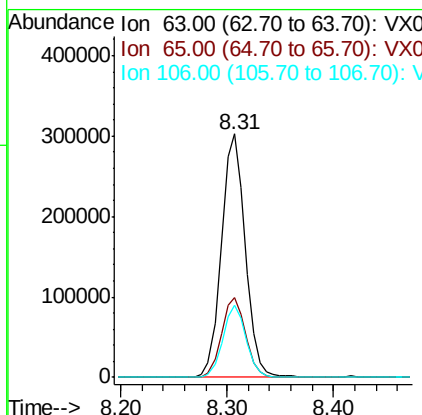
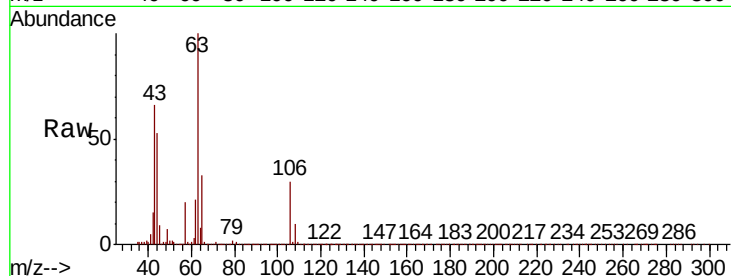




#55
2-Chloroethyl vinyl ether
Concen: 91.804 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

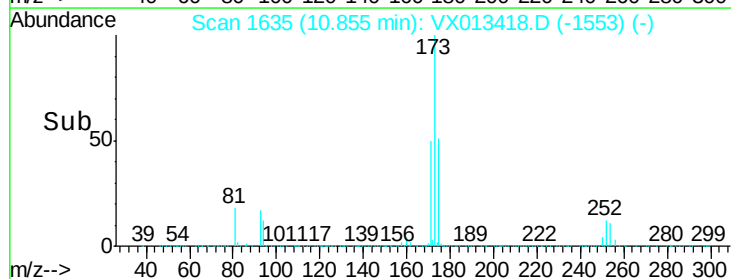
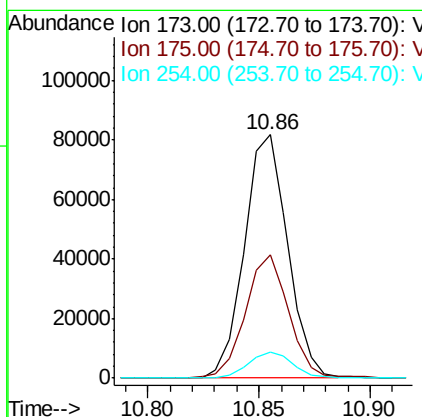
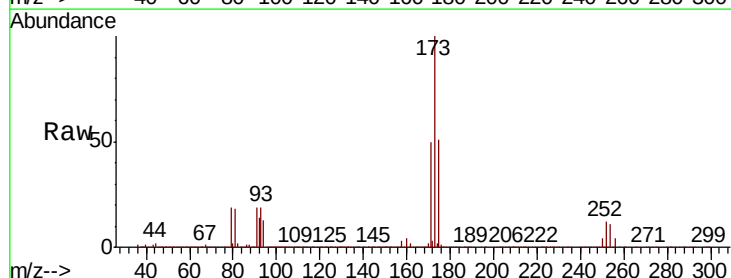
Instrument :
MSVOA_X
ClientSampleId :

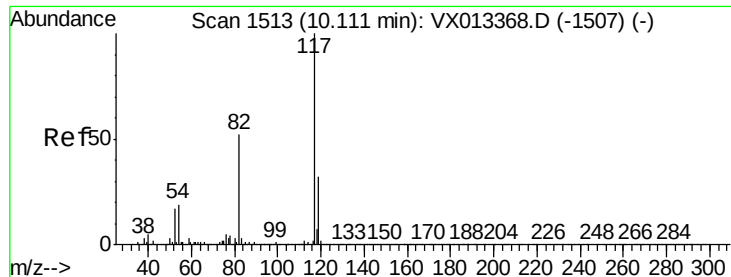
Tot Ion: 63 Resp: 470426
Ion Ratio Lower Upper
63 100
65 33.0 26.0 39.0
106 29.1 23.5 35.3



#56
Bromoform
Concen: 17.940 ug/l
RT: 10.86 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Tgt Ion: 173 Resp: 110211
Ion Ratio Lower Upper
173 100
175 51.1 39.4 59.0
254 11.1 8.6 12.8

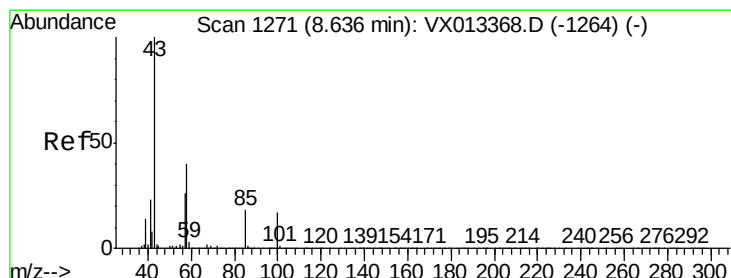
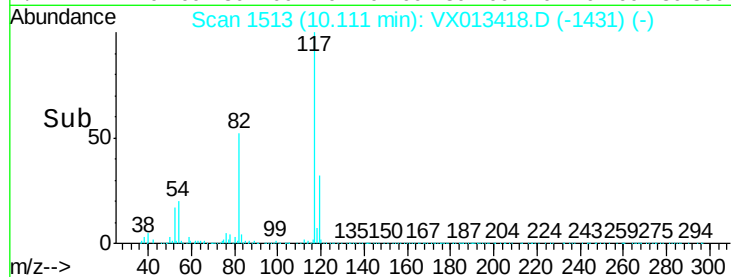
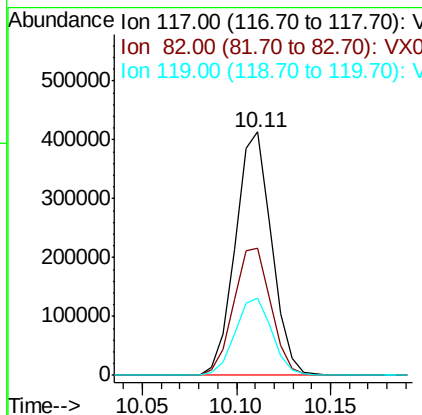
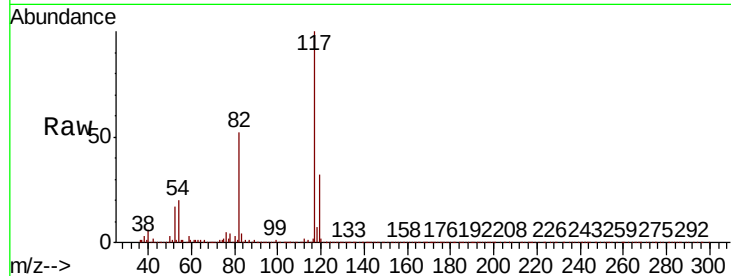




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

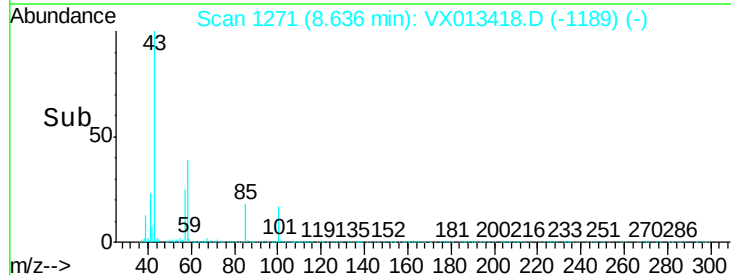
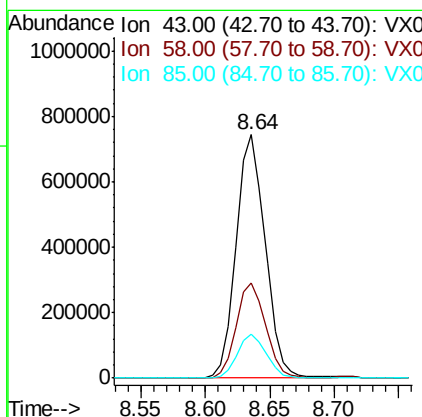
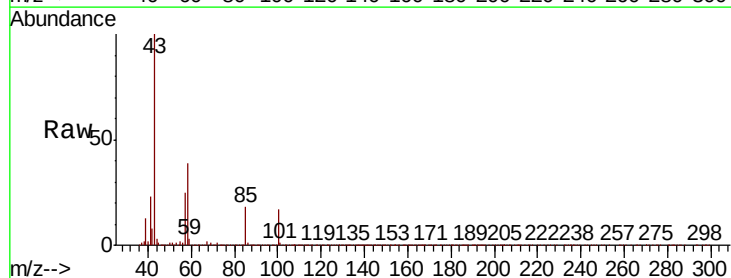
Instrument :
MSVOA_X
ClientSampleId :

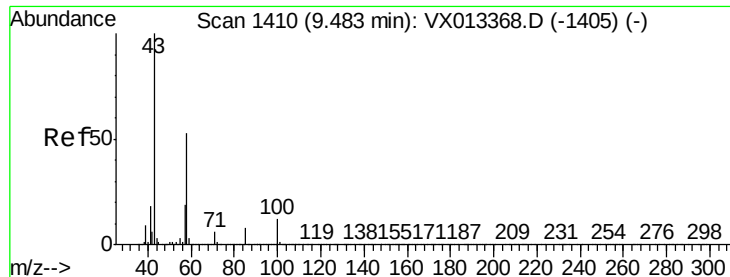
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.7	65.5
119	32.0	25.5	38.3



#58
4-Methyl-2-Pentanone
Concen: 101.481 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.5	31.6	47.4
85	18.0	14.2	21.2

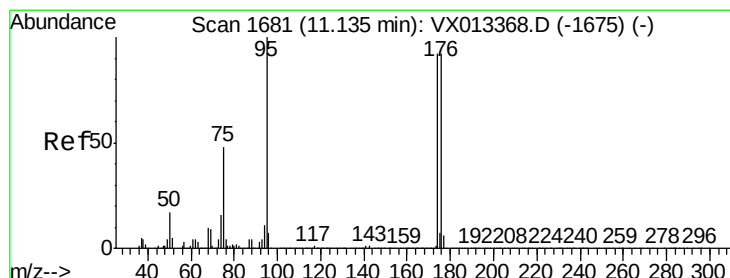
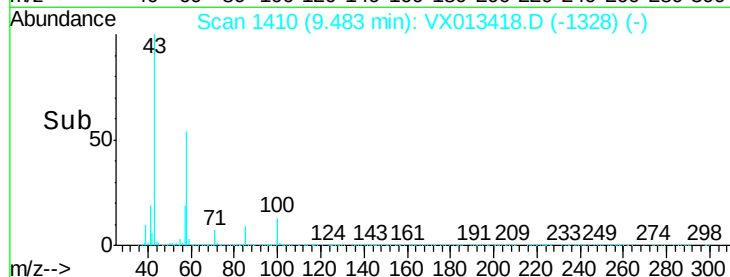
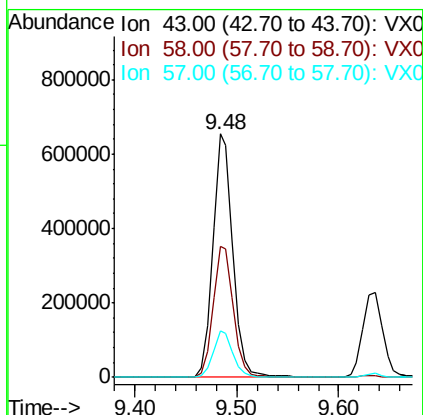
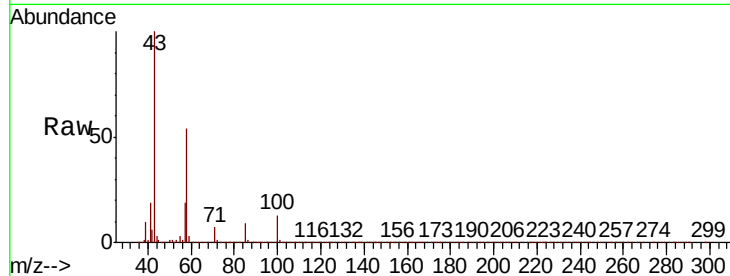




#59
2-Hexanone
Concen: 99.004 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

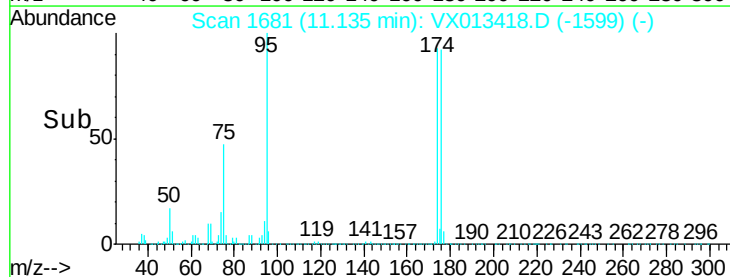
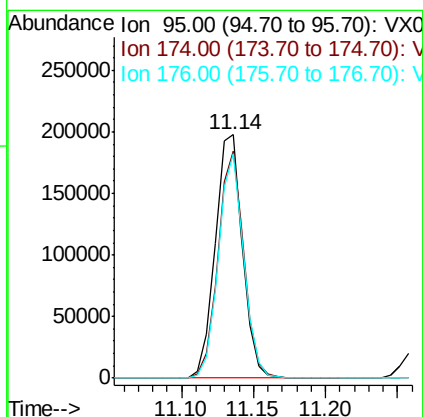
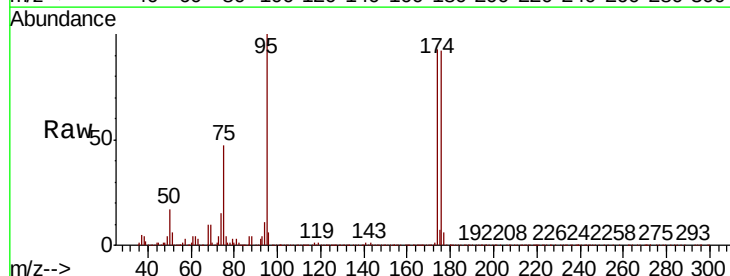
Instrument :
MSVOA_X
ClientSampleId :

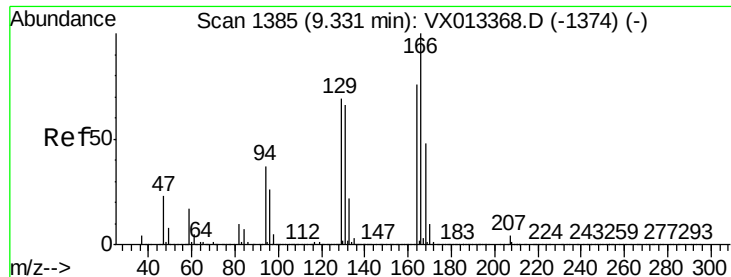
Tot Ion: 43 Resp: 900645
Ion Ratio Lower Upper
43 100
58 54.6 43.8 65.6
57 18.7 15.1 22.7



#60
4-Bromofluorobenzene
Concen: 29.741 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Tgt Ion: 95 Resp: 263084
Ion Ratio Lower Upper
95 100
174 88.0 70.2 105.2
176 85.5 68.3 102.5





#61

Tetrachloroethene

Concen: 19.441 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 131938

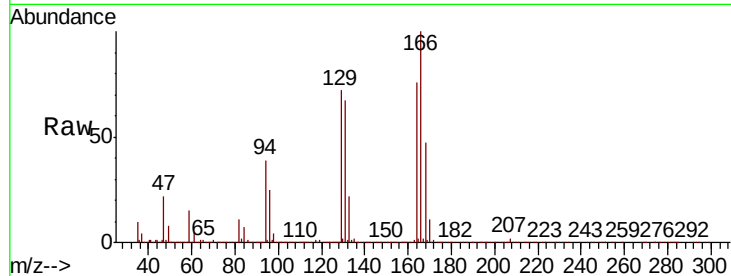
Ion Ratio Lower Upper

164 100

166 130.8 104.9 157.3

129 93.7 72.3 108.5

131 88.1 69.0 103.6



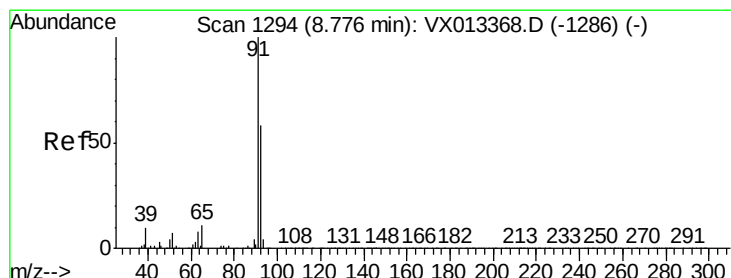
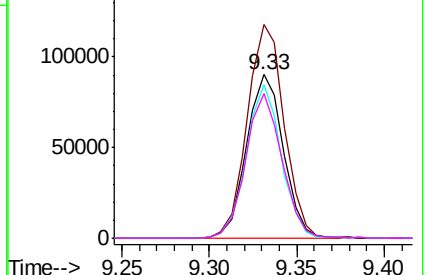
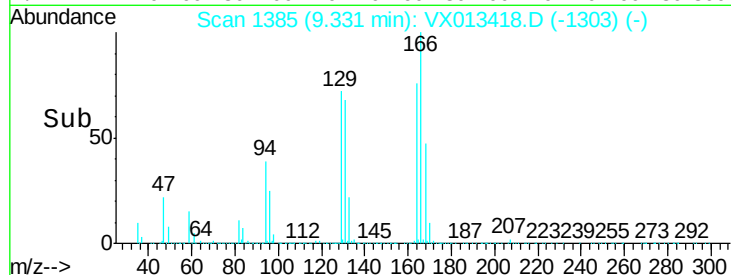
Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V

Time-->



#62

Toluene

Concen: 19.688 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX013418.D

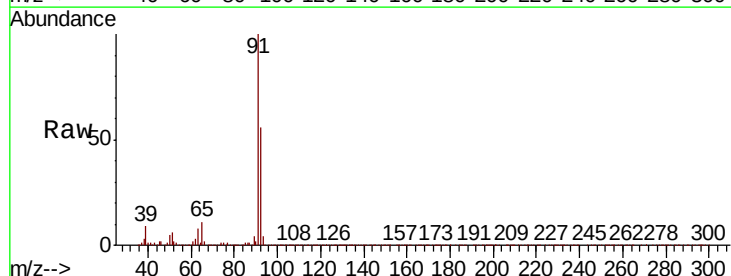
Acq: 14 Nov 2019 13:39

Tgt Ion: 91 Resp: 603559

Ion Ratio Lower Upper

91 100

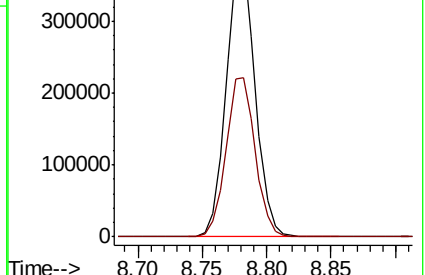
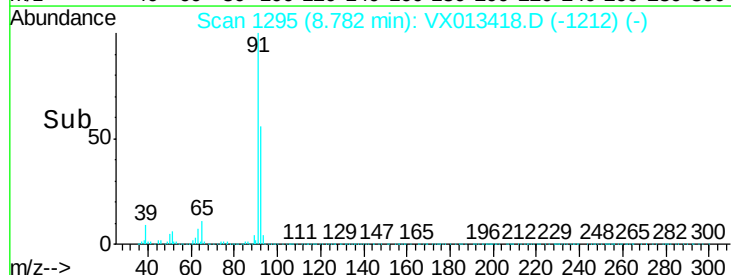
92 58.2 46.6 69.8

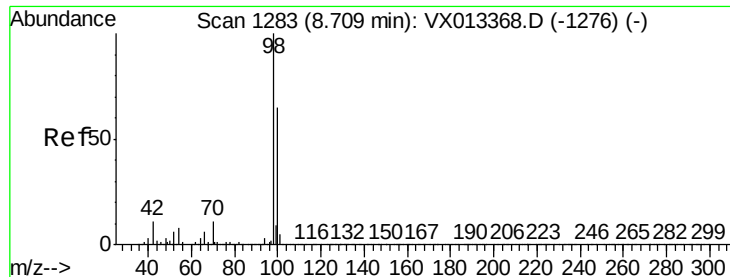


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Time-->

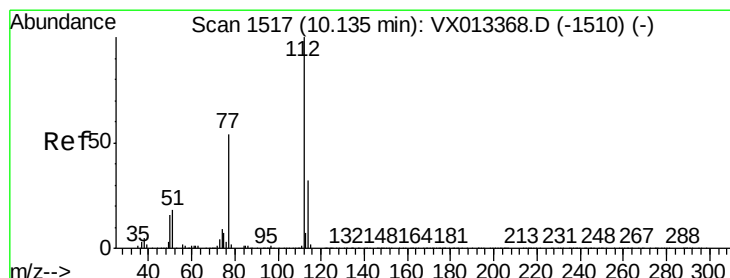
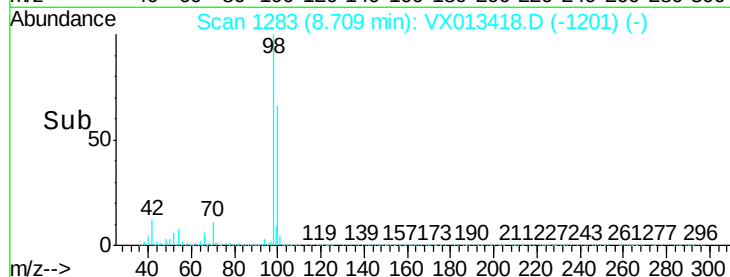
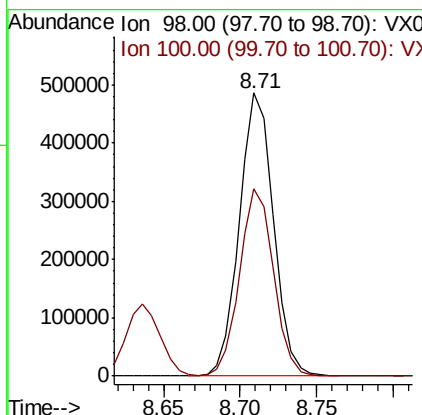
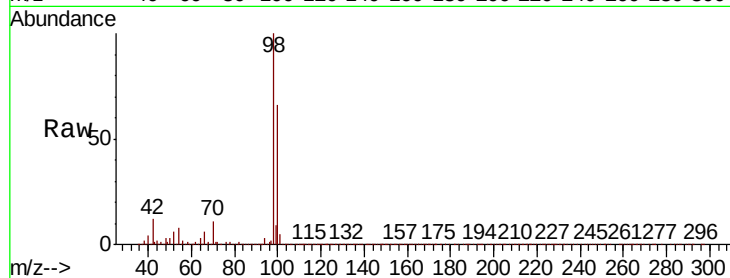




#63
Toluene-d8
Concen: 30.268 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

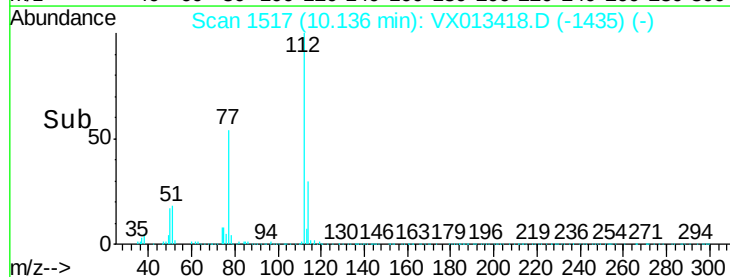
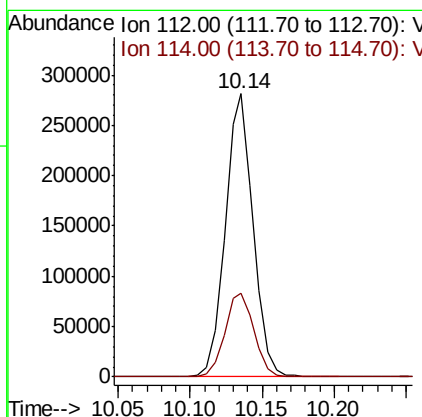
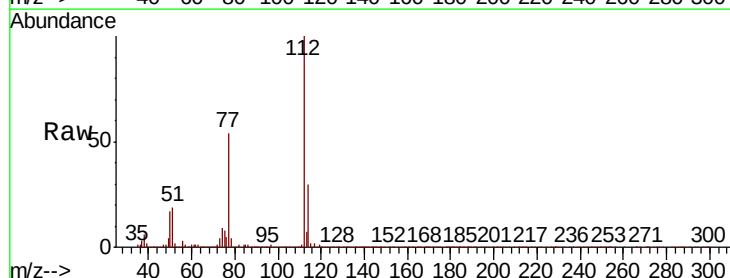
Instrument :
MSVOA_X
ClientSampleId :

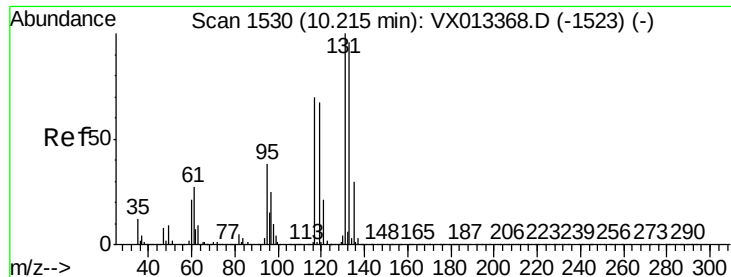
Tot Ion: 98 Resp: 753305
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7



#64
Chlorobenzene
Concen: 19.717 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Tgt Ion: 112 Resp: 377945
Ion Ratio Lower Upper
112 100
114 29.7 25.7 38.5





#65

1,1,1,2-Tetrachloroethane

Concen: 18.932 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

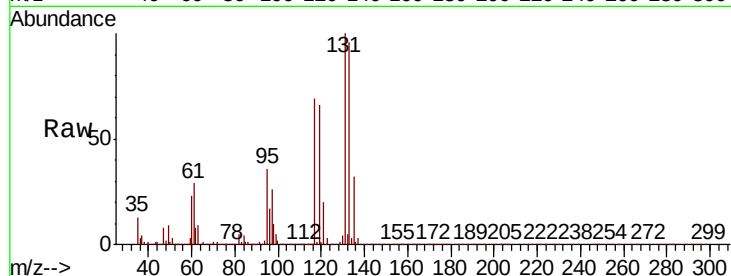
Tot Ion:131 Resp: 135840

Ion Ratio Lower Upper

131 100

133 97.3 0.0 192.2

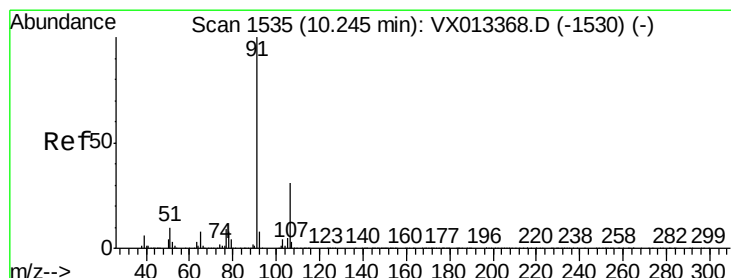
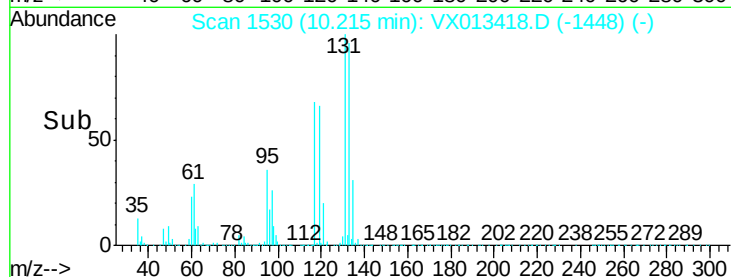
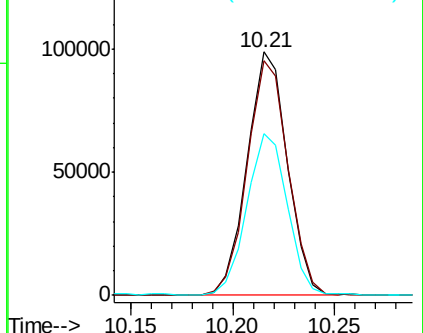
119 66.1 0.0 134.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.362 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013418.D

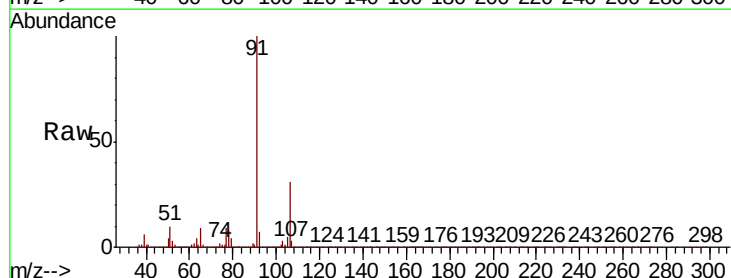
Acq: 14 Nov 2019 13:39

Tgt Ion: 91 Resp: 652096

Ion Ratio Lower Upper

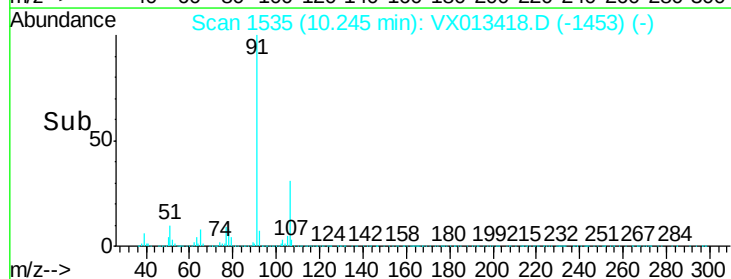
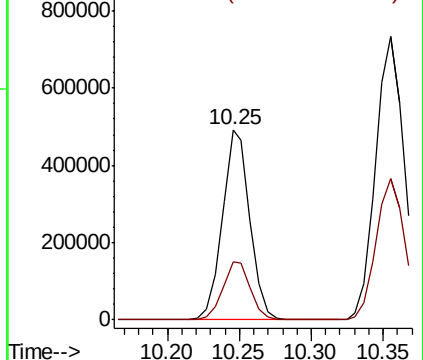
91 100

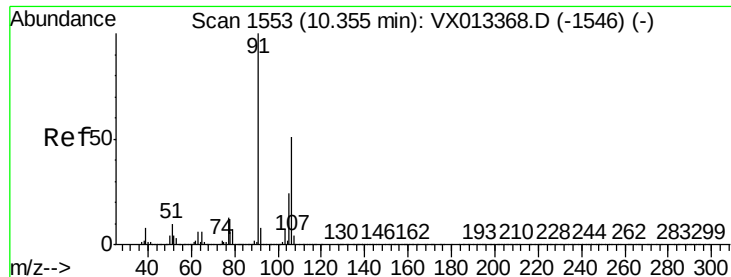
106 30.7 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

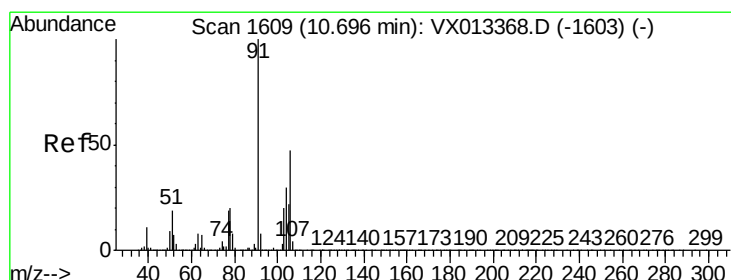
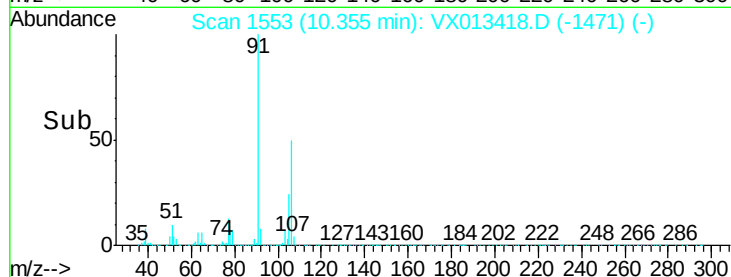
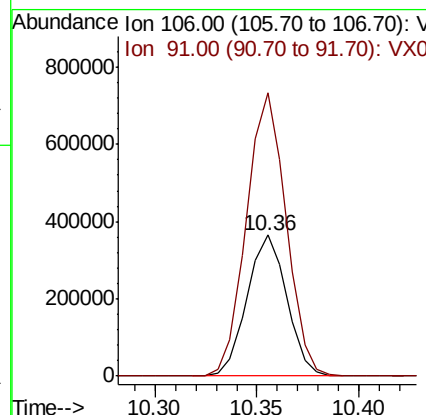
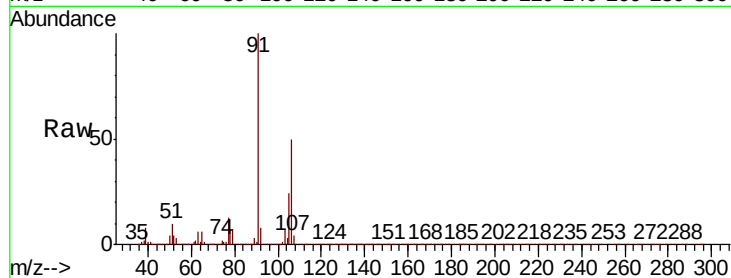




#67
m/p-Xylenes
Concen: 38.009 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

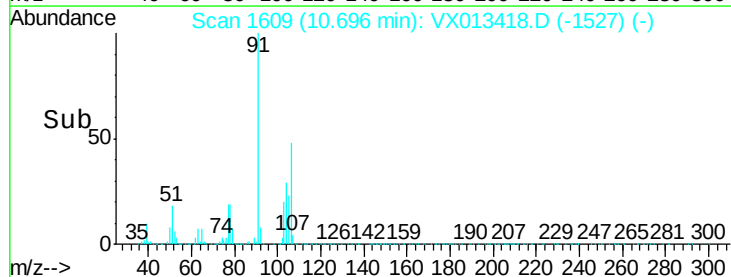
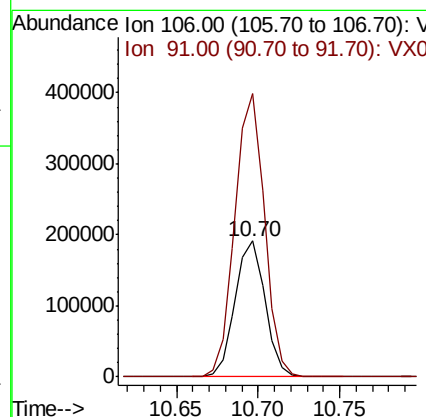
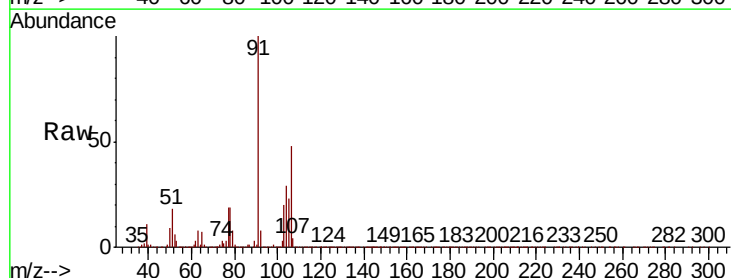
Instrument :
MSVOA_X
ClientSampleId :

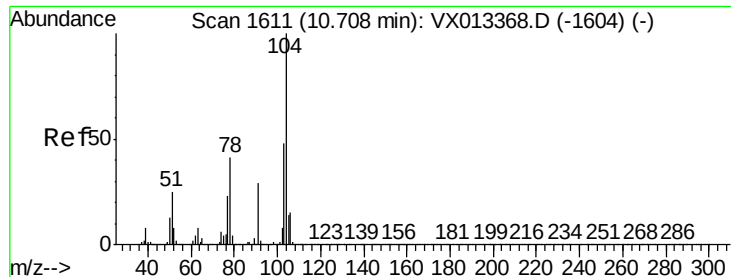
Tot Ion:106 Resp: 493794
Ion Ratio Lower Upper
106 100
91 200.9 158.4 237.6



#68
o-Xylene
Concen: 19.488 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Tgt Ion:106 Resp: 244335
Ion Ratio Lower Upper
106 100
91 206.4 106.4 319.2

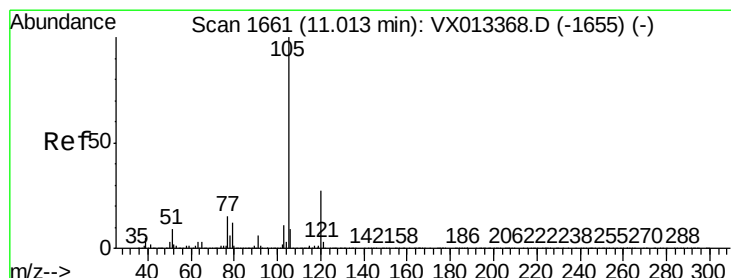
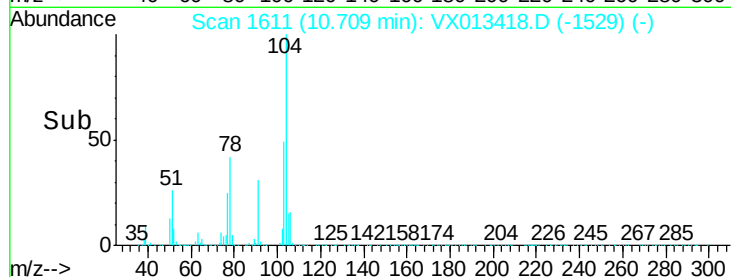
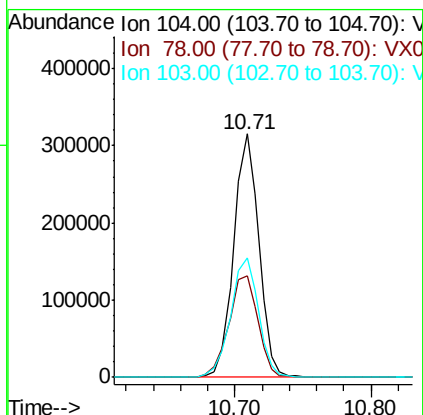
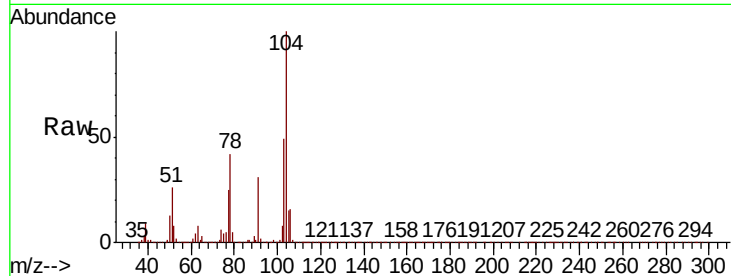




#69
Stvrene
Concen: 18.895 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

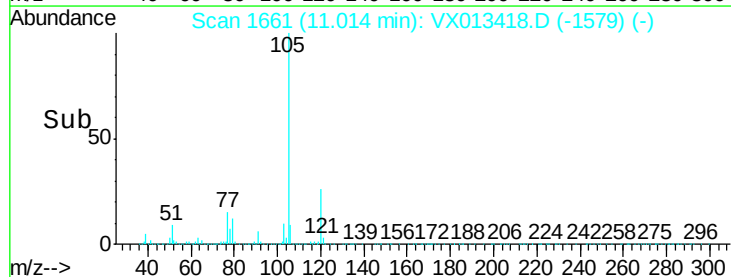
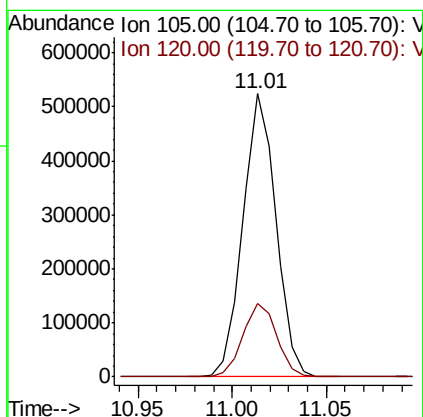
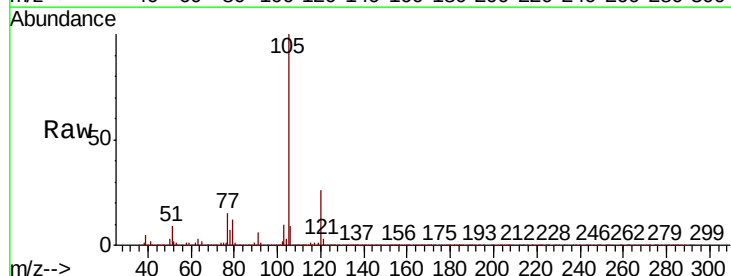
Instrument :
MSVOA_X
ClientSampleId :

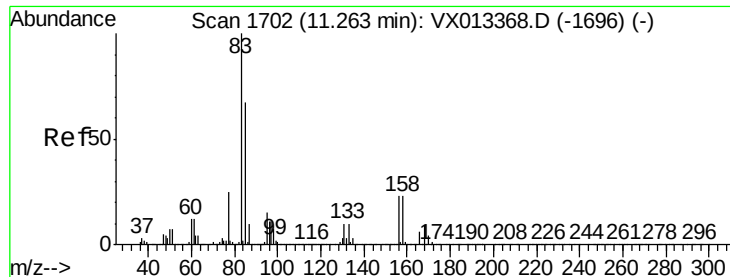
Tot Ion:104 Resp: 404529
Ion Ratio Lower Upper
104 100
78 48.5 38.2 57.4
103 54.2 43.2 64.8



#70
Isopropylbenzene
Concen: 19.269 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Tgt Ion:105 Resp: 636607
Ion Ratio Lower Upper
105 100
120 26.5 18.8 34.8





#71

1,1,2,2-Tetrachloroethane

Concen: 19.862 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

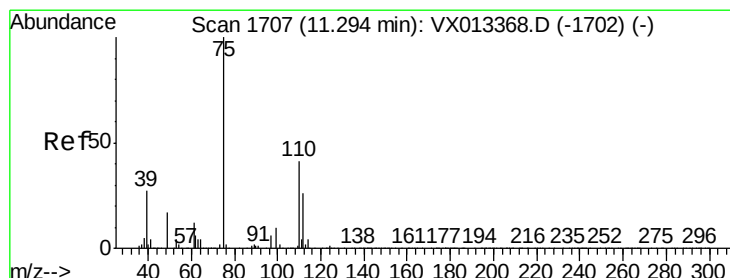
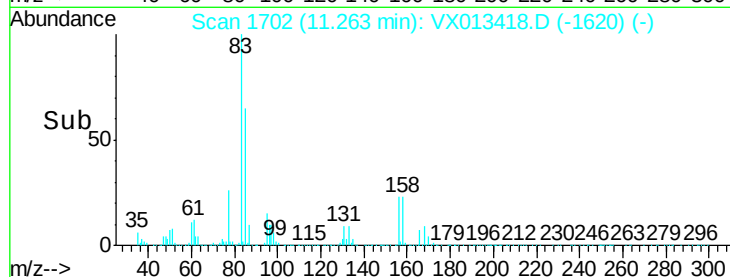
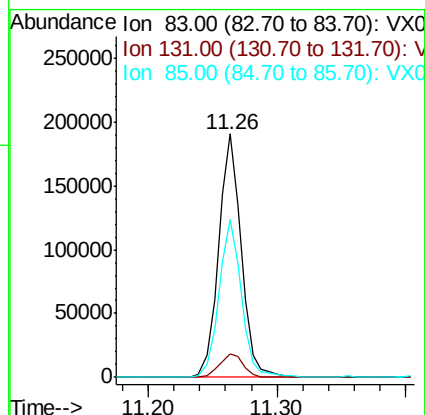
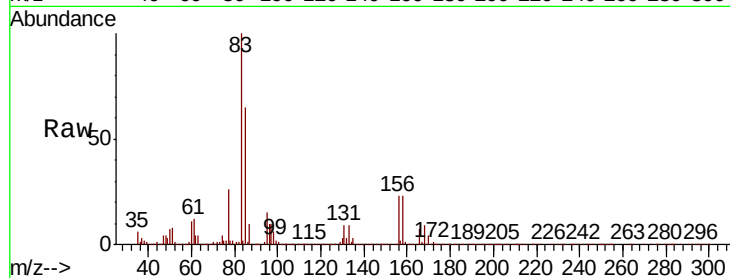
Tot Ion: 83 Resp: 234952

Ion Ratio Lower Upper

83 100

131 10.1 4.7 14.1

85 64.2 32.6 97.7



#72

1,2,3-Trichloropropane

Concen: 26.284 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX013418.D

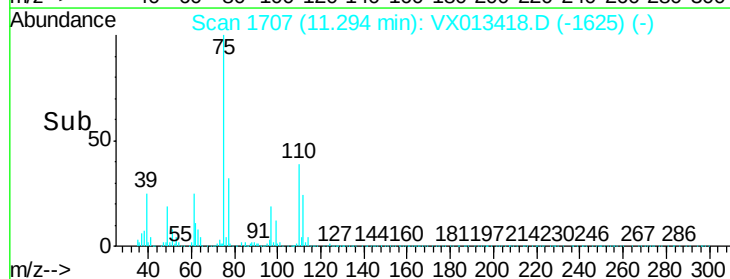
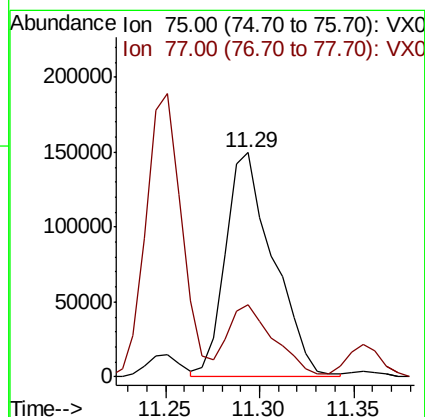
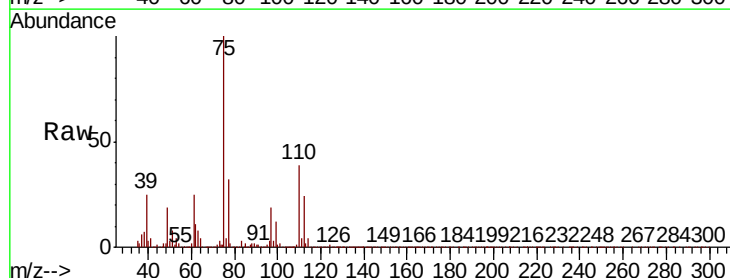
Acq: 14 Nov 2019 13:39

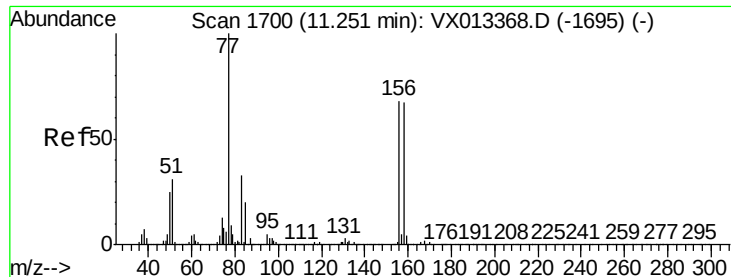
Tgt Ion: 75 Resp: 262532

Ion Ratio Lower Upper

75 100

77 28.7 0.0 86.2





#73

Bromobenzene

Concen: 19.296 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

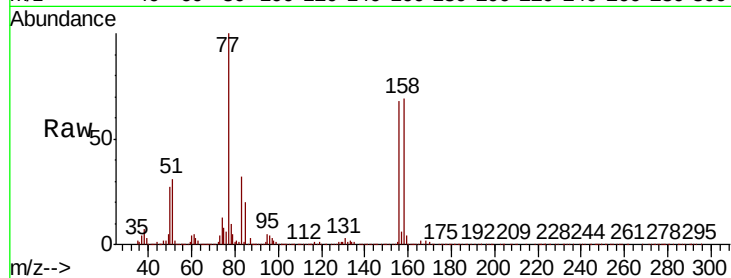
Tot Ion:156 Resp: 168118

Ion Ratio Lower Upper

156 100

77 149.8 0.0 308.8

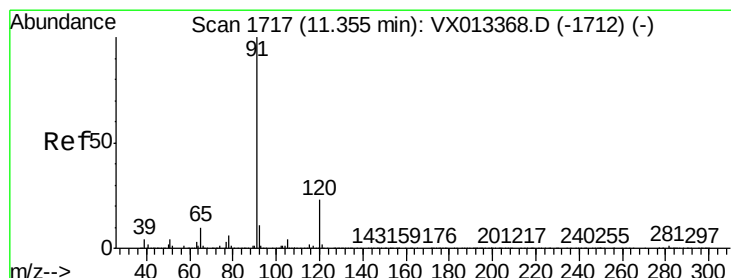
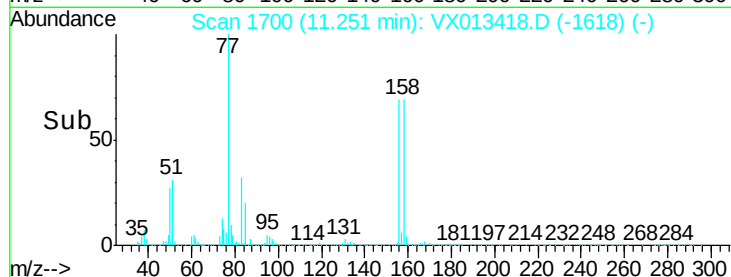
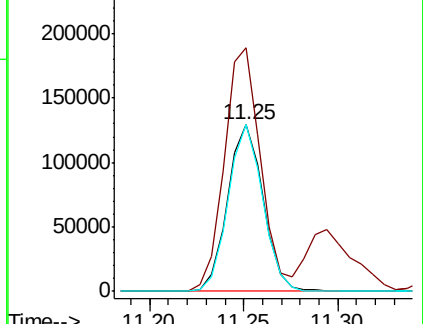
158 97.7 0.0 197.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.872 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013418.D

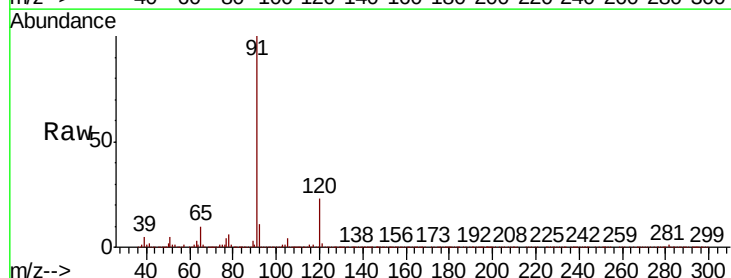
Acq: 14 Nov 2019 13:39

Tgt Ion: 91 Resp: 708545

Ion Ratio Lower Upper

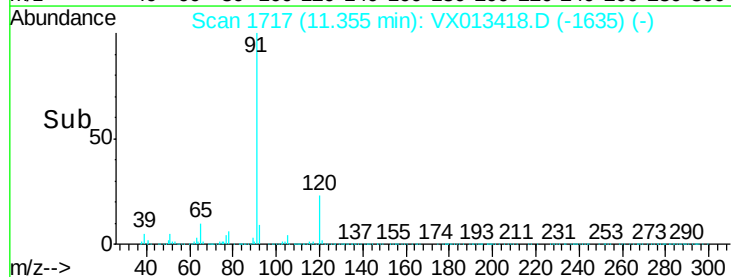
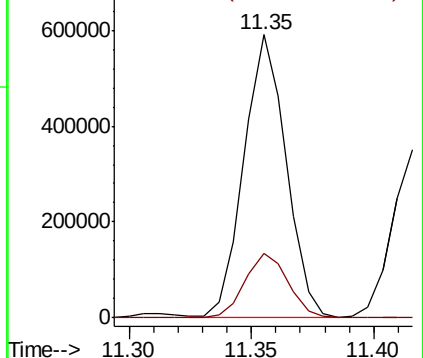
91 100

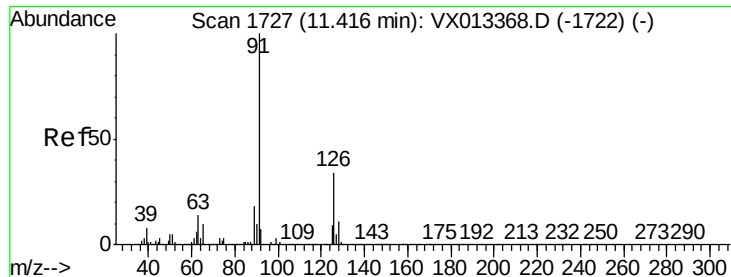
120 23.1 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.201 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

Instrument :

MSVOA_X

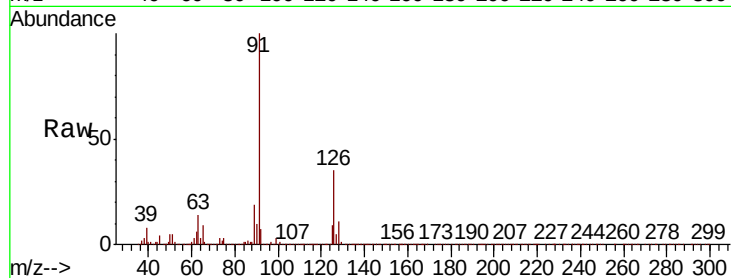
ClientSampleId :

Tot Ion: 91 Resp: 428698

Ion Ratio Lower Upper

91 100

126 34.4 0.0 69.0



Abundance Ion 91.00 (90.70 to 91.70): VX013368.D (-1722) (-)

Ion 126.00 (125.70 to 126.70): VX013368.D (-1722) (-)

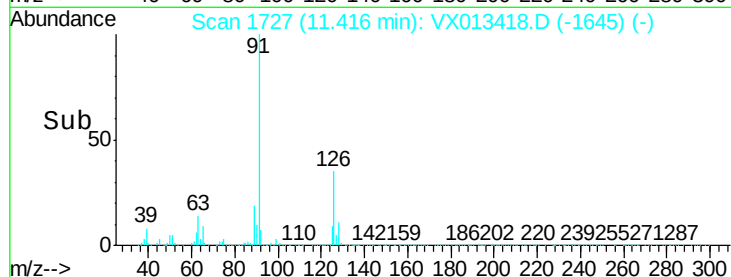
600000

400000

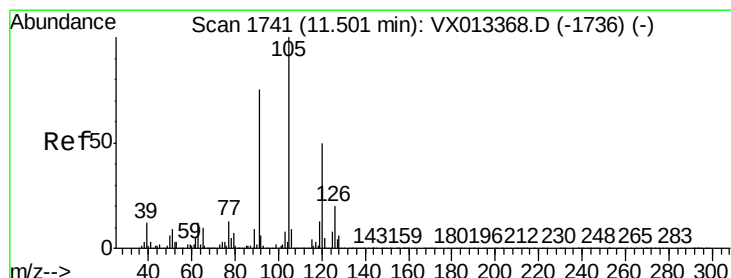
200000

0

11.35 11.40 11.45



Time-->



#76

1,3,5-Trimethylbenzene

Concen: 18.689 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013418.D

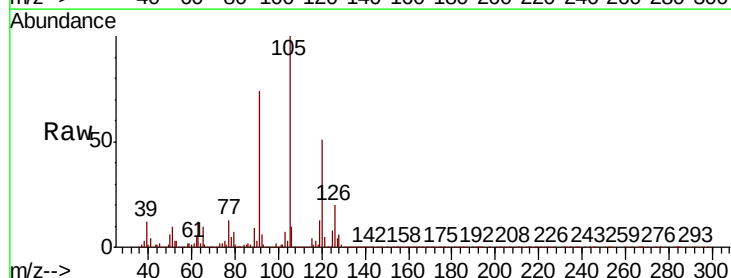
Acq: 14 Nov 2019 13:39

Tgt Ion: 105 Resp: 518976

Ion Ratio Lower Upper

105 100

120 51.1 0.0 100.0



Abundance Ion 105.00 (104.70 to 105.70): VX013368.D (-1736) (-)

Ion 120.00 (119.70 to 120.70): VX013368.D (-1736) (-)

500000

400000

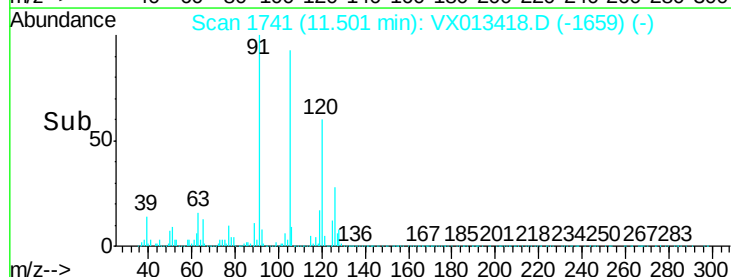
300000

200000

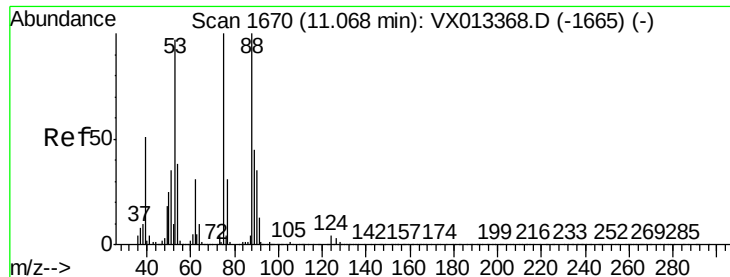
100000

0

11.45 11.50 11.55



Time-->



#77

t-1,4-Dichloro-2-butene

Concen: 17.418 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

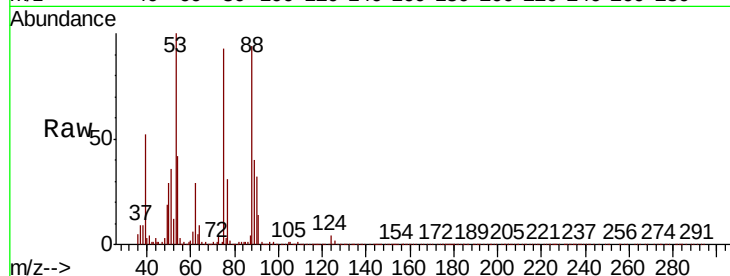
Tot Ion: 75 Resp: 70345

Ion Ratio Lower Upper

75 100

53 107.0 48.8 146.3

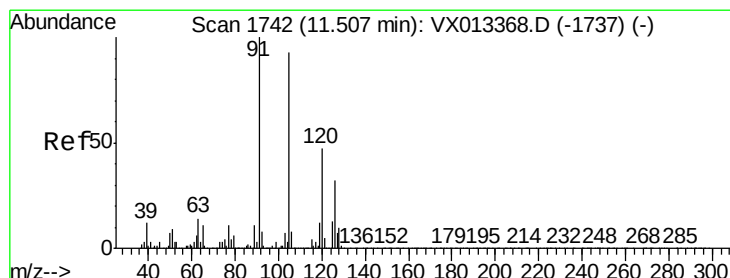
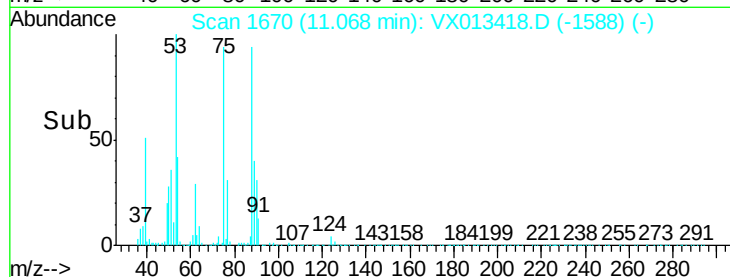
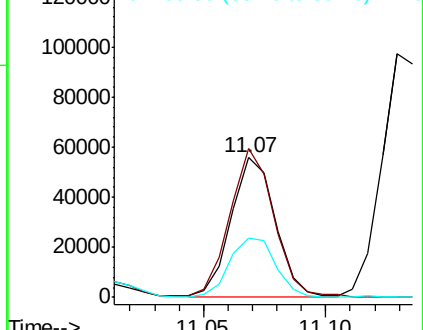
89 42.7 22.3 66.8



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



#78

4-Chlorotoluene

Concen: 18.581 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX013418.D

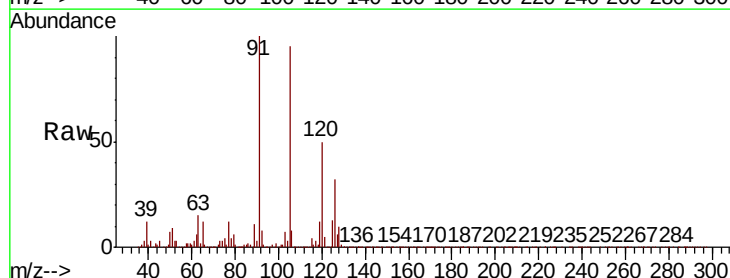
Acq: 14 Nov 2019 13:39

Tgt Ion: 91 Resp: 475308

Ion Ratio Lower Upper

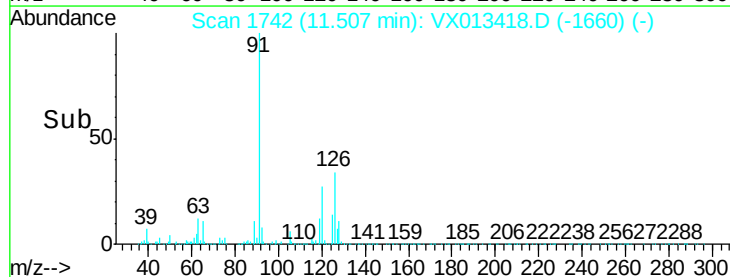
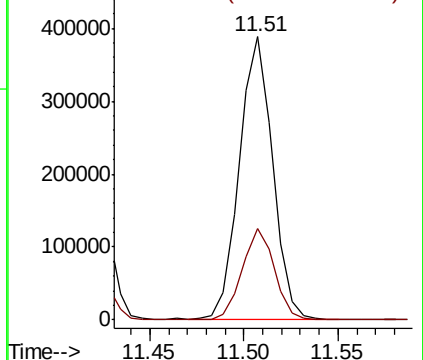
91 100

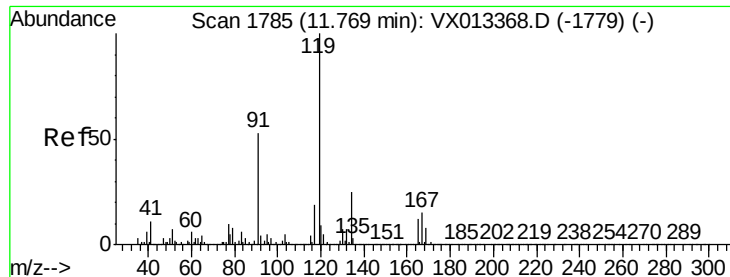
126 30.9 0.0 61.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

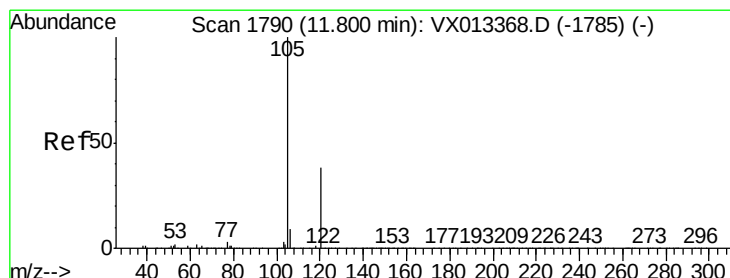
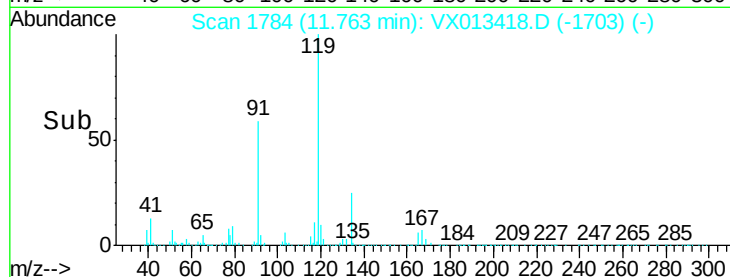
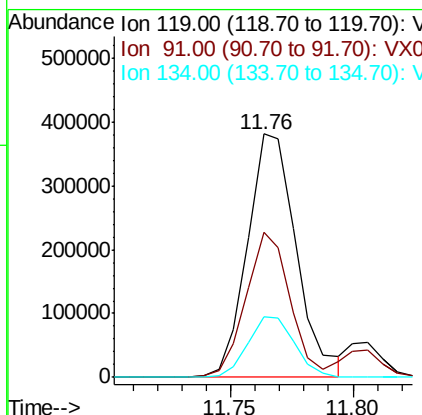
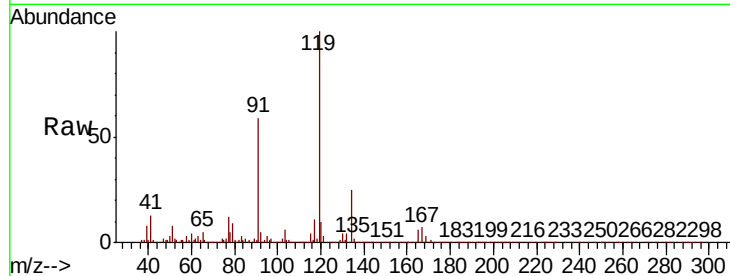




#79
tert-butylbenzene
Concen: 18.973 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

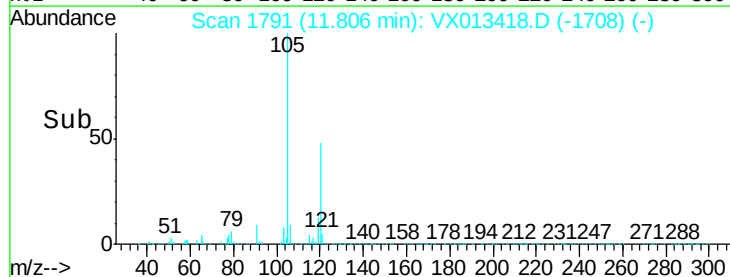
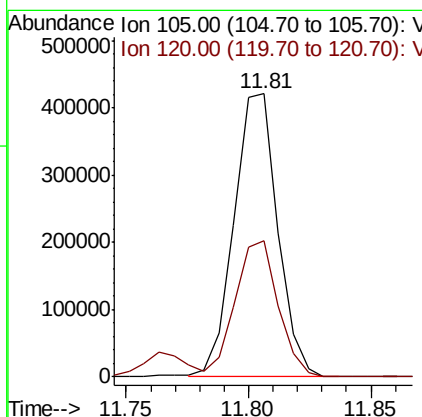
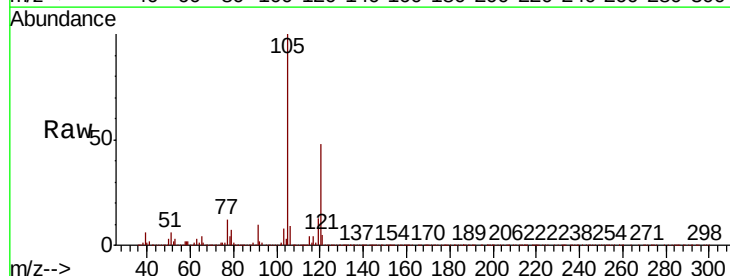
Instrument :
MSVOA_X
ClientSampleId :

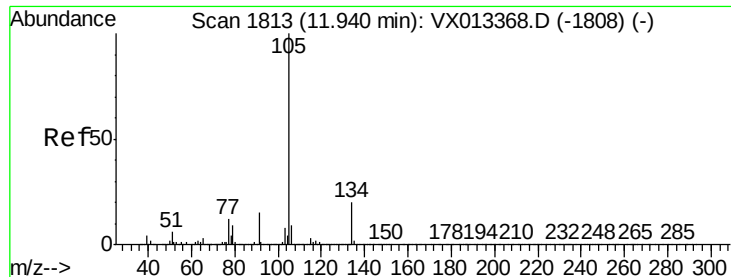
Tot Ion	Ratio	Lower	Upper
119	100		
91	53.7	0.0	109.6
134	24.1	0.0	47.8



#80
1,2,4-Trimethylbenzene
Concen: 18.860 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.3	0.0	94.0





#81

sec-Butylbenzene

Concen: 18.760 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

Instrument :

MSVOA_X

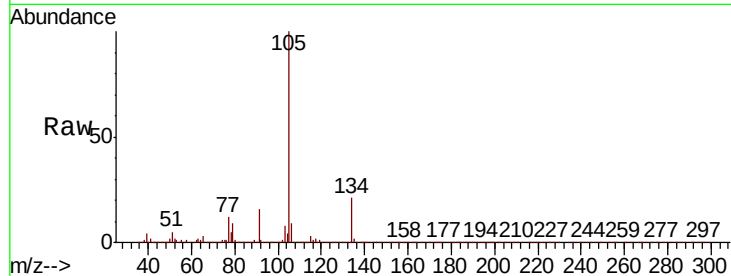
ClientSampled :

Tot Ion:105 Resp: 599716

Ion Ratio Lower Upper

105 100

134 20.6 0.0 41.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

500000

400000

300000

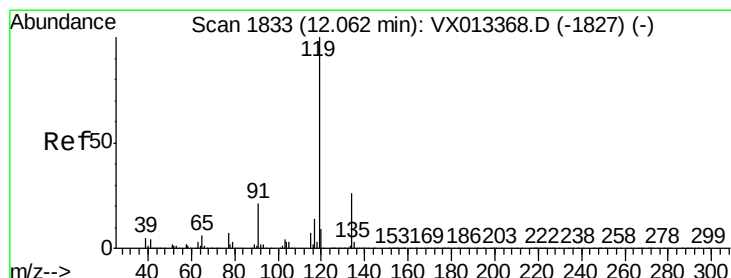
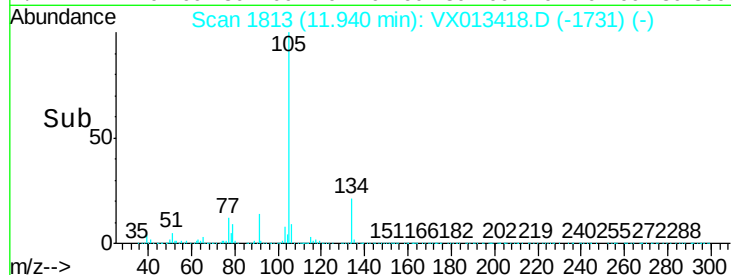
200000

100000

0

Time-->

11.90 11.95 12.00



#82

p-Isopropyltoluene

Concen: 18.487 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

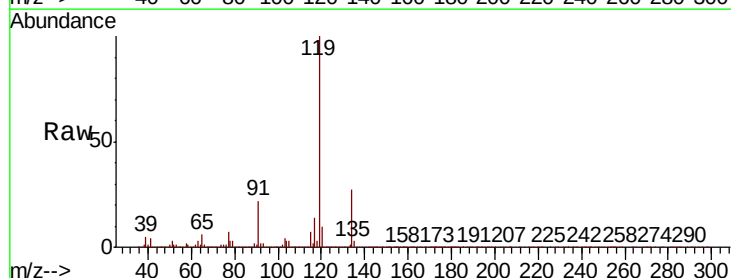
Tgt Ion:119 Resp: 544494

Ion Ratio Lower Upper

119 100

134 26.7 0.0 51.6

91 22.2 0.0 44.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

600000

500000

400000

300000

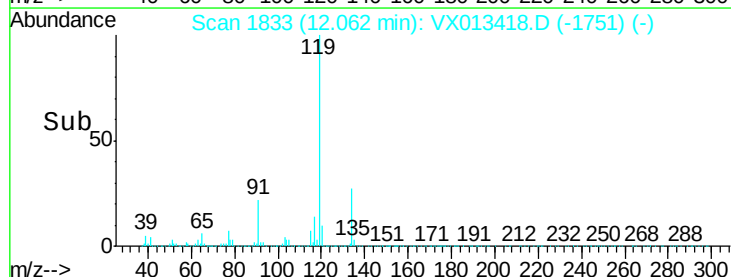
200000

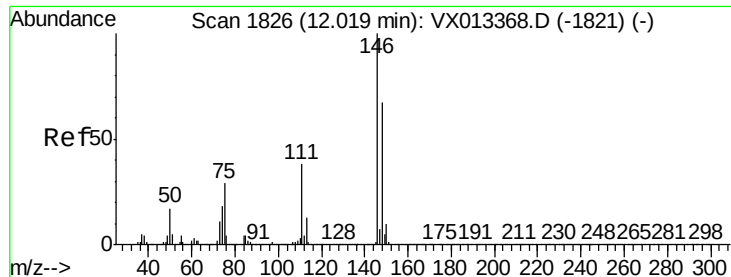
100000

0

Time-->

12.00 12.05 12.10 12.15





#83

1,3-Dichlorobenzene

Concen: 18.314 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

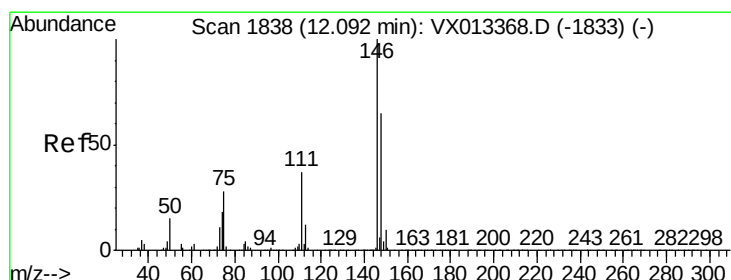
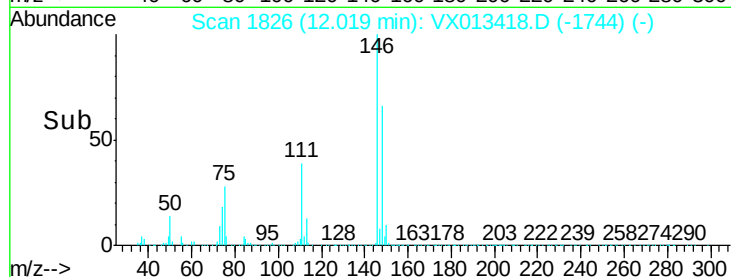
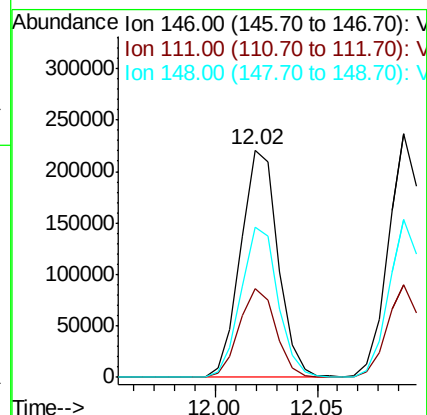
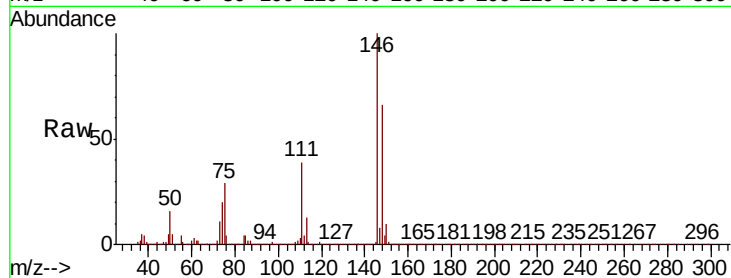
Tot Ion:146 Resp: 280524

Ion Ratio Lower Upper

146 100

111 38.4 18.8 56.3

148 65.0 32.3 96.9



#84

1,4-Dichlorobenzene

Concen: 18.506 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

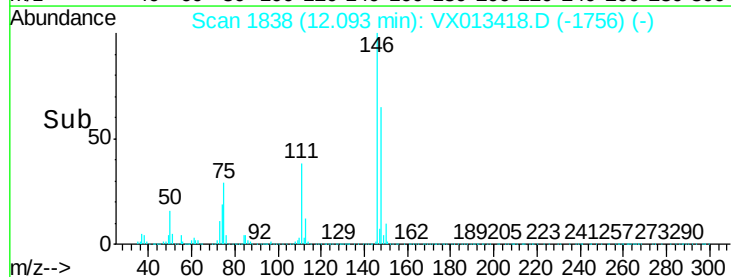
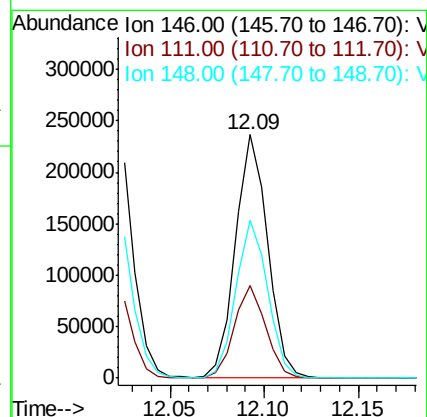
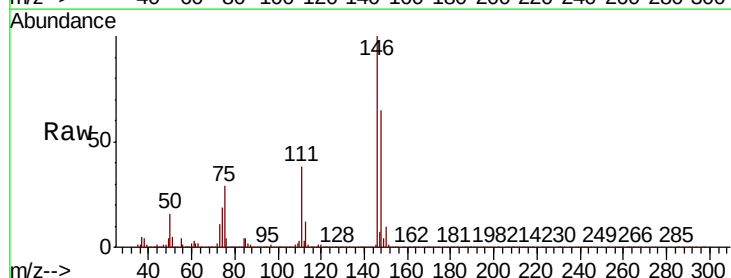
Tgt Ion:146 Resp: 281375

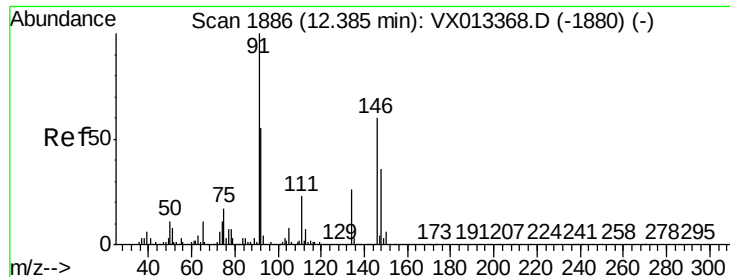
Ion Ratio Lower Upper

146 100

111 37.1 18.6 55.6

148 64.5 32.5 97.4

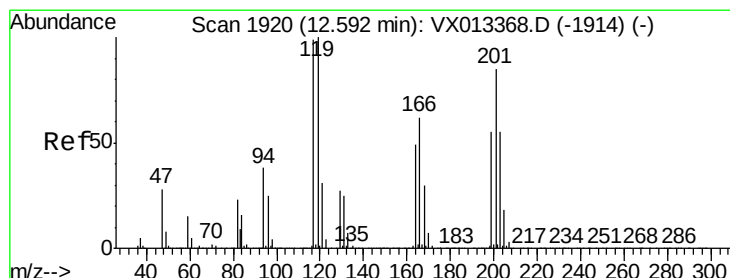
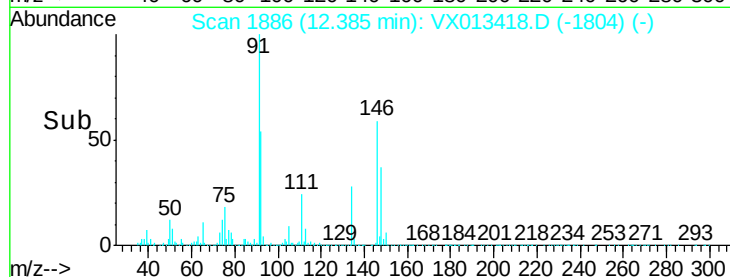
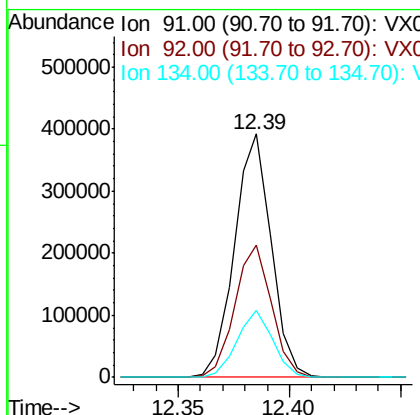
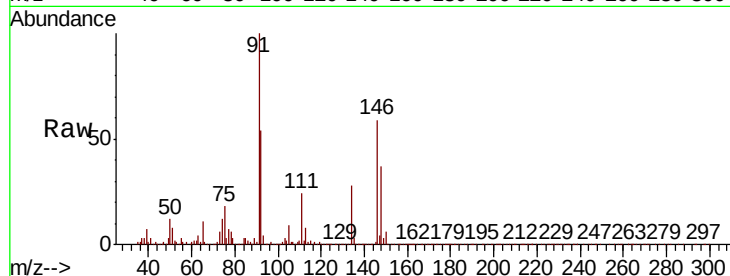




#85
n-Butylbenzene
Concen: 17.671 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

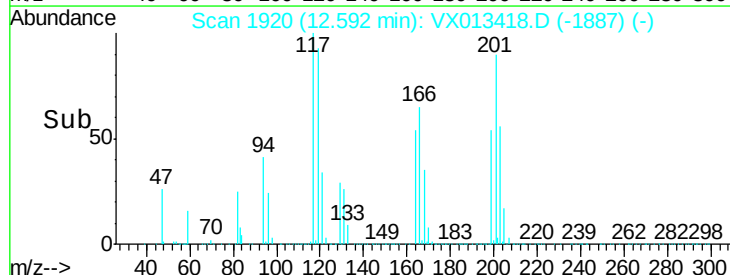
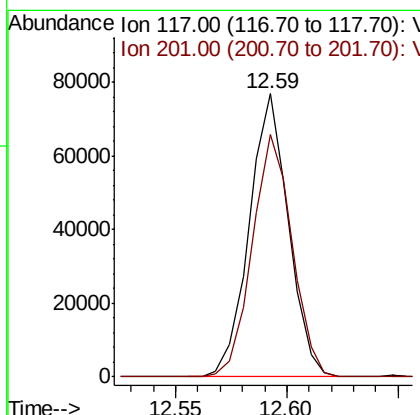
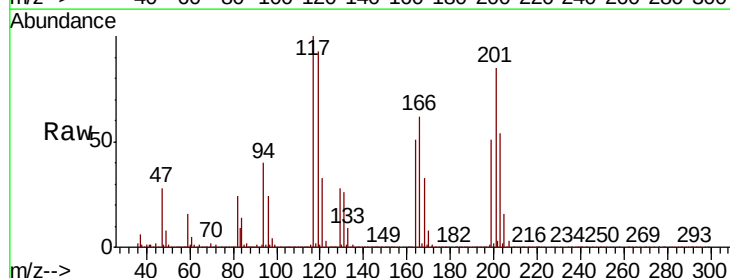
Instrument :
MSVOA_X
ClientSampled :

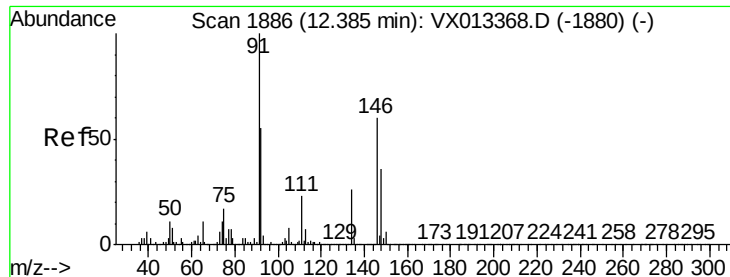
Tot Ion: 91 Resp: 449207
Ion Ratio Lower Upper
91 100
92 54.3 0.0 109.0
134 27.1 0.0 53.0



#86
Hexachloroethane
Concen: 17.355 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Tgt Ion: 117 Resp: 93799
Ion Ratio Lower Upper
117 100
201 87.7 44.5 133.3

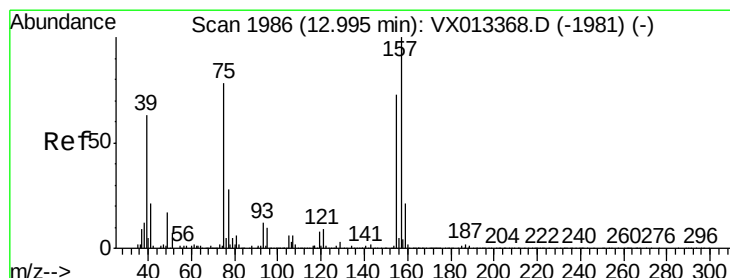
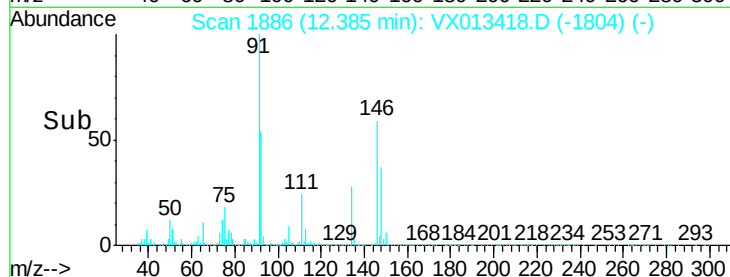
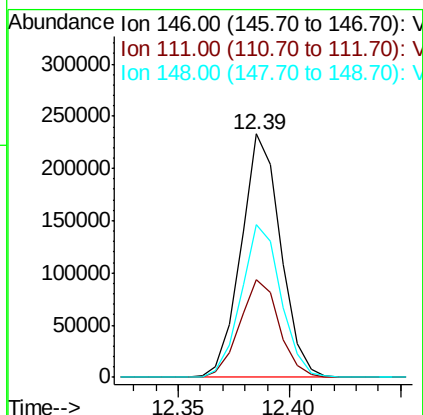
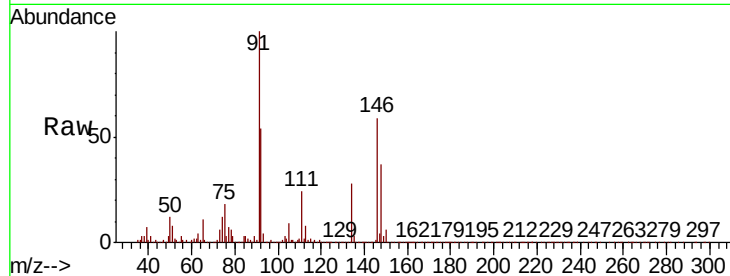




#87
 1,2-Dichlorobenzene
 Concen: 18.825 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013418.D
 Acq: 14 Nov 2019 13:39

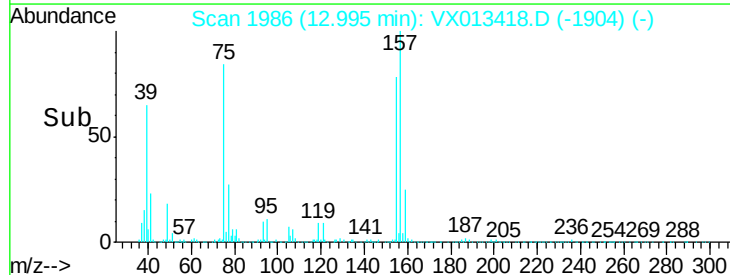
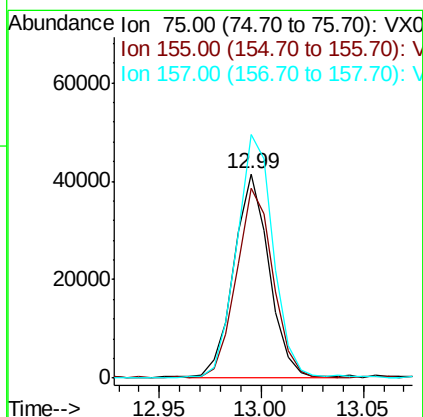
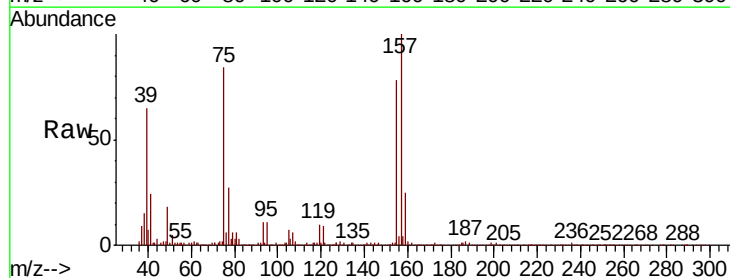
Instrument :
 MSVOA_X
 ClientSampleId :

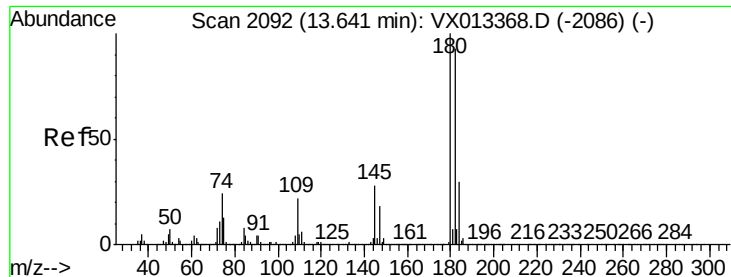
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.6	58.7
148	63.3	31.6	94.7



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.564 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013418.D
 Acq: 14 Nov 2019 13:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.9	76.9	115.3
157	123.5	101.2	151.8

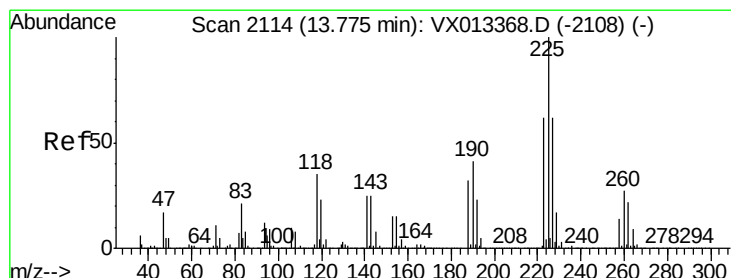
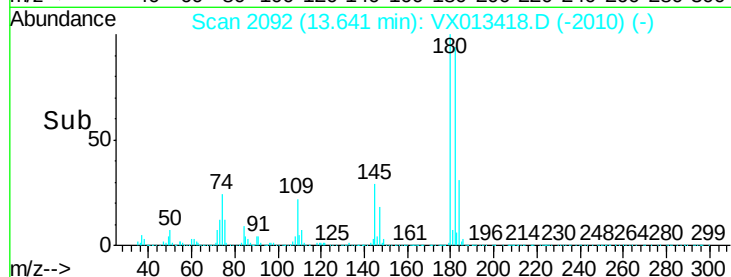
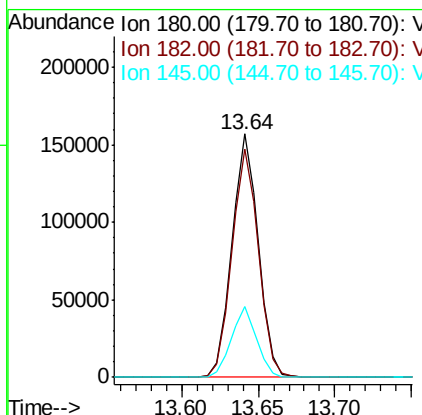
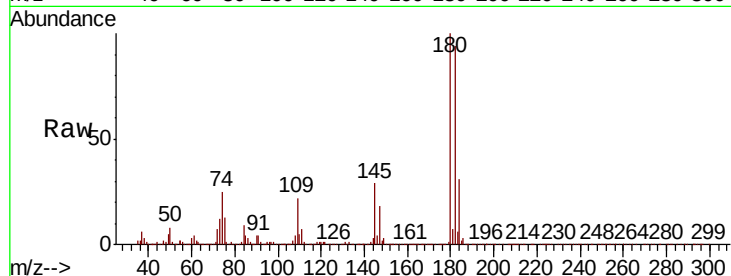




#89
 1,2,4-Trichlorobenzene
 Concen: 17.660 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013418.D
 Acq: 14 Nov 2019 13:39

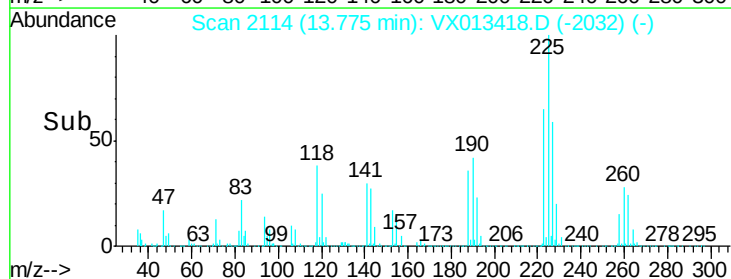
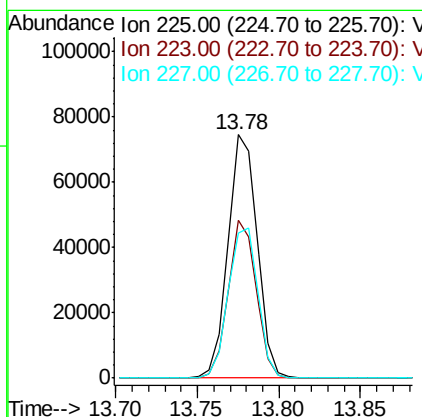
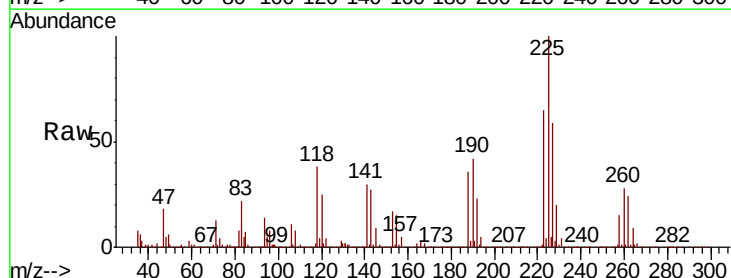
Instrument :
 MSVOA_X
 ClientSampleId :

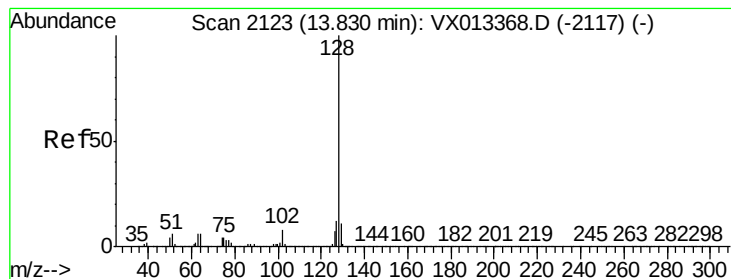
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	74.7	112.1
145	27.6	22.1	33.1



#90
 Hexachlorobutadiene
 Concen: 18.273 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013418.D
 Acq: 14 Nov 2019 13:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	0.0	123.0
227	62.9	0.0	121.8





#91

Naphthalene

Concen: 18.182 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

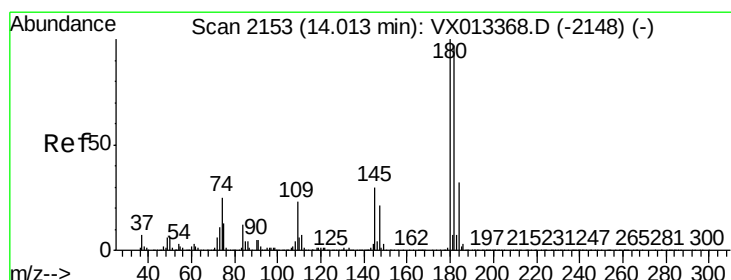
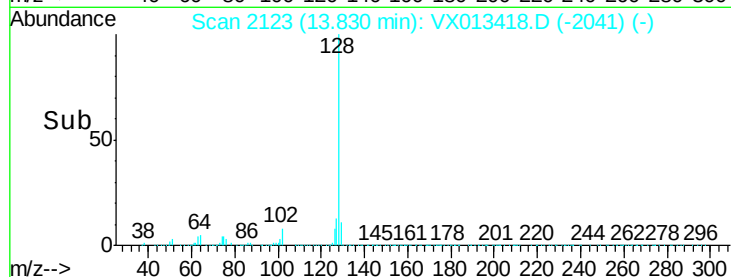
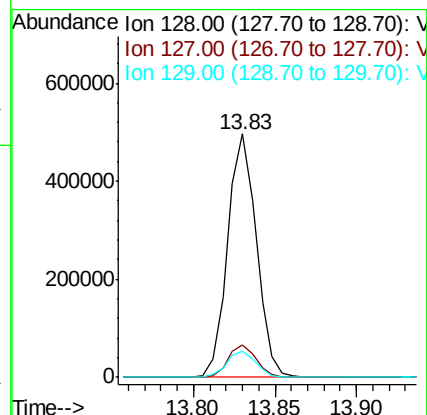
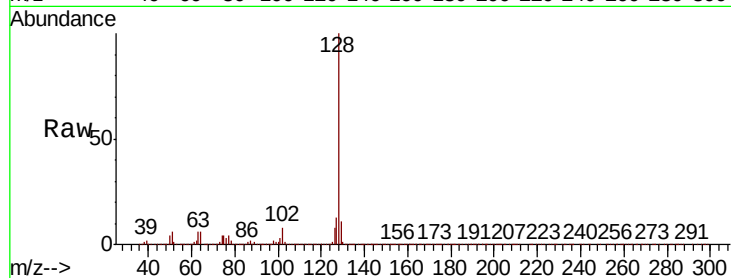
Tot Ion:128 Resp: 607986

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

129 11.0 8.8 13.2



#92

1,2,3-Trichlorobenzene

Concen: 18.002 ug/l

RT: 14.02 min Scan# 2154

Delta R.T. 0.01 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

Tgt Ion:180 Resp: 192136

Ion Ratio Lower Upper

180 100

182 96.4 0.0 191.0

145 30.2 0.0 59.0

