

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111119\
 Data File : VX013372.D
 Acq On : 11 Nov 2019 18:26
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 12 01:19:29 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	125986	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	691860	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	619326	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	264648	28.45	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	94.83%
60) 4-Bromofluorobenzene	11.14	95	297803	29.92	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.73%
63) Toluene-d8	8.71	98	850711	30.38	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.27%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	180702	19.143	ug/l 97
3) Chloromethane	1.31	50	202119	19.646	ug/l 98
4) Vinyl Chloride	1.40	62	219355	18.765	ug/l 98
5) Bromomethane	1.63	94	131346	18.690	ug/l 99
6) Chloroethane	1.72	64	118783	18.485	ug/l 98
7) Trichlorofluoromethane	1.92	101	231131	18.366	ug/l 99
8) Diethyl Ether	2.18	74	105802	18.413	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	137277	18.131	ug/l 96
10) 1,1-Dichloroethene	2.36	96	143759	18.476	ug/l 99
11) Methyl Iodide	2.50	142	149462	15.557	ug/l 99
12) Methyl Acetate	2.76	43	260126	19.079	ug/l 97
13) Acrolein	2.28	56	126536	87.370	ug/l 100
14) Acrylonitrile	3.13	53	451707	90.095	ug/l 99
15) Acetone	2.43	58	135340	89.129	ug/l 95
16) Carbon Disulfide	2.56	76	422955	19.489	ug/l 100
17) Allyl chloride	2.72	41	260612	18.188	ug/l 98
18) Methylene Chloride	2.84	84	161107	18.249	ug/l 97
19) trans-1,2-Dichloroethene	3.16	96	154423	18.570	ug/l 97
20) Diisopropyl ether	3.84	45	498080	18.068	ug/l 88
21) 1,1-Dichloroethane	3.69	63	276109	18.389	ug/l 99
22) cis-1,2-Dichloroethene	4.59	96	177628	18.736	ug/l 99
23) tert-Butyl Alcohol	3.03	59	218310	90.479	ug/l 100
24) Methyl tert-Butyl Ether	3.18	73	477510	18.543	ug/l 100
25) Chloroform	5.20	83	269708	18.351	ug/l 99
26) Cyclohexane	5.57	56	248344	18.213	ug/l # 99
29) 1,1-Dichloropropene	5.79	75	206881	19.577	ug/l 98
30) 2-Butanone	4.66	43	664832	95.316	ug/l 98
31) 2,2-Dichloropropane	4.57	77	225151	19.673	ug/l 99
32) 1,1,1-Trichloroethane	5.48	97	229405	19.531	ug/l 99
33) Carbon Tetrachloride	5.78	117	195450	19.158	ug/l 93
34) Benzene	6.13	78	624252	19.476	ug/l 99
35) Methacrylonitrile	5.03	41	135286	19.423	ug/l 96
36) 1,2-Dichloroethane	6.18	62	218442	19.470	ug/l 100
37) Trichloroethene	7.21	130	170066	19.805	ug/l 93
38) Methylcyclohexane	7.45	83	248597	19.186	ug/l 99
39) 1,2-Dichloropropane	7.51	63	163740	19.757	ug/l 95
40) Dibromomethane	7.65	93	106519	19.312	ug/l 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111119\
 Data File : VX013372.D
 Acq On : 11 Nov 2019 18:26
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 12 01:19:29 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	205838	19.117	ug/l	98
42) Vinyl Acetate	3.80	43	2141742	97.529	ug/l	100
43) Ethyl Acetate	4.82	43	250381	19.682	ug/l	99
44) Isopropyl Acetate	6.43	43	387397	18.944	ug/l	100
45) 1,4-Dioxane	7.73	88	84479	374.182	ug/l	96
46) Methyl methacrylate	7.76	41	191631	18.839	ug/l	96
47) n-amyl Acetate	10.89	43	339193	18.910	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	232212	19.233	ug/l	96
49) cis-1,3-Dichloropropene	8.43	75	254080	19.206	ug/l	96
50) 1,1,2-Trichloroethane	9.21	97	157511	19.299	ug/l	99
51) Ethyl methacrylate	9.17	69	254065	18.906	ug/l	97
52) 1,3-Dichloropropane	9.37	76	270917	19.417	ug/l	99
53) Dibromochloromethane	9.58	129	165399	19.121	ug/l	97
54) 1,2-Dibromoethane	9.67	107	169688	19.443	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	553826	96.454	ug/l	99
56) Bromoform	10.85	173	129700	18.841	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	1249776	96.598	ug/l	99
59) 2-Hexanone	9.48	43	968147	94.575	ug/l	100
61) Tetrachloroethene	9.33	164	148463	19.440	ug/l	98
62) Toluene	8.78	91	672340	19.489	ug/l	100
64) Chlorobenzene	10.14	112	420942	19.515	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	154908	19.186	ug/l	99
66) Ethyl Benzene	10.25	91	740843	19.548	ug/l	100
67) m/p-Xylenes	10.35	106	567017	38.786	ug/l	100
68) o-Xylene	10.70	106	267573	18.965	ug/l	100
69) Styrene	10.71	104	460445	19.112	ug/l	98
70) Isopropylbenzene	11.01	105	721492	19.407	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	254840	19.144	ug/l	100
72) 1,2,3-Trichloropropane	11.29	75	291169	25.905	ug/l	78
73) Bromobenzene	11.25	156	188962	19.274	ug/l	97
74) n-propylbenzene	11.35	91	817746	19.355	ug/l	100
75) 2-Chlorotoluene	11.42	91	483258	19.235	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	596607	19.092	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	83696	18.416	ug/l	98
78) 4-Chlorotoluene	11.51	91	550696	19.131	ug/l	100
79) tert-butylbenzene	11.76	119	598134	18.971	ug/l	100
80) 1,2,4-Trimethylbenzene	11.81	105	593776	19.068	ug/l	100
81) sec-Butylbenzene	11.94	105	688665	19.144	ug/l	100
82) p-Isopropyltoluene	12.06	119	641590	19.358	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	332393	19.284	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	330805	19.334	ug/l	98
85) n-Butylbenzene	12.39	91	530085	18.531	ug/l	99
86) Hexachloroethane	12.59	117	110190	18.117	ug/l	99
87) 1,2-Dichlorobenzene	12.39	146	326105	18.920	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	56843	19.095	ug/l	95
89) 1,2,4-Trichlorobenzene	13.64	180	226260	19.039	ug/l	99
90) Hexachlorobutadiene	13.78	225	107813	18.932	ug/l	98
91) Naphthalene	13.83	128	727599	19.337	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	229695	19.125	ug/l	99

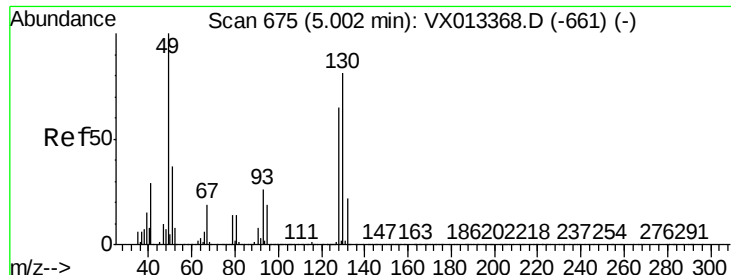
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111119\
Data File : VX013372.D
Acq On : 11 Nov 2019 18:26
Operator : JC/SP
Sample : VSTDICV020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Nov 12 01:19:29 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)
--------------------	------	------	----------	------	-------	----------

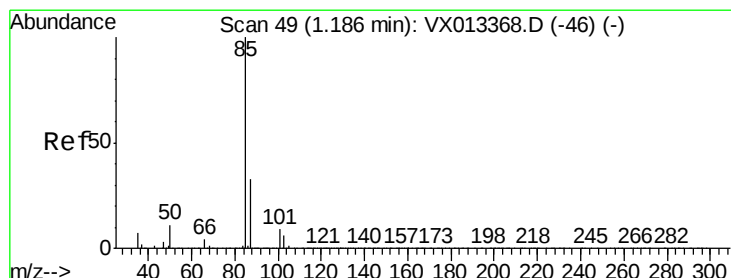
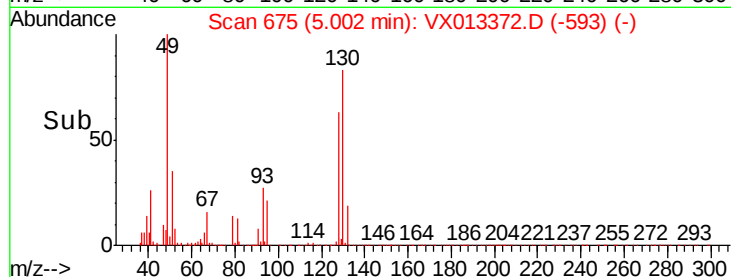
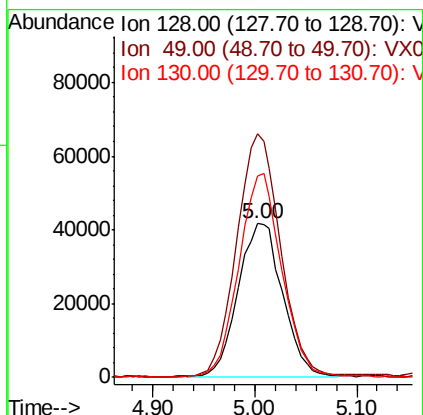
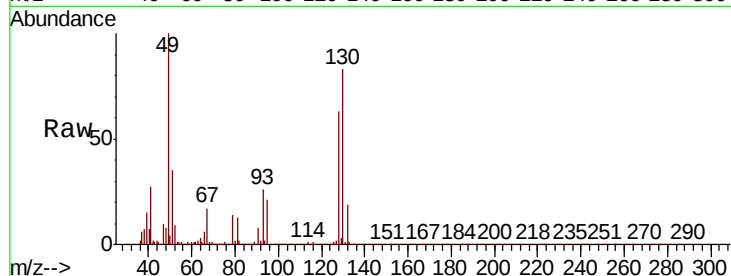
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

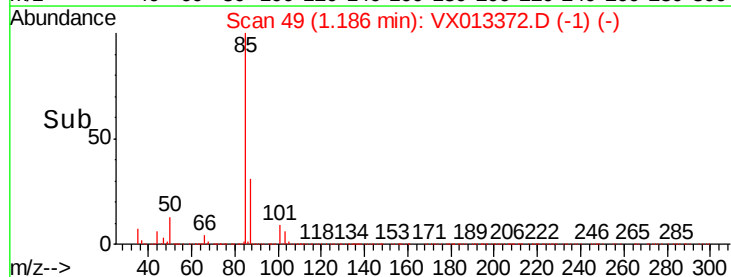
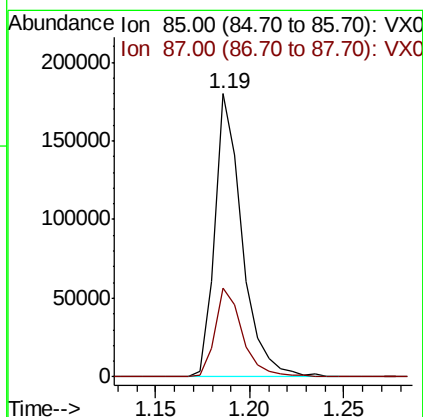
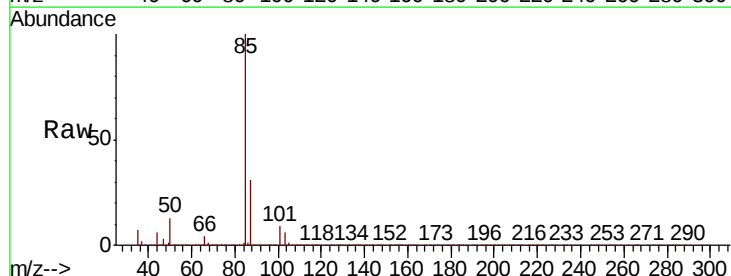
Instrument :
MSVOA_X
ClientSampleId :

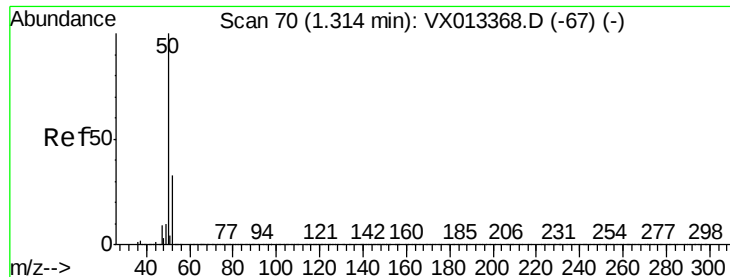
Tot Ion	Ratio	Lower	Upper
128	100		
49	155.6	0.0	388.3
130	128.9	0.0	318.5



#2
Dichlorodifluoromethane
Concen: 19.143 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.2	16.6	49.7

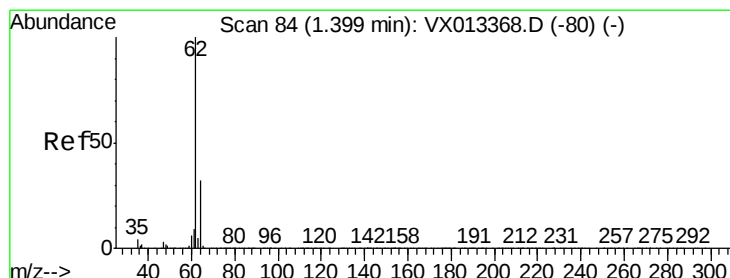
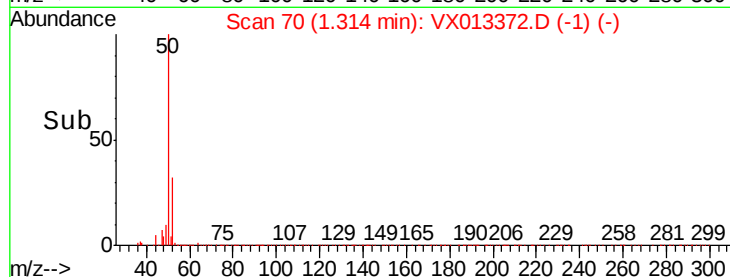
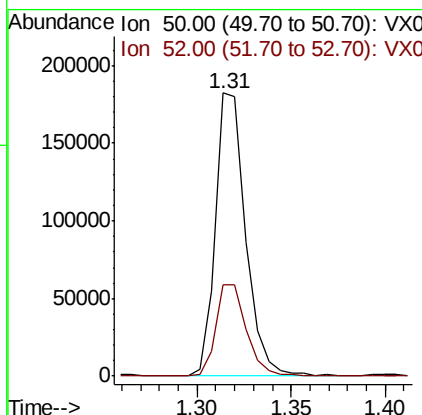
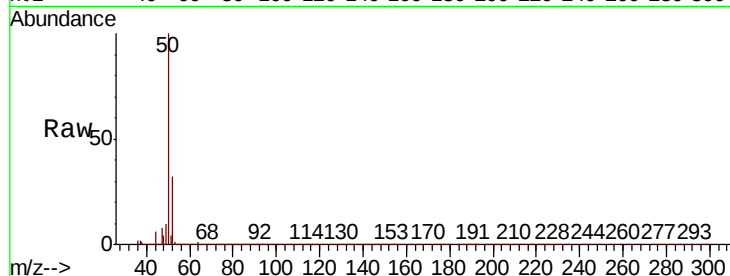




#3
Chloromethane
Concen: 19.646 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

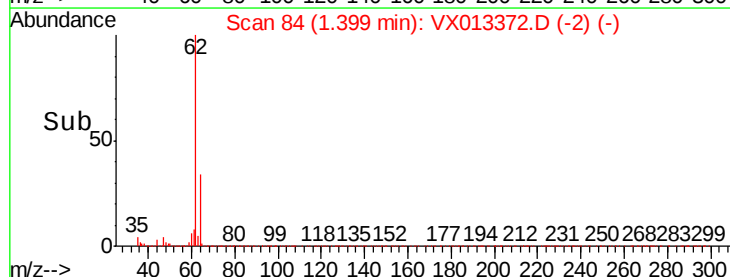
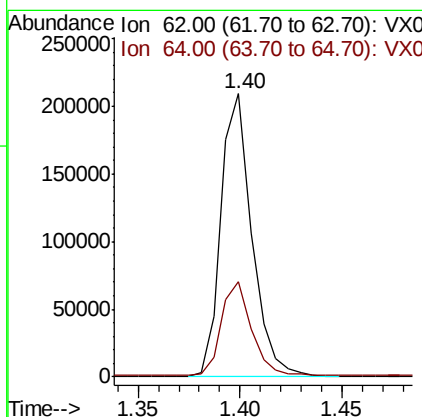
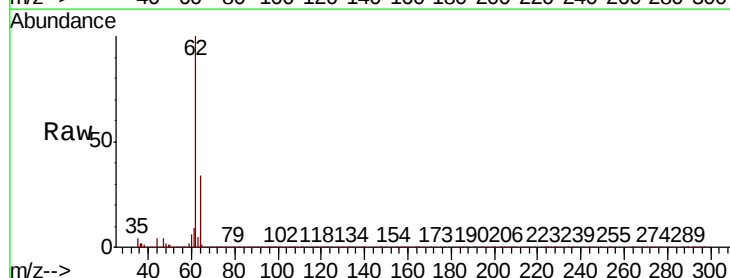
Instrument :
MSVOA_X
ClientSampleId :

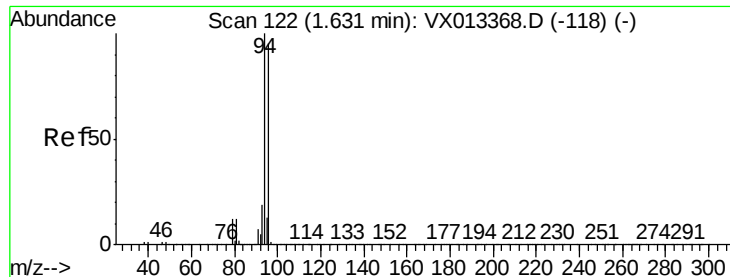
Tot Ion: 50 Resp: 202119
Ion Ratio Lower Upper
50 100
52 32.0 26.6 40.0



#4
Vinyl Chloride
Concen: 18.765 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Tgt Ion: 62 Resp: 219355
Ion Ratio Lower Upper
62 100
64 33.2 25.4 38.2





#5

Bromomethane

Concen: 18.690 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Instrument :

MSVOA_X

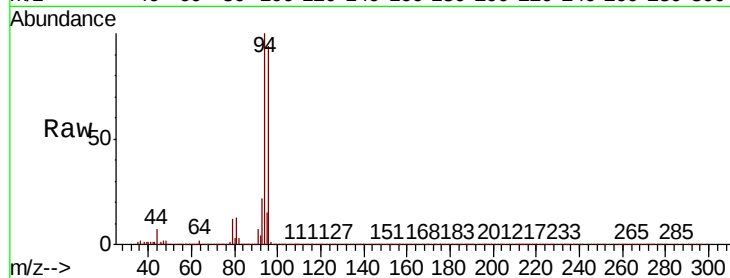
ClientSampleId :

Tot Ion: 94 Resp: 131346

Ion Ratio Lower Upper

94 100

96 93.5 75.7 113.5



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

1.63

120000

100000

80000

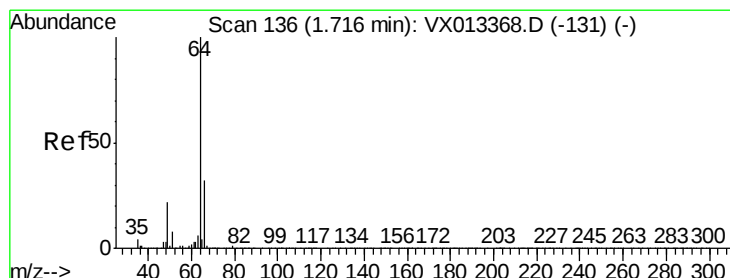
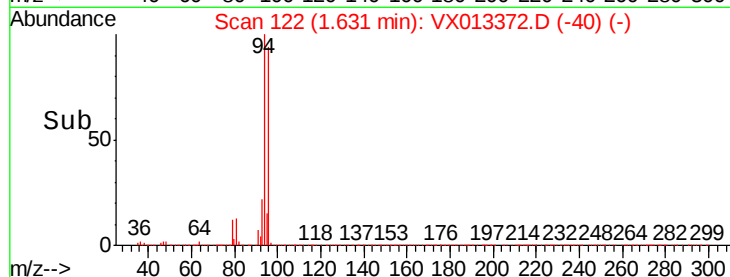
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 18.485 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX013372.D

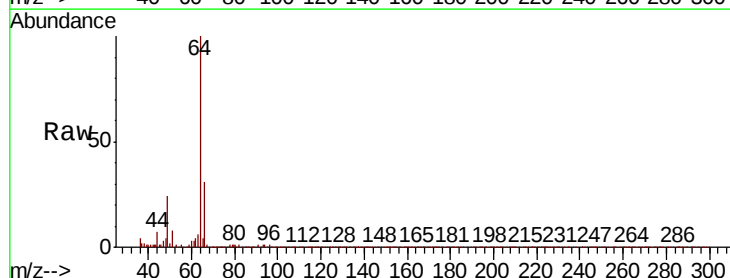
Acq: 11 Nov 2019 18:26

Tgt Ion: 64 Resp: 118783

Ion Ratio Lower Upper

64 100

66 31.0 25.5 38.3



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

1.72

100000

80000

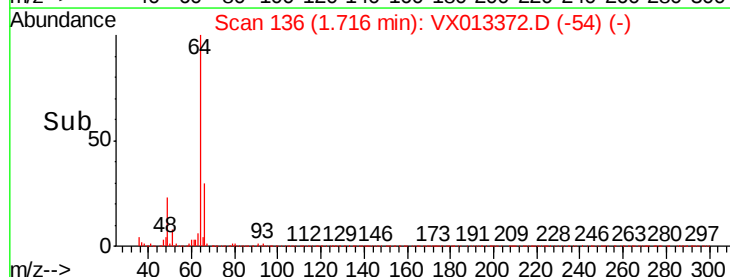
60000

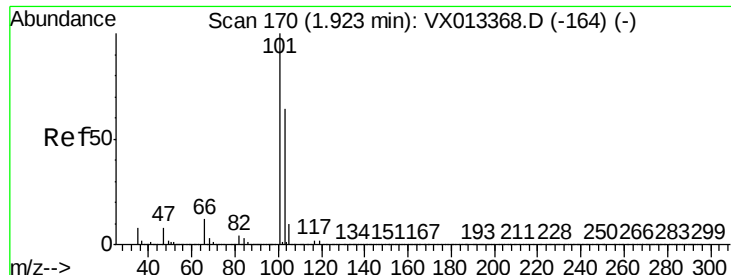
40000

20000

0

Time-->



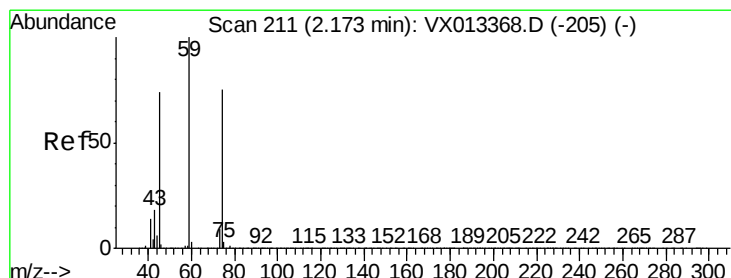
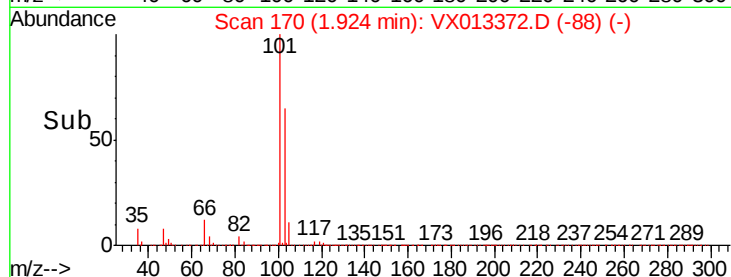
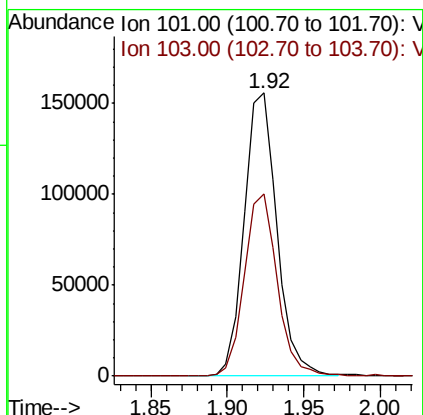
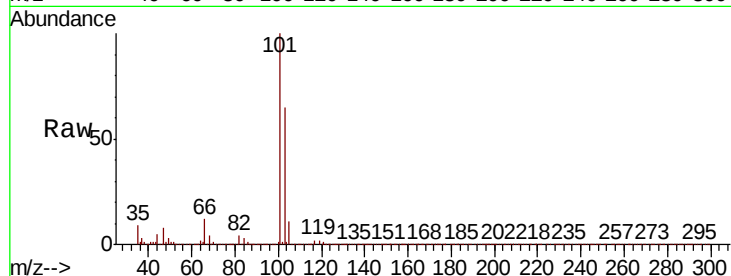


#7

Trichlorofluoromethane
Concen: 18.366 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Instrument :
MSVOA_X
ClientSampleId :

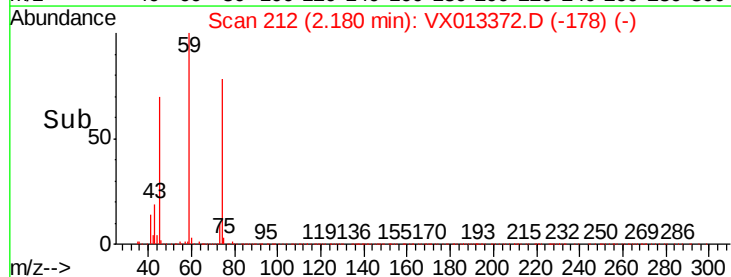
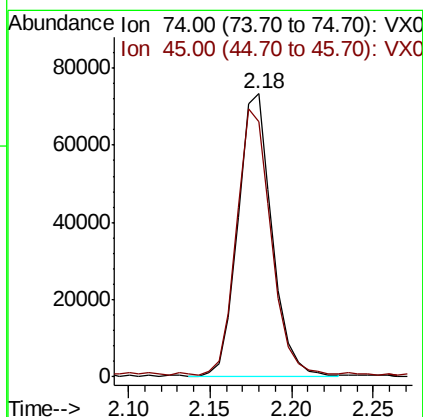
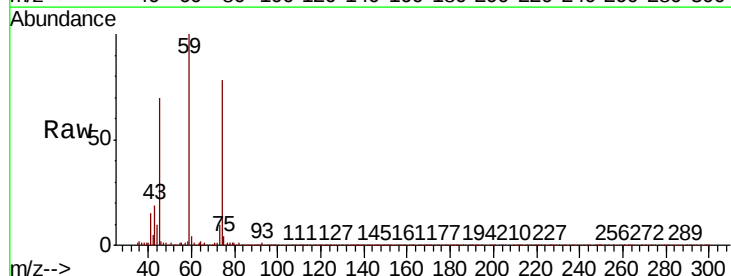
Tot Ion:101 Resp: 231131
Ion Ratio Lower Upper
101 100
103 64.4 51.2 76.8

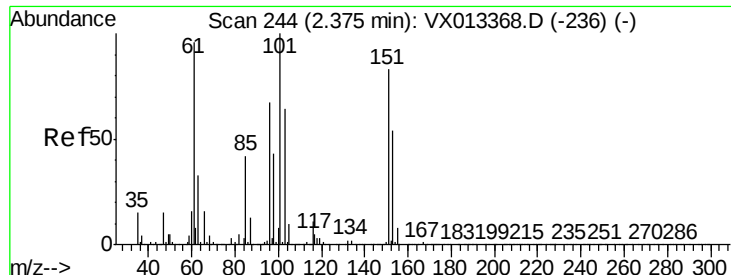


#8

Diethyl Ether
Concen: 18.413 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Tgt Ion: 74 Resp: 105802
Ion Ratio Lower Upper
74 100
45 95.6 19.5 175.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.131 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Instrument :

MSVOA_X

ClientSampleId :

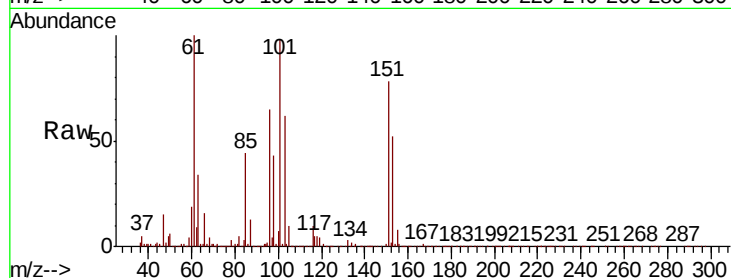
Tot Ion:101 Resp: 137277

Ion Ratio Lower Upper

101 100

85 43.7 0.0 83.2

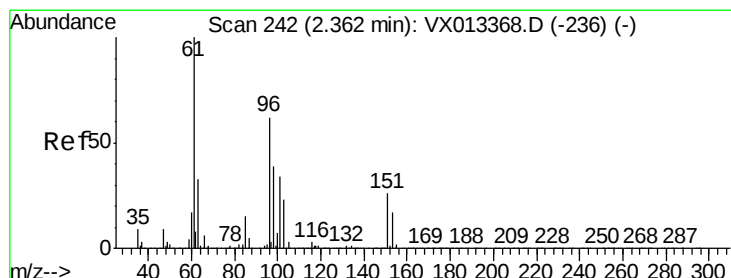
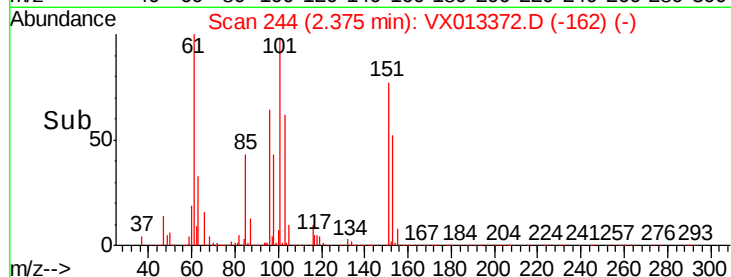
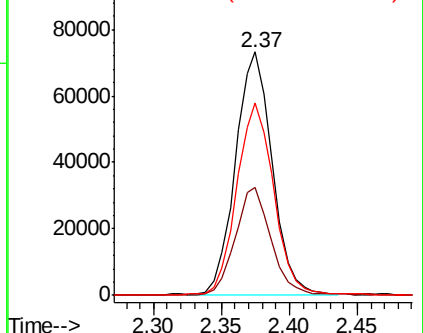
151 78.2 0.0 163.8



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



#10

1,1-Dichloroethene

Concen: 18.476 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

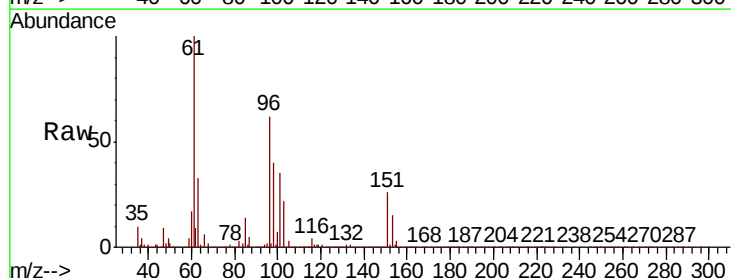
Tgt Ion: 96 Resp: 143759

Ion Ratio Lower Upper

96 100

61 161.7 128.9 193.3

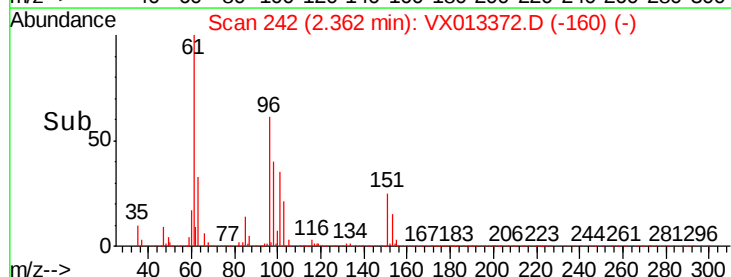
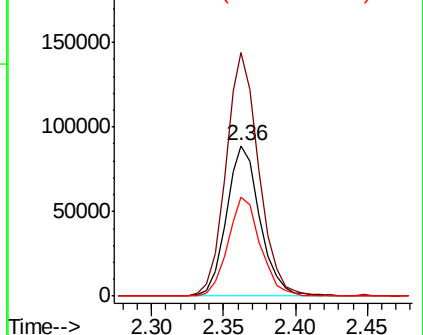
98 65.3 49.7 74.5

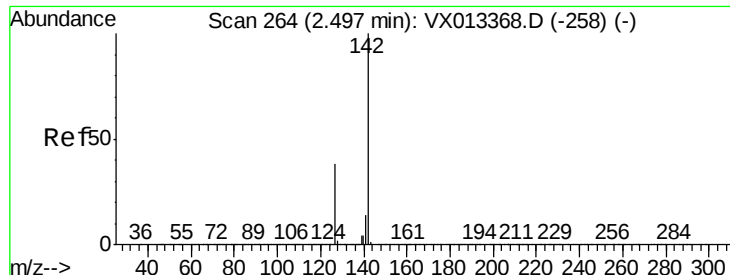


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

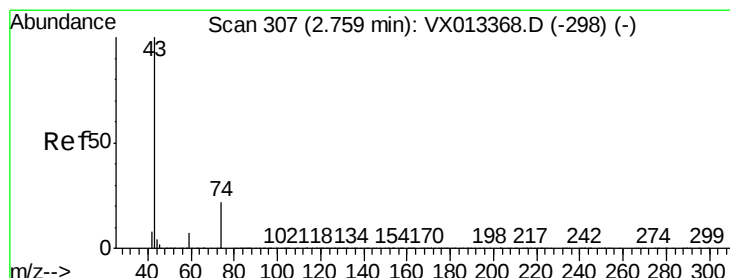
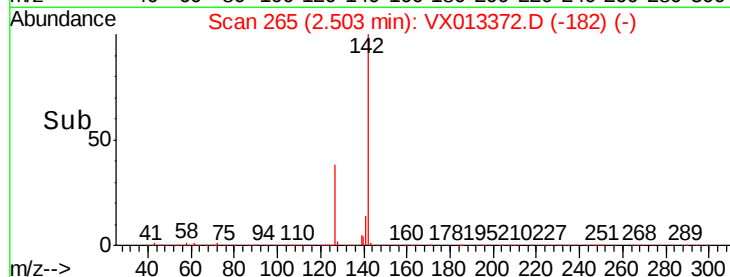
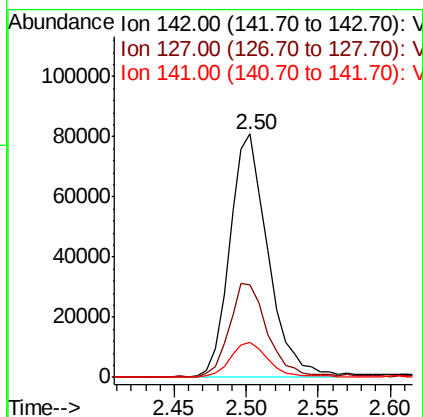
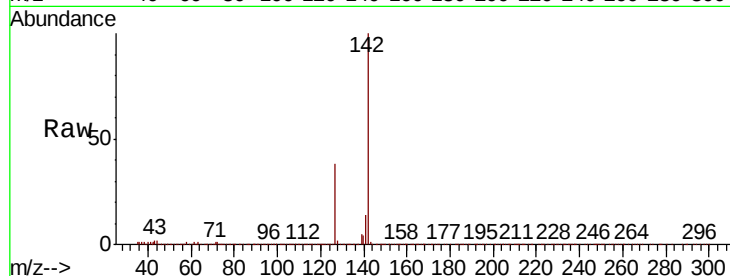




#11
Methyl Iodide
Concen: 15.557 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

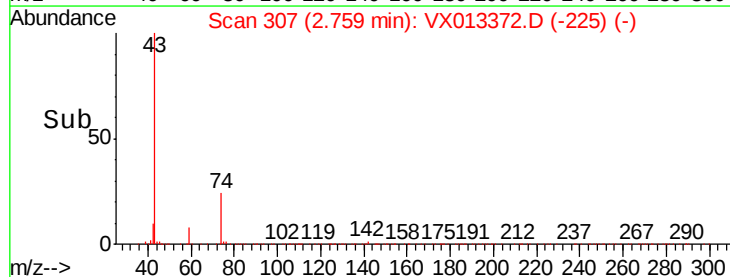
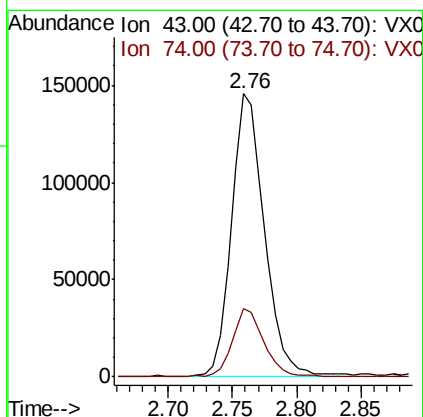
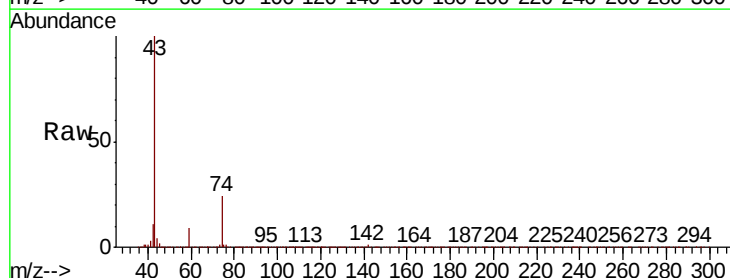
Instrument :
MSVOA_X
ClientSampled :

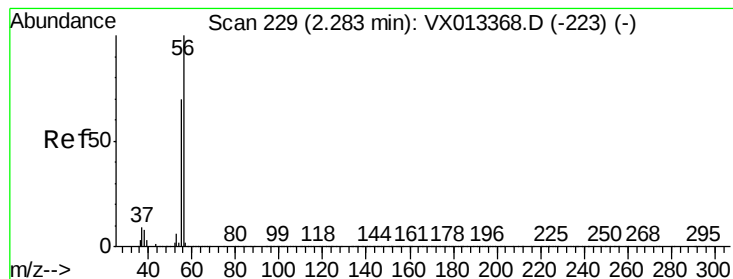
Tot Ion:142 Resp: 149462
Ion Ratio Lower Upper
142 100
127 37.6 19.1 57.5
141 14.2 7.0 21.0



#12
Methyl Acetate
Concen: 19.079 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Tgt Ion: 43 Resp: 260126
Ion Ratio Lower Upper
43 100
74 24.0 18.0 27.0





#13

Acrolein

Concen: 87.370 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Instrument :

MSVOA_X

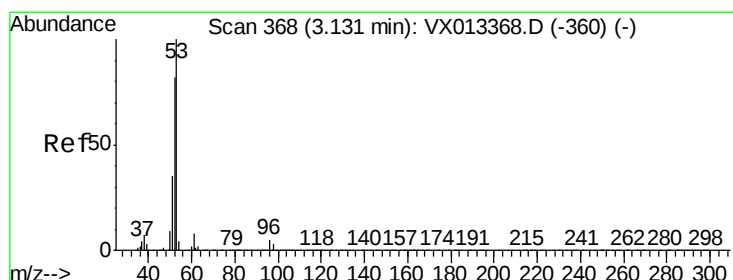
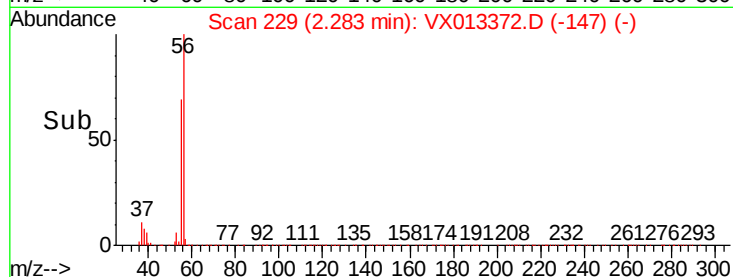
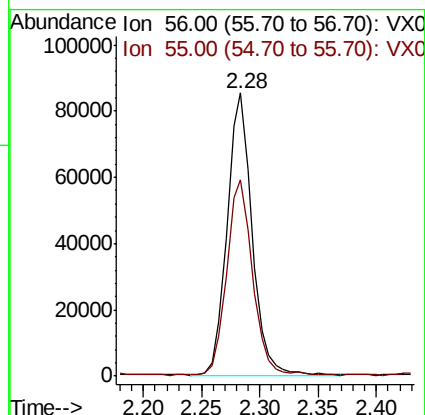
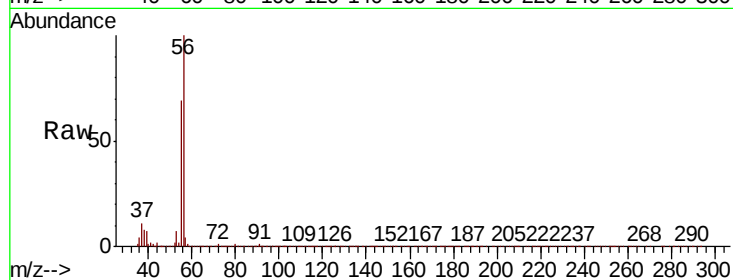
ClientSampleId :

Tot Ion: 56 Resp: 126536

Ion Ratio Lower Upper

56 100

55 70.0 55.8 83.8



#14

Acrylonitrile

Concen: 90.095 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

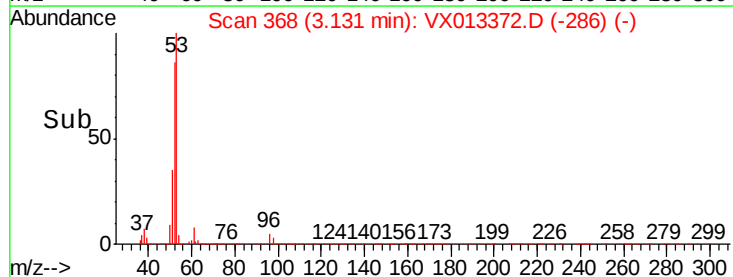
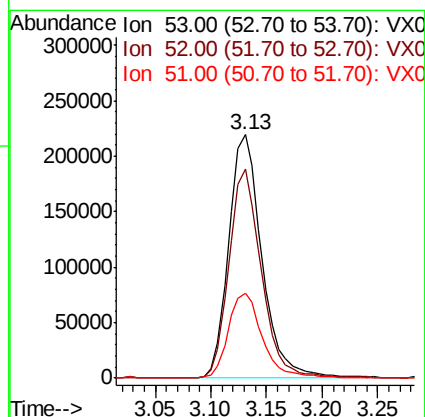
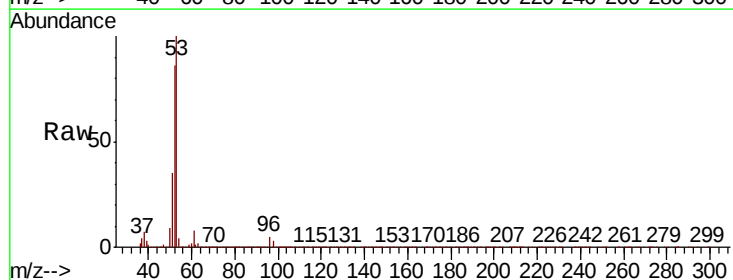
Tgt Ion: 53 Resp: 451707

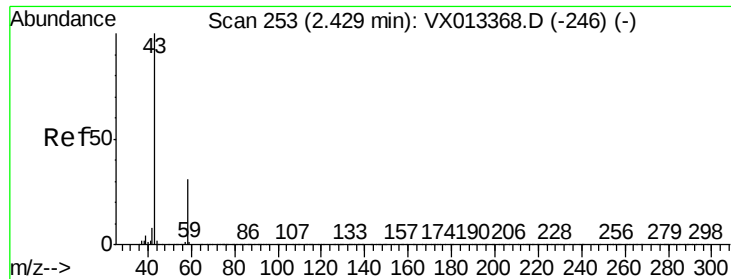
Ion Ratio Lower Upper

53 100

52 82.7 41.0 123.0

51 35.7 17.3 51.9

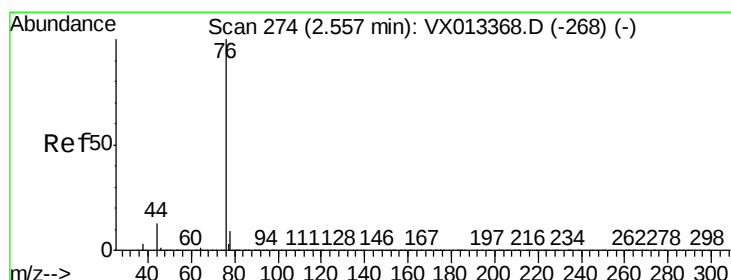
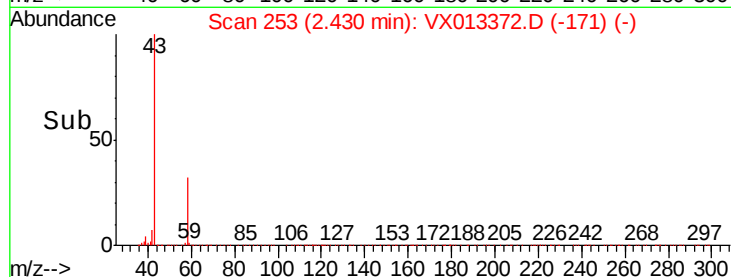
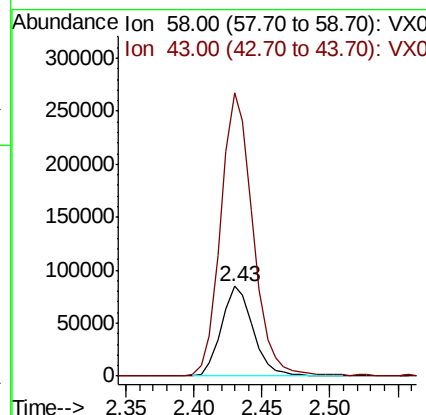
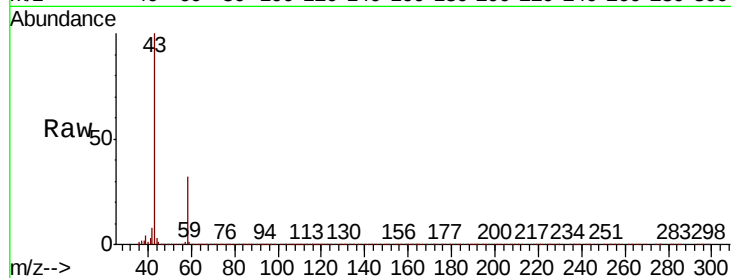




#15
Acetone
Concen: 89.129 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

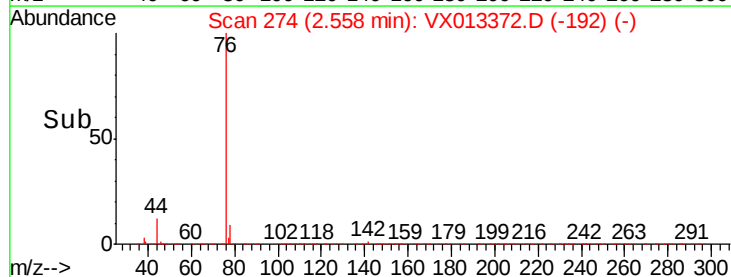
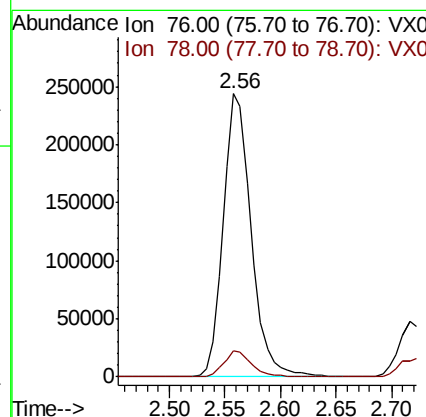
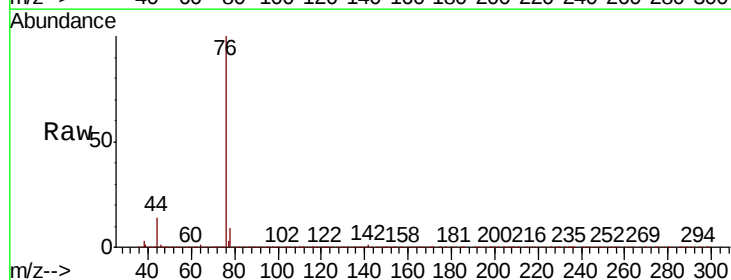
Instrument :
MSVOA_X
ClientSampleId :

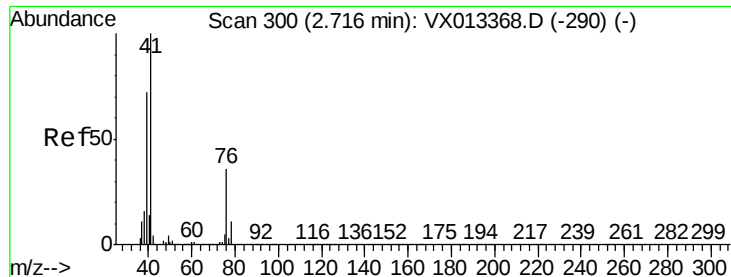
Tot Ion: 58 Resp: 135340
Ion Ratio Lower Upper
58 100
43 316.6 261.4 392.2



#16
Carbon Disulfide
Concen: 19.489 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Tgt Ion: 76 Resp: 422955
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

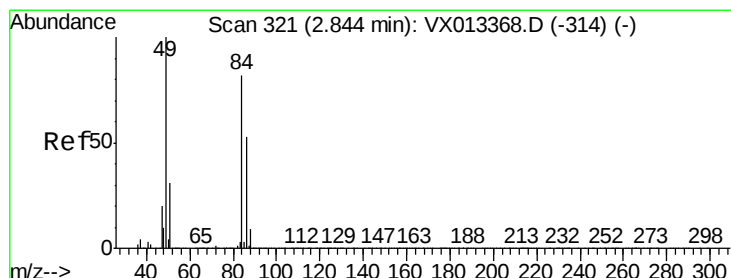
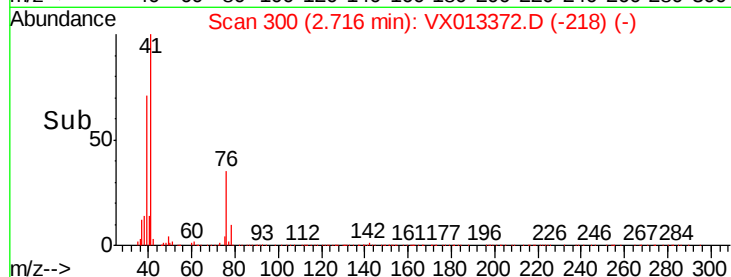
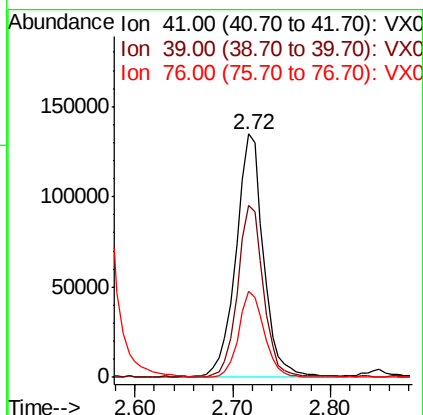
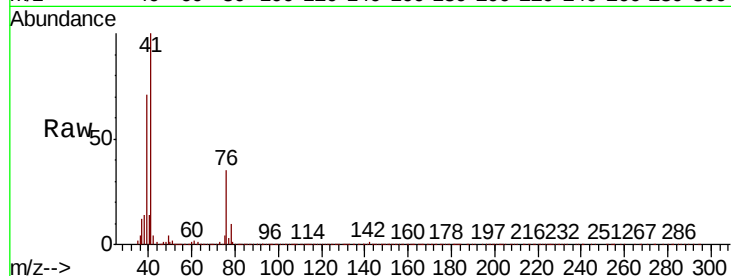




#17
Allvl chloride
Concen: 18.188 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

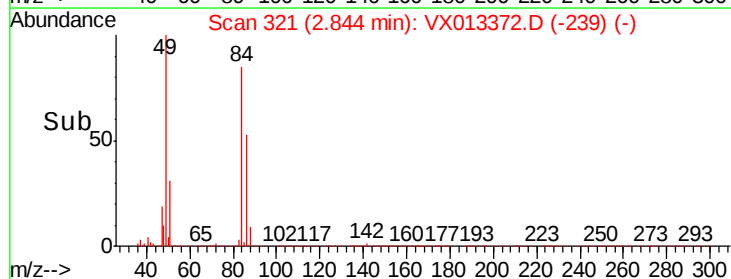
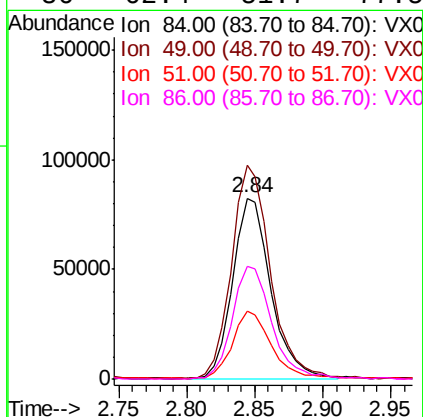
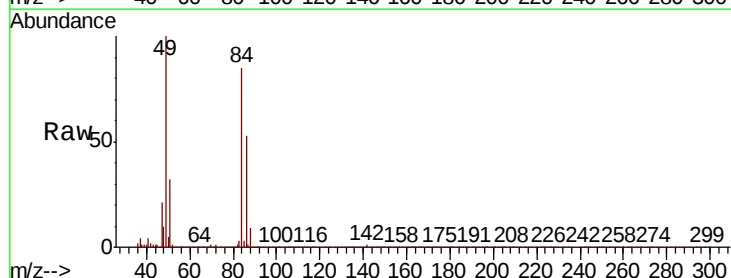
Instrument :
MSVOA_X
ClientSampleId :

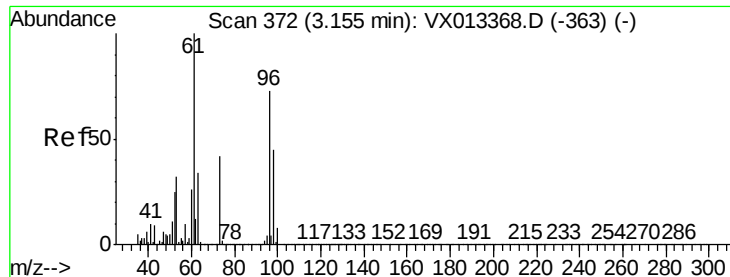
Tot Ion: 41 Resp: 260612
Ion Ratio Lower Upper
41 100
39 70.5 36.1 108.3
76 35.1 18.1 54.4



#18
Methylene Chloride
Concen: 18.249 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Tgt Ion: 84 Resp: 161107
Ion Ratio Lower Upper
84 100
49 117.7 96.8 145.2
51 37.2 30.0 45.0
86 62.4 51.7 77.5





#19

trans-1,2-Dichloroethene

Concen: 18.570 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Instrument :
MSVOA_X
ClientSampleId :

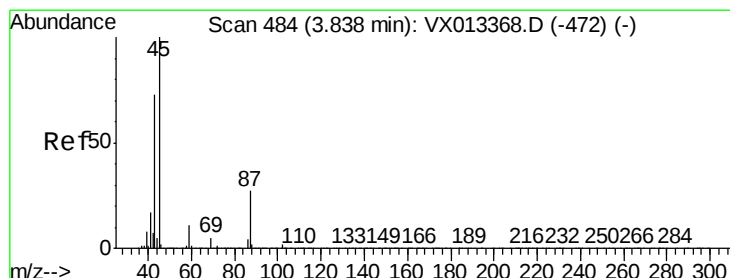
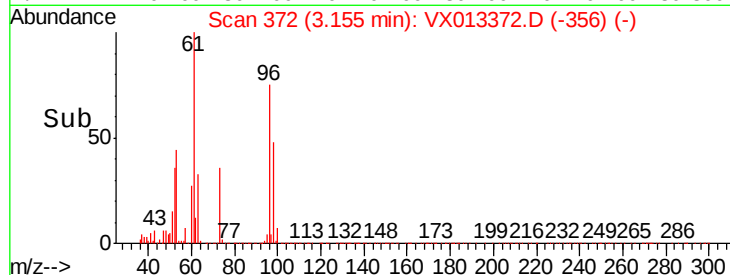
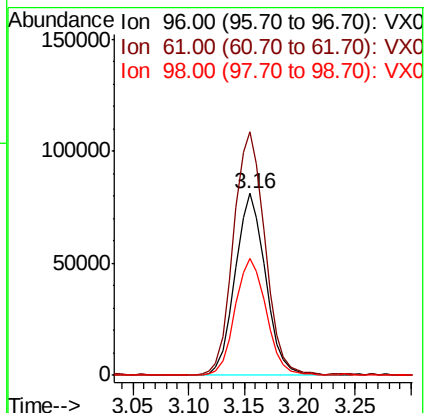
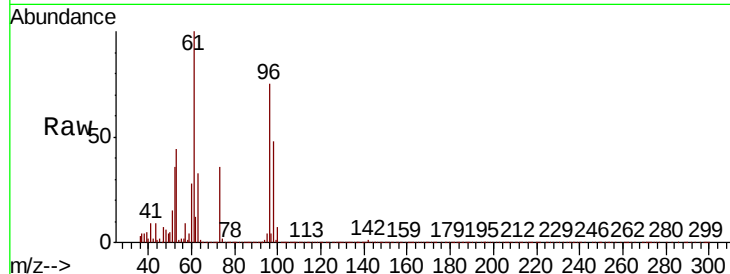
Tot Ion: 96 Resp: 154423

Ion Ratio Lower Upper

96 100

61 133.5 109.9 164.9

98 64.3 49.7 74.5



#20

Diisopropyl ether

Concen: 18.068 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.01 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Tgt Ion: 45 Resp: 498080

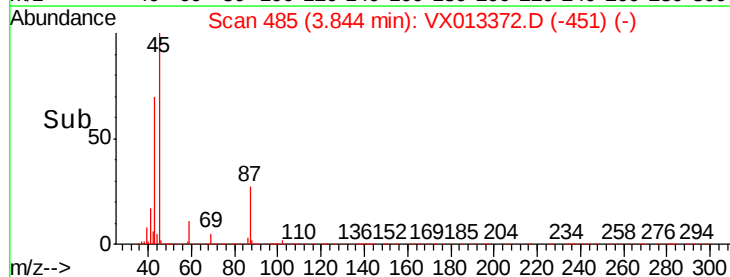
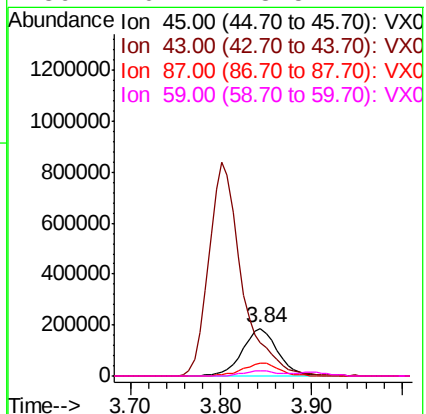
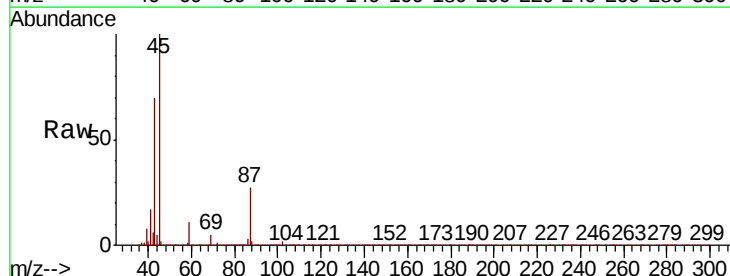
Ion Ratio Lower Upper

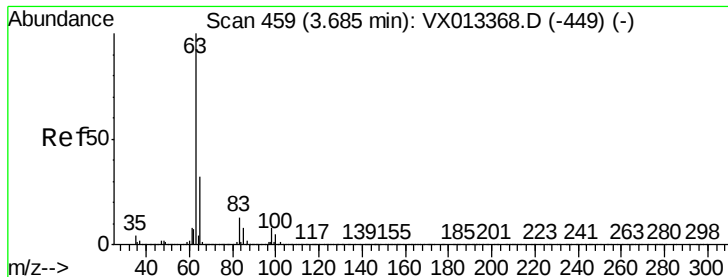
45 100

43 68.7 67.7 101.5

87 26.7 21.5 32.3

59 10.7 8.5 12.7





#21

1,1-Dichloroethane

Concen: 18.389 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Instrument :

MSVOA_X

ClientSampleId :

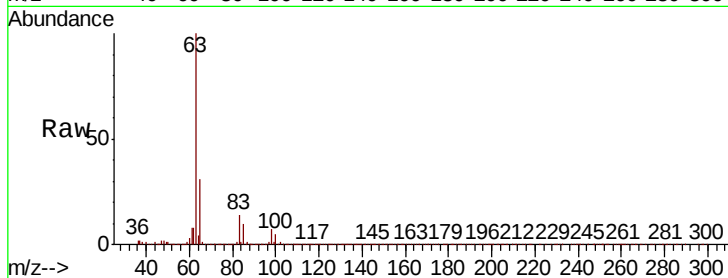
Tot Ion: 63 Resp: 276109

Ion Ratio Lower Upper

63 100

98 7.2 4.0 11.9

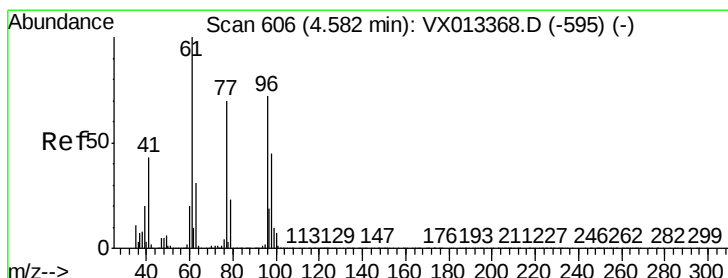
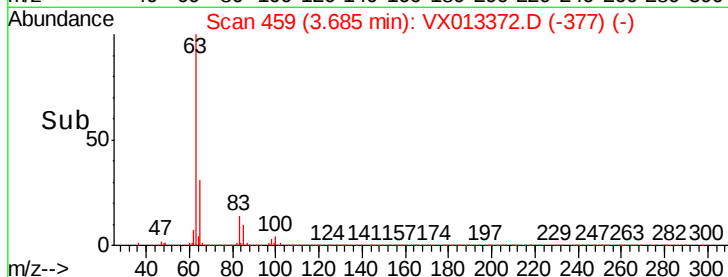
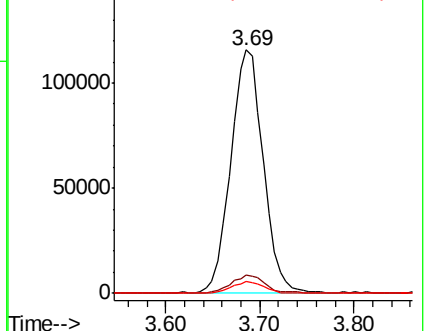
100 4.9 2.5 7.5



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: 18.736 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

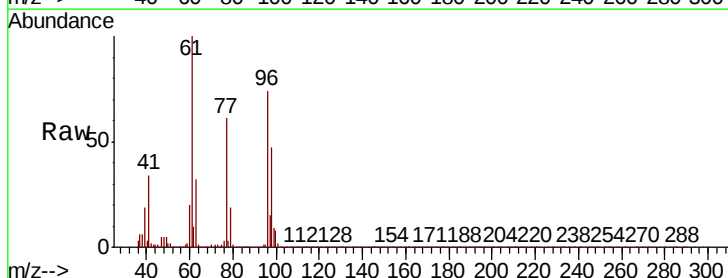
Tgt Ion: 96 Resp: 177628

Ion Ratio Lower Upper

96 100

61 144.5 117.0 175.6

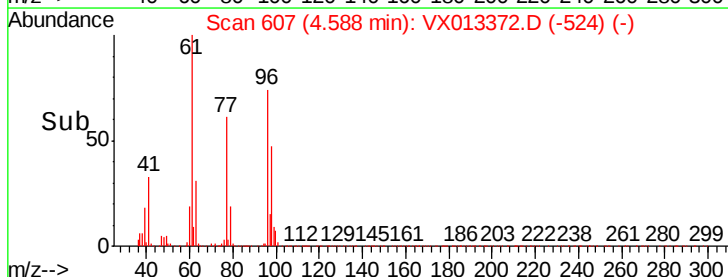
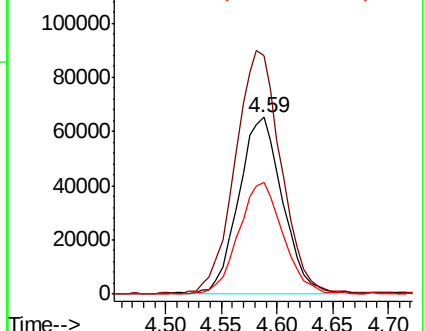
98 63.8 51.1 76.7

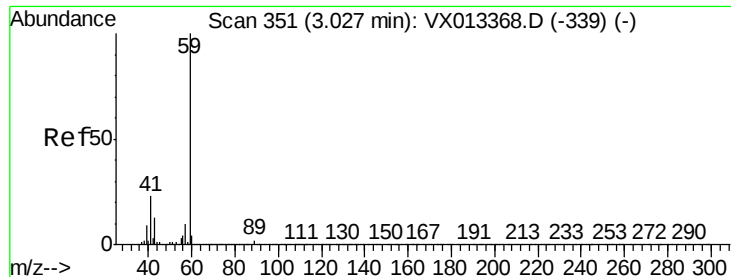


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



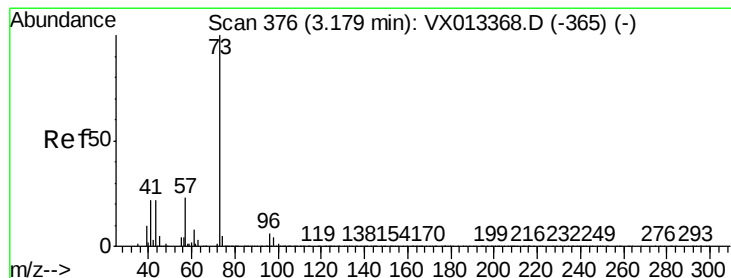
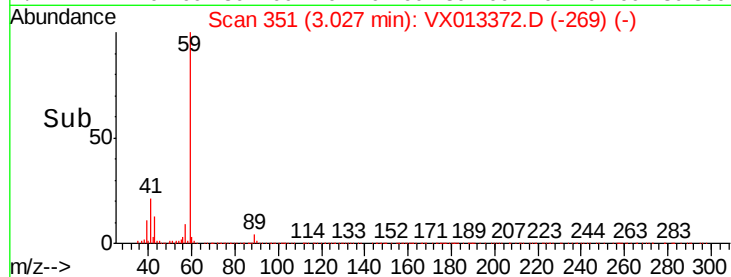
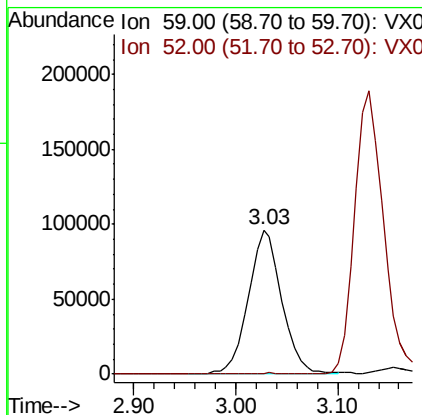
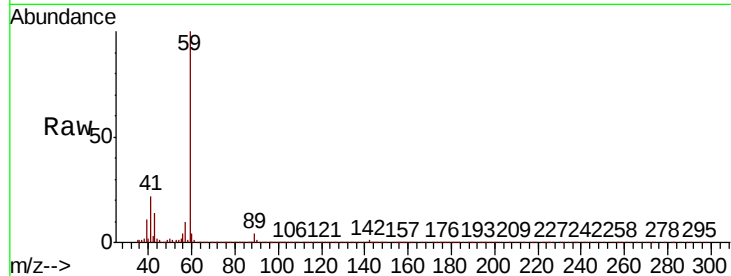


#23

tert-Butyl Alcohol
 Concen: 90.479 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VX013372.D
 Acq: 11 Nov 2019 18:26

Instrument :
 MSVOA_X
 ClientSampleId :

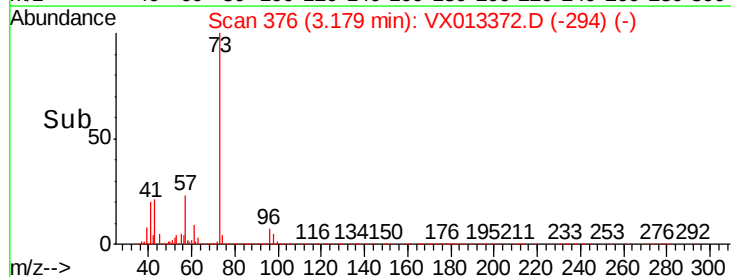
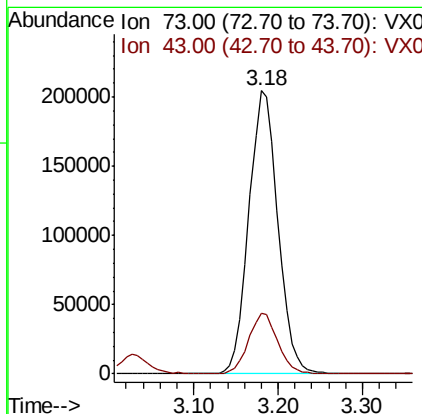
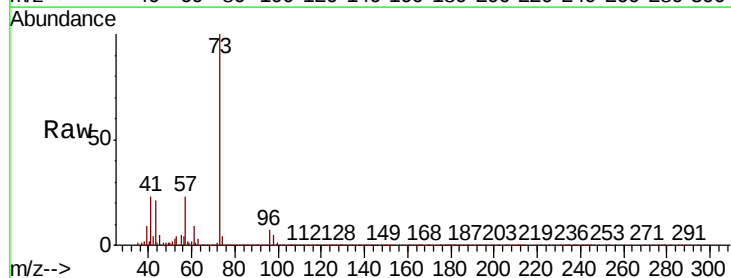
Tot Ion: 59 Resp: 218310
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.1 0.1

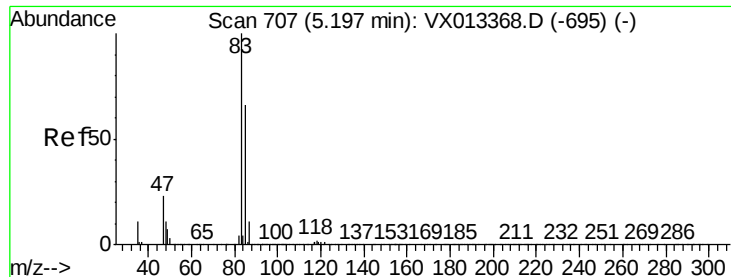


#24

Methyl tert-Butyl Ether
 Concen: 18.543 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VX013372.D
 Acq: 11 Nov 2019 18:26

Tgt Ion: 73 Resp: 477510
 Ion Ratio Lower Upper
 73 100
 43 21.1 17.0 25.6





#25

Chloroform

Concen: 18.351 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

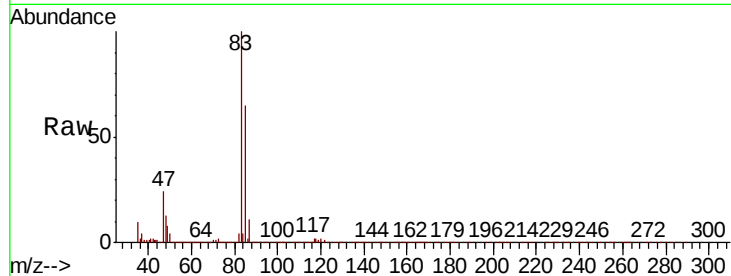
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 269708

Ion Ratio Lower Upper

83 100

85 65.0 52.4 78.6



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

5.20

100000

80000

60000

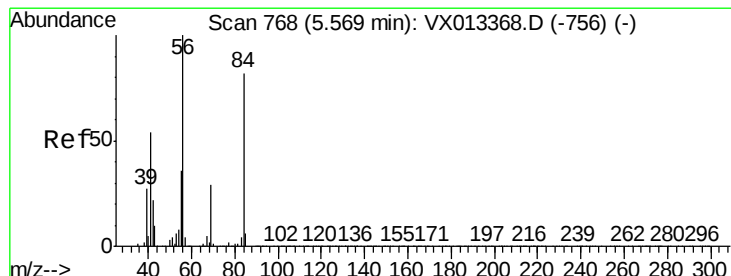
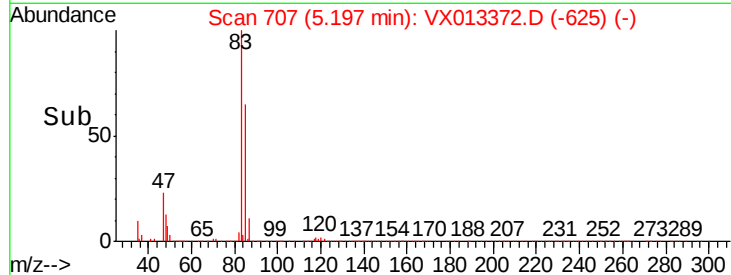
40000

20000

0

5.10 5.20 5.30

Time-->



#26

Cyclohexane

Concen: 18.213 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

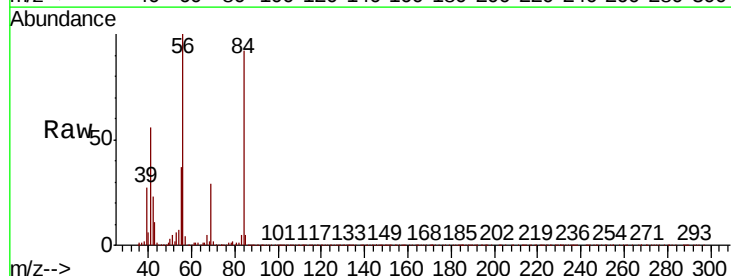
Tgt Ion: 56 Resp: 248344

Ion Ratio Lower Upper

56 100

89 0.2 0.0 0.0#

84 89.1 70.5 105.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

150000

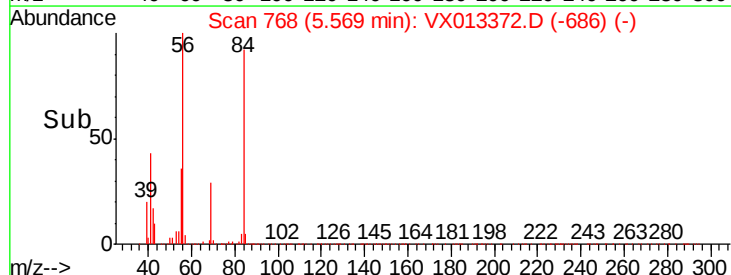
100000

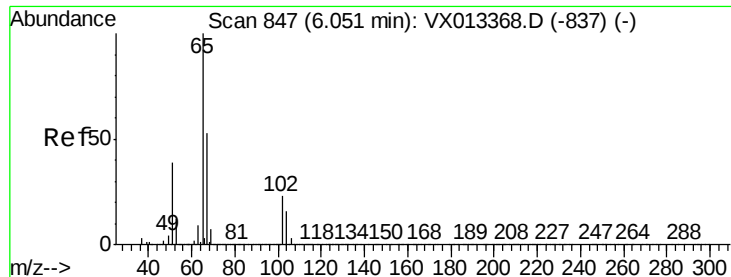
50000

0

5.50 5.57 5.70

Time-->



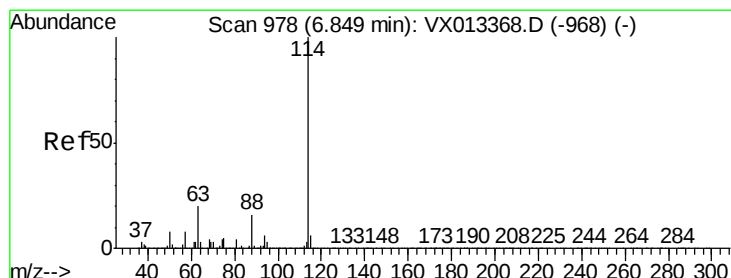
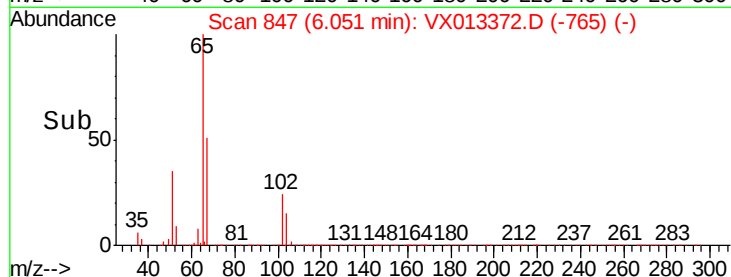
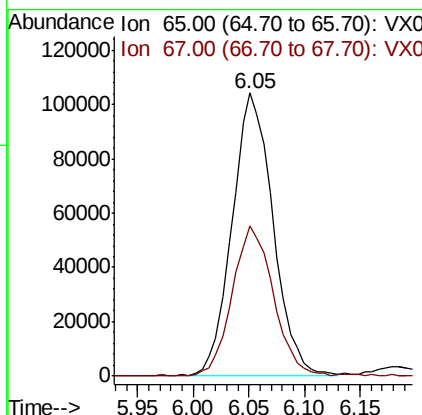
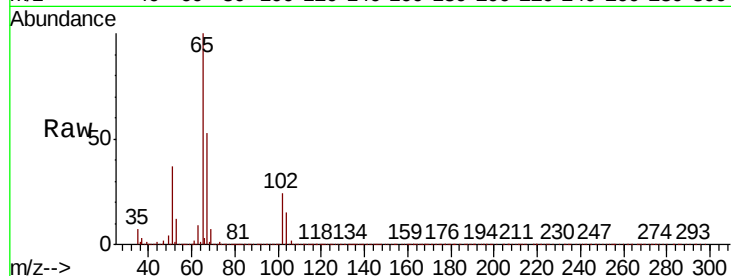


#27

1,2-Dichloroethane-d4
Concen: 28.447 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Instrument :
MSVOA_X
ClientSampleId :

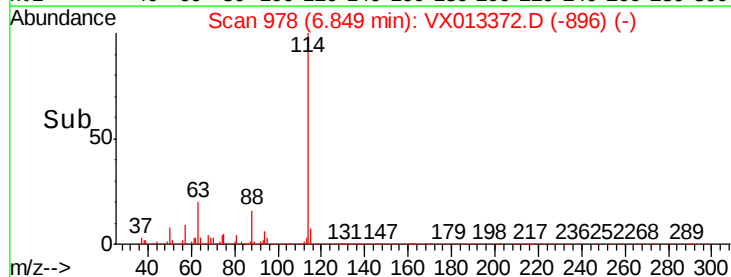
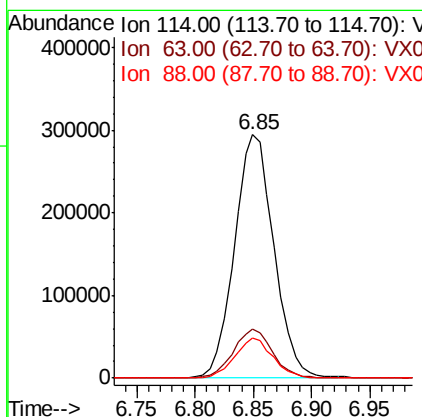
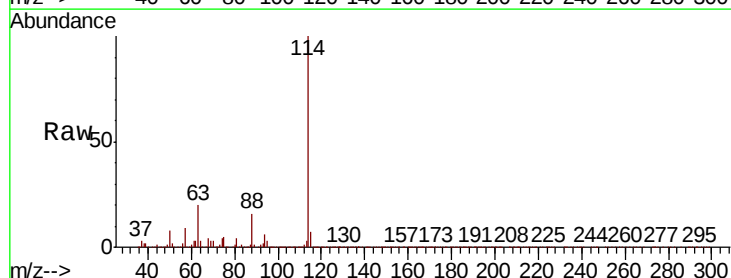
Tot Ion: 65 Resp: 264648
Ion Ratio Lower Upper
65 100
67 53.1 41.0 61.6

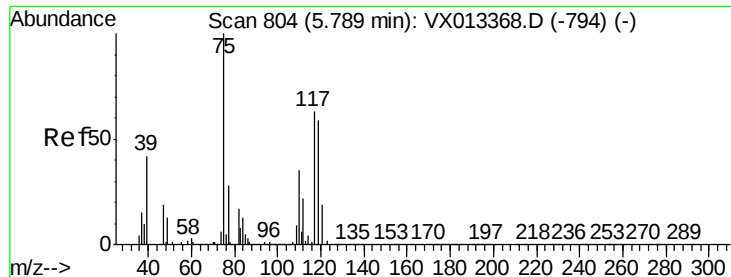


#28

1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Tgt Ion: 114 Resp: 691860
Ion Ratio Lower Upper
114 100
63 20.0 16.1 24.1
88 16.0 12.3 18.5





#29

1,1-Dichloropropene

Concen: 19.577 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.01 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Instrument :
MSVOA_X
ClientSampleId :

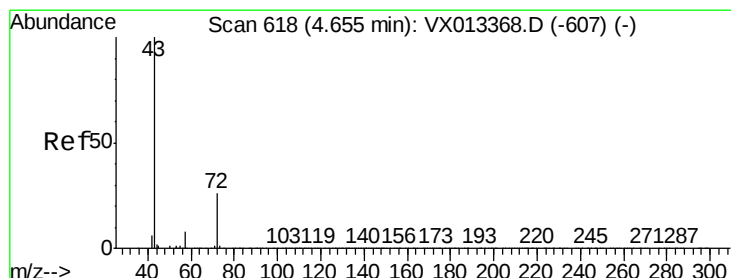
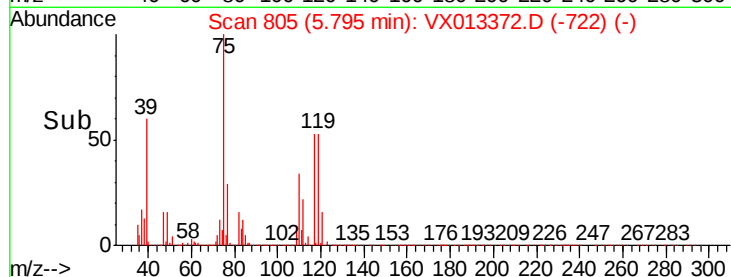
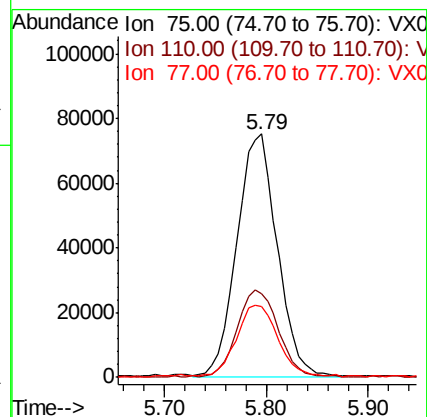
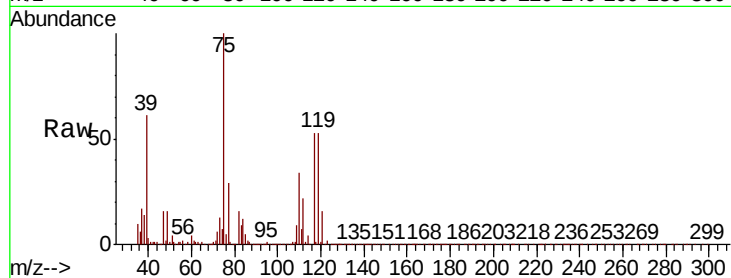
Tot Ion: 75 Resp: 206881

Ion Ratio Lower Upper

75 100

110 36.1 0.0 74.6

77 30.1 0.0 62.6



#30

2-Butanone

Concen: 95.316 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

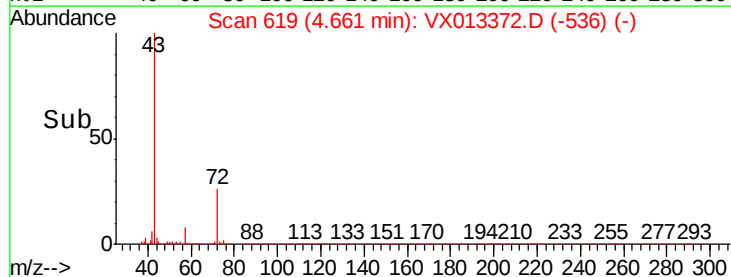
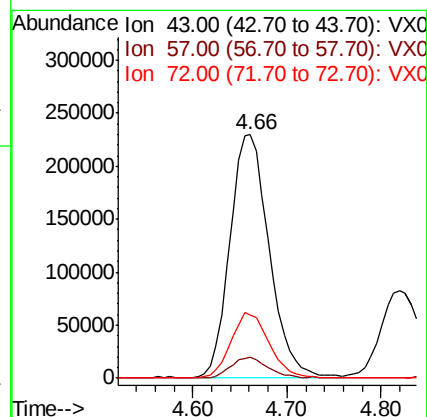
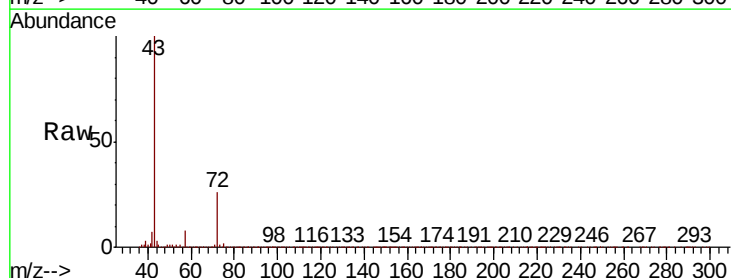
Tgt Ion: 43 Resp: 664832

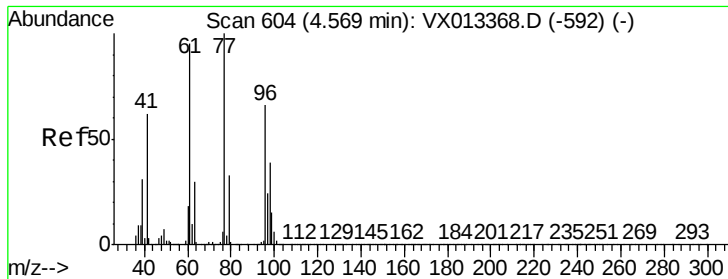
Ion Ratio Lower Upper

43 100

57 7.9 6.1 9.1

72 26.5 20.5 30.7





#31

2,2-Dichloropropane

Concen: 19.673 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Instrument :

MSVOA_X

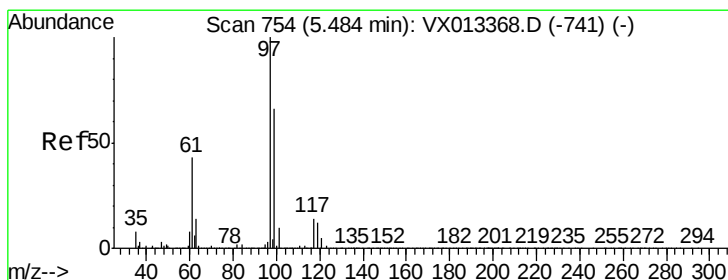
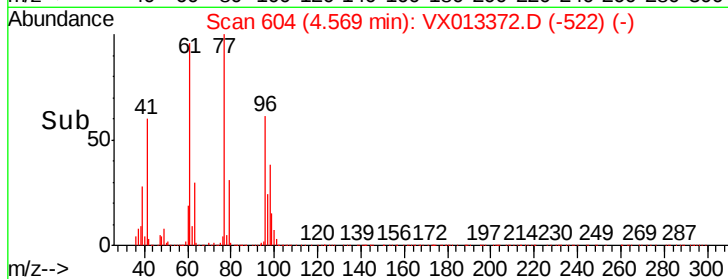
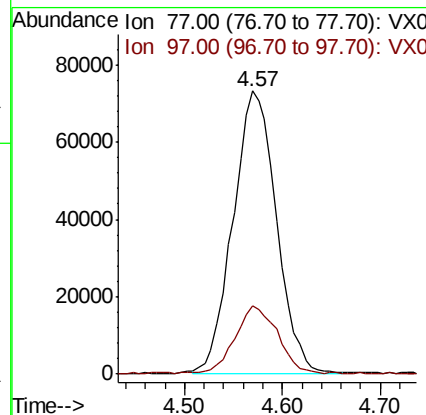
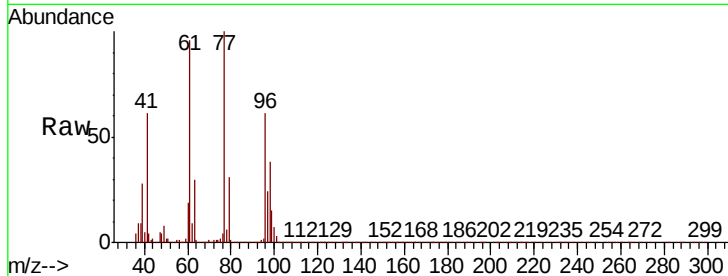
ClientSampleId :

Tot Ion: 77 Resp: 225151

Ion Ratio Lower Upper

77 100

97 23.3 19.2 28.8



#32

1,1,1-Trichloroethane

Concen: 19.531 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

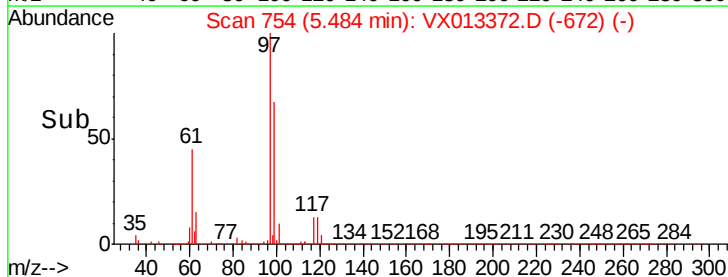
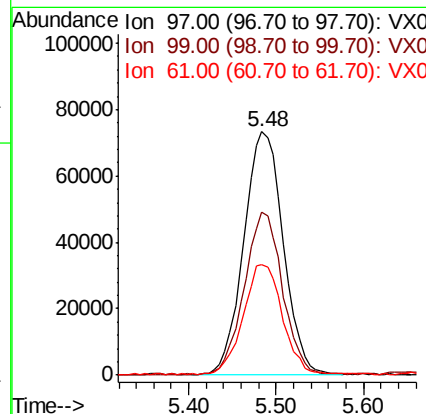
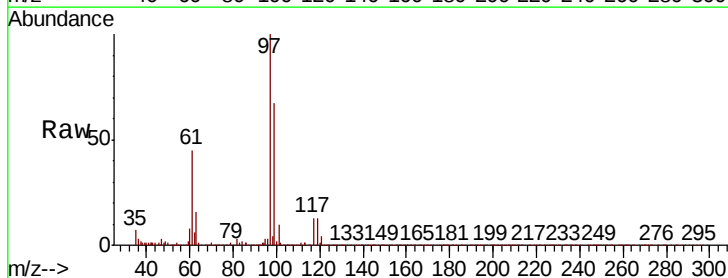
Tgt Ion: 97 Resp: 229405

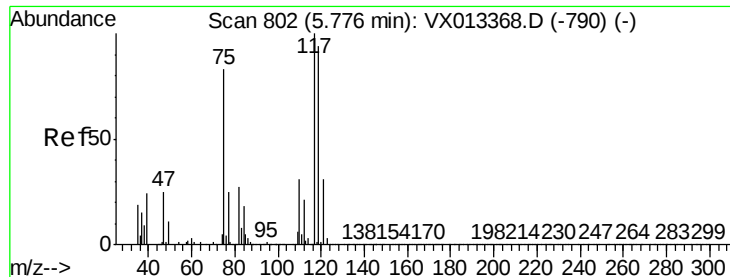
Ion Ratio Lower Upper

97 100

99 64.2 52.5 78.7

61 45.1 36.1 54.1

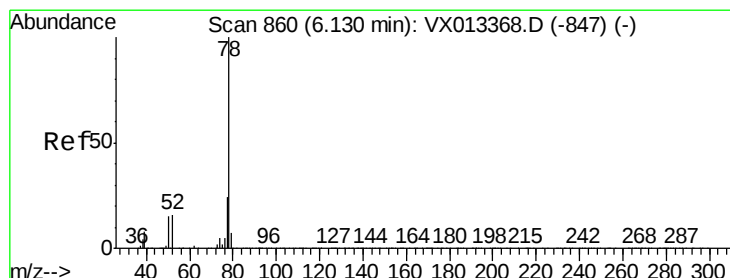
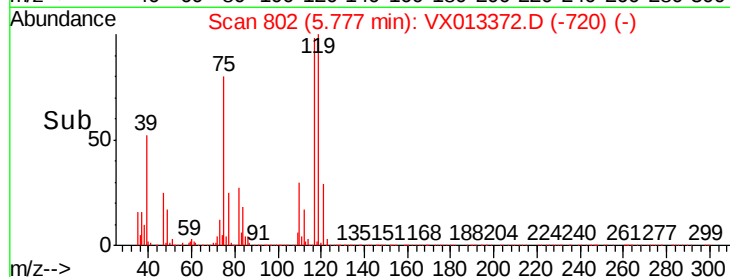
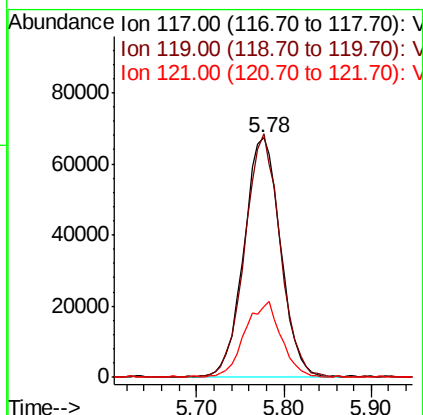
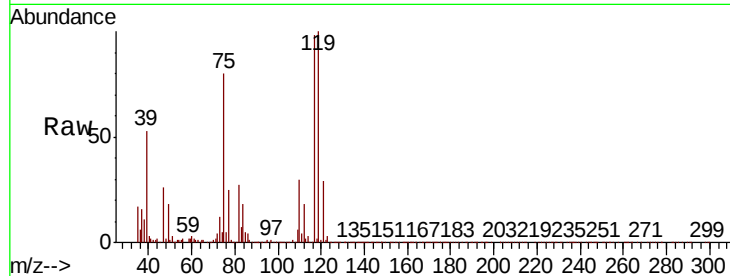




#33
Carbon Tetrachloride
Concen: 19.158 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

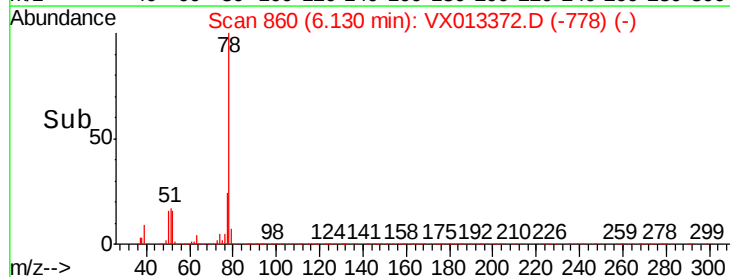
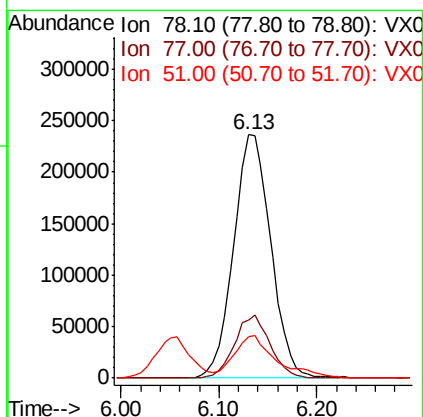
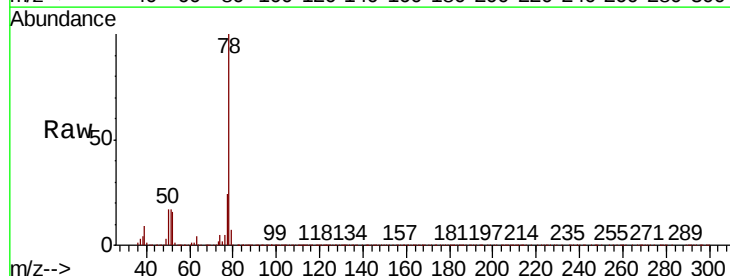
Instrument :
MSVOA_X
ClientSampled :

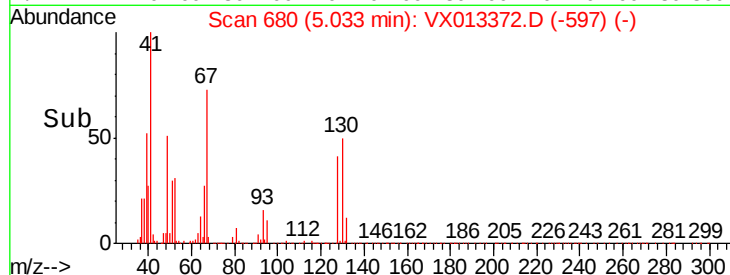
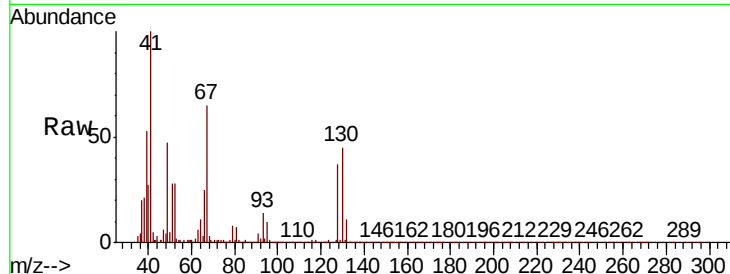
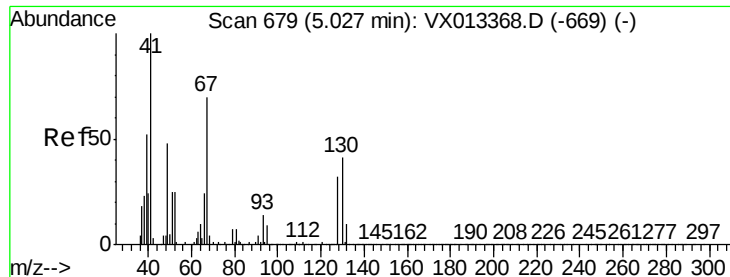
Tot Ion:117 Resp: 195450
Ion Ratio Lower Upper
117 100
119 101.6 75.0 112.6
121 29.5 24.9 37.3



#34
Benzene
Concen: 19.476 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

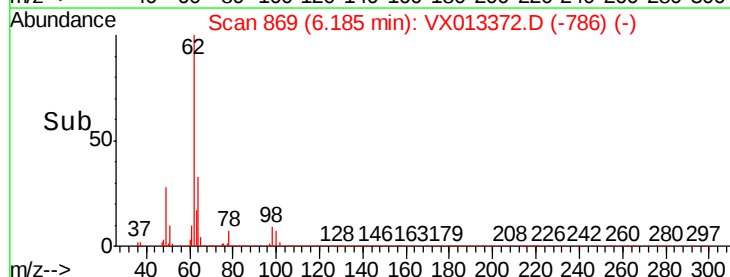
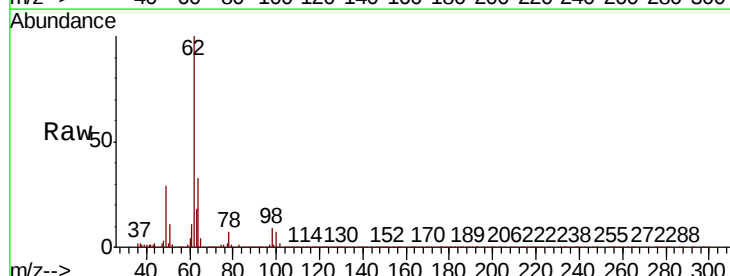
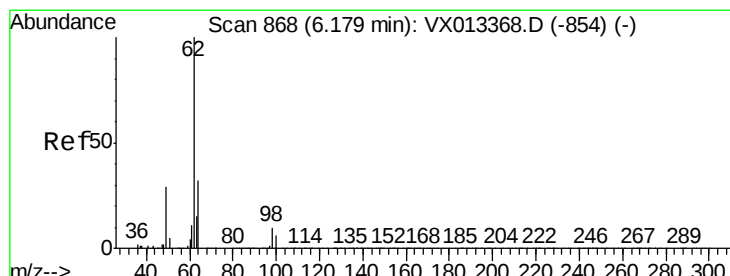
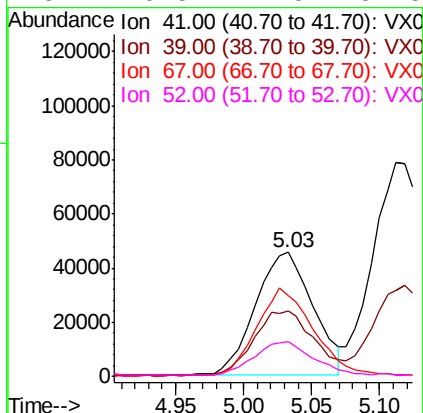
Tgt Ion: 78 Resp: 624252
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9
51 16.4 12.2 18.4





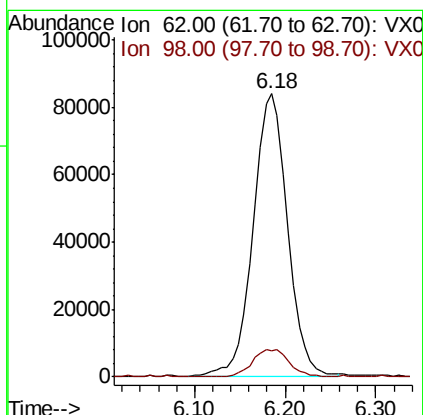
#35
Methacrylonitrile
Concen: 19.423 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

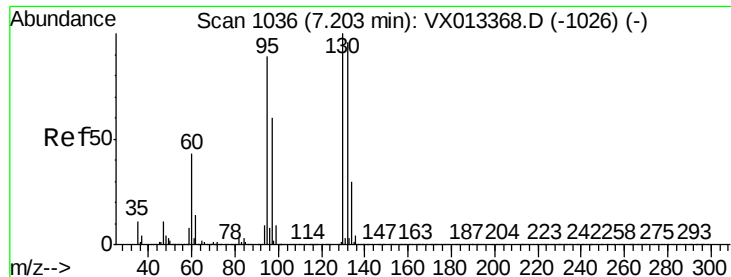
Tot Ion:	41	Resp:	135286
Ion	Ratio	Lower	Upper
41	100		
39	51.9	25.9	77.8
67	64.4	35.1	105.5
52	26.5	12.5	37.5



#36
1,2-Dichloroethane
Concen: 19.470 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Tgt Ion:	62	Resp:	218442
Ion	Ratio	Lower	Upper
62	100		
98	10.1	8.2	12.2





#37

Trichloroethene

Concen: 19.805 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Instrument :

MSVOA_X

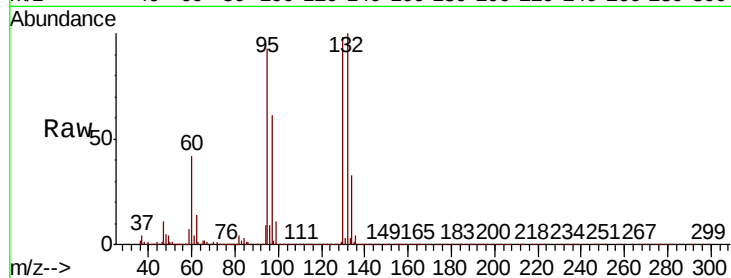
ClientSampleId :

Tot Ion:130 Resp: 170066

Ion Ratio Lower Upper

130 100

95 95.6 71.3 106.9



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

80000

60000

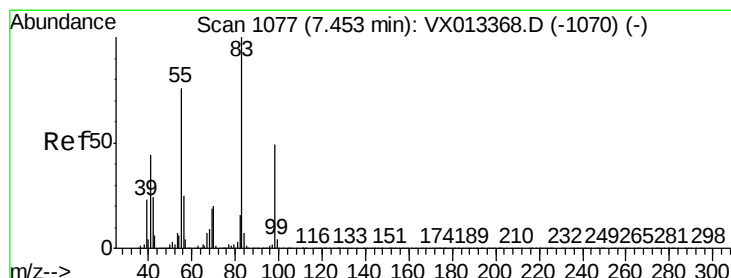
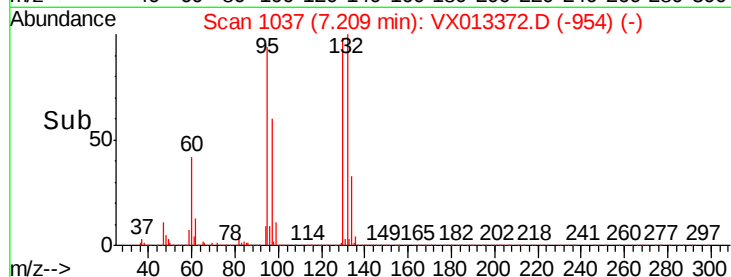
40000

20000

0

7.10 7.15 7.20 7.25 7.30

Time-->



#38

Methylcyclohexane

Concen: 19.186 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

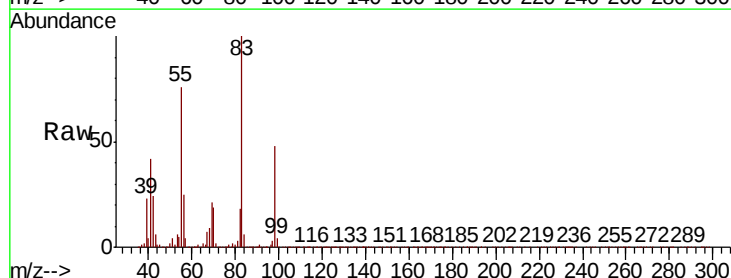
Tgt Ion: 83 Resp: 248597

Ion Ratio Lower Upper

83 100

55 76.6 37.9 113.7

98 49.6 25.1 75.3



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

150000

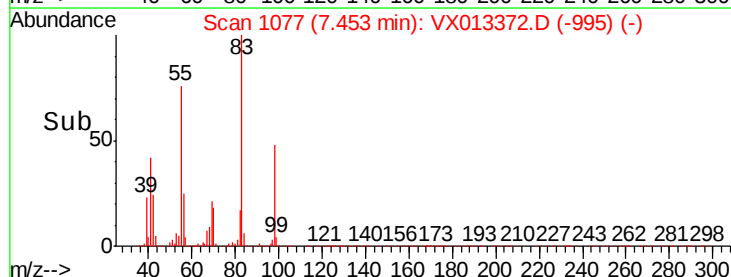
100000

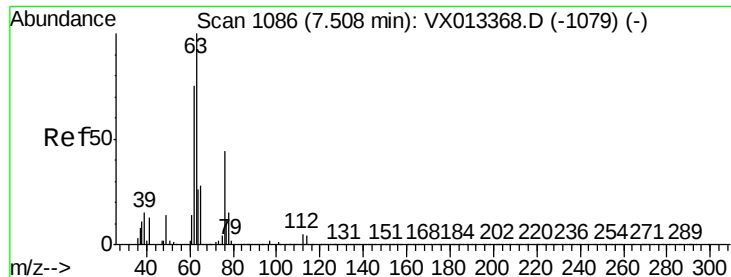
50000

0

7.35 7.40 7.45 7.50 7.55

Time-->

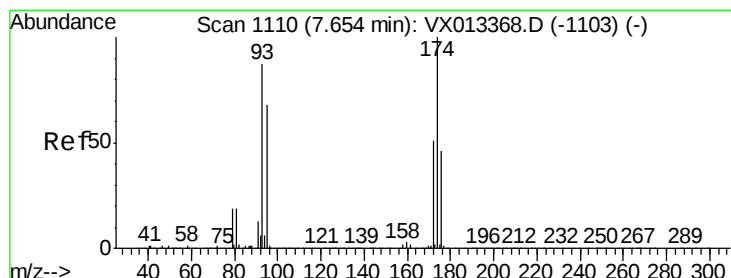
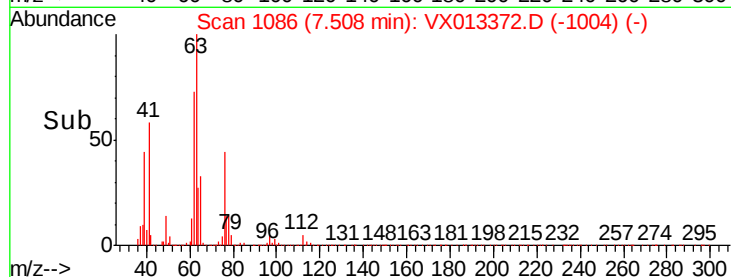
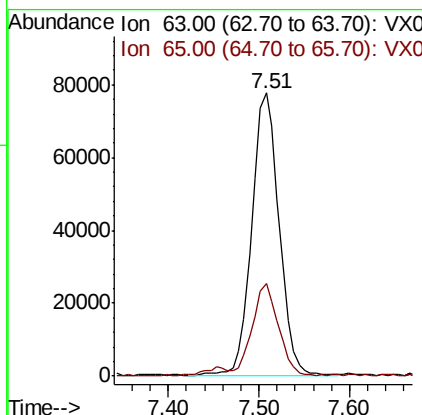
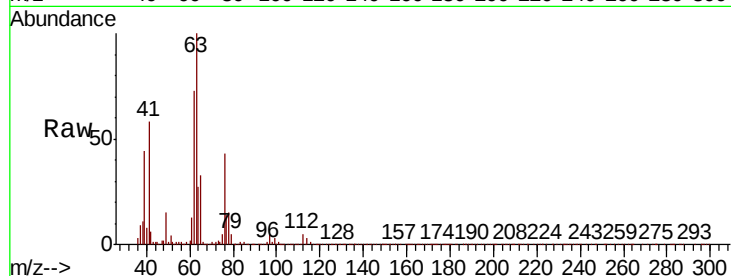




#39
 1,2-Dichloropropane
 Concen: 19.757 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013372.D
 Acq: 11 Nov 2019 18:26

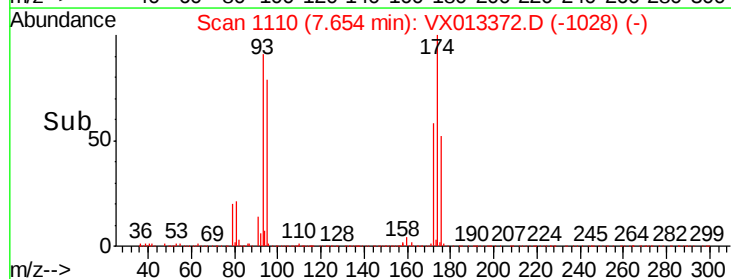
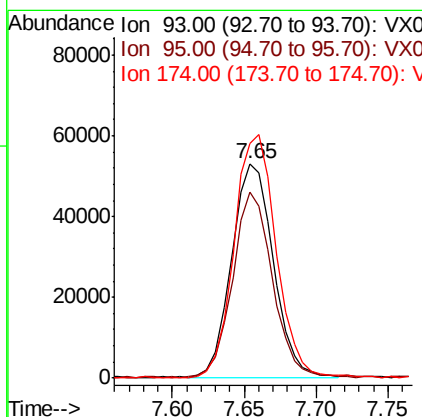
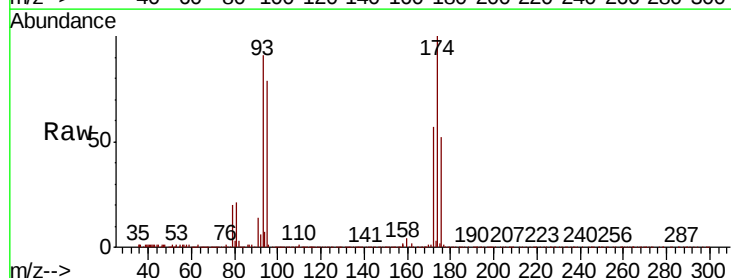
Instrument :
 MSVOA_X
 ClientSampleId :

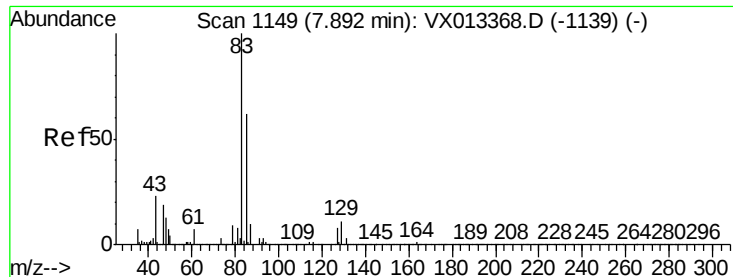
Tot Ion: 63 Resp: 163740
 Ion Ratio Lower Upper
 63 100
 65 32.2 23.8 35.8



#40
 Dibromomethane
 Concen: 19.312 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013372.D
 Acq: 11 Nov 2019 18:26

Tgt Ion: 93 Resp: 106519
 Ion Ratio Lower Upper
 93 100
 95 83.1 0.0 160.8
 174 114.0 0.0 228.8





#41

Bromodichloromethane

Concen: 19.117 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Instrument :

MSVOA_X

ClientSampleId :

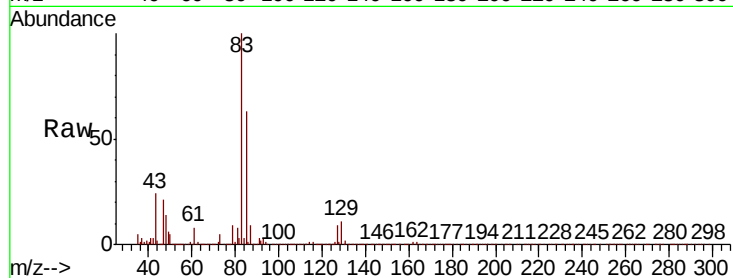
Tot Ion: 83 Resp: 205838

Ion Ratio Lower Upper

83 100

85 63.0 49.3 73.9

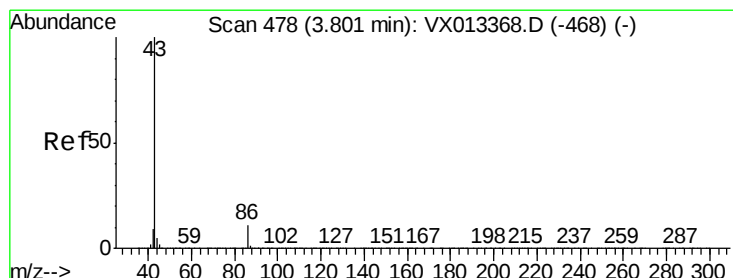
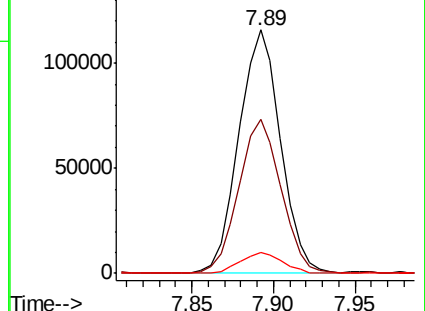
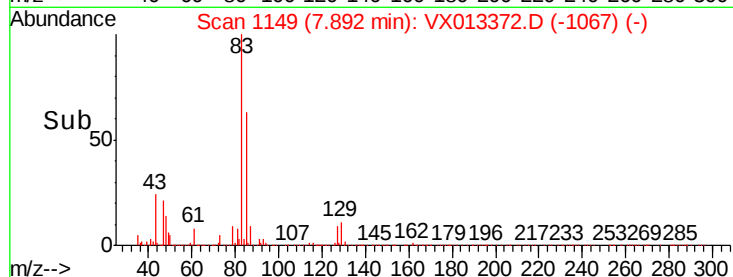
127 8.4 6.6 10.0



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: 97.529 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013372.D

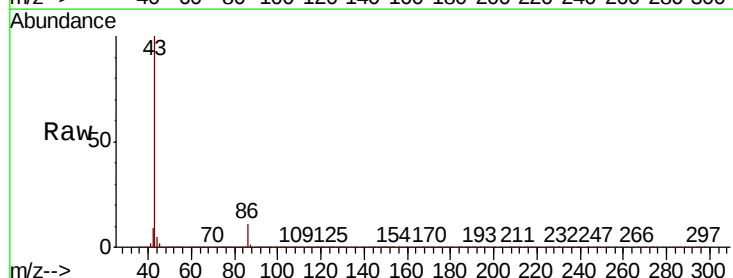
Acq: 11 Nov 2019 18:26

Tgt Ion: 43 Resp: 2141742

Ion Ratio Lower Upper

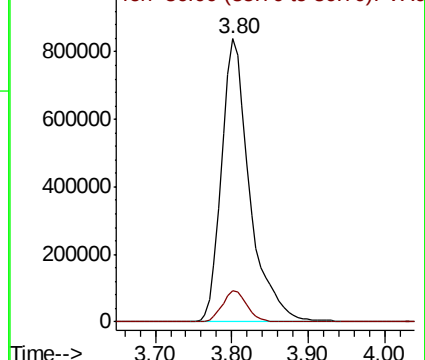
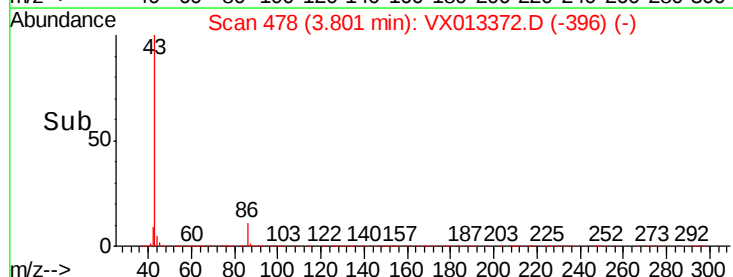
43 100

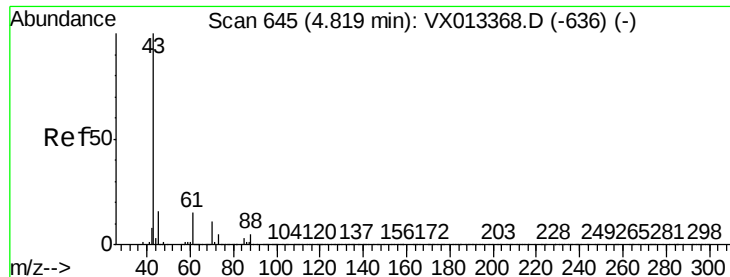
86 9.6 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

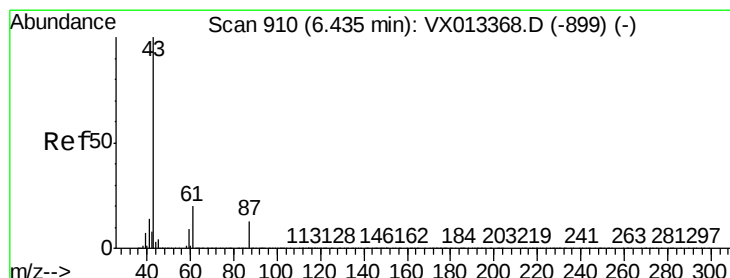
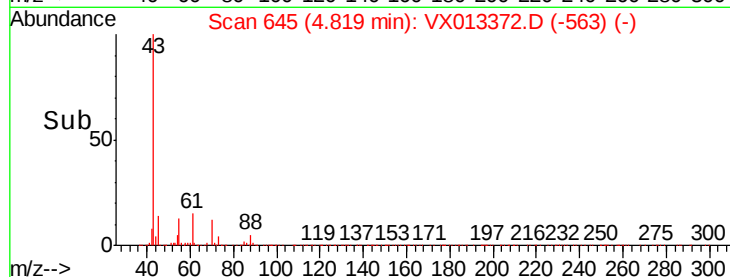
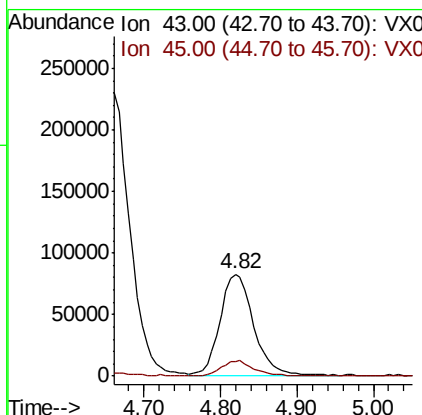
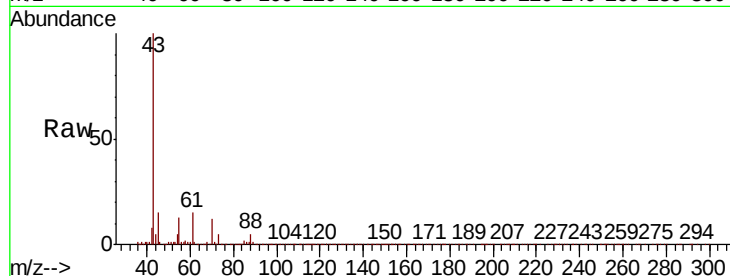




#43
Ethyl Acetate
Concen: 19.682 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

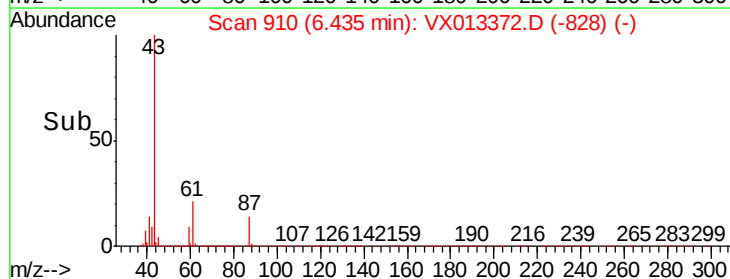
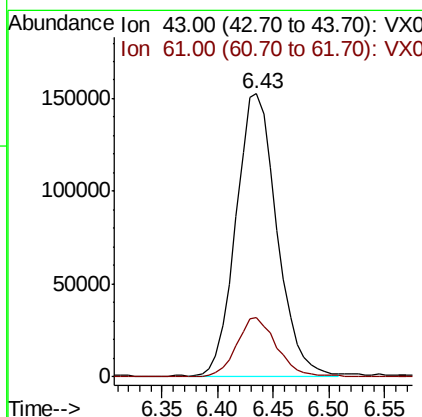
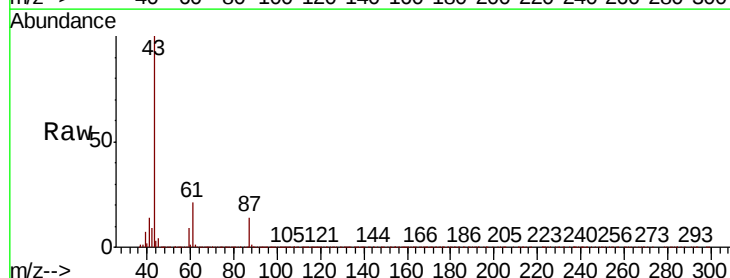
Instrument :
MSVOA_X
ClientSampled :

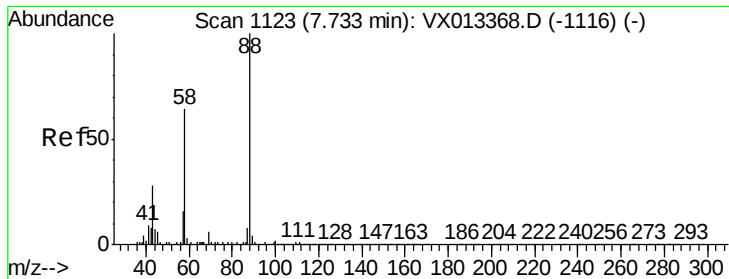
Tot Ion: 43 Resp: 250381
Ion Ratio Lower Upper
43 100
45 14.1 10.9 16.3



#44
Isopropyl Acetate
Concen: 18.944 ug/l
RT: 6.43 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Tgt Ion: 43 Resp: 387397
Ion Ratio Lower Upper
43 100
61 19.9 15.8 23.8





#45

1,4-Dioxane

Concen: 374.182 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Instrument :
MSVOA_X
ClientSampled :

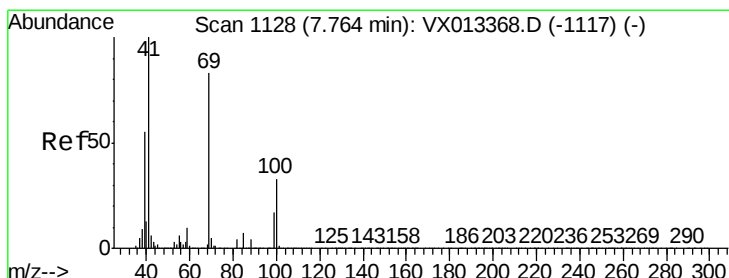
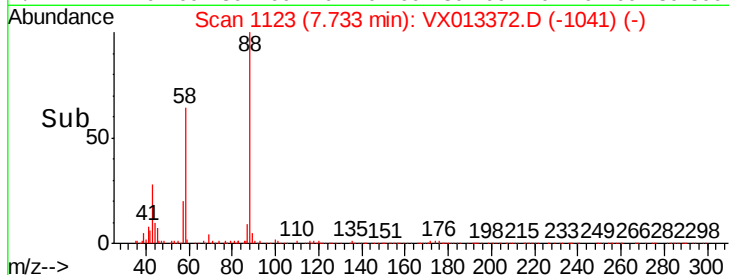
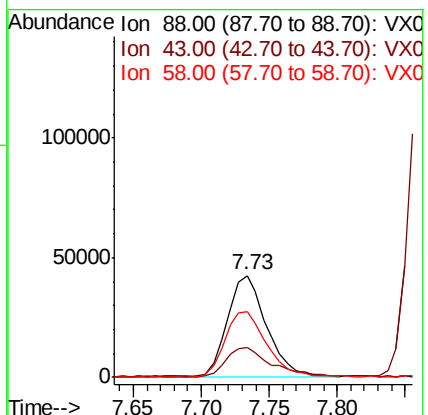
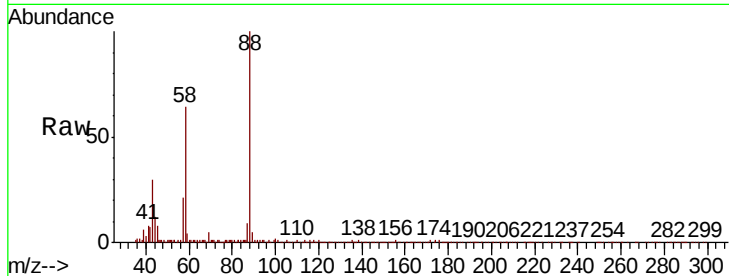
Tot Ion: 88 Resp: 84479

Ion Ratio Lower Upper

88 100

43 35.7 26.1 39.1

58 67.6 55.8 83.8



#46

Methyl methacrylate

Concen: 18.839 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

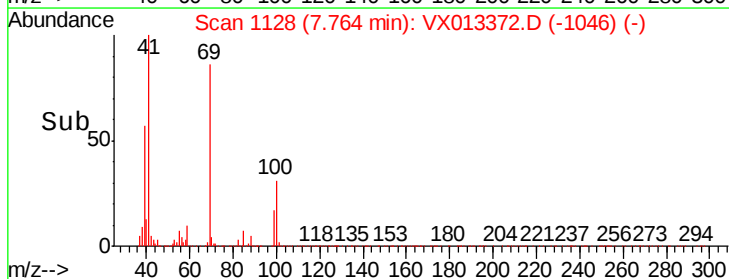
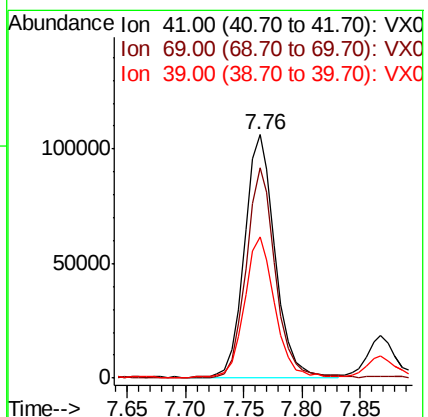
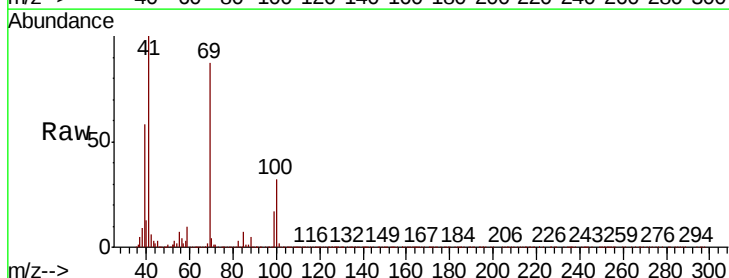
Tgt Ion: 41 Resp: 191631

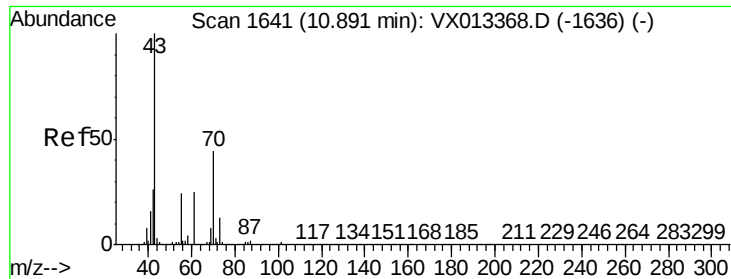
Ion Ratio Lower Upper

41 100

69 86.6 41.4 124.4

39 57.6 27.9 83.6





#47

n-amvl Acetate

Concen: 18.910 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Instrument :

MSVOA_X

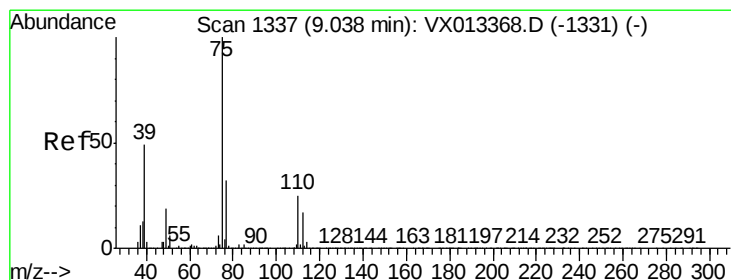
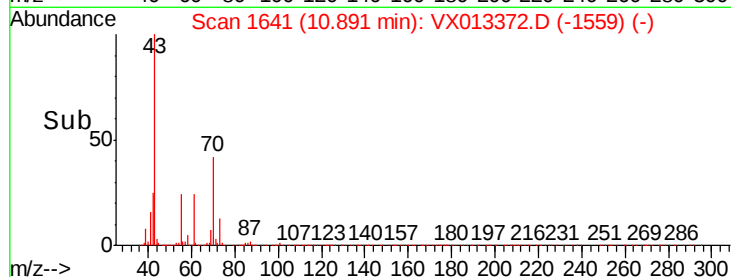
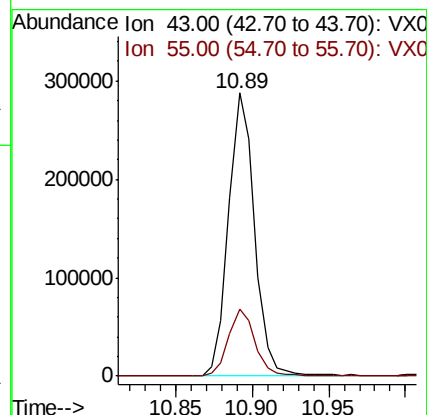
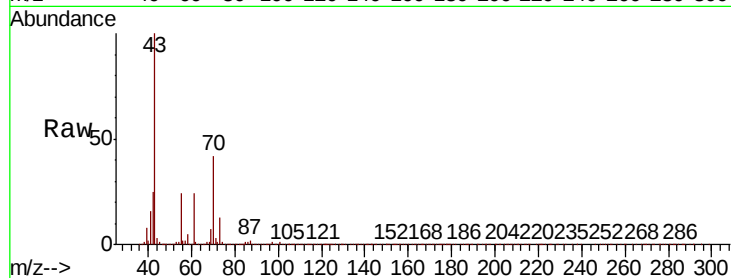
ClientSampleId :

Tot Ion: 43 Resp: 339193

Ion Ratio Lower Upper

43 100

55 24.0 19.0 28.4



#48

t-1,3-Dichloropropene

Concen: 19.233 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX013372.D

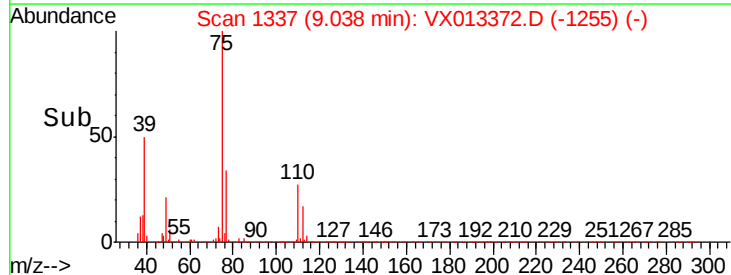
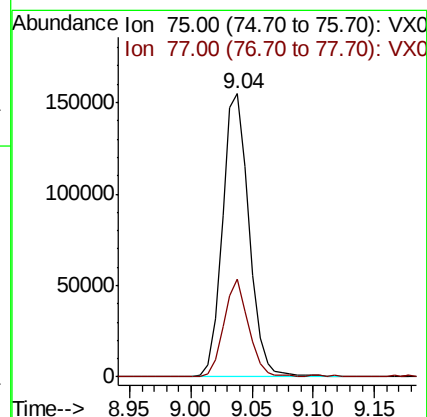
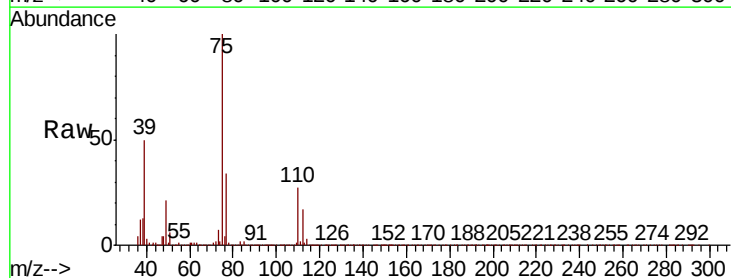
Acq: 11 Nov 2019 18:26

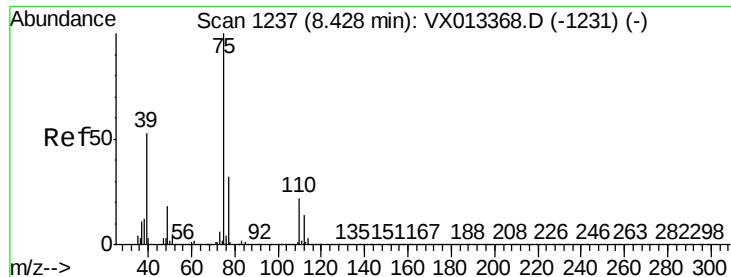
Tgt Ion: 75 Resp: 232212

Ion Ratio Lower Upper

75 100

77 34.1 25.3 37.9



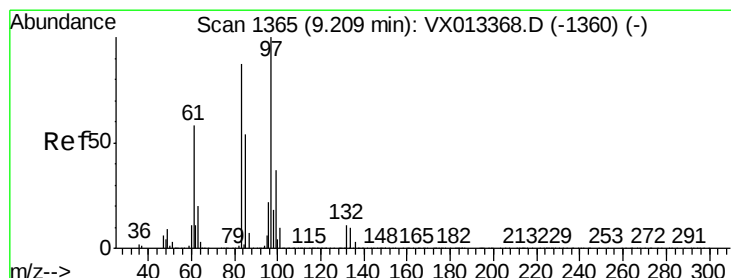
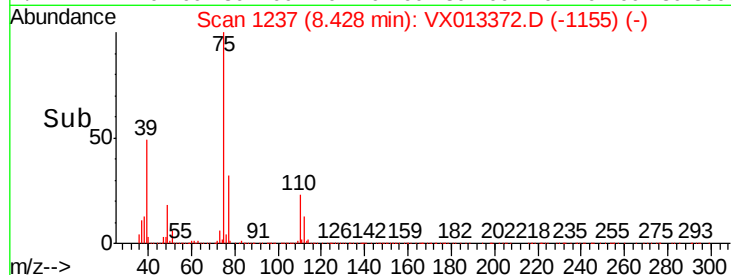
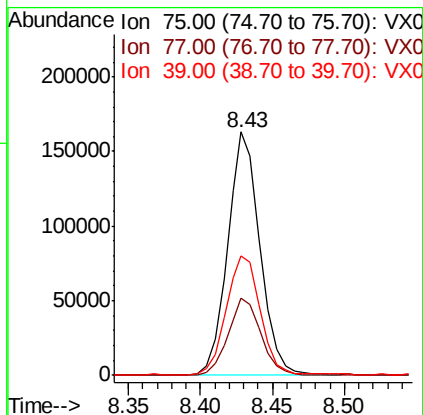
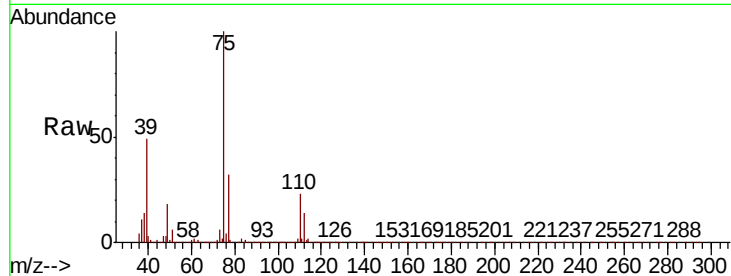


#49

cis-1,3-Dichloropropene
Concen: 19.206 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Instrument :
MSVOA_X
ClientSampleId :

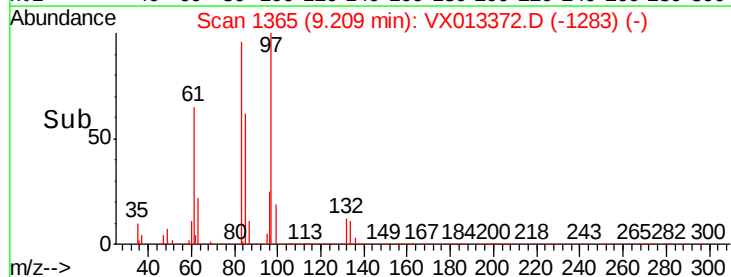
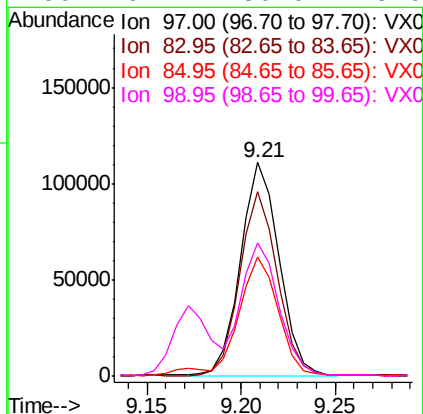
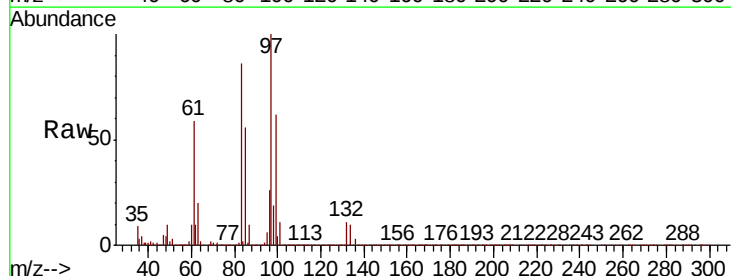
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.8	38.8
39	48.7	42.2	63.4

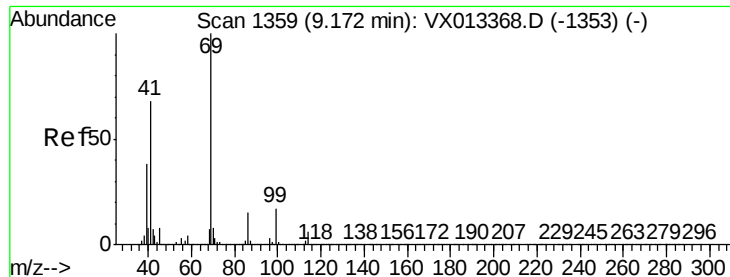


#50

1,1,2-Trichloroethane
Concen: 19.299 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.6	69.6	104.4
85	56.0	45.5	68.3
99	62.4	50.0	75.0





#51

Ethyl methacrylate

Concen: 18.906 ug/l

RT: 9.17 min Scan# 1359

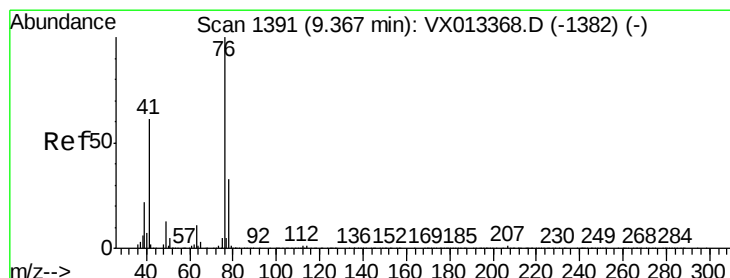
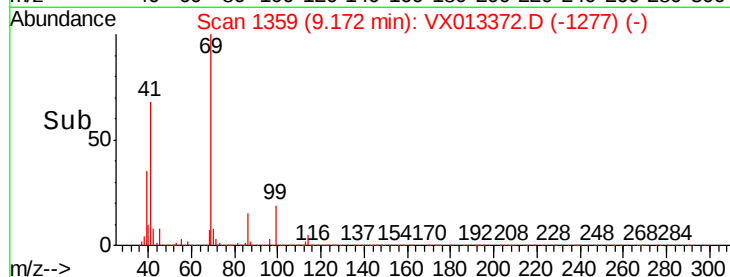
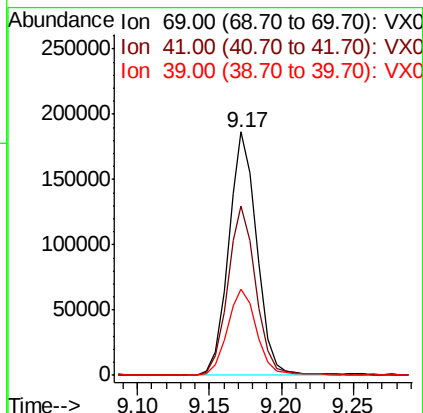
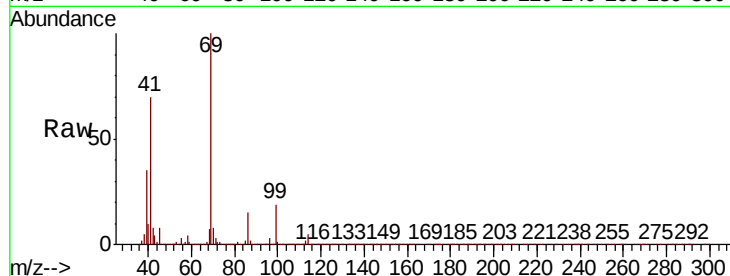
Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	69	Resp:	254065
Ion	Ratio	Lower	Upper
69	100		
41	69.3	33.9	101.6
39	35.2	18.8	56.4



#52

1,3-Dichloropropane

Concen: 19.417 ug/l

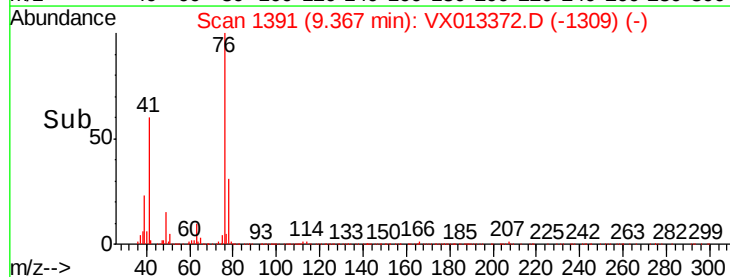
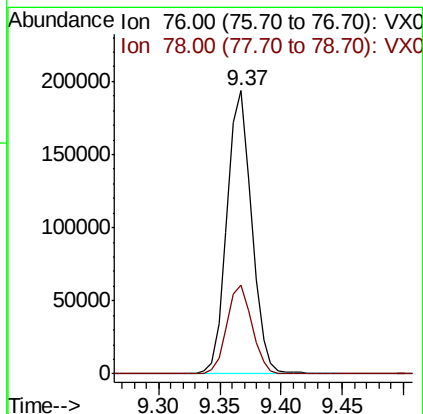
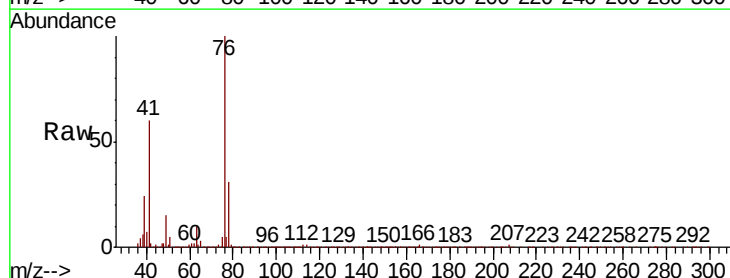
RT: 9.37 min Scan# 1391

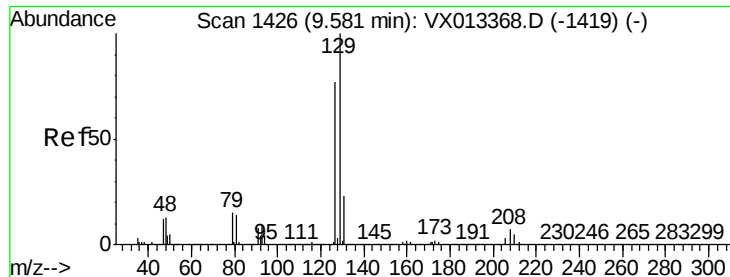
Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Tgt Ion:	76	Resp:	270917
Ion	Ratio	Lower	Upper
76	100		
78	31.5	0.0	63.6





#53

Dibromochloromethane

Concen: 19.121 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

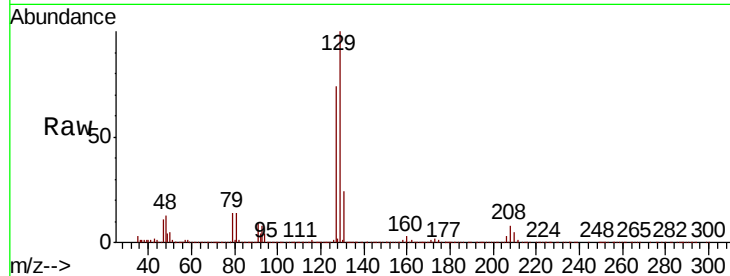
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:129 Resp: 165399

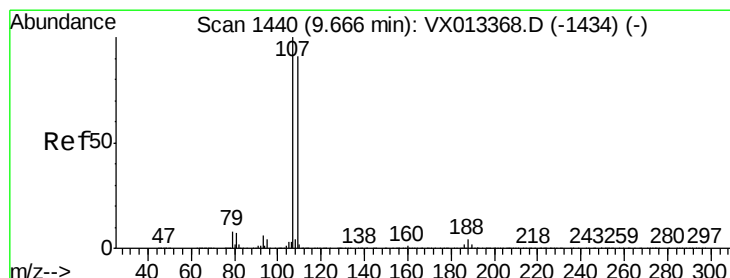
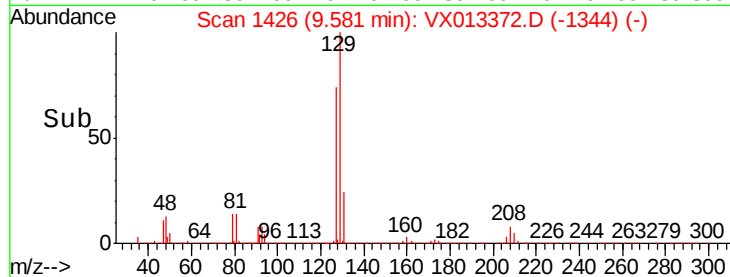
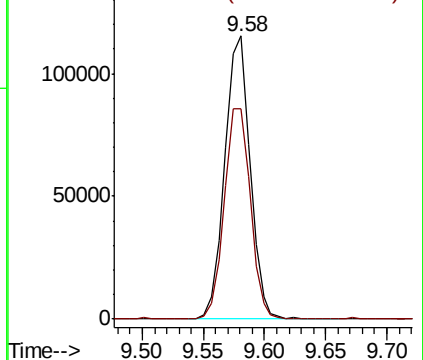
Ion Ratio Lower Upper

129 100

127 76.7 39.6 119.0



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.443 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013372.D

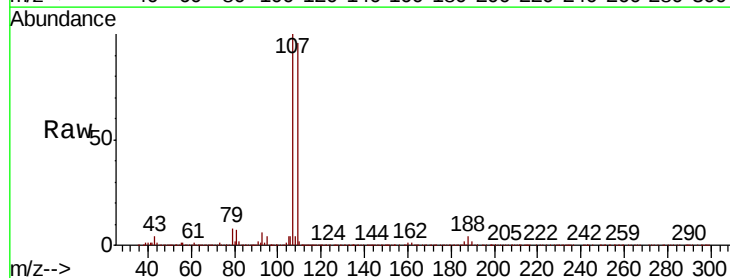
Acq: 11 Nov 2019 18:26

Tgt Ion:107 Resp: 169688

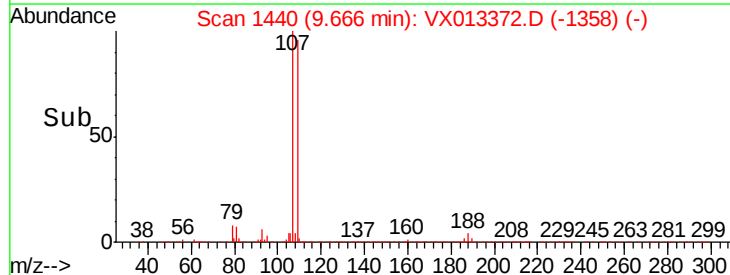
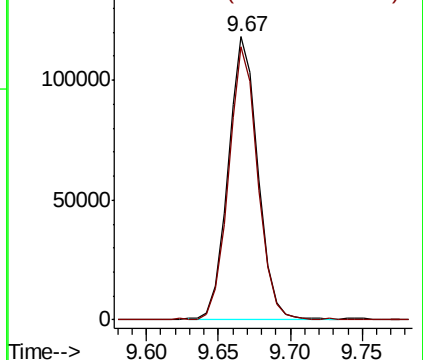
Ion Ratio Lower Upper

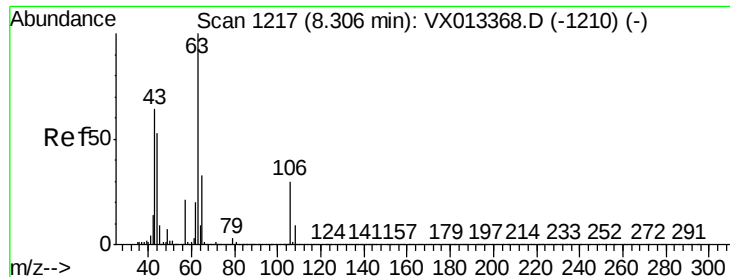
107 100

109 94.2 73.9 110.9



Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 96.454 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Instrument :

MSVOA_X

ClientSampleId :

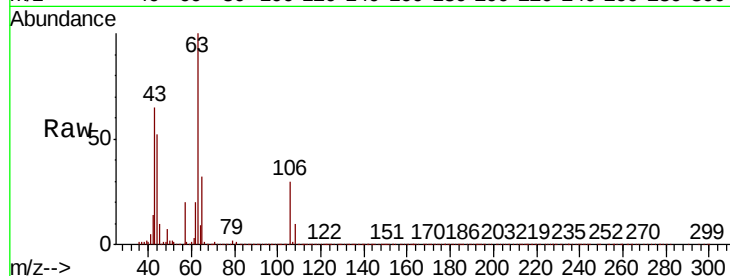
Tot Ion: 63 Resp: 553826

Ion Ratio Lower Upper

63 100

65 31.9 26.0 39.0

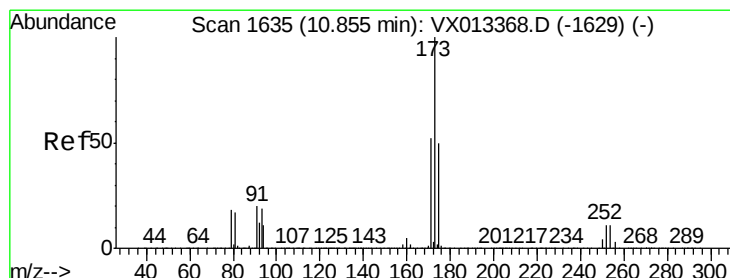
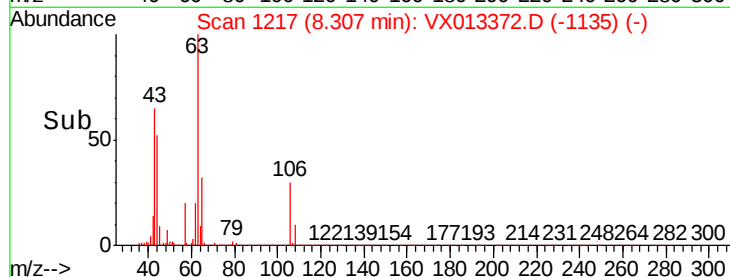
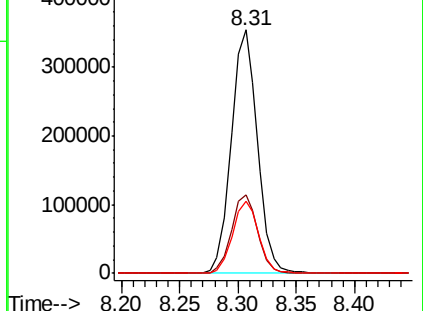
106 29.5 23.5 35.3



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0

Ion 106.00 (105.70 to 106.70): V



#56

Bromoform

Concen: 18.841 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

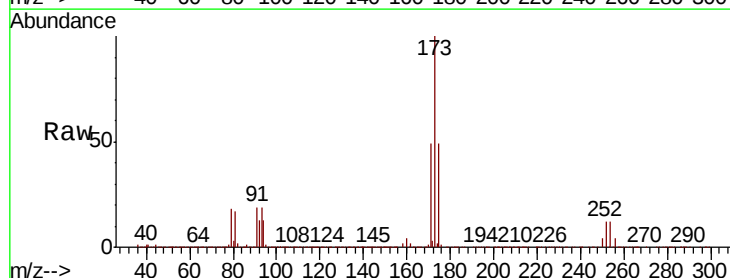
Tgt Ion: 173 Resp: 129700

Ion Ratio Lower Upper

173 100

175 48.5 39.4 59.0

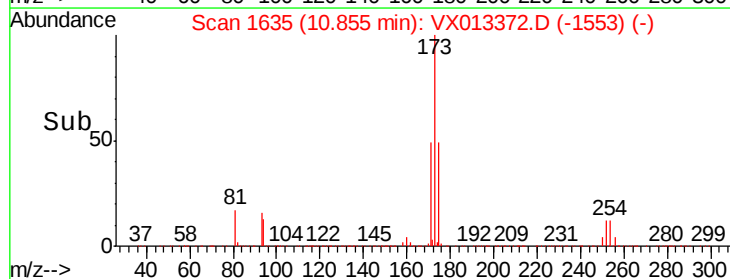
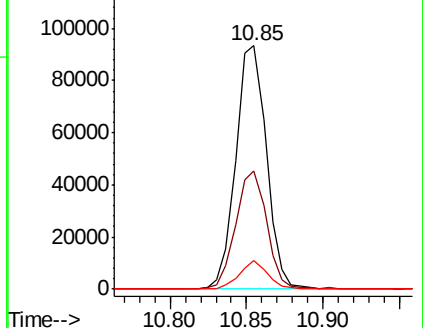
254 10.9 8.6 12.8

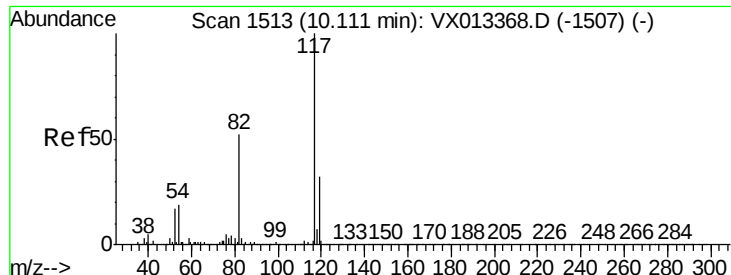


Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V

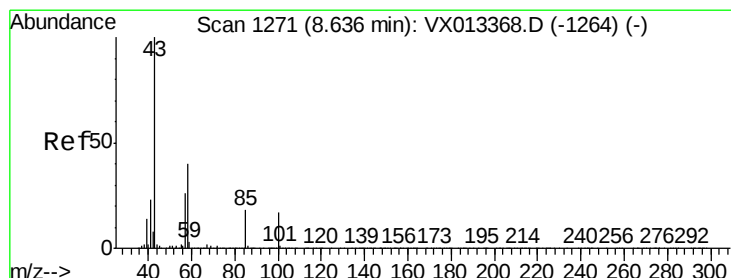
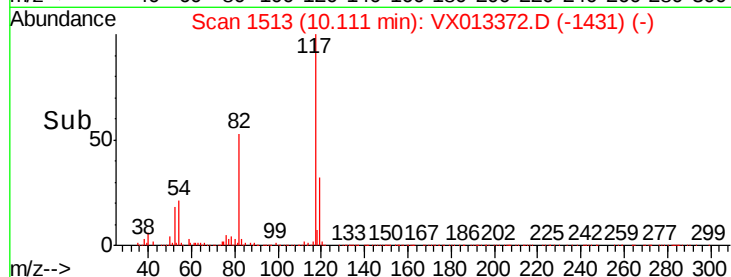
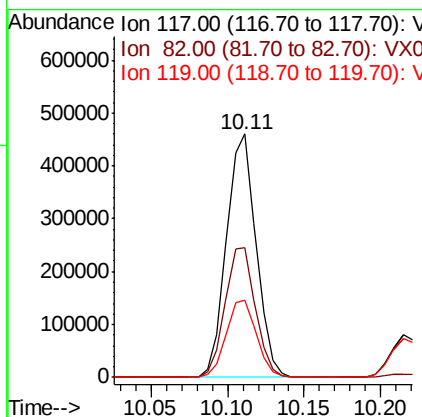
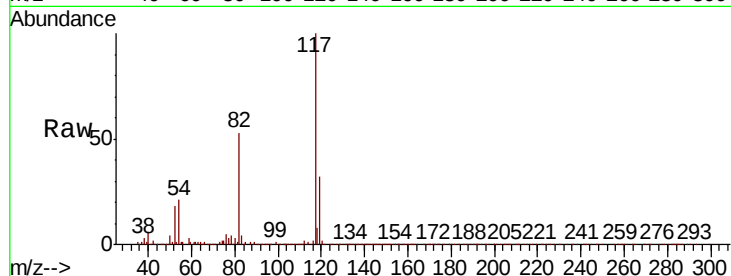




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

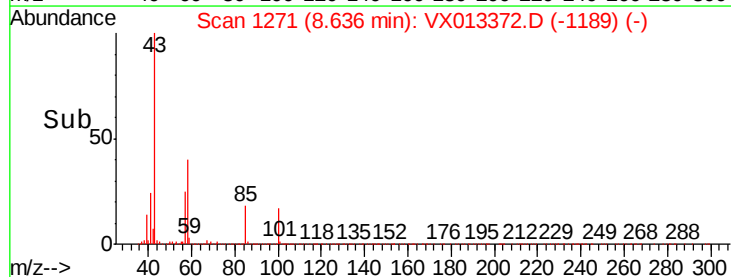
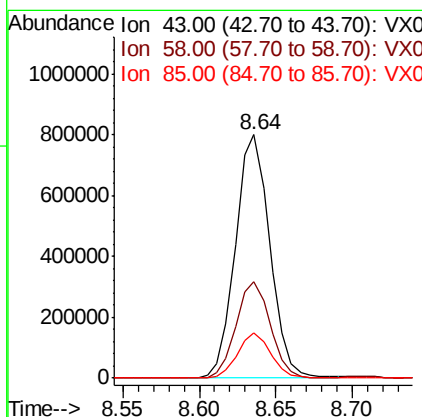
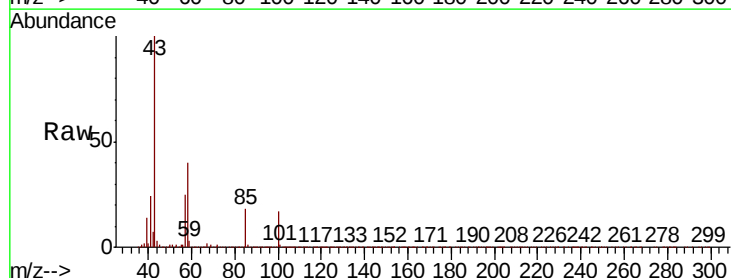
Instrument :
MSVOA_X
ClientSampleId :

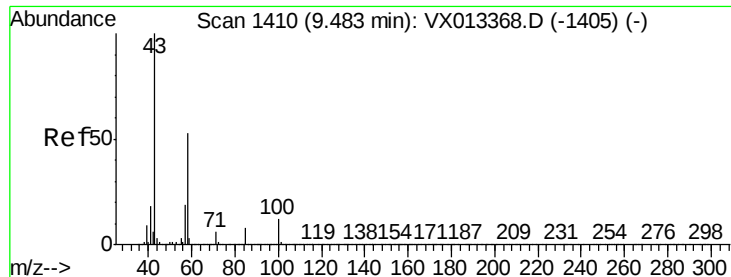
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.7	65.5
119	32.2	25.5	38.3



#58
4-Methyl-2-Pentanone
Concen: 96.598 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.8	31.6	47.4
85	18.1	14.2	21.2

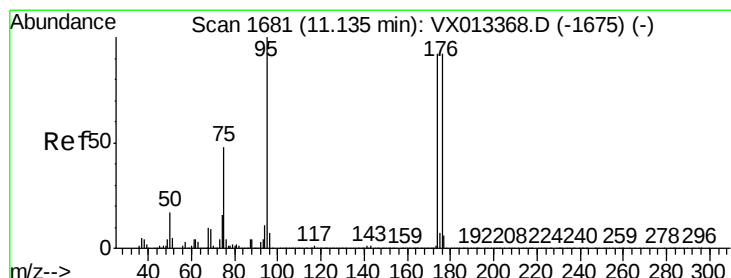
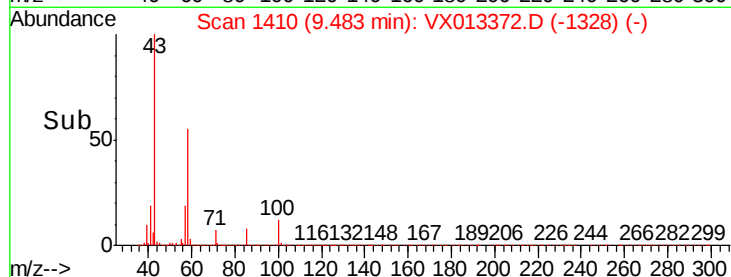
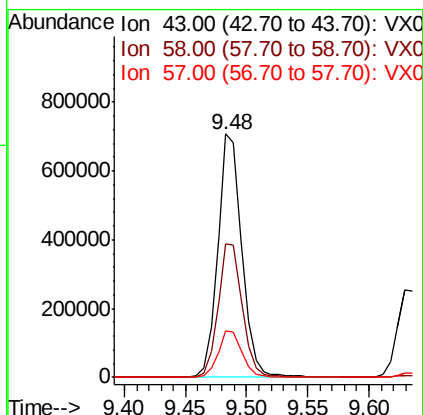
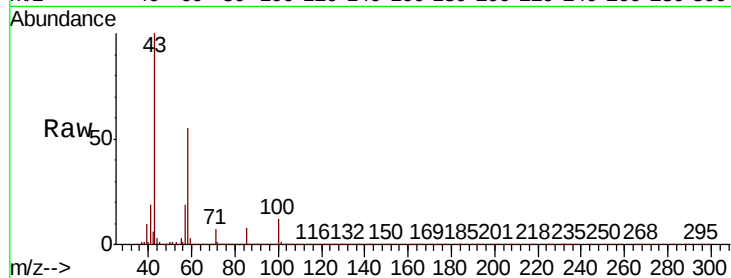




#59
2-Hexanone
Concen: 94.575 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

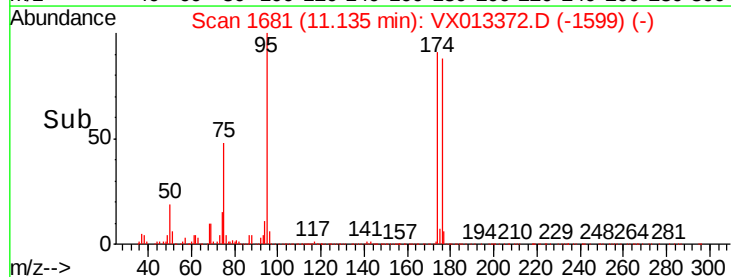
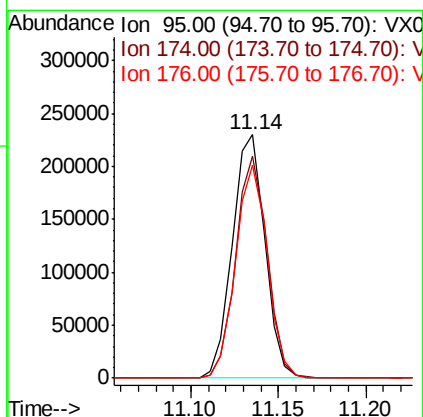
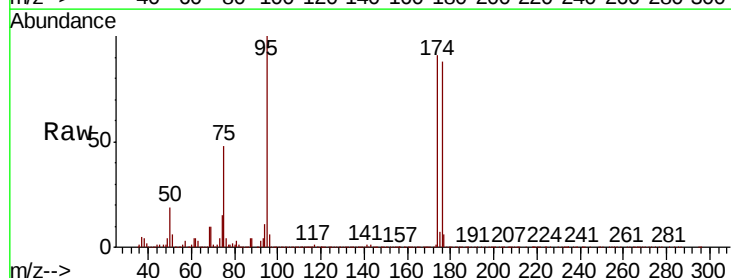
Instrument :
MSVOA_X
ClientSampleId :

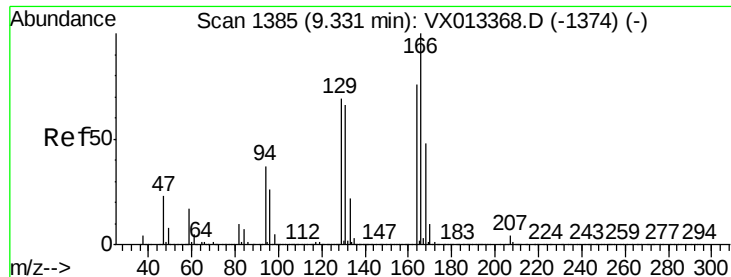
Tot Ion	Ratio	Lower	Upper
43	100		
58	55.2	43.8	65.6
57	18.9	15.1	22.7



#60
4-Bromofluorobenzene
Concen: 29.917 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.0	70.2	105.2
176	86.0	68.3	102.5





#61

Tetrachloroethene

Concen: 19.440 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 148463

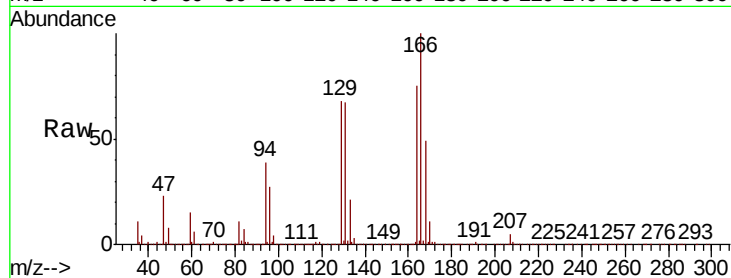
Ion Ratio Lower Upper

164 100

166 134.1 104.9 157.3

129 91.4 72.3 108.5

131 89.5 69.0 103.6

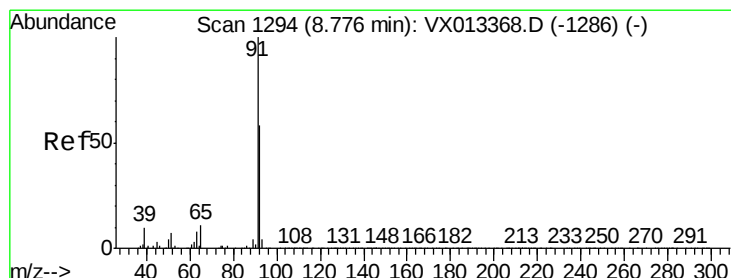
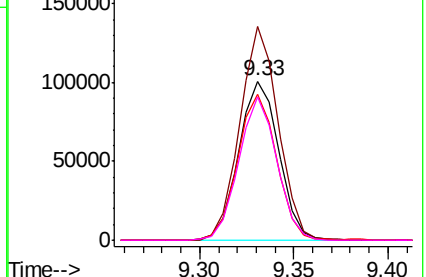
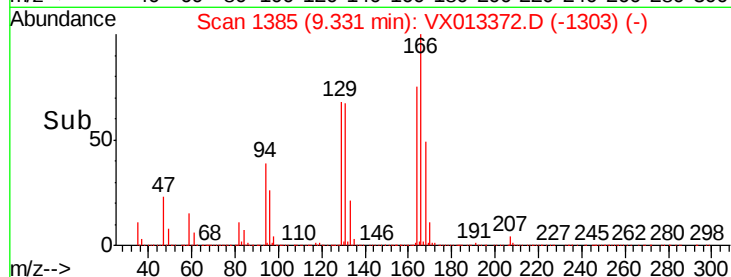


Abundance Ion 163.85 (163.55 to 164.55): V

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



#62

Toluene

Concen: 19.489 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX013372.D

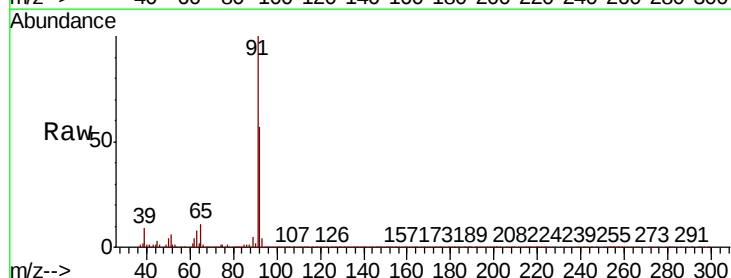
Acq: 11 Nov 2019 18:26

Tgt Ion: 91 Resp: 672340

Ion Ratio Lower Upper

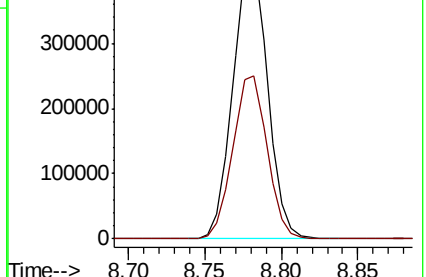
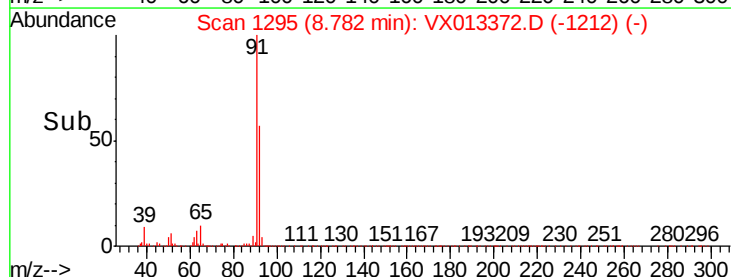
91 100

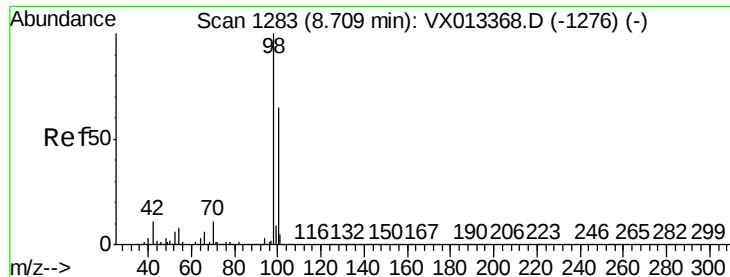
92 57.9 46.6 69.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

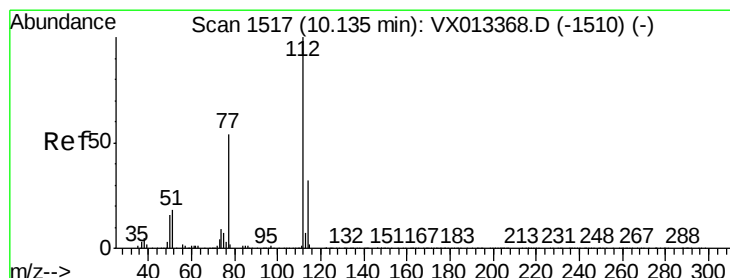
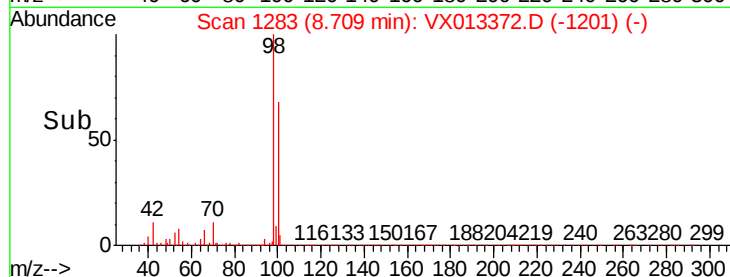
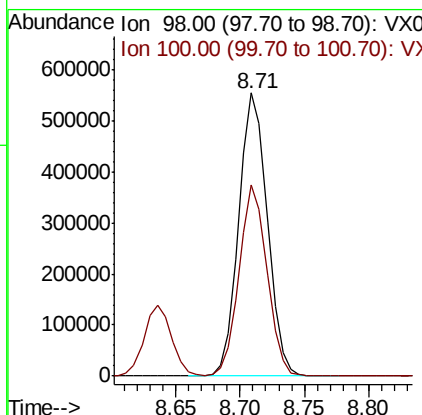
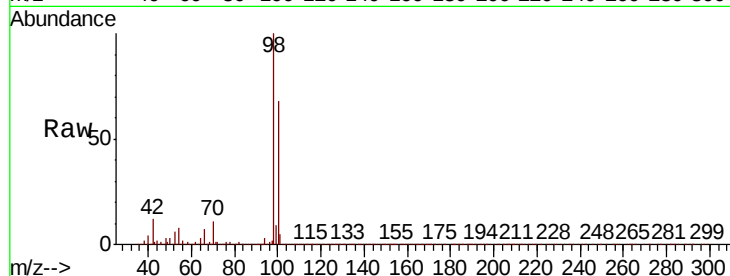




#63
Toluene-d8
Concen: 30.376 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

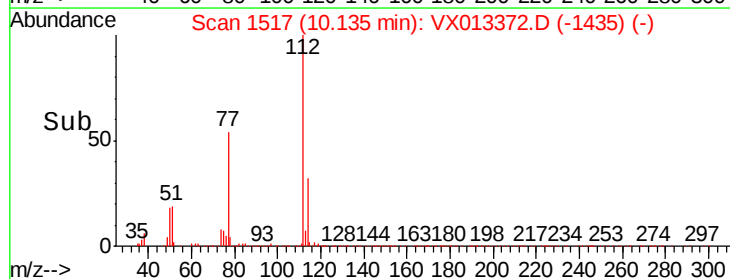
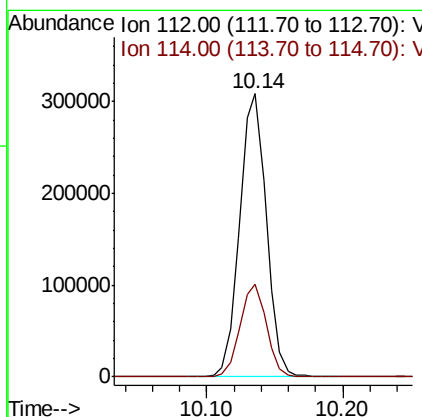
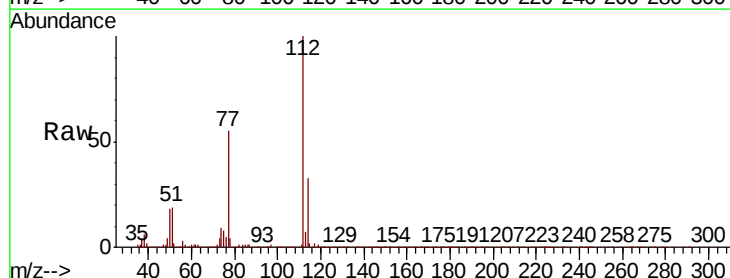
Instrument :
MSVOA_X
ClientSampleId :

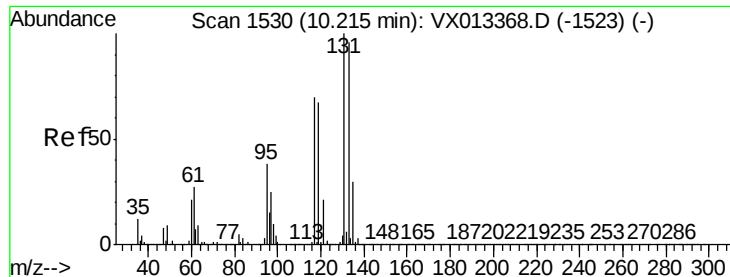
Tot Ion: 98 Resp: 850711
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7



#64
Chlorobenzene
Concen: 19.515 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Tgt Ion: 112 Resp: 420942
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5





#65

1,1,1,2-Tetrachloroethane

Concen: 19.186 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Instrument :

MSVOA_X

ClientSampleId :

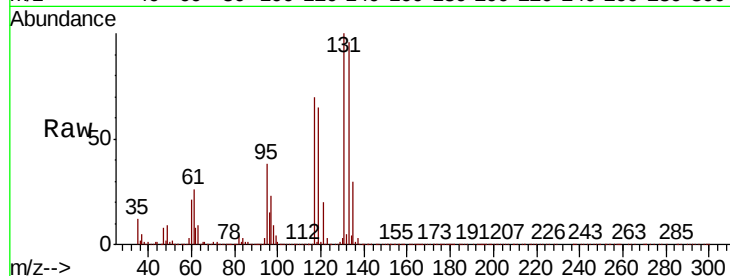
Tot Ion:131 Resp: 154908

Ion Ratio Lower Upper

131 100

133 96.4 0.0 192.2

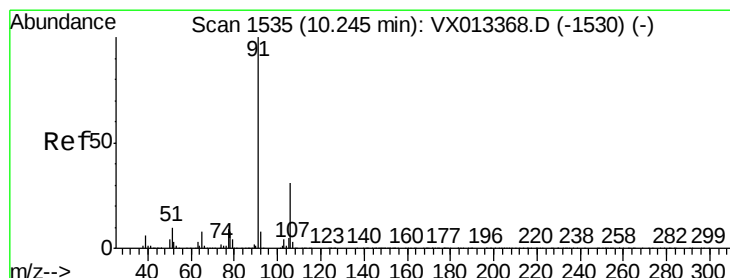
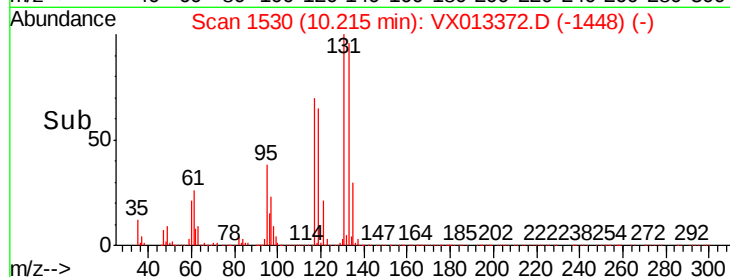
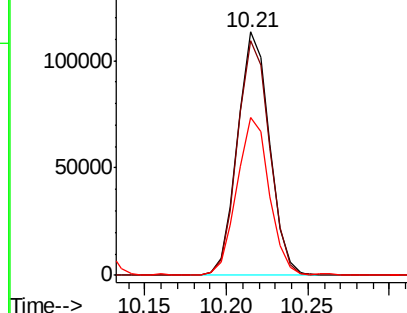
119 65.3 0.0 134.4



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: 19.548 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013372.D

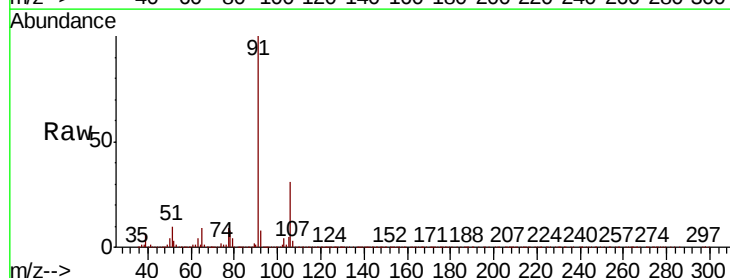
Acq: 11 Nov 2019 18:26

Tgt Ion: 91 Resp: 740843

Ion Ratio Lower Upper

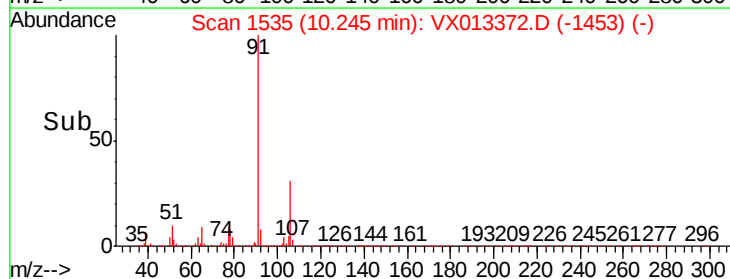
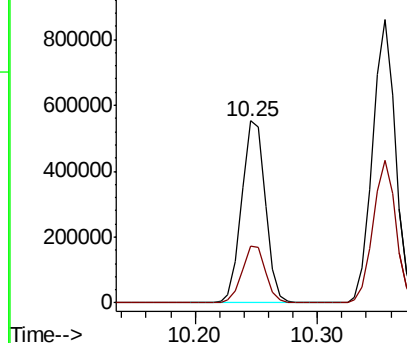
91 100

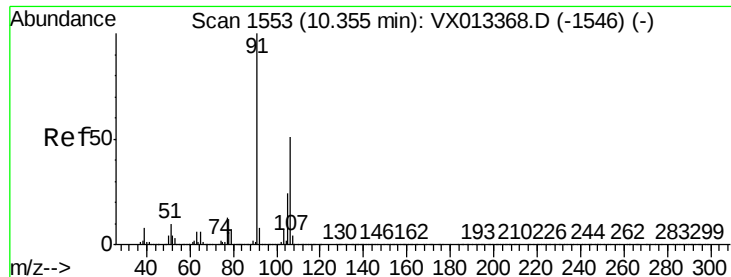
106 31.0 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

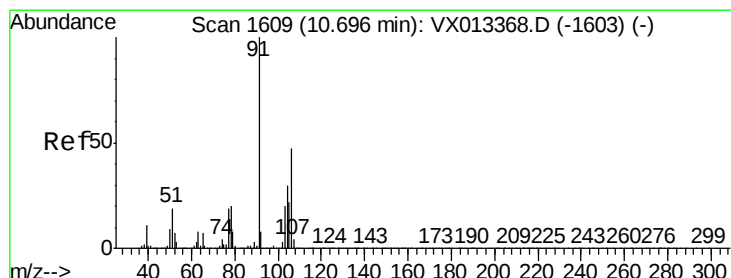
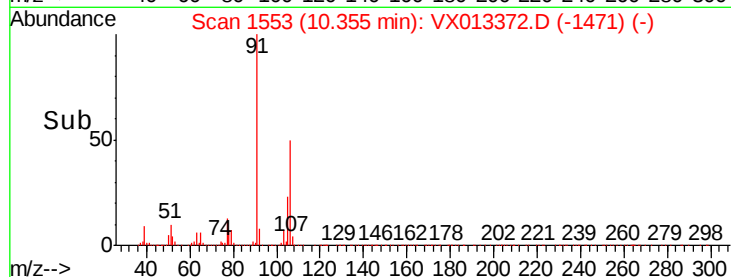
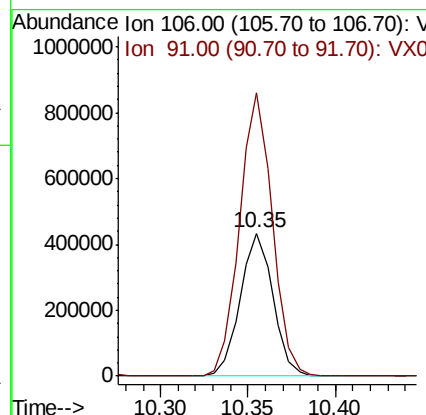
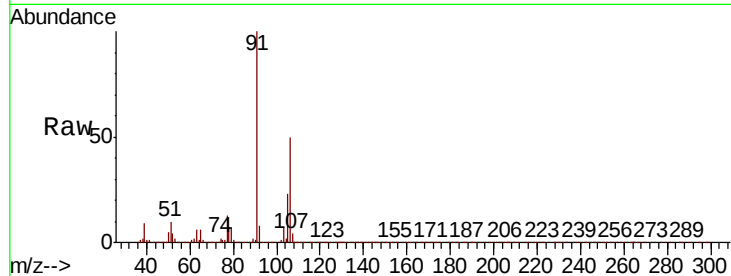




#67
m/p-Xylenes
Concen: 38.786 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

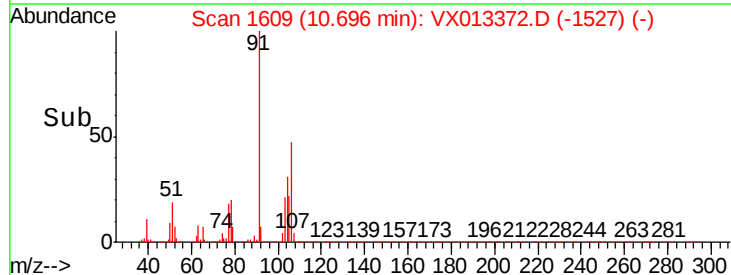
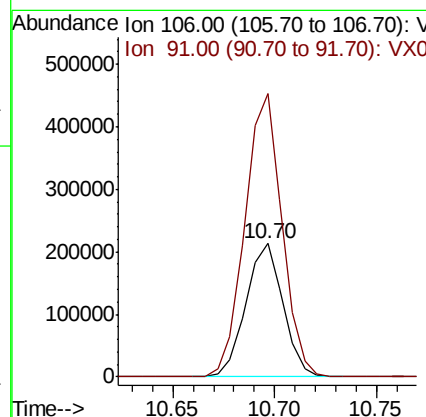
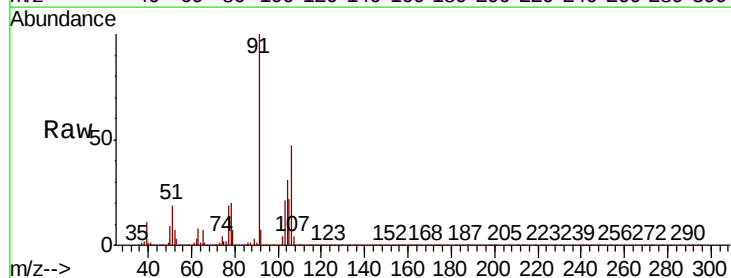
Instrument :
MSVOA_X
ClientSampleId :

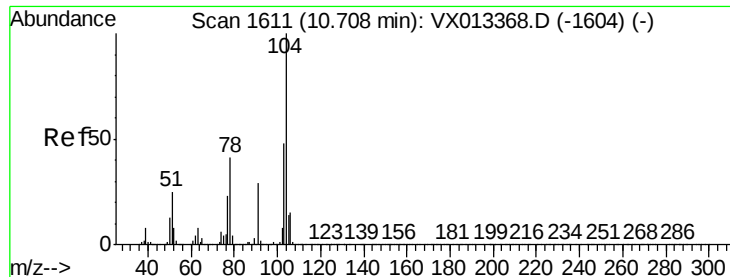
Tot Ion:106 Resp: 567017
Ion Ratio Lower Upper
106 100
91 197.8 158.4 237.6



#68
o-Xylene
Concen: 18.965 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Tgt Ion:106 Resp: 267573
Ion Ratio Lower Upper
106 100
91 213.3 106.4 319.2

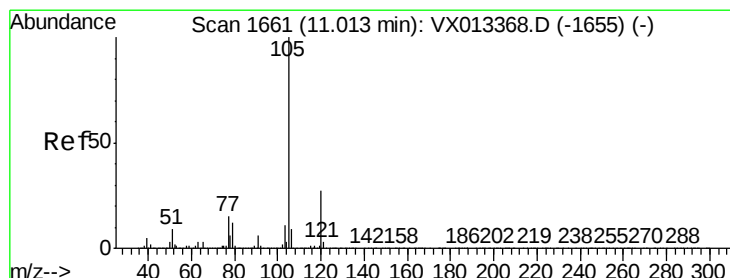
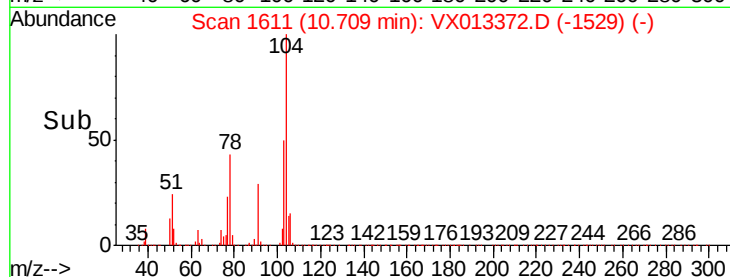
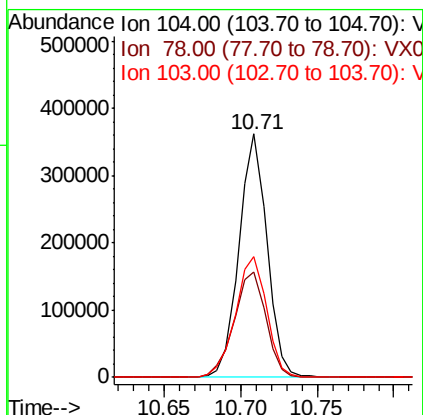
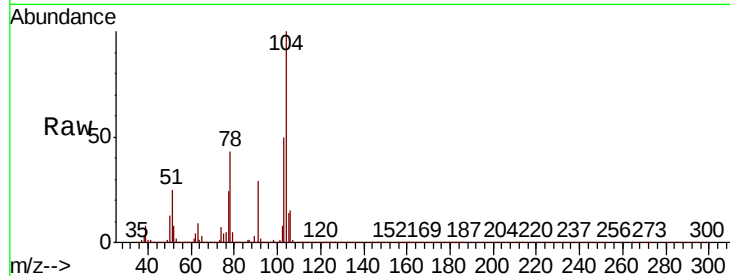




#69
Stvrene
Concen: 19.112 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

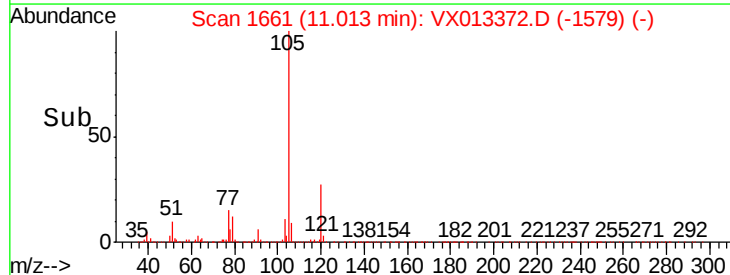
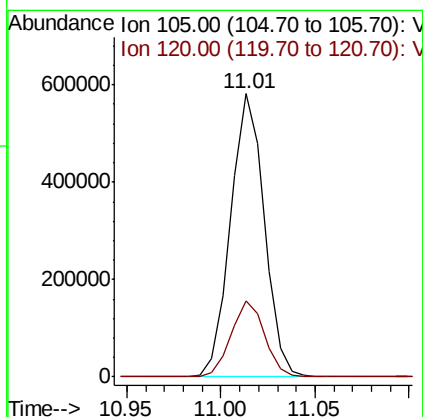
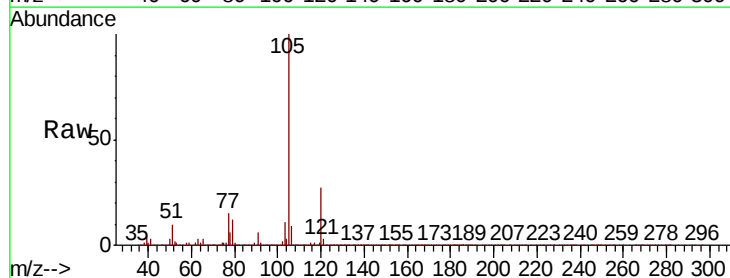
Instrument :
MSVOA_X
ClientSampleId :

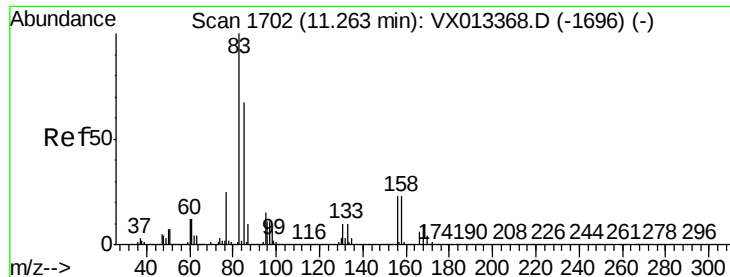
Tot Ion	Ratio	Lower	Upper
104	100		
78	49.2	38.2	57.4
103	55.1	43.2	64.8



#70
Isopropylbenzene
Concen: 19.407 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.6	18.8	34.8





#71

1,1,2,2-Tetrachloroethane

Concen: 19.144 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Instrument :

MSVOA_X

ClientSampled :

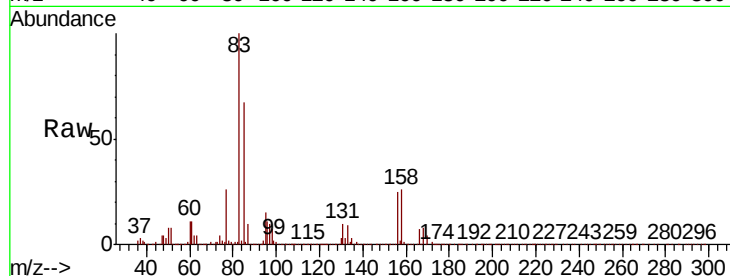
Tot Ion: 83 Resp: 254840

Ion Ratio Lower Upper

83 100

131 9.9 4.7 14.1

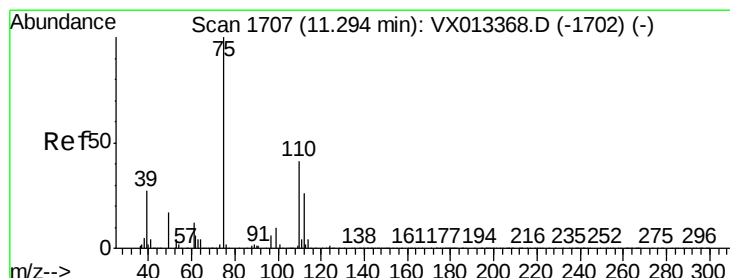
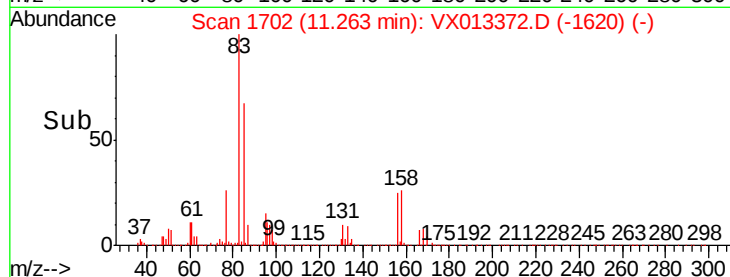
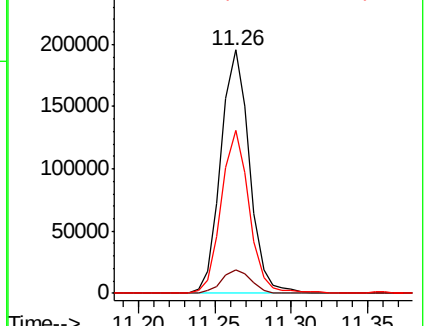
85 65.2 32.6 97.7



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 25.905 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX013372.D

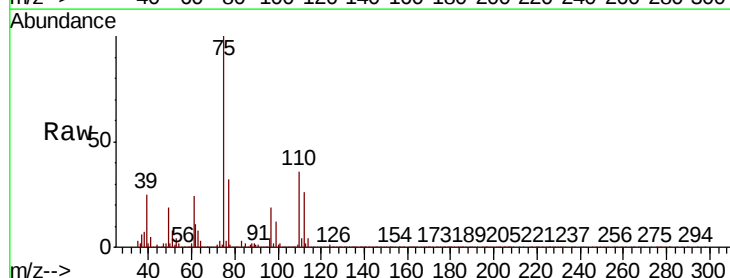
Acq: 11 Nov 2019 18:26

Tgt Ion: 75 Resp: 291169

Ion Ratio Lower Upper

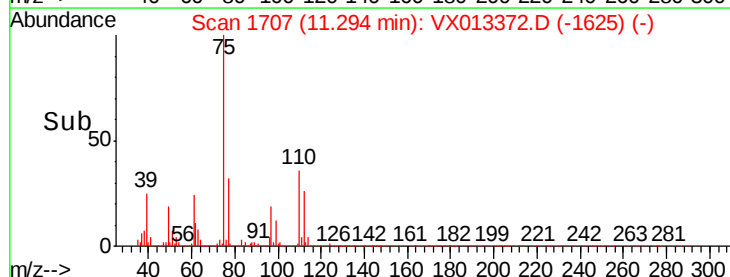
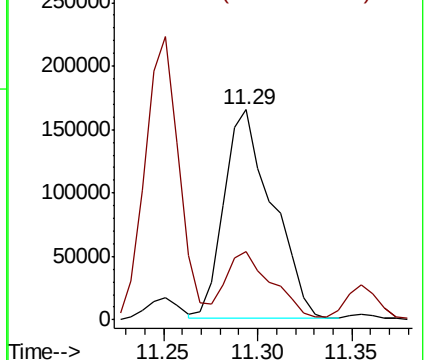
75 100

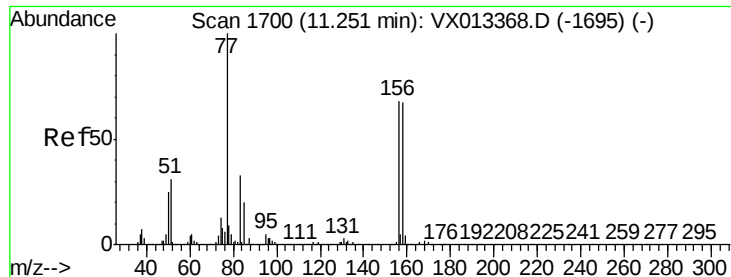
77 28.7 0.0 86.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 19.274 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Instrument :

MSVOA_X

ClientSampleId :

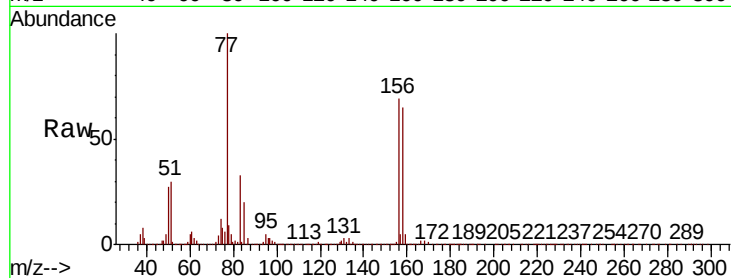
Tot Ion:156 Resp: 188962

Ion Ratio Lower Upper

156 100

77 149.8 0.0 308.8

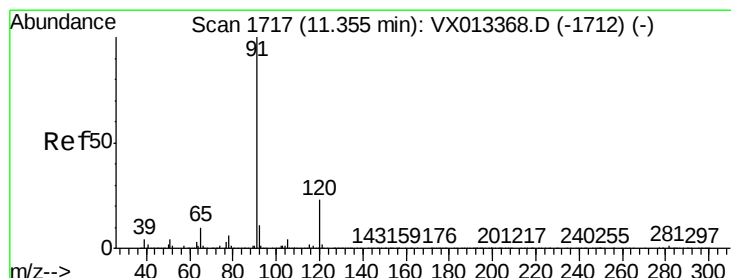
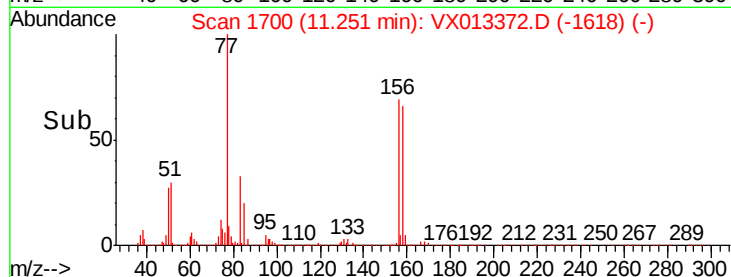
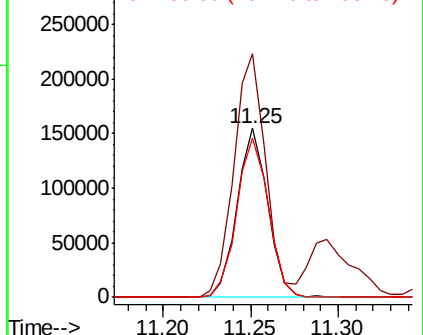
158 97.6 0.0 197.0



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: 19.355 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013372.D

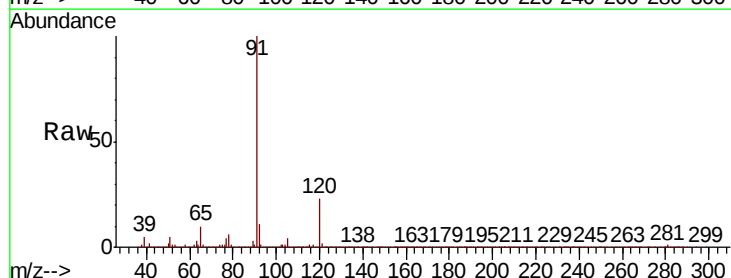
Acq: 11 Nov 2019 18:26

Tgt Ion: 91 Resp: 817746

Ion Ratio Lower Upper

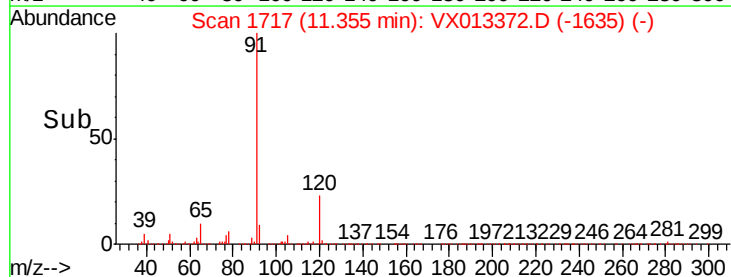
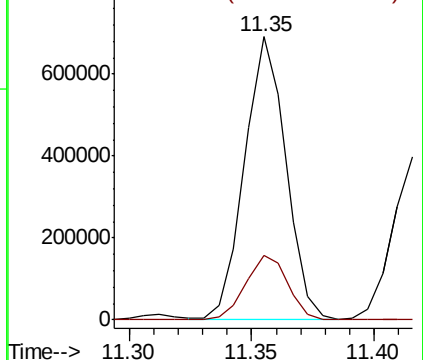
91 100

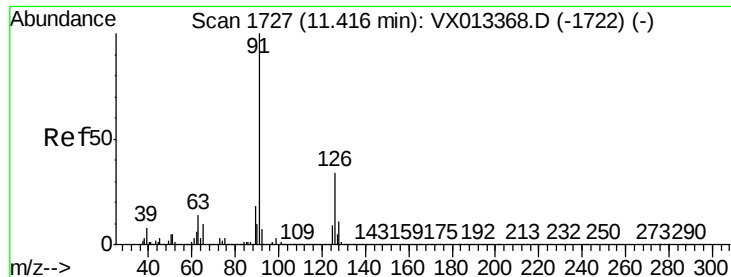
120 23.0 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.235 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Instrument :

MSVOA_X

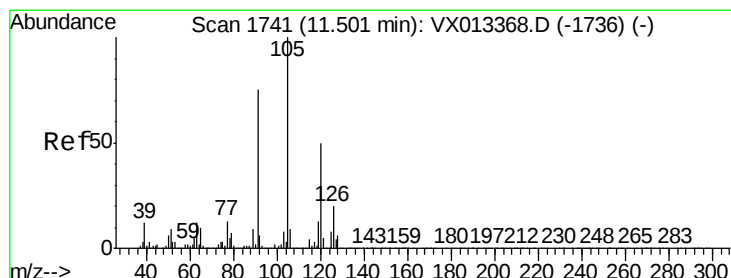
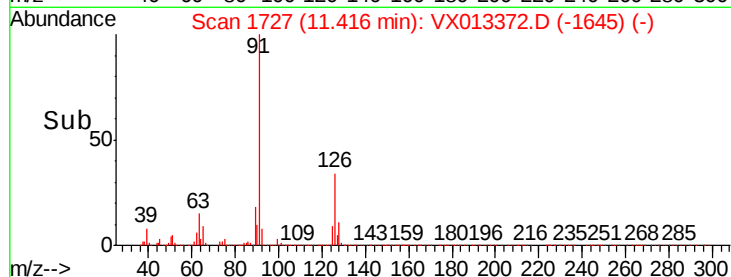
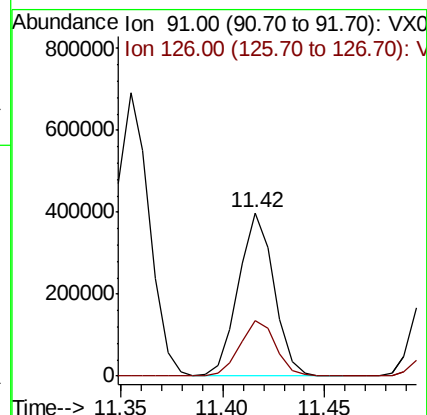
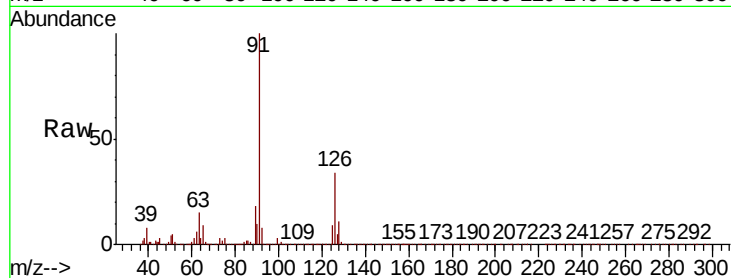
ClientSampleId :

Tot Ion: 91 Resp: 483258

Ion Ratio Lower Upper

91 100

126 34.4 0.0 69.0



#76

1,3,5-Trimethylbenzene

Concen: 19.092 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013372.D

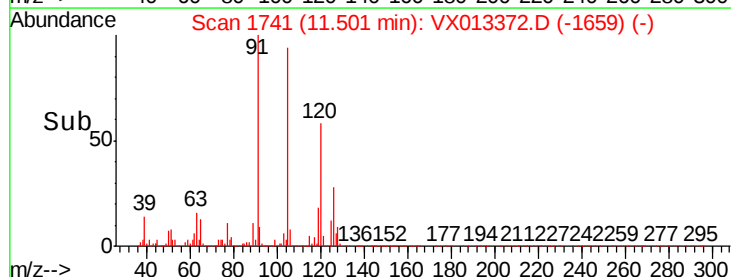
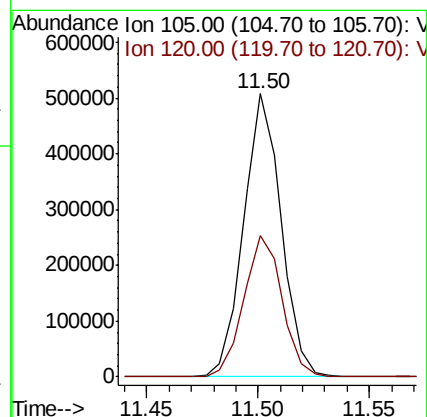
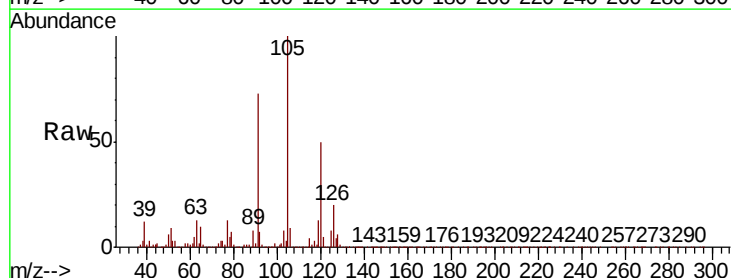
Acq: 11 Nov 2019 18:26

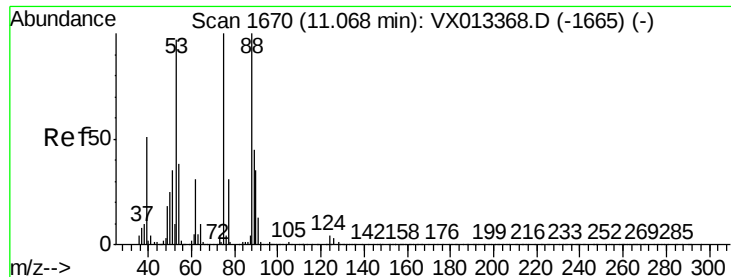
Tgt Ion: 105 Resp: 596607

Ion Ratio Lower Upper

105 100

120 51.0 0.0 100.0





#77

t-1,4-Dichloro-2-butene

Concen: 18.416 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Instrument :

MSVOA_X

ClientSampleId :

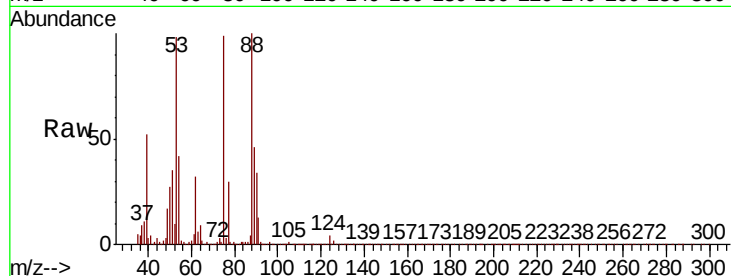
Tot Ion: 75 Resp: 83696

Ion Ratio Lower Upper

75 100

53 99.0 48.8 146.3

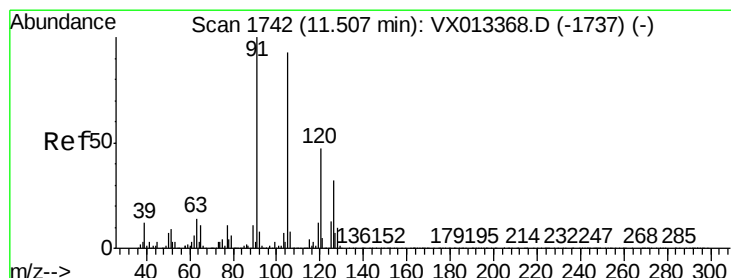
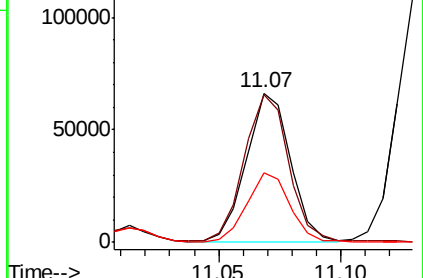
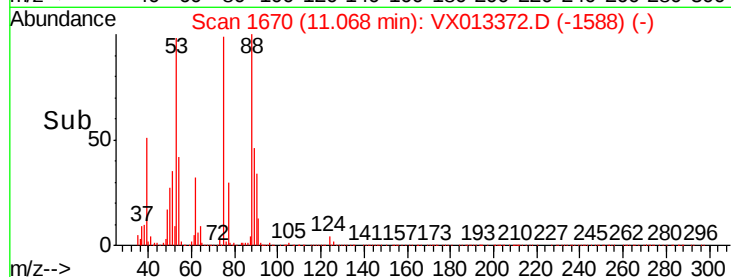
89 45.8 22.3 66.8



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: 19.131 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX013372.D

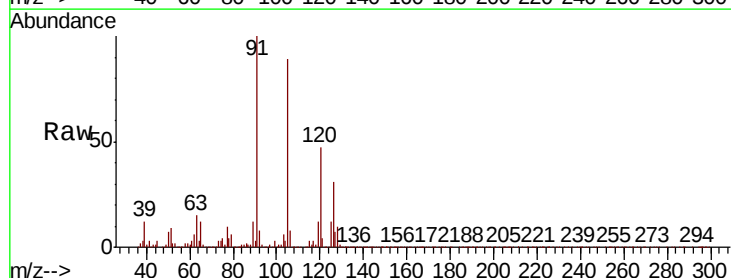
Acq: 11 Nov 2019 18:26

Tgt Ion: 91 Resp: 550696

Ion Ratio Lower Upper

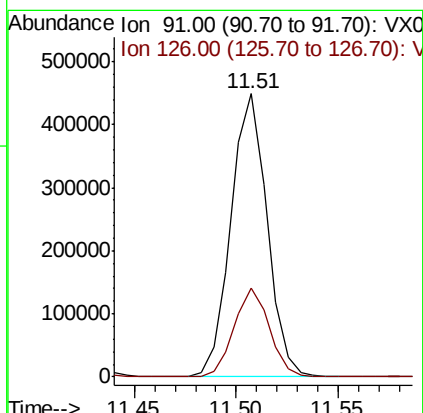
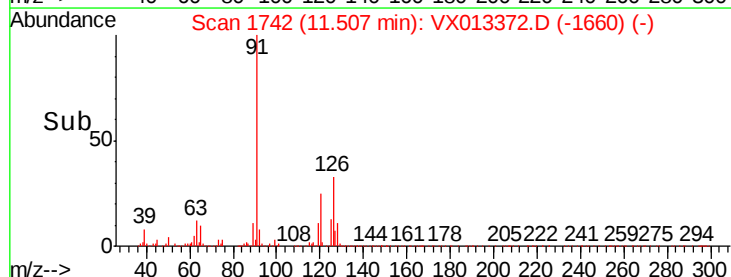
91 100

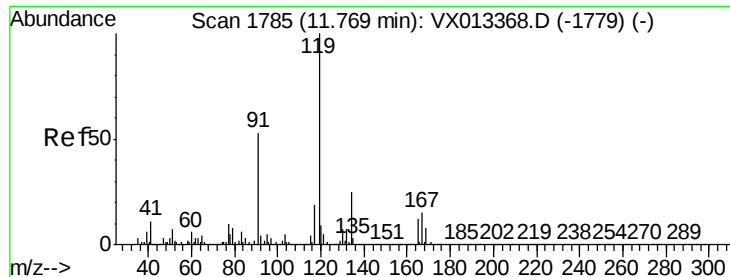
126 30.7 0.0 61.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V





#79

tert-butylbenzene

Concen: 18.971 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Instrument :

MSVOA_X

ClientSampled :

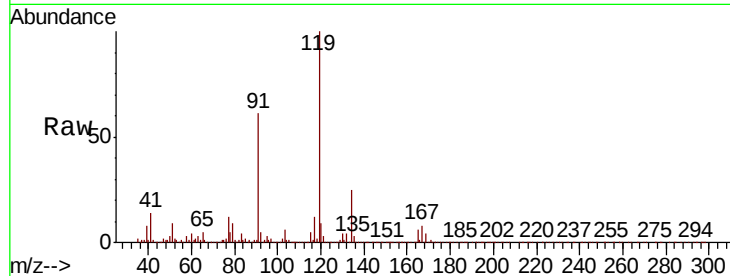
Tot Ion:119 Resp: 598134

Ion Ratio Lower Upper

119 100

91 54.3 0.0 109.6

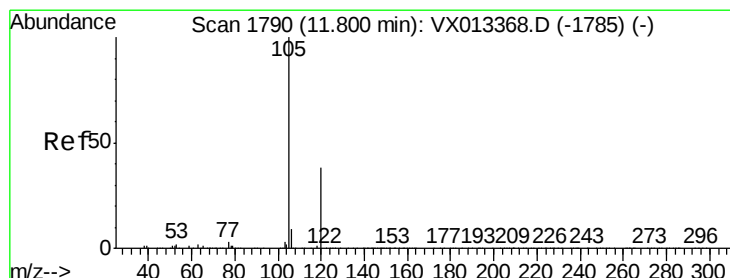
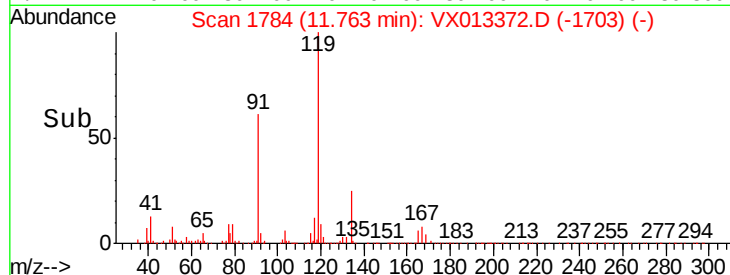
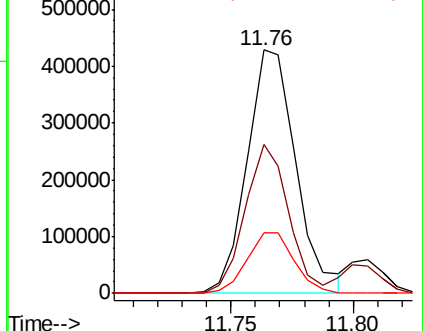
134 23.9 0.0 47.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 19.068 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.01 min

Lab File: VX013372.D

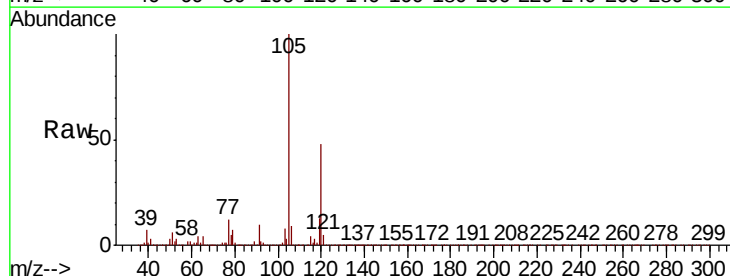
Acq: 11 Nov 2019 18:26

Tgt Ion:105 Resp: 593776

Ion Ratio Lower Upper

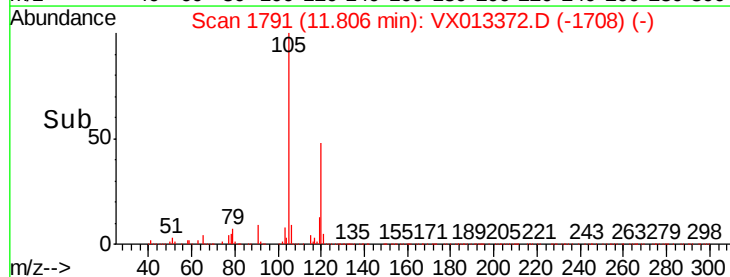
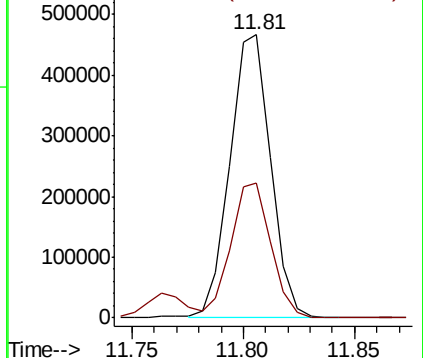
105 100

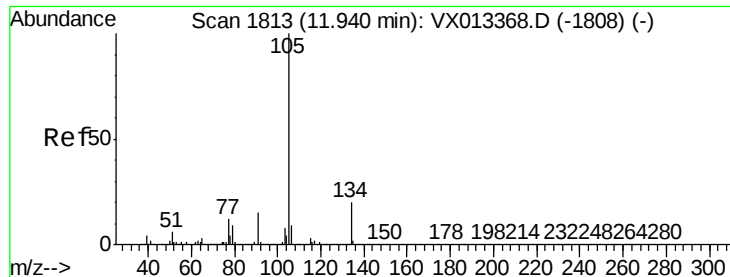
120 46.9 0.0 94.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

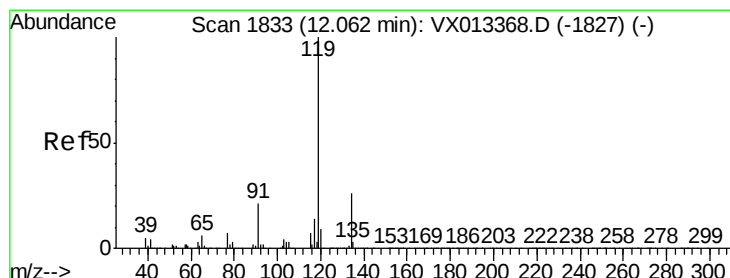
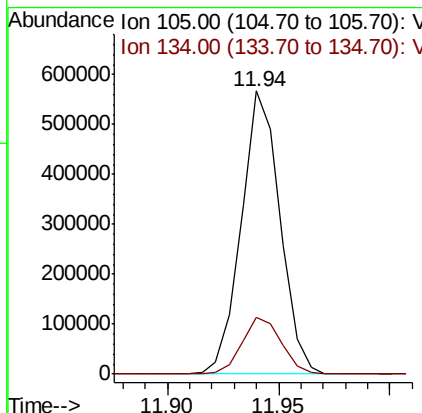
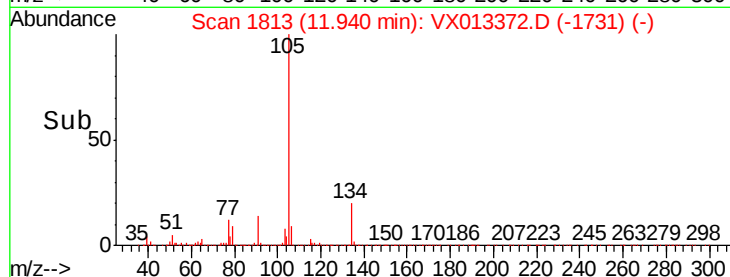
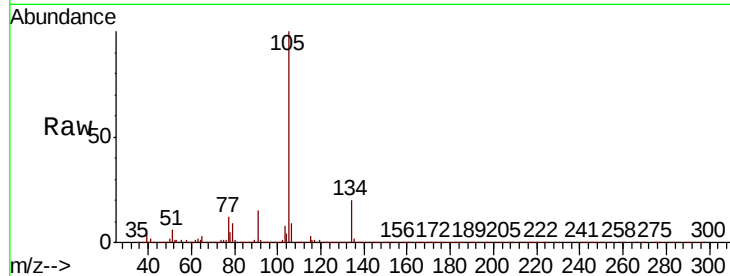




#81
 sec-Butylbenzene
 Concen: 19.144 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013372.D
 Acq: 11 Nov 2019 18:26

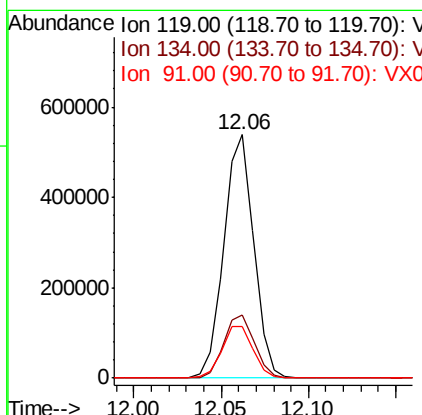
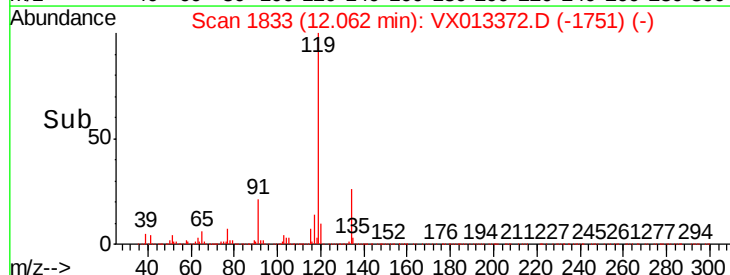
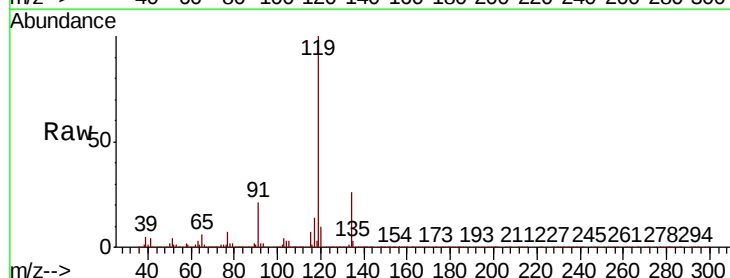
Instrument :
 MSVOA_X
 ClientSampleId :

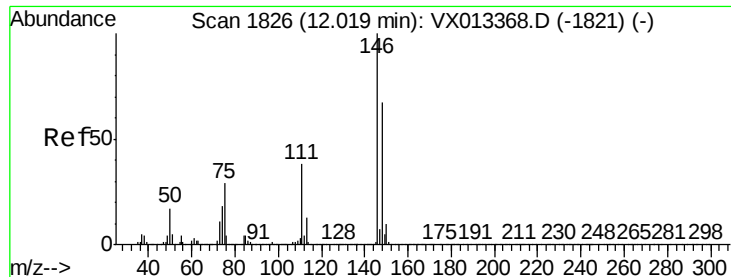
Tot Ion:105 Resp: 688665
 Ion Ratio Lower Upper
 105 100
 134 20.4 0.0 41.2



#82
 p-Isopropyltoluene
 Concen: 19.358 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX013372.D
 Acq: 11 Nov 2019 18:26

Tgt Ion:119 Resp: 641590
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 51.6
 91 22.4 0.0 44.2





#83

1,3-Dichlorobenzene

Concen: 19.284 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Instrument :

MSVOA_X

ClientSampleId :

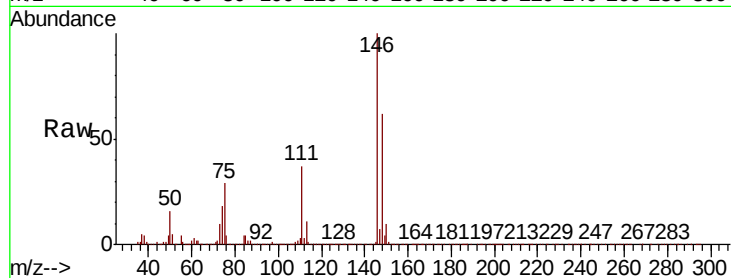
Tot Ion:146 Resp: 332393

Ion Ratio Lower Upper

146 100

111 36.8 18.8 56.3

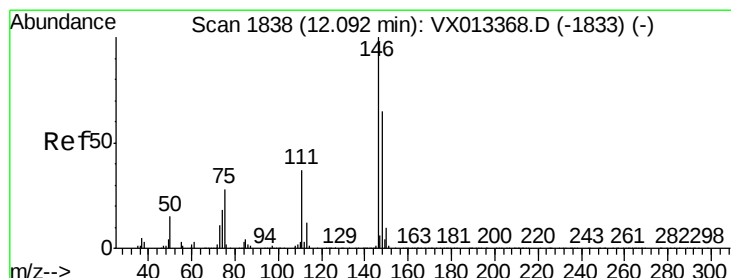
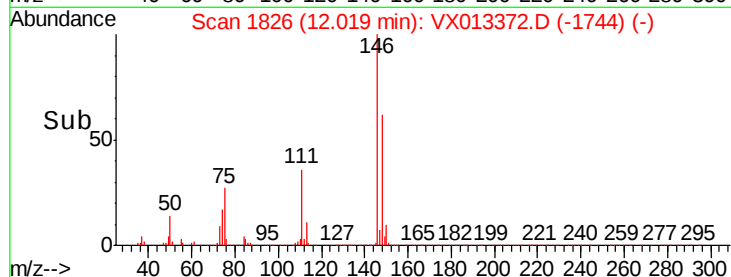
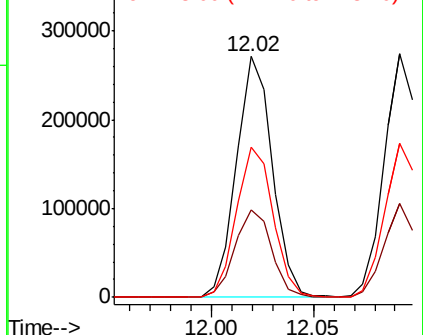
148 63.5 32.3 96.9



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 19.334 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

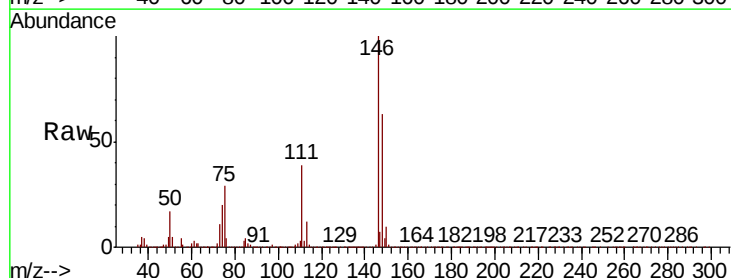
Tgt Ion:146 Resp: 330805

Ion Ratio Lower Upper

146 100

111 36.2 18.6 55.6

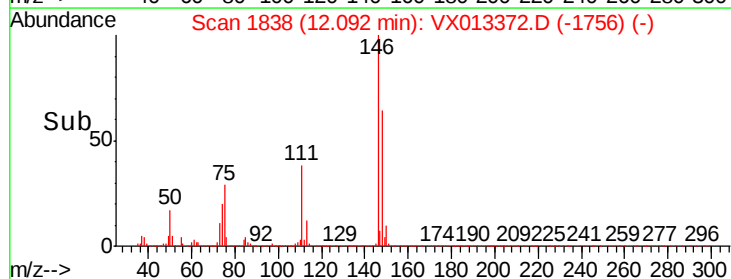
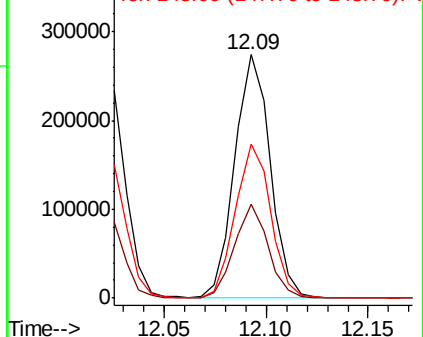
148 63.2 32.5 97.4

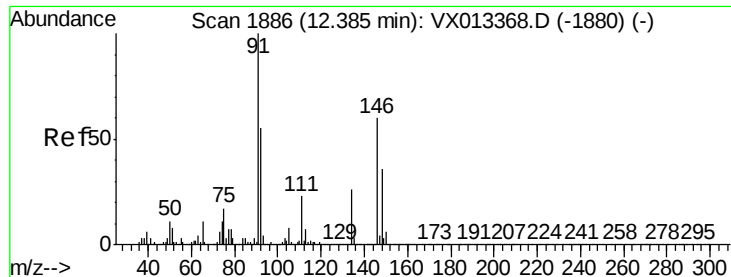


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#85

n-Butylbenzene

Concen: 18.531 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Instrument :

MSVOA_X

ClientSampled :

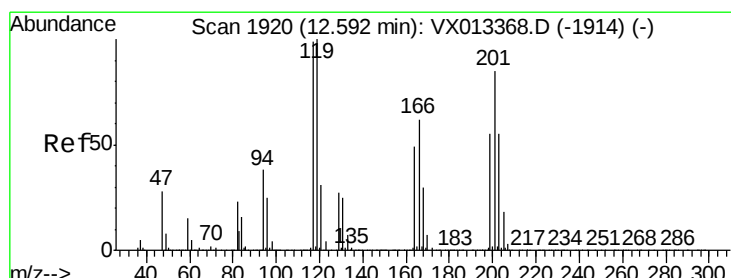
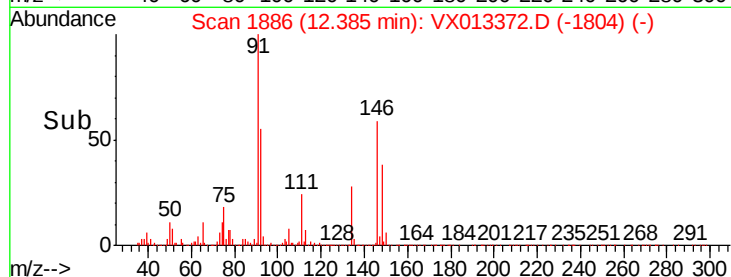
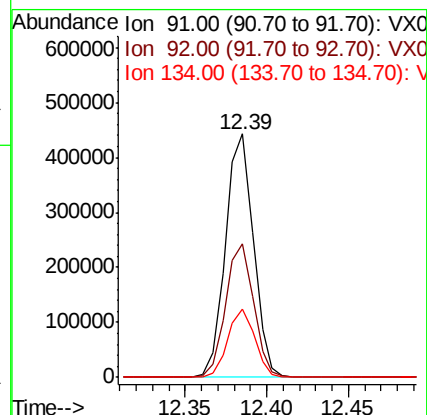
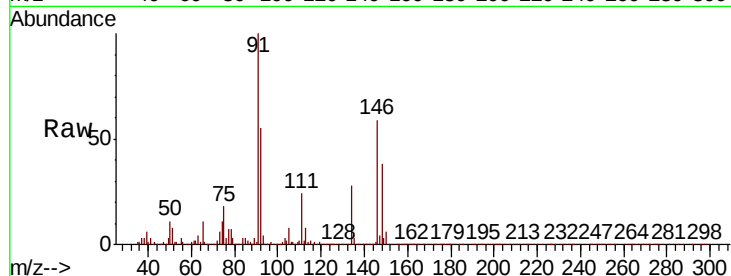
Tot Ion: 91 Resp: 530085

Ion Ratio Lower Upper

91 100

92 54.9 0.0 109.0

134 27.2 0.0 53.0



#86

Hexachloroethane

Concen: 18.117 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX013372.D

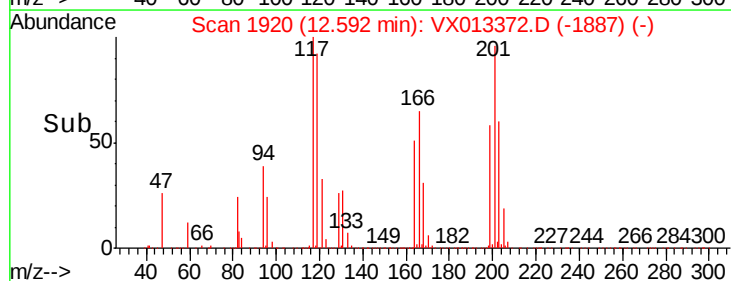
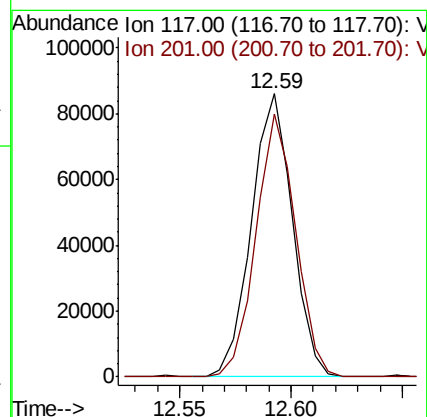
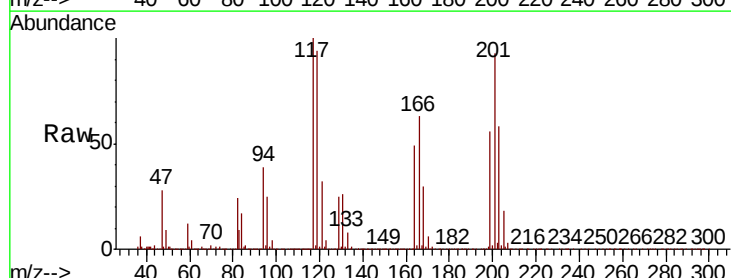
Acq: 11 Nov 2019 18:26

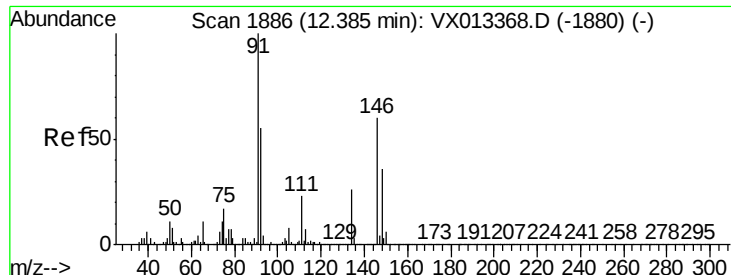
Tgt Ion: 117 Resp: 110190

Ion Ratio Lower Upper

117 100

201 90.2 44.5 133.3

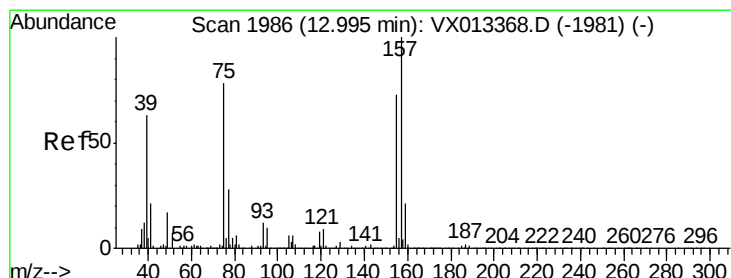
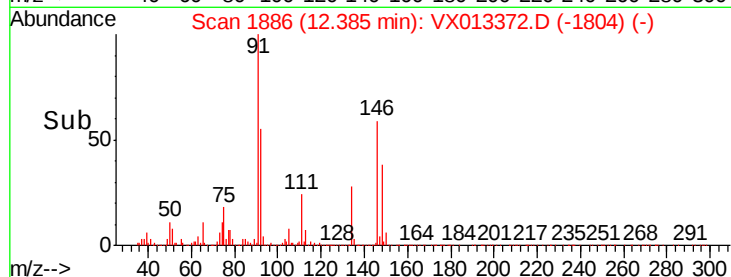
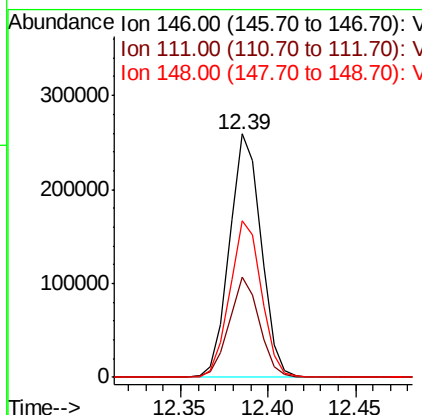
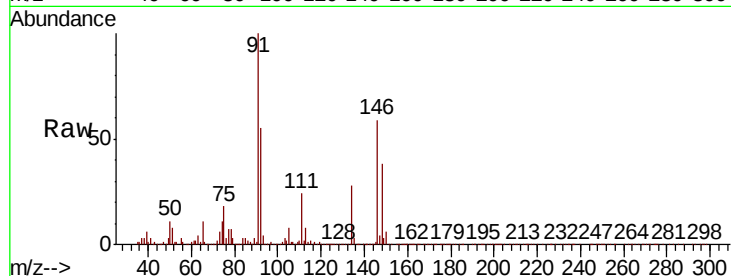




#87
 1,2-Dichlorobenzene
 Concen: 18.920 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013372.D
 Acq: 11 Nov 2019 18:26

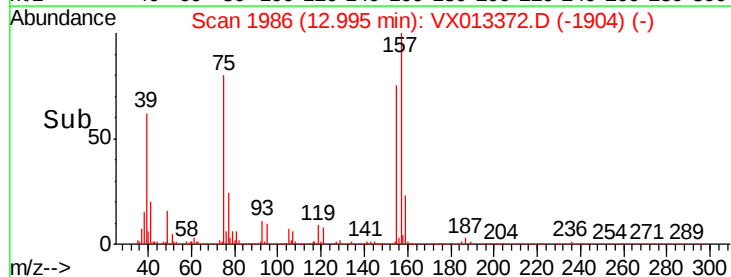
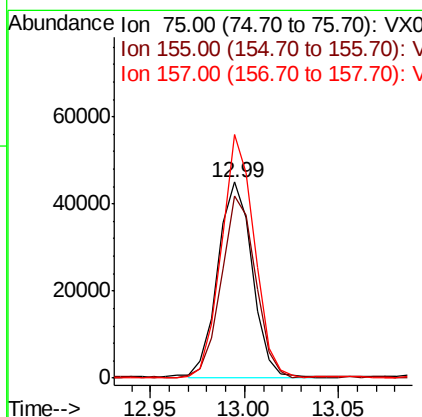
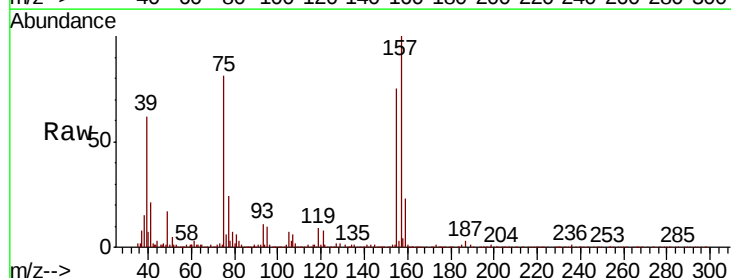
Instrument :
 MSVOA_X
 ClientSampleId :

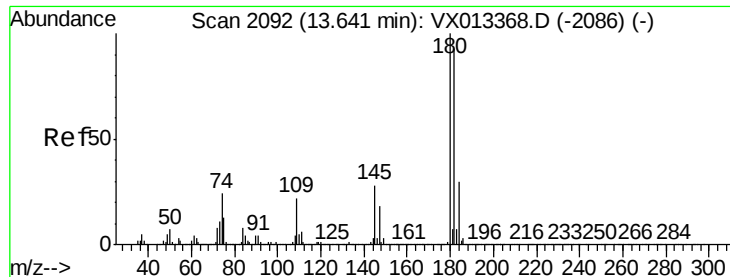
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.6	58.7
148	64.1	31.6	94.7



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.095 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013372.D
 Acq: 11 Nov 2019 18:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.1	76.9	115.3
157	119.5	101.2	151.8

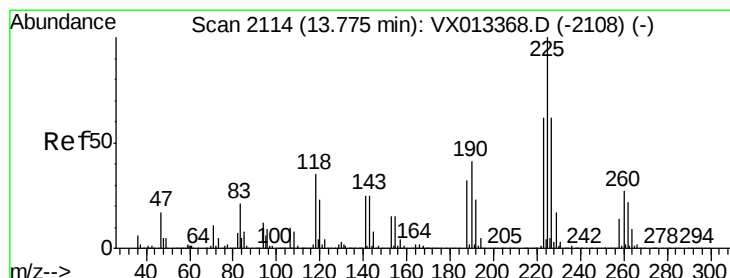
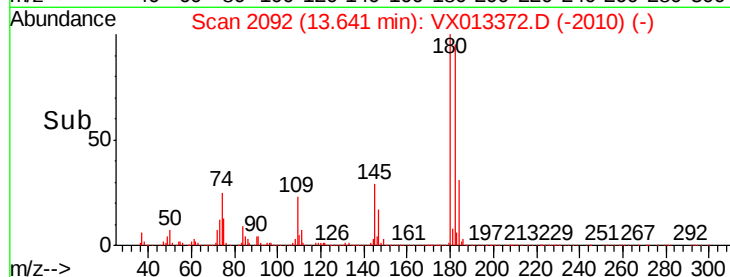
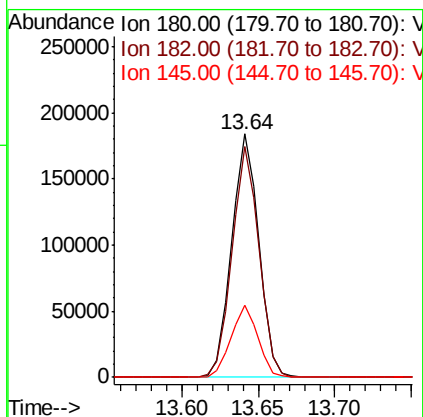
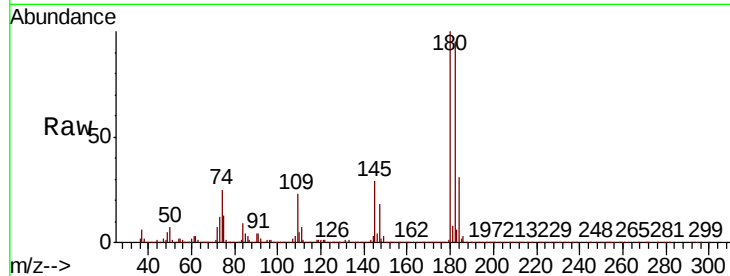




#89
 1,2,4-Trichlorobenzene
 Concen: 19.039 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013372.D
 Acq: 11 Nov 2019 18:26

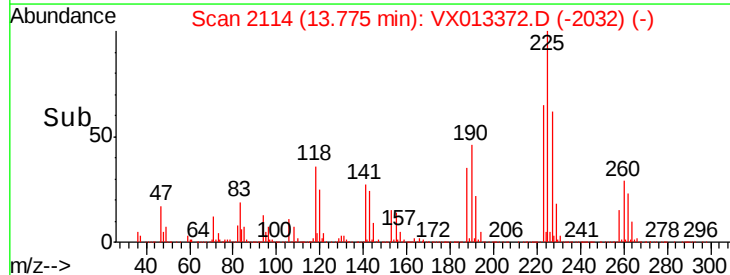
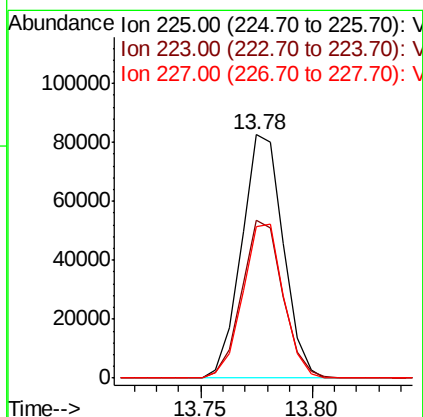
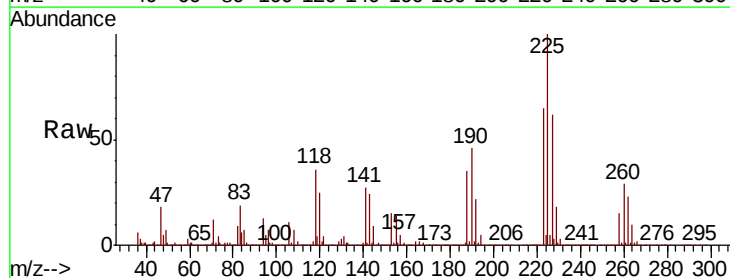
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	74.7	112.1
145	29.2	22.1	33.1



#90
 Hexachlorobutadiene
 Concen: 18.932 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013372.D
 Acq: 11 Nov 2019 18:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	0.0	123.0
227	61.7	0.0	121.8





#91

Naphthalene

Concen: 19.337 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

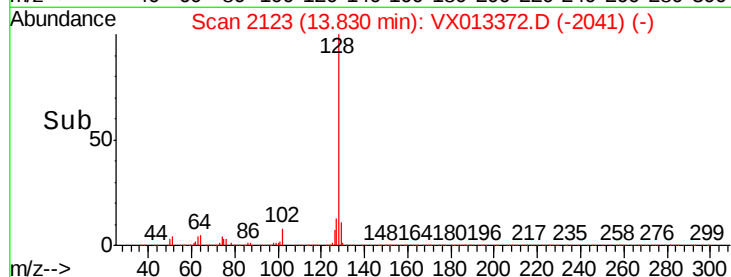
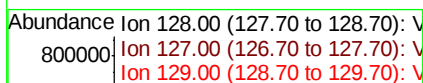
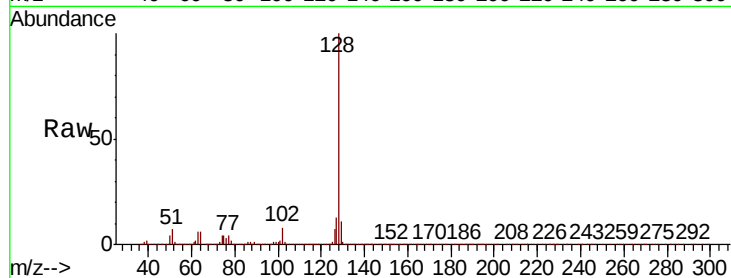
Instrument :

MSVOA_X

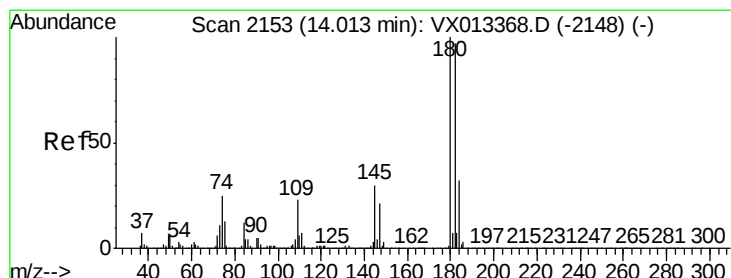
ClientSampleId :

Tot Ion:128 Resp: 727599

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.8	8.8	13.2



Time-->



#92

1,2,3-Trichlorobenzene

Concen: 19.125 ug/l

RT: 14.01 min Scan# 2153

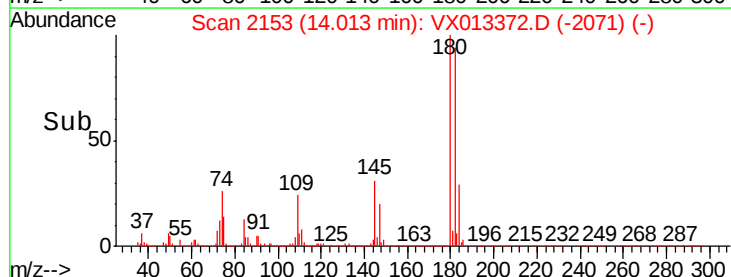
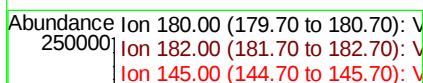
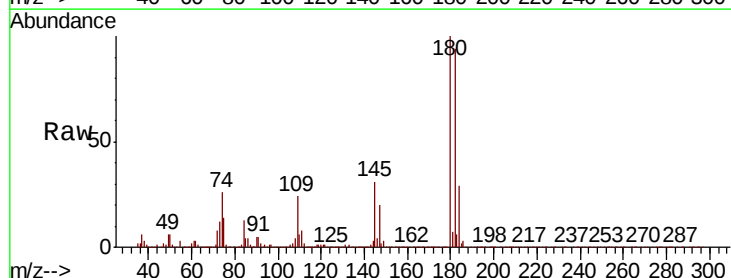
Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Tgt Ion:180 Resp: 229695

Ion	Ratio	Lower	Upper
180	100		
182	94.7	0.0	191.0
145	30.5	0.0	59.0



Time-->