

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020720\
 Data File : VX014867.D
 Acq On : 07 Feb 2020 13:41
 Operator : JC/SP
 Sample : VX0207WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 07 22:11:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	70421	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	386661	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	351121	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	151127	30.53	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.77%
60) 4-Bromofluorobenzene	11.13	95	171001	30.43	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.43%
63) Toluene-d8	8.71	98	470320	29.65	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.83%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	99494	20.444	ug/l 99
3) Chloromethane	1.32	50	102833	19.299	ug/l 95
4) Vinyl Chloride	1.40	62	114186	19.086	ug/l 98
5) Bromomethane	1.64	94	72023	19.292	ug/l 99
6) Chloroethane	1.72	64	64765	19.203	ug/l 96
7) Trichlorofluoromethane	1.93	101	137664	20.781	ug/l 98
8) Diethyl Ether	2.18	74	59565	20.586	ug/l 88
9) 1,1,2-Trichlorotrifluoroet	2.38	101	80238	20.703	ug/l 97
10) 1,1-Dichloroethene	2.37	96	79793	20.468	ug/l 96
11) Methyl Iodide	2.50	142	79061	15.122	ug/l 97
12) Methyl Acetate	2.76	43	146053	20.739	ug/l 99
13) Acrolein	2.28	56	73930	99.945	ug/l 99
14) Acrylonitrile	3.13	53	237907	98.730	ug/l 99
15) Acetone	2.43	58	68546	84.852	ug/l 83
16) Carbon Disulfide	2.56	76	194773	18.192	ug/l 96
17) Allyl chloride	2.72	41	134322	18.618	ug/l 88
18) Methylene Chloride	2.85	84	91536	20.063	ug/l 94
19) trans-1,2-Dichloroethene	3.16	96	84763	20.198	ug/l 99
20) Diisopropyl ether	3.84	45	278841	19.535	ug/l 97
21) 1,1-Dichloroethane	3.69	63	155653	20.072	ug/l 99
22) cis-1,2-Dichloroethene	4.59	96	98240	20.372	ug/l 98
23) tert-Butyl Alcohol	3.02	59	104514	104.876	ug/l # 100
24) Methyl tert-Butyl Ether	3.19	73	274395	21.150	ug/l 99
25) Chloroform	5.20	83	152627	20.318	ug/l 98
26) Cyclohexane	5.58	56	134341	18.781	ug/l # 97
29) 1,1-Dichloropropene	5.79	75	115279	20.329	ug/l 99
30) 2-Butanone	4.65	43	339369	94.475	ug/l 98
31) 2,2-Dichloropropane	4.58	77	131468	21.667	ug/l 96
32) 1,1,1-Trichloroethane	5.49	97	134615	21.457	ug/l 98
33) Carbon Tetrachloride	5.78	117	115190	21.387	ug/l 98
34) Benzene	6.14	78	349702	19.957	ug/l 98
35) Methacrylonitrile	5.03	41	71568	19.949	ug/l 97
36) 1,2-Dichloroethane	6.19	62	126842	20.800	ug/l 97
37) Trichloroethene	7.20	130	100895	21.029	ug/l 96
38) Methylcyclohexane	7.46	83	142453	20.176	ug/l 95
39) 1,2-Dichloropropane	7.51	63	87083	19.111	ug/l 98
40) Dibromomethane	7.65	93	60516	20.665	ug/l 96

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	118190	20.610	ug/l	99
42) Vinyl Acetate	3.80	43	1110801	100.327	ug/l	100
43) Ethyl Acetate	4.81	43	127522	19.610	ug/l	98
44) Isopropyl Acetate	6.43	43	209703	19.990	ug/l	100
45) 1,4-Dioxane	7.73	88	44936	428.232	ug/l	99
46) Methyl methacrylate	7.76	41	103819	20.125	ug/l	95
47) n-amyl Acetate	10.89	43	176334	20.061	ug/l	99
48) t-1,3-Dichloropropene	9.03	75	132468	21.158	ug/l	96
49) cis-1,3-Dichloropropene	8.43	75	142400	20.185	ug/l	96
50) 1,1,2-Trichloroethane	9.21	97	92589	20.778	ug/l	98
51) Ethyl methacrylate	9.17	69	139839	20.155	ug/l	96
52) 1,3-Dichloropropane	9.37	76	154775	20.501	ug/l	99
53) Dibromochloromethane	9.57	129	98722	21.660	ug/l	96
54) 1,2-Dibromoethane	9.67	107	99190	21.463	ug/l	97
55) 2-Chloroethyl vinyl ether	8.30	63	288302	90.416	ug/l	98
56) Bromoform	10.85	173	74244	21.148	ug/l	98
58) 4-Methyl-2-Pentanone	8.64	43	672399	101.691	ug/l	99
59) 2-Hexanone	9.48	43	516804	101.061	ug/l	99
61) Tetrachloroethene	9.33	164	102550	19.760	ug/l	97
62) Toluene	8.78	91	386043	20.723	ug/l	99
64) Chlorobenzene	10.14	112	246708	21.215	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	91307	21.259	ug/l	98
66) Ethyl Benzene	10.25	91	427120	21.050	ug/l	98
67) m/p-Xylenes	10.36	106	326921	42.063	ug/l	99
68) o-Xylene	10.70	106	155840	20.591	ug/l	98
69) Styrene	10.71	104	266555	20.787	ug/l	99
70) Isopropylbenzene	11.01	105	417960	21.080	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	137201	20.543	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	157169	27.511	ug/l	97
73) Bromobenzene	11.25	156	114467	21.779	ug/l	95
74) n-propylbenzene	11.35	91	480512	21.209	ug/l	98
75) 2-Chlorotoluene	11.42	91	281820	20.755	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	349436	21.151	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	43991	20.007	ug/l	94
78) 4-Chlorotoluene	11.51	91	324056	21.014	ug/l	98
79) tert-butylbenzene	11.76	119	337092	21.806	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	353207	21.435	ug/l	100
81) sec-Butylbenzene	11.94	105	407614	21.309	ug/l	99
82) p-Isopropyltoluene	12.06	119	374024	21.418	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	197272	21.496	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	199639	21.942	ug/l	99
85) n-Butylbenzene	12.39	91	321884	21.067	ug/l	100
86) Hexachloroethane	12.59	117	64020	20.444	ug/l	100
87) 1,2-Dichlorobenzene	12.39	146	198430	21.429	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	31636	22.175	ug/l	98
89) 1,2,4-Trichlorobenzene	13.64	180	141585	23.165	ug/l	98
90) Hexachlorobutadiene	13.78	225	68278	22.357	ug/l	98
91) Naphthalene	13.83	128	415698	22.531	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	141410	22.730	ug/l	99

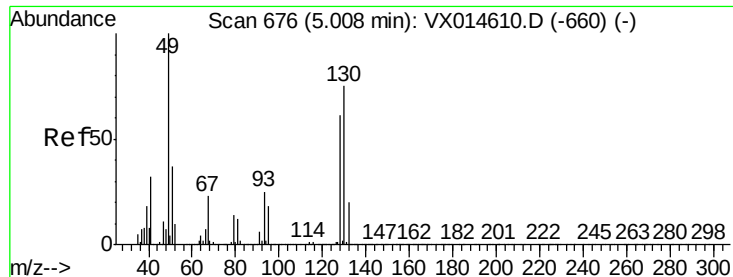
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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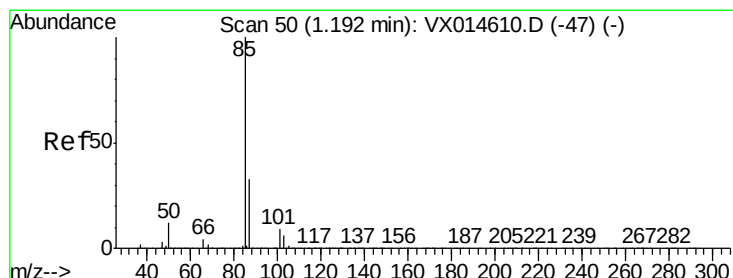
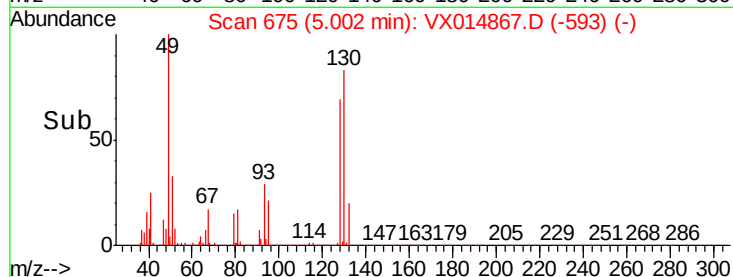
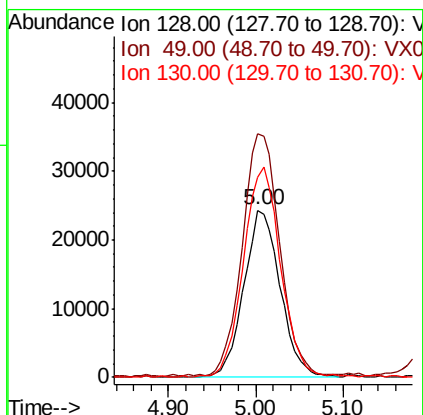
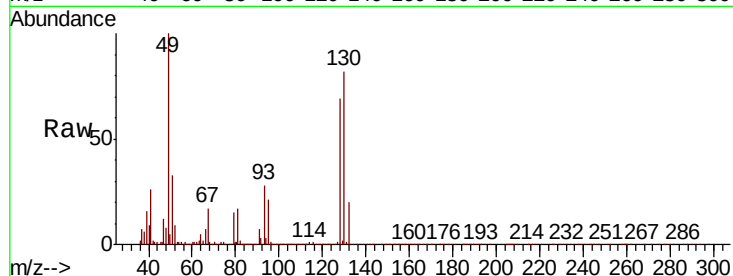
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

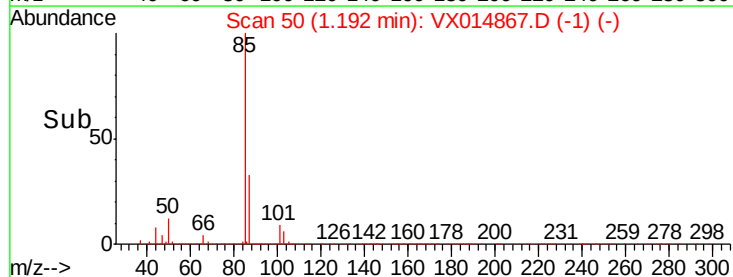
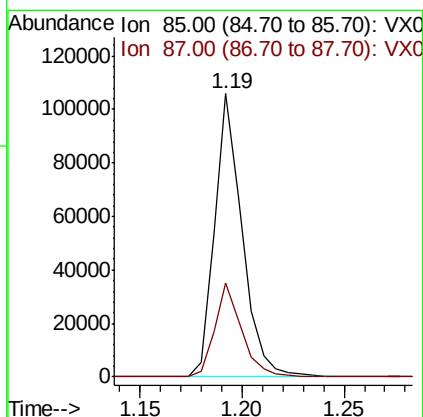
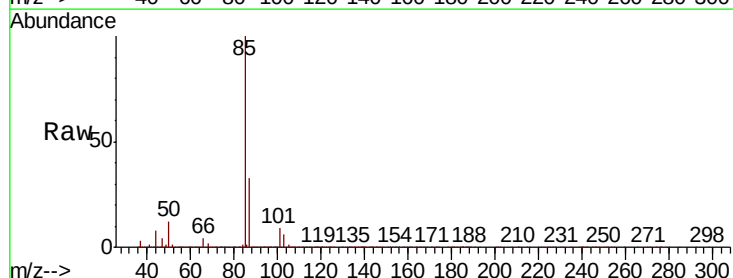
Instrument :
MSVOA_X
ClientSampleId :

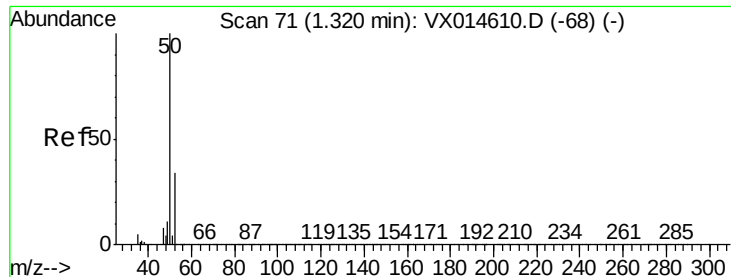
Tot Ion:128 Resp: 70421
Ion Ratio Lower Upper
128 100
49 147.5 0.0 405.0
130 127.9 0.0 321.5



#2
Dichlorodifluoromethane
Concen: 20.444 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

Tgt Ion: 85 Resp: 99494
Ion Ratio Lower Upper
85 100
87 33.1 16.3 48.9





#3

Chloromethane

Concen: 19.299 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

Instrument :

MSVOA_X

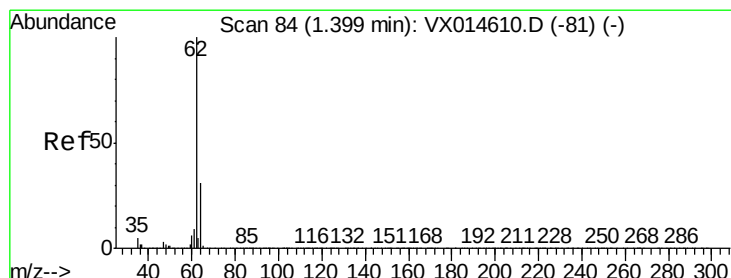
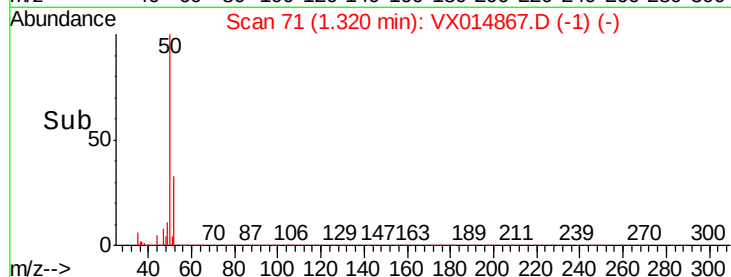
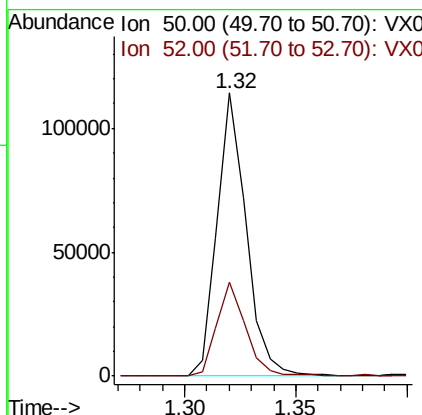
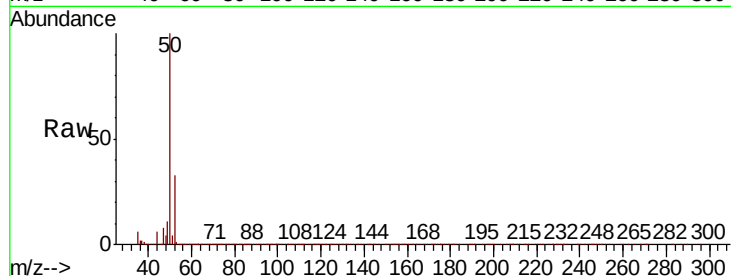
ClientSampleId :

Tot Ion: 50 Resp: 102833

Ion Ratio Lower Upper

50 100

52 33.0 24.3 36.5



#4

Vinyl Chloride

Concen: 19.086 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014867.D

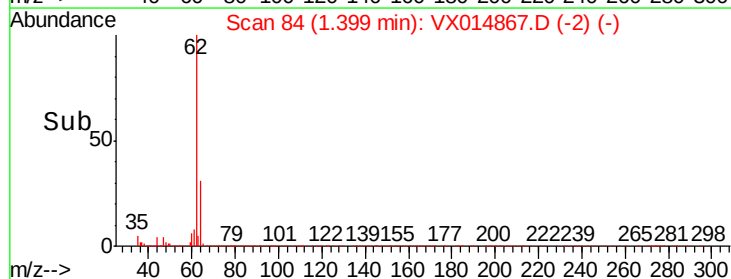
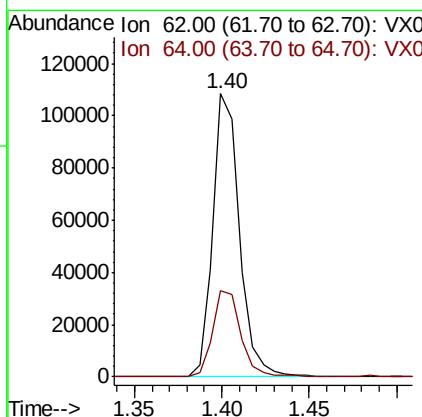
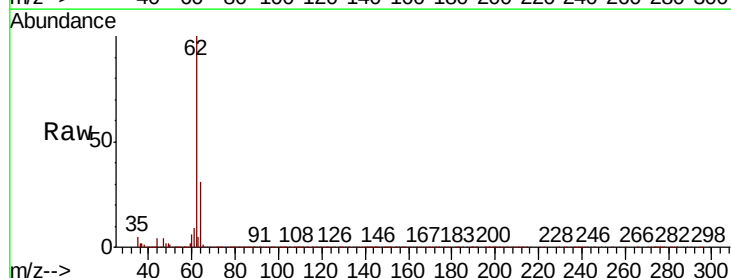
Acq: 07 Feb 2020 13:41

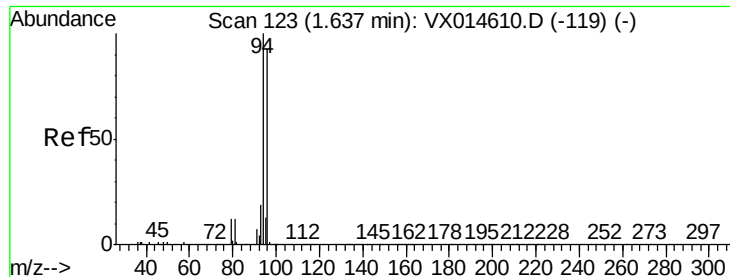
Tgt Ion: 62 Resp: 114186

Ion Ratio Lower Upper

62 100

64 30.4 25.2 37.8





#5

Bromomethane

Concen: 19.292 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

Instrument :

MSVOA_X

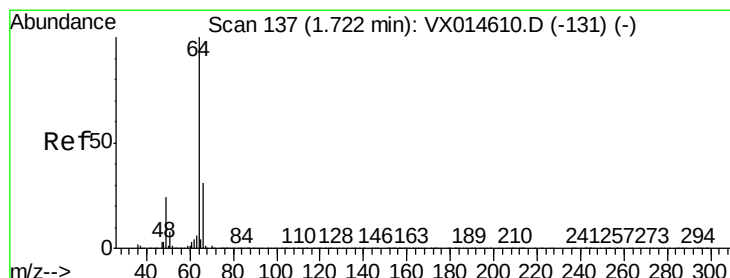
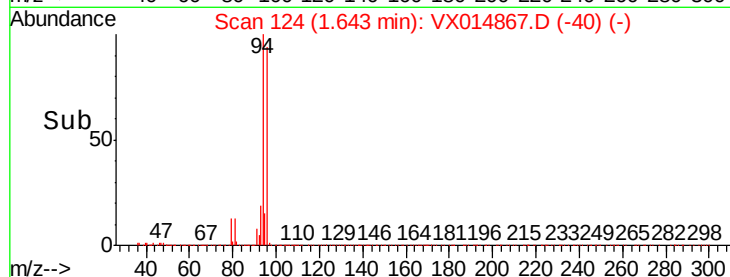
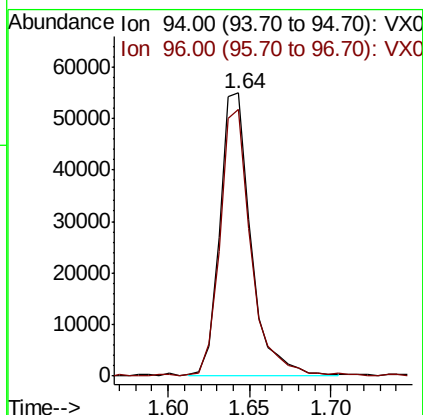
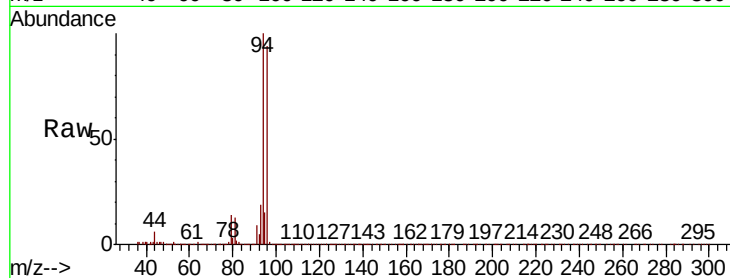
ClientSampleId :

Tot Ion: 94 Resp: 72023

Ion Ratio Lower Upper

94 100

96 94.0 74.4 111.6



#6

Chloroethane

Concen: 19.203 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.02 min

Lab File: VX014867.D

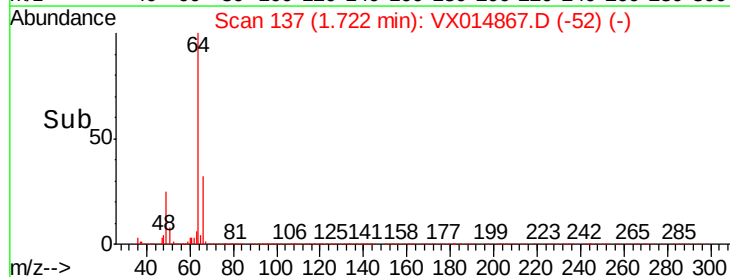
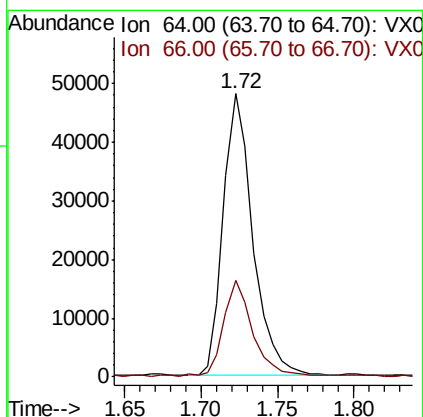
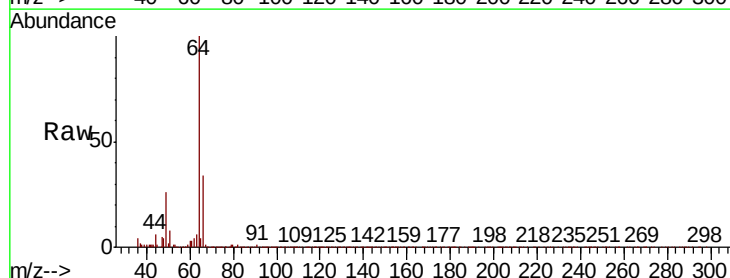
Acq: 07 Feb 2020 13:41

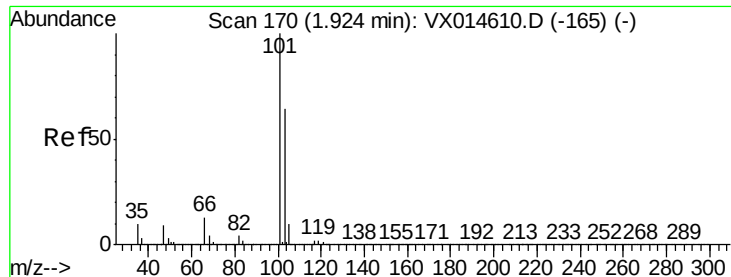
Tgt Ion: 64 Resp: 64765

Ion Ratio Lower Upper

64 100

66 33.7 25.2 37.8



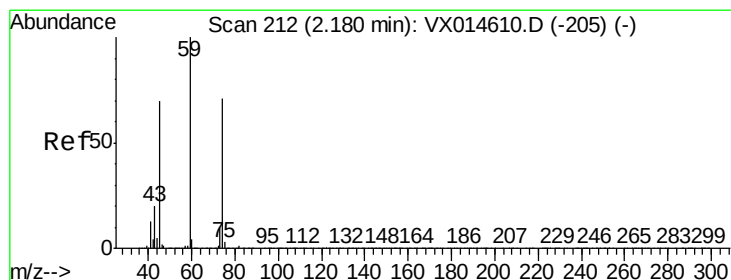
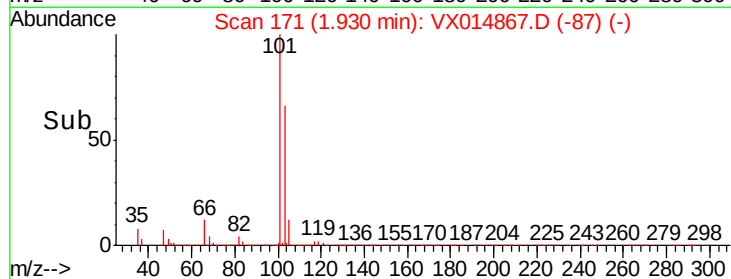
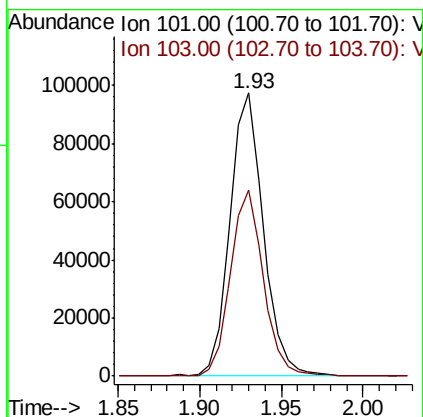
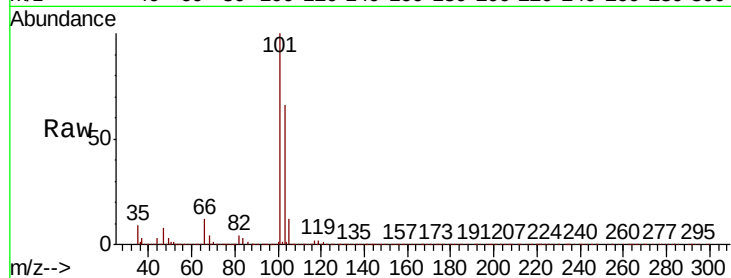


#7

Trichlorofluoromethane
Concen: 20.781 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX014867.D
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MSVOA_X
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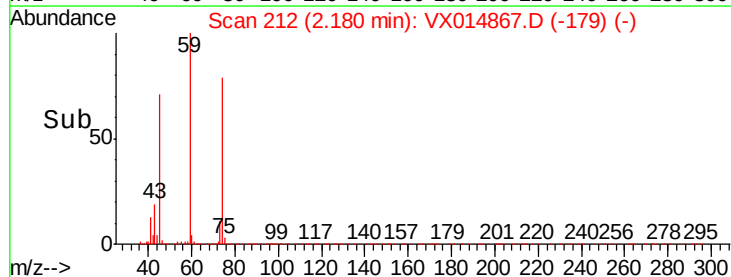
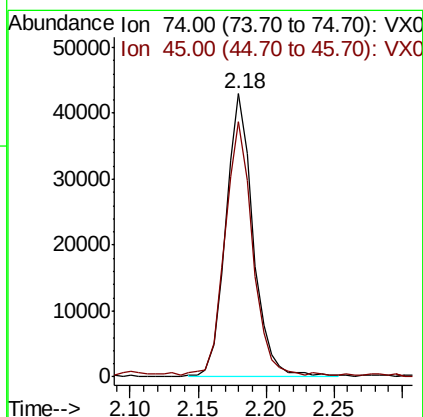
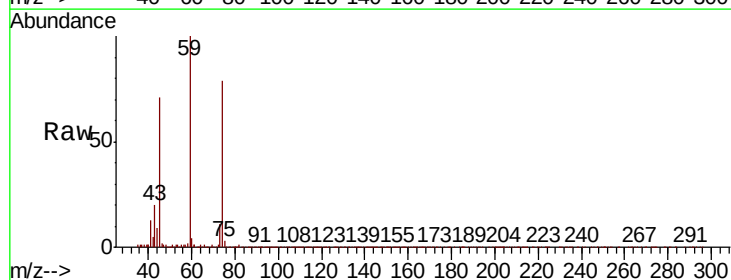
Tot Ion:101 Resp: 137664
Ion Ratio Lower Upper
101 100
103 65.9 51.6 77.4

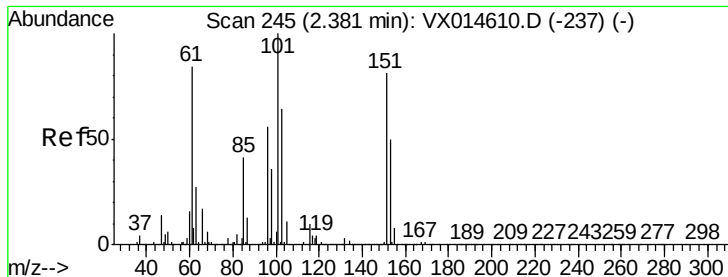


#8

Diethyl Ether
Concen: 20.586 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

Tgt Ion: 74 Resp: 59565
Ion Ratio Lower Upper
74 100
45 90.2 20.6 185.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.703 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.01 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

Instrument :

MSVOA_X

ClientSampled :

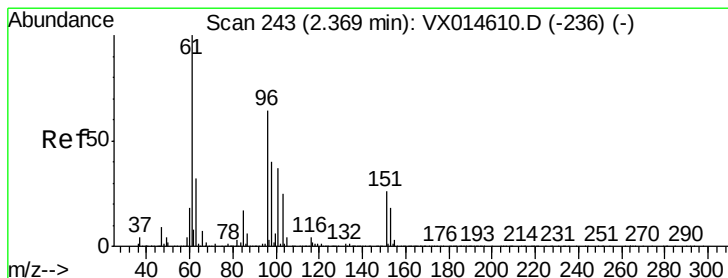
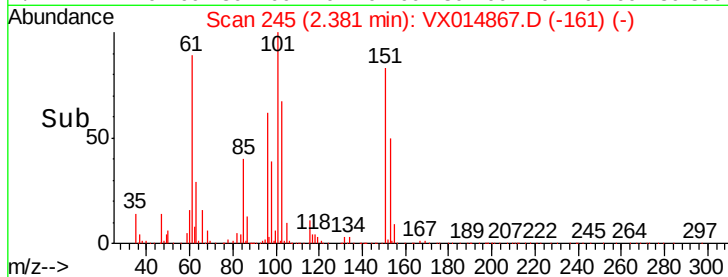
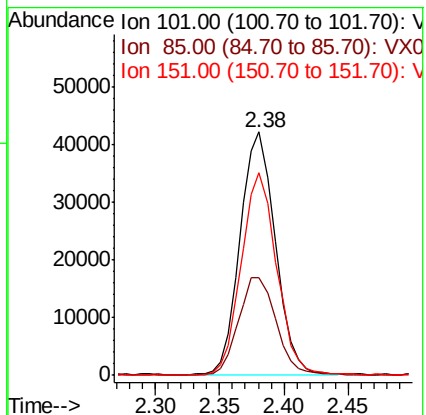
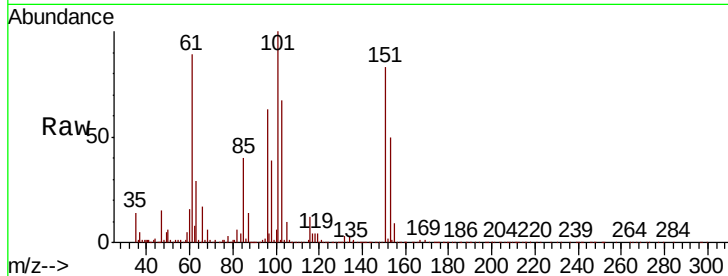
Tot Ion:101 Resp: 80238

Ion Ratio Lower Upper

101 100

85 42.3 0.0 85.6

151 83.3 0.0 159.4



#10

1,1-Dichloroethene

Concen: 20.468 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

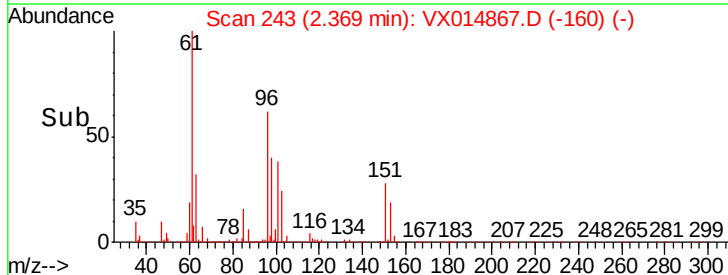
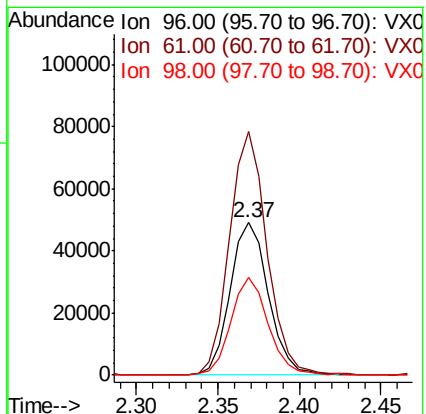
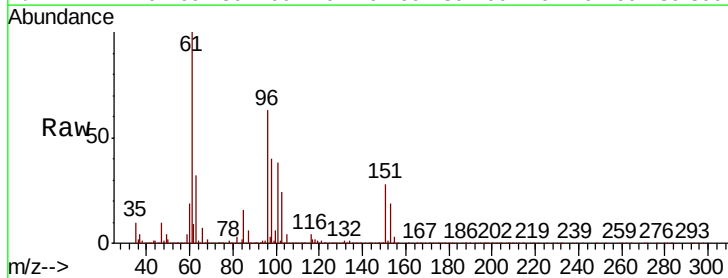
Tgt Ion: 96 Resp: 79793

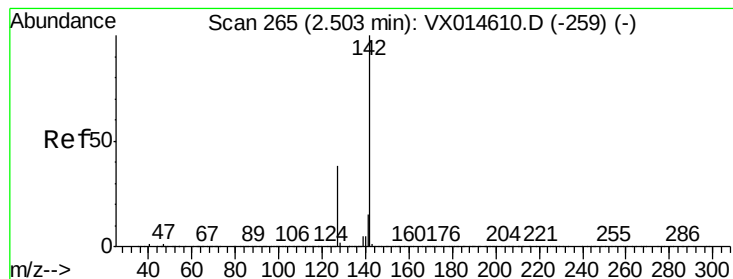
Ion Ratio Lower Upper

96 100

61 160.1 123.0 184.6

98 63.9 51.4 77.0





#11

Methvl Iodide

Concen: 15.122 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

Instrument :

MSVOA_X

ClientSampled :

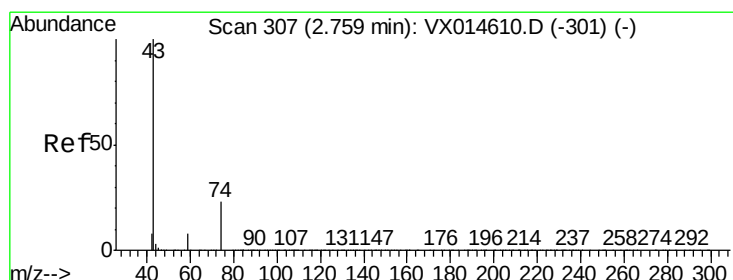
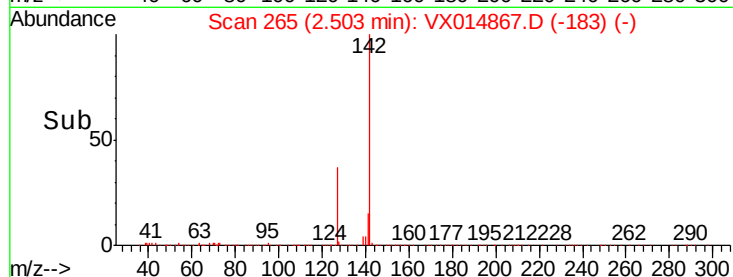
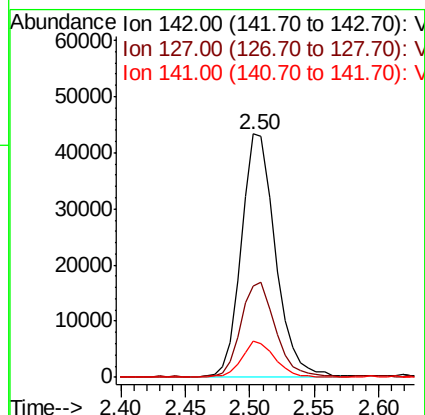
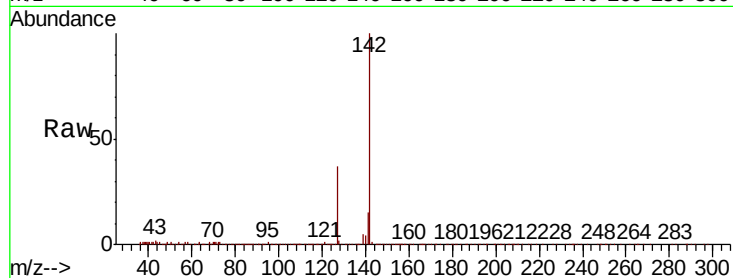
Tot Ion:142 Resp: 79061

Ion Ratio Lower Upper

142 100

127 37.2 19.5 58.5

141 14.6 7.0 20.9



#12

Methyl Acetate

Concen: 20.739 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014867.D

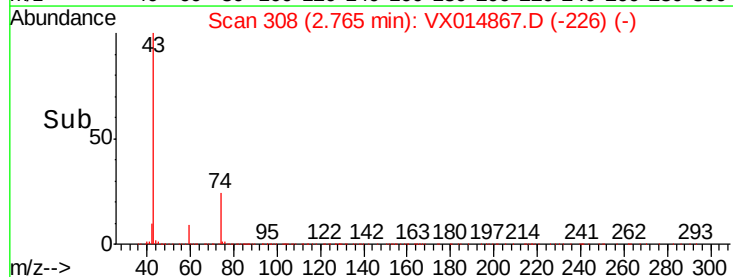
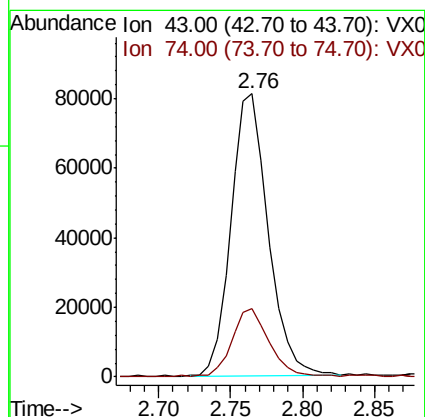
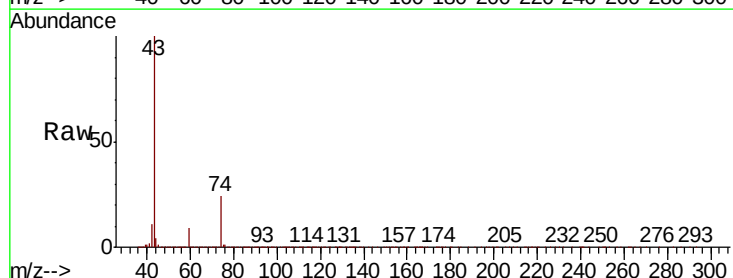
Acq: 07 Feb 2020 13:41

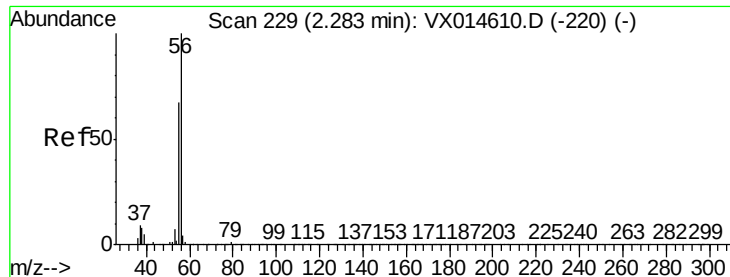
Tgt Ion: 43 Resp: 146053

Ion Ratio Lower Upper

43 100

74 23.8 18.5 27.7





#13

Acrolein

Concen: 99.945 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

Instrument :

MSVOA_X

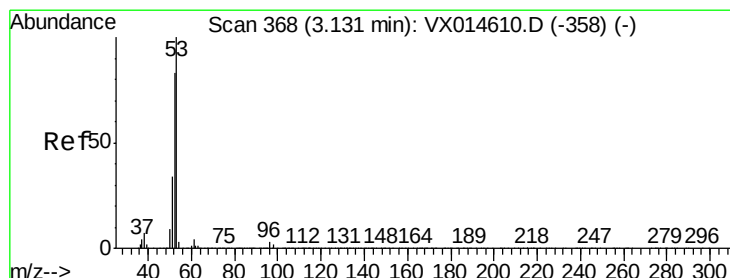
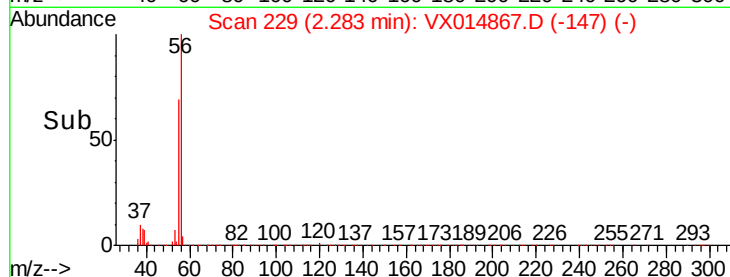
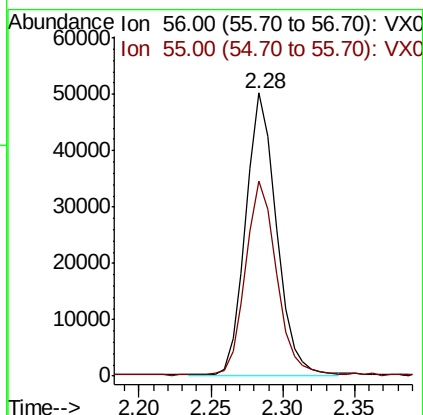
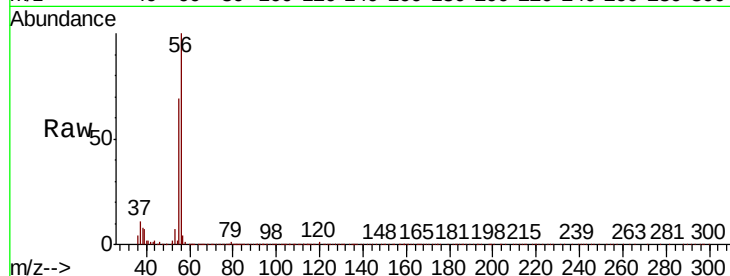
ClientSampled :

Tot Ion: 56 Resp: 73930

Ion Ratio Lower Upper

56 100

55 69.5 54.9 82.3



#14

Acrylonitrile

Concen: 98.730 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

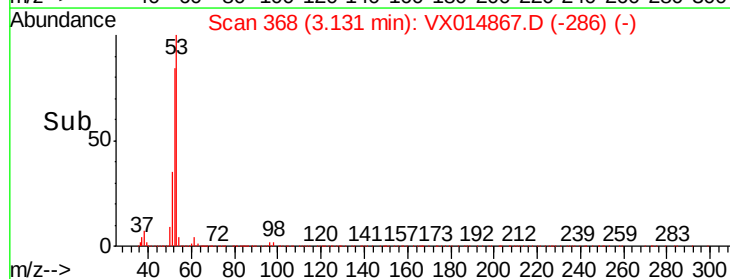
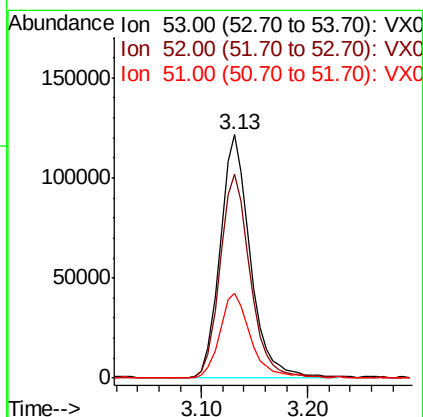
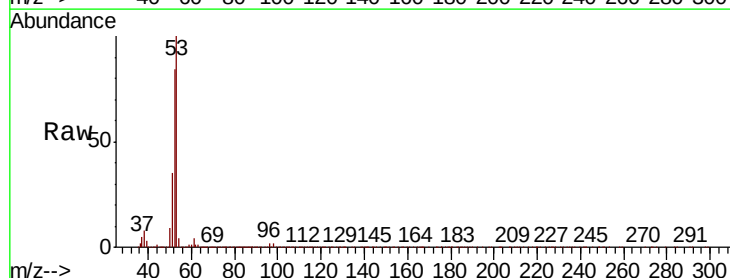
Tgt Ion: 53 Resp: 237907

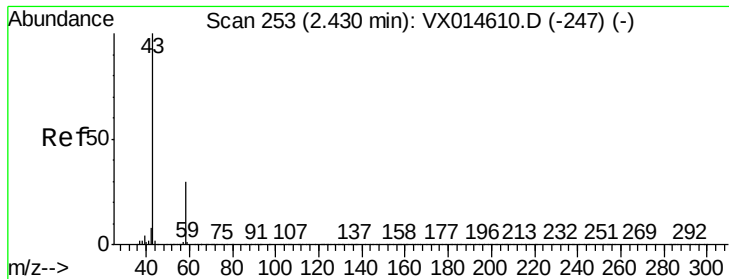
Ion Ratio Lower Upper

53 100

52 83.6 41.5 124.6

51 35.2 17.8 53.5





#15

Acetone

Concen: 84.852 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

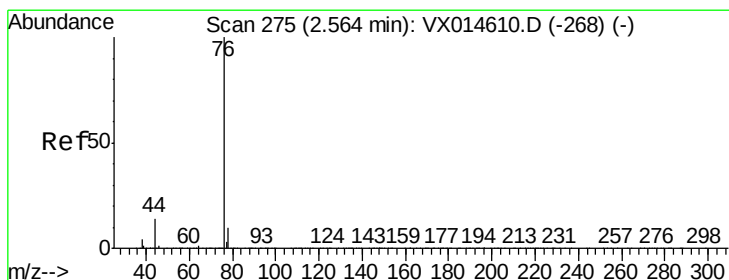
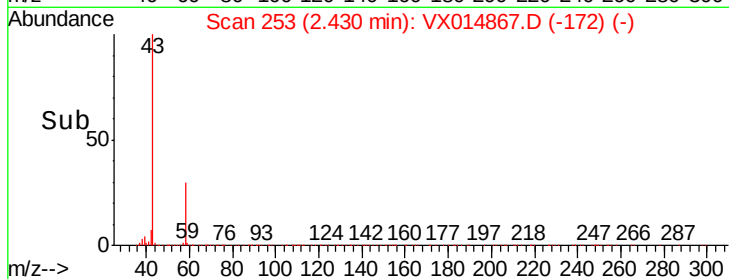
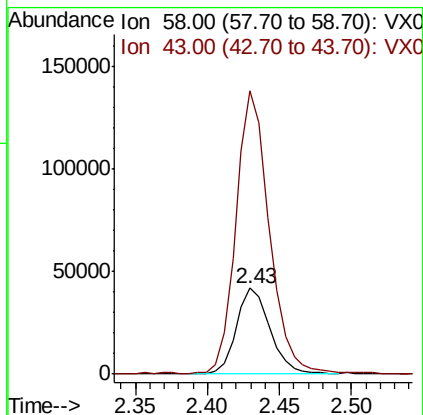
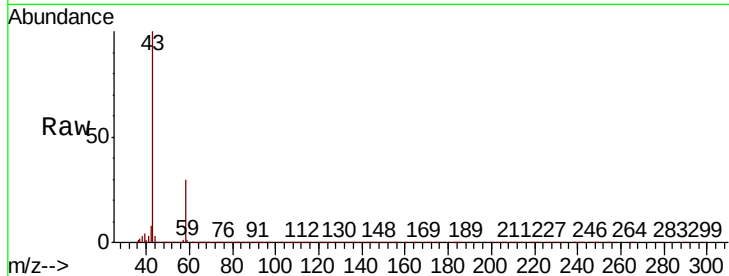
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 58 Resp: 68546

Ion Ratio Lower Upper

58 100

43 328.0 236.3 354.5



#16

Carbon Disulfide

Concen: 18.192 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014867.D

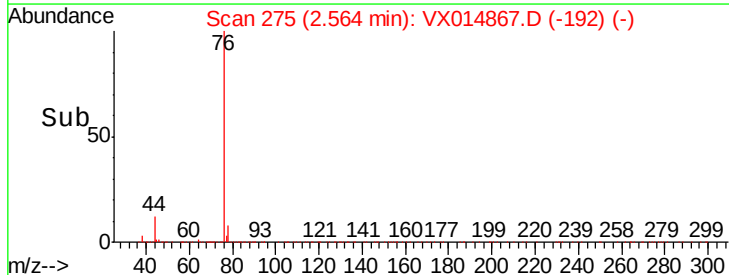
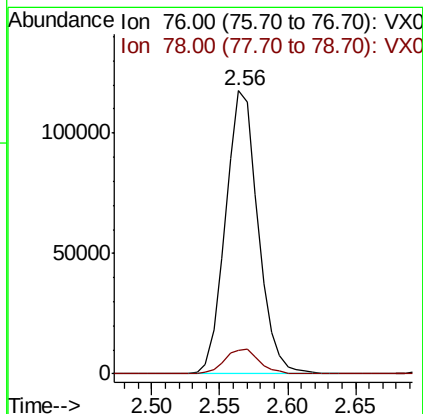
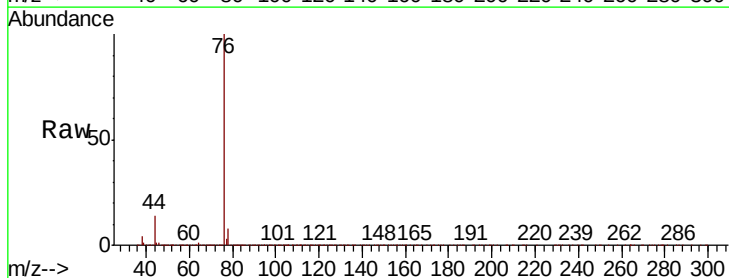
Acq: 07 Feb 2020 13:41

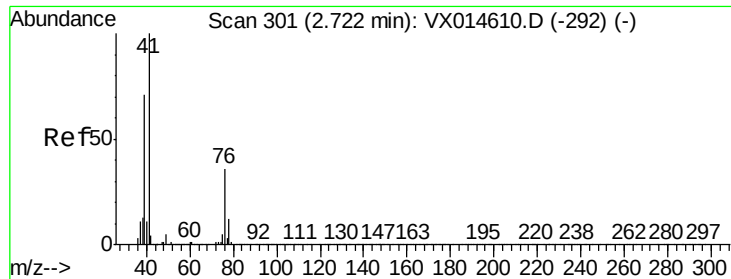
Tgt Ion: 76 Resp: 194773

Ion Ratio Lower Upper

76 100

78 8.4 7.8 11.8

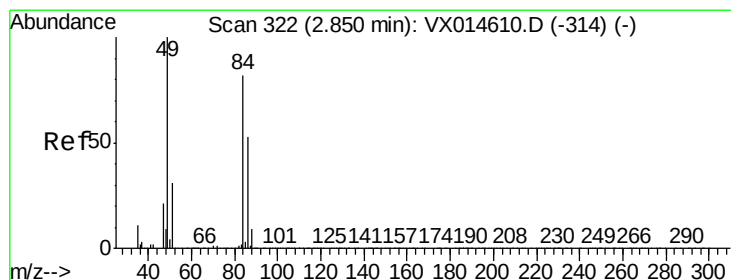
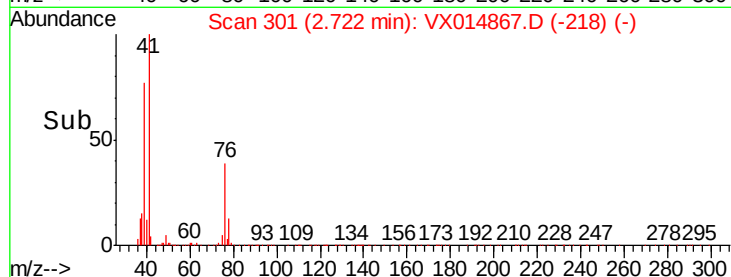
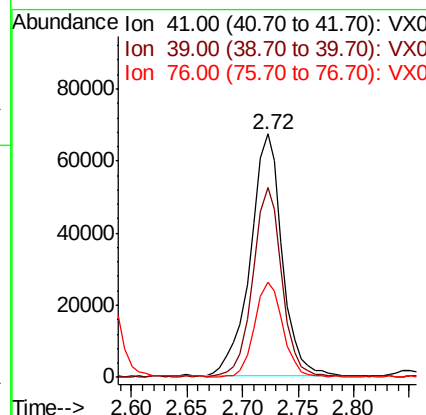
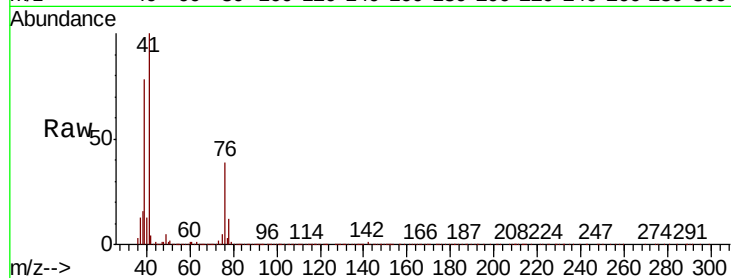




#17
Allvl chloride
Concen: 18.618 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

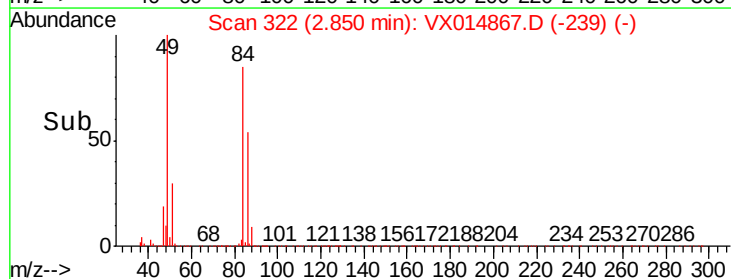
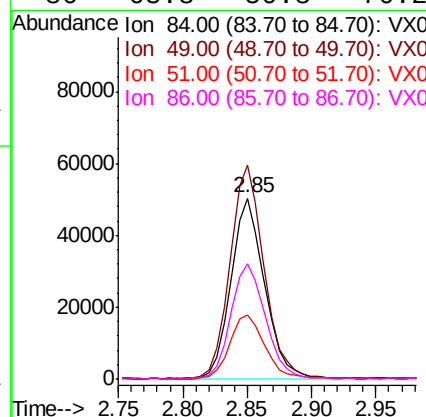
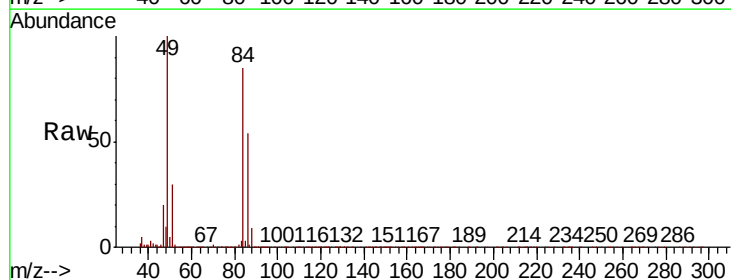
Instrument :
MSVOA_X
ClientSampleId :

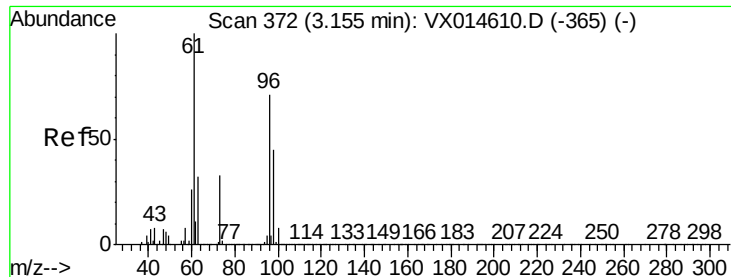
Tot Ion: 41 Resp: 134322
Ion Ratio Lower Upper
41 100
39 78.4 33.4 100.2
76 38.6 17.0 50.9



#18
Methylene Chloride
Concen: 20.063 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

Tgt Ion: 84 Resp: 91536
Ion Ratio Lower Upper
84 100
49 117.7 102.2 153.2
51 35.2 31.4 47.0
86 63.8 50.8 76.2





#19

trans-1,2-Dichloroethene

Concen: 20.198 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

Instrument :

MSVOA_X

ClientSampleId :

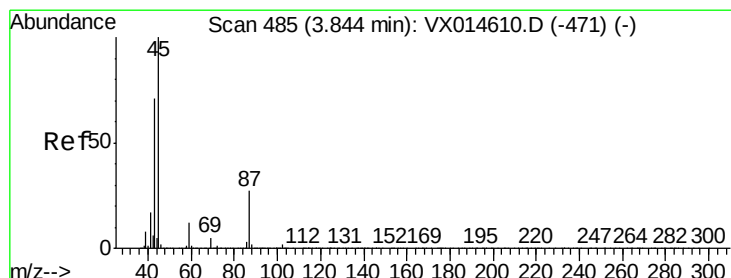
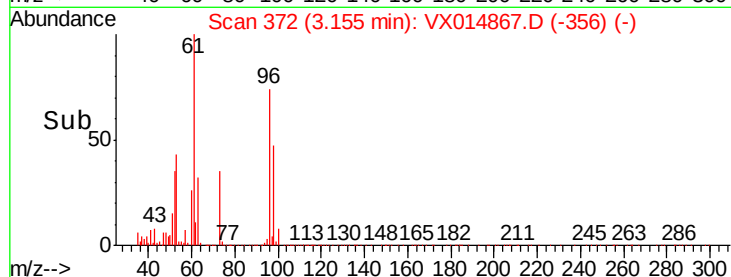
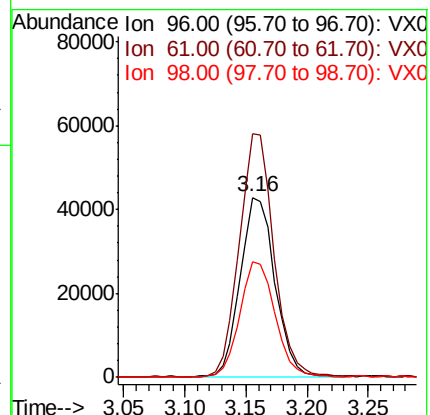
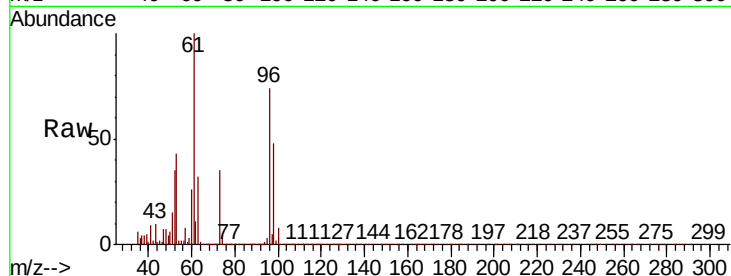
Tot Ion: 96 Resp: 84763

Ion Ratio Lower Upper

96 100

61 135.0 106.6 159.8

98 64.3 51.6 77.4



#20

Diisopropyl ether

Concen: 19.535 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

Tgt Ion: 45 Resp: 278841

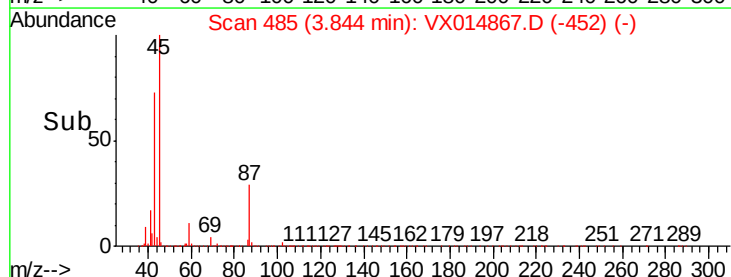
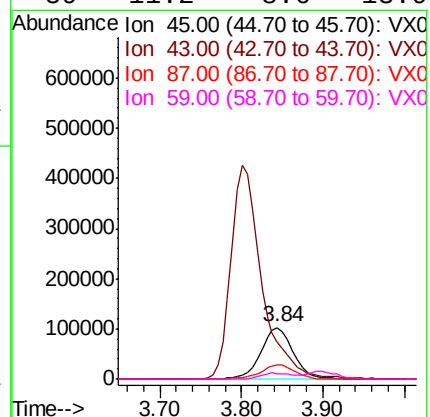
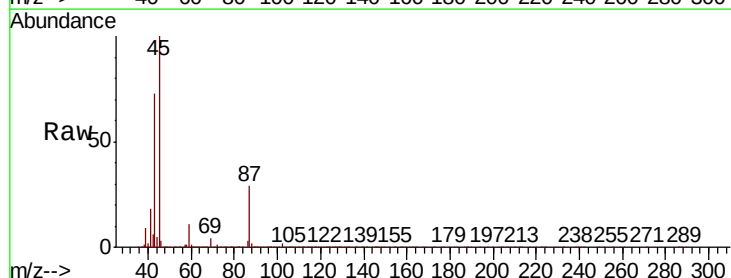
Ion Ratio Lower Upper

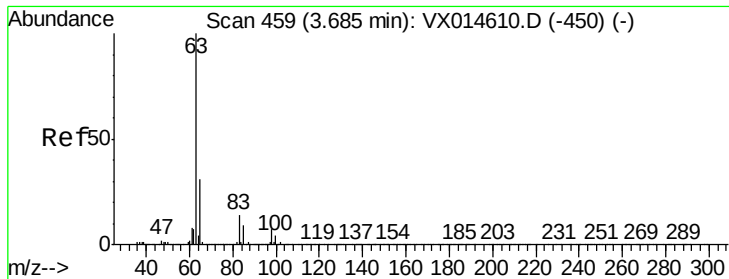
45 100

43 73.2 55.9 83.9

87 28.5 22.2 33.2

59 11.2 8.6 13.0





#21

1,1-Dichloroethane

Concen: 20.072 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014867.D

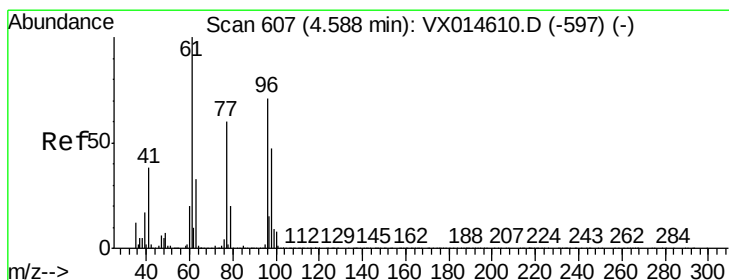
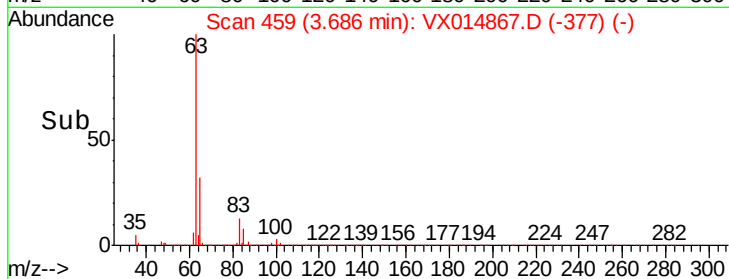
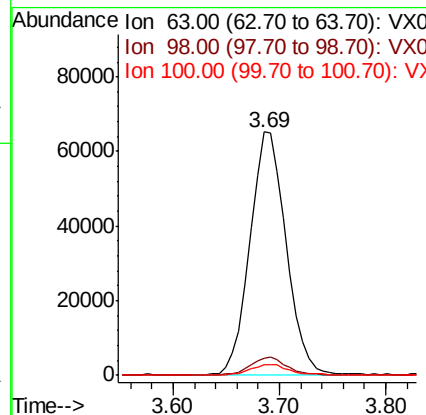
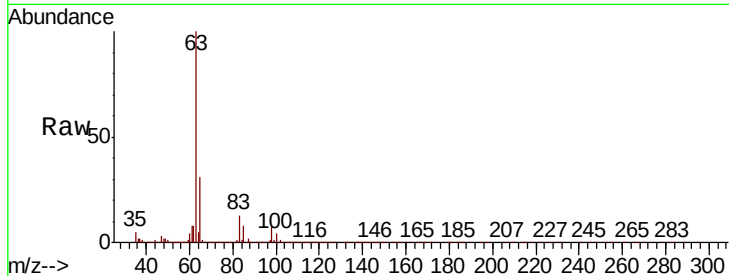
Acq: 07 Feb 2020 13:41

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	63	Resp:	155653
Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.4	10.1
100	4.0	2.5	7.4



#22

cis-1,2-Dichloroethene

Concen: 20.372 ug/l

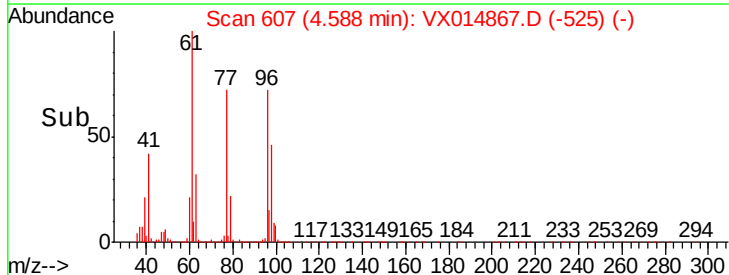
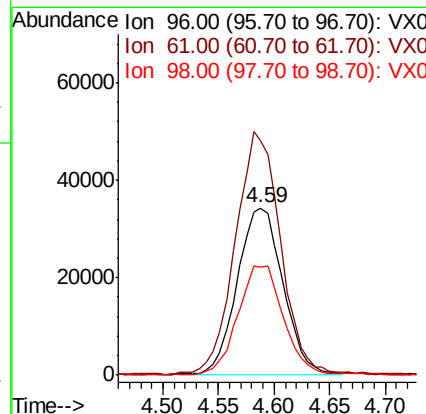
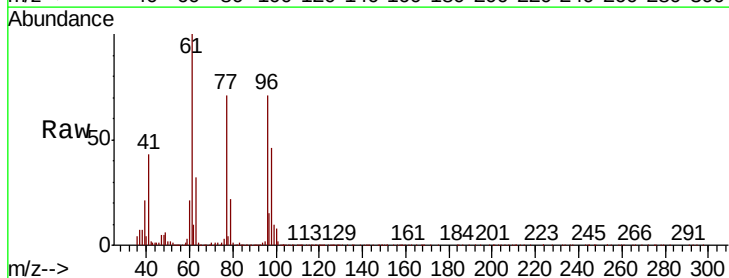
RT: 4.59 min Scan# 607

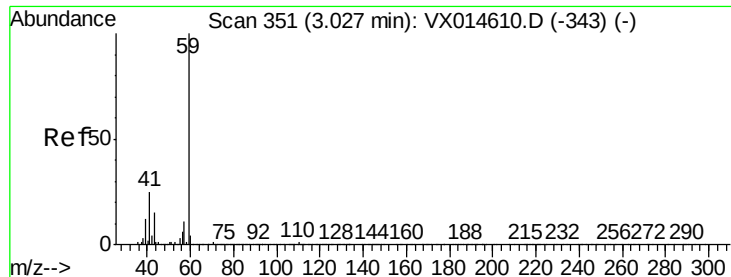
Delta R.T. 0.00 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

Tgt Ion:	96	Resp:	98240
Ion	Ratio	Lower	Upper
96	100		
61	141.9	112.4	168.6
98	65.6	50.3	75.5



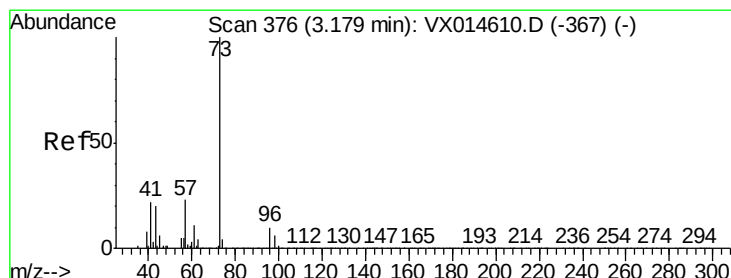
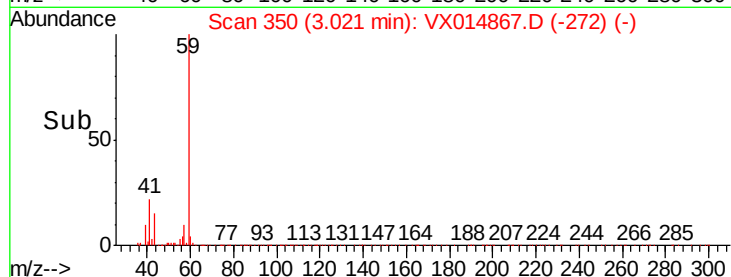
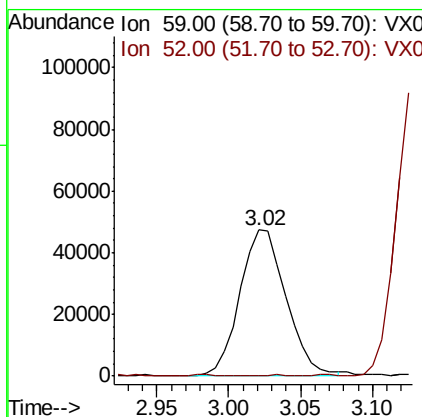
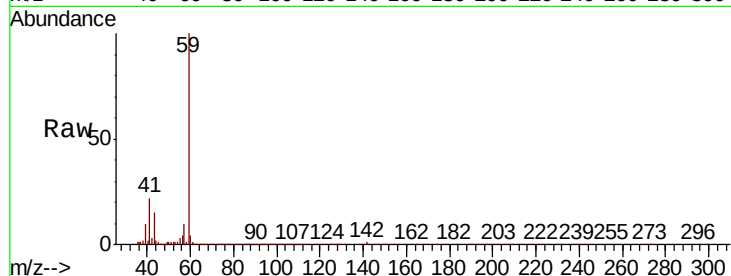


#23

tert-Butyl Alcohol
 Concen: 104.876 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.02 min
 Lab File: VX014867.D
 Acq: 07 Feb 2020 13:41

Instrument :
 MSVOA_X
 ClientSampleId :

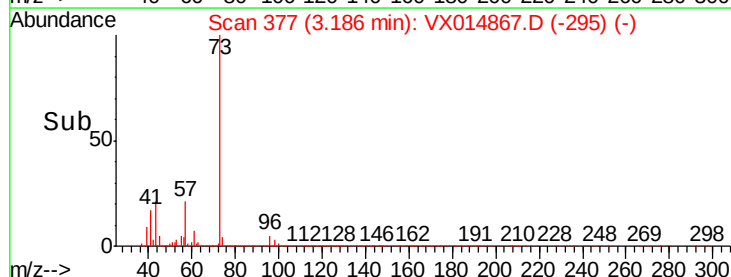
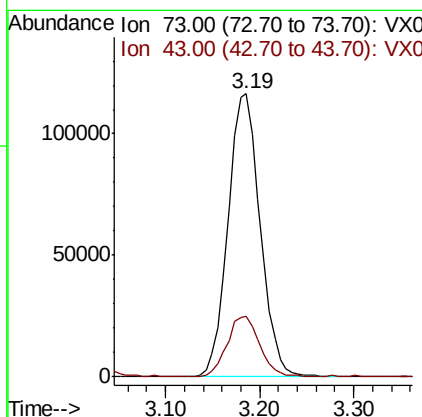
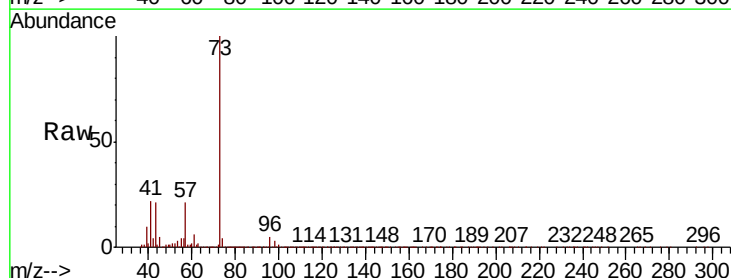
Tot Ion: 59 Resp: 104514
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.2 0.2#

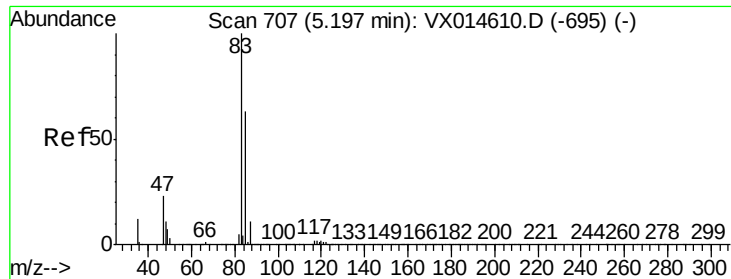


#24

Methyl tert-Butyl Ether
 Concen: 21.150 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX014867.D
 Acq: 07 Feb 2020 13:41

Tgt Ion: 73 Resp: 274395
 Ion Ratio Lower Upper
 73 100
 43 21.3 16.6 25.0

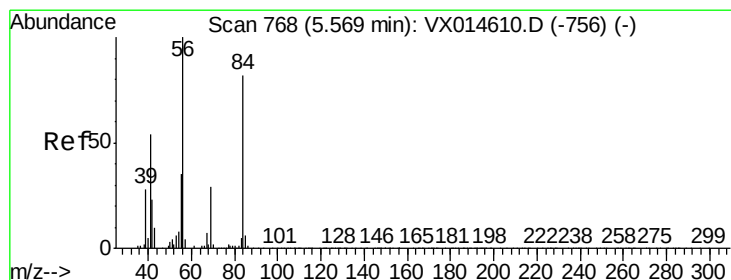
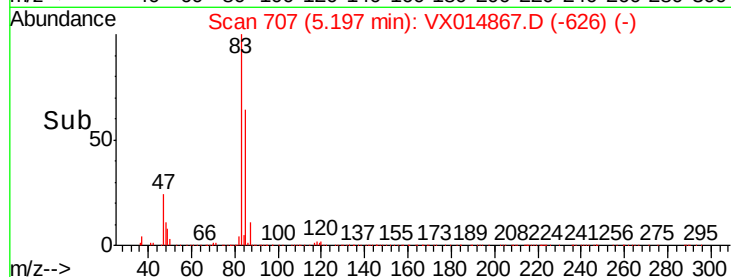
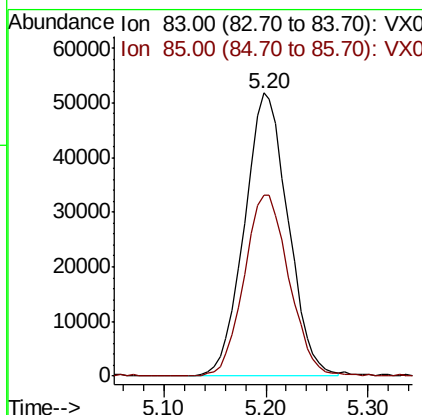
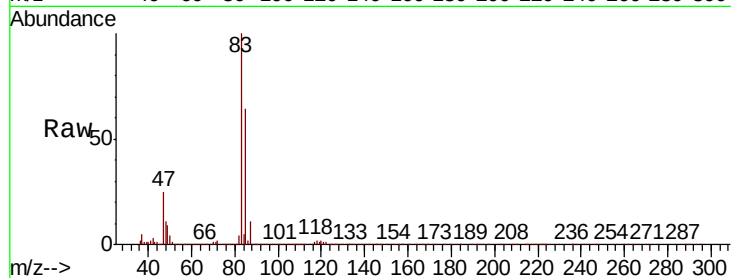




#25
Chloroform
Concen: 20.318 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

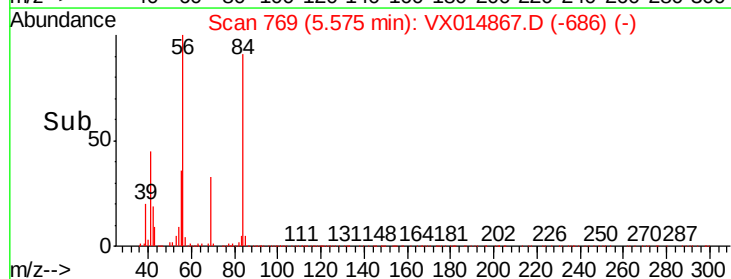
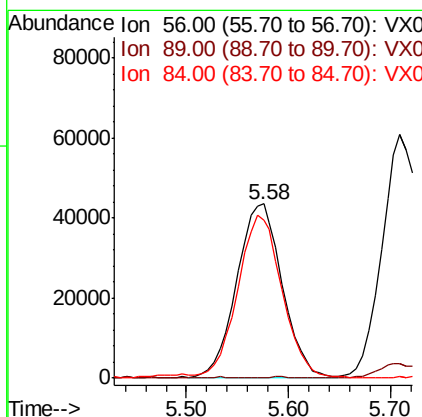
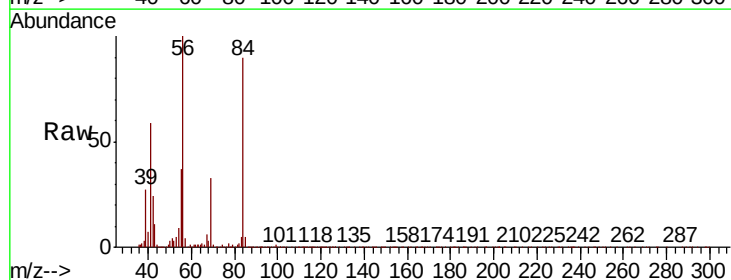
Instrument :
MSVOA_X
ClientSampleId :

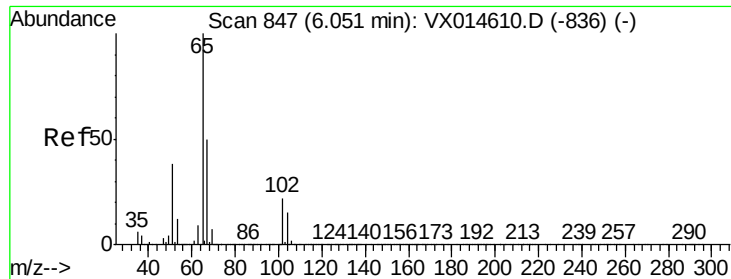
Tot Ion: 83 Resp: 152627
Ion Ratio Lower Upper
83 100
85 64.2 52.7 79.1



#26
Cyclohexane
Concen: 18.781 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

Tgt Ion: 56 Resp: 134341
Ion Ratio Lower Upper
56 100
89 0.1 0.1 0.1#
84 91.2 70.8 106.2

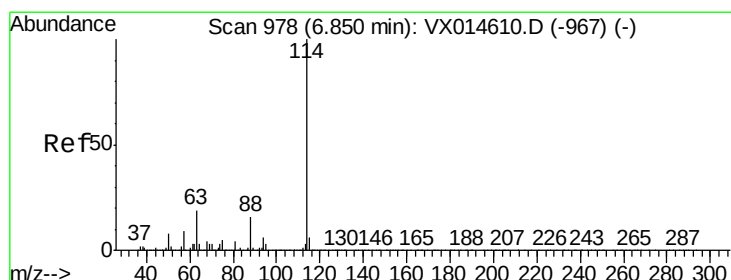
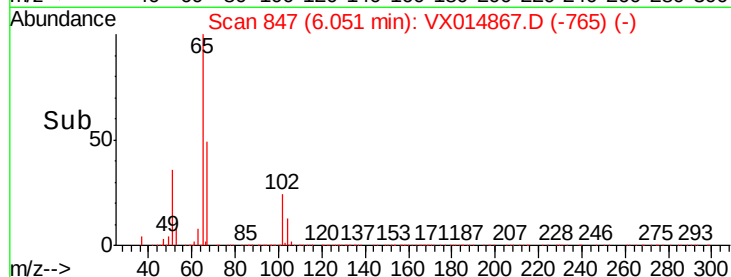
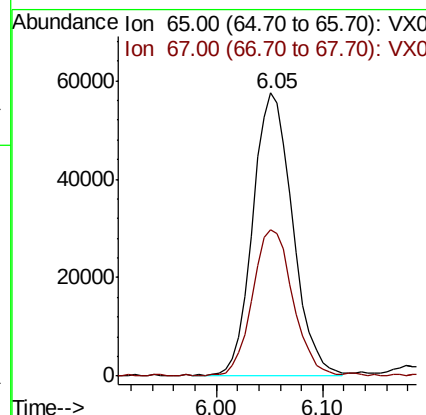
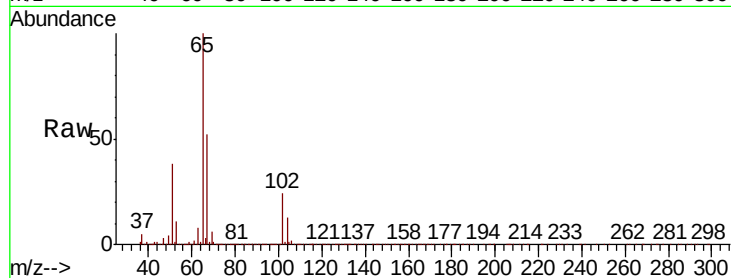




#27
 1,2-Dichloroethane-d4
 Concen: 30.532 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014867.D
 Acq: 07 Feb 2020 13:41

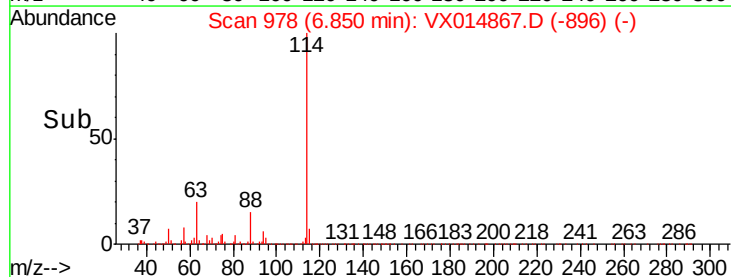
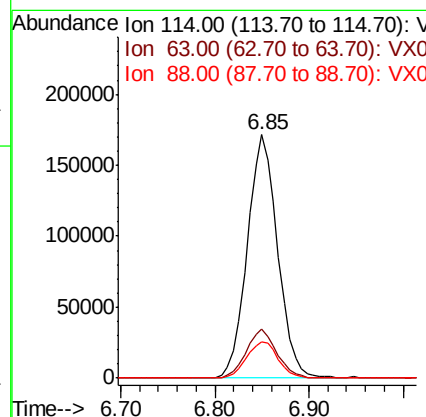
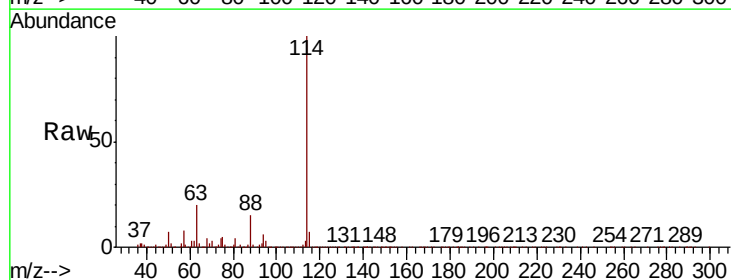
Instrument :
 MSVOA_X
 ClientSampleId :

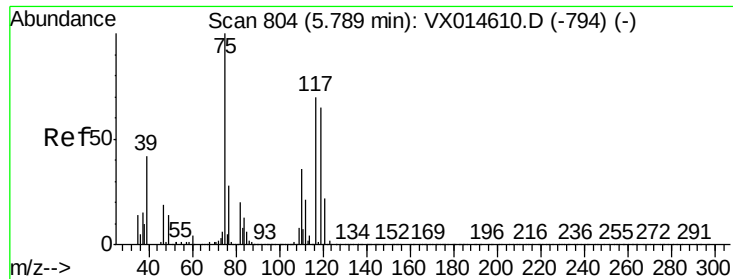
Tot Ion: 65 Resp: 151127
 Ion Ratio Lower Upper
 65 100
 67 52.5 43.1 64.7



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014867.D
 Acq: 07 Feb 2020 13:41

Tgt Ion: 114 Resp: 386661
 Ion Ratio Lower Upper
 114 100
 63 19.9 16.1 24.1
 88 15.6 12.5 18.7

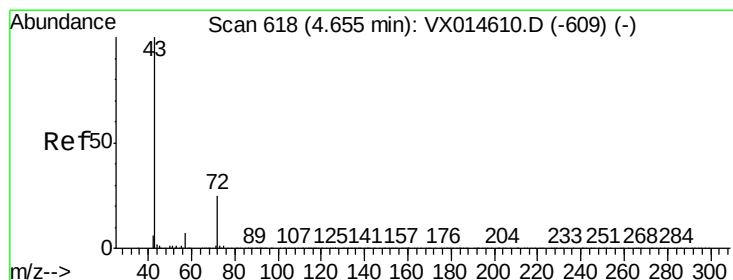
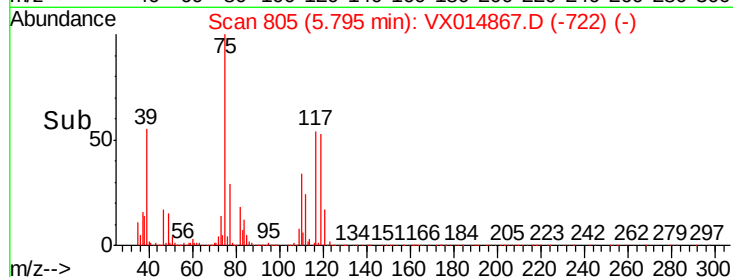
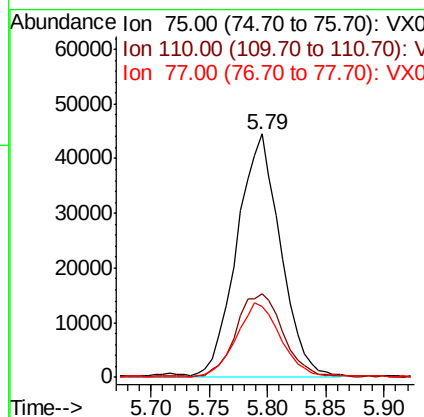
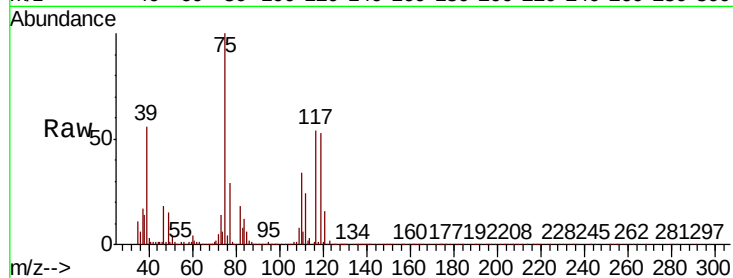




#29
1,1-Dichloropropene
Concen: 20.329 ug/l
RT: 5.79 min Scan# 805
Delta R.T. 0.01 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

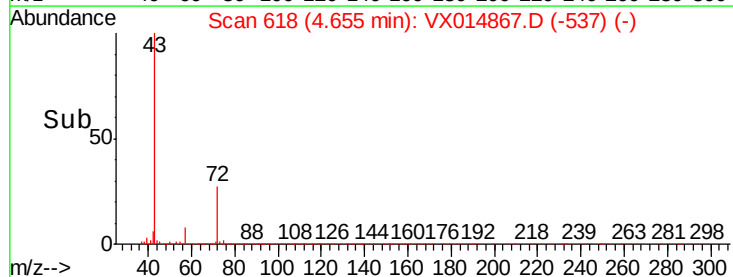
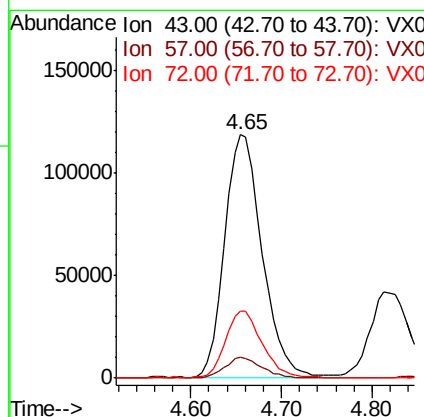
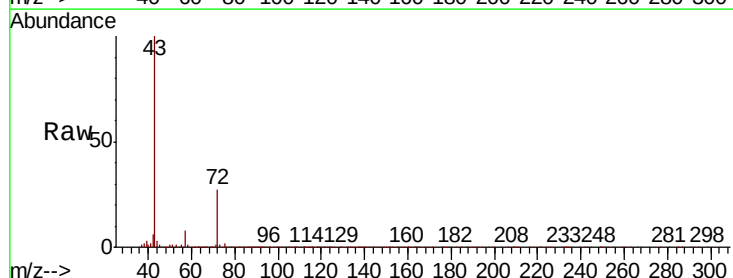
Instrument :
MSVOA_X
ClientSampled :

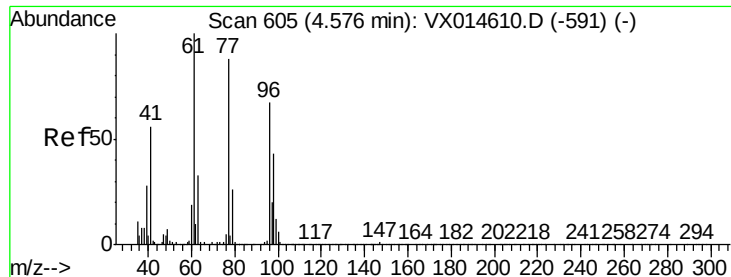
Tot Ion:	75	Resp:	115279
Ion	Ratio	Lower	Upper
75	100		
110	37.1	0.0	73.8
77	30.5	0.0	62.4



#30
2-Butanone
Concen: 94.475 ug/l
RT: 4.65 min Scan# 618
Delta R.T. -0.01 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

Tgt Ion:	43	Resp:	339369
Ion	Ratio	Lower	Upper
43	100		
57	8.0	6.2	9.2
72	26.4	20.3	30.5





#31

2,2-Dichloropropane

Concen: 21.667 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

Instrument :

MSVOA_X

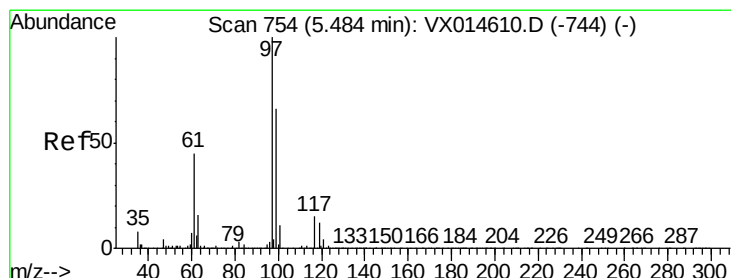
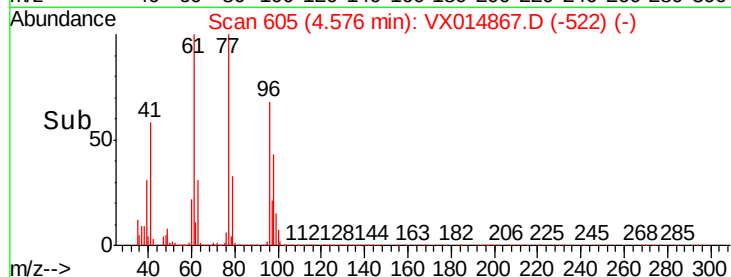
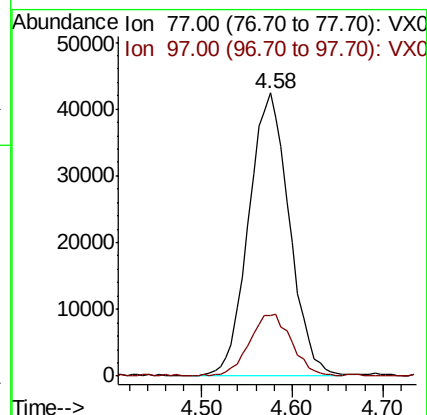
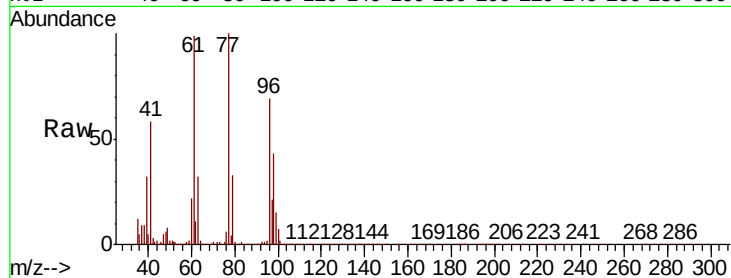
ClientSampleId :

Tot Ion: 77 Resp: 131468

Ion Ratio Lower Upper

77 100

97 22.7 19.7 29.5



#32

1,1,1-Trichloroethane

Concen: 21.457 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

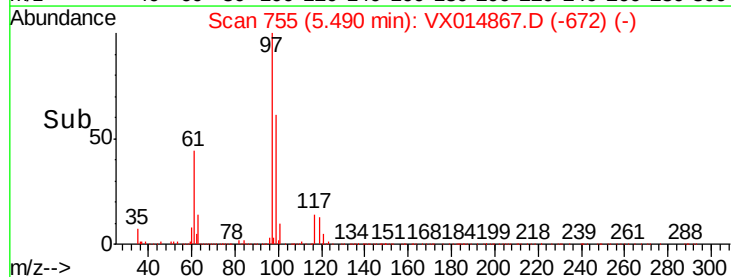
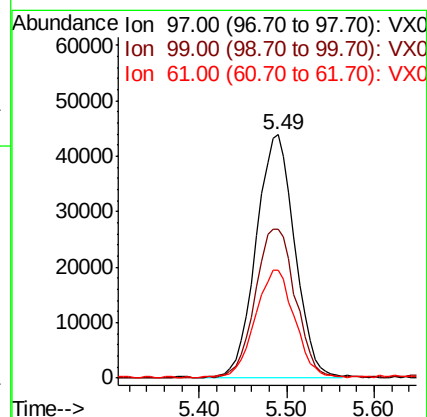
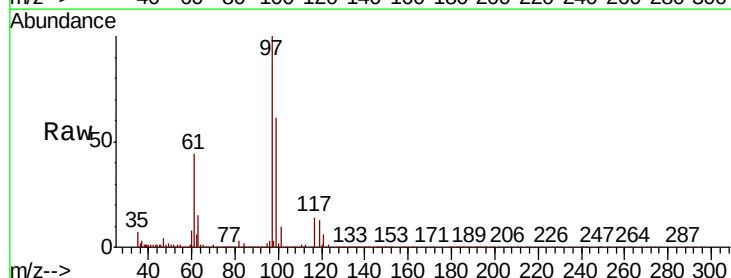
Tgt Ion: 97 Resp: 134615

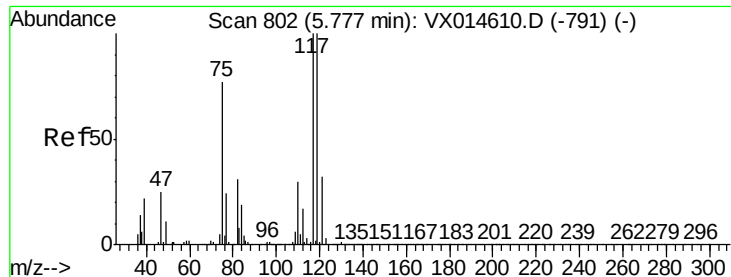
Ion Ratio Lower Upper

97 100

99 63.7 51.9 77.9

61 44.8 36.8 55.2





#33

Carbon Tetrachloride

Concen: 21.387 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.00 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

Instrument :

MSVOA_X

ClientSampleId :

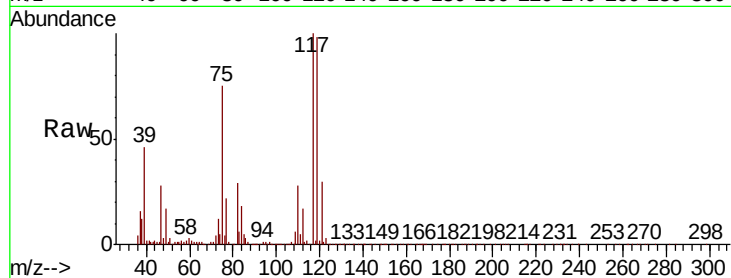
Tot Ion:117 Resp: 115190

Ion Ratio Lower Upper

117 100

119 98.0 77.2 115.8

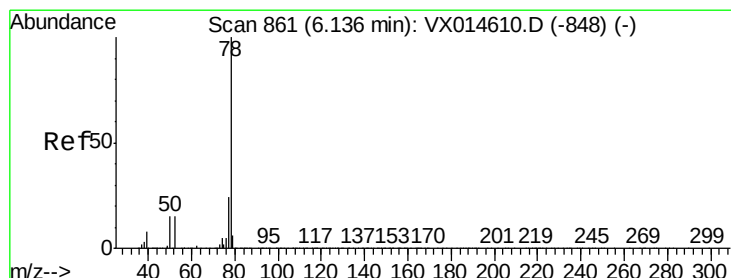
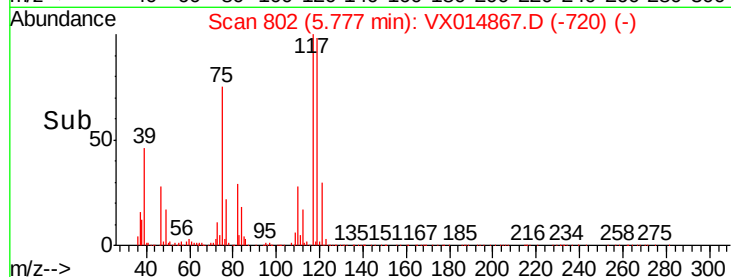
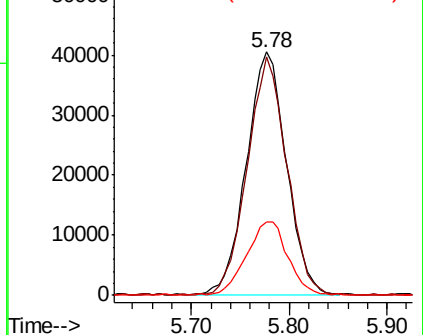
121 29.8 24.8 37.2



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.957 ug/l

RT: 6.14 min Scan# 861

Delta R.T. 0.01 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

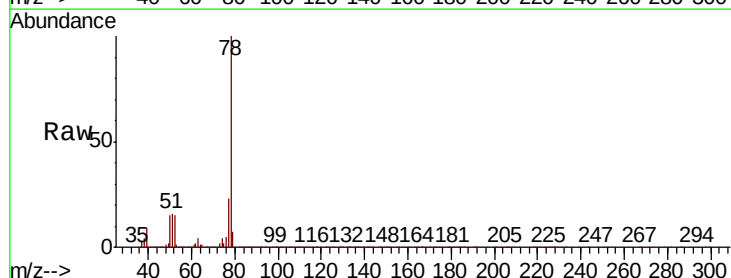
Tgt Ion: 78 Resp: 349702

Ion Ratio Lower Upper

78 100

77 23.2 18.2 27.2

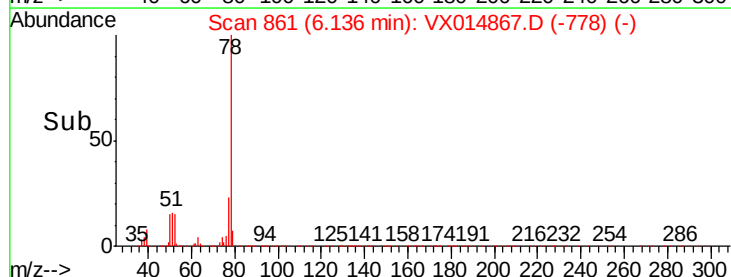
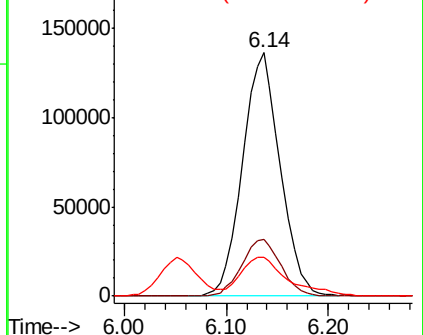
51 14.6 12.4 18.6

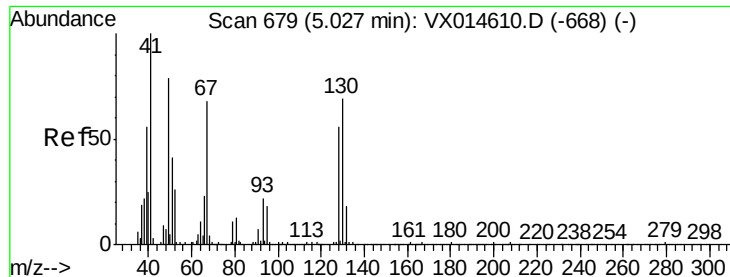


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

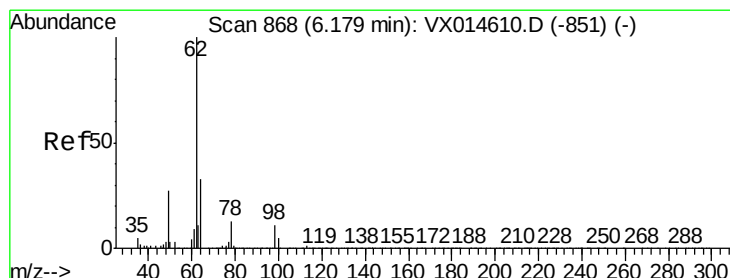
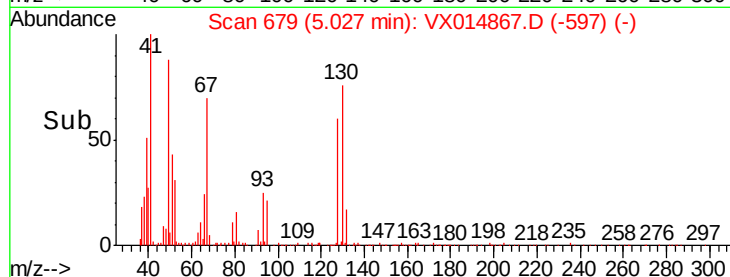
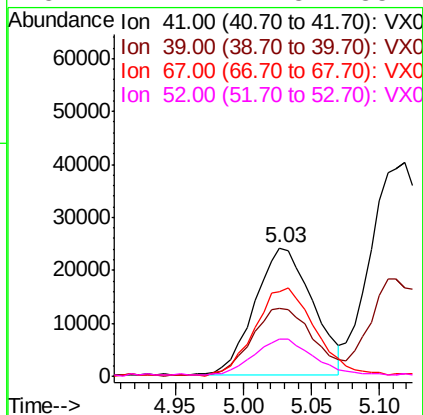
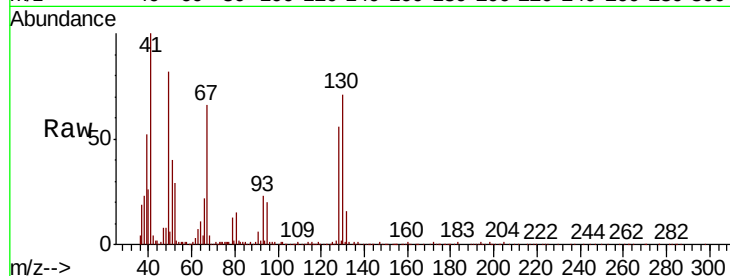




#35
Methacrylonitrile
Concen: 19.949 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

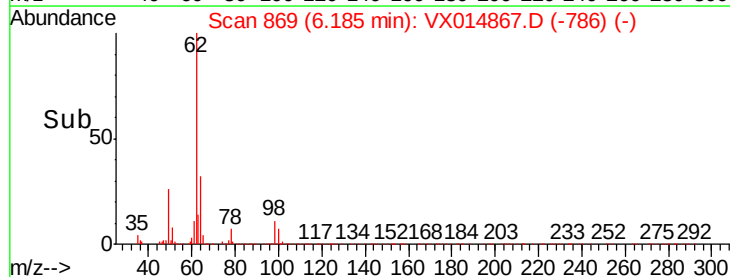
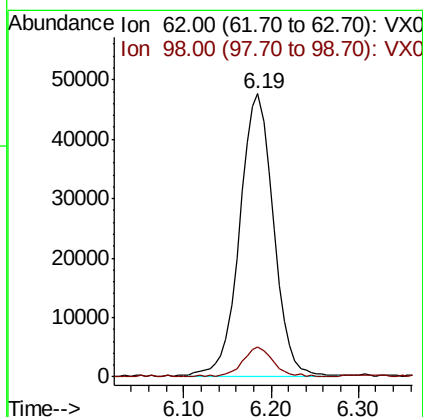
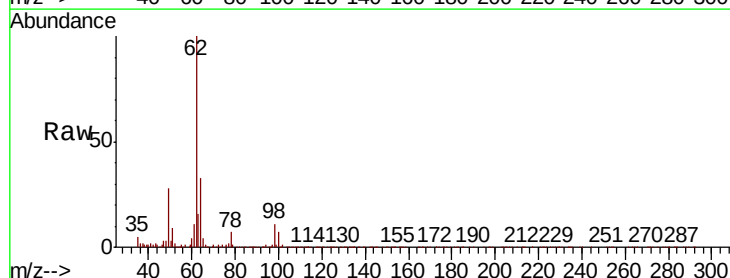
Instrument :
MSVOA_X
ClientSampleId :

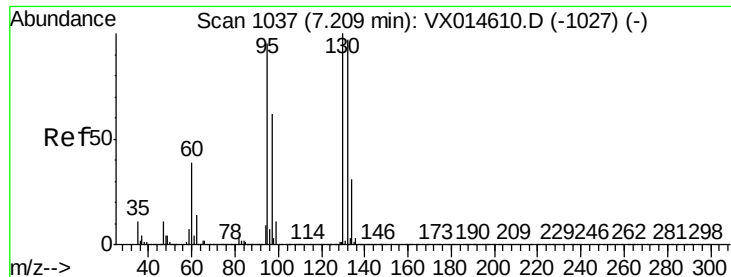
Tot Ion:	41	Resp:	71568
Ion	Ratio	Lower	Upper
41	100		
39	51.7	26.7	80.1
67	65.1	31.5	94.5
52	27.2	12.8	38.4



#36
1,2-Dichloroethane
Concen: 20.800 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

Tgt Ion:	62	Resp:	126842
Ion	Ratio	Lower	Upper
62	100		
98	9.5	8.4	12.6

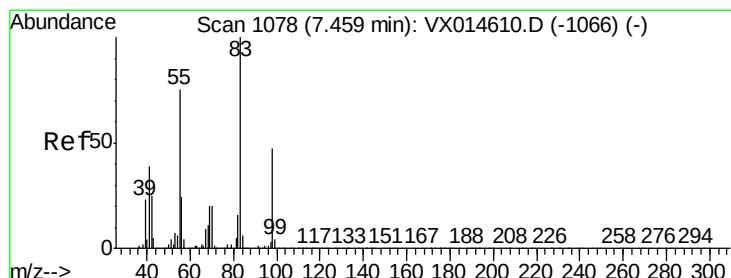
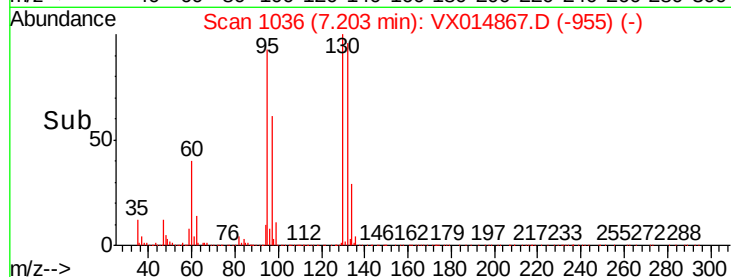
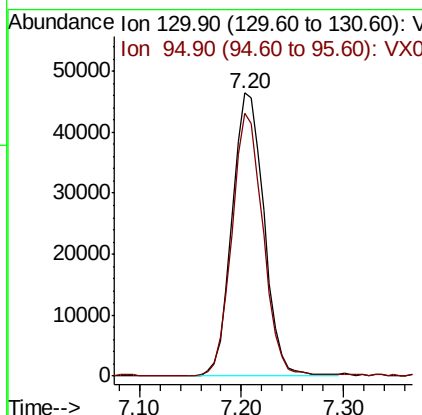
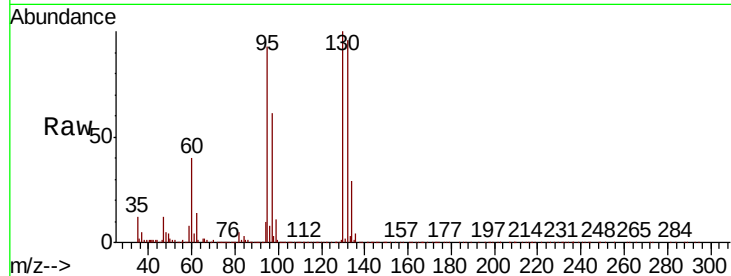




#37
 Trichloroethene
 Concen: 21.029 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014867.D
 Acq: 07 Feb 2020 13:41

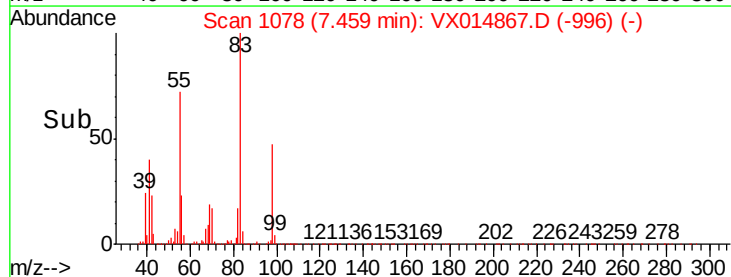
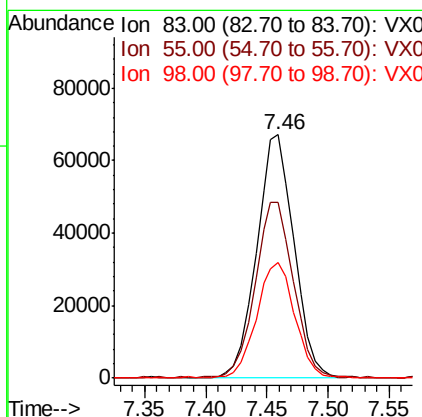
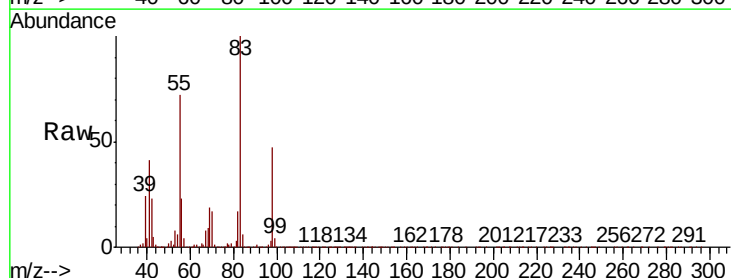
Instrument :
 MSVOA_X
 ClientSampled :

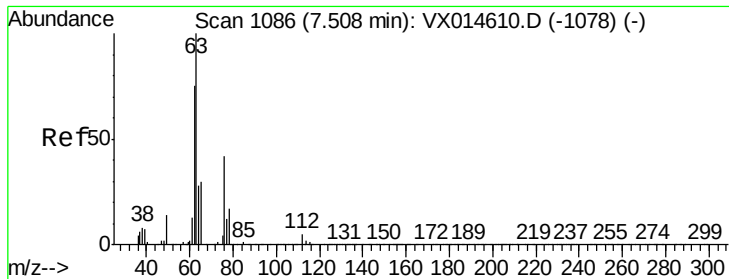
Tot Ion:130 Resp: 100895
 Ion Ratio Lower Upper
 130 100
 95 92.9 71.7 107.5



#38
 Methylcyclohexane
 Concen: 20.176 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: VX014867.D
 Acq: 07 Feb 2020 13:41

Tgt Ion: 83 Resp: 142453
 Ion Ratio Lower Upper
 83 100
 55 73.2 39.4 118.1
 98 48.4 25.1 75.3

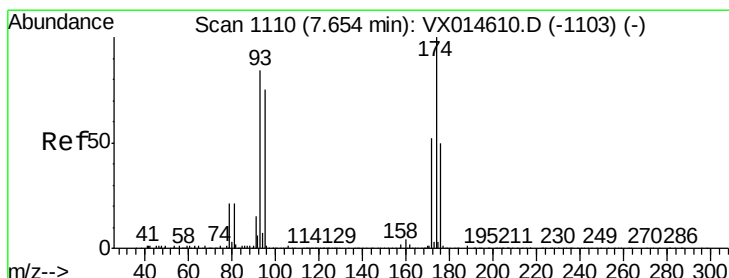
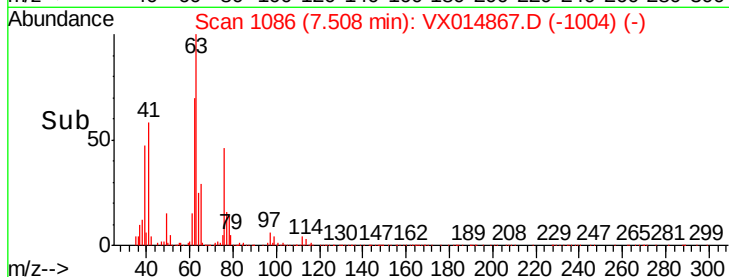
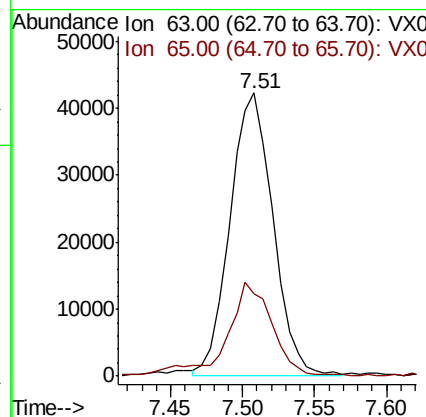
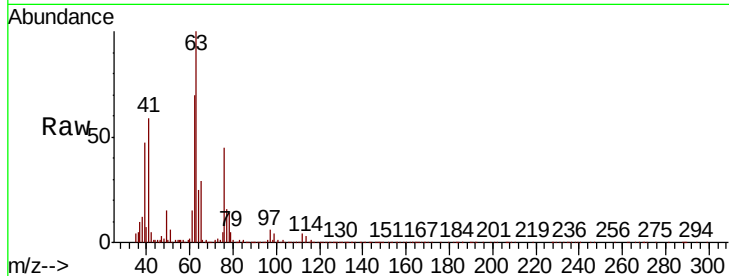




#39
 1,2-Dichloropropane
 Concen: 19.111 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014867.D
 Acq: 07 Feb 2020 13:41

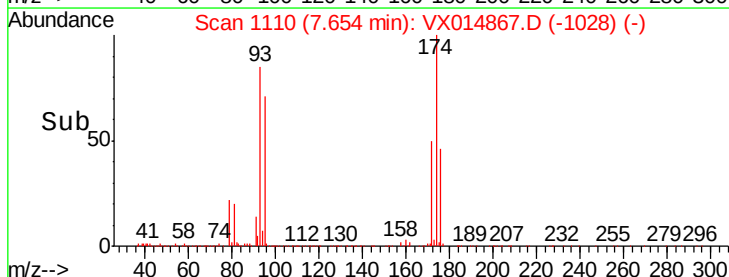
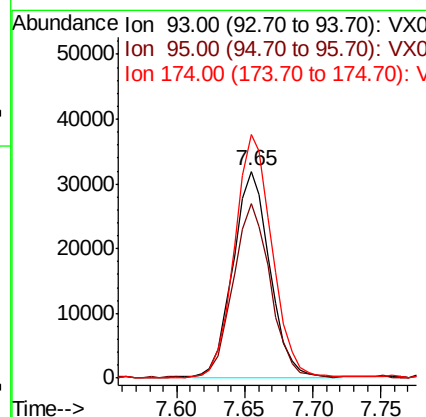
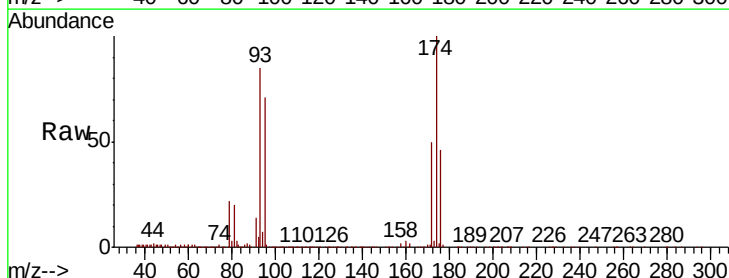
Instrument :
 MSVOA_X
 ClientSampleID :

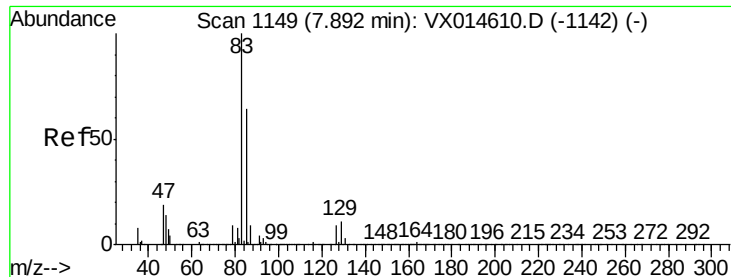
Tot Ion: 63 Resp: 87083
 Ion Ratio Lower Upper
 63 100
 65 28.7 22.1 33.1



#40
 Dibromomethane
 Concen: 20.665 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014867.D
 Acq: 07 Feb 2020 13:41

Tgt Ion: 93 Resp: 60516
 Ion Ratio Lower Upper
 93 100
 95 84.1 0.0 164.4
 174 120.1 0.0 228.8





#41

Bromodichloromethane

Concen: 20.610 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

Instrument :

MSVOA_X

ClientSampleId :

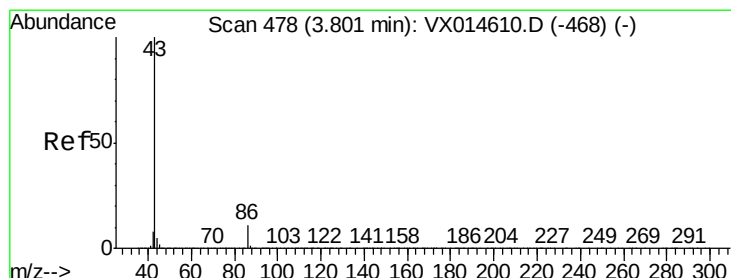
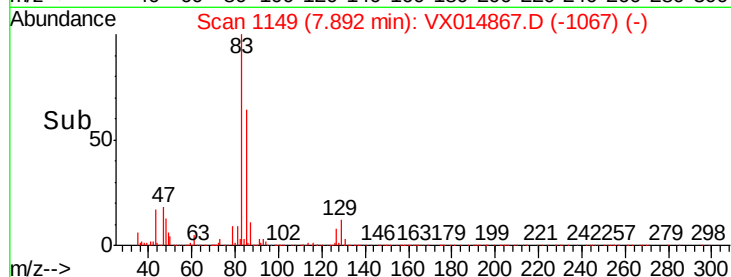
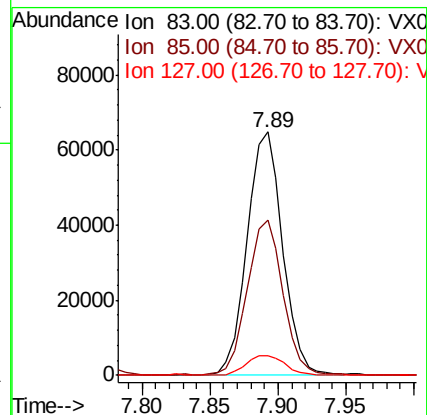
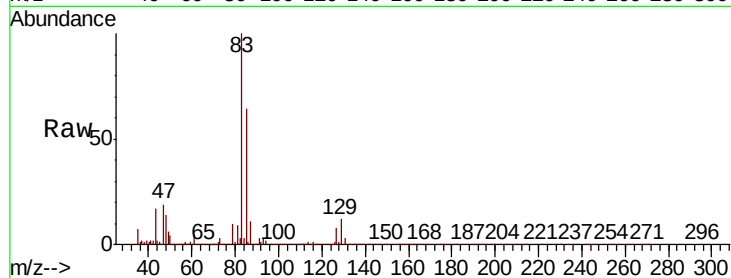
Tot Ion: 83 Resp: 118190

Ion Ratio Lower Upper

83 100

85 63.6 51.6 77.4

127 8.0 6.0 9.0



#42

Vinyl Acetate

Concen: 100.327 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014867.D

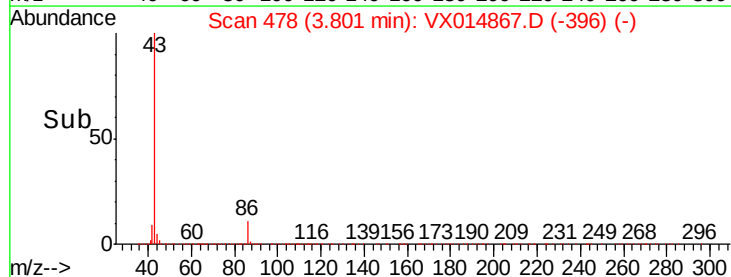
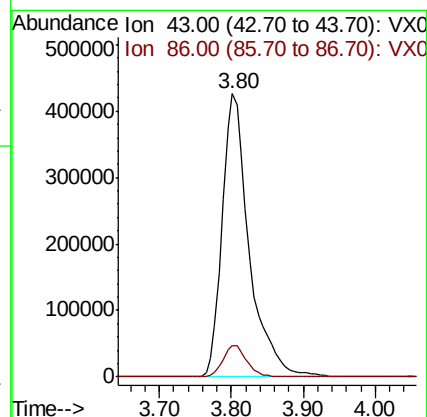
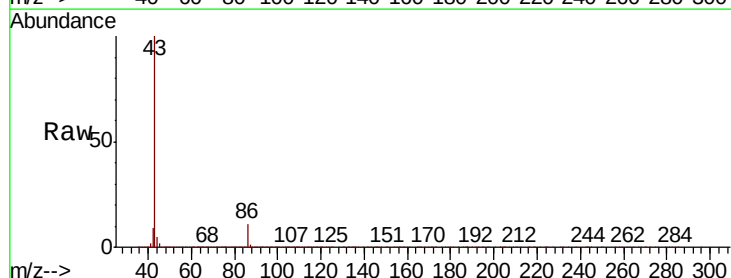
Acq: 07 Feb 2020 13:41

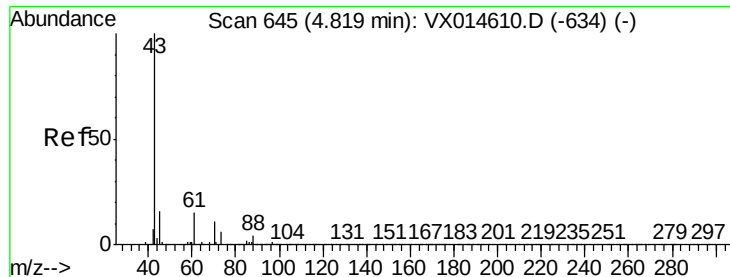
Tgt Ion: 43 Resp: 1110801

Ion Ratio Lower Upper

43 100

86 9.7 7.7 11.5





#43

Ethyl Acetate

Concen: 19.610 ug/l

RT: 4.81 min Scan# 644

Delta R.T. -0.01 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

Instrument :

MSVOA_X

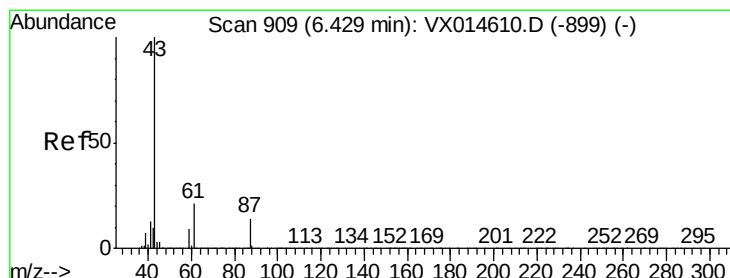
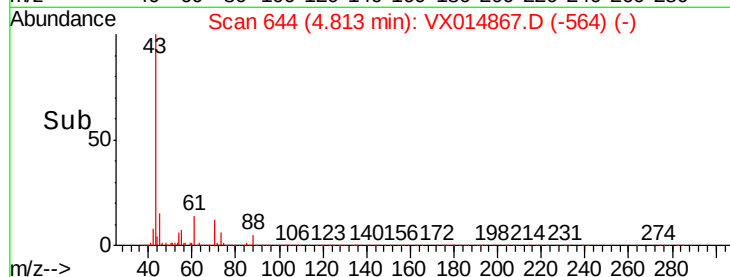
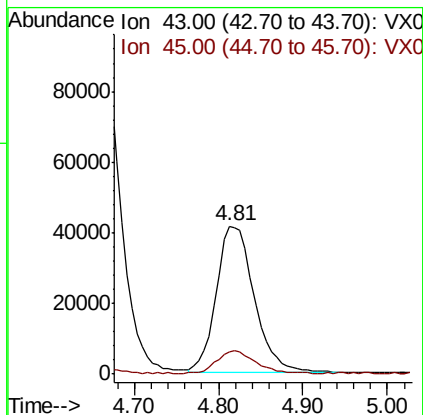
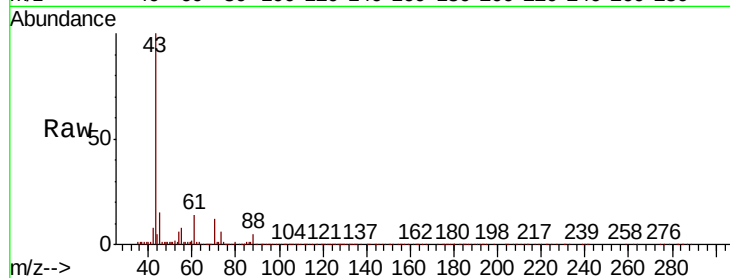
ClientSampleId :

Tot Ion: 43 Resp: 127522

Ion Ratio Lower Upper

43 100

45 15.5 11.8 17.8



#44

Isopropyl Acetate

Concen: 19.990 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014867.D

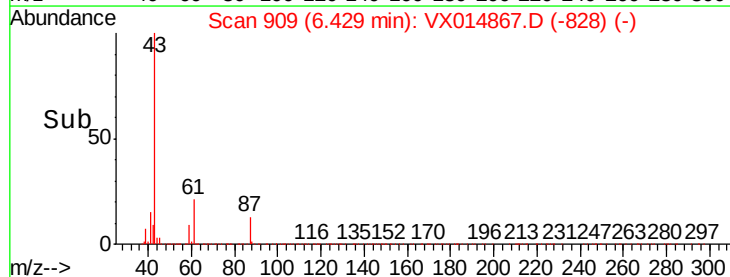
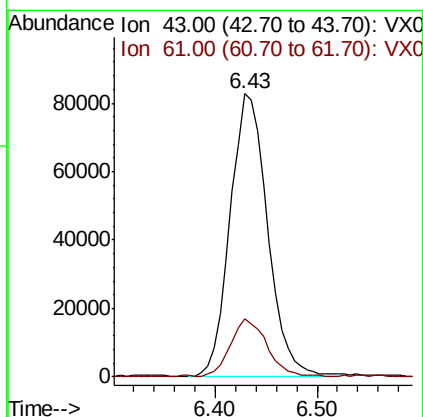
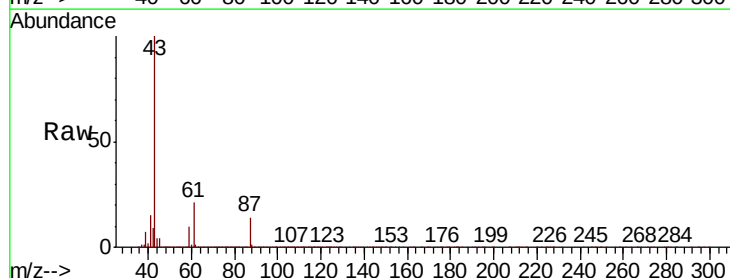
Acq: 07 Feb 2020 13:41

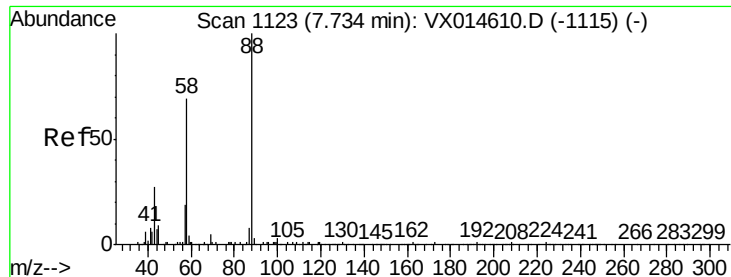
Tgt Ion: 43 Resp: 209703

Ion Ratio Lower Upper

43 100

61 19.7 15.9 23.9





#45

1,4-Dioxane

Concen: 428.232 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

Instrument :

MSVOA_X

ClientSampleId :

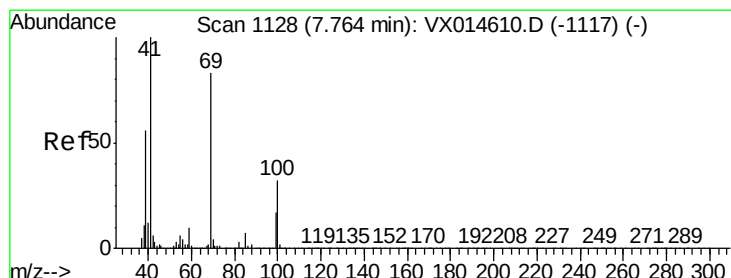
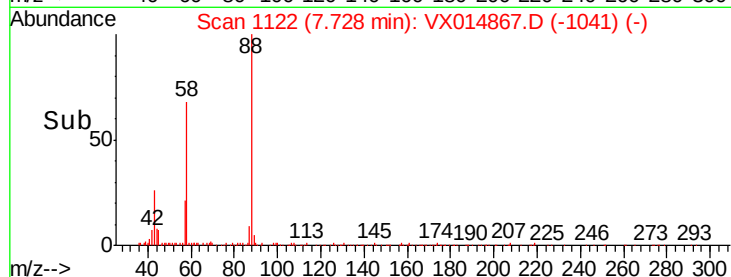
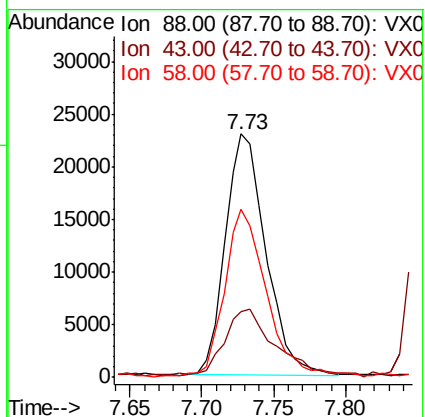
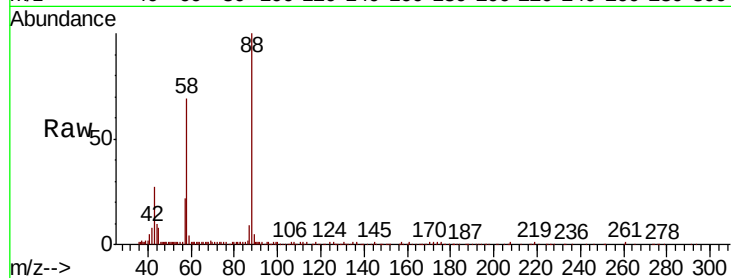
Tot Ion: 88 Resp: 44936

Ion Ratio Lower Upper

88 100

43 32.2 25.4 38.2

58 69.6 56.5 84.7



#46

Methyl methacrylate

Concen: 20.125 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

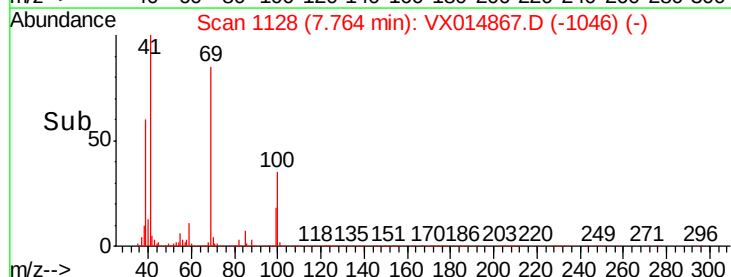
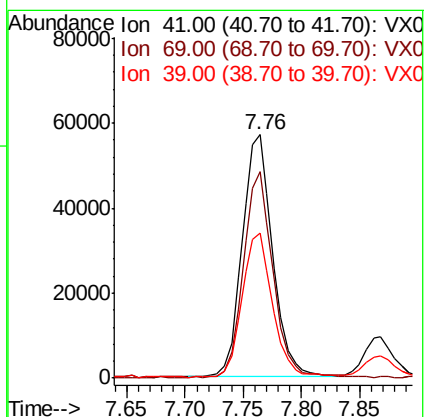
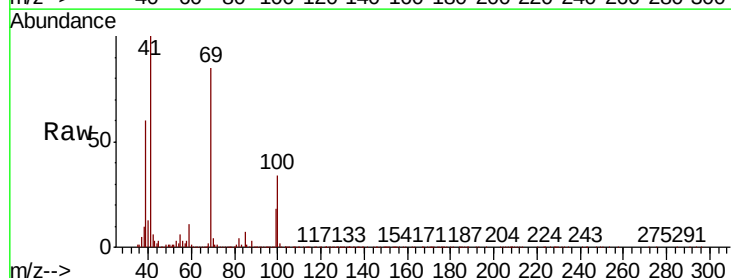
Tgt Ion: 41 Resp: 103819

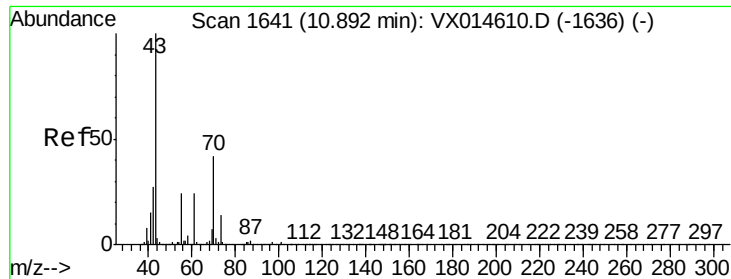
Ion Ratio Lower Upper

41 100

69 85.1 40.6 122.0

39 59.7 27.8 83.3

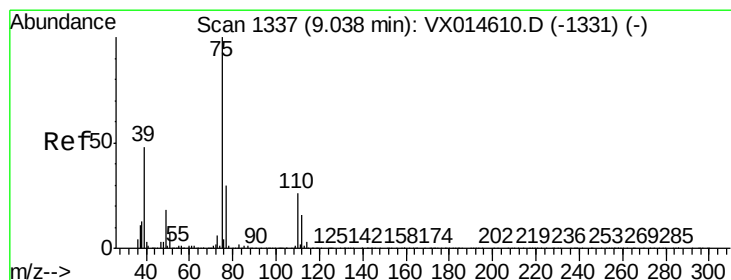
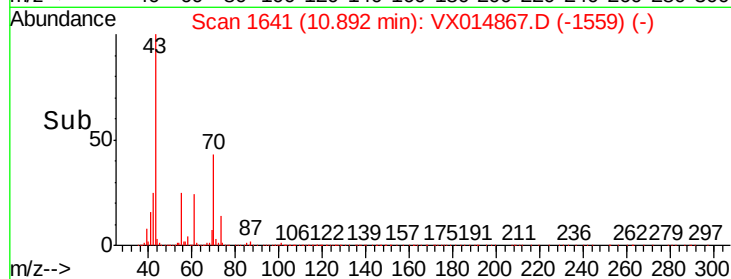
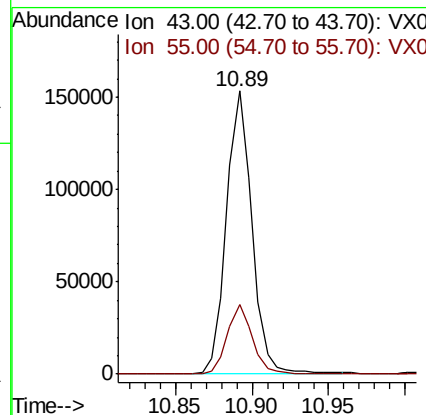
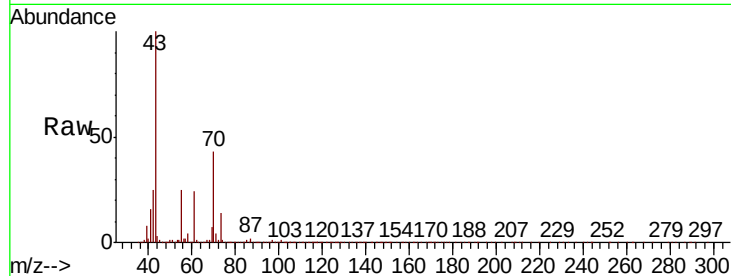




#47
n-amvl Acetate
Concen: 20.061 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

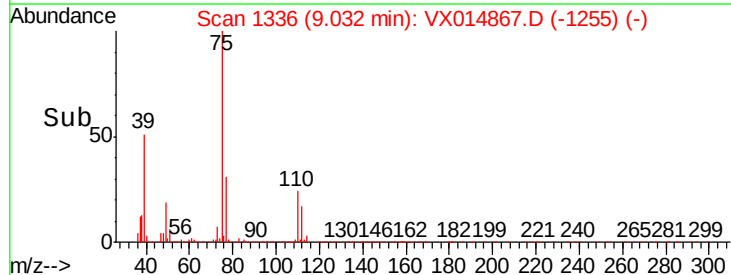
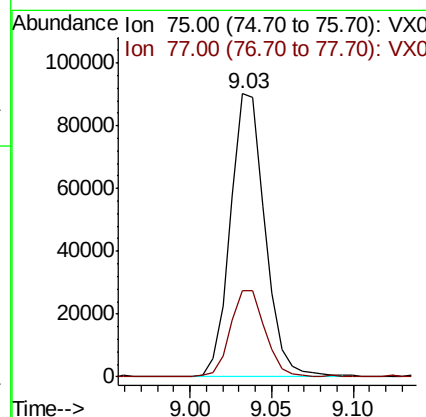
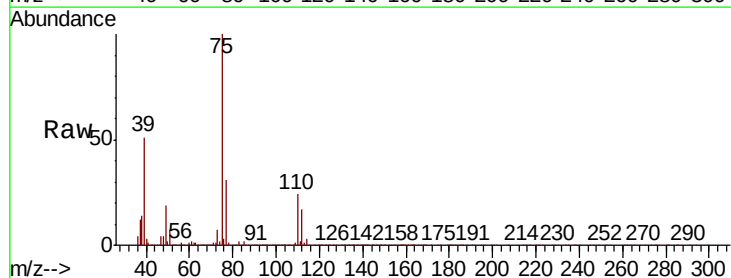
Instrument :
MSVOA_X
ClientSampled :

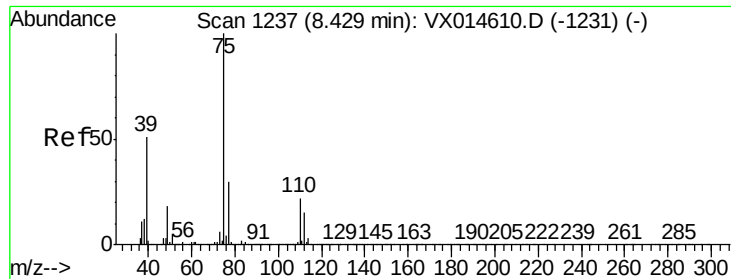
Tot Ion: 43 Resp: 176334
Ion Ratio Lower Upper
43 100
55 24.8 19.4 29.2



#48
t-1,3-Dichloropropene
Concen: 21.158 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

Tgt Ion: 75 Resp: 132468
Ion Ratio Lower Upper
75 100
77 30.3 26.0 39.0



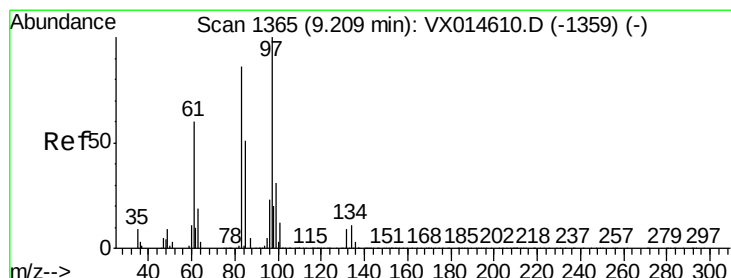
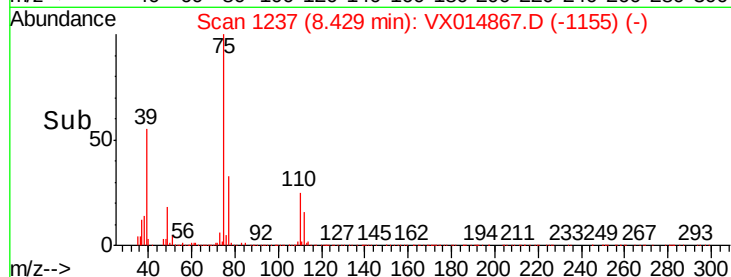
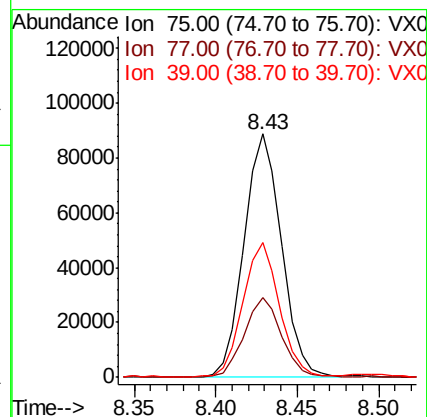
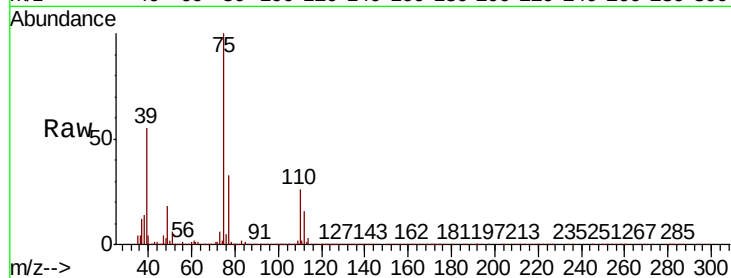


#49

cis-1,3-Dichloropropene
 Concen: 20.185 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX014867.D
 Acq: 07 Feb 2020 13:41

Instrument :
 MSVOA_X
 ClientSampled :

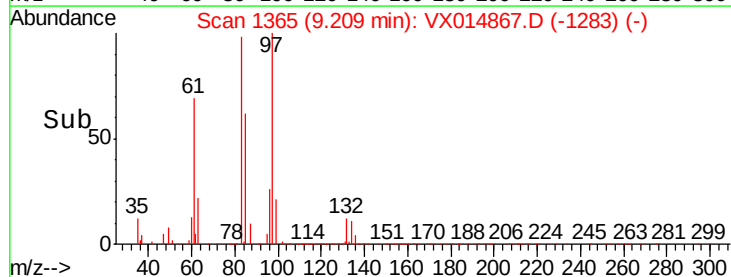
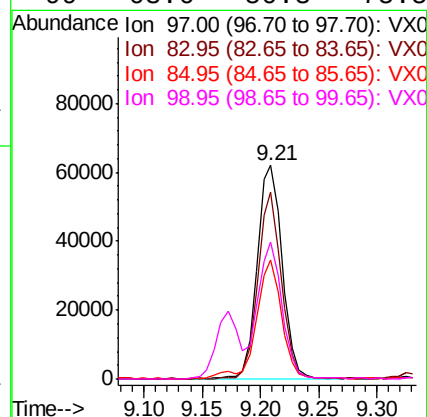
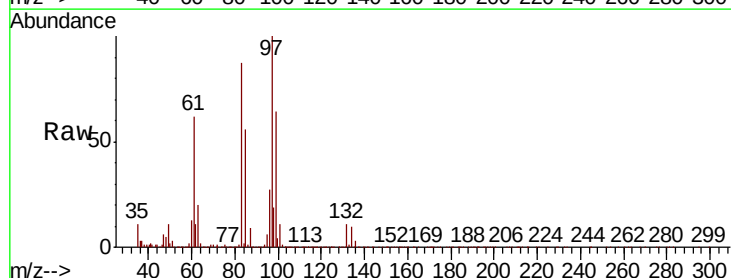
Tot Ion:	75	Resp:	142400
Ion	Ratio	Lower	Upper
75	100		
77	32.7	24.8	37.2
39	55.1	41.1	61.7

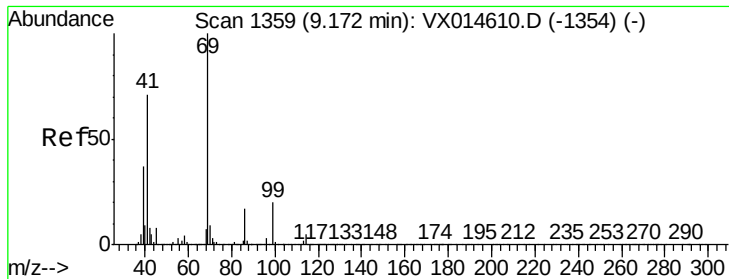


#50

1,1,2-Trichloroethane
 Concen: 20.778 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014867.D
 Acq: 07 Feb 2020 13:41

Tgt Ion:	97	Resp:	92589
Ion	Ratio	Lower	Upper
97	100		
83	87.4	68.1	102.1
85	55.2	42.7	64.1
99	63.6	50.3	75.5





#51

Ethyl methacrylate

Concen: 20.155 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

Instrument :

MSVOA_X

ClientSampleId :

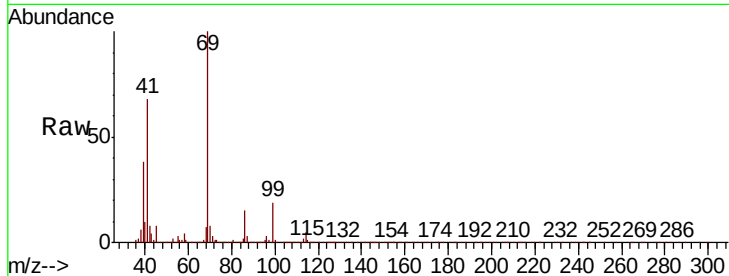
Tot Ion: 69 Resp: 139839

Ion Ratio Lower Upper

69 100

41 67.5 35.4 106.1

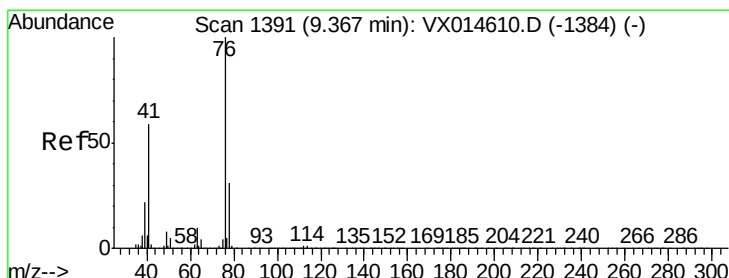
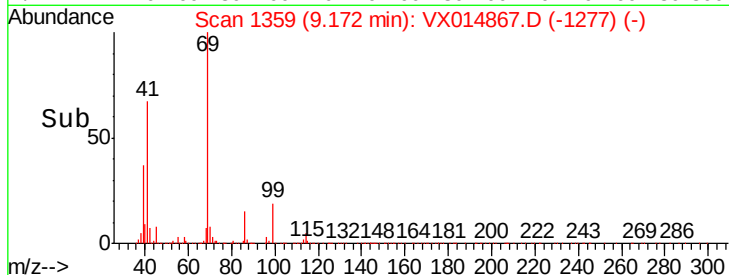
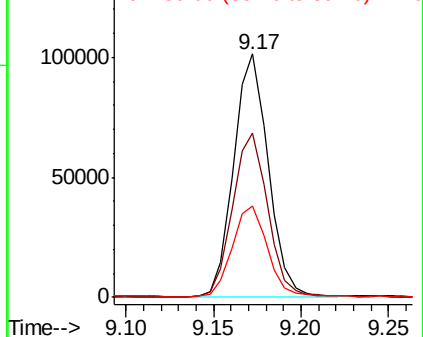
39 37.2 17.8 53.3



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 20.501 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014867.D

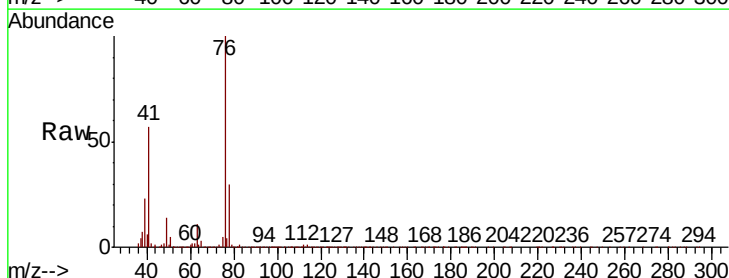
Acq: 07 Feb 2020 13:41

Tgt Ion: 76 Resp: 154775

Ion Ratio Lower Upper

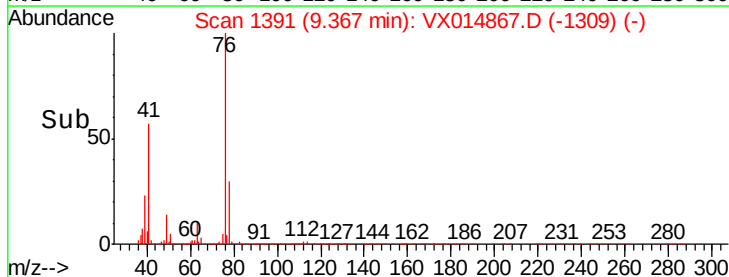
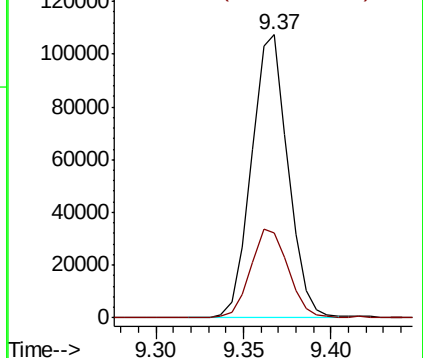
76 100

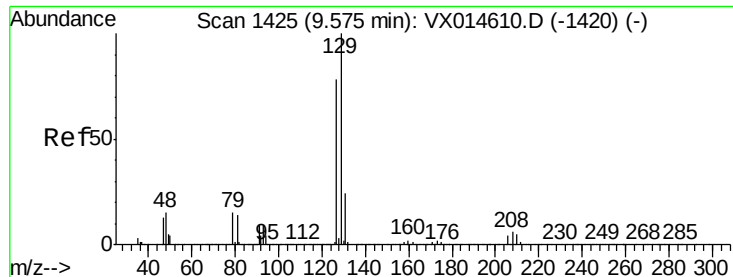
78 32.2 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 21.660 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

Instrument :

MSVOA_X

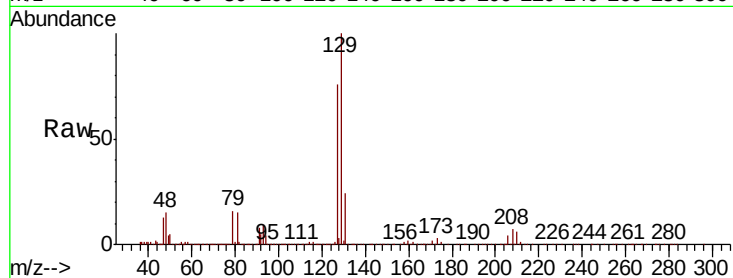
ClientSampleId :

Tot Ion:129 Resp: 98722

Ion Ratio Lower Upper

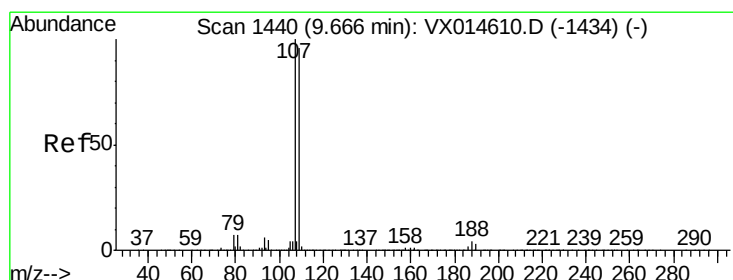
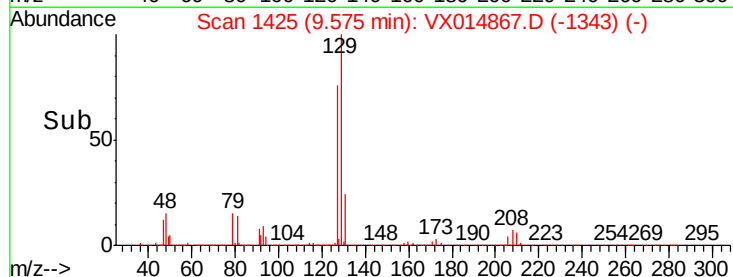
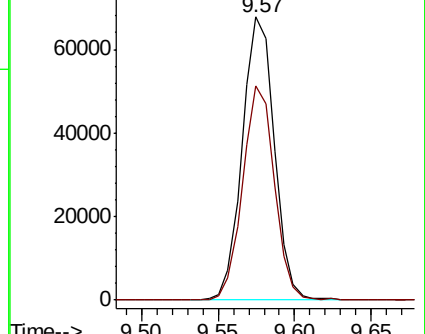
129 100

127 74.7 39.1 117.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 21.463 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014867.D

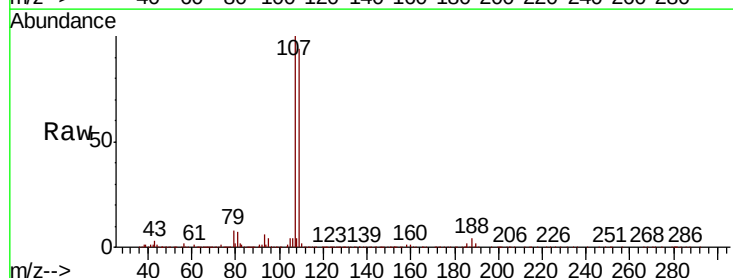
Acq: 07 Feb 2020 13:41

Tgt Ion:107 Resp: 99190

Ion Ratio Lower Upper

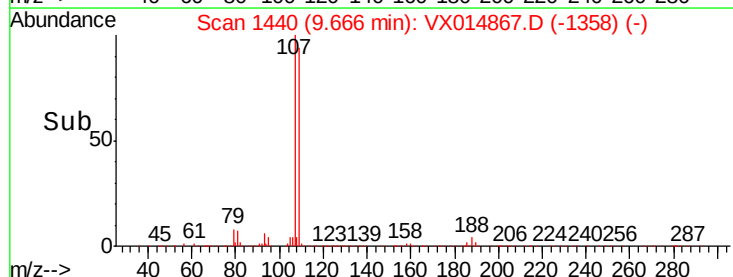
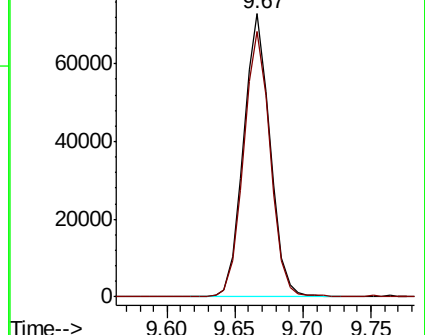
107 100

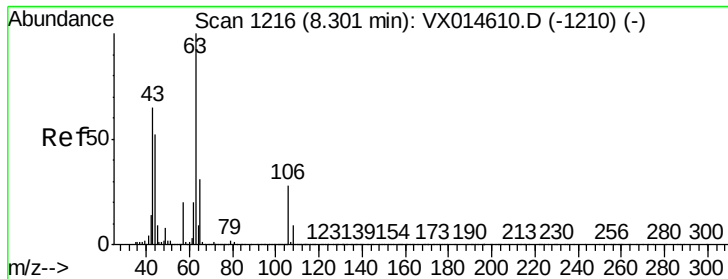
109 93.6 77.2 115.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

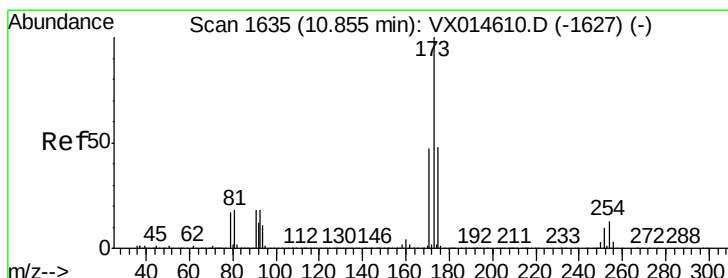
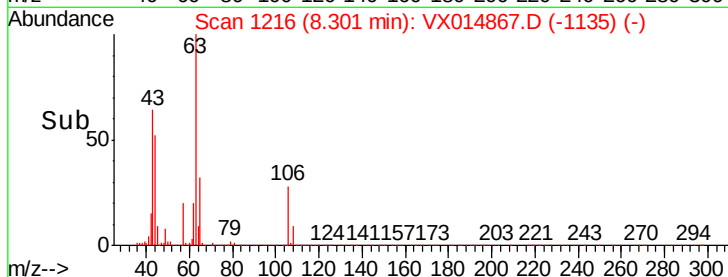
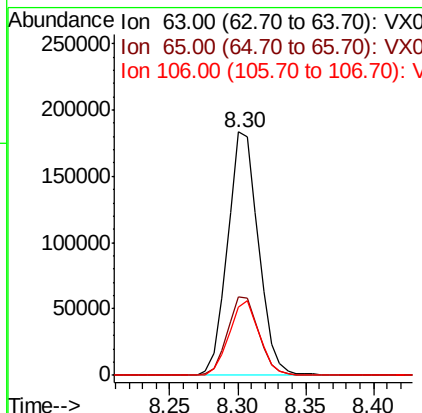
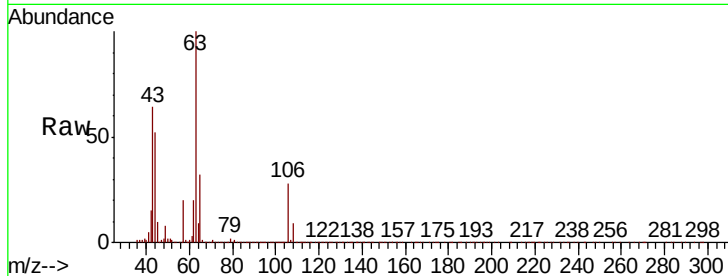




#55
2-Chloroethyl vinyl ether
Concen: 90.416 ug/l
RT: 8.30 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

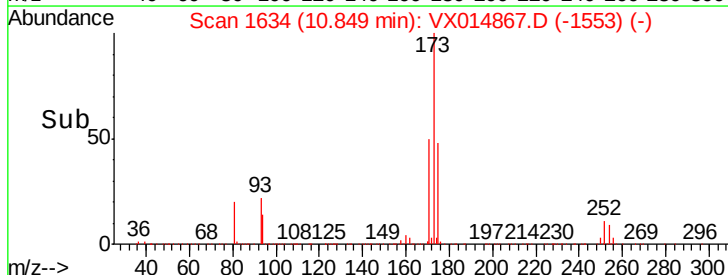
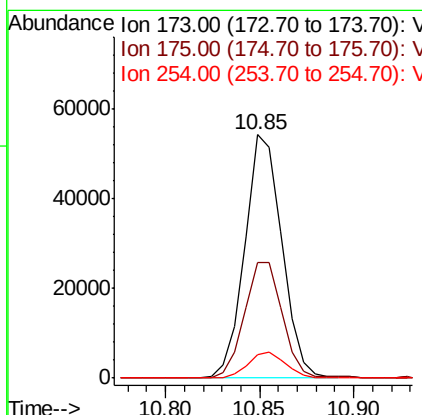
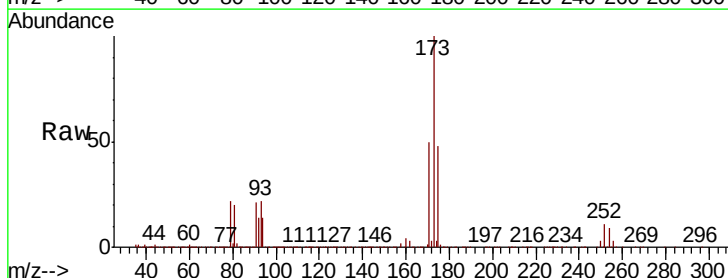
Instrument :
MSVOA_X
ClientSampleId :

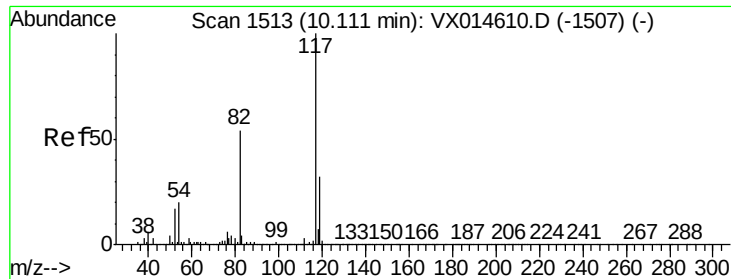
Tot Ion	Ratio	Lower	Upper
63	100		
65	32.6	25.8	38.6
106	30.3	22.9	34.3



#56
Bromoform
Concen: 21.148 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.0	39.5	59.3
254	10.5	8.2	12.4

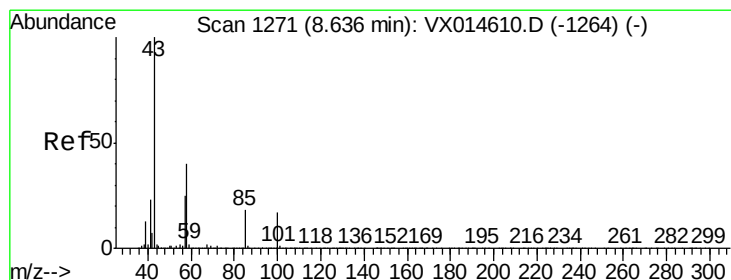
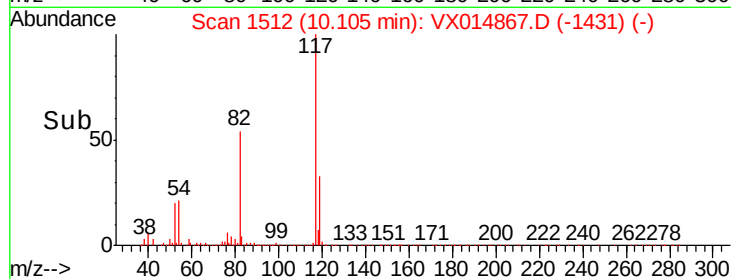
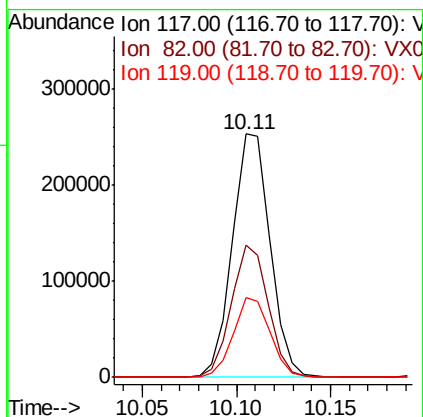
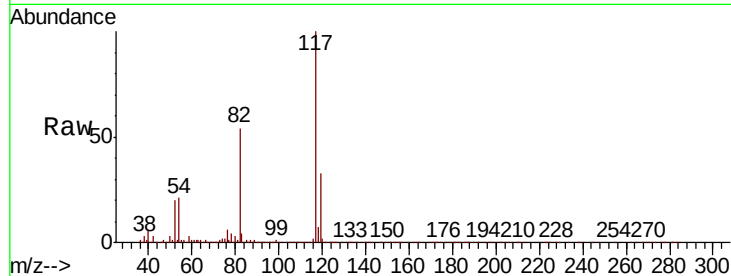




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

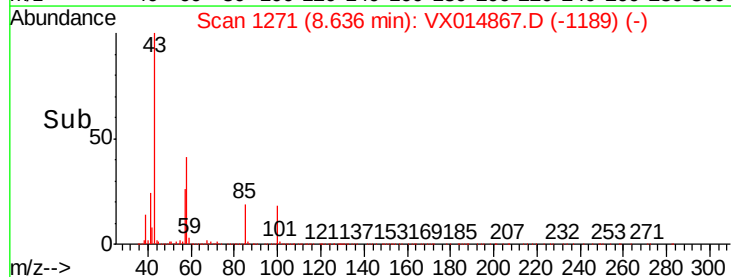
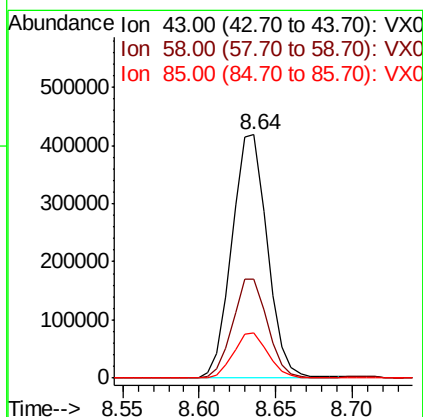
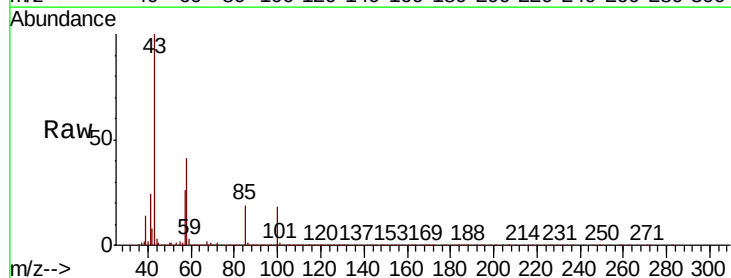
Instrument :
MSVOA_X
ClientSampleId :

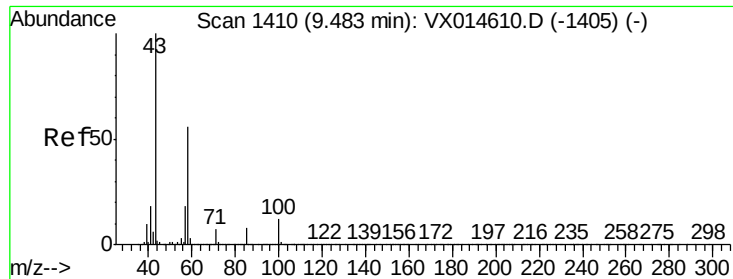
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	43.8	65.6
119	32.2	25.8	38.6



#58
4-Methyl-2-Pentanone
Concen: 101.691 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.9	31.2	46.8
85	18.3	14.2	21.2

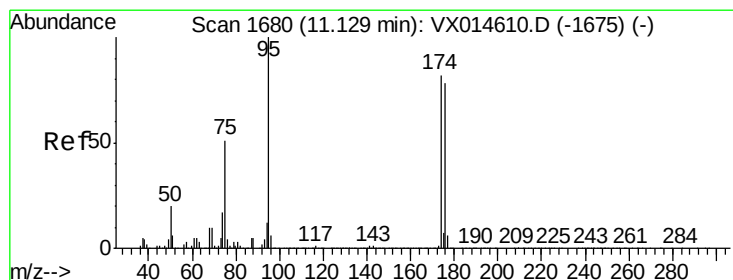
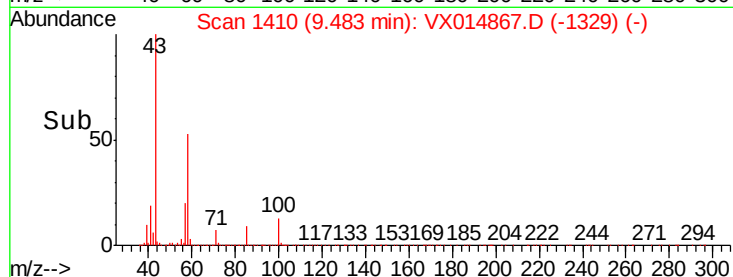
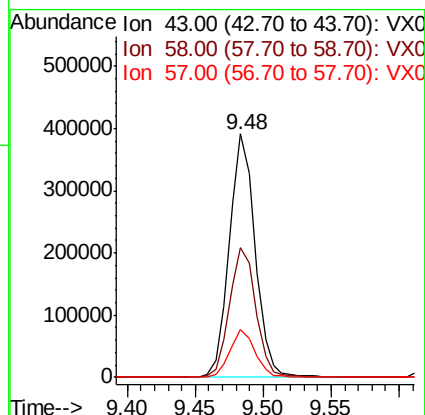
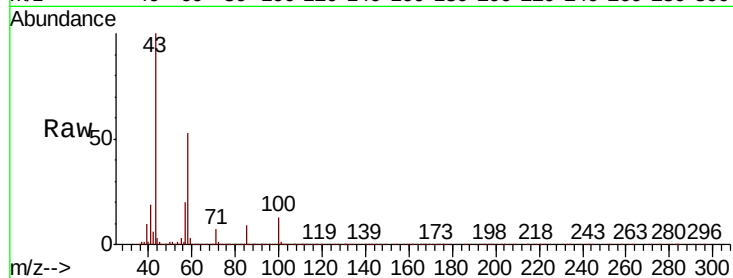




#59
2-Hexanone
Concen: 101.061 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

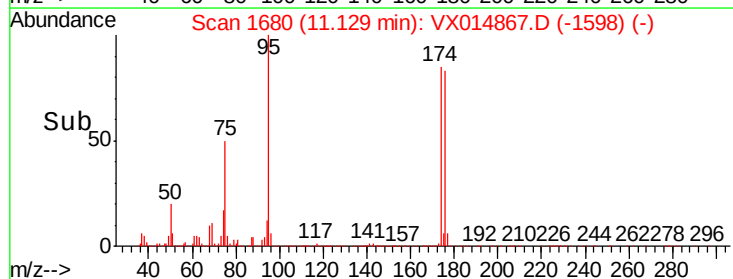
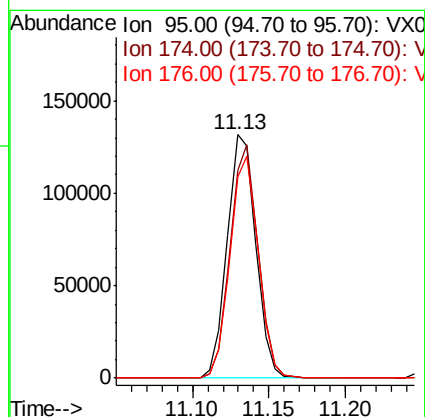
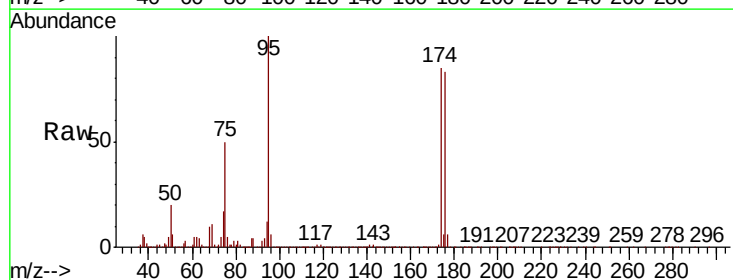
Instrument :
MSVOA_X
ClientSampleId :

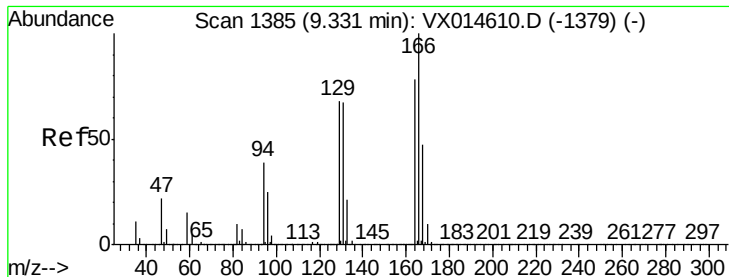
Tot Ion: 43 Resp: 516804
Ion Ratio Lower Upper
43 100
58 54.1 43.8 65.6
57 19.4 15.4 23.0



#60
4-Bromofluorobenzene
Concen: 30.434 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

Tgt Ion: 95 Resp: 171001
Ion Ratio Lower Upper
95 100
174 93.3 70.2 105.2
176 90.1 68.3 102.5





#61

Tetrachloroethene

Concen: 19.760 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 102550

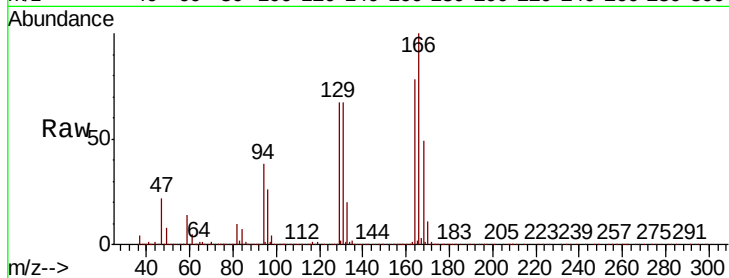
Ion Ratio Lower Upper

164 100

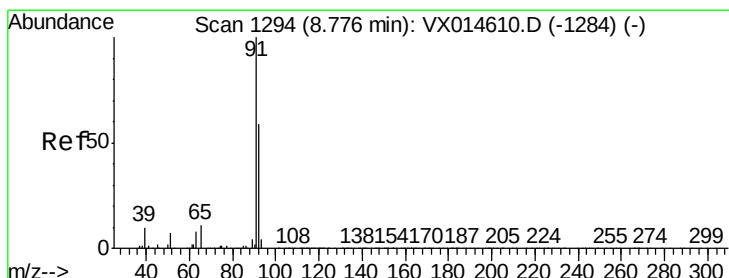
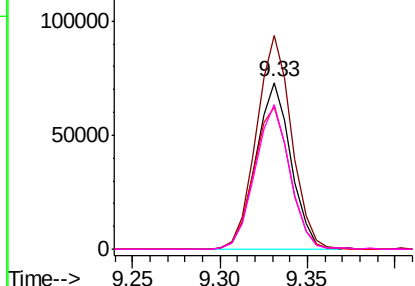
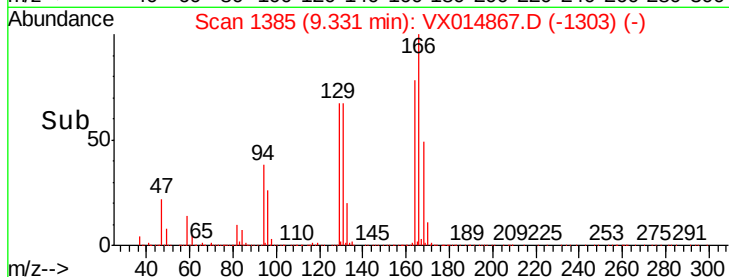
166 127.7 104.2 156.2

129 85.4 71.6 107.4

131 86.1 71.7 107.5



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: 20.723 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014867.D

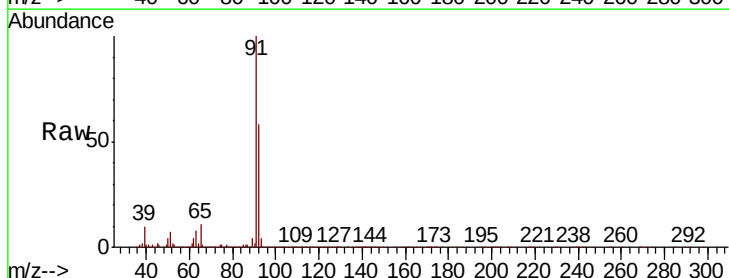
Acq: 07 Feb 2020 13:41

Tgt Ion: 91 Resp: 386043

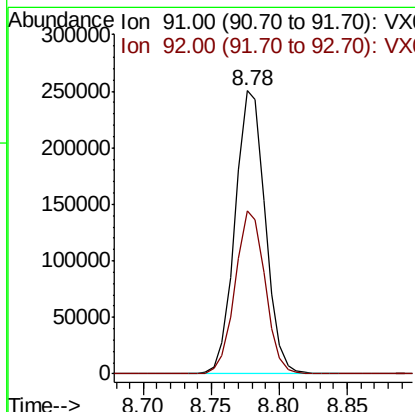
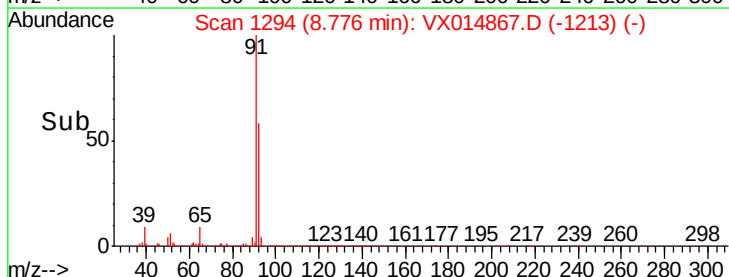
Ion Ratio Lower Upper

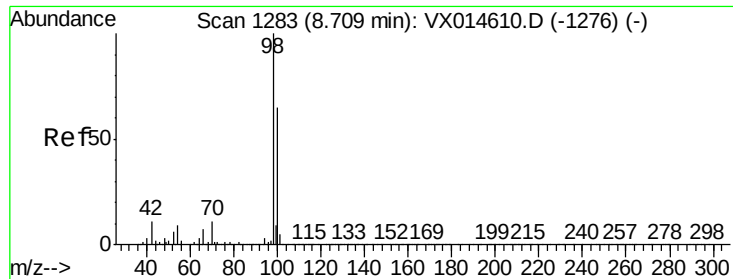
91 100

92 57.5 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0

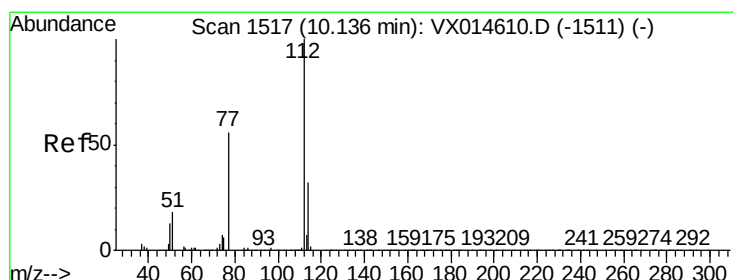
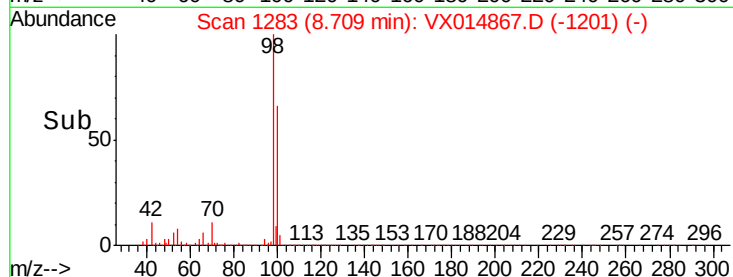
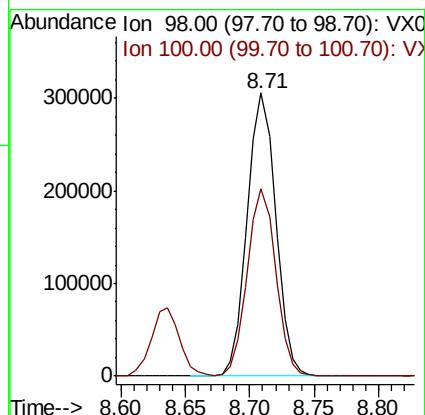
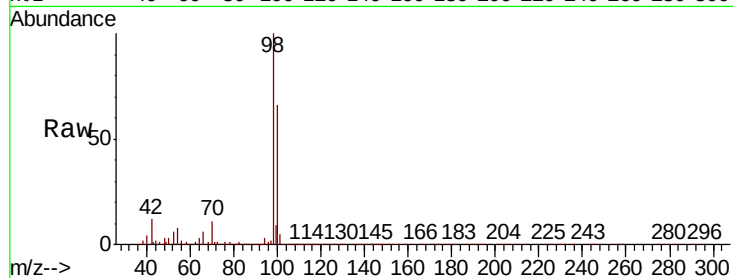




#63
Toluene-d8
Concen: 29.655 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

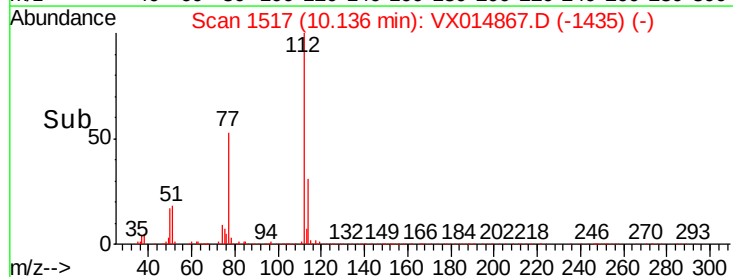
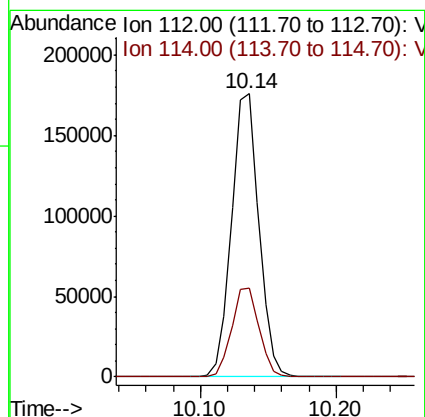
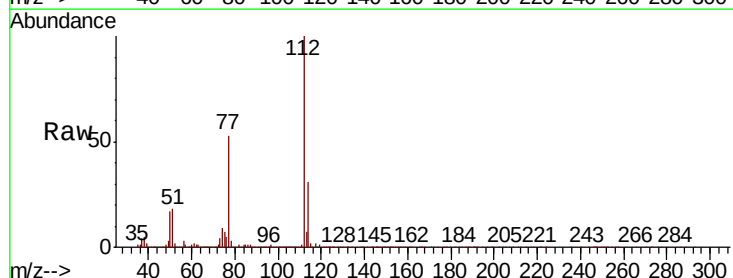
Instrument :
MSVOA_X
ClientSampleId :

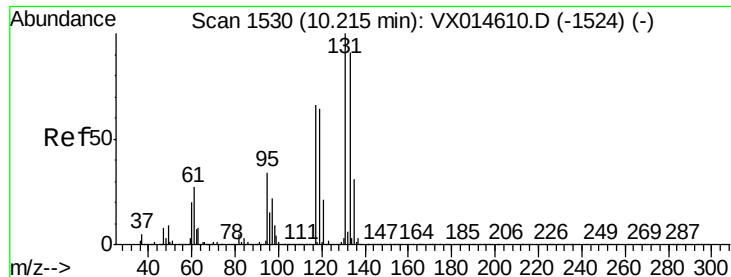
Tot Ion: 98 Resp: 470320
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.2



#64
Chlorobenzene
Concen: 21.215 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

Tgt Ion: 112 Resp: 246708
Ion Ratio Lower Upper
112 100
114 31.4 24.4 36.6

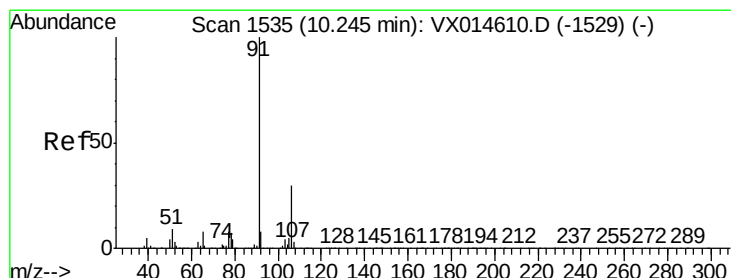
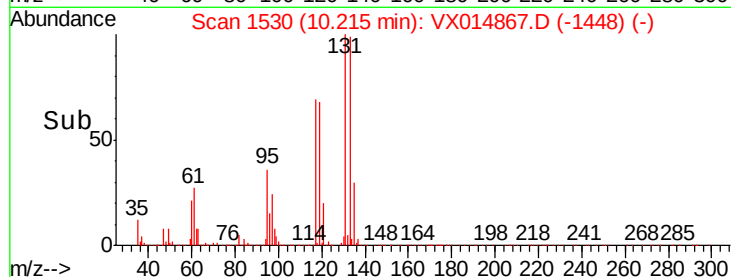
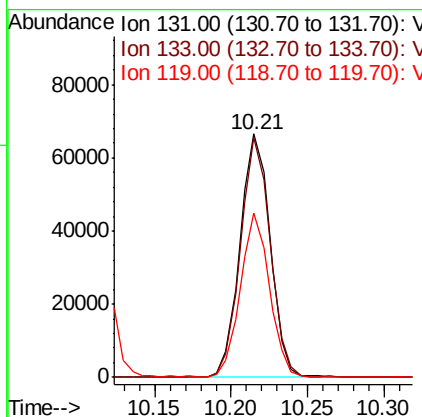
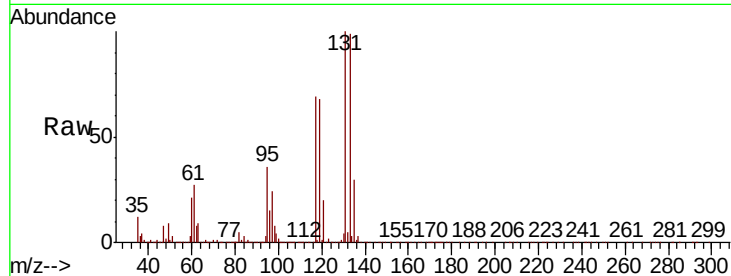




#65
 1,1,1,2-Tetrachloroethane
 Concen: 21.259 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX014867.D
 Acq: 07 Feb 2020 13:41

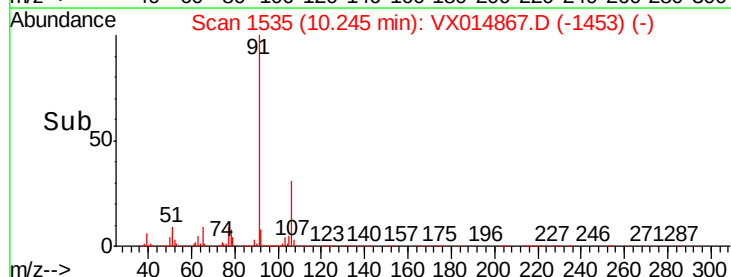
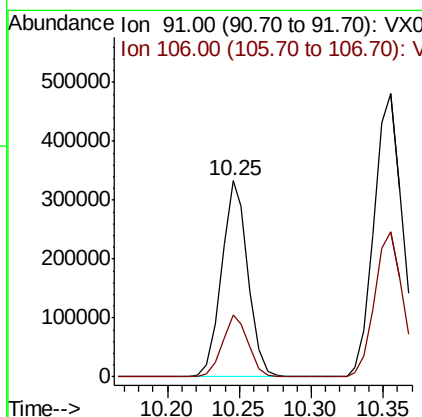
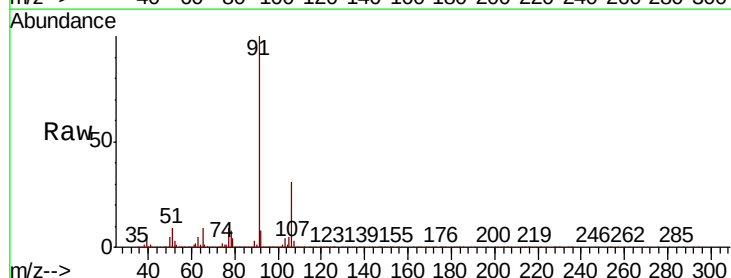
Instrument :
 MSVOA_X
 ClientSampleId :

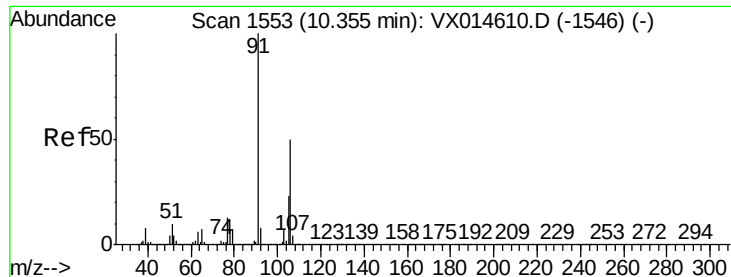
Tot Ion:131 Resp: 91307
 Ion Ratio Lower Upper
 131 100
 133 96.8 0.0 189.8
 119 64.9 0.0 132.2



#66
 Ethyl Benzene
 Concen: 21.050 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX014867.D
 Acq: 07 Feb 2020 13:41

Tgt Ion: 91 Resp: 427120
 Ion Ratio Lower Upper
 91 100
 106 31.4 24.2 36.2

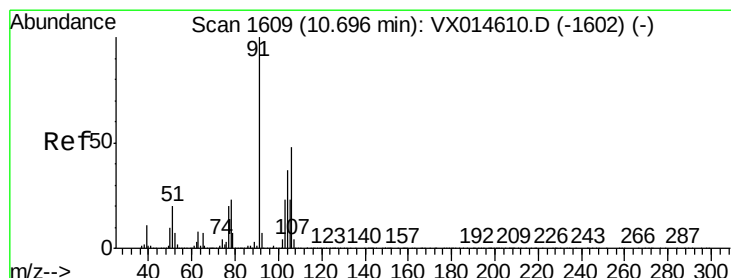
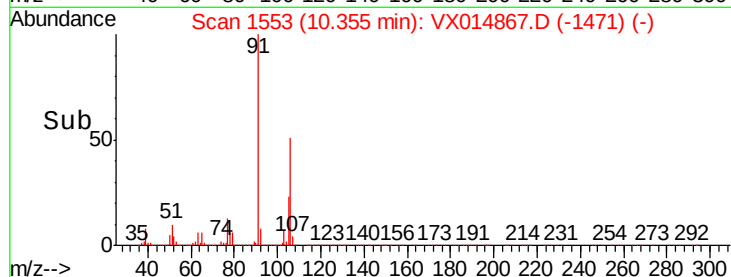
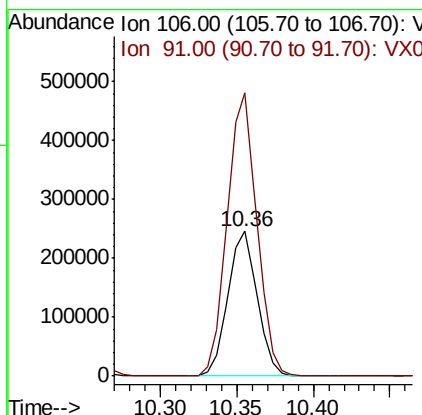
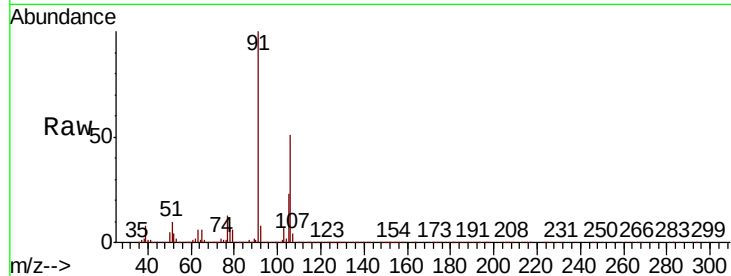




#67
m/p-Xylenes
Concen: 42.063 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

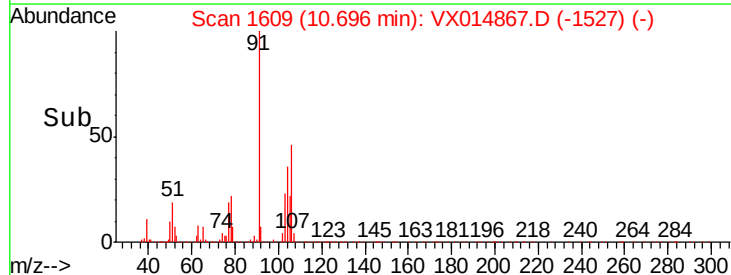
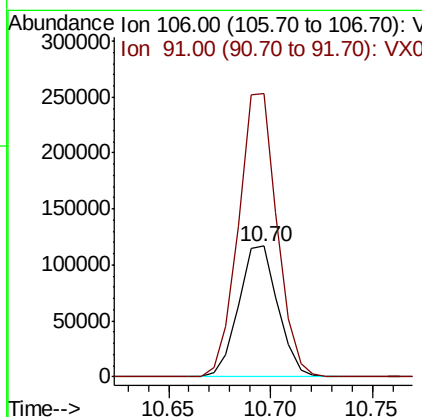
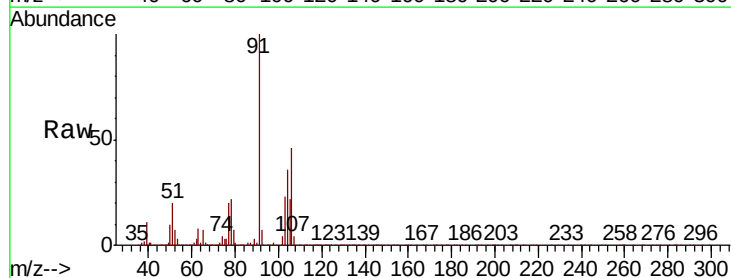
Instrument :
MSVOA_X
ClientSampleId :

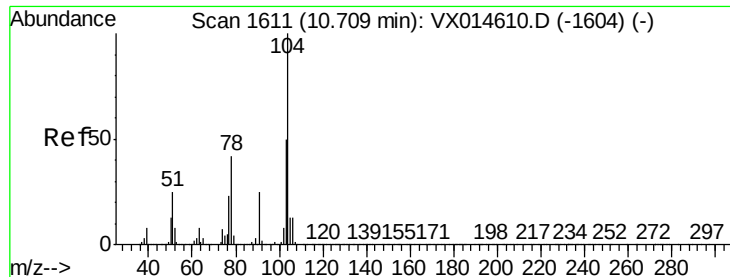
Tot Ion:106 Resp: 326921
Ion Ratio Lower Upper
106 100
91 197.7 159.3 238.9



#68
o-Xylene
Concen: 20.591 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

Tgt Ion:106 Resp: 155840
Ion Ratio Lower Upper
106 100
91 213.0 104.8 314.6

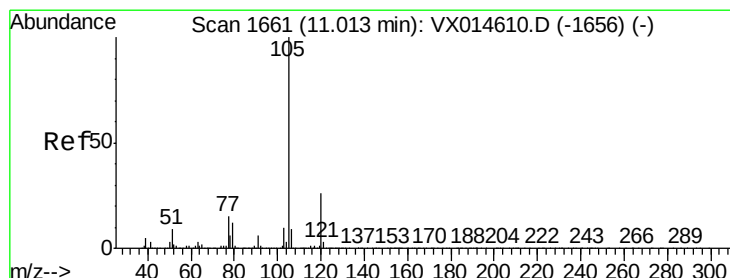
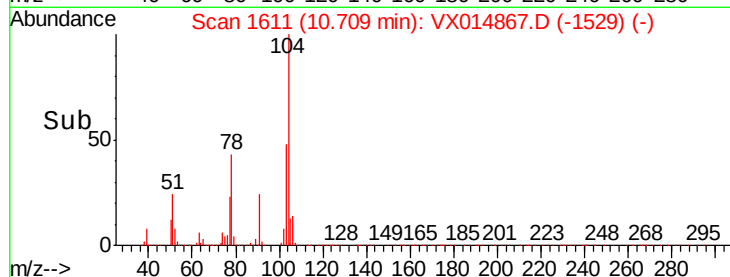
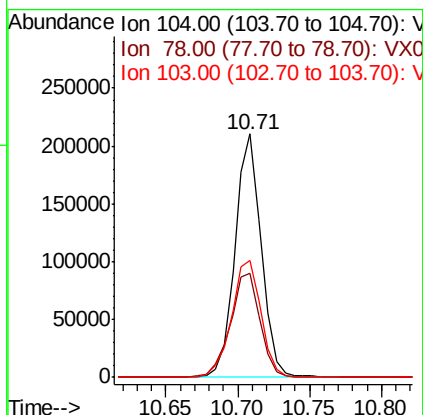
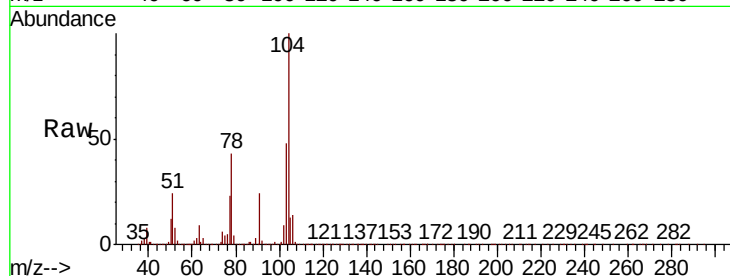




#69
Stvrene
Concen: 20.787 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

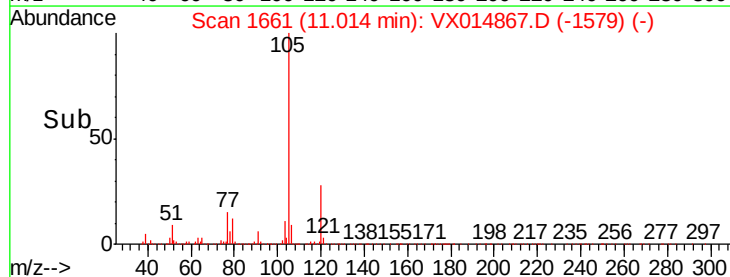
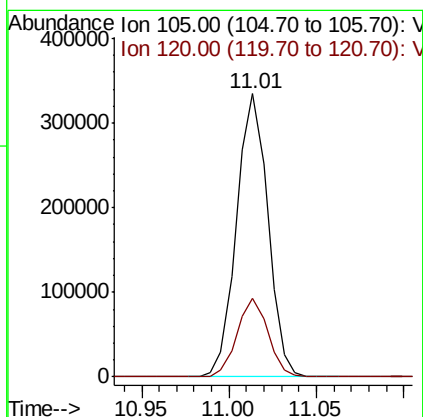
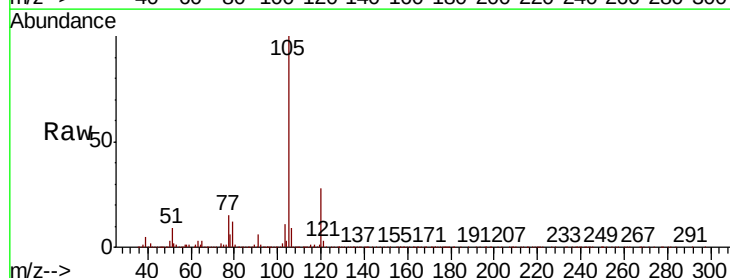
Instrument :
MSVOA_X
ClientSampled :

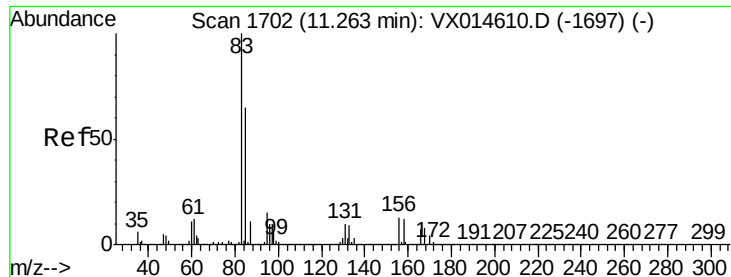
Tot Ion	Ratio	Lower	Upper
104	100		
78	49.0	38.9	58.3
103	54.3	44.2	66.2



#70
Isopropylbenzene
Concen: 21.080 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.6	19.1	35.5





#71

1,1,2,2-Tetrachloroethane

Concen: 20.543 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

Instrument :

MSVOA_X

ClientSampleId :

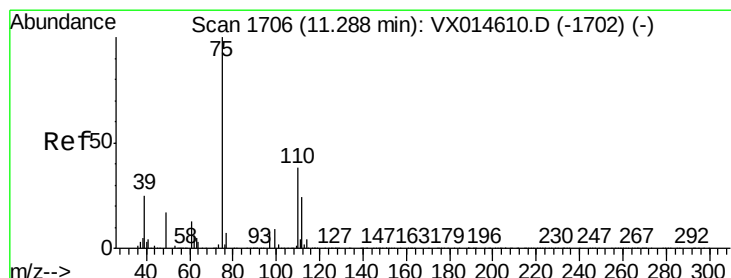
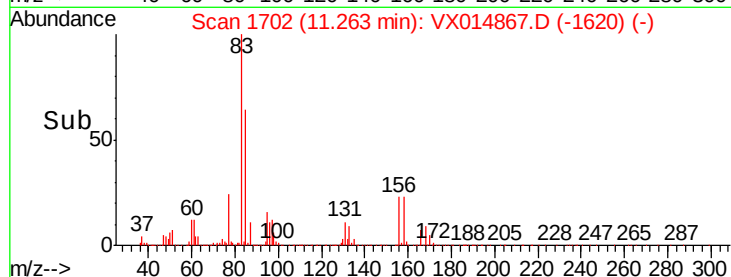
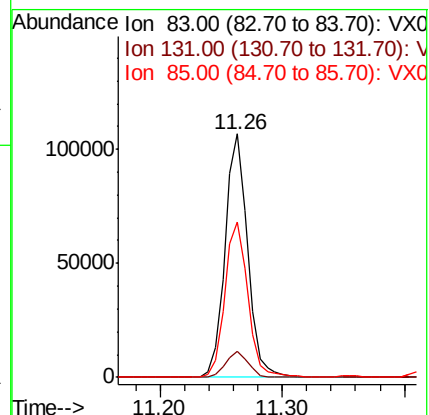
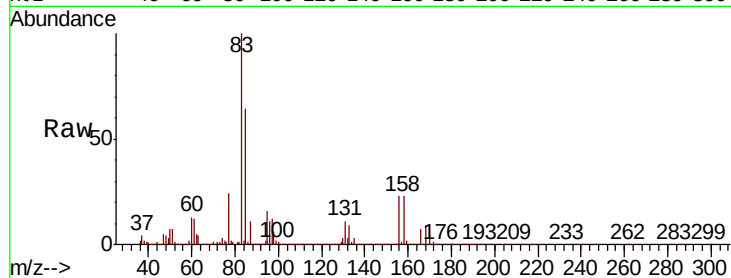
Tot Ion: 83 Resp: 137201

Ion Ratio Lower Upper

83 100

131 10.5 4.9 14.7

85 65.1 31.6 94.7



#72

1,2,3-Trichloropropane

Concen: 27.511 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014867.D

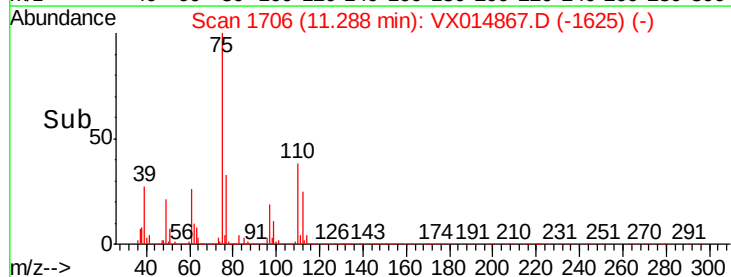
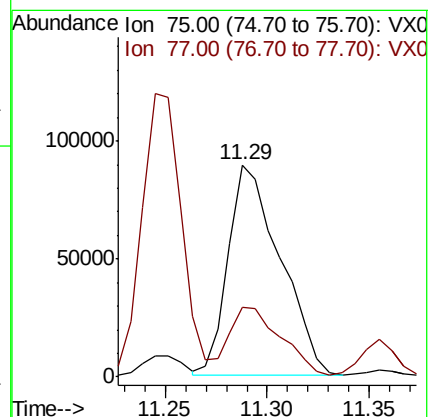
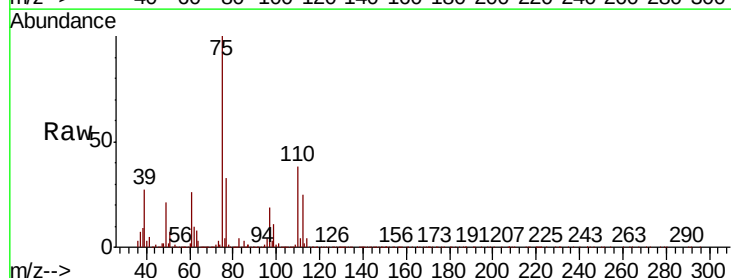
Acq: 07 Feb 2020 13:41

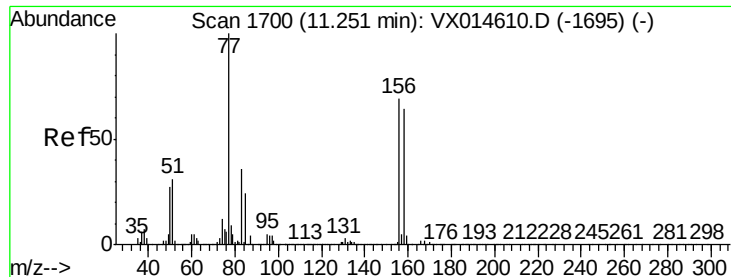
Tgt Ion: 75 Resp: 157169

Ion Ratio Lower Upper

75 100

77 32.4 0.0 68.4





#73

Bromobenzene

Concen: 21.779 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

Instrument :

MSVOA_X

ClientSampleId :

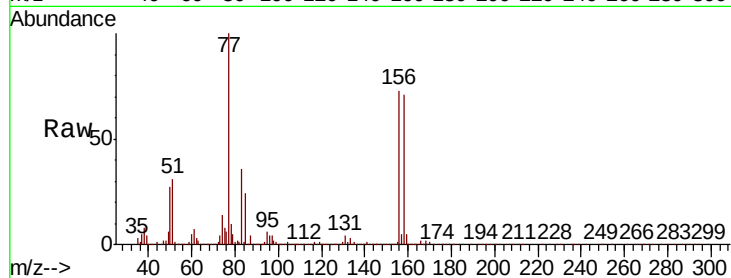
Tot Ion:156 Resp: 114467

Ion Ratio Lower Upper

156 100

77 141.2 0.0 304.6

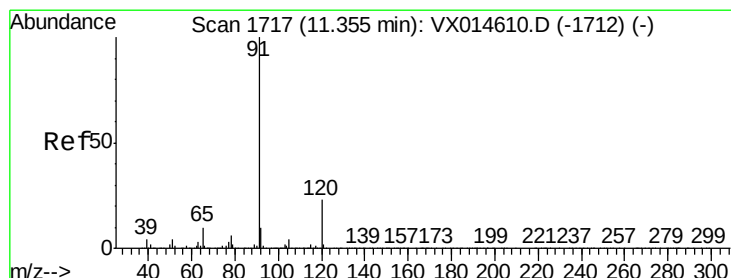
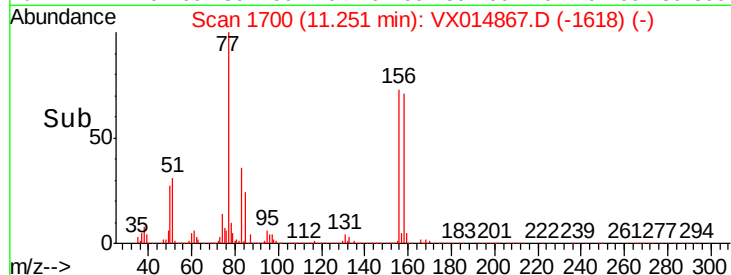
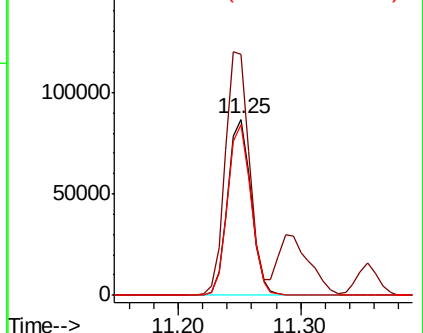
158 97.1 0.0 195.2



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: 21.209 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014867.D

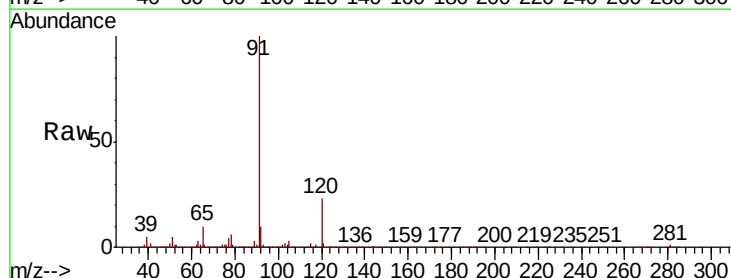
Acq: 07 Feb 2020 13:41

Tgt Ion: 91 Resp: 480512

Ion Ratio Lower Upper

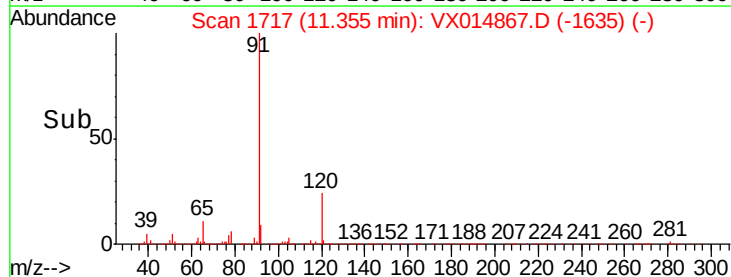
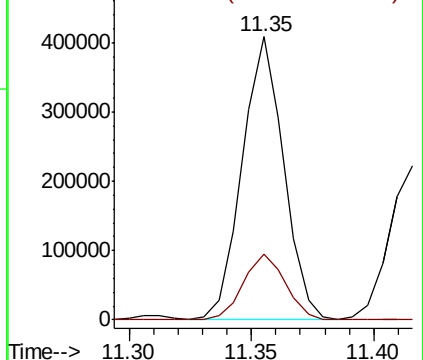
91 100

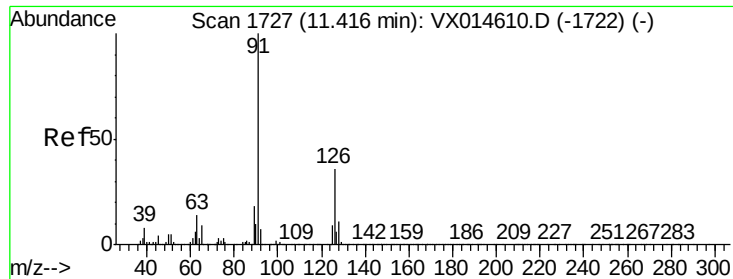
120 23.5 0.0 44.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.755 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

Instrument :

MSVOA_X

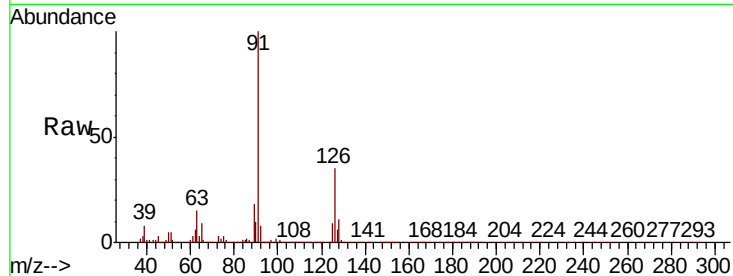
ClientSampleId :

Tot Ion: 91 Resp: 281820

Ion Ratio Lower Upper

91 100

126 35.5 0.0 70.8



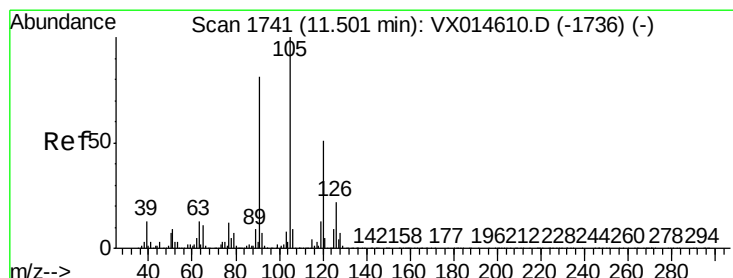
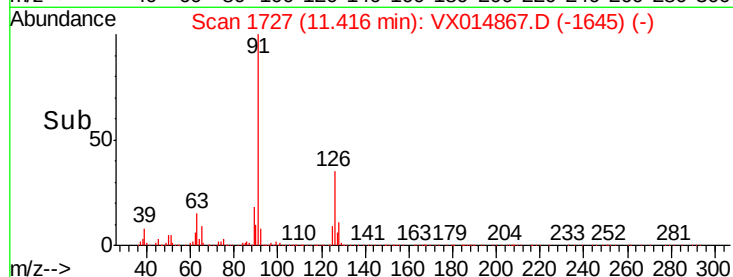
Abundance Ion 91.00 (90.70 to 91.70): VX014610.D (-1722) (-)

Ion 126.00 (125.70 to 126.70): VX014610.D (-1722) (-)

Time-->

11.42

11.45



#76

1,3,5-Trimethylbenzene

Concen: 21.151 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014867.D

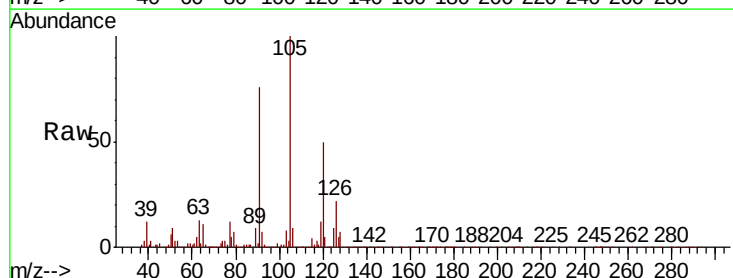
Acq: 07 Feb 2020 13:41

Tgt Ion: 105 Resp: 349436

Ion Ratio Lower Upper

105 100

120 49.9 0.0 100.6



Abundance Ion 105.00 (104.70 to 105.70): VX014610.D (-1736) (-)

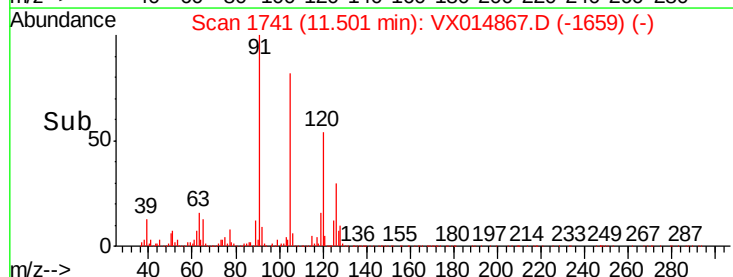
Ion 120.00 (119.70 to 120.70): VX014610.D (-1736) (-)

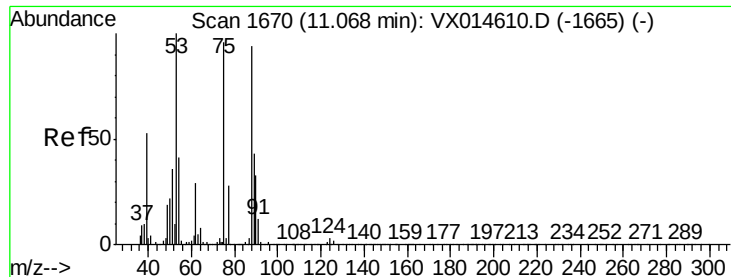
Time-->

11.50

11.55

11.60





#77

t-1,4-Dichloro-2-butene

Concen: 20.007 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

Instrument :

MSVOA_X

ClientSampleId :

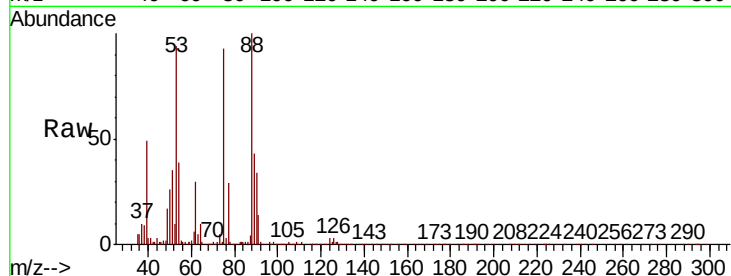
Tot Ion: 75 Resp: 43991

Ion Ratio Lower Upper

75 100

53 101.0 54.4 163.1

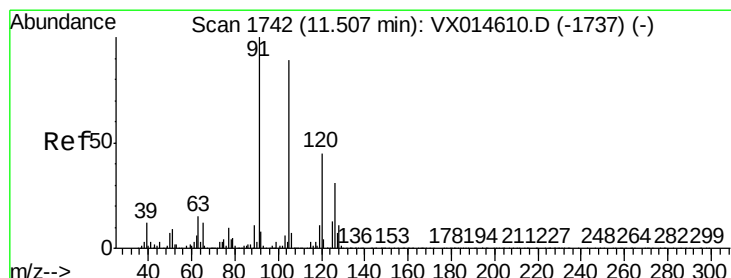
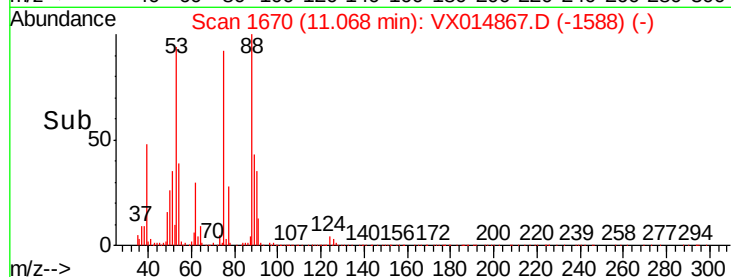
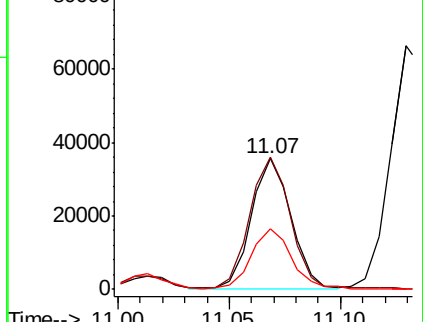
89 46.1 21.9 65.5



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 21.014 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014867.D

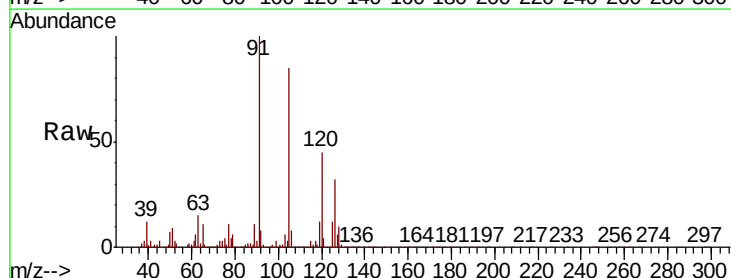
Acq: 07 Feb 2020 13:41

Tgt Ion: 91 Resp: 324056

Ion Ratio Lower Upper

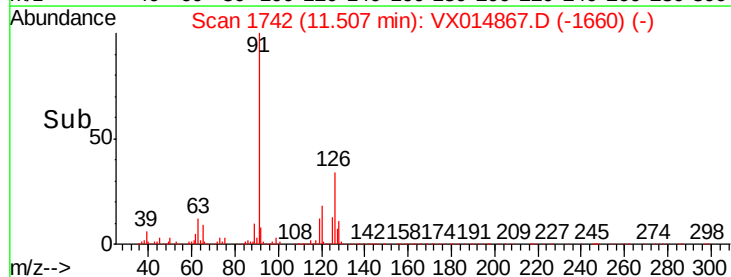
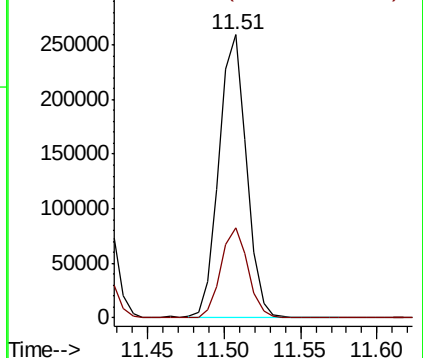
91 100

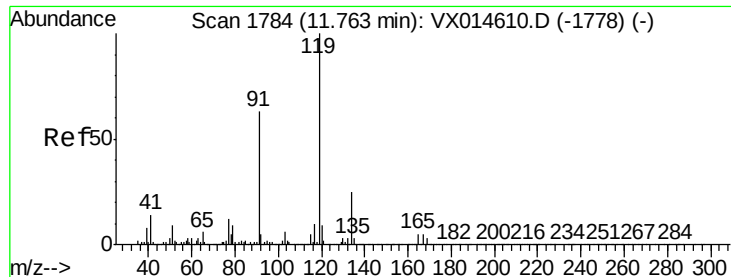
126 31.0 0.0 59.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V





#79

tert-butylbenzene

Concen: 21.806 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

Instrument :

MSVOA_X

ClientSampleId :

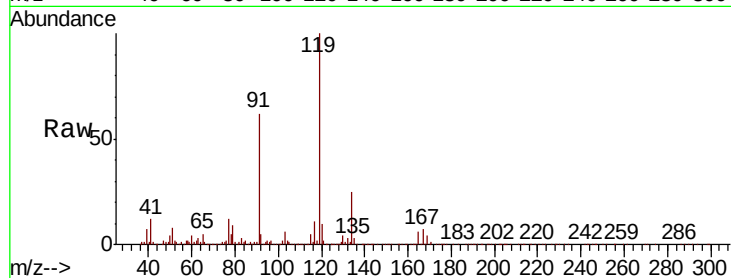
Tot Ion:119 Resp: 337092

Ion Ratio Lower Upper

119 100

91 57.6 0.0 112.6

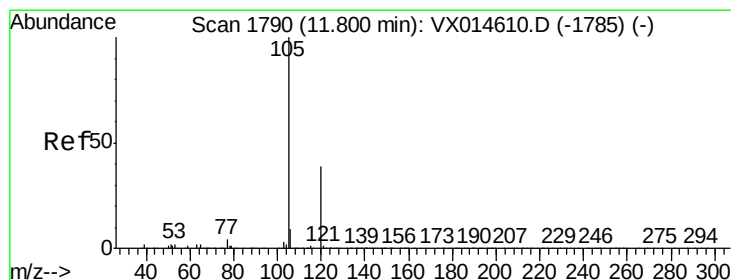
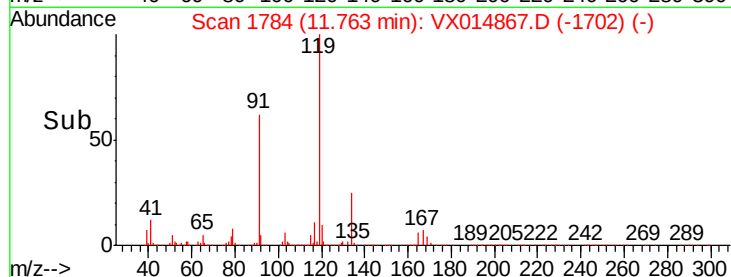
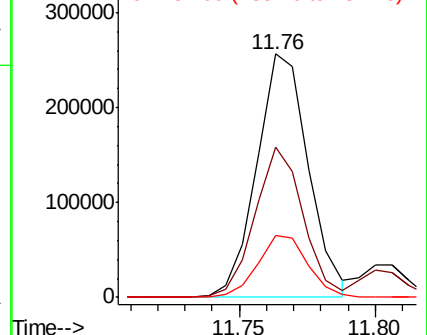
134 24.8 0.0 49.8



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: 21.435 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX014867.D

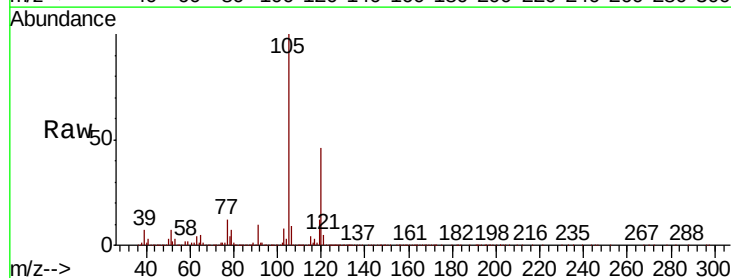
Acq: 07 Feb 2020 13:41

Tgt Ion:105 Resp: 353207

Ion Ratio Lower Upper

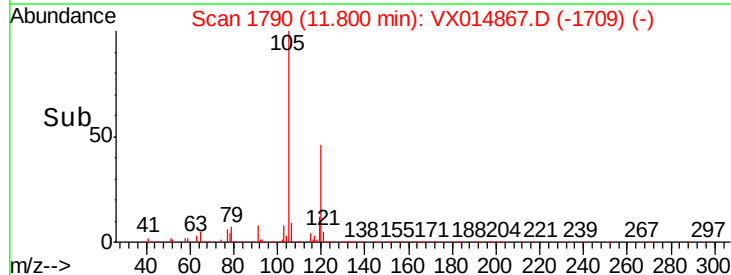
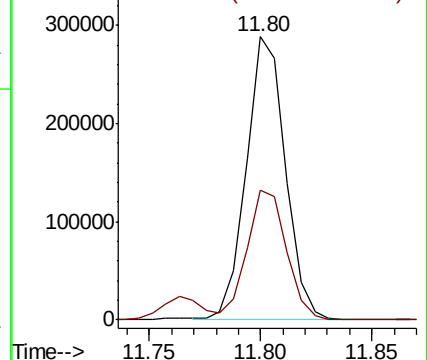
105 100

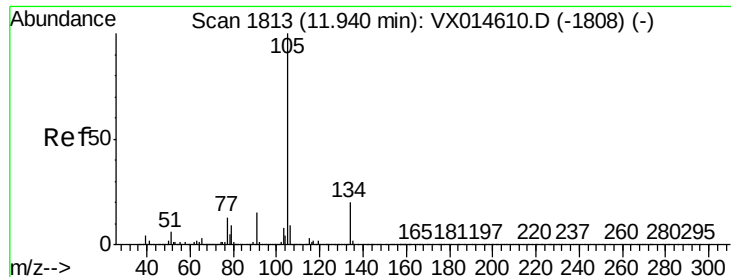
120 46.2 0.0 92.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 21.309 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

Instrument :

MSVOA_X

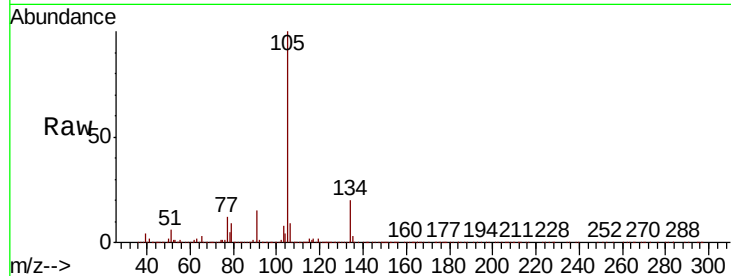
ClientSampleId :

Tot Ion:105 Resp: 407614

Ion Ratio Lower Upper

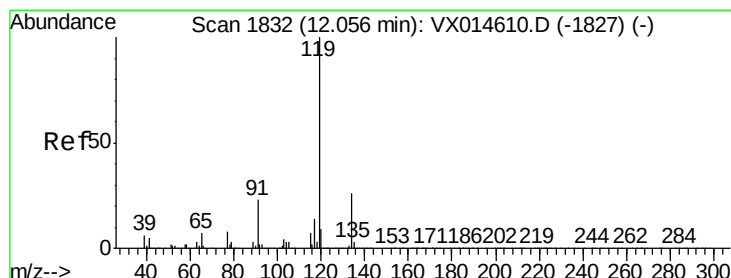
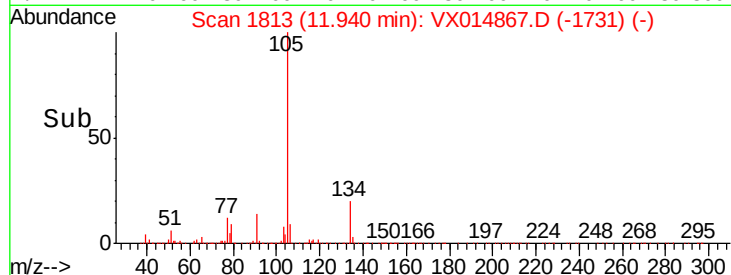
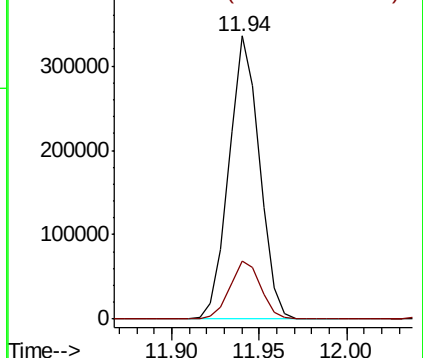
105 100

134 20.5 0.0 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 21.418 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

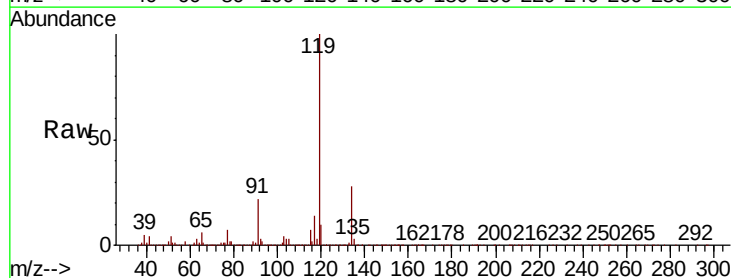
Tgt Ion:119 Resp: 374024

Ion Ratio Lower Upper

119 100

134 27.2 0.0 53.8

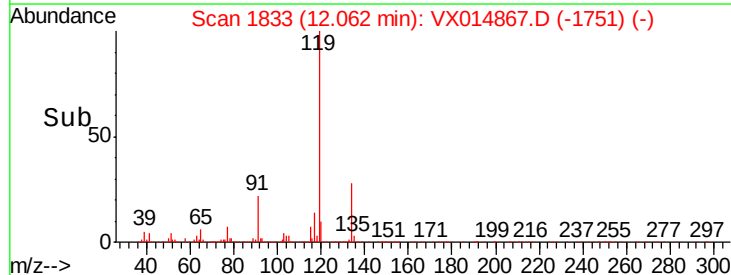
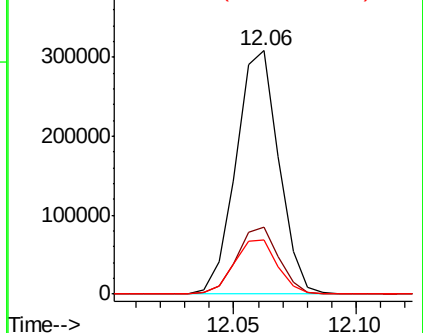
91 22.8 0.0 45.0

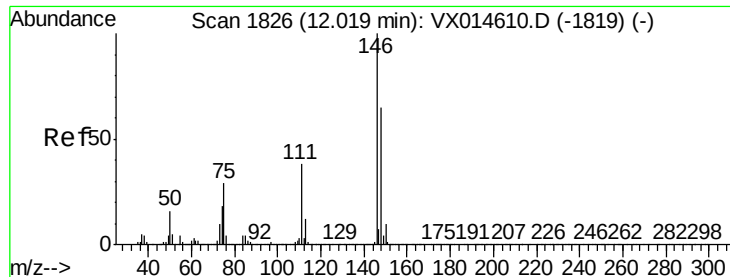


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

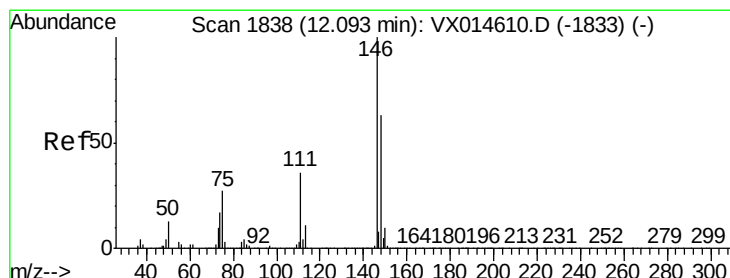
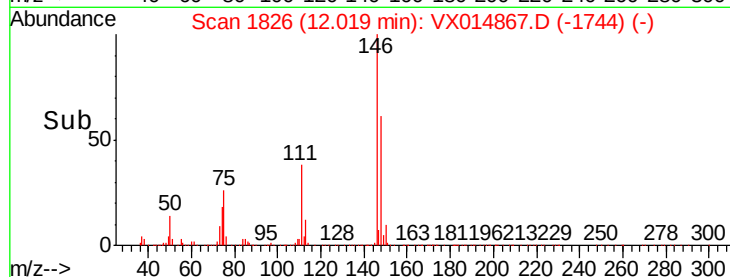
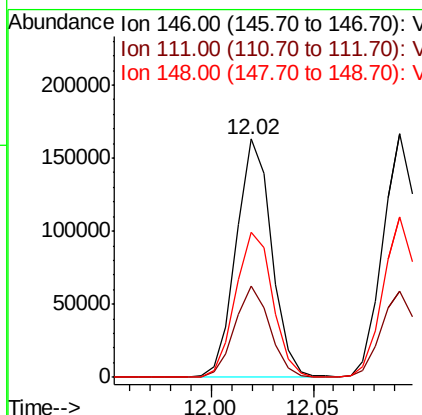
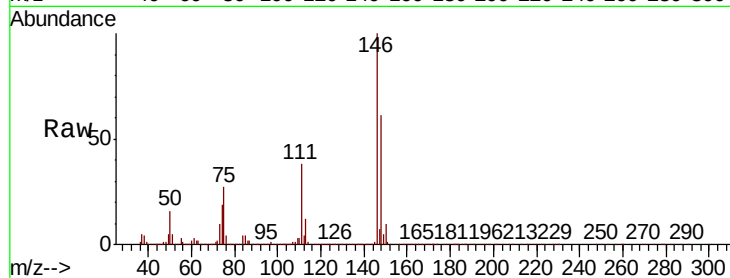




#83
 1,3-Dichlorobenzene
 Concen: 21.496 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014867.D
 Acq: 07 Feb 2020 13:41

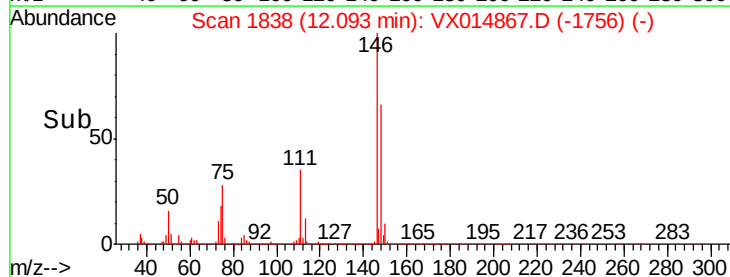
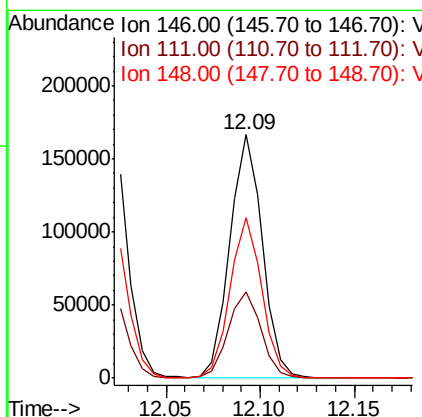
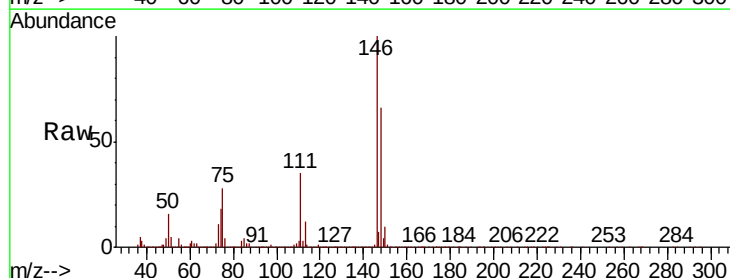
Instrument :
 MSVOA_X
 ClientSampleId :

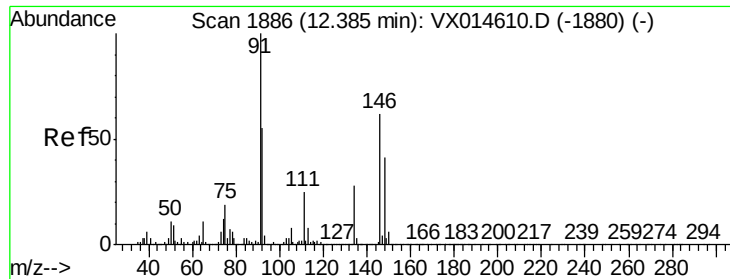
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.3	57.9
148	63.4	32.2	96.6



#84
 1,4-Dichlorobenzene
 Concen: 21.942 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014867.D
 Acq: 07 Feb 2020 13:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.8	18.4	55.4
148	64.4	32.0	96.0

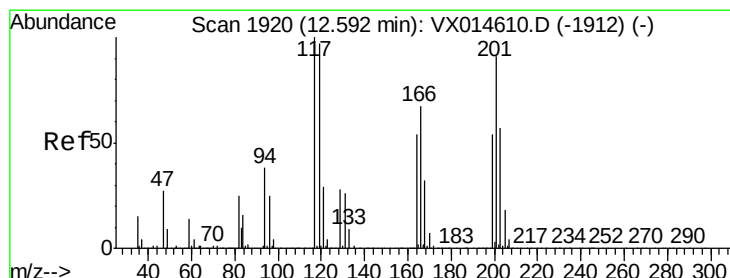
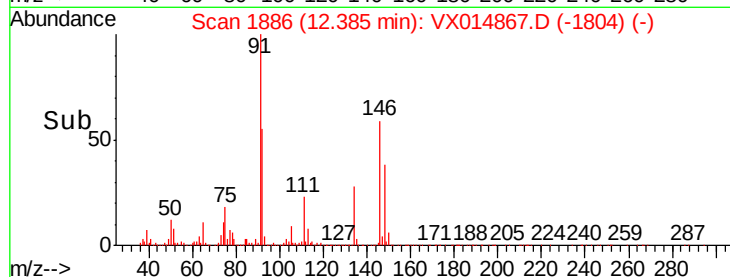
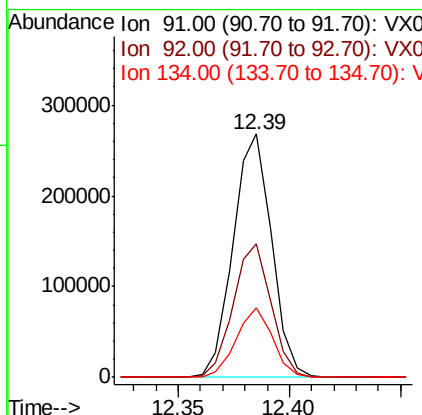
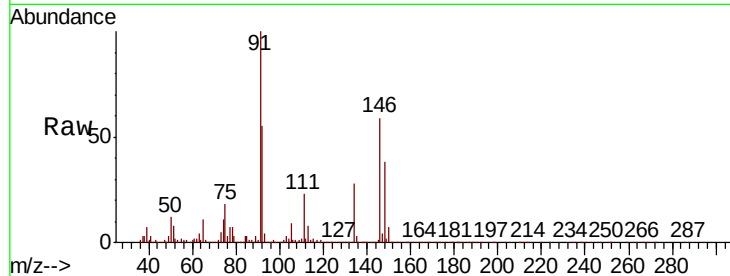




#85
n-Butylbenzene
Concen: 21.067 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

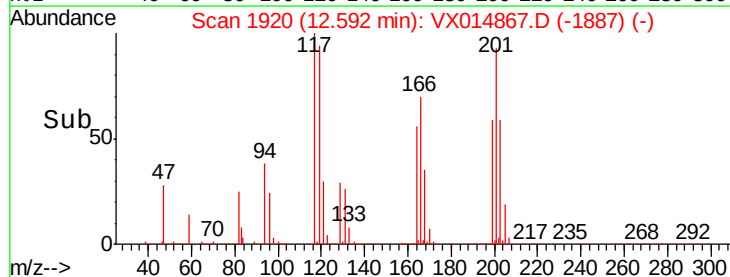
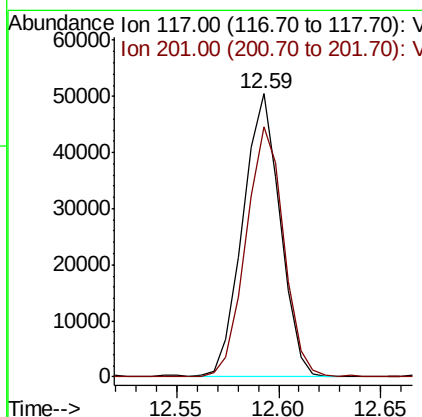
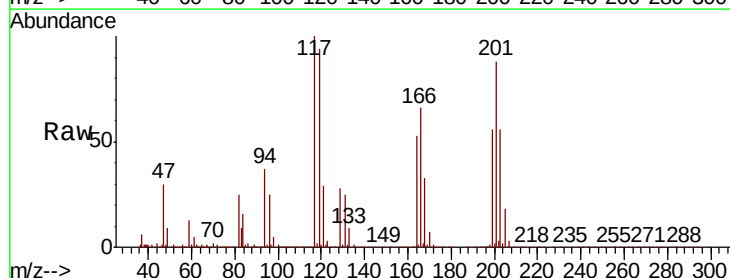
Instrument :
MSVOA_X
ClientSampleId :

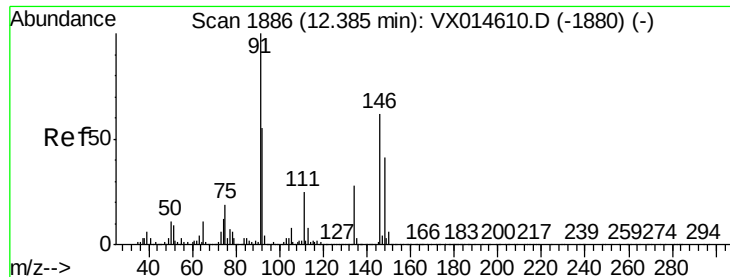
Tot Ion: 91 Resp: 321884
Ion Ratio Lower Upper
91 100
92 54.5 0.0 109.0
134 27.3 0.0 54.0



#86
Hexachloroethane
Concen: 20.444 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

Tgt Ion: 117 Resp: 64020
Ion Ratio Lower Upper
117 100
201 89.7 44.8 134.3

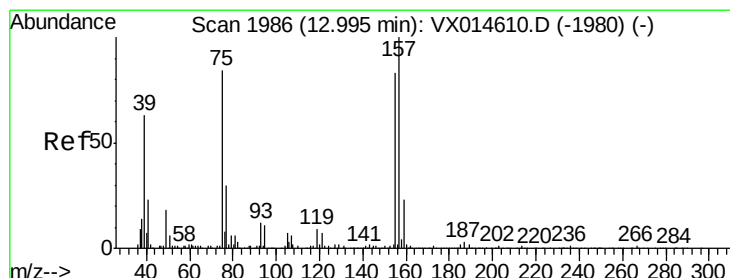
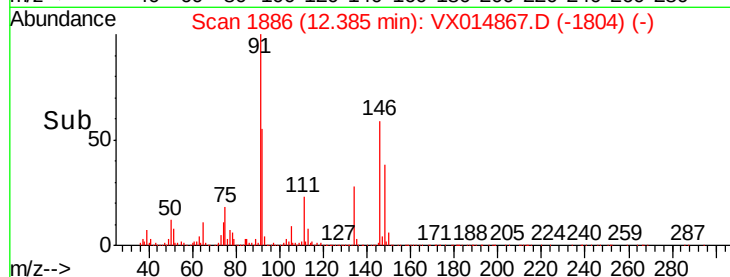
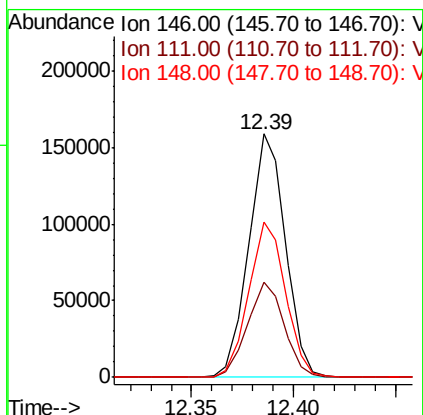
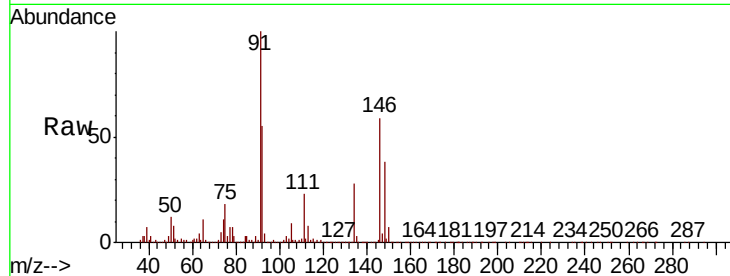




#87
 1,2-Dichlorobenzene
 Concen: 21.429 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014867.D
 Acq: 07 Feb 2020 13:41

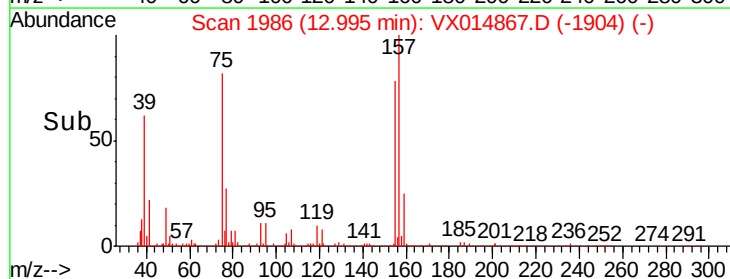
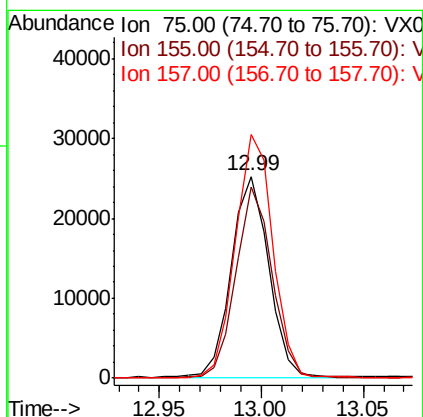
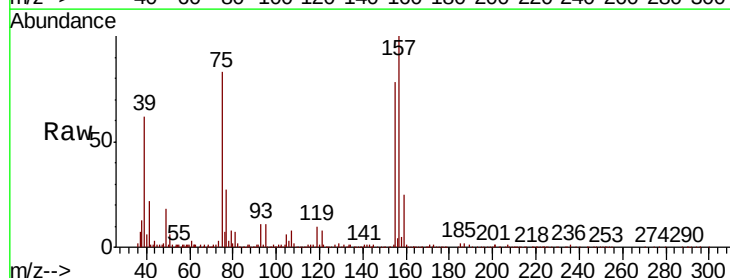
Instrument :
 MSVOA_X
 ClientSampled :

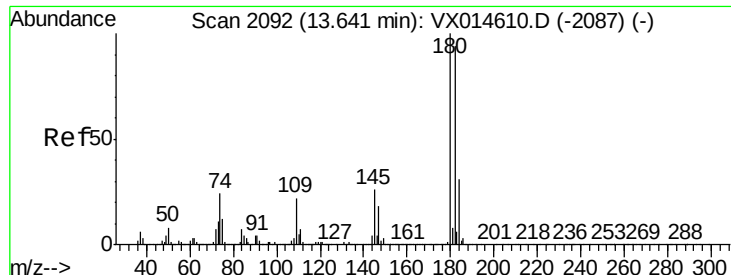
Tot Ion:146 Resp: 198430
 Ion Ratio Lower Upper
 146 100
 111 39.1 20.1 60.2
 148 64.1 32.0 96.2



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 22.175 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014867.D
 Acq: 07 Feb 2020 13:41

Tgt Ion: 75 Resp: 31636
 Ion Ratio Lower Upper
 75 100
 155 92.9 73.8 110.6
 157 122.5 95.0 142.4

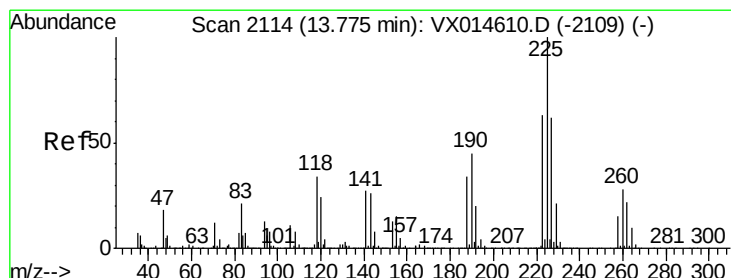
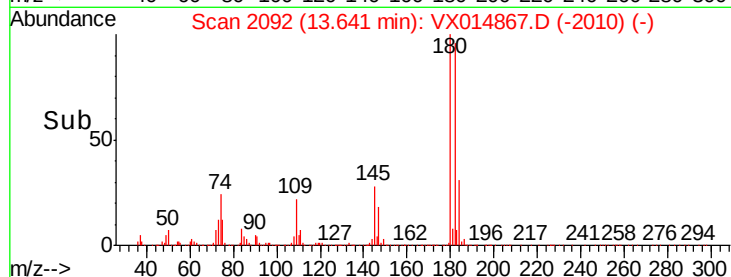
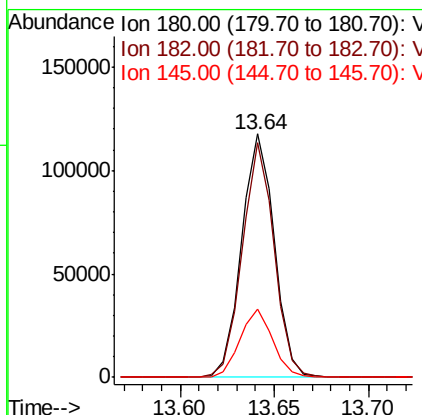
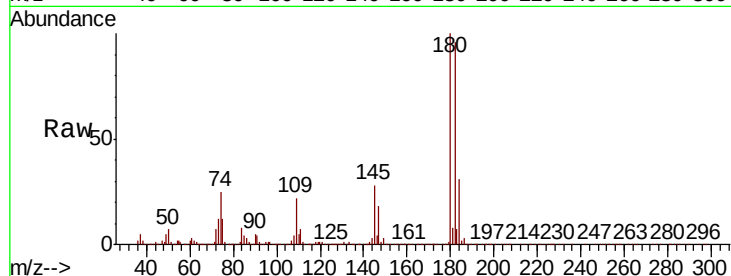




#89
 1,2,4-Trichlorobenzene
 Concen: 23.165 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014867.D
 Acq: 07 Feb 2020 13:41

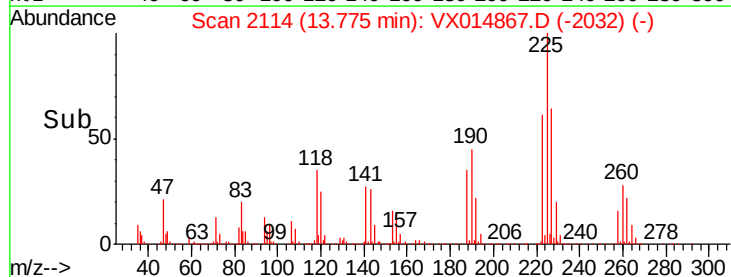
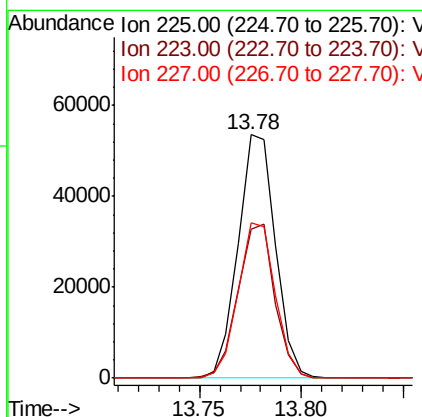
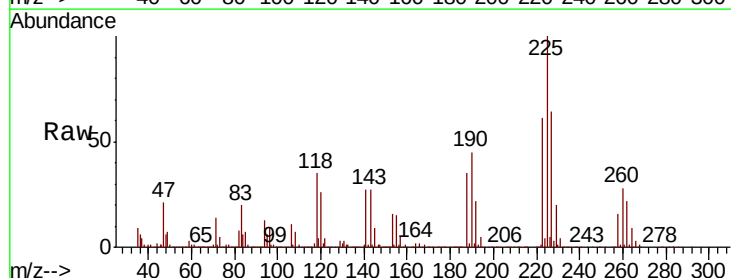
Instrument :
 MSVOA_X
 ClientSampleId :

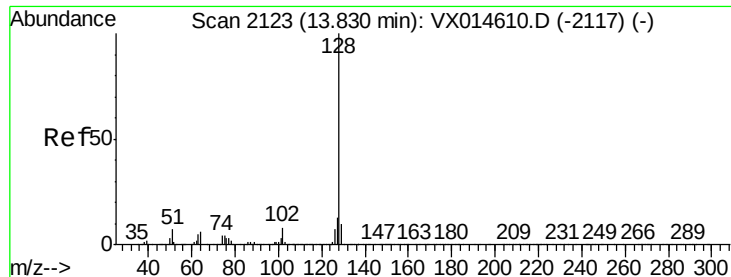
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.8	76.4	114.6
145	28.0	21.9	32.9



#90
 Hexachlorobutadiene
 Concen: 22.357 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014867.D
 Acq: 07 Feb 2020 13:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	0.0	127.4
227	63.5	0.0	122.8

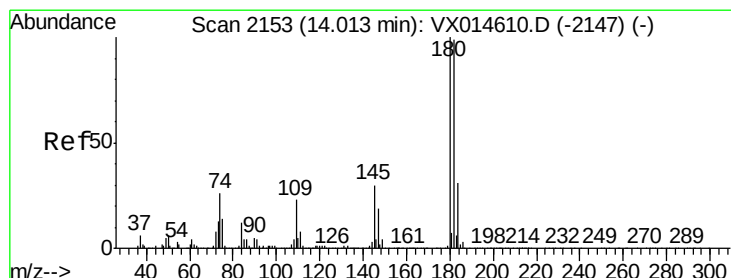
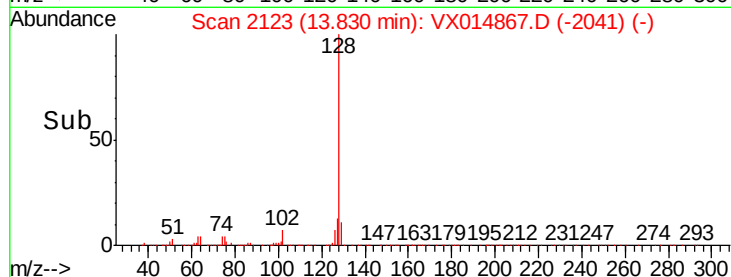
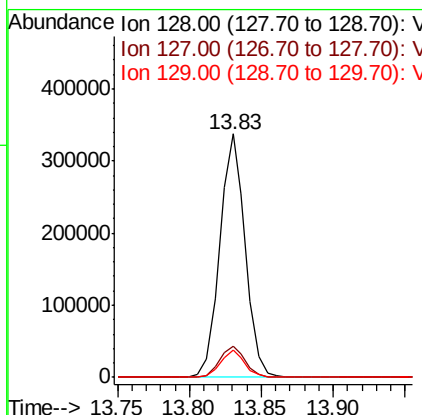
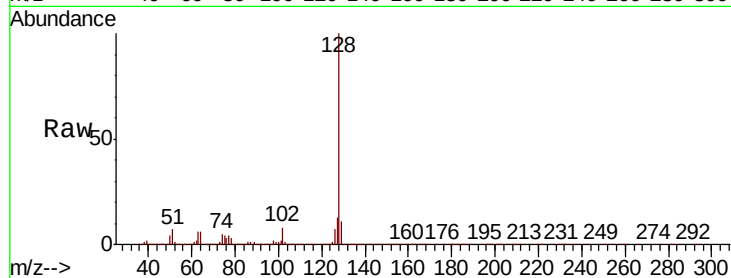




#91
Naphthalene
Concen: 22.531 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 415698
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.6 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 22.730 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

Tgt Ion:180 Resp: 141410
Ion Ratio Lower Upper
180 100
182 95.4 0.0 192.8
145 29.6 0.0 60.0

