

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX123019\
 Data File : VX014344.D
 Acq On : 30 Dec 2019 10:22
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 31 04:44:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:35:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	96774	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	552779	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	495553	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	208845	30.13	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.43%
60) 4-Bromofluorobenzene	11.13	95	239694	29.95	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.83%
63) Toluene-d8	8.71	98	677100	30.57	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.90%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	91027	18.621	ug/l 99
3) Chloromethane	1.32	50	130433	18.931	ug/l 96
4) Vinyl Chloride	1.40	62	135346	19.163	ug/l 99
5) Bromomethane	1.63	94	83000	16.075	ug/l 99
6) Chloroethane	1.72	64	90358	20.711	ug/l 97
7) Trichlorofluoromethane	1.92	101	170838	19.438	ug/l 96
8) Diethyl Ether	2.18	74	76297	18.887	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	105371	20.102	ug/l 99
10) 1,1-Dichloroethene	2.37	96	103706	19.137	ug/l 97
11) Methyl Iodide	2.50	142	110758	15.877	ug/l 98
12) Methyl Acetate	2.76	43	157750	18.804	ug/l 98
13) Acrolein	2.28	56	121752	119.656	ug/l 97
14) Acrylonitrile	3.13	53	310334	94.625	ug/l 99
15) Acetone	2.43	58	119719	124.263	ug/l 90
16) Carbon Disulfide	2.56	76	291516	19.858	ug/l 97
17) Allyl chloride	2.72	41	194674	19.992	ug/l 99
18) Methylene Chloride	2.84	84	119102	17.937	ug/l 97
19) trans-1,2-Dichloroethene	3.16	96	112688	18.990	ug/l 98
20) Diisopropyl ether	3.84	45	393820	19.710	ug/l 93
21) 1,1-Dichloroethane	3.69	63	205569	18.956	ug/l 99
22) cis-1,2-Dichloroethene	4.58	96	128098	18.621	ug/l 97
23) tert-Butyl Alcohol	3.02	59	128550	99.933	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	343571	18.768	ug/l 99
25) Chloroform	5.20	83	197208	19.074	ug/l 99
26) Cyclohexane	5.56	56	190483	19.699	ug/l # 98
29) 1,1-Dichloropropene	5.79	75	154444	19.343	ug/l 98
30) 2-Butanone	4.65	43	494610	105.094	ug/l 99
31) 2,2-Dichloropropane	4.57	77	163900	22.191	ug/l 100
32) 1,1,1-Trichloroethane	5.48	97	162314	18.379	ug/l 99
33) Carbon Tetrachloride	5.77	117	141447	18.841	ug/l 100
34) Benzene	6.13	78	471666	18.944	ug/l 96
35) Methacrylonitrile	5.02	41	96607	19.086	ug/l 98
37) Trichloroethene	7.20	130	122460	18.076	ug/l 87
38) Methylcyclohexane	7.45	83	195129	20.487	ug/l 98
39) 1,2-Dichloropropane	7.50	63	120101	18.573	ug/l 92
40) Dibromomethane	7.65	93	77430	18.744	ug/l 97
41) Bromodichloromethane	7.89	83	151568	18.949	ug/l 97

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:35:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Vinyl Acetate	3.80	43	1641442	98.786	ug/l	99
43) Ethyl Acetate	4.81	43	169959	18.820	ug/l	99
44) Isopropyl Acetate	6.43	43	281395	18.604	ug/l	98
45) 1,4-Dioxane	7.73	88	55198	389.703	ug/l	98
46) Methyl methacrylate	7.76	41	137134	18.666	ug/l	95
47) n-amyl Acetate	10.89	43	240113	17.854	ug/l	100
48) t-1,3-Dichloropropene	9.03	75	167601	19.198	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	188553	19.205	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	118350	18.564	ug/l	97
51) Ethyl methacrylate	9.17	69	179733	17.724	ug/l	99
52) 1,3-Dichloropropane	9.36	76	201616	18.614	ug/l	99
53) Dibromochloromethane	9.57	129	117800	18.479	ug/l	100
54) 1,2-Dibromoethane	9.67	107	122815	18.710	ug/l	98
55) 2-Chloroethyl vinyl ether	8.30	63	381034	85.238	ug/l	99
56) Bromoform	10.85	173	88937	17.890	ug/l	99
58) 4-Methyl-2-Pentanone	8.63	43	878511	94.749	ug/l	99
59) 2-Hexanone	9.48	43	700983	99.621	ug/l	99
61) Tetrachloroethene	9.33	164	131437	20.049	ug/l	98
62) Toluene	8.78	91	505267	19.171	ug/l	99
64) Chlorobenzene	10.14	112	308482	18.682	ug/l	95
65) 1,1,1,2-Tetrachloroethane	10.21	131	113837	18.618	ug/l	100
66) Ethyl Benzene	10.25	91	552574	19.158	ug/l	98
67) m/p-Xylenes	10.36	106	417965	37.908	ug/l	99
68) o-Xylene	10.69	106	200662	18.371	ug/l	100
69) Styrene	10.71	104	341817	18.402	ug/l	99
70) Isopropylbenzene	11.01	105	534725	18.944	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	176451	17.627	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	205685	23.085	ug/l	93
73) Bromobenzene	11.25	156	137521	18.251	ug/l	99
74) n-propylbenzene	11.35	91	620902	19.394	ug/l	99
75) 2-Chlorotoluene	11.42	91	367977	19.022	ug/l	98
76) 1,3,5-Trimethylbenzene	11.50	105	446990	18.668	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	57775	19.636	ug/l	95
78) 4-Chlorotoluene	11.51	91	415370	18.791	ug/l	99
79) tert-butylbenzene	11.76	119	419618	18.181	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	442160	18.467	ug/l	99
81) sec-Butylbenzene	11.94	105	528638	19.257	ug/l	100
82) p-Isopropyltoluene	12.06	119	474560	19.156	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	241588	18.395	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	243161	18.593	ug/l	99
85) n-Butylbenzene	12.39	91	411196	19.741	ug/l	99
86) Hexachloroethane	12.59	117	81755	18.191	ug/l	97
87) 1,2-Dichlorobenzene	12.39	146	244027	18.293	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	35064	17.575	ug/l	96
89) 1,2,4-Trichlorobenzene	13.64	180	160821	18.863	ug/l	98
90) Hexachlorobutadiene	13.78	225	81678	20.155	ug/l	98
91) Naphthalene	13.83	128	470841	18.374	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	159045	18.392	ug/l	99

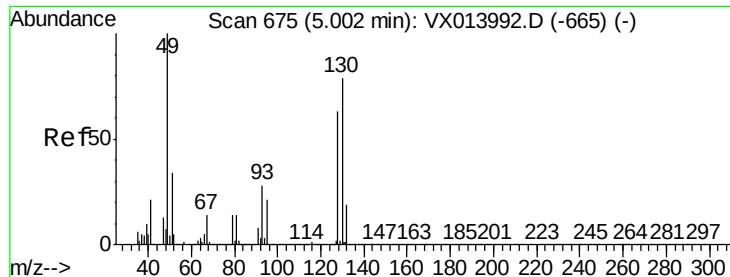
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 675

Delta R.T. 0.00 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Instrument :
MSVOA_X
ClientSampleId :

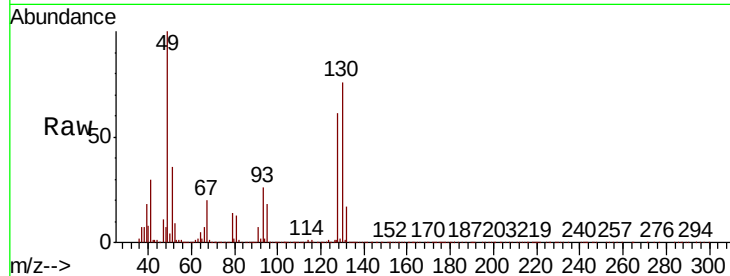
Tot Ion:128 Resp: 96774

Ion Ratio Lower Upper

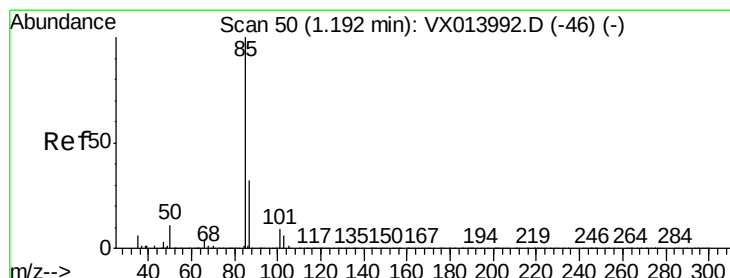
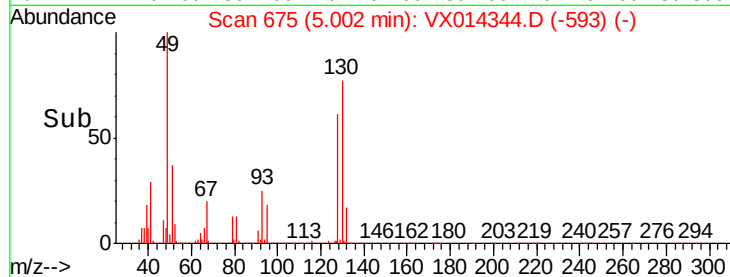
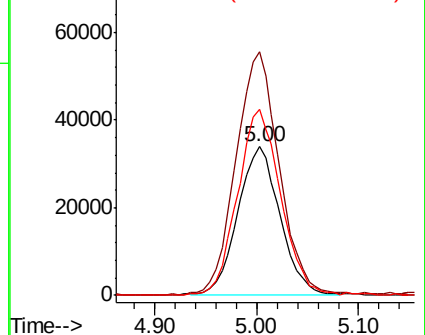
128 100

49 168.4 0.0 405.0

130 127.7 0.0 321.5



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VX0
Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 18.621 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014344.D

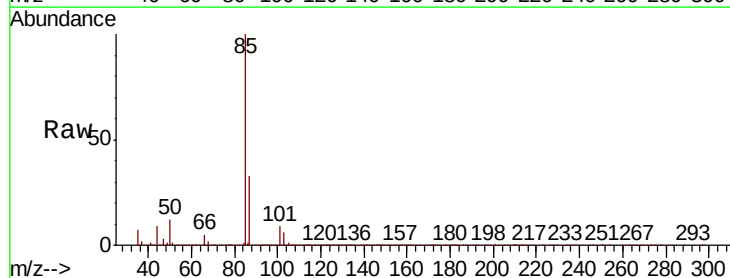
Acq: 30 Dec 2019 10:22

Tgt Ion: 85 Resp: 91027

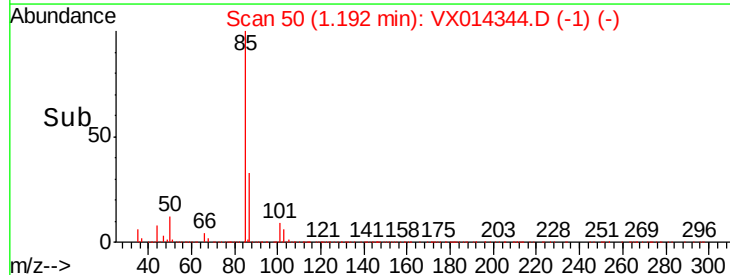
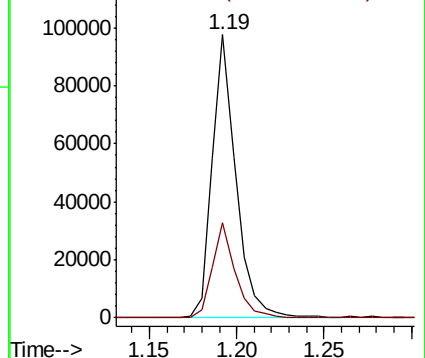
Ion Ratio Lower Upper

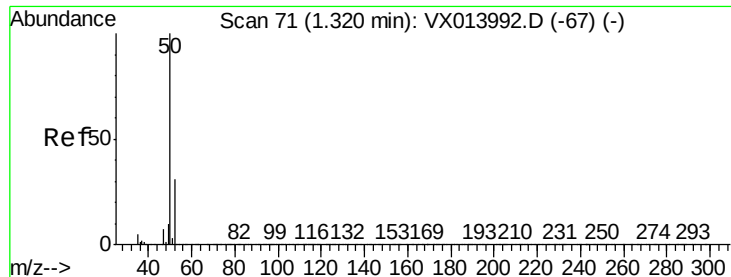
85 100

87 33.3 16.3 48.9



Abundance Ion 85.00 (84.70 to 85.70): VX0
Ion 87.00 (86.70 to 87.70): VX0

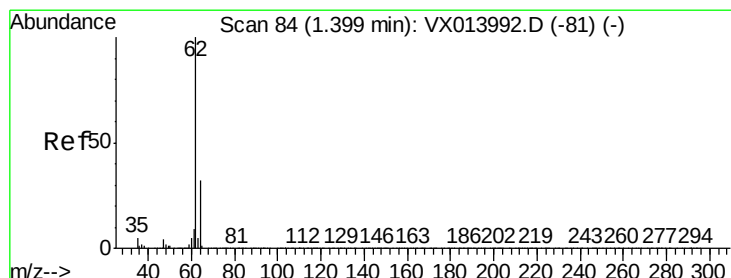
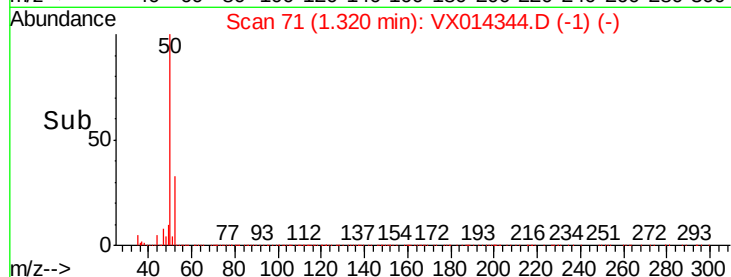
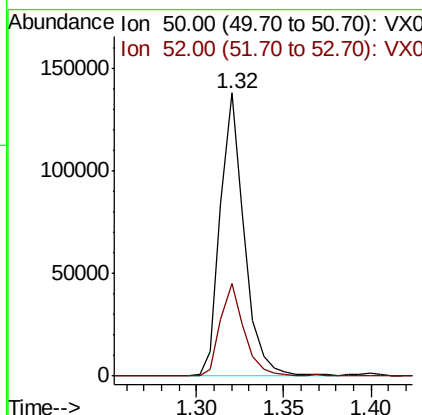
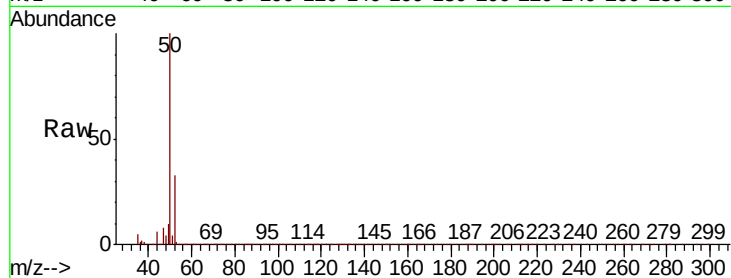




#3
Chloromethane
Concen: 18.931 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

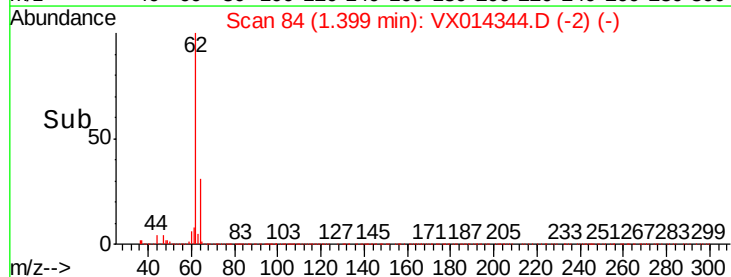
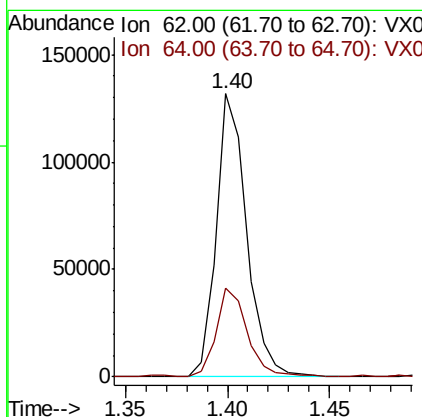
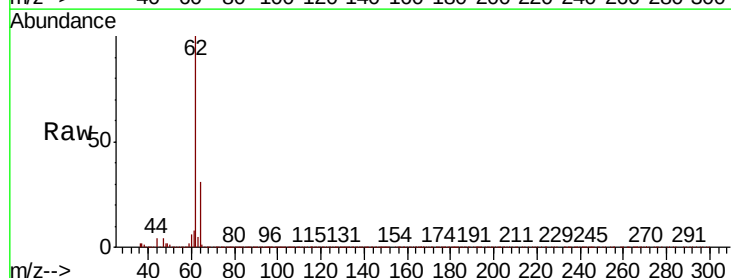
Instrument :
MSVOA_X
ClientSampled :

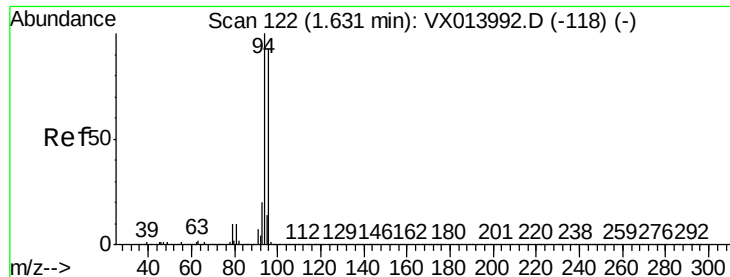
Tot Ion: 50 Resp: 130433
Ion Ratio Lower Upper
50 100
52 32.4 24.3 36.5



#4
Vinyl Chloride
Concen: 19.163 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

Tgt Ion: 62 Resp: 135346
Ion Ratio Lower Upper
62 100
64 30.9 25.2 37.8





#5

Bromomethane

Concen: 16.075 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Instrument :

MSVOA_X

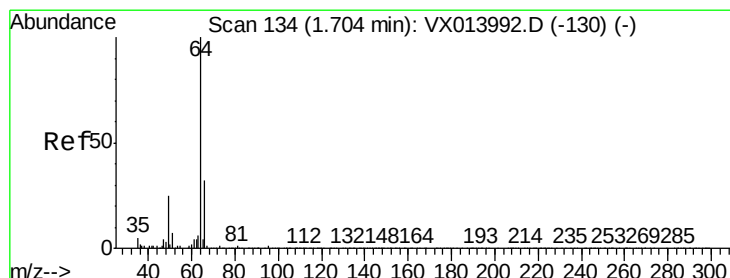
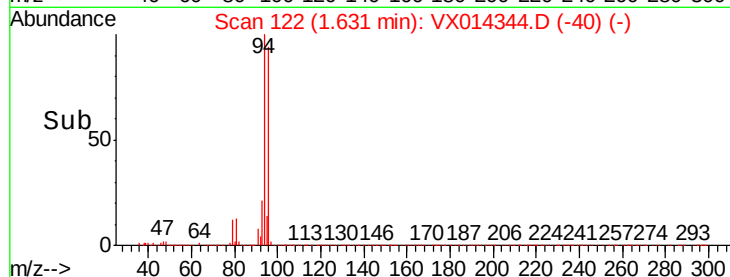
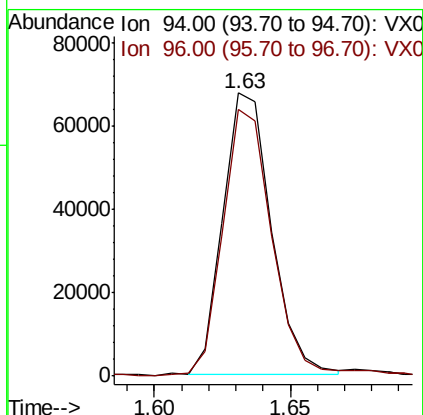
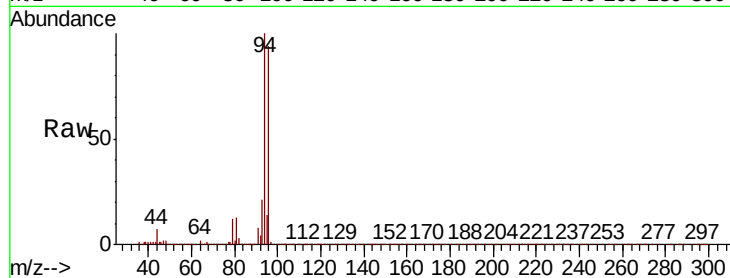
ClientSampleId :

Tot Ion: 94 Resp: 83000

Ion Ratio Lower Upper

94 100

96 93.9 74.4 111.6



#6

Chloroethane

Concen: 20.711 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014344.D

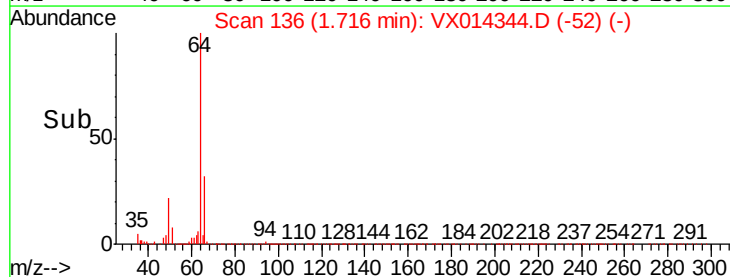
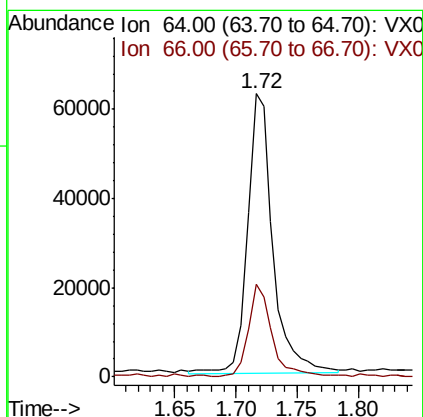
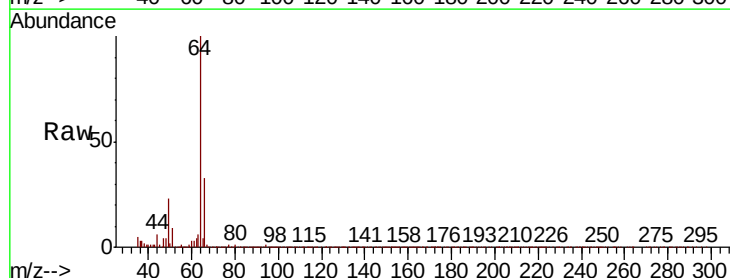
Acq: 30 Dec 2019 10:22

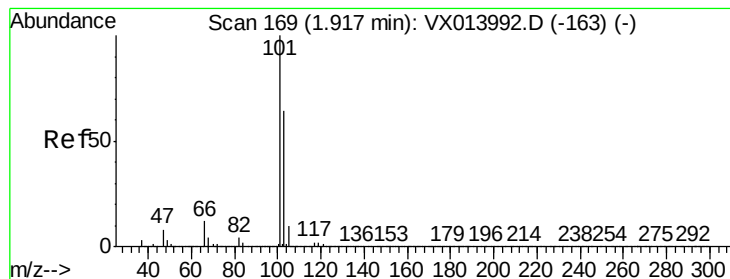
Tgt Ion: 64 Resp: 90358

Ion Ratio Lower Upper

64 100

66 33.2 25.2 37.8



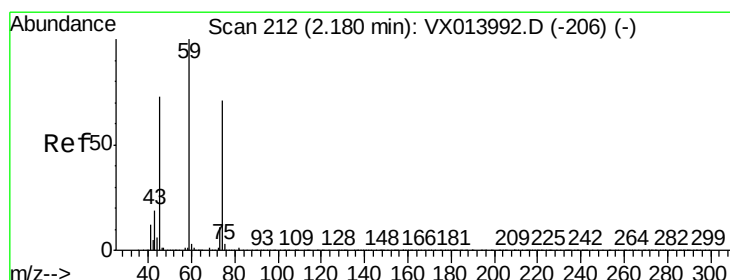
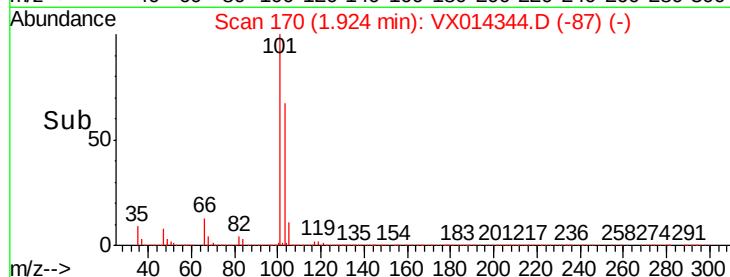
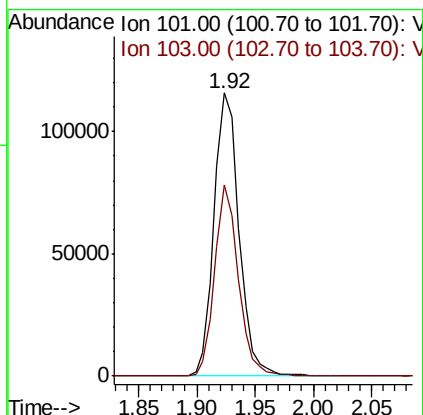
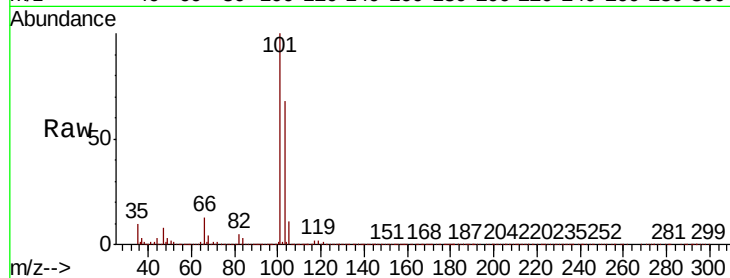


#7

Trichlorofluoromethane
Concen: 19.438 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

Instrument :
MSVOA_X
ClientSampleId :

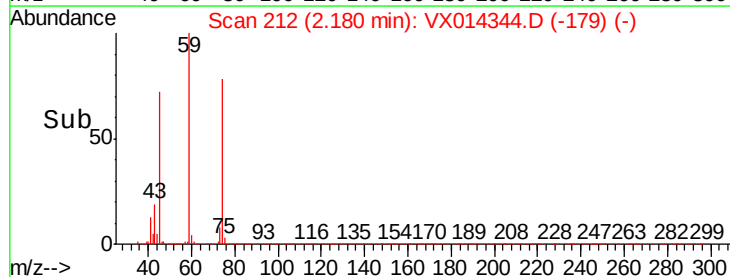
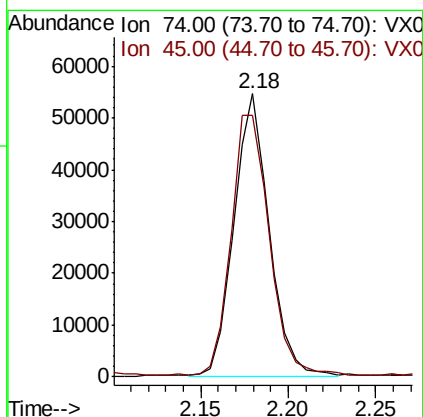
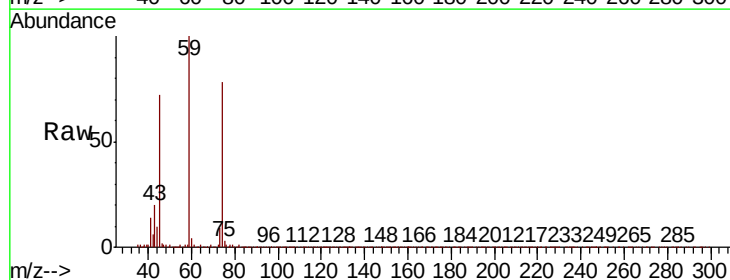
Tot Ion:101 Resp: 170838
Ion Ratio Lower Upper
101 100
103 67.5 51.6 77.4

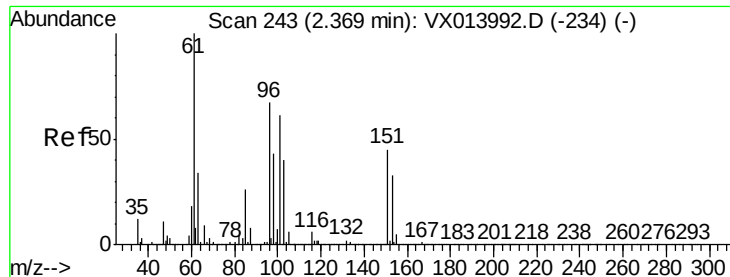


#8

Diethyl Ether
Concen: 18.887 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

Tgt Ion: 74 Resp: 76297
Ion Ratio Lower Upper
74 100
45 98.7 20.6 185.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.102 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

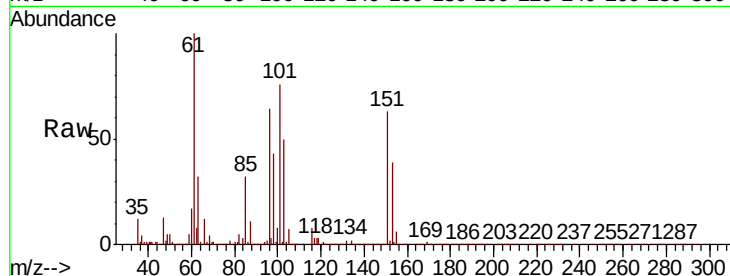
Tot Ion:101 Resp: 105371

Ion Ratio Lower Upper

101 100

85 41.8 0.0 85.6

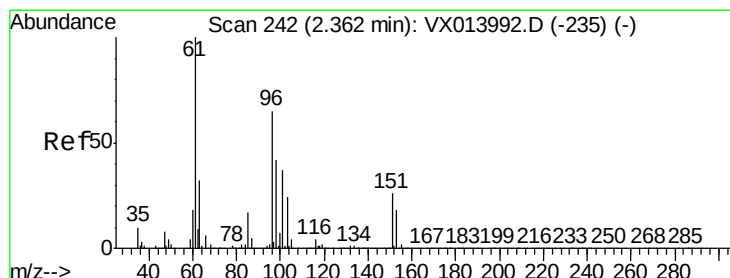
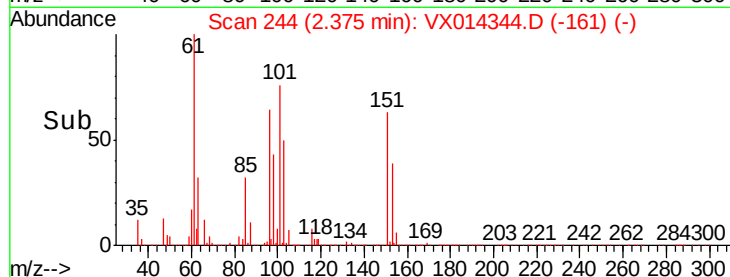
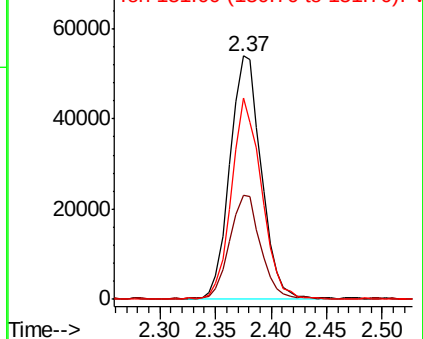
151 79.0 0.0 159.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.137 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

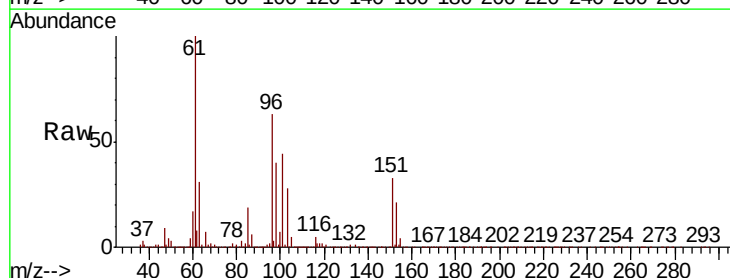
Tgt Ion: 96 Resp: 103706

Ion Ratio Lower Upper

96 100

61 158.6 123.0 184.6

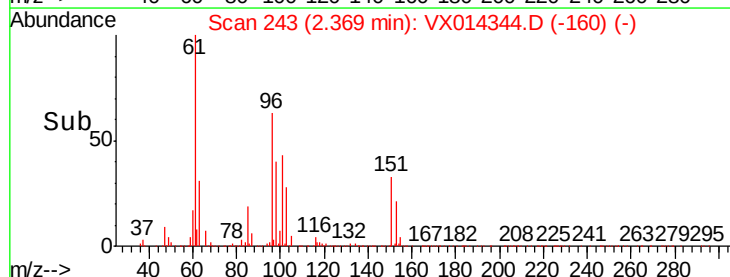
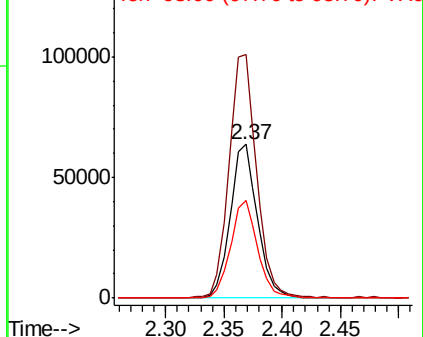
98 63.6 51.4 77.0

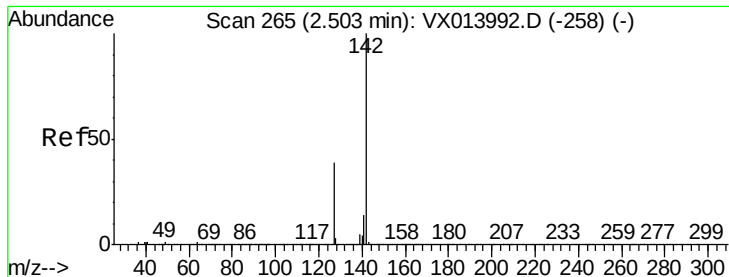


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

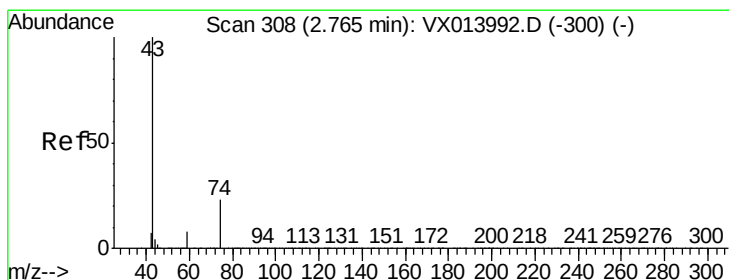
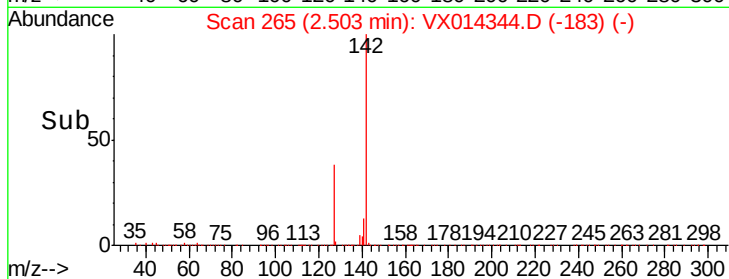
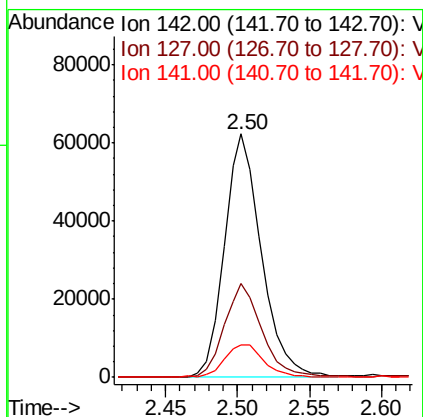
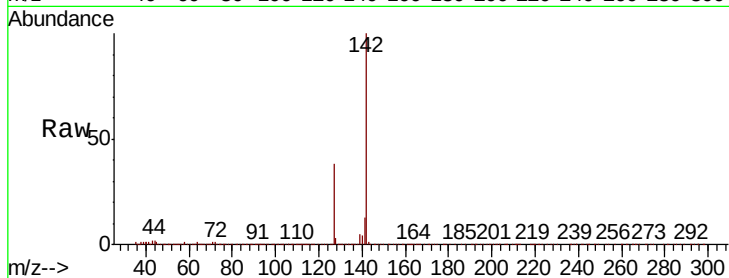




#11
Methvl Iodide
Concen: 15.877 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

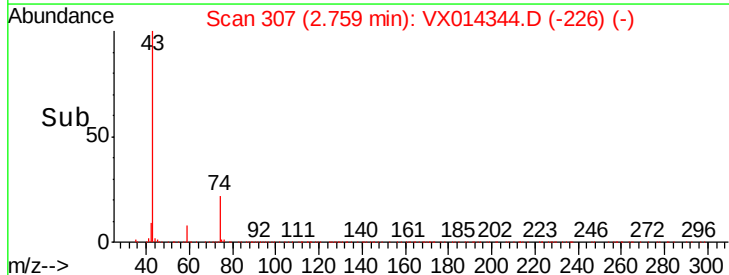
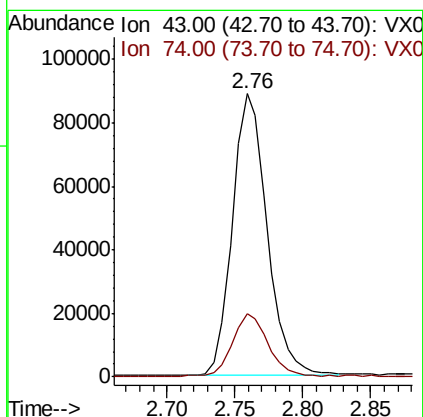
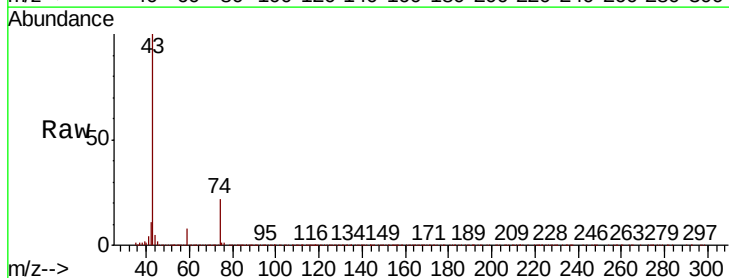
Instrument :
MSVOA_X
ClientSampleId :

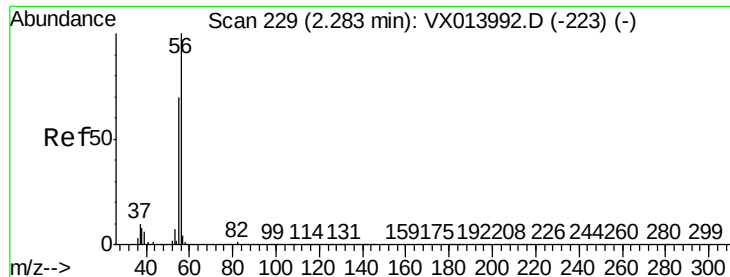
Tot Ion:142 Resp: 110758
Ion Ratio Lower Upper
142 100
127 38.1 19.5 58.5
141 12.9 7.0 20.9



#12
Methyl Acetate
Concen: 18.804 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

Tgt Ion: 43 Resp: 157750
Ion Ratio Lower Upper
43 100
74 22.1 18.5 27.7





#13

Acrolein

Concen: 119.656 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Instrument :

MSVOA_X

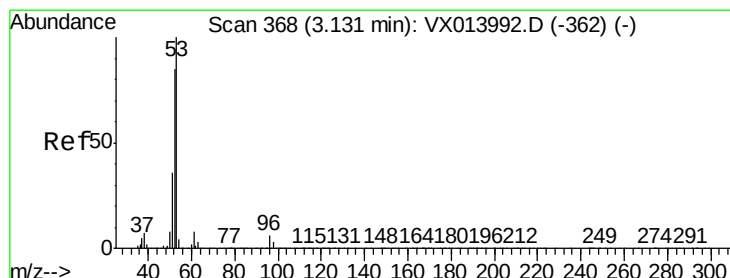
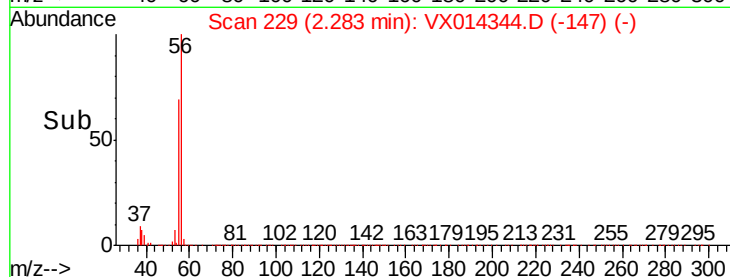
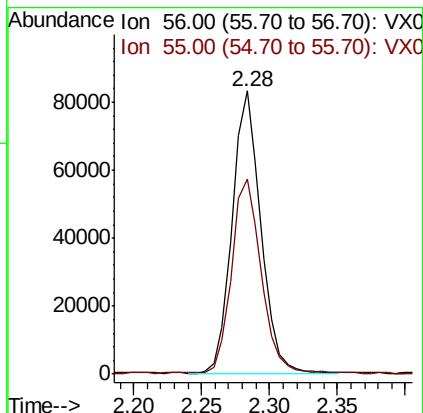
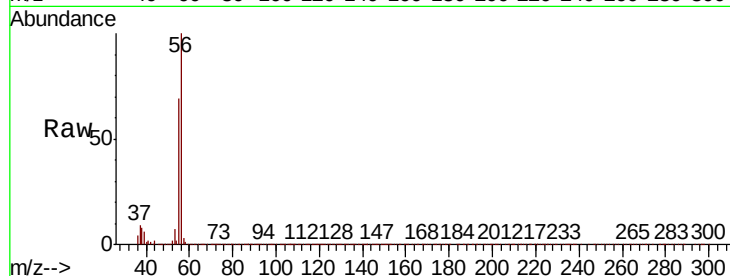
ClientSampleId :

Tot Ion: 56 Resp: 121752

Ion Ratio Lower Upper

56 100

55 70.9 54.9 82.3



#14

Acrylonitrile

Concen: 94.625 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

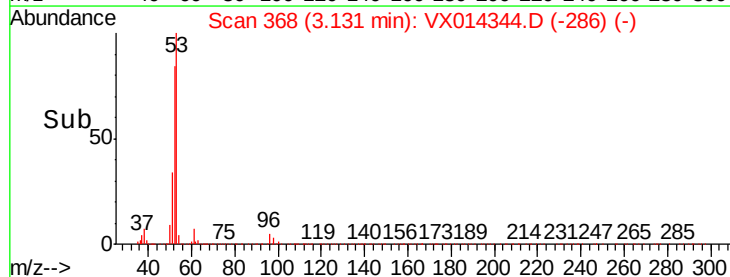
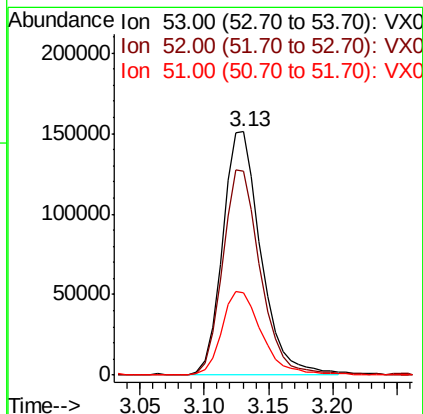
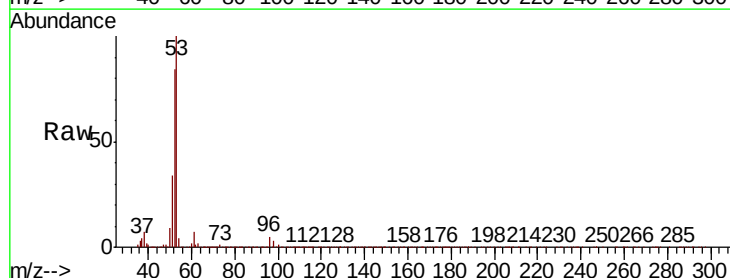
Tgt Ion: 53 Resp: 310334

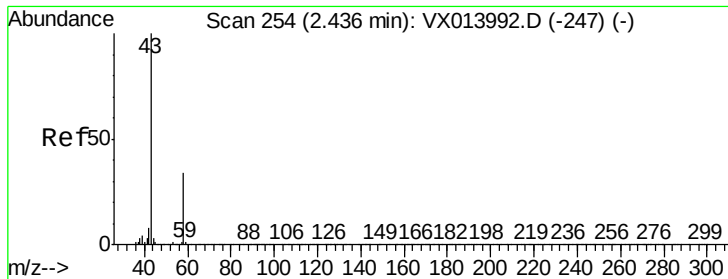
Ion Ratio Lower Upper

53 100

52 84.0 41.5 124.6

51 36.3 17.8 53.5





#15

Acetone

Concen: 124.263 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

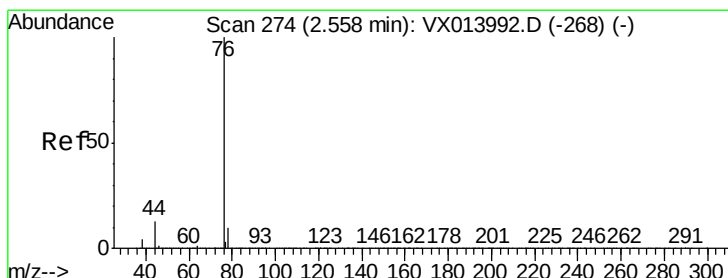
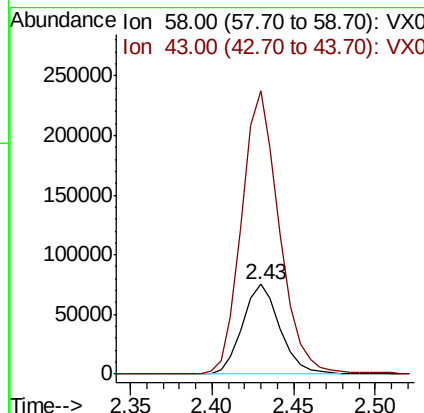
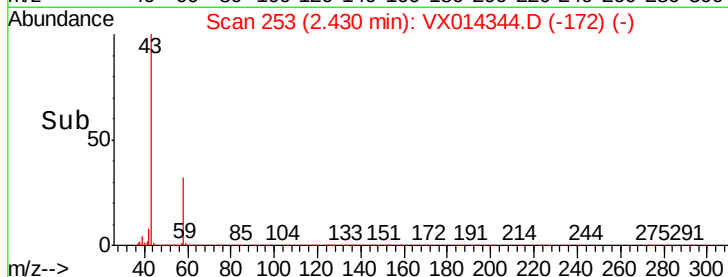
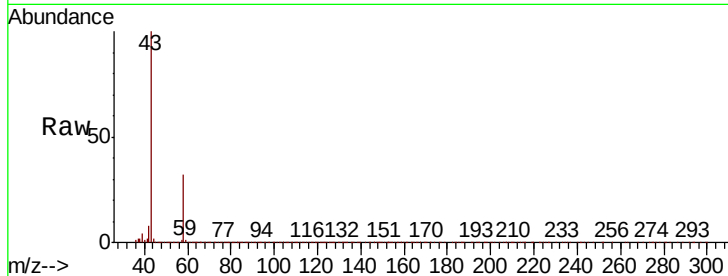
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 58 Resp: 119719

Ion Ratio Lower Upper

58 100

43 315.0 236.3 354.5



#16

Carbon Disulfide

Concen: 19.858 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014344.D

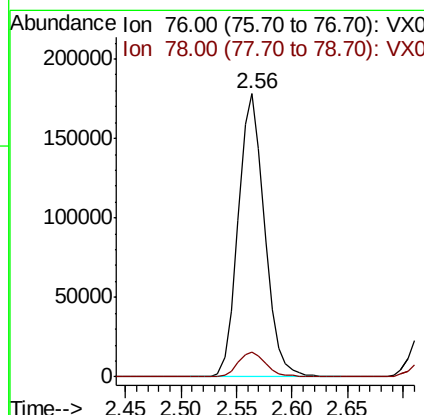
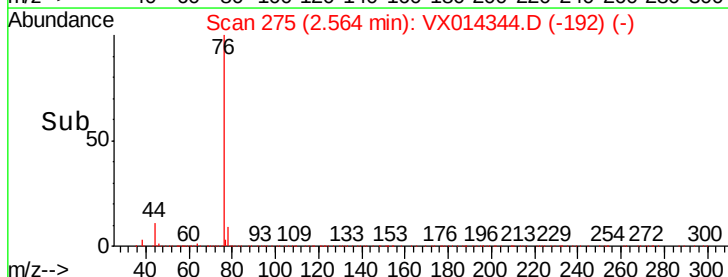
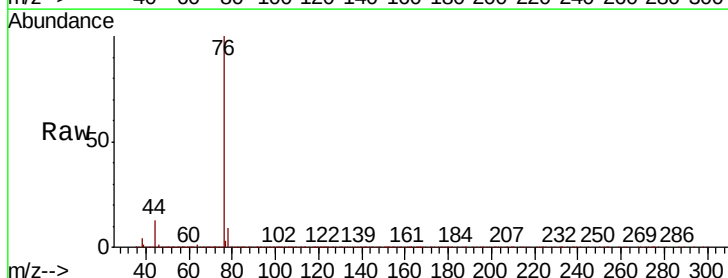
Acq: 30 Dec 2019 10:22

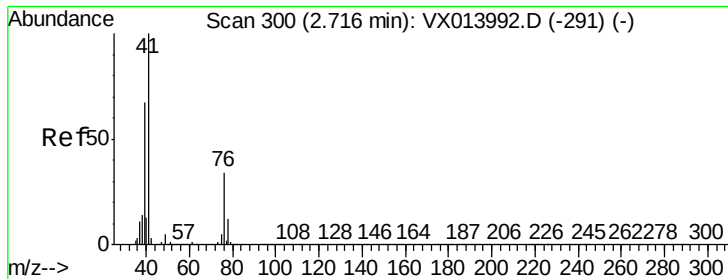
Tgt Ion: 76 Resp: 291516

Ion Ratio Lower Upper

76 100

78 8.7 7.8 11.8

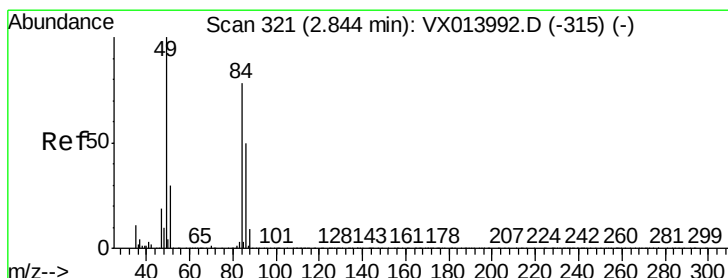
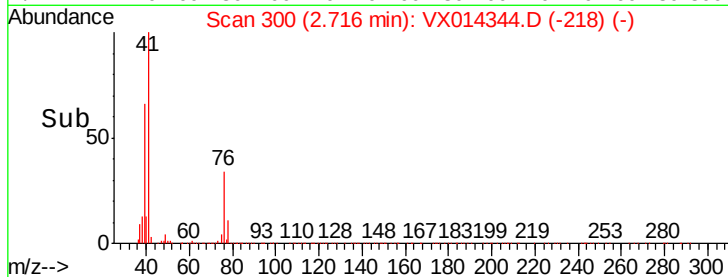
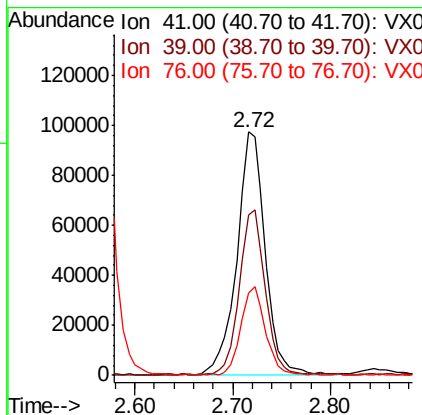
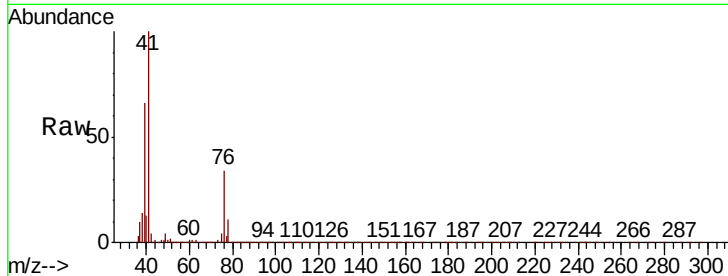




#17
Allvl chloride
Concen: 19.992 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

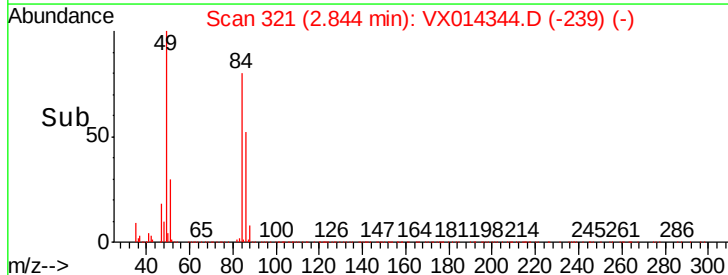
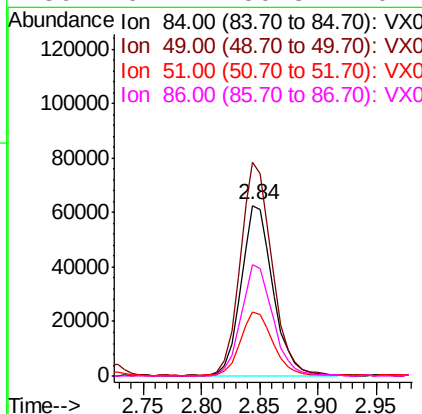
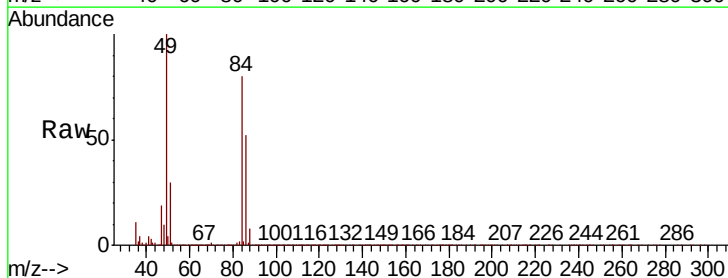
Instrument :
MSVOA_X
ClientSampleId :

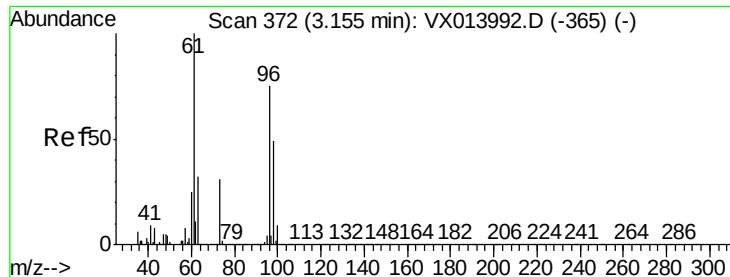
Tot Ion: 41 Resp: 194674
Ion Ratio Lower Upper
41 100
39 65.4 33.4 100.2
76 33.5 17.0 50.9



#18
Methylene Chloride
Concen: 17.937 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

Tgt Ion: 84 Resp: 119102
Ion Ratio Lower Upper
84 100
49 124.5 102.2 153.2
51 37.3 31.4 47.0
86 64.7 50.8 76.2





#19

trans-1,2-Dichloroethene

Concen: 18.990 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Instrument :
MSVOA_X
ClientSampleId :

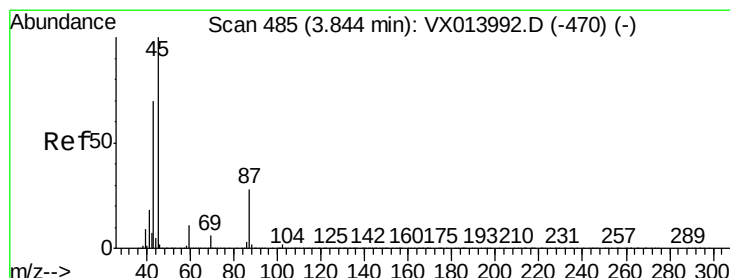
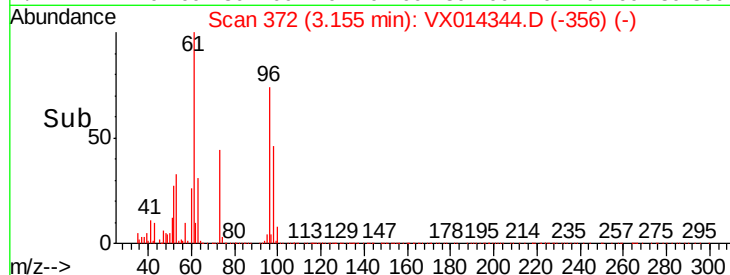
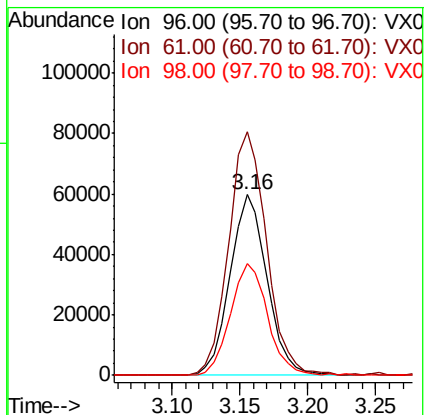
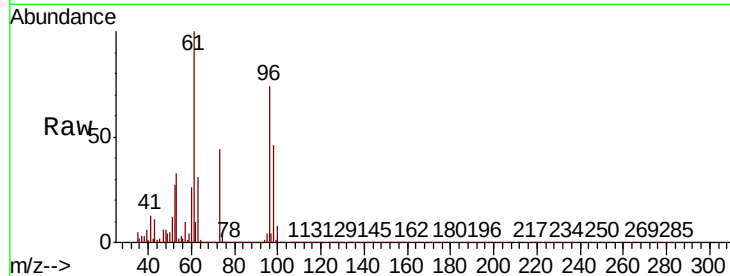
Tot Ion: 96 Resp: 112688

Ion Ratio Lower Upper

96 100

61 134.8 106.6 159.8

98 61.7 51.6 77.4



#20

Diisopropyl ether

Concen: 19.710 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Tgt Ion: 45 Resp: 393820

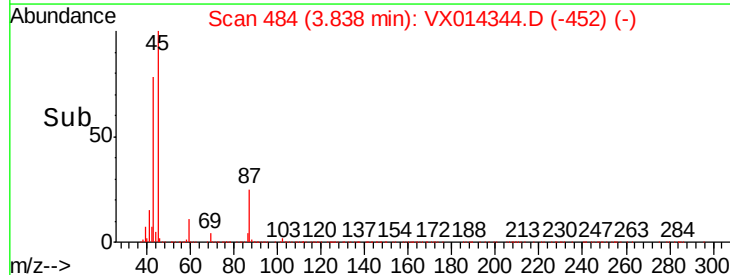
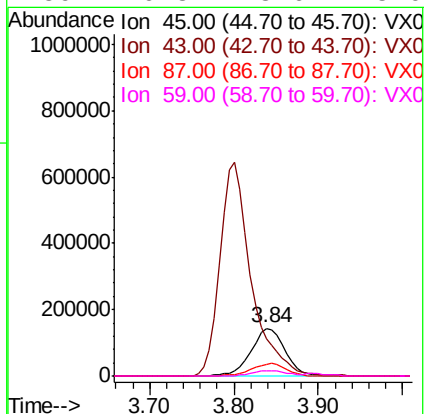
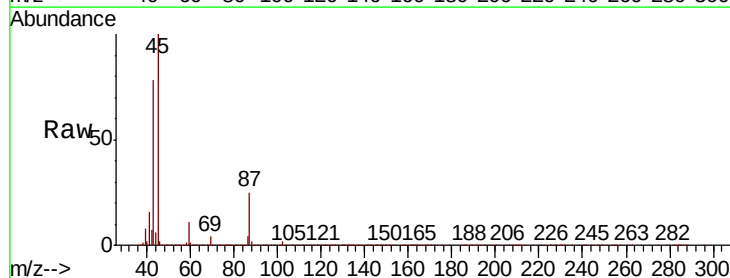
Ion Ratio Lower Upper

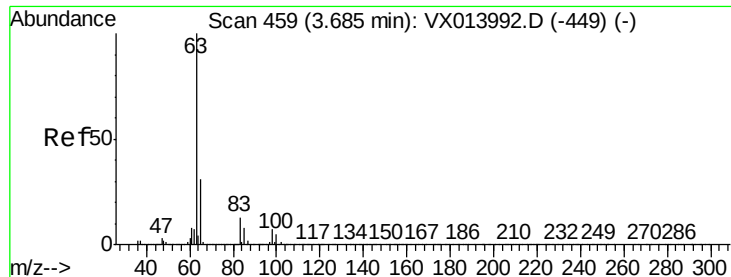
45 100

43 77.7 55.9 83.9

87 25.1 22.2 33.2

59 10.8 8.6 13.0





#21

1,1-Dichloroethane

Concen: 18.956 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

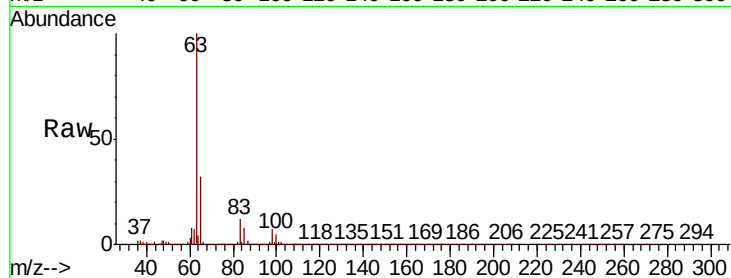
Tot Ion: 63 Resp: 205569

Ion Ratio Lower Upper

63 100

98 7.3 3.4 10.1

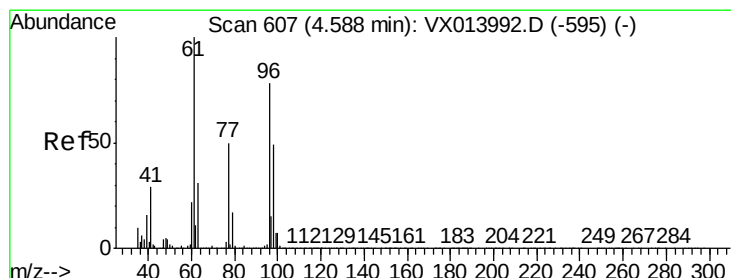
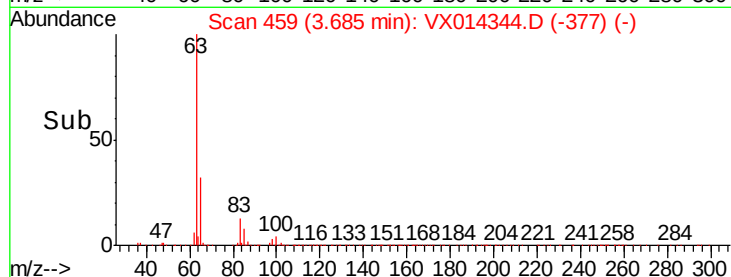
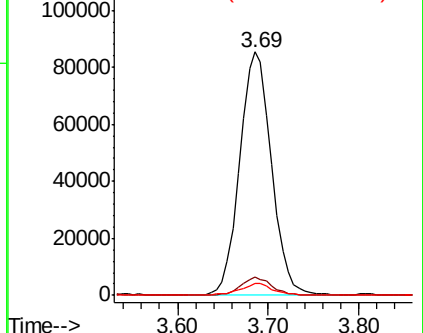
100 4.9 2.5 7.4



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 18.621 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

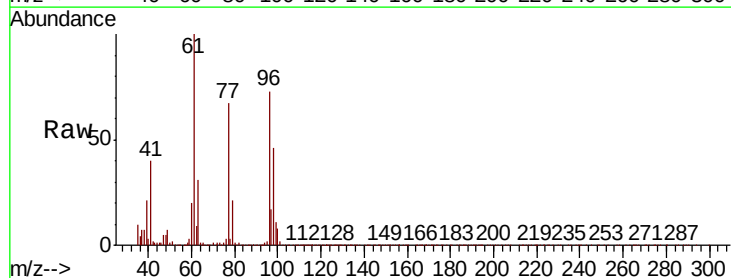
Tgt Ion: 96 Resp: 128098

Ion Ratio Lower Upper

96 100

61 144.2 112.4 168.6

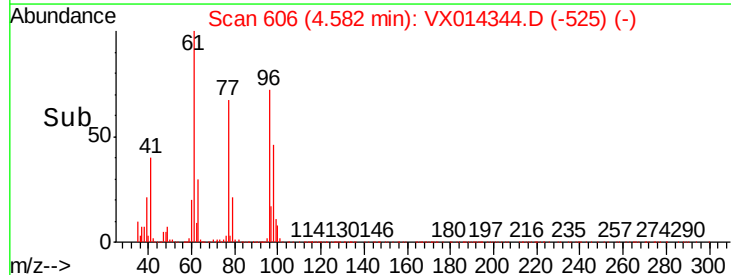
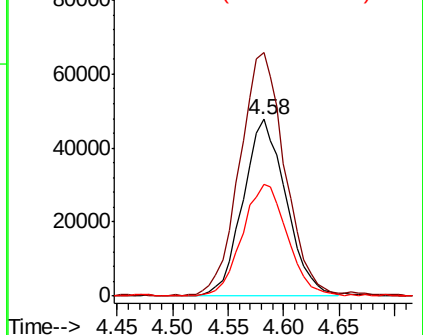
98 65.7 50.3 75.5

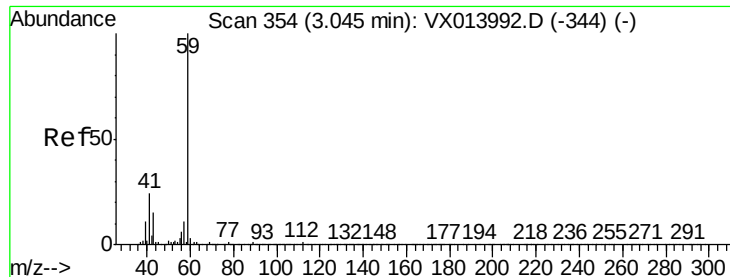


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#23

tert-Butyl Alcohol

Concen: 99.933 ug/l

RT: 3.02 min Scan# 350

Delta R.T. -0.02 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Instrument :

MSVOA_X

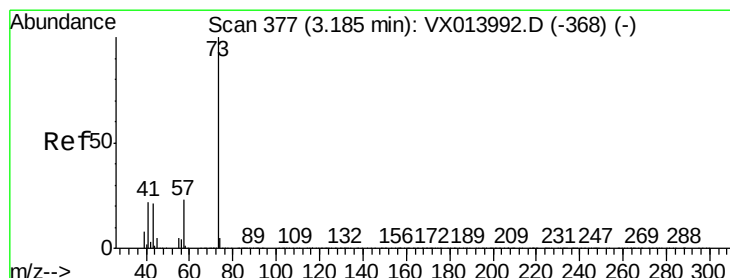
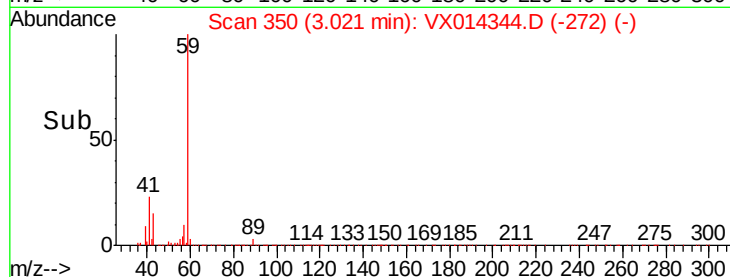
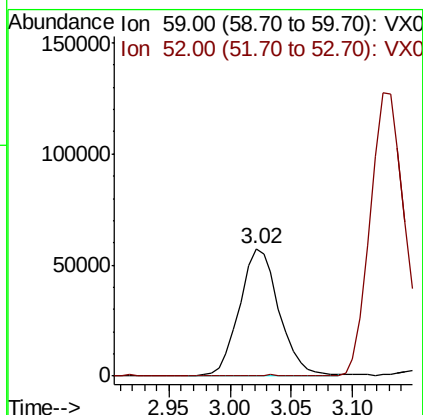
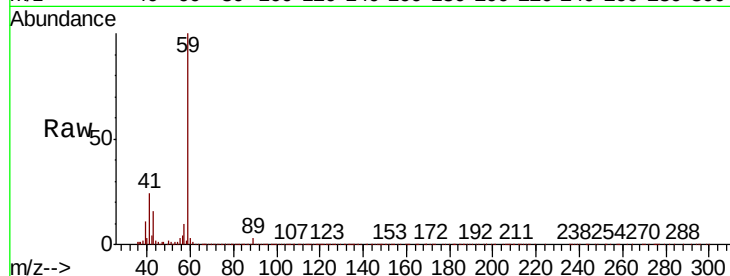
ClientSampleId :

Tot Ion: 59 Resp: 128550

Ion Ratio Lower Upper

59 100

52 0.3 0.2 0.2#



#24

Methyl tert-Butyl Ether

Concen: 18.768 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: VX014344.D

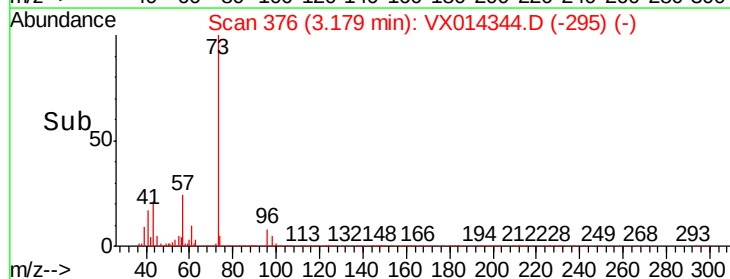
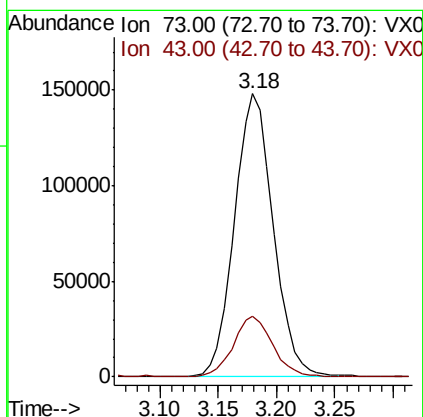
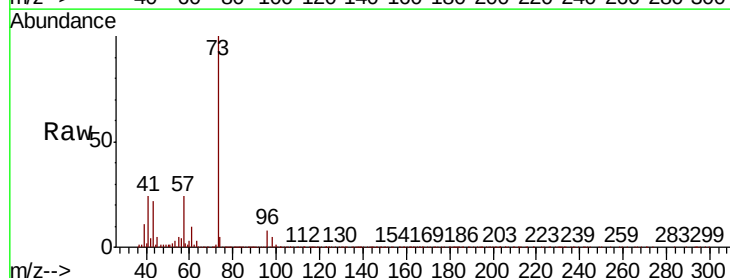
Acq: 30 Dec 2019 10:22

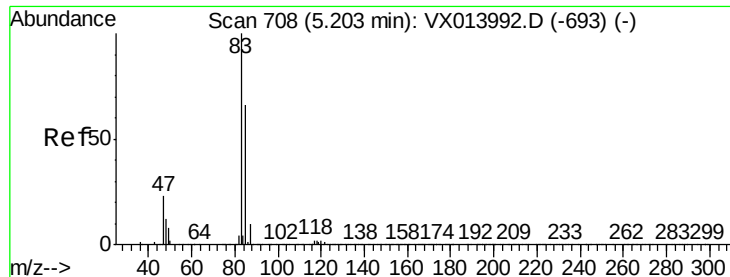
Tgt Ion: 73 Resp: 343571

Ion Ratio Lower Upper

73 100

43 21.2 16.6 25.0





#25

Chloroform

Concen: 19.074 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Instrument :

MSVOA_X

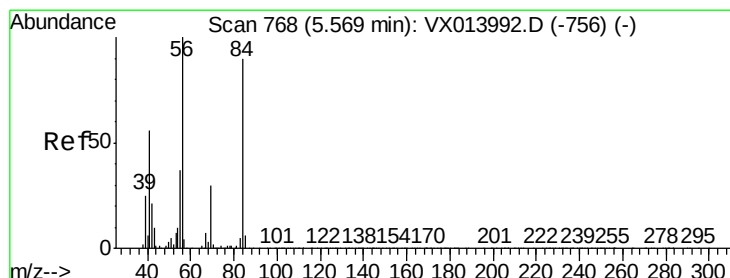
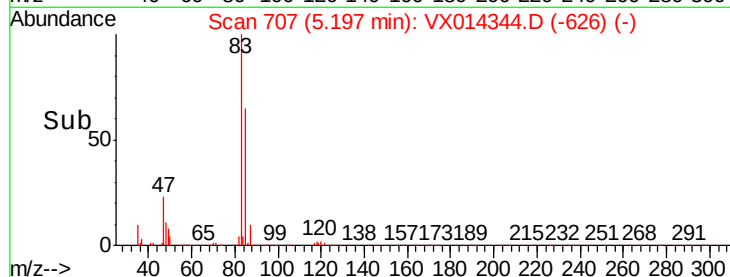
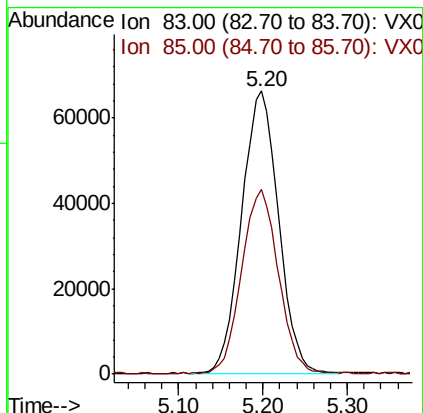
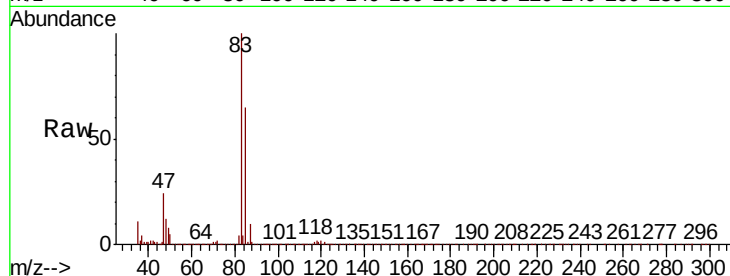
ClientSampleId :

Tot Ion: 83 Resp: 197208

Ion Ratio Lower Upper

83 100

85 65.4 52.7 79.1



#26

Cyclohexane

Concen: 19.699 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

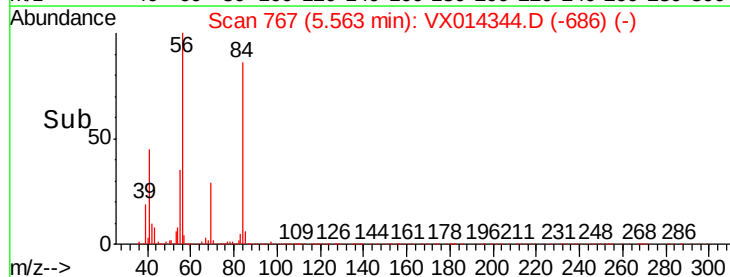
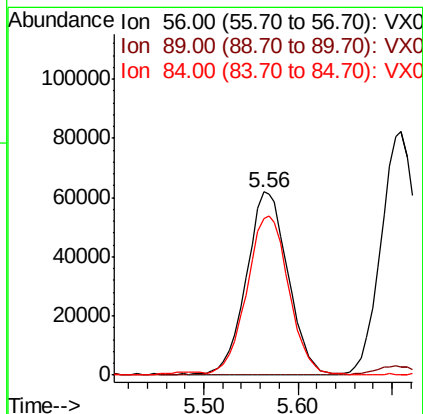
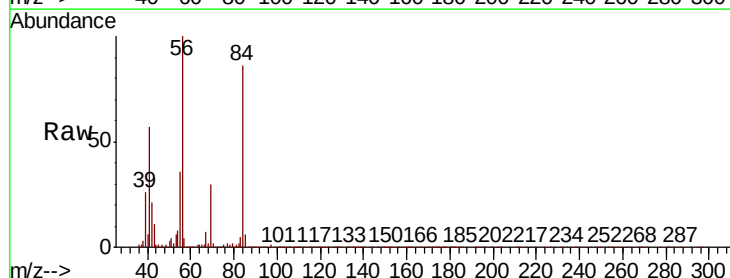
Tgt Ion: 56 Resp: 190483

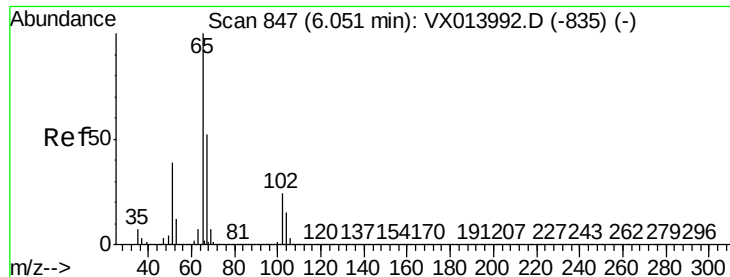
Ion Ratio Lower Upper

56 100

89 0.2 0.1 0.1#

84 86.5 70.8 106.2





#27

1,2-Dichloroethane-d4

Concen: 30.133 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Instrument :

MSVOA_X

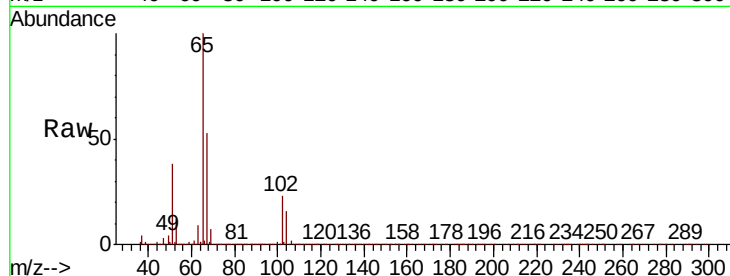
ClientSampleId :

Tot Ion: 65 Resp: 208845

Ion Ratio Lower Upper

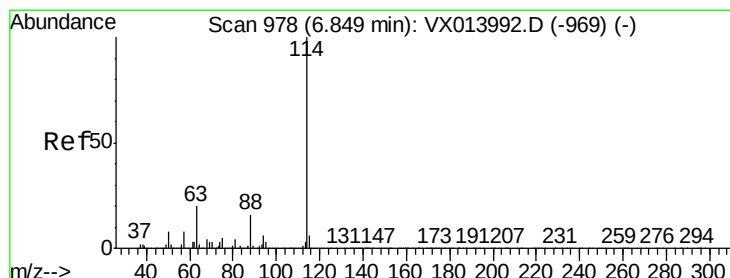
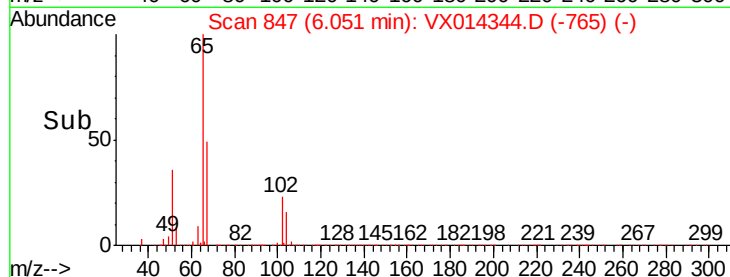
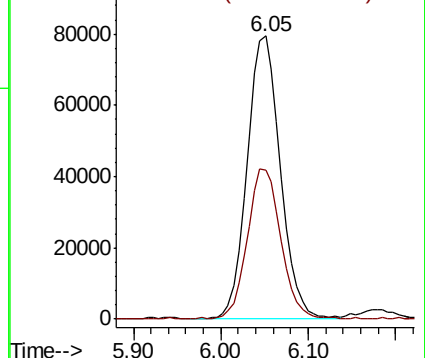
65 100

67 53.0 43.1 64.7



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

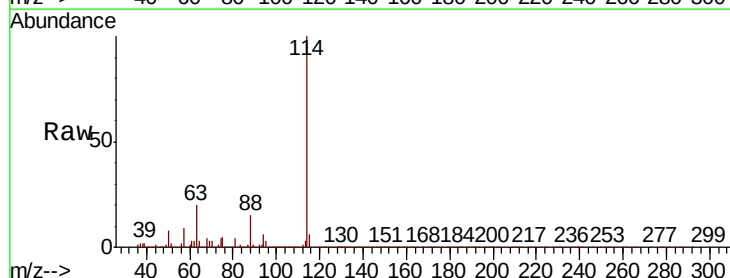
Tgt Ion: 114 Resp: 552779

Ion Ratio Lower Upper

114 100

63 20.6 16.1 24.1

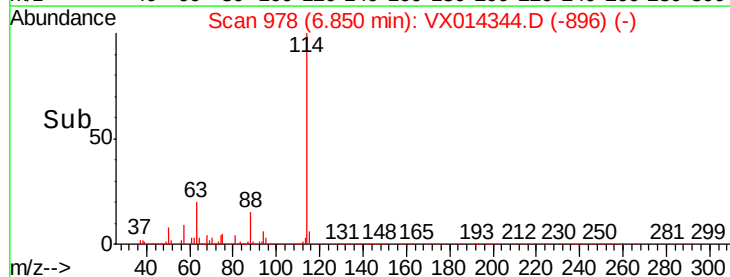
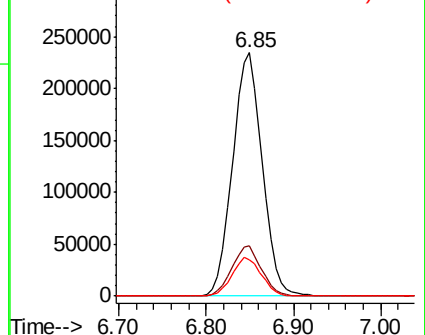
88 15.6 12.5 18.7

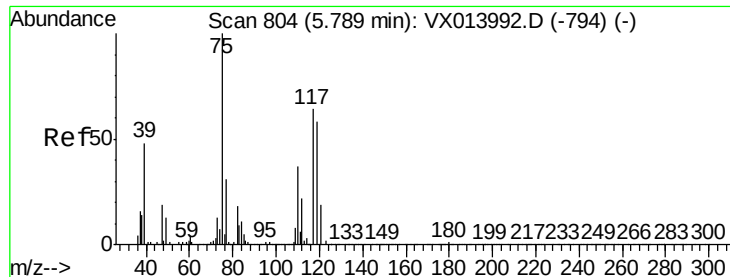


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

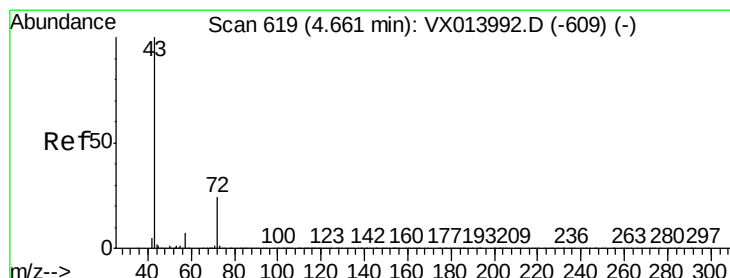
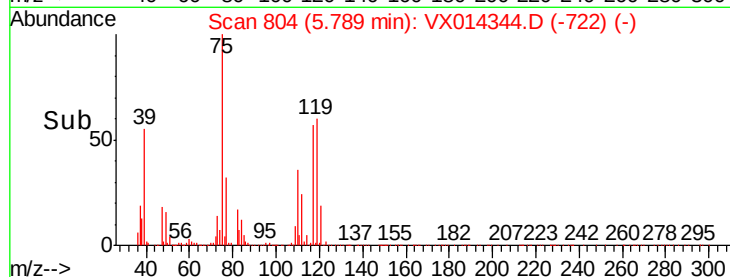
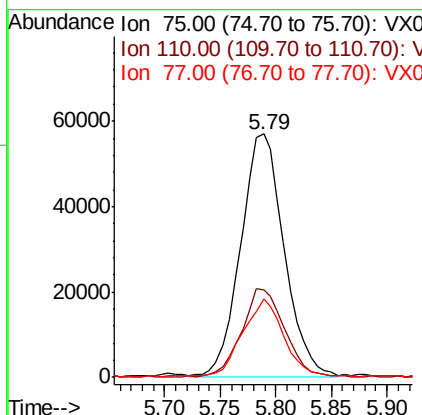
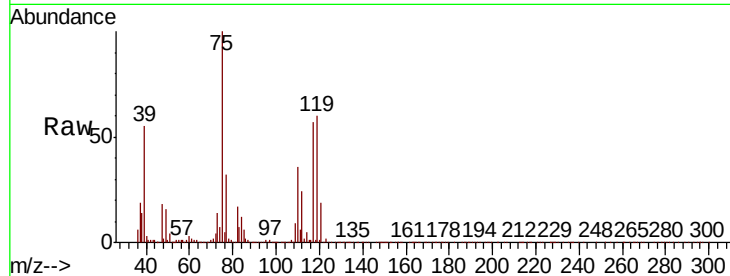




#29
1,1-Dichloropropene
Concen: 19.343 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

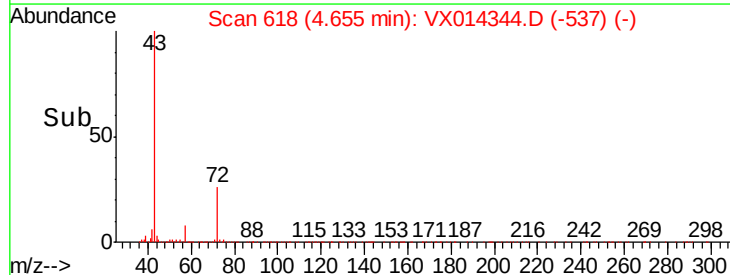
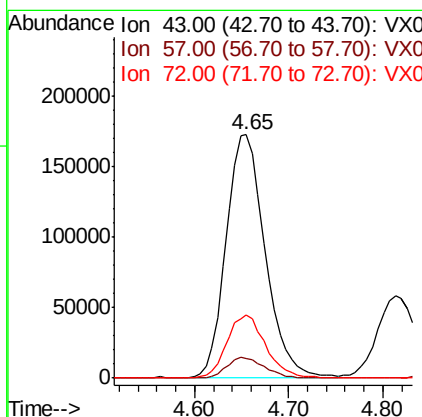
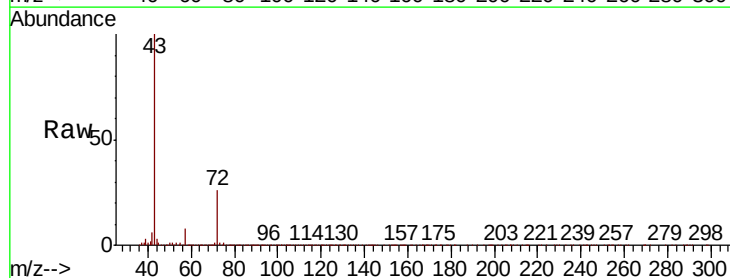
Instrument :
MSVOA_X
ClientSampleId :

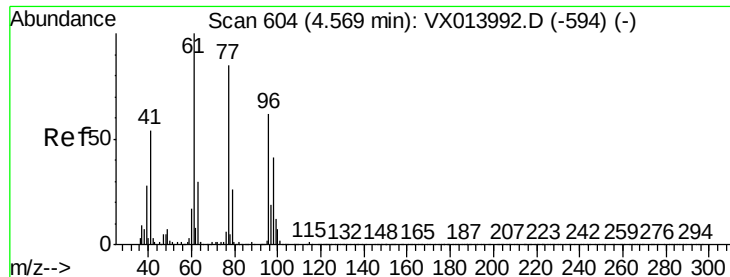
Tot Ion	Ratio	Lower	Upper
75	100		
110	36.0	0.0	73.8
77	30.3	0.0	62.4



#30
2-Butanone
Concen: 105.094 ug/l
RT: 4.65 min Scan# 618
Delta R.T. -0.01 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.0	6.2	9.2
72	25.0	20.3	30.5

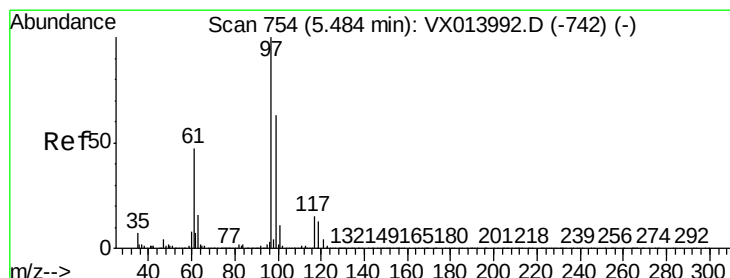
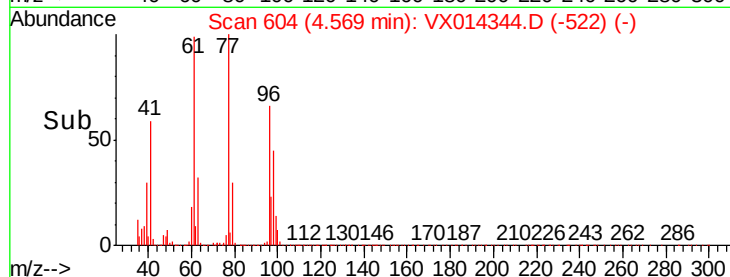
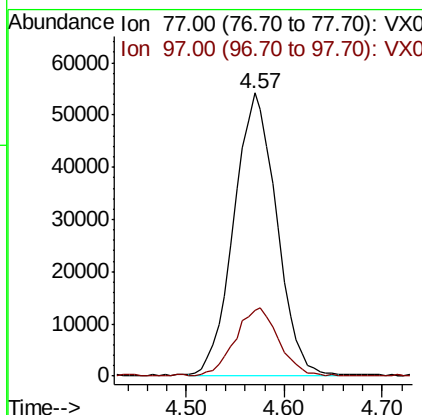
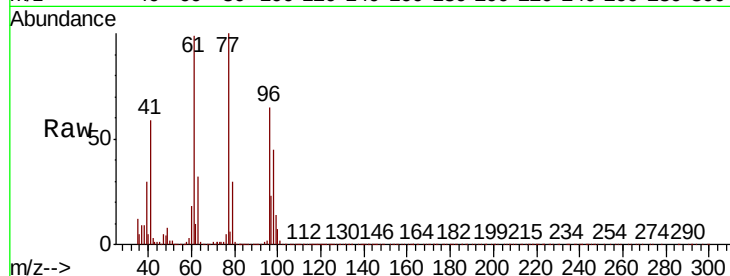




#31
 2,2-Dichloropropane
 Concen: 22.191 ug/l
 RT: 4.57 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VX014344.D
 Acq: 30 Dec 2019 10:22

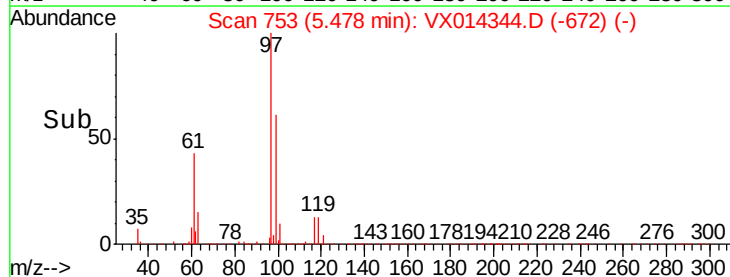
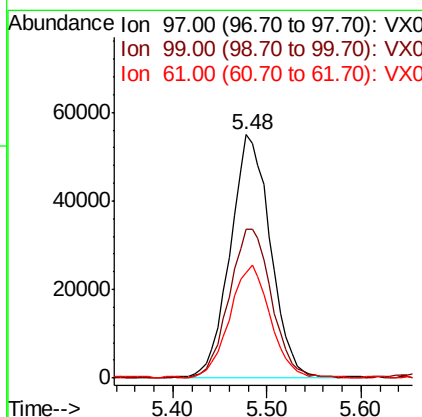
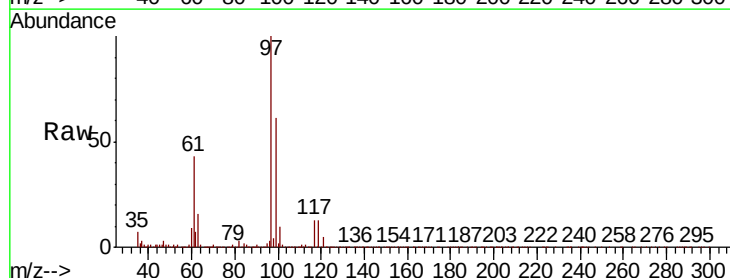
Instrument :
 MSVOA_X
 ClientSampled :

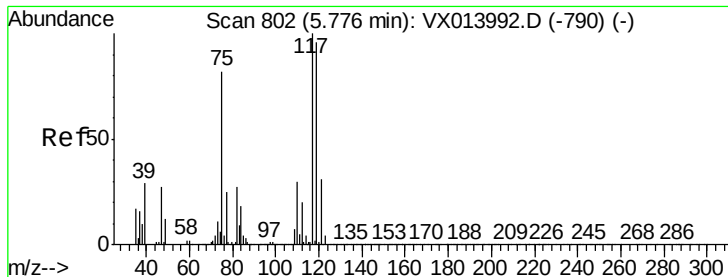
Tot Ion: 77 Resp: 163900
 Ion Ratio Lower Upper
 77 100
 97 24.5 19.7 29.5



#32
 1,1,1-Trichloroethane
 Concen: 18.379 ug/l
 RT: 5.48 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: VX014344.D
 Acq: 30 Dec 2019 10:22

Tgt Ion: 97 Resp: 162314
 Ion Ratio Lower Upper
 97 100
 99 64.4 51.9 77.9
 61 46.2 36.8 55.2





#33

Carbon Tetrachloride

Concen: 18.841 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.01 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

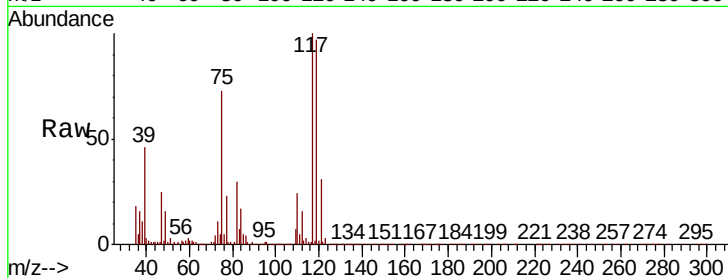
Tot Ion:117 Resp: 141447

Ion Ratio Lower Upper

117 100

119 96.8 77.2 115.8

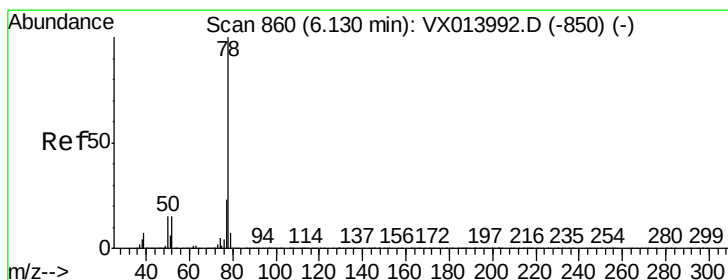
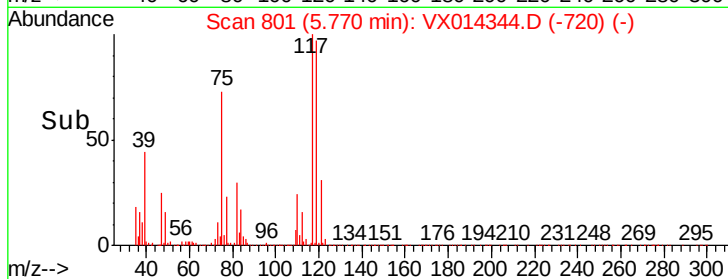
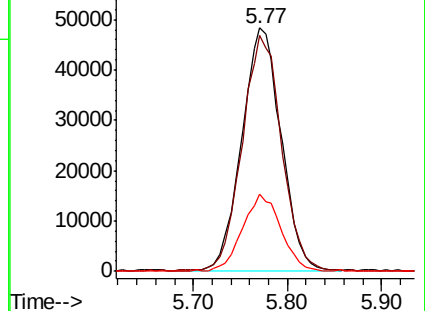
121 31.3 24.8 37.2



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: 18.944 ug/l

RT: 6.13 min Scan# 860

Delta R.T. 0.00 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

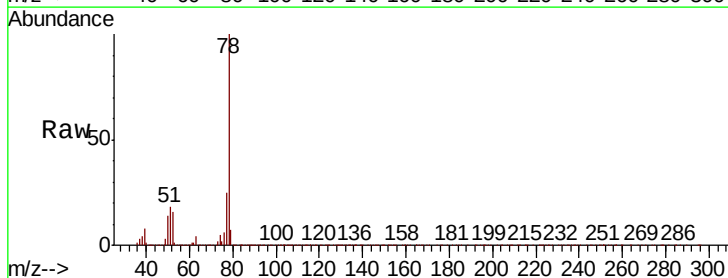
Tgt Ion: 78 Resp: 471666

Ion Ratio Lower Upper

78 100

77 24.5 18.2 27.2

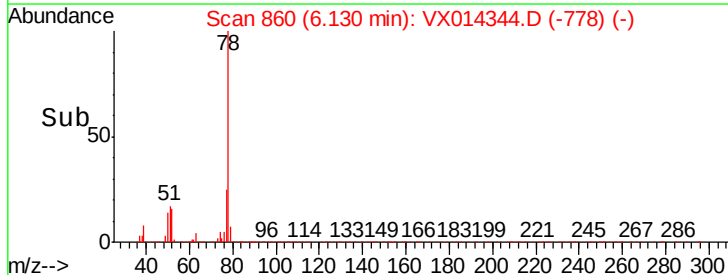
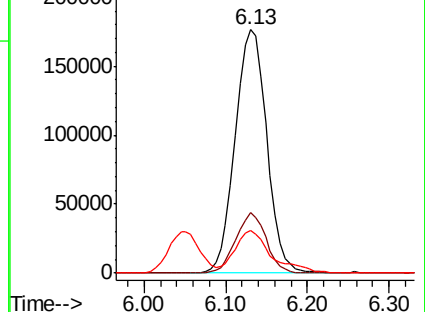
51 17.2 12.4 18.6

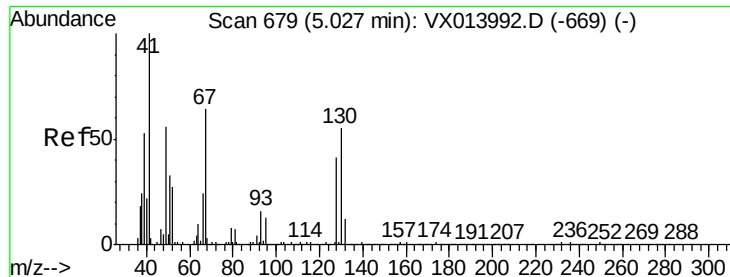


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

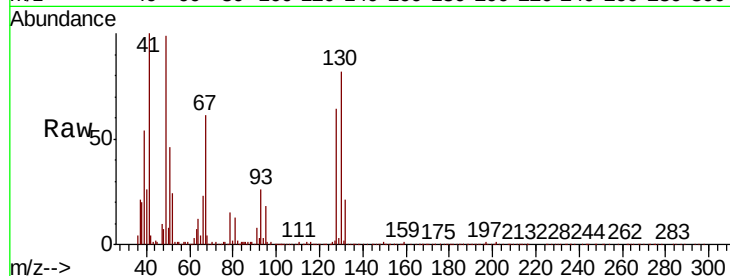




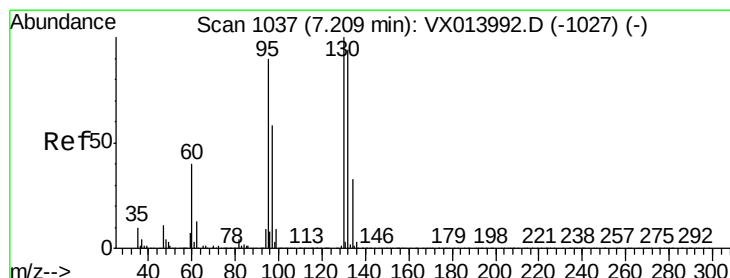
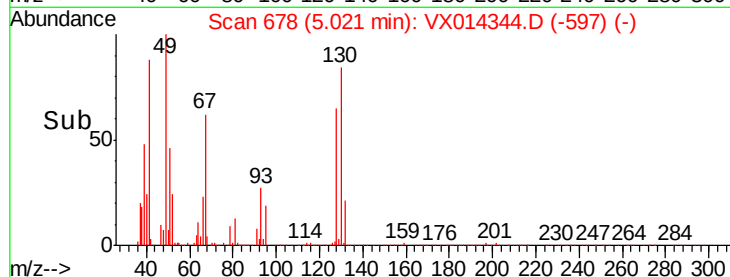
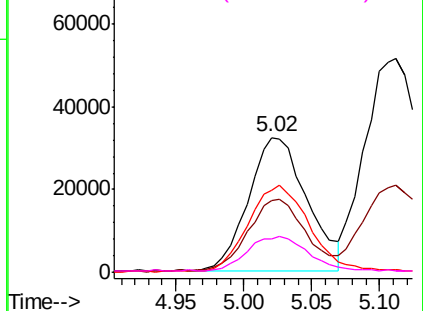
#35
Methacrylonitrile
Concen: 19.086 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	96607
Ion	Ratio	Lower	Upper
41	100		
39	53.5	26.7	80.1
67	60.9	31.5	94.5
52	22.7	12.8	38.4

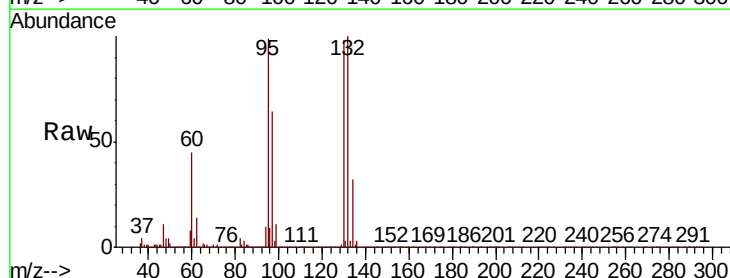


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

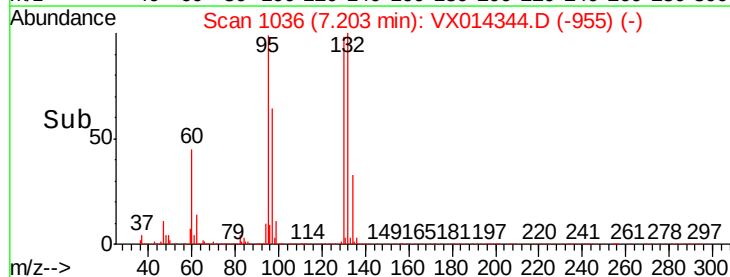
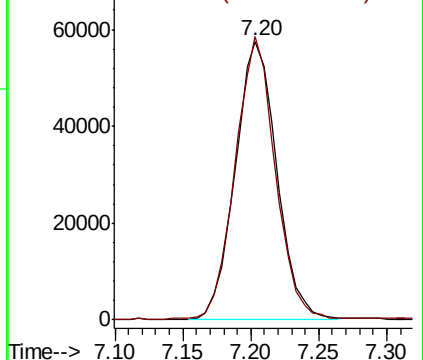


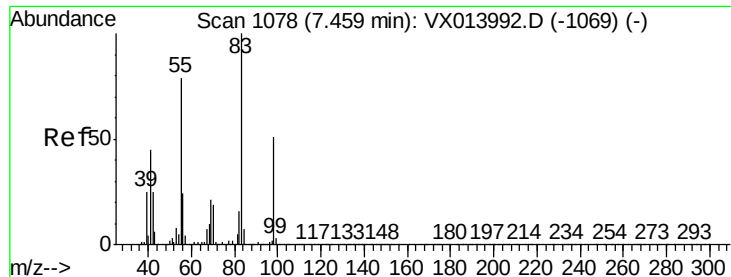
#37
Trichloroethene
Concen: 18.076 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

Tgt Ion:	130	Resp:	122460
Ion	Ratio	Lower	Upper
130	100		
95	101.5	71.7	107.5



Abundance Ion 129.90 (129.60 to 130.60): V
Ion 94.90 (94.60 to 95.60): VX0

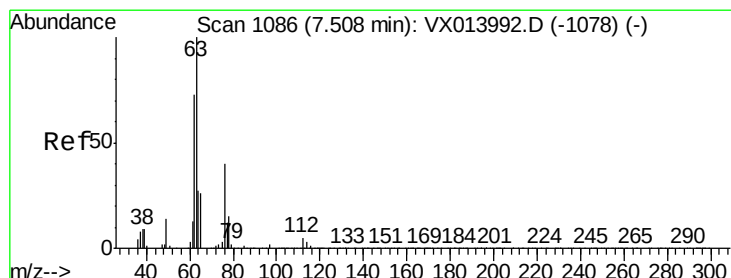
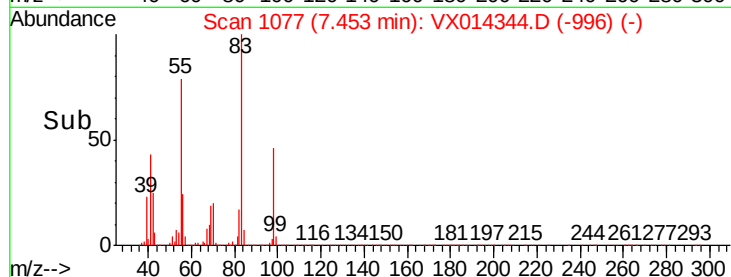
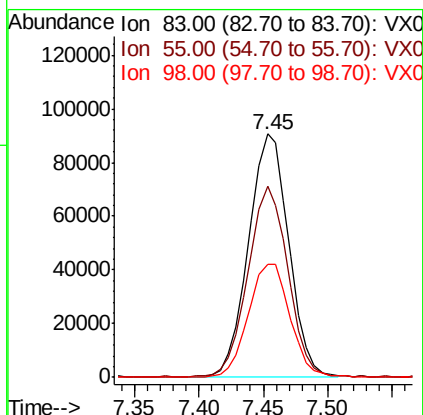
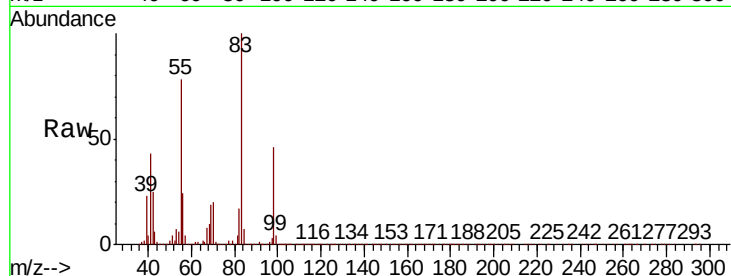




#38
Methylcyclohexane
Concen: 20.487 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

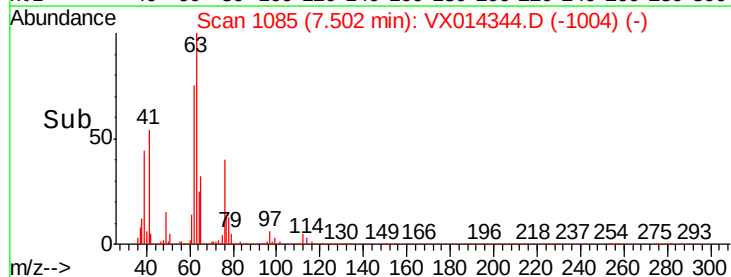
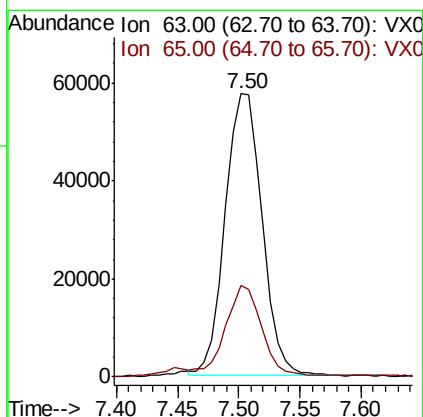
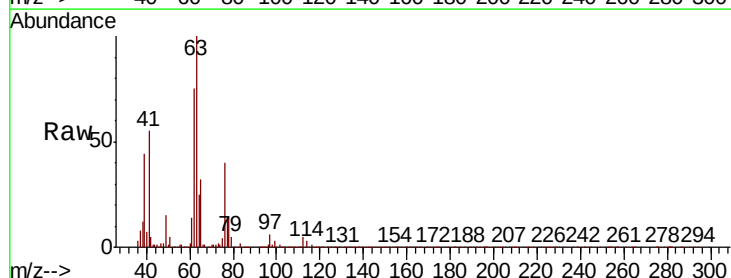
Instrument :
MSVOA_X
ClientSampled :

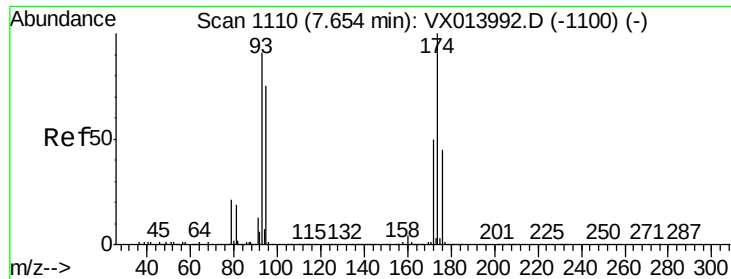
Tot Ion	Ratio	Lower	Upper
83	100		
55	77.6	39.4	118.1
98	48.6	25.1	75.3



#39
1,2-Dichloropropane
Concen: 18.573 ug/l
RT: 7.50 min Scan# 1085
Delta R.T. -0.01 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.8	22.1	33.1





#40

Dibromomethane

Concen: 18.744 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

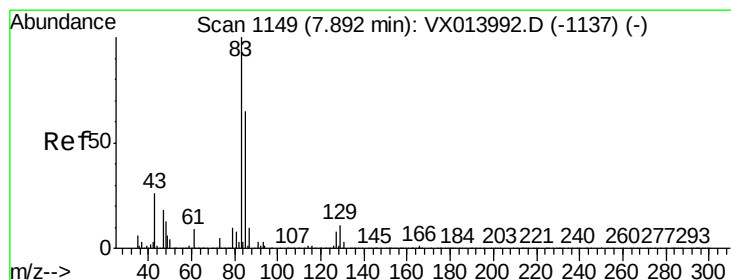
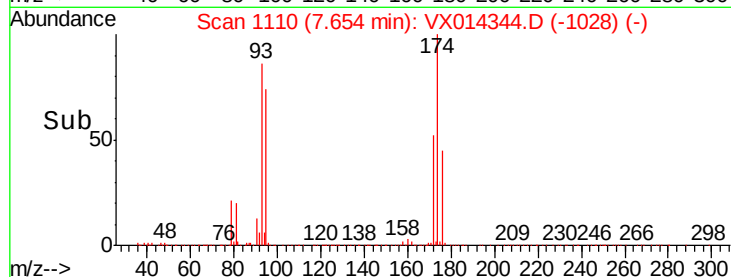
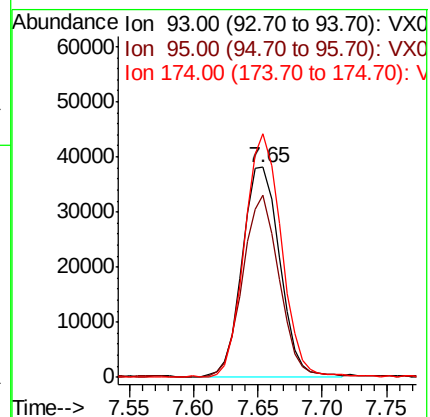
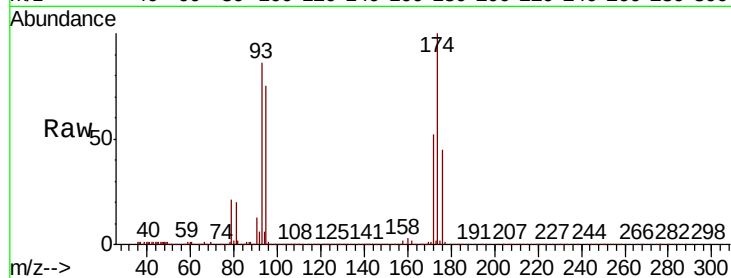
Tot Ion: 93 Resp: 77430

Ion Ratio Lower Upper

93 100

95 84.6 0.0 164.4

174 111.7 0.0 228.8



#41

Bromodichloromethane

Concen: 18.949 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

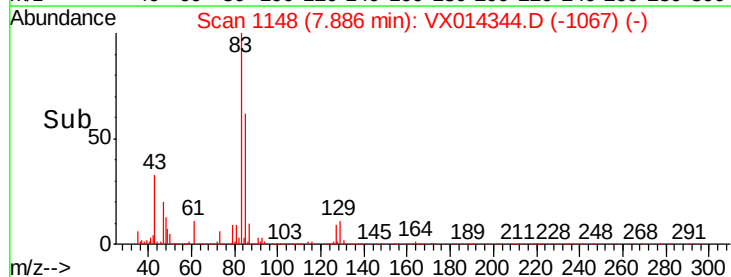
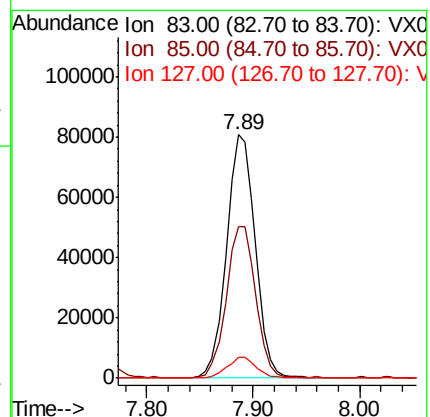
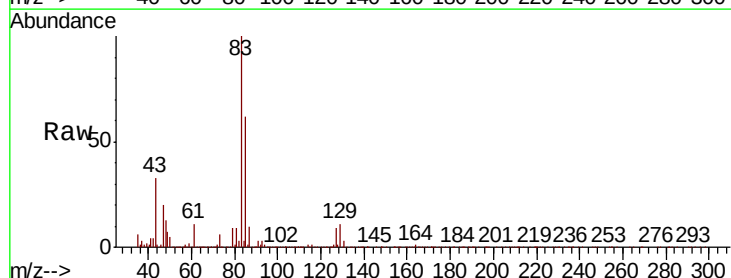
Tgt Ion: 83 Resp: 151568

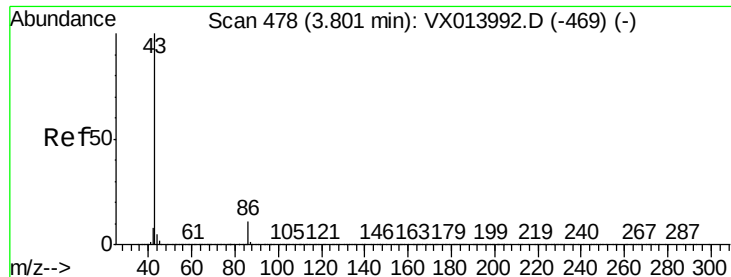
Ion Ratio Lower Upper

83 100

85 61.9 51.6 77.4

127 8.5 6.0 9.0





#42

Vinyl Acetate

Concen: 98.786 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Instrument :

MSVOA_X

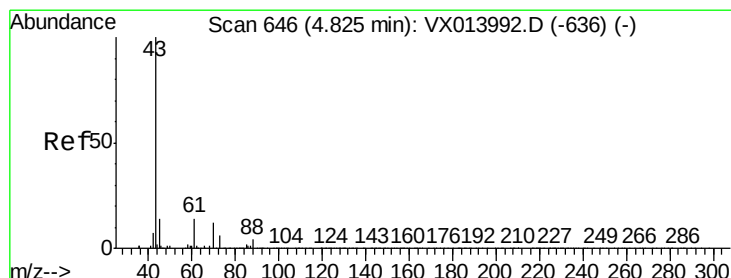
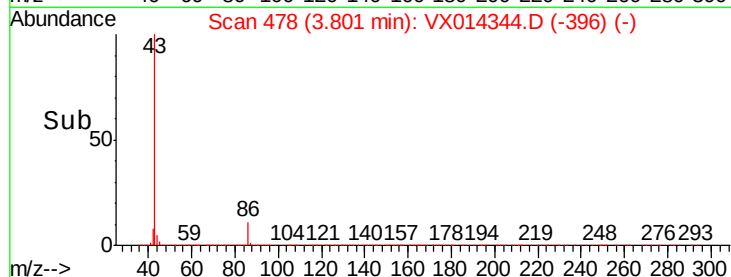
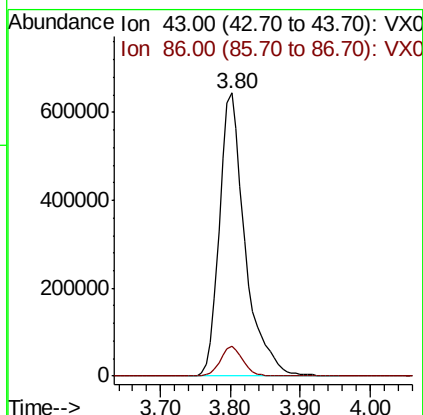
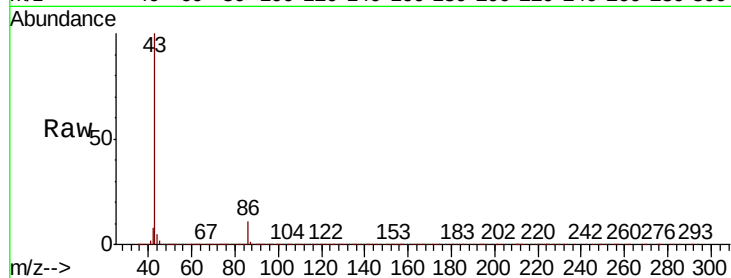
ClientSampleId :

Tot Ion: 43 Resp: 1641442

Ion Ratio Lower Upper

43 100

86 9.2 7.7 11.5



#43

Ethyl Acetate

Concen: 18.820 ug/l

RT: 4.81 min Scan# 644

Delta R.T. -0.01 min

Lab File: VX014344.D

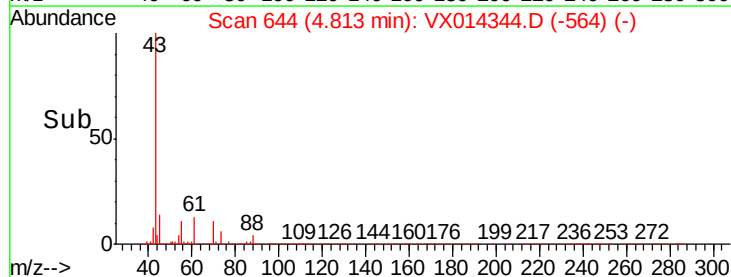
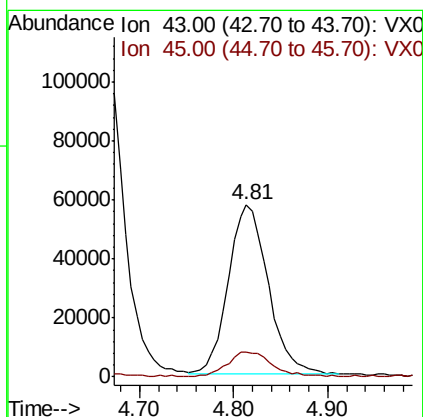
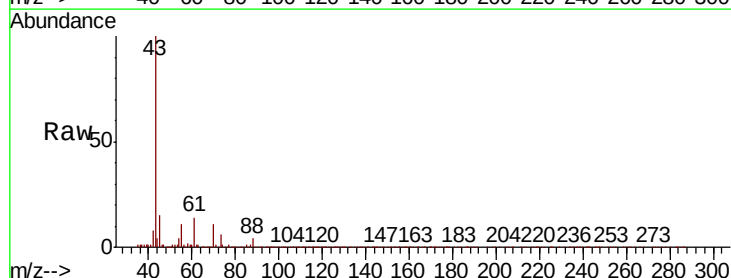
Acq: 30 Dec 2019 10:22

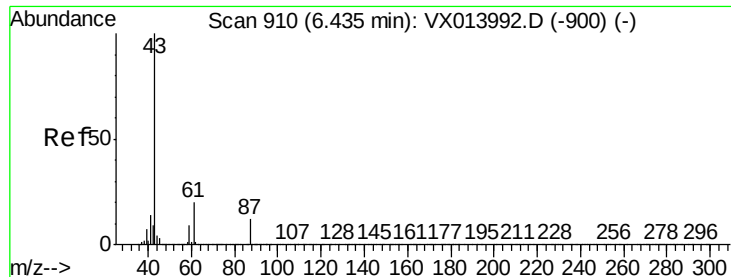
Tgt Ion: 43 Resp: 169959

Ion Ratio Lower Upper

43 100

45 15.3 11.8 17.8





#44

Isopropyl Acetate

Concen: 18.604 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Instrument :

MSVOA_X

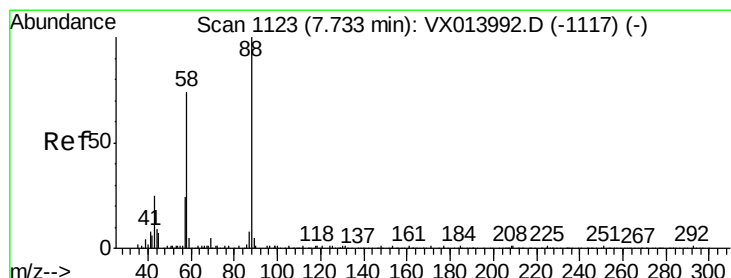
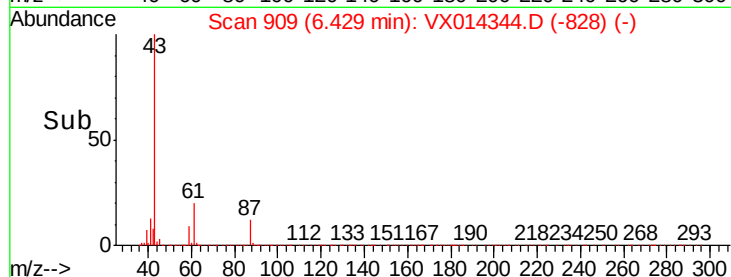
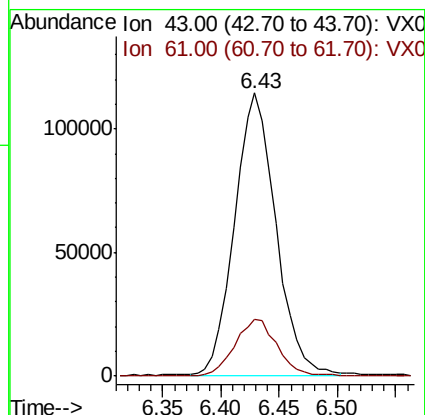
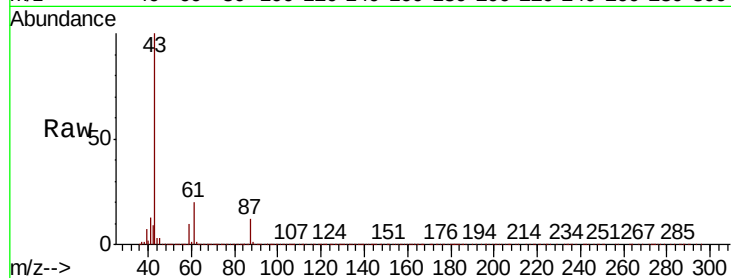
ClientSampleId :

Tot Ion: 43 Resp: 281395

Ion Ratio Lower Upper

43 100

61 20.6 15.9 23.9



#45

1,4-Dioxane

Concen: 389.703 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

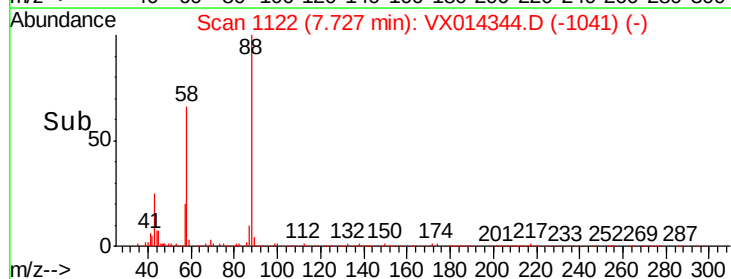
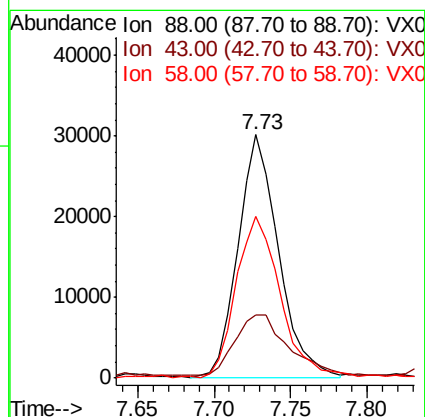
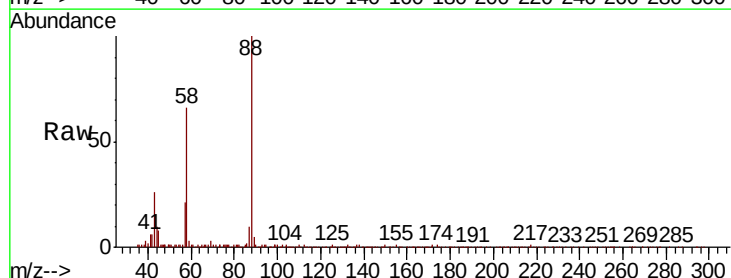
Tgt Ion: 88 Resp: 55198

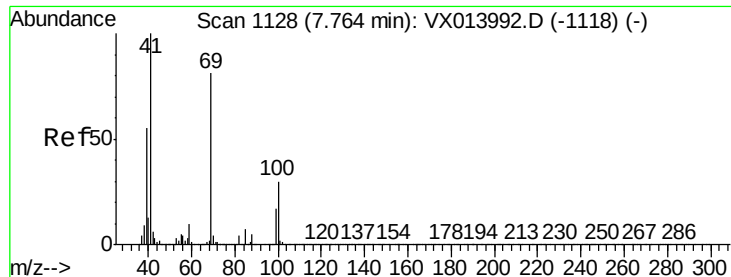
Ion Ratio Lower Upper

88 100

43 32.2 25.4 38.2

58 73.2 56.5 84.7





#46

Methyl methacrylate

Concen: 18.666 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

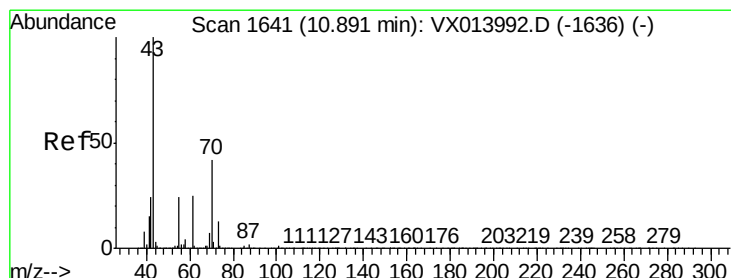
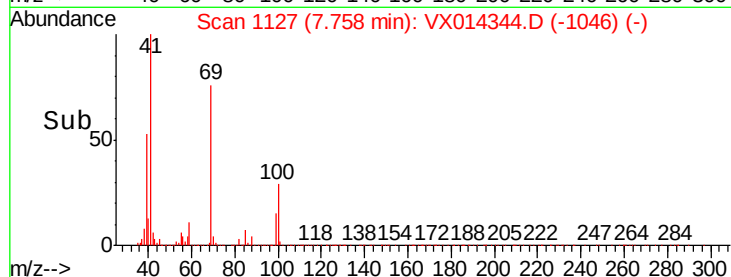
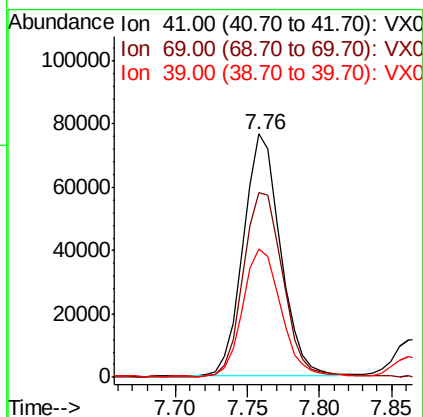
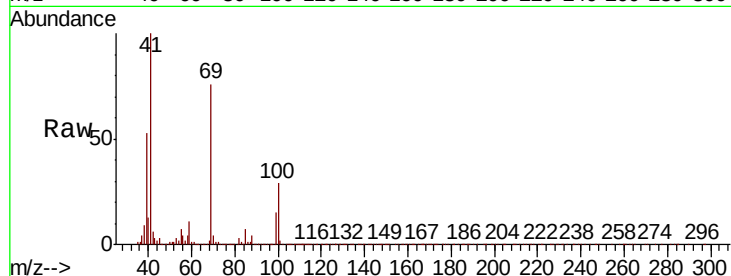
Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 137134

Ion	Ratio	Lower	Upper
41	100		
69	76.1	40.6	122.0
39	52.6	27.8	83.3



#47

n-amyl Acetate

Concen: 17.854 ug/l

RT: 10.89 min Scan# 1641

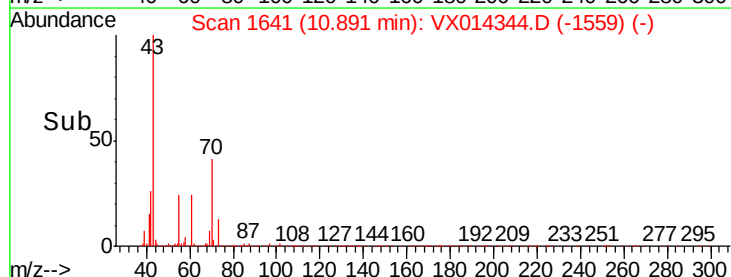
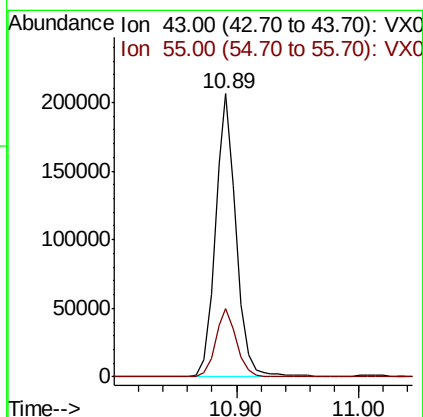
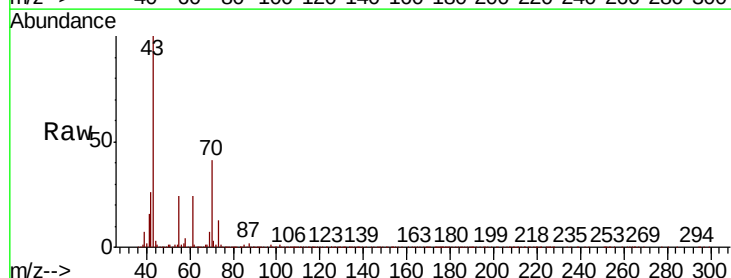
Delta R.T. 0.00 min

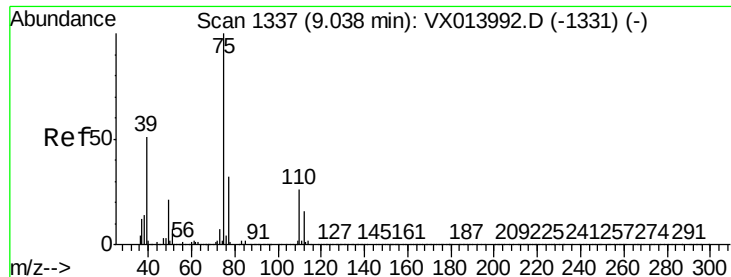
Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Tgt Ion: 43 Resp: 240113

Ion	Ratio	Lower	Upper
43	100		
55	24.3	19.4	29.2

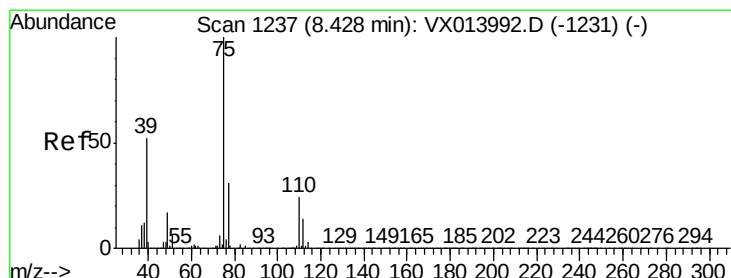
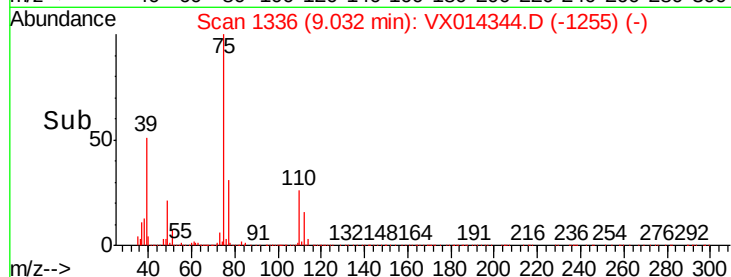
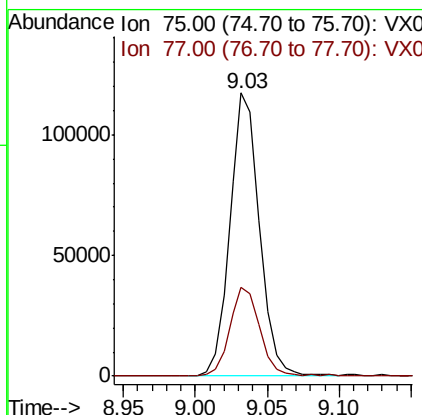
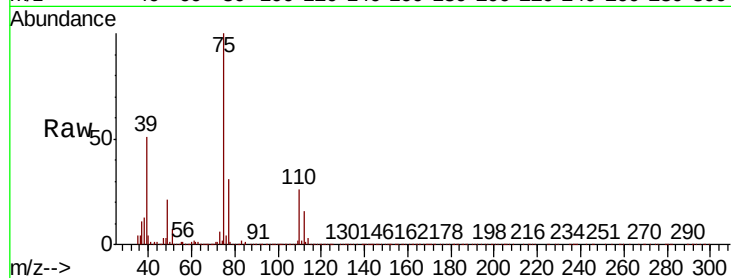




#48
t-1,3-Dichloropropene
Concen: 19.198 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

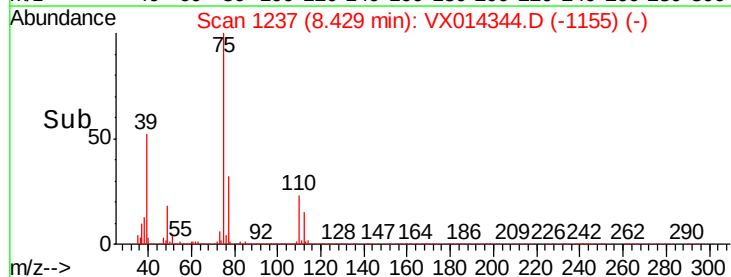
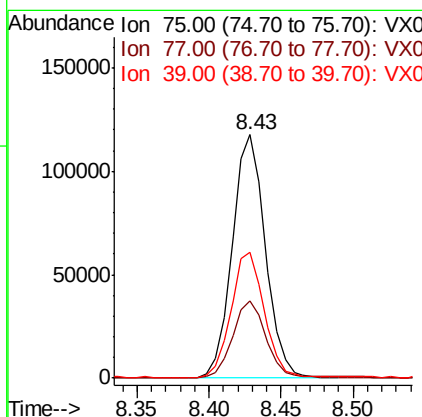
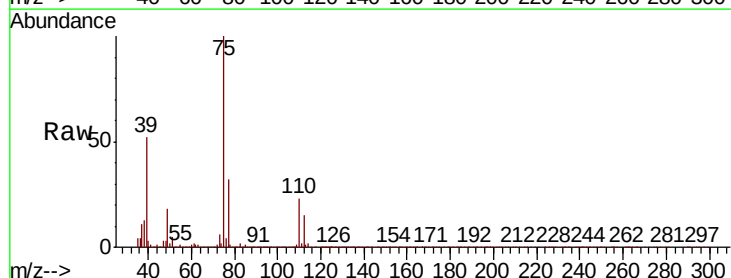
Instrument :
MSVOA_X
ClientSampled :

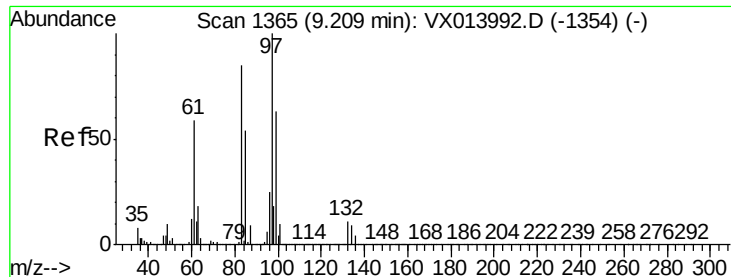
Tot Ion: 75 Resp: 167601
Ion Ratio Lower Upper
75 100
77 31.1 26.0 39.0



#49
cis-1,3-Dichloropropene
Concen: 19.205 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

Tgt Ion: 75 Resp: 188553
Ion Ratio Lower Upper
75 100
77 31.6 24.8 37.2
39 51.8 41.1 61.7





#50

1,1,2-Trichloroethane

Concen: 18.564 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 118350

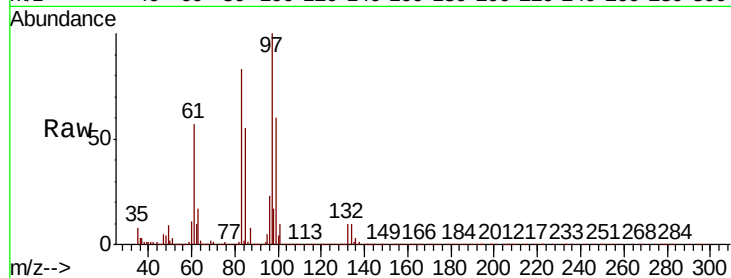
Ion Ratio Lower Upper

97 100

83 82.8 68.1 102.1

85 54.8 42.7 64.1

99 60.3 50.3 75.5

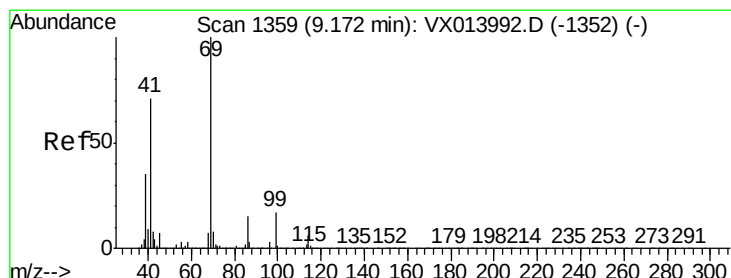
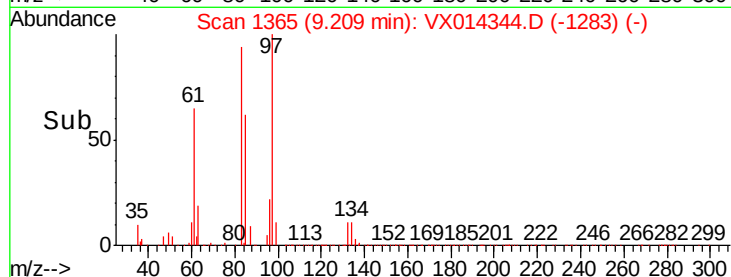
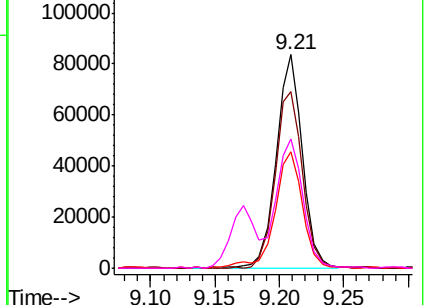


Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 82.95 (82.65 to 83.65): VX0

Ion 84.95 (84.65 to 85.65): VX0

Ion 98.95 (98.65 to 99.65): VX0



#51

Ethyl methacrylate

Concen: 17.724 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

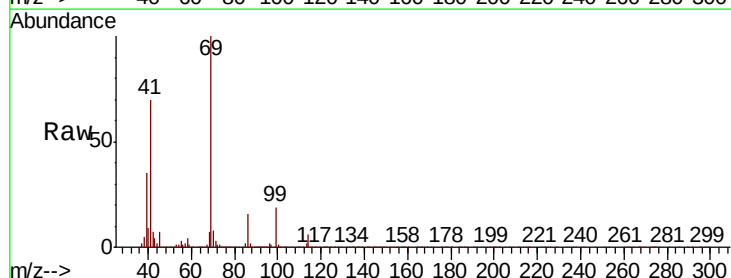
Tgt Ion: 69 Resp: 179733

Ion Ratio Lower Upper

69 100

41 69.6 35.4 106.1

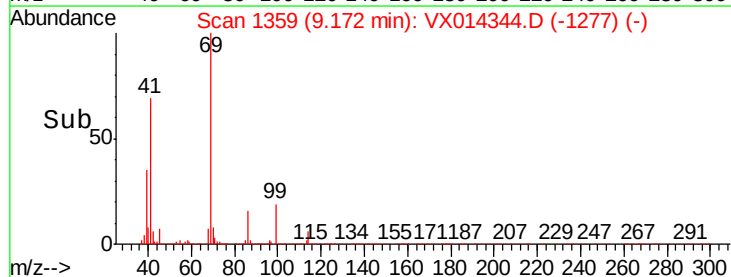
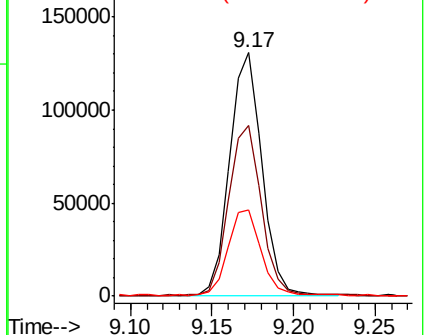
39 34.9 17.8 53.3

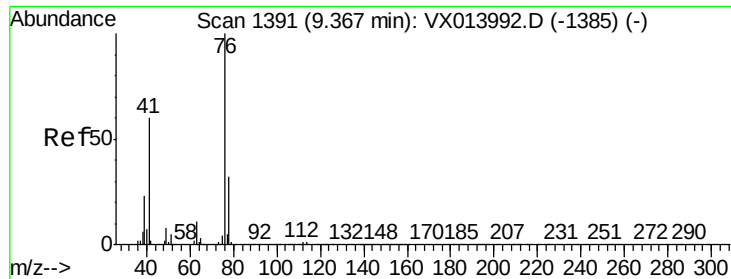


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#52

1,3-Dichloropropane

Concen: 18.614 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Instrument :

MSVOA_X

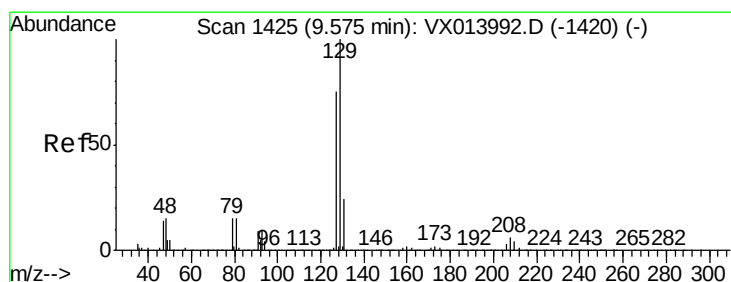
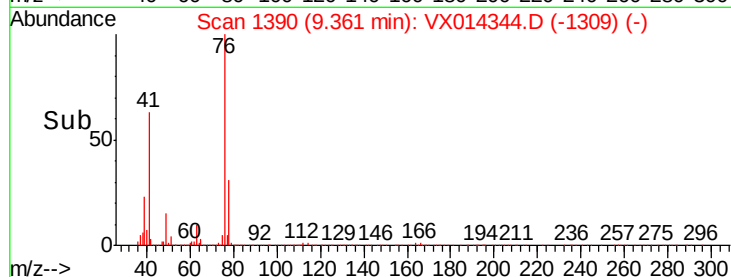
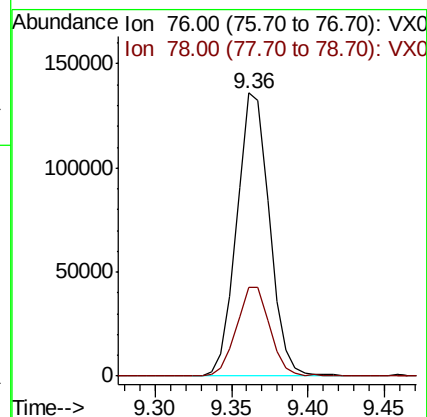
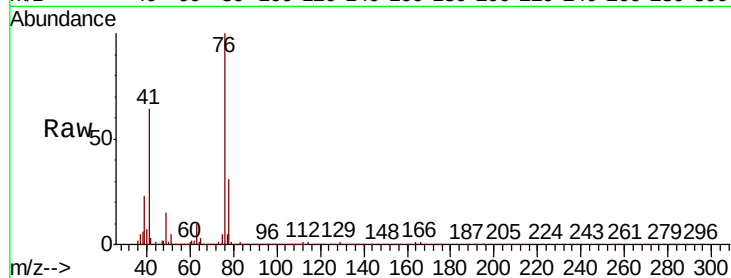
ClientSampleId :

Tot Ion: 76 Resp: 201616

Ion Ratio Lower Upper

76 100

78 32.0 0.0 63.4



#53

Dibromochloromethane

Concen: 18.479 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX014344.D

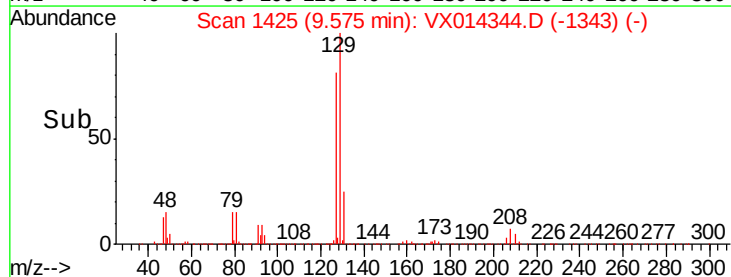
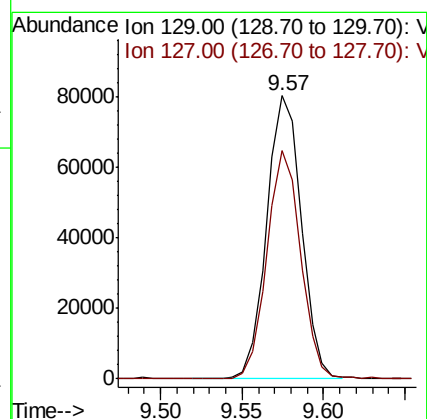
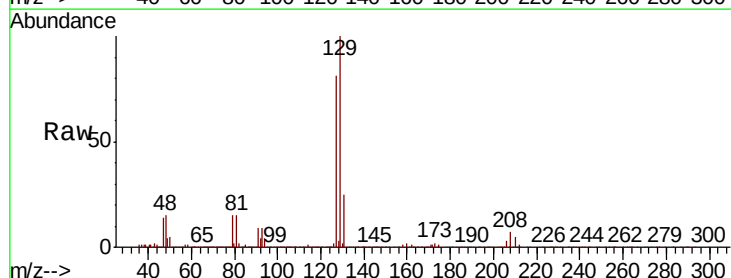
Acq: 30 Dec 2019 10:22

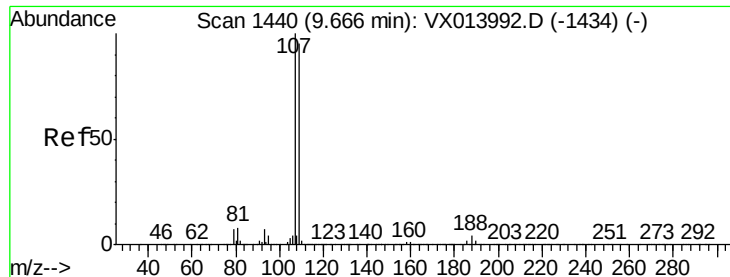
Tgt Ion: 129 Resp: 117800

Ion Ratio Lower Upper

129 100

127 78.4 39.1 117.5





#54

1,2-Dibromoethane

Concen: 18.710 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Instrument :

MSVOA_X

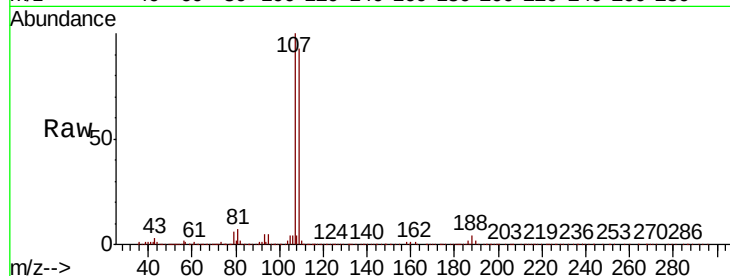
ClientSampled :

Tot Ion:107 Resp: 122815

Ion Ratio Lower Upper

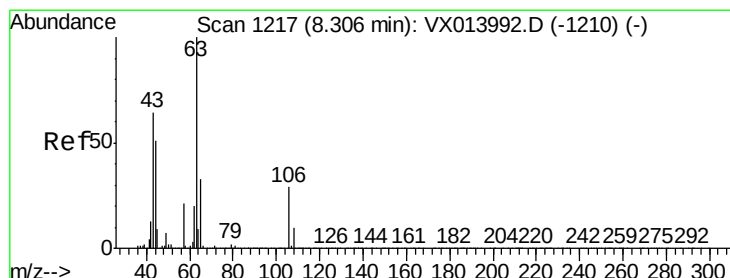
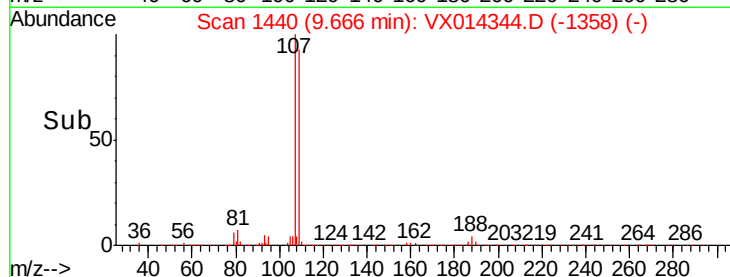
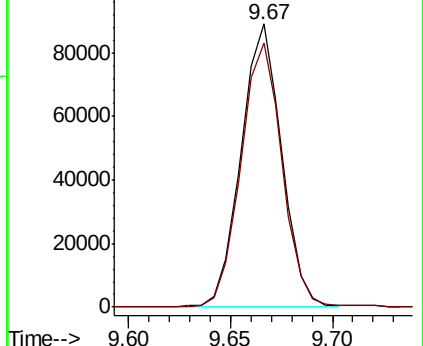
107 100

109 94.5 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: 85.238 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

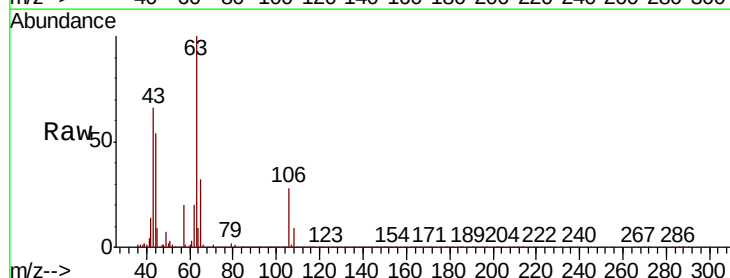
Tgt Ion: 63 Resp: 381034

Ion Ratio Lower Upper

63 100

65 32.0 25.8 38.6

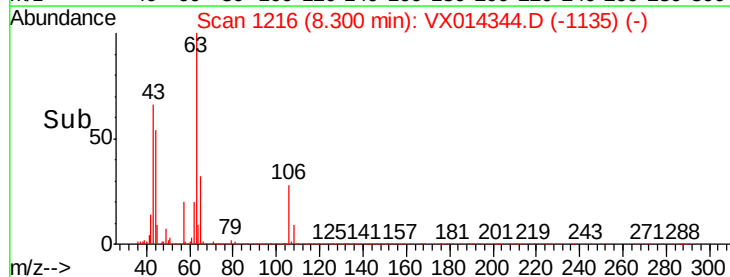
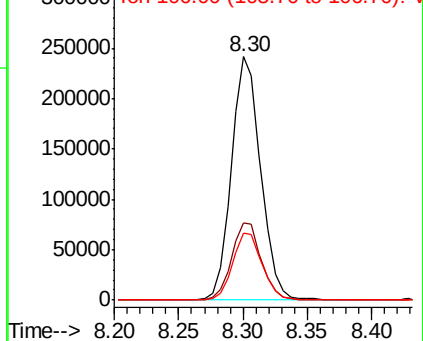
106 27.9 22.9 34.3

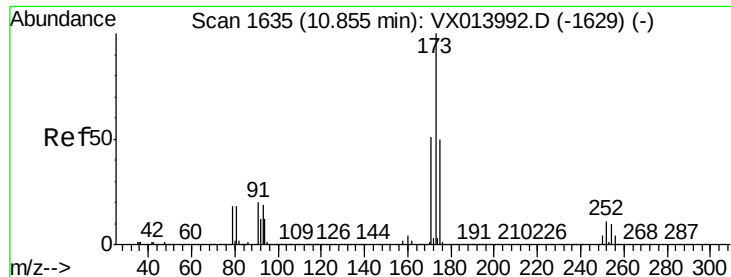


Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0

Ion 106.00 (105.70 to 106.70): V

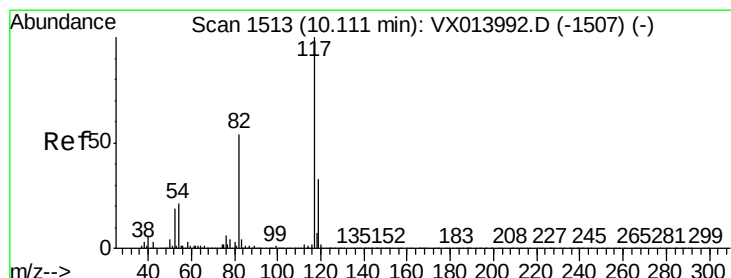
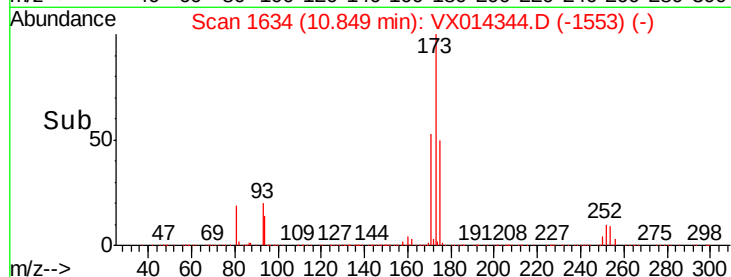
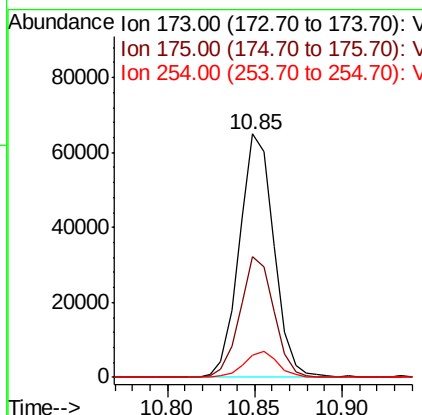
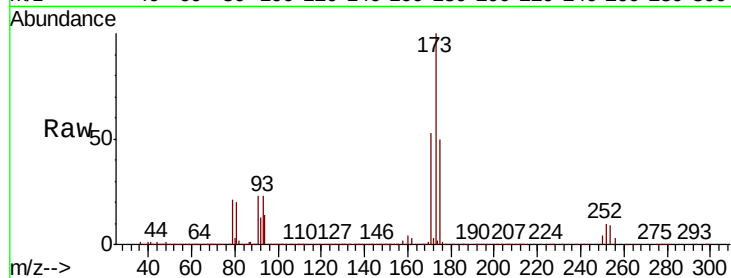




#56
Bromoform
Concen: 17.890 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

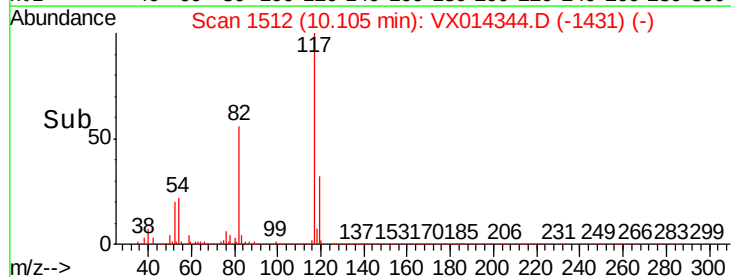
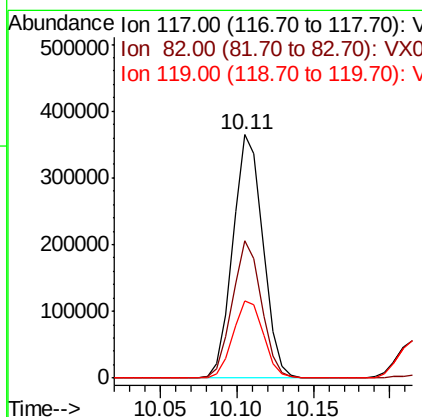
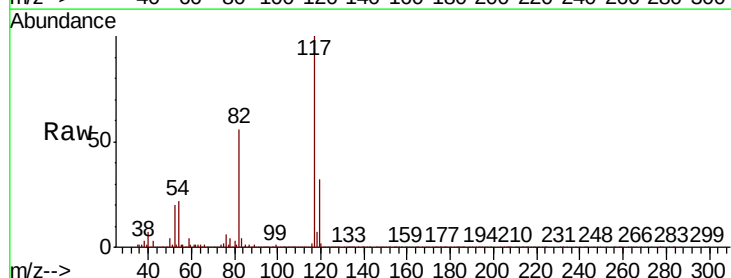
Instrument :
MSVOA_X
ClientSampleId :

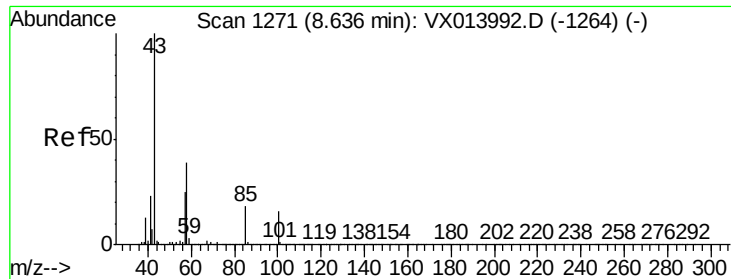
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	39.5	59.3
254	10.5	8.2	12.4



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.9	43.8	65.6
119	32.3	25.8	38.6

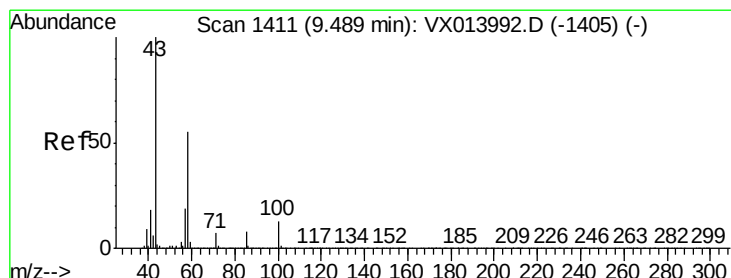
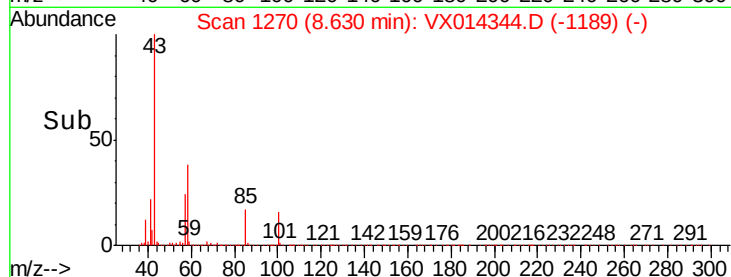
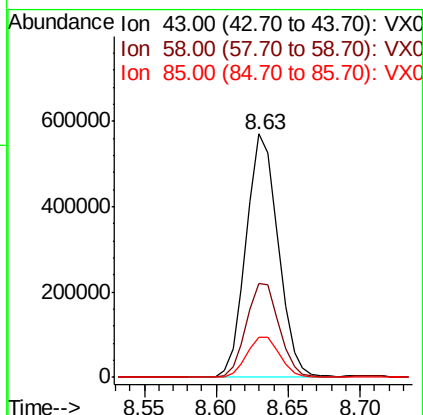
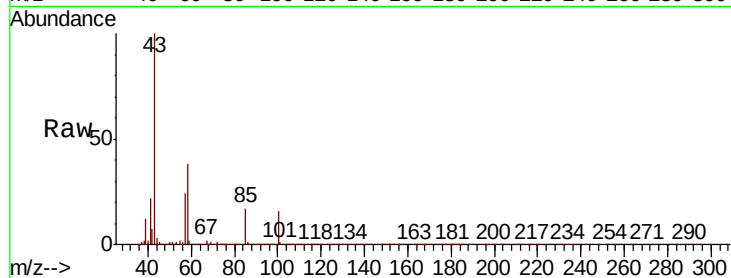




#58
 4-Methyl-2-Pentanone
 Concen: 94.749 ug/l
 RT: 8.63 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: VX014344.D
 Acq: 30 Dec 2019 10:22

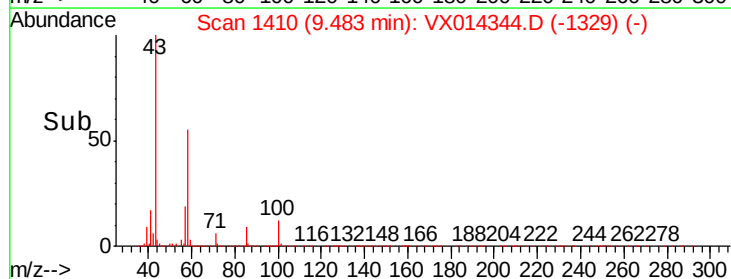
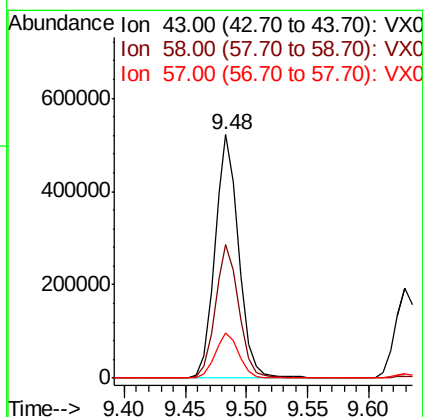
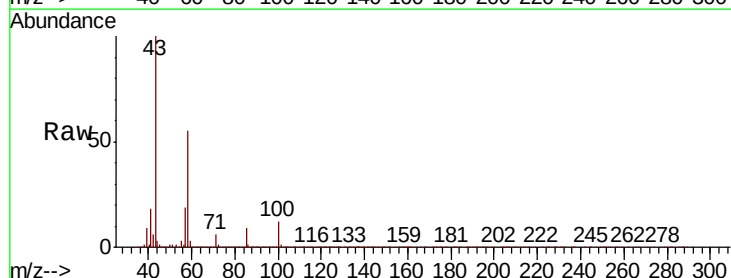
Instrument :
 MSVOA_X
 ClientSampleId :

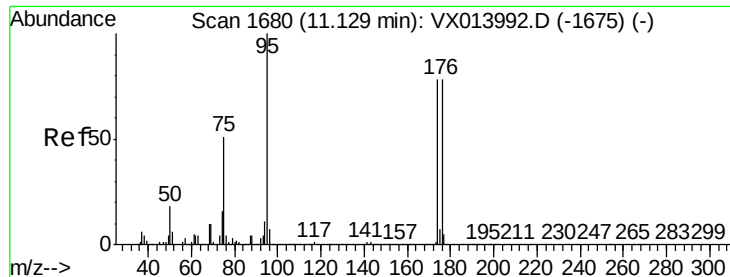
Tot Ion:	43	Resp:	878511
Ion	Ratio	Lower	Upper
43	100		
58	39.4	31.2	46.8
85	17.0	14.2	21.2



#59
 2-Hexanone
 Concen: 99.621 ug/l
 RT: 9.48 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX014344.D
 Acq: 30 Dec 2019 10:22

Tgt Ion:	43	Resp:	700983
Ion	Ratio	Lower	Upper
43	100		
58	54.2	43.8	65.6
57	18.9	15.4	23.0

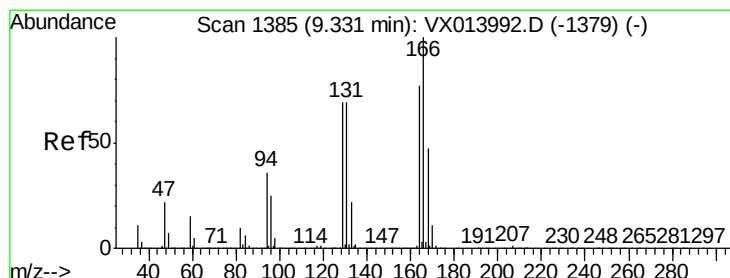
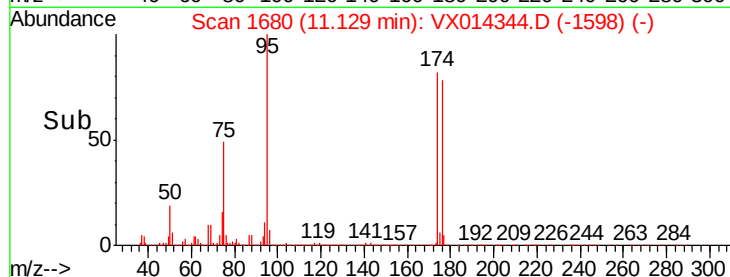
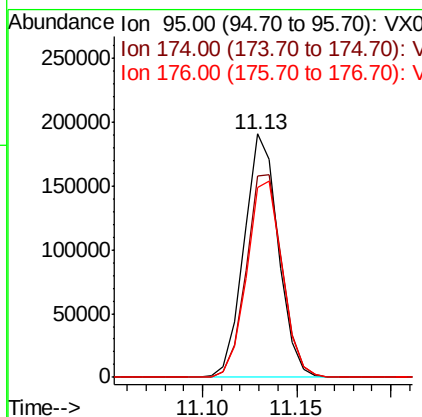
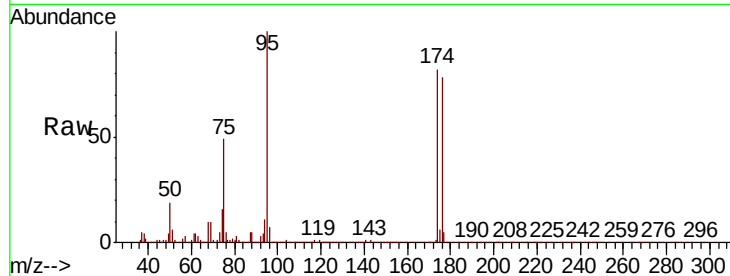




#60
4-Bromofluorobenzene
Concen: 29.954 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

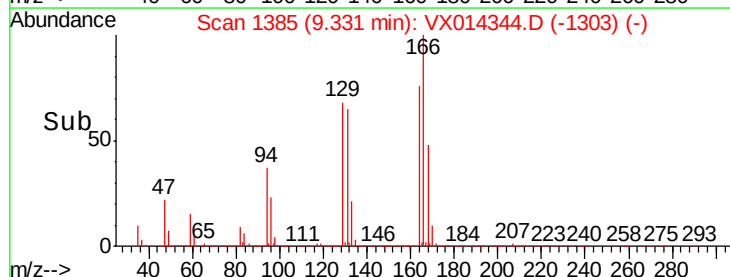
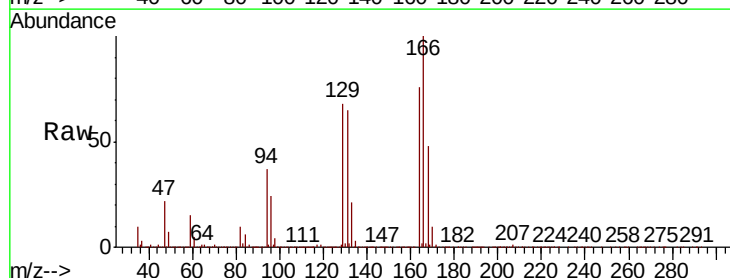
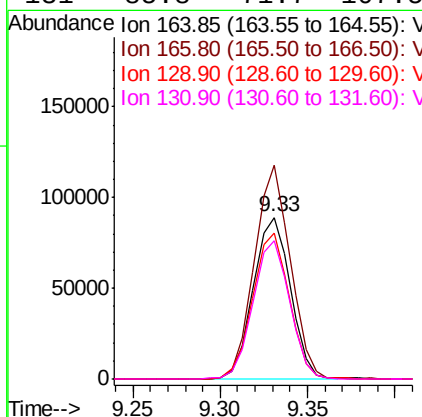
Instrument :
MSVOA_X
ClientSampleId :

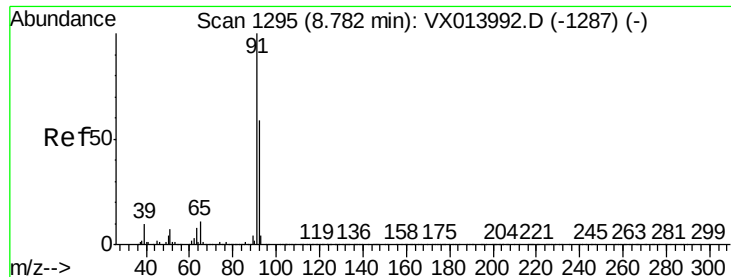
Tot Ion	Ratio	Lower	Upper
95	100		
174	87.4	70.2	105.2
176	83.6	68.3	102.5



#61
Tetrachloroethene
Concen: 20.049 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.2	104.2	156.2
129	90.0	71.6	107.4
131	85.8	71.7	107.5





#62

Toluene

Concen: 19.171 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

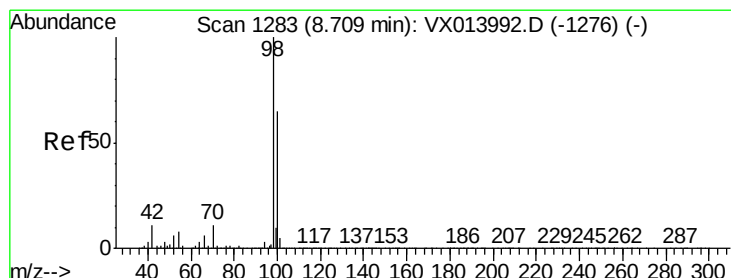
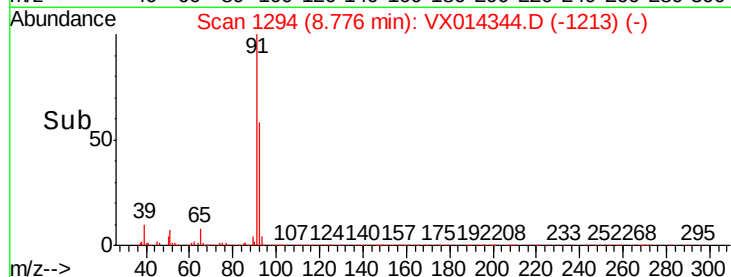
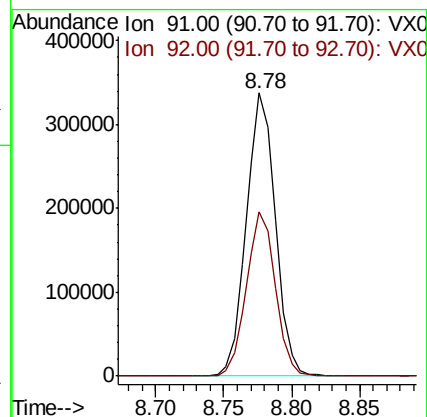
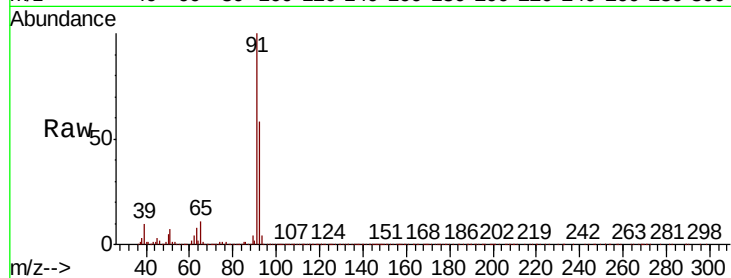
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 91 Resp: 505267

Ion Ratio Lower Upper

91 100

92 57.6 46.4 69.6



#63

Toluene-d8

Concen: 30.568 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014344.D

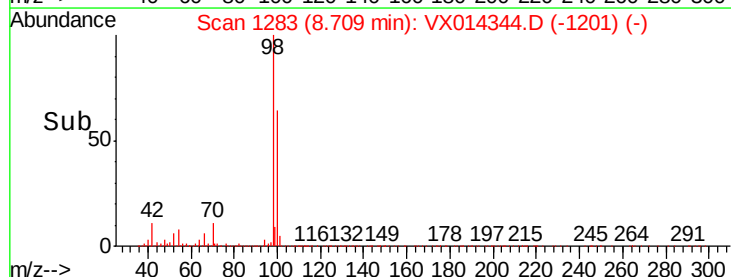
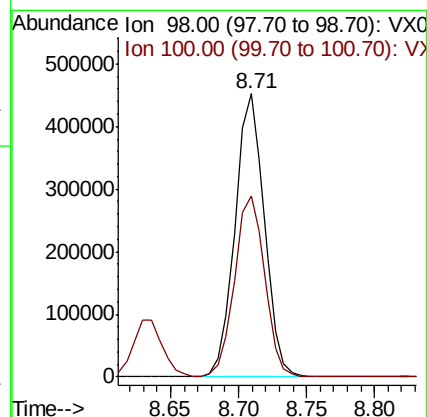
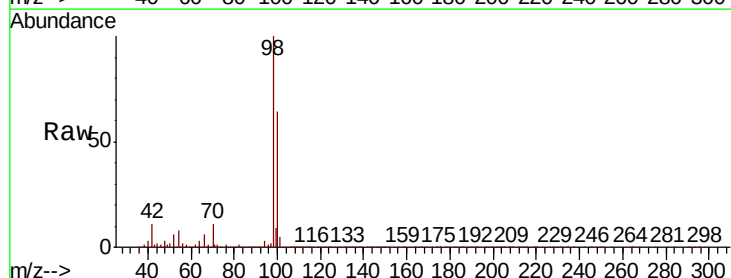
Acq: 30 Dec 2019 10:22

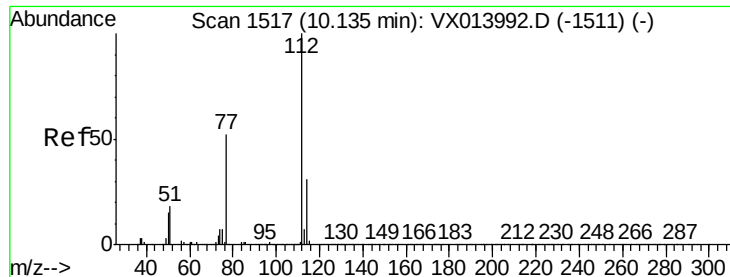
Tgt Ion: 98 Resp: 677100

Ion Ratio Lower Upper

98 100

100 65.6 52.2 78.2

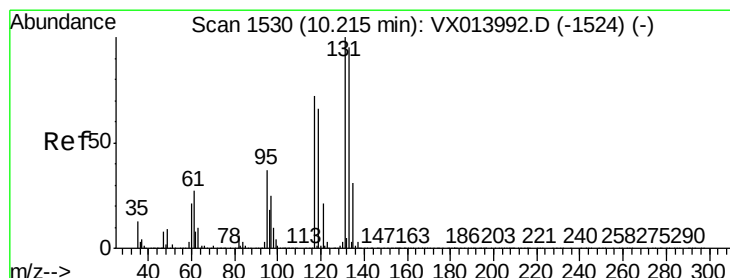
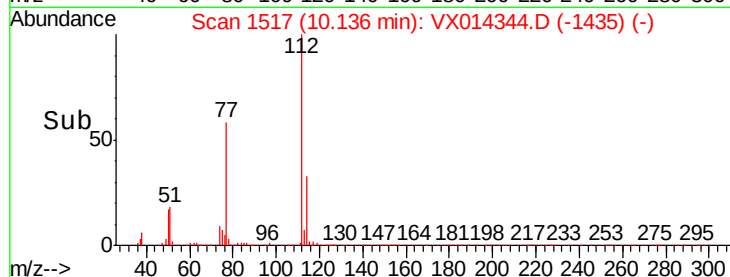
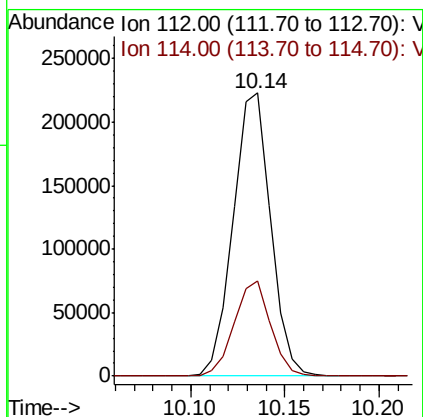
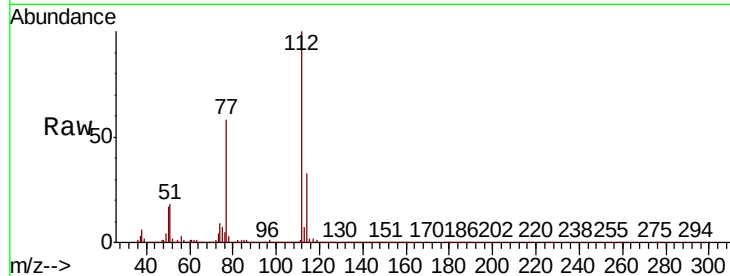




#64
Chlorobenzene
Concen: 18.682 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

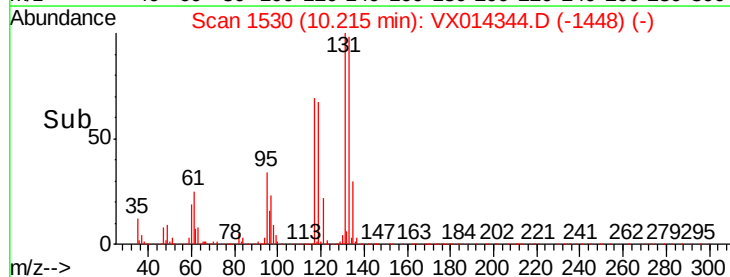
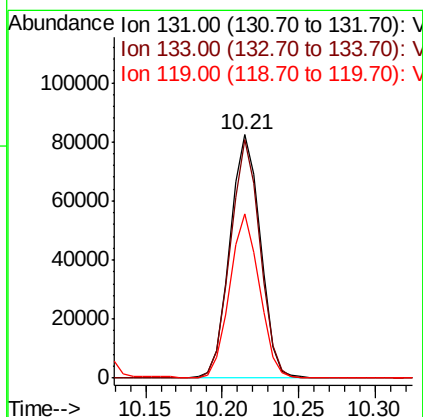
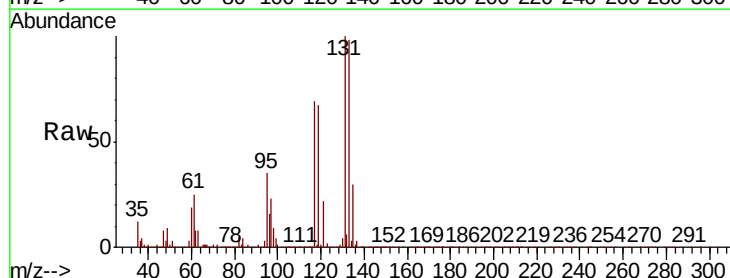
Instrument :
MSVOA_X
ClientSampled :

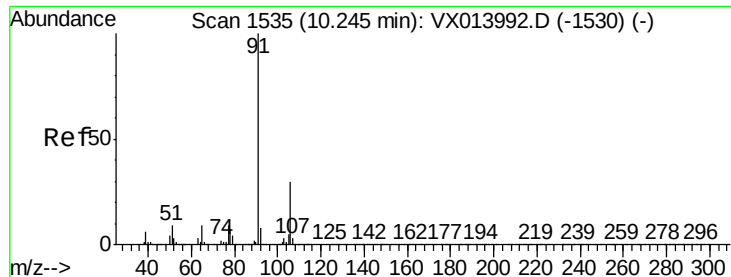
Tot Ion:112 Resp: 308482
Ion Ratio Lower Upper
112 100
114 33.3 24.4 36.6



#65
1,1,1,2-Tetrachloroethane
Concen: 18.618 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

Tgt Ion:131 Resp: 113837
Ion Ratio Lower Upper
131 100
133 95.7 0.0 189.8
119 66.1 0.0 132.2





#66

Ethyl Benzene

Concen: 19.158 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Instrument :

MSVOA_X

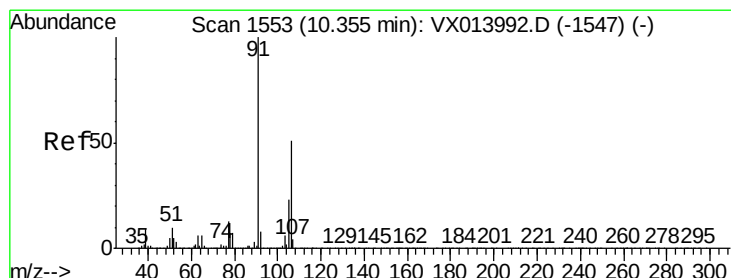
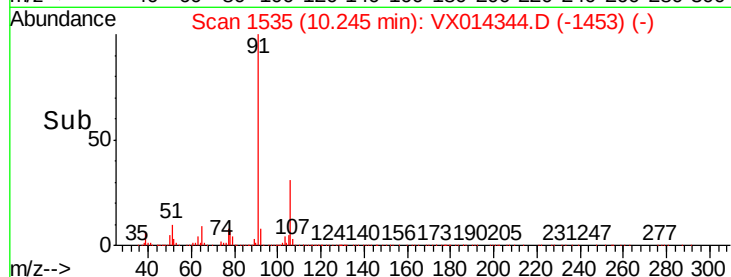
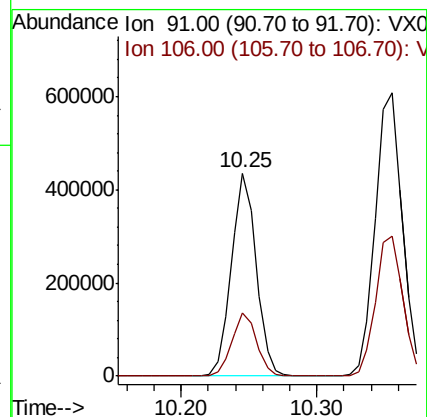
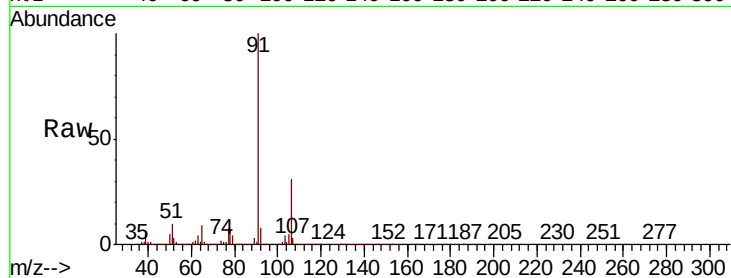
ClientSampleId :

Tot Ion: 91 Resp: 552574

Ion Ratio Lower Upper

91 100

106 31.2 24.2 36.2



#67

m/p-Xylenes

Concen: 37.908 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014344.D

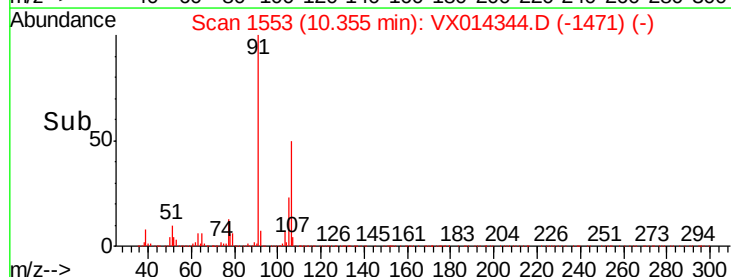
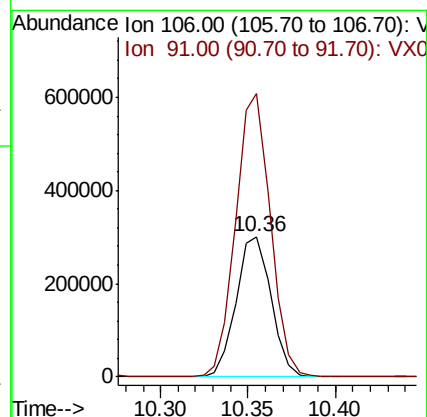
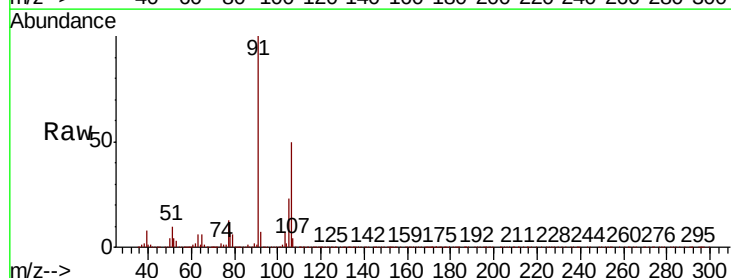
Acq: 30 Dec 2019 10:22

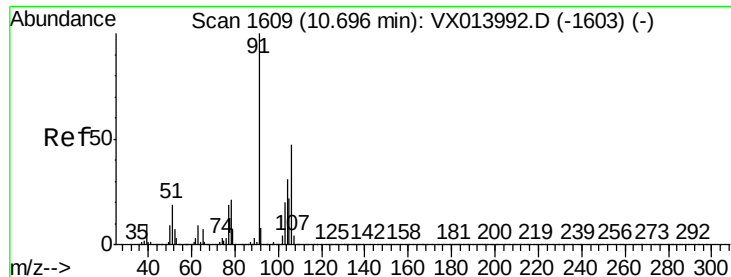
Tgt Ion: 106 Resp: 417965

Ion Ratio Lower Upper

106 100

91 200.3 159.3 238.9

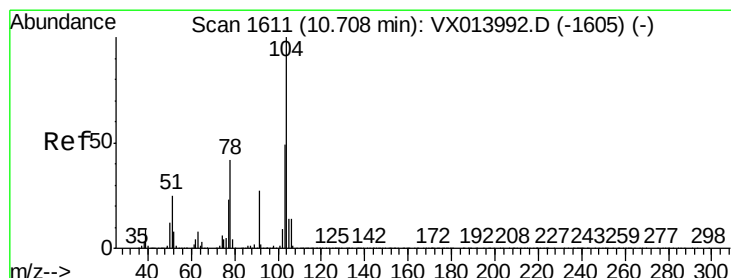
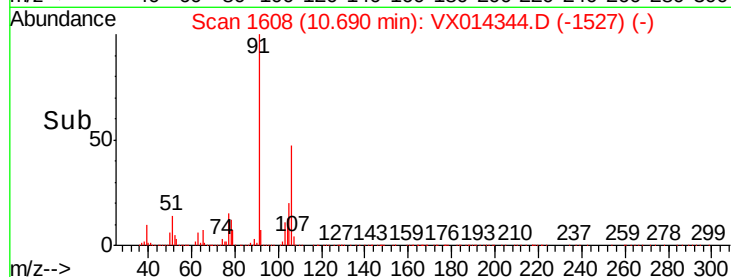
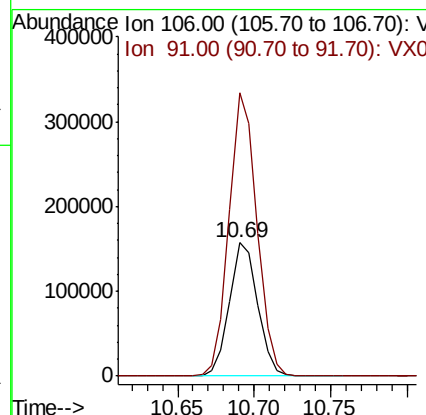
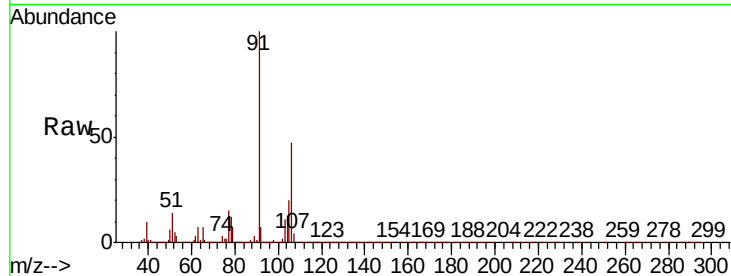




#68
o-Xylene
Concen: 18.371 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

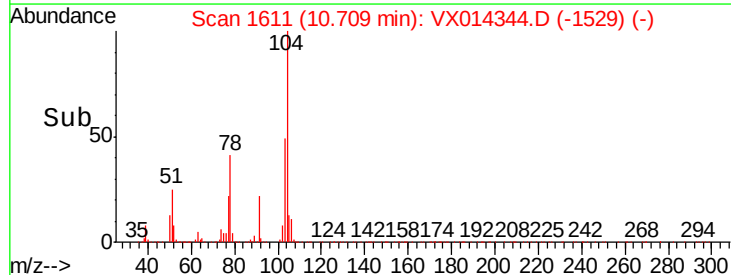
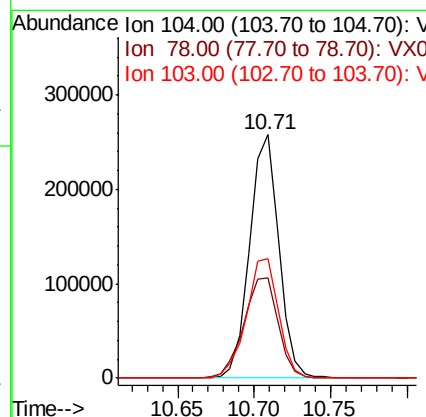
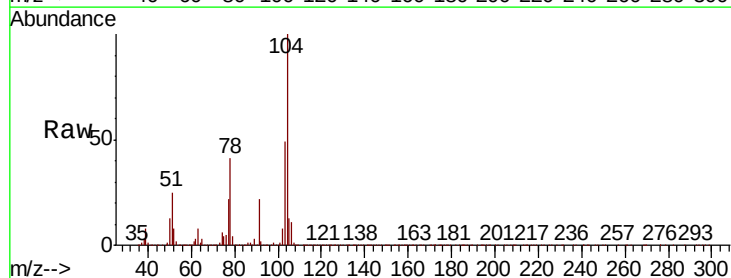
Instrument :
MSVOA_X
ClientSampleId :

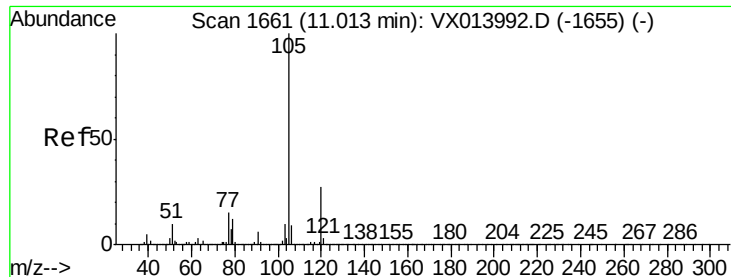
Tot Ion:106 Resp: 200662
Ion Ratio Lower Upper
106 100
91 209.7 104.8 314.6



#69
Styrene
Concen: 18.402 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

Tgt Ion:104 Resp: 341817
Ion Ratio Lower Upper
104 100
78 48.3 38.9 58.3
103 54.4 44.2 66.2

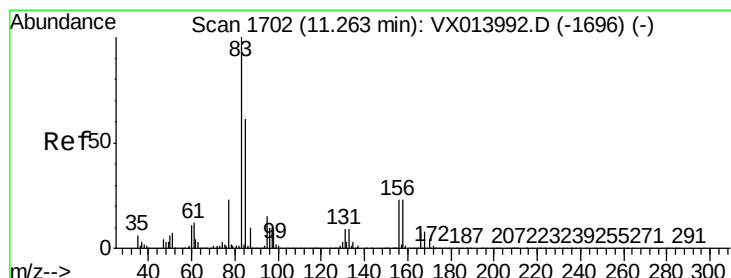
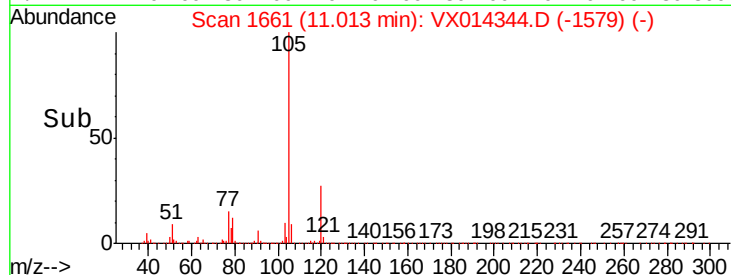
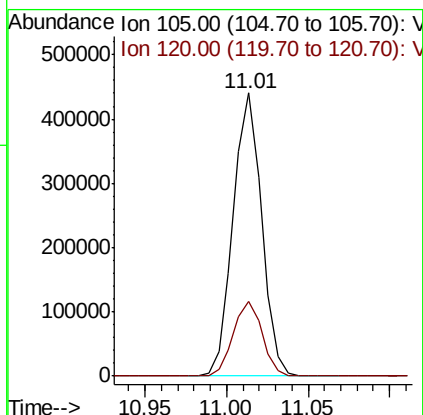
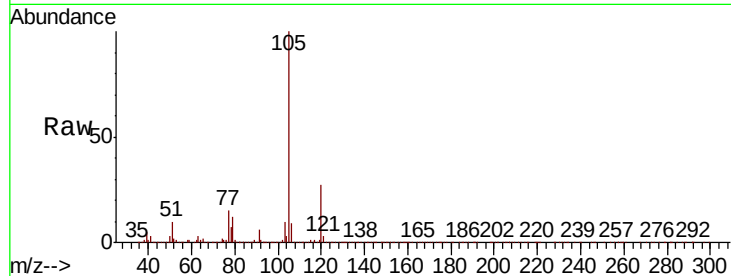




#70
Isopropylbenzene
Concen: 18.944 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

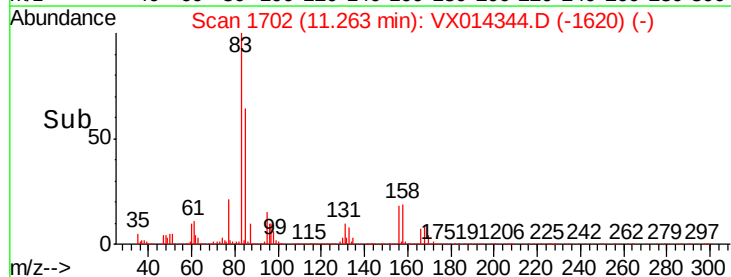
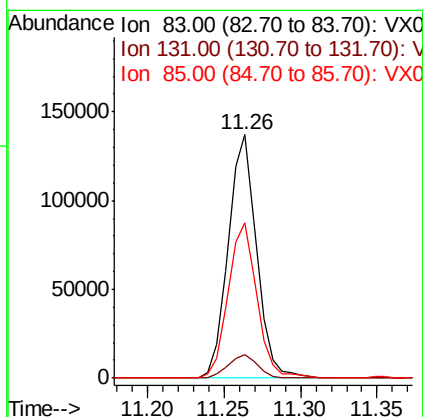
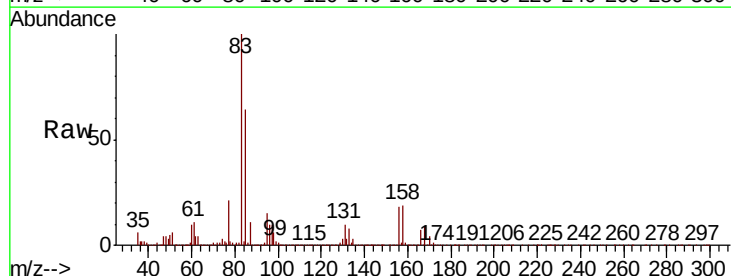
Instrument :
MSVOA_X
ClientSampleId :

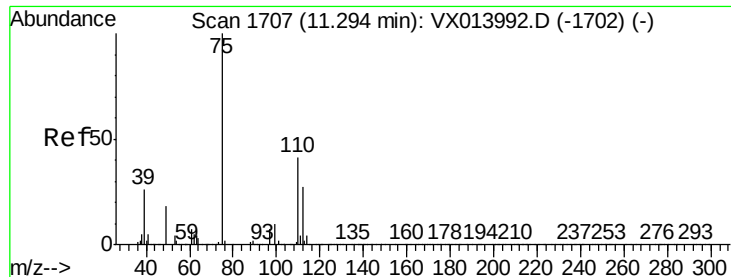
Tot Ion:105 Resp: 534725
Ion Ratio Lower Upper
105 100
120 26.8 19.1 35.5



#71
1,1,2,2-Tetrachloroethane
Concen: 17.627 ug/l
RT: 11.26 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

Tgt Ion: 83 Resp: 176451
Ion Ratio Lower Upper
83 100
131 10.0 4.9 14.7
85 64.0 31.6 94.7





#72

1,2,3-Trichloropropane

Concen: 23.085 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Instrument :

MSVOA_X

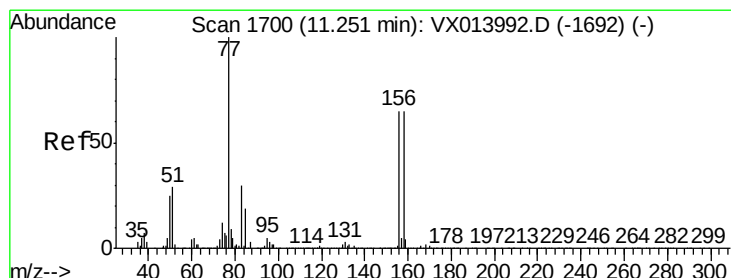
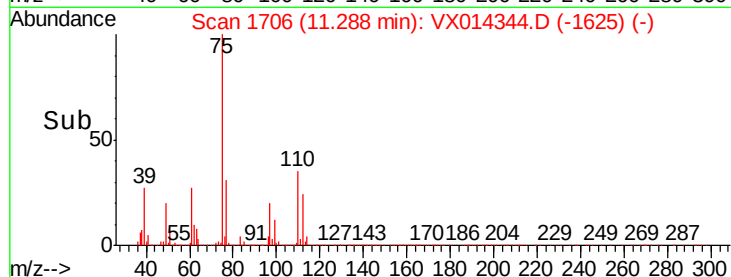
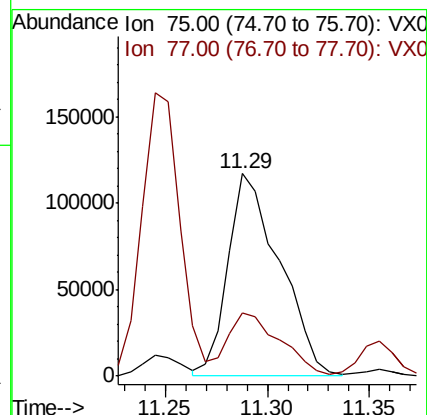
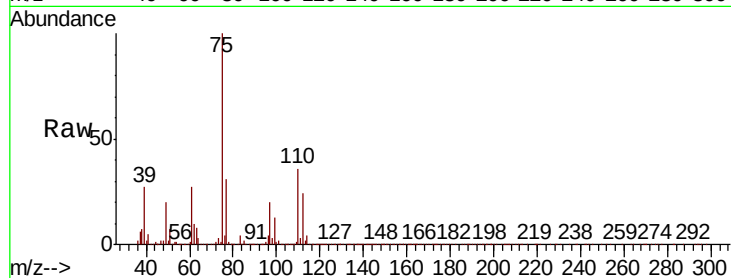
ClientSampleId :

Tot Ion: 75 Resp: 205685

Ion Ratio Lower Upper

75 100

77 29.9 0.0 68.4



#73

Bromobenzene

Concen: 18.251 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

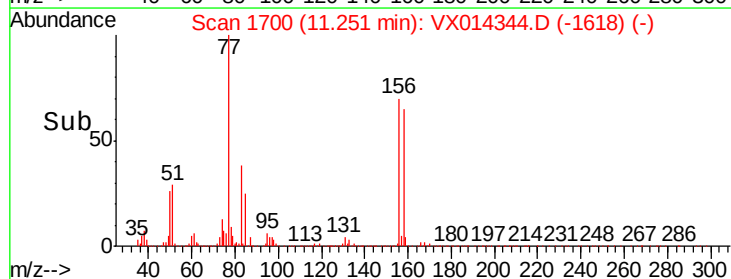
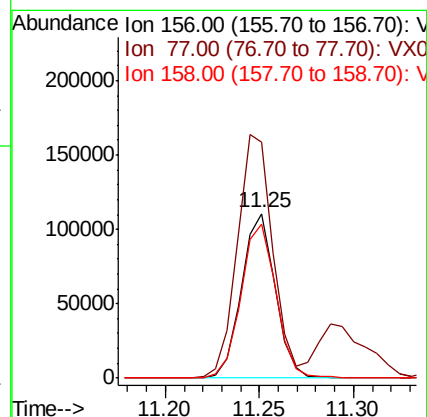
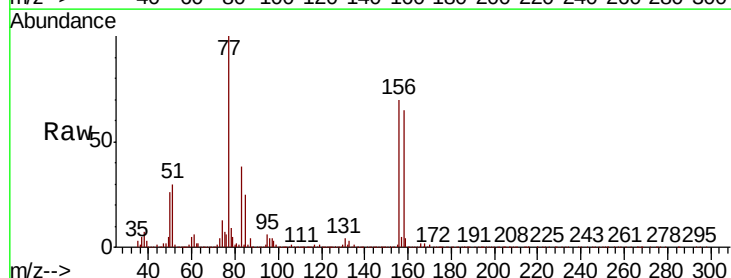
Tgt Ion: 156 Resp: 137521

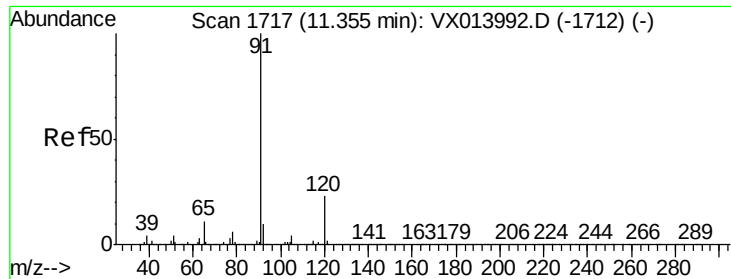
Ion Ratio Lower Upper

156 100

77 154.1 0.0 304.6

158 97.0 0.0 195.2





#74

n-propylbenzene

Concen: 19.394 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Instrument :

MSVOA_X

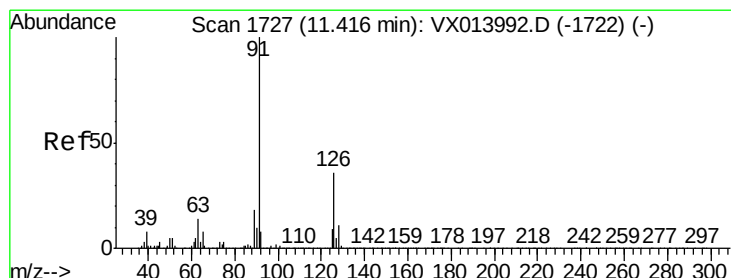
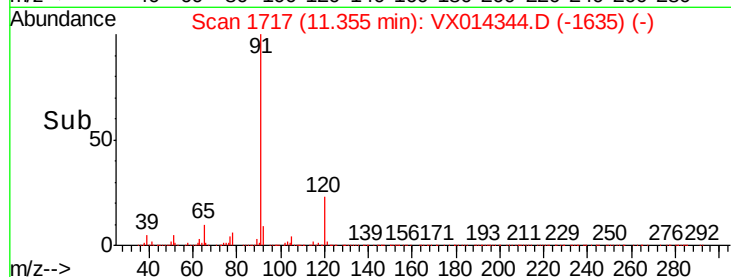
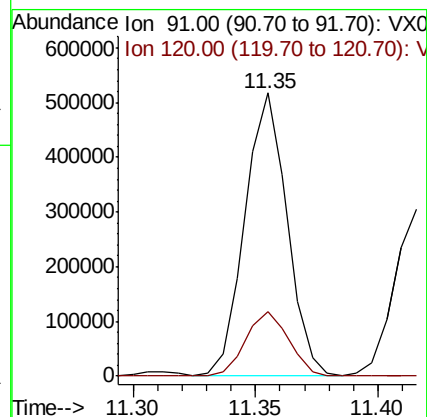
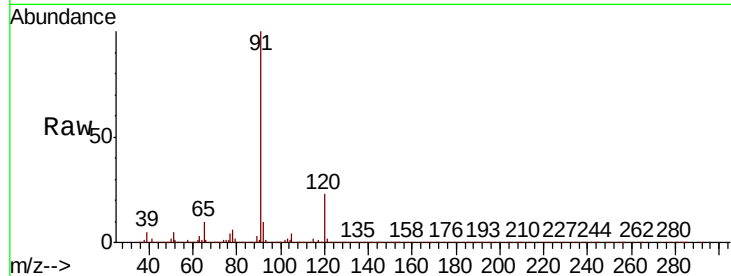
ClientSampled :

Tot Ion: 91 Resp: 620902

Ion Ratio Lower Upper

91 100

120 23.1 0.0 44.8



#75

2-Chlorotoluene

Concen: 19.022 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014344.D

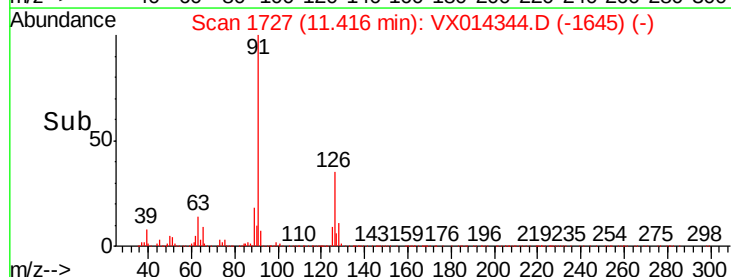
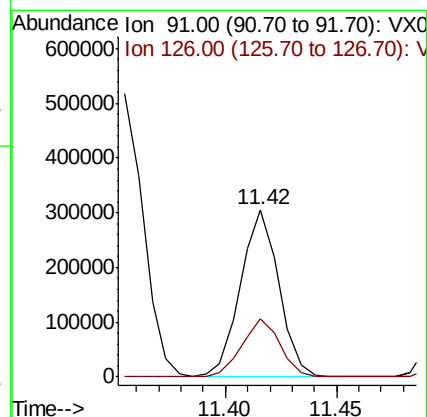
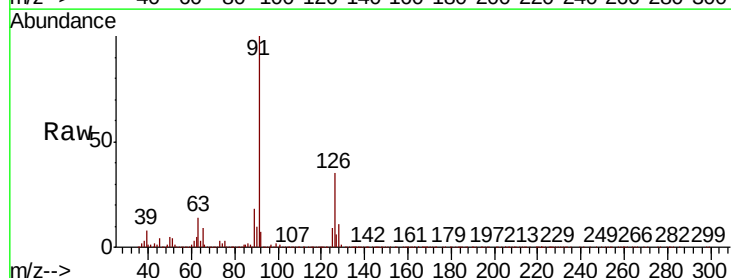
Acq: 30 Dec 2019 10:22

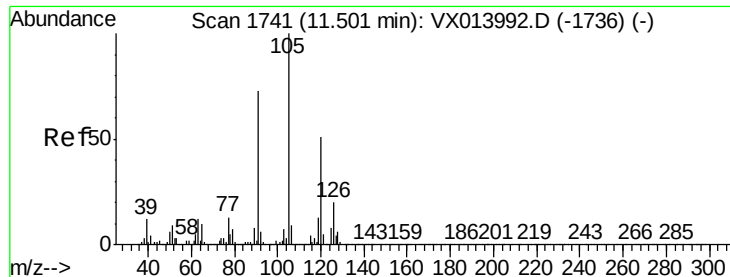
Tgt Ion: 91 Resp: 367977

Ion Ratio Lower Upper

91 100

126 34.2 0.0 70.8

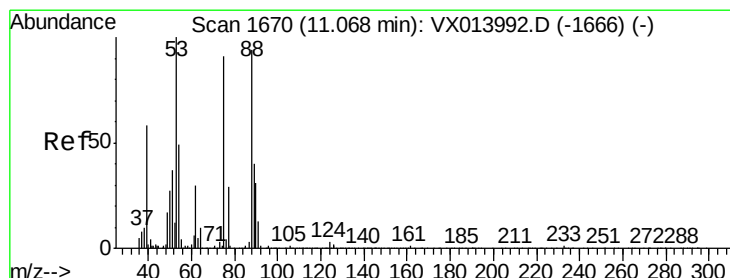
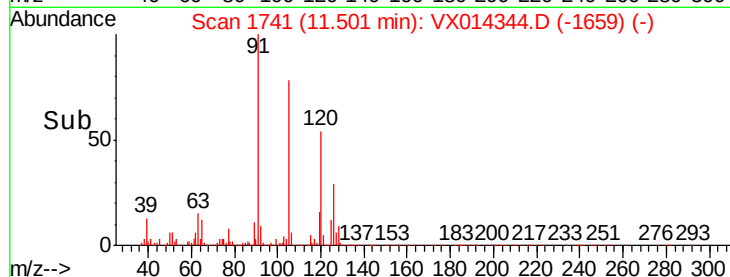
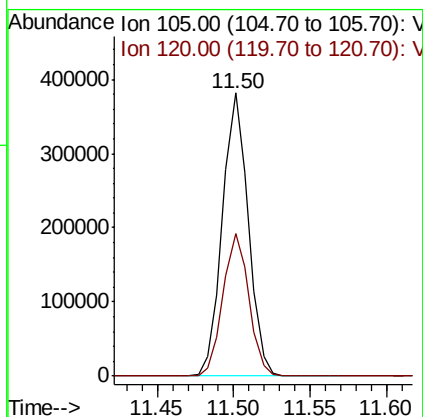
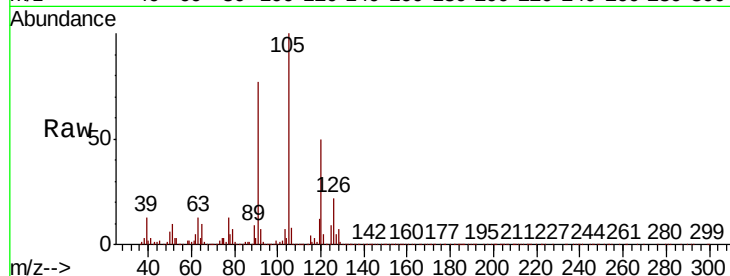




#76
 1,3,5-Trimethylbenzene
 Concen: 18.668 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014344.D
 Acq: 30 Dec 2019 10:22

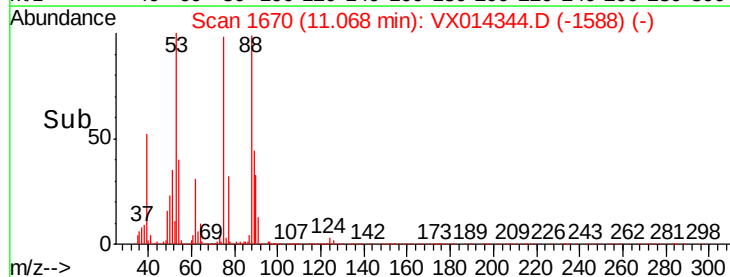
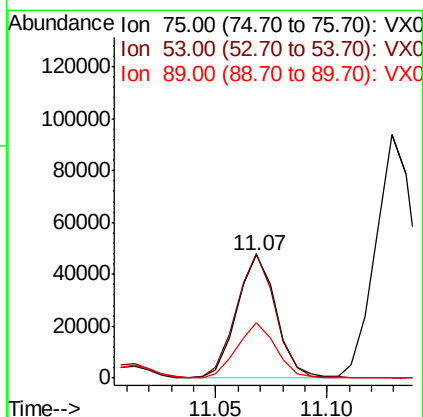
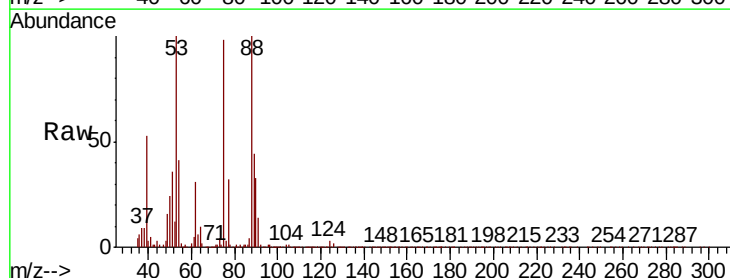
Instrument :
 MSVOA_X
 ClientSampleId :

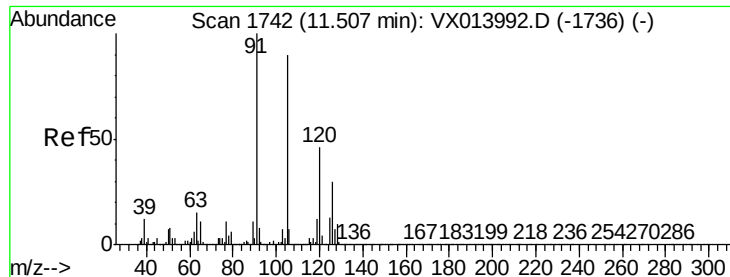
Tot Ion:105 Resp: 446990
 Ion Ratio Lower Upper
 105 100
 120 50.6 0.0 100.6



#77
 t-1,4-Dichloro-2-butene
 Concen: 19.636 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX014344.D
 Acq: 30 Dec 2019 10:22

Tgt Ion: 75 Resp: 57775
 Ion Ratio Lower Upper
 75 100
 53 101.7 54.4 163.1
 89 44.9 21.9 65.5

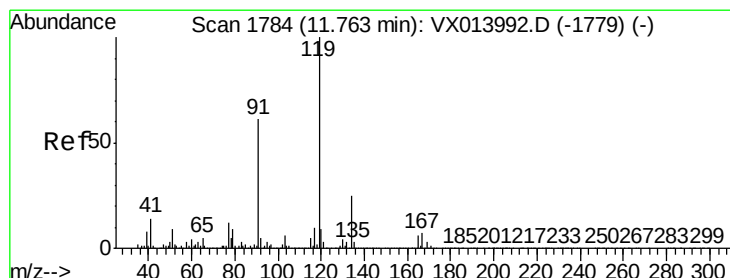
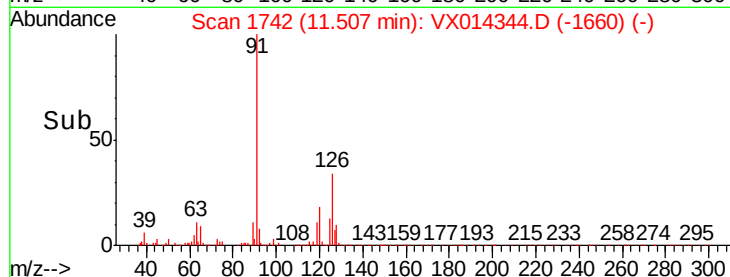
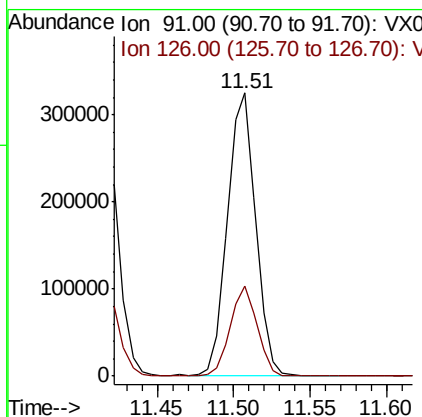
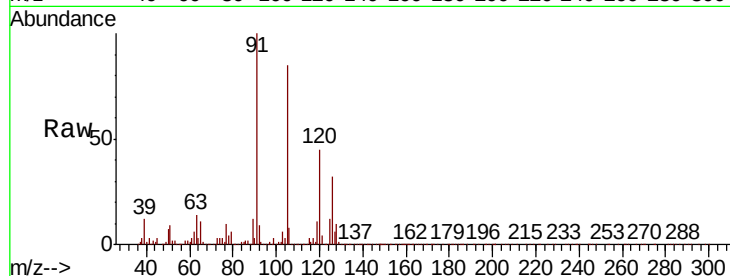




#78
4-Chlorotoluene
Concen: 18.791 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

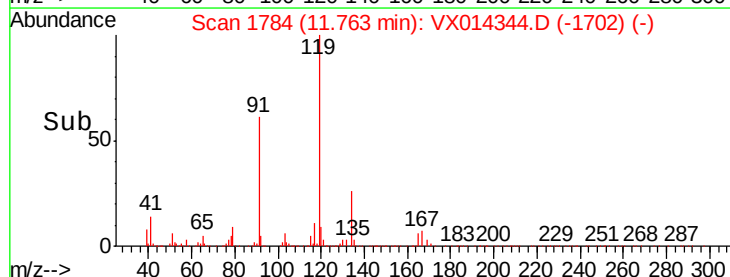
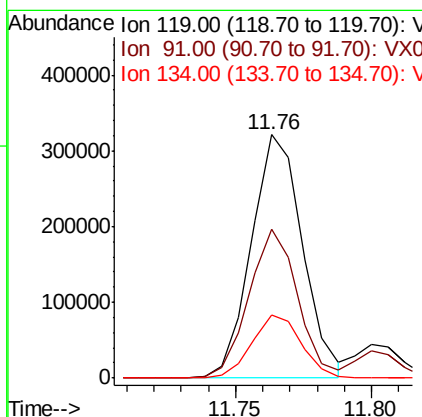
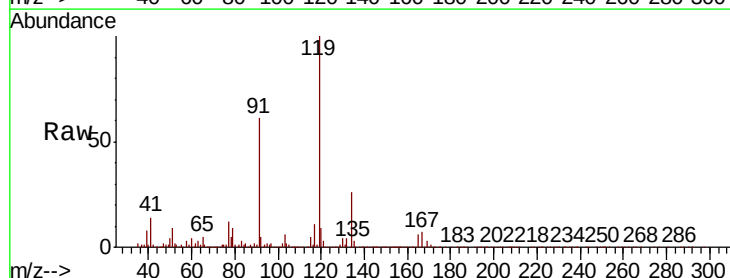
Instrument :
MSVOA_X
ClientSampleId :

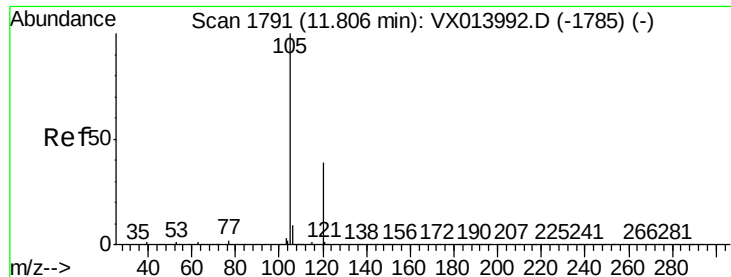
Tot Ion: 91 Resp: 415370
Ion Ratio Lower Upper
91 100
126 30.2 0.0 59.6



#79
tert-butylbenzene
Concen: 18.181 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

Tgt Ion: 119 Resp: 419618
Ion Ratio Lower Upper
119 100
91 58.3 0.0 112.6
134 24.9 0.0 49.8

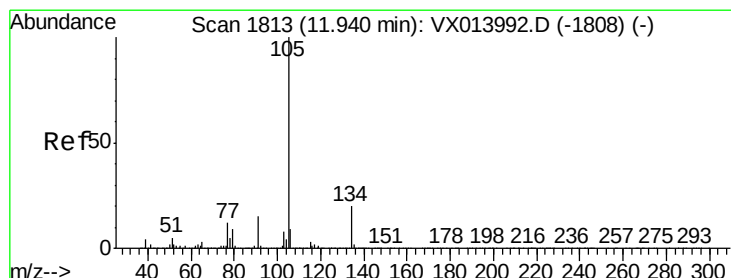
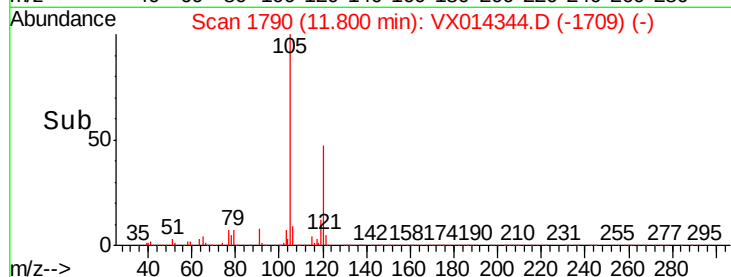
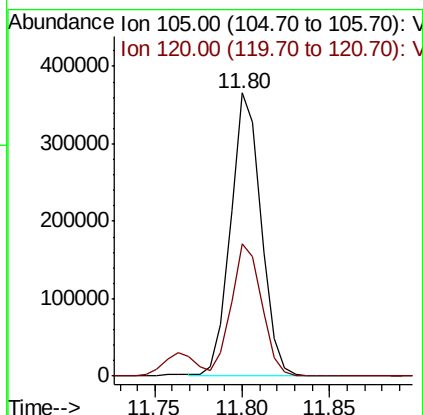
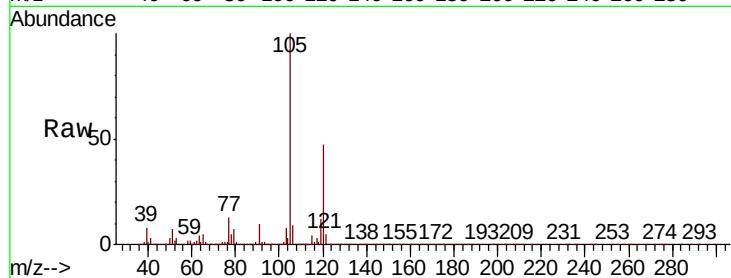




#80
 1,2,4-Trimethylbenzene
 Concen: 18.467 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX014344.D
 Acq: 30 Dec 2019 10:22

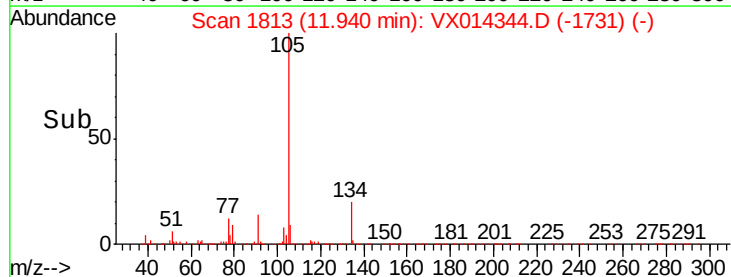
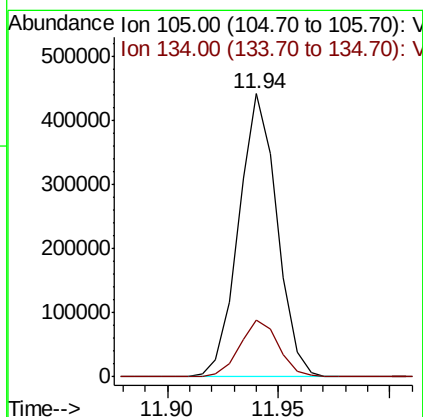
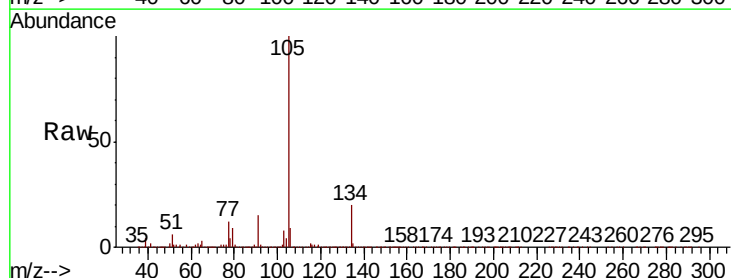
Instrument :
 MSVOA_X
 ClientSampleId :

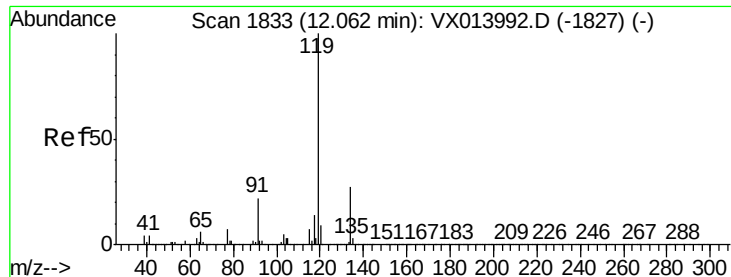
Tot Ion:105 Resp: 442160
 Ion Ratio Lower Upper
 105 100
 120 46.6 0.0 92.0



#81
 sec-Butylbenzene
 Concen: 19.257 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014344.D
 Acq: 30 Dec 2019 10:22

Tgt Ion:105 Resp: 528638
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 40.2

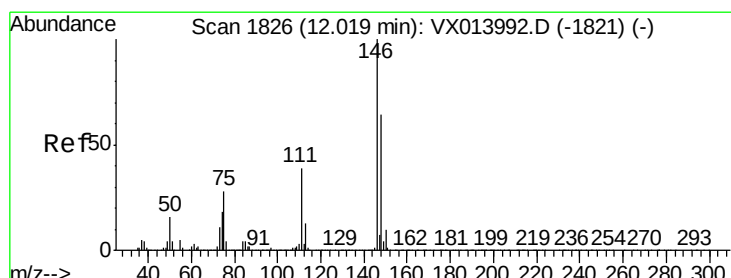
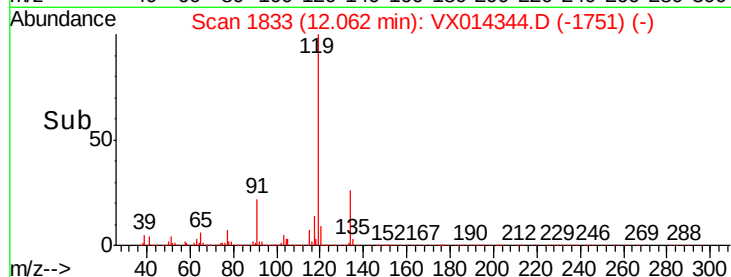
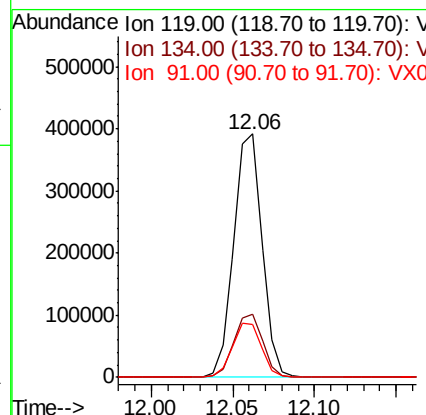
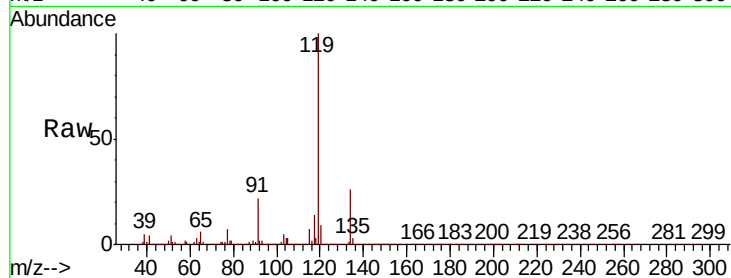




#82
 p-Isopropyltoluene
 Concen: 19.156 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX014344.D
 Acq: 30 Dec 2019 10:22

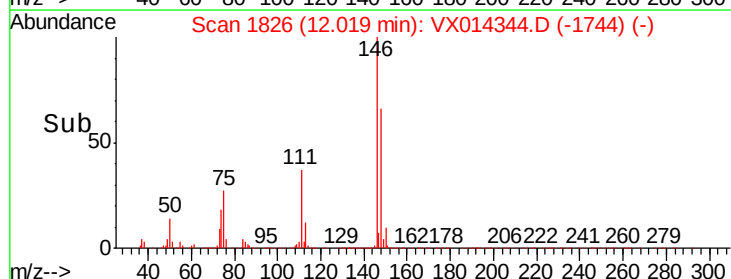
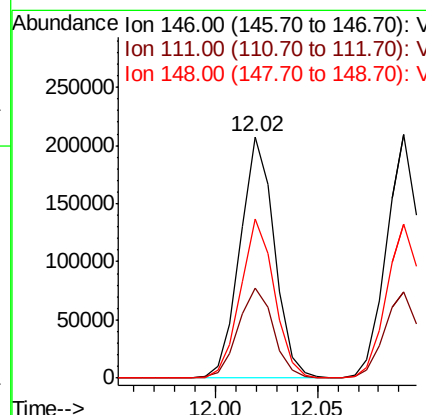
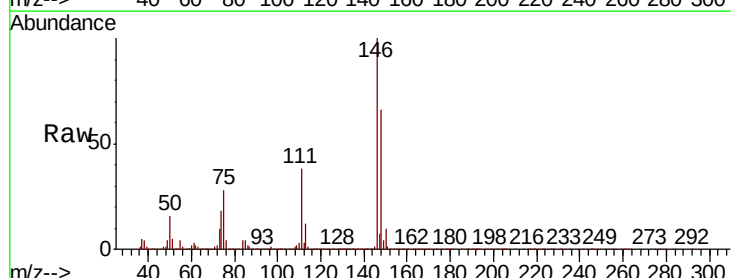
Instrument :
 MSVOA_X
 ClientSampleId :

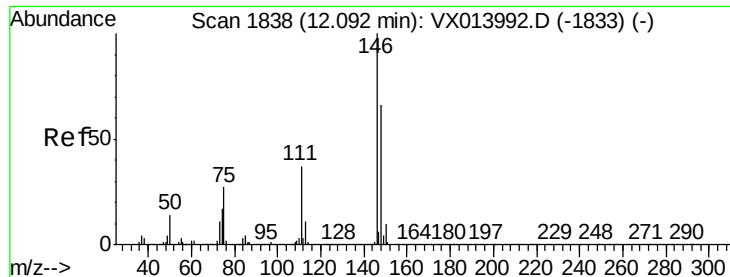
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.3	0.0	53.8
91	22.6	0.0	45.0



#83
 1,3-Dichlorobenzene
 Concen: 18.395 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014344.D
 Acq: 30 Dec 2019 10:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.3	57.9
148	65.1	32.2	96.6

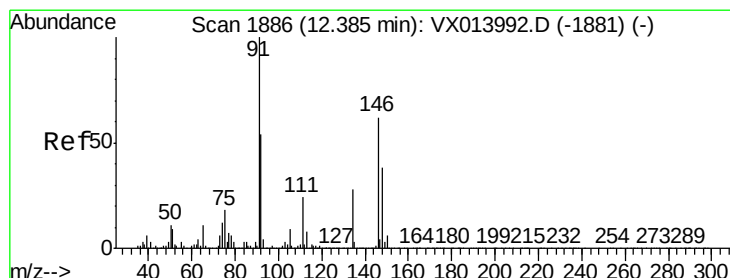
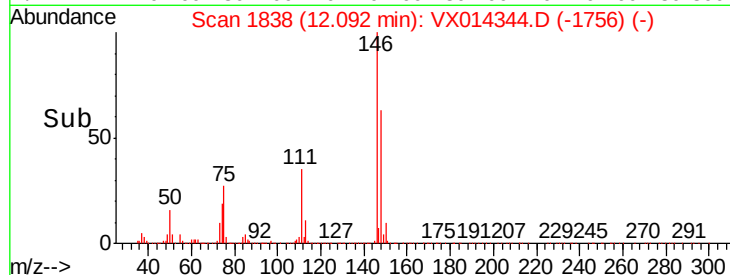
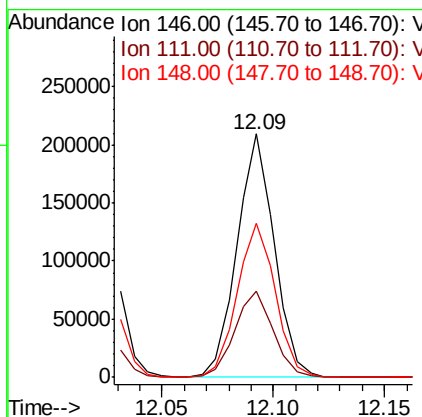
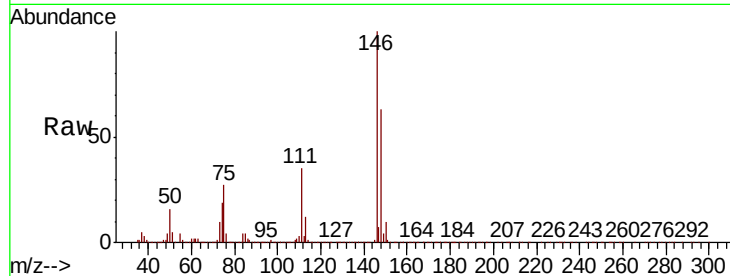




#84
 1,4-Dichlorobenzene
 Concen: 18.593 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014344.D
 Acq: 30 Dec 2019 10:22

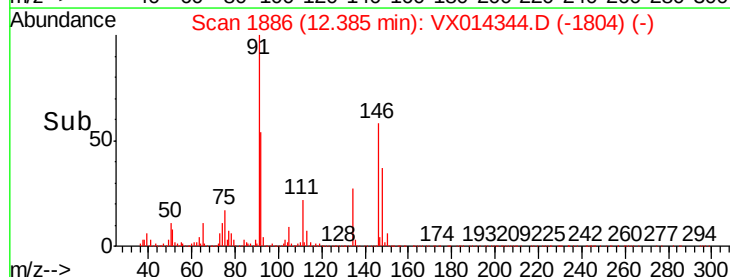
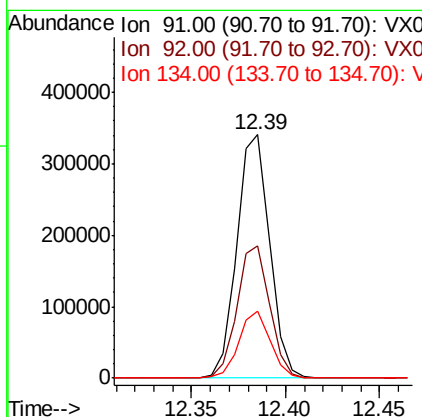
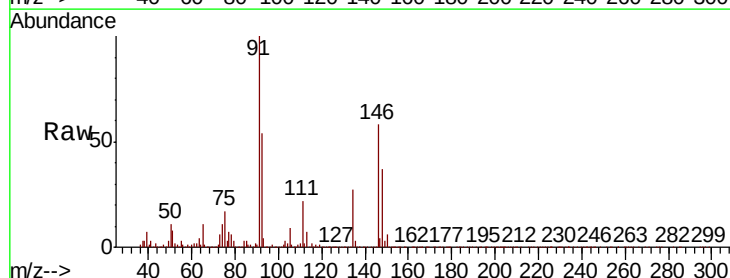
Instrument :
 MSVOA_X
 ClientSampleId :

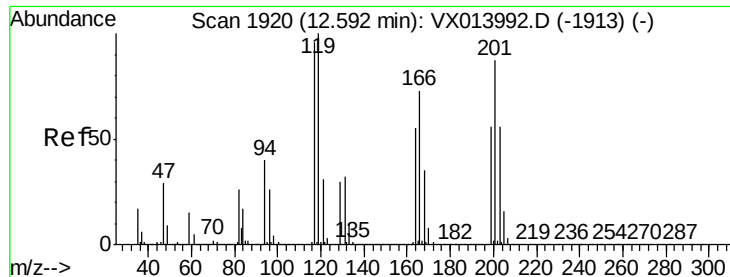
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.4	55.4
148	64.7	32.0	96.0



#85
 n-Butylbenzene
 Concen: 19.741 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014344.D
 Acq: 30 Dec 2019 10:22

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.9	0.0	109.0
134	26.3	0.0	54.0





#86

Hexachloroethane

Concen: 18.191 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Instrument :

MSVOA_X

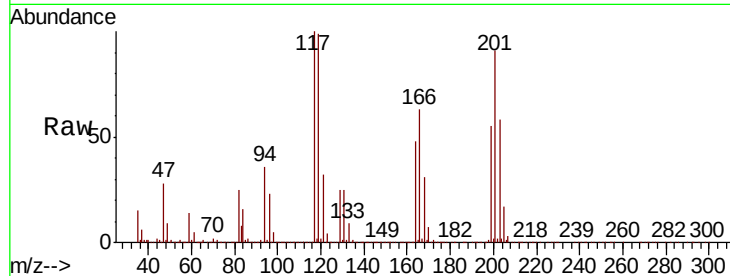
ClientSampleId :

Tot Ion:117 Resp: 81755

Ion Ratio Lower Upper

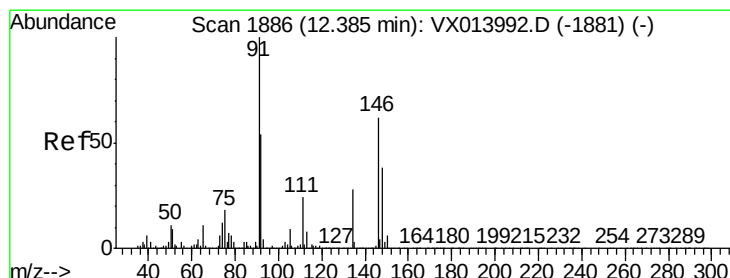
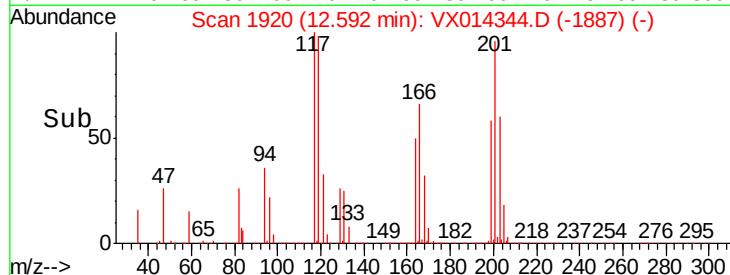
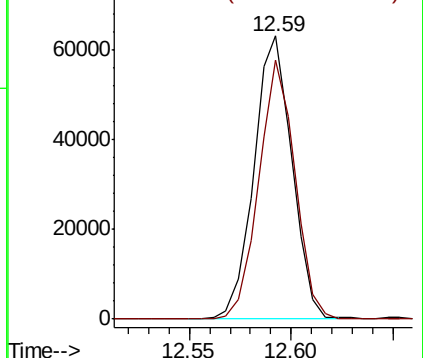
117 100

201 87.0 44.8 134.3



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V



#87

1,2-Dichlorobenzene

Concen: 18.293 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

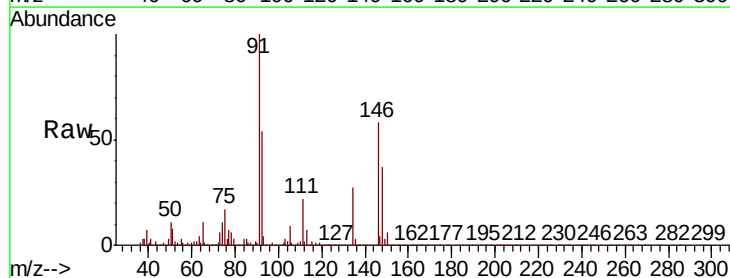
Tgt Ion:146 Resp: 244027

Ion Ratio Lower Upper

146 100

111 38.7 20.1 60.2

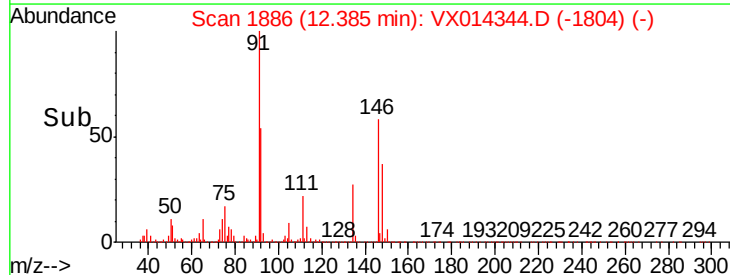
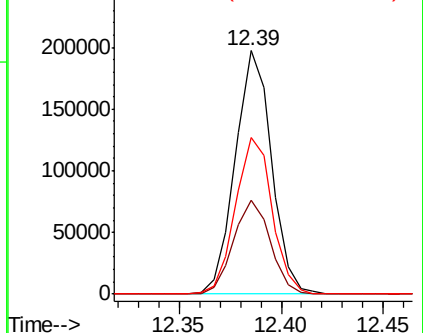
148 64.6 32.0 96.2

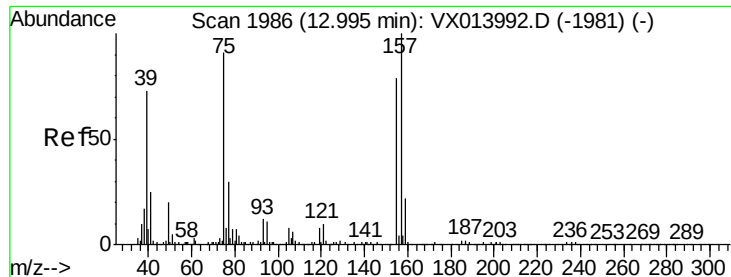


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#88

1,2-Dibromo-3-Chloropropane

Concen: 17.575 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

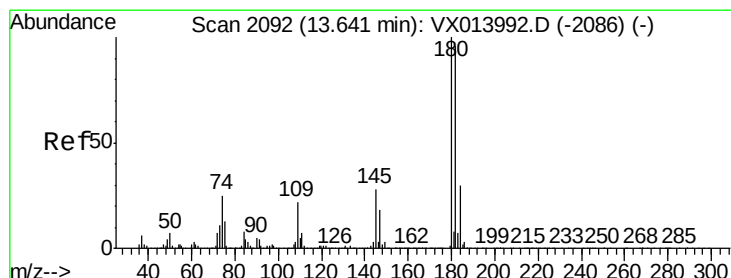
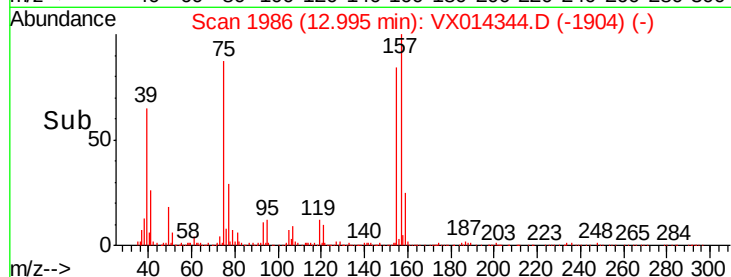
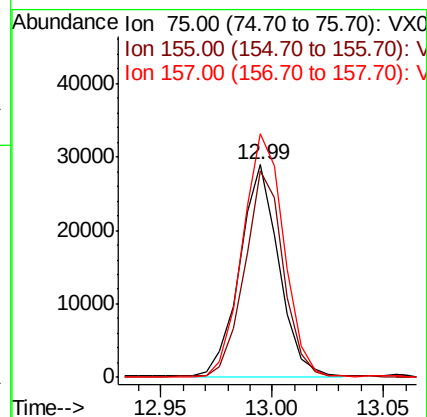
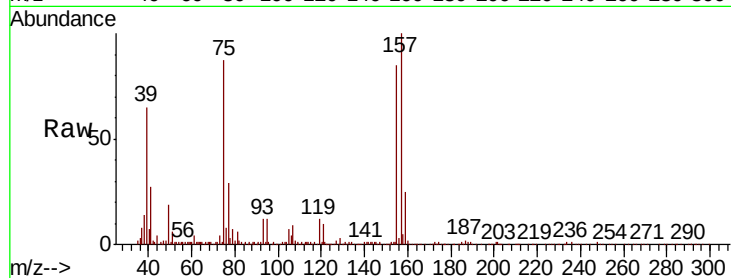
Tot Ion: 75 Resp: 35064

Ion Ratio Lower Upper

75 100

155 97.3 73.8 110.6

157 122.4 95.0 142.4



#89

1,2,4-Trichlorobenzene

Concen: 18.863 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

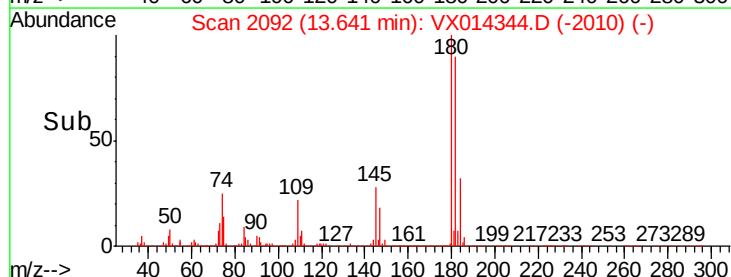
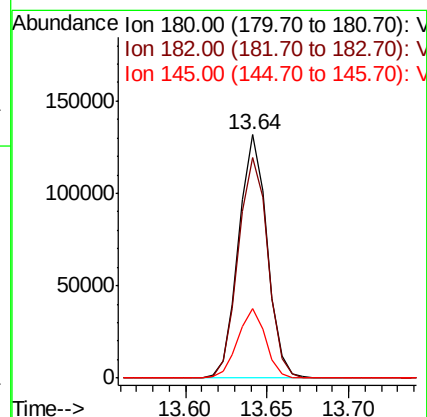
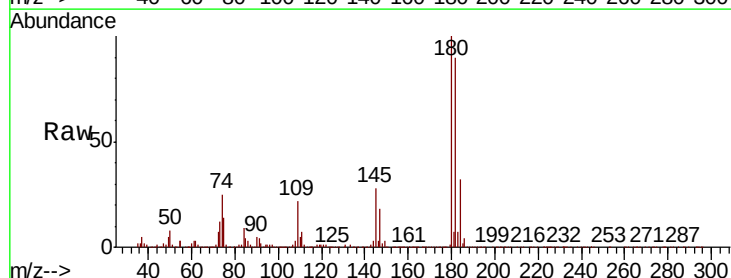
Tgt Ion: 180 Resp: 160821

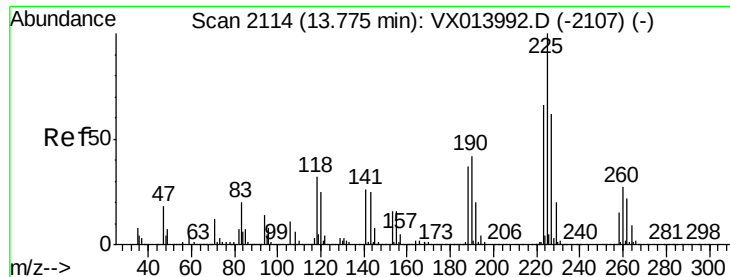
Ion Ratio Lower Upper

180 100

182 93.6 76.4 114.6

145 27.7 21.9 32.9





#90

Hexachlorobutadiene

Concen: 20.155 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

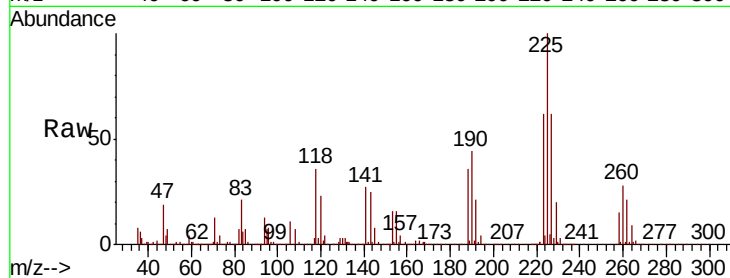
Tot Ion:225 Resp: 81678

Ion Ratio Lower Upper

225 100

223 61.2 0.0 127.4

227 60.7 0.0 122.8

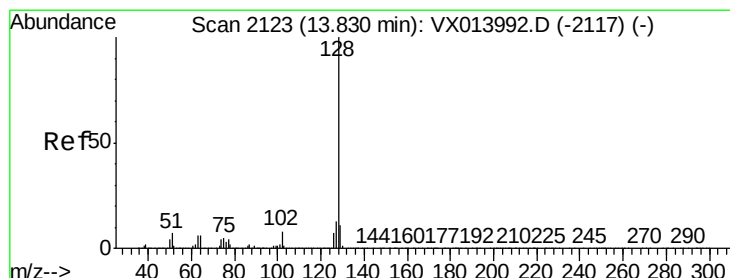
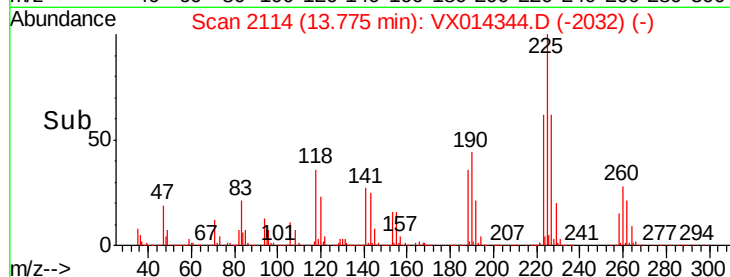
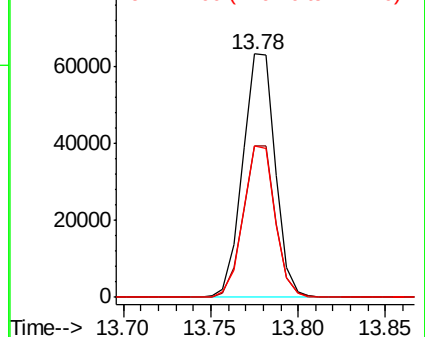


Abundance

Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V



#91

Naphthalene

Concen: 18.374 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

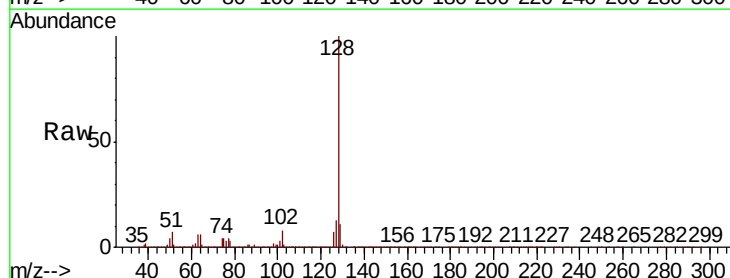
Tgt Ion:128 Resp: 470841

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

129 11.3 8.9 13.3

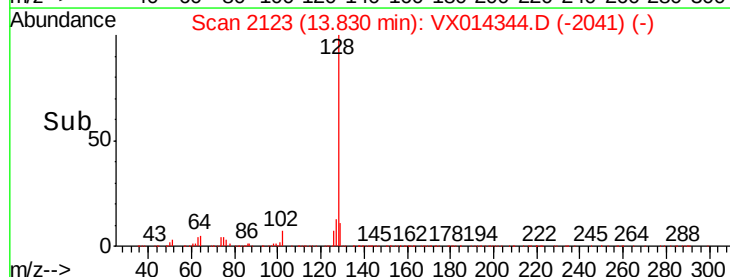
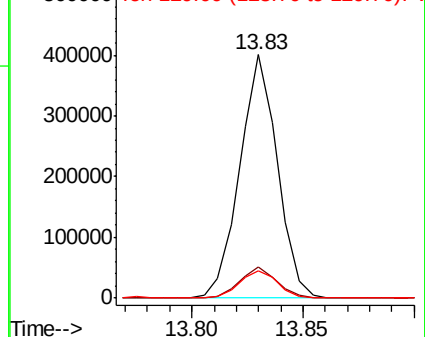


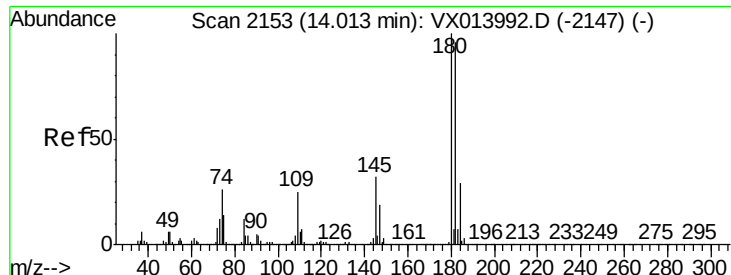
Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#92
 1,2,3-Trichlorobenzene
 Concen: 18.392 ug/l
 RT: 14.02 min Scan# 2154
 Delta R.T. 0.01 min
 Lab File: VX014344.D
 Acq: 30 Dec 2019 10:22

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	0.0	192.8
145	29.9	0.0	60.0

