

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010320\
 Data File : VX014394.D
 Acq On : 03 Jan 2020 12:33
 Operator : JC/SP
 Sample : VX0103WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0103WBS01

Quant Time: Jan 06 02:28:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	530444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	785978	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	710718	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	350746	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	289547	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
35) Dibromofluoromethane	5.49	113	241586	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
50) Toluene-d8	8.71	98	934458	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
62) 4-Bromofluorobenzene	11.13	95	334516	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	71567	15.081	ug/l	98
3) Chloromethane	1.32	50	98664	15.492	ug/l	99
4) Vinyl Chloride	1.40	62	105611	15.716	ug/l	98
5) Bromomethane	1.63	94	72827	15.269	ug/l	99
6) Chloroethane	1.72	64	71616	17.267	ug/l	99
7) Trichlorofluoromethane	1.92	101	145620	17.505	ug/l	100
8) Diethyl Ether	2.18	74	68194	17.467	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	90538	18.055	ug/l	99
10) Methyl Iodide	2.50	142	87631	15.178	ug/l	98
11) Tert butyl alcohol	3.03	59	129446	99.649	ug/l	100
12) 1,1-Dichloroethene	2.36	96	85812	16.818	ug/l	98
13) Acrolein	2.28	56	52890	71.127	ug/l	97
14) Allyl chloride	2.72	41	160921	17.663	ug/l	99
15) Acrylonitrile	3.13	53	283551	93.519	ug/l	99
16) Acetone	2.43	43	309011	79.173	ug/l	99
17) Carbon Disulfide	2.56	76	203313	14.888	ug/l	99
18) Methyl Acetate	2.76	43	147549	19.078	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	311004	18.548	ug/l	100
20) Methylene Chloride	2.84	84	105306	17.134	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	94708	16.848	ug/l	98
22) Diisopropyl ether	3.84	45	337436	18.587	ug/l	92
23) Vinyl Acetate	3.80	43	1416574	95.615	ug/l	99
24) 1,1-Dichloroethane	3.69	63	180204	17.841	ug/l	98
25) 2-Butanone	4.65	43	427089	88.757	ug/l	98
26) 2,2-Dichloropropane	4.58	77	143494	18.298	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	113889	17.914	ug/l	98
28) Bromochloromethane	5.00	49	78985	20.602	ug/l	97
29) Tetrahydrofuran	5.11	42	254860	94.693	ug/l	99
30) Chloroform	5.20	83	176796	18.464	ug/l	95
31) Cyclohexane	5.57	56	152096	16.931	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	149075	18.268	ug/l	97
36) 1,1-Dichloropropene	5.79	75	129229	17.919	ug/l	100
37) Ethyl Acetate	4.82	43	150435	18.890	ug/l	98
38) Carbon Tetrachloride	5.77	117	122749	18.684	ug/l	98

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	157507	17.688	ug/l	97
40) Benzene	6.13	78	401104	18.076	ug/l	99
41) Methacrylonitrile	5.03	41	84168	19.048	ug/l	98
42) 1,2-Dichloroethane	6.18	62	138191	18.372	ug/l	100
43) Isopropyl Acetate	6.43	43	254365	19.300	ug/l	99
44) Trichloroethene	7.20	130	112609	18.373	ug/l	94
45) 1,2-Dichloropropane	7.51	63	106325	18.695	ug/l	94
46) Dibromomethane	7.65	93	67171	17.863	ug/l	98
47) Bromodichloromethane	7.89	83	133535	18.856	ug/l	96
48) Methyl methacrylate	7.76	41	121630	18.846	ug/l	99
49) 1,4-Dioxane	7.73	88	56037	426.669	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	797939	96.403	ug/l	99
52) Toluene	8.78	92	254406	18.139	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	149013	19.189	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	165930	19.180	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	107707	19.161	ug/l	97
56) Ethyl methacrylate	9.17	69	163310	18.495	ug/l	99
57) 1,3-Dichloropropane	9.36	76	179289	18.957	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	330682	98.958	ug/l	99
59) 2-Hexanone	9.48	43	622685	93.453	ug/l	99
60) Dibromochloromethane	9.57	129	107364	19.215	ug/l	99
61) 1,2-Dibromoethane	9.67	107	110024	19.130	ug/l	99
64) Tetrachloroethene	9.33	164	116109	18.462	ug/l	96
65) Chlorobenzene	10.14	112	274142	18.141	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	103951	19.266	ug/l	97
67) Ethyl Benzene	10.25	91	479467	18.455	ug/l	99
68) m/p-Xylenes	10.35	106	367890	36.817	ug/l	99
69) o-Xylene	10.70	106	181503	18.521	ug/l	99
70) Styrene	10.71	104	304569	18.379	ug/l	100
71) Bromoform	10.85	173	81365	18.760	ug/l #	99
73) Isopropylbenzene	11.01	105	478457	19.374	ug/l	100
74) N-amyl acetate	10.89	43	214782	18.555	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	162688	19.002	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	183163	24.054	ug/l	90
77) Bromobenzene	11.25	156	123755	18.214	ug/l	99
78) n-propylbenzene	11.35	91	533941	19.276	ug/l	99
79) 2-Chlorotoluene	11.42	91	320079	19.009	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	396060	19.056	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	50739	18.807	ug/l	96
82) 4-Chlorotoluene	11.51	91	361181	18.492	ug/l	99
83) tert-Butylbenzene	11.76	119	392453	19.403	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	399740	19.206	ug/l	100
85) sec-Butylbenzene	11.94	105	463144	19.397	ug/l	100
86) p-Isopropyltoluene	12.06	119	427889	19.591	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	217450	18.261	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	216316	17.865	ug/l	99
89) n-Butylbenzene	12.38	91	355099	19.054	ug/l	100
90) Hexachloroethane	12.59	117	73987	18.859	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	220175	18.367	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	33487	17.675	ug/l	99

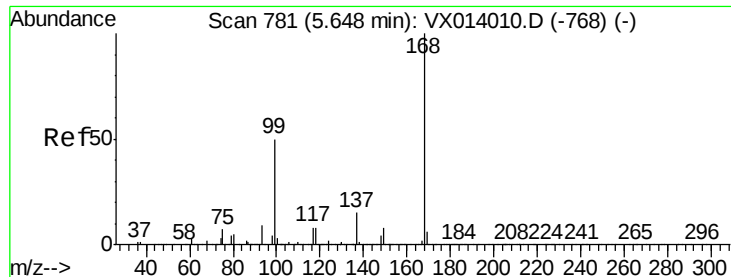
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	145781	18.711	ug/l	99
94) Hexachlorobutadiene	13.77	225	73147	19.534	ug/l	97
95) Naphthalene	13.83	128	432882	18.910	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	144748	18.820	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

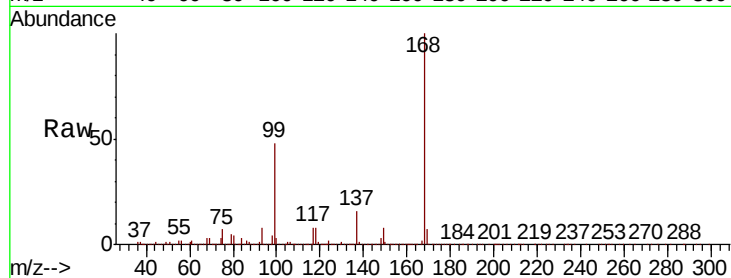
VX0103WBS01

Tot Ion:168 Resp: 530444

Ion Ratio Lower Upper

168 100

99 47.7 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

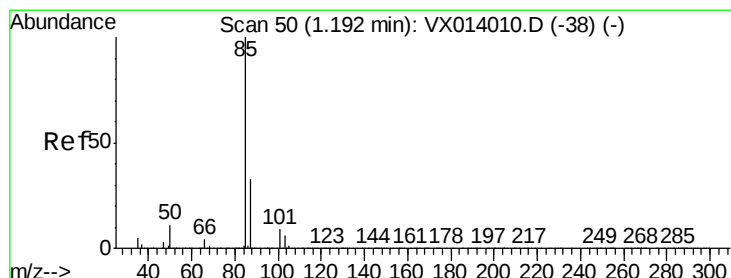
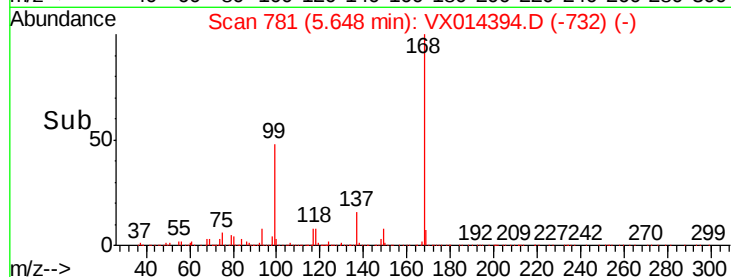
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 15.081 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014394.D

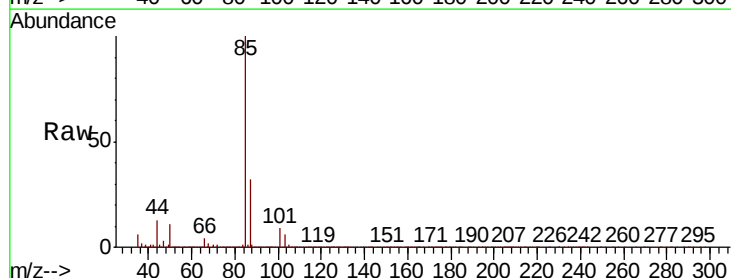
Acq: 03 Jan 2020 12:33

Tgt Ion: 85 Resp: 71567

Ion Ratio Lower Upper

85 100

87 31.7 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

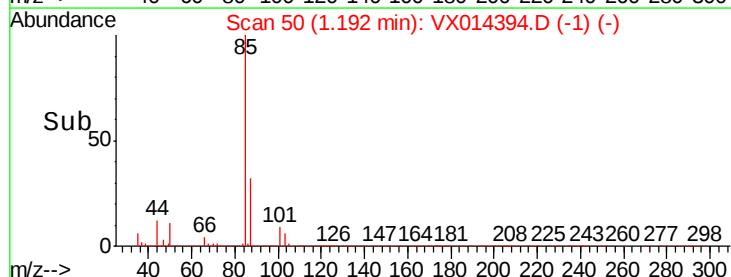
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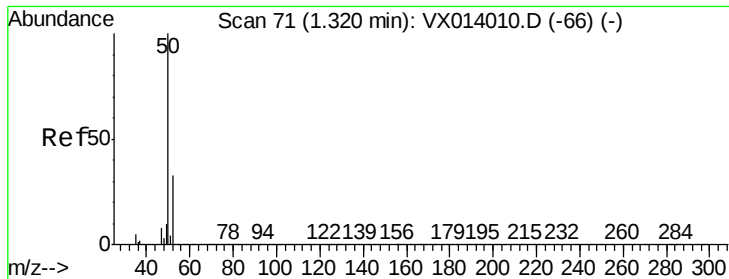
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20000

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Time-->





#3

Chloromethane

Concen: 15.492 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

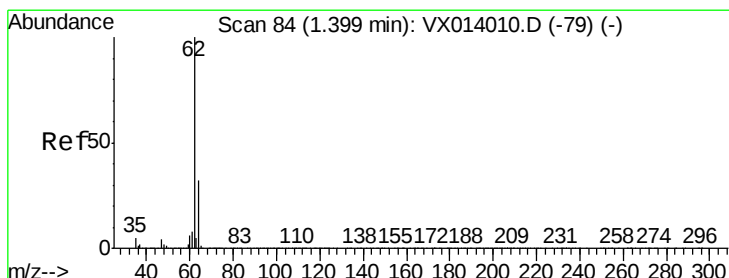
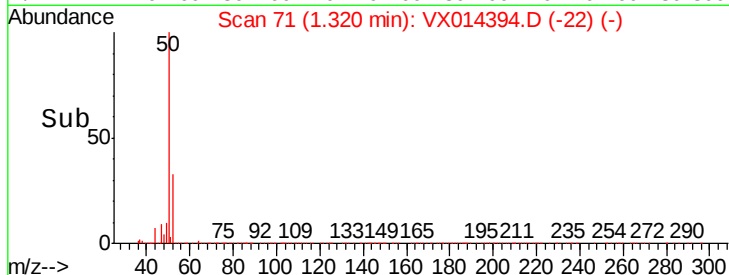
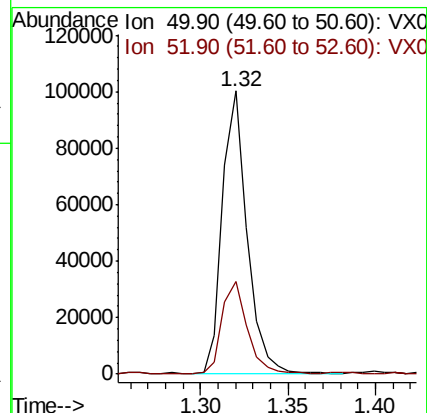
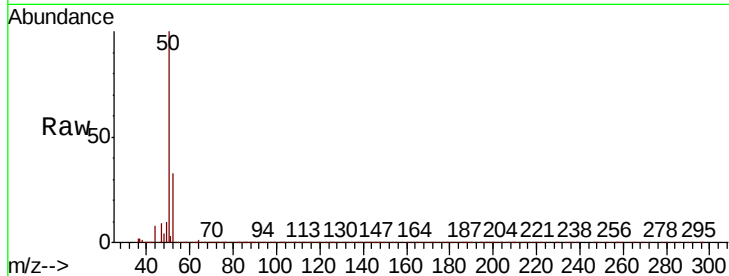
VX0103WBS01

Tot Ion: 50 Resp: 98664

Ion Ratio Lower Upper

50 100

52 32.2 26.2 39.4



#4

Vinyl Chloride

Concen: 15.716 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014394.D

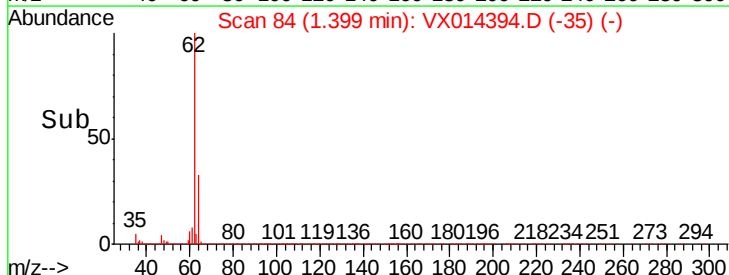
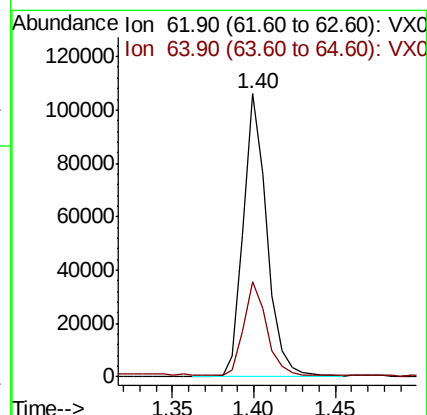
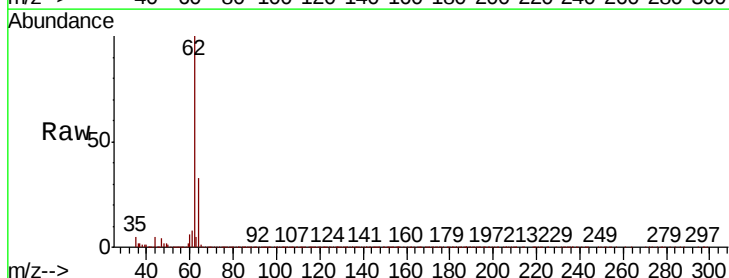
Acq: 03 Jan 2020 12:33

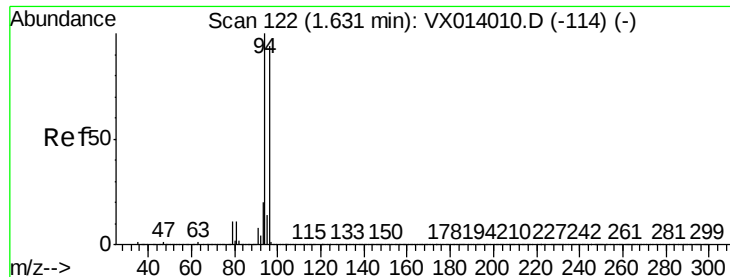
Tgt Ion: 62 Resp: 105611

Ion Ratio Lower Upper

62 100

64 33.2 25.7 38.5





#5

Bromomethane

Concen: 15.269 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

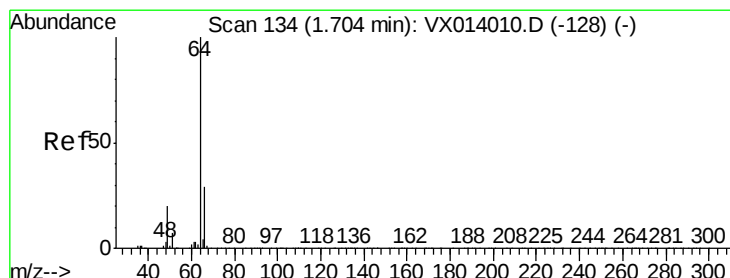
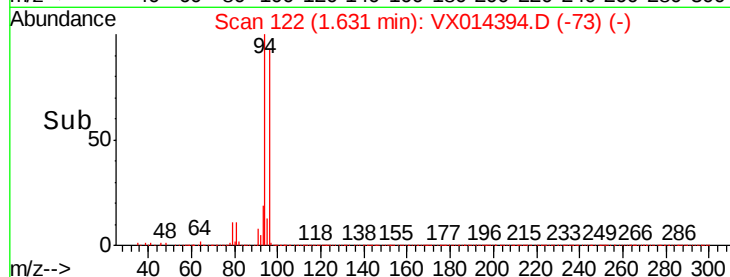
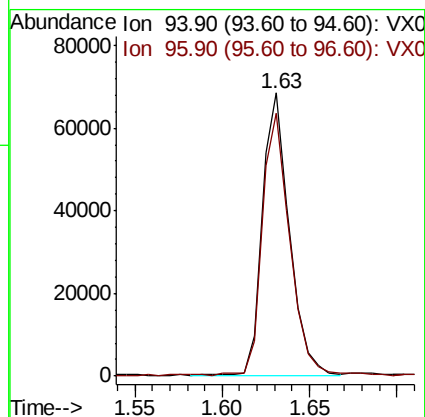
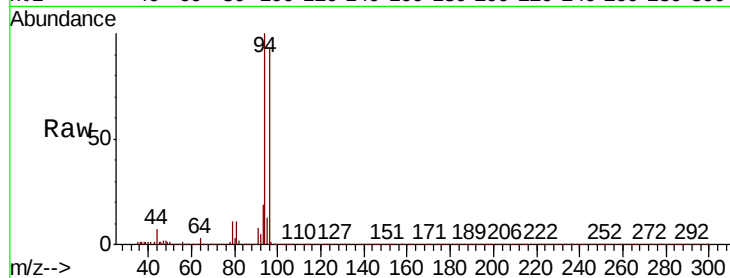
VX0103WBS01

Tot Ion: 94 Resp: 72827

Ion Ratio Lower Upper

94 100

96 92.6 75.2 112.8



#6

Chloroethane

Concen: 17.267 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014394.D

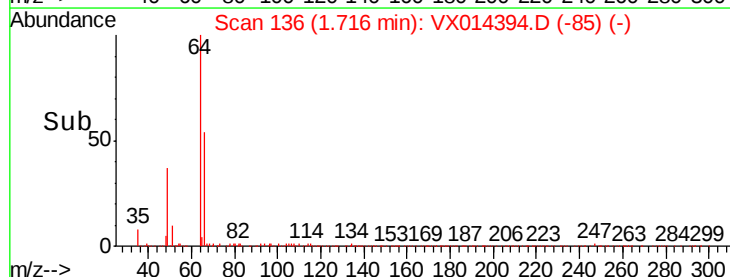
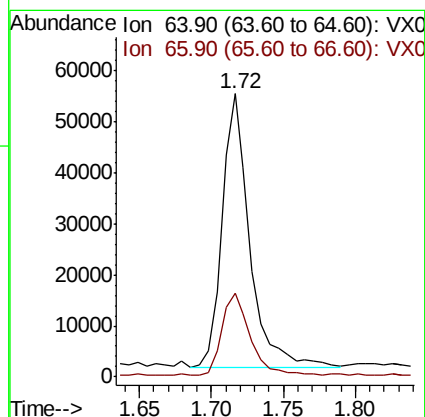
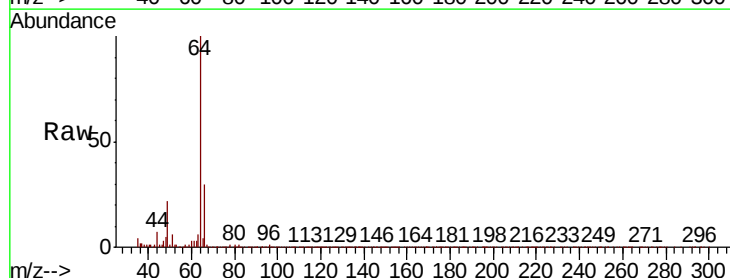
Acq: 03 Jan 2020 12:33

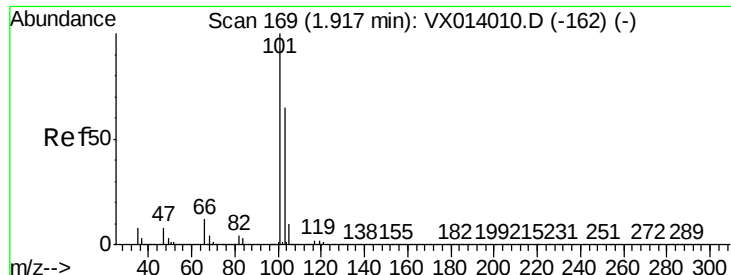
Tgt Ion: 64 Resp: 71616

Ion Ratio Lower Upper

64 100

66 29.9 23.4 35.2



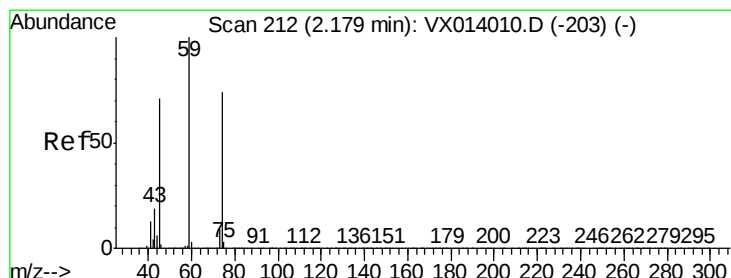
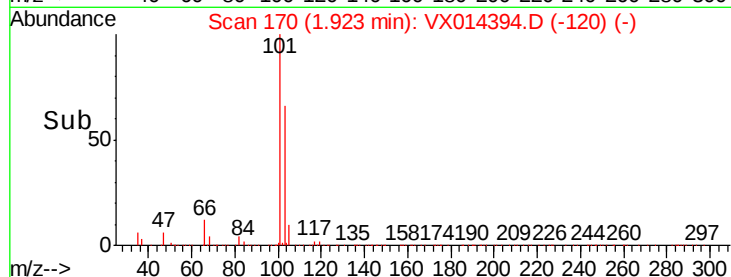
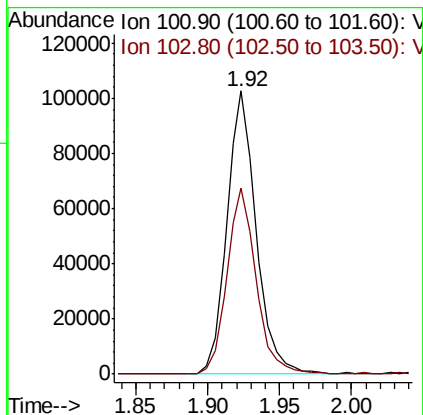
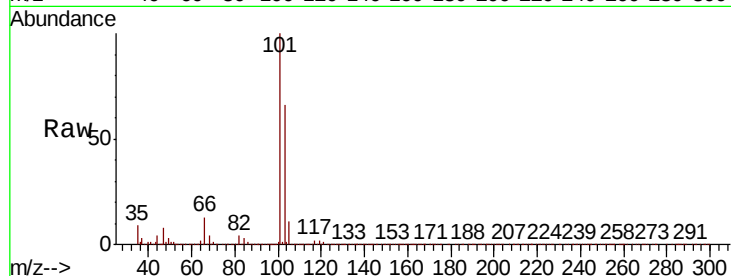


#7

Trichlorofluoromethane
 Concen: 17.505 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX014394.D
 Acq: 03 Jan 2020 12:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0103WBS01

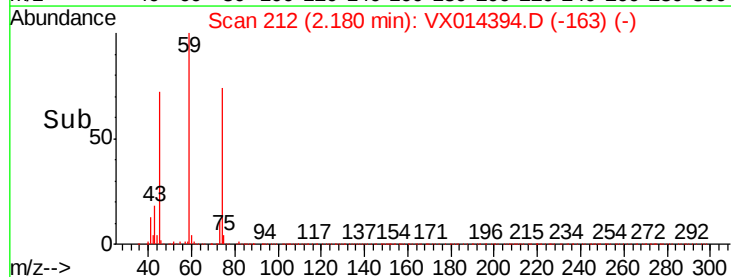
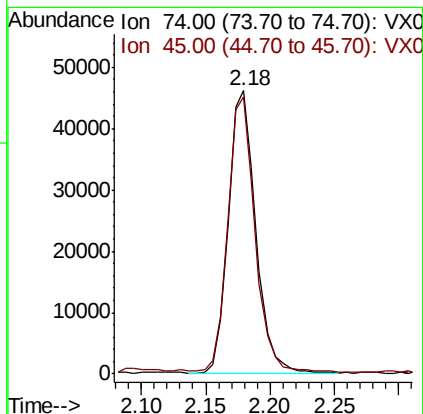
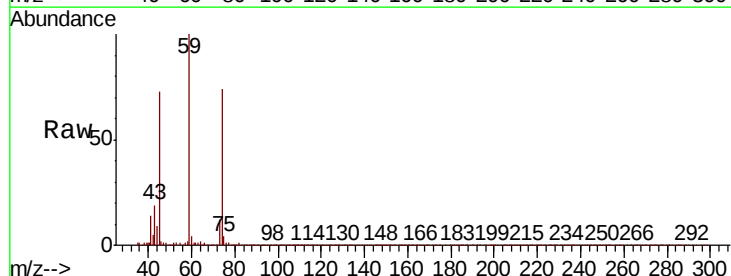
Tot Ion:101 Resp: 145620
 Ion Ratio Lower Upper
 101 100
 103 65.5 52.2 78.4



#8

Diethyl Ether
 Concen: 17.467 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX014394.D
 Acq: 03 Jan 2020 12:33

Tgt Ion: 74 Resp: 68194
 Ion Ratio Lower Upper
 74 100
 45 97.3 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.055 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX0103WBS01

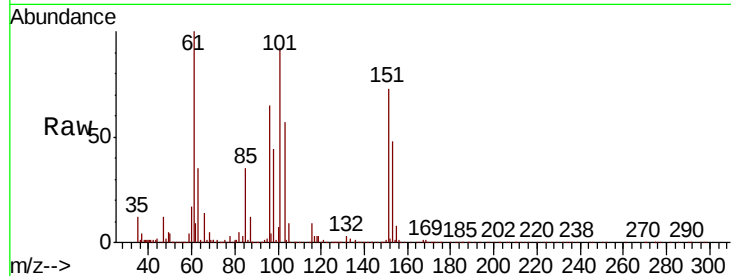
Tot Ion:101 Resp: 90538

Ion Ratio Lower Upper

101 100

85 42.1 33.7 50.5

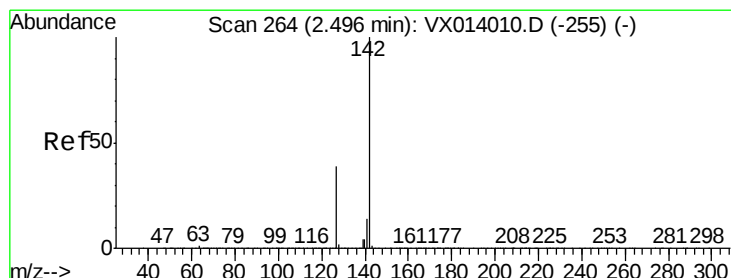
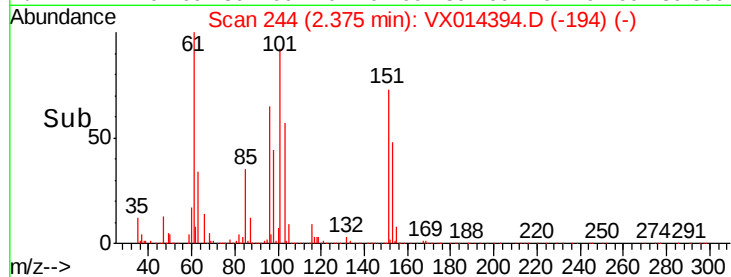
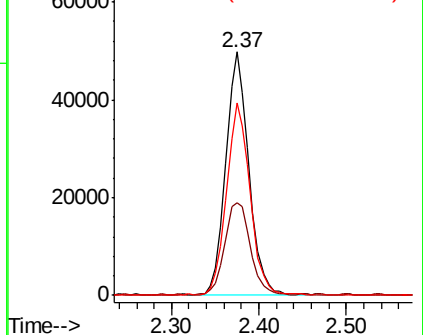
151 81.8 64.5 96.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.178 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

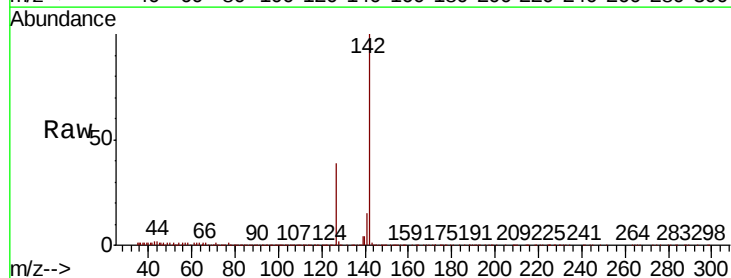
Tgt Ion:142 Resp: 87631

Ion Ratio Lower Upper

142 100

127 38.4 31.6 47.4

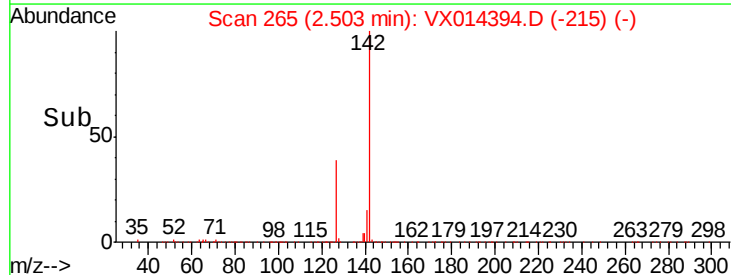
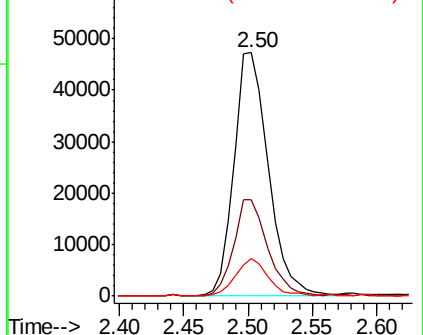
141 14.1 11.6 17.4

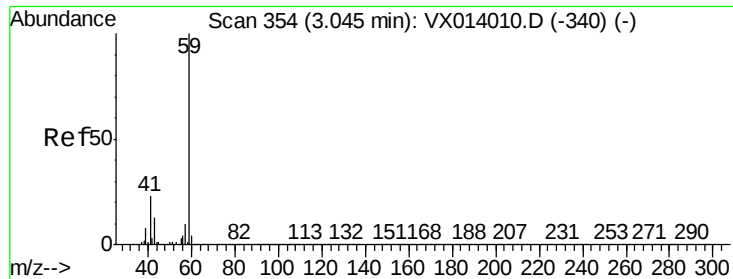


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



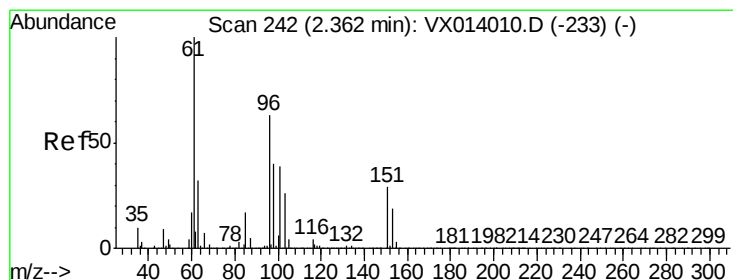
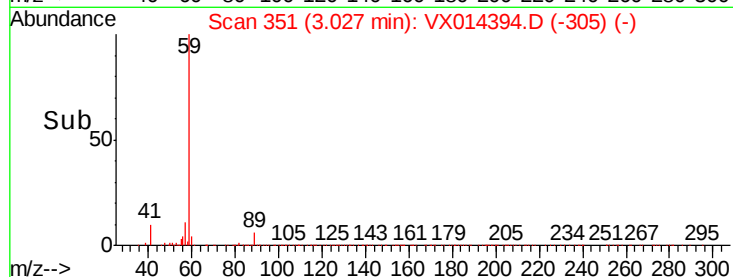
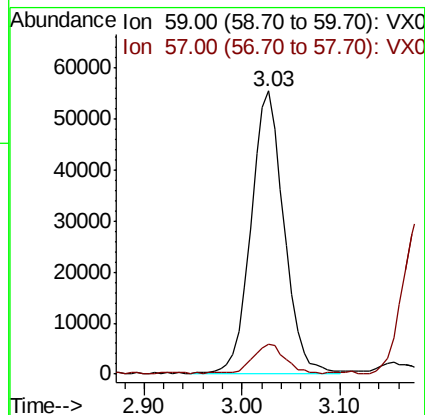
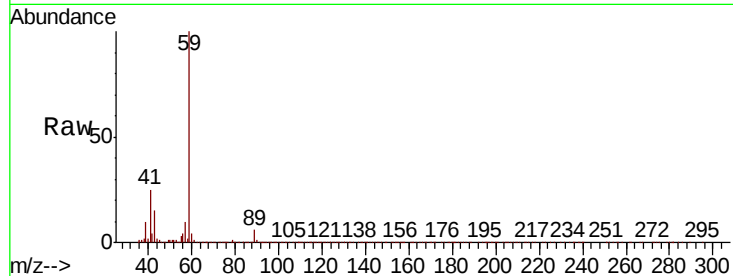


#11

Tert butyl alcohol
 Concen: 99.649 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.02 min
 Lab File: VX014394.D
 Acq: 03 Jan 2020 12:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0103WBS01

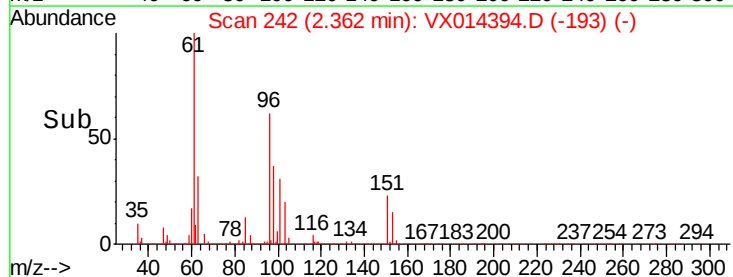
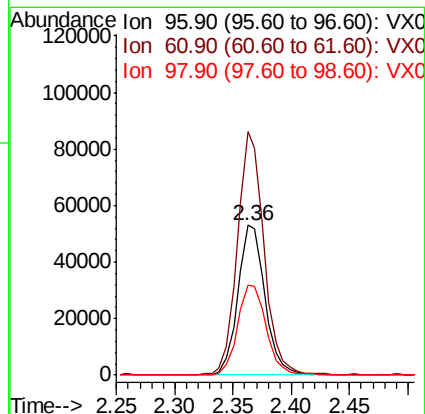
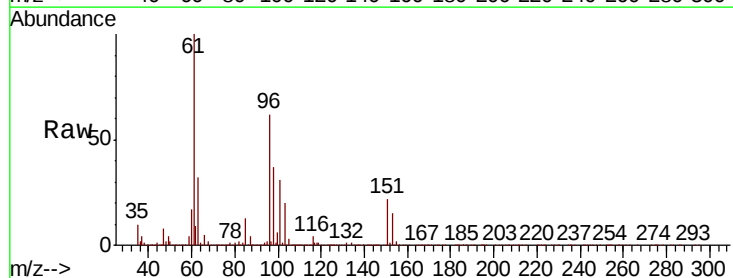
Tot Ion: 59 Resp: 129446
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.4 12.6



#12

1,1-Dichloroethene
 Concen: 16.818 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX014394.D
 Acq: 03 Jan 2020 12:33

Tgt Ion: 96 Resp: 85812
 Ion Ratio Lower Upper
 96 100
 61 162.4 127.9 191.9
 98 60.1 50.5 75.7

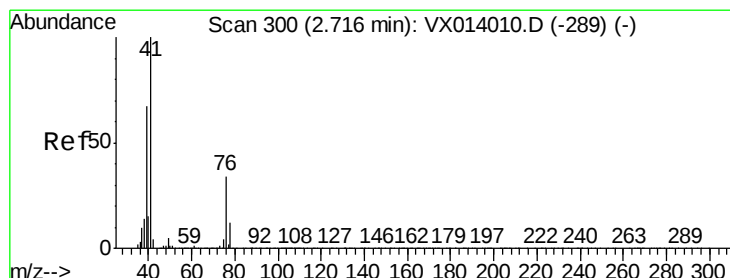
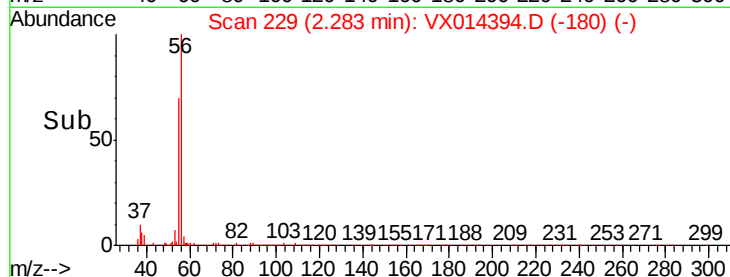
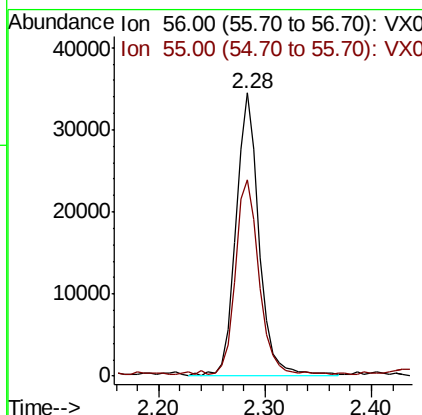
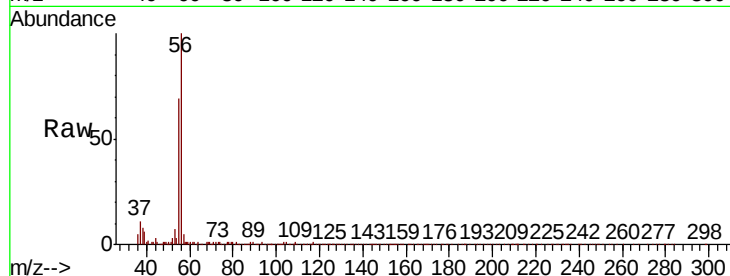




#13
Acrolein
Concen: 71.127 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

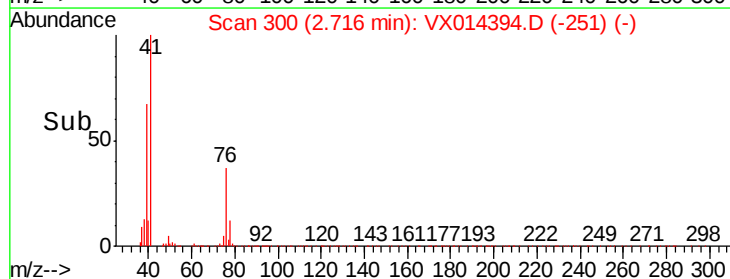
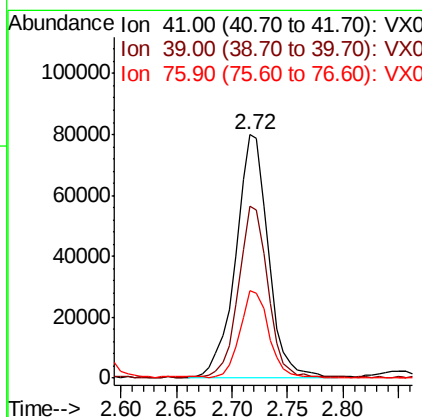
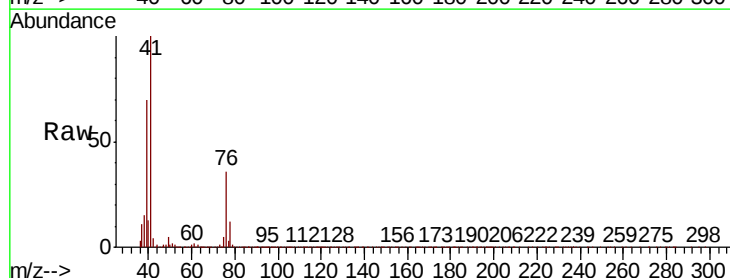
Instrument :
MSVOA_X
ClientSampleId :
VX0103WBS01

Tot Ion: 56 Resp: 52890
Ion Ratio Lower Upper
56 100
55 69.0 56.9 85.3



#14
Allyl chloride
Concen: 17.663 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

Tgt Ion: 41 Resp: 160921
Ion Ratio Lower Upper
41 100
39 65.6 51.8 77.8
76 31.8 25.9 38.9





#15

Acrylonitrile

Concen: 93.519 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX0103WBS01

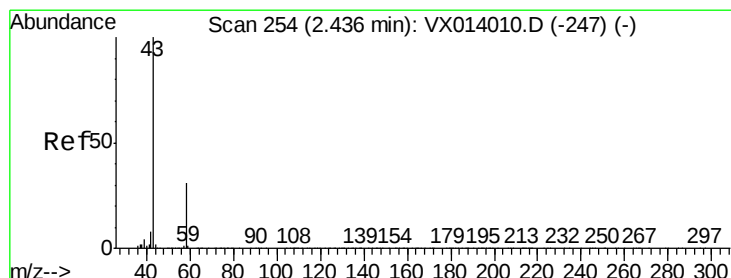
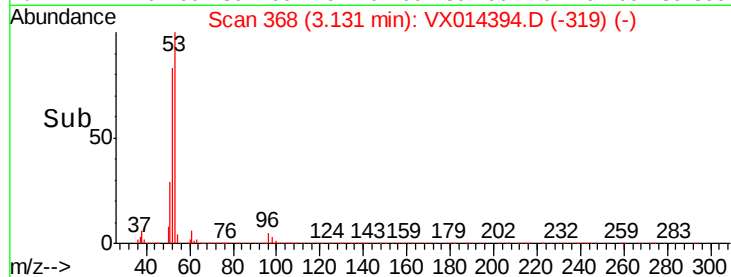
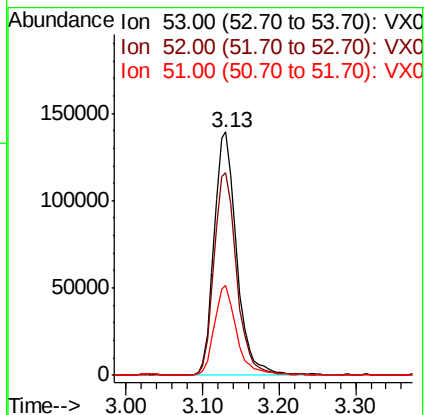
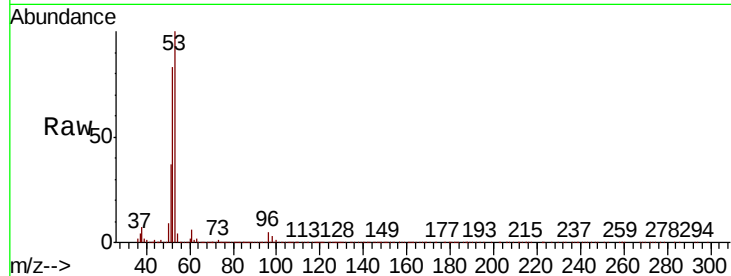
Tot Ion: 53 Resp: 283551

Ion Ratio Lower Upper

53 100

52 83.3 66.5 99.7

51 36.0 28.1 42.1



#16

Acetone

Concen: 79.173 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014394.D

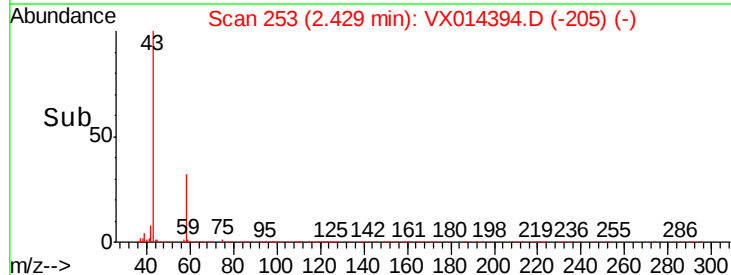
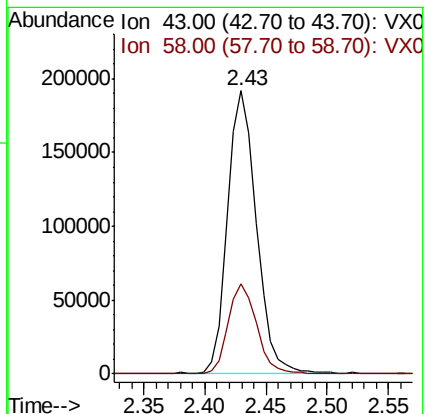
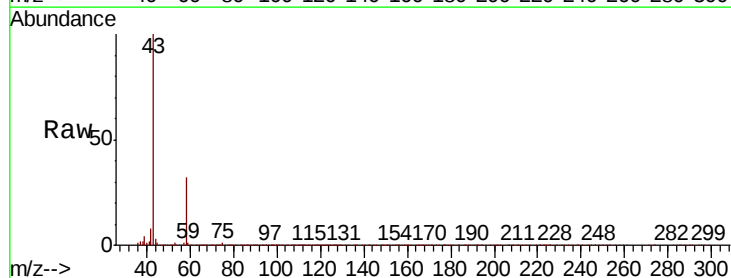
Acq: 03 Jan 2020 12:33

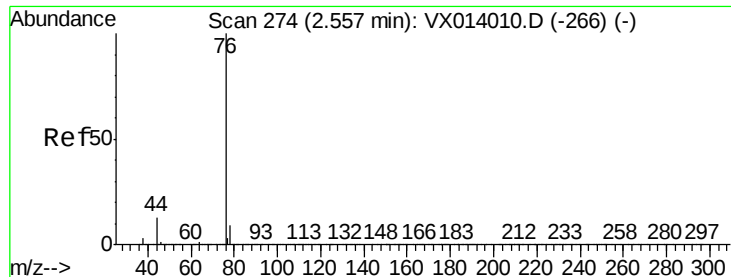
Tgt Ion: 43 Resp: 309011

Ion Ratio Lower Upper

43 100

58 31.9 24.9 37.3





#17

Carbon Disulfide

Concen: 14.888 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

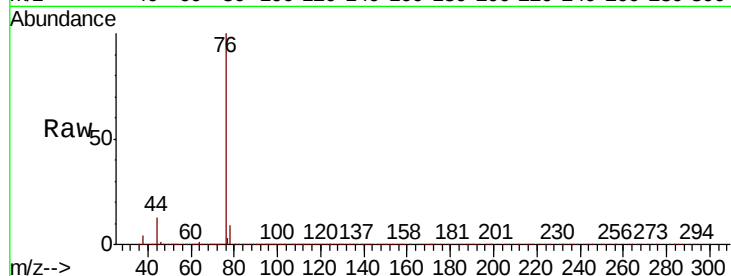
VX0103WBS01

Tot Ion: 76 Resp: 203313

Ion Ratio Lower Upper

76 100

78 8.5 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

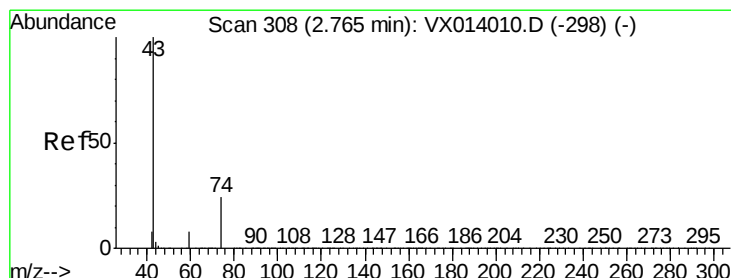
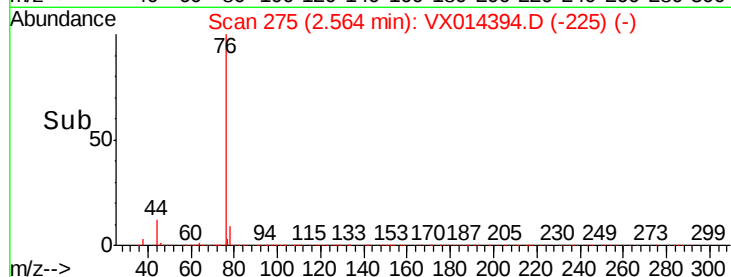
2.56

100000

50000

0

Time--> 2.45 2.50 2.55 2.60 2.65



#18

Methyl Acetate

Concen: 19.078 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014394.D

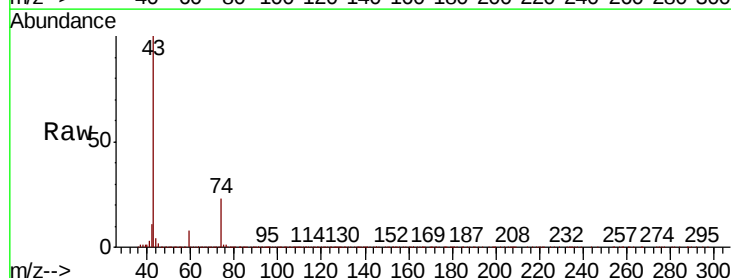
Acq: 03 Jan 2020 12:33

Tgt Ion: 43 Resp: 147549

Ion Ratio Lower Upper

43 100

74 22.7 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

80000

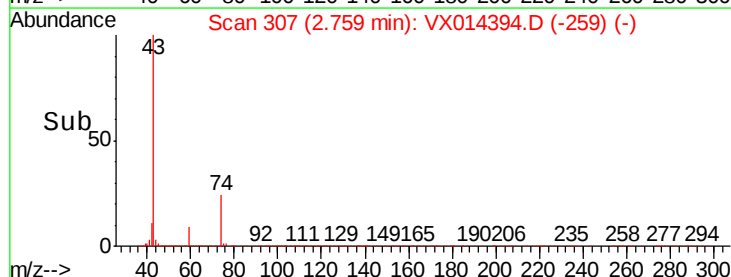
60000

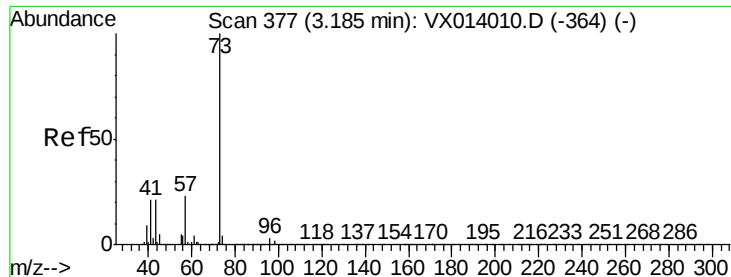
40000

20000

0

Time--> 2.70 2.80



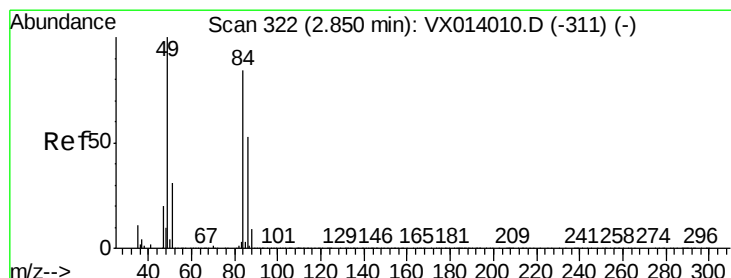
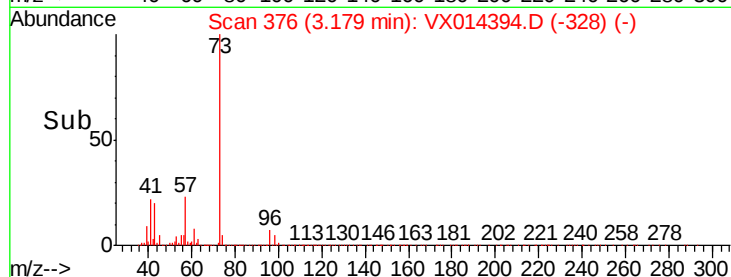
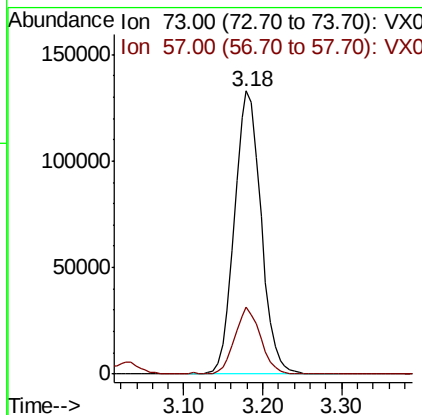
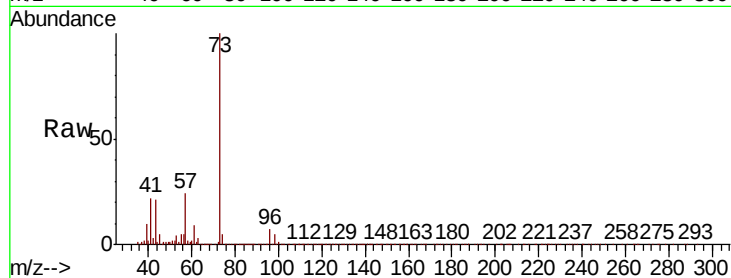


#19

Methyl tert-butyl Ether
 Concen: 18.548 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014394.D
 Acq: 03 Jan 2020 12:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0103WBS01

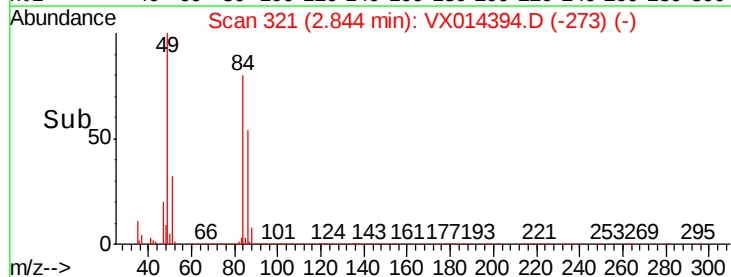
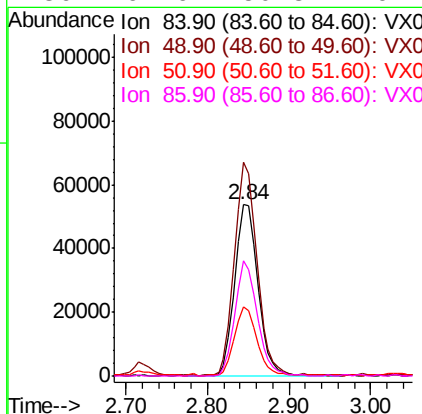
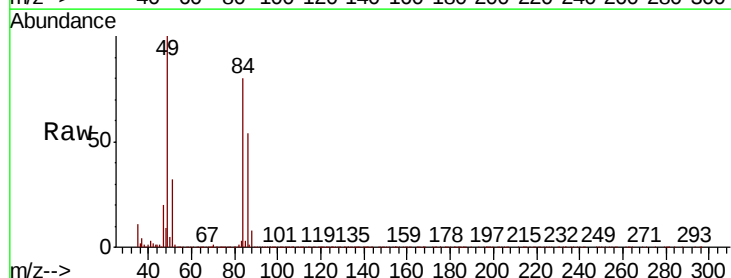
Tot Ion: 73 Resp: 311004
 Ion Ratio Lower Upper
 73 100
 57 23.4 18.8 28.2

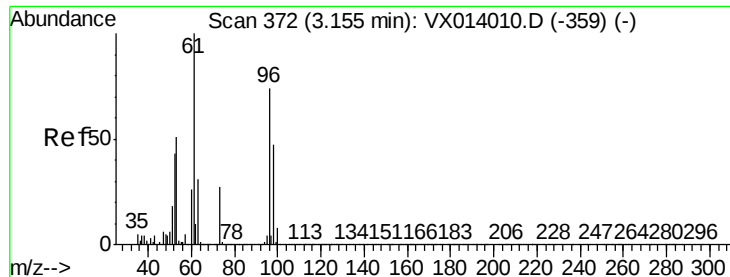


#20

Methylene Chloride
 Concen: 17.134 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX014394.D
 Acq: 03 Jan 2020 12:33

Tgt Ion: 84 Resp: 105306
 Ion Ratio Lower Upper
 84 100
 49 124.5 95.8 143.6
 51 39.8 29.8 44.8
 86 67.6 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 16.848 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX0103WBS01

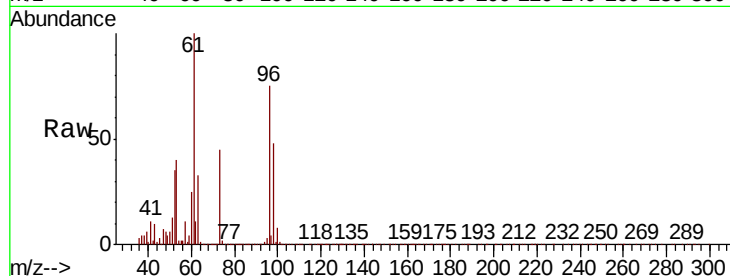
Tot Ion: 96 Resp: 94708

Ion Ratio Lower Upper

96 100

61 133.0 108.3 162.5

98 63.1 50.8 76.2

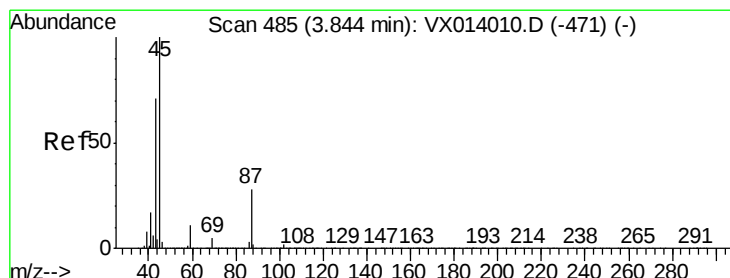
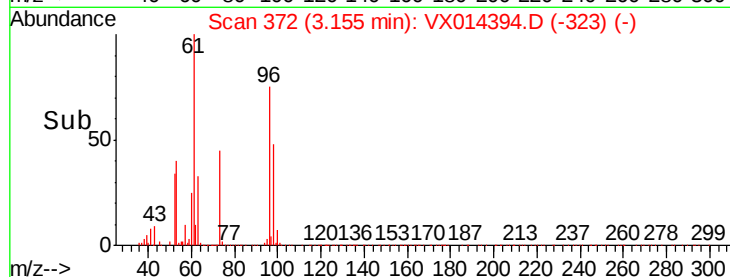
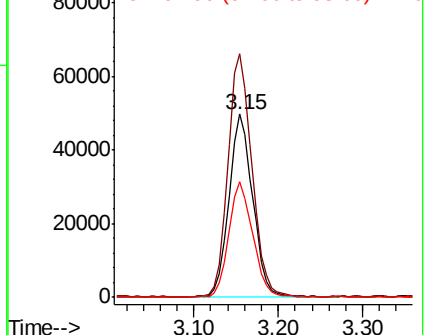


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.587 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

Tgt Ion: 45 Resp: 337436

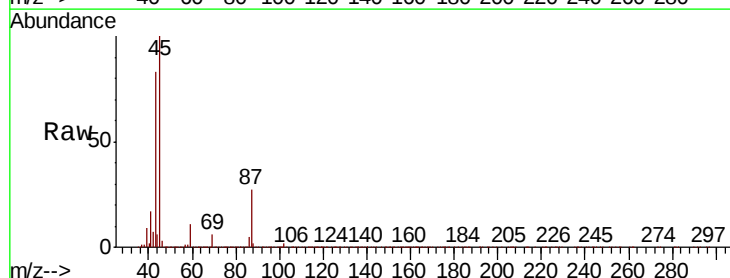
Ion Ratio Lower Upper

45 100

43 81.4 57.4 86.0

87 27.1 21.9 32.9

59 11.0 9.0 13.6



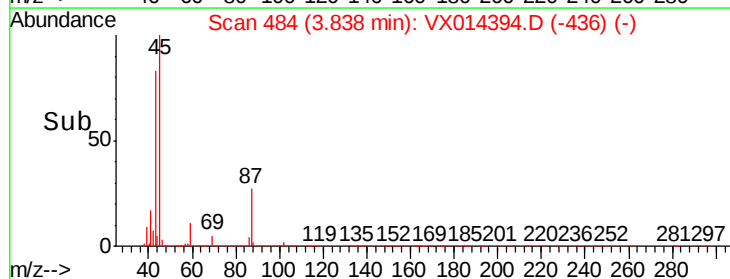
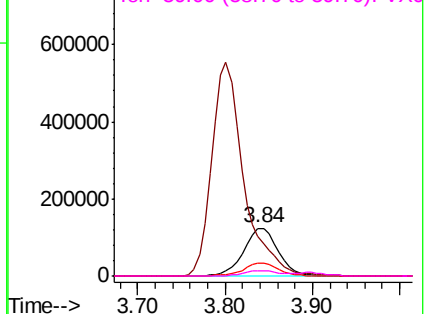
Abundance

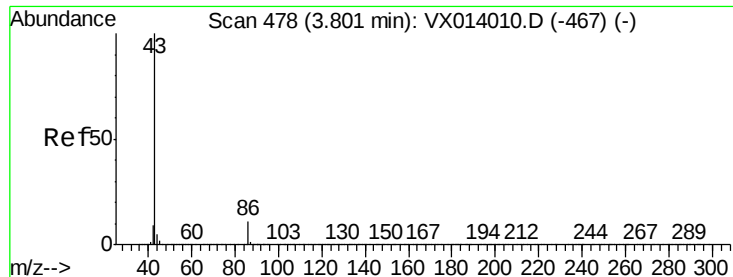
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

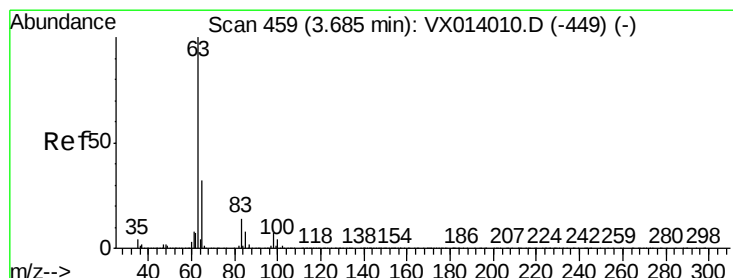
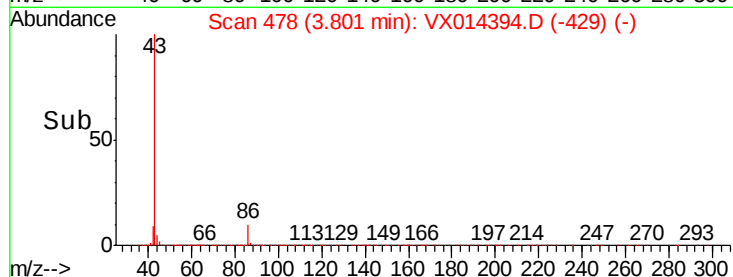
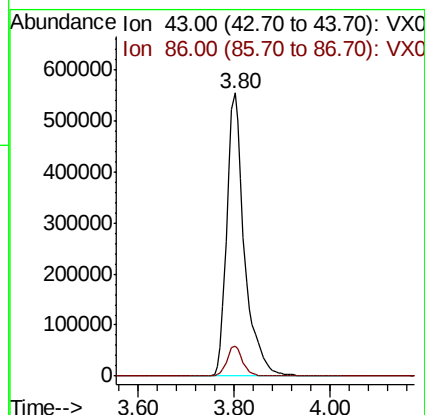
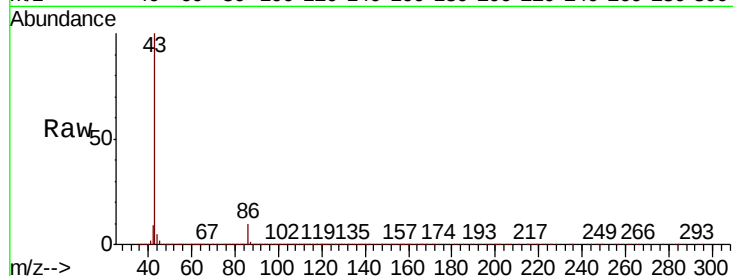




#23
 Vinyl Acetate
 Concen: 95.615 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: VX014394.D
 Acq: 03 Jan 2020 12:33

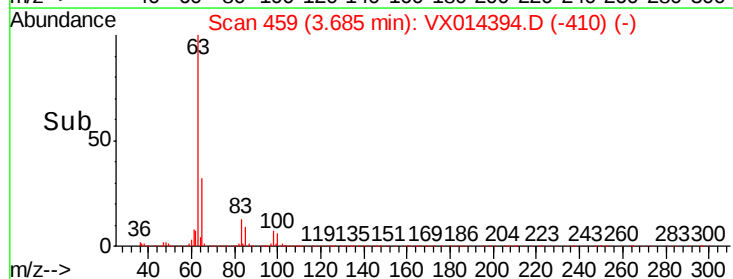
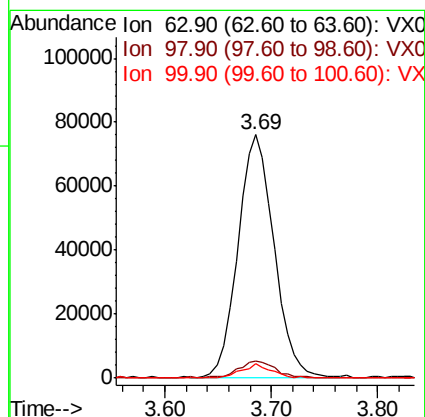
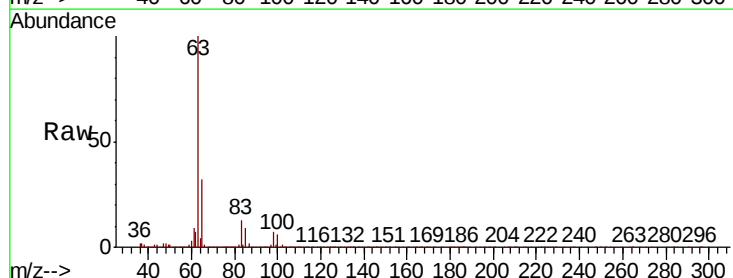
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0103WBS01

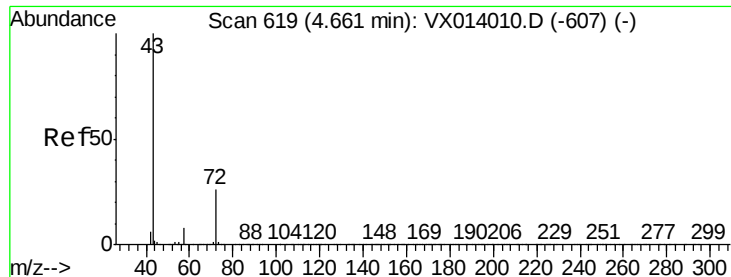
Tot Ion: 43 Resp: 1416574
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 17.841 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VX014394.D
 Acq: 03 Jan 2020 12:33

Tgt Ion: 63 Resp: 180204
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.8
 100 5.7 2.3 6.8





#25

2-Butanone

Concen: 88.757 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

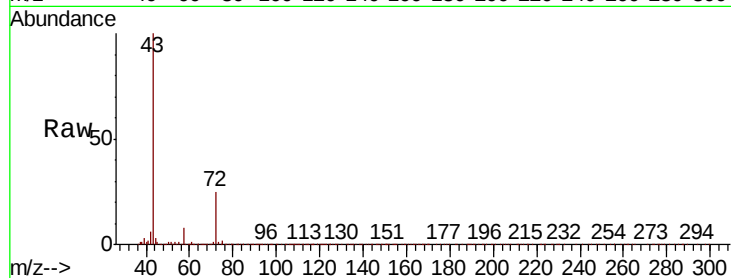
VX0103WBS01

Tot Ion: 43 Resp: 427089

Ion Ratio Lower Upper

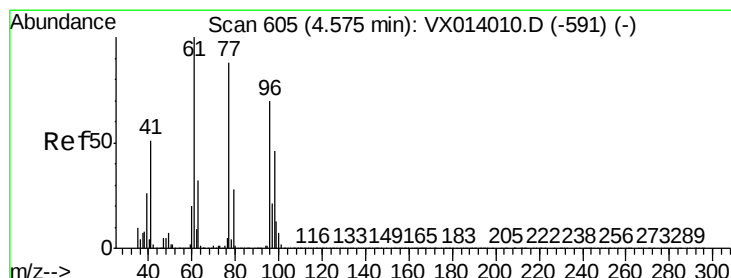
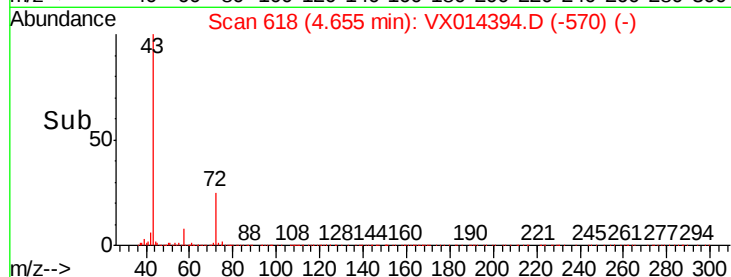
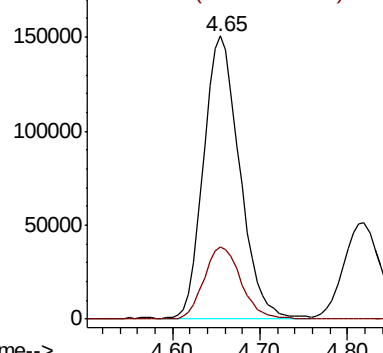
43 100

72 25.3 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.298 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014394.D

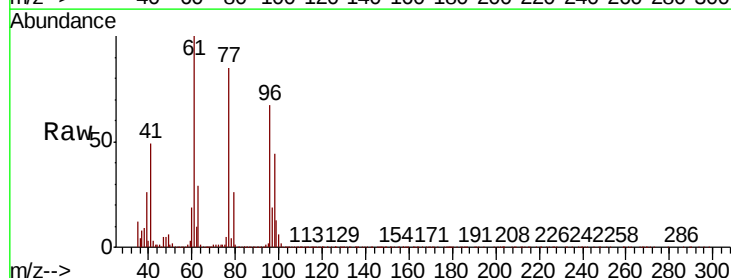
Acq: 03 Jan 2020 12:33

Tgt Ion: 77 Resp: 143494

Ion Ratio Lower Upper

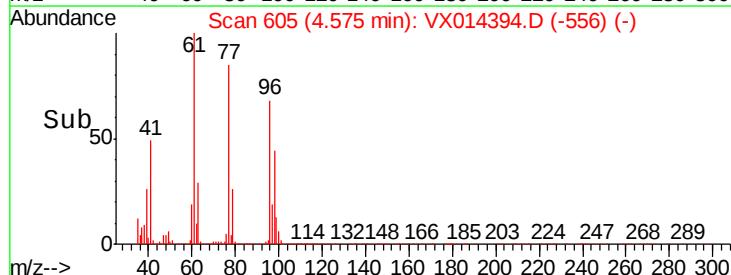
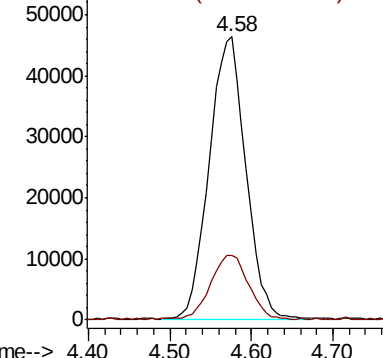
77 100

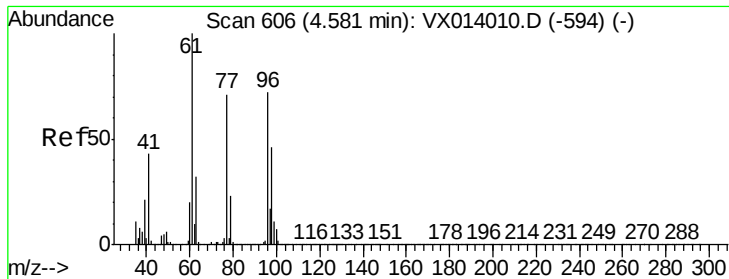
97 23.9 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



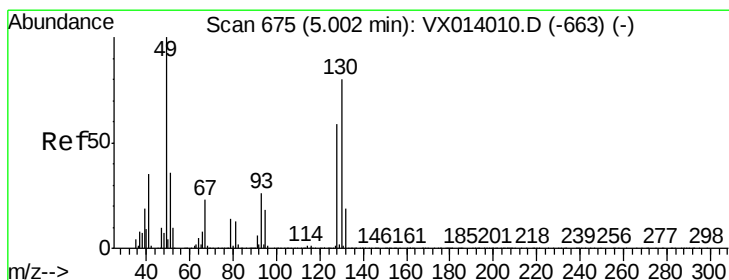
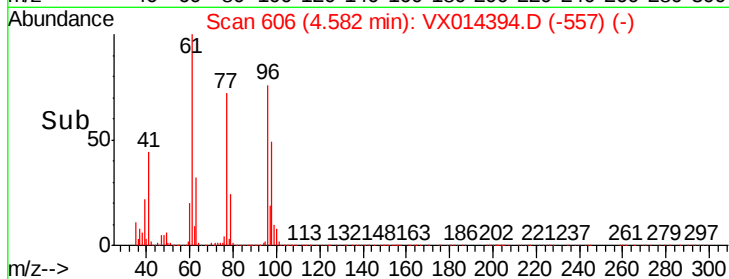
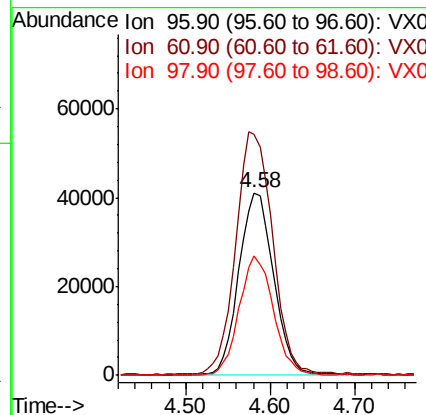
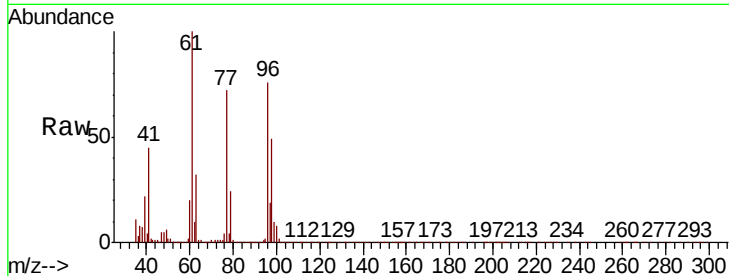


#27

cis-1,2-Dichloroethene
Concen: 17.914 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX0103WBS01

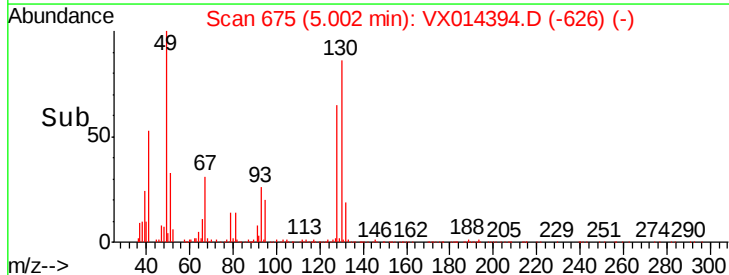
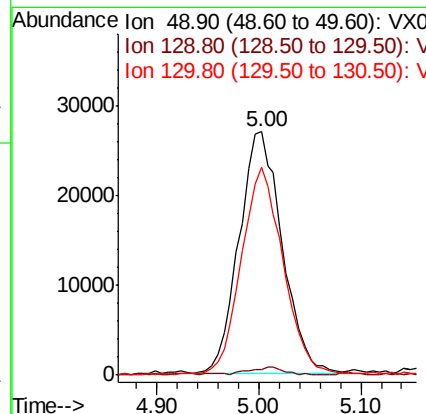
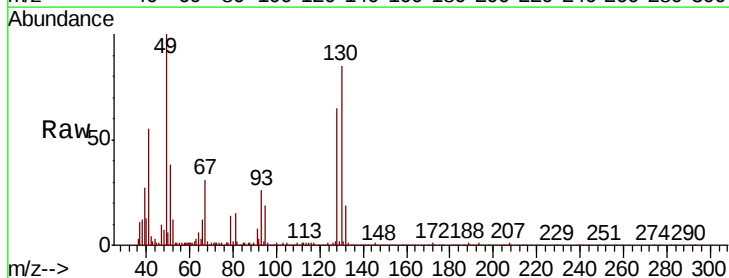
Tot Ion	Ratio	Lower	Upper
96	100		
61	141.2	0.0	288.4
98	64.5	0.0	129.6

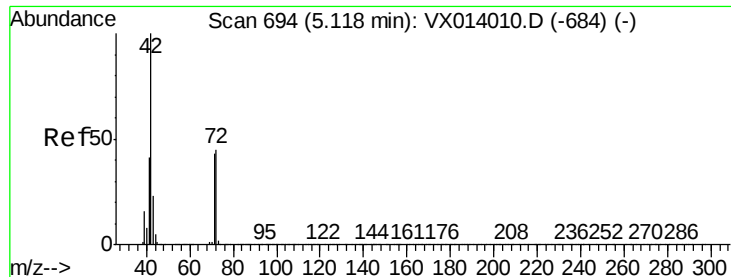


#28

Bromochloromethane
Concen: 20.602 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.0
130	83.7	64.6	97.0

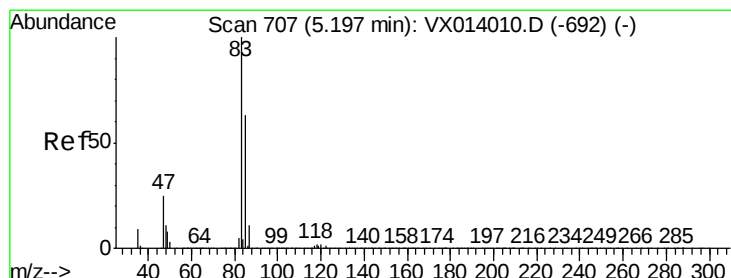
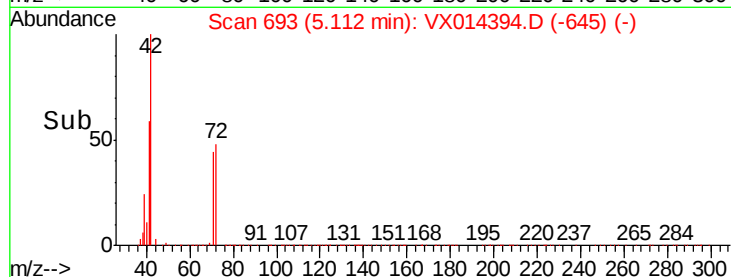
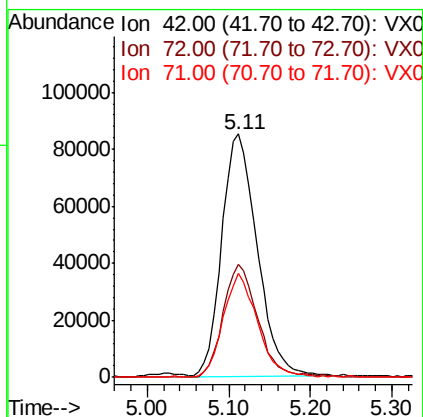
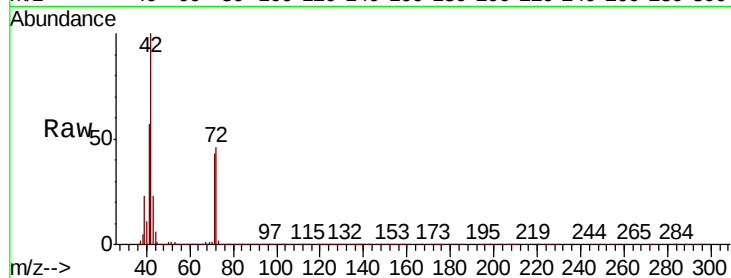




#29
Tetrahydrofuran
Concen: 94.693 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

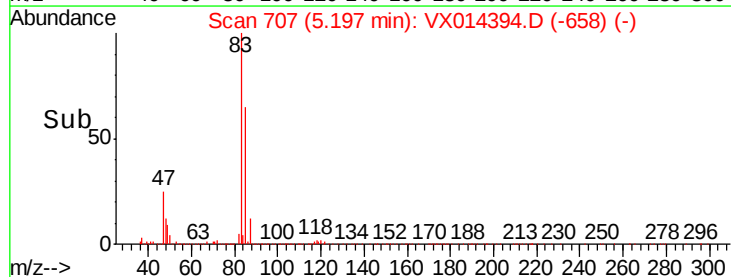
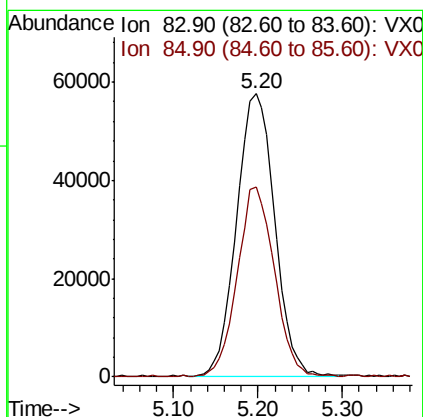
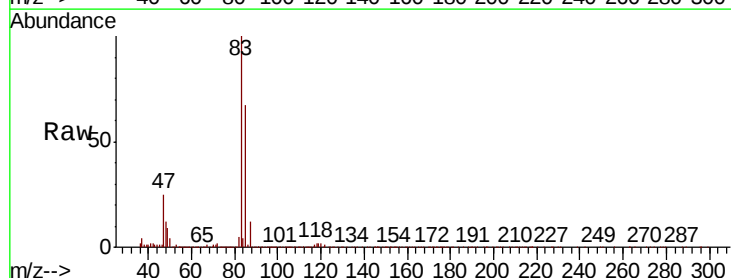
Instrument :
MSVOA_X
ClientSampled :
VX0103WBS01

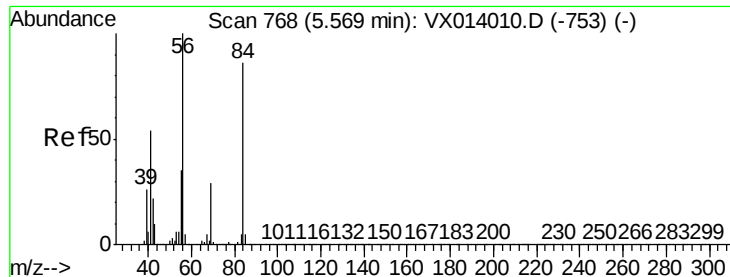
Tot Ion: 42 Resp: 254860
Ion Ratio Lower Upper
42 100
72 45.6 35.8 53.8
71 41.8 33.6 50.4



#30
Chloroform
Concen: 18.464 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

Tgt Ion: 83 Resp: 176796
Ion Ratio Lower Upper
83 100
85 67.4 50.8 76.2

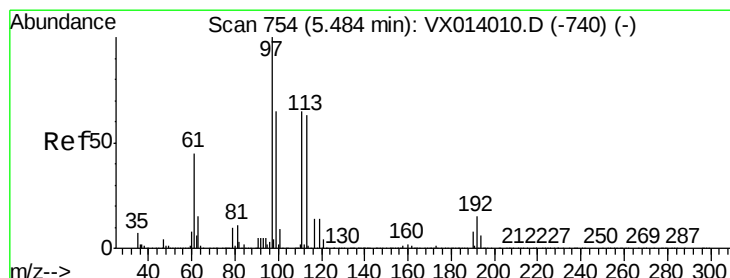
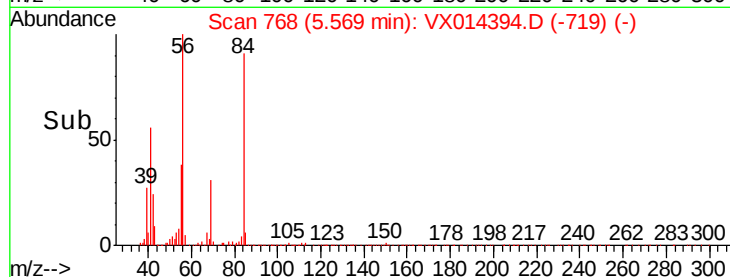
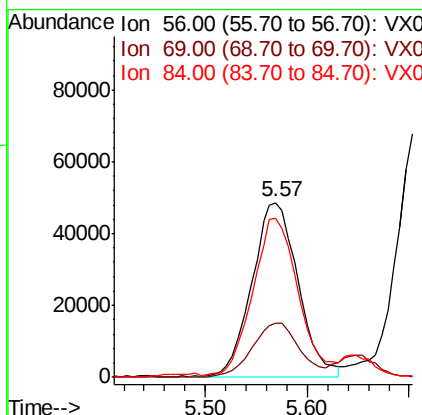
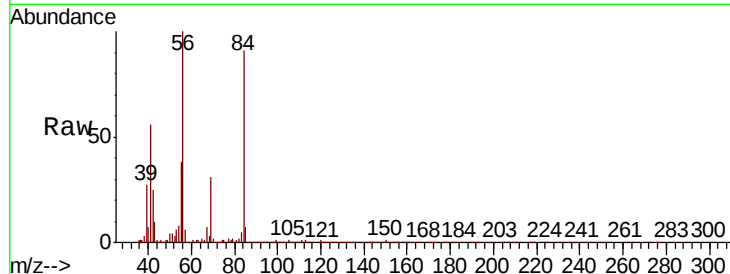




#31
Cyclohexane
Concen: 16.931 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

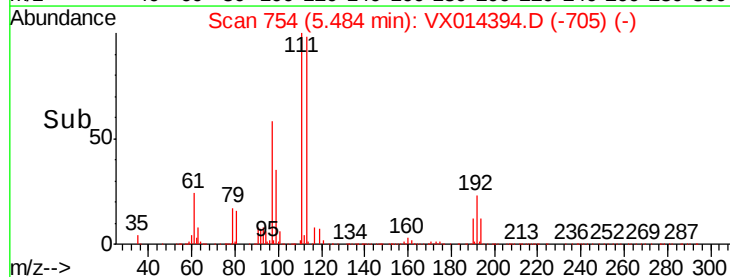
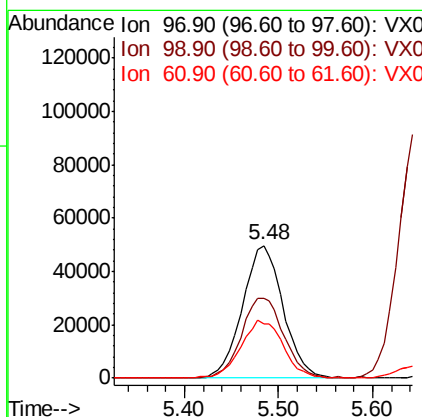
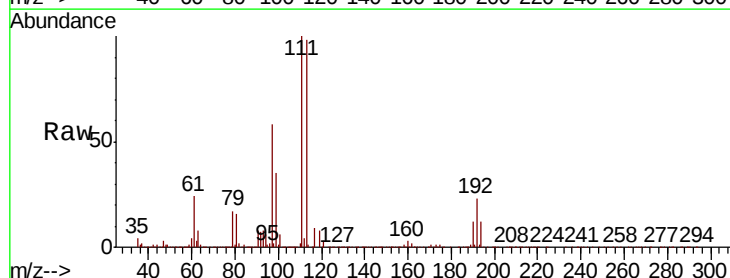
Instrument :
MSVOA_X
ClientSampleId :
VX0103WBS01

Tot Ion: 56 Resp: 152096
Ion Ratio Lower Upper
56 100
69 31.0 23.2 34.8
84 89.4 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 18.268 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

Tgt Ion: 97 Resp: 149075
Ion Ratio Lower Upper
97 100
99 62.7 52.0 78.0
61 44.3 36.7 55.1





#33

1,2-Dichloroethane-d4

Concen: 48.163 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

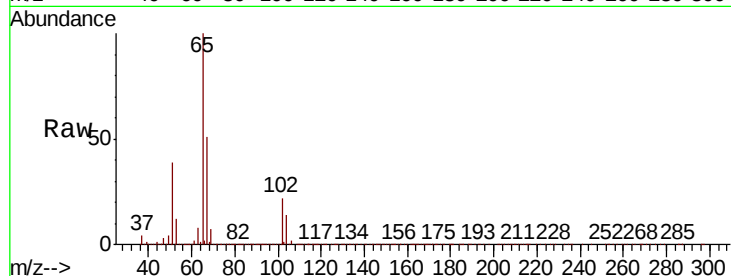
VX0103WBS01

Tot Ion: 65 Resp: 289547

Ion Ratio Lower Upper

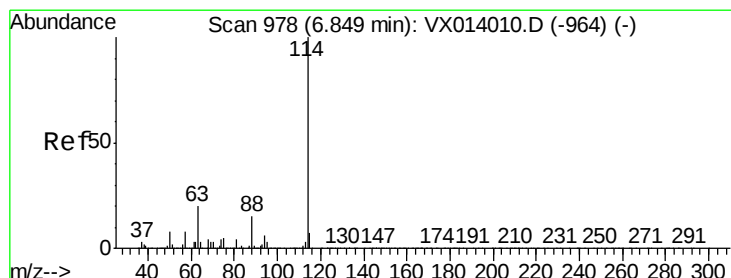
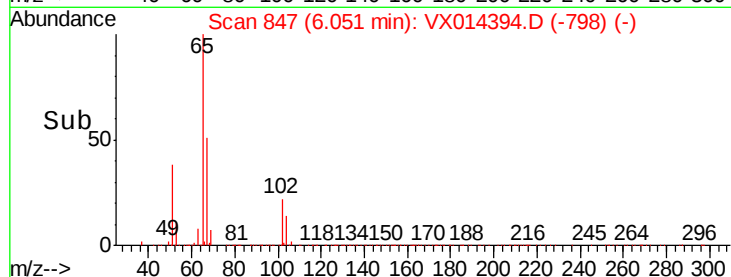
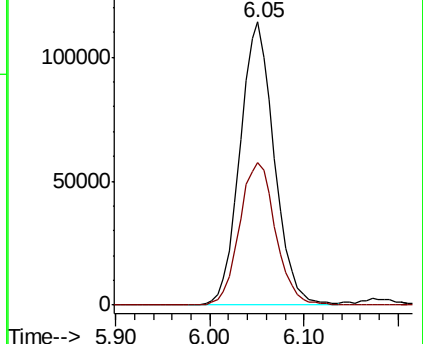
65 100

67 52.6 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

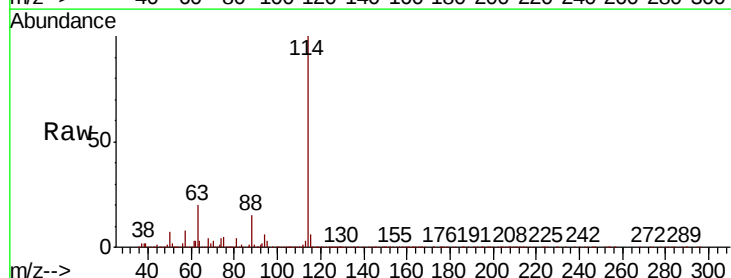
Tgt Ion: 114 Resp: 785978

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.8

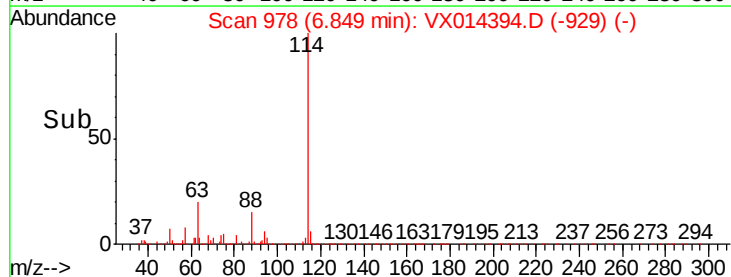
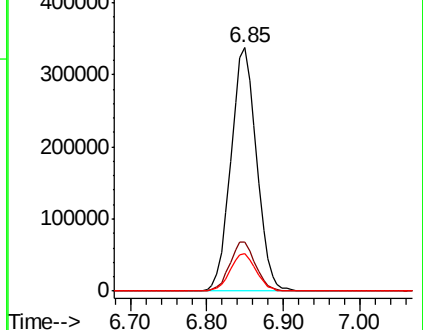
88 15.5 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.563 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX0103WBS01

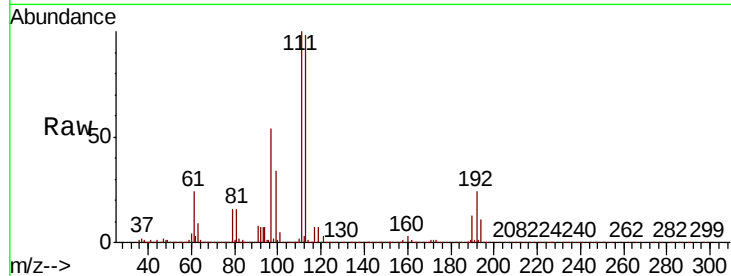
Tot Ion:113 Resp: 241586

Ion Ratio Lower Upper

113 100

111 102.8 82.0 123.0

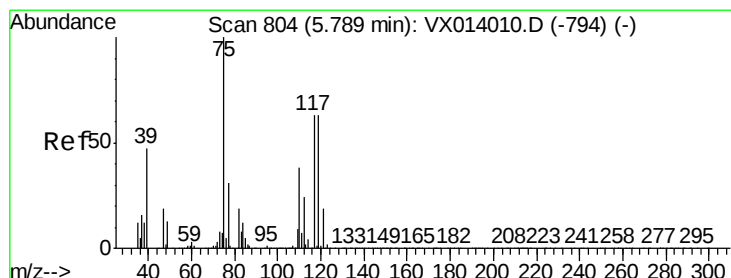
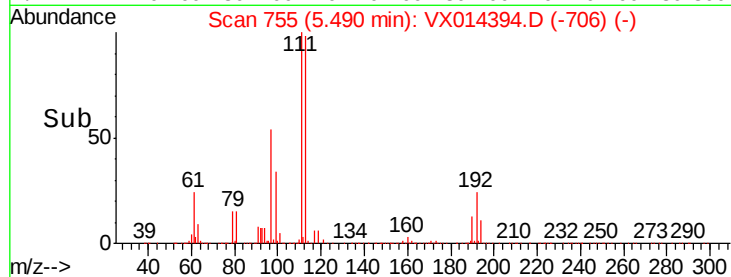
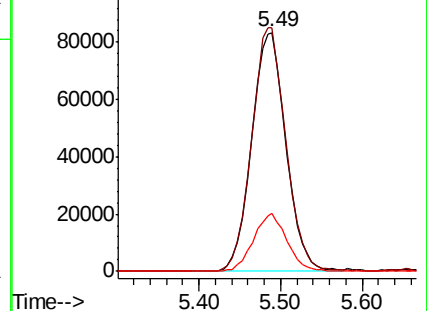
192 23.8 19.3 28.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.919 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

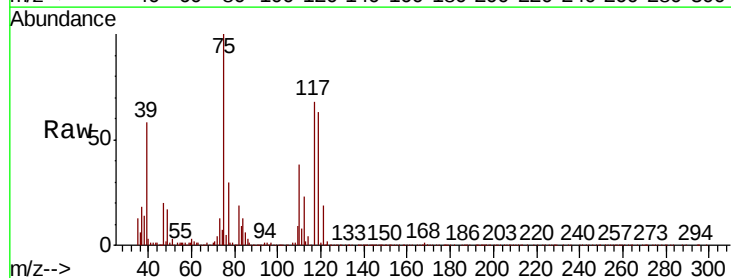
Tgt Ion: 75 Resp: 129229

Ion Ratio Lower Upper

75 100

110 37.0 18.3 54.9

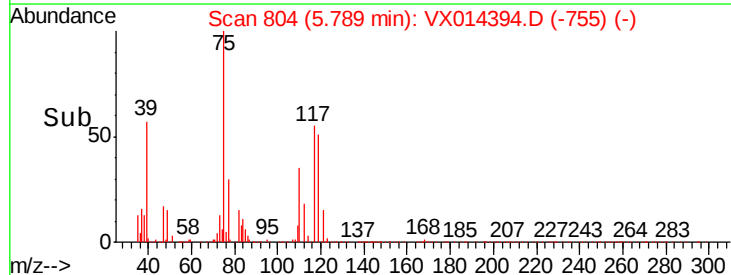
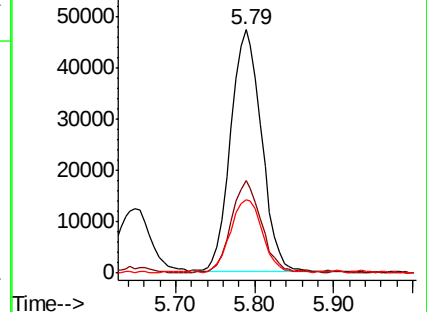
77 31.0 24.8 37.2

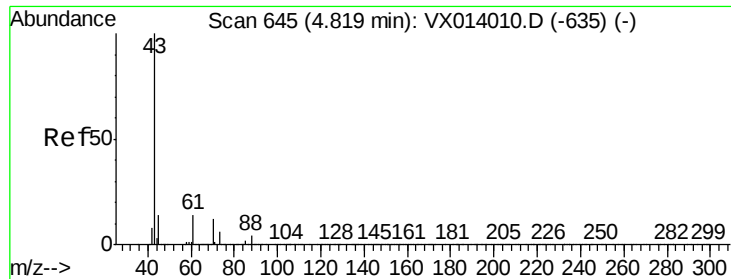


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

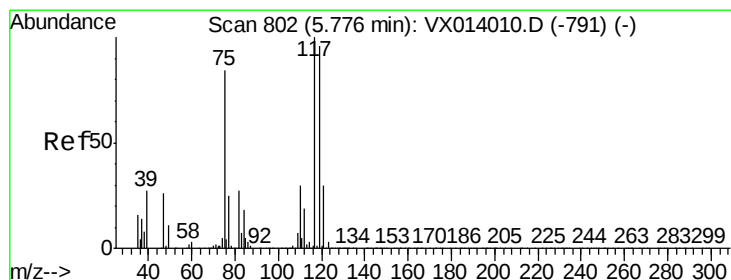
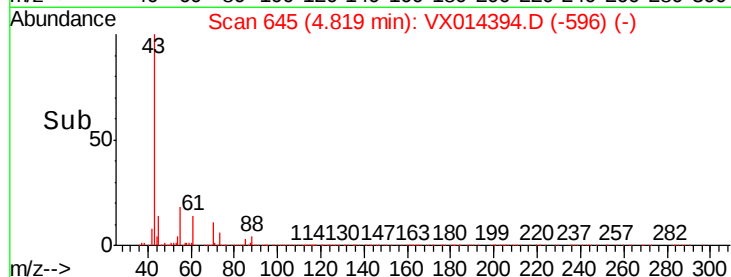
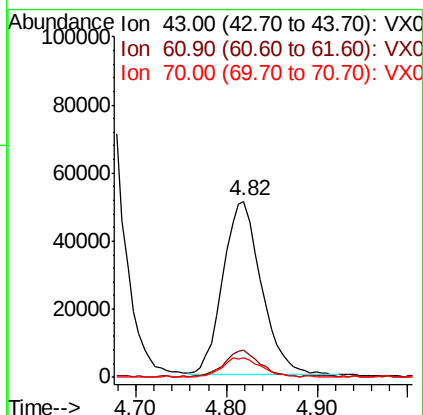
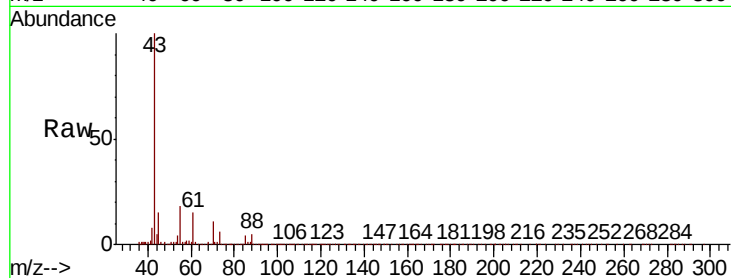




#37
Ethyl Acetate
Concen: 18.890 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

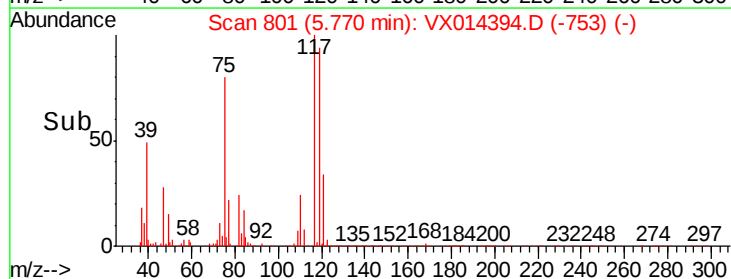
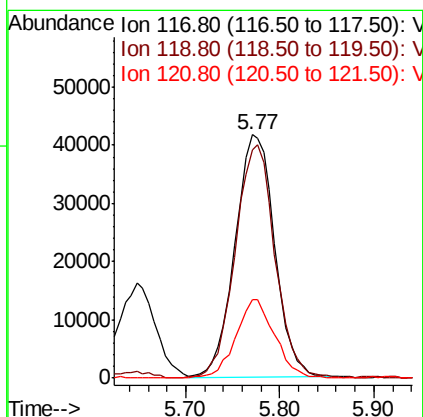
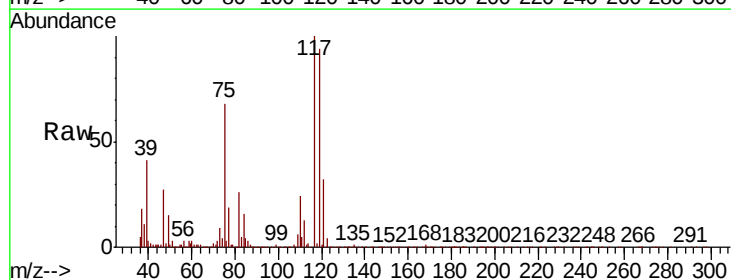
Instrument :
MSVOA_X
ClientSampleId :
VX0103WBS01

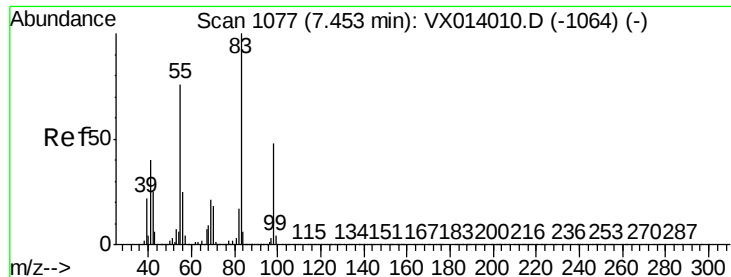
Tot Ion: 43 Resp: 150435
Ion Ratio Lower Upper
43 100
61 13.8 10.8 16.2
70 11.9 8.6 12.8



#38
Carbon Tetrachloride
Concen: 18.684 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

Tgt Ion: 117 Resp: 122749
Ion Ratio Lower Upper
117 100
119 93.8 76.2 114.4
121 32.1 23.6 35.4

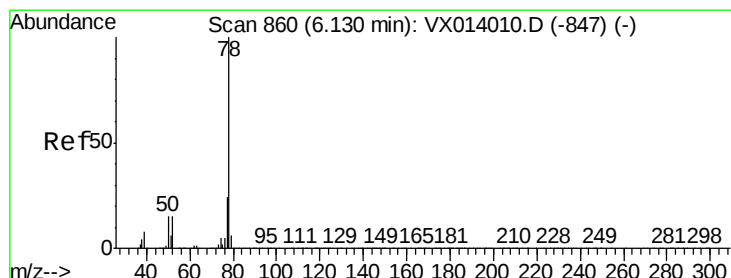
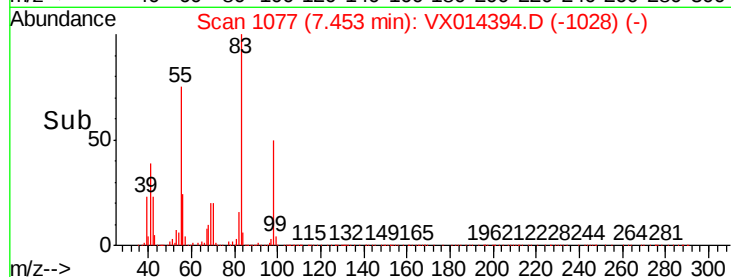
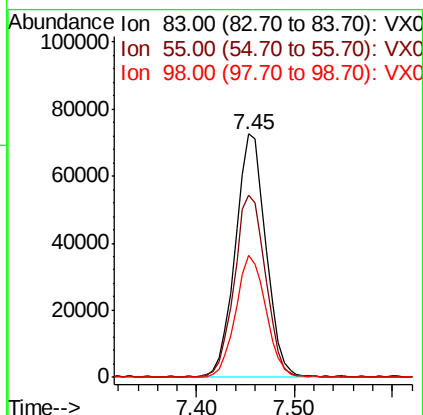
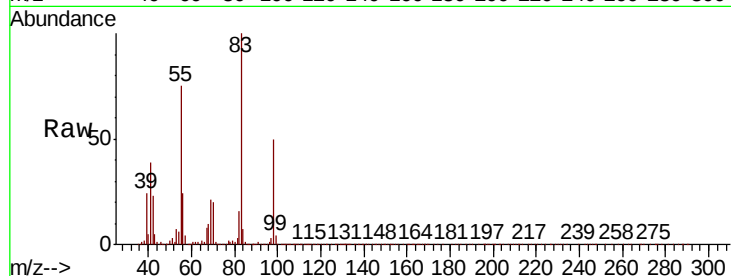




#39
Methvlcvclohexane
Concen: 17.688 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

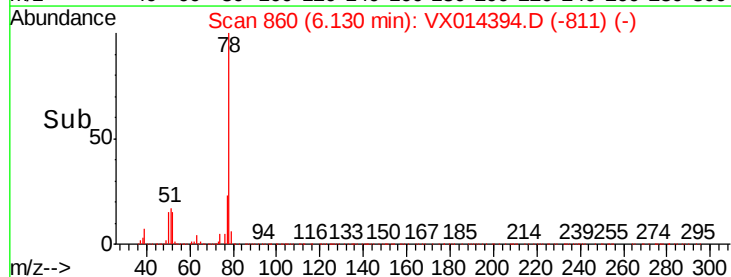
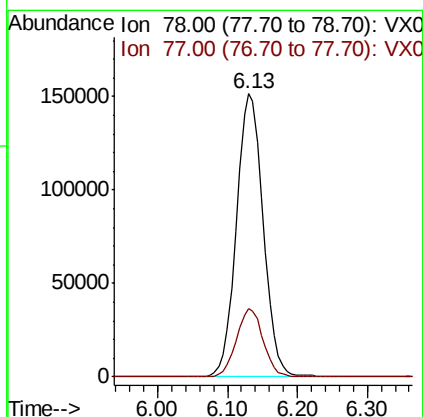
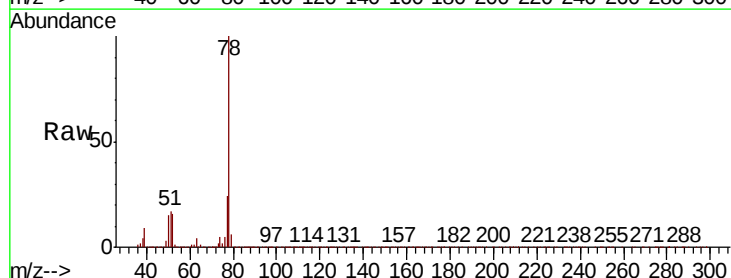
Instrument :
MSVOA_X
ClientSampleId :
VX0103WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.4	61.0	91.6
98	50.4	38.6	57.8



#40
Benzene
Concen: 18.076 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.8	28.2





#41

Methacrylonitrile

Concen: 19.048 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX0103WBS01

Tot Ion: 41 Resp: 84168

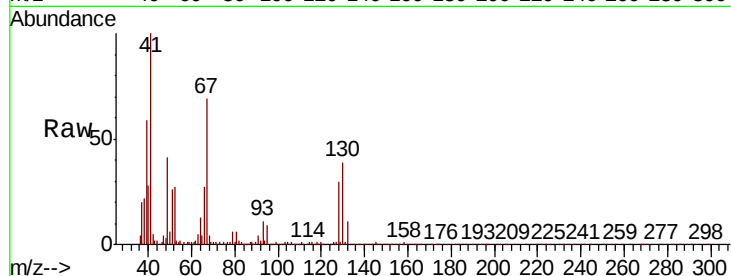
Ion Ratio Lower Upper

41 100

39 55.0 44.5 66.7

67 74.9 57.4 86.0

52 27.8 23.0 34.4

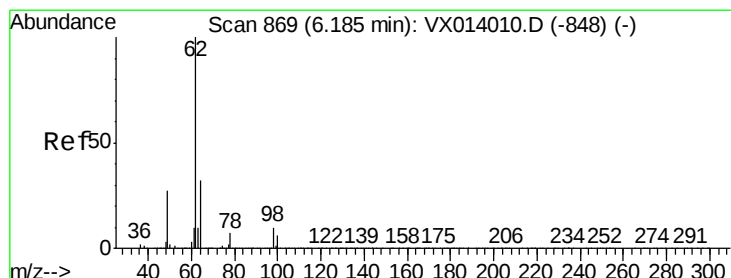
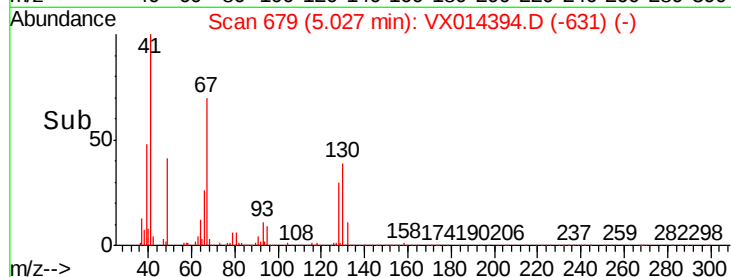
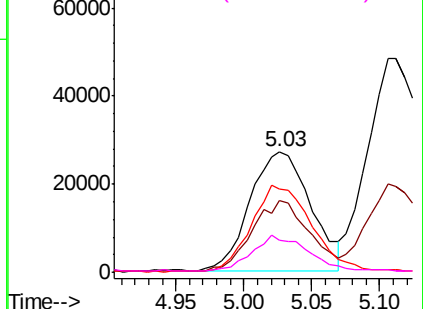


Abundance Ion 41.00 (40.70 to 41.70): VX0

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



#42

1,2-Dichloroethane

Concen: 18.372 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX014394.D

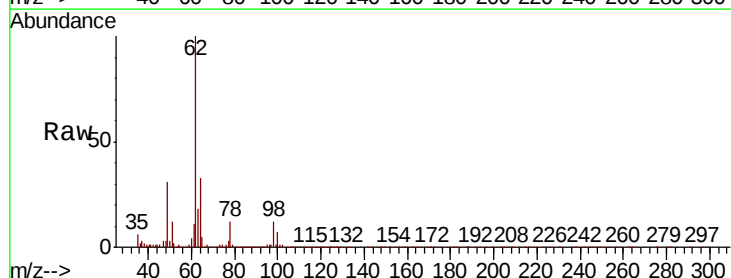
Acq: 03 Jan 2020 12:33

Tgt Ion: 62 Resp: 138191

Ion Ratio Lower Upper

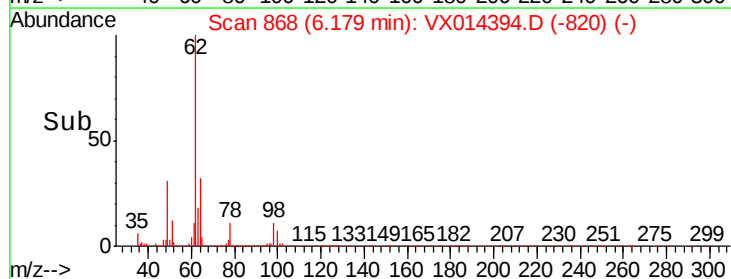
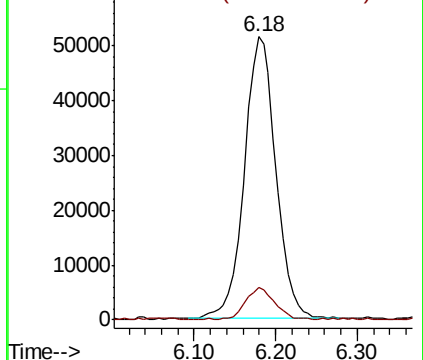
62 100

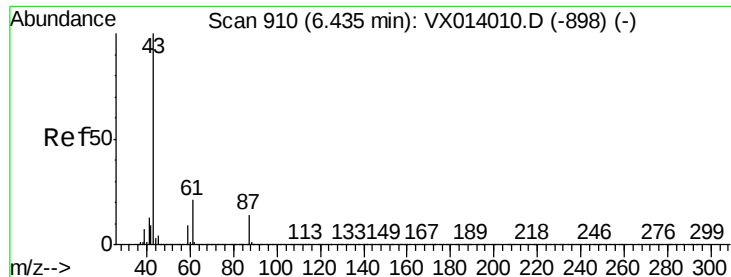
98 10.7 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



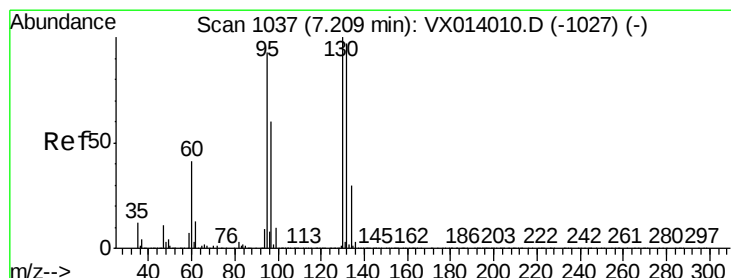
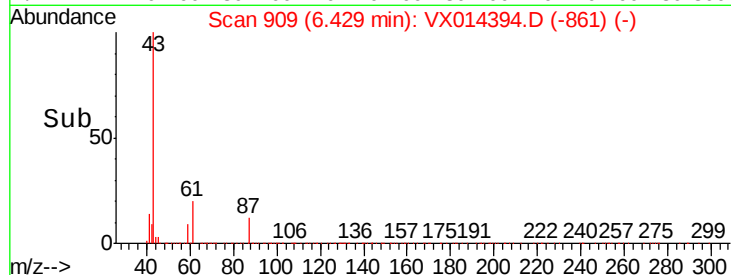
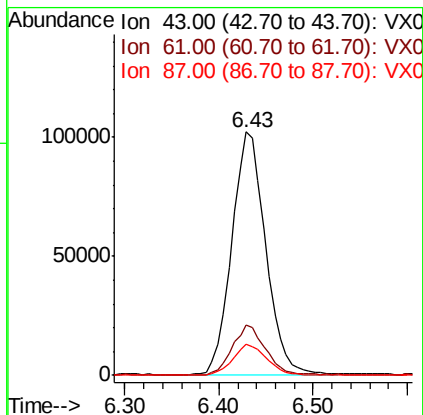
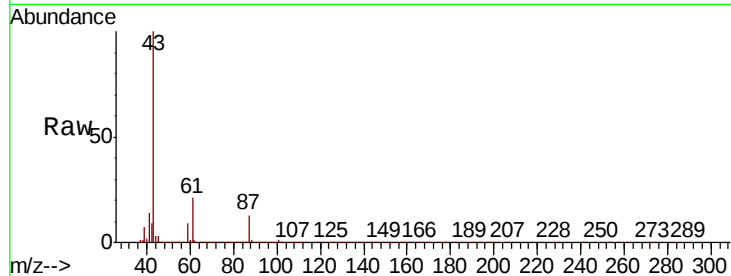


#43

Isopropyl Acetate
 Concen: 19.300 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014394.D
 Acq: 03 Jan 2020 12:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0103WBS01

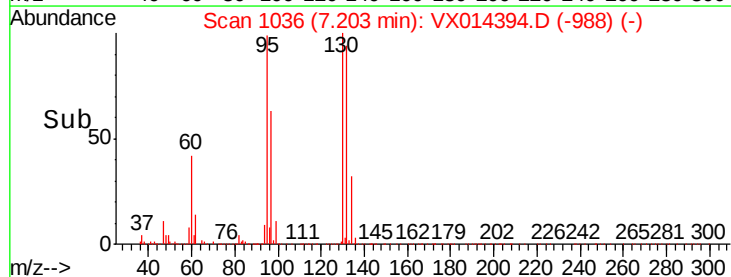
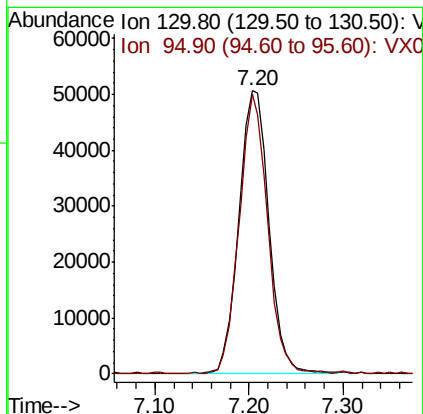
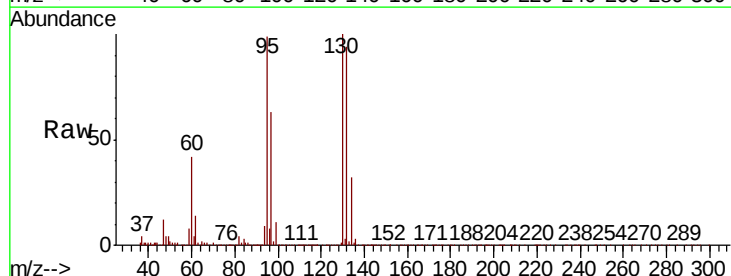
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.4	24.6
87	12.5	10.7	16.1



#44

Trichloroethene
 Concen: 18.373 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014394.D
 Acq: 03 Jan 2020 12:33

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.7	0.0	185.6

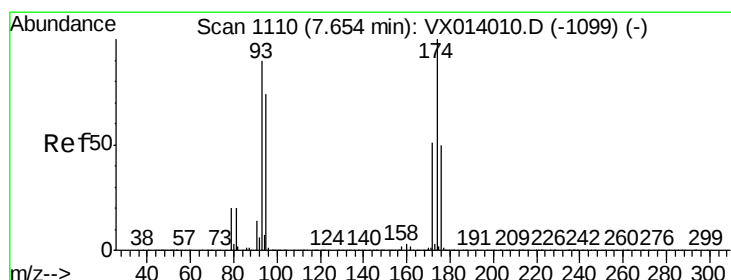
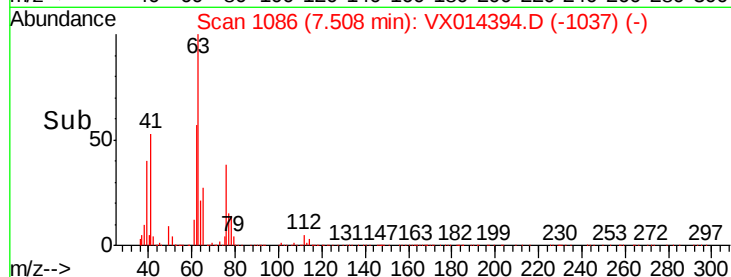
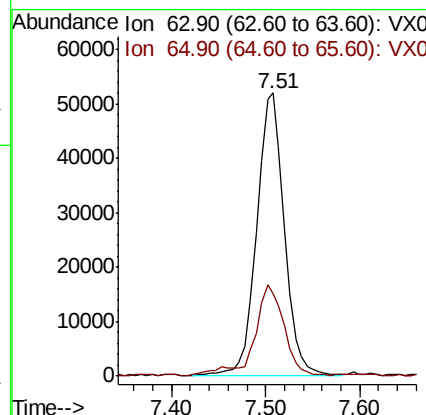
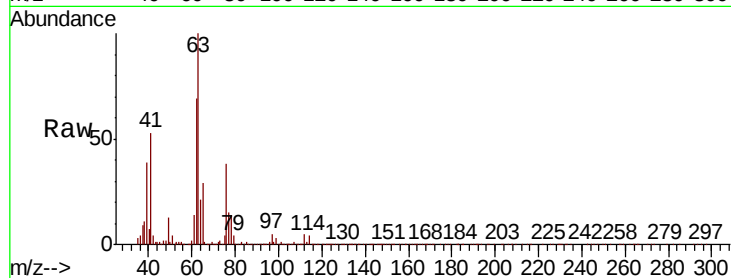




#45
 1,2-Dichloropropane
 Concen: 18.695 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014394.D
 Acq: 03 Jan 2020 12:33

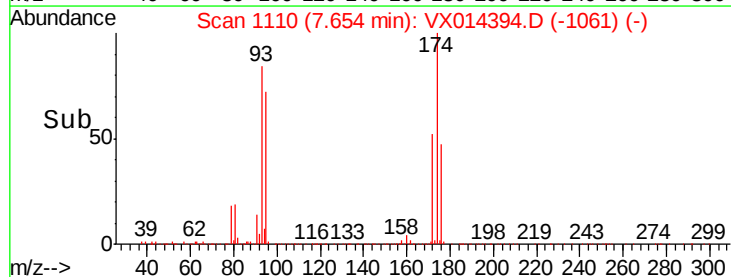
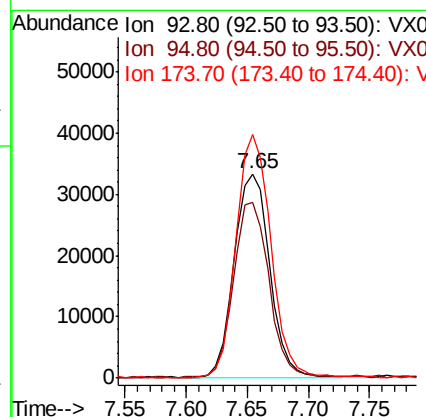
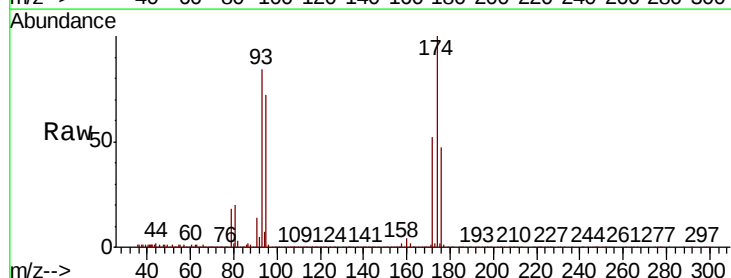
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0103WBS01

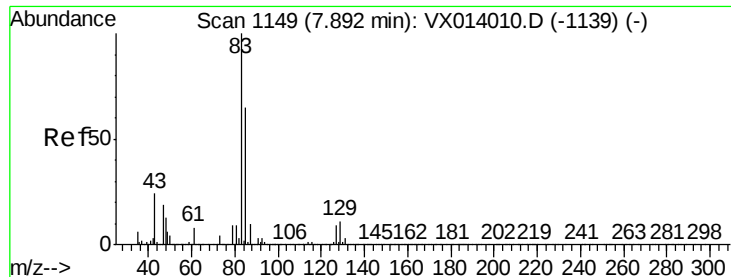
Tot Ion: 63 Resp: 106325
 Ion Ratio Lower Upper
 63 100
 65 28.7 25.8 38.8



#46
 Dibromomethane
 Concen: 17.863 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014394.D
 Acq: 03 Jan 2020 12:33

Tgt Ion: 93 Resp: 67171
 Ion Ratio Lower Upper
 93 100
 95 85.5 67.3 100.9
 174 117.8 91.6 137.4





#47

Bromodichloromethane

Concen: 18.856 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX0103WBS01

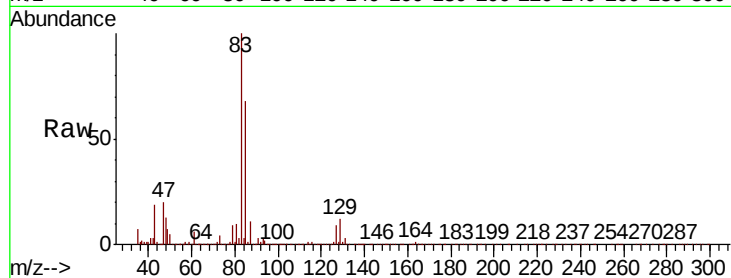
Tot Ion: 83 Resp: 133535

Ion Ratio Lower Upper

83 100

85 68.0 51.8 77.8

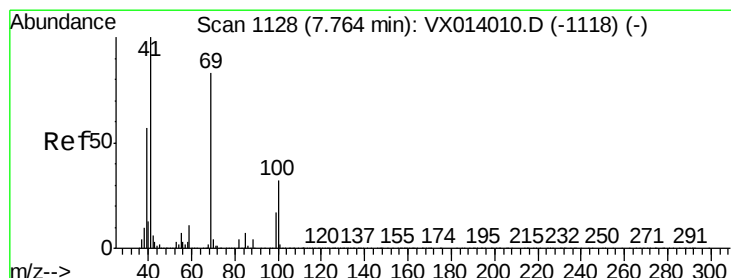
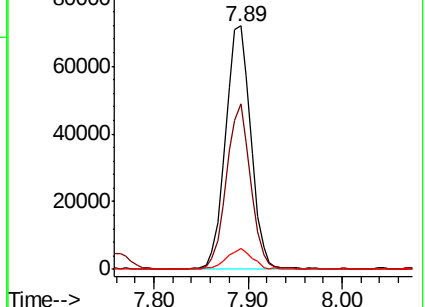
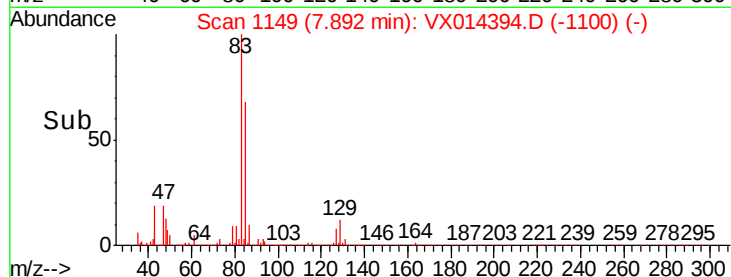
127 8.6 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.846 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

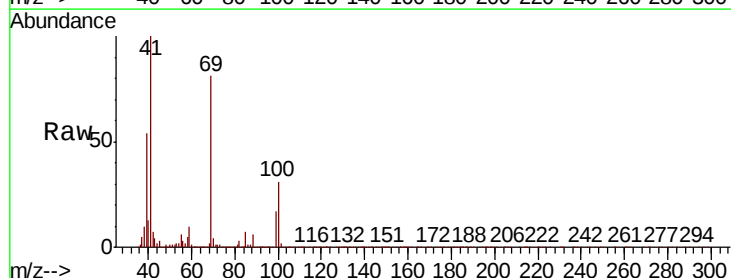
Tgt Ion: 41 Resp: 121630

Ion Ratio Lower Upper

41 100

69 83.0 65.8 98.6

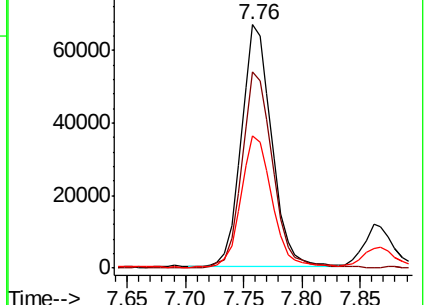
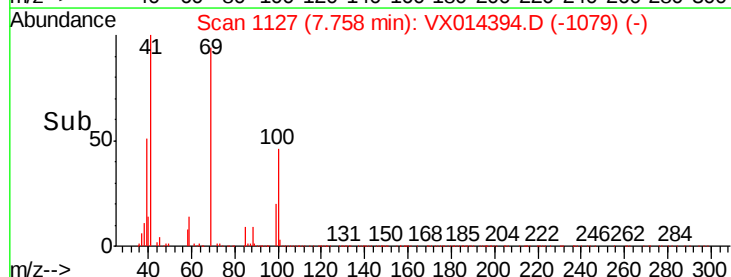
39 55.2 44.6 67.0

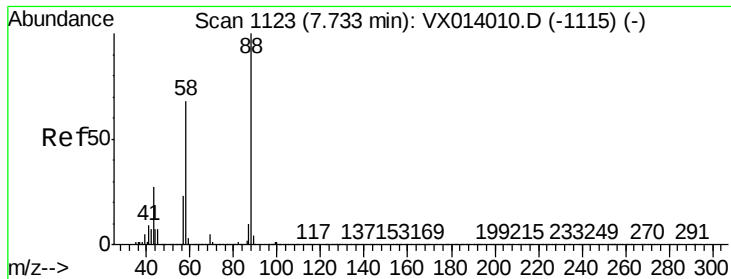


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 426.669 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX0103WBS01

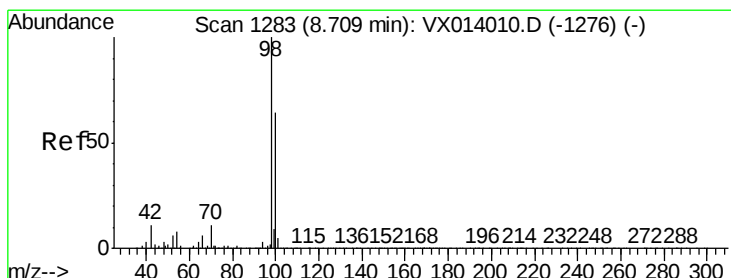
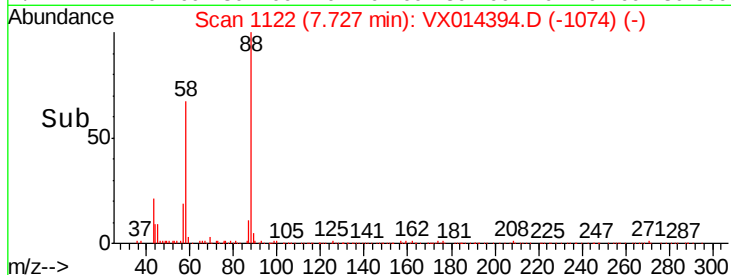
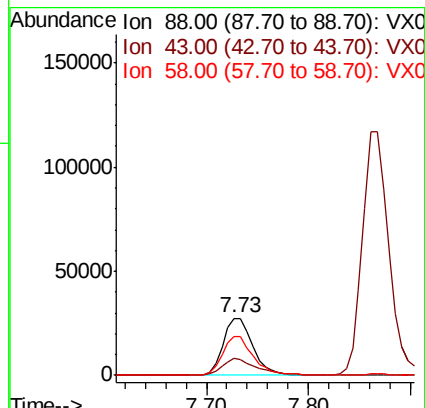
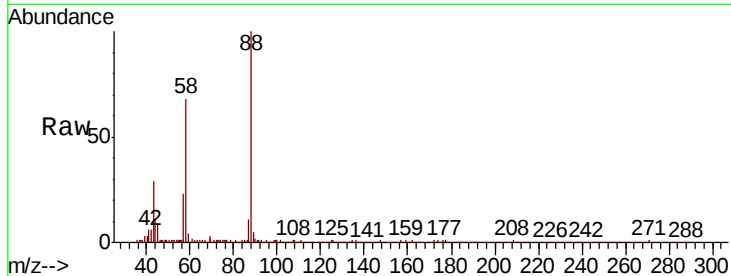
Tot Ion: 88 Resp: 56037

Ion Ratio Lower Upper

88 100

43 31.9 26.5 39.7

58 68.8 56.8 85.2



#50

Toluene-d8

Concen: 50.236 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014394.D

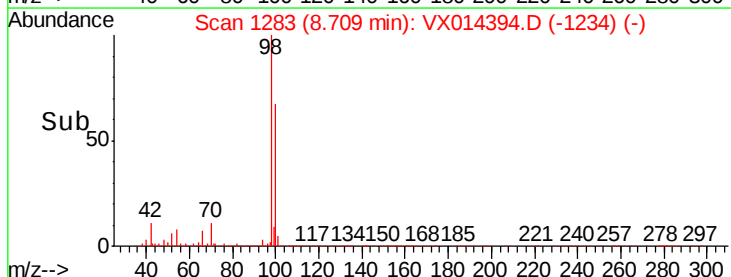
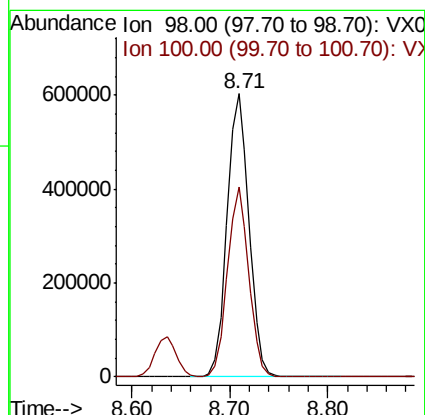
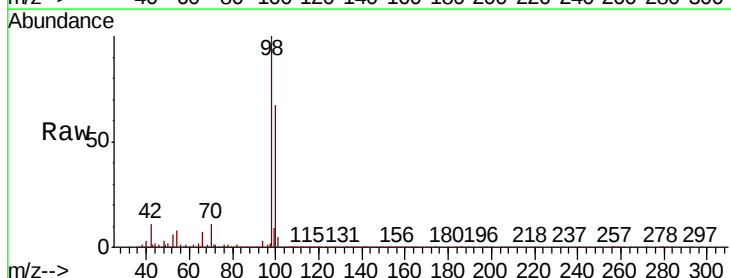
Acq: 03 Jan 2020 12:33

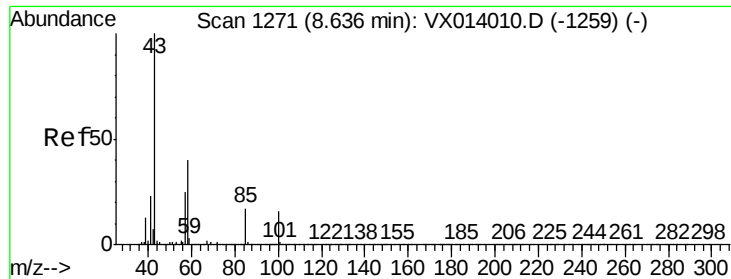
Tgt Ion: 98 Resp: 934458

Ion Ratio Lower Upper

98 100

100 65.1 52.9 79.3

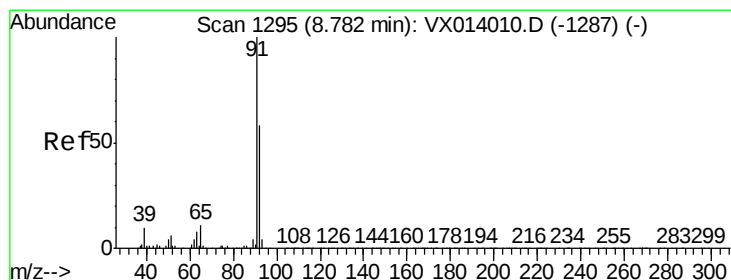
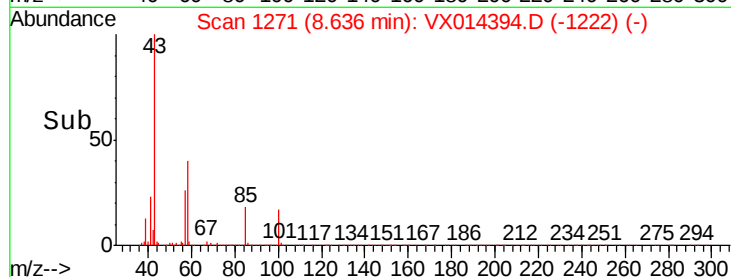
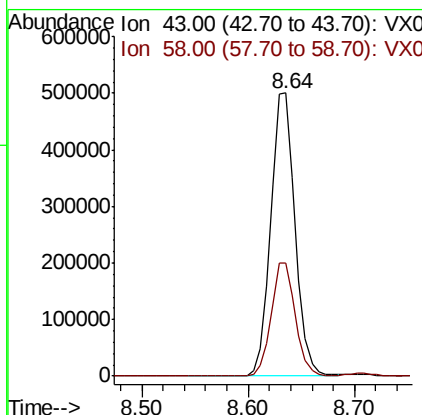
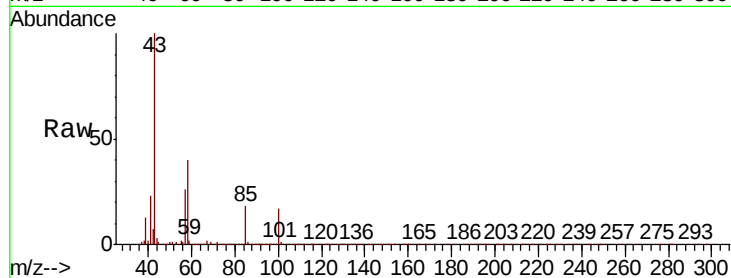




#51
 4-Methyl-2-Pentanone
 Concen: 96.403 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VX014394.D
 Acq: 03 Jan 2020 12:33

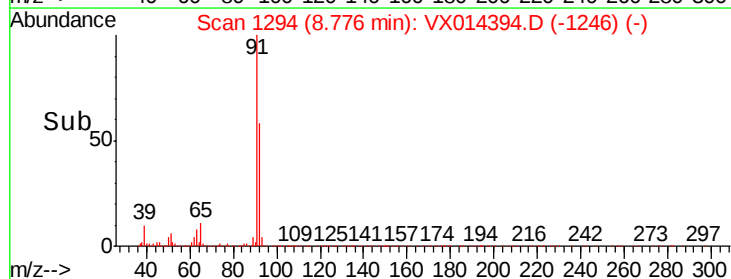
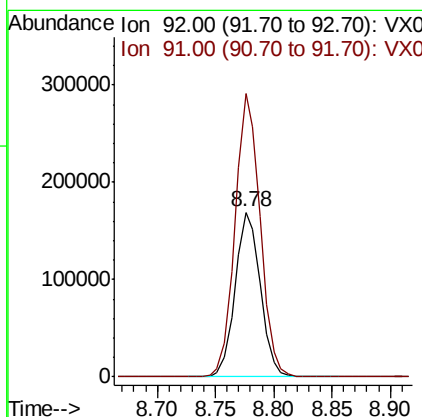
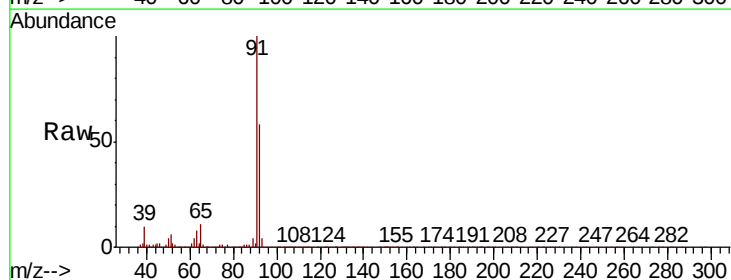
Instrument :
 MSVOA_X
 ClientSampled :
 VX0103WBS01

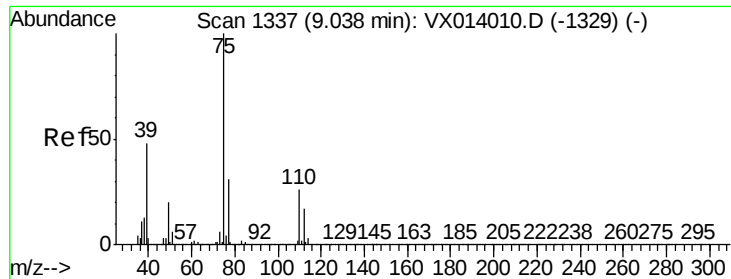
Tot Ion: 43 Resp: 797939
 Ion Ratio Lower Upper
 43 100
 58 39.7 32.2 48.2



#52
 Toluene
 Concen: 18.139 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: VX014394.D
 Acq: 03 Jan 2020 12:33

Tgt Ion: 92 Resp: 254406
 Ion Ratio Lower Upper
 92 100
 91 171.4 136.2 204.4





#53

t-1,3-Dichloropropene

Concen: 19.189 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

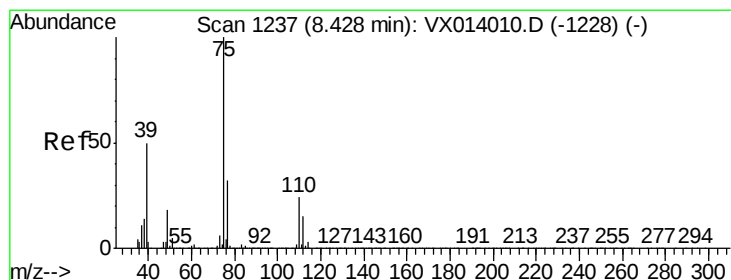
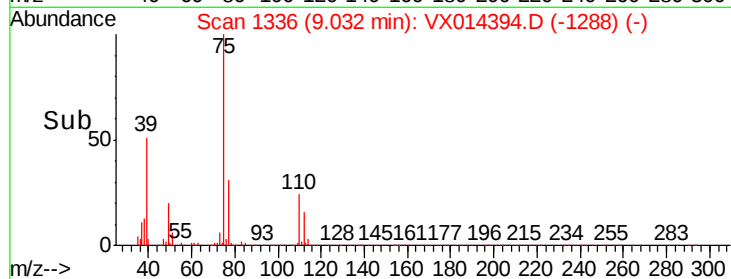
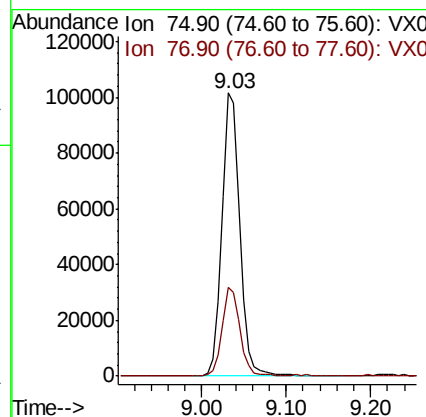
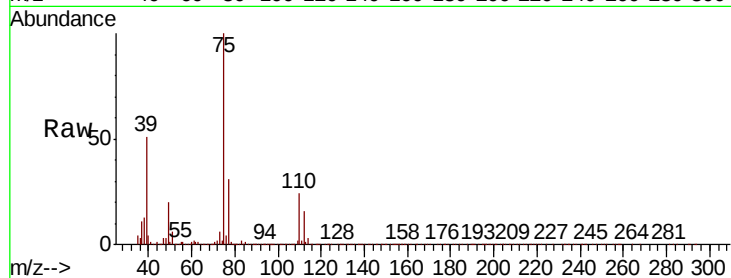
VX0103WBS01

Tot Ion: 75 Resp: 149013

Ion Ratio Lower Upper

75 100

77 31.0 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 19.180 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

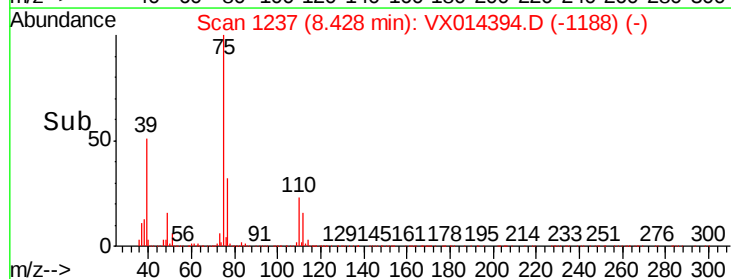
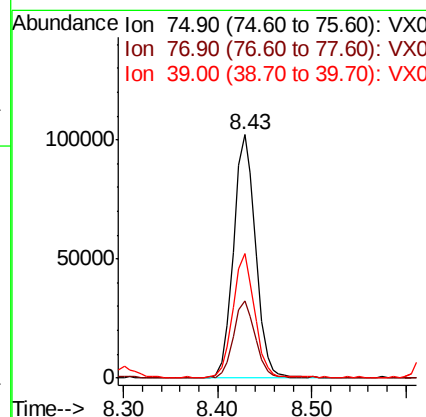
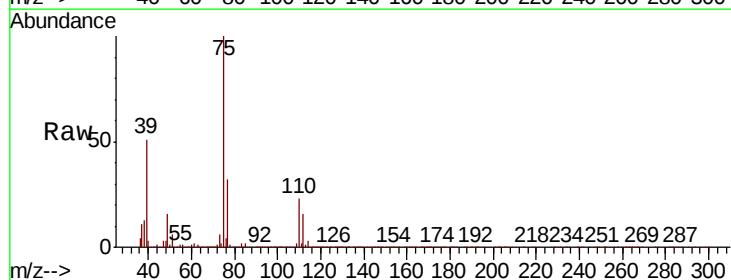
Tgt Ion: 75 Resp: 165930

Ion Ratio Lower Upper

75 100

77 31.8 25.3 37.9

39 50.9 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 19.161 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX0103WBS01

Tot Ion: 97 Resp: 107707

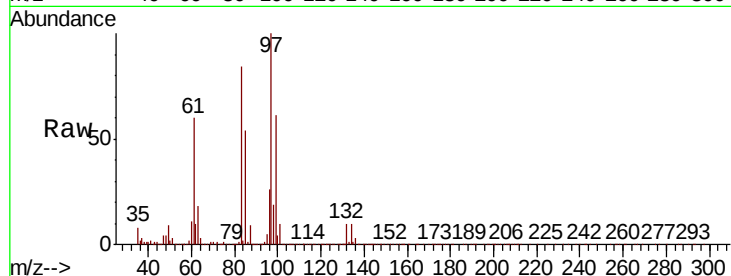
Ion Ratio Lower Upper

97 100

83 84.4 68.2 102.4

85 53.8 44.6 66.8

99 60.5 51.4 77.0

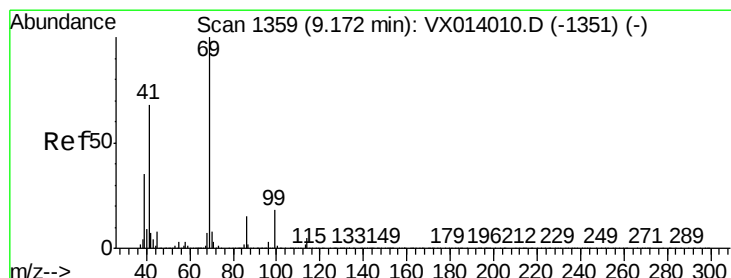
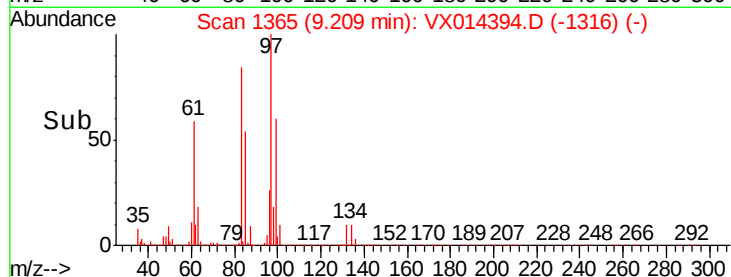
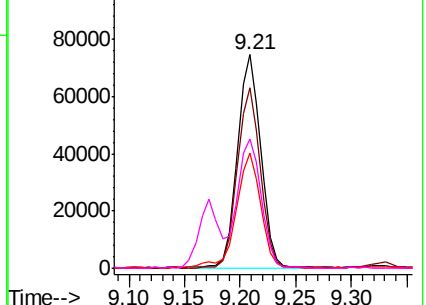


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 18.495 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

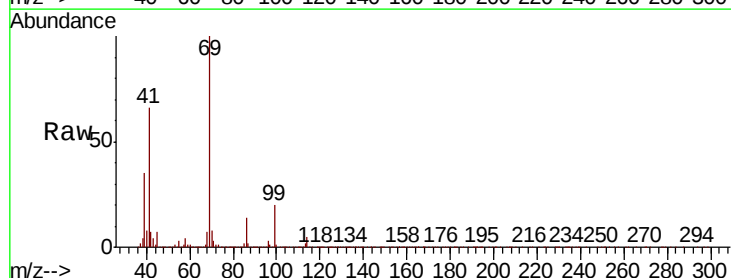
Tgt Ion: 69 Resp: 163310

Ion Ratio Lower Upper

69 100

41 67.9 54.8 82.2

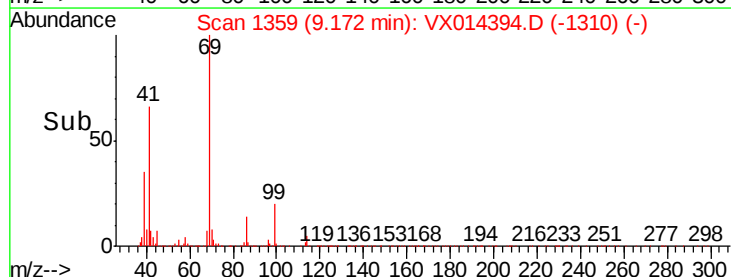
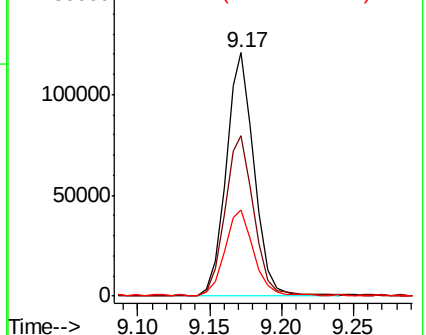
39 36.3 28.3 42.5

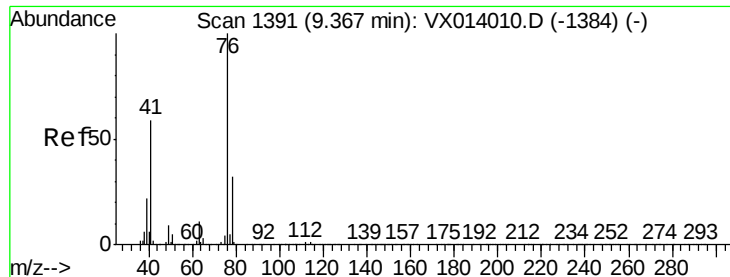


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 18.957 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

Instrument :

MSVOA_X

ClientSampled :

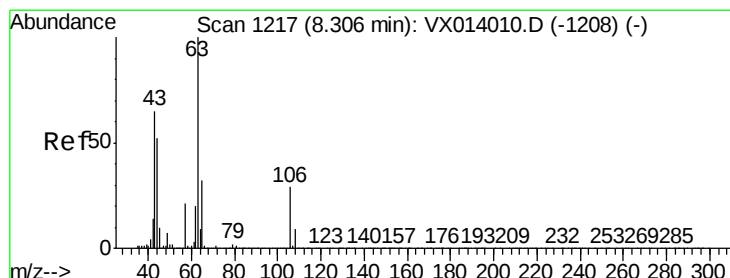
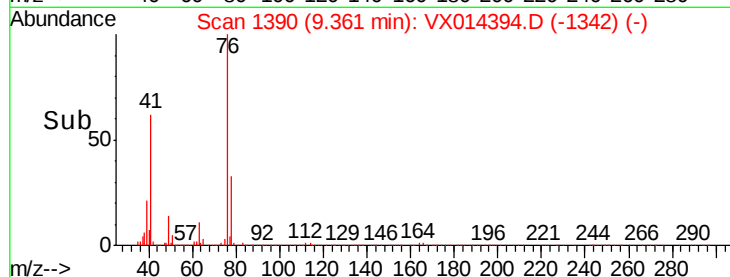
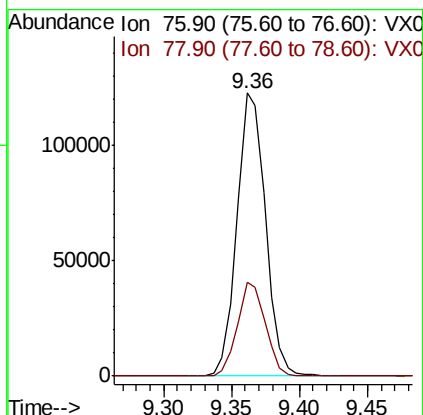
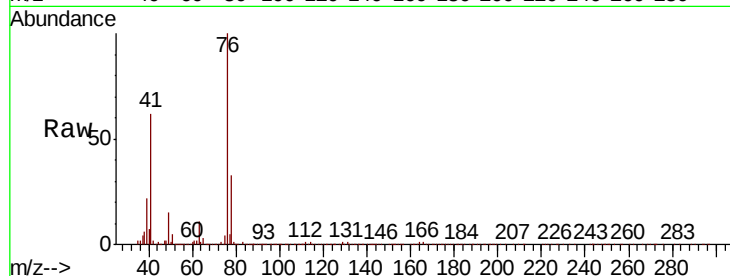
VX0103WBS01

Tot Ion: 76 Resp: 179289

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 98.958 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014394.D

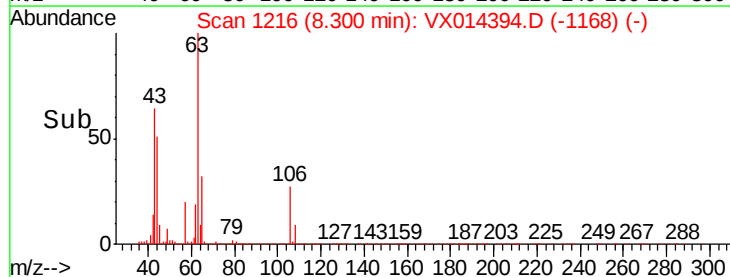
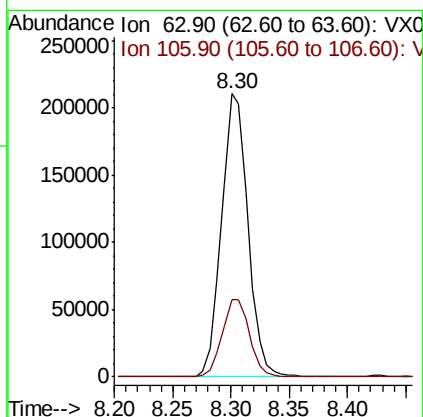
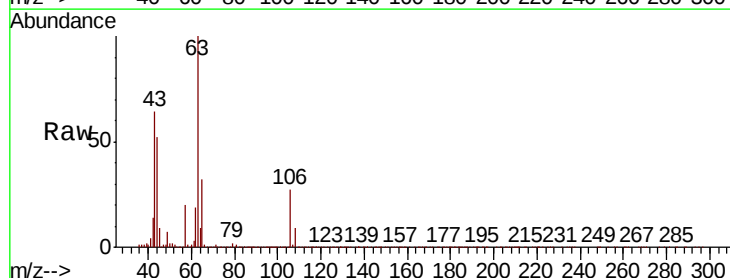
Acq: 03 Jan 2020 12:33

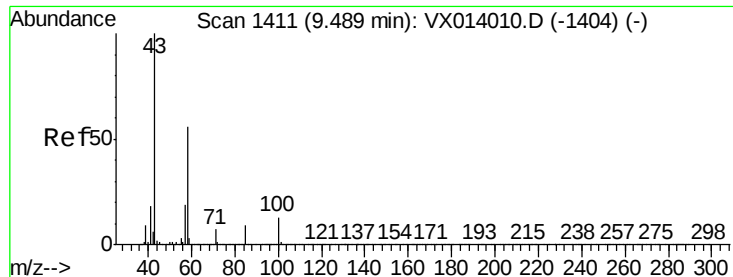
Tgt Ion: 63 Resp: 330682

Ion Ratio Lower Upper

63 100

106 28.3 23.0 34.6

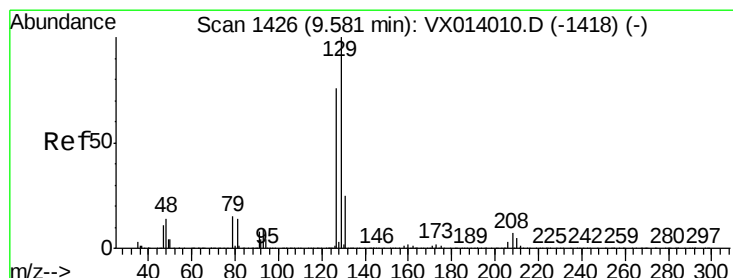
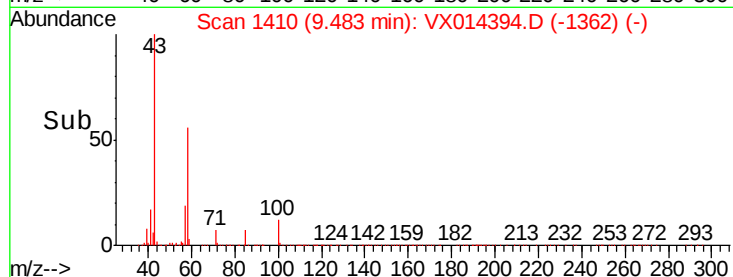
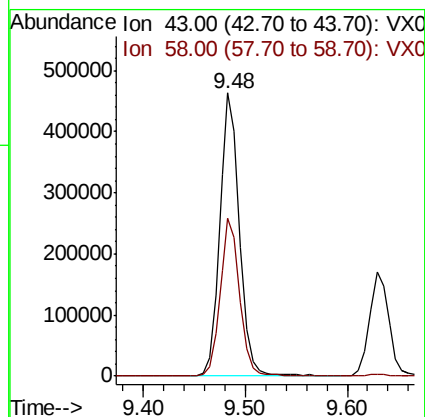
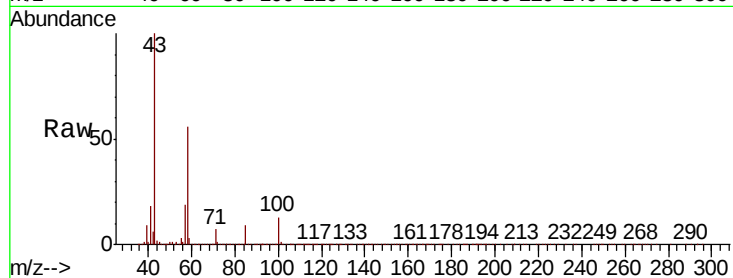




#59
2-Hexanone
Concen: 93.453 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

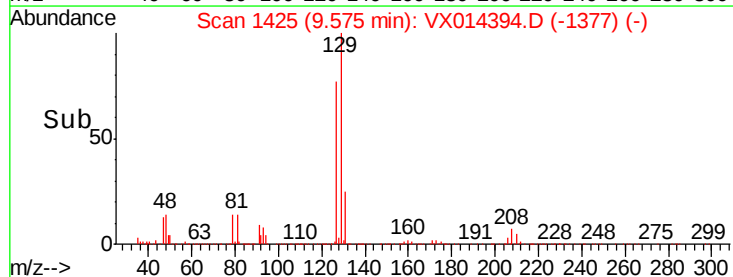
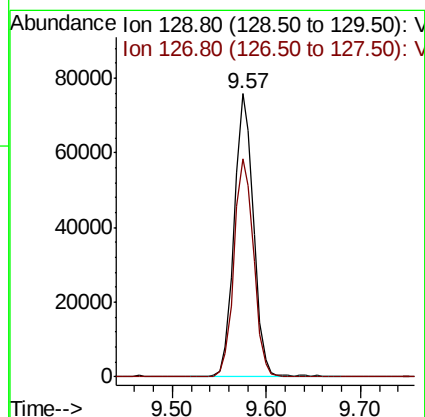
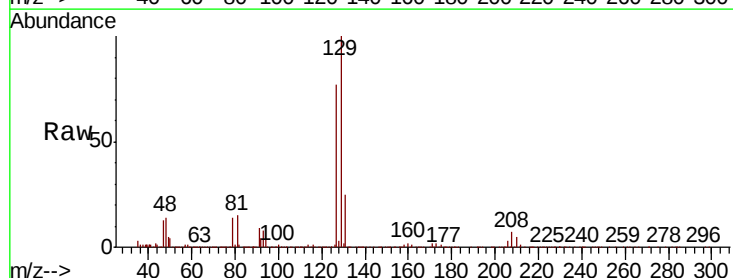
Instrument :
MSVOA_X
ClientSampleId :
VX0103WBS01

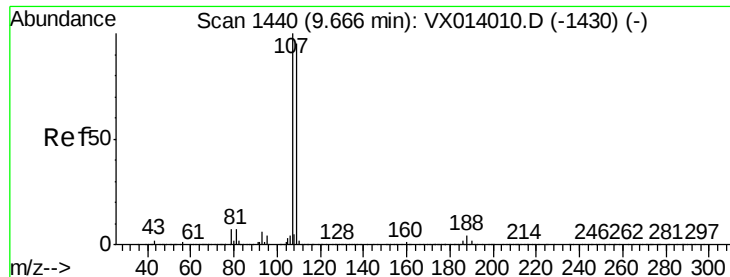
Tot Ion: 43 Resp: 622685
Ion Ratio Lower Upper
43 100
58 55.3 28.0 84.0



#60
Dibromochloromethane
Concen: 19.215 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

Tgt Ion: 129 Resp: 107364
Ion Ratio Lower Upper
129 100
127 78.0 38.4 115.2

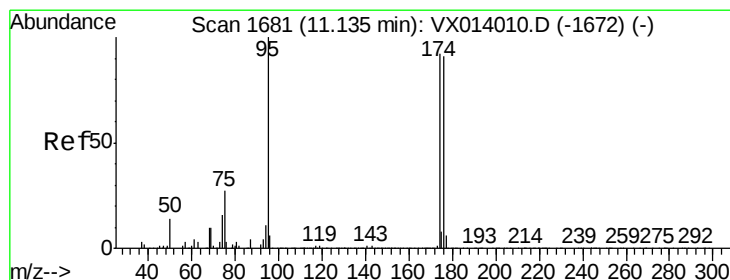
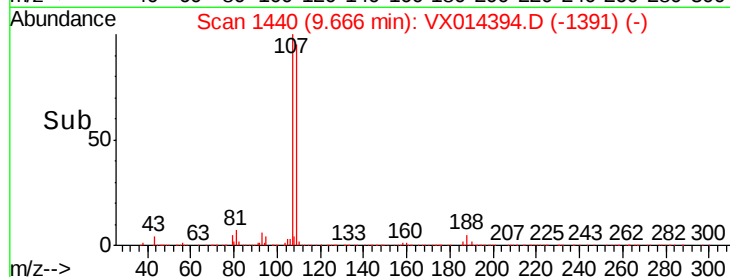
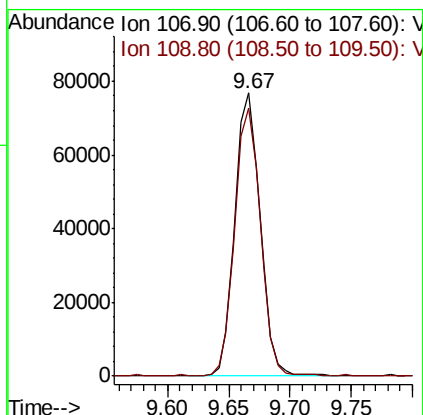
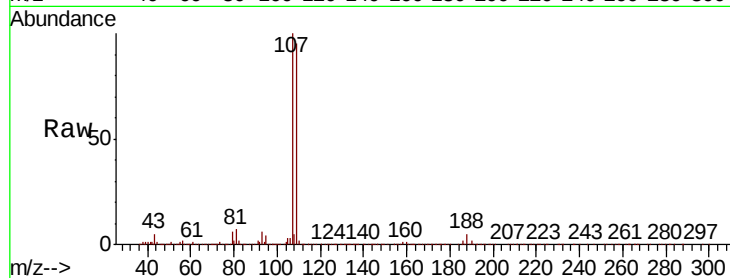




#61
 1,2-Dibromoethane
 Concen: 19.130 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX014394.D
 Acq: 03 Jan 2020 12:33

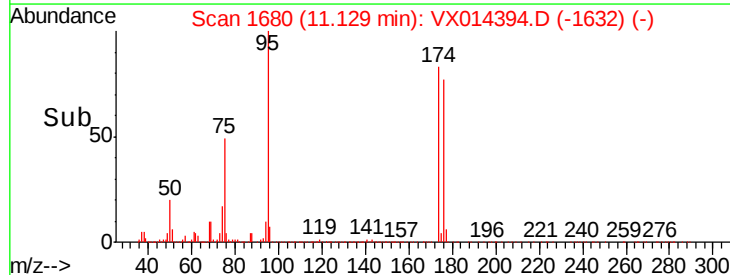
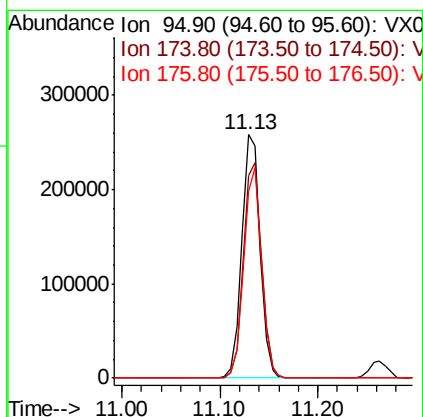
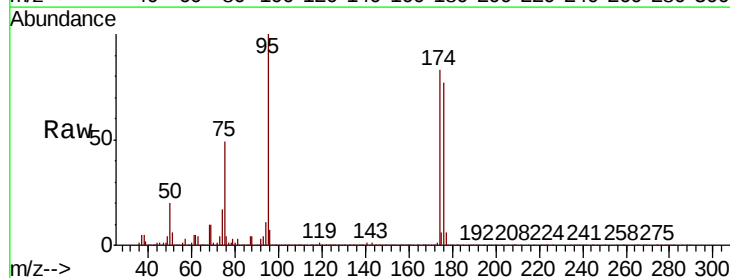
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0103WBS01

Tot Ion:107 Resp: 110024
 Ion Ratio Lower Upper
 107 100
 109 95.7 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 49.196 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VX014394.D
 Acq: 03 Jan 2020 12:33

Tgt Ion: 95 Resp: 334516
 Ion Ratio Lower Upper
 95 100
 174 88.9 0.0 175.8
 176 84.3 0.0 173.0

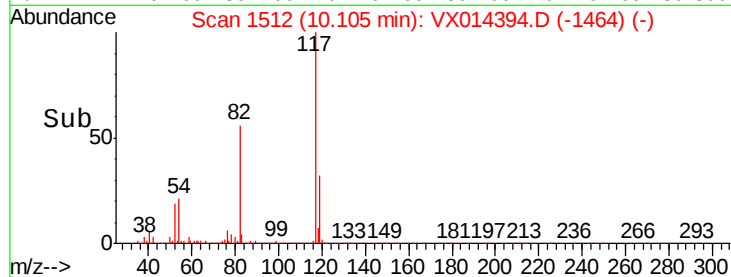
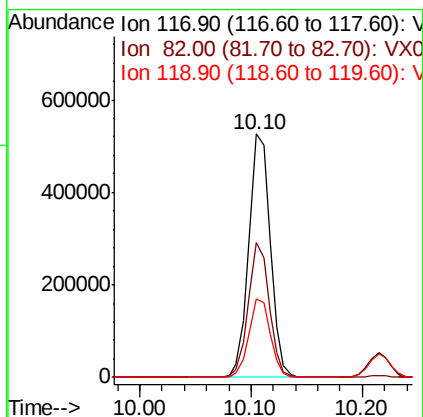
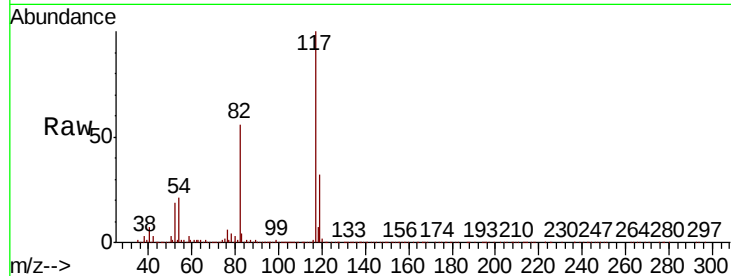




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

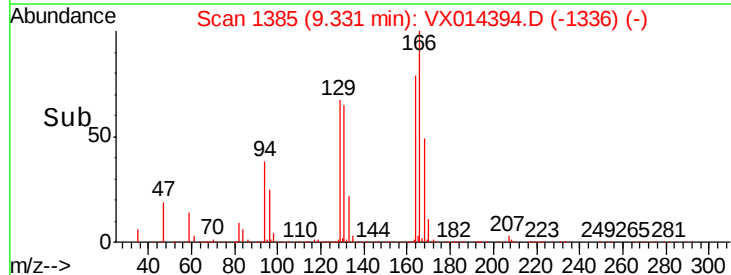
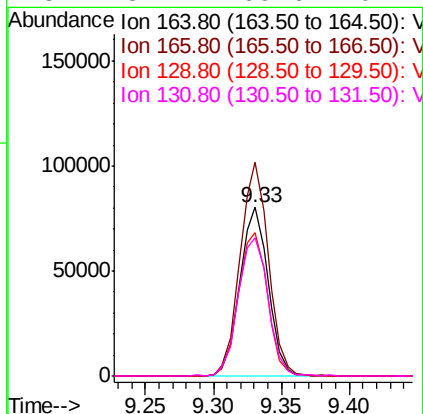
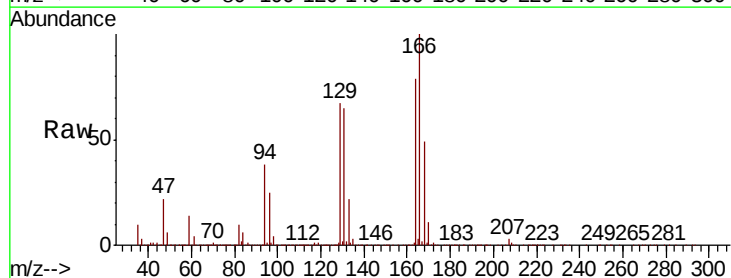
Instrument :
MSVOA_X
ClientSampleId :
VX0103WBS01

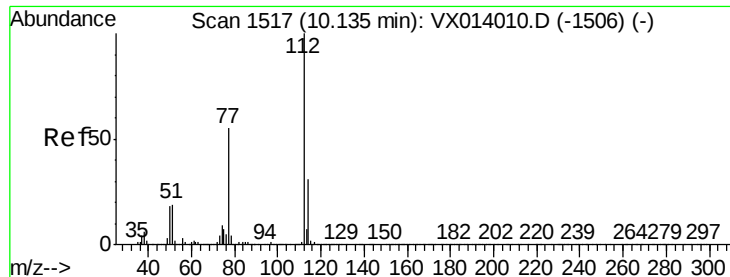
Tot Ion:117 Resp: 710718
Ion Ratio Lower Upper
117 100
82 55.5 42.2 63.4
119 32.2 25.1 37.7



#64
Tetrachloroethene
Concen: 18.462 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

Tgt Ion:164 Resp: 116109
Ion Ratio Lower Upper
164 100
166 126.8 104.0 156.0
129 85.2 72.2 108.4
131 82.1 69.6 104.4





#65

Chlorobenzene

Concen: 18.141 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

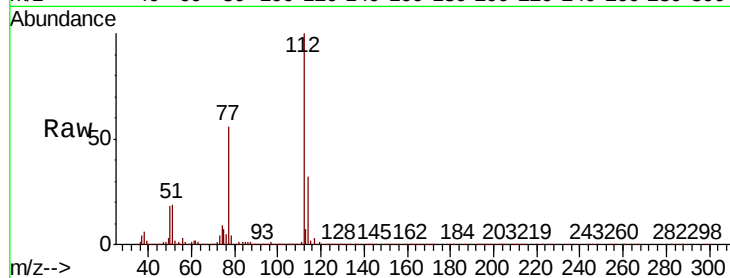
VX0103WBS01

Tot Ion:112 Resp: 274142

Ion Ratio Lower Upper

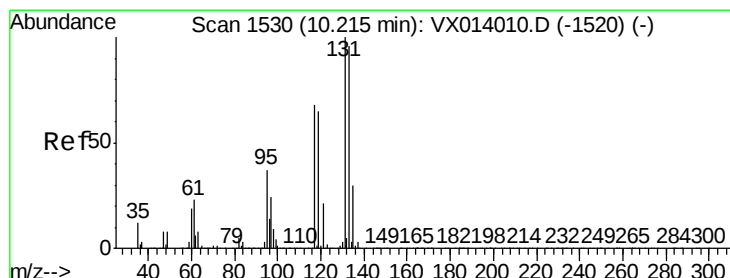
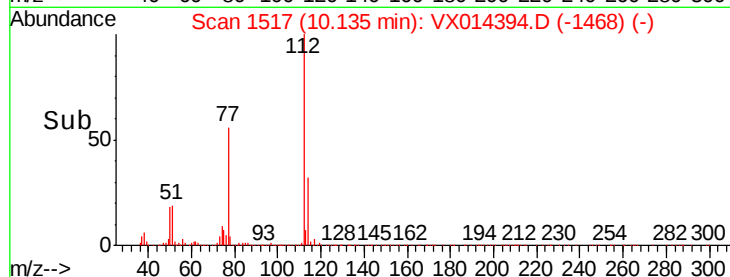
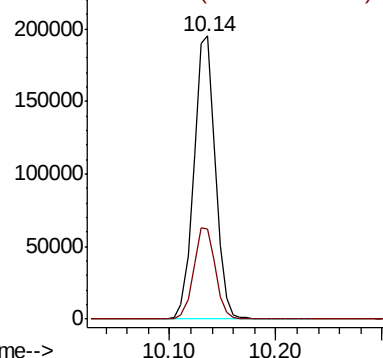
112 100

114 31.8 24.9 37.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.266 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

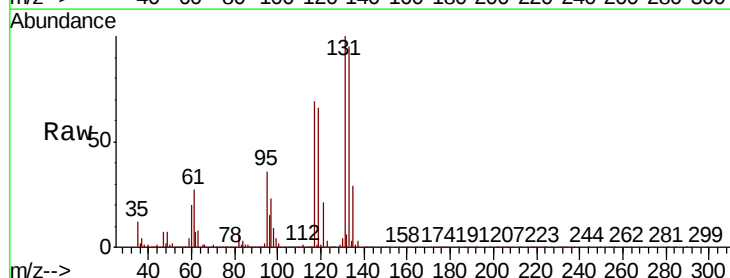
Tgt Ion:131 Resp: 103951

Ion Ratio Lower Upper

131 100

133 93.5 48.0 144.0

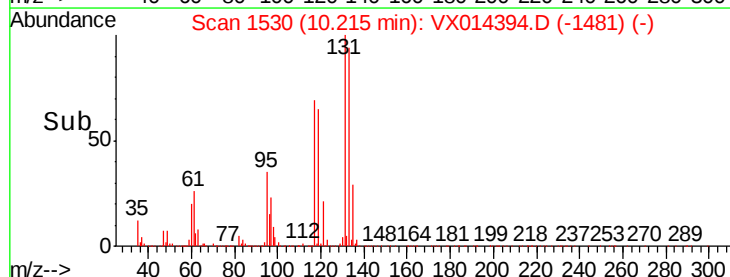
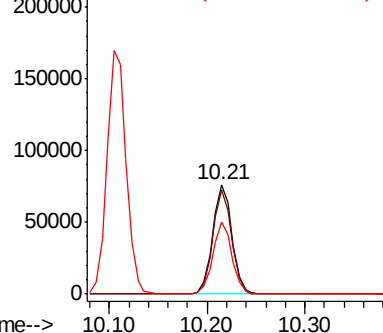
119 64.6 33.4 100.2

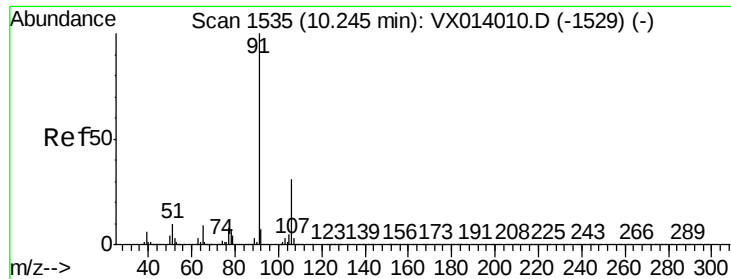


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

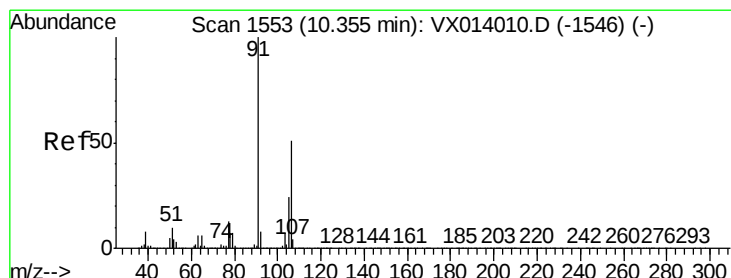
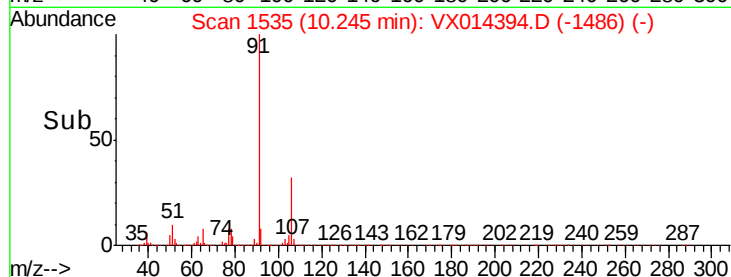
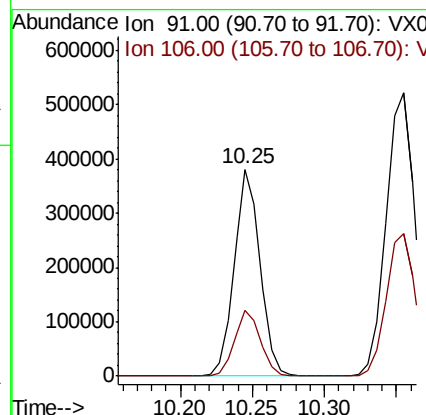
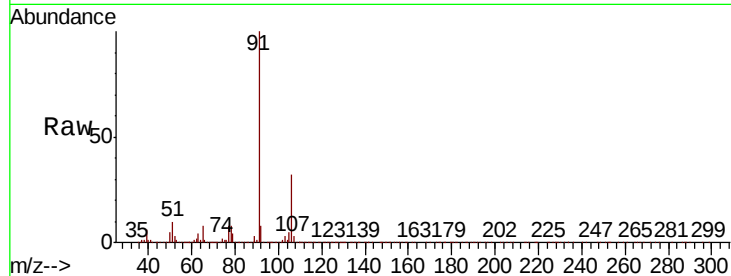




#67
Ethyl Benzene
Concen: 18.455 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

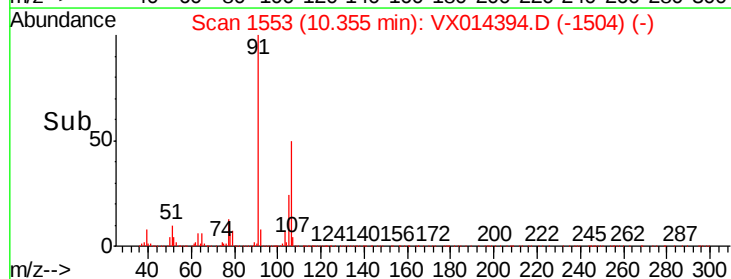
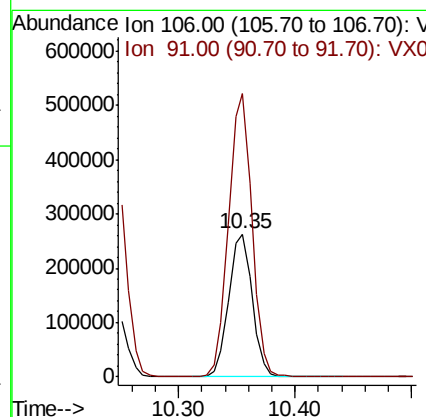
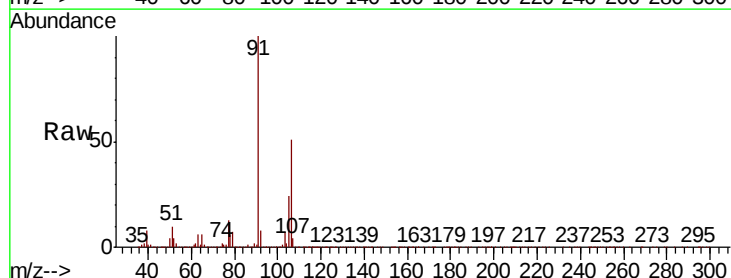
Instrument :
MSVOA_X
ClientSampleId :
VX0103WBS01

Tot Ion: 91 Resp: 479467
Ion Ratio Lower Upper
91 100
106 32.0 25.0 37.6



#68
m/p-Xylenes
Concen: 36.817 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

Tgt Ion: 106 Resp: 367890
Ion Ratio Lower Upper
106 100
91 196.3 158.6 238.0

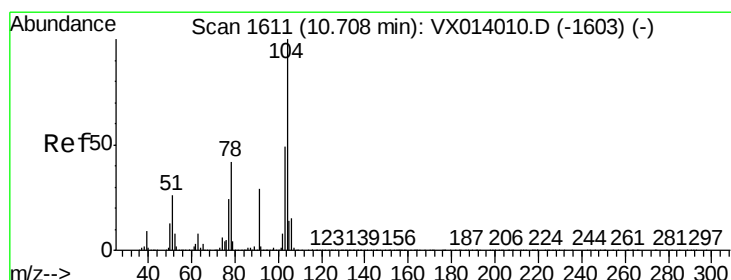
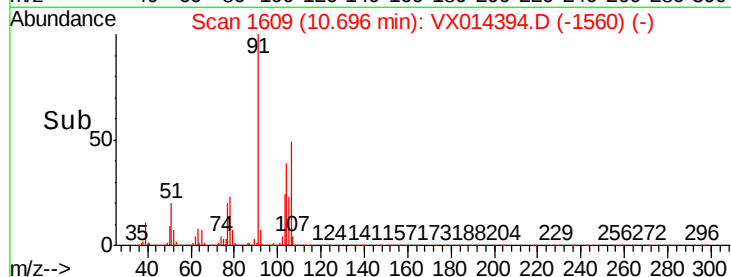
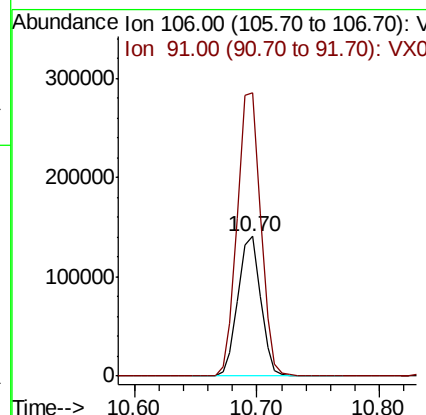
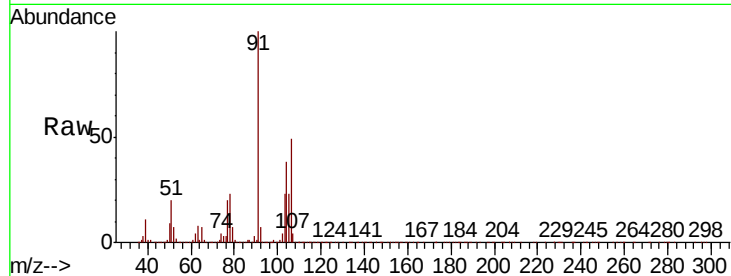




#69
o-Xylene
Concen: 18.521 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

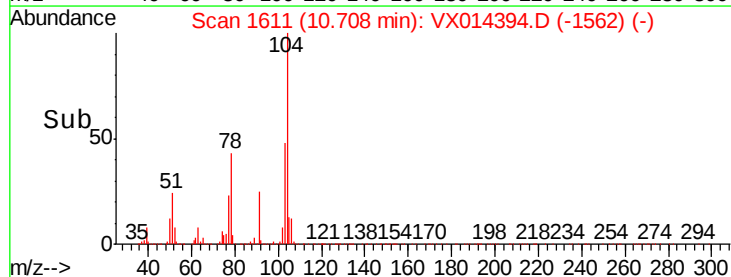
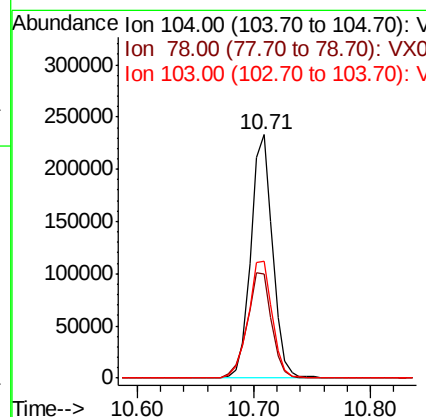
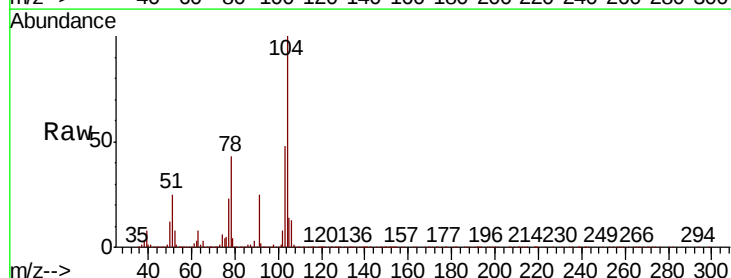
Instrument :
MSVOA_X
ClientSampleId :
VX0103WBS01

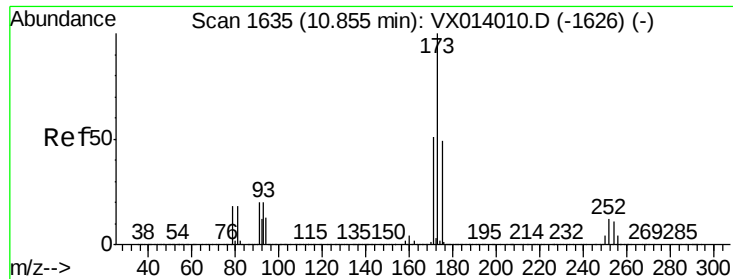
Tot Ion:106 Resp: 181503
Ion Ratio Lower Upper
106 100
91 207.2 104.2 312.6



#70
Styrene
Concen: 18.379 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

Tgt Ion:104 Resp: 304569
Ion Ratio Lower Upper
104 100
78 48.5 38.5 57.7
103 53.7 42.9 64.3

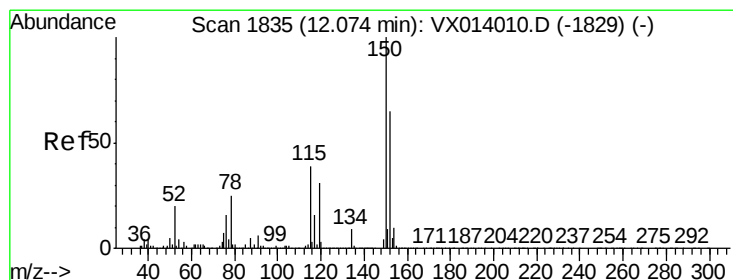
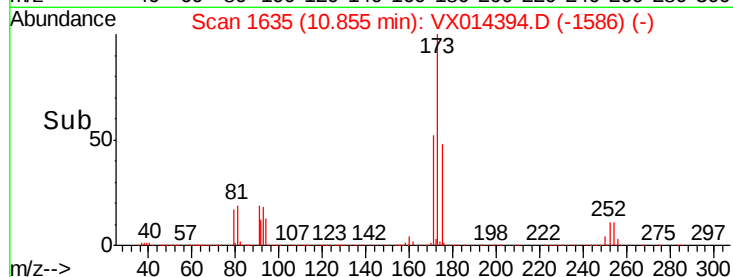
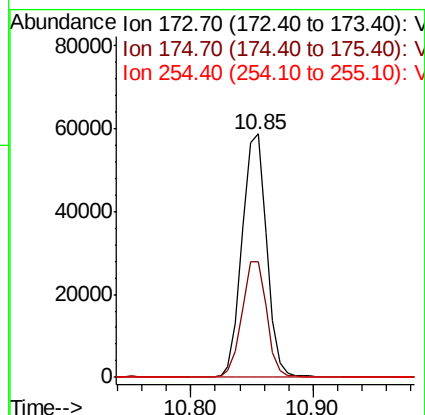
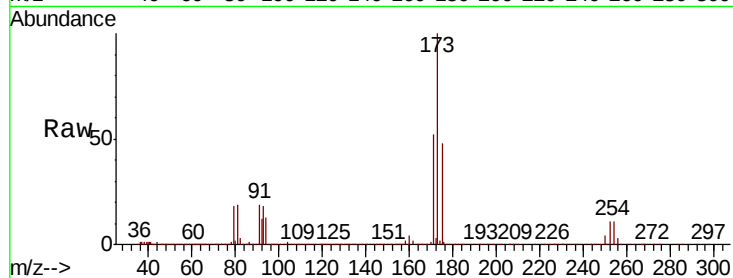




#71
Bromoform
Concen: 18.760 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

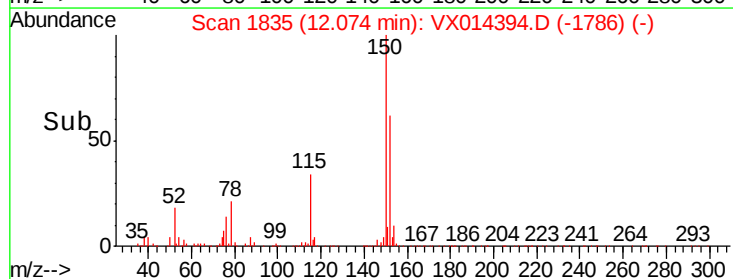
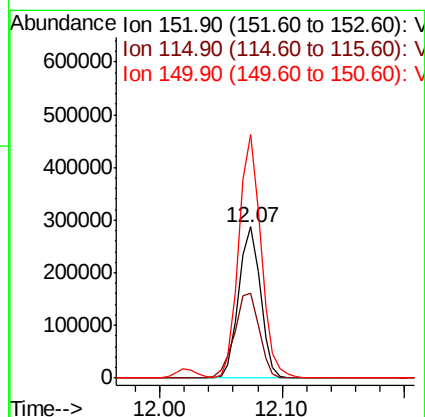
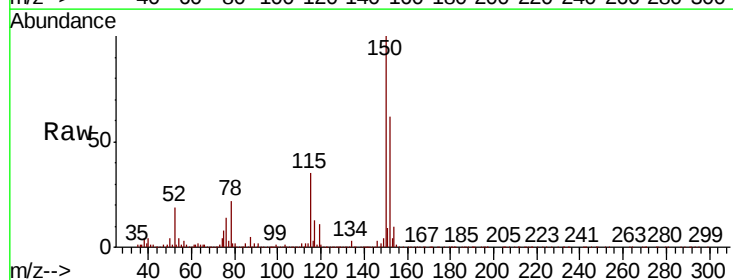
Instrument :
MSVOA_X
ClientSampleId :
VX0103WBS01

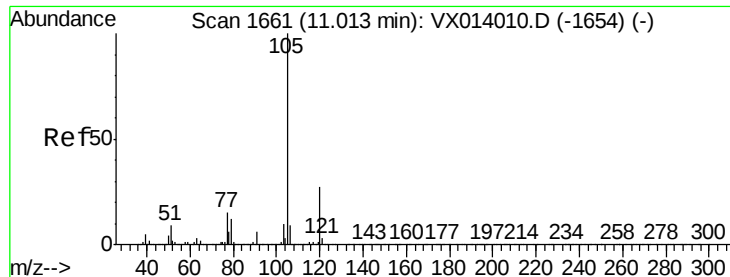
Tot Ion:173 Resp: 81365
Ion Ratio Lower Upper
173 100
175 48.5 24.4 73.4
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

Tgt Ion:152 Resp: 350746
Ion Ratio Lower Upper
152 100
115 64.5 38.3 114.9
150 164.0 0.0 345.4





#73

Isopropylbenzene

Concen: 19.374 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

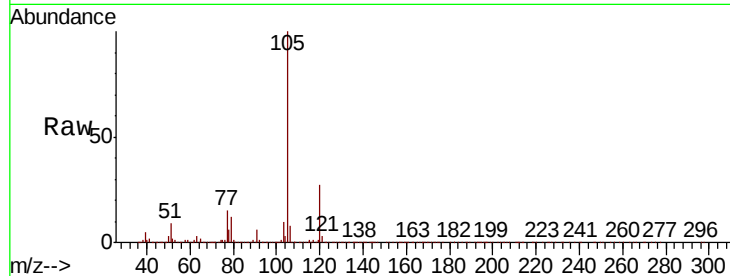
VX0103WBS01

Tot Ion:105 Resp: 478457

Ion Ratio Lower Upper

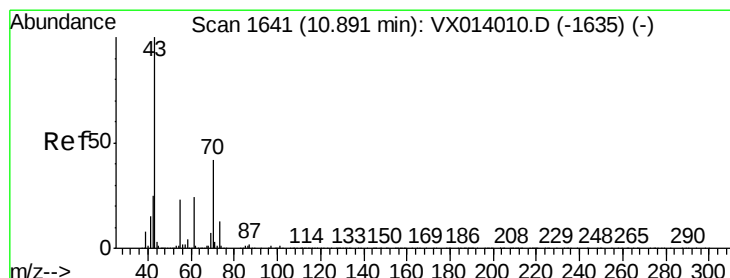
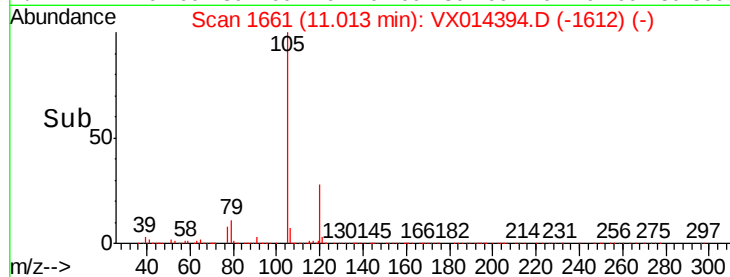
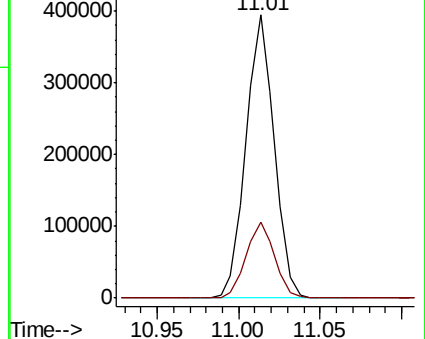
105 100

120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.555 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

Tgt Ion: 43 Resp: 214782

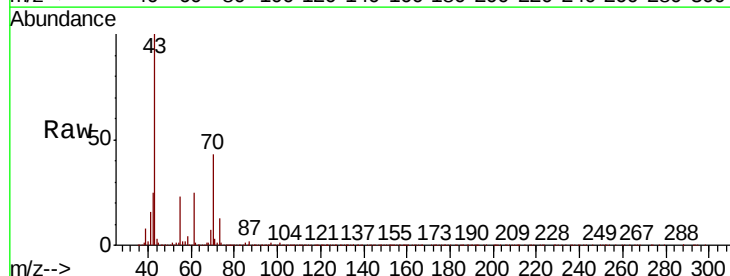
Ion Ratio Lower Upper

43 100

70 42.6 34.4 51.6

55 23.8 19.1 28.7

61 25.0 19.7 29.5

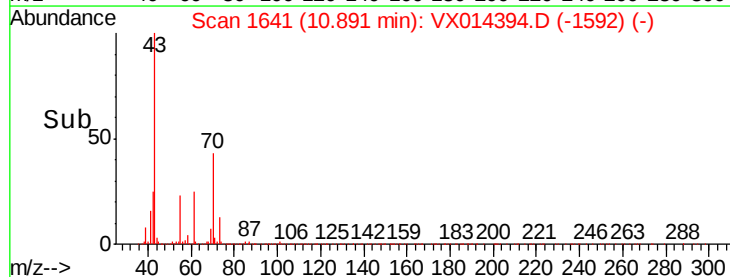
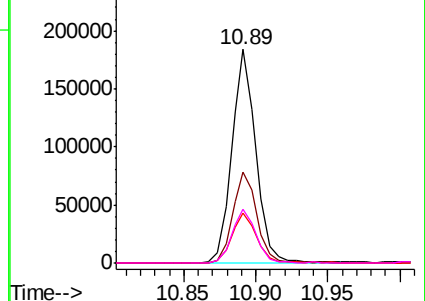


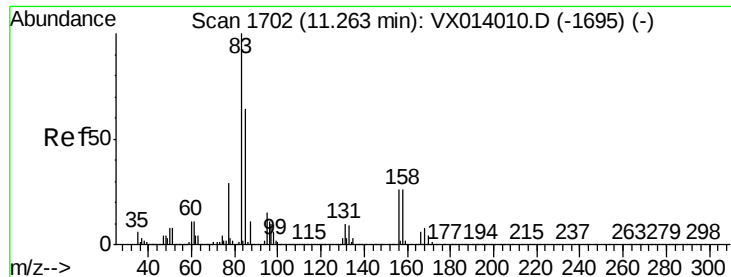
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.002 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

Instrument :

MSVOA_X

ClientSampled :

VX0103WBS01

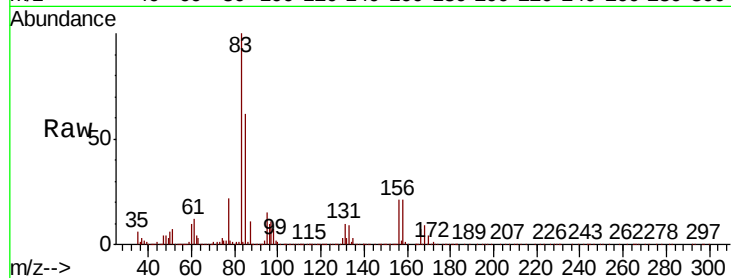
Tot Ion: 83 Resp: 162688

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.2

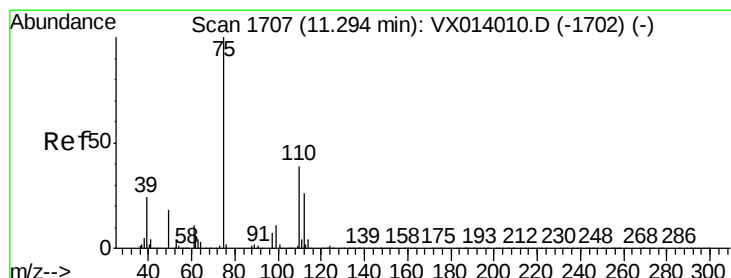
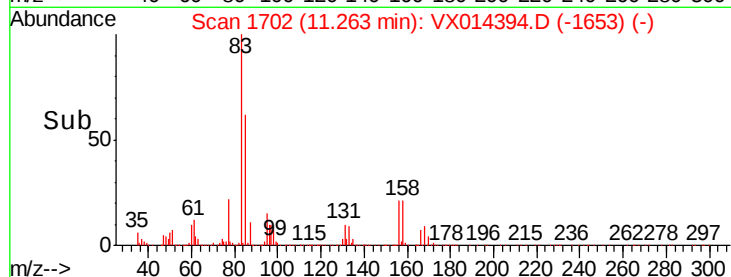
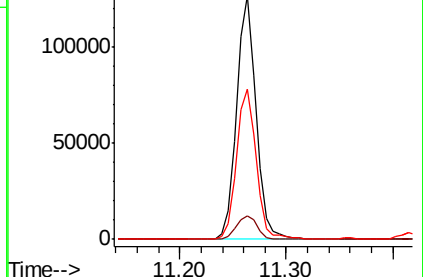
85 62.7 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.054 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014394.D

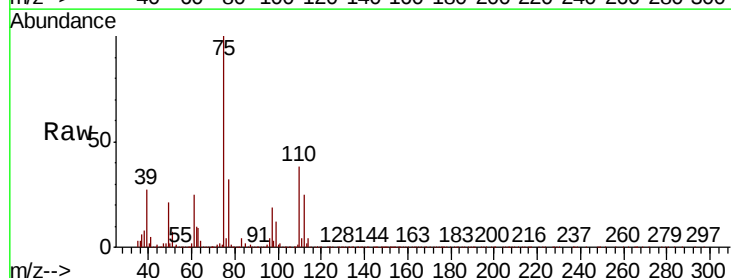
Acq: 03 Jan 2020 12:33

Tgt Ion: 75 Resp: 183163

Ion Ratio Lower Upper

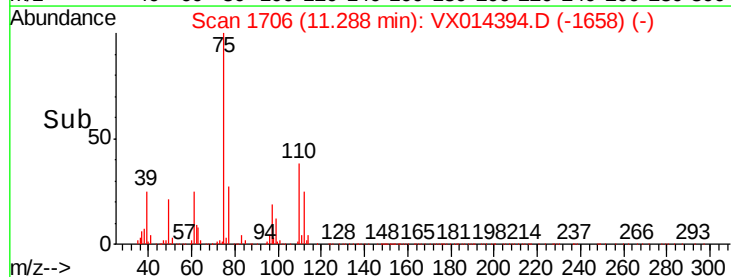
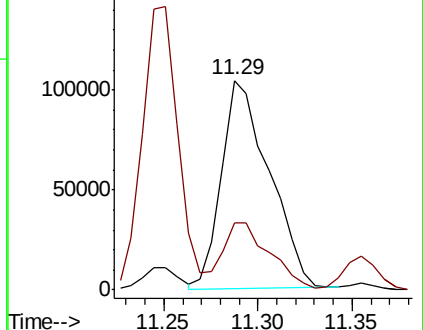
75 100

77 32.3 19.3 57.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.214 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX0103WBS01

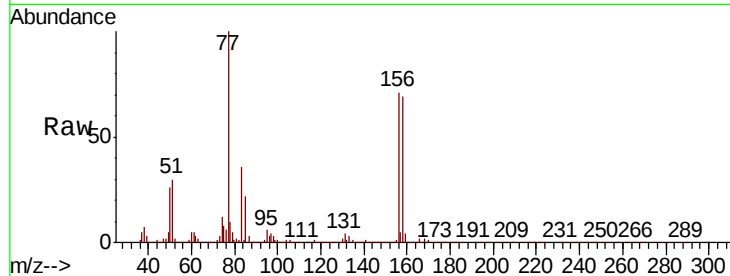
Tot Ion:156 Resp: 123755

Ion Ratio Lower Upper

156 100

77 150.4 76.5 229.5

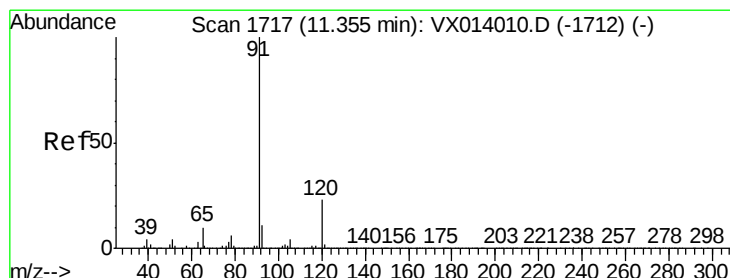
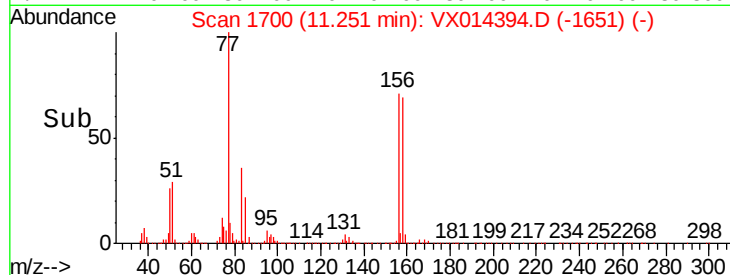
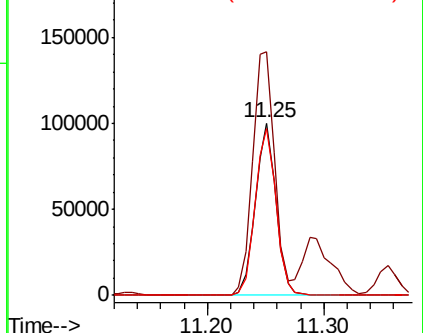
158 98.6 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.276 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014394.D

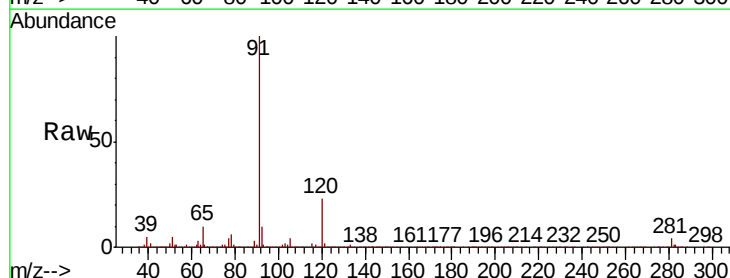
Acq: 03 Jan 2020 12:33

Tgt Ion: 91 Resp: 533941

Ion Ratio Lower Upper

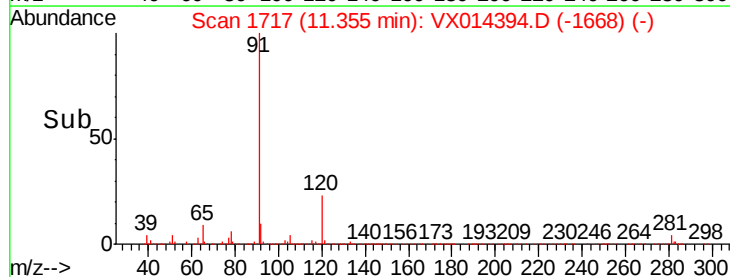
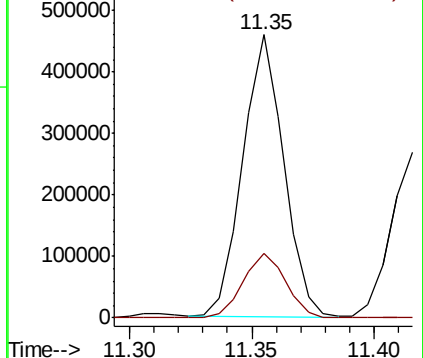
91 100

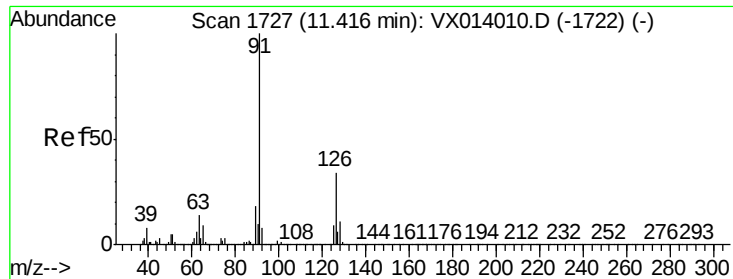
120 23.7 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

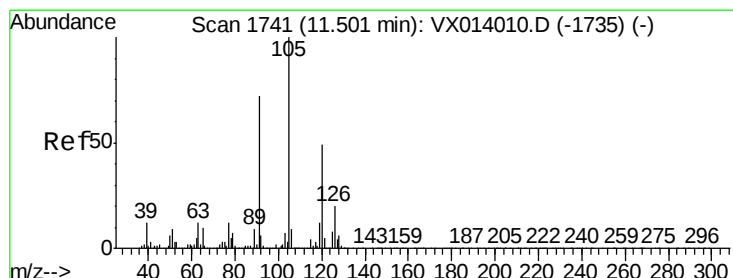
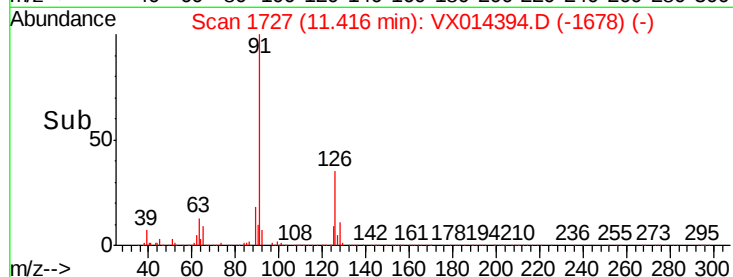
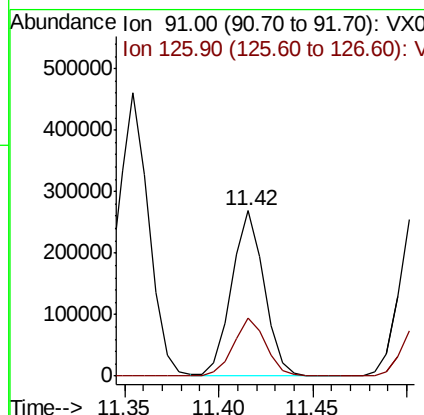
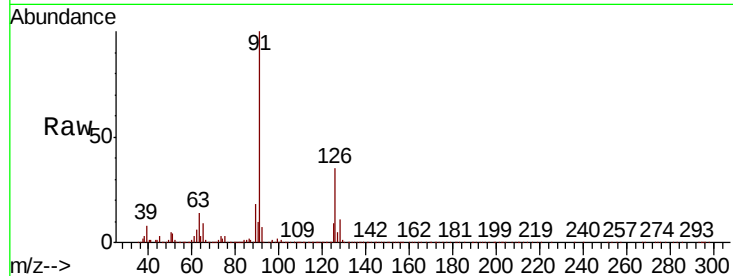




#79
2-Chlorotoluene
Concen: 19.009 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

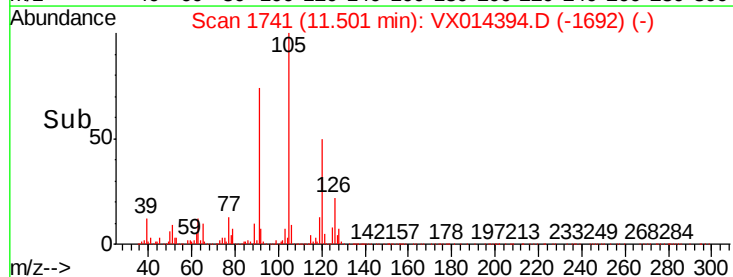
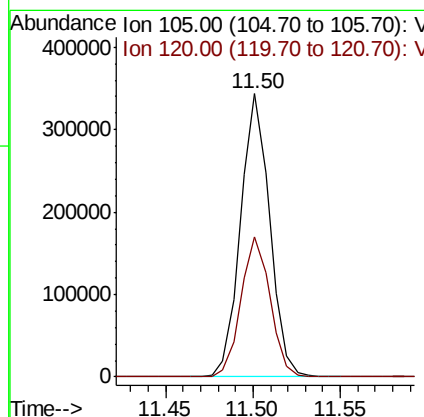
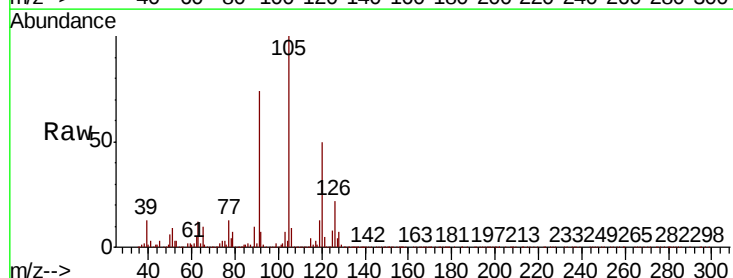
Instrument :
MSVOA_X
ClientSampled :
VX0103WBS01

Tot Ion: 91 Resp: 320079
Ion Ratio Lower Upper
91 100
126 34.9 17.2 51.6



#80
1,3,5-Trimethylbenzene
Concen: 19.056 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

Tgt Ion: 105 Resp: 396060
Ion Ratio Lower Upper
105 100
120 49.7 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.807 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX0103WBS01

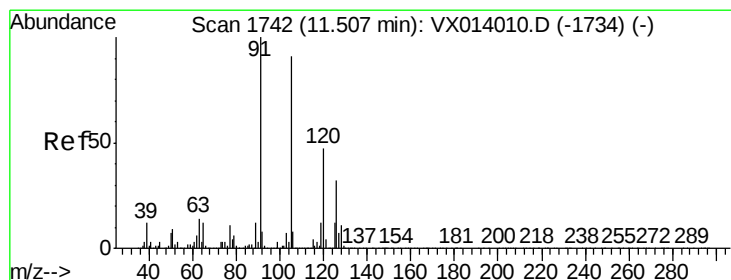
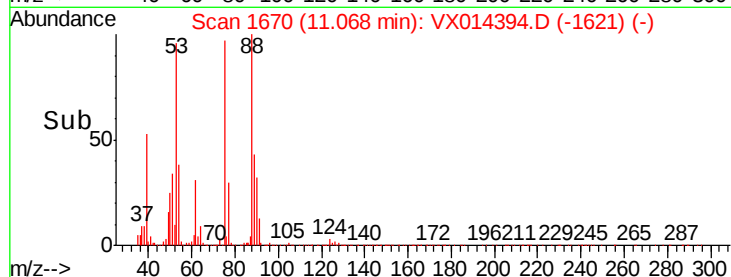
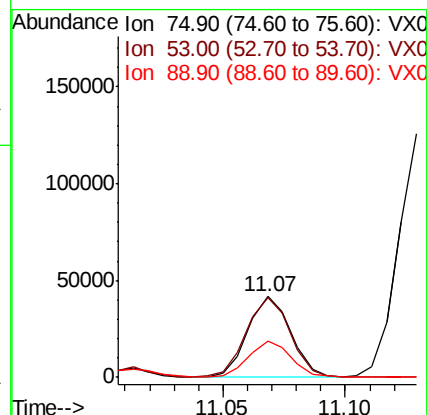
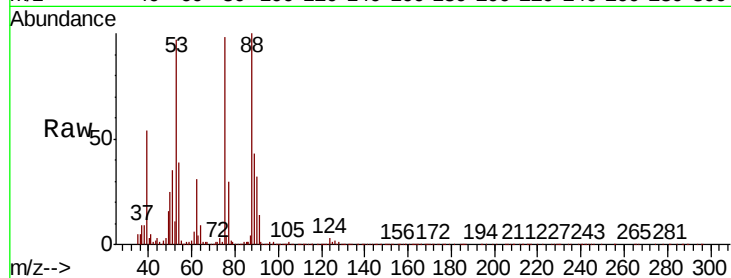
Tot Ion: 75 Resp: 50739

Ion Ratio Lower Upper

75 100

53 100.0 76.7 115.1

89 45.5 34.6 51.8



#82

4-Chlorotoluene

Concen: 18.492 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014394.D

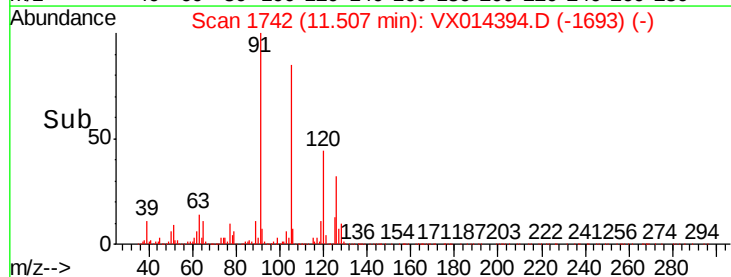
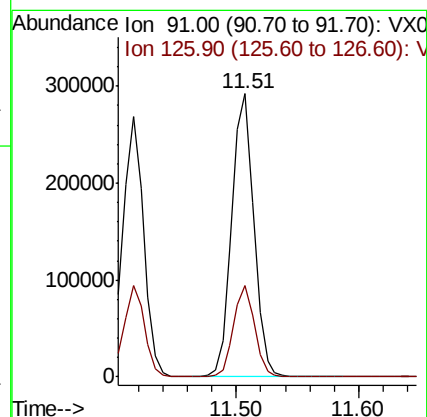
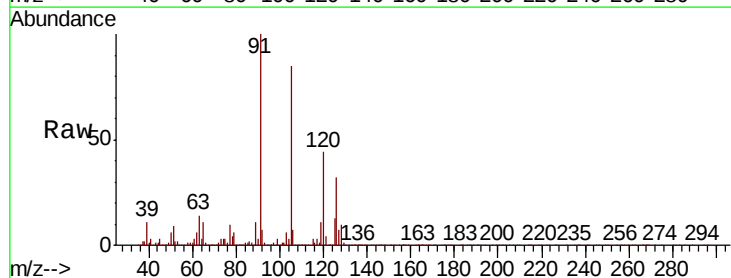
Acq: 03 Jan 2020 12:33

Tgt Ion: 91 Resp: 361181

Ion Ratio Lower Upper

91 100

126 30.9 15.6 46.8

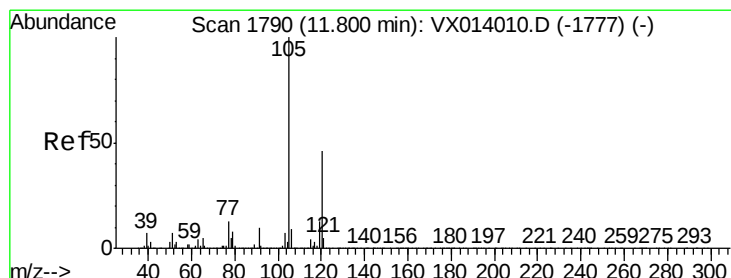
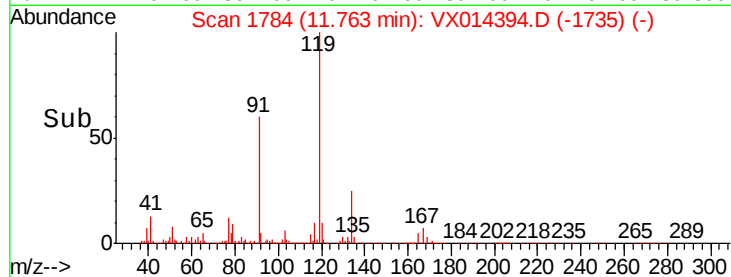
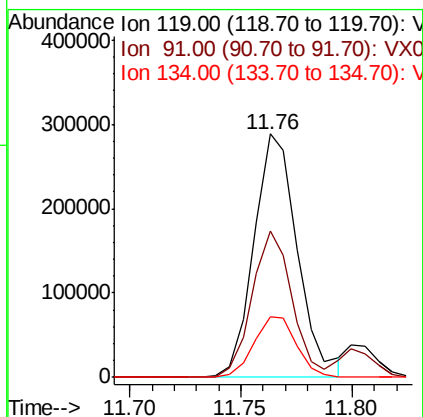
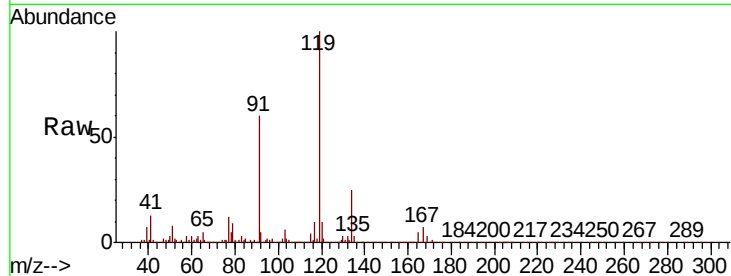




#83
tert-Butylbenzene
Concen: 19.403 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

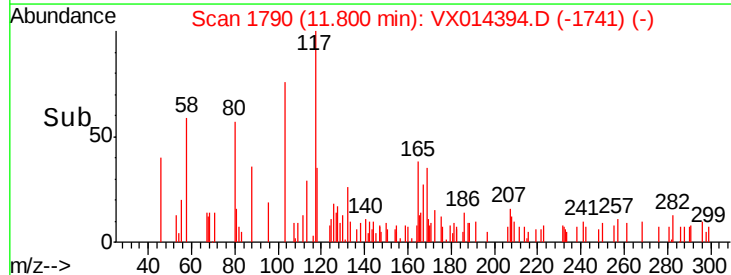
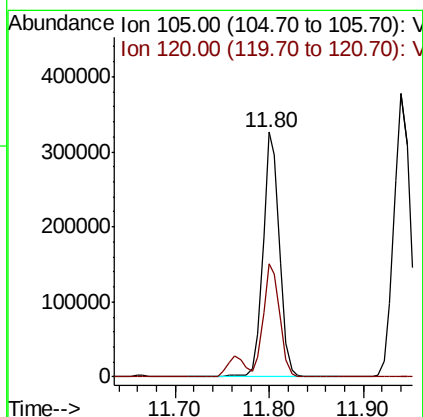
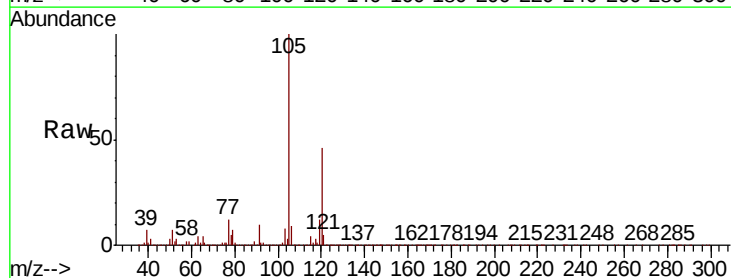
Instrument :
MSVOA_X
ClientSampleId :
VX0103WBS01

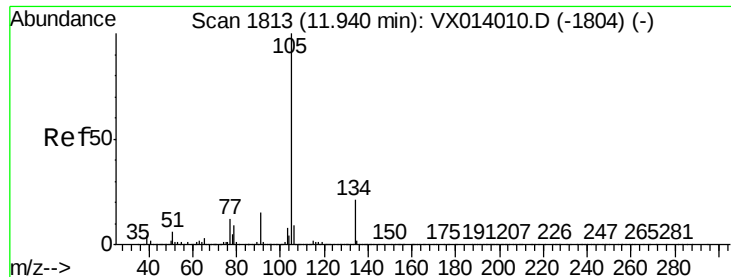
Tot Ion	Ratio	Lower	Upper
119	100		
91	55.3	28.5	85.6
134	24.4	12.2	36.6



#84
1,2,4-Trimethylbenzene
Concen: 19.206 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.1	69.2





#85

sec-Butylbenzene

Concen: 19.397 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

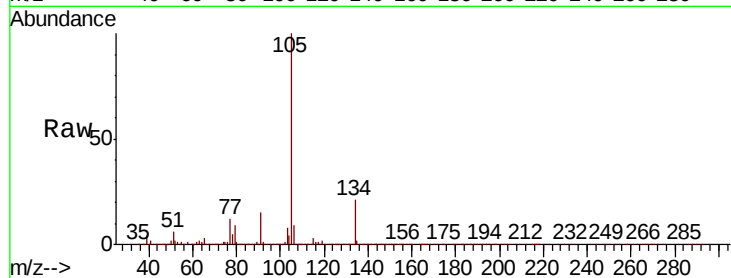
VX0103WBS01

Tot Ion:105 Resp: 463144

Ion Ratio Lower Upper

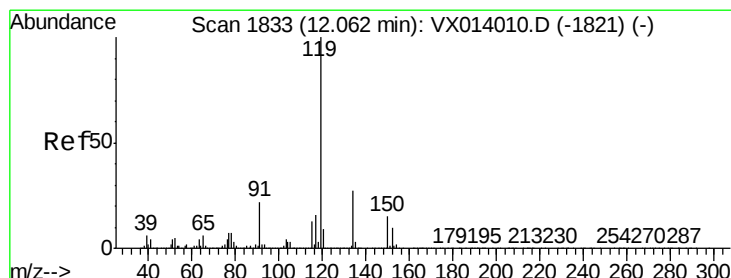
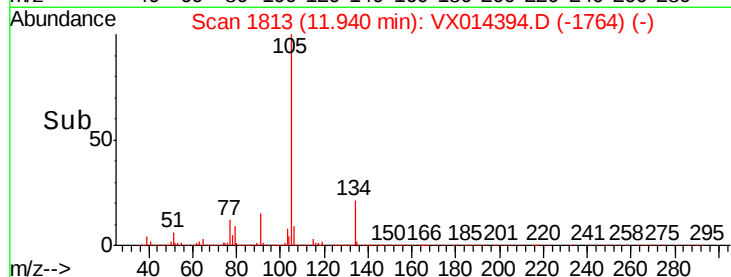
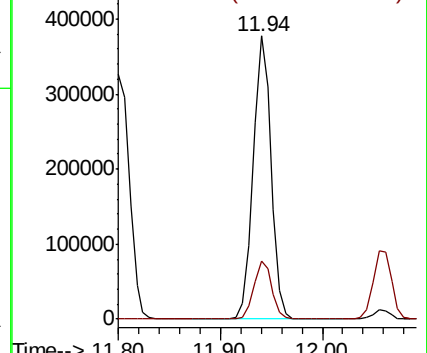
105 100

134 20.7 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.591 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

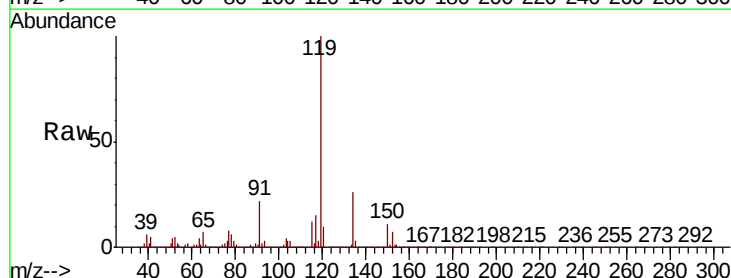
Tgt Ion:119 Resp: 427889

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

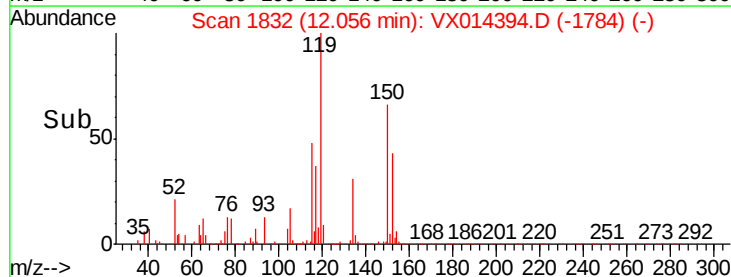
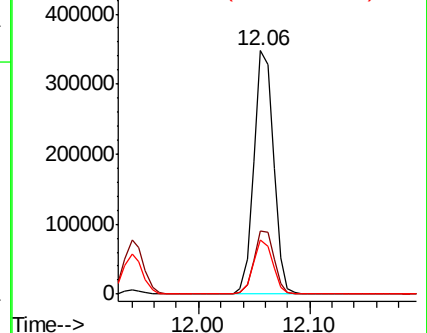
91 21.9 11.4 34.1

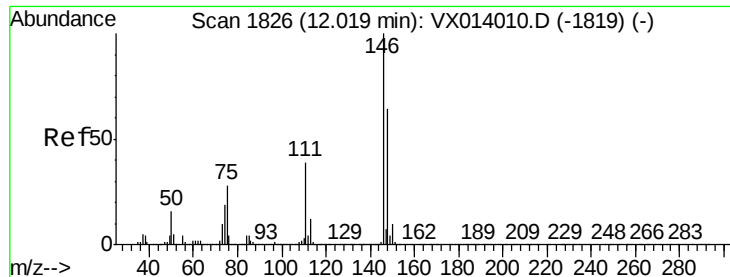


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

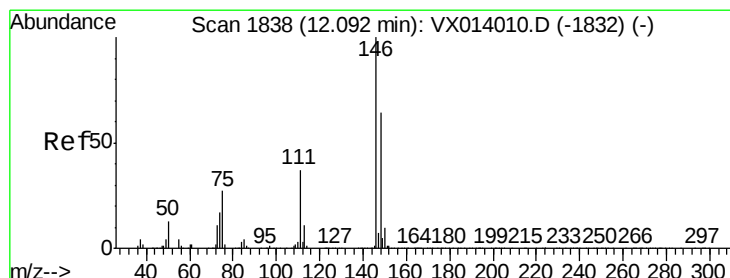
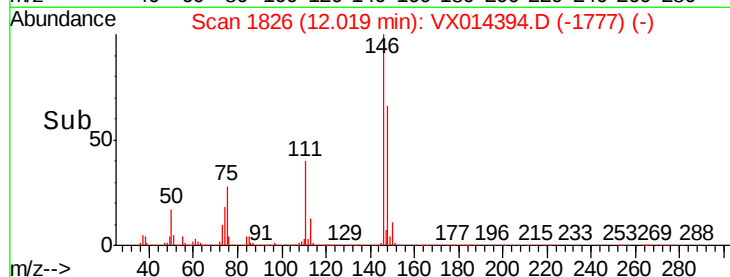
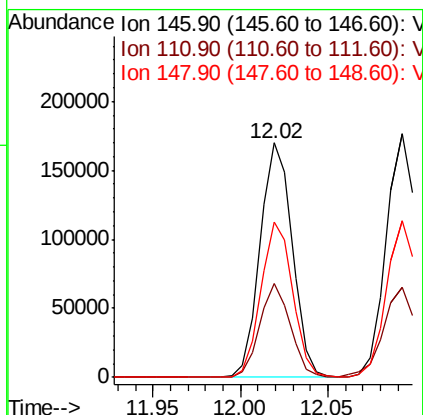
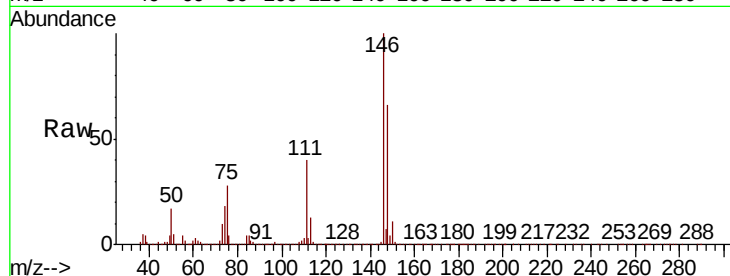




#87
 1,3-Dichlorobenzene
 Concen: 18.261 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014394.D
 Acq: 03 Jan 2020 12:33

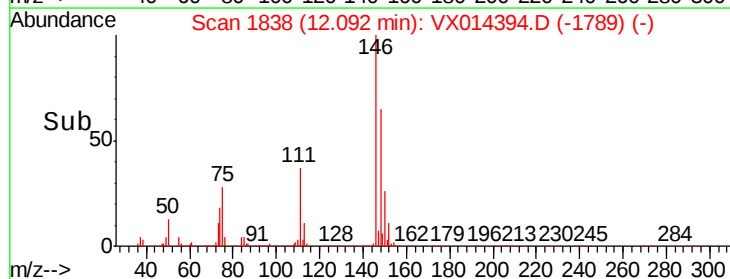
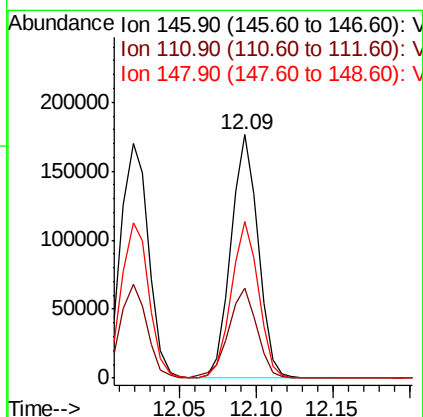
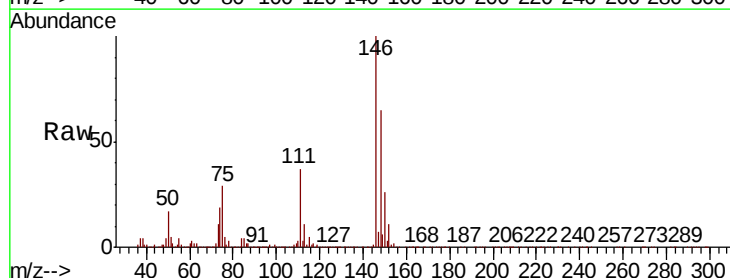
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0103WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.1
148	64.9	32.3	96.9



#88
 1,4-Dichlorobenzene
 Concen: 17.865 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014394.D
 Acq: 03 Jan 2020 12:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.7	56.1
148	64.6	31.9	95.9

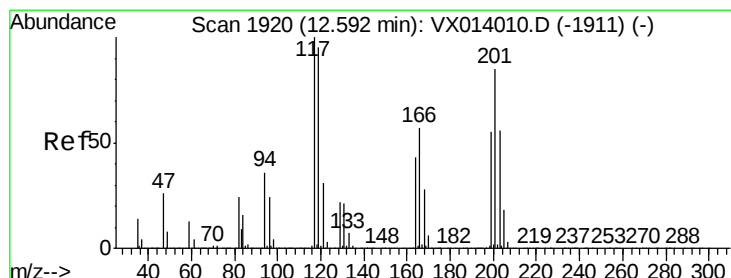
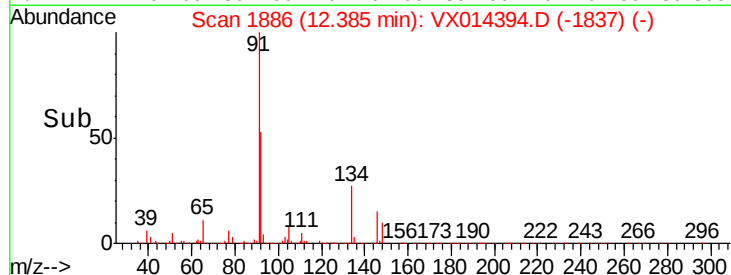
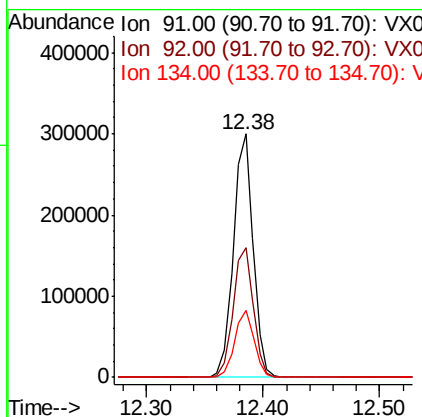
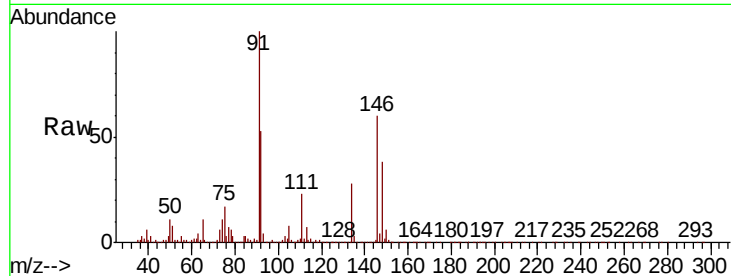




#89
n-Butylbenzene
Concen: 19.054 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

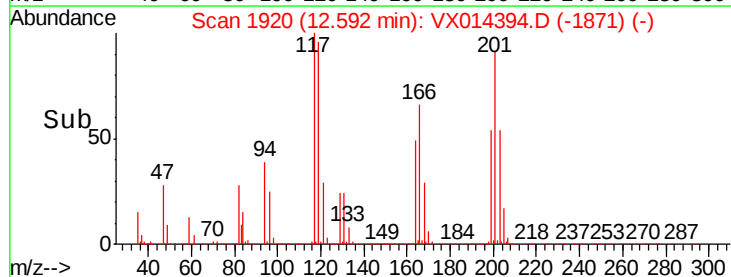
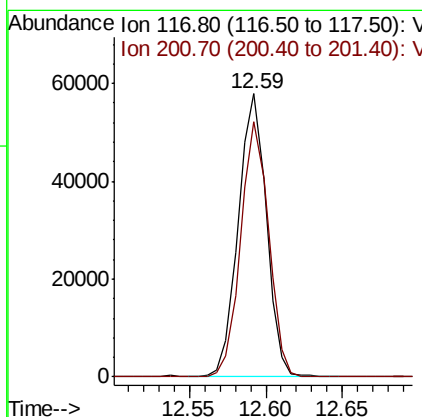
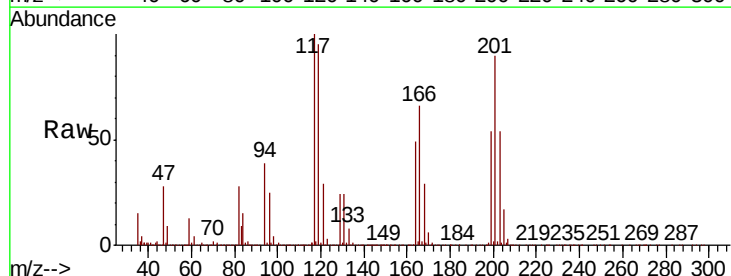
Instrument :
MSVOA_X
ClientSampleId :
VX0103WBS01

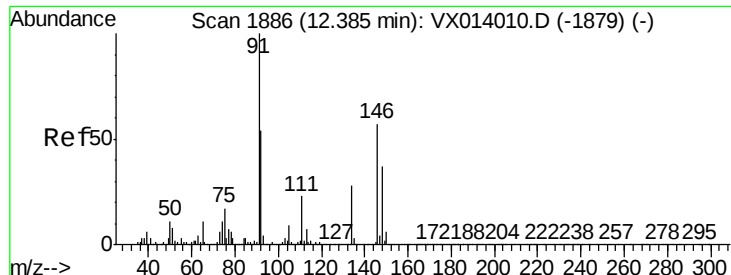
Tot Ion: 91 Resp: 355099
Ion Ratio Lower Upper
91 100
92 54.5 27.2 81.6
134 27.0 13.4 40.1



#90
Hexachloroethane
Concen: 18.859 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

Tgt Ion: 117 Resp: 73987
Ion Ratio Lower Upper
117 100
201 89.4 43.1 129.3





#91

1,2-Dichlorobenzene

Concen: 18.367 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX0103WBS01

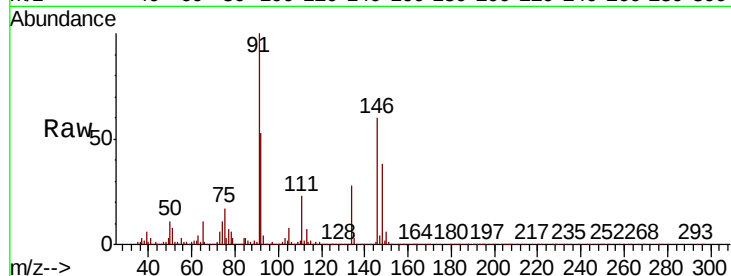
Tot Ion:146 Resp: 220175

Ion Ratio Lower Upper

146 100

111 39.2 19.7 59.1

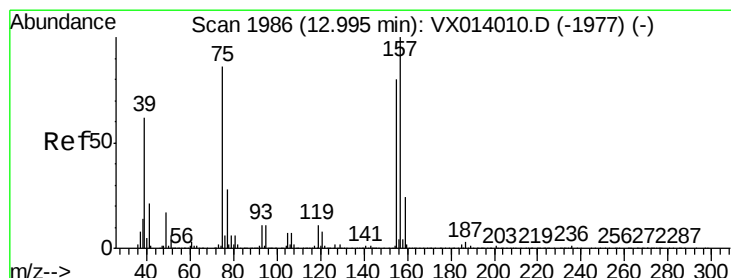
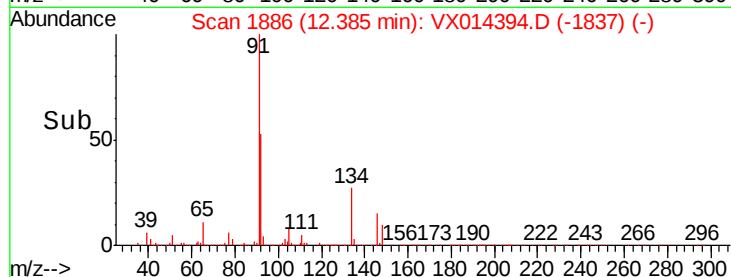
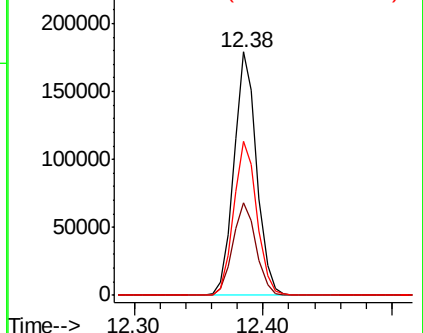
148 64.7 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.675 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

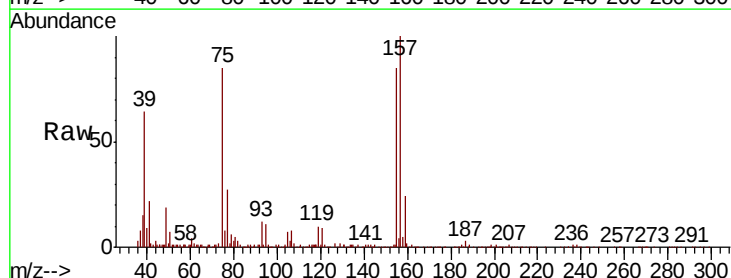
Tgt Ion: 75 Resp: 33487

Ion Ratio Lower Upper

75 100

155 96.2 46.9 140.6

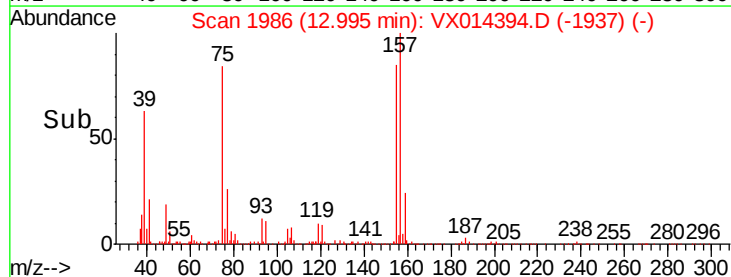
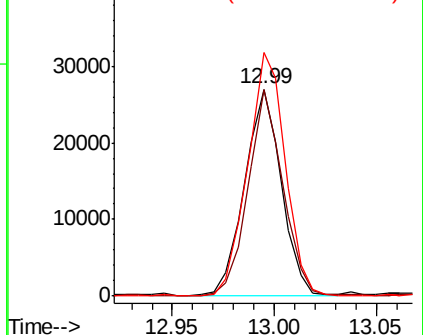
157 121.7 60.8 182.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

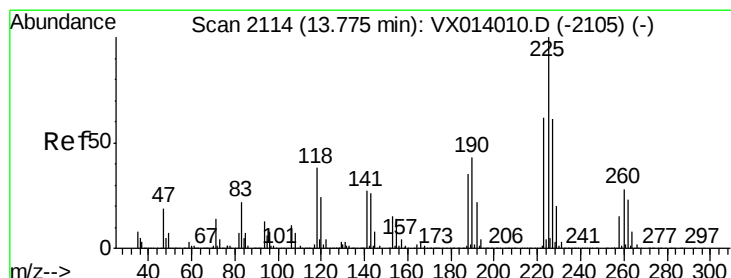
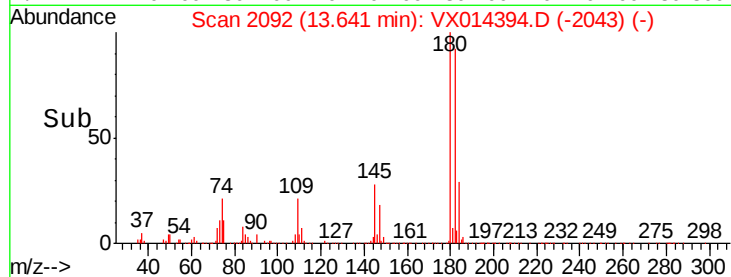
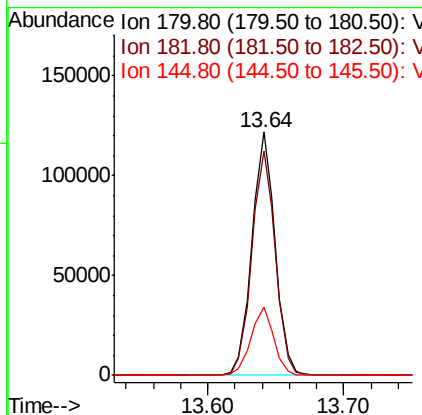
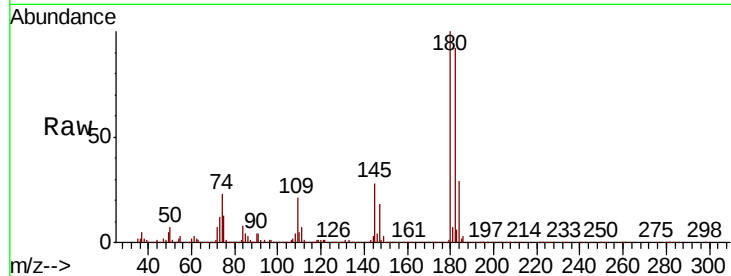




#93
 1,2,4-Trichlorobenzene
 Concen: 18.711 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014394.D
 Acq: 03 Jan 2020 12:33

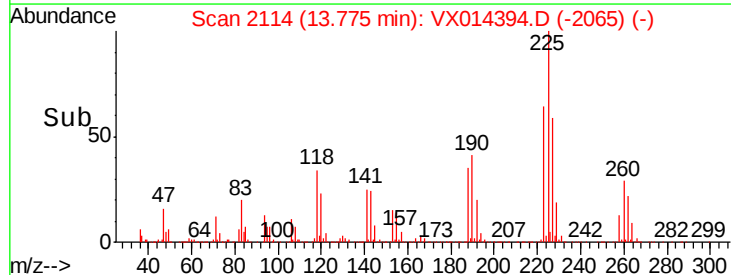
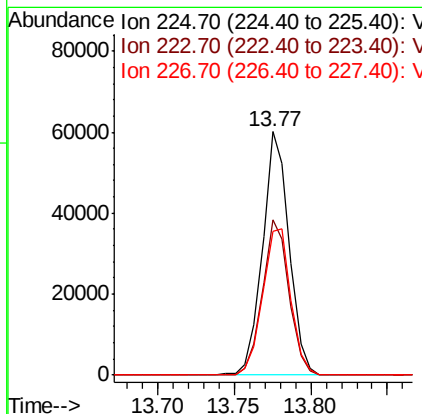
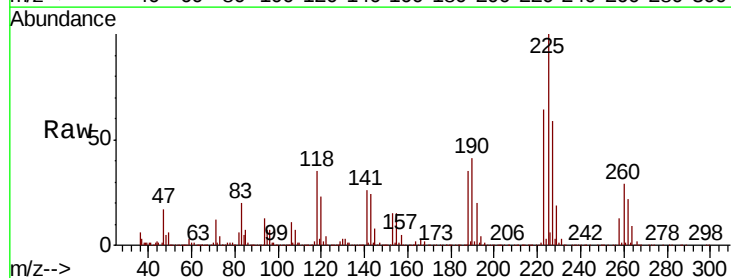
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0103WBS01

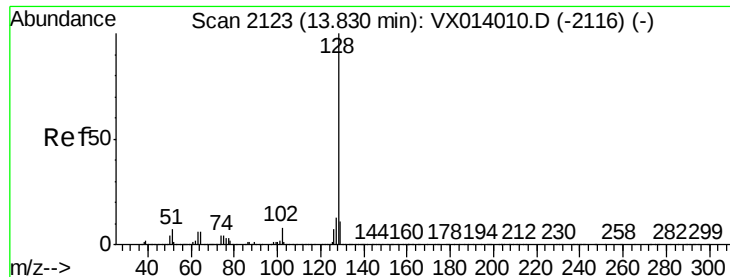
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.6	46.6	139.8
145	27.7	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 19.534 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014394.D
 Acq: 03 Jan 2020 12:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	30.9	92.5
227	64.0	30.9	92.7

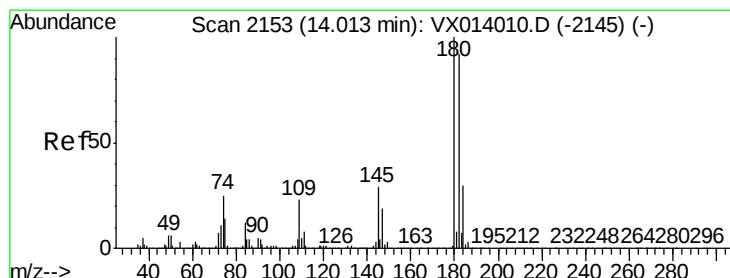
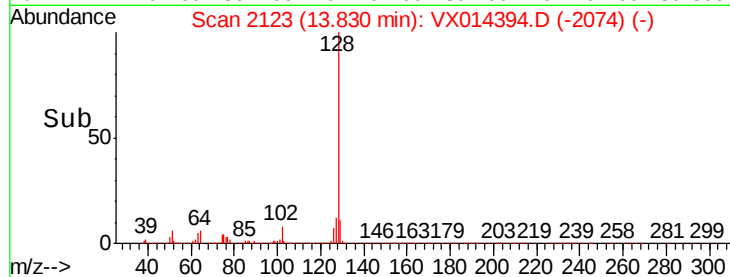
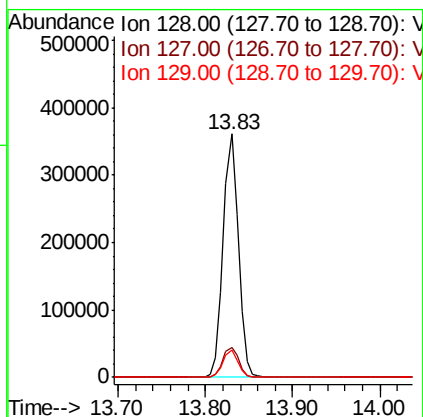
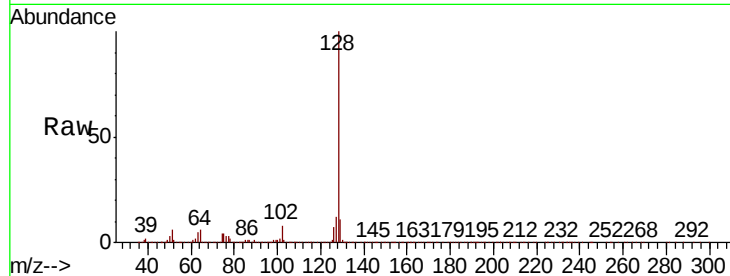




#95
Naphthalene
Concen: 18.910 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX0103WBS01

Tot Ion:128 Resp: 432882
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.820 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

Tgt Ion:180 Resp: 144748
Ion Ratio Lower Upper
180 100
182 94.7 46.8 140.3
145 30.6 14.8 44.4

