

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
 Data File : VX014139.D
 Acq On : 19 Dec 2019 22:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 20 03:57:53 2019
 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	504466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	784291	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	708004	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	351630	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	287267	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
35) Dibromofluoromethane	5.49	113	238987	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
50) Toluene-d8	8.71	98	907851	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
62) 4-Bromofluorobenzene	11.13	95	323446	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	205472	45.528	ug/l	97
3) Chloromethane	1.32	50	296941	49.027	ug/l	100
4) Vinyl Chloride	1.40	62	310367	48.564	ug/l	98
5) Bromomethane	1.63	94	212700	46.892	ug/l	99
6) Chloroethane	1.72	64	198753	50.389	ug/l	95
7) Trichlorofluoromethane	1.92	101	384314	48.578	ug/l	100
8) Diethyl Ether	2.18	74	186299	50.176	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	228250	47.862	ug/l	100
10) Methyl Iodide	2.50	142	308825	49.152	ug/l	100
11) Tert butyl alcohol	3.03	59	301137	243.756	ug/l	100
12) 1,1-Dichloroethene	2.36	96	237898	49.025	ug/l	99
13) Acrolein	2.28	56	198242	280.326	ug/l	96
14) Allyl chloride	2.72	41	444631	51.318	ug/l	99
15) Acrylonitrile	3.13	53	773223	268.152	ug/l	99
16) Acetone	2.43	43	787884	212.263	ug/l	100
17) Carbon Disulfide	2.56	76	628558	46.708	ug/l	100
18) Methyl Acetate	2.76	43	395897	53.826	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	841609	52.779	ug/l	99
20) Methylene Chloride	2.85	84	285926	48.917	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	260441	48.716	ug/l	97
22) Diisopropyl ether	3.84	45	913647	52.917	ug/l	97
23) Vinyl Acetate	3.80	43	3567761	253.216	ug/l	100
24) 1,1-Dichloroethane	3.69	63	485442	50.536	ug/l	99
25) 2-Butanone	4.65	43	1133805	247.758	ug/l	98
26) 2,2-Dichloropropane	4.58	77	337339	45.231	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	307464	50.853	ug/l	98
28) Bromochloromethane	5.01	49	204596	55.333	ug/l	99
29) Tetrahydrofuran	5.11	42	695314	271.648	ug/l	99
30) Chloroform	5.20	83	470923	51.715	ug/l	98
31) Cyclohexane	5.57	56	415161	48.594	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	391974	50.506	ug/l	99
36) 1,1-Dichloropropene	5.79	75	348525	48.431	ug/l	100
37) Ethyl Acetate	4.82	43	418586	52.674	ug/l	99
38) Carbon Tetrachloride	5.78	117	327205	49.911	ug/l	97

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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	7.46	83	407063	45.811	ug/l	97
40) Benzene	6.14	78	1098665	49.619	ug/l	100
41) Methacrylonitrile	5.03	41	233766	53.017	ug/l	98
42) 1,2-Dichloroethane	6.18	62	380819	50.737	ug/l	100
43) Isopropyl Acetate	6.43	43	688896	52.382	ug/l	100
44) Trichloroethene	7.20	130	295324	48.288	ug/l	99
45) 1,2-Dichloropropane	7.51	63	290668	51.217	ug/l	99
46) Dibromomethane	7.65	93	186306	49.653	ug/l	100
47) Bromodichloromethane	7.89	83	366894	51.919	ug/l	99
48) Methyl methacrylate	7.76	41	339135	52.661	ug/l	99
49) 1,4-Dioxane	7.73	88	133134	1015.870	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2145714	259.791	ug/l	100
52) Toluene	8.78	92	686833	49.076	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	401754	51.848	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	451240	52.272	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	285787	50.949	ug/l	97
56) Ethyl methacrylate	9.17	69	461618	52.390	ug/l	100
57) 1,3-Dichloropropane	9.37	76	479784	50.838	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	906999	272.008	ug/l	100
59) 2-Hexanone	9.48	43	1685770	253.544	ug/l	99
60) Dibromochloromethane	9.57	129	293849	52.703	ug/l	99
61) 1,2-Dibromoethane	9.67	107	294554	51.324	ug/l	100
64) Tetrachloroethene	9.33	164	351567	56.116	ug/l	96
65) Chlorobenzene	10.14	112	731649	48.602	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	275610	51.275	ug/l	99
67) Ethyl Benzene	10.25	91	1279698	49.445	ug/l	100
68) m/p-Xylenes	10.35	106	974560	97.904	ug/l	100
69) o-Xylene	10.70	106	476476	48.806	ug/l	98
70) Styrene	10.71	104	819603	49.647	ug/l	99
71) Bromoform	10.85	173	227351	52.619	ug/l	99
73) Isopropylbenzene	11.01	105	1239261	50.056	ug/l	100
74) N-amyl acetate	10.89	43	607587	52.356	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	434080	50.573	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	501229	65.659	ug/l	87
77) Bromobenzene	11.25	156	332384	48.796	ug/l	98
78) n-propylbenzene	11.35	91	1397479	50.324	ug/l	99
79) 2-Chlorotoluene	11.42	91	837406	49.608	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1040326	49.929	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	139891	51.723	ug/l	98
82) 4-Chlorotoluene	11.51	91	956013	48.824	ug/l	99
83) tert-Butylbenzene	11.76	119	939864	46.352	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	1050709	50.355	ug/l	100
85) sec-Butylbenzene	11.94	105	1184668	49.490	ug/l	100
86) p-Isopropyltoluene	12.06	119	1098544	50.170	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	575211	48.182	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	574362	47.316	ug/l	99
89) n-Butylbenzene	12.39	91	921207	49.306	ug/l	99
90) Hexachloroethane	12.59	117	196500	49.962	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	582757	48.491	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	92985	48.955	ug/l	99

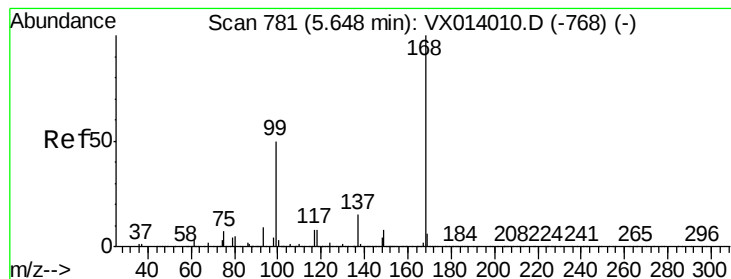
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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	388992	49.801	ug/l	99
94) Hexachlorobutadiene	13.78	225	179559	47.832	ug/l	99
95) Naphthalene	13.83	128	1226452	53.442	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	391268	50.744	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

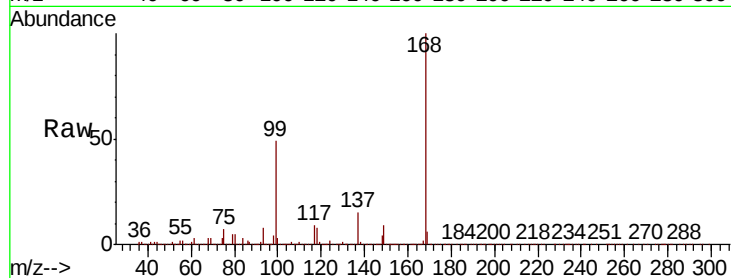
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 504466

Ion Ratio Lower Upper

168 100

99 49.0 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

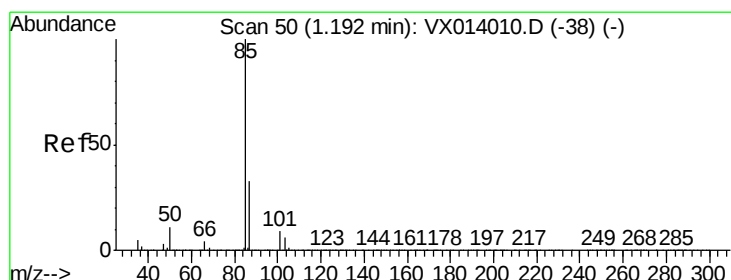
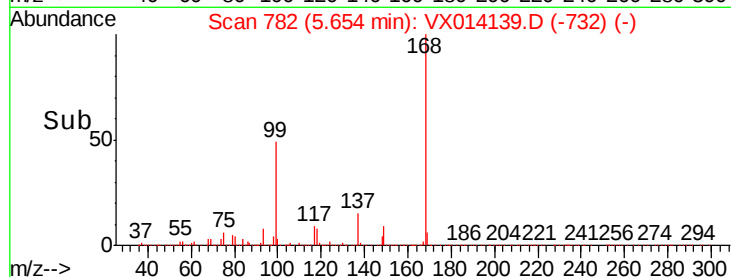
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 45.528 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014139.D

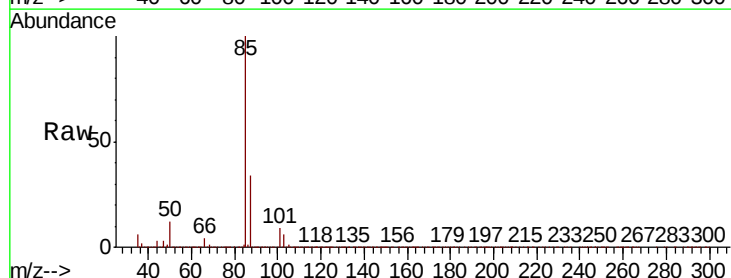
Acq: 19 Dec 2019 22:50

Tgt Ion: 85 Resp: 205472

Ion Ratio Lower Upper

85 100

87 34.3 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

250000

200000

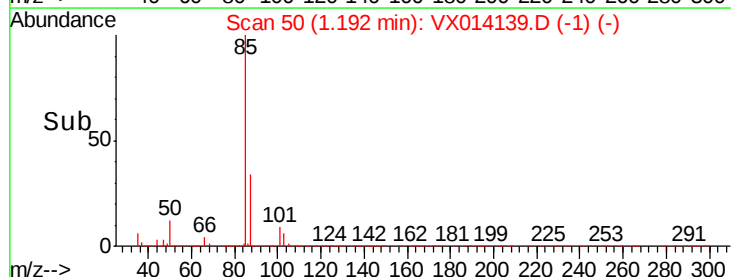
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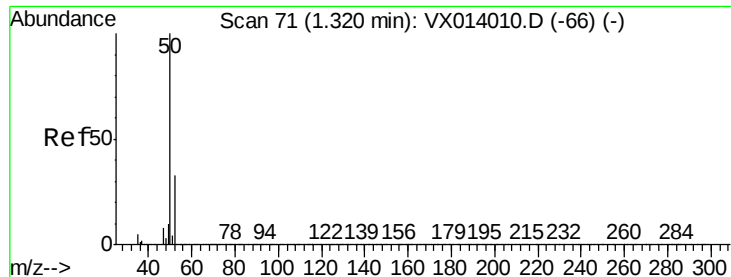
100000

50000

0

Time-->





#3

Chloromethane

Concen: 49.027 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Instrument :

MSVOA_X

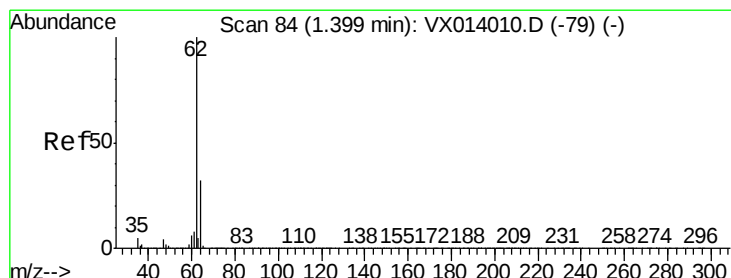
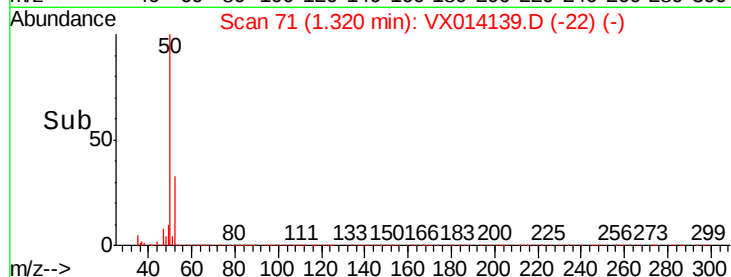
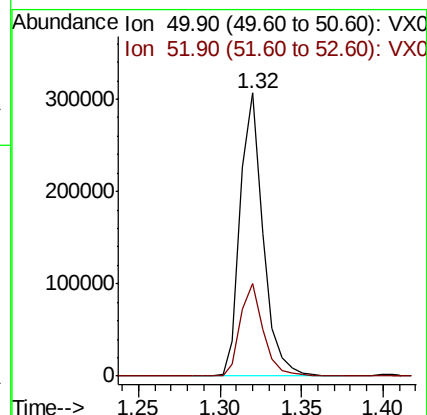
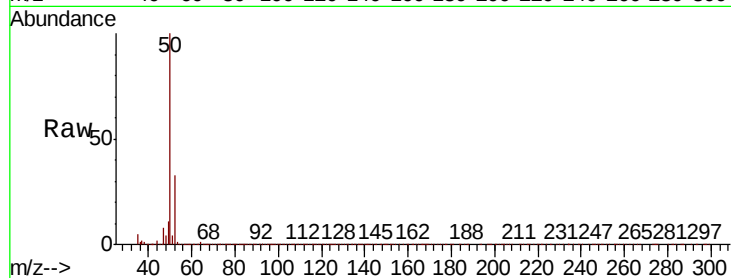
ClientSampleId :

Tot Ion: 50 Resp: 296941

Ion Ratio Lower Upper

50 100

52 32.6 26.2 39.4



#4

Vinyl Chloride

Concen: 48.564 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014139.D

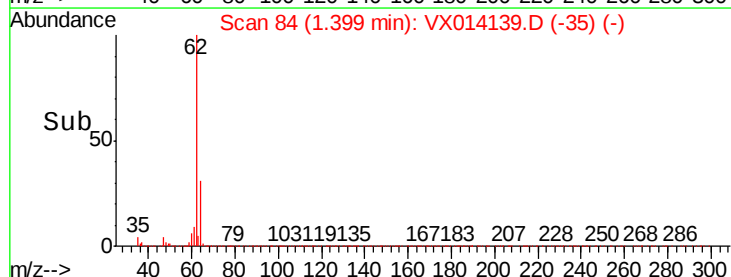
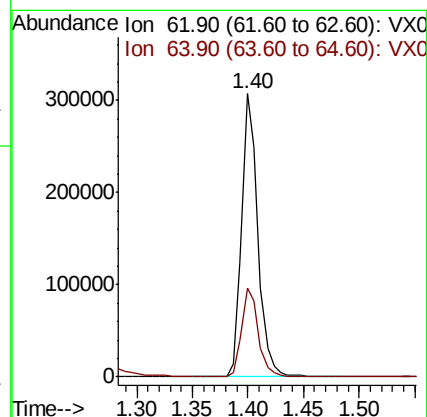
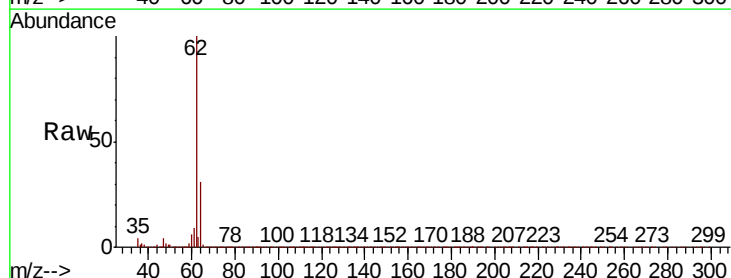
Acq: 19 Dec 2019 22:50

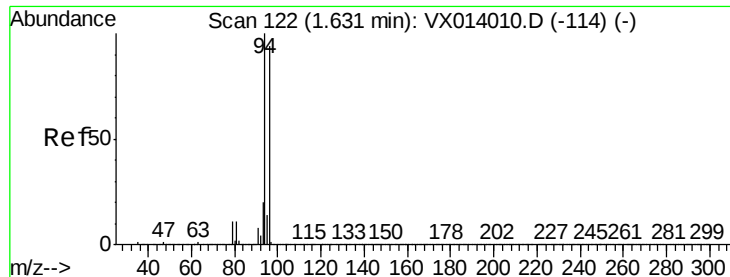
Tgt Ion: 62 Resp: 310367

Ion Ratio Lower Upper

62 100

64 31.2 25.7 38.5





#5

Bromomethane

Concen: 46.892 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

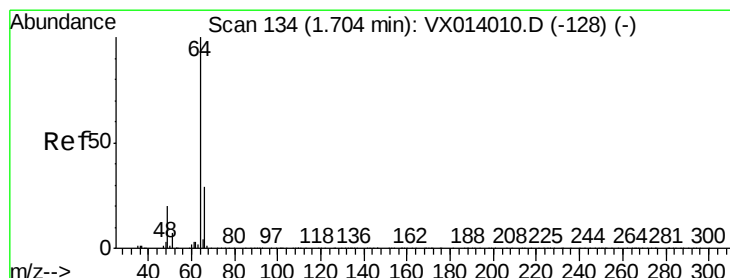
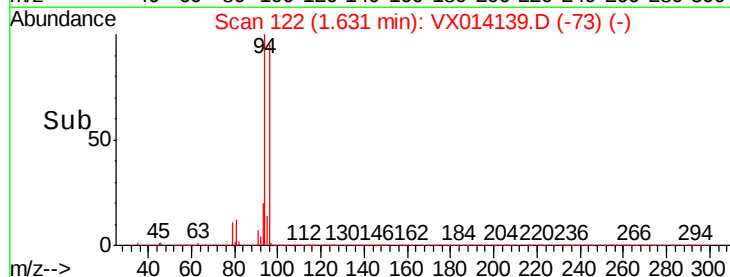
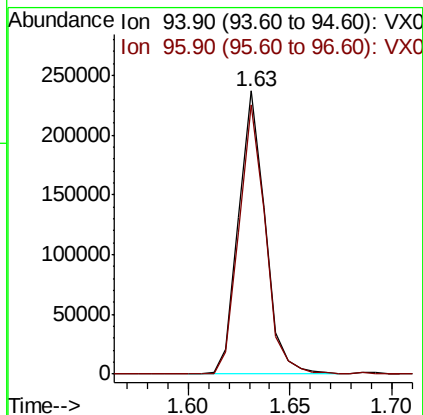
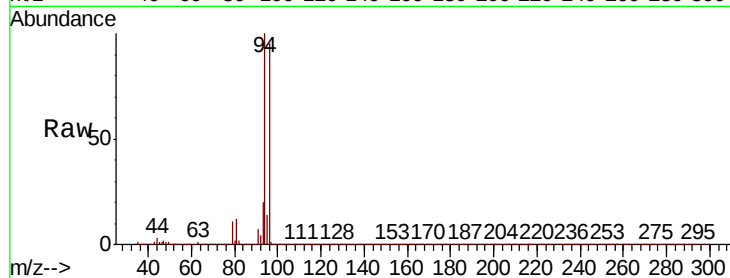
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 212700

Ion Ratio Lower Upper

94 100

96 95.2 75.2 112.8



#6

Chloroethane

Concen: 50.389 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014139.D

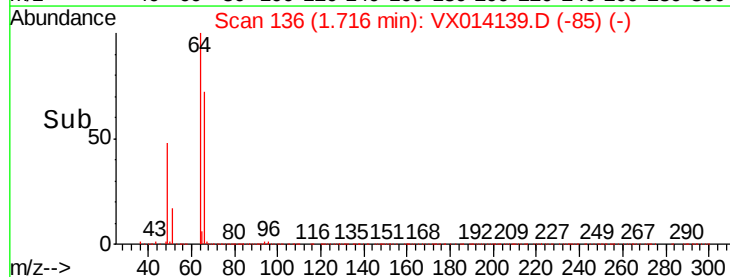
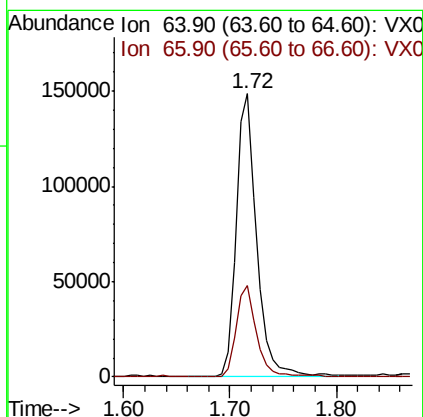
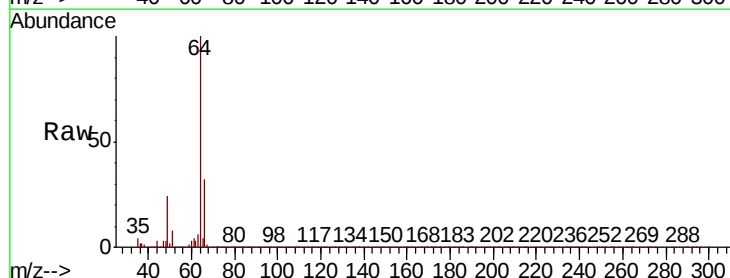
Acq: 19 Dec 2019 22:50

Tgt Ion: 64 Resp: 198753

Ion Ratio Lower Upper

64 100

66 32.1 23.4 35.2



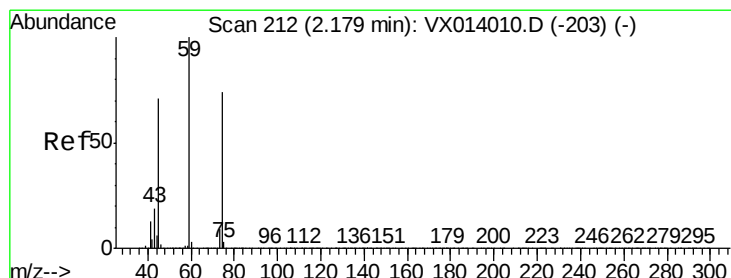
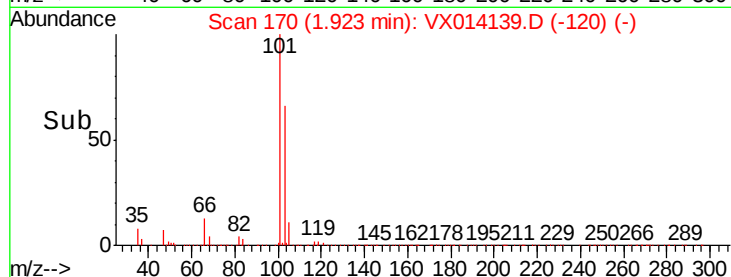
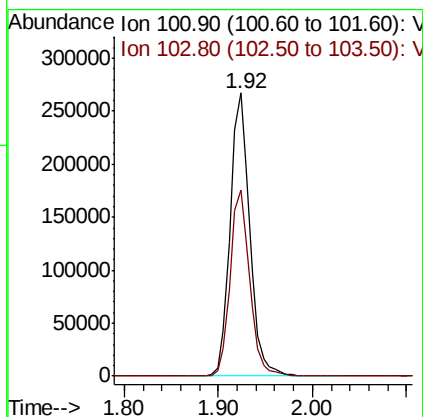
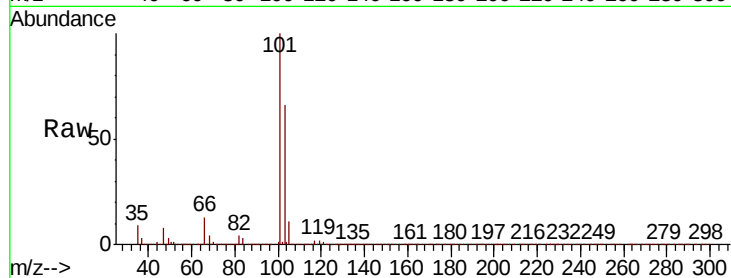


#7

Trichlorofluoromethane
Concen: 48.578 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

Instrument :
MSVOA_X
ClientSampleId :

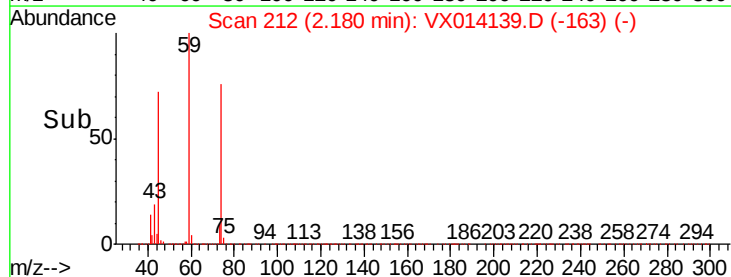
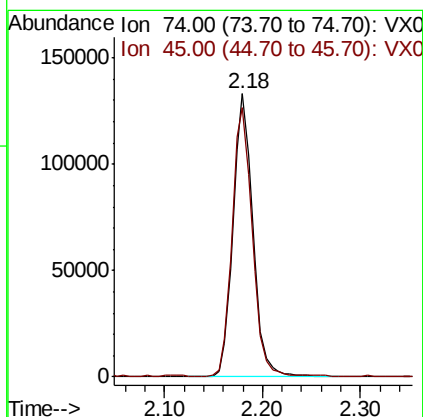
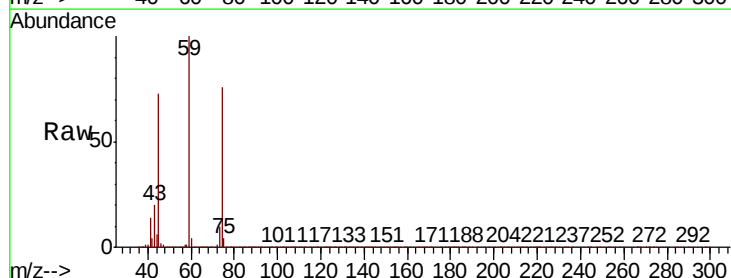
Tot Ion:101 Resp: 384314
Ion Ratio Lower Upper
101 100
103 65.6 52.2 78.4

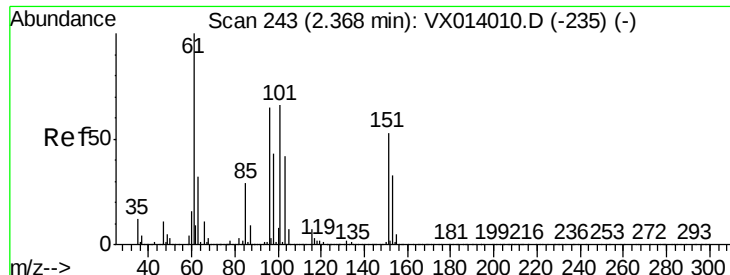


#8

Diethyl Ether
Concen: 50.176 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

Tgt Ion: 74 Resp: 186299
Ion Ratio Lower Upper
74 100
45 97.4 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.862 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Instrument :

MSVOA_X

ClientSampleId :

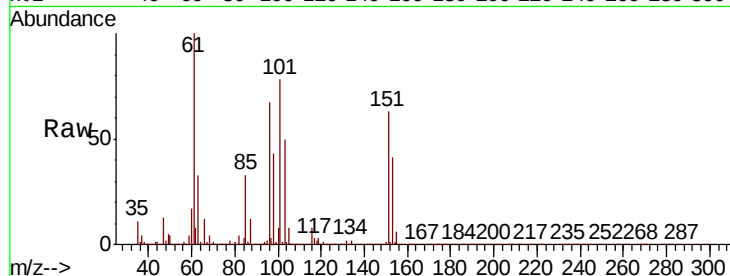
Tot Ion:101 Resp: 228250

Ion Ratio Lower Upper

101 100

85 42.1 33.7 50.5

151 80.2 64.5 96.7

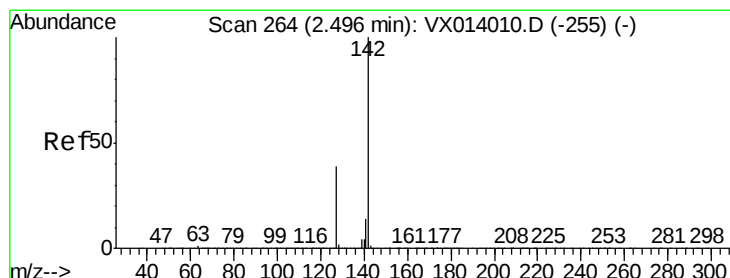
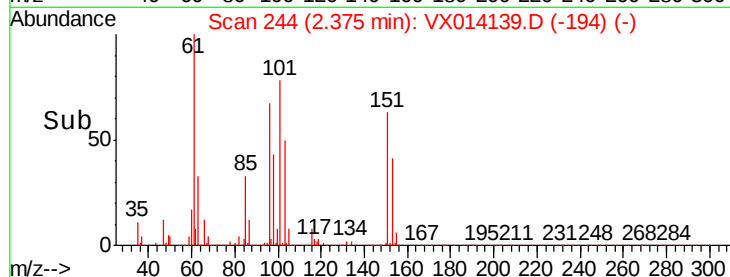
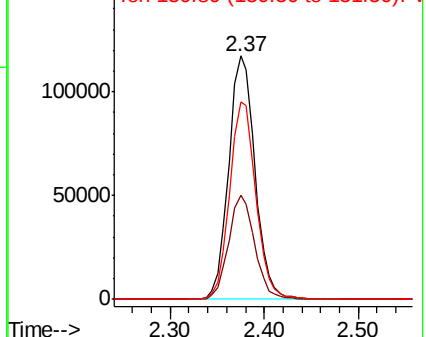


Abundance

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: 49.152 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

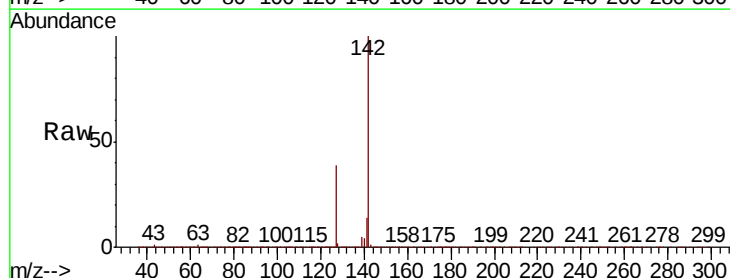
Tgt Ion:142 Resp: 308825

Ion Ratio Lower Upper

142 100

127 39.2 31.6 47.4

141 14.3 11.6 17.4

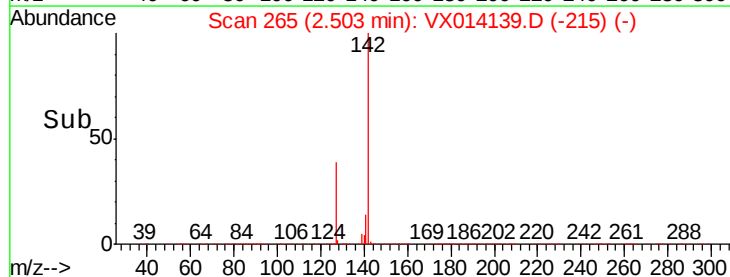
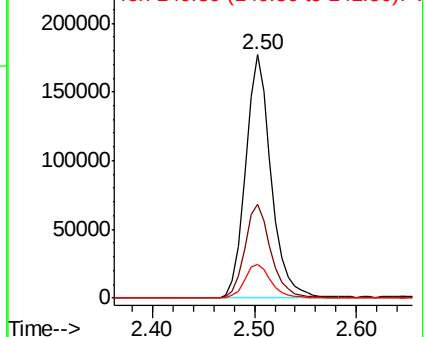


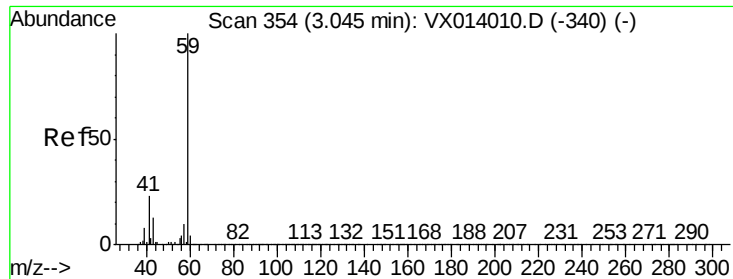
Abundance

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



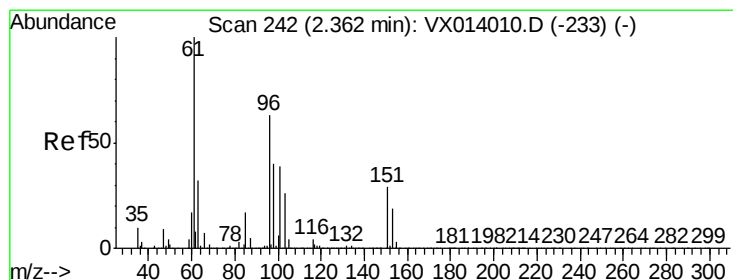
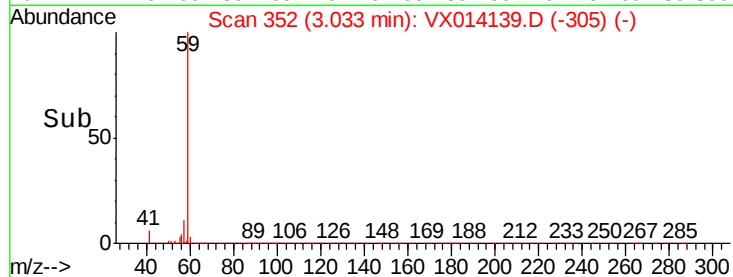
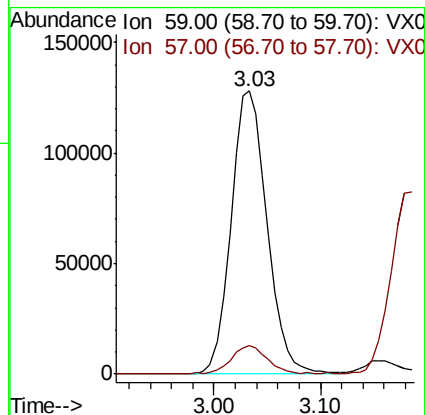
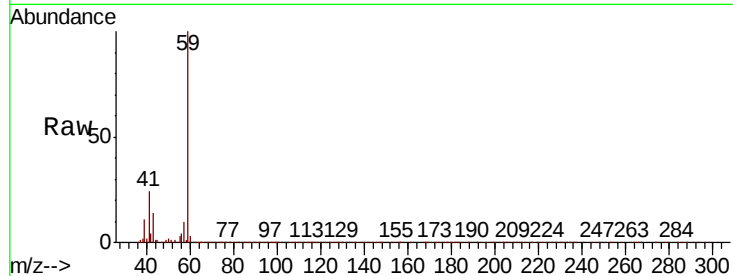


#11

Tert butyl alcohol
 Concen: 243.756 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX014139.D
 Acq: 19 Dec 2019 22:50

Instrument :
 MSVOA_X
 ClientSampled :

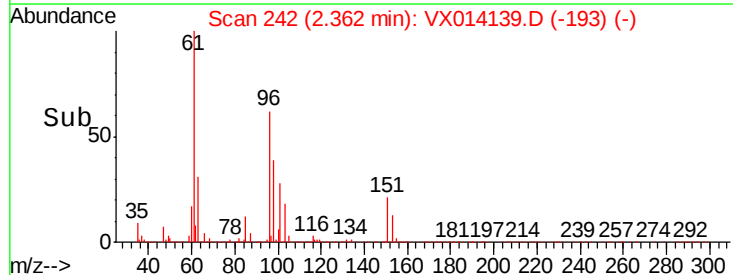
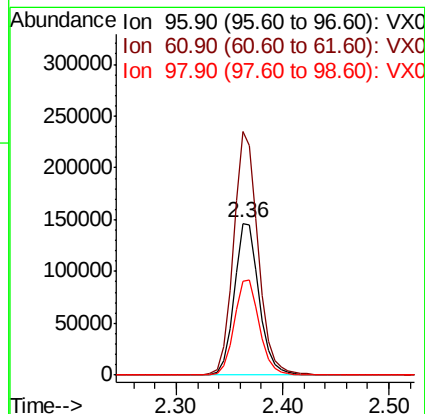
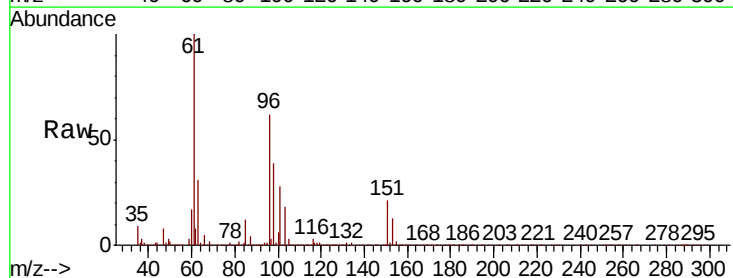
Tot Ion: 59 Resp: 301137
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.4 12.6

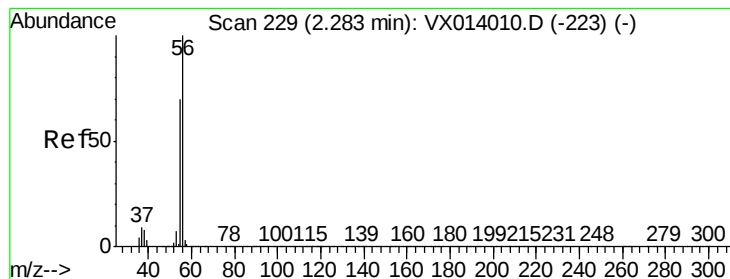


#12

1,1-Dichloroethene
 Concen: 49.025 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX014139.D
 Acq: 19 Dec 2019 22:50

Tgt Ion: 96 Resp: 237898
 Ion Ratio Lower Upper
 96 100
 61 160.2 127.9 191.9
 98 61.7 50.5 75.7





#13

Acrolein

Concen: 280.326 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

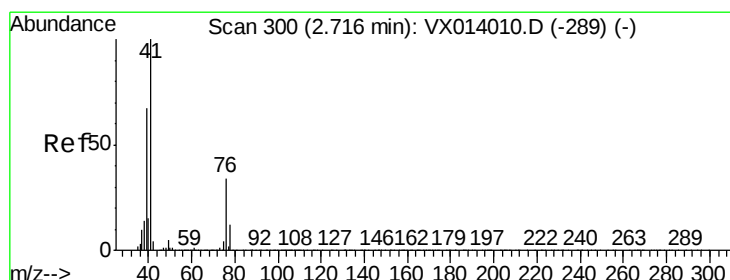
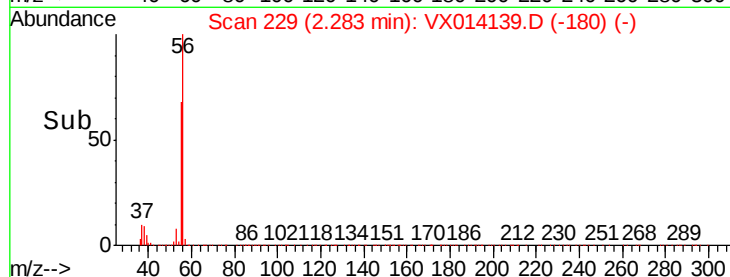
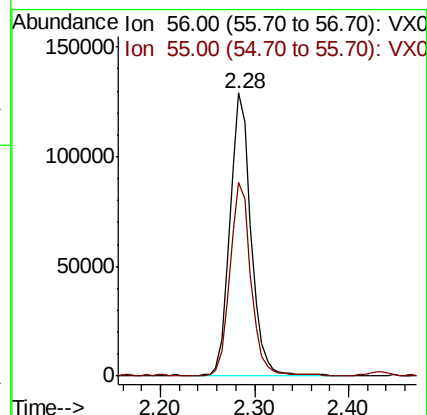
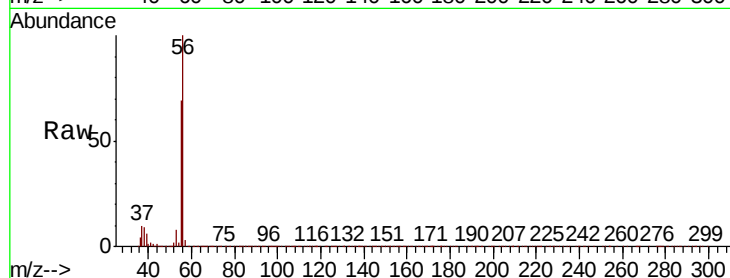
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 198242

Ion Ratio Lower Upper

56 100

55 67.9 56.9 85.3



#14

Allyl chloride

Concen: 51.318 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

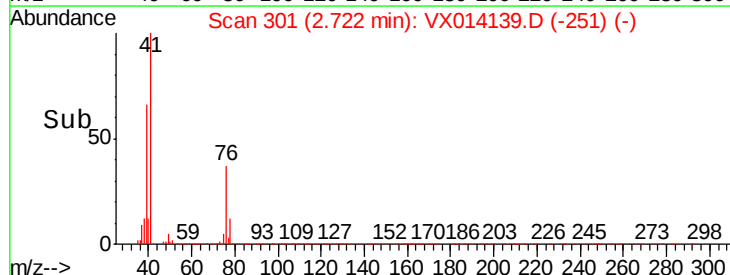
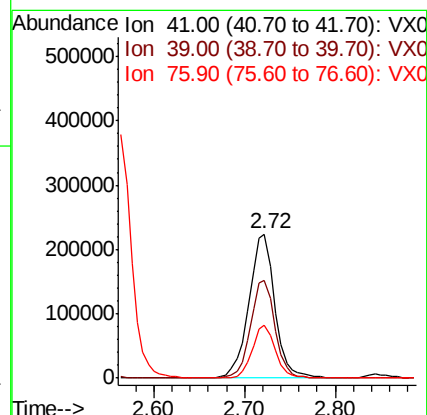
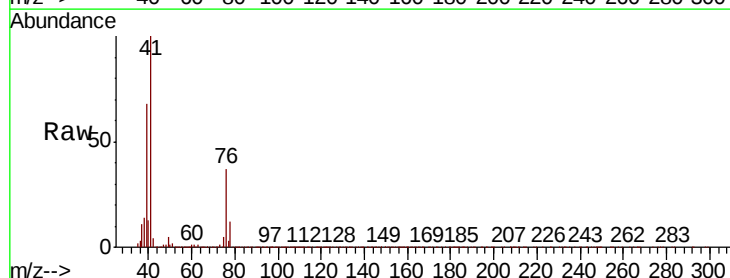
Tgt Ion: 41 Resp: 444631

Ion Ratio Lower Upper

41 100

39 63.3 51.8 77.8

76 32.5 25.9 38.9





#15

Acrylonitrile

Concen: 268.152 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Instrument :

MSVOA_X

ClientSampleId :

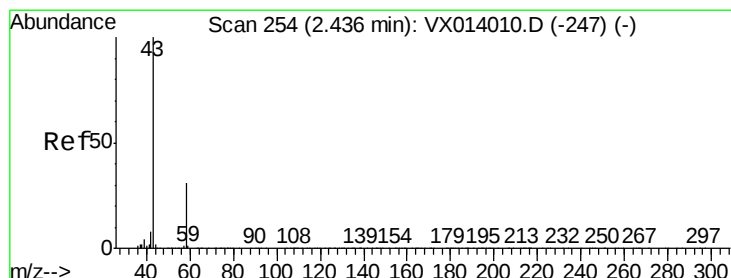
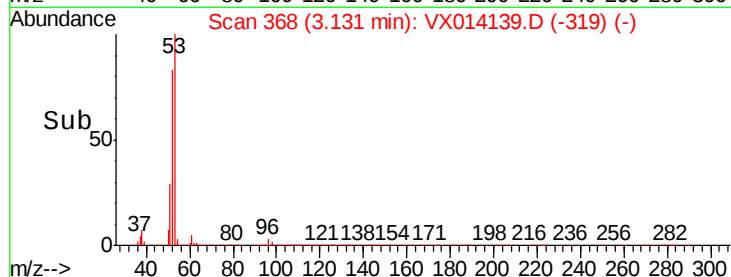
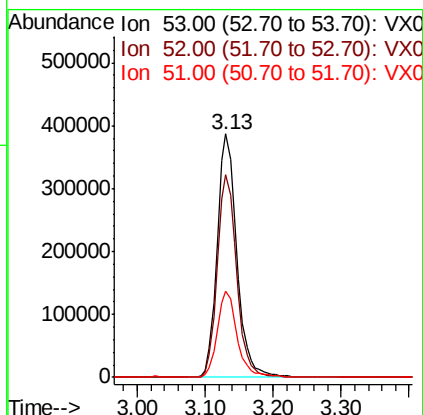
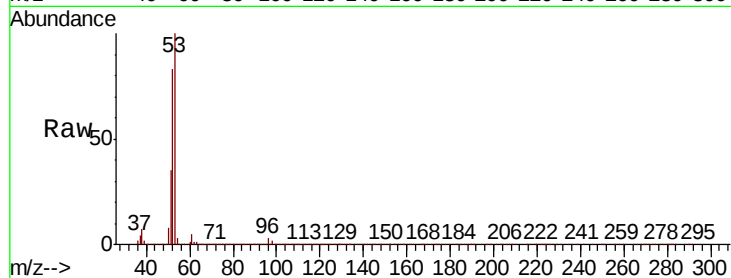
Tot Ion: 53 Resp: 773223

Ion Ratio Lower Upper

53 100

52 82.4 66.5 99.7

51 35.7 28.1 42.1



#16

Acetone

Concen: 212.263 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014139.D

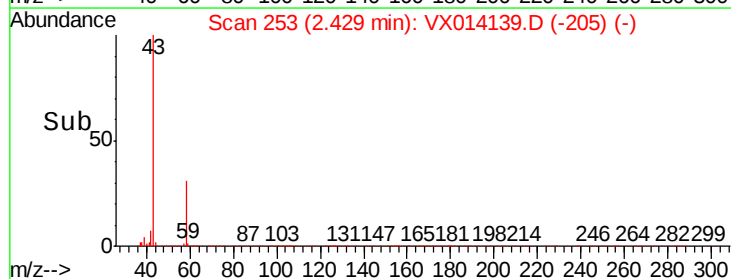
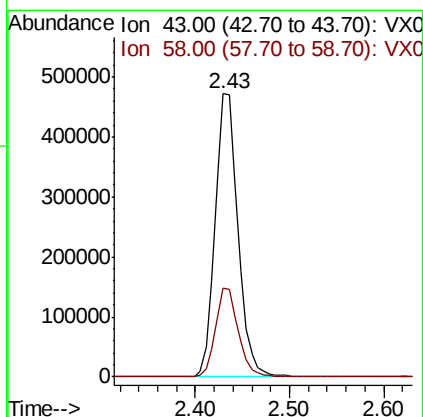
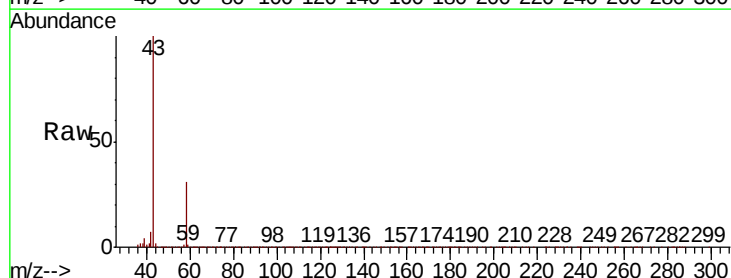
Acq: 19 Dec 2019 22:50

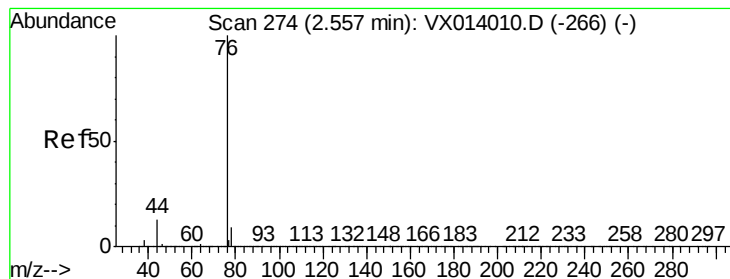
Tgt Ion: 43 Resp: 787884

Ion Ratio Lower Upper

43 100

58 31.3 24.9 37.3





#17

Carbon Disulfide

Concen: 46.708 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Instrument :

MSVOA_X

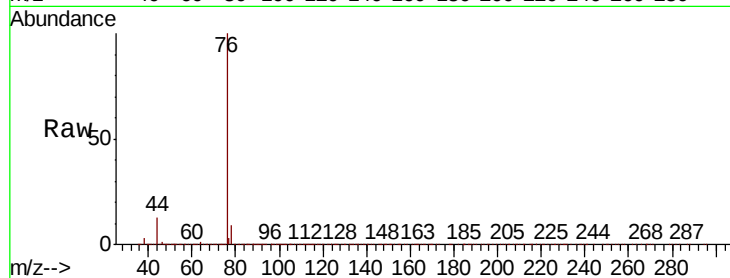
ClientSampleId :

Tot Ion: 76 Resp: 628558

Ion Ratio Lower Upper

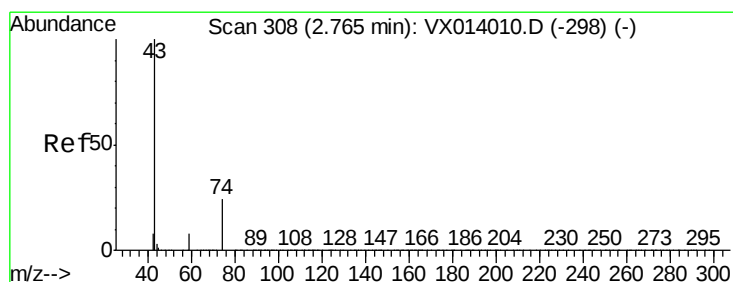
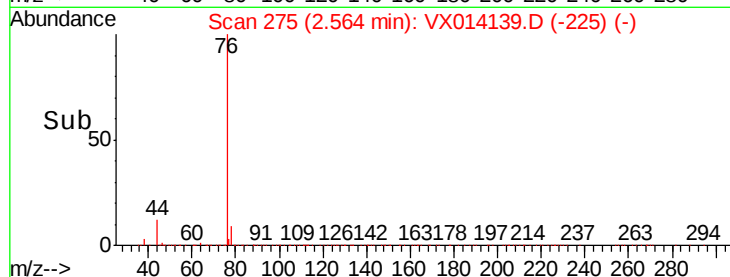
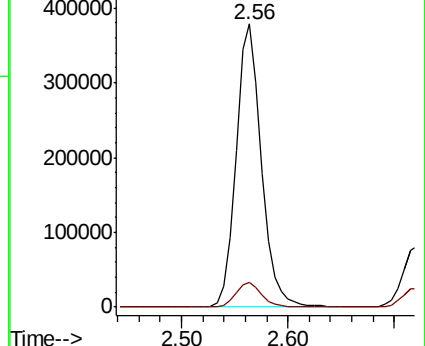
76 100

78 8.9 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 53.826 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014139.D

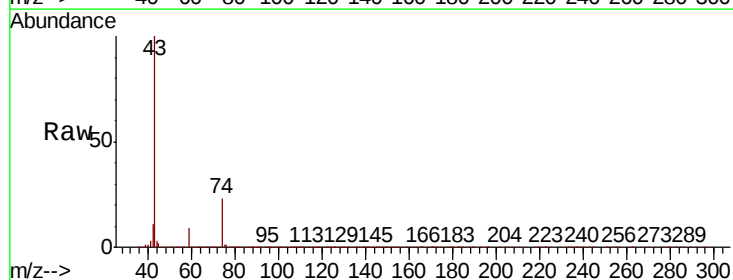
Acq: 19 Dec 2019 22:50

Tgt Ion: 43 Resp: 395897

Ion Ratio Lower Upper

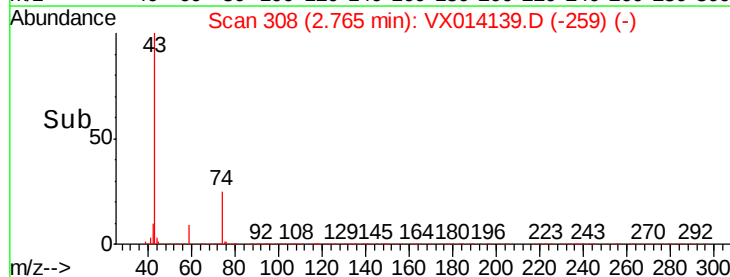
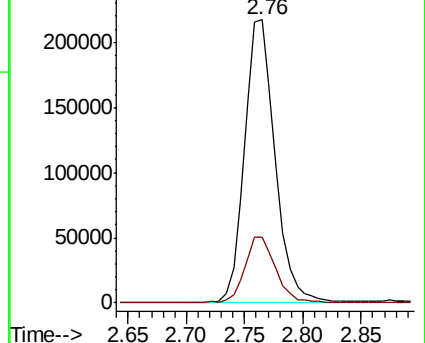
43 100

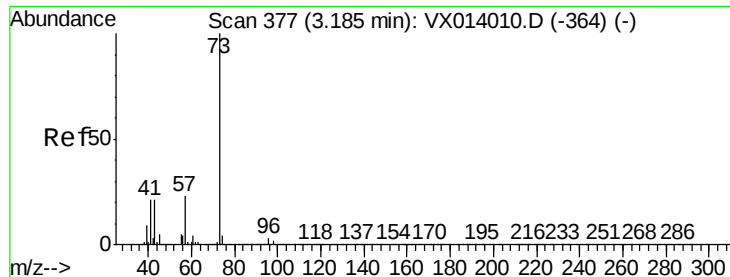
74 23.8 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

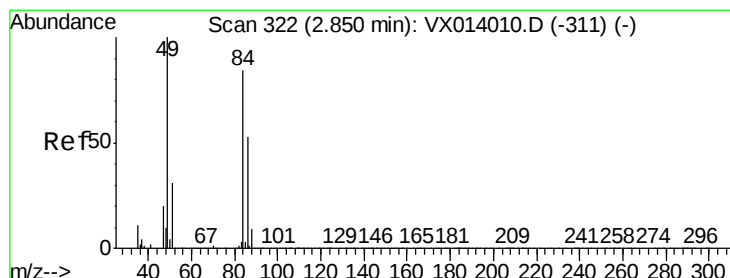
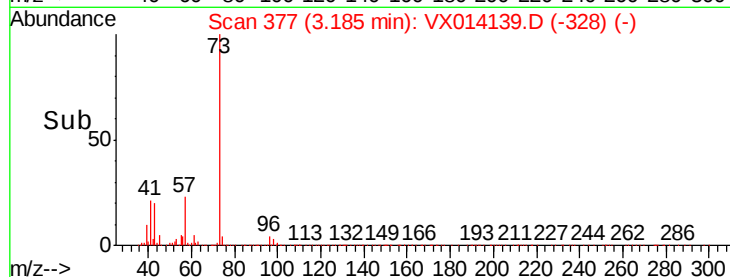
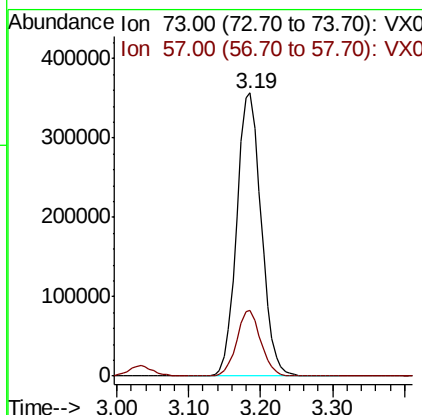
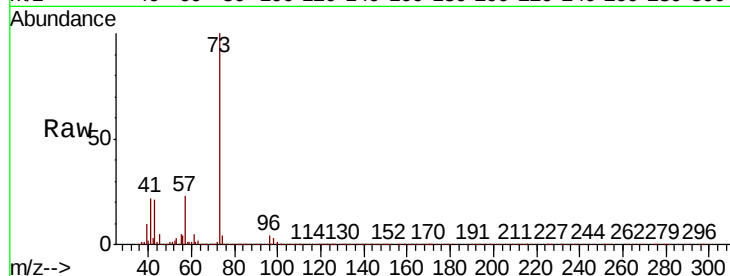




#19
Methyl tert-butyl Ether
Concen: 52.779 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

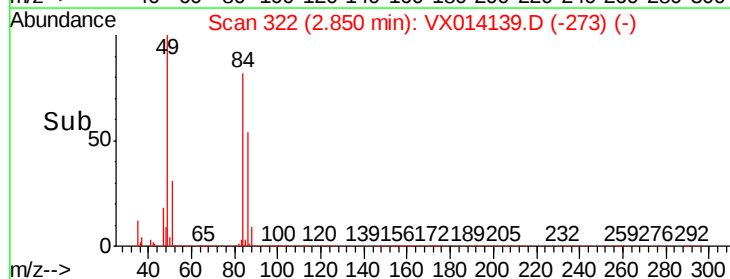
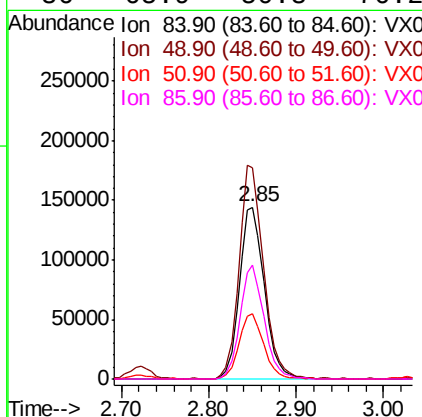
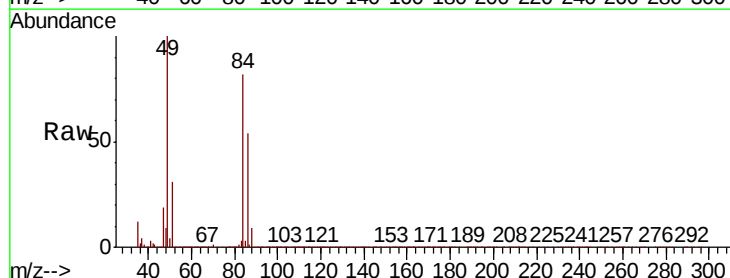
Instrument :
MSVOA_X
ClientSampleId :

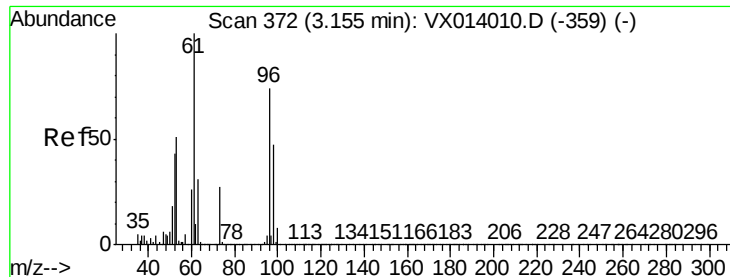
Tot Ion: 73 Resp: 841609
Ion Ratio Lower Upper
73 100
57 22.9 18.8 28.2



#20
Methylene Chloride
Concen: 48.917 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

Tgt Ion: 84 Resp: 285926
Ion Ratio Lower Upper
84 100
49 122.4 95.8 143.6
51 37.7 29.8 44.8
86 65.9 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 48.716 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Instrument :
MSVOA_X
ClientSampleId :

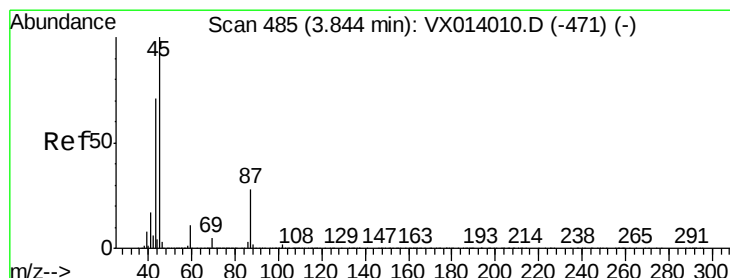
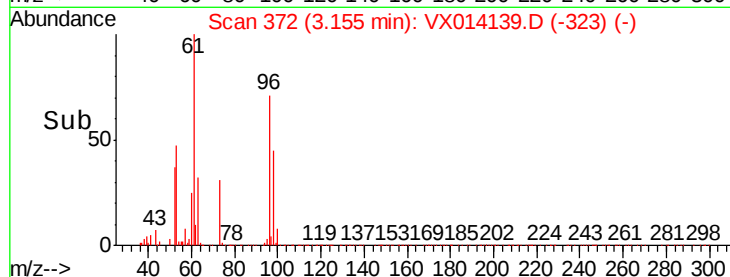
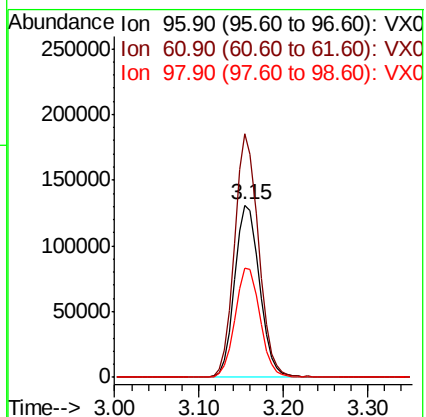
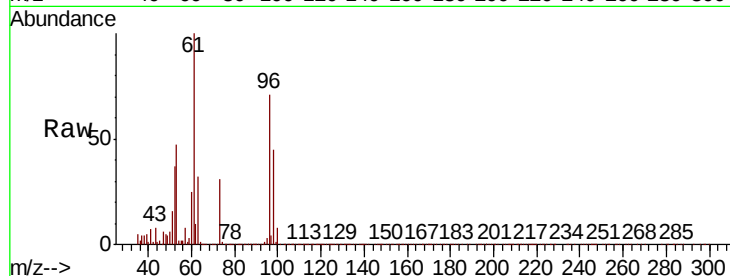
Tot Ion: 96 Resp: 260441

Ion Ratio Lower Upper

96 100

61 141.3 108.3 162.5

98 63.4 50.8 76.2



#22

Diisopropyl ether

Concen: 52.917 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Tgt Ion: 45 Resp: 913647

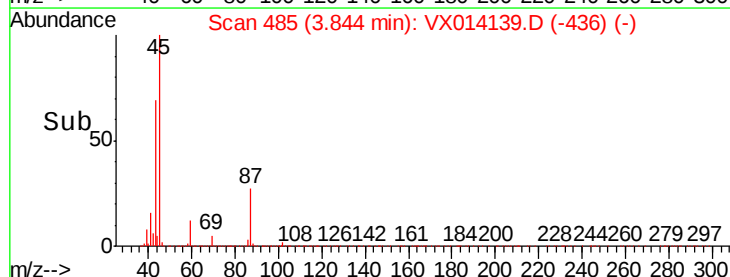
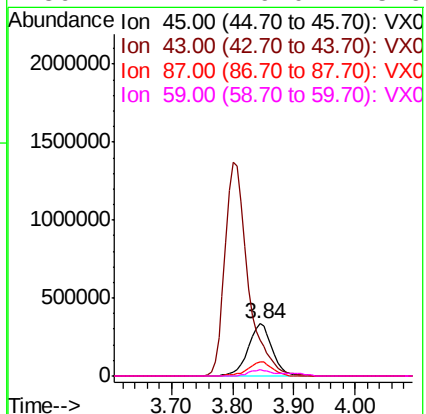
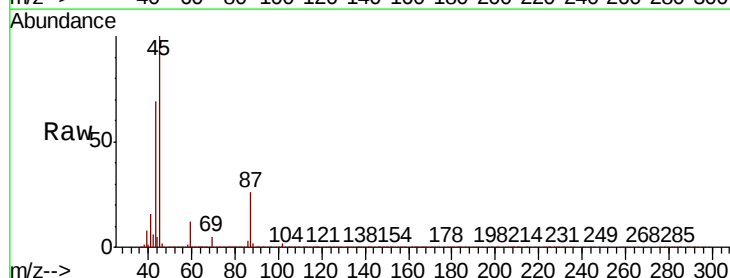
Ion Ratio Lower Upper

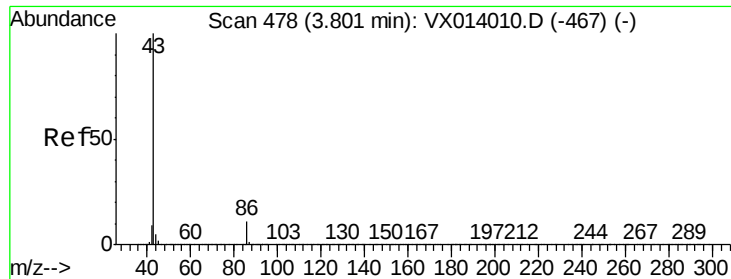
45 100

43 69.2 57.4 86.0

87 26.4 21.9 32.9

59 11.7 9.0 13.6

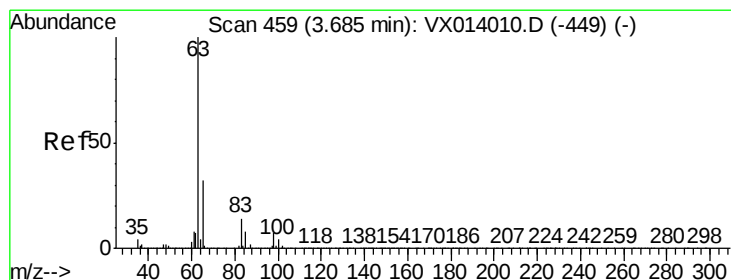
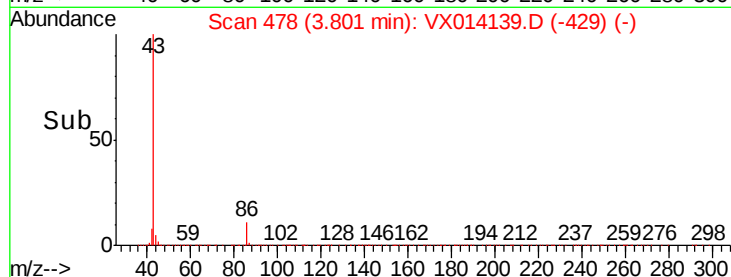
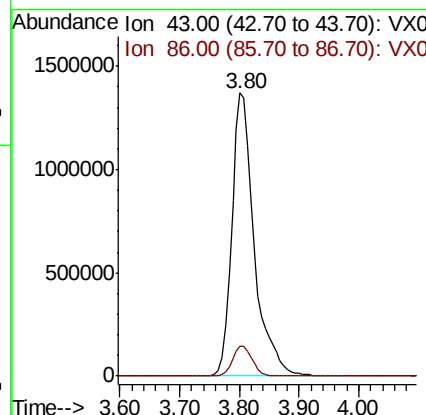
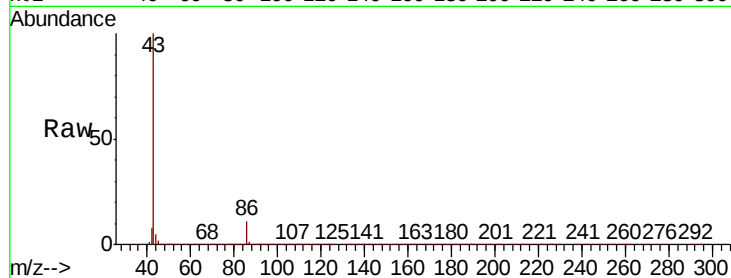




#23
 Vinyl Acetate
 Concen: 253.216 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: VX014139.D
 Acq: 19 Dec 2019 22:50

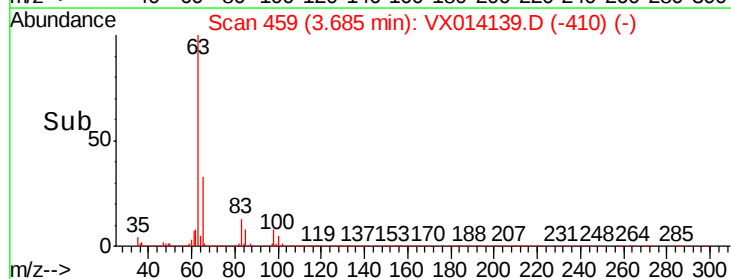
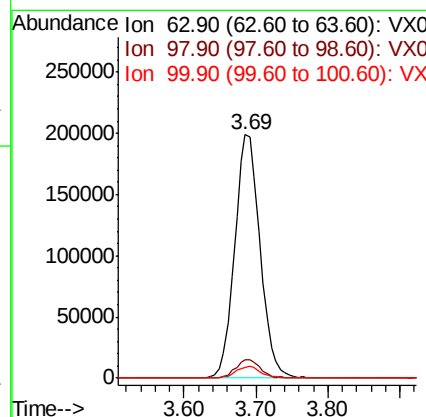
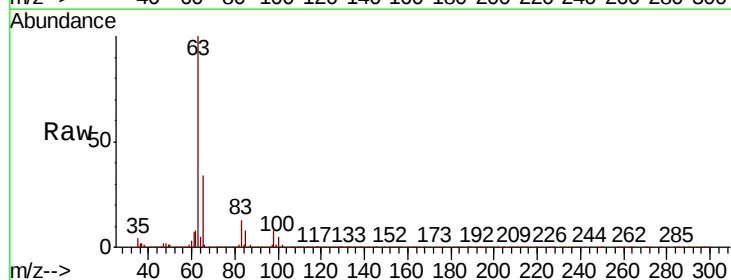
Instrument :
 MSVOA_X
 ClientSampleId :

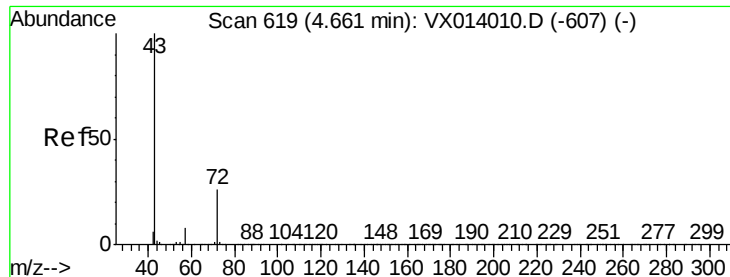
Tot Ion: 43 Resp: 3567761
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 50.536 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VX014139.D
 Acq: 19 Dec 2019 22:50

Tgt Ion: 63 Resp: 485442
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.6 10.8
 100 4.6 2.3 6.8





#25

2-Butanone

Concen: 247.758 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Instrument :

MSVOA_X

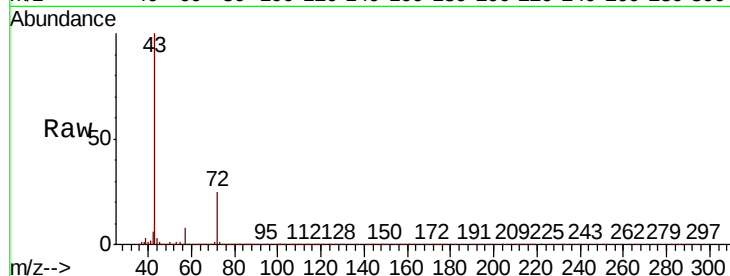
ClientSampleId :

Tot Ion: 43 Resp: 1133805

Ion Ratio Lower Upper

43 100

72 25.0 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.65

400000

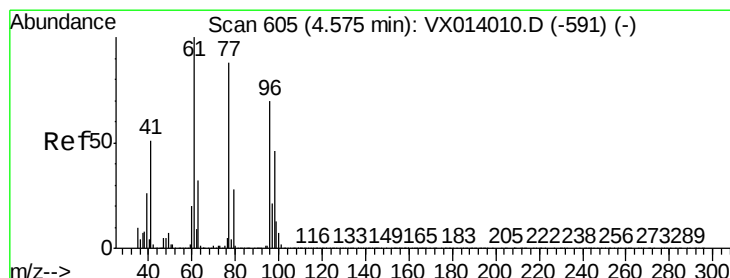
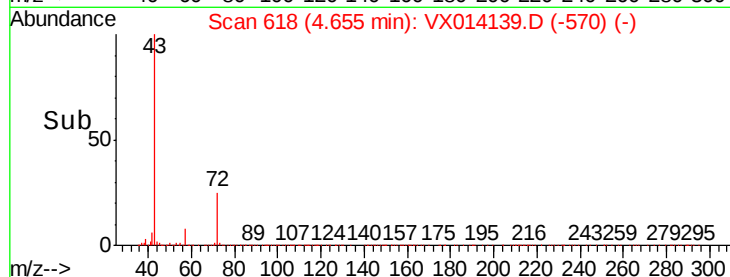
300000

200000

100000

0

Time-->



#26

2,2-Dichloropropane

Concen: 45.231 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014139.D

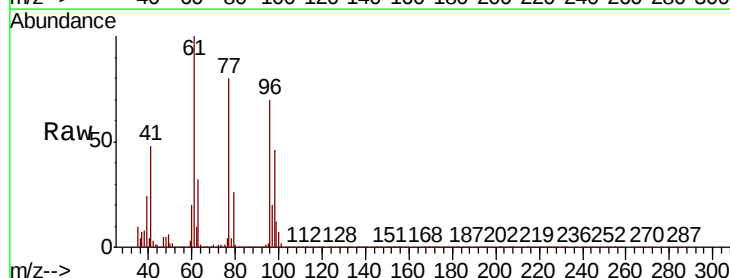
Acq: 19 Dec 2019 22:50

Tgt Ion: 77 Resp: 337339

Ion Ratio Lower Upper

77 100

97 24.9 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

120000

100000

80000

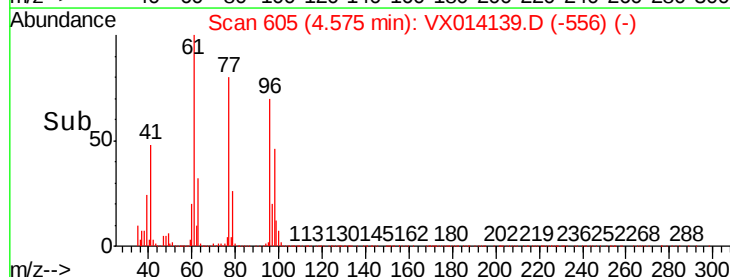
60000

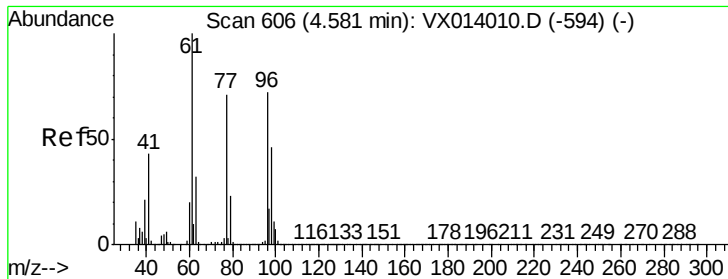
40000

20000

0

Time-->



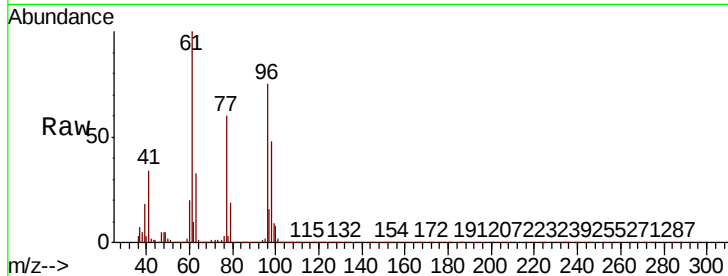


#27

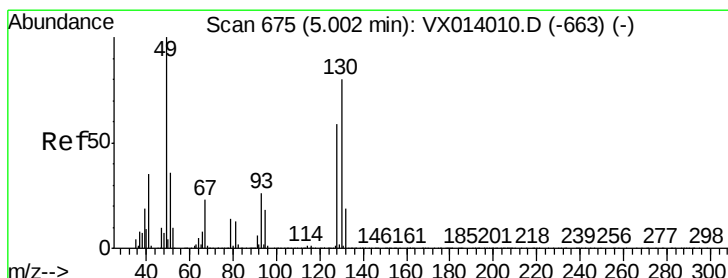
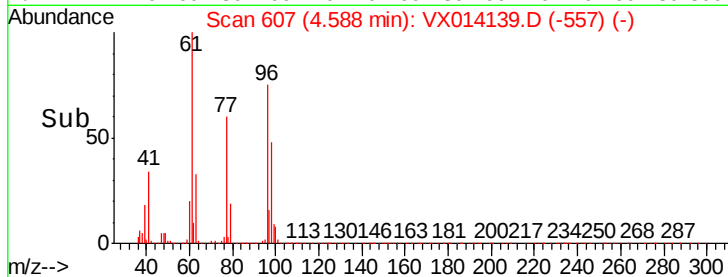
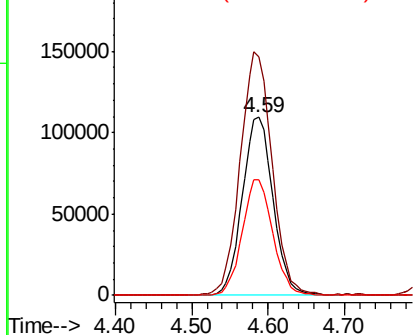
cis-1,2-Dichloroethene
Concen: 50.853 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.4	0.0	288.4
98	64.0	0.0	129.6



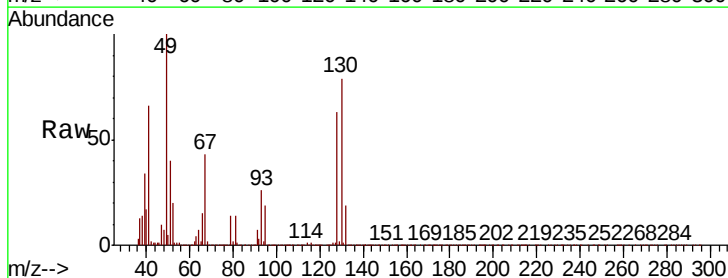
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



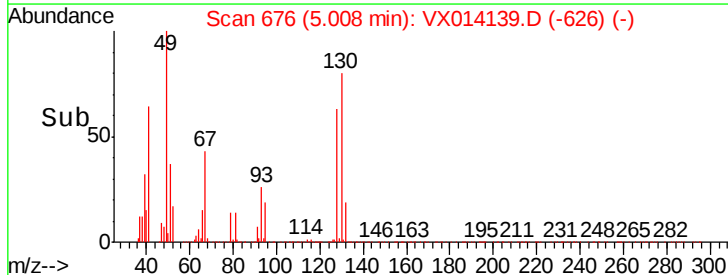
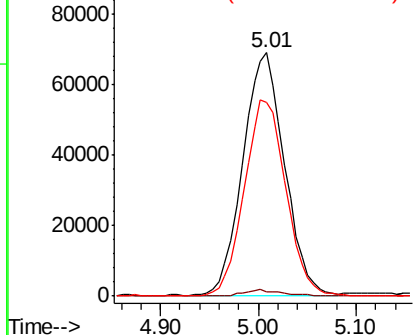
#28

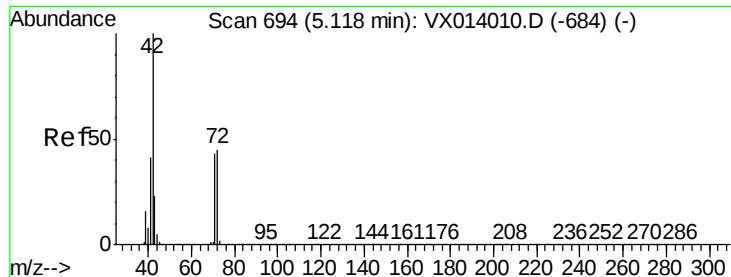
Bromochloromethane
Concen: 55.333 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.0
130	80.0	64.6	97.0



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 271.648 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Instrument :

MSVOA_X

ClientSampleId :

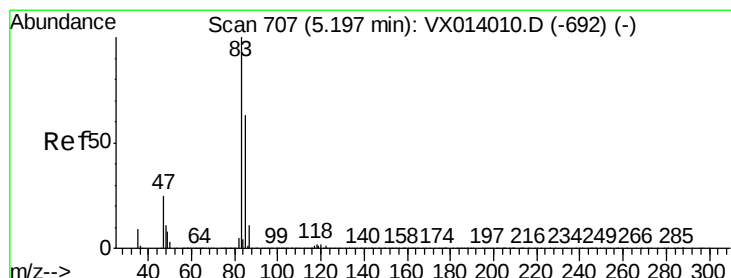
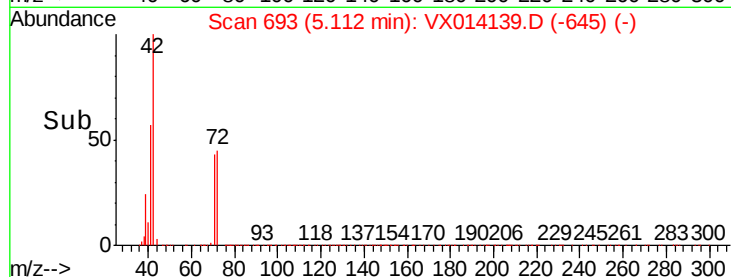
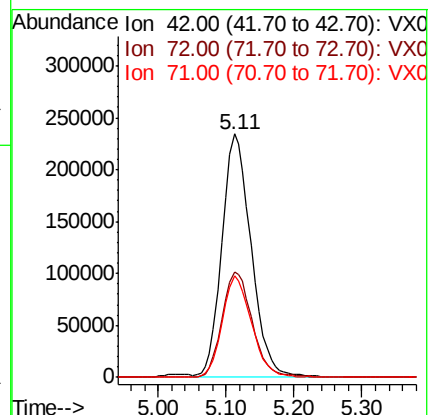
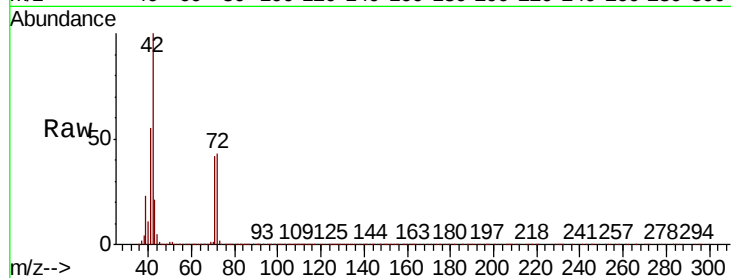
Tot Ion: 42 Resp: 695314

Ion Ratio Lower Upper

42 100

72 44.6 35.8 53.8

71 41.4 33.6 50.4



#30

Chloroform

Concen: 51.715 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX014139.D

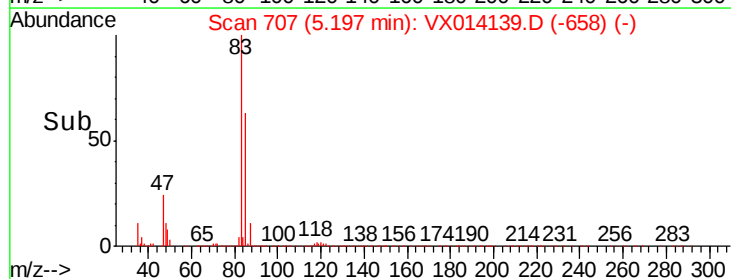
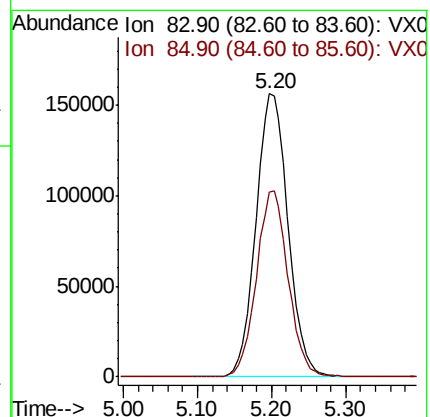
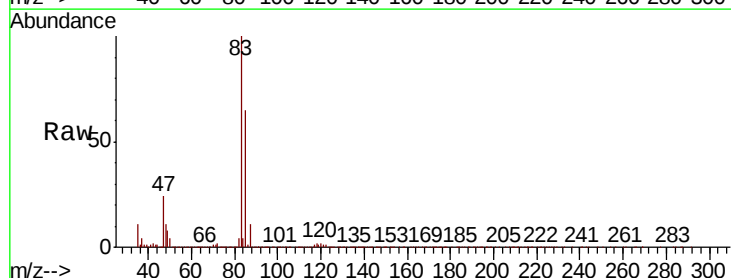
Acq: 19 Dec 2019 22:50

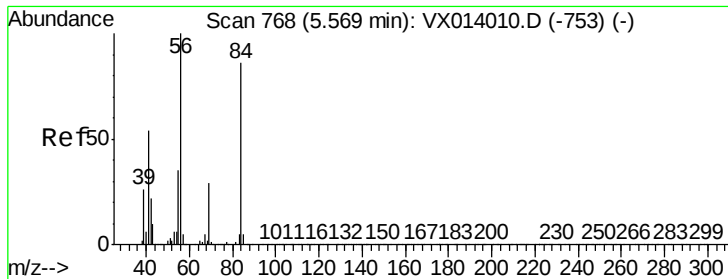
Tgt Ion: 83 Resp: 470923

Ion Ratio Lower Upper

83 100

85 65.2 50.8 76.2

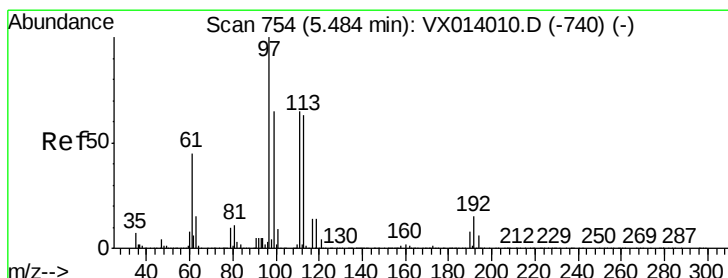
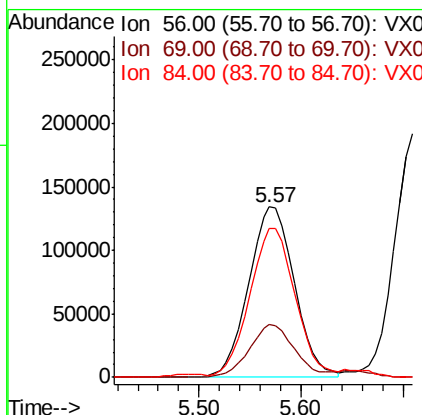
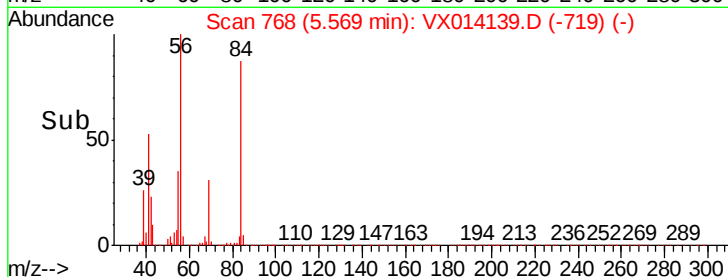
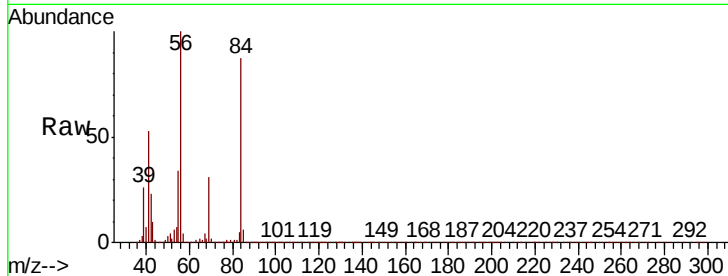




#31
Cyclohexane
Concen: 48.594 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

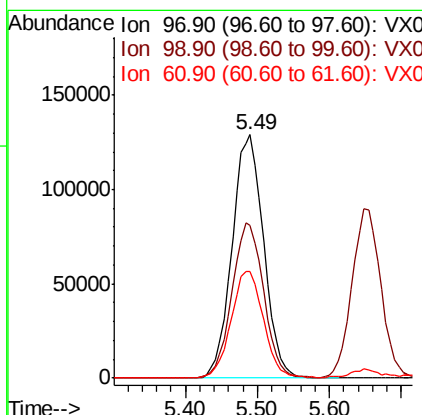
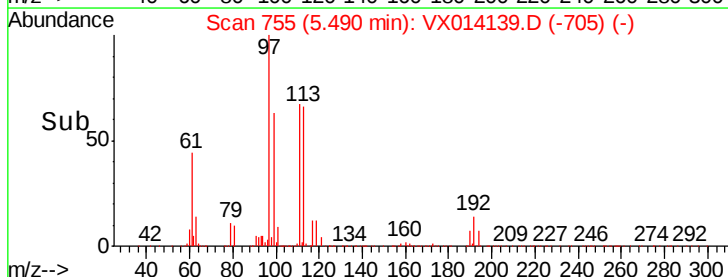
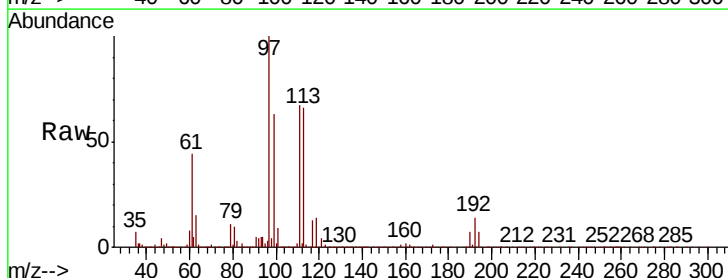
Instrument :
MSVOA_X
ClientSampleId :

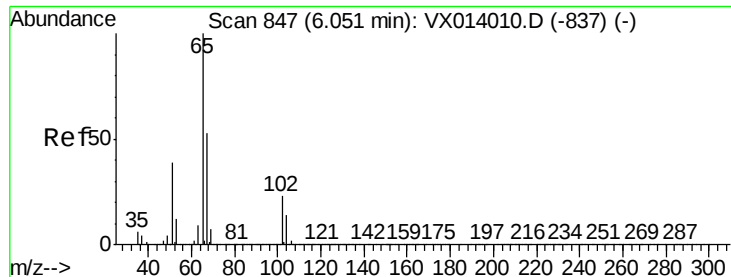
Tot Ion: 56 Resp: 415161
Ion Ratio Lower Upper
56 100
69 31.1 23.2 34.8
84 85.8 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 50.506 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

Tgt Ion: 97 Resp: 391974
Ion Ratio Lower Upper
97 100
99 63.9 52.0 78.0
61 44.8 36.7 55.1





#33

1,2-Dichloroethane-d4

Concen: 50.244 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Instrument :

MSVOA_X

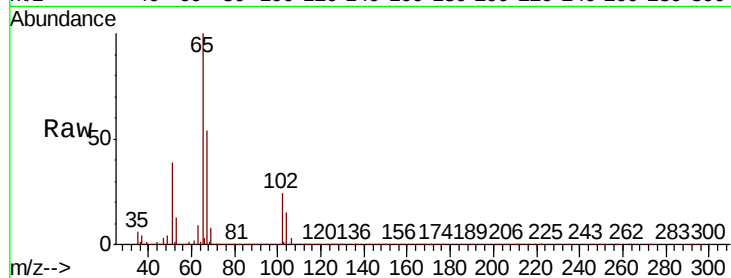
ClientSampleId :

Tot Ion: 65 Resp: 287267

Ion Ratio Lower Upper

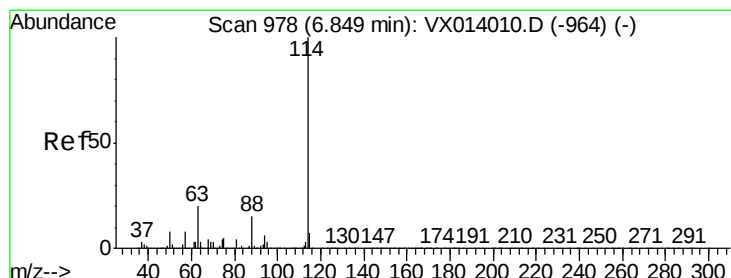
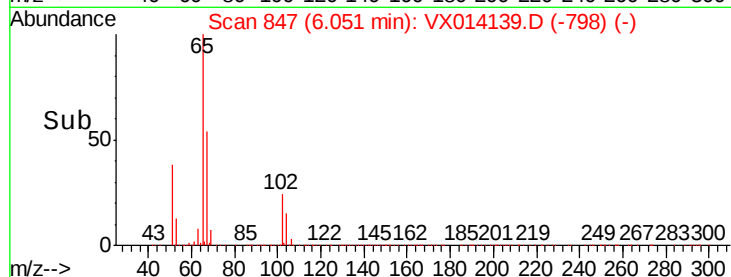
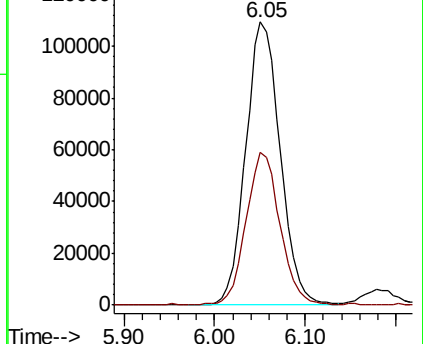
65 100

67 52.7 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: VX014139.D

Acq: 19 Dec 2019 22:50

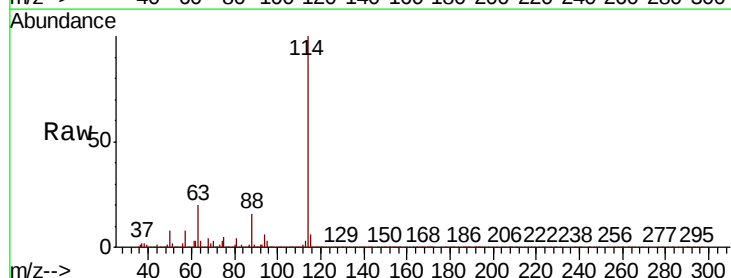
Tgt Ion: 114 Resp: 784291

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.8

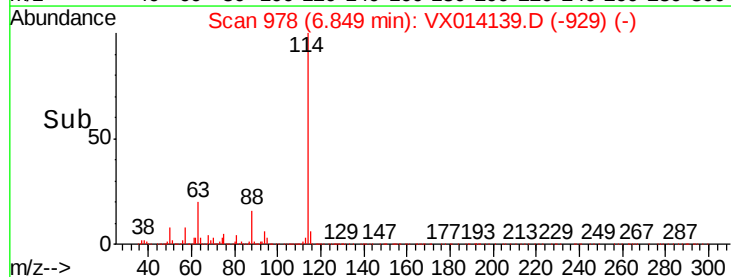
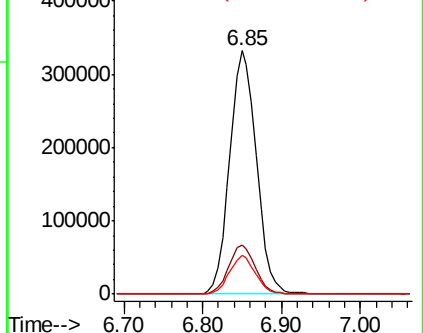
88 15.8 0.0 30.4

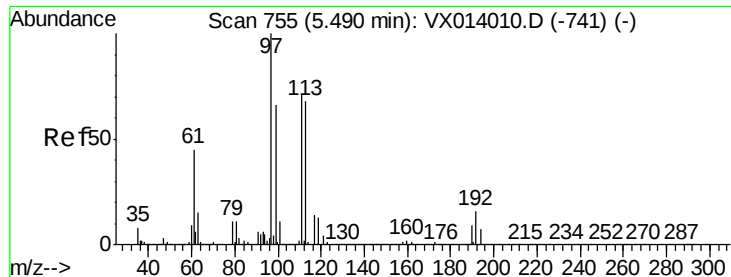


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.127 ug/l

RT: 5.49 min Scan# 755

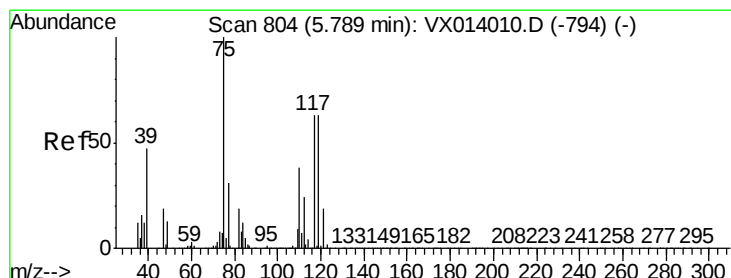
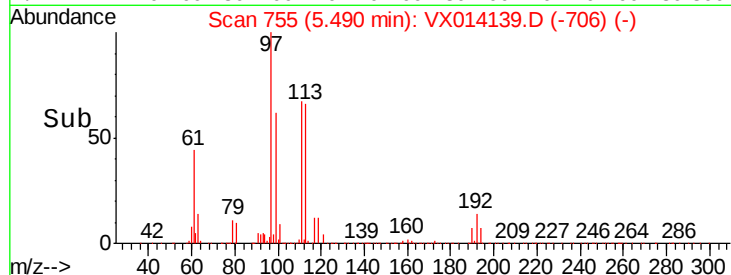
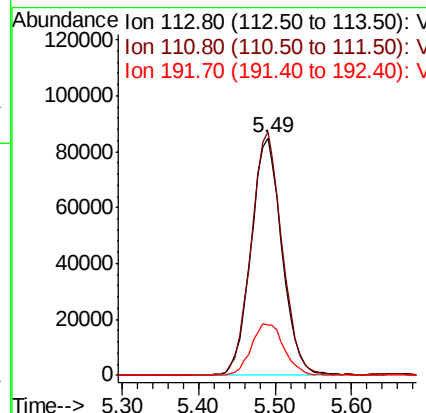
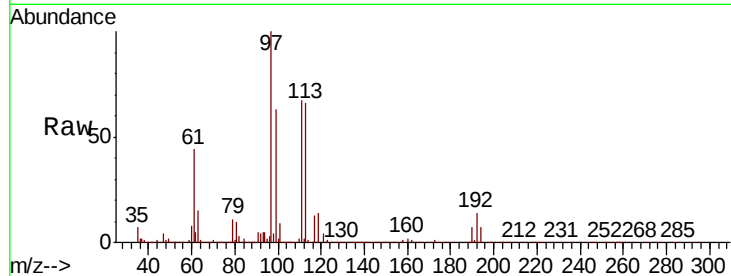
Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	113	Resp:	238987
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.0	123.0
192	23.2	19.3	28.9



#36

1,1-Dichloropropene

Concen: 48.431 ug/l

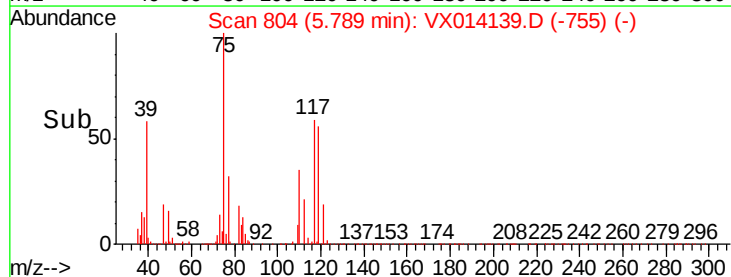
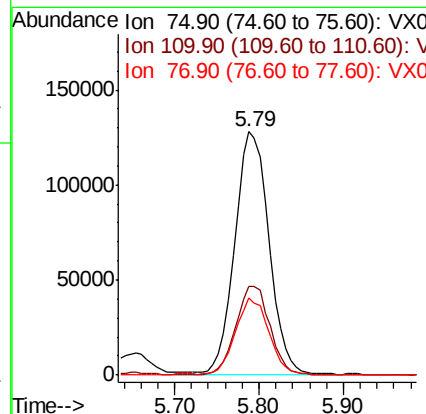
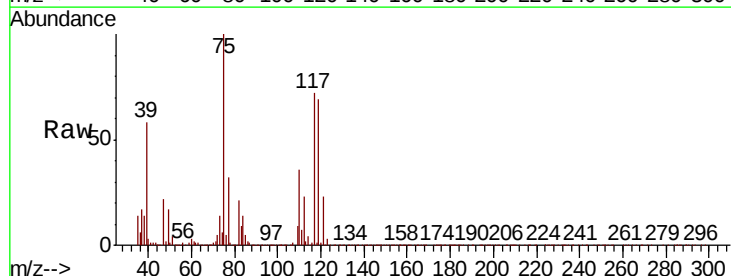
RT: 5.79 min Scan# 804

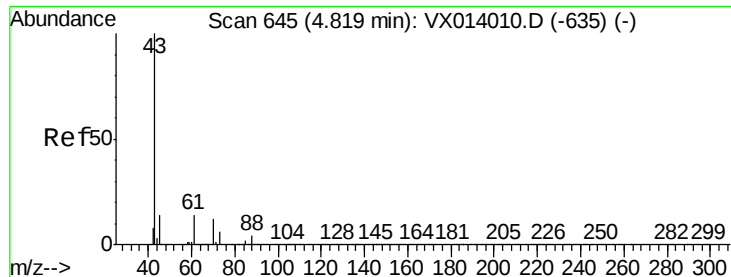
Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Tgt Ion:	75	Resp:	348525
Ion	Ratio	Lower	Upper
75	100		
110	36.6	18.3	54.9
77	30.6	24.8	37.2

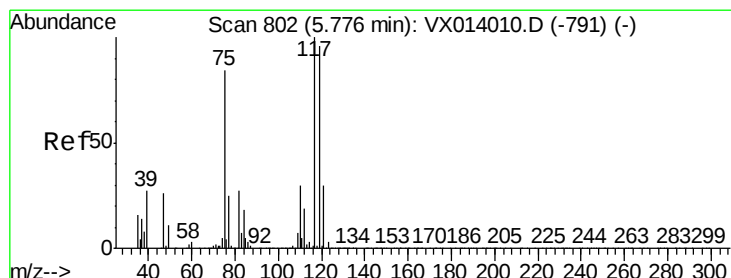
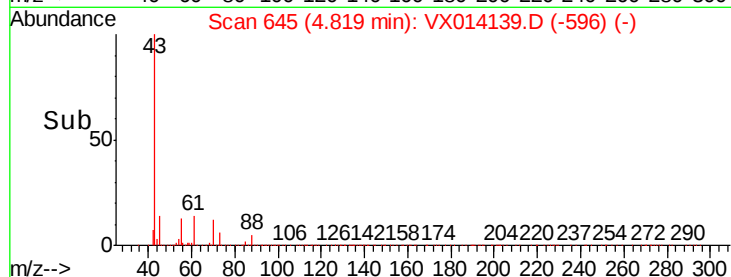
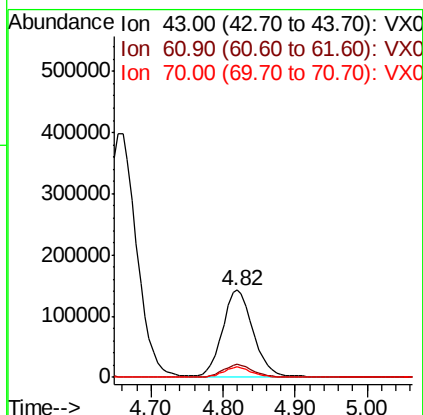
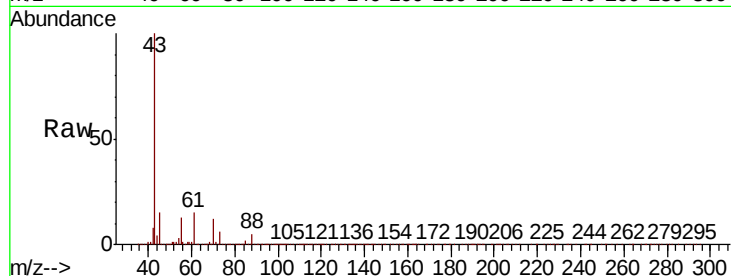




#37
Ethyl Acetate
Concen: 52.674 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

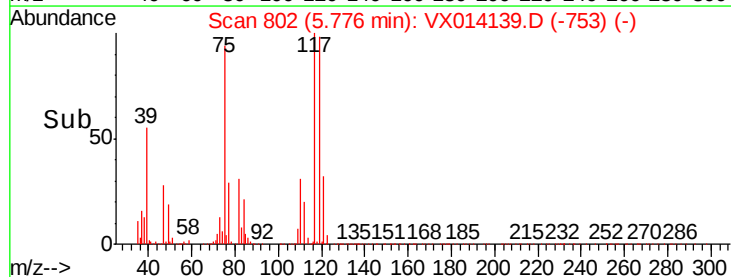
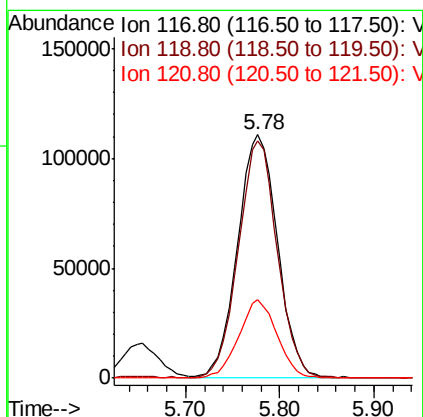
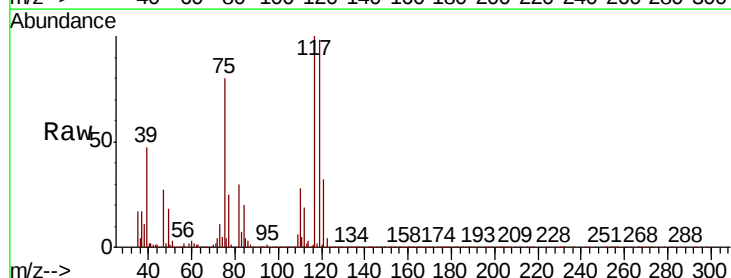
Instrument :
MSVOA_X
ClientSampled :

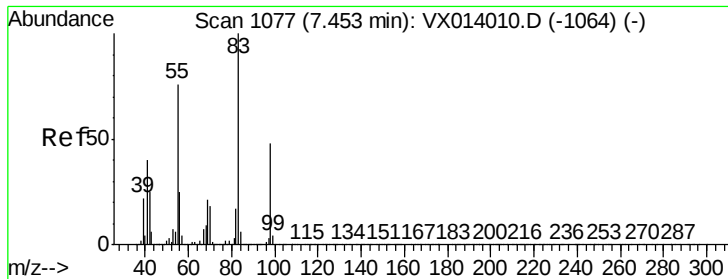
Tot Ion	43	Resp	418586
Ion Ratio	Lower	Upper	
43	100		
61	13.8	10.8	16.2
70	11.1	8.6	12.8



#38
Carbon Tetrachloride
Concen: 49.911 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

Tgt Ion	117	Resp	327205
Ion Ratio	Lower	Upper	
117	100		
119	97.6	76.2	114.4
121	32.0	23.6	35.4

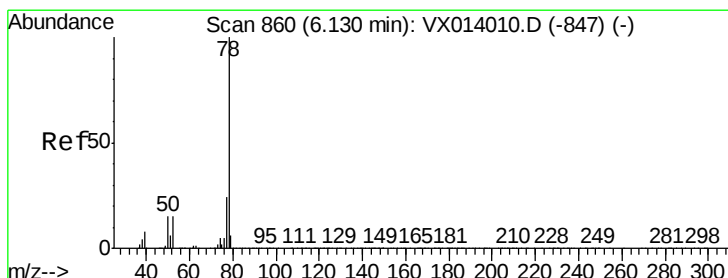
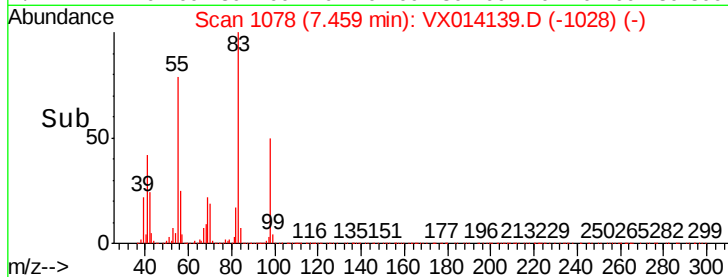
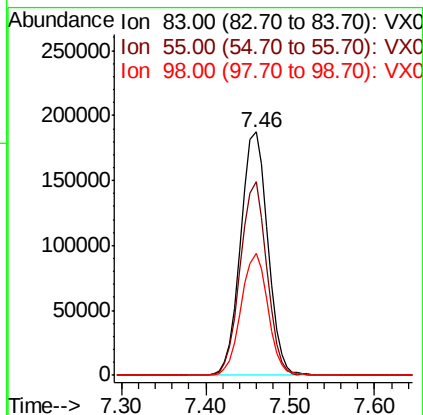
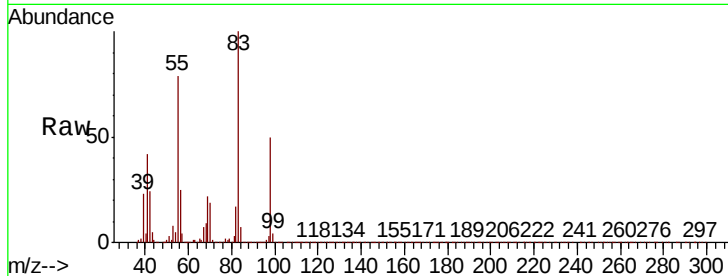




#39
Methvlcvclohexane
Concen: 45.811 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

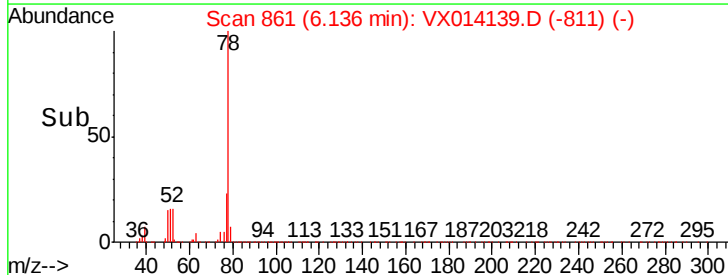
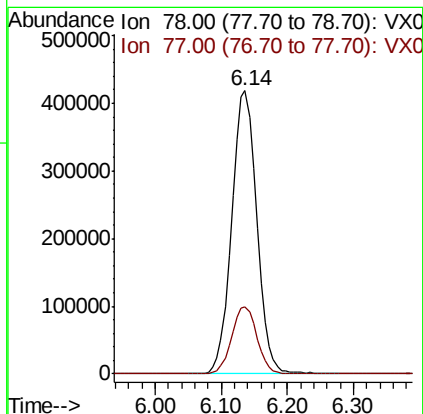
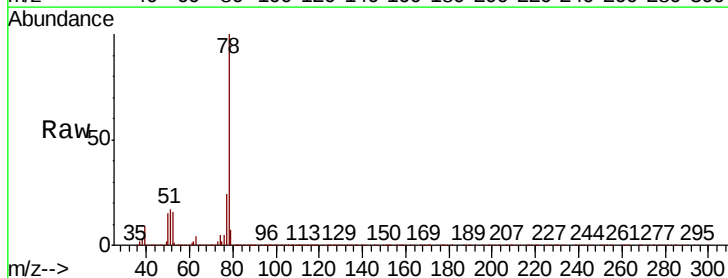
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.3	61.0	91.6
98	50.2	38.6	57.8



#40
Benzene
Concen: 49.619 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.8	28.2





#41

Methacrylonitrile

Concen: 53.017 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 233766

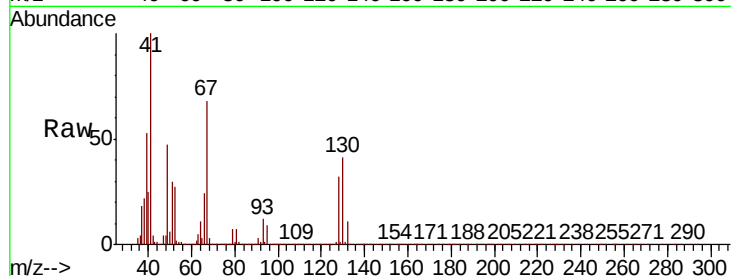
Ion Ratio Lower Upper

41 100

39 52.9 44.5 66.7

67 71.2 57.4 86.0

52 27.7 23.0 34.4

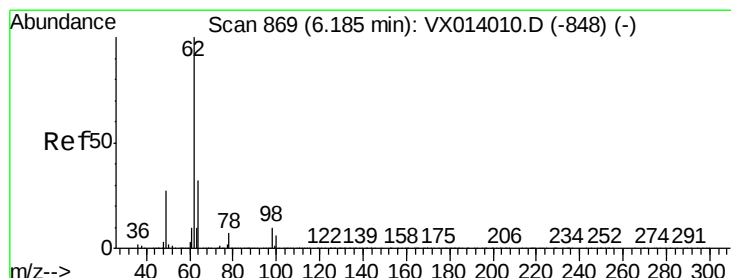
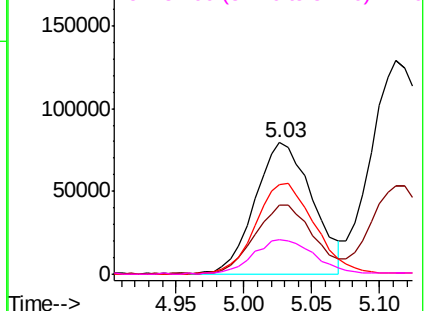
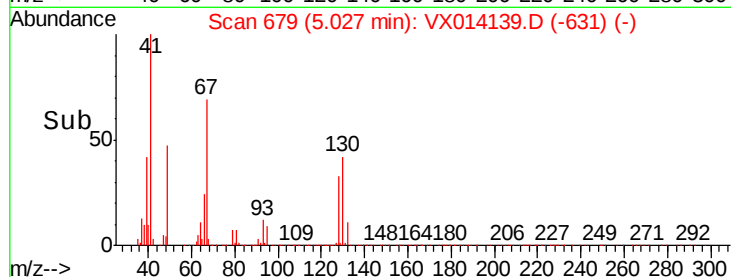


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 50.737 ug/l

RT: 6.18 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX014139.D

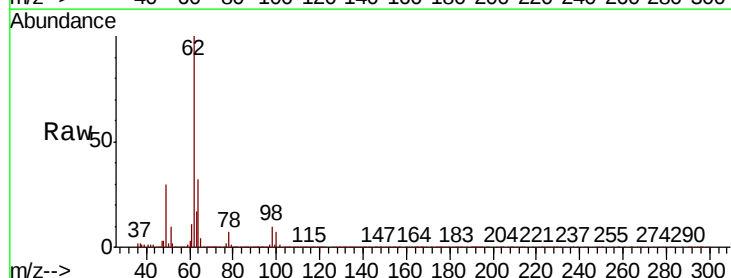
Acq: 19 Dec 2019 22:50

Tgt Ion: 62 Resp: 380819

Ion Ratio Lower Upper

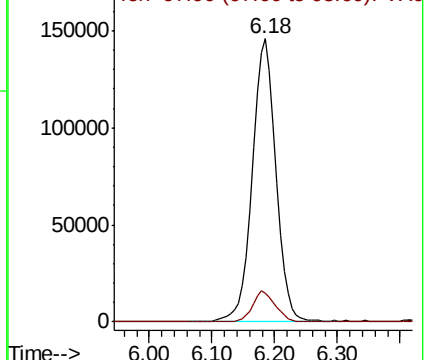
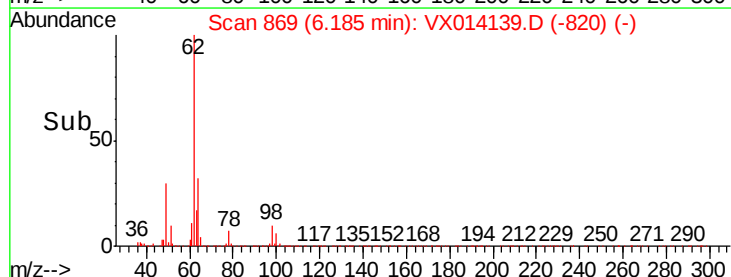
62 100

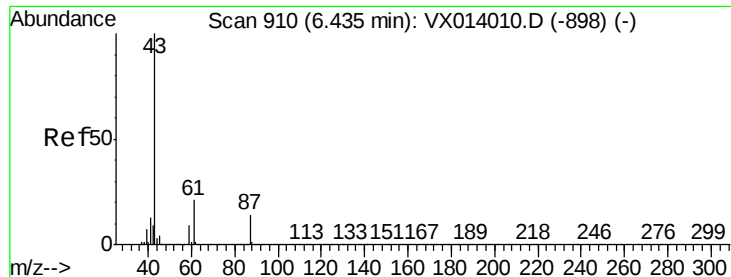
98 10.5 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 52.382 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Instrument :

MSVOA_X

ClientSampleId :

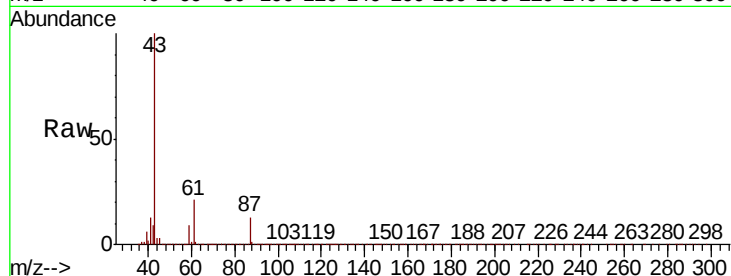
Tot Ion: 43 Resp: 688896

Ion Ratio Lower Upper

43 100

61 20.5 16.4 24.6

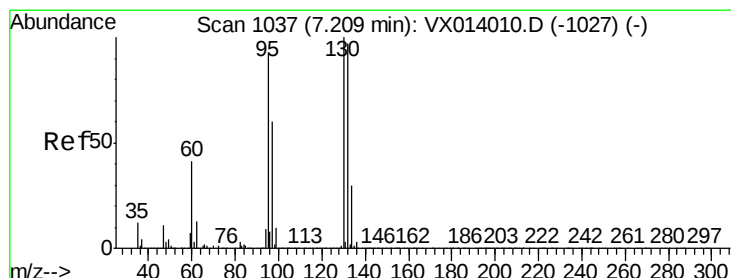
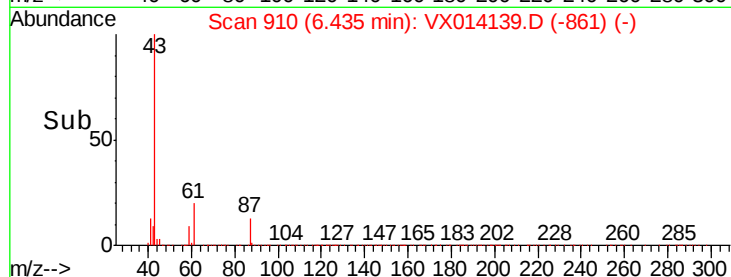
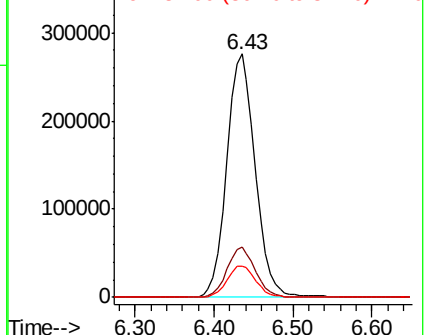
87 13.1 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 48.288 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014139.D

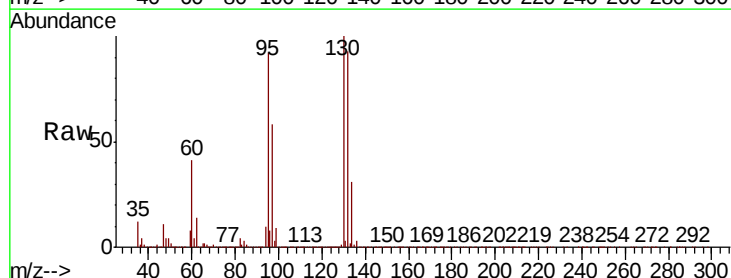
Acq: 19 Dec 2019 22:50

Tgt Ion:130 Resp: 295324

Ion Ratio Lower Upper

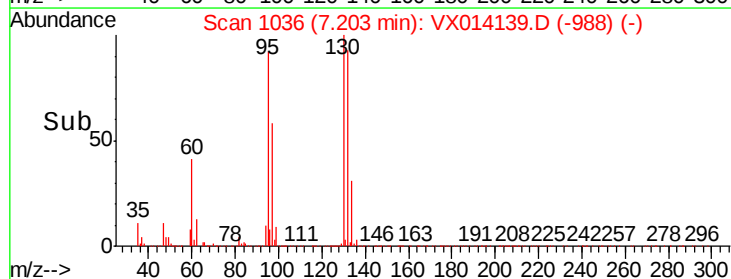
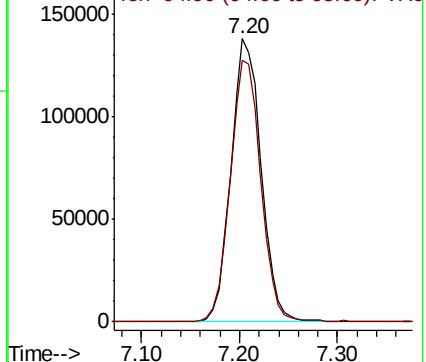
130 100

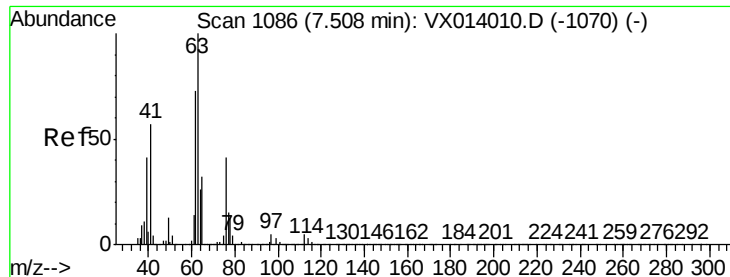
95 92.2 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 51.217 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Instrument :

MSVOA_X

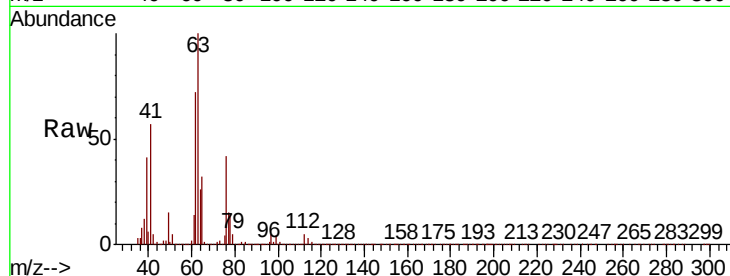
ClientSampleId :

Tot Ion: 63 Resp: 290668

Ion Ratio Lower Upper

63 100

65 31.7 25.8 38.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

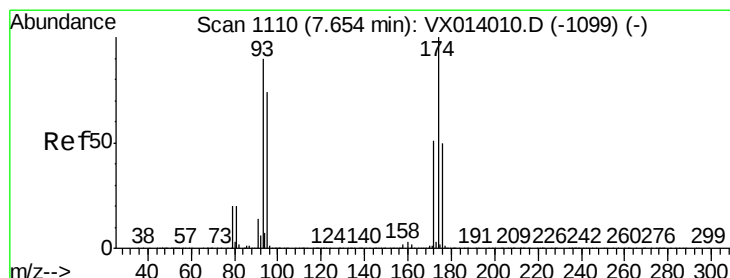
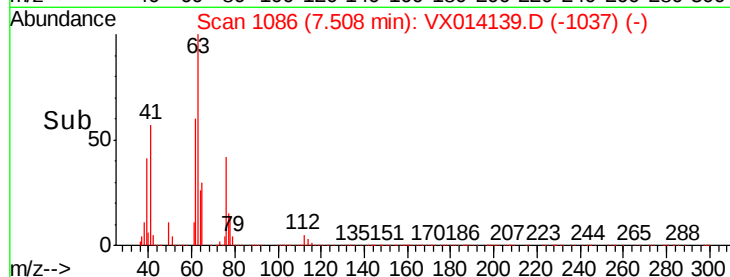
150000

100000

50000

0

Time--> 7.30 7.40 7.50 7.60 7.70



#46

Dibromomethane

Concen: 49.653 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

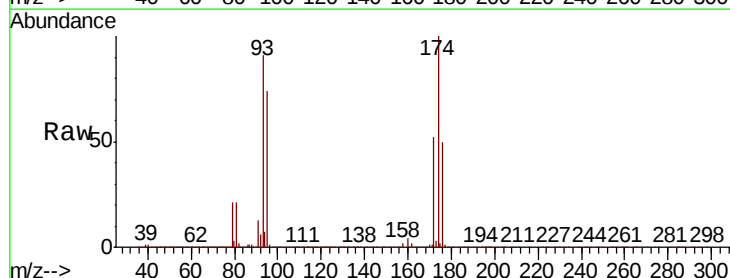
Tgt Ion: 93 Resp: 186306

Ion Ratio Lower Upper

93 100

95 83.4 67.3 100.9

174 114.3 91.6 137.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

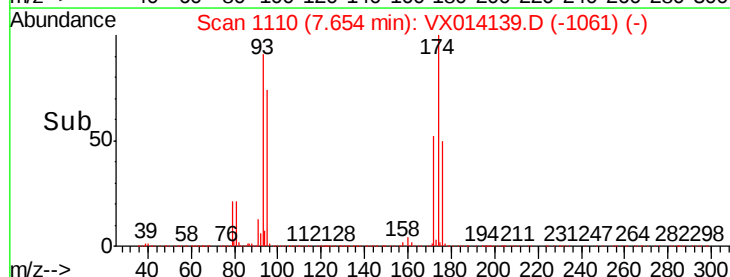
150000

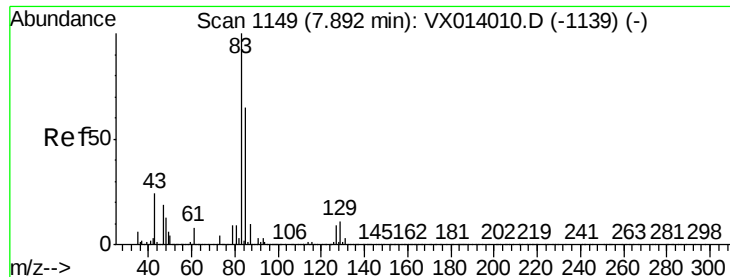
100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75





#47

Bromodichloromethane

Concen: 51.919 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Instrument :

MSVOA_X

ClientSampleId :

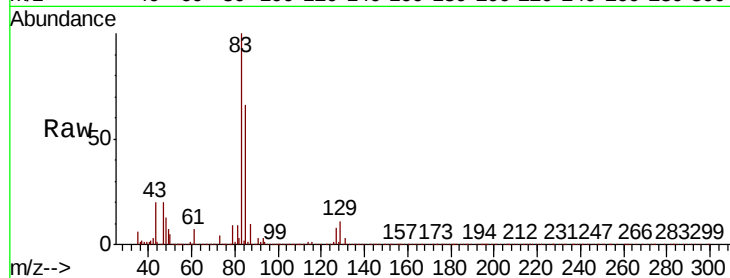
Tot Ion: 83 Resp: 366894

Ion Ratio Lower Upper

83 100

85 65.6 51.8 77.8

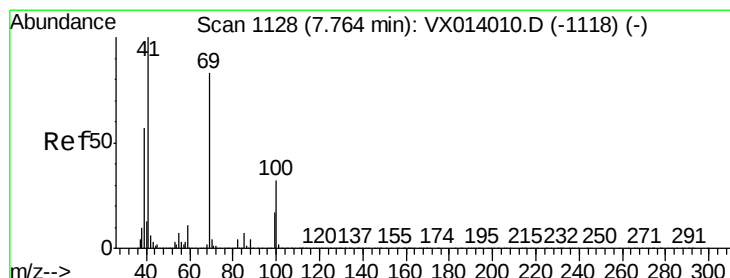
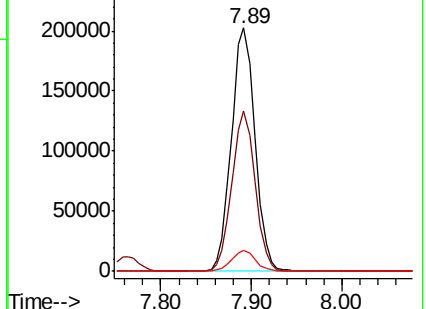
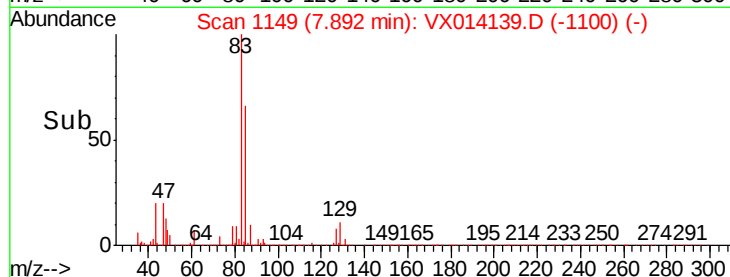
127 8.4 7.0 10.4



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: 52.661 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

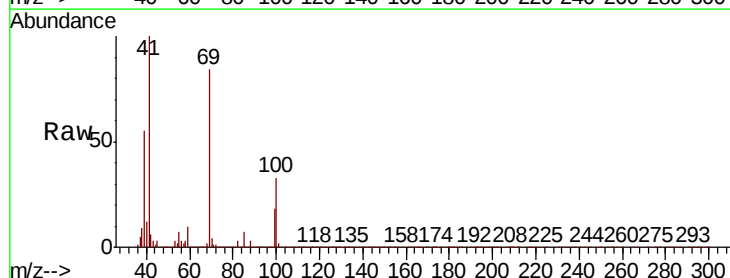
Tgt Ion: 41 Resp: 339135

Ion Ratio Lower Upper

41 100

69 81.3 65.8 98.6

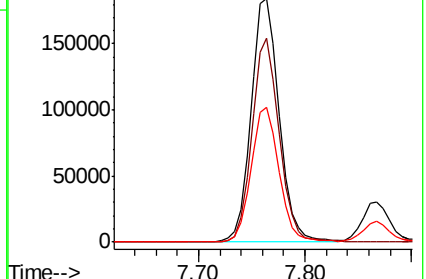
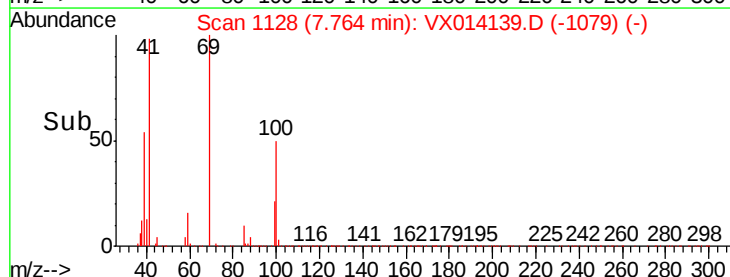
39 56.0 44.6 67.0

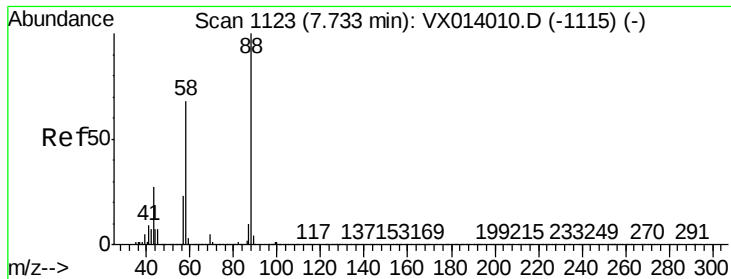


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

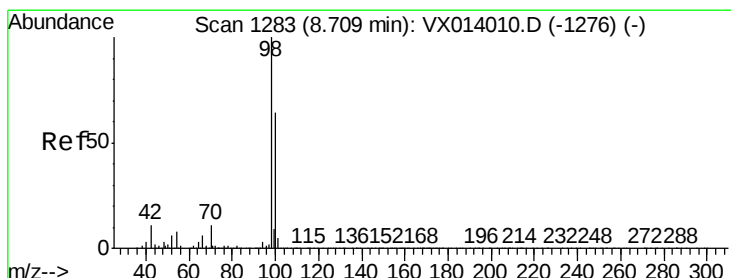
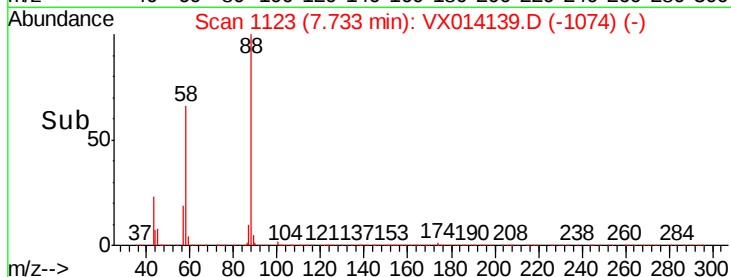
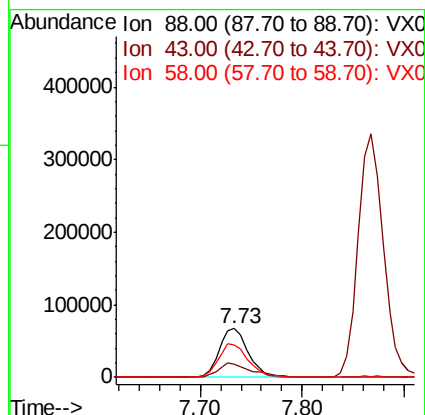
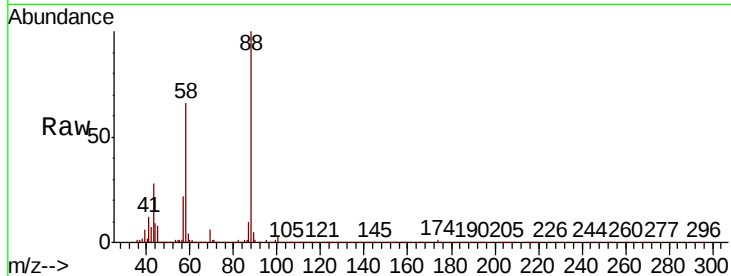




#49
1,4-Dioxane
Concen: 1015.870 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

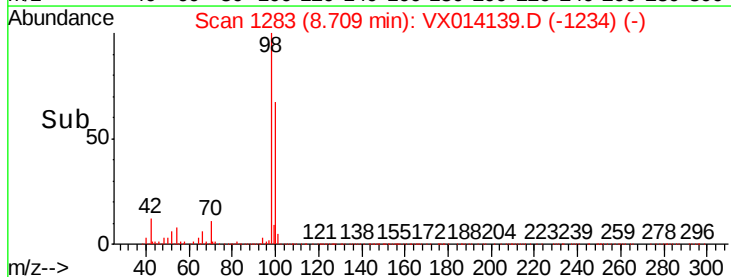
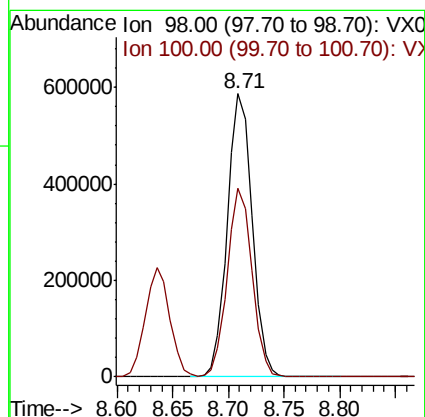
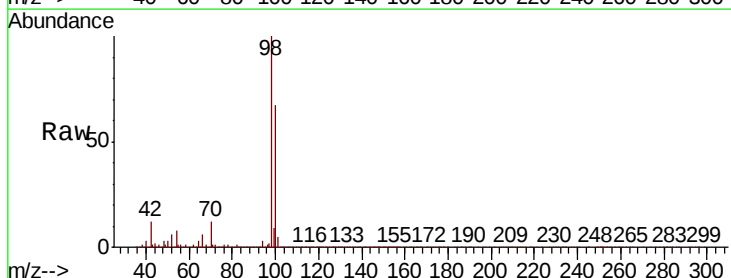
Instrument :
MSVOA_X
ClientSampleId :

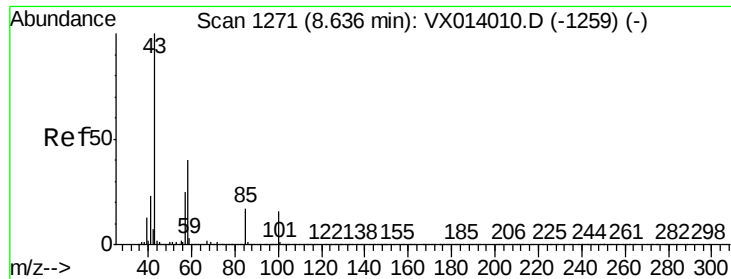
Tot Ion	Ratio	Lower	Upper
88	100		
43	34.8	26.5	39.7
58	70.7	56.8	85.2



#50
Toluene-d8
Concen: 48.910 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.9	79.3

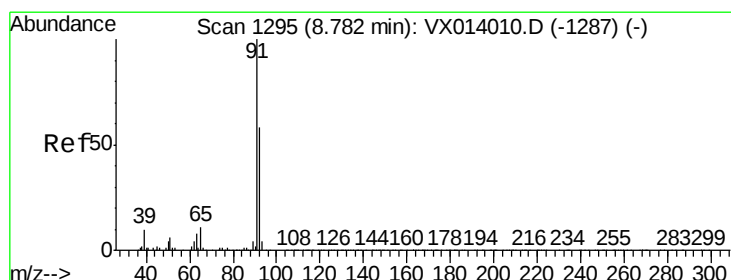
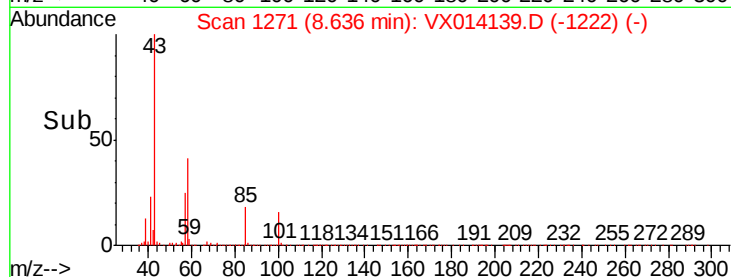
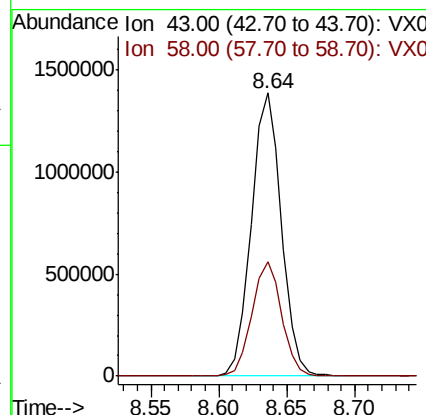
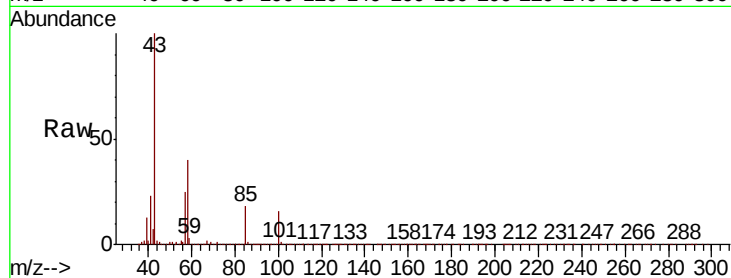




#51
4-Methyl-2-Pentanone
Concen: 259.791 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

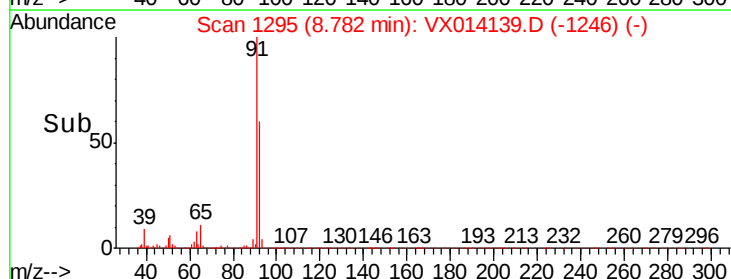
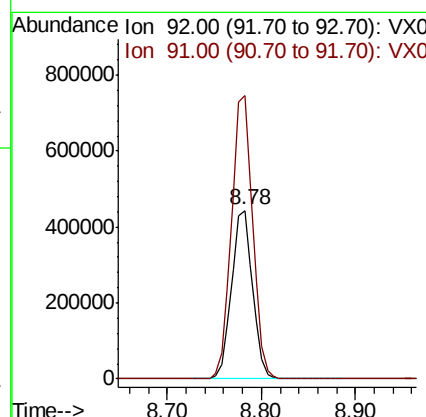
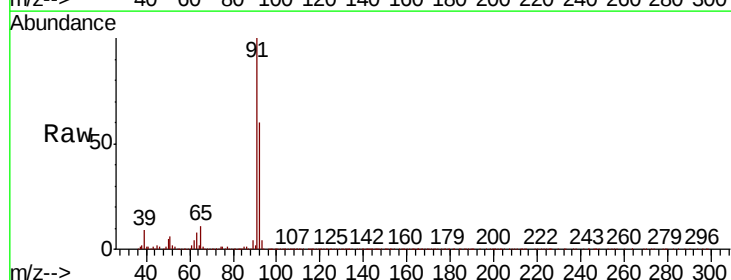
Instrument :
MSVOA_X
ClientSampleId :

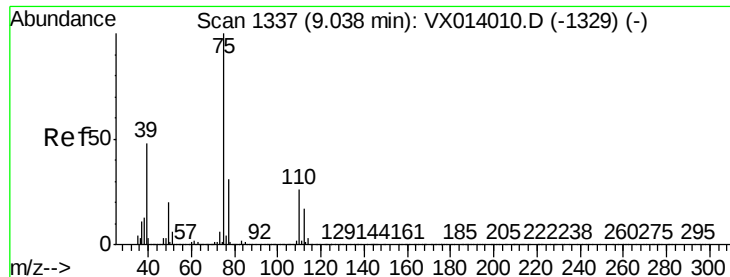
Tot Ion: 43 Resp: 2145714
Ion Ratio Lower Upper
43 100
58 40.1 32.2 48.2



#52
Toluene
Concen: 49.076 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

Tgt Ion: 92 Resp: 686833
Ion Ratio Lower Upper
92 100
91 169.6 136.2 204.4

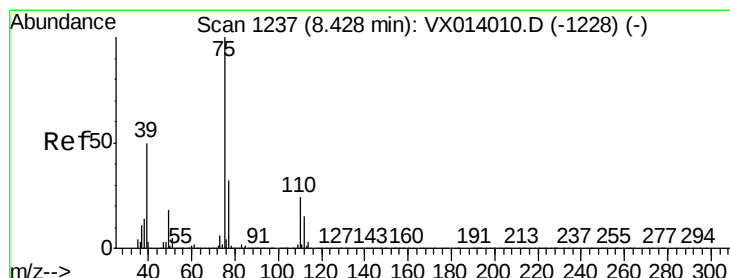
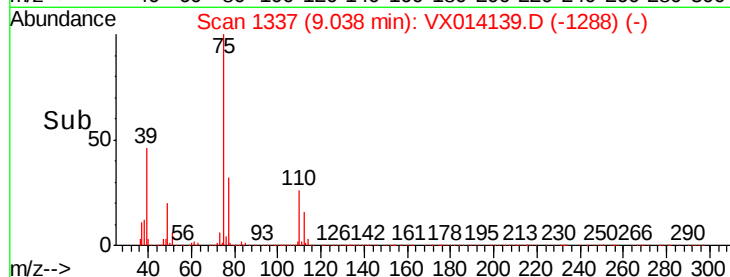
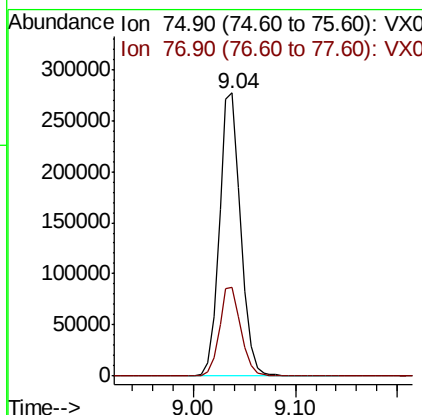
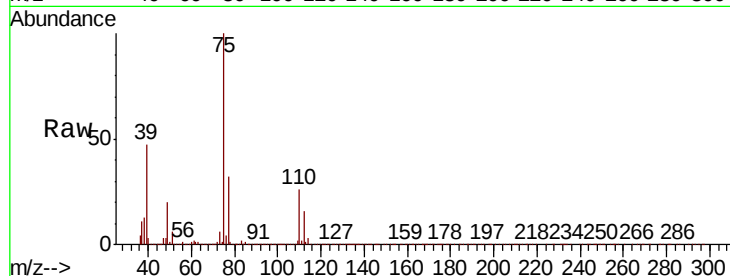




#53
t-1,3-Dichloropropene
Concen: 51.848 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

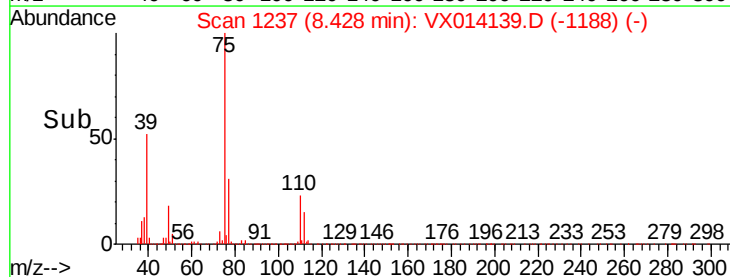
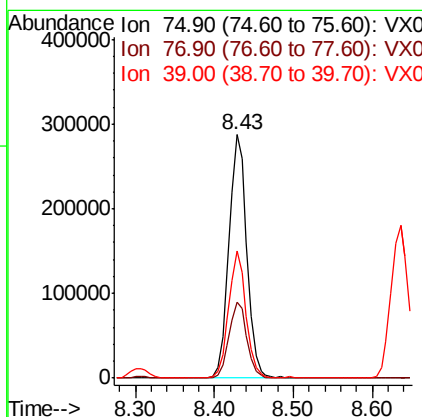
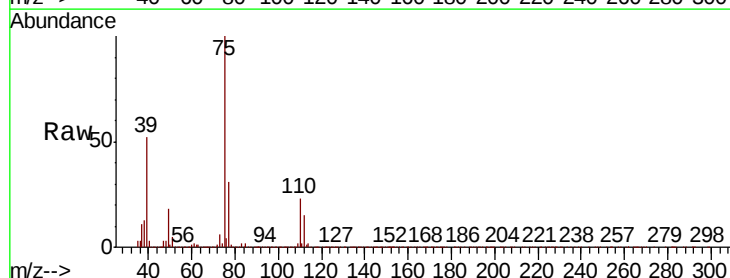
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 75 Resp: 401754
Ion Ratio Lower Upper
75 100
77 31.4 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 52.272 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

Tgt Ion: 75 Resp: 451240
Ion Ratio Lower Upper
75 100
77 31.0 25.3 37.9
39 52.4 39.9 59.9

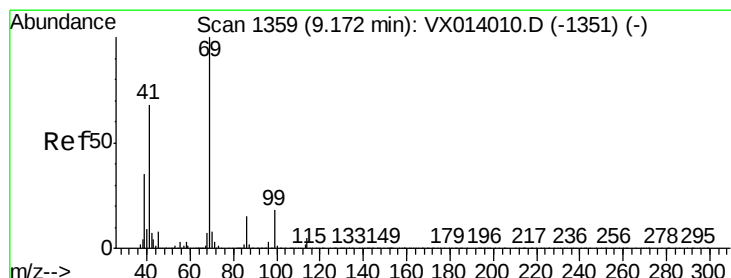
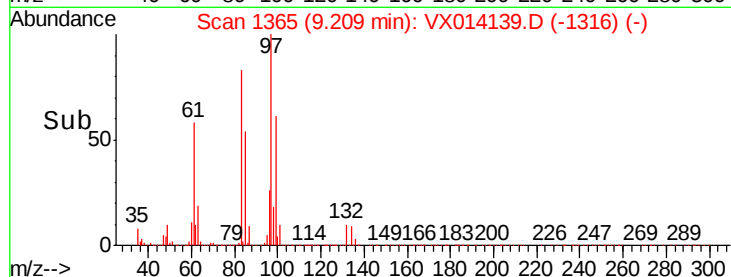
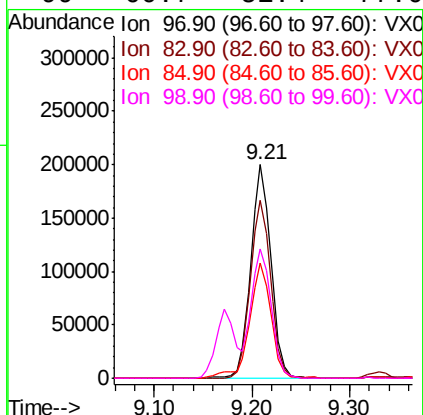
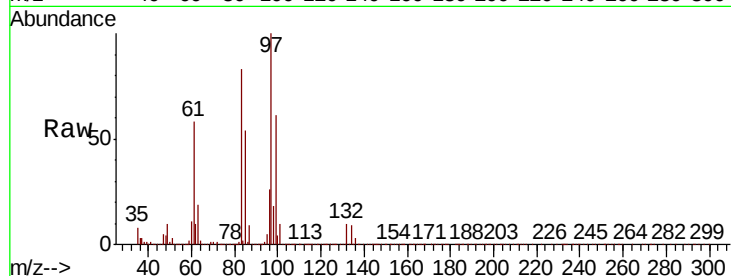




#55
 1,1,2-Trichloroethane
 Concen: 50.949 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014139.D
 Acq: 19 Dec 2019 22:50

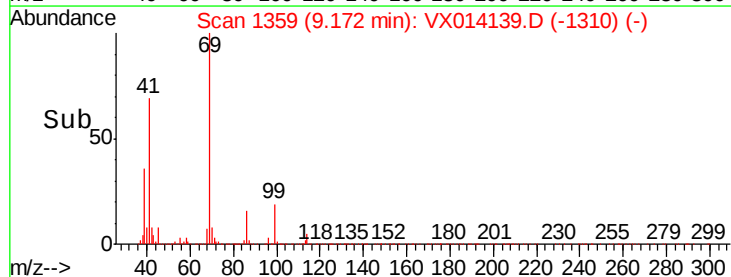
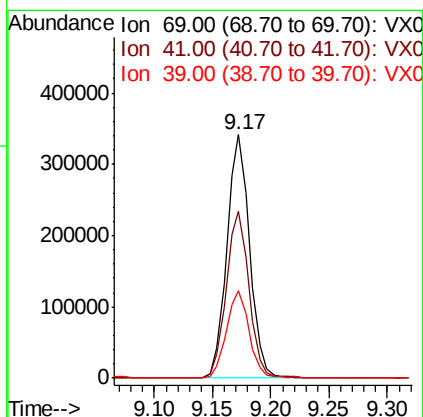
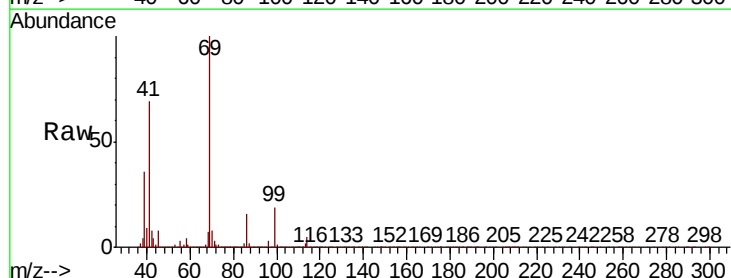
Instrument :
 MSVOA_X
 ClientSampleId :

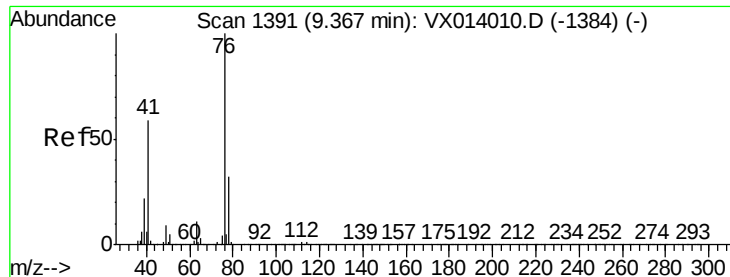
Tot Ion:	97	Resp:	285787
Ion	Ratio	Lower	Upper
97	100		
83	83.4	68.2	102.4
85	53.8	44.6	66.8
99	60.7	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 52.390 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014139.D
 Acq: 19 Dec 2019 22:50

Tgt Ion:	69	Resp:	461618
Ion	Ratio	Lower	Upper
69	100		
41	68.2	54.8	82.2
39	35.6	28.3	42.5





#57

1,3-Dichloropropane

Concen: 50.838 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Instrument :

MSVOA_X

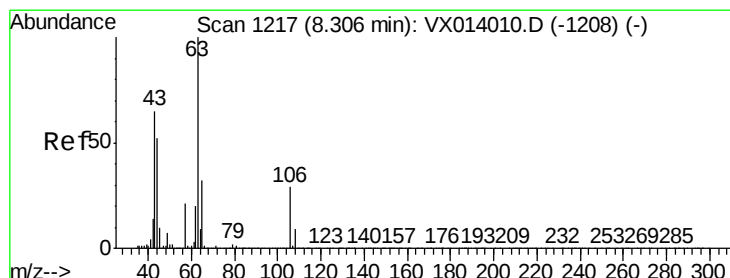
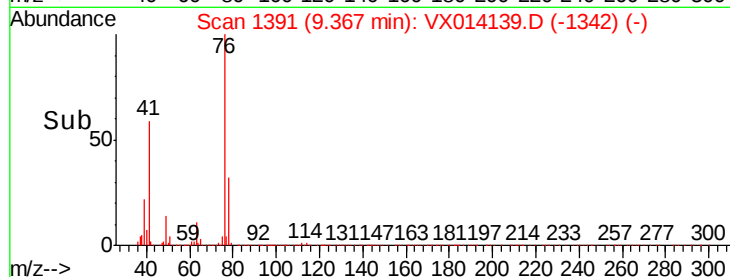
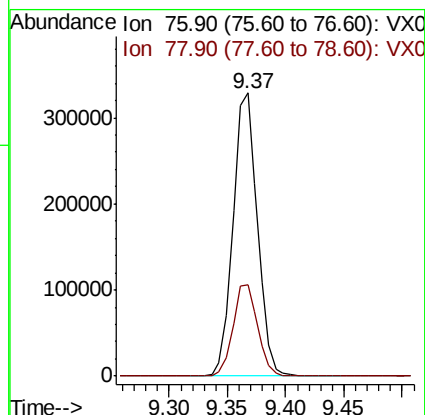
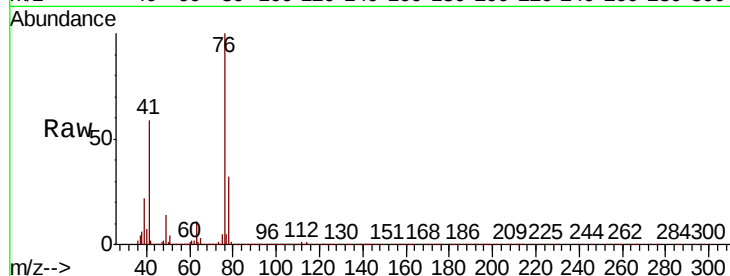
ClientSampleId :

Tot Ion: 76 Resp: 479784

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 272.008 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014139.D

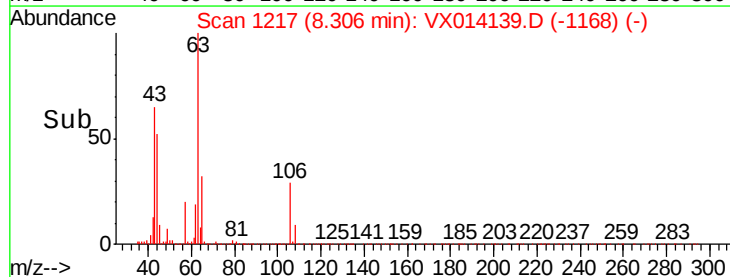
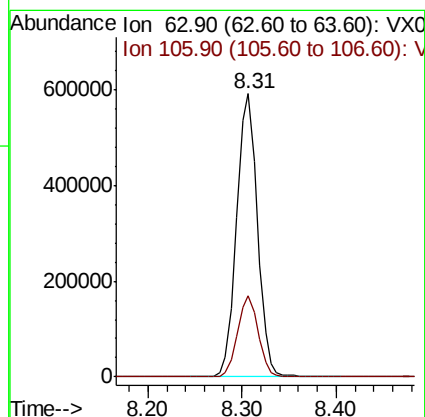
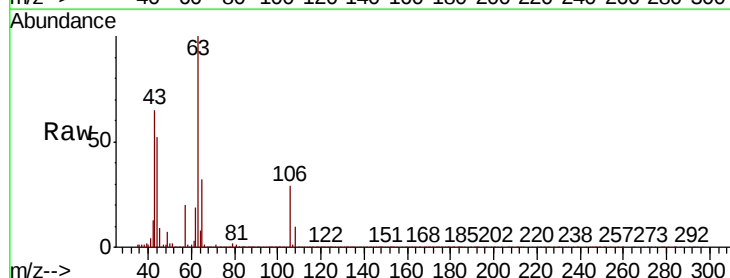
Acq: 19 Dec 2019 22:50

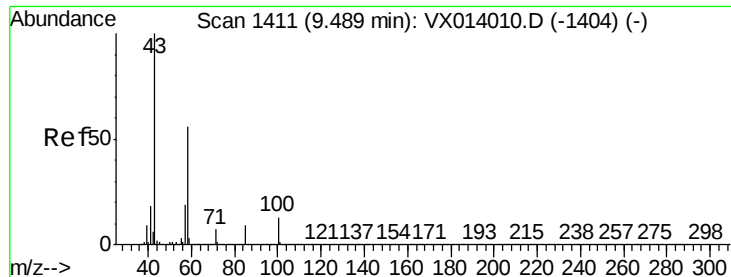
Tgt Ion: 63 Resp: 906999

Ion Ratio Lower Upper

63 100

106 28.6 23.0 34.6

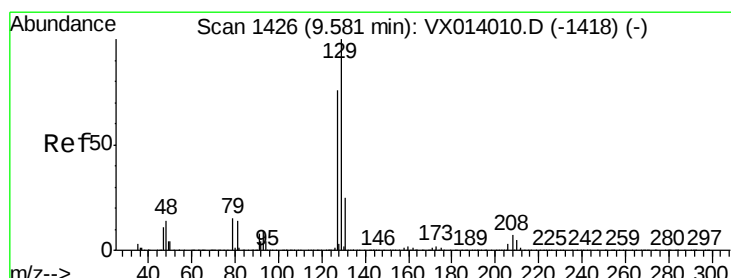
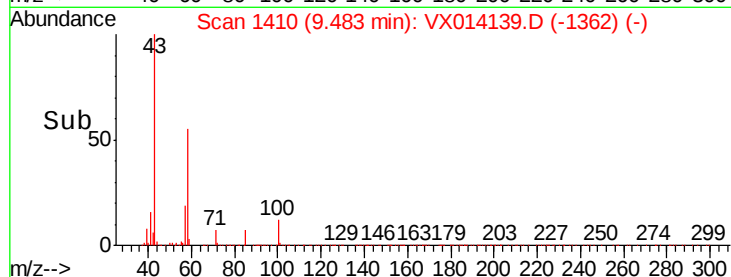
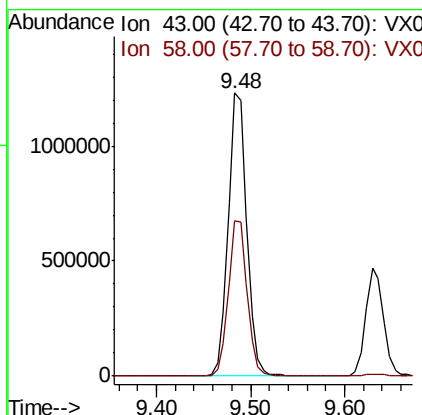
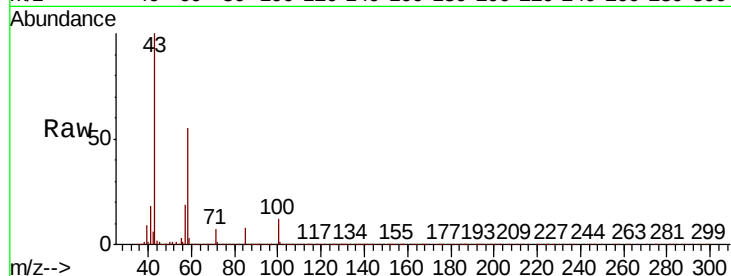




#59
2-Hexanone
Concen: 253.544 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

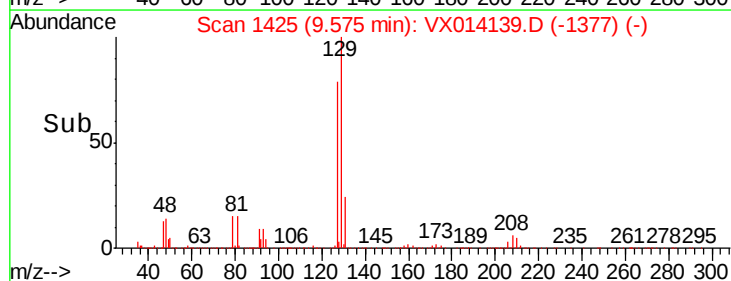
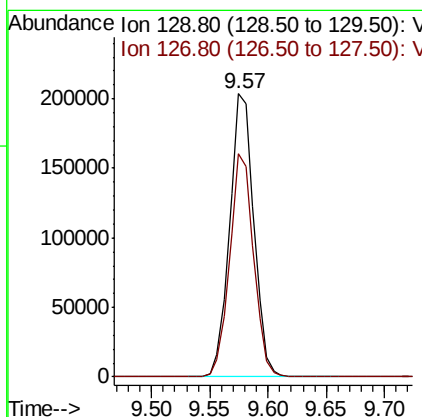
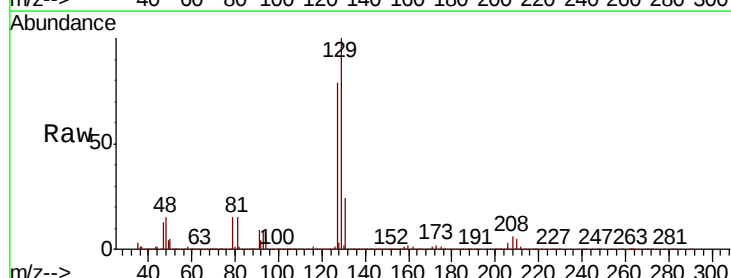
Instrument :
MSVOA_X
ClientSampled :

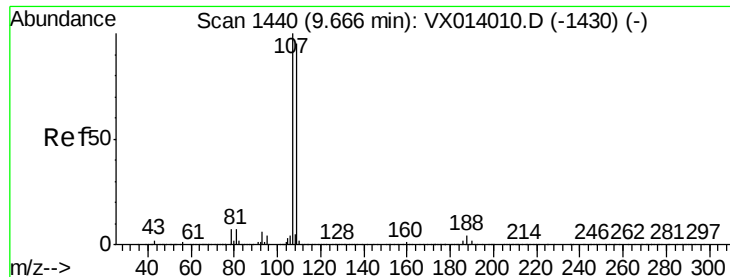
Tot Ion: 43 Resp: 1685770
Ion Ratio Lower Upper
43 100
58 55.5 28.0 84.0



#60
Dibromochloromethane
Concen: 52.703 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

Tgt Ion: 129 Resp: 293849
Ion Ratio Lower Upper
129 100
127 77.9 38.4 115.2





#61

1,2-Dibromoethane

Concen: 51.324 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Instrument :

MSVOA_X

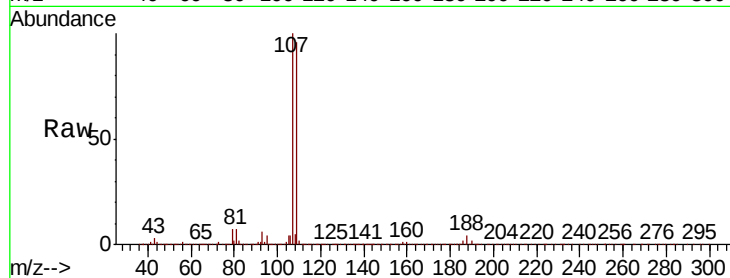
ClientSampleId :

Tot Ion:107 Resp: 294554

Ion Ratio Lower Upper

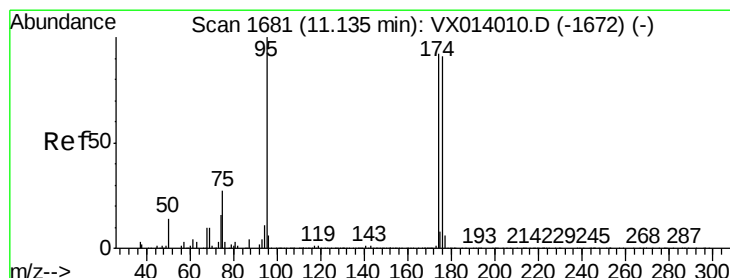
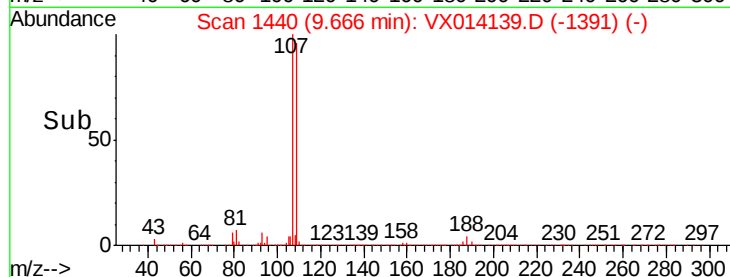
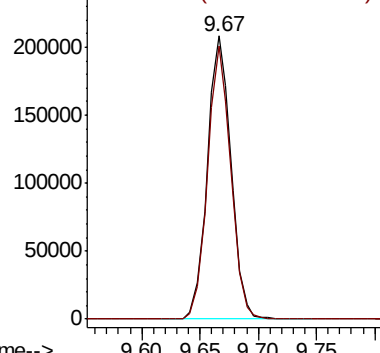
107 100

109 94.5 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.670 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

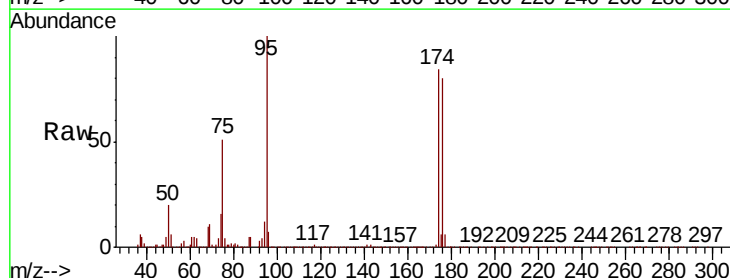
Tgt Ion: 95 Resp: 323446

Ion Ratio Lower Upper

95 100

174 89.6 0.0 175.8

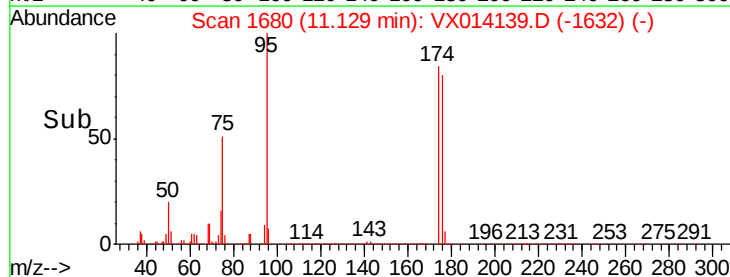
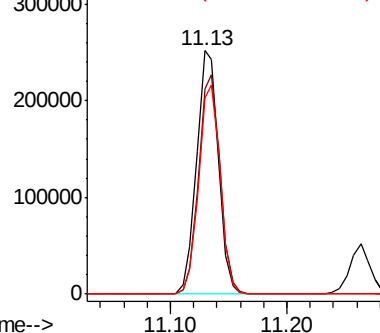
176 85.8 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

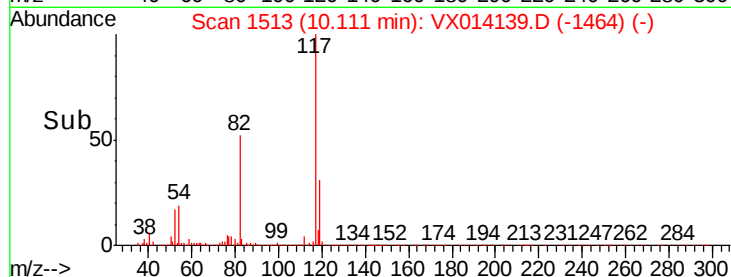
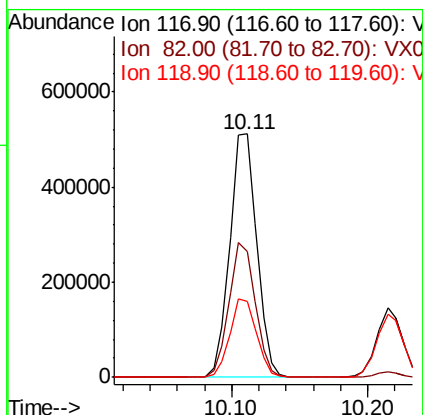
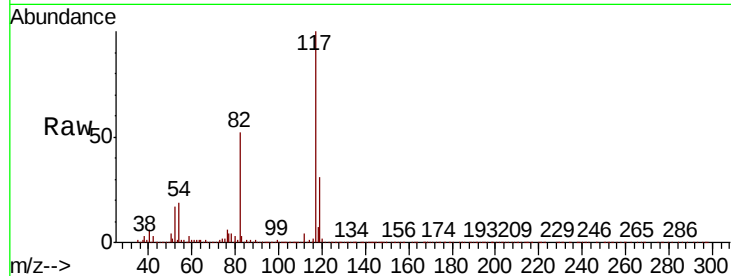




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

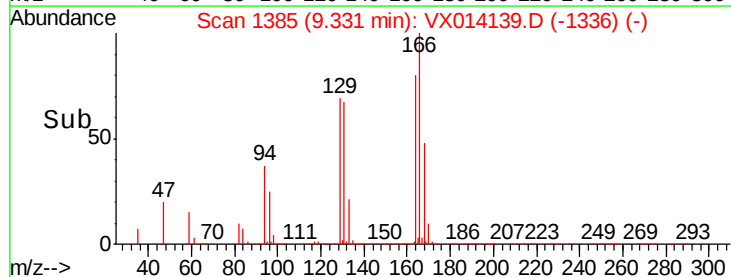
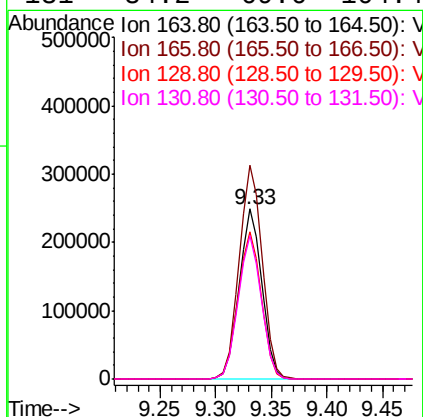
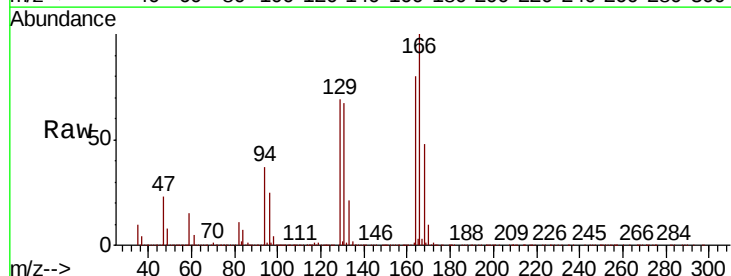
Instrument :
MSVOA_X
ClientSampleId :

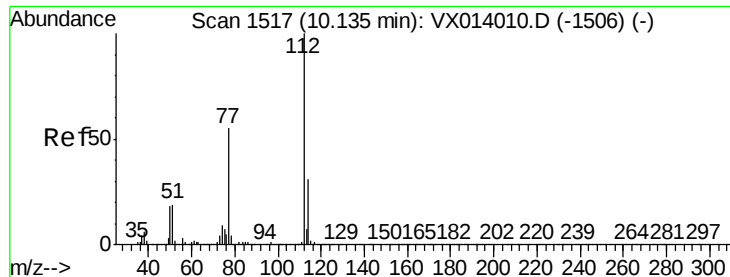
Tot Ion:117 Resp: 708004
Ion Ratio Lower Upper
117 100
82 51.7 42.2 63.4
119 31.2 25.1 37.7



#64
Tetrachloroethene
Concen: 56.116 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

Tgt Ion:164 Resp: 351567
Ion Ratio Lower Upper
164 100
166 125.7 104.0 156.0
129 86.3 72.2 108.4
131 84.2 69.6 104.4

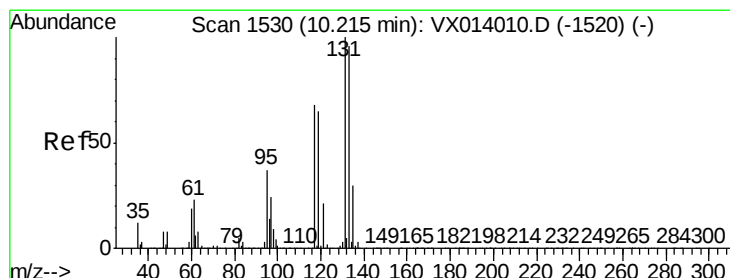
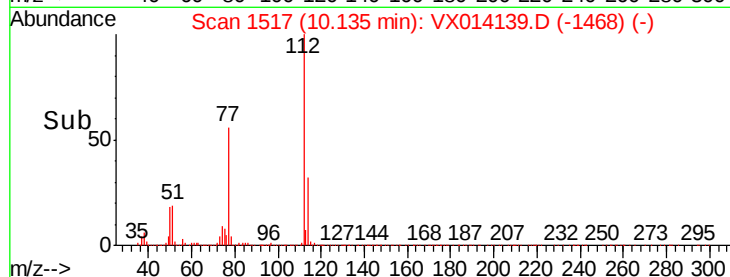
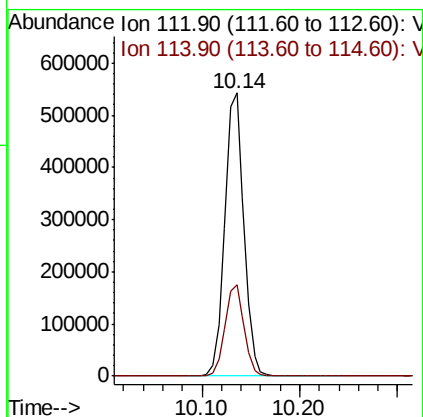
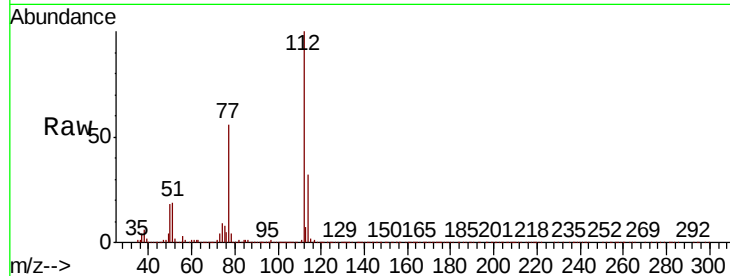




#65
Chlorobenzene
Concen: 48.602 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

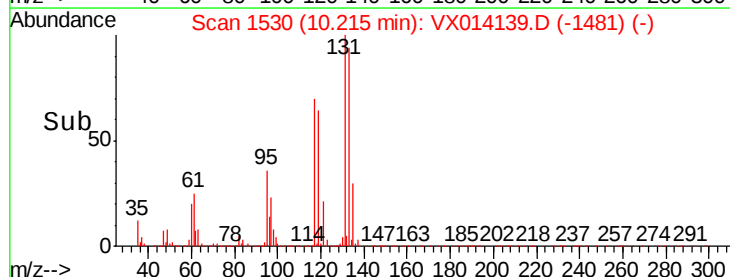
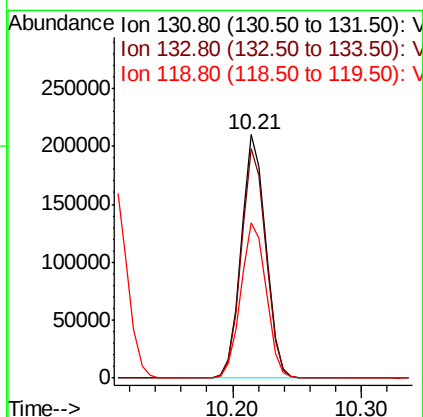
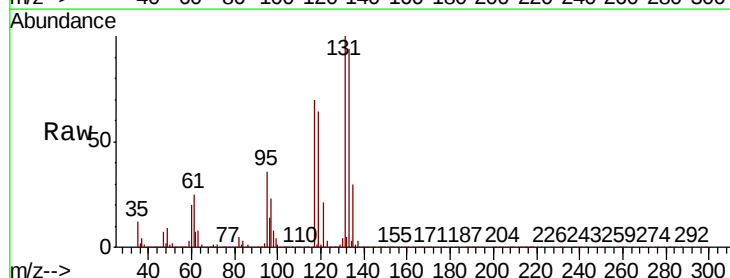
Instrument :
MSVOA_X
ClientSampleId :

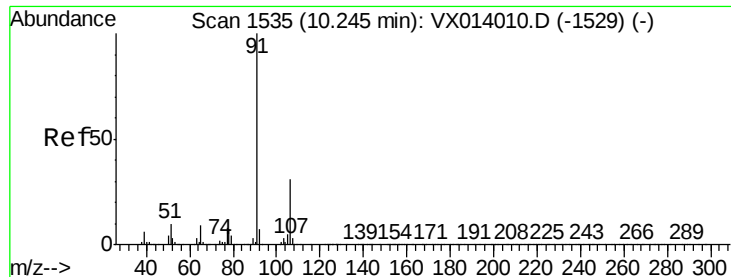
Tot Ion:112 Resp: 731649
Ion Ratio Lower Upper
112 100
114 32.4 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 51.275 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

Tgt Ion:131 Resp: 275610
Ion Ratio Lower Upper
131 100
133 95.0 48.0 144.0
119 65.5 33.4 100.2





#67

Ethyl Benzene

Concen: 49.445 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Instrument :

MSVOA_X

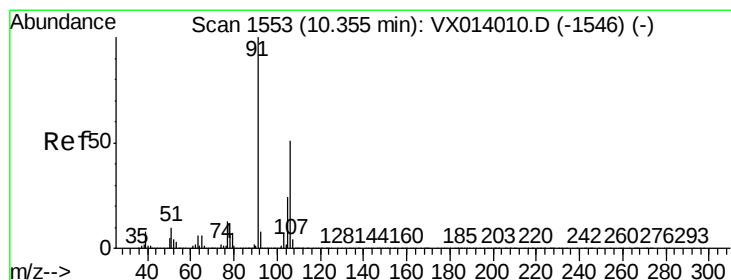
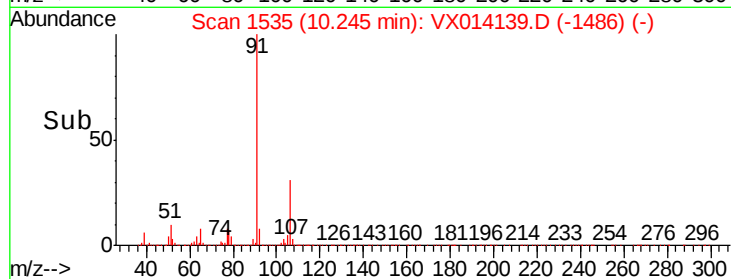
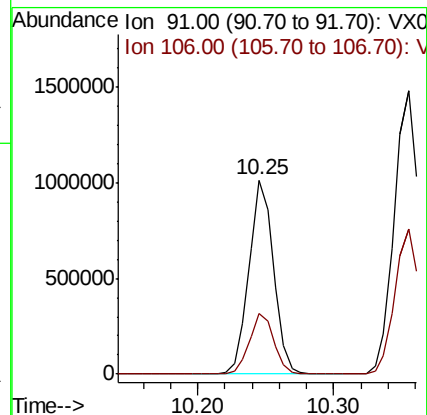
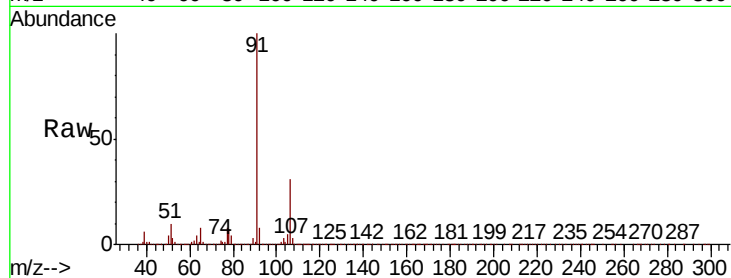
ClientSampleId :

Tot Ion: 91 Resp: 1279698

Ion Ratio Lower Upper

91 100

106 31.5 25.0 37.6



#68

m/p-Xylenes

Concen: 97.904 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014139.D

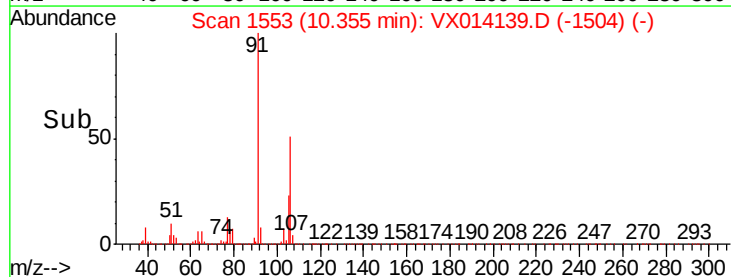
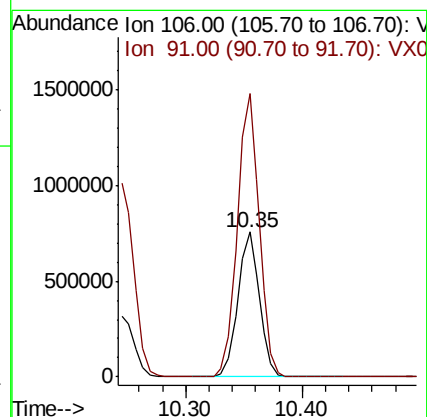
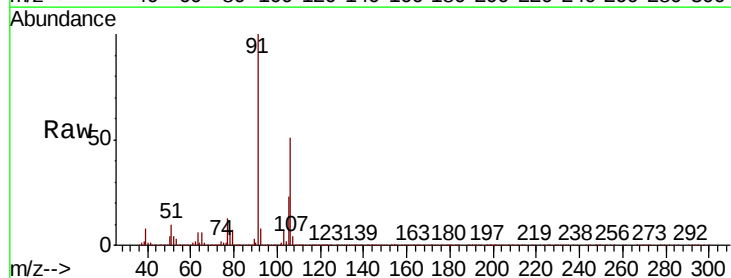
Acq: 19 Dec 2019 22:50

Tgt Ion: 106 Resp: 974560

Ion Ratio Lower Upper

106 100

91 198.6 158.6 238.0

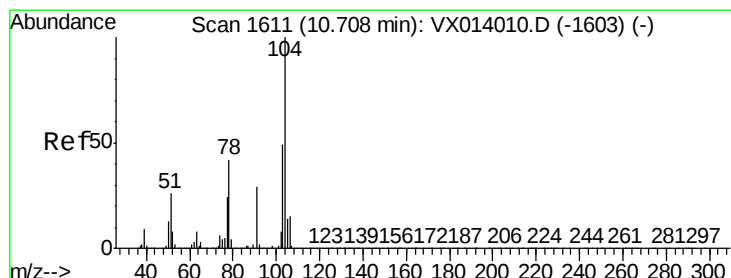
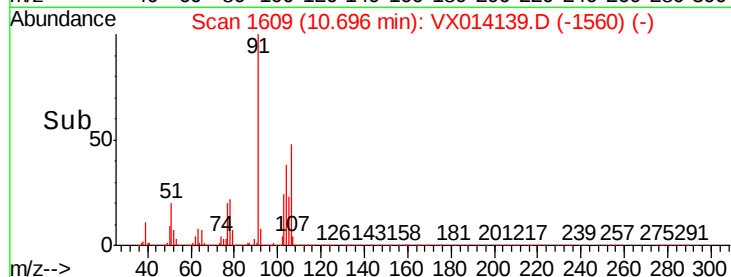
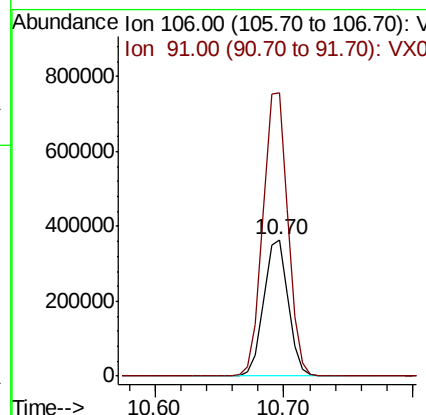
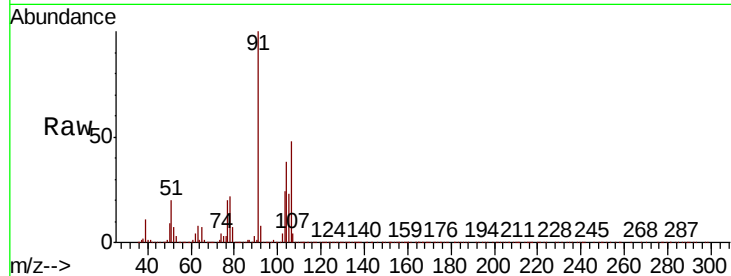




#69
o-Xylene
Concen: 48.806 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

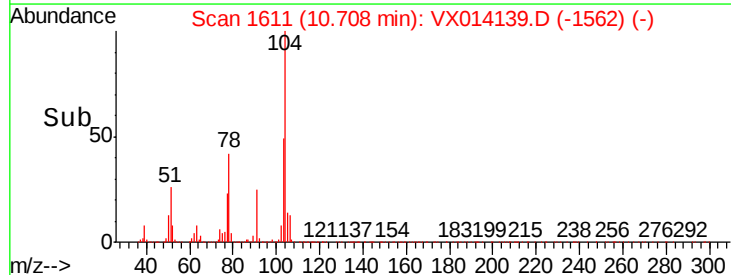
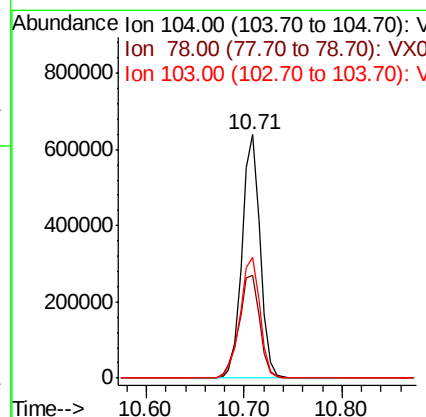
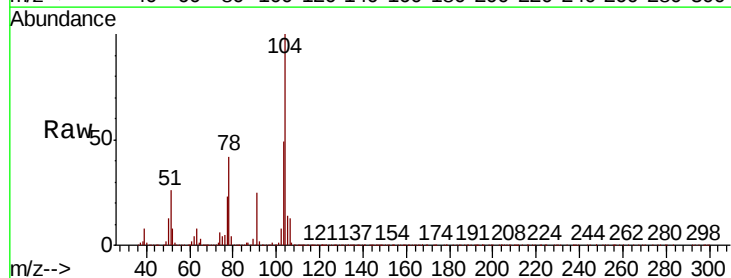
Instrument :
MSVOA_X
ClientSampleId :

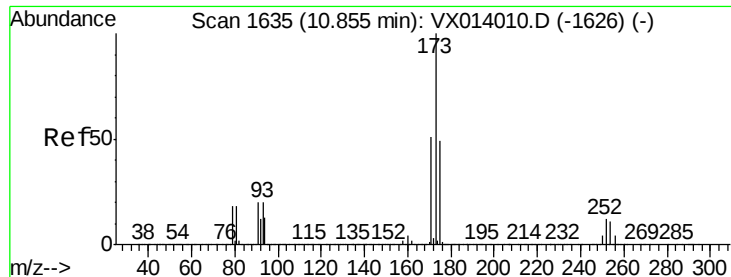
Tot Ion:106 Resp: 476476
Ion Ratio Lower Upper
106 100
91 211.3 104.2 312.6



#70
Styrene
Concen: 49.647 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

Tgt Ion:104 Resp: 819603
Ion Ratio Lower Upper
104 100
78 48.3 38.5 57.7
103 54.5 42.9 64.3





#71

Bromoform

Concen: 52.619 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Instrument :

MSVOA_X

ClientSampled :

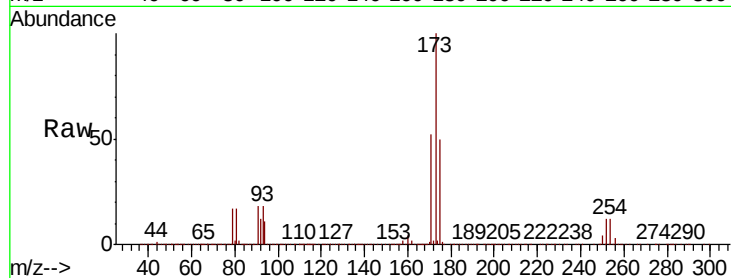
Tot Ion:173 Resp: 227351

Ion Ratio Lower Upper

173 100

175 48.4 24.4 73.4

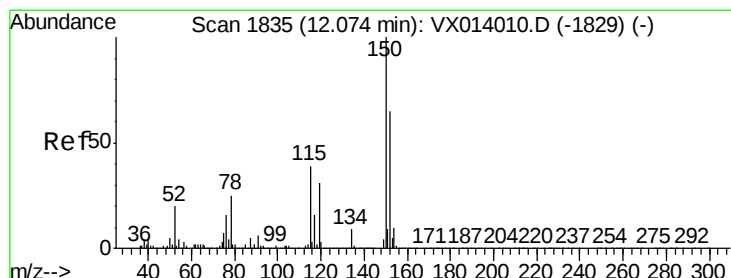
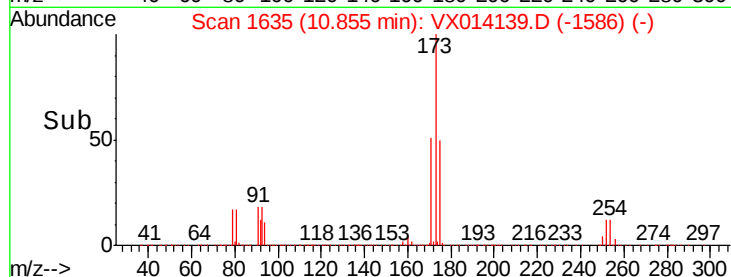
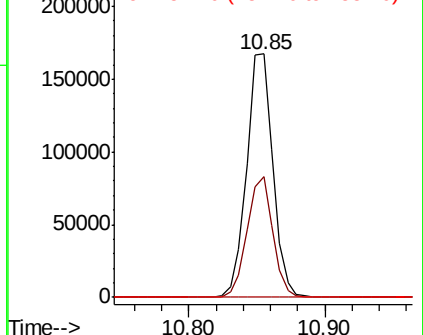
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

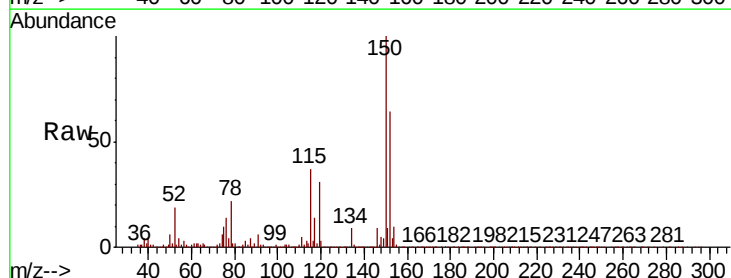
Tgt Ion:152 Resp: 351630

Ion Ratio Lower Upper

152 100

115 77.1 38.3 114.9

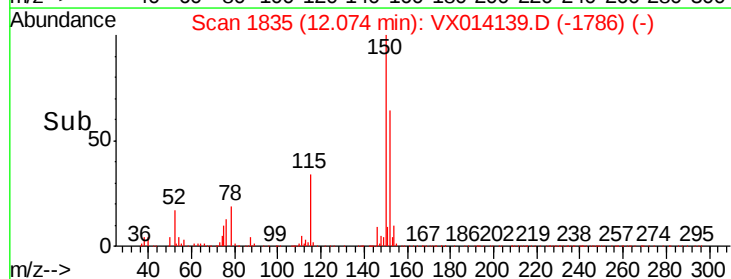
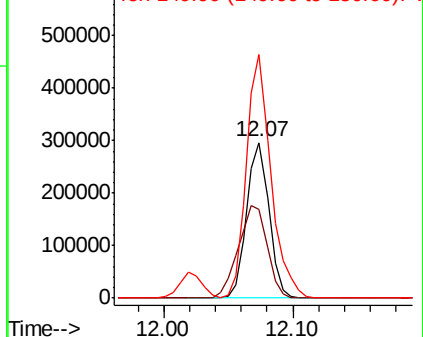
150 171.9 0.0 345.4

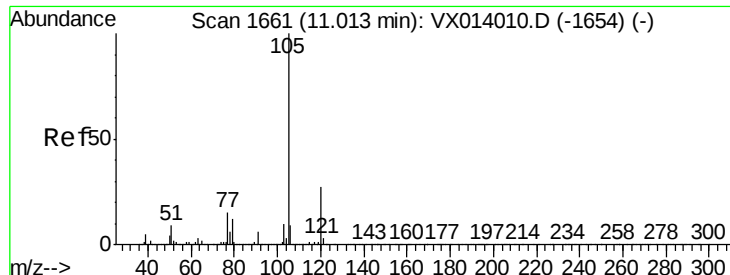


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.056 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Instrument :

MSVOA_X

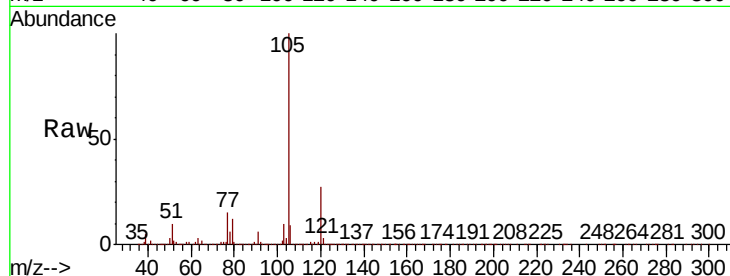
ClientSampled :

Tot Ion:105 Resp: 1239261

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

1200000 Ion 120.00 (119.70 to 120.70): V

1000000

800000

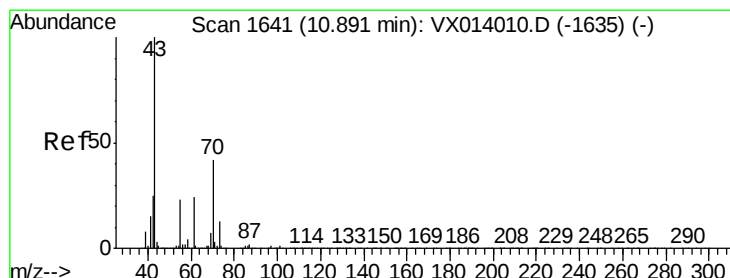
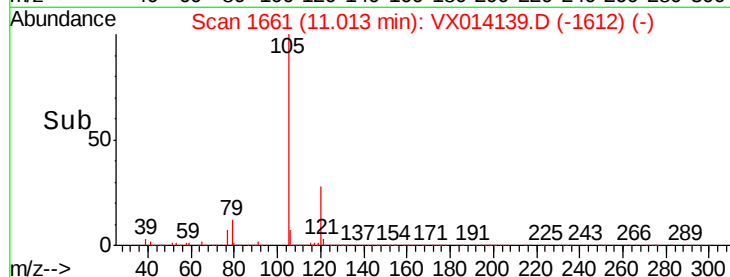
600000

400000

200000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 52.356 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Tgt Ion: 43 Resp: 607587

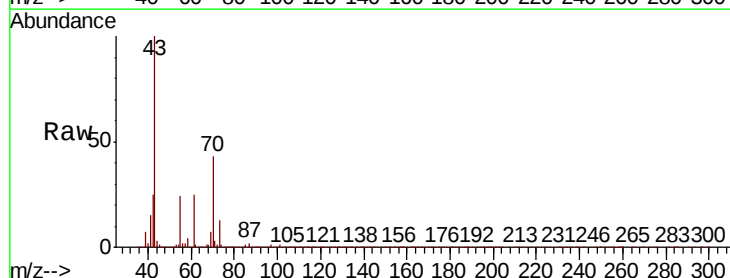
Ion Ratio Lower Upper

43 100

70 43.7 34.4 51.6

55 23.8 19.1 28.7

61 25.4 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

800000 Ion 70.00 (69.70 to 70.70): VX0

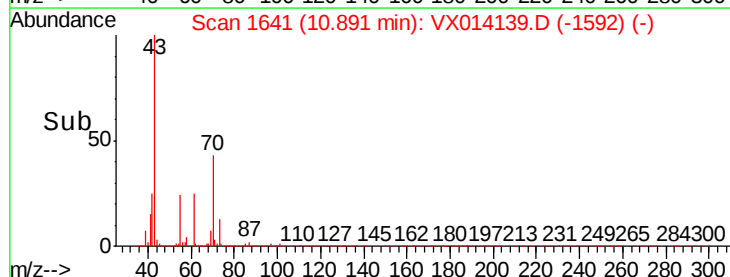
600000 Ion 55.00 (54.70 to 55.70): VX0

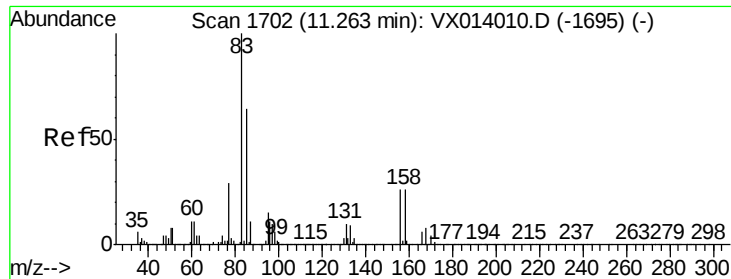
400000 Ion 61.00 (60.70 to 61.70): VX0

200000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 50.573 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Instrument :

MSVOA_X

ClientSampleId :

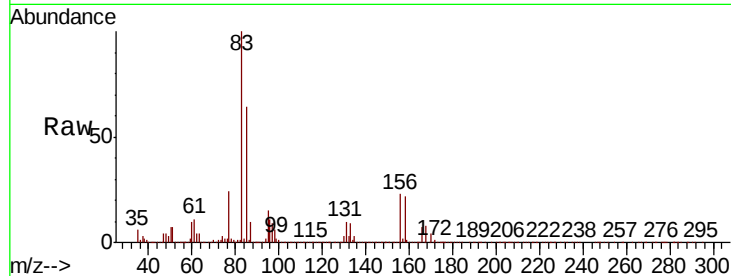
Tot Ion: 83 Resp: 434080

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.2

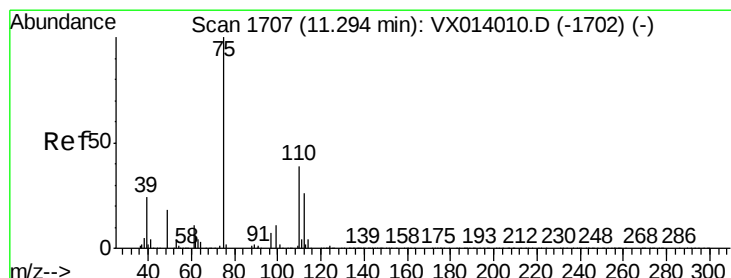
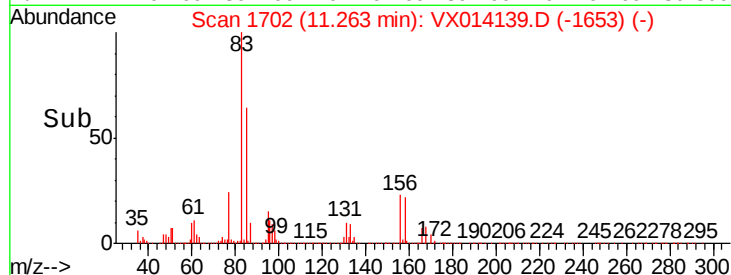
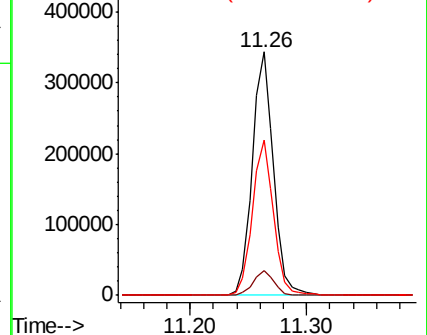
85 63.9 31.9 95.7



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: 65.659 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014139.D

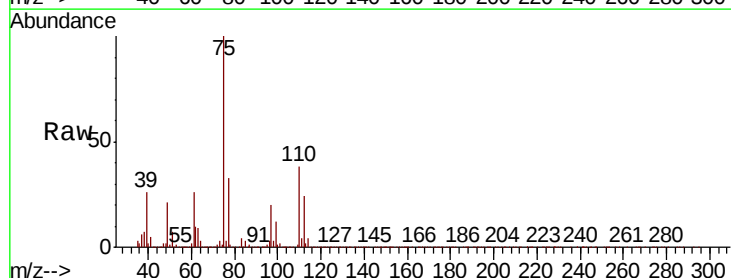
Acq: 19 Dec 2019 22:50

Tgt Ion: 75 Resp: 501229

Ion Ratio Lower Upper

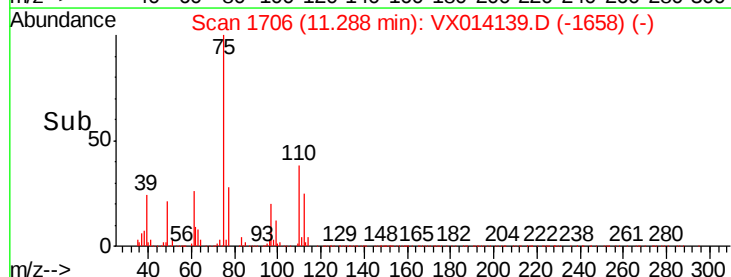
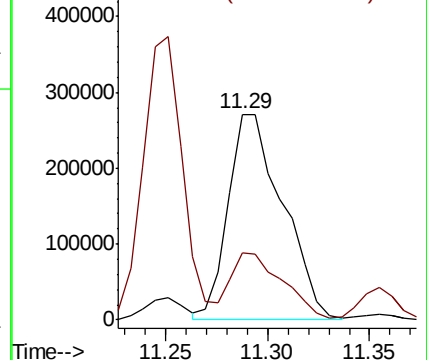
75 100

77 30.7 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: 48.796 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Instrument :

MSVOA_X

ClientSampleId :

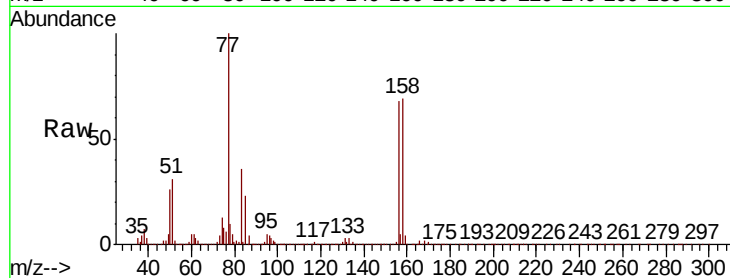
Tot Ion:156 Resp: 332384

Ion Ratio Lower Upper

156 100

77 151.1 76.5 229.5

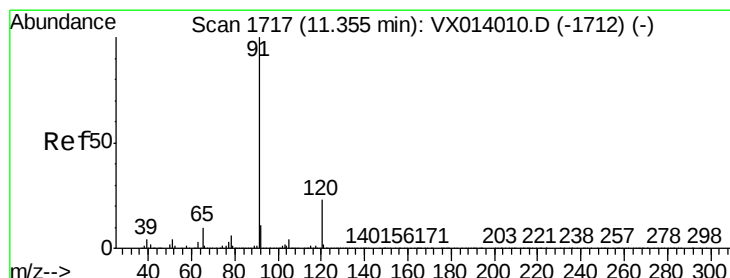
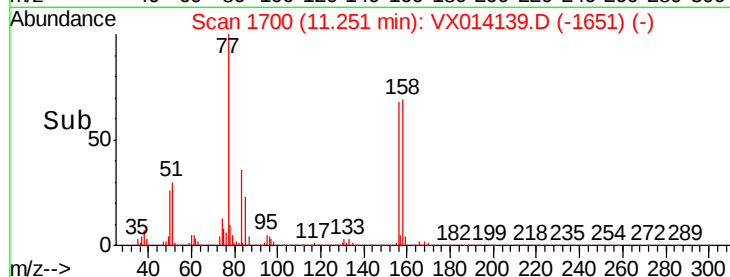
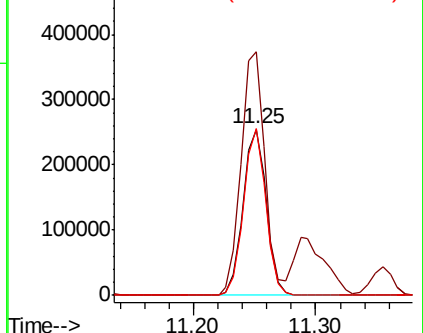
158 96.9 49.3 147.9



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: 50.324 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014139.D

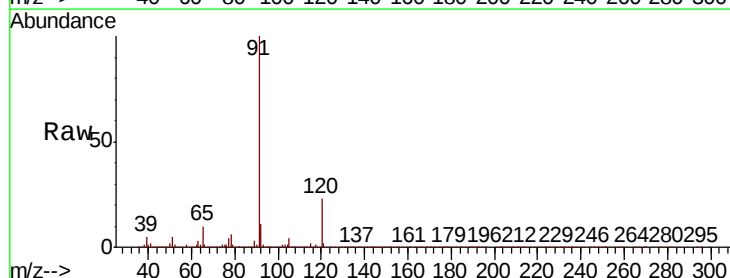
Acq: 19 Dec 2019 22:50

Tgt Ion: 91 Resp: 1397479

Ion Ratio Lower Upper

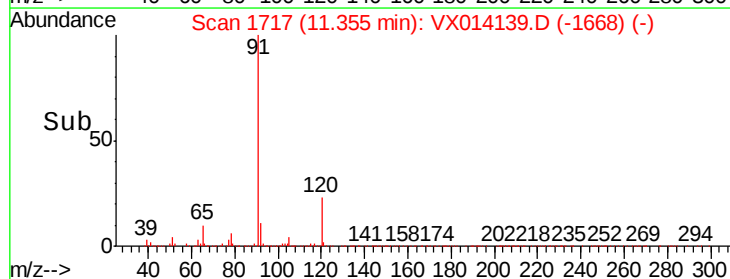
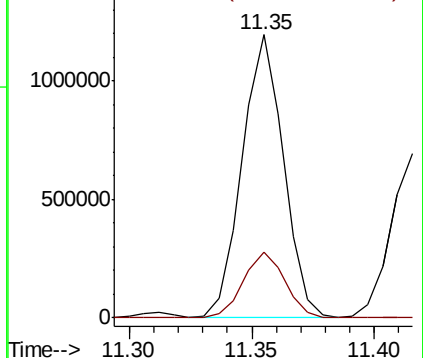
91 100

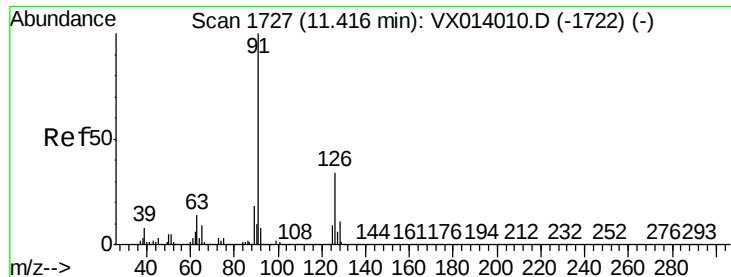
120 23.6 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.608 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Instrument :

MSVOA_X

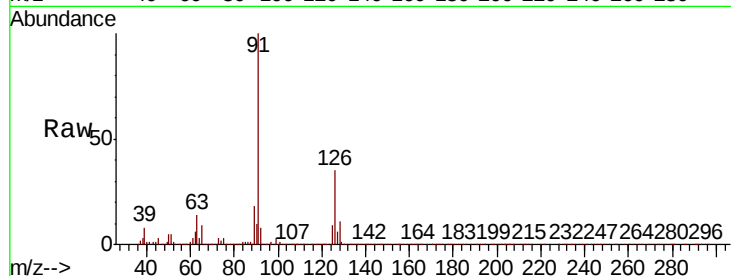
ClientSampleId :

Tot Ion: 91 Resp: 837406

Ion Ratio Lower Upper

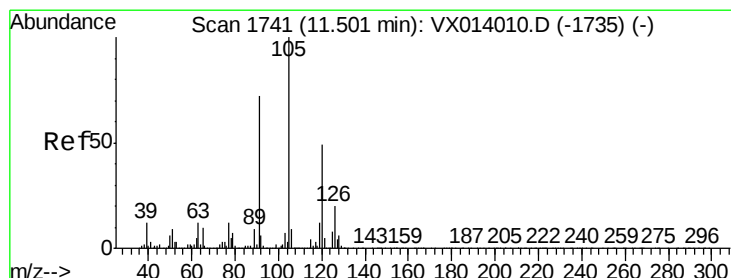
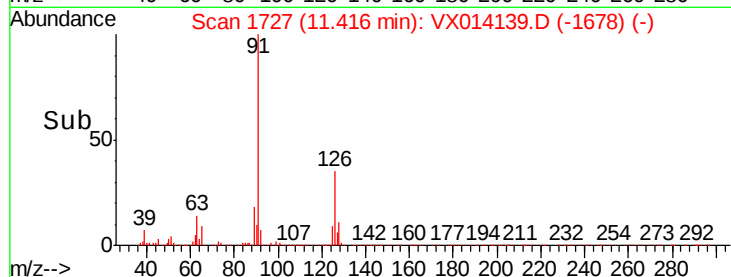
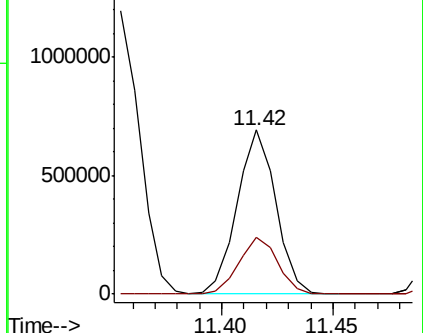
91 100

126 35.0 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VX014139.D (-1722) (-)

Ion 125.90 (125.60 to 126.60): VX014139.D (-1722) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.929 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014139.D

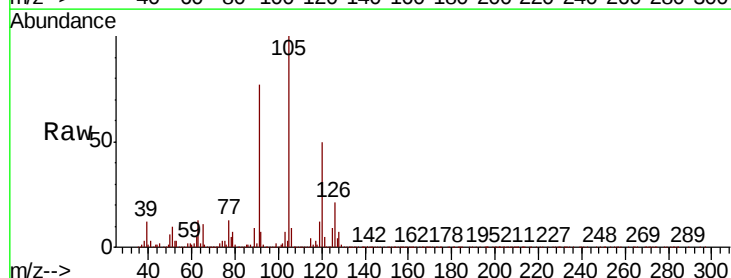
Acq: 19 Dec 2019 22:50

Tgt Ion: 105 Resp: 1040326

Ion Ratio Lower Upper

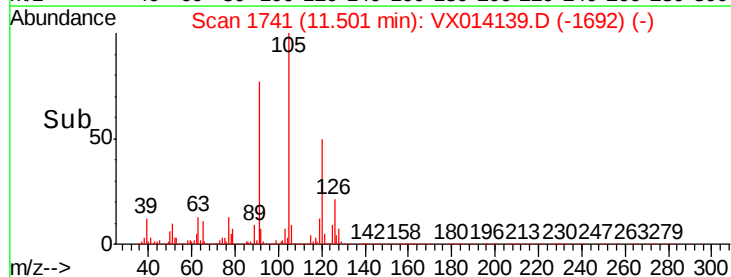
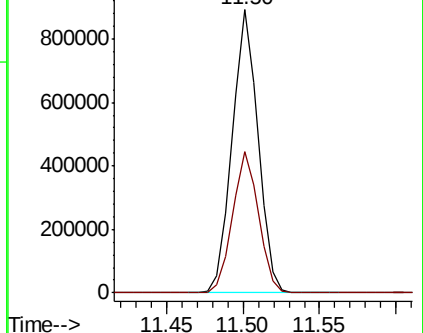
105 100

120 50.4 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VX014139.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX014139.D (-1692) (-)

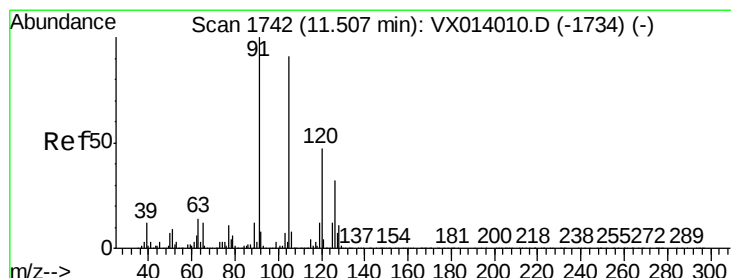
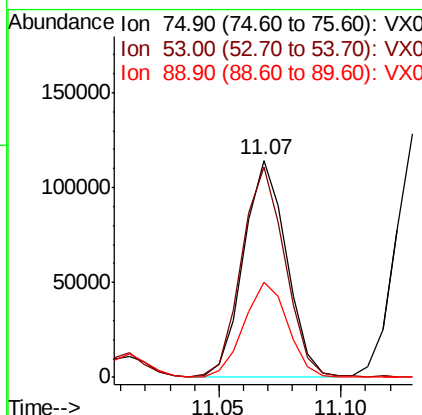
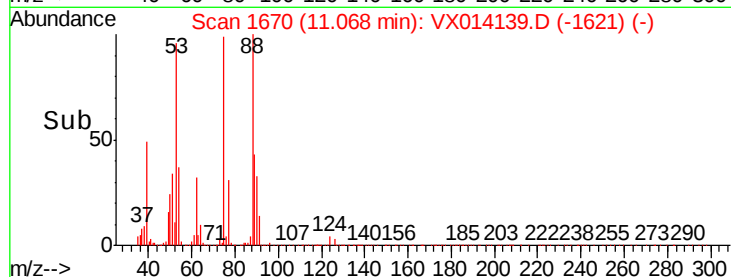
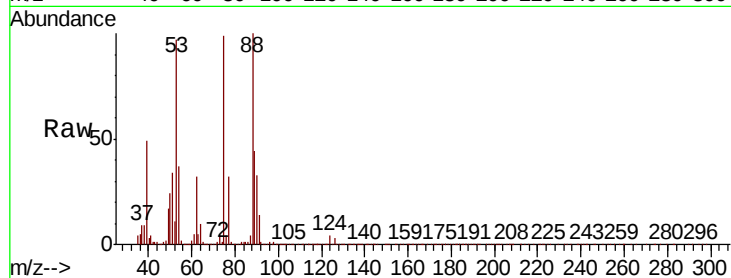




#81
trans-1,4-Dichloro-2-butene
Concen: 51.723 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

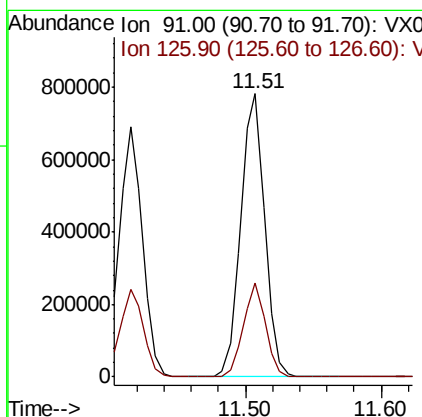
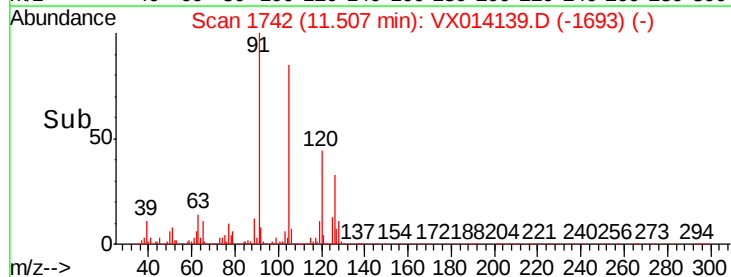
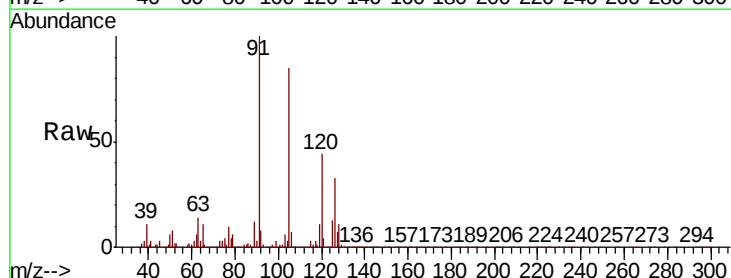
Instrument :
MSVOA_X
ClientSampleId :

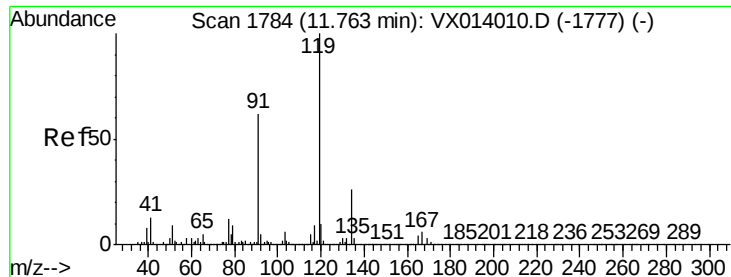
Tot Ion: 75 Resp: 139891
Ion Ratio Lower Upper
75 100
53 97.5 76.7 115.1
89 45.1 34.6 51.8



#82
4-Chlorotoluene
Concen: 48.824 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

Tgt Ion: 91 Resp: 956013
Ion Ratio Lower Upper
91 100
126 30.8 15.6 46.8





#83

tert-Butylbenzene

Concen: 46.352 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Instrument :

MSVOA_X

ClientSampleId :

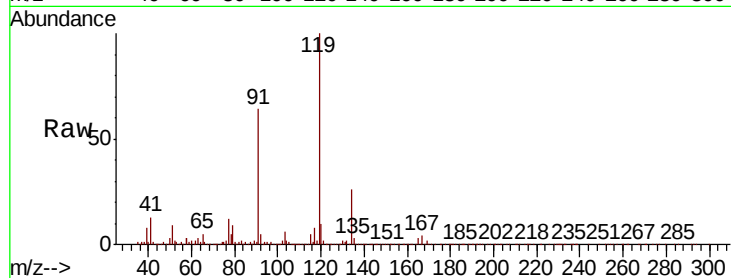
Tot Ion:119 Resp: 939864

Ion Ratio Lower Upper

119 100

91 60.8 28.5 85.6

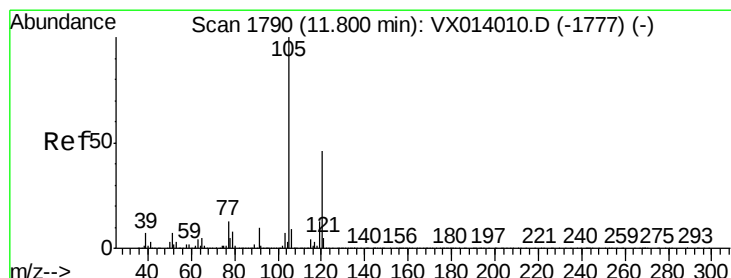
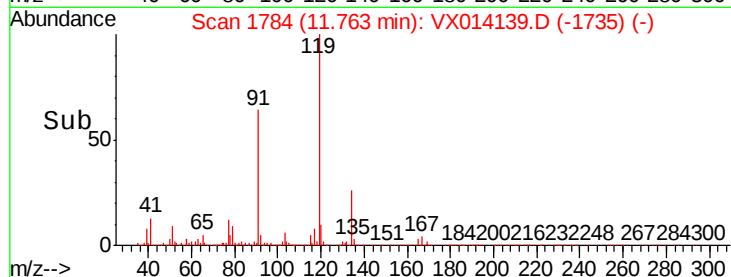
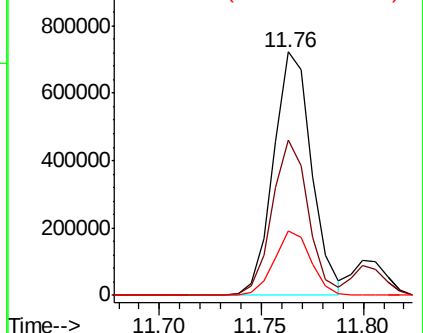
134 25.4 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.355 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX014139.D

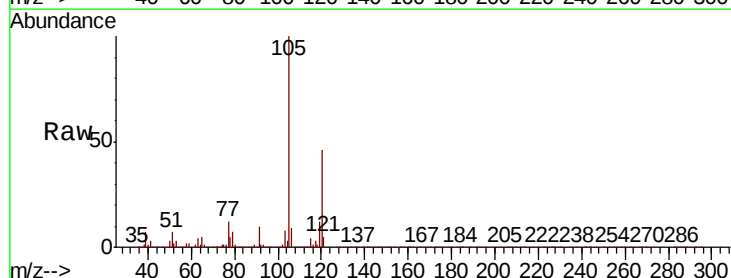
Acq: 19 Dec 2019 22:50

Tgt Ion:105 Resp: 1050709

Ion Ratio Lower Upper

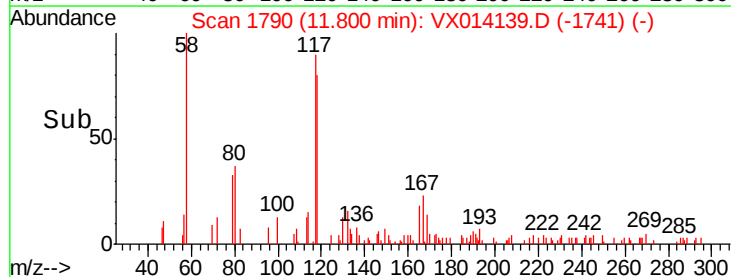
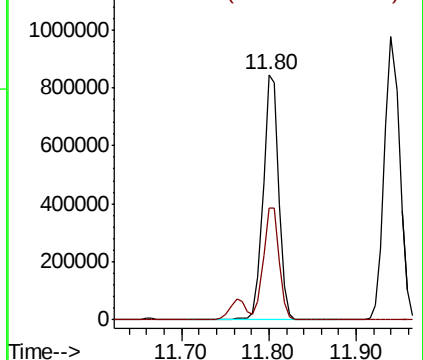
105 100

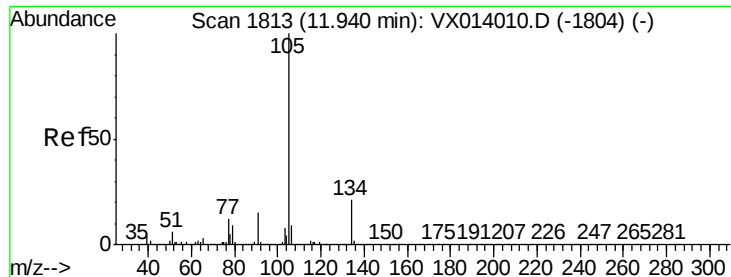
120 46.3 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.490 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Instrument :

MSVOA_X

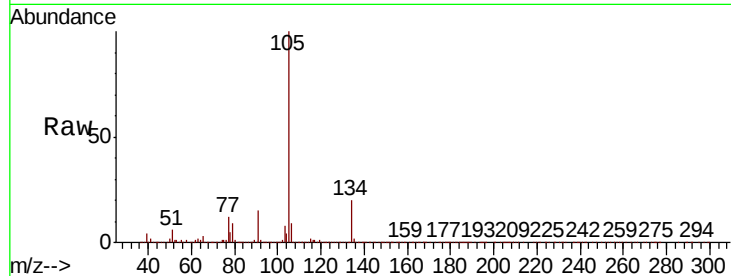
ClientSampleId :

Tot Ion:105 Resp: 1184668

Ion Ratio Lower Upper

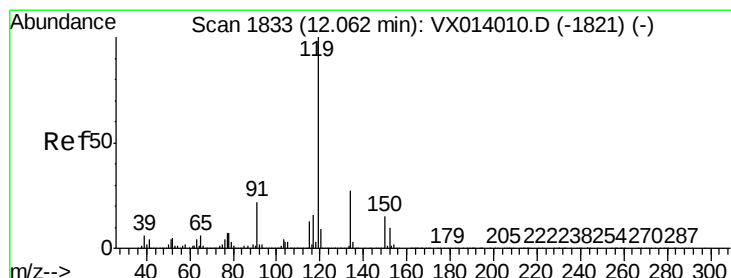
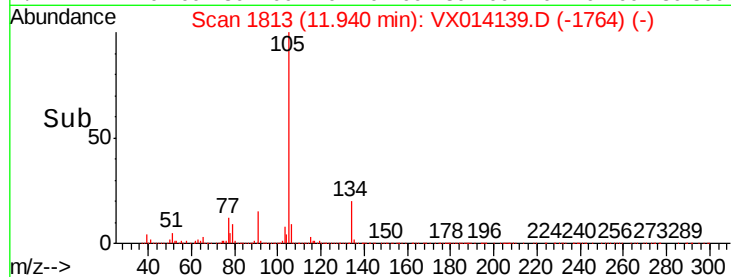
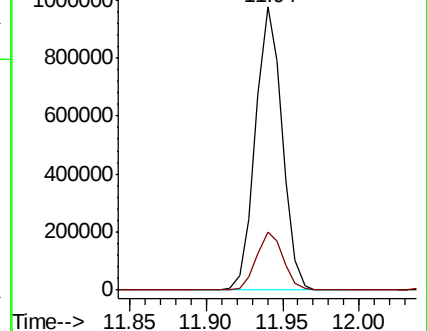
105 100

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: 50.170 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

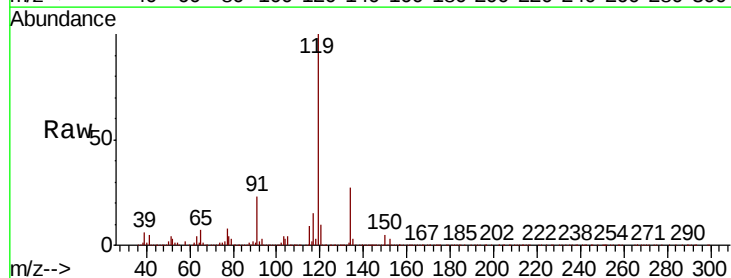
Tgt Ion:119 Resp: 1098544

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

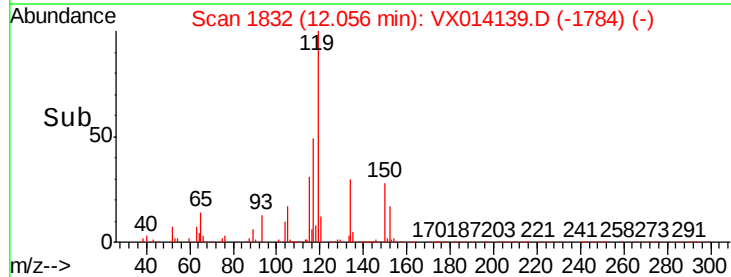
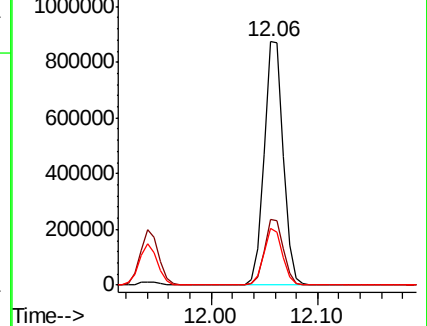
91 22.5 11.4 34.1

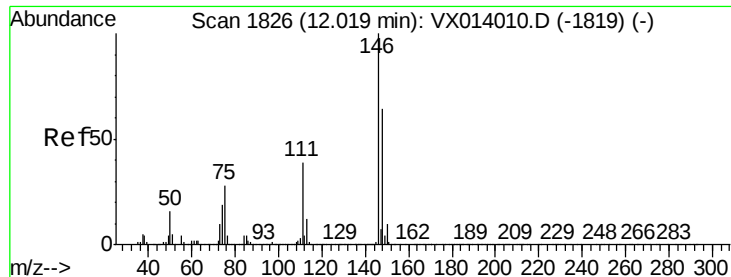


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

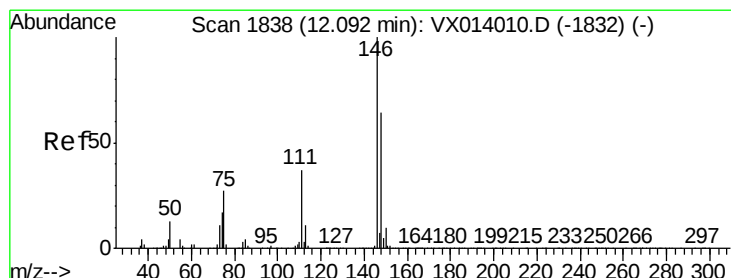
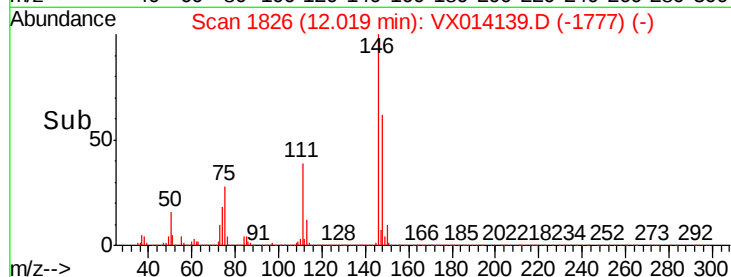
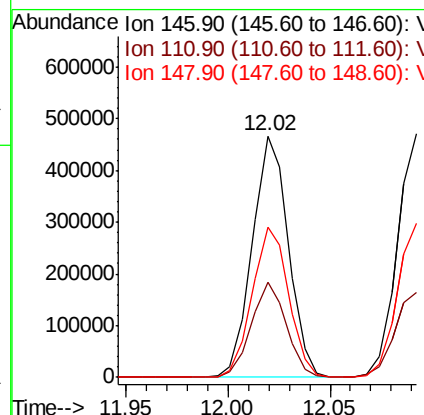
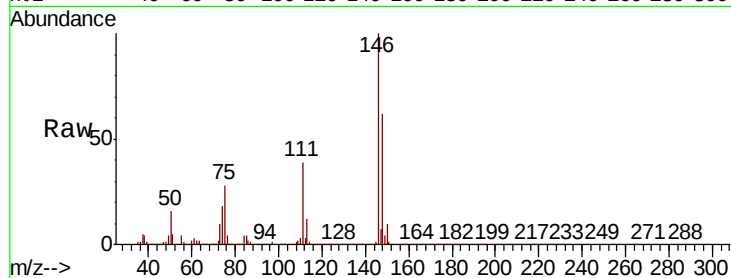




#87
 1,3-Dichlorobenzene
 Concen: 48.182 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014139.D
 Acq: 19 Dec 2019 22:50

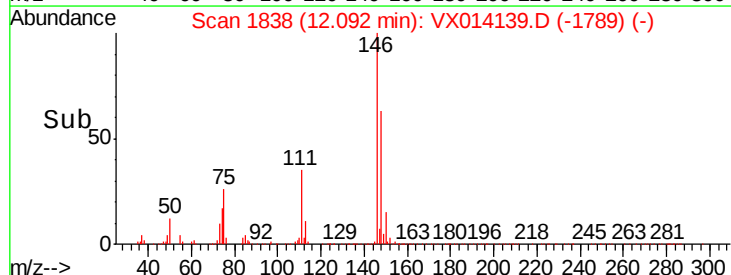
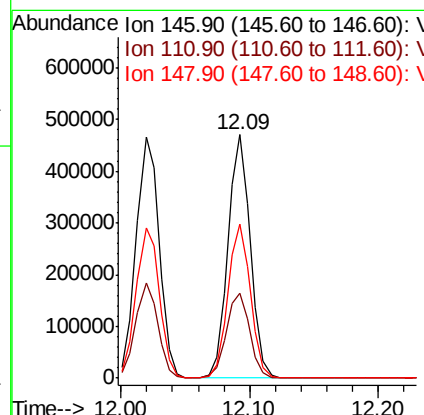
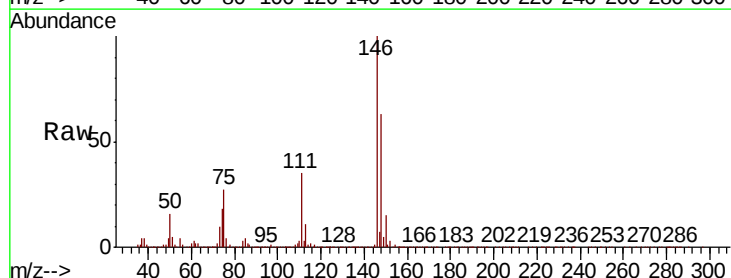
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 575211
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.1 57.1
 148 63.0 32.3 96.9



#88
 1,4-Dichlorobenzene
 Concen: 47.316 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014139.D
 Acq: 19 Dec 2019 22:50

Tgt Ion:146 Resp: 574362
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.7 56.1
 148 63.6 31.9 95.9





#89

n-Butylbenzene

Concen: 49.306 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Instrument :

MSVOA_X

ClientSampled :

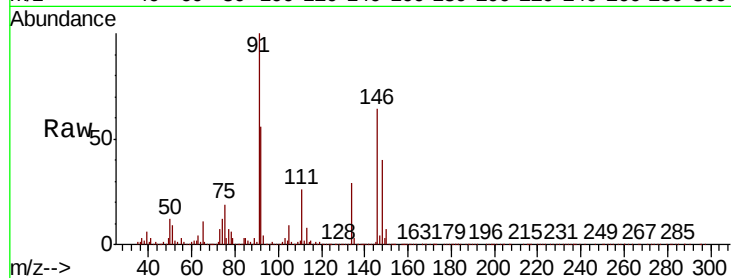
Tot Ion: 91 Resp: 921207

Ion Ratio Lower Upper

91 100

92 55.1 27.2 81.6

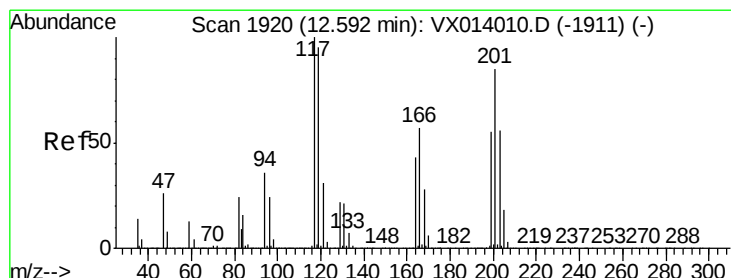
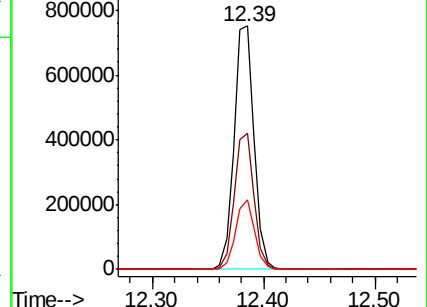
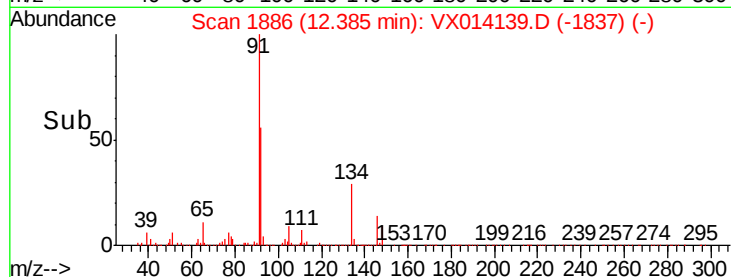
134 27.4 13.4 40.1



Abundance Ion 91.00 (90.70 to 91.70): VX014139.D (-1837) (-)

Ion 92.00 (91.70 to 92.70): VX014139.D (-1837) (-)

Ion 134.00 (133.70 to 134.70): VX014139.D (-1837) (-)



#90

Hexachloroethane

Concen: 49.962 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014139.D

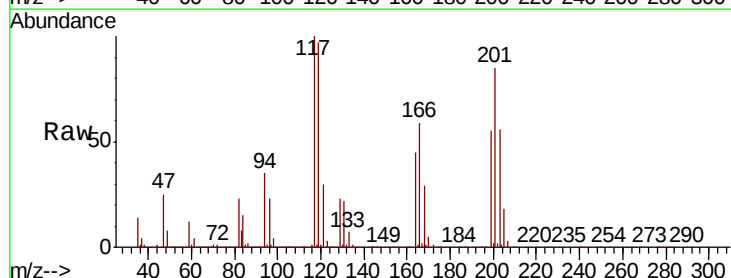
Acq: 19 Dec 2019 22:50

Tgt Ion: 117 Resp: 196500

Ion Ratio Lower Upper

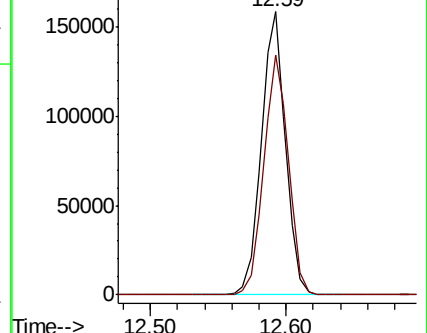
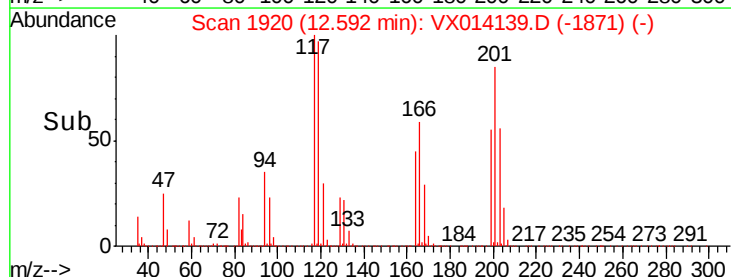
117 100

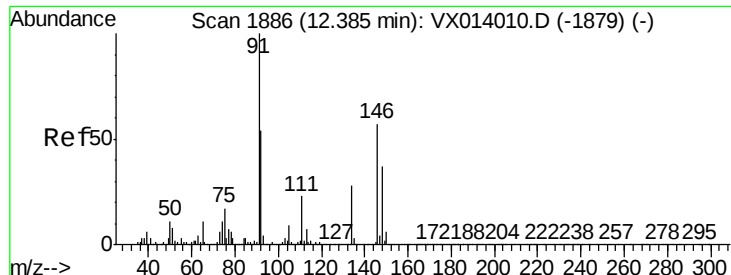
201 86.8 43.1 129.3



Abundance Ion 116.80 (116.50 to 117.50): VX014139.D (-1871) (-)

Ion 200.70 (200.40 to 201.40): VX014139.D (-1871) (-)

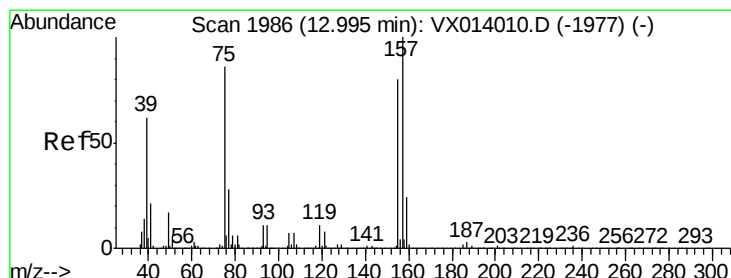
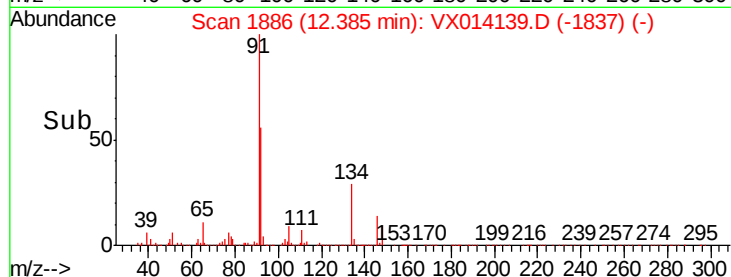
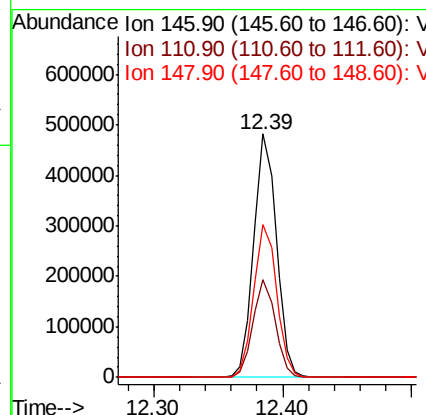
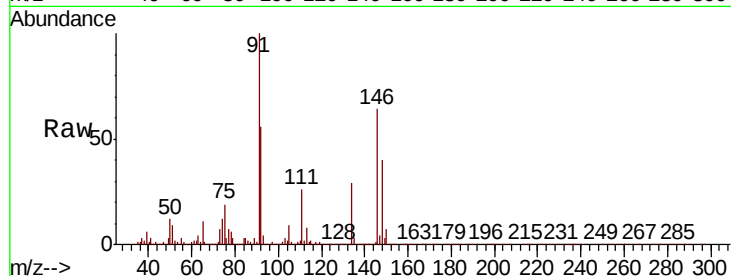




#91
 1,2-Dichlorobenzene
 Concen: 48.491 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014139.D
 Acq: 19 Dec 2019 22:50

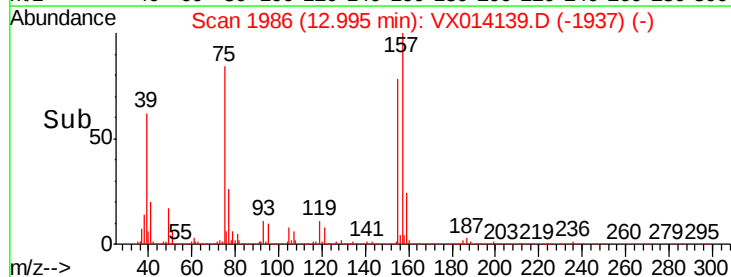
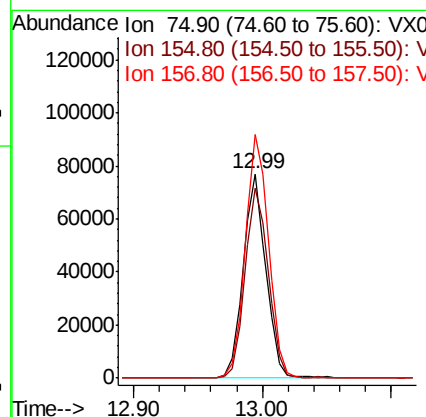
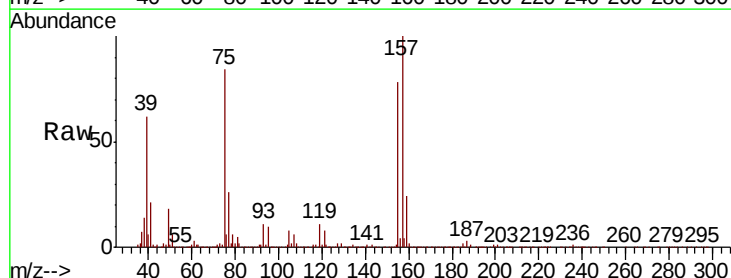
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.7	59.1
148	63.5	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.955 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014139.D
 Acq: 19 Dec 2019 22:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.7	46.9	140.6
157	122.4	60.8	182.4

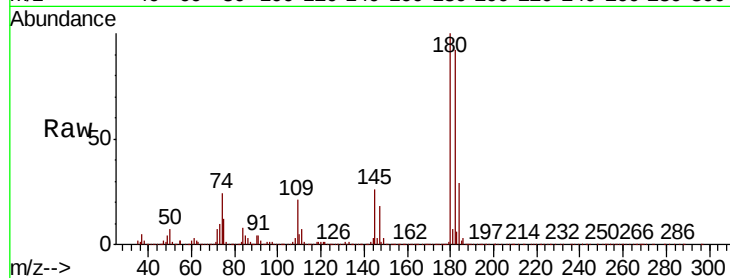




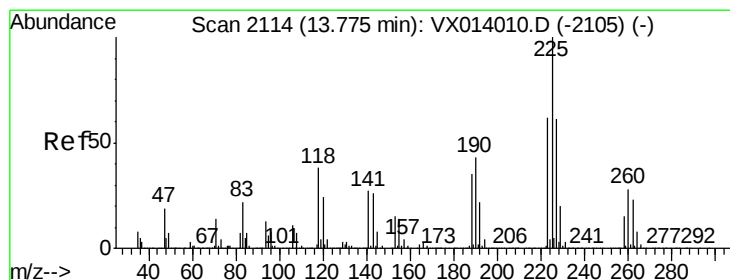
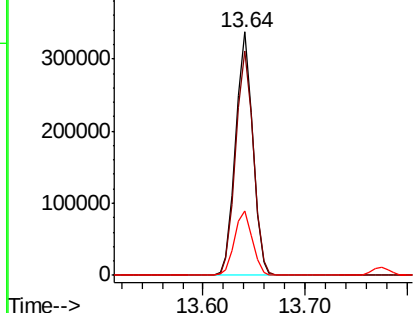
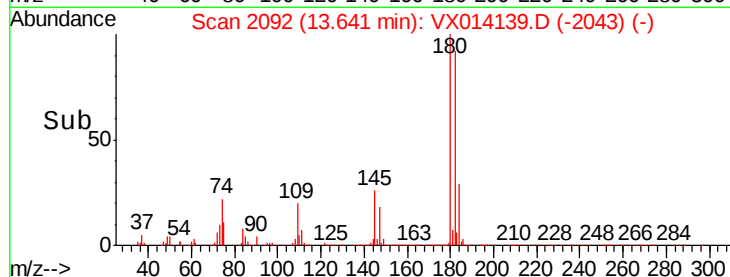
#93
1,2,4-Trichlorobenzene
Concen: 49.801 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:180 Resp: 388992
Ion Ratio Lower Upper
180 100
182 94.3 46.6 139.8
145 27.5 14.2 42.6

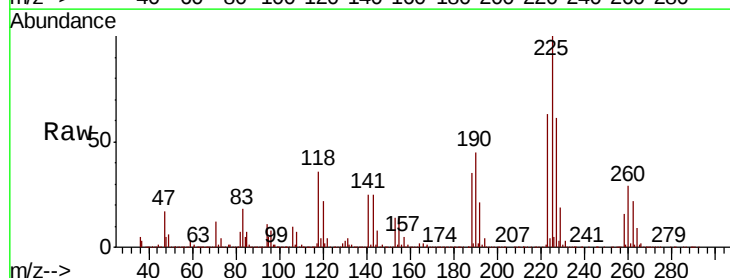


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

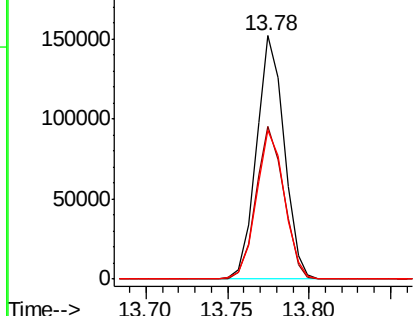
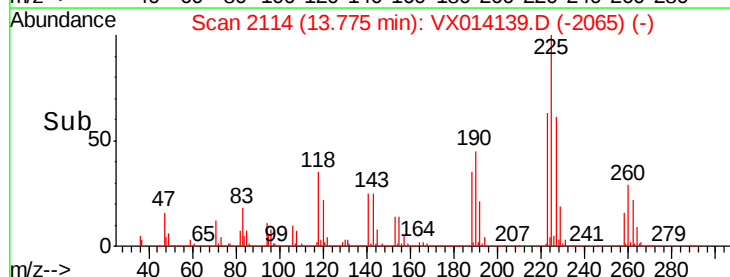


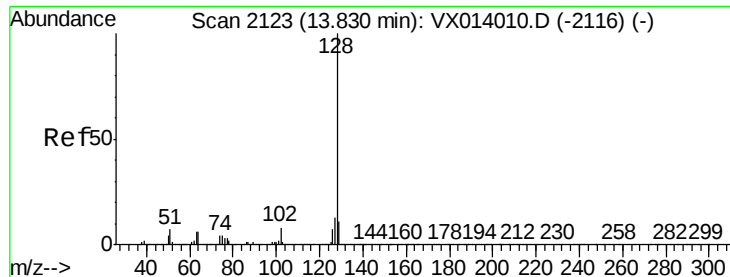
#94
Hexachlorobutadiene
Concen: 47.832 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

Tgt Ion:225 Resp: 179559
Ion Ratio Lower Upper
225 100
223 63.4 30.9 92.5
227 62.3 30.9 92.7



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

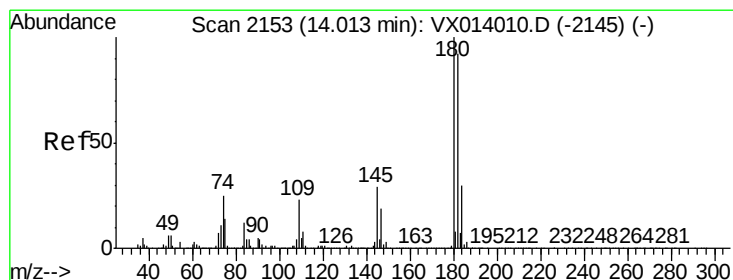
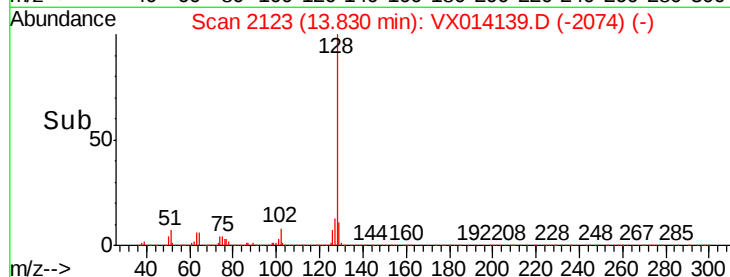
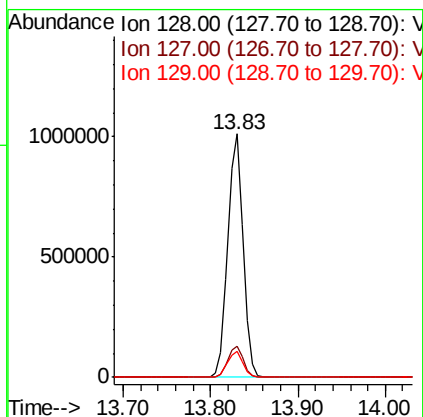
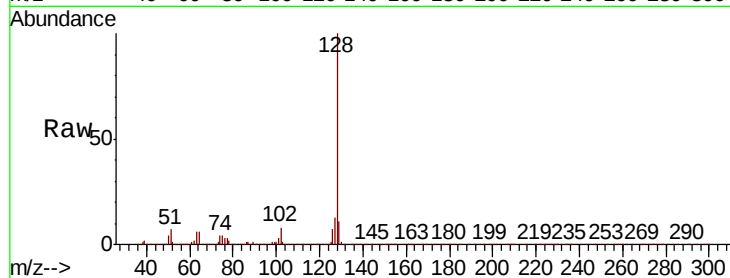




#95
Naphthalene
Concen: 53.442 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 1226452
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.744 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

Tgt Ion:180 Resp: 391268
Ion Ratio Lower Upper
180 100
182 95.9 46.8 140.3
145 29.7 14.8 44.4

