

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010720\
 Data File : VX014451.D
 Acq On : 07 Jan 2020 16:12
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 08 01:31:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	566592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	833879	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	754570	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	397961	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	297141	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	
35) Dibromofluoromethane	5.48	113	247845	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
50) Toluene-d8	8.71	98	981374	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
62) 4-Bromofluorobenzene	11.13	95	363358	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	362087	51.466	ug/l	100
3) Chloromethane	1.32	50	381636	52.841	ug/l	98
4) Vinyl Chloride	1.40	62	416277	51.725	ug/l	98
5) Bromomethane	1.64	94	247475	46.390	ug/l	99
6) Chloroethane	1.72	64	224632	51.254	ug/l	99
7) Trichlorofluoromethane	1.92	101	454033	49.733	ug/l	98
8) Diethyl Ether	2.18	74	192916	46.318	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	273219	49.192	ug/l	100
10) Methyl Iodide	2.50	142	308736	46.422	ug/l	100
11) Tert butyl alcohol	3.02	59	288337	218.327	ug/l	100
12) 1,1-Dichloroethene	2.37	96	268874	48.048	ug/l	98
13) Acrolein	2.28	56	255586	241.449	ug/l	100
14) Allyl chloride	2.72	41	476513	48.502	ug/l	99
15) Acrylonitrile	3.13	53	751553	235.783	ug/l	98
16) Acetone	2.43	43	749410	236.069	ug/l	99
17) Carbon Disulfide	2.56	76	779144	49.900	ug/l	99
18) Methyl Acetate	2.76	43	442348	48.659	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	880043	48.990	ug/l	99
20) Methylene Chloride	2.85	84	296953	46.669	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	292366	47.857	ug/l	99
22) Diisopropyl ether	3.84	45	940937	49.558	ug/l	94
23) Vinyl Acetate	3.80	43	3730204	253.761	ug/l	99
24) 1,1-Dichloroethane	3.69	63	507768	49.162	ug/l	99
25) 2-Butanone	4.65	43	1090673	230.845	ug/l	100
26) 2,2-Dichloropropane	4.57	77	438012	50.062	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	325472	47.657	ug/l	99
28) Bromochloromethane	5.00	49	196111	45.061	ug/l	99
29) Tetrahydrofuran	5.11	42	661610	236.846	ug/l	99
30) Chloroform	5.20	83	494923	49.037	ug/l	99
31) Cyclohexane	5.57	56	497908	51.502	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	428389	49.587	ug/l	100
36) 1,1-Dichloropropene	5.79	75	394489	50.306	ug/l	99
37) Ethyl Acetate	4.81	43	410790	48.227	ug/l	99
38) Carbon Tetrachloride	5.78	117	374717	51.926	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010720\
 Data File : VX014451.D
 Acq On : 07 Jan 2020 16:12
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 08 01:31:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	523709	53.157	ug/l	99
40) Benzene	6.13	78	1170052	50.272	ug/l	99
41) Methacrylonitrile	5.02	41	226190	49.796	ug/l	100
42) 1,2-Dichloroethane	6.18	62	396517	48.726	ug/l	100
43) Isopropyl Acetate	6.43	43	693054	50.367	ug/l	99
44) Trichloroethene	7.20	130	334948	50.078	ug/l	98
45) 1,2-Dichloropropane	7.50	63	302070	50.906	ug/l	100
46) Dibromomethane	7.65	93	197153	47.603	ug/l	99
47) Bromodichloromethane	7.89	83	391542	51.956	ug/l	100
48) Methyl methacrylate	7.76	41	340002	51.591	ug/l	99
49) 1,4-Dioxane	7.73	88	120874	865.597	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	2068774	246.724	ug/l	99
52) Toluene	8.78	92	745986	50.070	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	453098	51.643	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	500363	52.794	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	295984	49.460	ug/l	98
56) Ethyl methacrylate	9.17	69	479239	52.271	ug/l	99
57) 1,3-Dichloropropane	9.36	76	498570	49.828	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	923416	296.026	ug/l	99
59) 2-Hexanone	9.48	43	1615992	243.572	ug/l	99
60) Dibromochloromethane	9.57	129	316758	52.662	ug/l	99
61) 1,2-Dibromoethane	9.67	107	309212	48.778	ug/l	100
64) Tetrachloroethene	9.33	164	340524	45.028	ug/l	97
65) Chlorobenzene	10.13	112	811489	49.556	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	300279	51.383	ug/l	100
67) Ethyl Benzene	10.25	91	1448363	51.892	ug/l	99
68) m/p-Xylenes	10.35	106	1115895	103.632	ug/l	100
69) o-Xylene	10.69	106	526687	51.264	ug/l	100
70) Styrene	10.71	104	932816	52.612	ug/l	99
71) Bromoform	10.85	173	250324	52.354	ug/l	# 99
73) Isopropylbenzene	11.01	105	1428074	51.102	ug/l	100
74) N-amyl acetate	10.89	43	626922	50.849	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	440857	49.192	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	526435	63.935	ug/l	83
77) Bromobenzene	11.25	156	371253	47.904	ug/l	99
78) n-propylbenzene	11.35	91	1652057	51.620	ug/l	100
79) 2-Chlorotoluene	11.42	91	945909	49.591	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1202335	51.822	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	162162	52.068	ug/l	100
82) 4-Chlorotoluene	11.51	91	1116013	49.845	ug/l	99
83) tert-Butylbenzene	11.76	119	1143692	52.171	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1198863	51.137	ug/l	100
85) sec-Butylbenzene	11.94	105	1418258	52.042	ug/l	100
86) p-Isopropyltoluene	12.06	119	1323927	52.352	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	685324	49.274	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	689739	52.820	ug/l	99
89) n-Butylbenzene	12.39	91	1210818	52.366	ug/l	99
90) Hexachloroethane	12.59	117	233657	52.600	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	664414	48.758	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	97229	48.231	ug/l	99

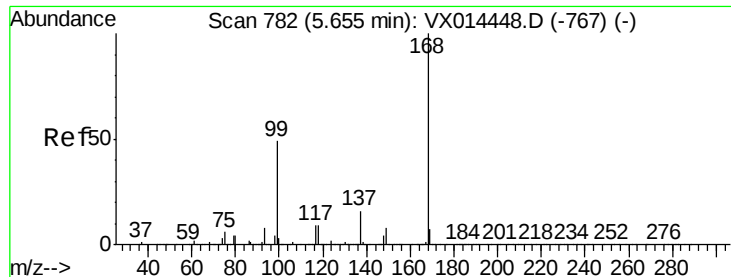
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010720\
Data File : VX014451.D
Acq On : 07 Jan 2020 16:12
Operator : JC/SP
Sample : VSTDICV050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jan 08 01:31:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	512087	53.553	ug/l	99
94) Hexachlorobutadiene	13.78	225	247118	55.163	ug/l	99
95) Naphthalene	13.83	128	1439034	48.478	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	490859	52.309	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014451.D

Acq: 07 Jan 2020 16:12

Instrument :

MSVOA_X

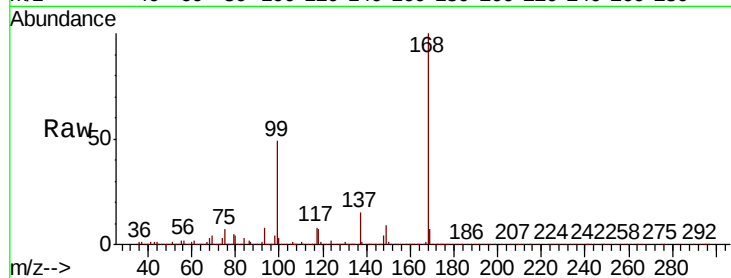
ClientSampleId :

Tot Ion:168 Resp: 566592

Ion Ratio Lower Upper

168 100

99 49.2 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

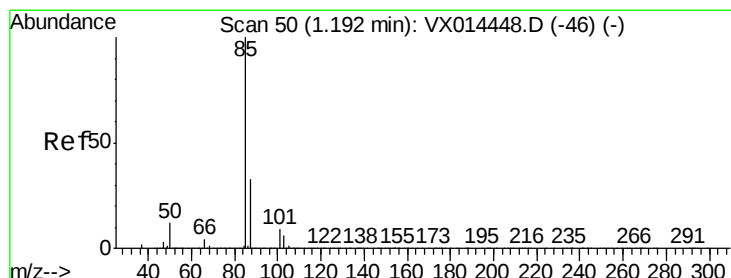
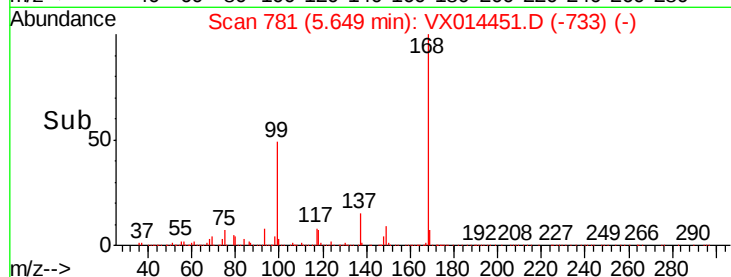
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 51.466 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014451.D

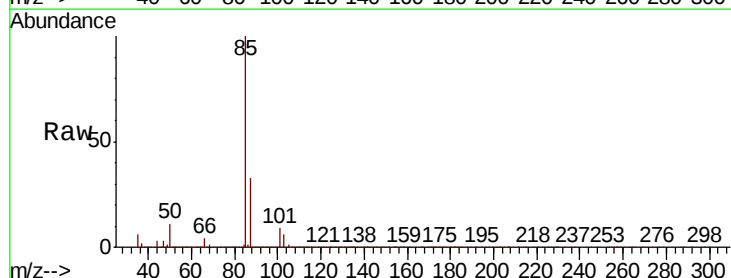
Acq: 07 Jan 2020 16:12

Tgt Ion: 85 Resp: 362087

Ion Ratio Lower Upper

85 100

87 33.0 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

400000

300000

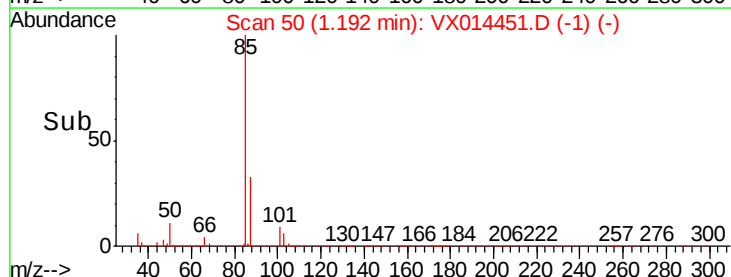
200000

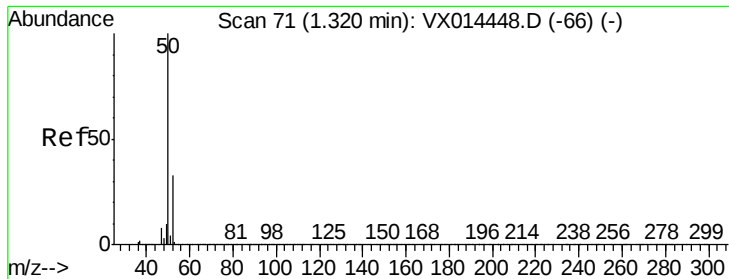
100000

0

Time-->

1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 52.841 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014451.D

Acq: 07 Jan 2020 16:12

Instrument :

MSVOA_X

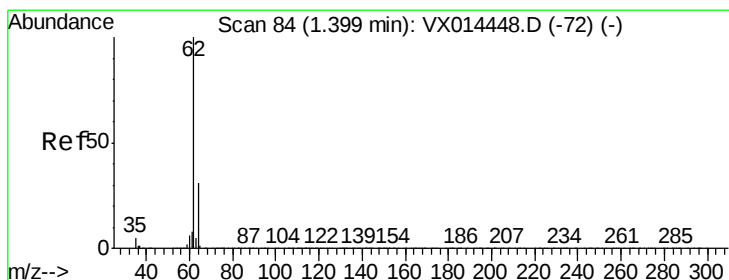
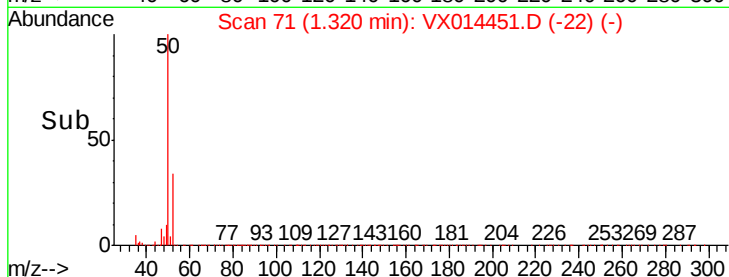
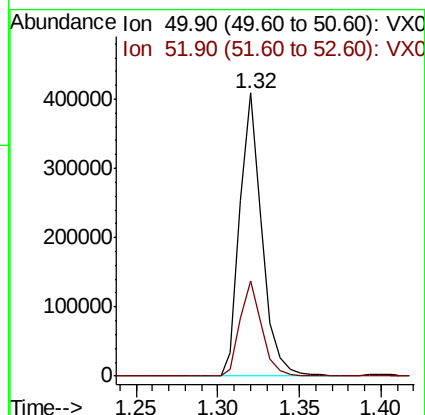
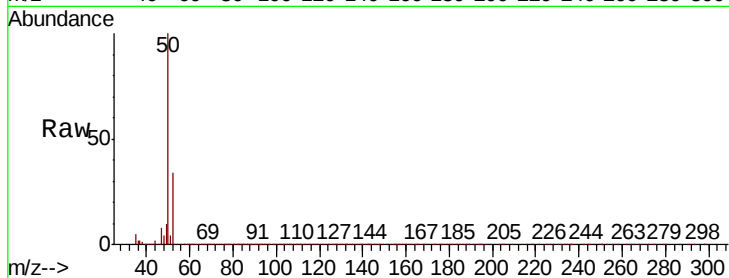
ClientSampleId :

Tot Ion: 50 Resp: 381636

Ion Ratio Lower Upper

50 100

52 33.6 26.1 39.1



#4

Vinyl Chloride

Concen: 51.725 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014451.D

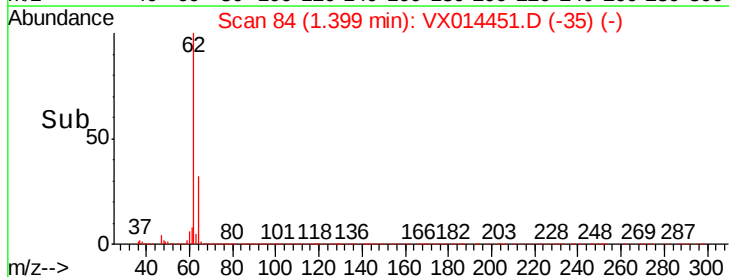
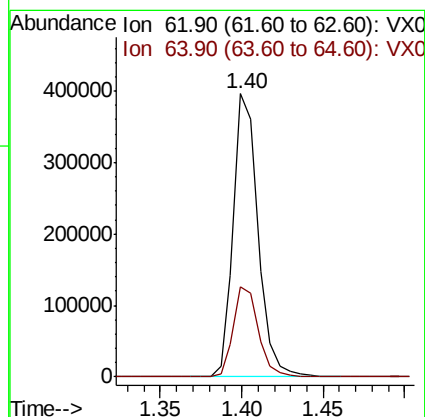
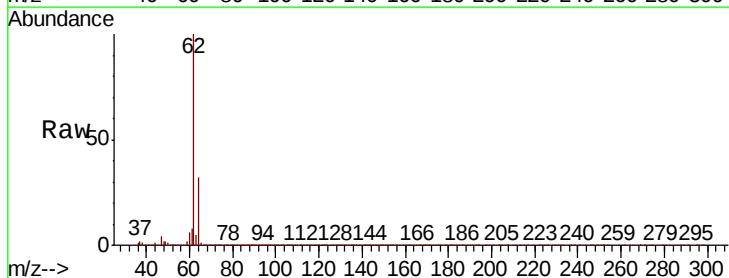
Acq: 07 Jan 2020 16:12

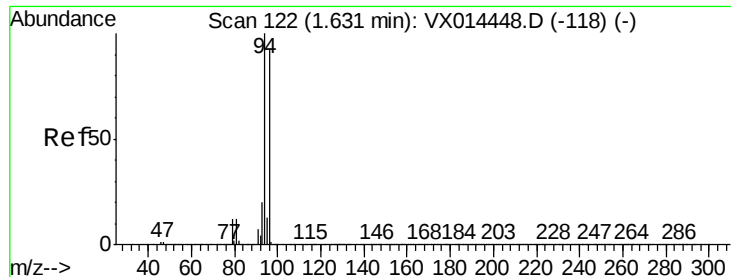
Tgt Ion: 62 Resp: 416277

Ion Ratio Lower Upper

62 100

64 31.9 24.6 37.0





#5

Bromomethane

Concen: 46.390 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014451.D

Acq: 07 Jan 2020 16:12

Instrument :

MSVOA_X

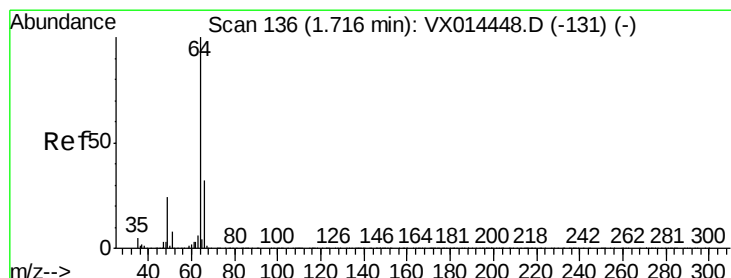
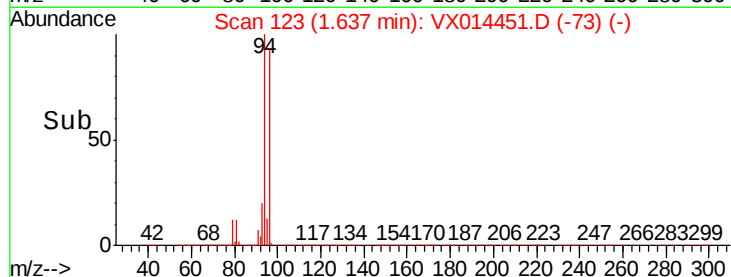
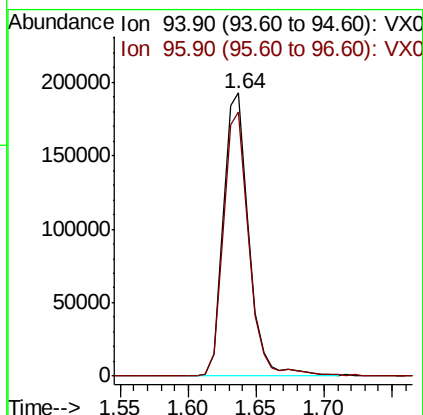
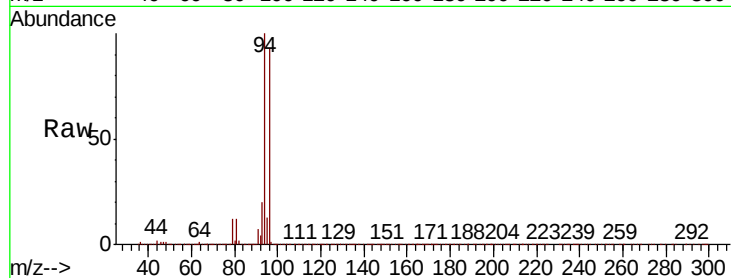
ClientSampleId :

Tot Ion: 94 Resp: 247475

Ion Ratio Lower Upper

94 100

96 93.2 74.2 111.2



#6

Chloroethane

Concen: 51.254 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014451.D

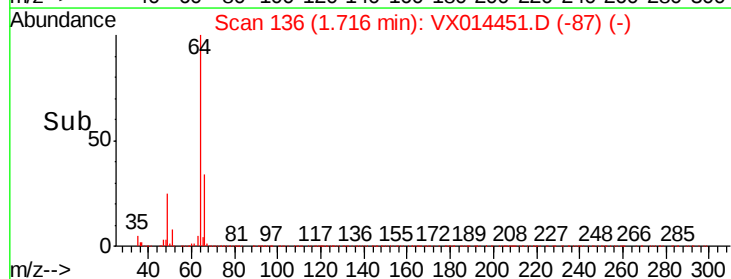
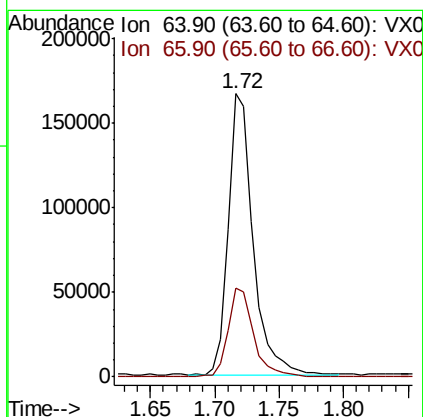
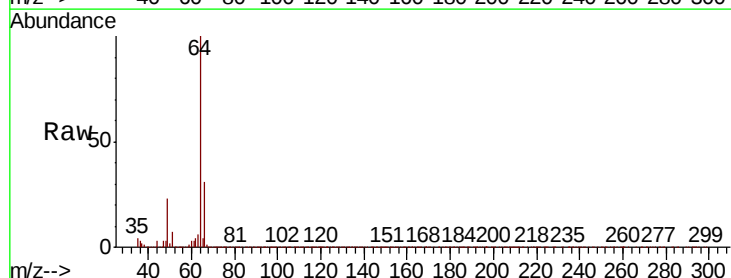
Acq: 07 Jan 2020 16:12

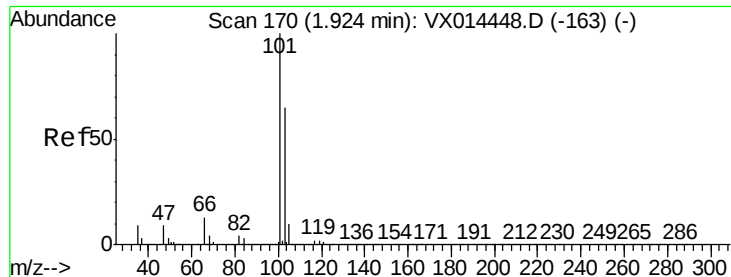
Tgt Ion: 64 Resp: 224632

Ion Ratio Lower Upper

64 100

66 31.2 25.3 37.9



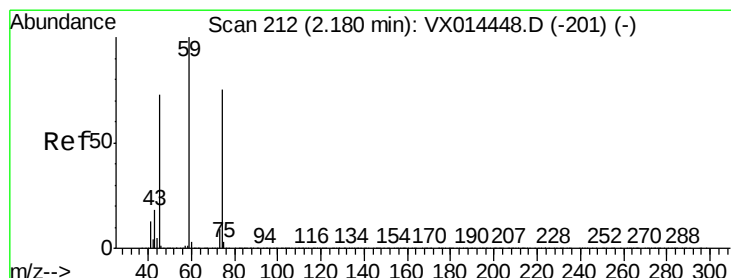
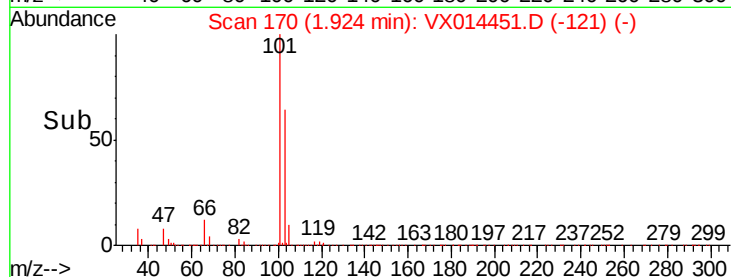
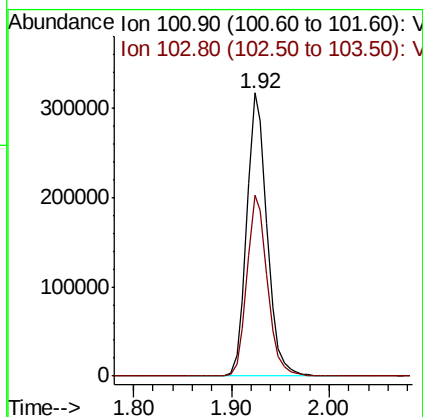
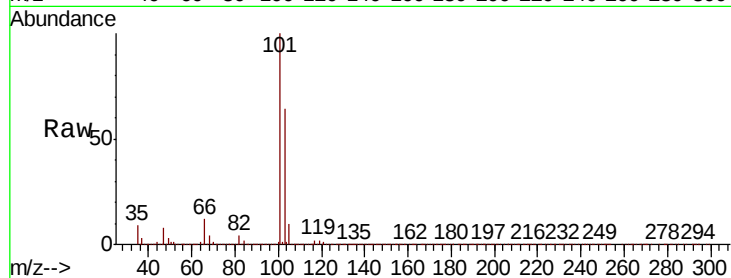


#7

Trichlorofluoromethane
Concen: 49.733 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014451.D
Acq: 07 Jan 2020 16:12

Instrument :
MSVOA_X
ClientSampleId :

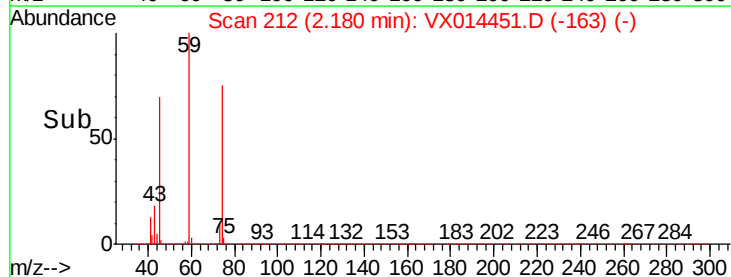
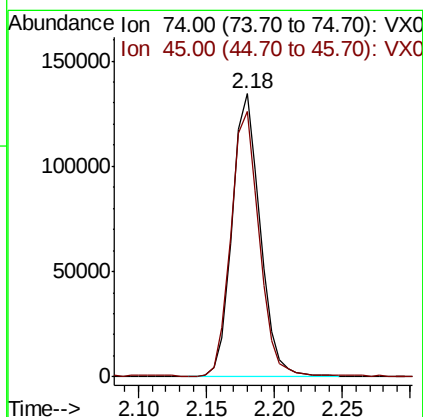
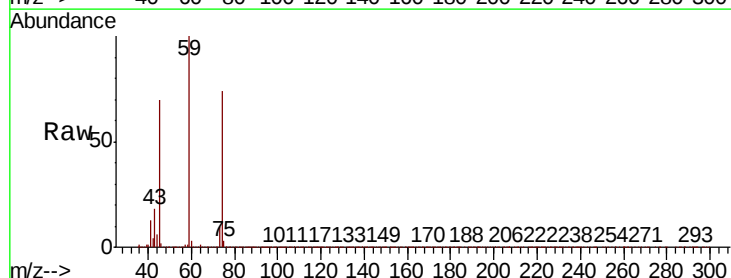
Tot Ion:101 Resp: 454033
Ion Ratio Lower Upper
101 100
103 63.9 52.2 78.4

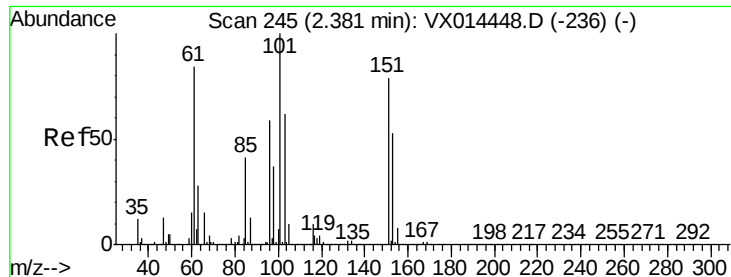


#8

Diethyl Ether
Concen: 46.318 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014451.D
Acq: 07 Jan 2020 16:12

Tgt Ion: 74 Resp: 192916
Ion Ratio Lower Upper
74 100
45 94.8 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.192 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014451.D

Acq: 07 Jan 2020 16:12

Instrument :

MSVOA_X

ClientSampleId :

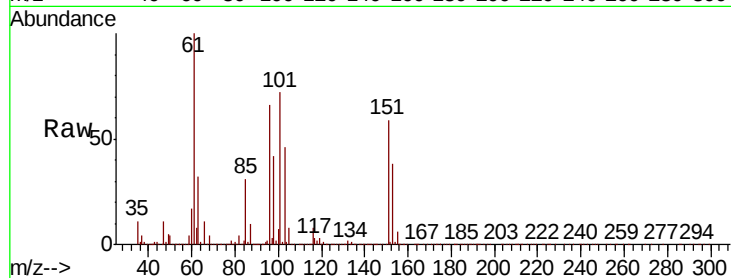
Tot Ion:101 Resp: 273219

Ion Ratio Lower Upper

101 100

85 42.3 33.8 50.8

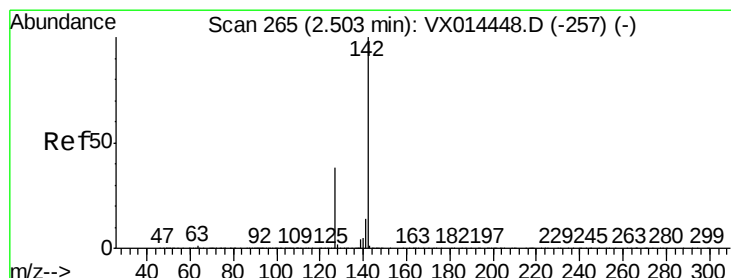
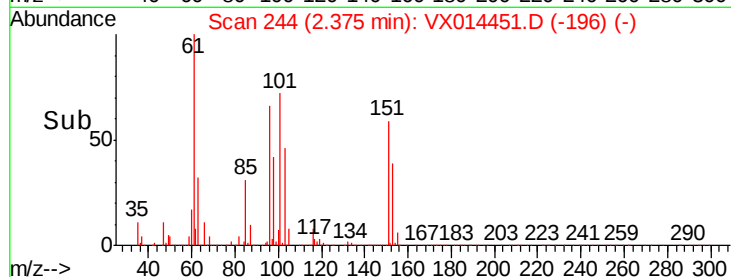
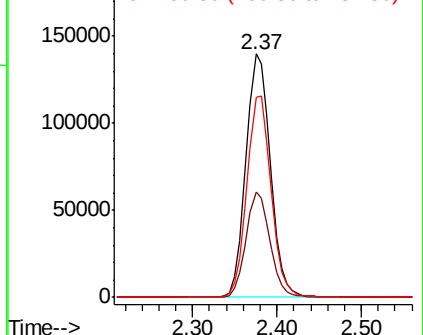
151 81.5 65.3 97.9



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: 46.422 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014451.D

Acq: 07 Jan 2020 16:12

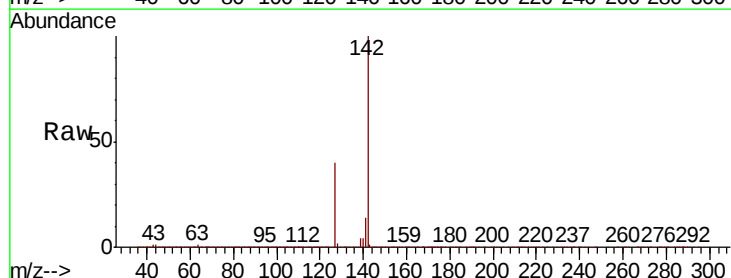
Tgt Ion:142 Resp: 308736

Ion Ratio Lower Upper

142 100

127 39.1 31.2 46.8

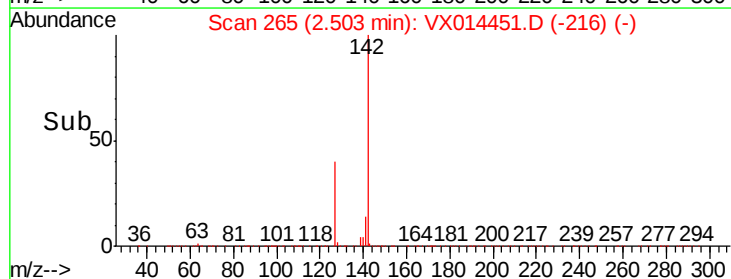
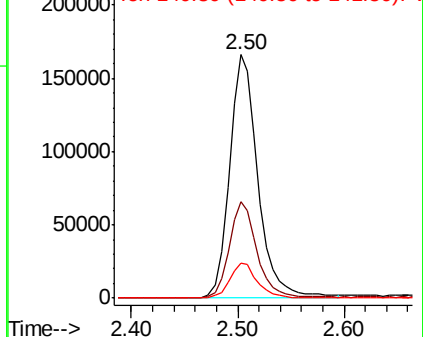
141 14.1 11.4 17.2

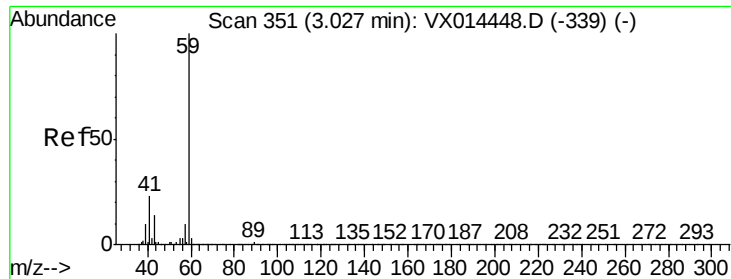


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

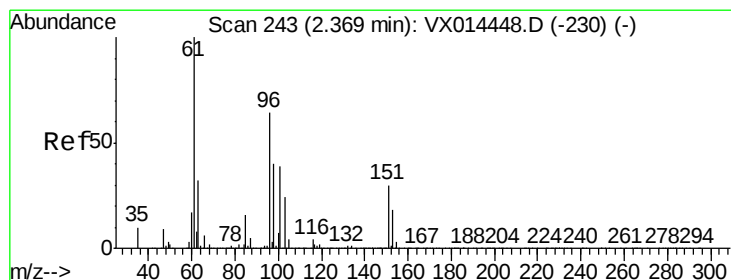
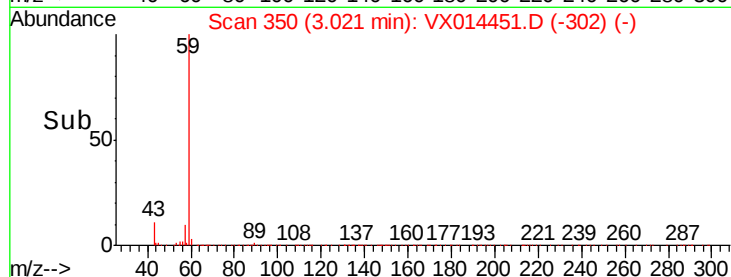
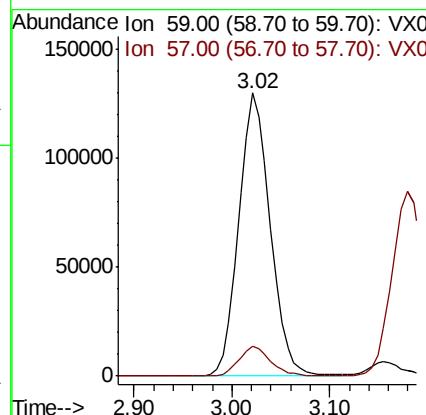
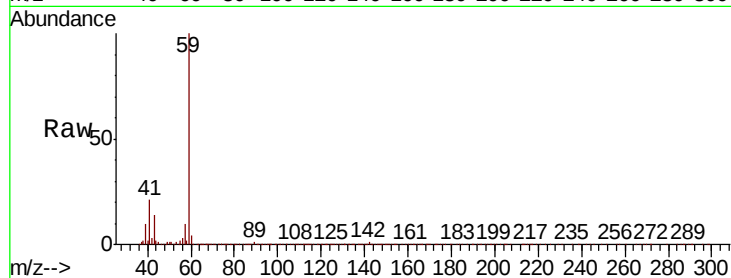




#11
Tert butyl alcohol
Concen: 218.327 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014451.D
Acq: 07 Jan 2020 16:12

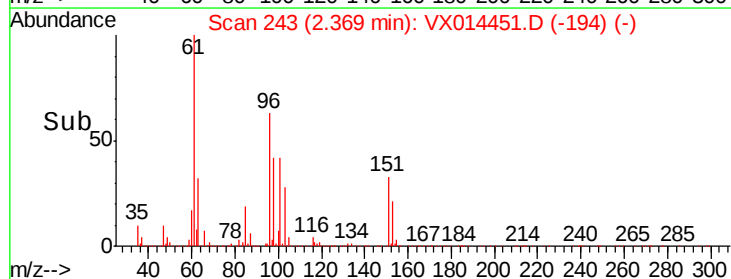
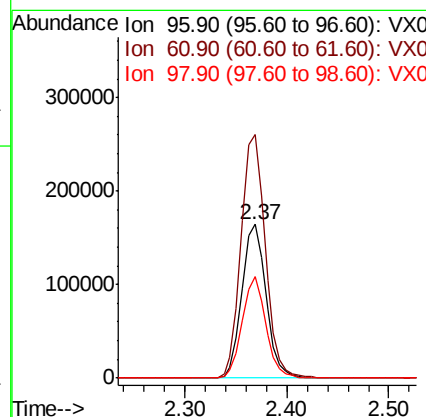
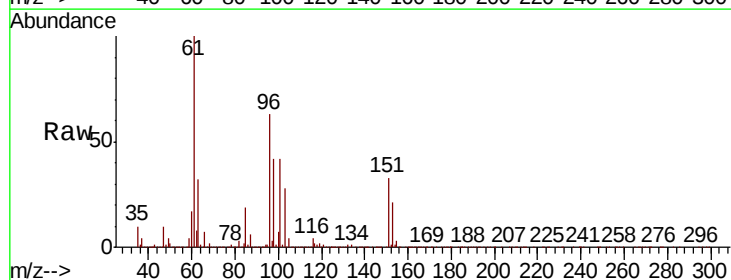
Instrument :
MSVOA_X
ClientSampleId :

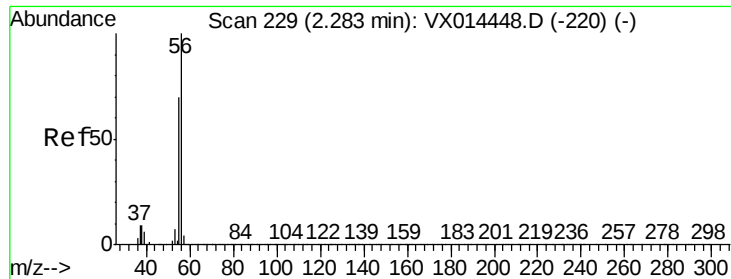
Tot Ion: 59 Resp: 288337
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7



#12
1,1-Dichloroethene
Concen: 48.048 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014451.D
Acq: 07 Jan 2020 16:12

Tgt Ion: 96 Resp: 268874
Ion Ratio Lower Upper
96 100
61 158.3 125.0 187.6
98 66.2 50.2 75.2

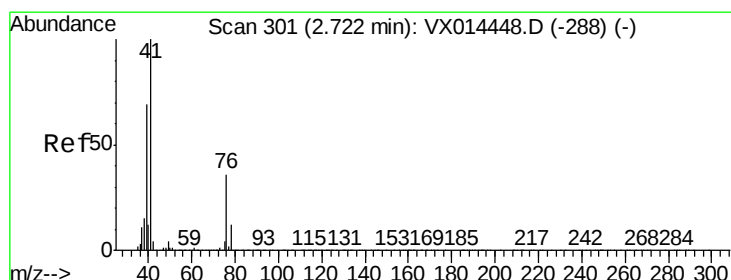
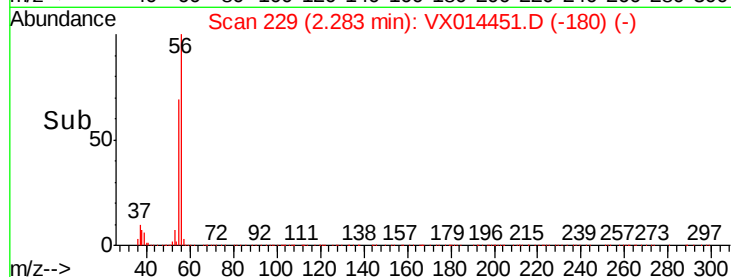
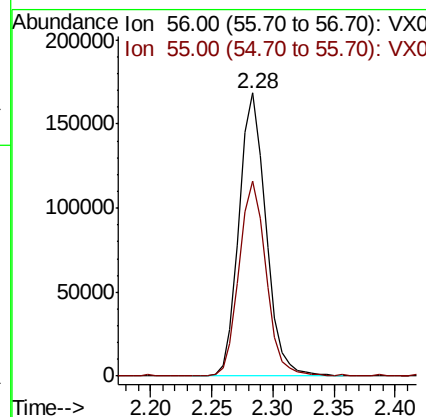
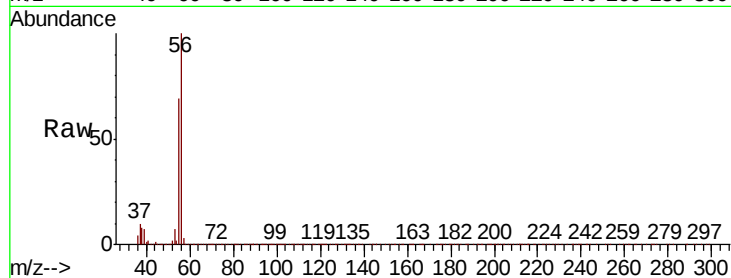




#13
Acrolein
Concen: 241.449 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014451.D
Acq: 07 Jan 2020 16:12

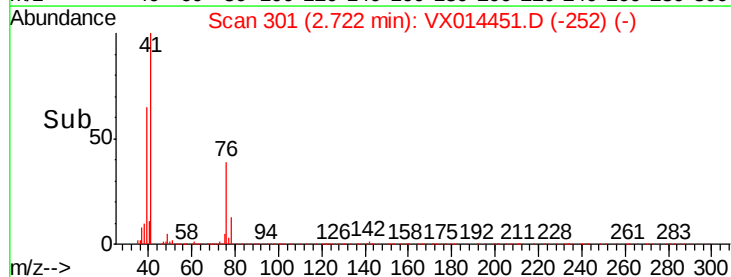
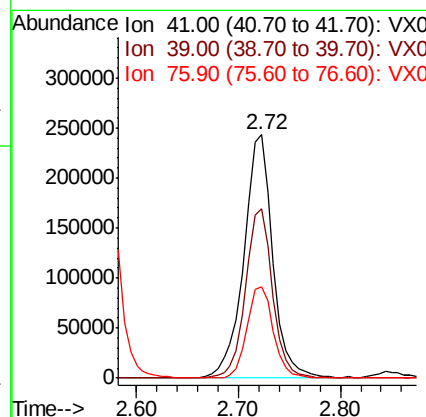
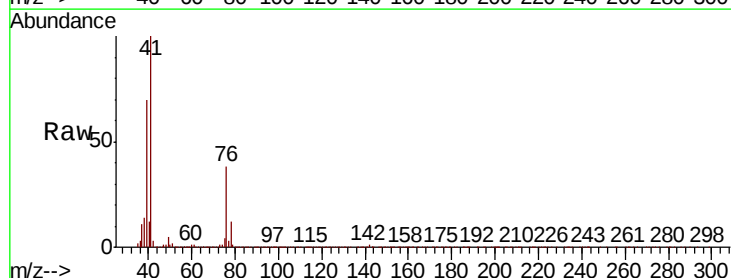
Instrument :
MSVOA_X
ClientSampleId :

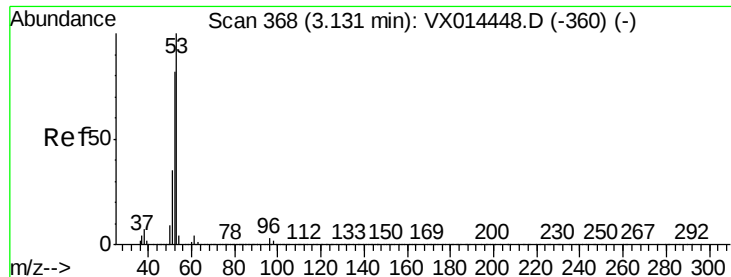
Tot Ion: 56 Resp: 255586
Ion Ratio Lower Upper
56 100
55 68.9 55.0 82.6



#14
Allyl chloride
Concen: 48.502 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX014451.D
Acq: 07 Jan 2020 16:12

Tgt Ion: 41 Resp: 476513
Ion Ratio Lower Upper
41 100
39 65.2 51.7 77.5
76 34.5 26.8 40.2





#15

Acrylonitrile

Concen: 235.783 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014451.D

Acq: 07 Jan 2020 16:12

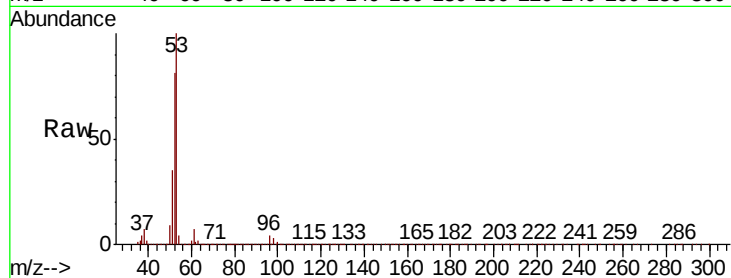
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 53 Resp: 751553

Ion	Ratio	Lower	Upper
53	100		
52	81.9	67.0	100.4
51	35.1	28.5	42.7

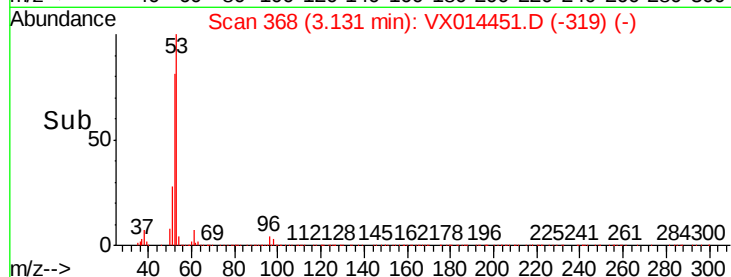


Abundance

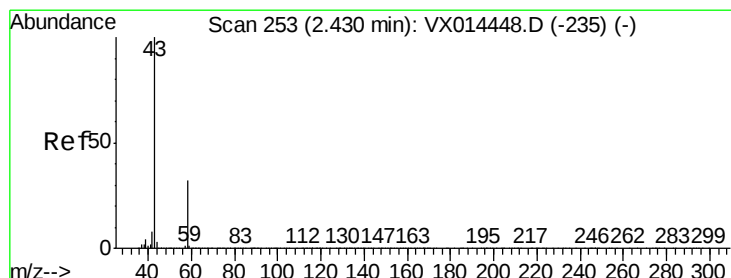
Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



Time-->



#16

Acetone

Concen: 236.069 ug/l

RT: 2.43 min Scan# 253

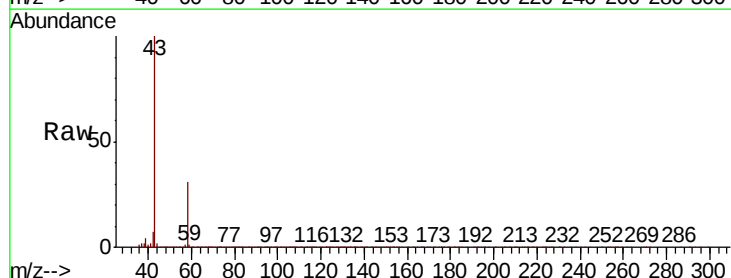
Delta R.T. 0.00 min

Lab File: VX014451.D

Acq: 07 Jan 2020 16:12

Tgt Ion: 43 Resp: 749410

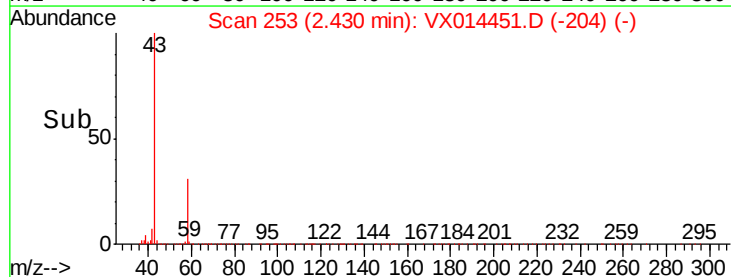
Ion	Ratio	Lower	Upper
43	100		
58	31.0	25.4	38.0



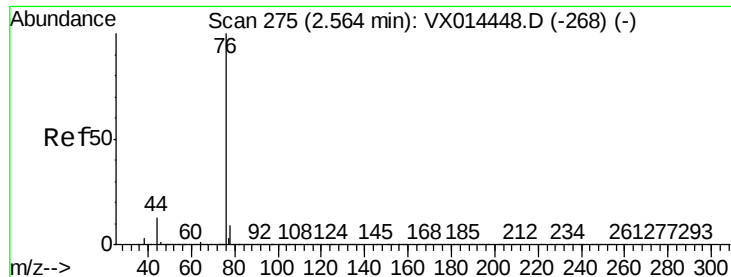
Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#17

Carbon Disulfide

Concen: 49.900 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014451.D

Acq: 07 Jan 2020 16:12

Instrument :

MSVOA_X

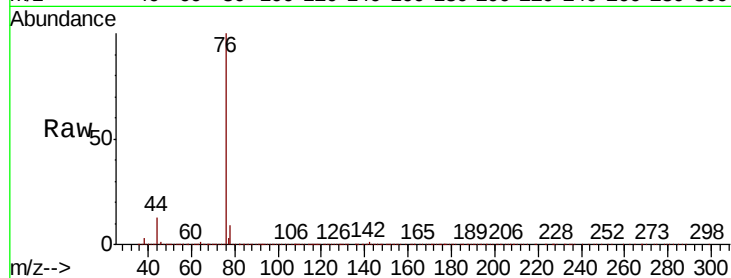
ClientSampleId :

Tot Ion: 76 Resp: 779144

Ion Ratio Lower Upper

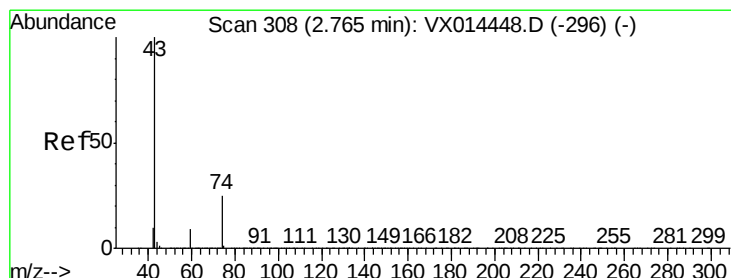
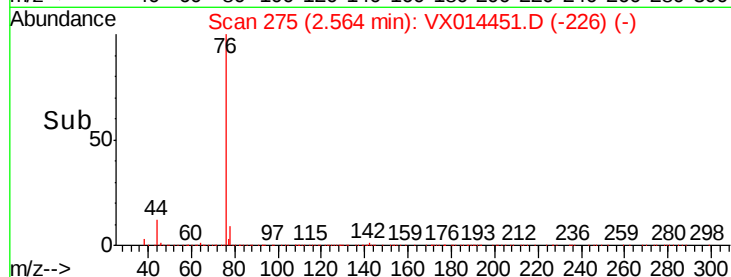
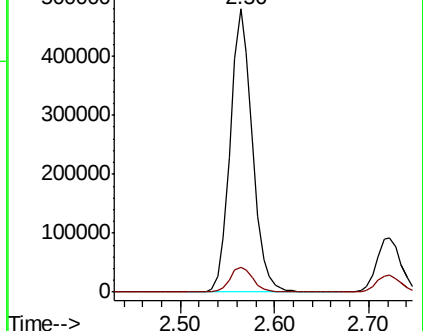
76 100

78 8.9 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 48.659 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014451.D

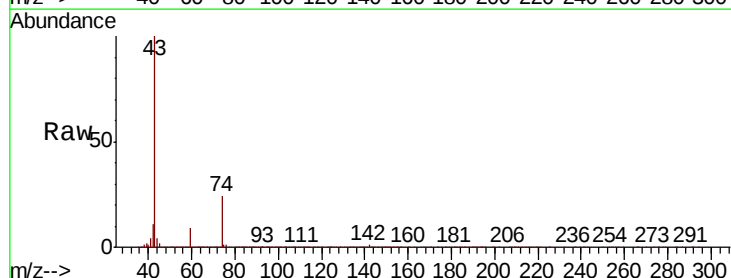
Acq: 07 Jan 2020 16:12

Tgt Ion: 43 Resp: 442348

Ion Ratio Lower Upper

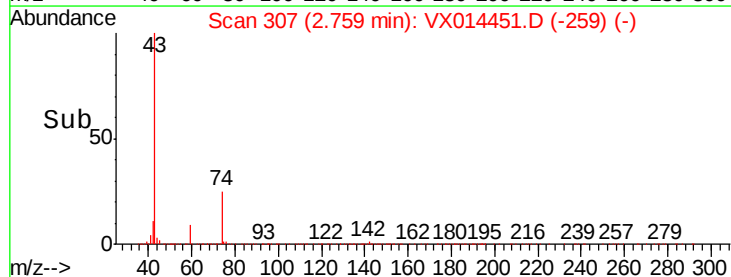
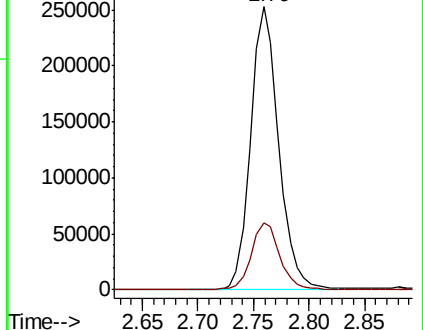
43 100

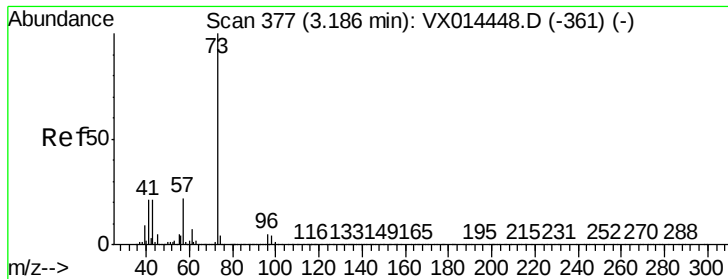
74 24.5 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



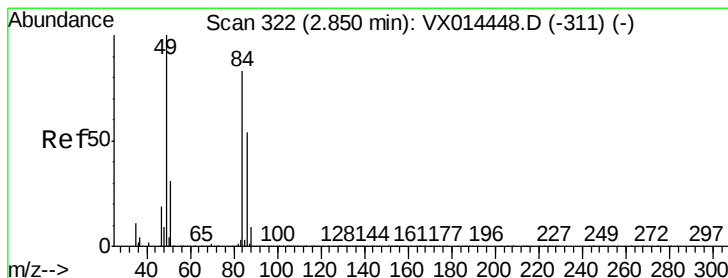
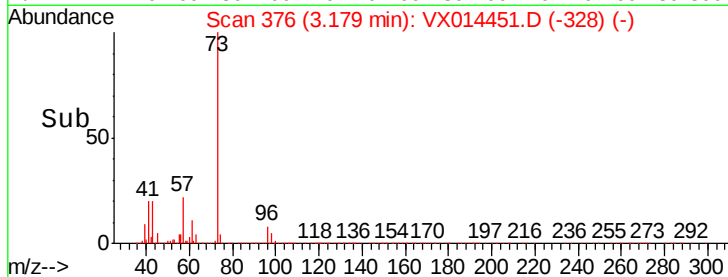
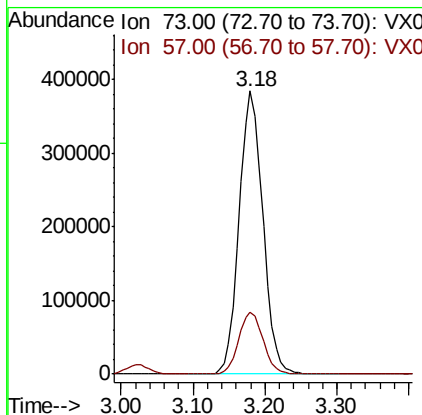
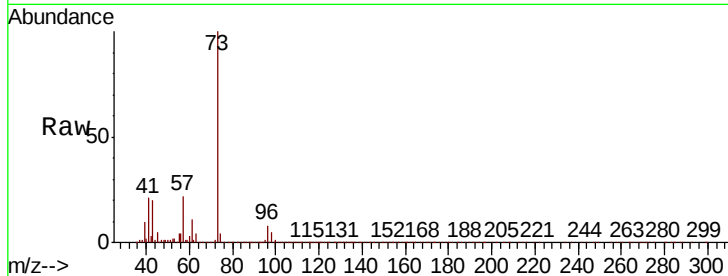


#19

Methyl tert-butyl Ether
 Concen: 48.990 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014451.D
 Acq: 07 Jan 2020 16:12

Instrument :
 MSVOA_X
 ClientSampleId :

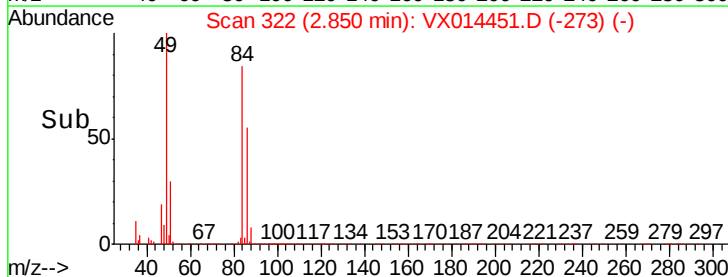
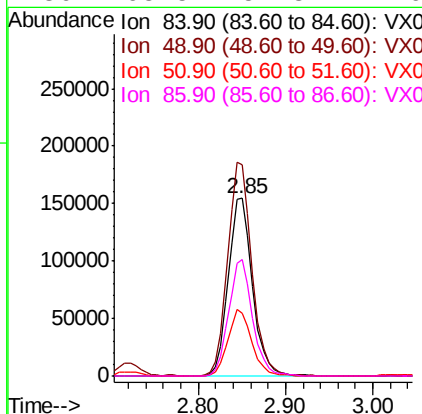
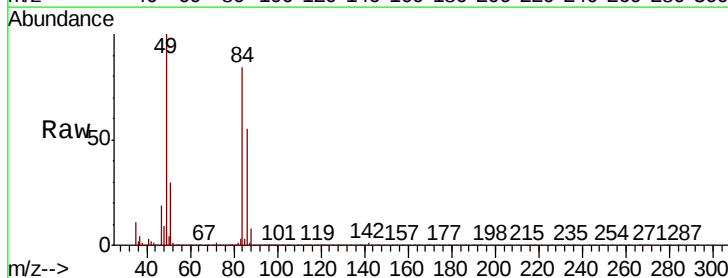
Tot Ion: 73 Resp: 880043
 Ion Ratio Lower Upper
 73 100
 57 22.0 17.8 26.8

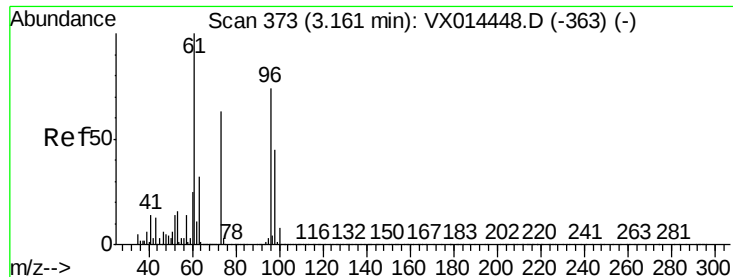


#20

Methylene Chloride
 Concen: 46.669 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: VX014451.D
 Acq: 07 Jan 2020 16:12

Tgt Ion: 84 Resp: 296953
 Ion Ratio Lower Upper
 84 100
 49 118.5 95.8 143.8
 51 35.4 30.2 45.4
 86 65.5 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 47.857 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014451.D

Acq: 07 Jan 2020 16:12

Instrument :

MSVOA_X

ClientSampled :

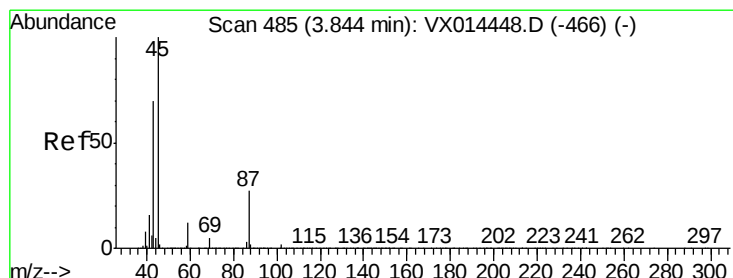
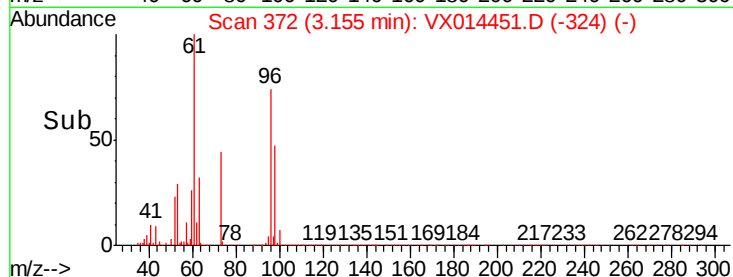
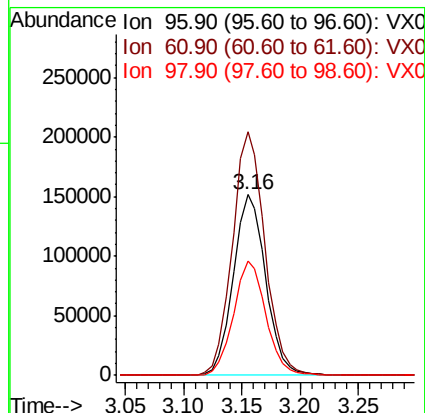
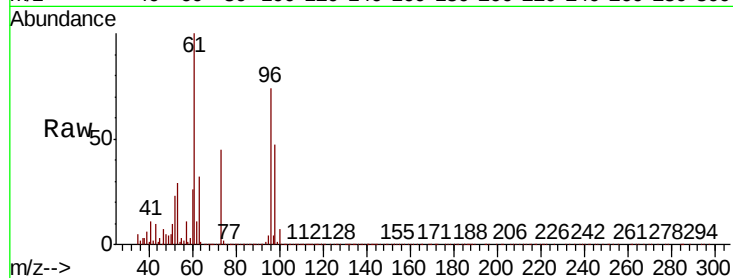
Tot Ion: 96 Resp: 292366

Ion Ratio Lower Upper

96 100

61 134.8 108.2 162.4

98 62.9 48.8 73.2



#22

Diisopropyl ether

Concen: 49.558 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014451.D

Acq: 07 Jan 2020 16:12

Tgt Ion: 45 Resp: 940937

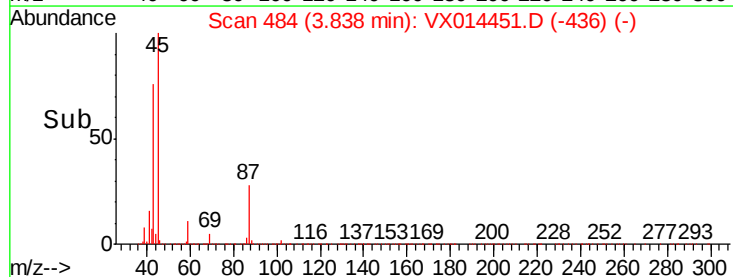
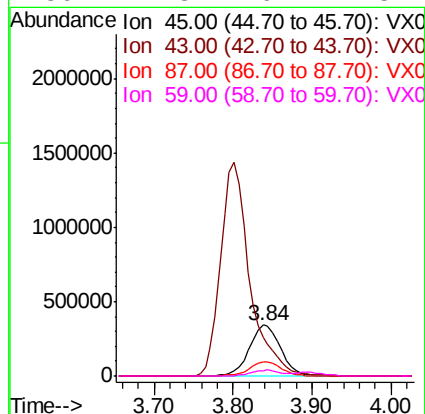
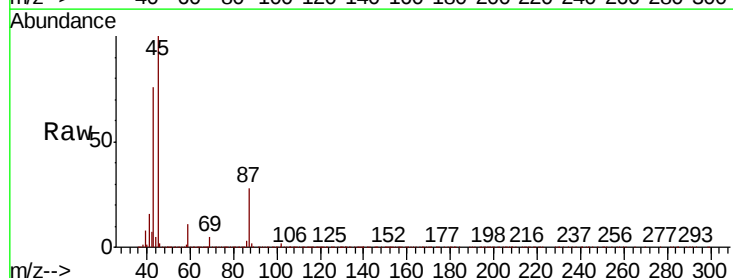
Ion Ratio Lower Upper

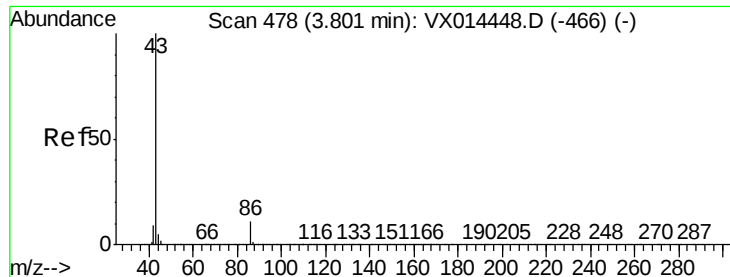
45 100

43 76.3 55.8 83.6

87 28.0 21.8 32.8

59 11.3 9.1 13.7





#23

Vinyl Acetate

Concen: 253.761 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014451.D

Acq: 07 Jan 2020 16:12

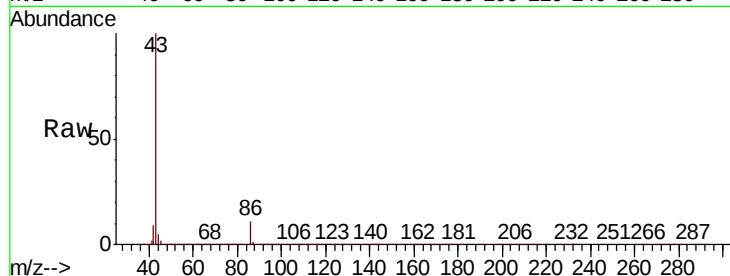
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 3730204

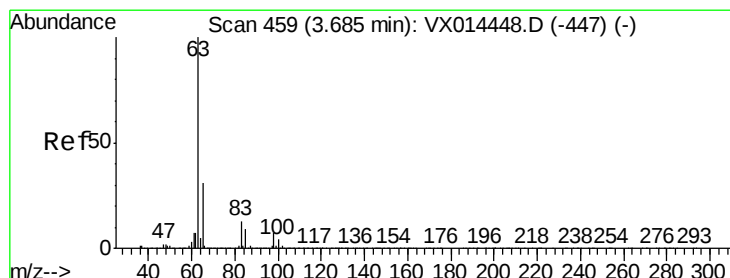
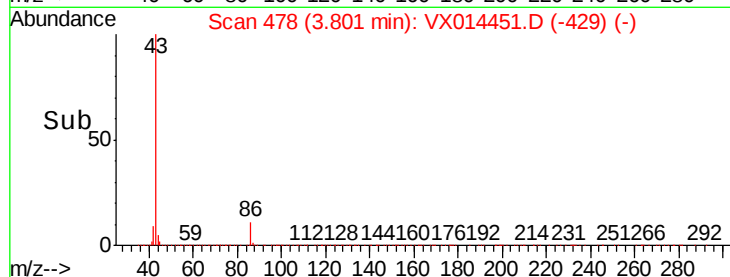
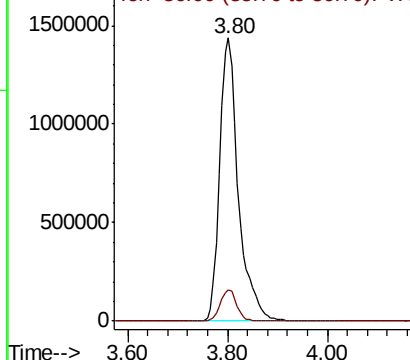
Ion Ratio Lower Upper

43 100

86 11.0 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.162 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014451.D

Acq: 07 Jan 2020 16:12

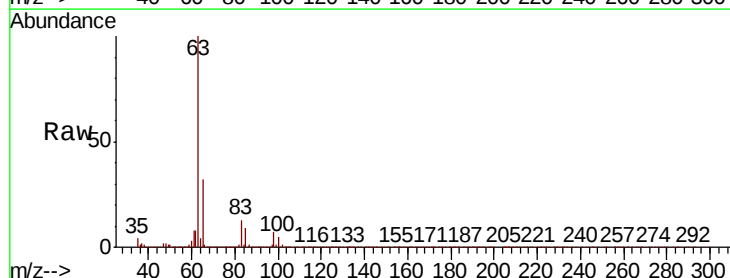
Tgt Ion: 63 Resp: 507768

Ion Ratio Lower Upper

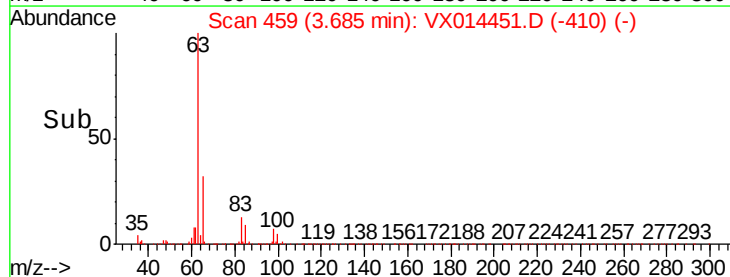
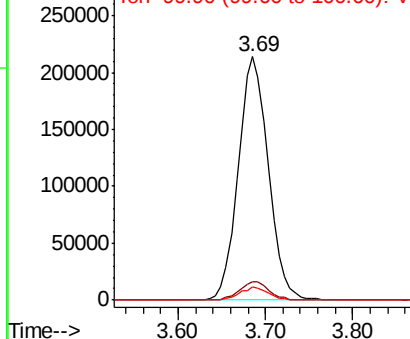
63 100

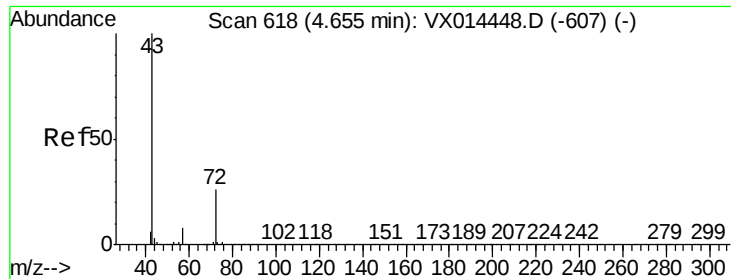
98 7.2 3.6 10.9

100 5.2 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 230.845 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014451.D

Acq: 07 Jan 2020 16:12

Instrument :

MSVOA_X

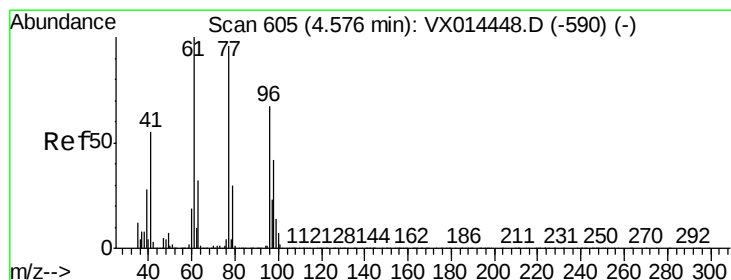
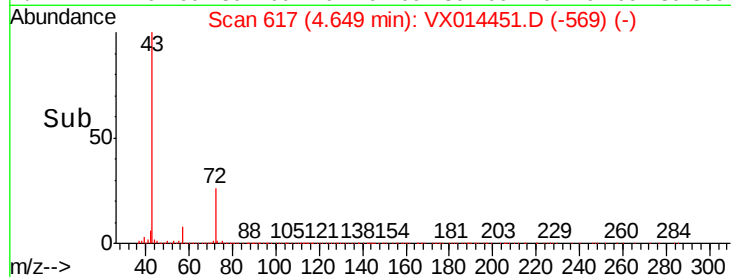
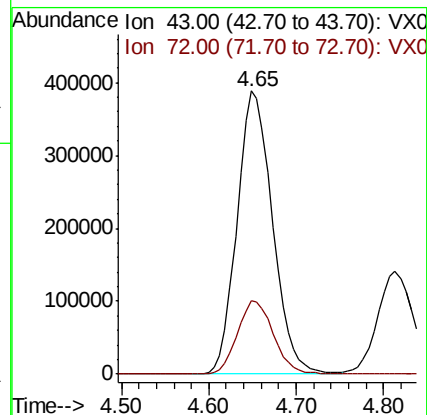
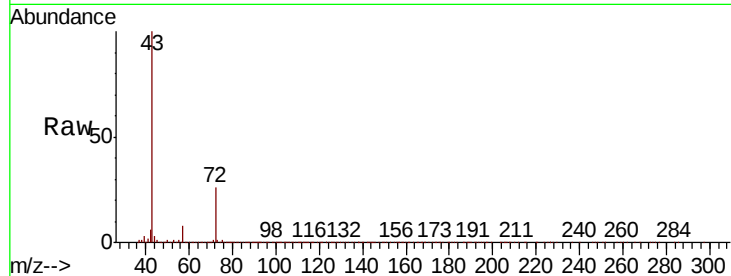
ClientSampleId :

Tot Ion: 43 Resp: 1090673

Ion Ratio Lower Upper

43 100

72 25.9 20.6 31.0



#26

2,2-Dichloropropane

Concen: 50.062 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014451.D

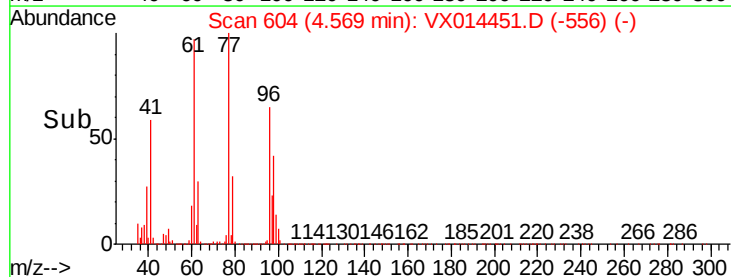
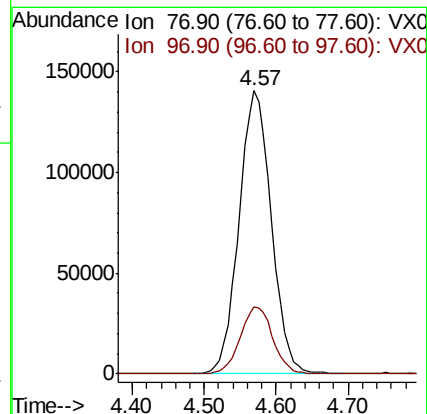
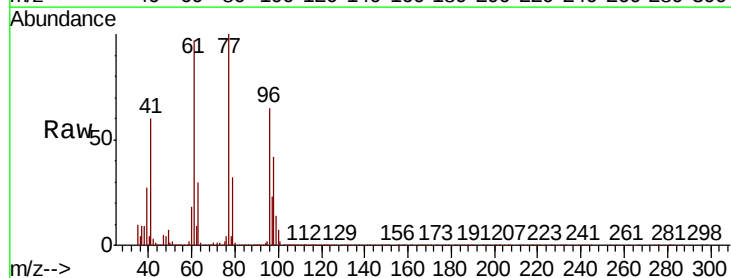
Acq: 07 Jan 2020 16:12

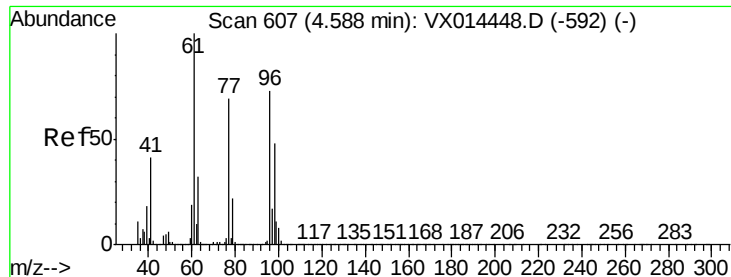
Tgt Ion: 77 Resp: 438012

Ion Ratio Lower Upper

77 100

97 23.5 11.7 35.1



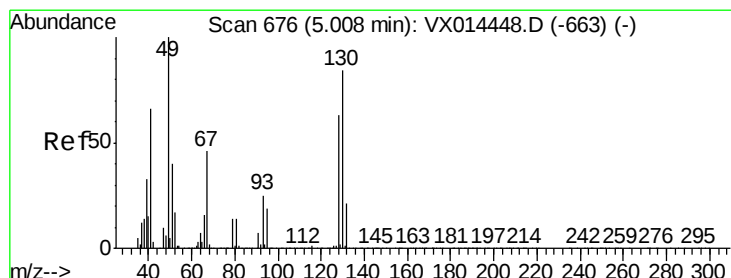
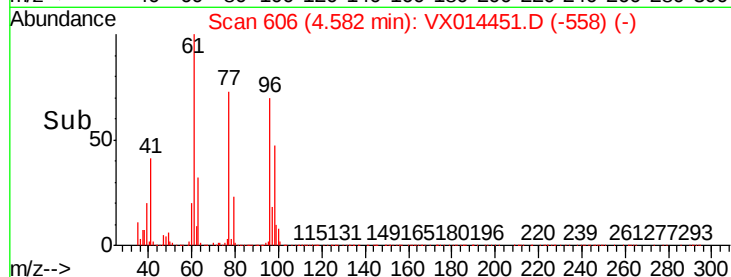
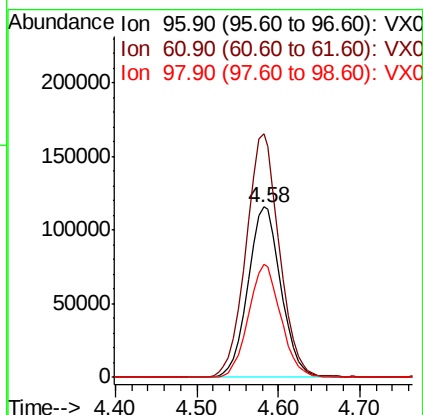
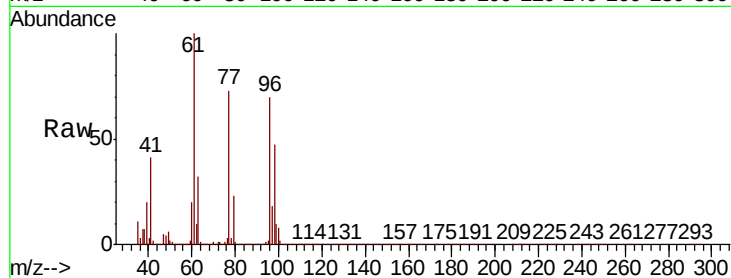


#27

cis-1,2-Dichloroethene
Concen: 47.657 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014451.D
Acq: 07 Jan 2020 16:12

Instrument :
MSVOA_X
ClientSampleId :

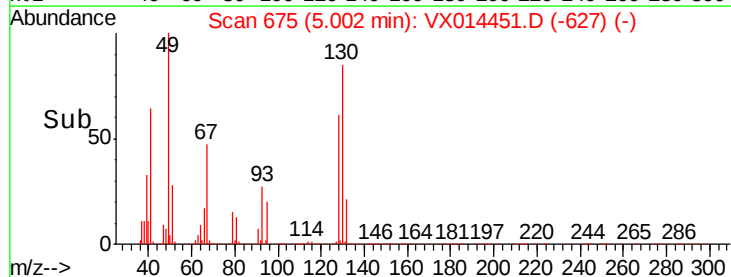
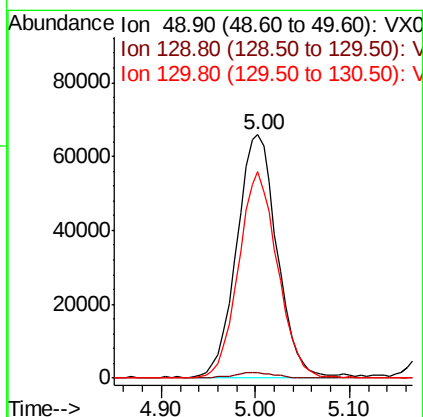
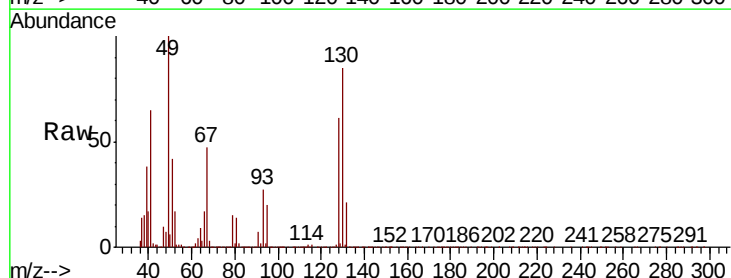
Tot Ion: 96 Resp: 325472
Ion Ratio Lower Upper
96 100
61 144.3 0.0 285.4
98 65.1 0.0 130.6



#28

Bromochloromethane
Concen: 45.061 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014451.D
Acq: 07 Jan 2020 16:12

Tgt Ion: 49 Resp: 196111
Ion Ratio Lower Upper
49 100
129 2.7 0.0 4.4
130 82.9 67.0 100.4





#29

Tetrahydrofuran

Concen: 236.846 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX014451.D

Acq: 07 Jan 2020 16:12

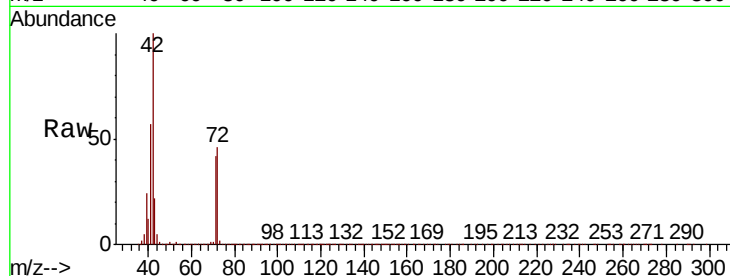
Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 42 Resp: 661610

Ion	Ratio	Lower	Upper
42	100		
72	45.0	36.2	54.4
71	41.7	34.1	51.1

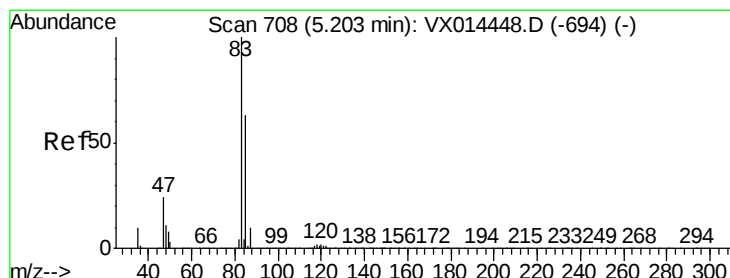
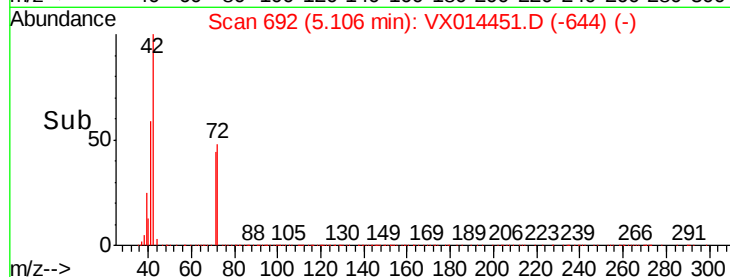


Abundance

Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 49.037 ug/l

RT: 5.20 min Scan# 707

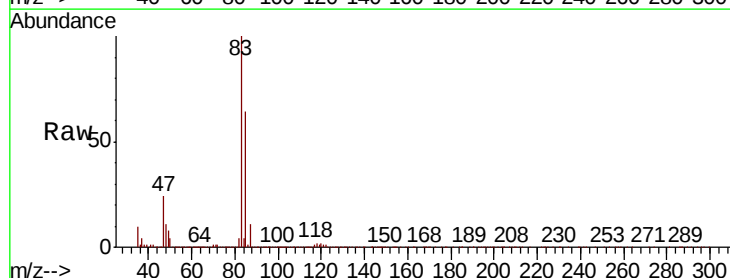
Delta R.T. -0.01 min

Lab File: VX014451.D

Acq: 07 Jan 2020 16:12

Tgt Ion: 83 Resp: 494923

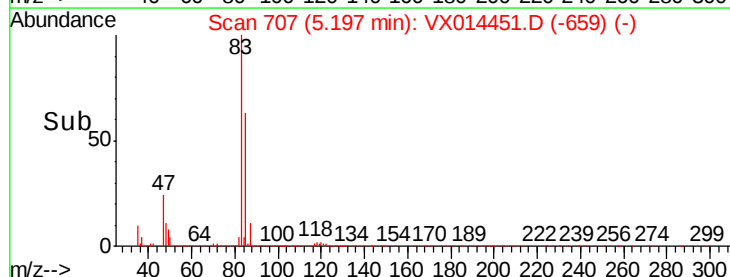
Ion	Ratio	Lower	Upper
83	100		
85	63.7	50.6	75.8



Abundance

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

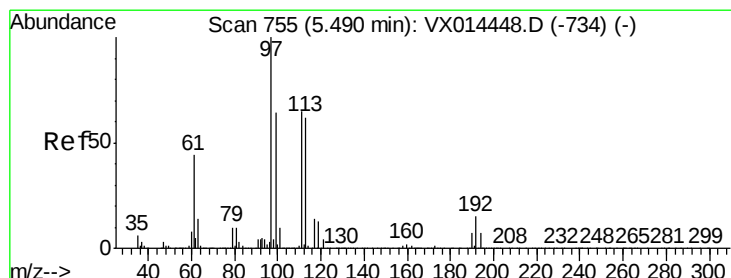
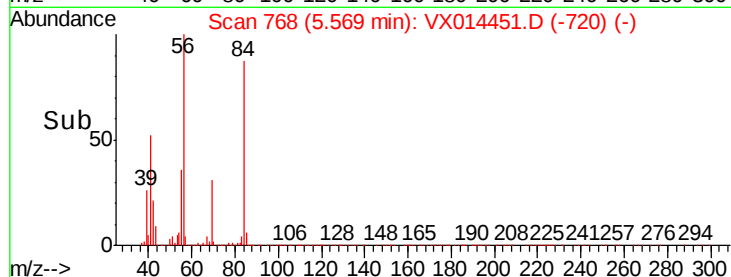
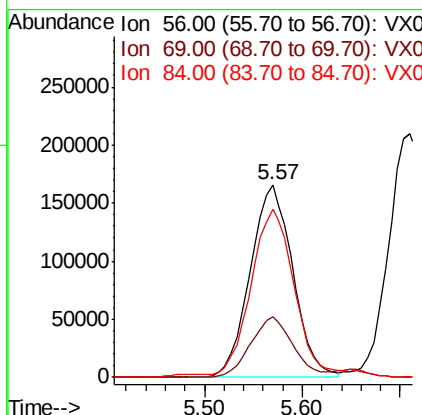
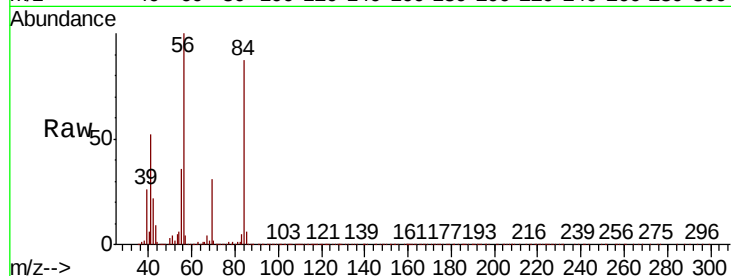




#31
Cyclohexane
Concen: 51.502 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014451.D
Acq: 07 Jan 2020 16:12

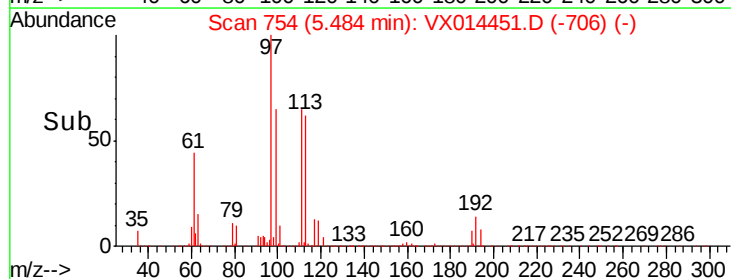
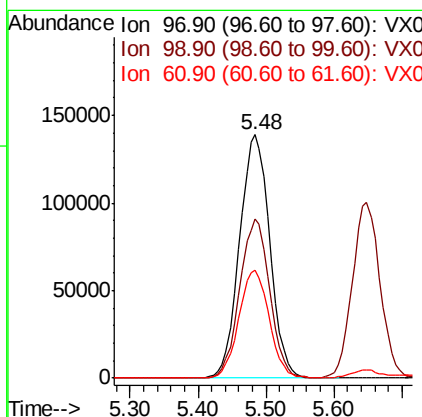
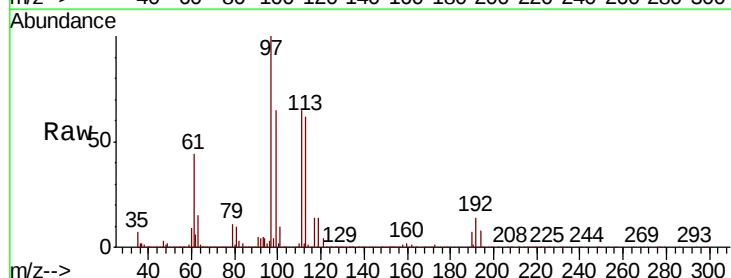
Instrument :
MSVOA_X
ClientSampled :

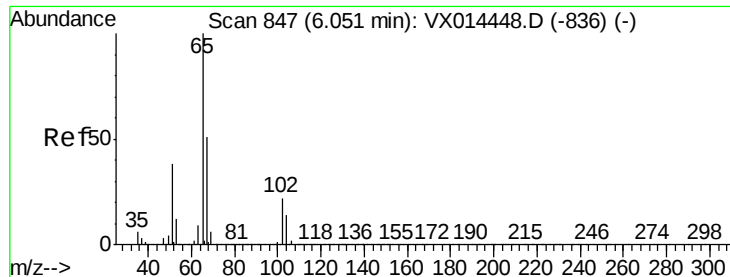
Tot Ion: 56 Resp: 497908
Ion Ratio Lower Upper
56 100
69 31.2 24.4 36.6
84 86.1 70.6 106.0



#32
1,1,1-Trichloroethane
Concen: 49.587 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014451.D
Acq: 07 Jan 2020 16:12

Tgt Ion: 97 Resp: 428389
Ion Ratio Lower Upper
97 100
99 64.7 51.8 77.6
61 44.4 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 46.978 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014451.D

Acq: 07 Jan 2020 16:12

Instrument :

MSVOA_X

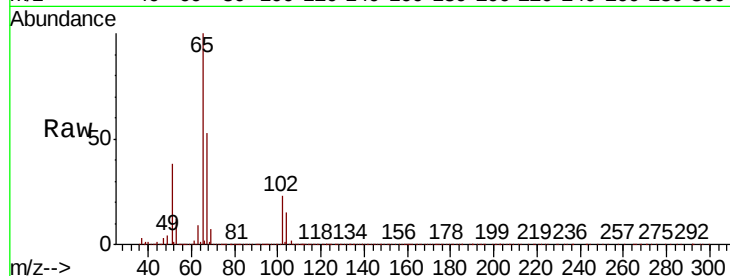
ClientSampled :

Tot Ion: 65 Resp: 297141

Ion Ratio Lower Upper

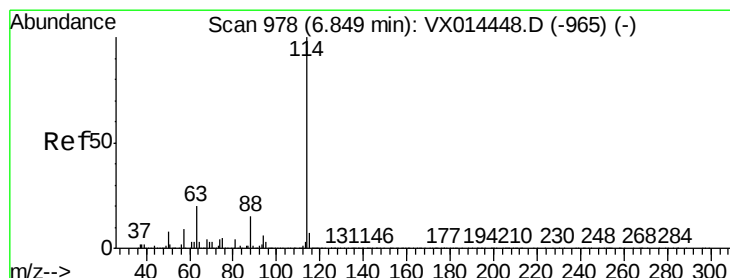
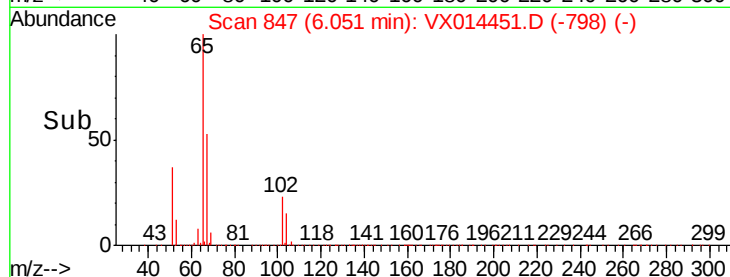
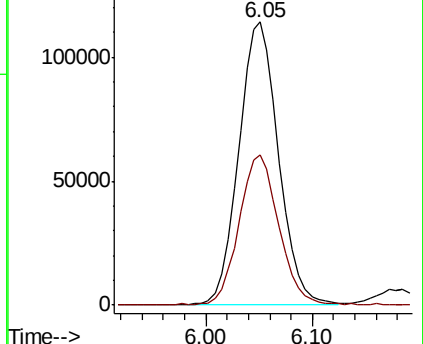
65 100

67 53.3 0.0 106.2



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: VX014451.D

Acq: 07 Jan 2020 16:12

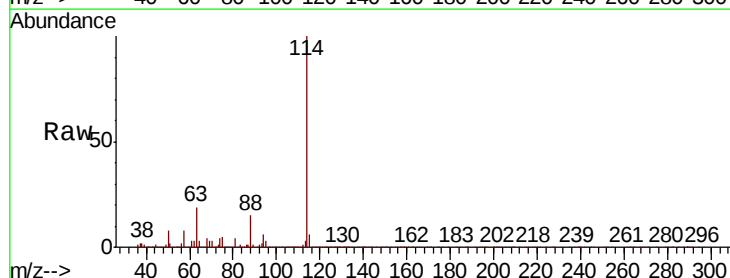
Tgt Ion: 114 Resp: 833879

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.6

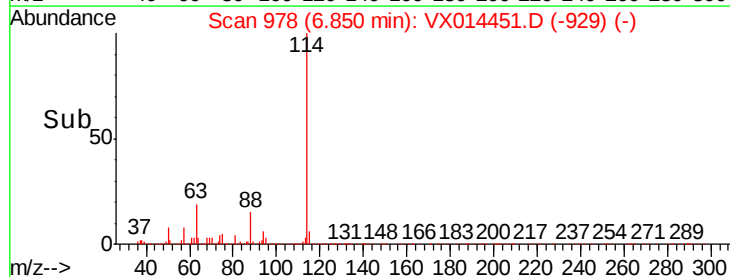
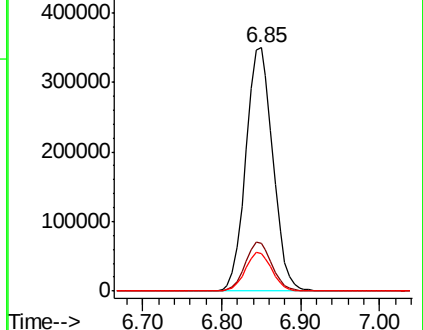
88 15.5 0.0 30.8

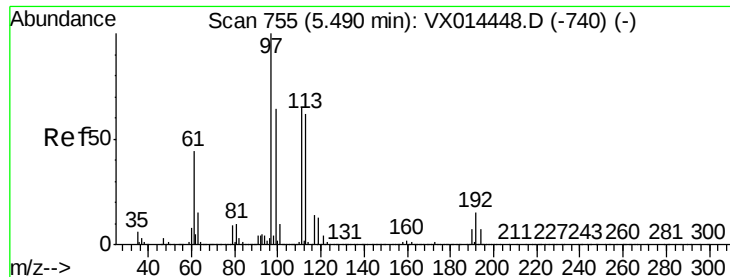


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.099 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014451.D

Acq: 07 Jan 2020 16:12

Instrument :
MSVOA_X
ClientSampled :

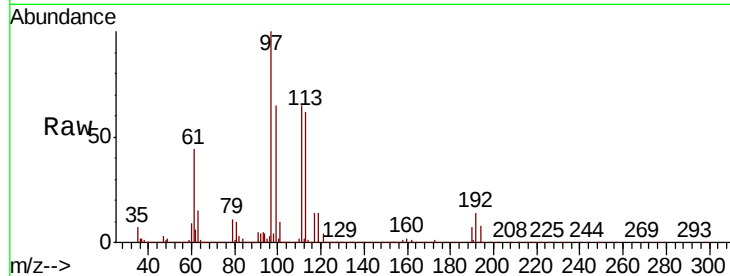
Tot Ion: 113 Resp: 247845

Ion Ratio Lower Upper

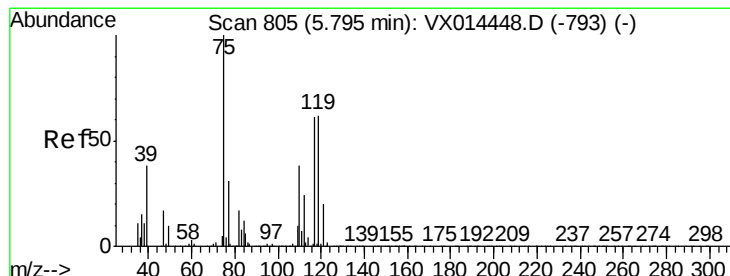
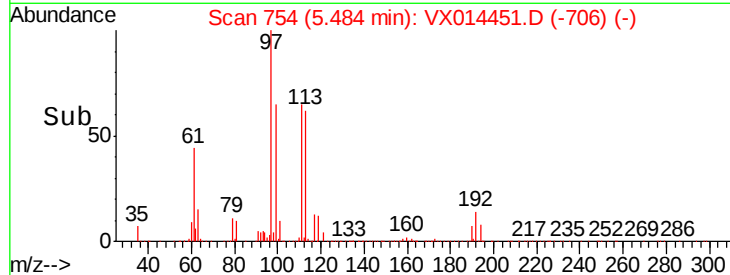
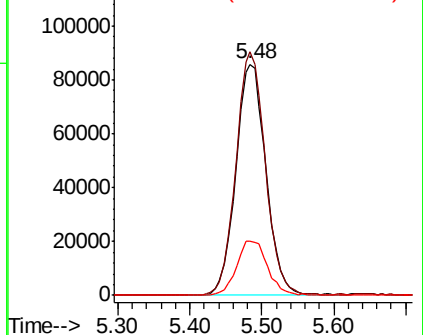
113 100

111 103.4 81.5 122.3

192 24.2 19.2 28.8



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.306 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX014451.D

Acq: 07 Jan 2020 16:12

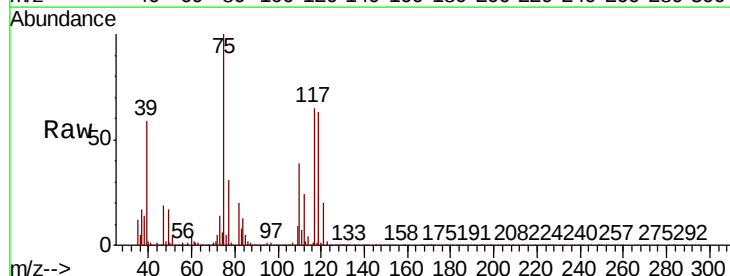
Tgt Ion: 75 Resp: 394489

Ion Ratio Lower Upper

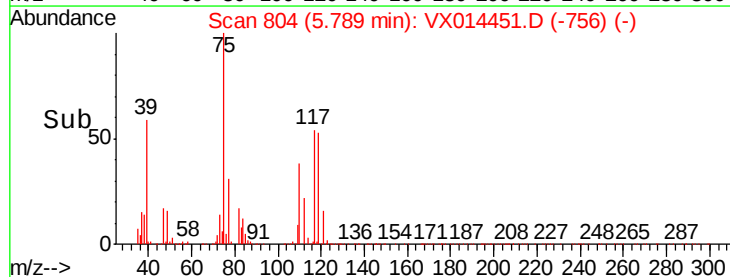
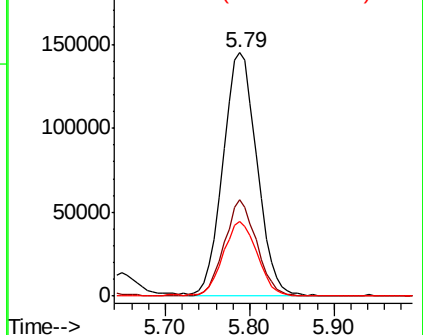
75 100

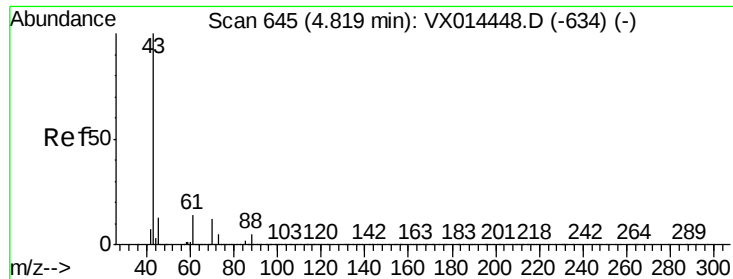
110 37.6 18.6 55.8

77 30.8 24.5 36.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0

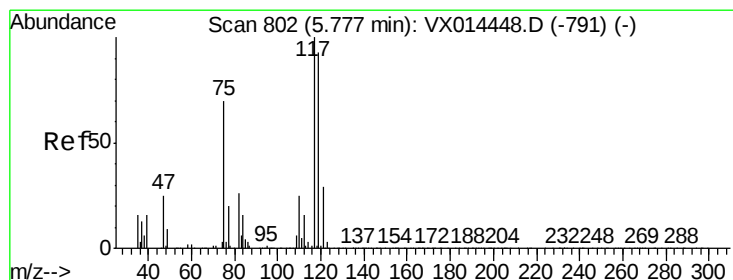
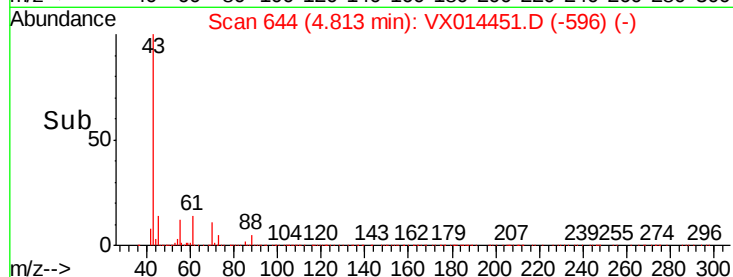
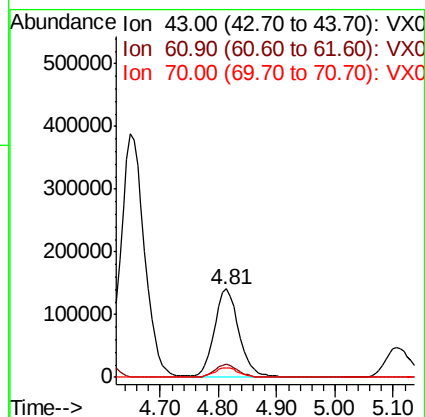
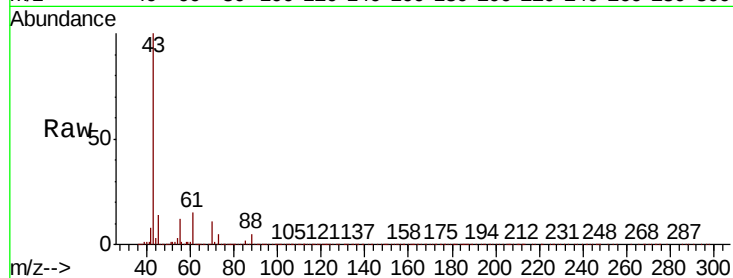




#37
Ethyl Acetate
Concen: 48.227 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014451.D
Acq: 07 Jan 2020 16:12

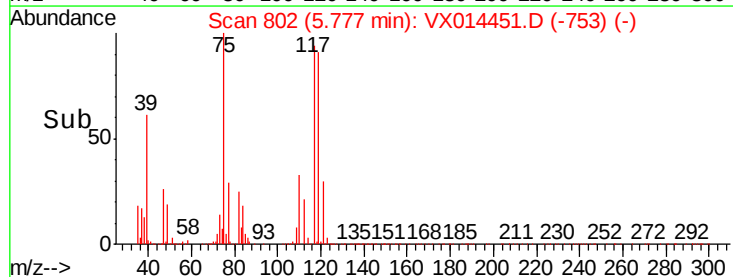
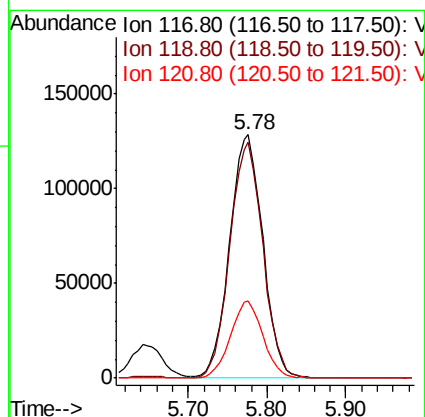
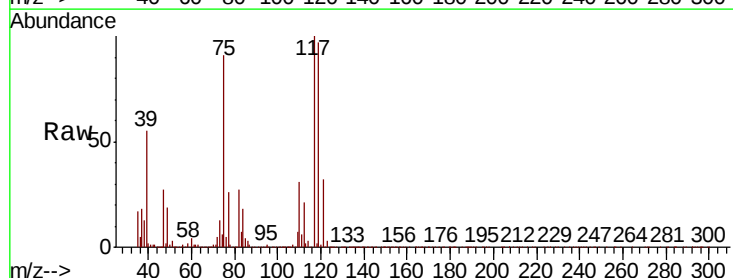
Instrument :
MSVOA_X
ClientSampleId :

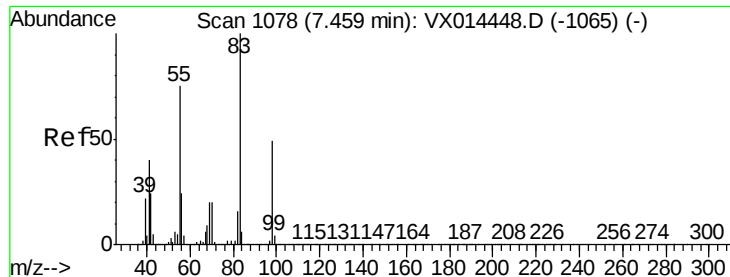
Tot Ion: 43 Resp: 410790
Ion Ratio Lower Upper
43 100
61 13.8 11.1 16.7
70 10.7 8.9 13.3



#38
Carbon Tetrachloride
Concen: 51.926 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014451.D
Acq: 07 Jan 2020 16:12

Tgt Ion: 117 Resp: 374717
Ion Ratio Lower Upper
117 100
119 96.7 73.8 110.8
121 31.6 23.4 35.0

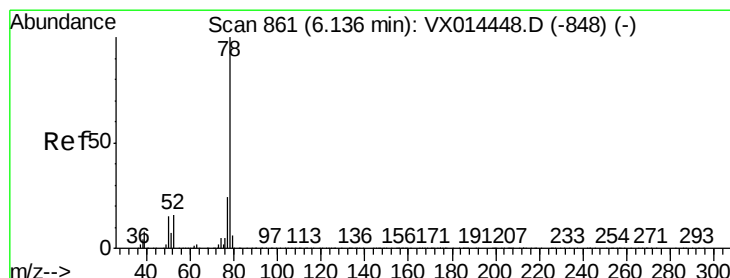
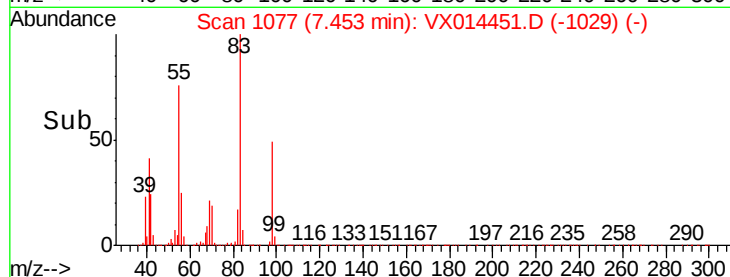
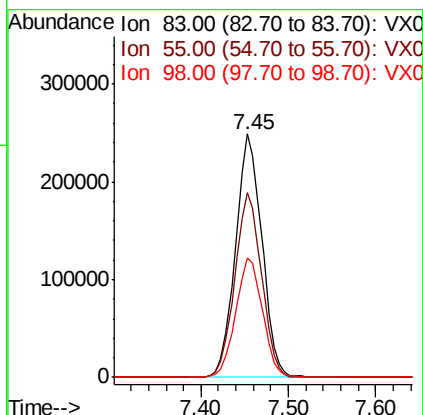
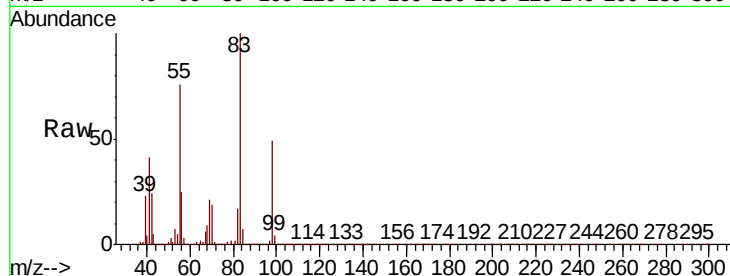




#39
Methvlcvclohexane
Concen: 53.157 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014451.D
Acq: 07 Jan 2020 16:12

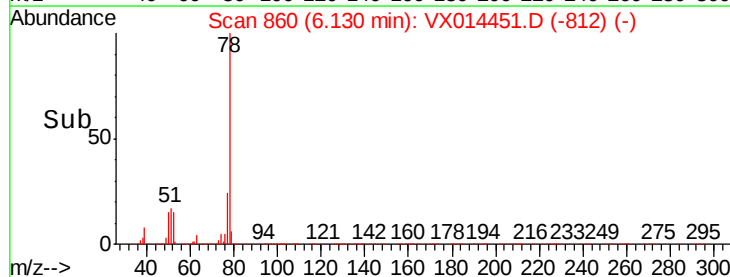
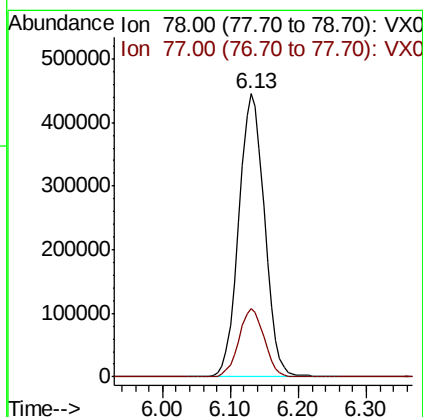
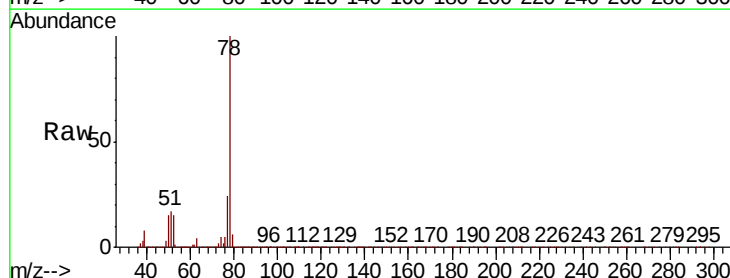
Instrument :
MSVOA_X
ClientSampleId :

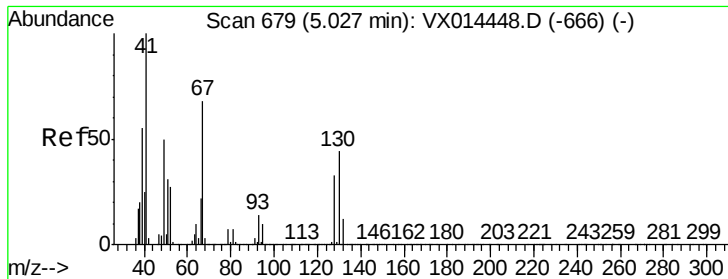
Tot Ion	Ratio	Lower	Upper
83	100		
55	75.8	59.7	89.5
98	49.1	39.1	58.7



#40
Benzene
Concen: 50.272 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014451.D
Acq: 07 Jan 2020 16:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.5	29.3

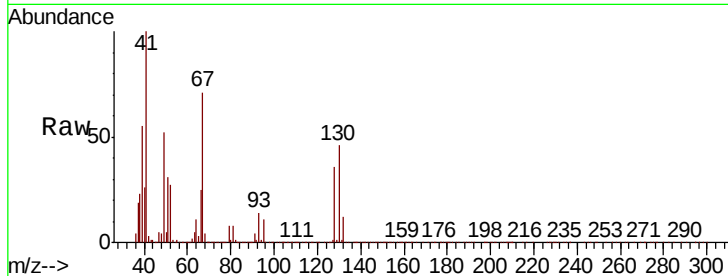




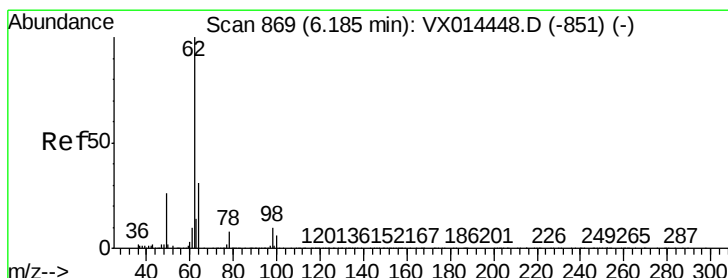
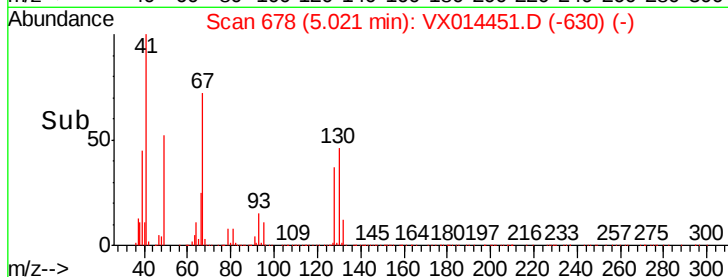
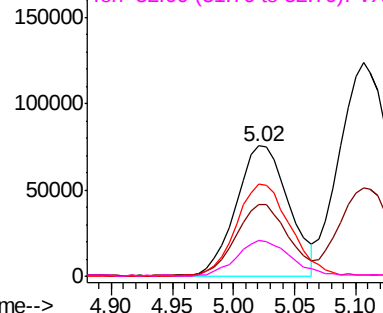
#41
Methacrylonitrile
Concen: 49.796 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014451.D
Acq: 07 Jan 2020 16:12

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	226190
Ion	Ratio	Lower	Upper
41	100		
39	54.5	43.6	65.4
67	73.1	57.9	86.9
52	28.8	23.0	34.6

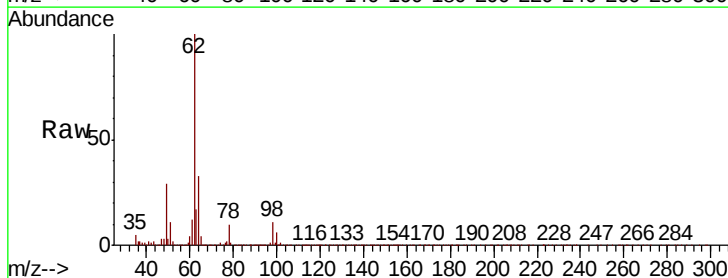


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

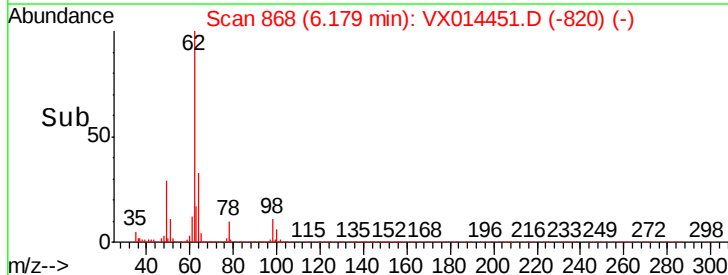
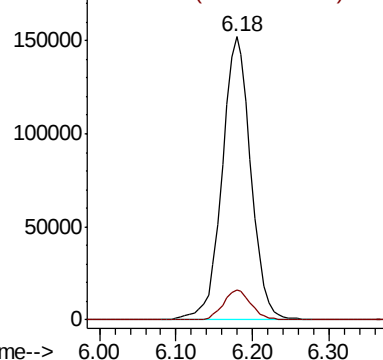


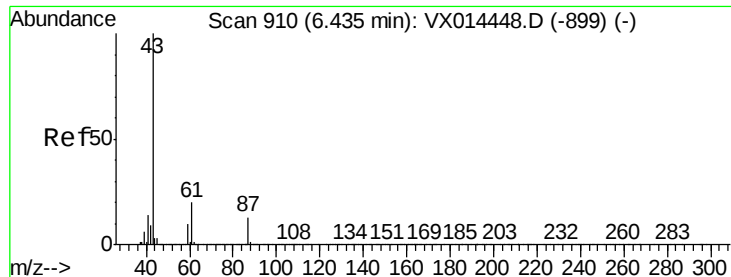
#42
1,2-Dichloroethane
Concen: 48.726 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014451.D
Acq: 07 Jan 2020 16:12

Tgt Ion:	62	Resp:	396517
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



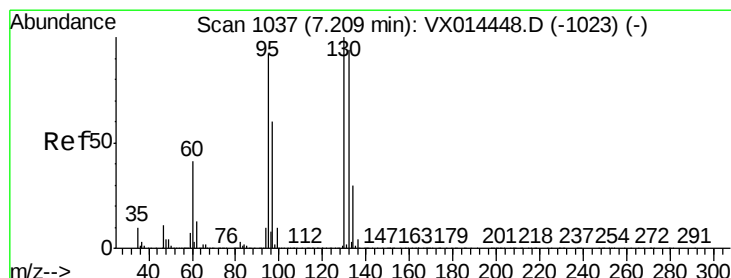
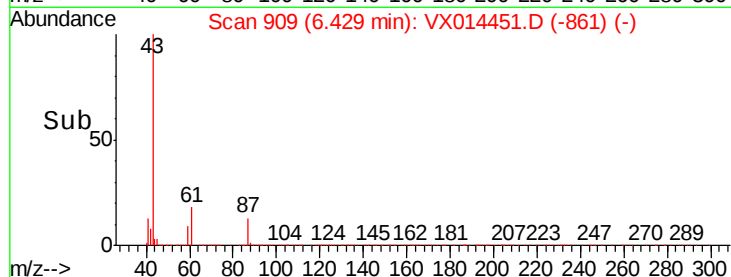
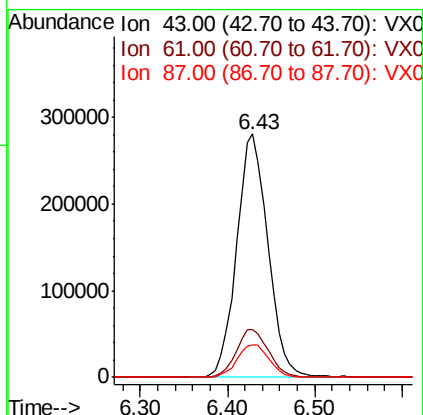
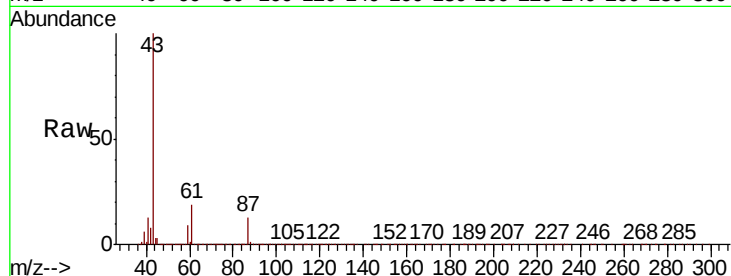


#43

Isopropyl Acetate
 Concen: 50.367 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014451.D
 Acq: 07 Jan 2020 16:12

Instrument :
 MSVOA_X
 ClientSampleId :

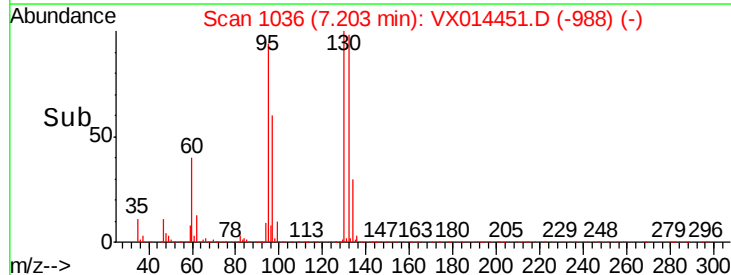
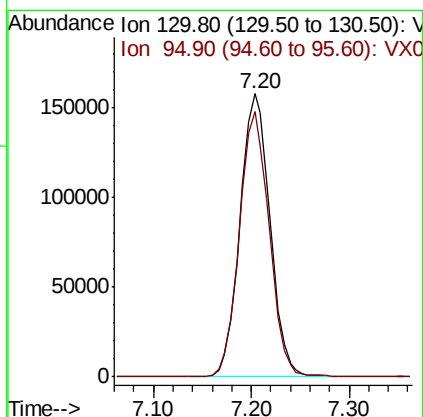
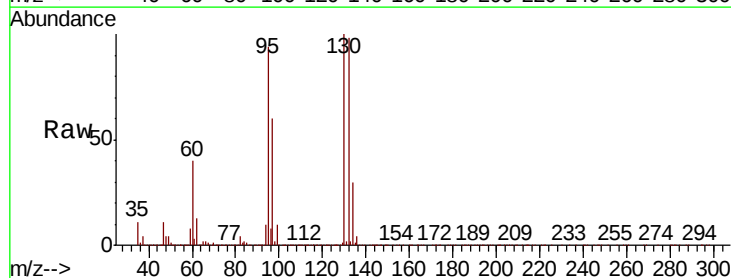
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.6	24.8
87	13.6	10.8	16.2

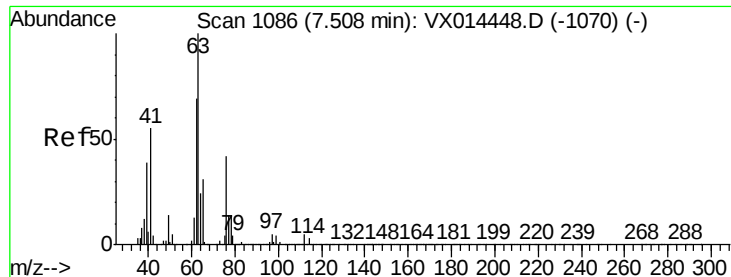


#44

Trichloroethene
 Concen: 50.078 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014451.D
 Acq: 07 Jan 2020 16:12

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.7	0.0	184.2





#45

1,2-Dichloropropane

Concen: 50.906 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014451.D

Acq: 07 Jan 2020 16:12

Instrument :

MSVOA_X

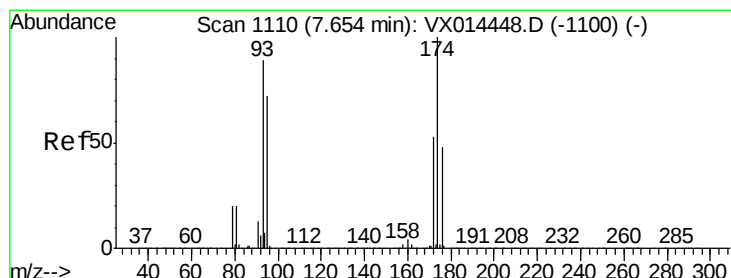
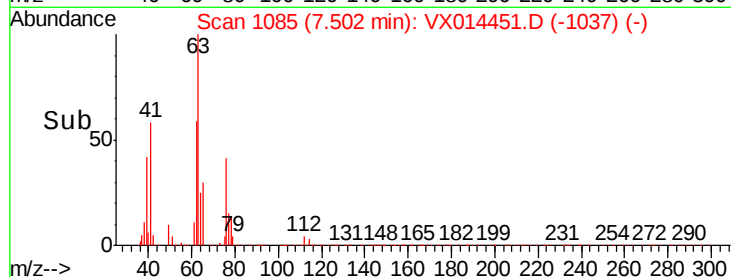
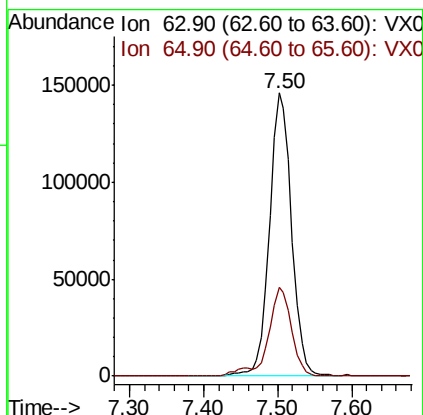
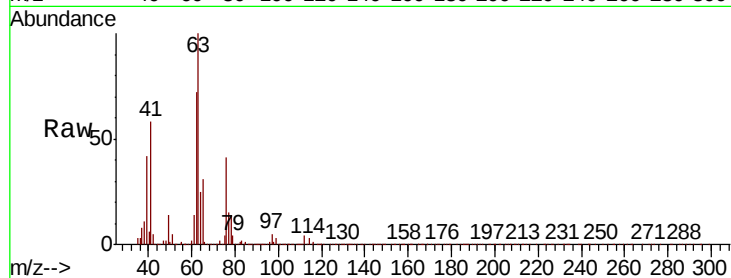
ClientSampleId :

Tot Ion: 63 Resp: 302070

Ion Ratio Lower Upper

63 100

65 31.2 24.8 37.2



#46

Dibromomethane

Concen: 47.603 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014451.D

Acq: 07 Jan 2020 16:12

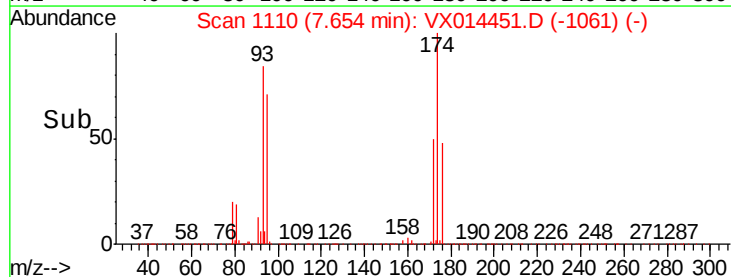
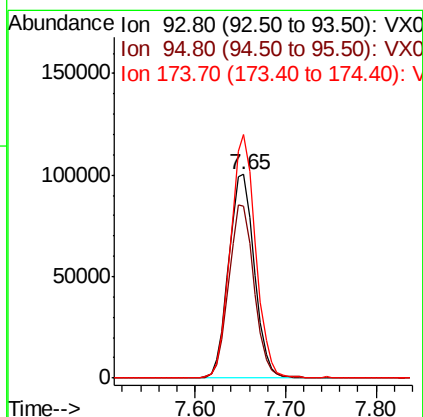
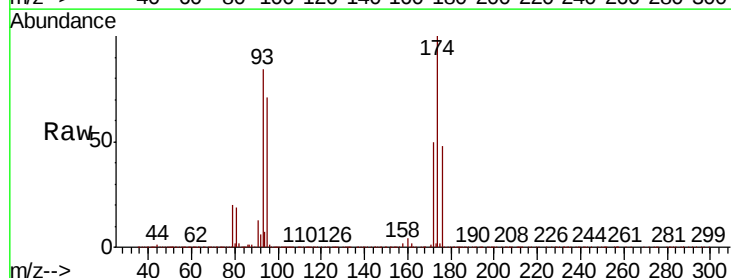
Tgt Ion: 93 Resp: 197153

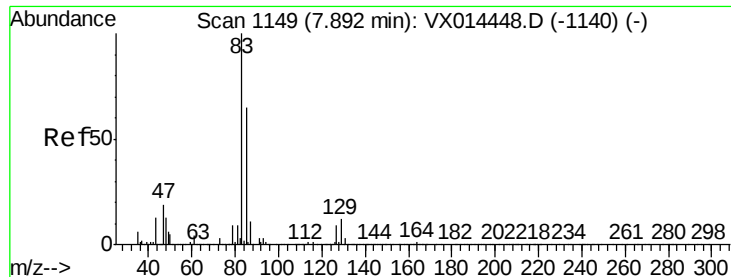
Ion Ratio Lower Upper

93 100

95 83.7 65.4 98.2

174 117.2 93.0 139.4





#47

Bromodichloromethane

Concen: 51.956 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014451.D

Acq: 07 Jan 2020 16:12

Instrument :

MSVOA_X

ClientSampleId :

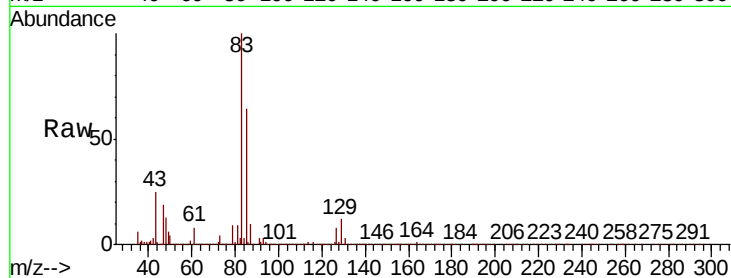
Tot Ion: 83 Resp: 391542

Ion Ratio Lower Upper

83 100

85 64.4 51.7 77.5

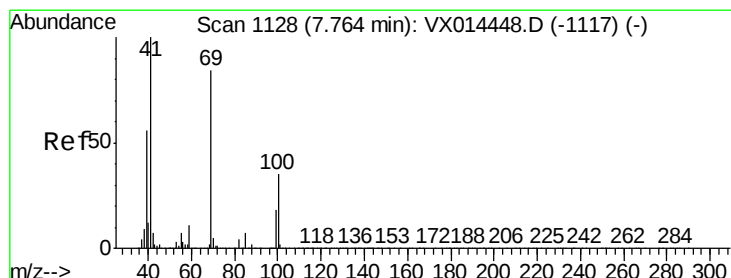
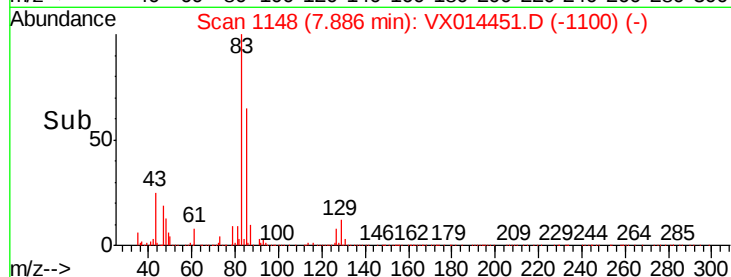
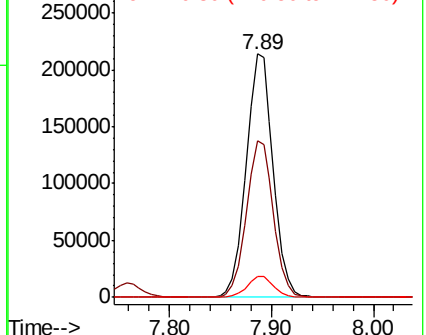
127 8.3 7.1 10.7



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: 51.591 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014451.D

Acq: 07 Jan 2020 16:12

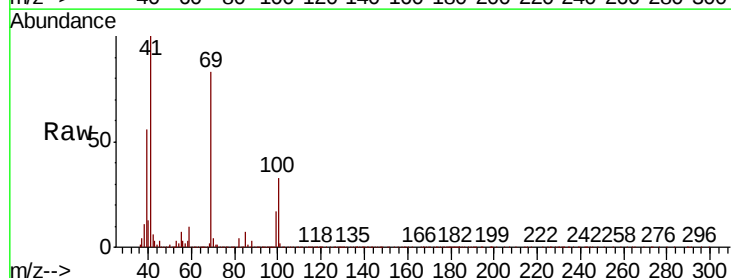
Tgt Ion: 41 Resp: 340002

Ion Ratio Lower Upper

41 100

69 82.4 65.5 98.3

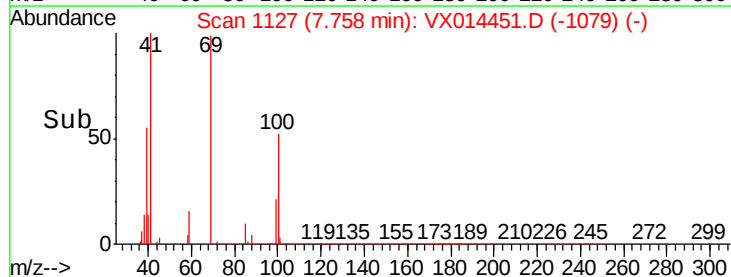
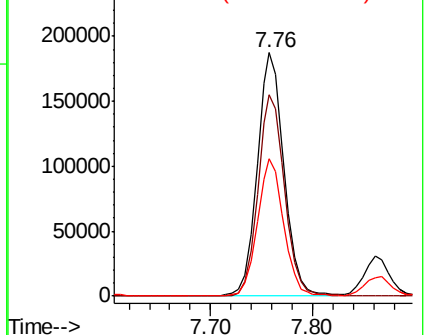
39 55.3 43.9 65.9

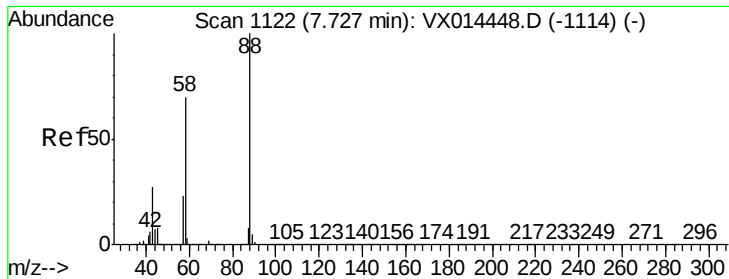


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

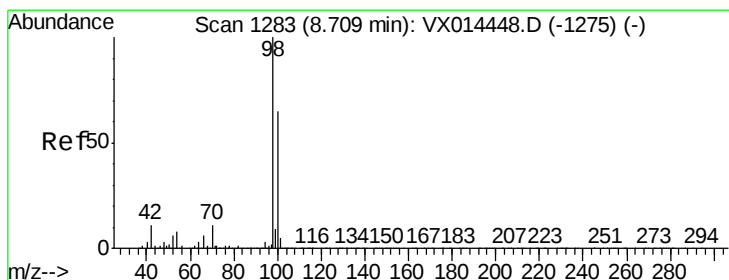
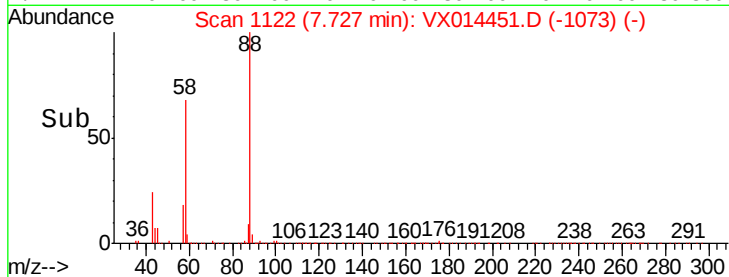
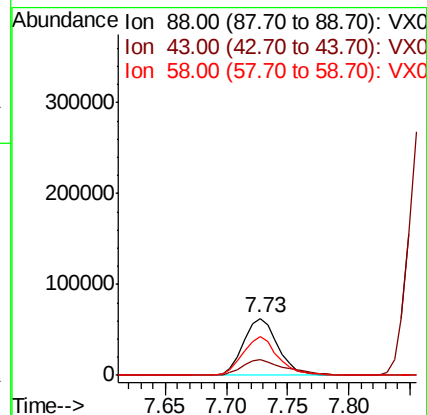
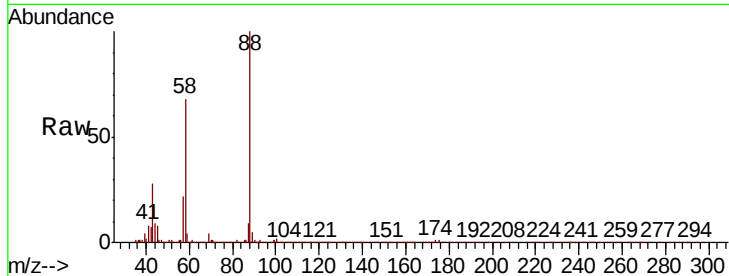




#49
1,4-Dioxane
Concen: 865.597 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VX014451.D
Acq: 07 Jan 2020 16:12

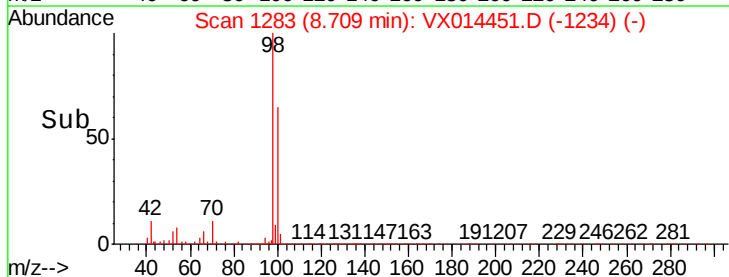
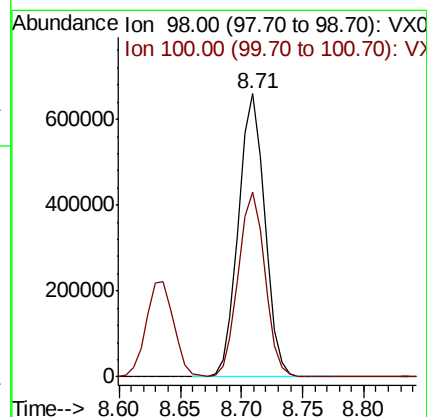
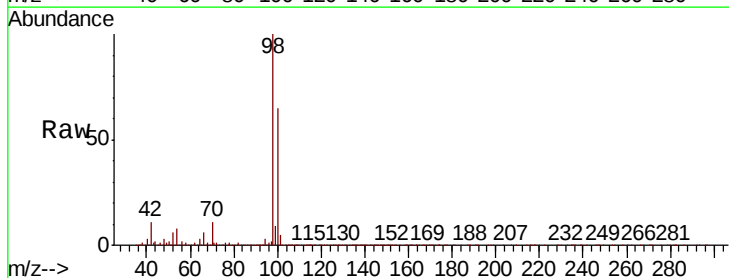
Instrument :
MSVOA_X
ClientSampleId :

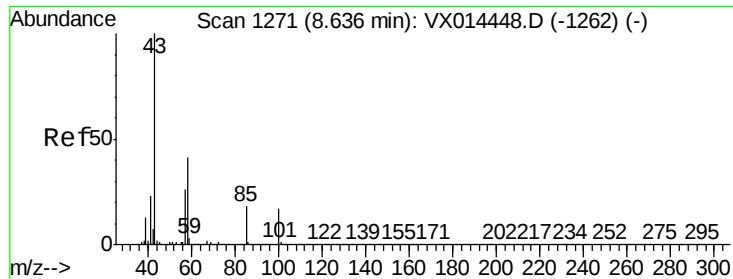
Tot Ion: 88 Resp: 120874
Ion Ratio Lower Upper
88 100
43 33.1 27.4 41.0
58 69.9 57.1 85.7



#50
Toluene-d8
Concen: 50.098 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014451.D
Acq: 07 Jan 2020 16:12

Tgt Ion: 98 Resp: 981374
Ion Ratio Lower Upper
98 100
100 66.0 53.2 79.8

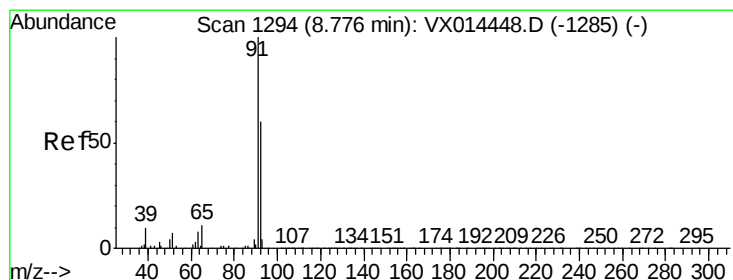
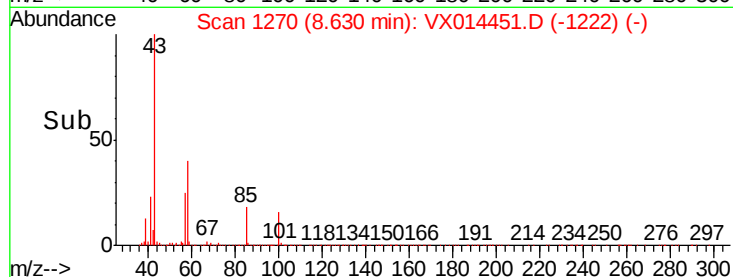
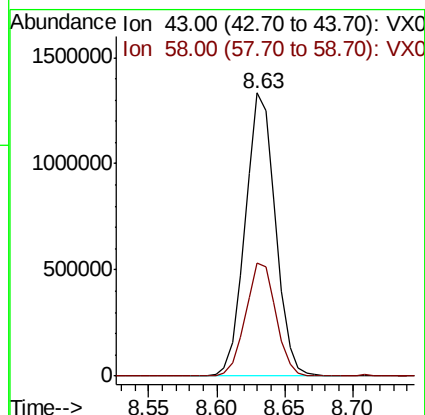
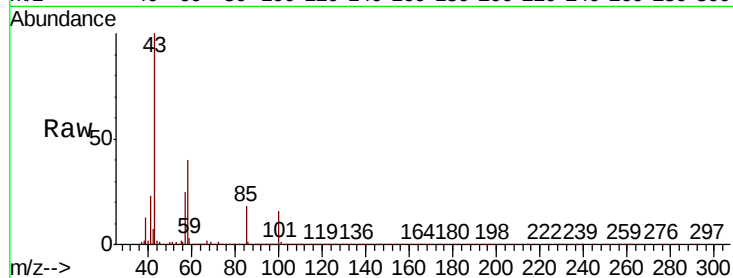




#51
4-Methyl-2-Pentanone
Concen: 246.724 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014451.D
Acq: 07 Jan 2020 16:12

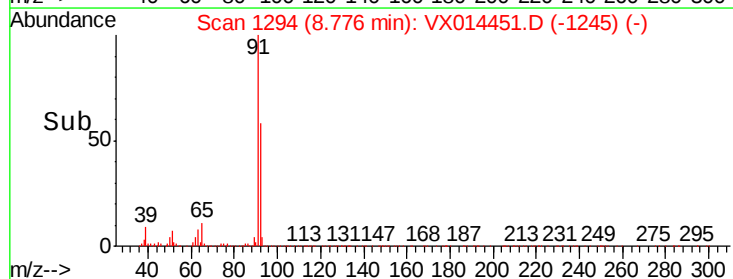
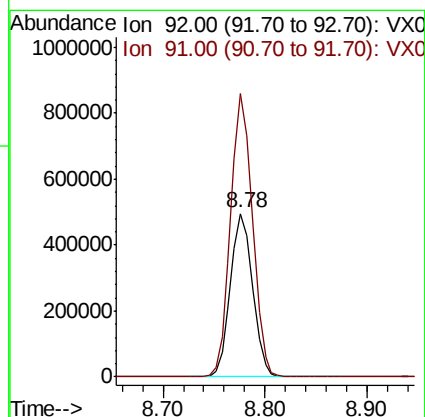
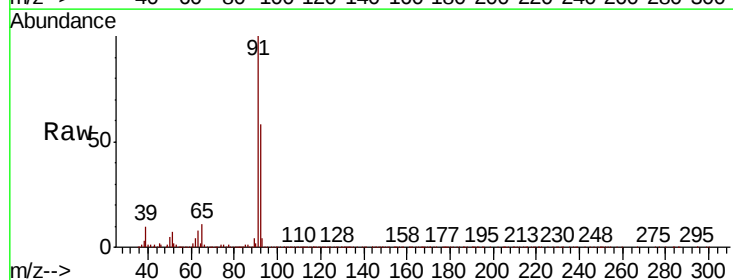
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 2068774
Ion Ratio Lower Upper
43 100
58 40.2 32.4 48.6



#52
Toluene
Concen: 50.070 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX014451.D
Acq: 07 Jan 2020 16:12

Tgt Ion: 92 Resp: 745986
Ion Ratio Lower Upper
92 100
91 171.2 135.7 203.5

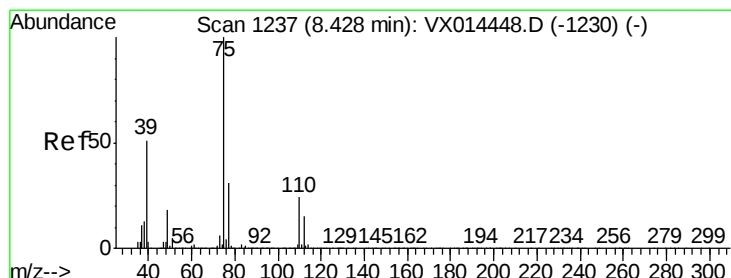
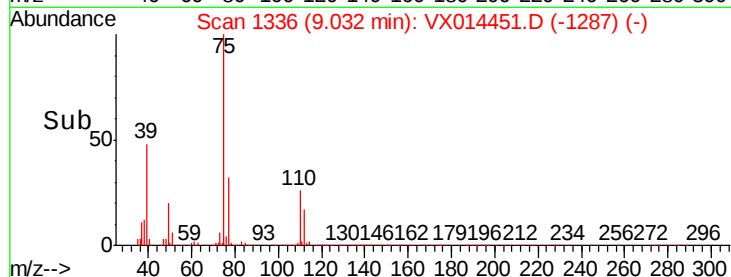
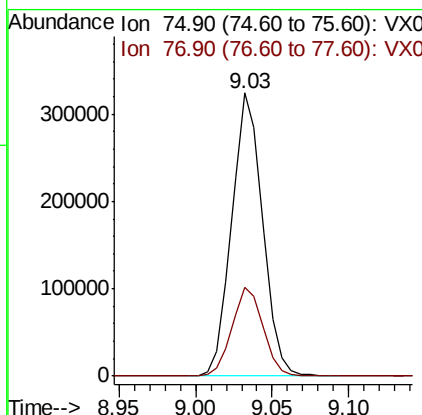
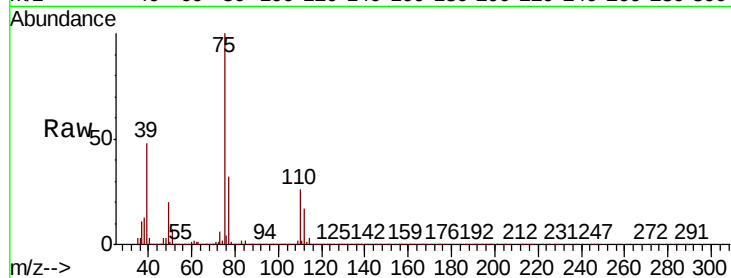




#53
 t-1,3-Dichloropropene
 Concen: 51.643 ug/l
 RT: 9.03 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VX014451.D
 Acq: 07 Jan 2020 16:12

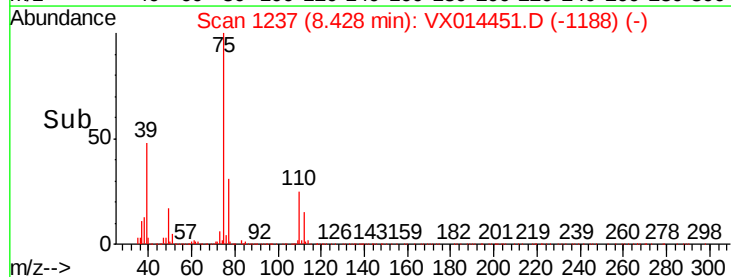
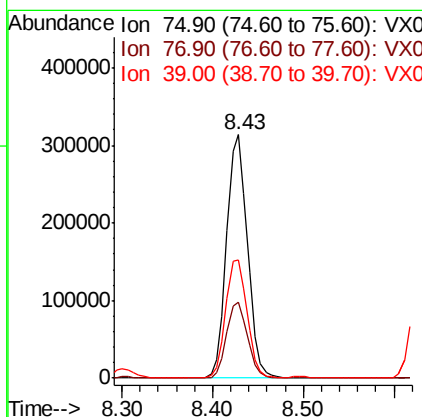
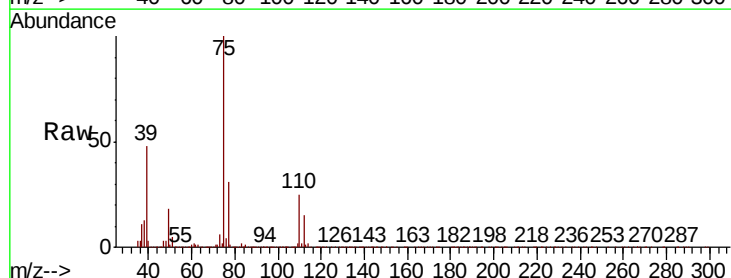
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 453098
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 52.794 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX014451.D
 Acq: 07 Jan 2020 16:12

Tgt Ion: 75 Resp: 500363
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.0 37.4
 39 48.3 40.7 61.1





#55

1,1,2-Trichloroethane

Concen: 49.460 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014451.D

Acq: 07 Jan 2020 16:12

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 295984

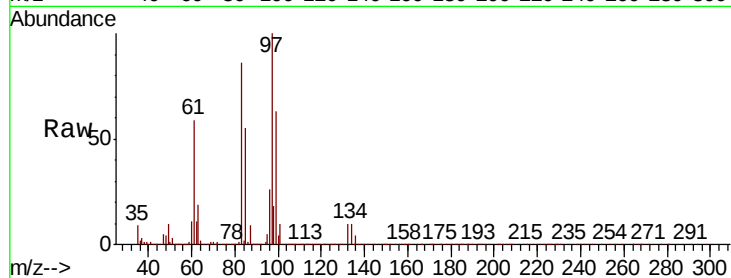
Ion Ratio Lower Upper

97 100

83 86.0 66.4 99.6

85 54.5 43.4 65.2

99 62.7 49.6 74.4

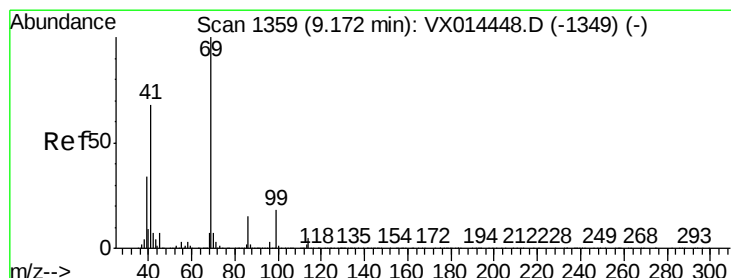
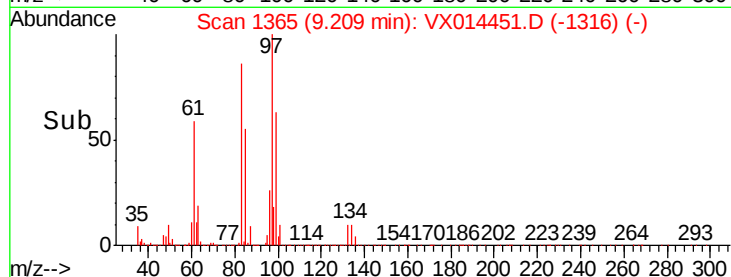
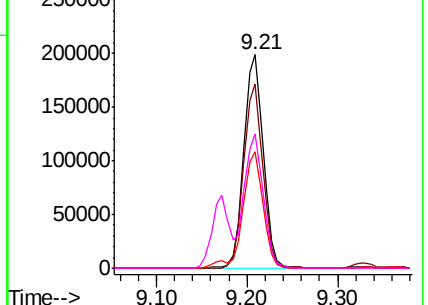


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 52.271 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014451.D

Acq: 07 Jan 2020 16:12

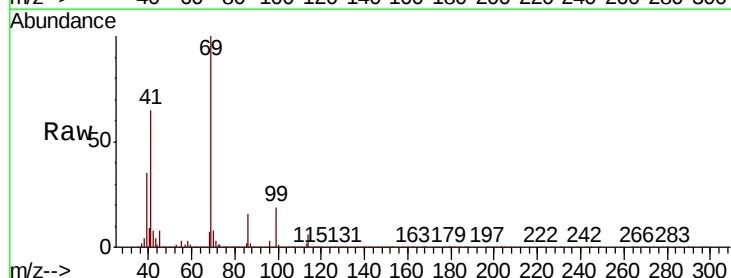
Tgt Ion: 69 Resp: 479239

Ion Ratio Lower Upper

69 100

41 67.1 54.2 81.2

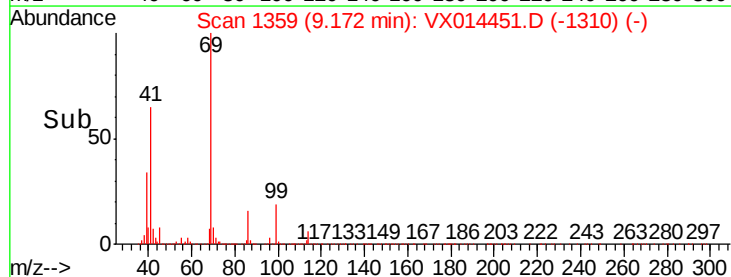
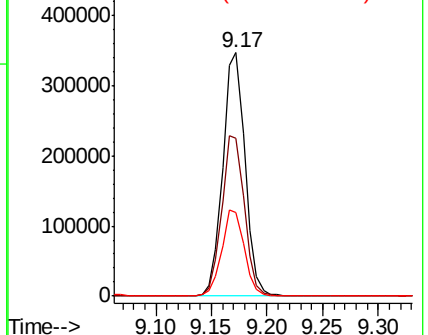
39 35.8 28.2 42.2

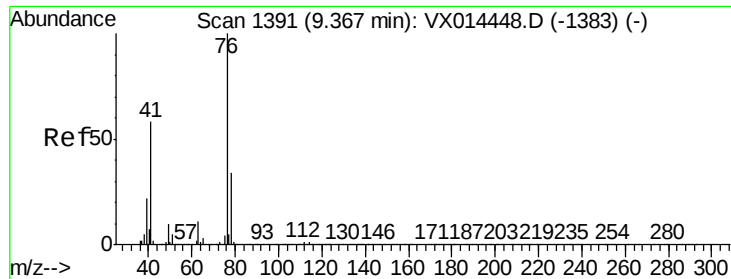


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.828 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014451.D

Acq: 07 Jan 2020 16:12

Instrument :

MSVOA_X

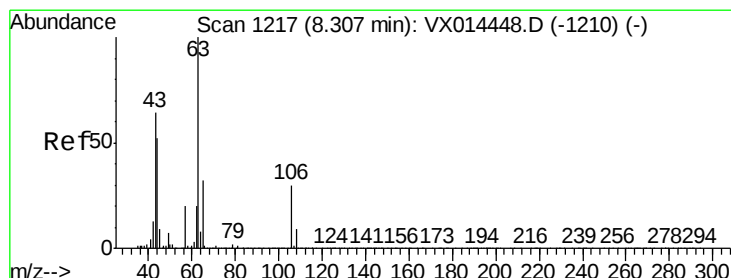
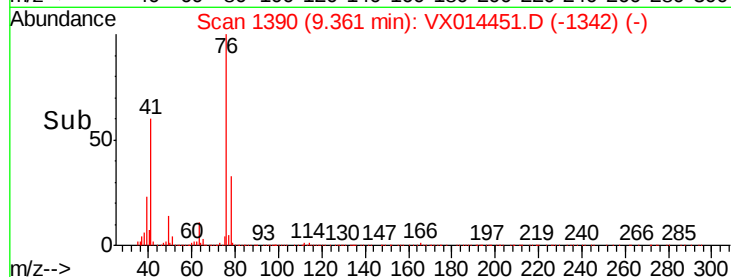
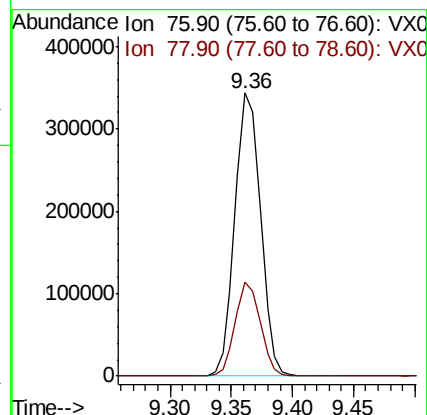
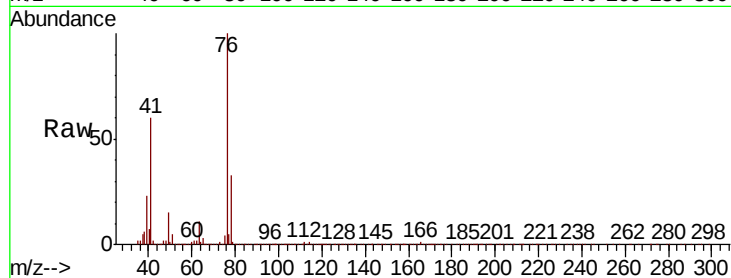
ClientSampleId :

Tot Ion: 76 Resp: 498570

Ion Ratio Lower Upper

76 100

78 32.6 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 296.026 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014451.D

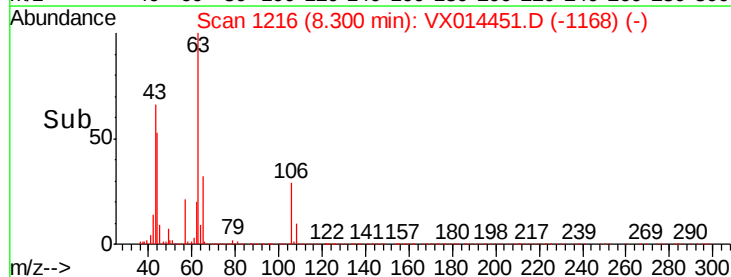
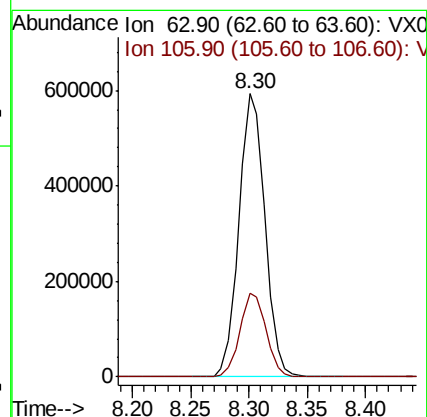
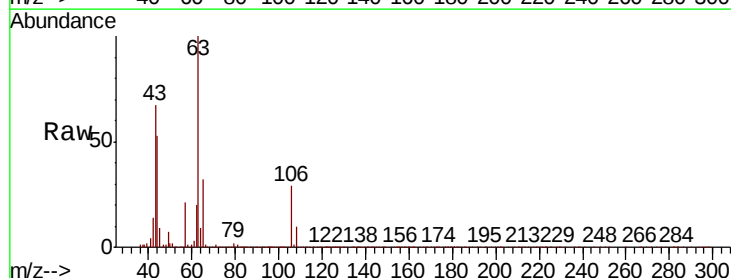
Acq: 07 Jan 2020 16:12

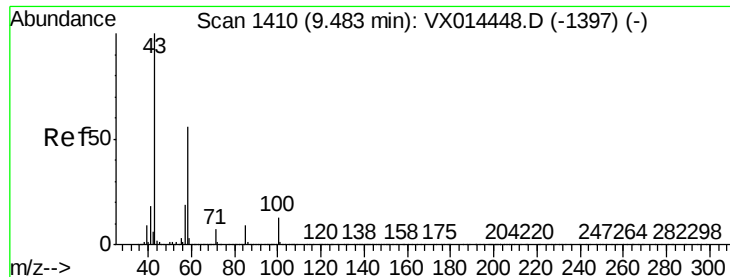
Tgt Ion: 63 Resp: 923416

Ion Ratio Lower Upper

63 100

106 29.8 23.6 35.4





#59

2-Hexanone

Concen: 243.572 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX014451.D

Acq: 07 Jan 2020 16:12

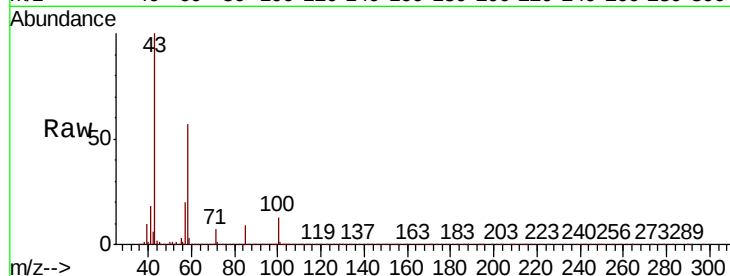
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1615992

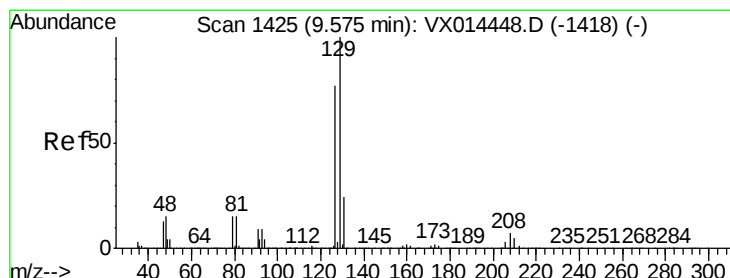
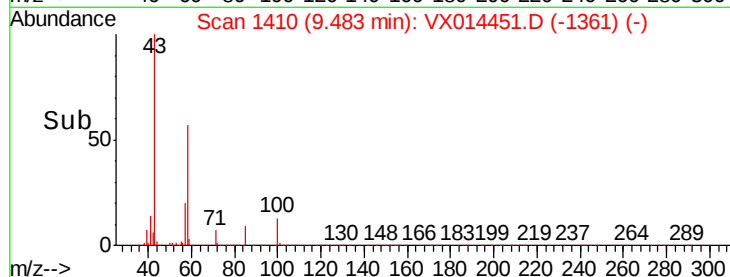
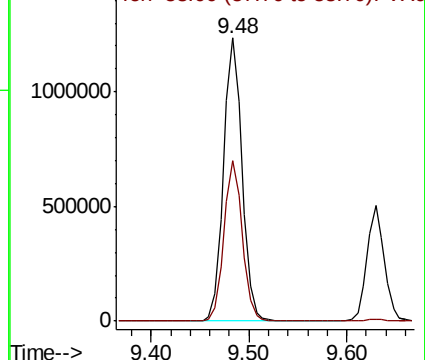
Ion Ratio Lower Upper

43 100

58 56.3 27.9 83.7



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0



#60

Dibromochloromethane

Concen: 52.662 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX014451.D

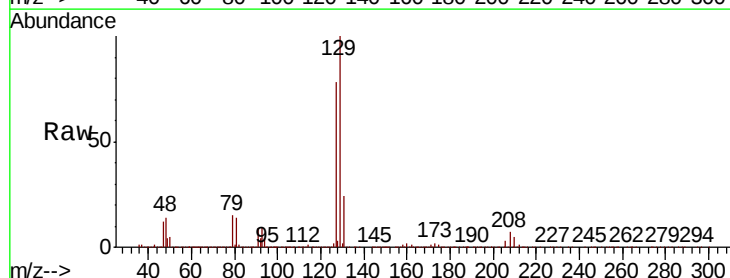
Acq: 07 Jan 2020 16:12

Tgt Ion:129 Resp: 316758

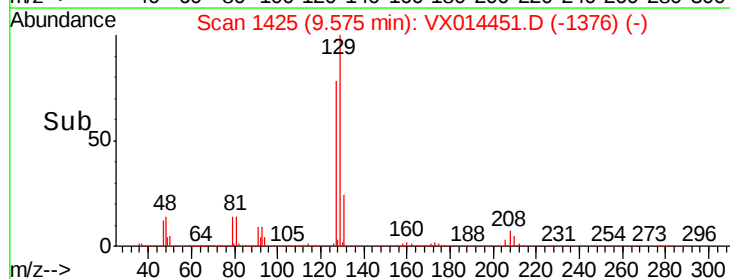
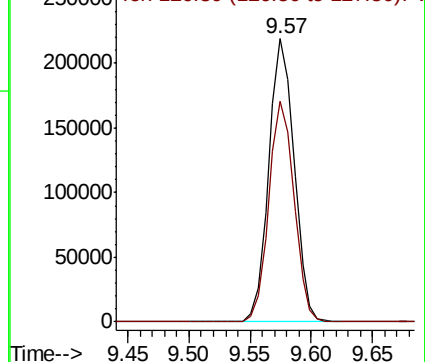
Ion Ratio Lower Upper

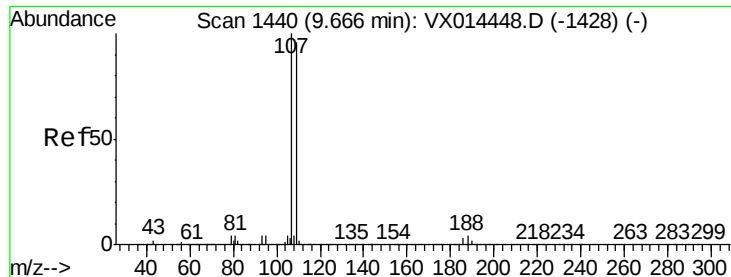
129 100

127 77.8 38.6 116.0



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V





#61

1,2-Dibromoethane

Concen: 48.778 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014451.D

Acq: 07 Jan 2020 16:12

Instrument :

MSVOA_X

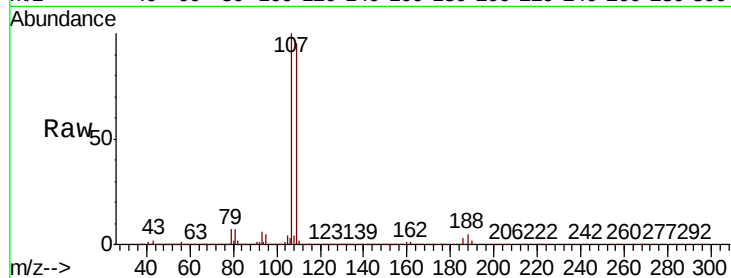
ClientSampleId :

Tot Ion: 107 Resp: 309212

Ion Ratio Lower Upper

107 100

109 95.6 76.5 114.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

250000

200000

150000

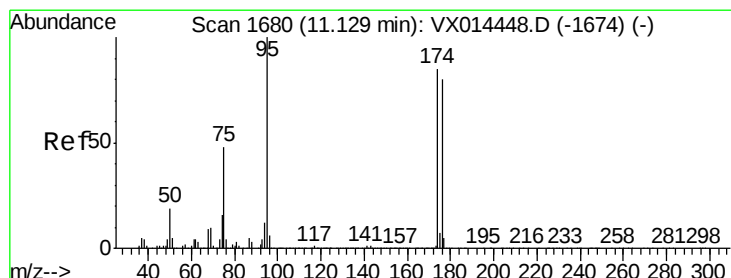
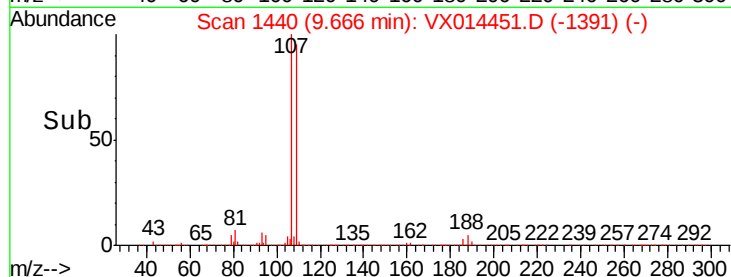
100000

50000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 50.527 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014451.D

Acq: 07 Jan 2020 16:12

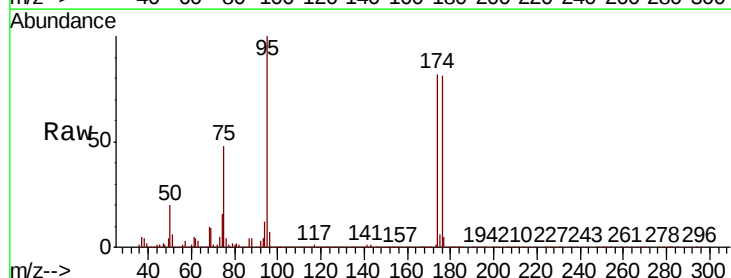
Tgt Ion: 95 Resp: 363358

Ion Ratio Lower Upper

95 100

174 89.4 0.0 180.8

176 87.9 0.0 172.8



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

300000

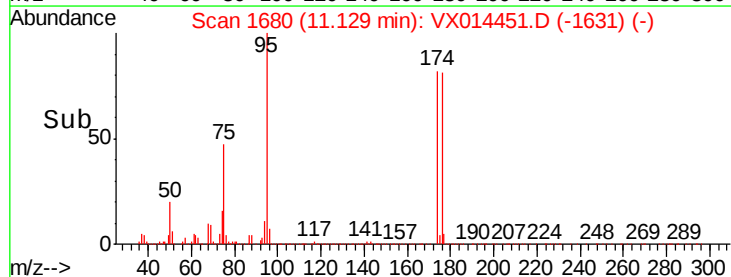
200000

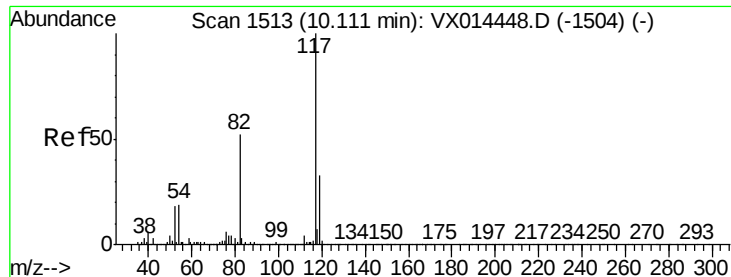
100000

0

11.10 11.20

Time-->

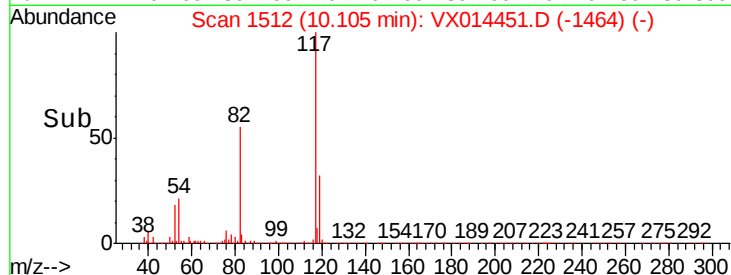
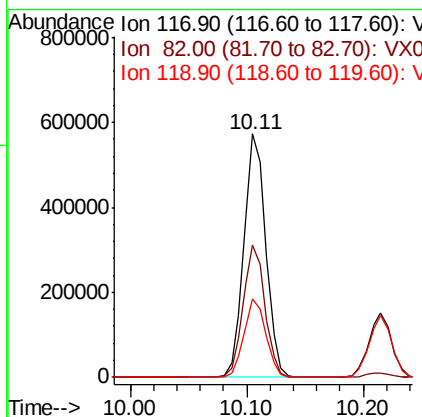
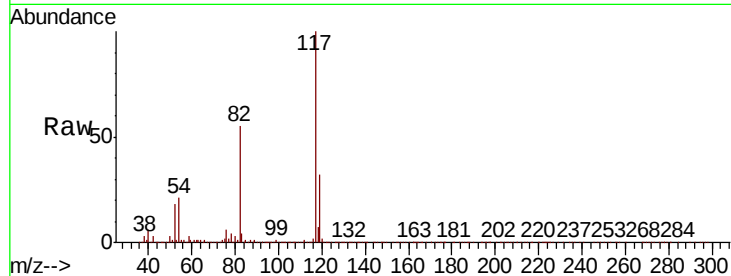




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014451.D
Acq: 07 Jan 2020 16:12

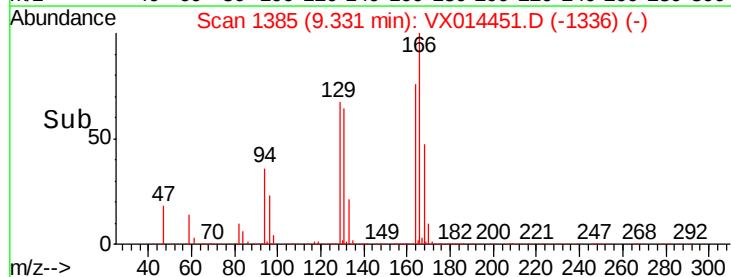
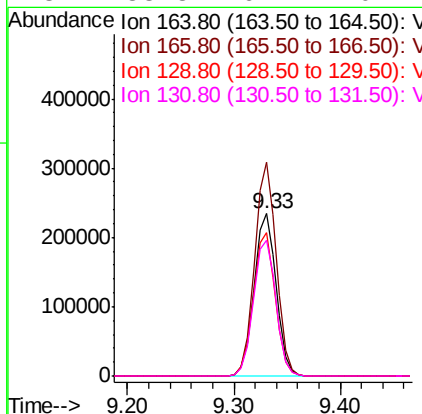
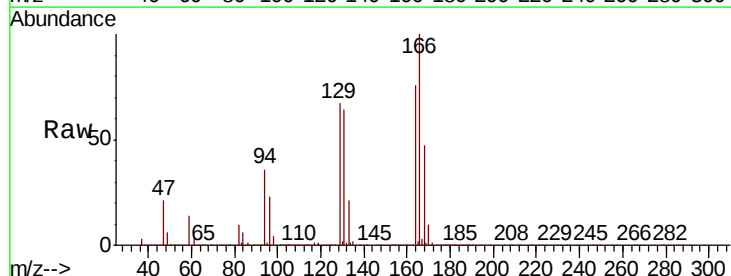
Instrument :
MSVOA_X
ClientSampleId :

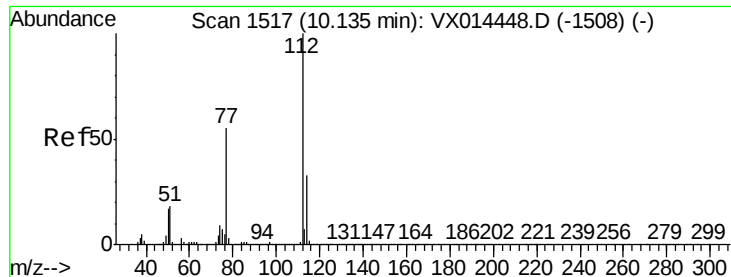
Tot Ion:117 Resp: 754570
Ion Ratio Lower Upper
117 100
82 54.5 41.8 62.6
119 32.5 26.2 39.4



#64
Tetrachloroethene
Concen: 45.028 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014451.D
Acq: 07 Jan 2020 16:12

Tgt Ion:164 Resp: 340524
Ion Ratio Lower Upper
164 100
166 131.5 101.2 151.8
129 88.1 68.3 102.5
131 83.8 67.4 101.2

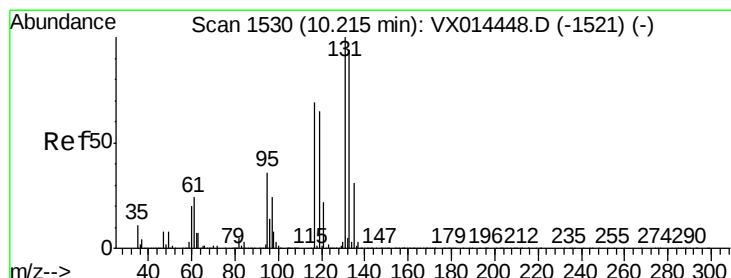
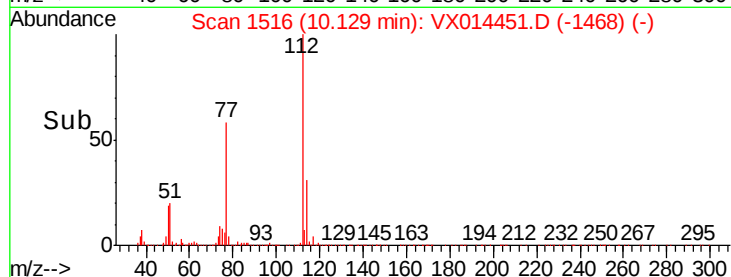
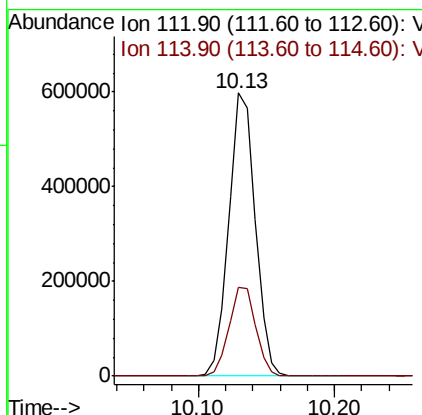
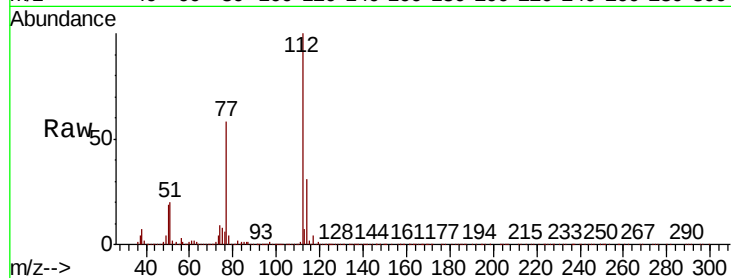




#65
Chlorobenzene
Concen: 49.556 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014451.D
Acq: 07 Jan 2020 16:12

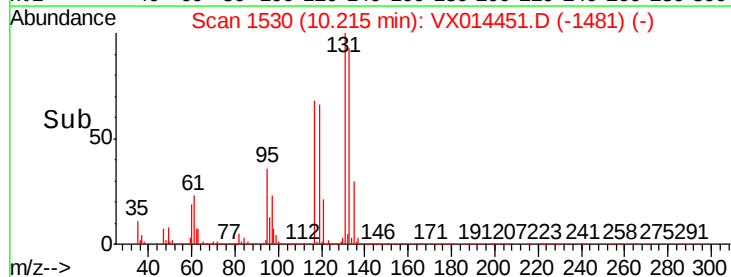
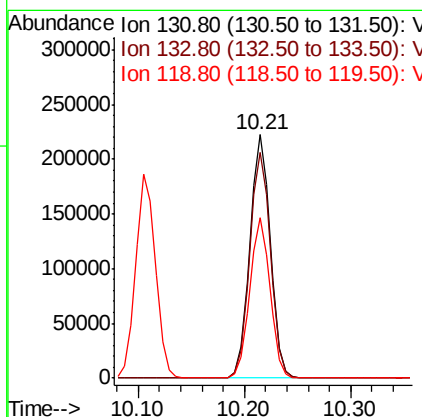
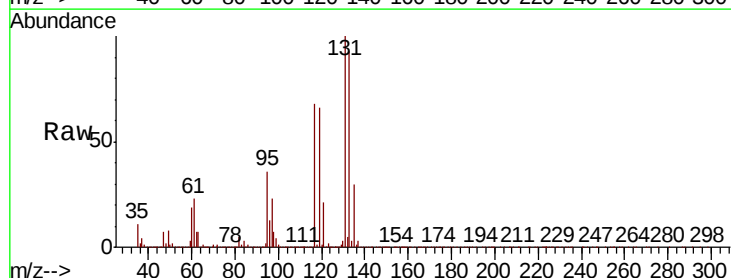
Instrument :
MSVOA_X
ClientSampleId :

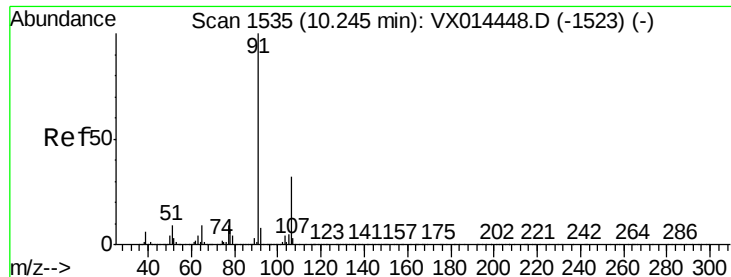
Tot Ion:112 Resp: 811489
Ion Ratio Lower Upper
112 100
114 31.4 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 51.383 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014451.D
Acq: 07 Jan 2020 16:12

Tgt Ion:131 Resp: 300279
Ion Ratio Lower Upper
131 100
133 94.3 47.3 142.0
119 65.2 32.8 98.4





#67

Ethyl Benzene

Concen: 51.892 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014451.D

Acq: 07 Jan 2020 16:12

Instrument :

MSVOA_X

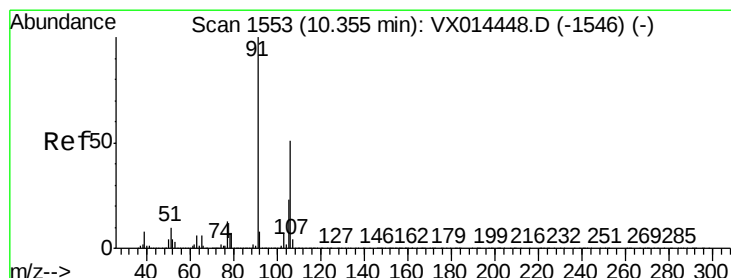
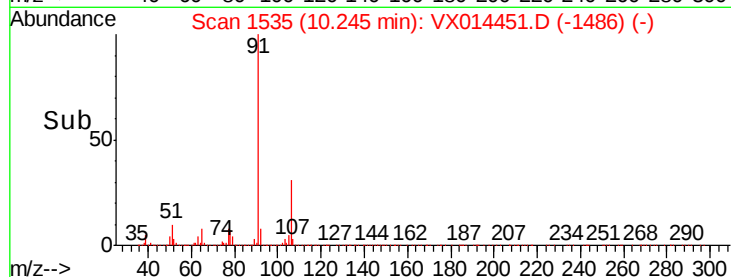
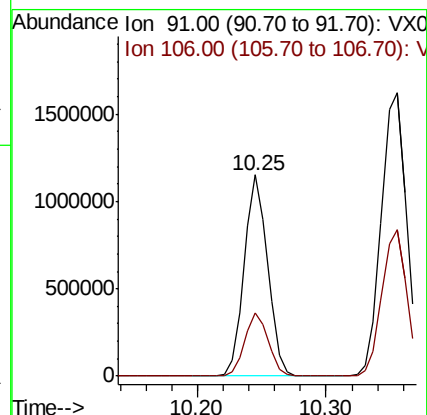
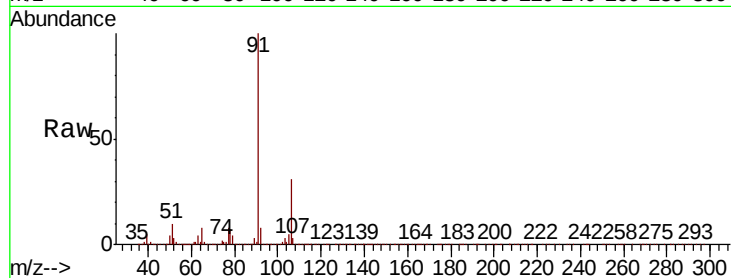
ClientSampleId :

Tot Ion: 91 Resp: 1448363

Ion Ratio Lower Upper

91 100

106 31.3 25.6 38.4



#68

m/p-Xylenes

Concen: 103.632 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014451.D

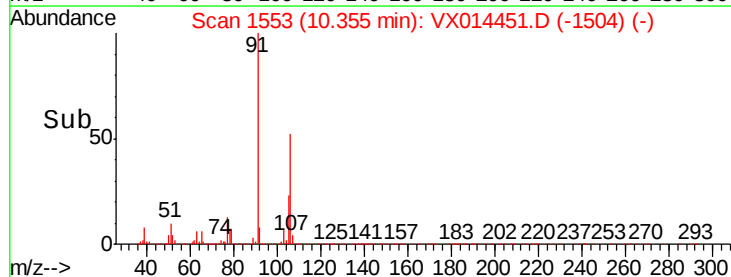
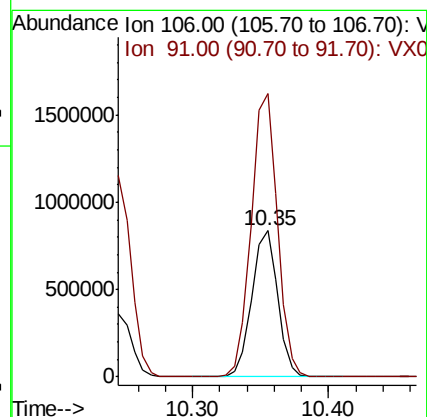
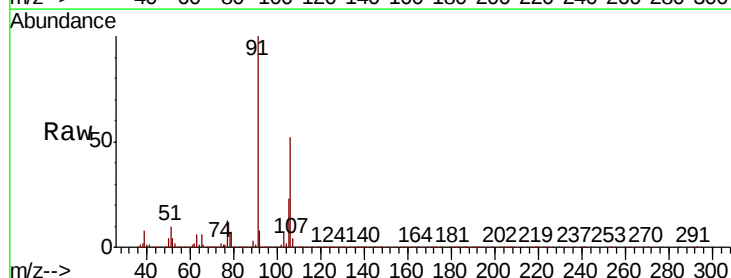
Acq: 07 Jan 2020 16:12

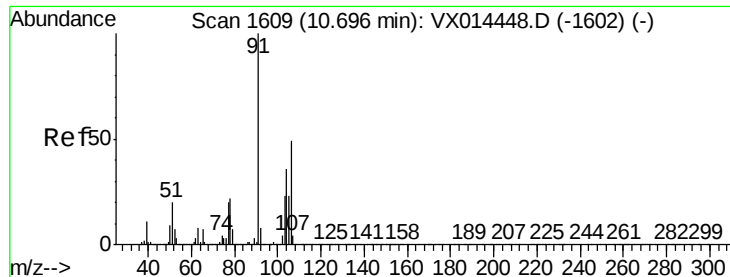
Tgt Ion: 106 Resp: 1115895

Ion Ratio Lower Upper

106 100

91 197.1 157.4 236.0

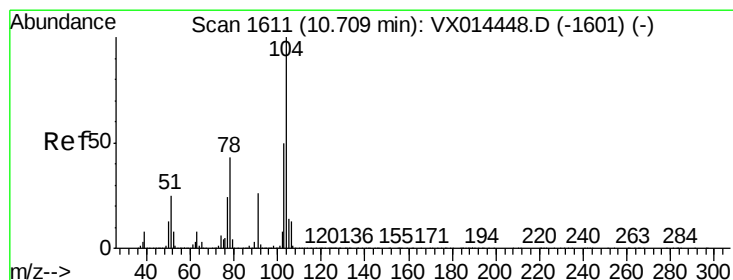
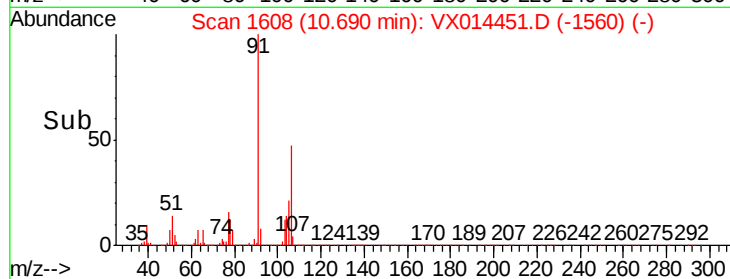
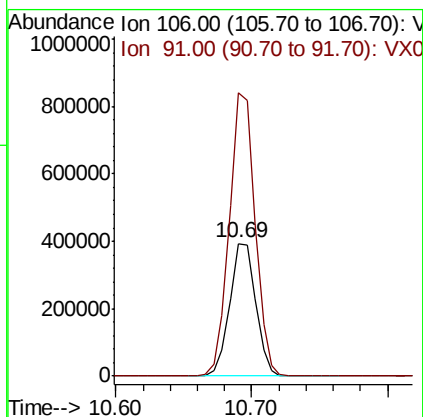
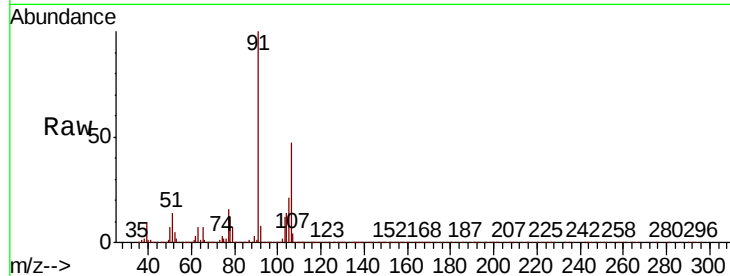




#69
o-Xylene
Concen: 51.264 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014451.D
Acq: 07 Jan 2020 16:12

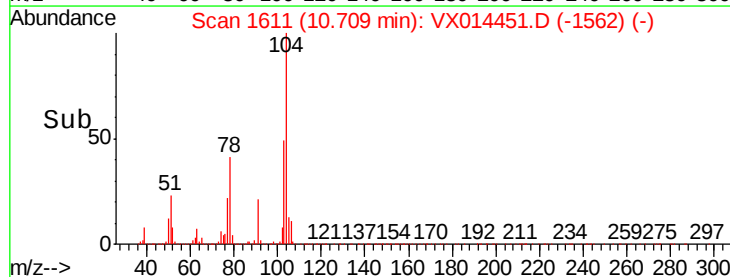
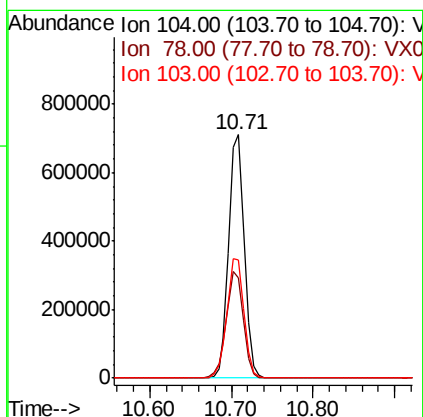
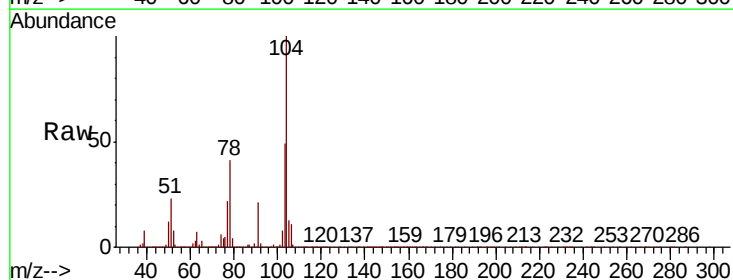
Instrument :
MSVOA_X
ClientSampleId :

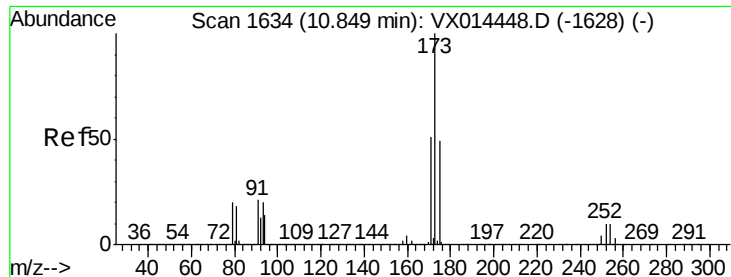
Tot Ion:106 Resp: 526687
Ion Ratio Lower Upper
106 100
91 210.5 105.1 315.1



#70
Styrene
Concen: 52.612 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014451.D
Acq: 07 Jan 2020 16:12

Tgt Ion:104 Resp: 932816
Ion Ratio Lower Upper
104 100
78 48.0 38.6 58.0
103 53.5 43.7 65.5

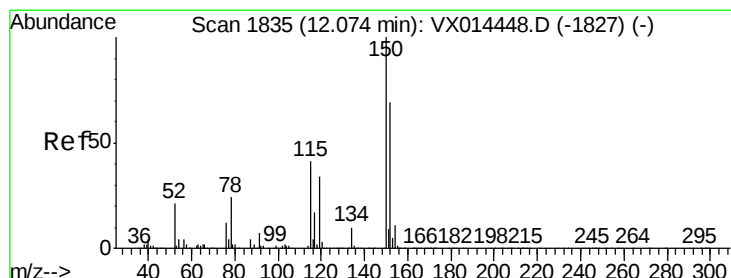
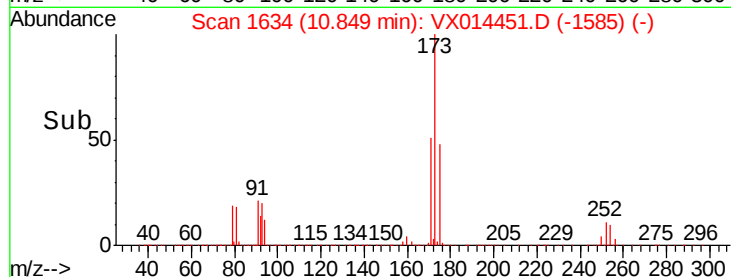
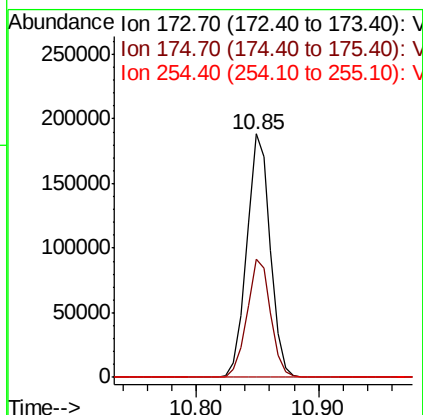
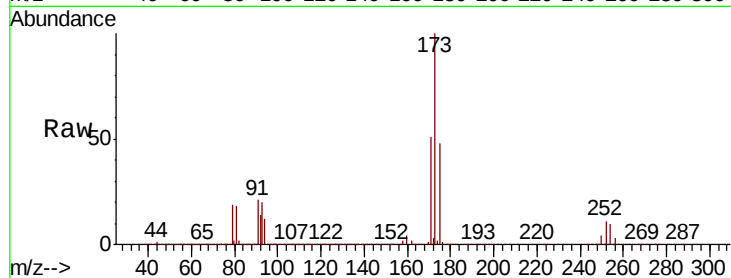




#71
Bromoform
Concen: 52.354 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VX014451.D
Acq: 07 Jan 2020 16:12

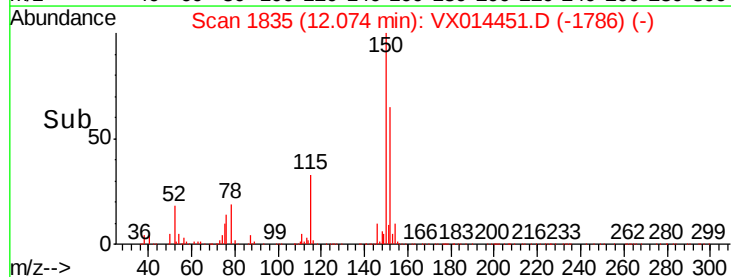
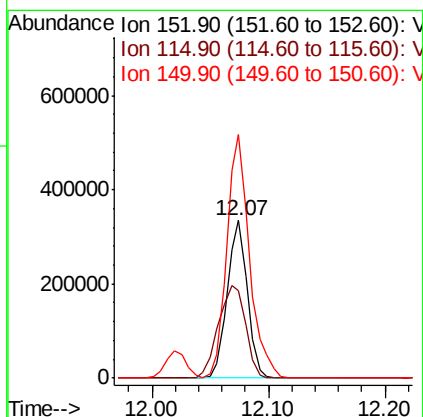
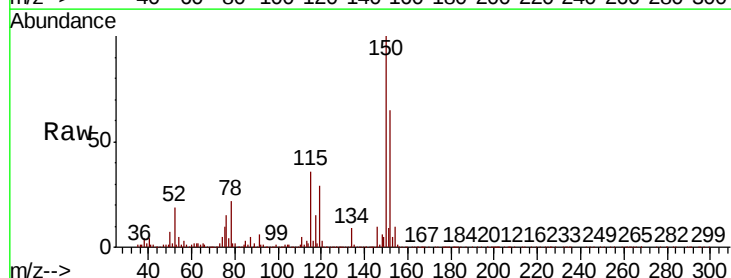
Instrument :
MSVOA_X
ClientSampleId :

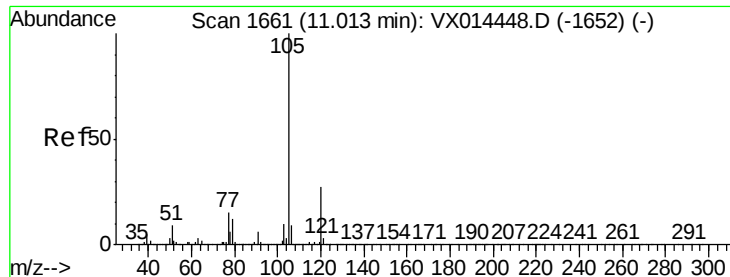
Tot Ion:173 Resp: 250324
Ion Ratio Lower Upper
173 100
175 49.0 24.3 72.8
254 0.2 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014451.D
Acq: 07 Jan 2020 16:12

Tgt Ion:152 Resp: 397961
Ion Ratio Lower Upper
152 100
115 79.2 39.5 118.3
150 174.3 0.0 350.2





#73

Isopropylbenzene

Concen: 51.102 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014451.D

Acq: 07 Jan 2020 16:12

Instrument :

MSVOA_X

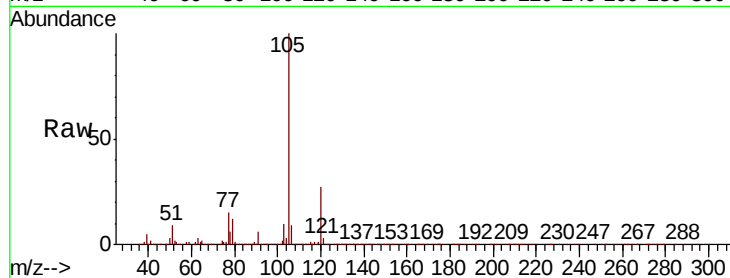
ClientSampled :

Tot Ion:105 Resp: 1428074

Ion Ratio Lower Upper

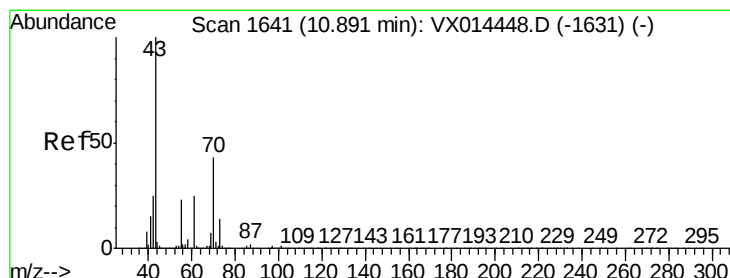
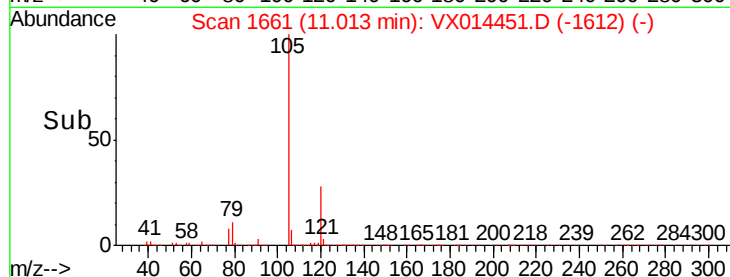
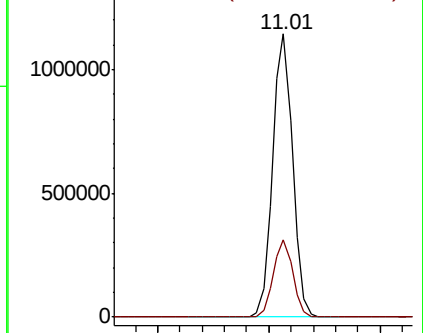
105 100

120 26.9 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.849 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014451.D

Acq: 07 Jan 2020 16:12

Tgt Ion: 43 Resp: 626922

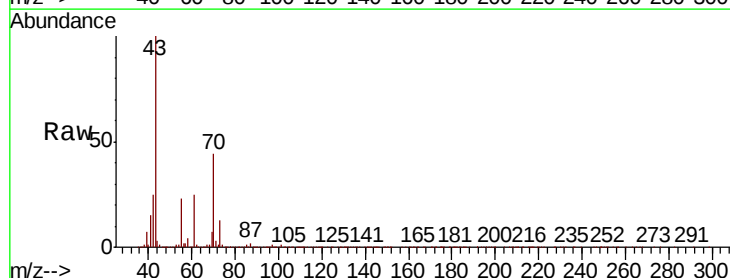
Ion Ratio Lower Upper

43 100

70 43.3 35.1 52.7

55 23.5 19.3 28.9

61 25.1 20.0 30.0

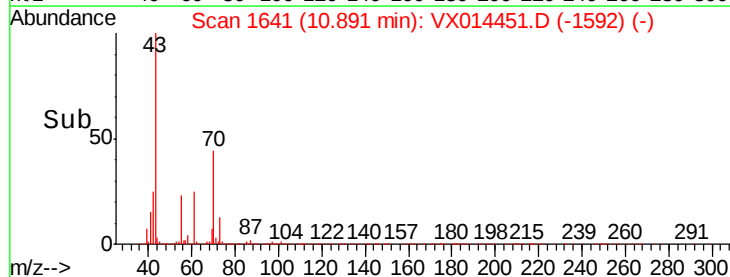
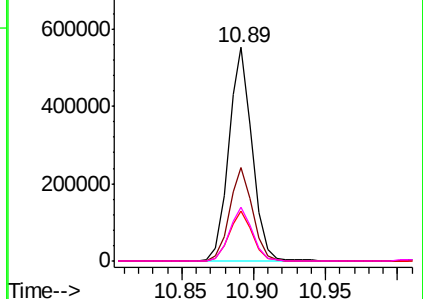


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.192 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014451.D

Acq: 07 Jan 2020 16:12

Instrument :

MSVOA_X

ClientSampleId :

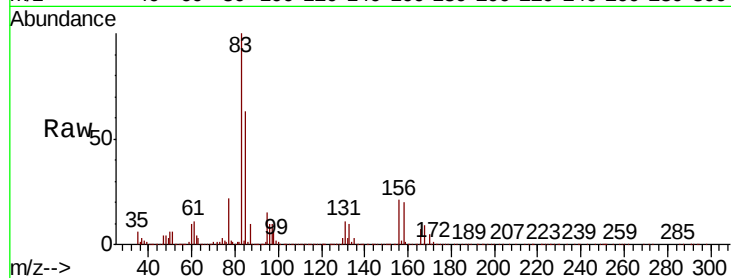
Tot Ion: 83 Resp: 440857

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.4

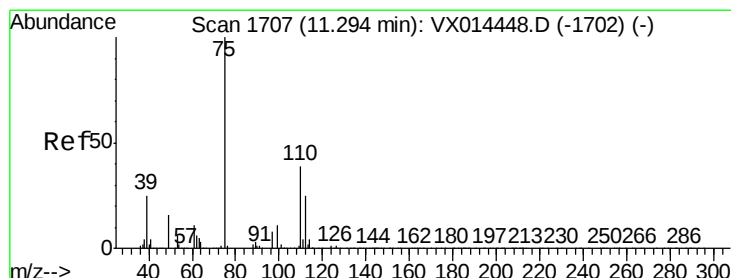
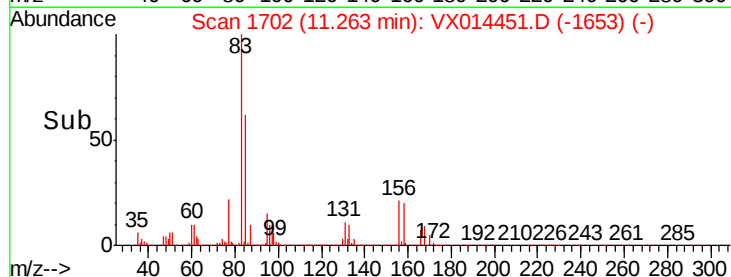
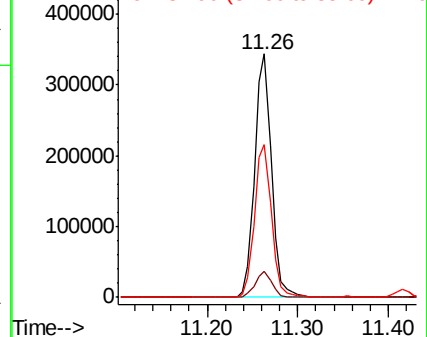
85 63.4 32.5 97.4



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: 63.935 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014451.D

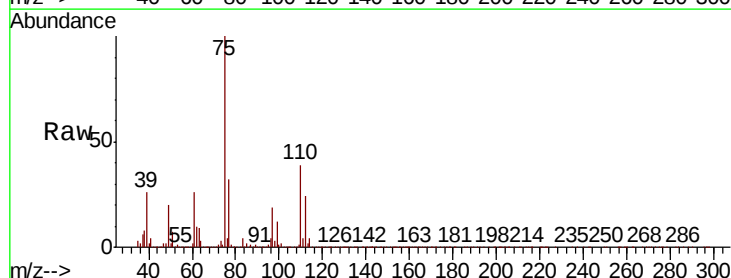
Acq: 07 Jan 2020 16:12

Tgt Ion: 75 Resp: 526435

Ion Ratio Lower Upper

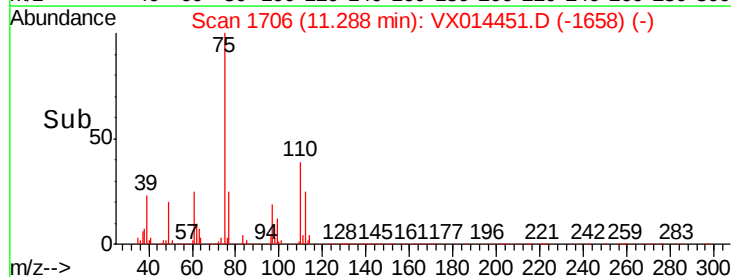
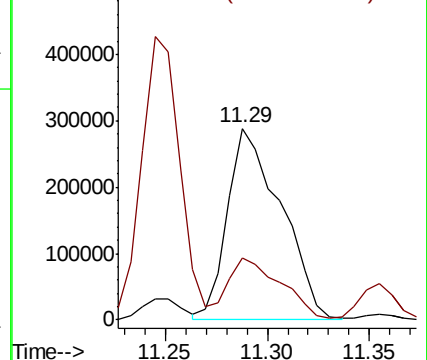
75 100

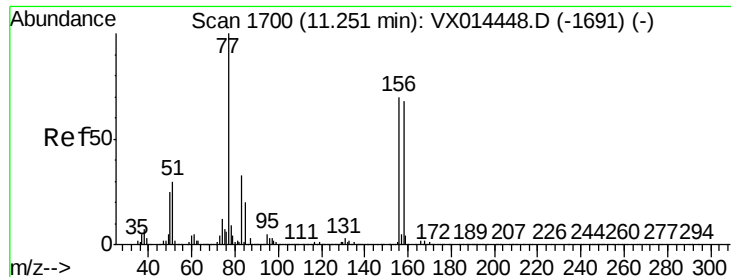
77 32.5 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.904 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014451.D

Acq: 07 Jan 2020 16:12

Instrument :

MSVOA_X

ClientSampled :

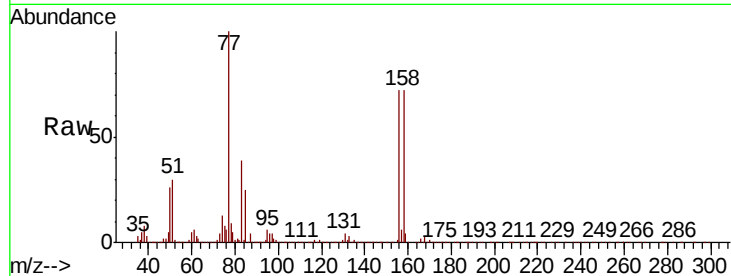
Tot Ion:156 Resp: 371253

Ion Ratio Lower Upper

156 100

77 149.0 75.4 226.3

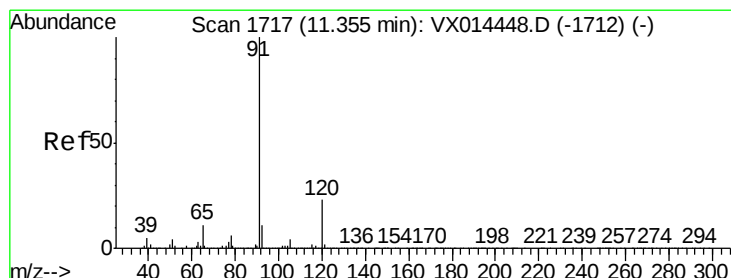
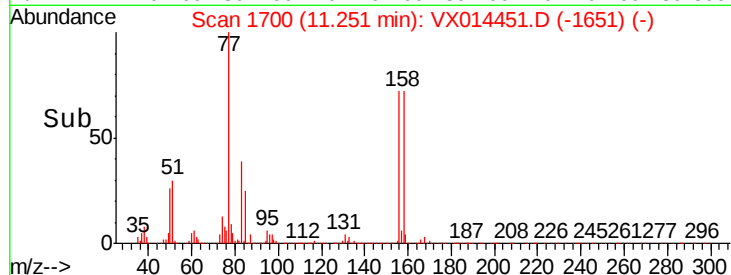
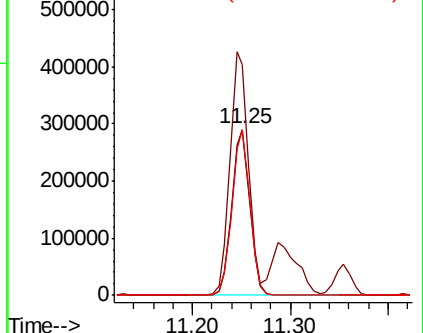
158 98.8 48.8 146.3



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: 51.620 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014451.D

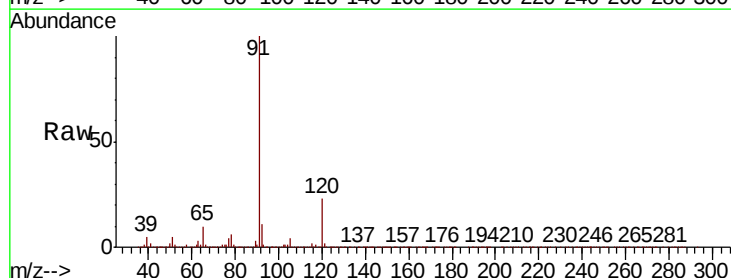
Acq: 07 Jan 2020 16:12

Tgt Ion: 91 Resp: 1652057

Ion Ratio Lower Upper

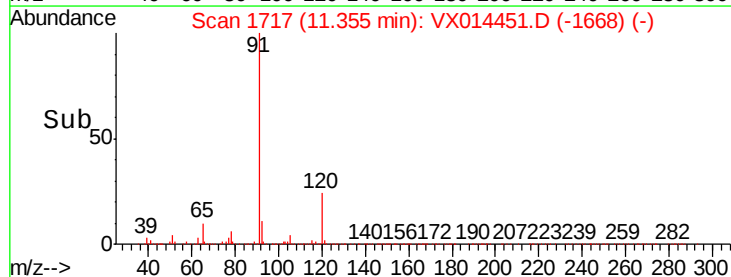
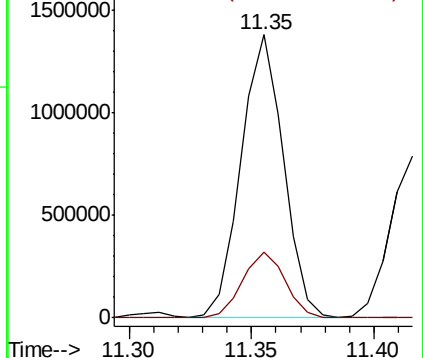
91 100

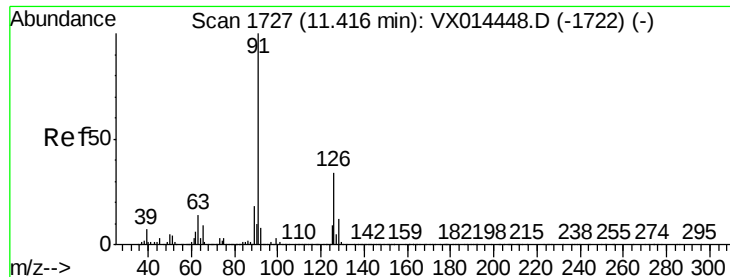
120 23.6 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

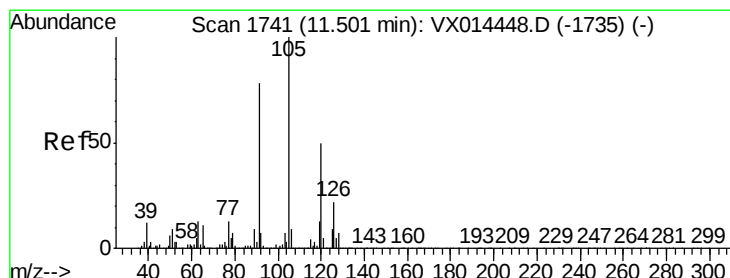
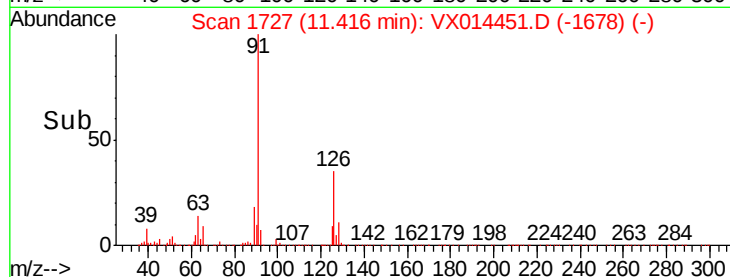
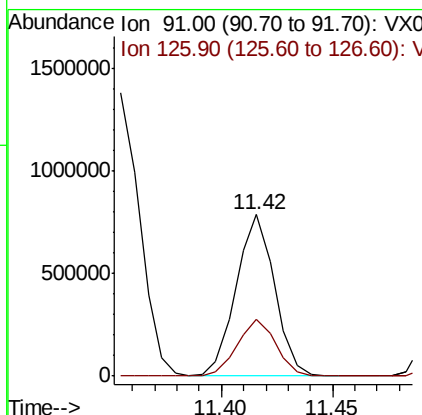
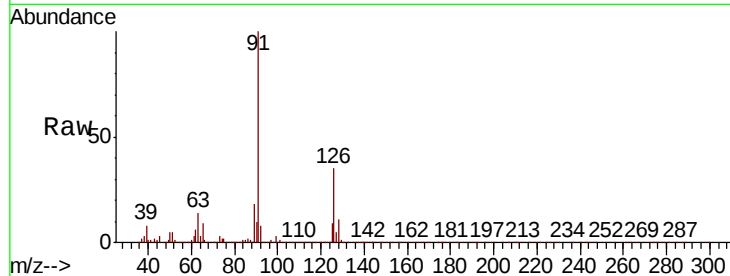




#79
2-Chlorotoluene
Concen: 49.591 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014451.D
Acq: 07 Jan 2020 16:12

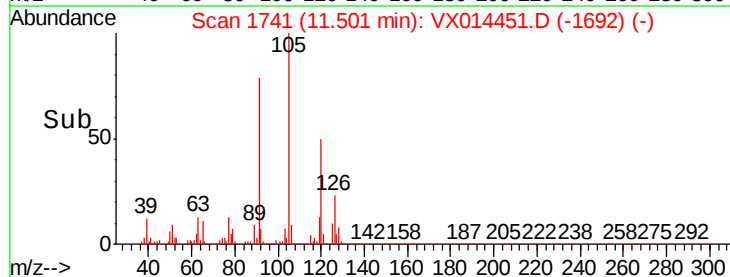
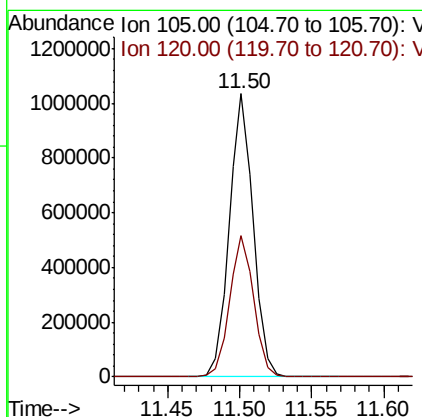
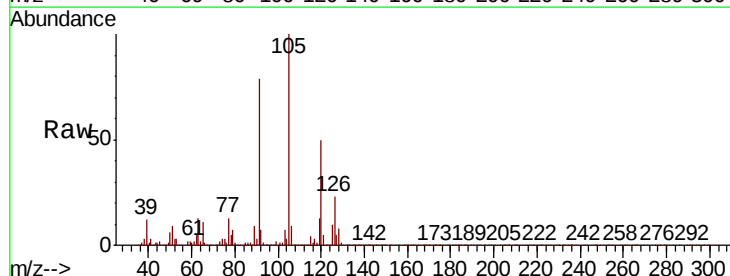
Instrument :
MSVOA_X
ClientSampleId :

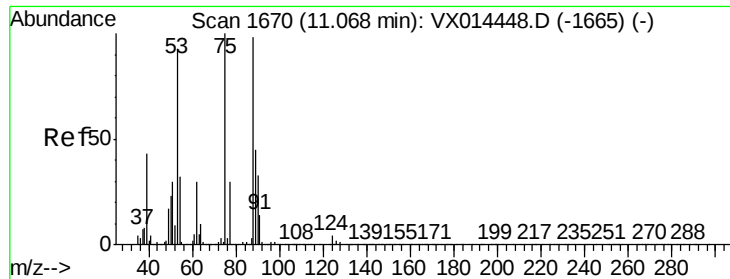
Tot Ion: 91 Resp: 945909
Ion Ratio Lower Upper
91 100
126 35.5 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 51.822 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014451.D
Acq: 07 Jan 2020 16:12

Tgt Ion:105 Resp: 1202335
Ion Ratio Lower Upper
105 100
120 50.1 25.2 75.6

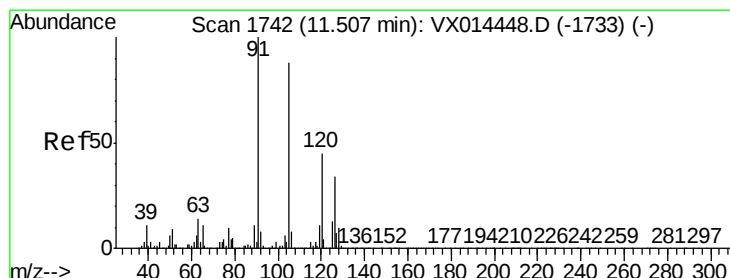
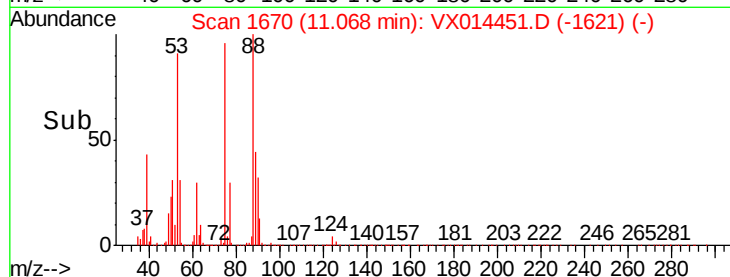
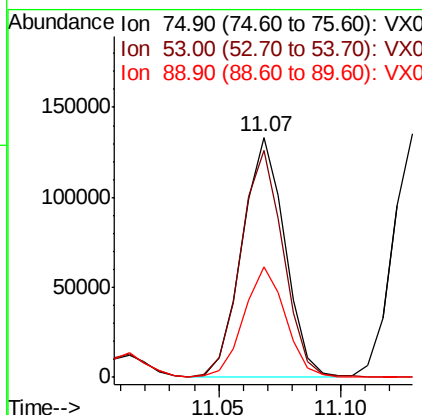
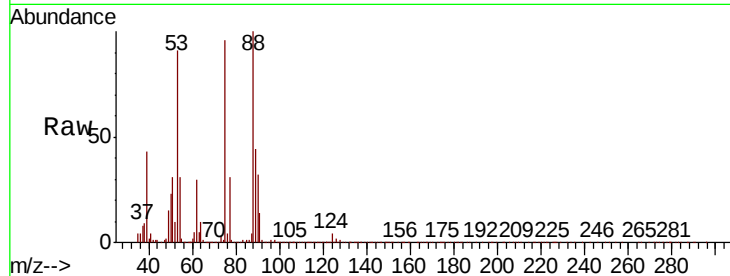




#81
trans-1,4-Dichloro-2-butene
Concen: 52.068 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014451.D
Acq: 07 Jan 2020 16:12

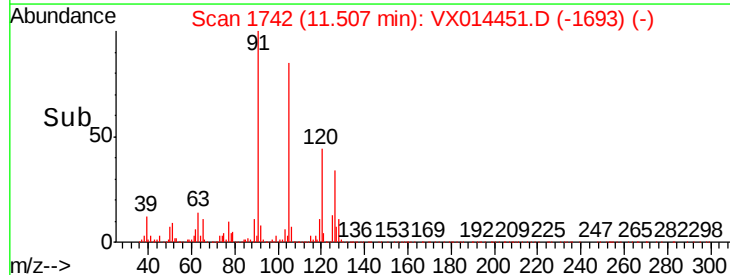
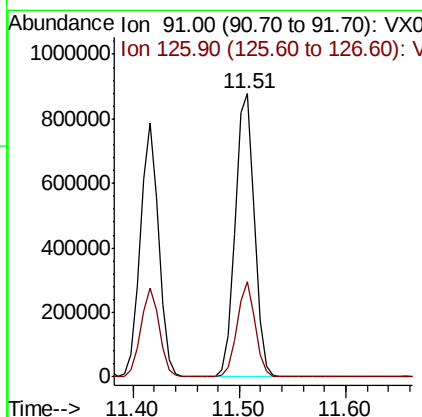
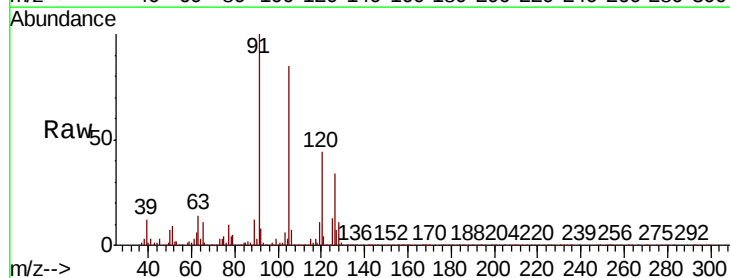
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 162162
Ion Ratio Lower Upper
75 100
53 93.7 74.8 112.2
89 45.1 36.3 54.5



#82
4-Chlorotoluene
Concen: 49.845 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014451.D
Acq: 07 Jan 2020 16:12

Tgt Ion: 91 Resp: 1116013
Ion Ratio Lower Upper
91 100
126 31.4 15.9 47.7

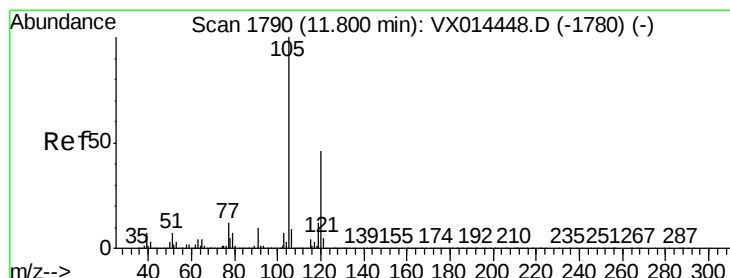
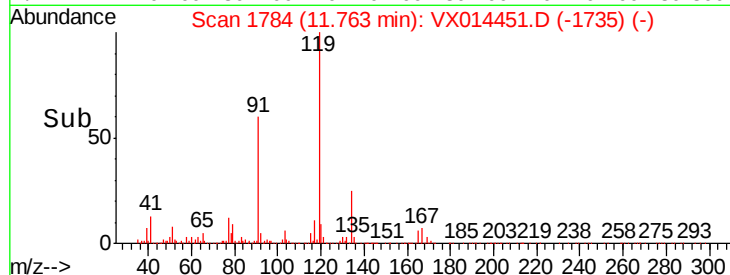
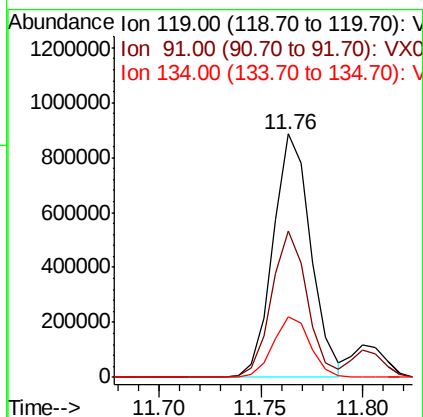
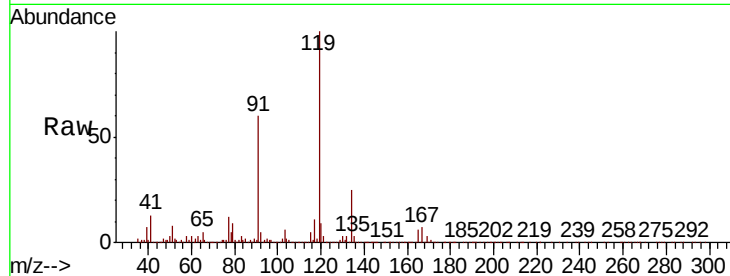




#83
tert-Butylbenzene
Concen: 52.171 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014451.D
Acq: 07 Jan 2020 16:12

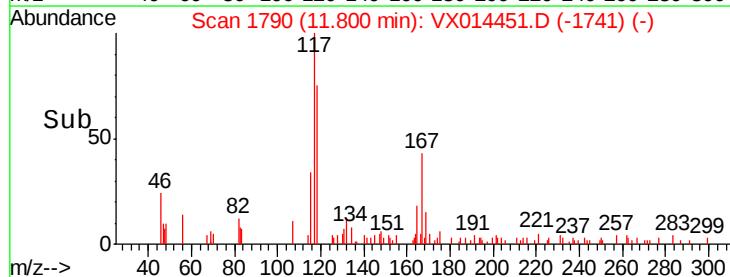
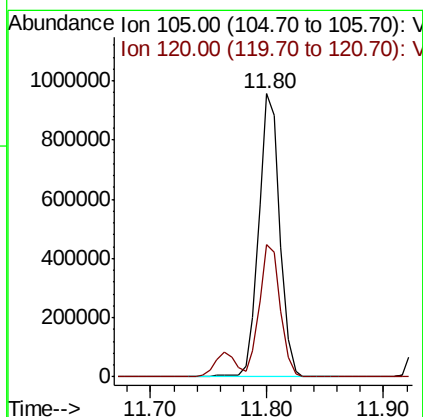
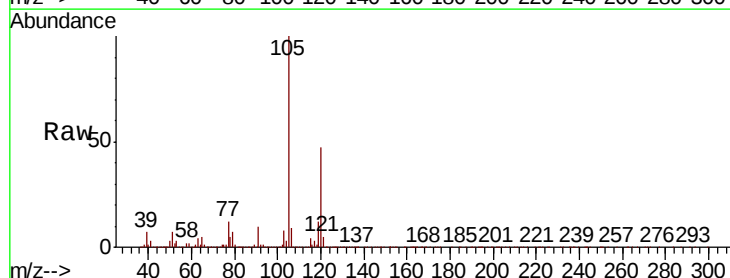
Instrument :
MSVOA_X
ClientSampled :

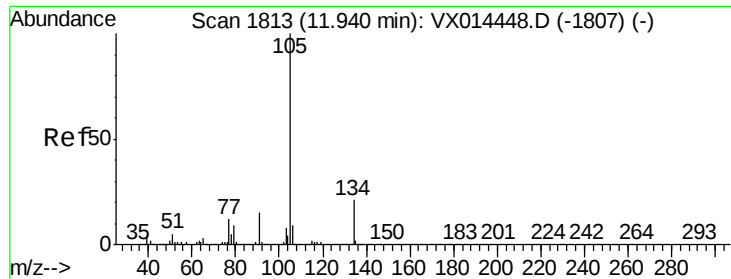
Tot Ion:119 Resp: 1143692
Ion Ratio Lower Upper
119 100
91 57.0 29.3 88.0
134 24.6 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 51.137 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014451.D
Acq: 07 Jan 2020 16:12

Tgt Ion:105 Resp: 1198863
Ion Ratio Lower Upper
105 100
120 46.1 23.1 69.3





#85

sec-Butylbenzene

Concen: 52.042 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014451.D

Acq: 07 Jan 2020 16:12

Instrument :

MSVOA_X

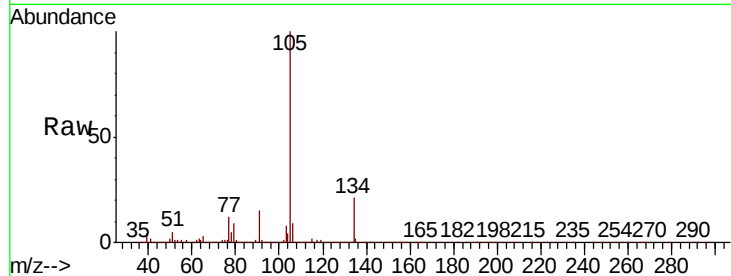
ClientSampled :

Tot Ion:105 Resp: 1418258

Ion Ratio Lower Upper

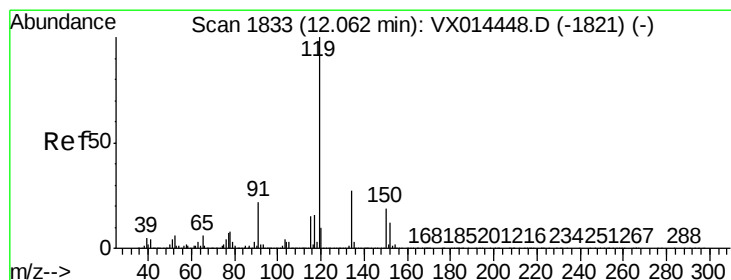
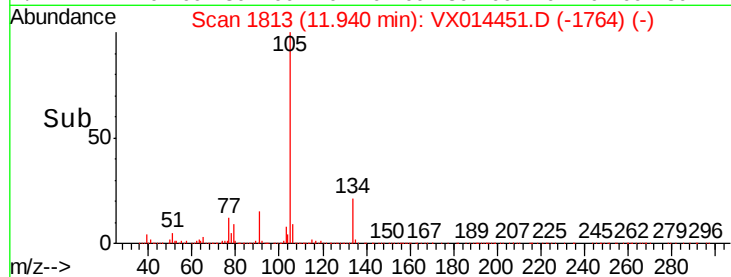
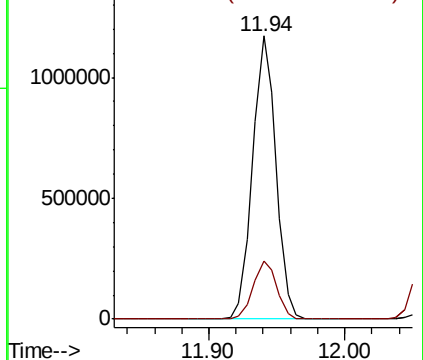
105 100

134 20.9 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.352 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014451.D

Acq: 07 Jan 2020 16:12

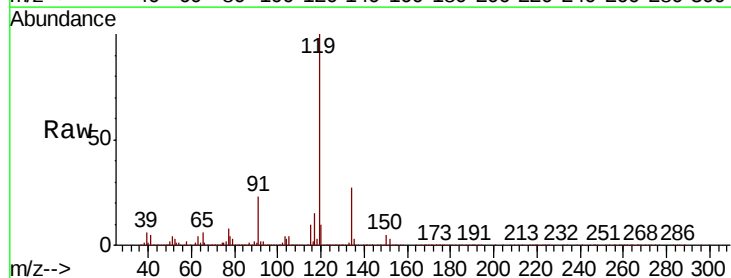
Tgt Ion:119 Resp: 1323927

Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

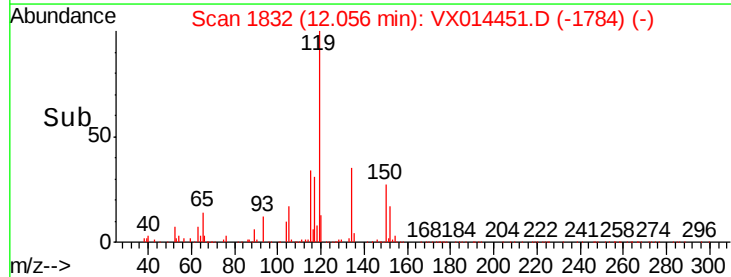
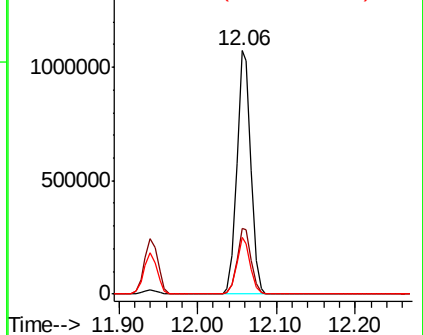
91 22.4 11.1 33.3

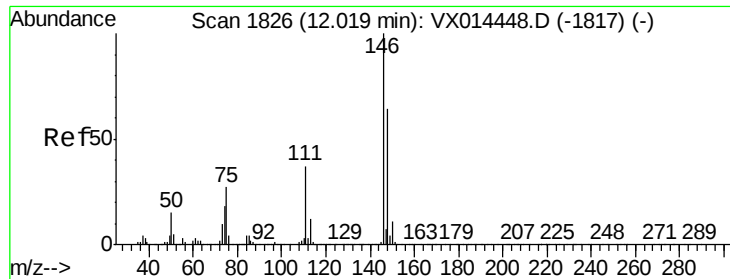


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

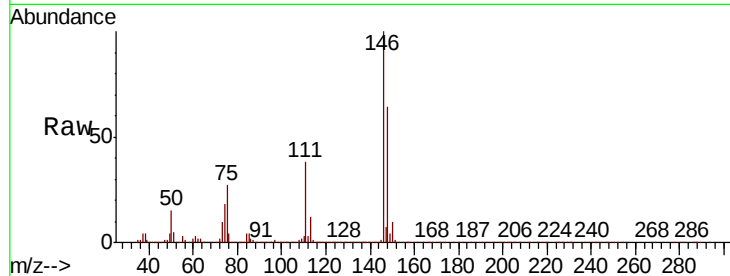




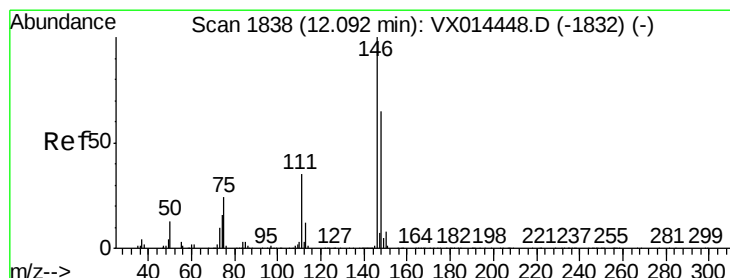
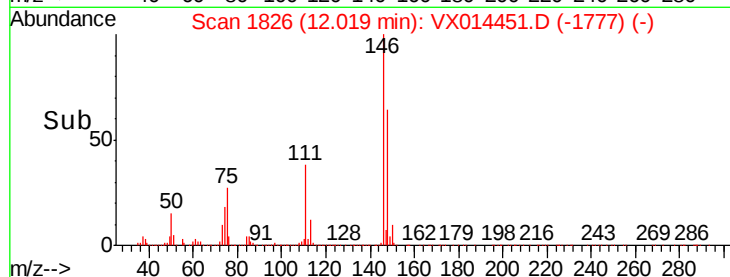
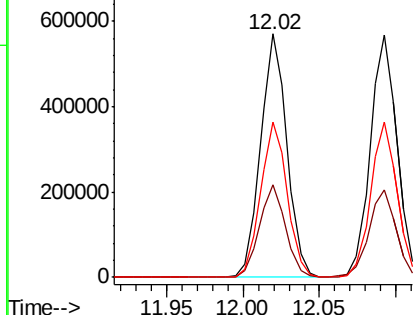
#87
 1,3-Dichlorobenzene
 Concen: 49.274 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014451.D
 Acq: 07 Jan 2020 16:12

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.9	56.7
148	64.4	32.2	96.6

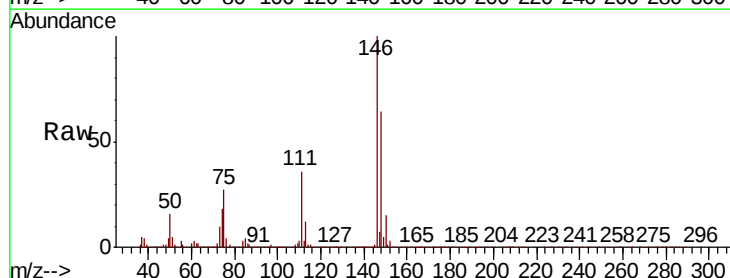


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

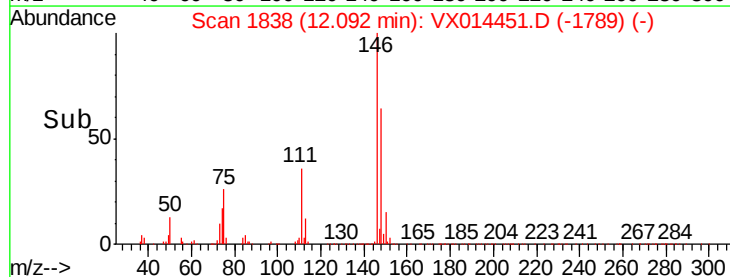
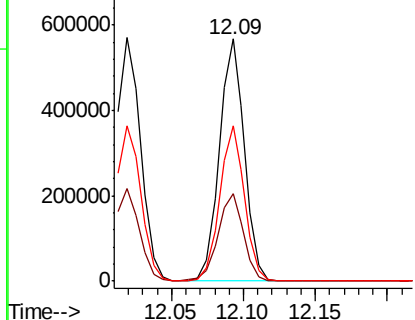


#88
 1,4-Dichlorobenzene
 Concen: 52.820 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014451.D
 Acq: 07 Jan 2020 16:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.1	54.1
148	63.2	32.1	96.3



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

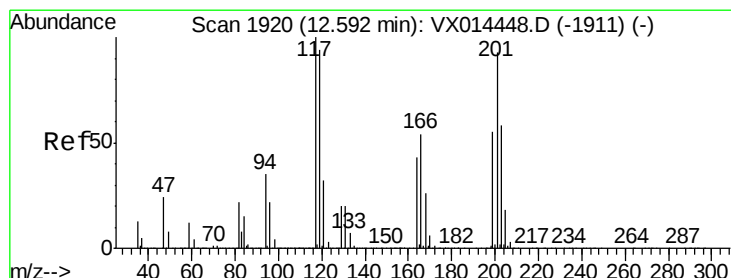
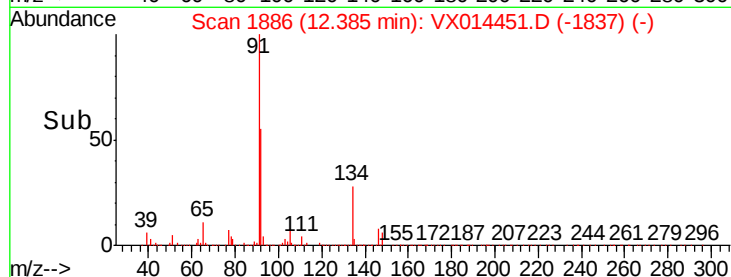
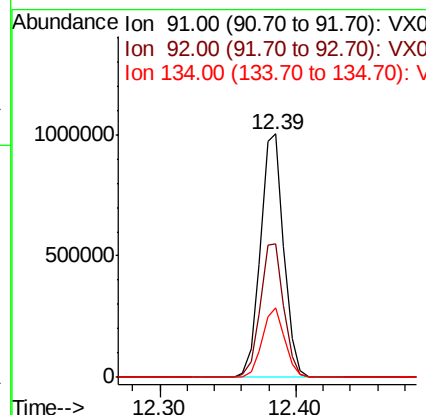
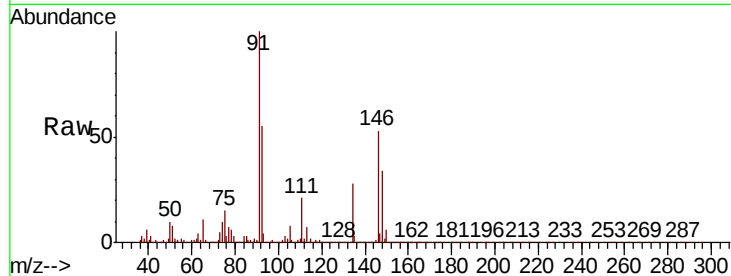




#89
n-Butylbenzene
Concen: 52.366 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014451.D
Acq: 07 Jan 2020 16:12

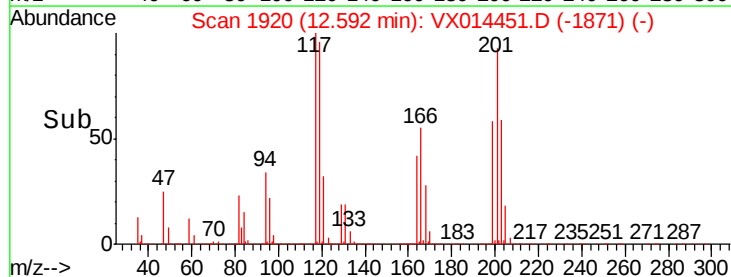
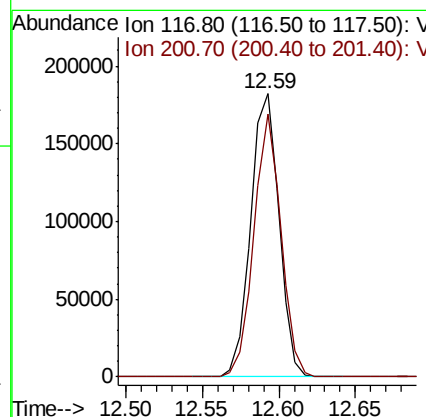
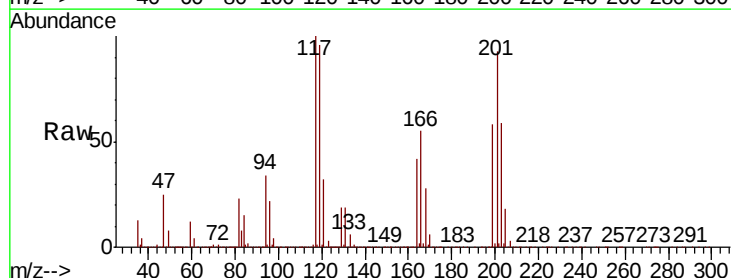
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 91 Resp: 1210818
Ion Ratio Lower Upper
91 100
92 55.4 27.4 82.2
134 27.6 13.9 41.7



#90
Hexachloroethane
Concen: 52.600 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014451.D
Acq: 07 Jan 2020 16:12

Tgt Ion: 117 Resp: 233657
Ion Ratio Lower Upper
117 100
201 89.0 44.8 134.3





#91

1,2-Dichlorobenzene

Concen: 48.758 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014451.D

Acq: 07 Jan 2020 16:12

Instrument :

MSVOA_X

ClientSampleId :

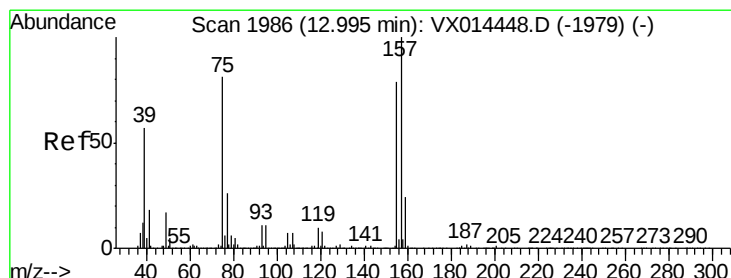
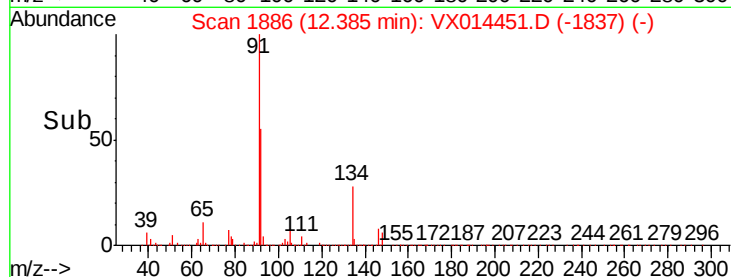
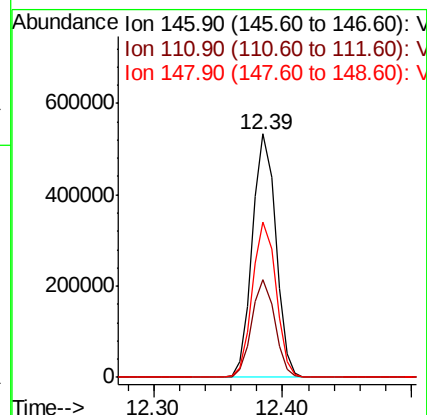
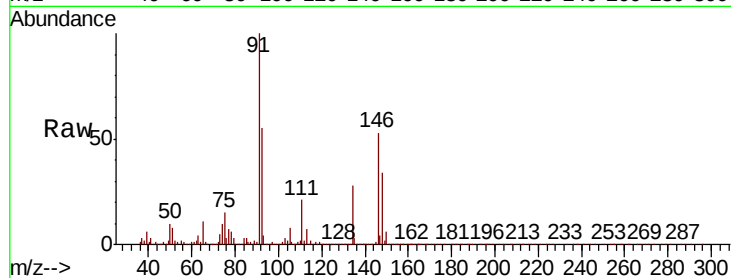
Tot Ion:146 Resp: 664414

Ion Ratio Lower Upper

146 100

111 39.5 19.8 59.4

148 64.2 32.3 96.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.231 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014451.D

Acq: 07 Jan 2020 16:12

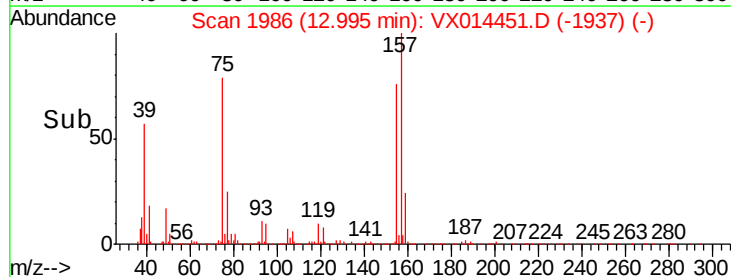
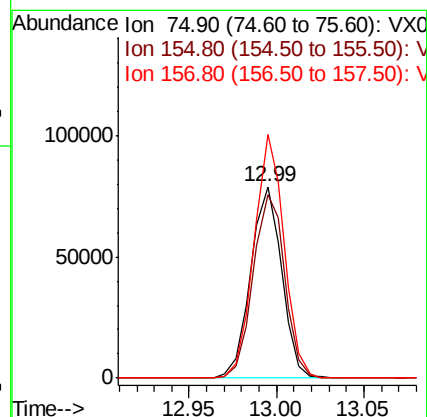
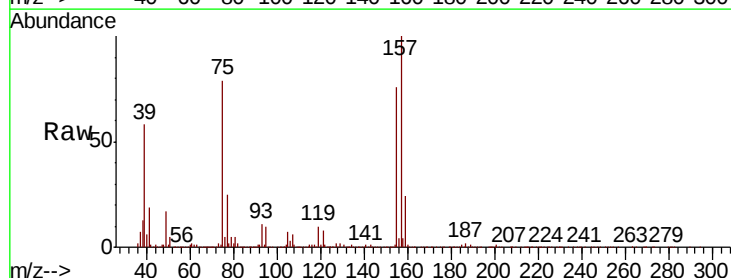
Tgt Ion: 75 Resp: 97229

Ion Ratio Lower Upper

75 100

155 98.7 48.7 146.1

157 124.2 62.0 185.9





#93

1,2,4-Trichlorobenzene

Concen: 53.553 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX014451.D

Acq: 07 Jan 2020 16:12

Instrument :

MSVOA_X

ClientSampled :

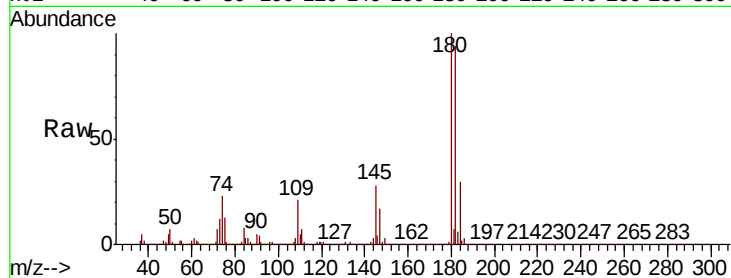
Tot Ion:180 Resp: 512087

Ion Ratio Lower Upper

180 100

182 95.9 47.5 142.5

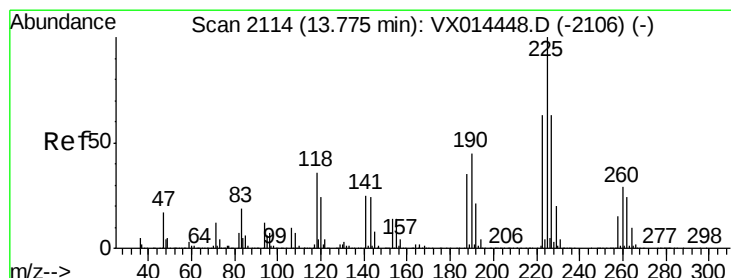
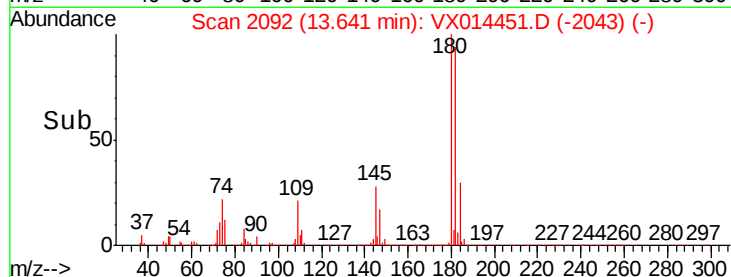
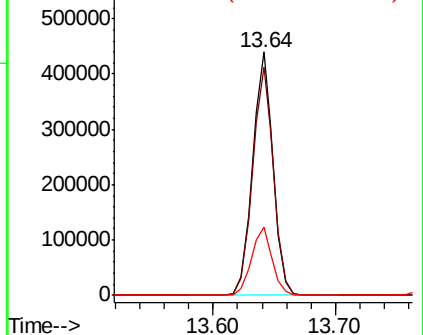
145 28.4 13.9 41.6



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: 55.163 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX014451.D

Acq: 07 Jan 2020 16:12

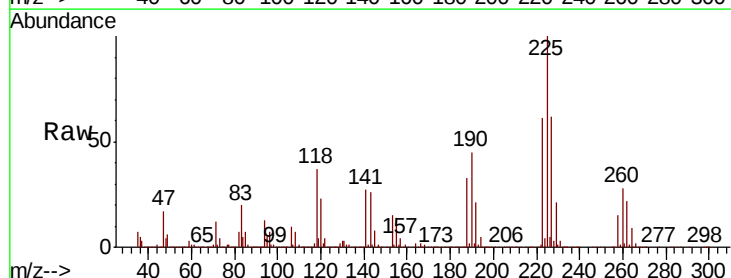
Tgt Ion:225 Resp: 247118

Ion Ratio Lower Upper

225 100

223 62.4 31.1 93.2

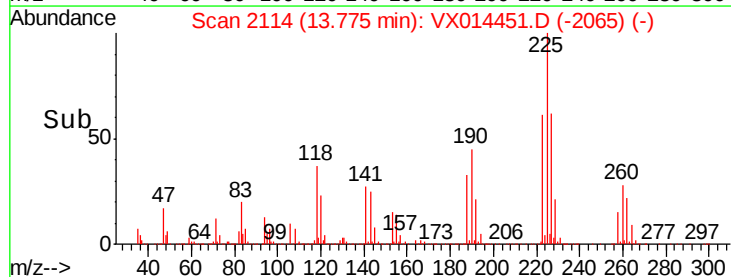
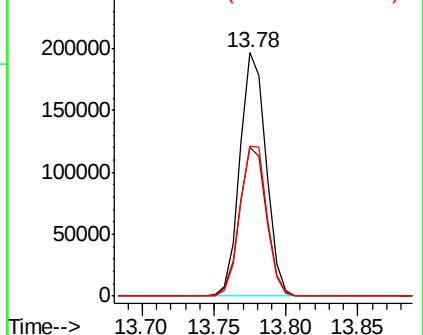
227 63.9 31.4 94.2

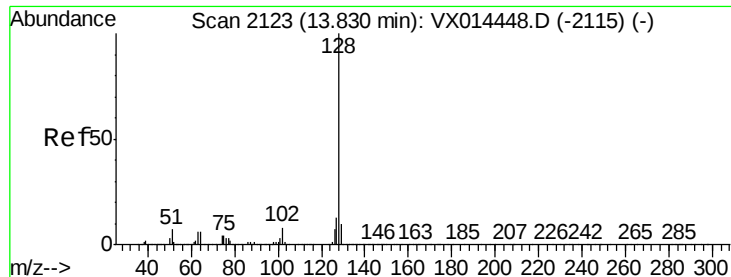


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

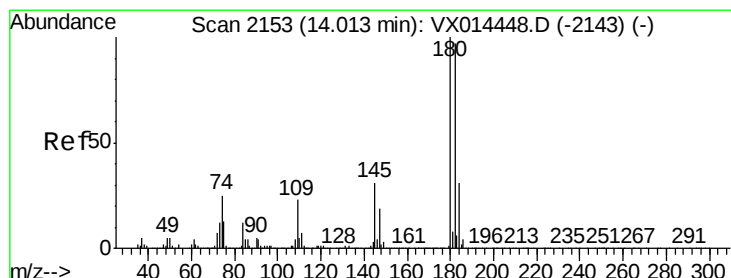
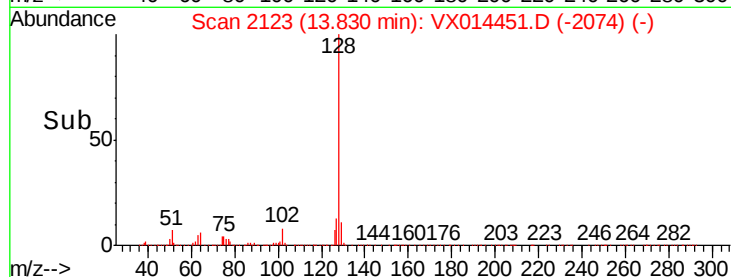
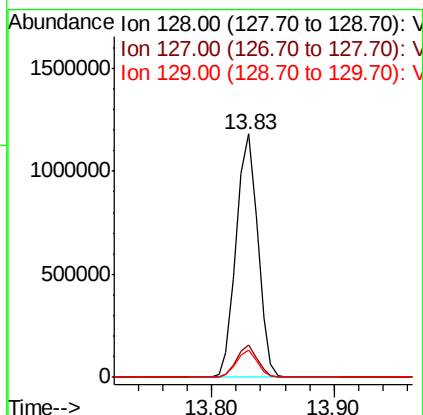
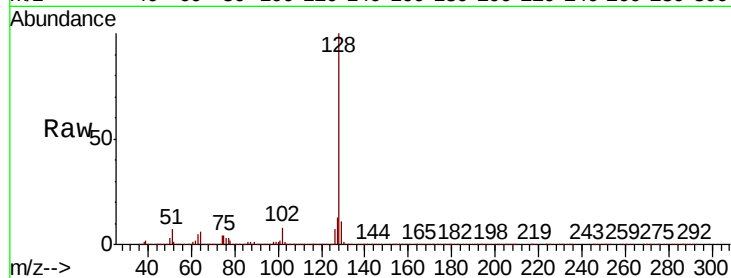




#95
Naphthalene
Concen: 48.478 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014451.D
Acq: 07 Jan 2020 16:12

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 1439034
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 52.309 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014451.D
Acq: 07 Jan 2020 16:12

Tgt Ion:180 Resp: 490859
Ion Ratio Lower Upper
180 100
182 95.9 47.9 143.6
145 30.8 14.8 44.3

