

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010320\
 Data File : VX014395.D
 Acq On : 03 Jan 2020 13:07
 Operator : JC/SP
 Sample : VX0103MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 06 02:29:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	505253	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	757136	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	677402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	341636	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	282742	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
35) Dibromofluoromethane	5.48	113	232917	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
50) Toluene-d8	8.71	98	890244	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
62) 4-Bromofluorobenzene	11.13	95	319325	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	67674	14.972	ug/l 100
3) Chloromethane	1.32	50	93314	15.383	ug/l 99
4) Vinyl Chloride	1.40	62	99617	15.563	ug/l 97
5) Bromomethane	1.63	94	73307	16.136	ug/l 99
6) Chloroethane	1.72	64	69531	17.601	ug/l 97
7) Trichlorofluoromethane	1.92	101	140881	17.780	ug/l 100
8) Diethyl Ether	2.17	74	65817	17.699	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	85396	17.879	ug/l 97
10) Methyl Iodide	2.50	142	89516	16.087	ug/l 97
11) Tert butyl alcohol	3.02	59	134746	108.900	ug/l 97
12) 1,1-Dichloroethene	2.36	96	80528	16.569	ug/l 93
13) Acrolein	2.28	56	51011	72.020	ug/l 96
14) Allyl chloride	2.72	41	157766	18.180	ug/l 98
15) Acrylonitrile	3.12	53	286089	99.061	ug/l 99
16) Acetone	2.43	43	306637	82.482	ug/l 100
17) Carbon Disulfide	2.56	76	193880	14.904	ug/l 99
18) Methyl Acetate	2.76	43	147205	19.983	ug/l 100
19) Methyl tert-butyl Ether	3.18	73	308881	19.340	ug/l 99
20) Methylene Chloride	2.84	84	101867	17.401	ug/l 99
21) trans-1,2-Dichloroethene	3.16	96	88011	16.437	ug/l 97
22) Diisopropyl ether	3.84	45	330342	19.103	ug/l 97
23) Vinyl Acetate	3.80	43	1381345	97.886	ug/l 99
24) 1,1-Dichloroethane	3.69	63	169374	17.605	ug/l 98
25) 2-Butanone	4.65	43	426175	92.982	ug/l 98
26) 2,2-Dichloropropane	4.56	77	133192	17.831	ug/l 98
27) cis-1,2-Dichloroethene	4.58	96	106770	17.632	ug/l 98
28) Bromochloromethane	5.00	49	76922	21.054	ug/l 99
29) Tetrahydrofuran	5.11	42	253040	98.705	ug/l 99
30) Chloroform	5.20	83	171009	18.750	ug/l 98
31) Cyclohexane	5.57	56	148390	17.342	ug/l 99
32) 1,1,1-Trichloroethane	5.48	97	137157	17.645	ug/l 99
36) 1,1-Dichloropropene	5.79	75	122706	17.663	ug/l 98
37) Ethyl Acetate	4.81	43	155304	20.244	ug/l 98
38) Carbon Tetrachloride	5.77	117	116920	18.474	ug/l 98

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 Misc : 5.0µl/10mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 06 02:29:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	150796	17.579	ug/l	100
40) Benzene	6.13	78	384646	17.995	ug/l	98
41) Methacrylonitrile	5.03	41	84349	19.816	ug/l	99
42) 1,2-Dichloroethane	6.18	62	135014	18.633	ug/l	99
43) Isopropyl Acetate	6.43	43	253136	19.938	ug/l	99
44) Trichloroethene	7.20	130	107512	18.210	ug/l	96
45) 1,2-Dichloropropane	7.50	63	103772	18.941	ug/l	99
46) Dibromomethane	7.65	93	66971	18.489	ug/l	99
47) Bromodichloromethane	7.89	83	131015	19.205	ug/l	98
48) Methyl methacrylate	7.76	41	120206	19.335	ug/l	98
49) 1,4-Dioxane	7.73	88	55607	439.523	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	782364	98.122	ug/l	100
52) Toluene	8.78	92	241033	17.840	ug/l	97
53) t-1,3-Dichloropropene	9.03	75	144255	19.284	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	159471	19.136	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	105331	19.452	ug/l	97
56) Ethyl methacrylate	9.17	69	166310	19.552	ug/l	98
57) 1,3-Dichloropropane	9.36	76	175742	19.290	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	322469	100.177	ug/l	100
59) 2-Hexanone	9.48	43	618363	96.339	ug/l	99
60) Dibromochloromethane	9.57	129	106066	19.706	ug/l	99
61) 1,2-Dibromoethane	9.67	107	107658	19.431	ug/l	100
64) Tetrachloroethene	9.33	164	114936	19.175	ug/l	97
65) Chlorobenzene	10.14	112	265549	18.437	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	100592	19.560	ug/l	99
67) Ethyl Benzene	10.25	91	459572	18.559	ug/l	99
68) m/p-Xylenes	10.36	106	349754	36.723	ug/l	99
69) o-Xylene	10.70	106	172667	18.485	ug/l	98
70) Styrene	10.71	104	291044	18.426	ug/l	99
71) Bromoform	10.85	173	80239	19.410	ug/l #	100
73) Isopropylbenzene	11.01	105	461035	19.167	ug/l	100
74) N-amyl acetate	10.89	43	211994	18.802	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	154970	18.583	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	181593	24.484	ug/l	91
77) Bromobenzene	11.25	156	119649	18.079	ug/l	97
78) n-propylbenzene	11.35	91	516052	19.127	ug/l	99
79) 2-Chlorotoluene	11.42	91	307763	18.765	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	379486	18.746	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	50925	19.380	ug/l	97
82) 4-Chlorotoluene	11.51	91	351492	18.476	ug/l	100
83) tert-Butylbenzene	11.76	119	364897	18.522	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	385040	18.993	ug/l	100
85) sec-Butylbenzene	11.94	105	442257	19.016	ug/l	100
86) p-Isopropyltoluene	12.06	119	406098	19.089	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	209069	18.025	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	214135	18.157	ug/l	99
89) n-Butylbenzene	12.39	91	337657	18.601	ug/l	99
90) Hexachloroethane	12.59	117	71541	18.722	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	213236	18.262	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	33330	18.061	ug/l	98

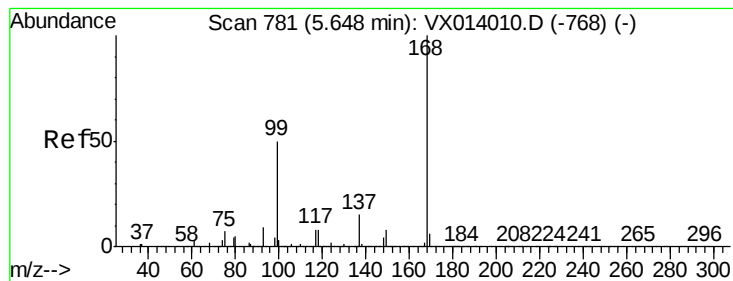
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010320\
Data File : VX014395.D
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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jan 06 02:29:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	140141	18.466	ug/l	99
94) Hexachlorobutadiene	13.78	225	68954	18.906	ug/l	94
95) Naphthalene	13.83	128	424978	19.060	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	144436	19.280	ug/l	99

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

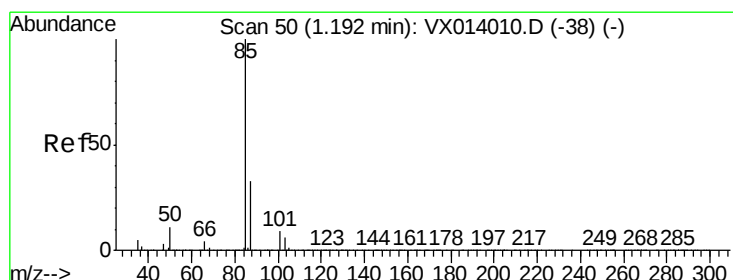
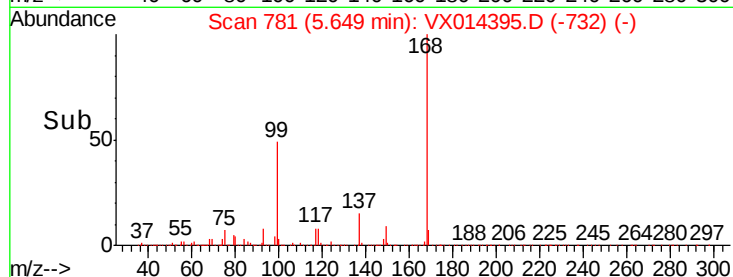
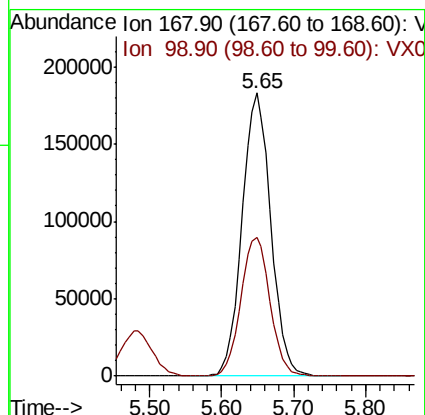
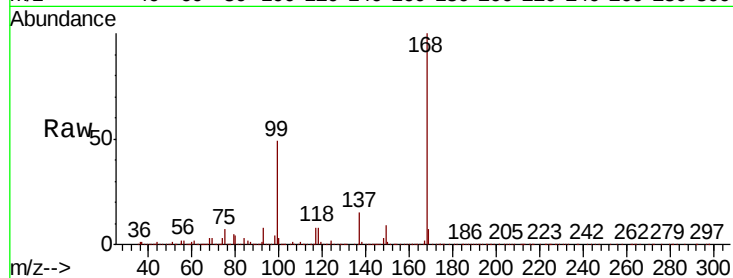


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: VX014395.D
 Acq: 03 Jan 2020 13:07

Instrument :
 MSVOA_X
 ClientSampled :

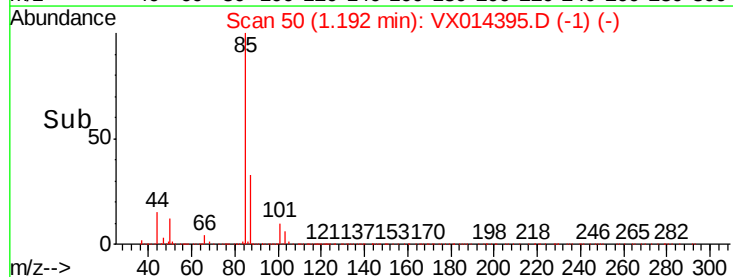
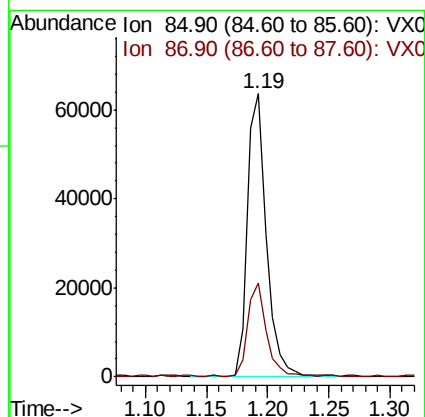
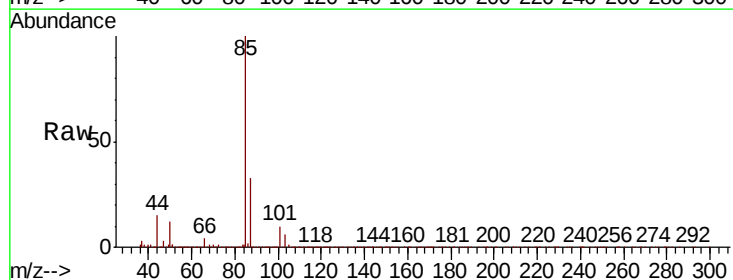
Tot Ion:168 Resp: 505253
 Ion Ratio Lower Upper
 168 100
 99 48.9 40.3 60.5

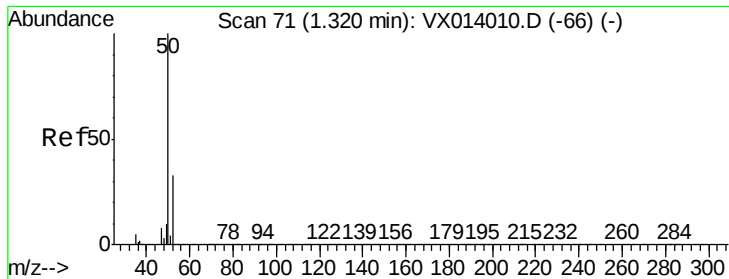


#2

Dichlorodifluoromethane
 Concen: 14.972 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014395.D
 Acq: 03 Jan 2020 13:07

Tgt Ion: 85 Resp: 67674
 Ion Ratio Lower Upper
 85 100
 87 32.9 16.4 49.2





#3

Chloromethane

Concen: 15.383 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014395.D

Acq: 03 Jan 2020 13:07

Instrument :

MSVOA_X

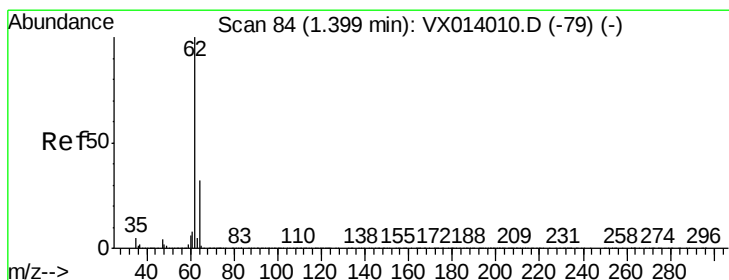
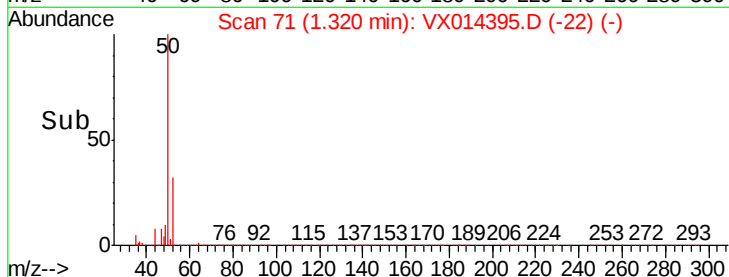
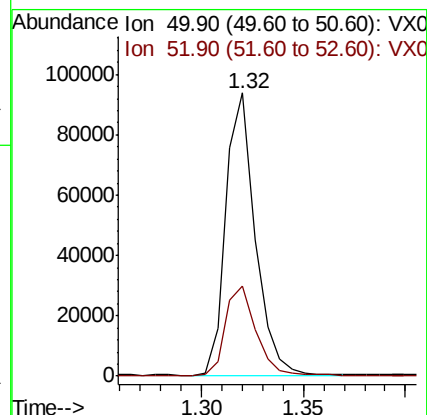
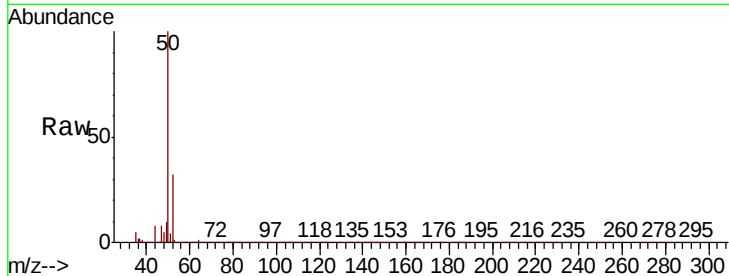
ClientSampleId :

Tot Ion: 50 Resp: 93314

Ion Ratio Lower Upper

50 100

52 32.1 26.2 39.4



#4

Vinyl Chloride

Concen: 15.563 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014395.D

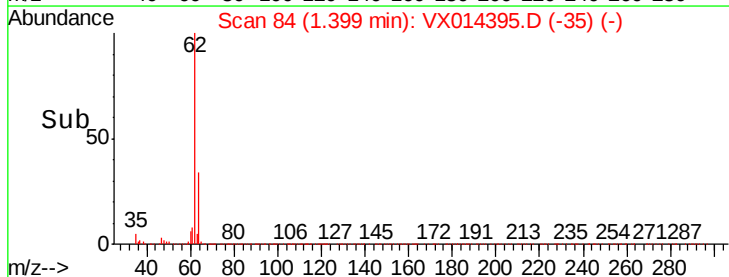
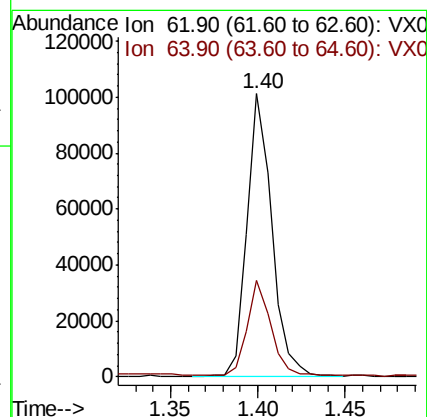
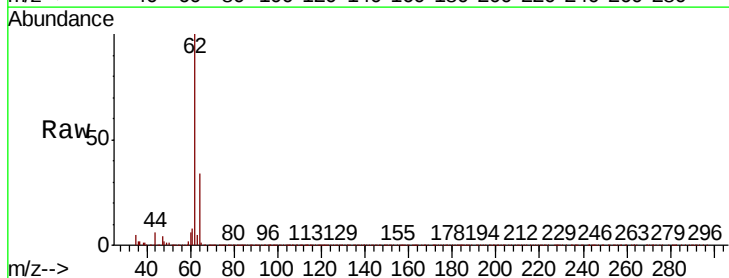
Acq: 03 Jan 2020 13:07

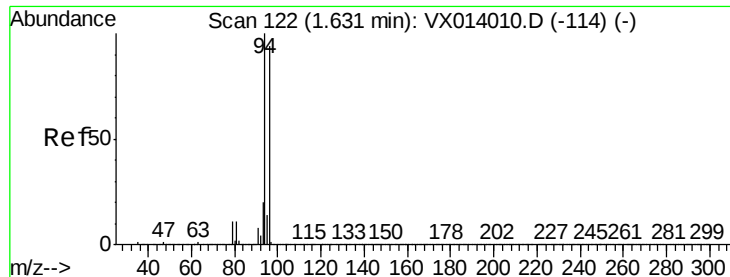
Tgt Ion: 62 Resp: 99617

Ion Ratio Lower Upper

62 100

64 33.6 25.7 38.5





#5

Bromomethane

Concen: 16.136 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014395.D

Acq: 03 Jan 2020 13:07

Instrument :

MSVOA_X

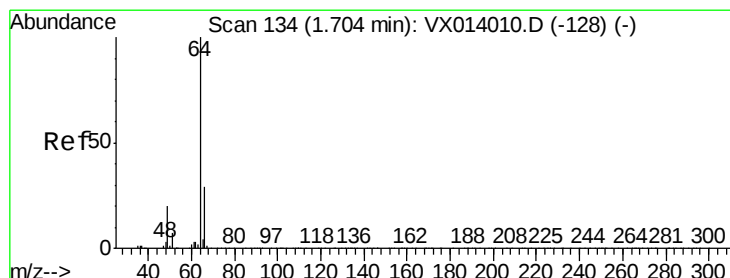
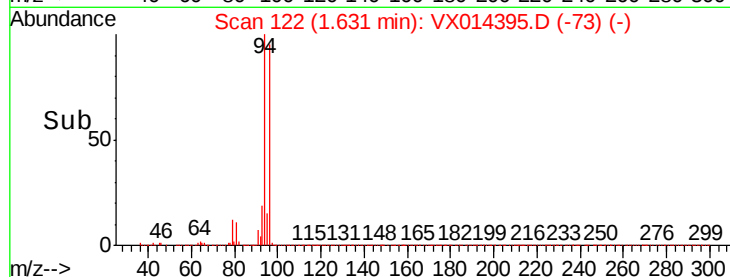
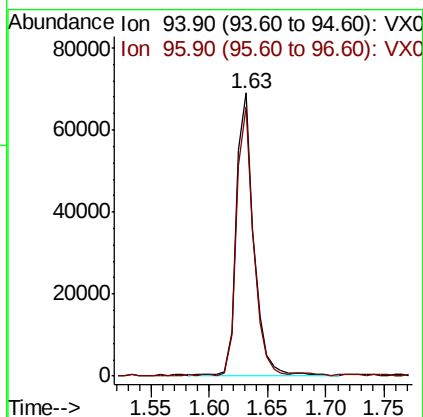
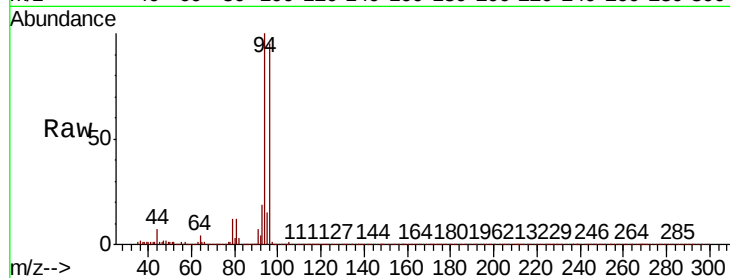
ClientSampleId :

Tot Ion: 94 Resp: 73307

Ion Ratio Lower Upper

94 100

96 94.7 75.2 112.8



#6

Chloroethane

Concen: 17.601 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014395.D

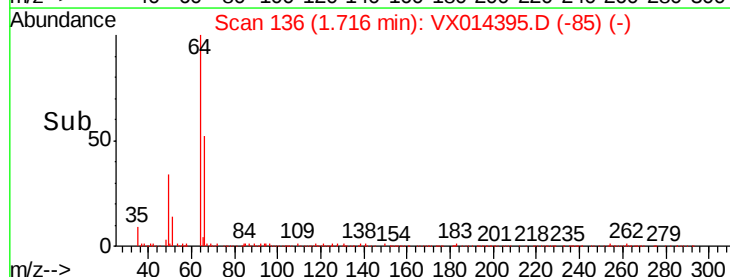
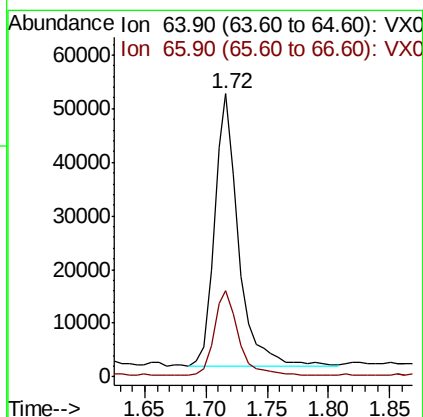
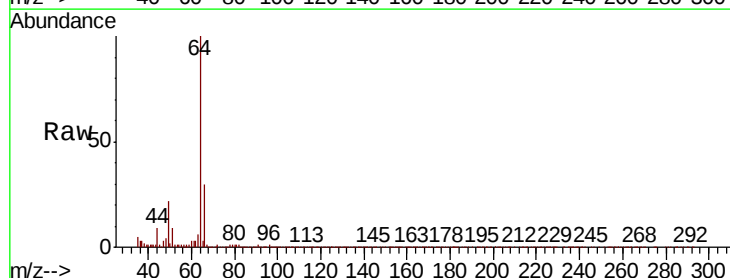
Acq: 03 Jan 2020 13:07

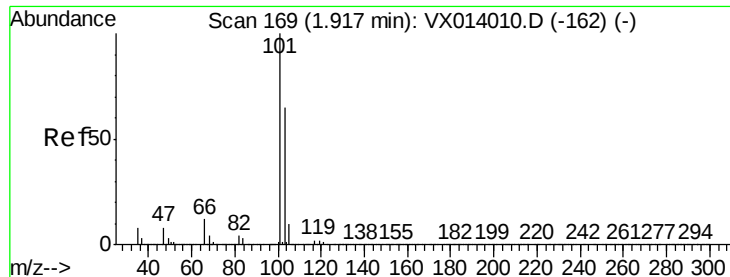
Tgt Ion: 64 Resp: 69531

Ion Ratio Lower Upper

64 100

66 30.9 23.4 35.2



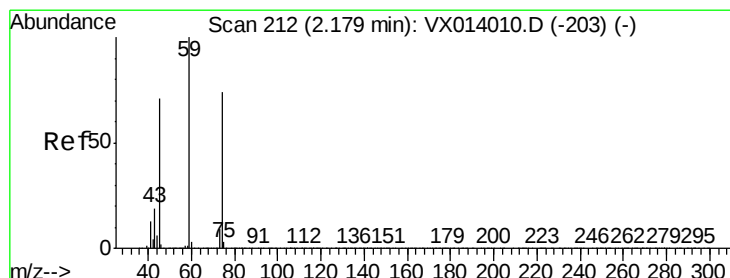
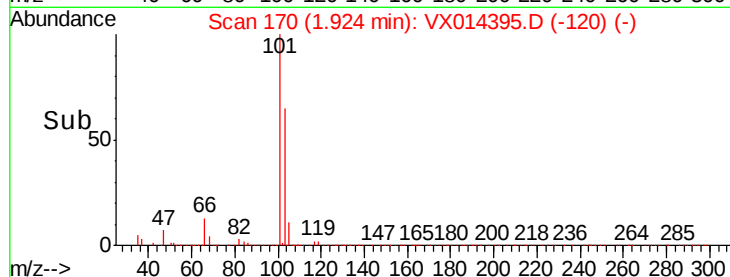
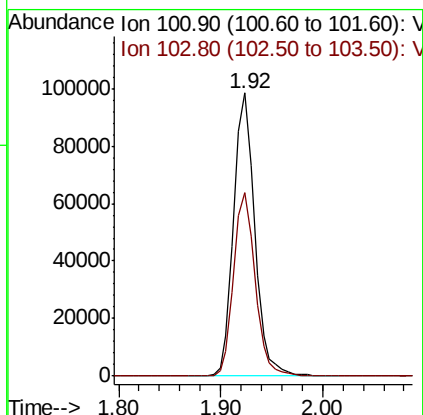
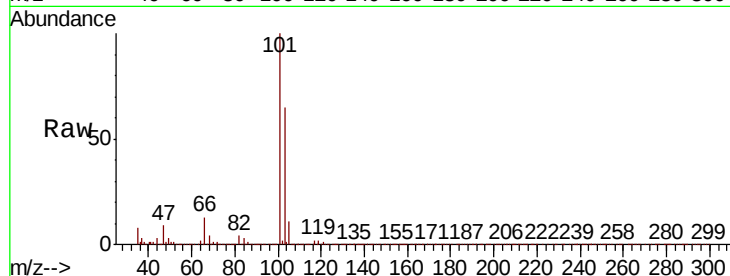


#7

Trichlorofluoromethane
Concen: 17.780 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014395.D
Acq: 03 Jan 2020 13:07

Instrument :
MSVOA_X
ClientSampleId :

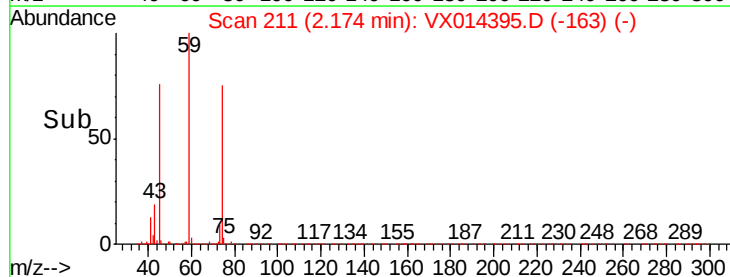
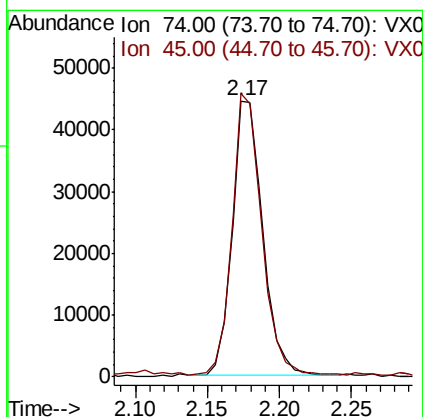
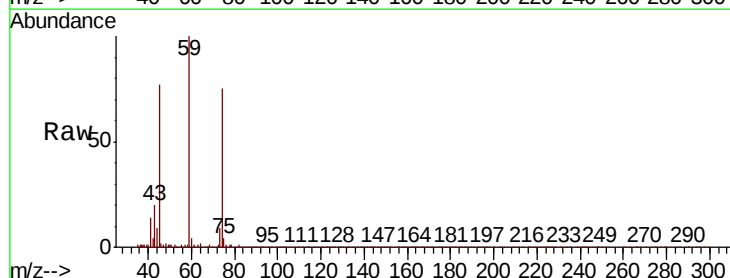
Tot Ion:101 Resp: 140881
Ion Ratio Lower Upper
101 100
103 65.0 52.2 78.4

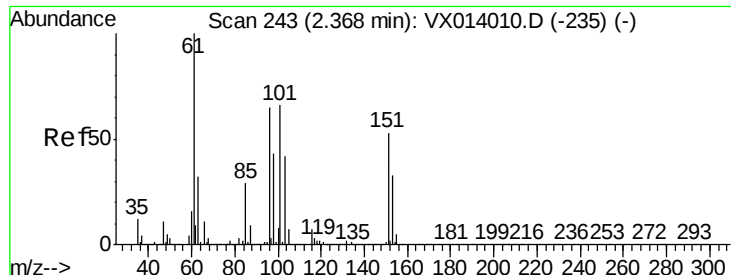


#8

Diethyl Ether
Concen: 17.699 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX014395.D
Acq: 03 Jan 2020 13:07

Tgt Ion: 74 Resp: 65817
Ion Ratio Lower Upper
74 100
45 99.9 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.879 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014395.D

Acq: 03 Jan 2020 13:07

Instrument :

MSVOA_X

ClientSampleId :

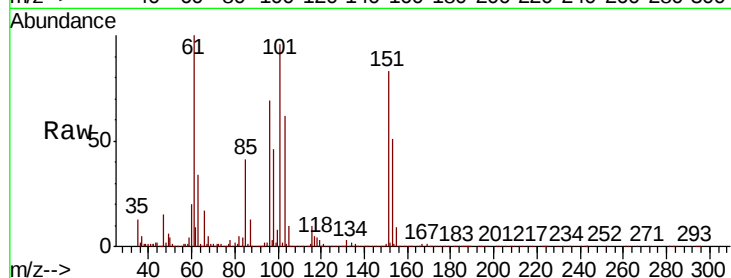
Tot Ion:101 Resp: 85396

Ion Ratio Lower Upper

101 100

85 41.9 33.7 50.5

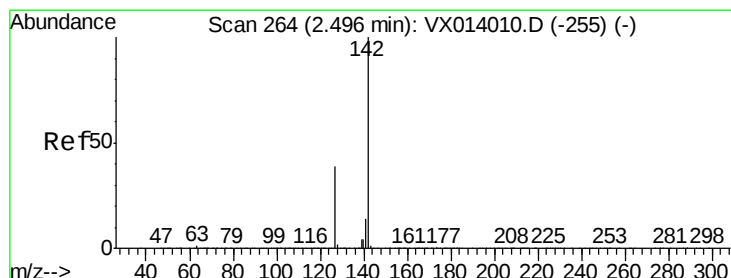
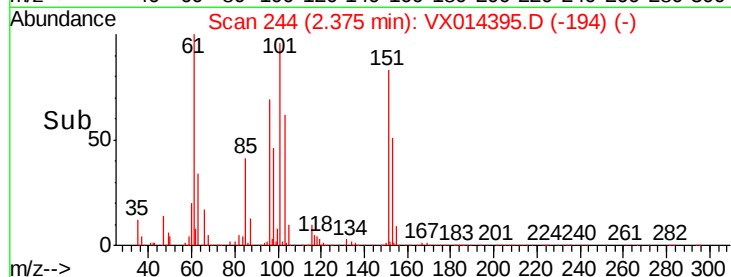
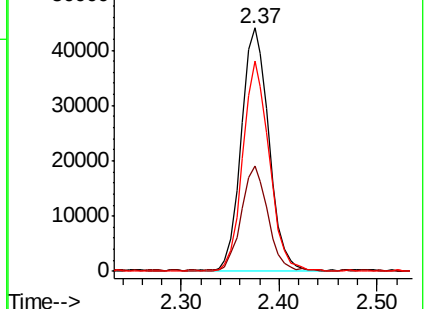
151 84.0 64.5 96.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.087 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014395.D

Acq: 03 Jan 2020 13:07

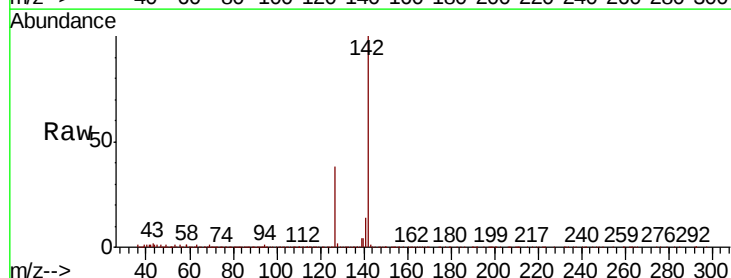
Tgt Ion:142 Resp: 89516

Ion Ratio Lower Upper

142 100

127 37.6 31.6 47.4

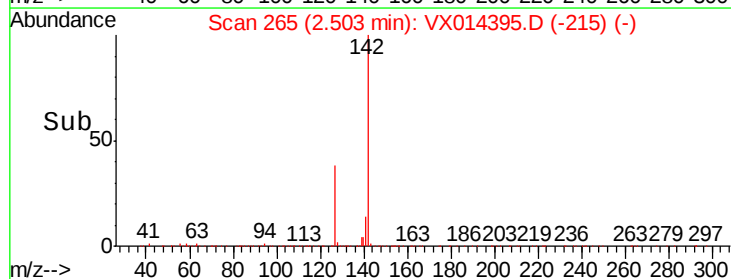
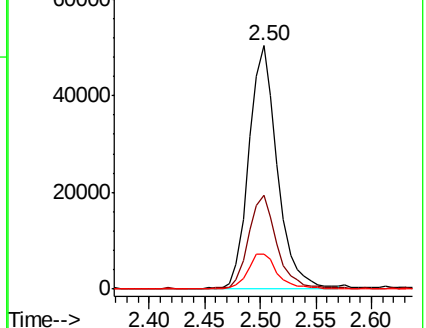
141 15.3 11.6 17.4

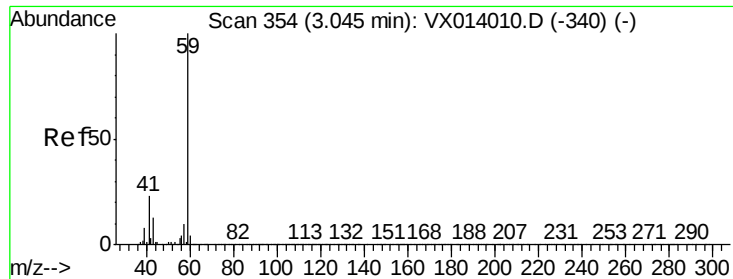


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



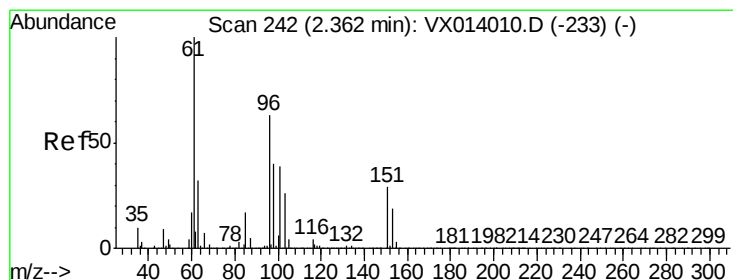
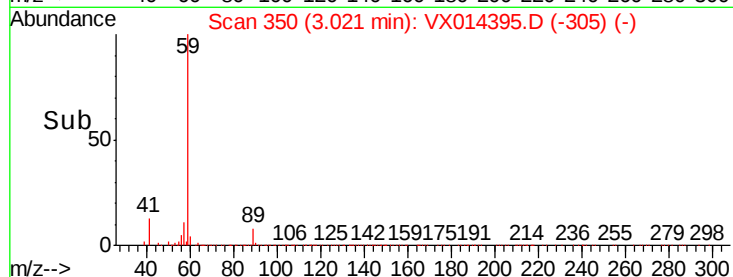
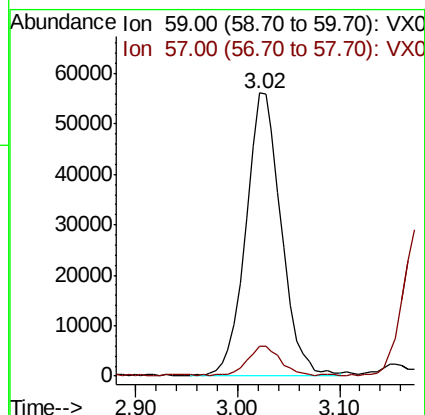
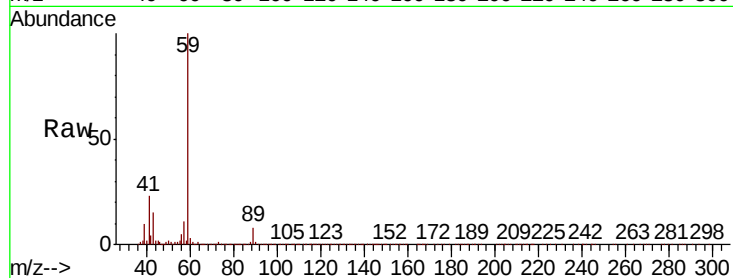


#11

Tert butyl alcohol
Concen: 108.900 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX014395.D
Acq: 03 Jan 2020 13:07

Instrument :
MSVOA_X
ClientSampleId :

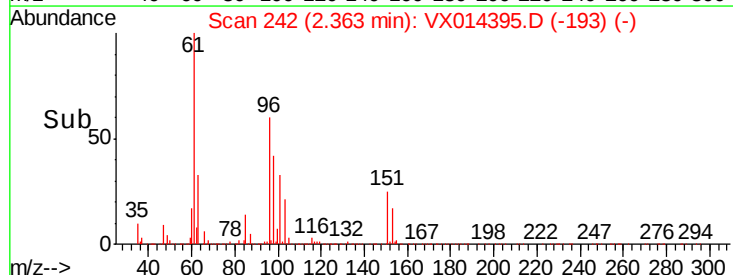
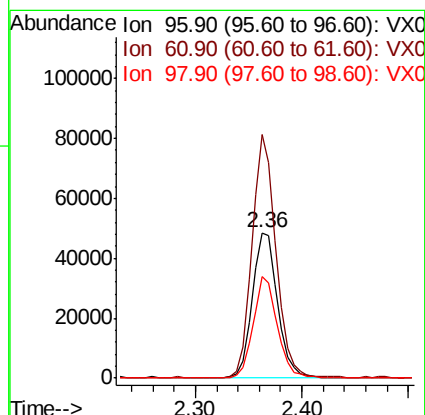
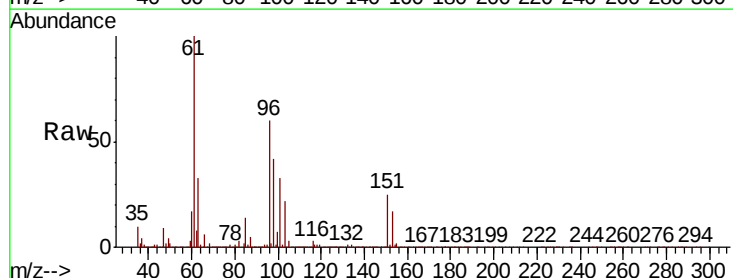
Tot Ion: 59 Resp: 134746
Ion Ratio Lower Upper
59 100
57 9.3 8.4 12.6



#12

1,1-Dichloroethene
Concen: 16.569 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX014395.D
Acq: 03 Jan 2020 13:07

Tgt Ion: 96 Resp: 80528
Ion Ratio Lower Upper
96 100
61 167.4 127.9 191.9
98 70.1 50.5 75.7

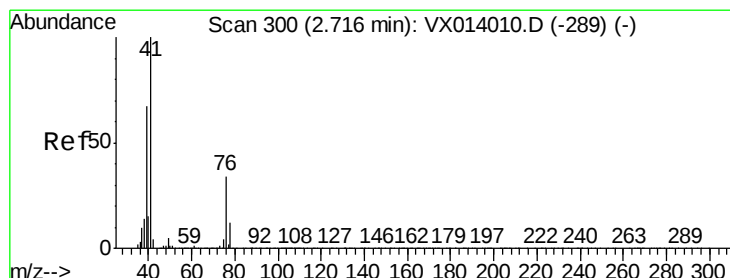
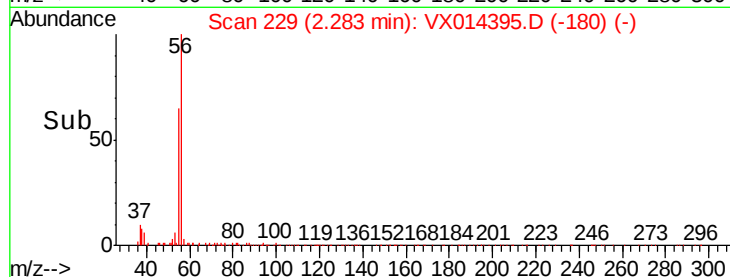
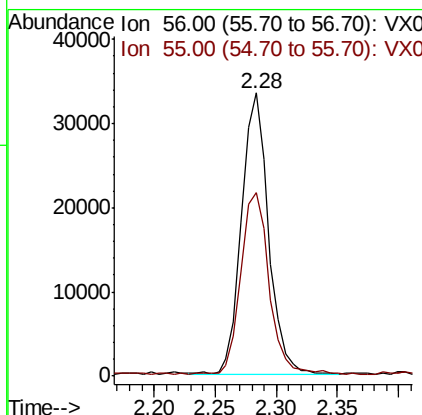
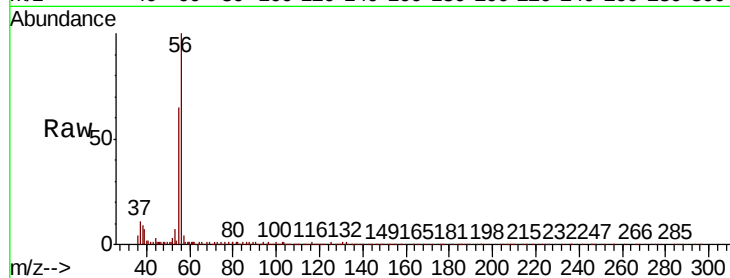




#13
Acrolein
Concen: 72.020 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014395.D
Acq: 03 Jan 2020 13:07

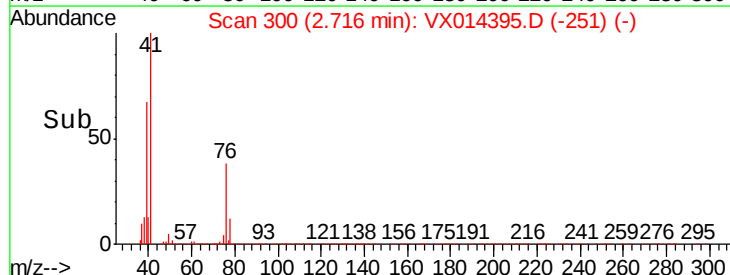
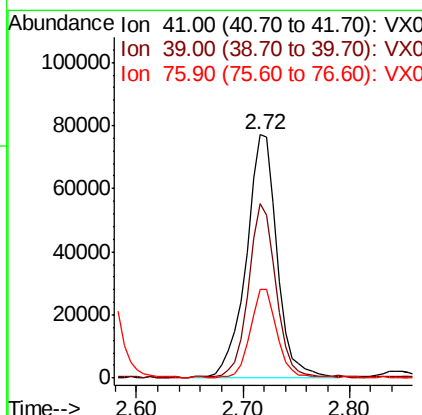
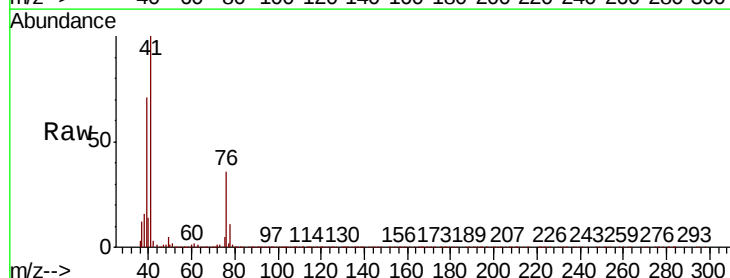
Instrument :
MSVOA_X
ClientSampleId :

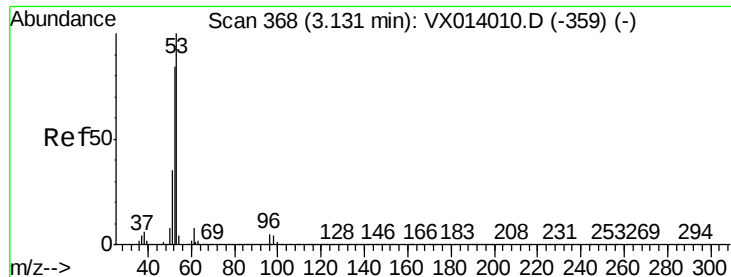
Tot Ion: 56 Resp: 51011
Ion Ratio Lower Upper
56 100
55 67.9 56.9 85.3



#14
Allyl chloride
Concen: 18.180 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX014395.D
Acq: 03 Jan 2020 13:07

Tgt Ion: 41 Resp: 157766
Ion Ratio Lower Upper
41 100
39 62.9 51.8 77.8
76 31.0 25.9 38.9





#15

Acrylonitrile

Concen: 99.061 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014395.D

Acq: 03 Jan 2020 13:07

Instrument :

MSVOA_X

ClientSampleId :

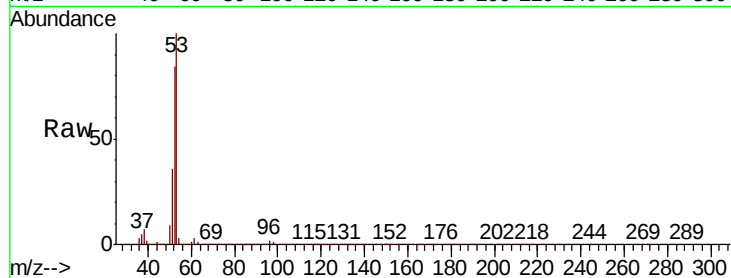
Tot Ion: 53 Resp: 286089

Ion Ratio Lower Upper

53 100

52 81.6 66.5 99.7

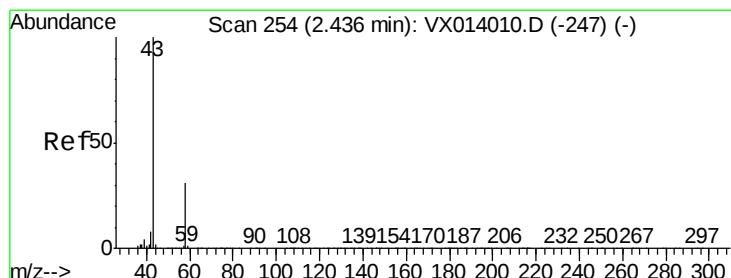
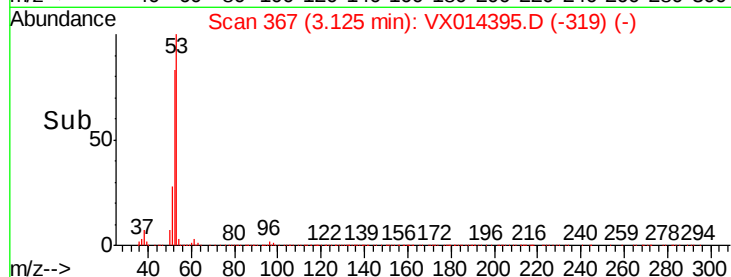
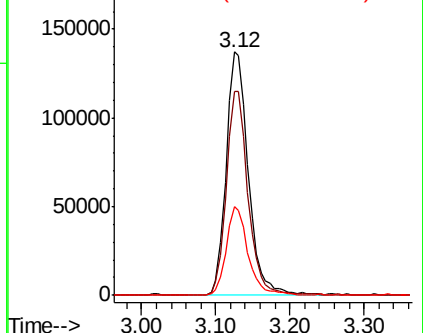
51 35.4 28.1 42.1



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



#16

Acetone

Concen: 82.482 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014395.D

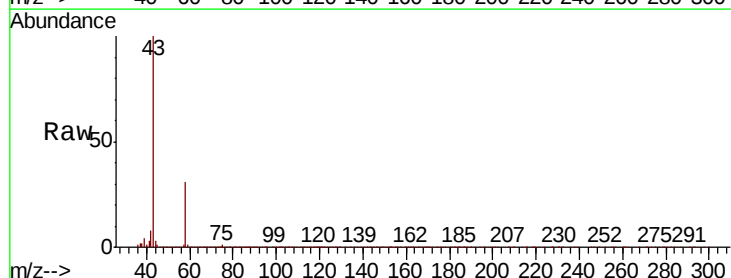
Acq: 03 Jan 2020 13:07

Tgt Ion: 43 Resp: 306637

Ion Ratio Lower Upper

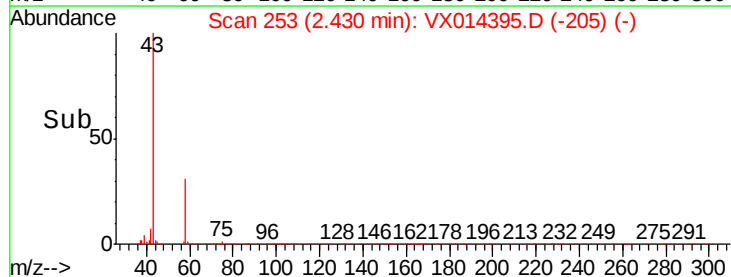
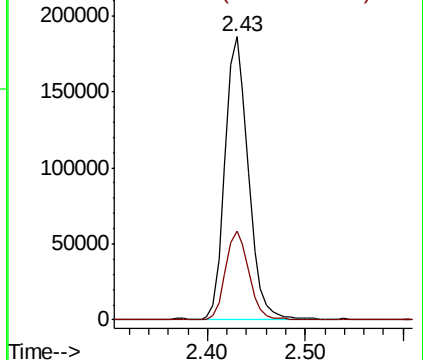
43 100

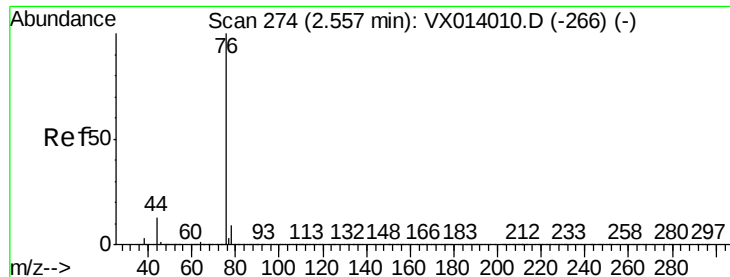
58 31.2 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 14.904 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014395.D

Acq: 03 Jan 2020 13:07

Instrument :

MSVOA_X

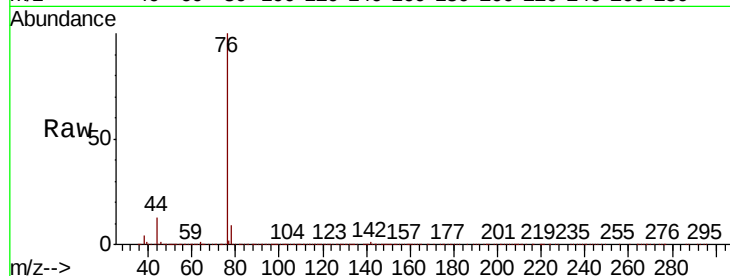
ClientSampleId :

Tot Ion: 76 Resp: 193880

Ion Ratio Lower Upper

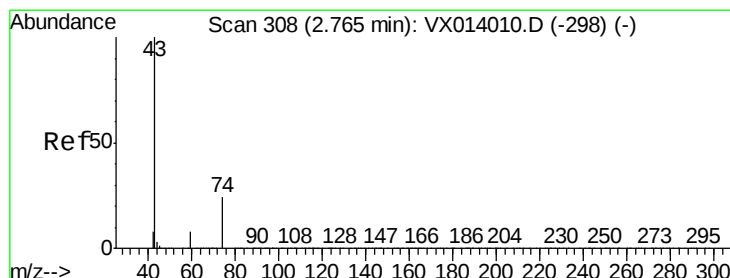
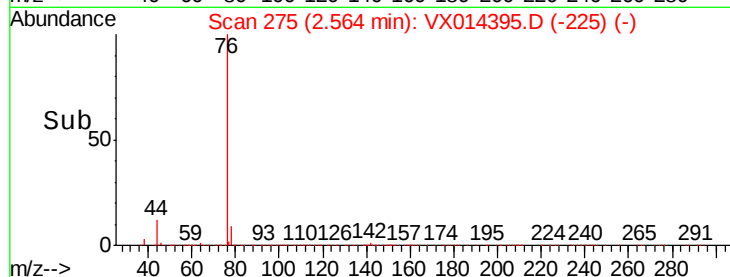
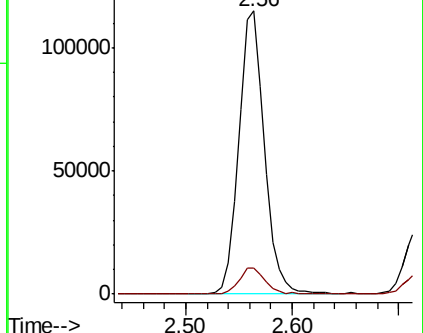
76 100

78 9.3 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.983 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014395.D

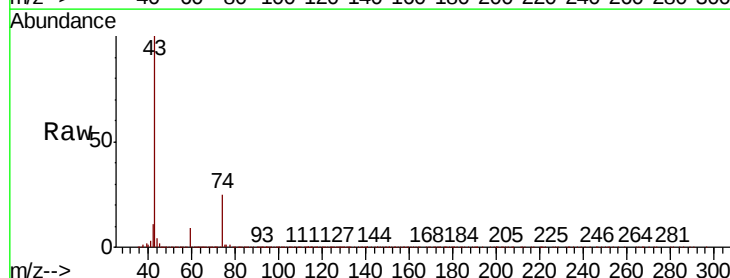
Acq: 03 Jan 2020 13:07

Tgt Ion: 43 Resp: 147205

Ion Ratio Lower Upper

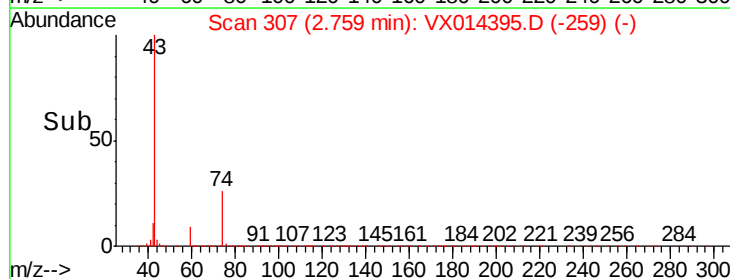
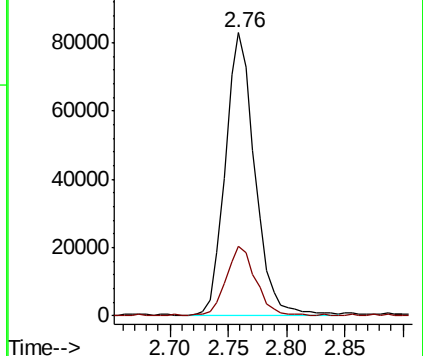
43 100

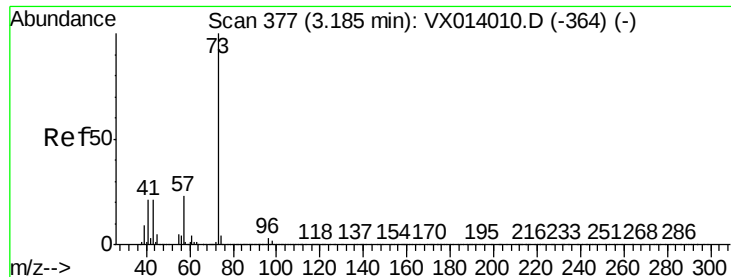
74 24.3 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

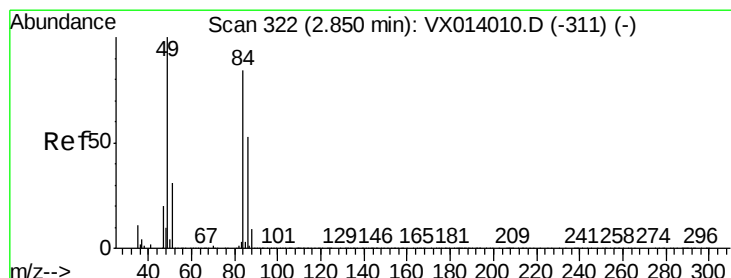
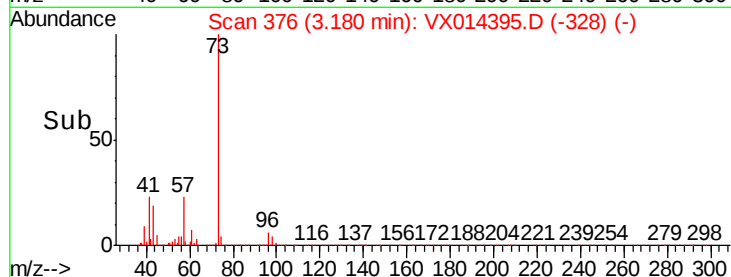
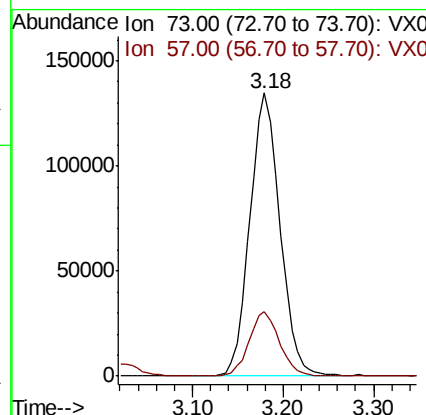
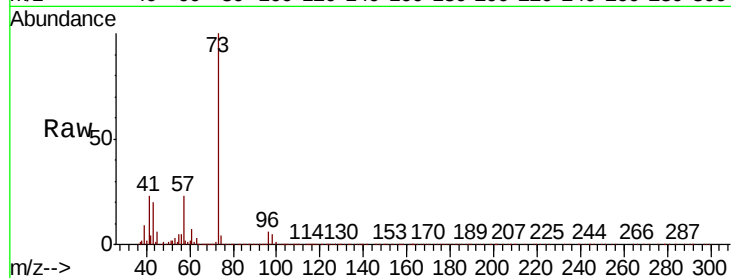




#19
Methvl tert-butvl Ether
Concen: 19.340 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014395.D
Acq: 03 Jan 2020 13:07

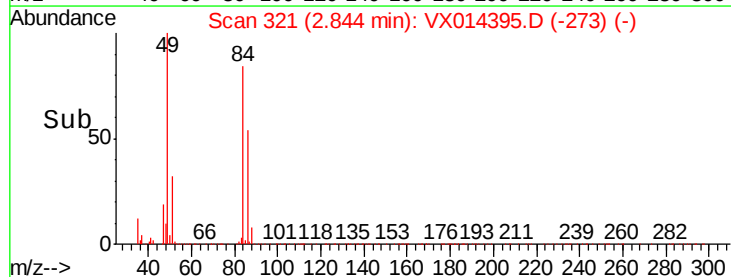
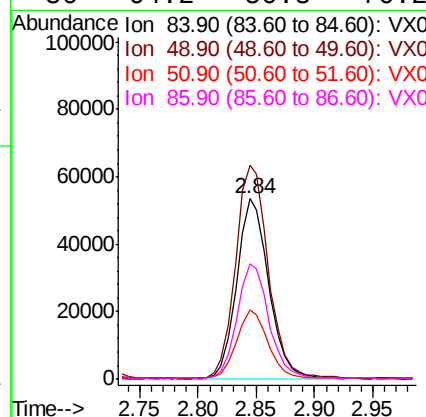
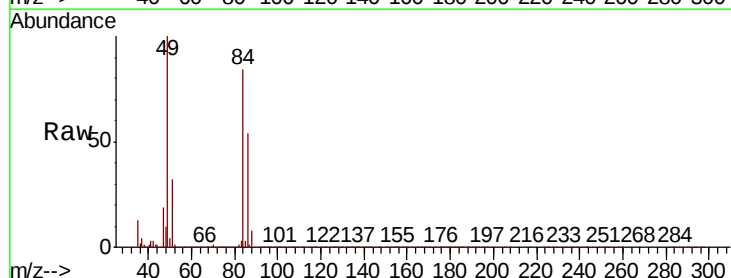
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 73 Resp: 308881
Ion Ratio Lower Upper
73 100
57 22.8 18.8 28.2



#20
Methylene Chloride
Concen: 17.401 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014395.D
Acq: 03 Jan 2020 13:07

Tgt Ion: 84 Resp: 101867
Ion Ratio Lower Upper
84 100
49 118.3 95.8 143.6
51 37.8 29.8 44.8
86 64.2 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 16.437 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014395.D

Acq: 03 Jan 2020 13:07

Instrument :
MSVOA_X
ClientSampleId :

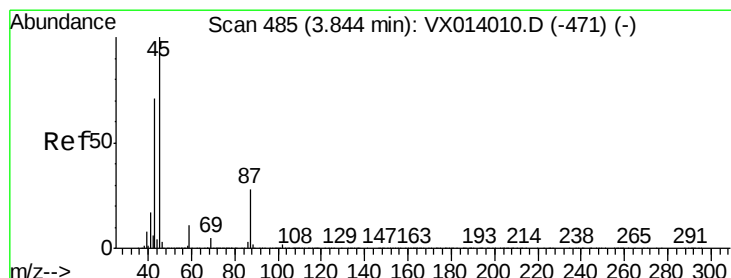
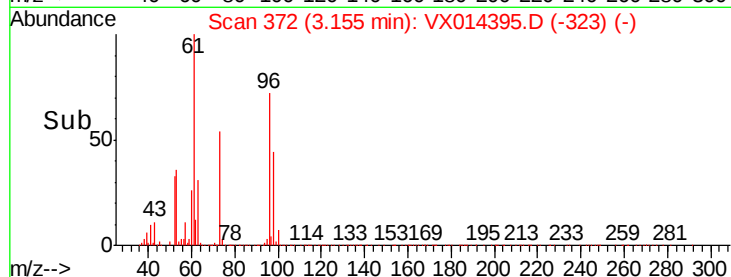
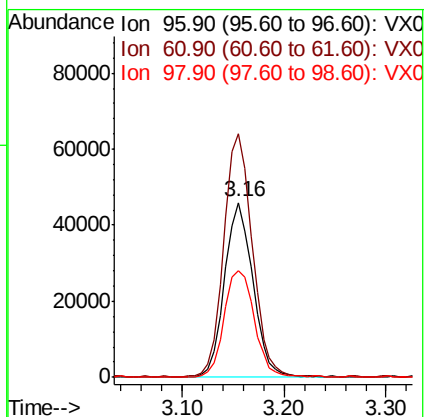
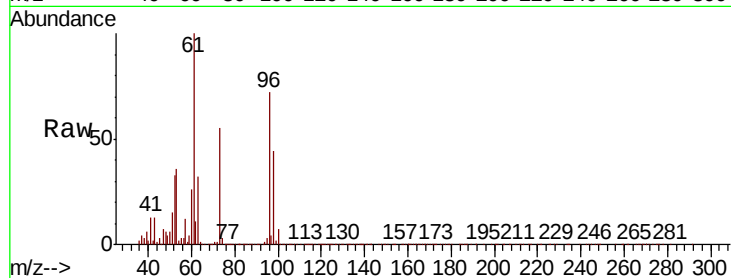
Tot Ion: 96 Resp: 88011

Ion Ratio Lower Upper

96 100

61 138.8 108.3 162.5

98 60.6 50.8 76.2



#22

Diisopropyl ether

Concen: 19.103 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014395.D

Acq: 03 Jan 2020 13:07

Tgt Ion: 45 Resp: 330342

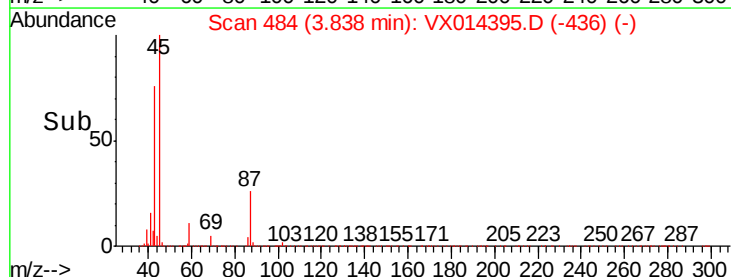
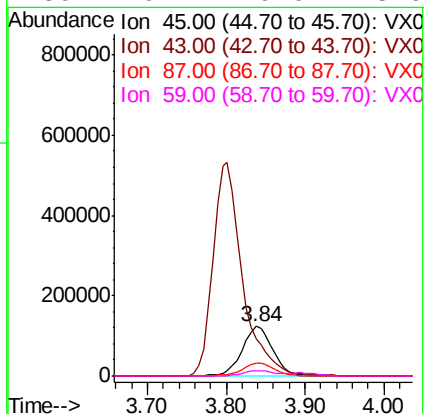
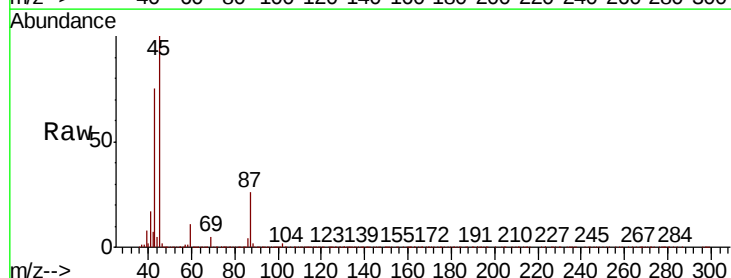
Ion Ratio Lower Upper

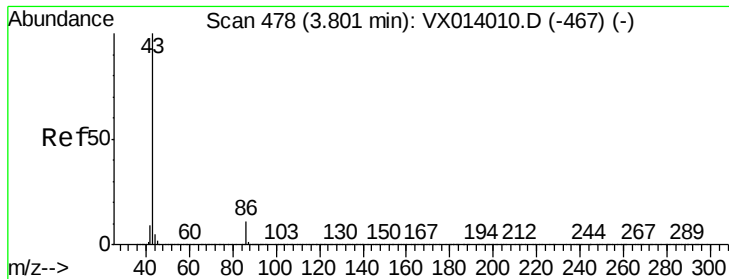
45 100

43 74.3 57.4 86.0

87 26.3 21.9 32.9

59 10.7 9.0 13.6





#23

Vinyl Acetate

Concen: 97.886 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014395.D

Acq: 03 Jan 2020 13:07

Instrument :

MSVOA_X

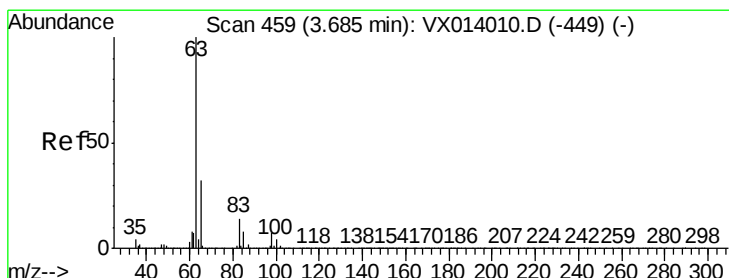
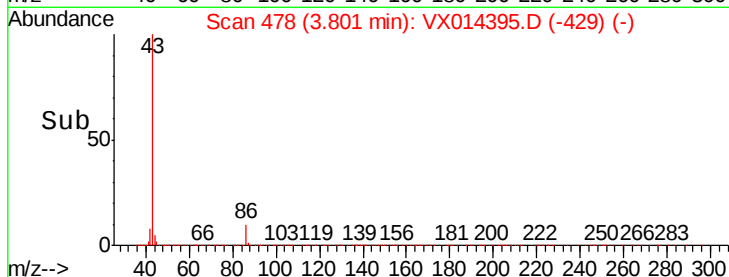
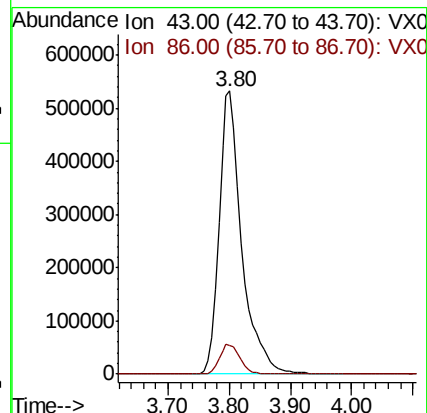
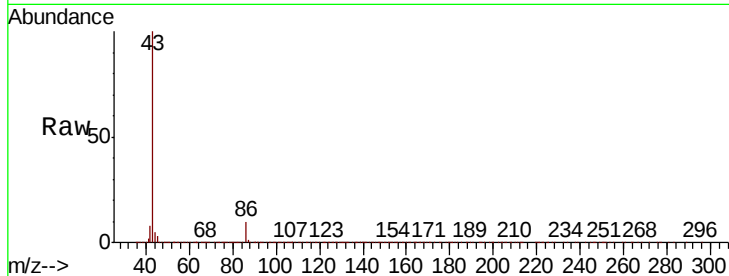
ClientSampleId :

Tot Ion: 43 Resp: 1381345

Ion Ratio Lower Upper

43 100

86 10.1 8.6 12.8



#24

1,1-Dichloroethane

Concen: 17.605 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014395.D

Acq: 03 Jan 2020 13:07

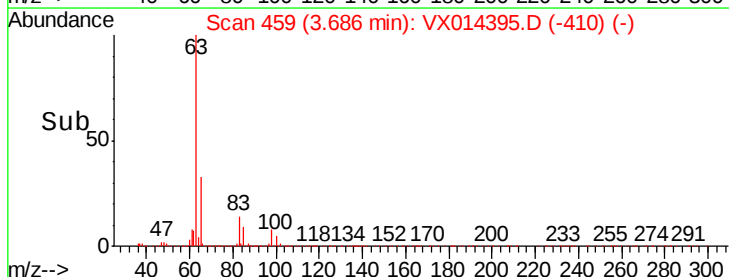
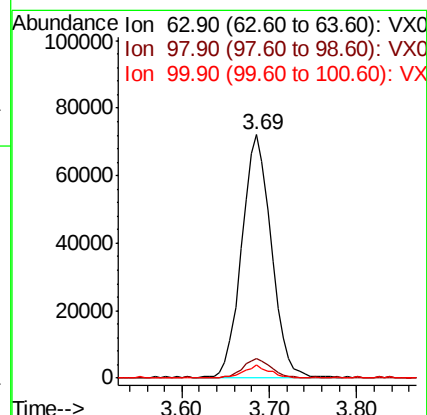
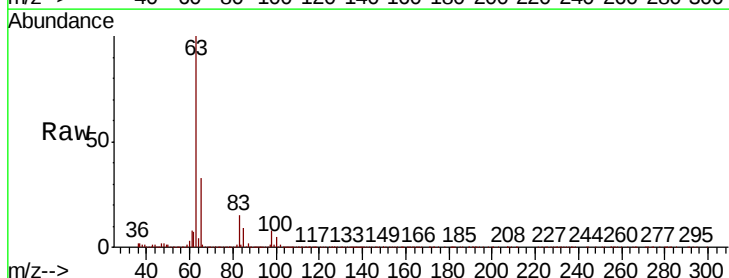
Tgt Ion: 63 Resp: 169374

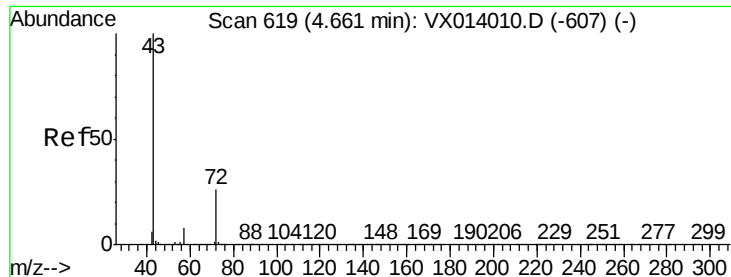
Ion Ratio Lower Upper

63 100

98 7.8 3.6 10.8

100 5.2 2.3 6.8





#25

2-Butanone

Concen: 92.982 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014395.D

Acq: 03 Jan 2020 13:07

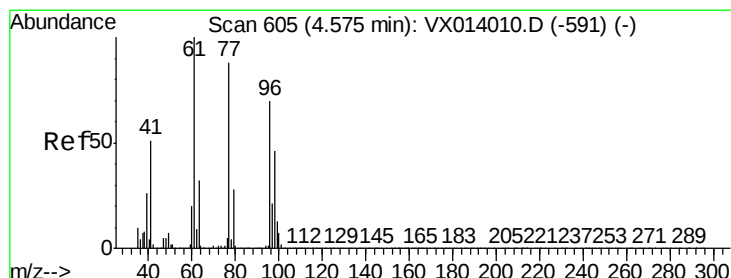
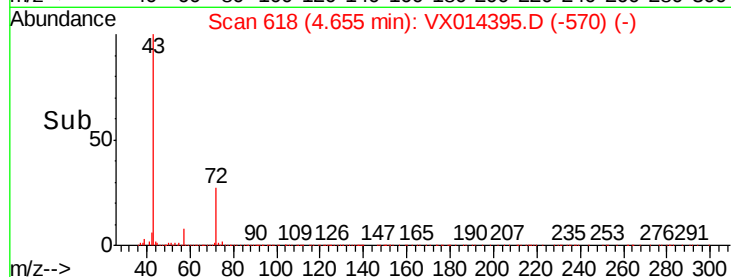
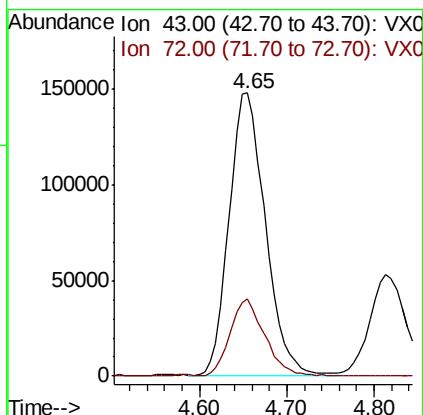
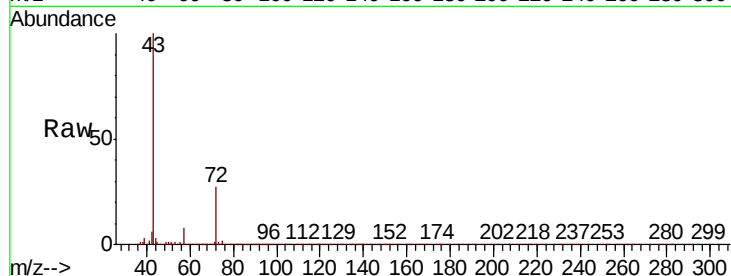
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 426175

Ion Ratio Lower Upper

43 100

72 27.2 21.0 31.4



#26

2,2-Dichloropropane

Concen: 17.831 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX014395.D

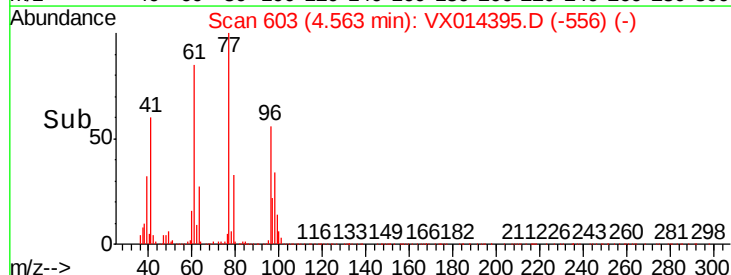
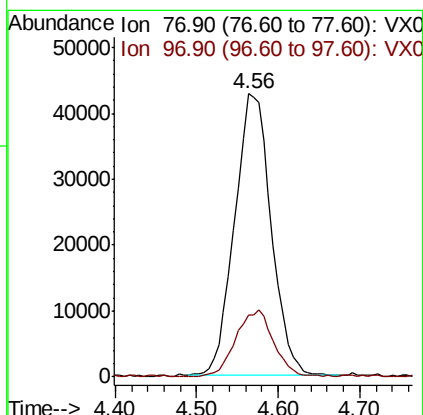
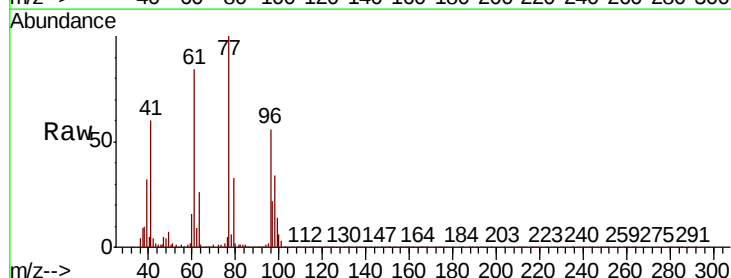
Acq: 03 Jan 2020 13:07

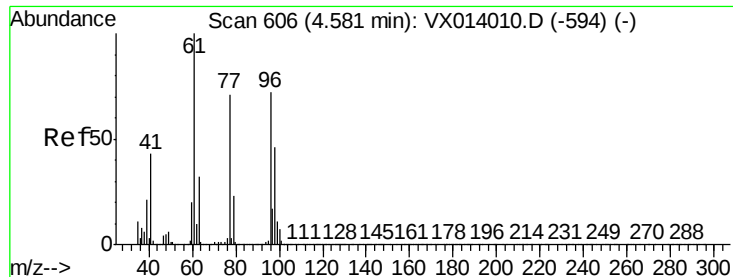
Tgt Ion: 77 Resp: 133192

Ion Ratio Lower Upper

77 100

97 24.6 11.9 35.9



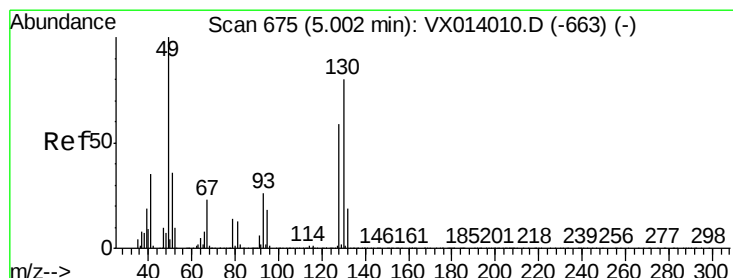
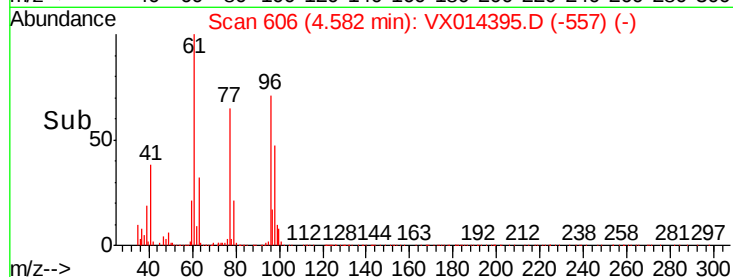
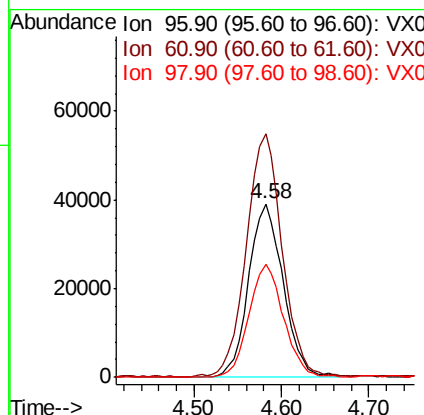
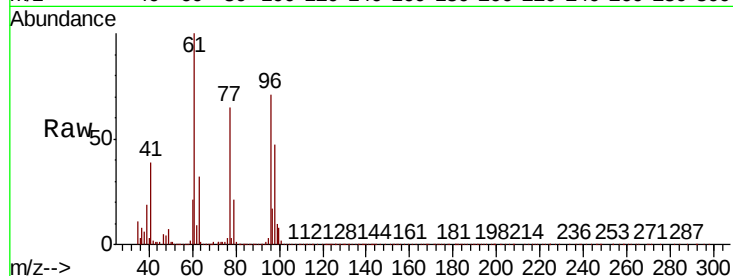


#27

cis-1,2-Dichloroethene
Concen: 17.632 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014395.D
Acq: 03 Jan 2020 13:07

Instrument :
MSVOA_X
ClientSampleId :

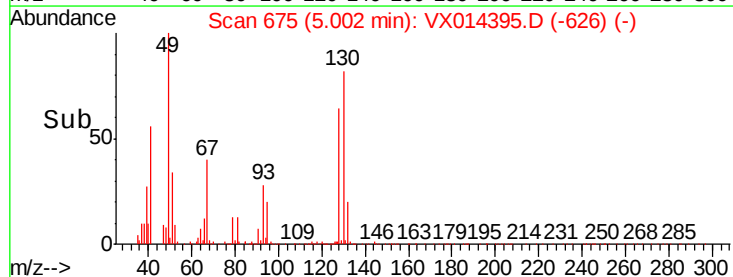
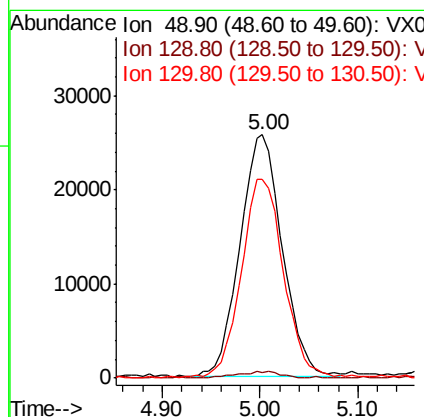
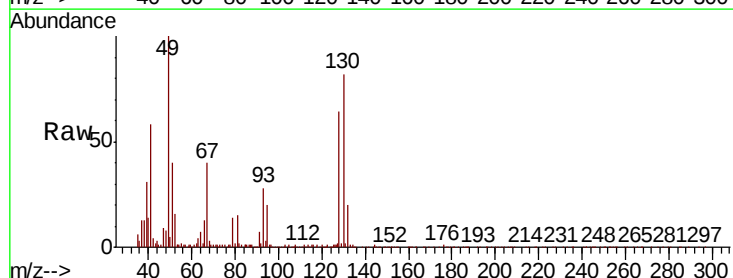
Tot Ion	Ratio	Lower	Upper
96	100		
61	146.1	0.0	288.4
98	66.5	0.0	129.6

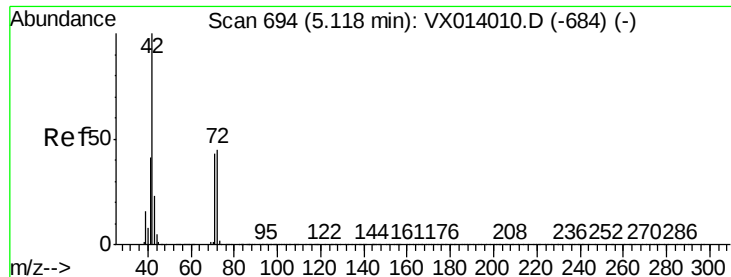


#28

Bromochloromethane
Concen: 21.054 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014395.D
Acq: 03 Jan 2020 13:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.0
130	81.7	64.6	97.0

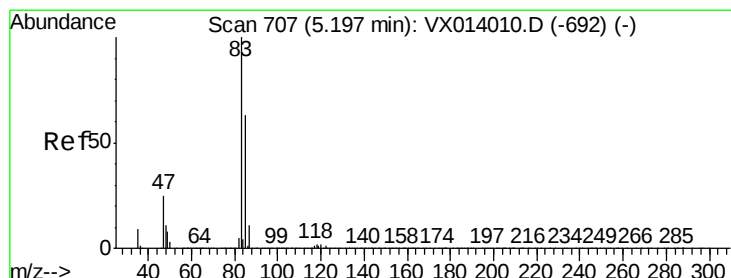
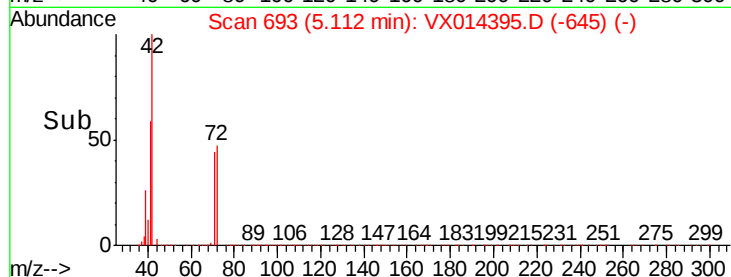
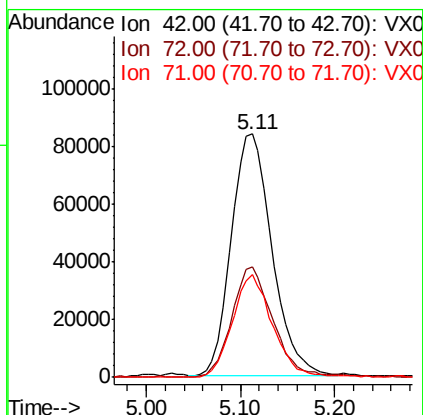
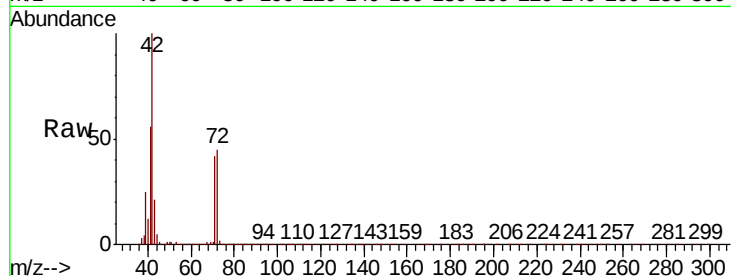




#29
Tetrahydrofuran
Concen: 98.705 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014395.D
Acq: 03 Jan 2020 13:07

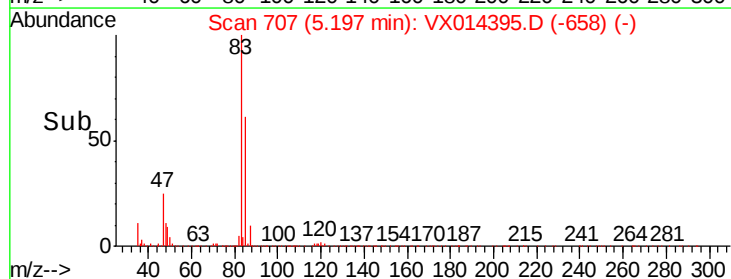
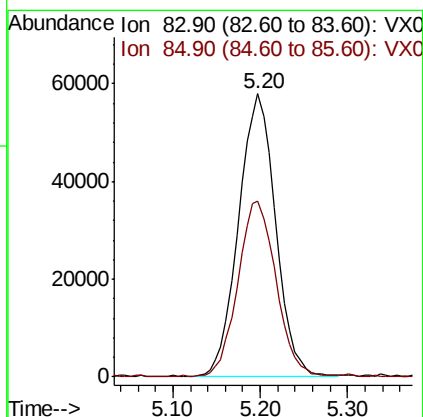
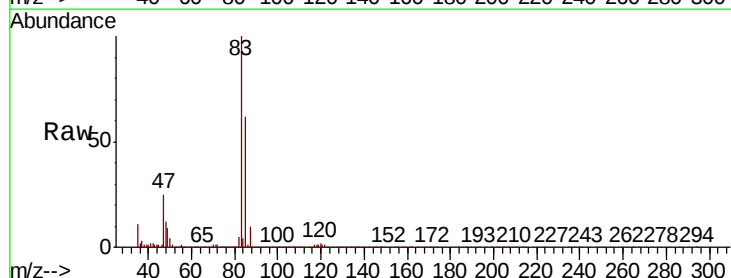
Instrument :
MSVOA_X
ClientSampled :

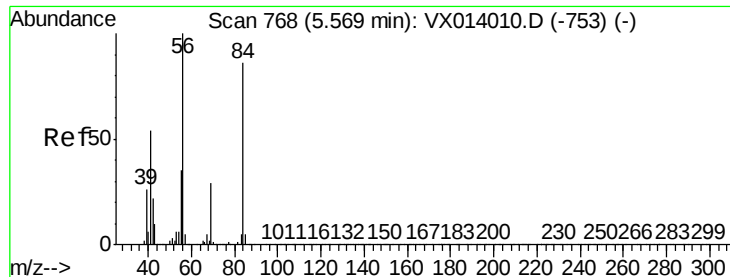
Tot Ion	Ratio	Lower	Upper
42	100		
72	45.6	35.8	53.8
71	41.8	33.6	50.4



#30
Chloroform
Concen: 18.750 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014395.D
Acq: 03 Jan 2020 13:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.8	50.8	76.2

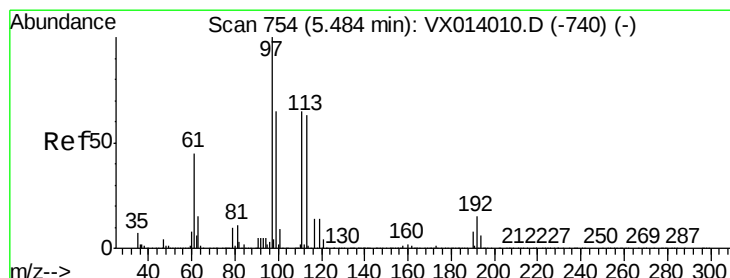
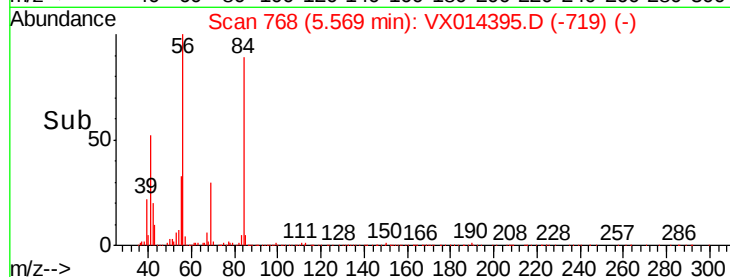
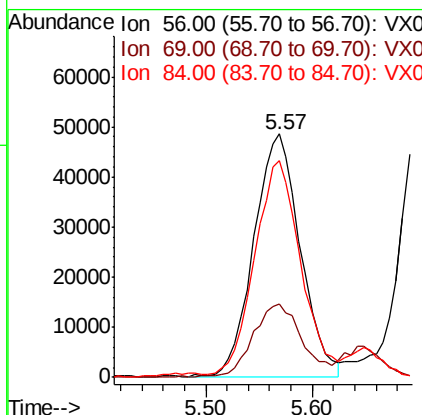
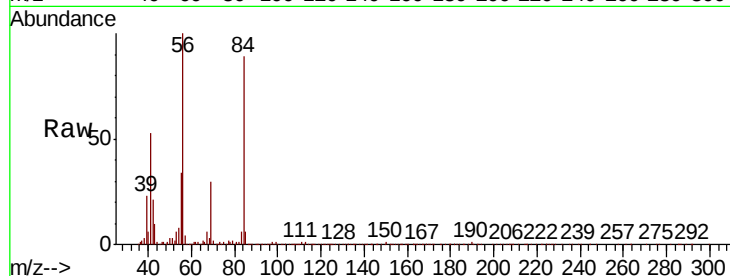




#31
Cyclohexane
Concen: 17.342 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014395.D
Acq: 03 Jan 2020 13:07

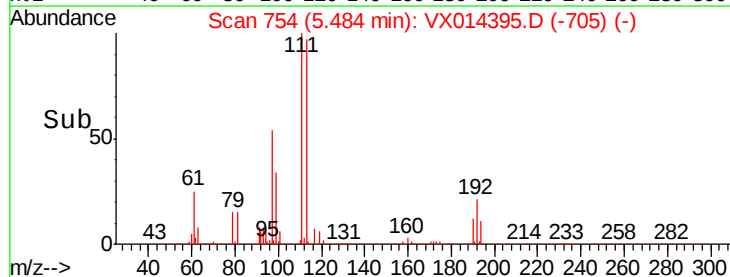
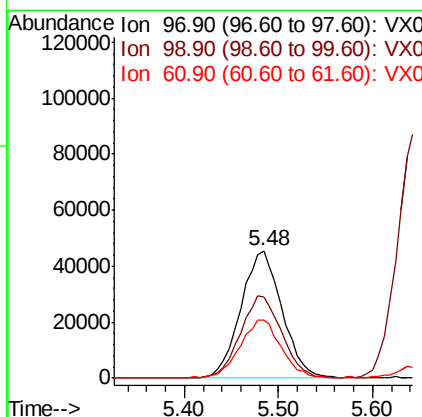
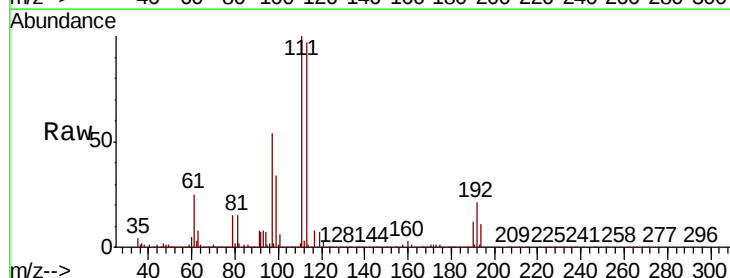
Instrument :
MSVOA_X
ClientSampleId :

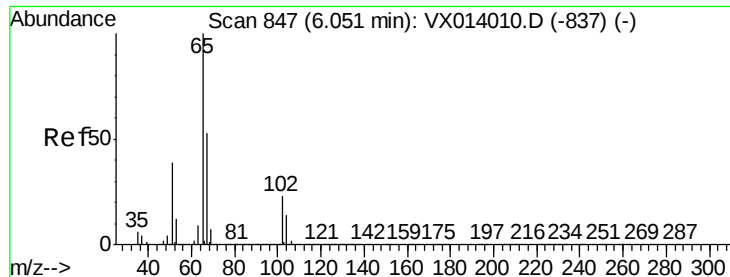
Tot Ion: 56 Resp: 148390
Ion Ratio Lower Upper
56 100
69 30.2 23.2 34.8
84 87.6 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 17.645 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014395.D
Acq: 03 Jan 2020 13:07

Tgt Ion: 97 Resp: 137157
Ion Ratio Lower Upper
97 100
99 65.5 52.0 78.0
61 46.3 36.7 55.1





#33

1,2-Dichloroethane-d4

Concen: 49.376 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014395.D

Acq: 03 Jan 2020 13:07

Instrument :

MSVOA_X

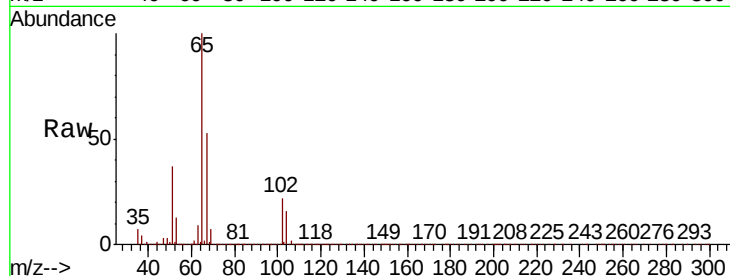
ClientSampleId :

Tot Ion: 65 Resp: 282742

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

120000

100000

80000

60000

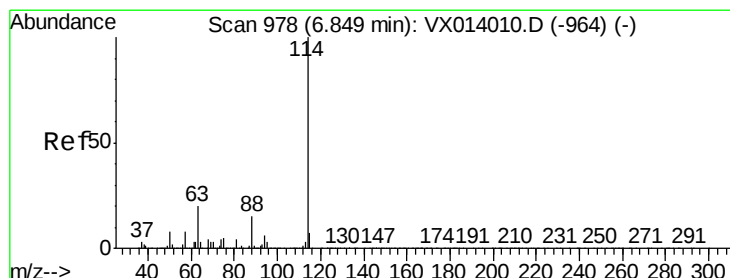
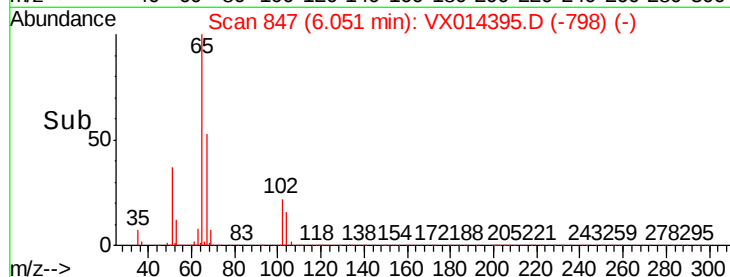
40000

20000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014395.D

Acq: 03 Jan 2020 13:07

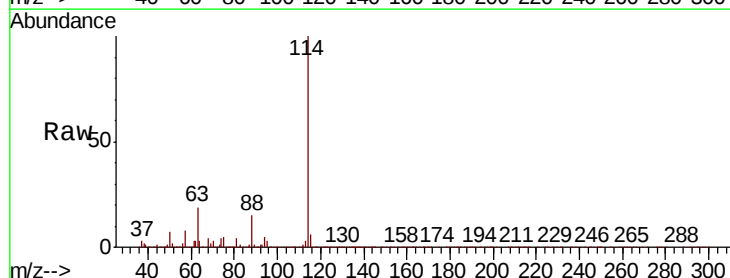
Tgt Ion: 114 Resp: 757136

Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.8

88 15.3 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

400000

300000

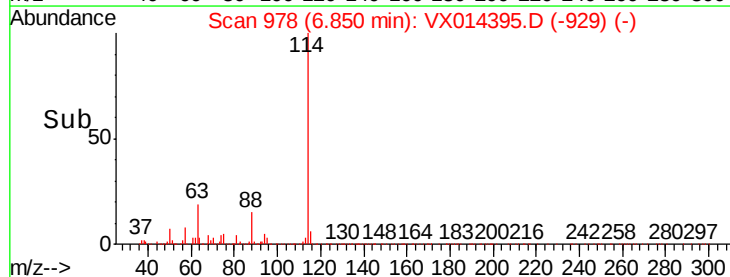
200000

100000

0

Time-->

6.70 6.80 6.90 7.00

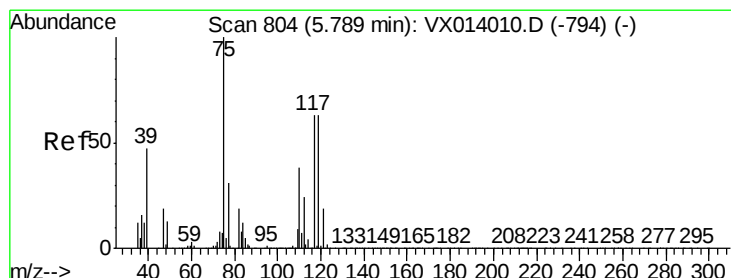
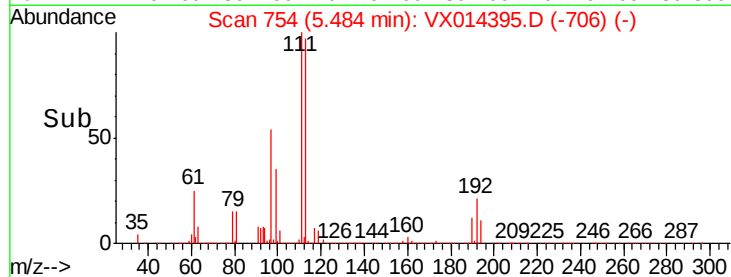
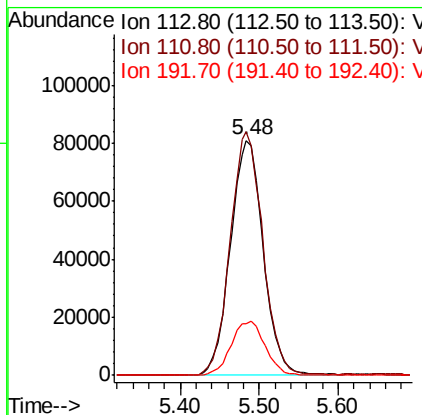
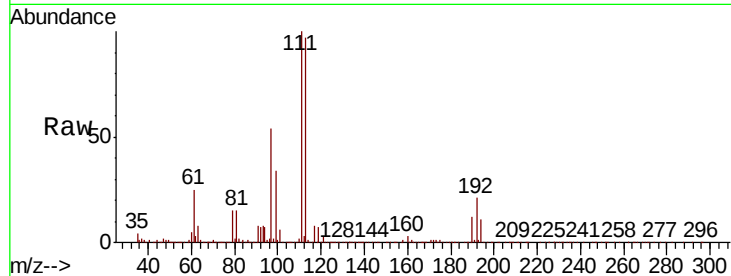




#35
 Dibromofluoromethane
 Concen: 50.606 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX014395.D
 Acq: 03 Jan 2020 13:07

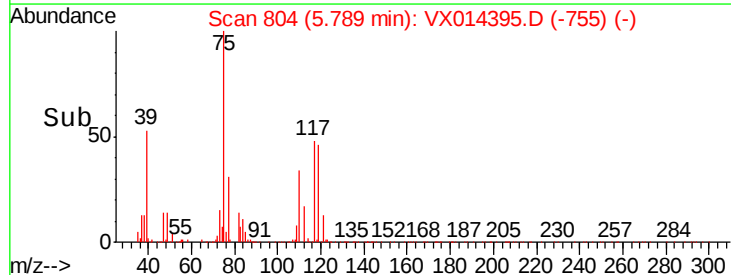
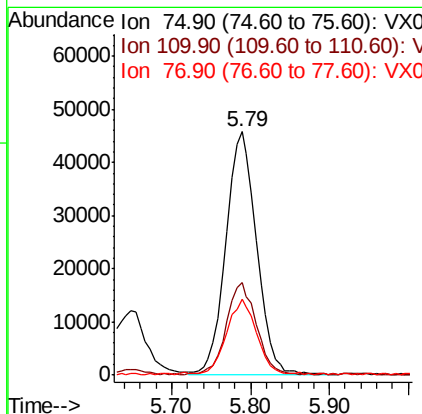
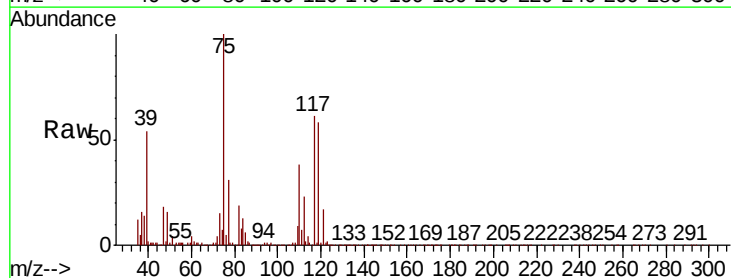
Instrument :
 MSVOA_X
 ClientSampleId :

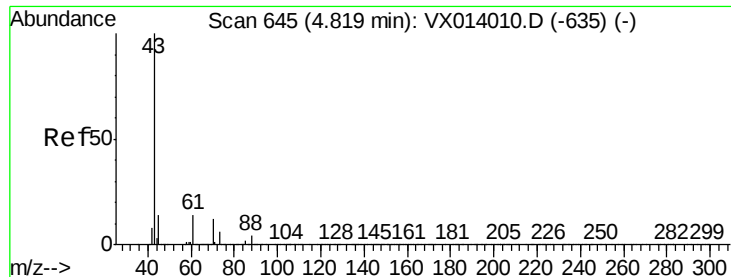
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.0	123.0
192	23.9	19.3	28.9



#36
 1,1-Dichloropropene
 Concen: 17.663 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX014395.D
 Acq: 03 Jan 2020 13:07

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.0	18.3	54.9
77	29.7	24.8	37.2

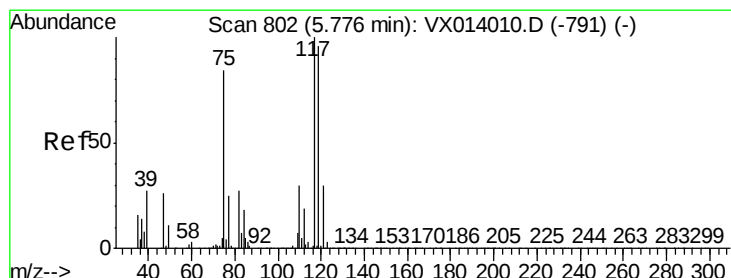
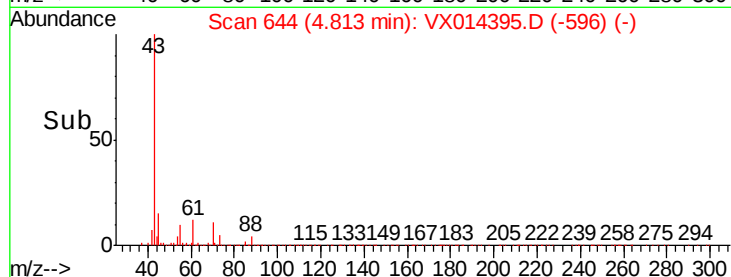
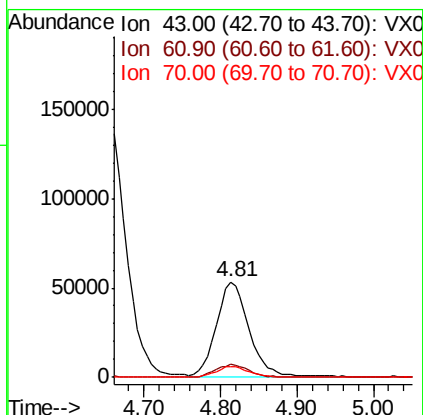
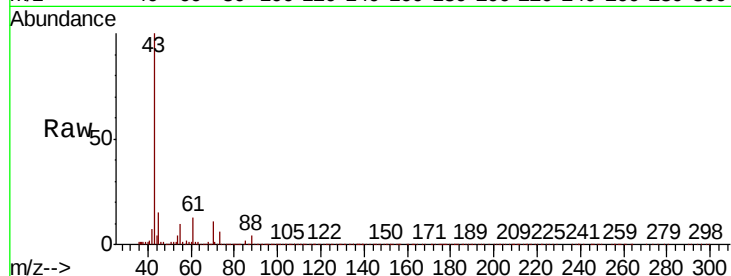




#37
Ethyl Acetate
Concen: 20.244 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014395.D
Acq: 03 Jan 2020 13:07

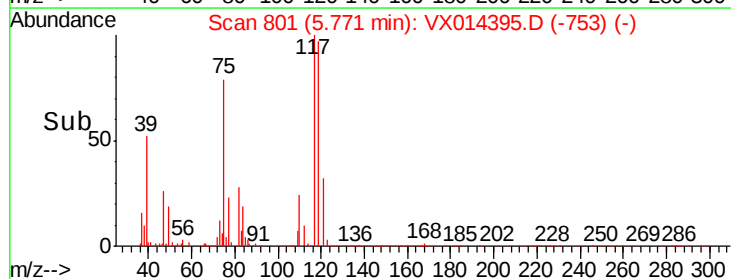
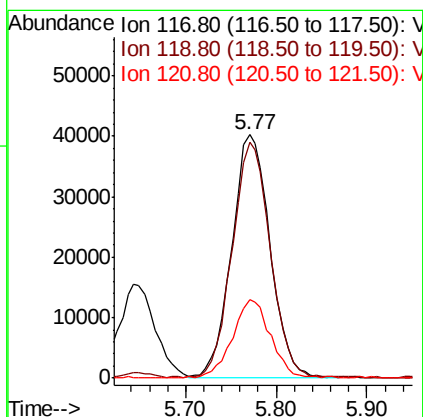
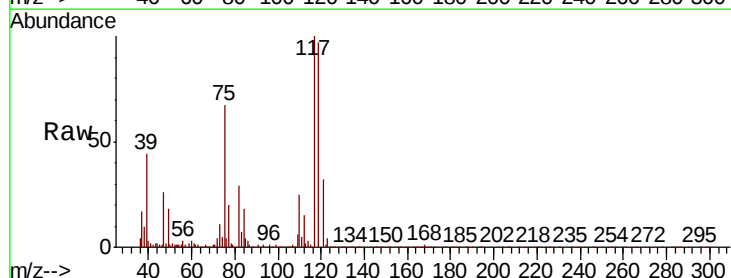
Instrument :
MSVOA_X
ClientSampleId :

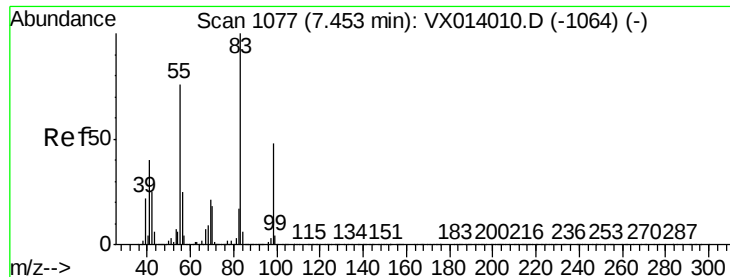
Tot Ion: 43 Resp: 155304
Ion Ratio Lower Upper
43 100
61 13.0 10.8 16.2
70 12.1 8.6 12.8



#38
Carbon Tetrachloride
Concen: 18.474 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014395.D
Acq: 03 Jan 2020 13:07

Tgt Ion: 117 Resp: 116920
Ion Ratio Lower Upper
117 100
119 96.6 76.2 114.4
121 31.9 23.6 35.4

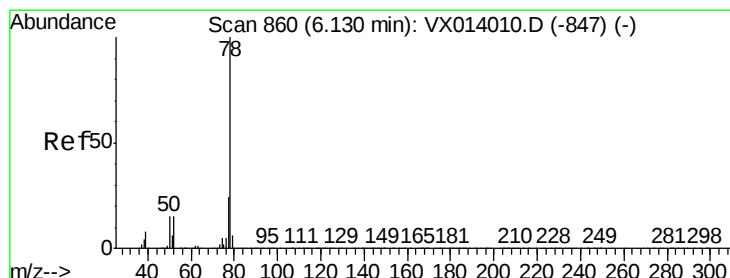
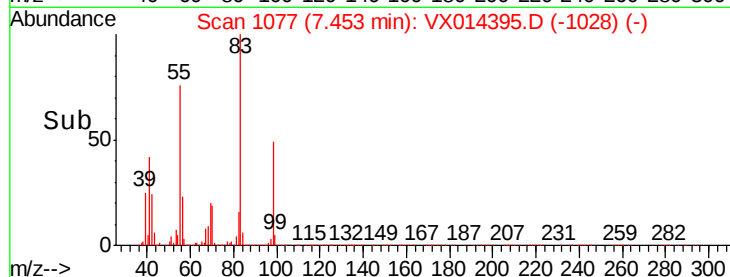
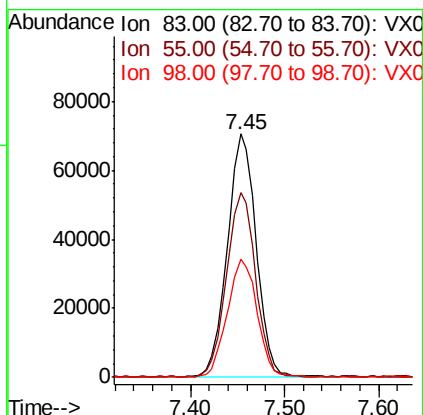
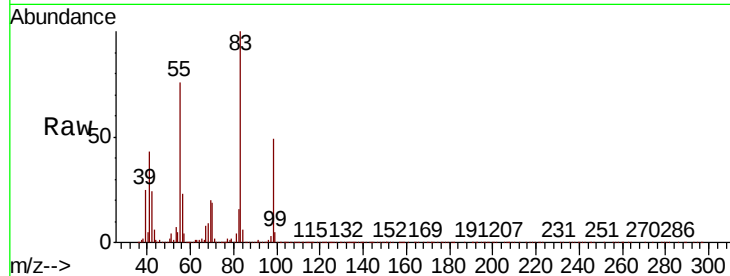




#39
Methvlcvclohexane
Concen: 17.579 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX014395.D
Acq: 03 Jan 2020 13:07

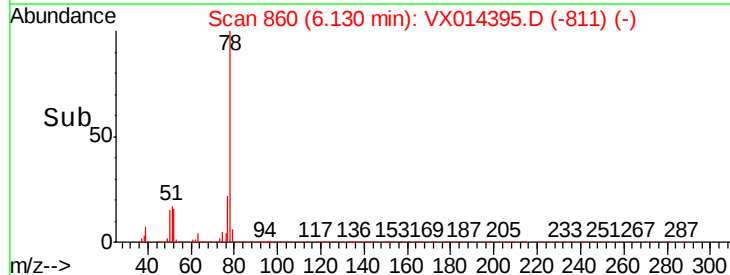
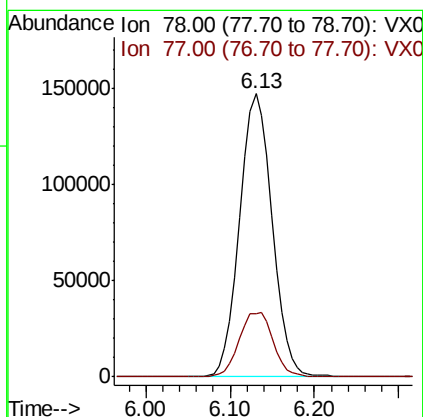
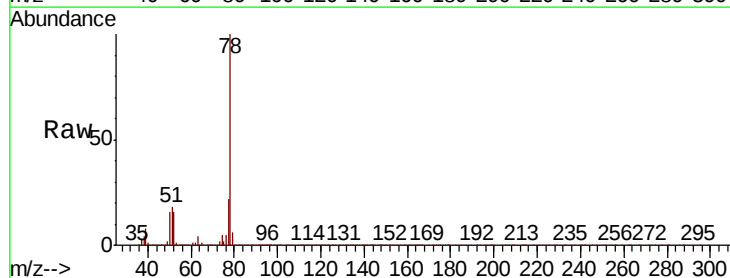
Instrument :
MSVOA_X
ClientSampleId :

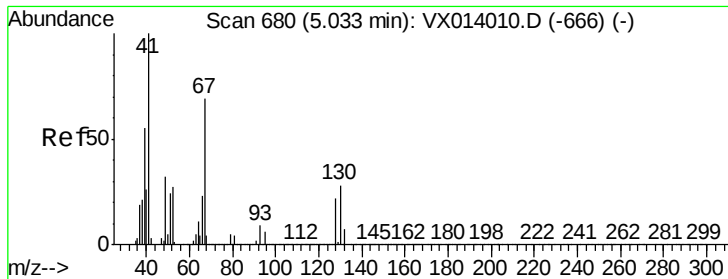
Tot Ion	83	Resp	150796
Ion Ratio	Lower	Upper	
83	100		
55	75.8	61.0	91.6
98	48.4	38.6	57.8



#40
Benzene
Concen: 17.995 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014395.D
Acq: 03 Jan 2020 13:07

Tgt Ion	78	Resp	384646
Ion Ratio	Lower	Upper	
78	100		
77	22.3	18.8	28.2

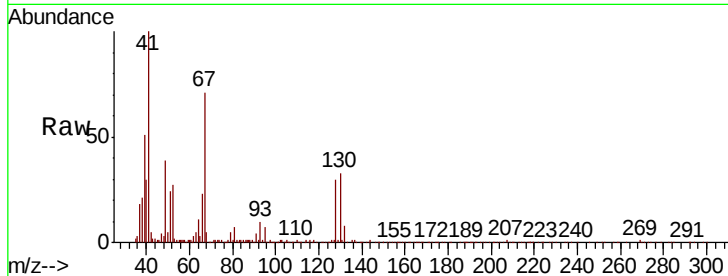




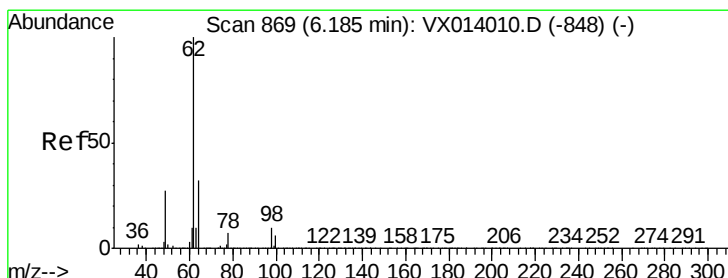
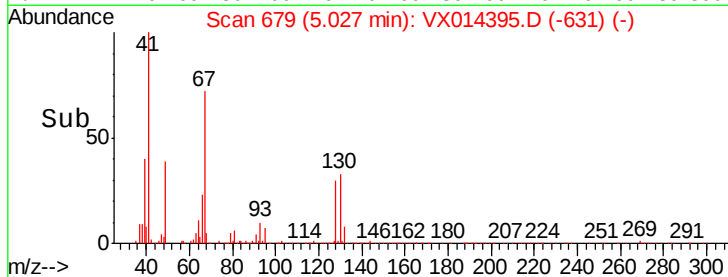
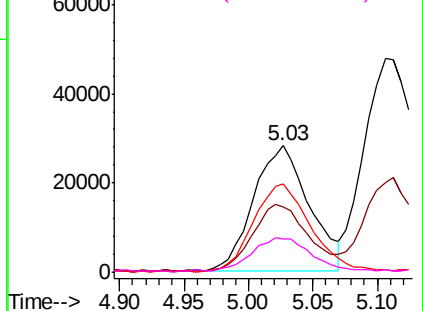
#41
Methacrylonitrile
Concen: 19.816 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014395.D
Acq: 03 Jan 2020 13:07

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	84349
Ion	Ratio	Lower	Upper
41	100		
39	54.2	44.5	66.7
67	72.3	57.4	86.0
52	29.7	23.0	34.4

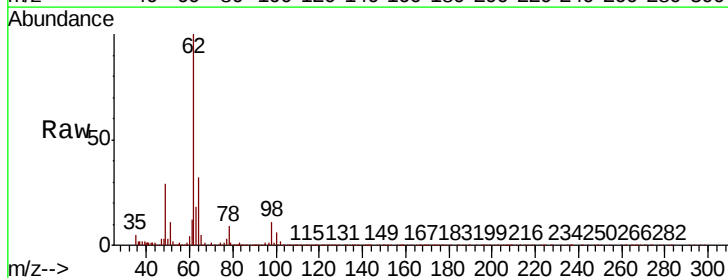


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

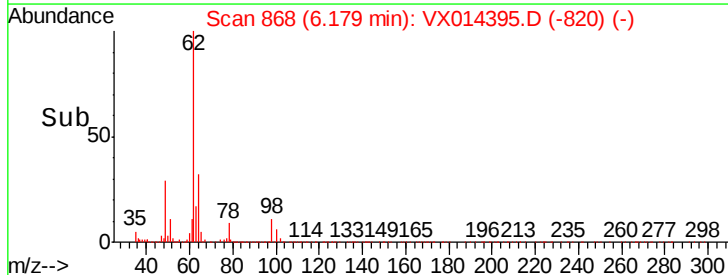
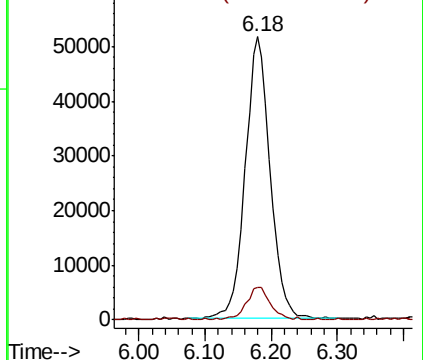


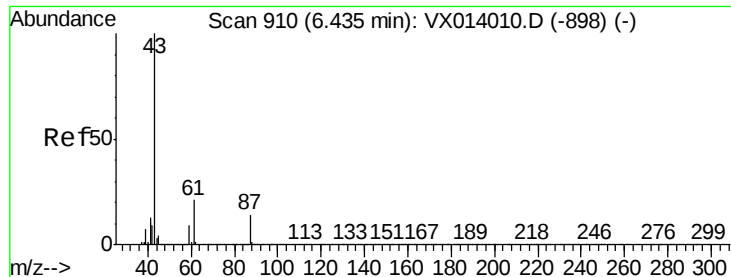
#42
1,2-Dichloroethane
Concen: 18.633 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014395.D
Acq: 03 Jan 2020 13:07

Tgt Ion:	62	Resp:	135014
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	21.0



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



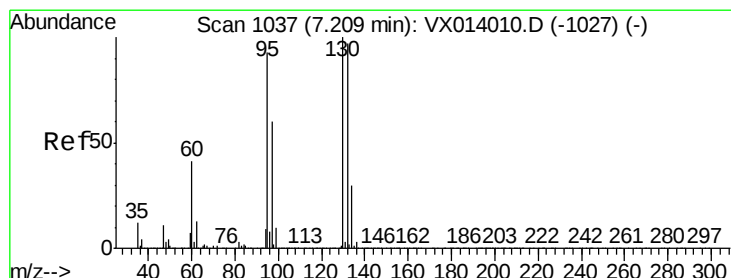
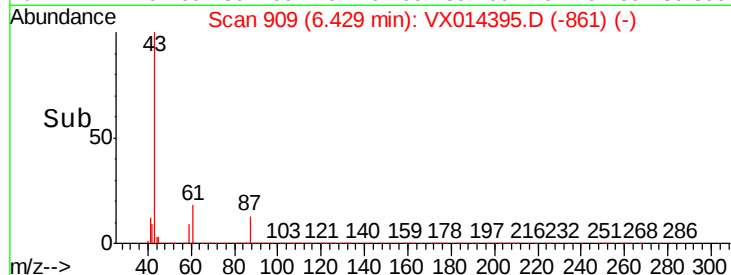
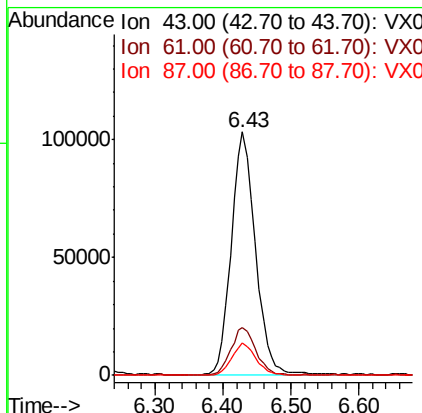
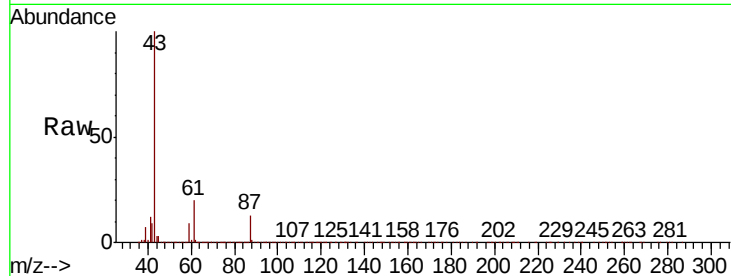


#43

Isopropyl Acetate
 Concen: 19.938 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014395.D
 Acq: 03 Jan 2020 13:07

Instrument :
 MSVOA_X
 ClientSampleId :

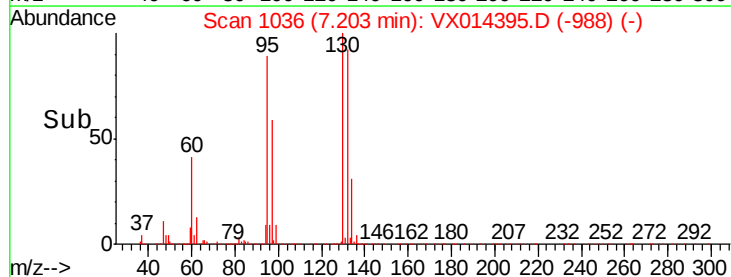
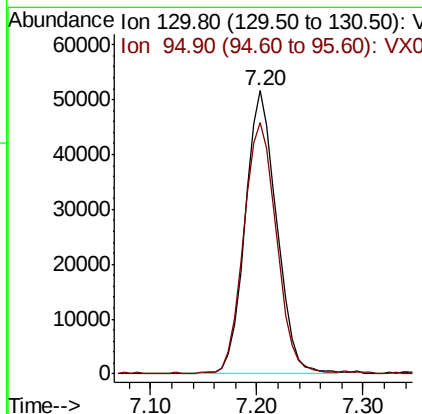
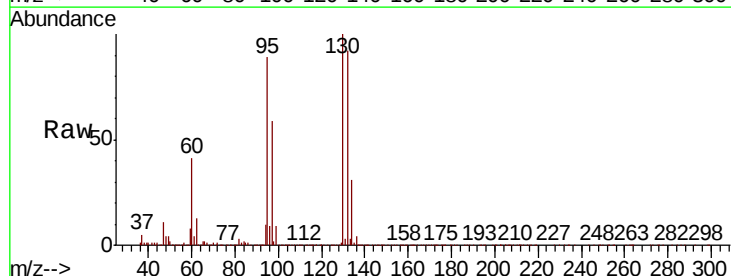
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.9	16.4	24.6
87	13.1	10.7	16.1

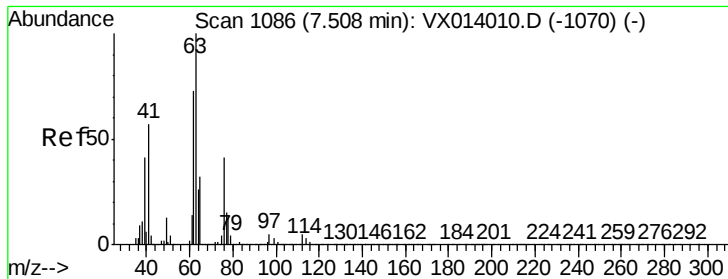


#44

Trichloroethene
 Concen: 18.210 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014395.D
 Acq: 03 Jan 2020 13:07

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.9	0.0	185.6





#45

1,2-Dichloropropane

Concen: 18.941 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014395.D

Acq: 03 Jan 2020 13:07

Instrument :

MSVOA_X

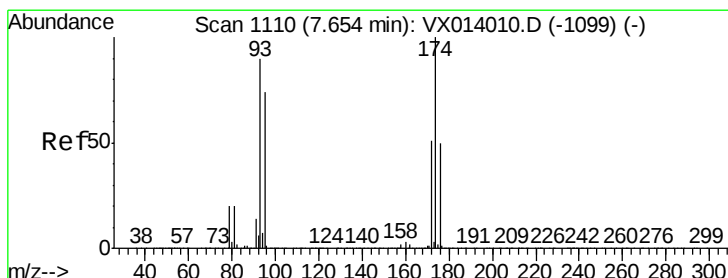
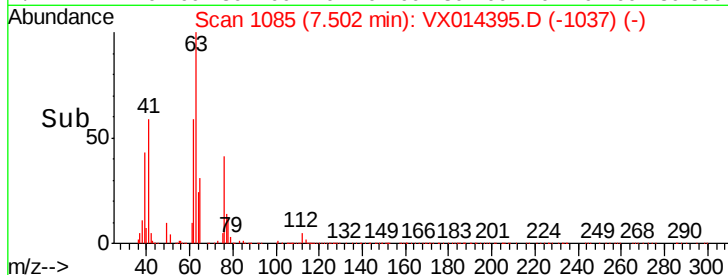
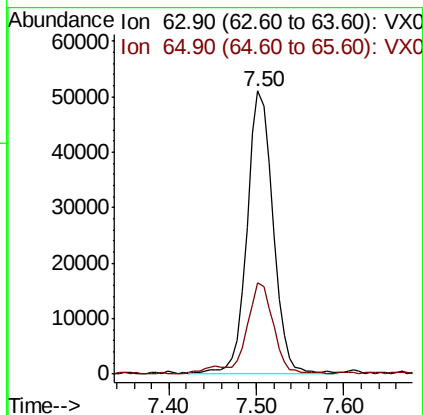
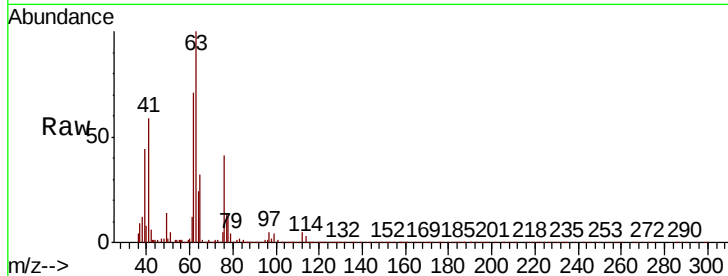
ClientSampleId :

Tot Ion: 63 Resp: 103772

Ion Ratio Lower Upper

63 100

65 31.6 25.8 38.8



#46

Dibromomethane

Concen: 18.489 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014395.D

Acq: 03 Jan 2020 13:07

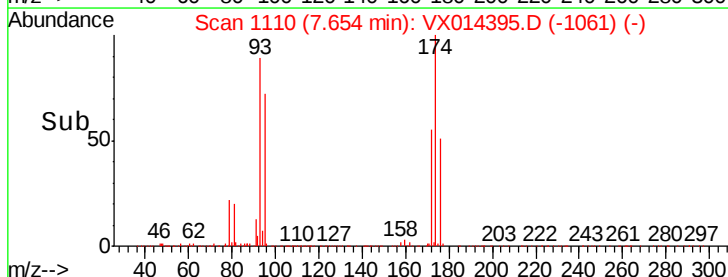
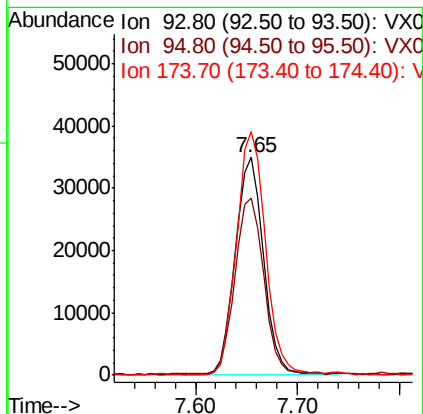
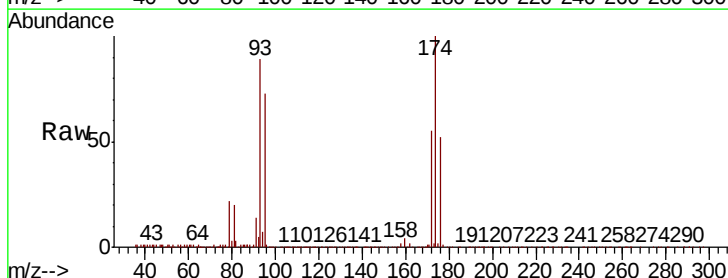
Tgt Ion: 93 Resp: 66971

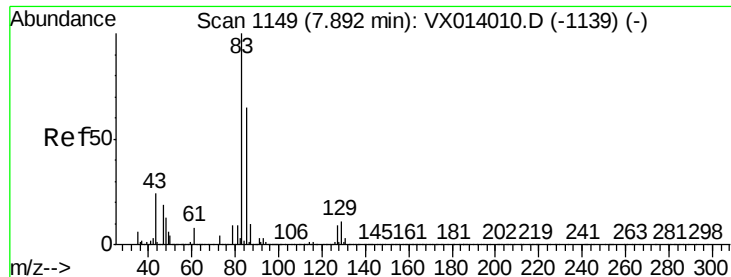
Ion Ratio Lower Upper

93 100

95 81.5 67.3 100.9

174 114.7 91.6 137.4





#47

Bromodichloromethane

Concen: 19.205 ug/l

RT: 7.89 min Scan# 1148

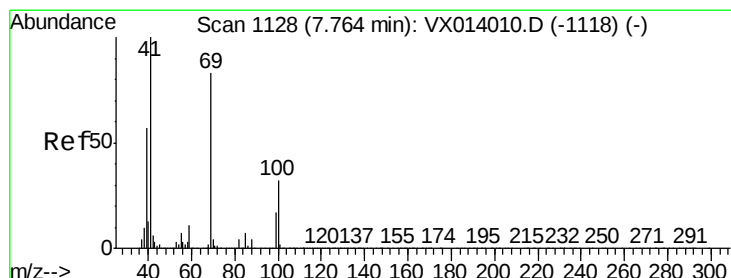
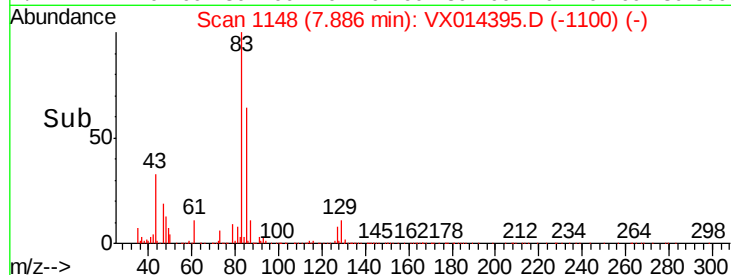
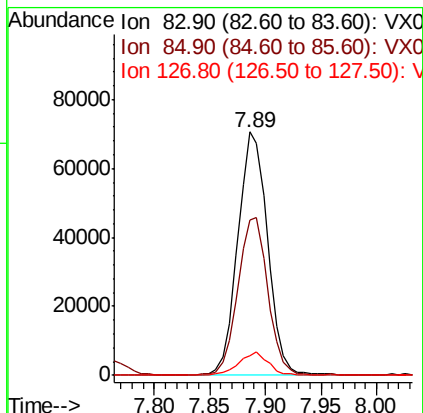
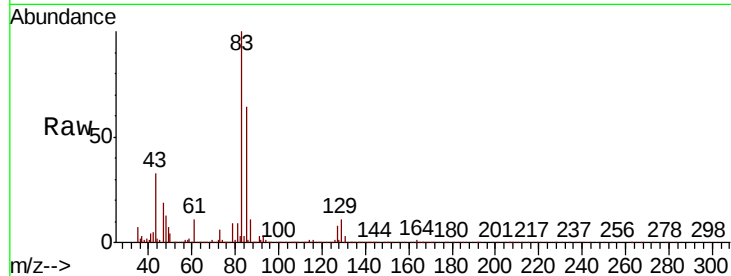
Delta R.T. -0.01 min

Lab File: VX014395.D

Acq: 03 Jan 2020 13:07

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	83	Resp:	131015
Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.8	77.8
127	7.8	7.0	10.4



#48

Methyl methacrylate

Concen: 19.335 ug/l

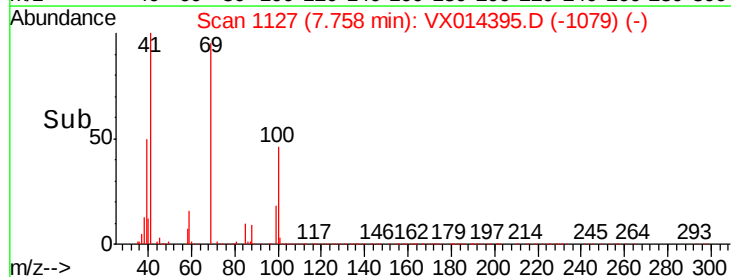
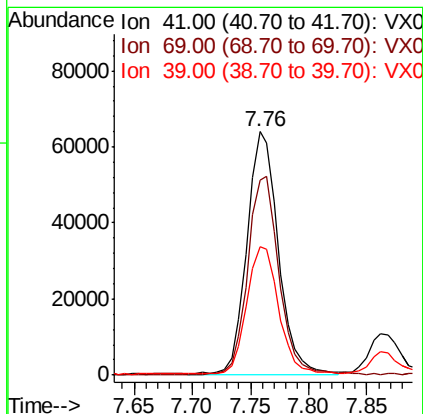
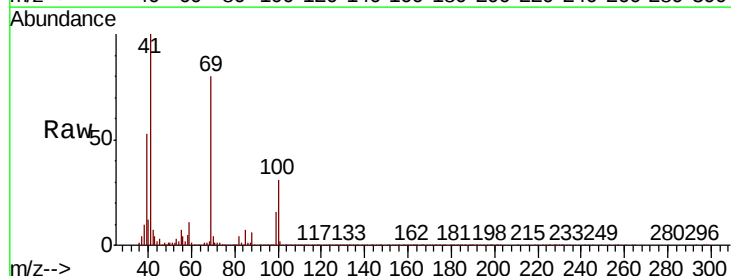
RT: 7.76 min Scan# 1127

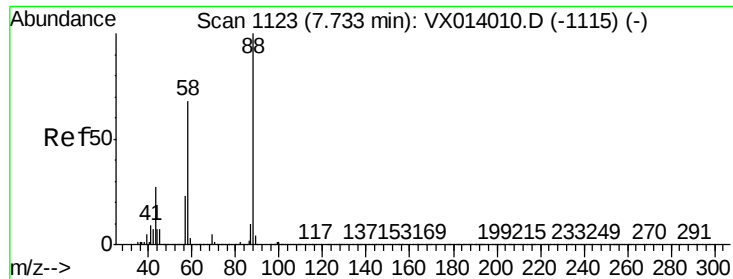
Delta R.T. -0.01 min

Lab File: VX014395.D

Acq: 03 Jan 2020 13:07

Tgt Ion:	41	Resp:	120206
Ion	Ratio	Lower	Upper
41	100		
69	81.3	65.8	98.6
39	53.2	44.6	67.0





#49

1,4-Dioxane

Concen: 439.523 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014395.D

Acq: 03 Jan 2020 13:07

Instrument :

MSVOA_X

ClientSampleId :

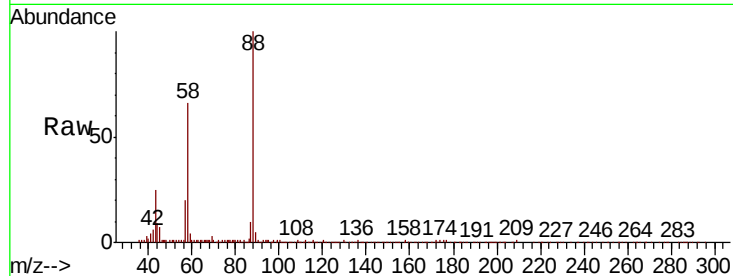
Tot Ion: 88 Resp: 55607

Ion Ratio Lower Upper

88 100

43 30.3 26.5 39.7

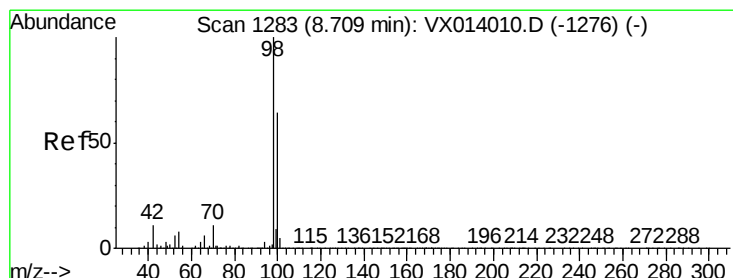
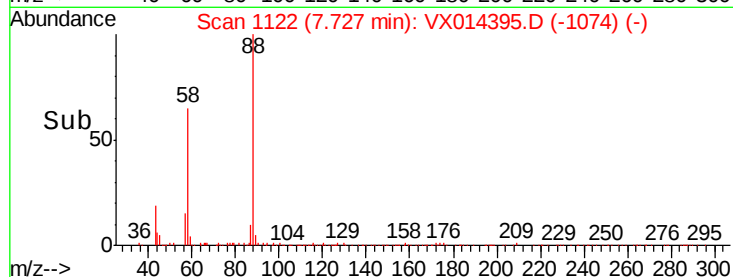
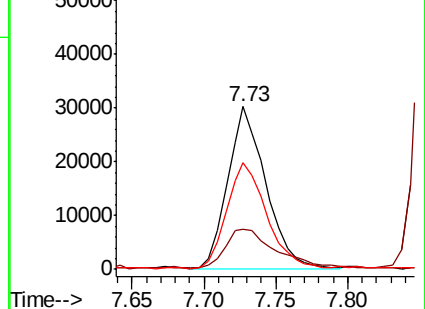
58 68.0 56.8 85.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.682 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014395.D

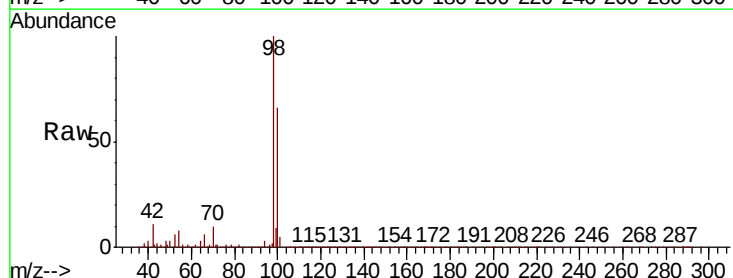
Acq: 03 Jan 2020 13:07

Tgt Ion: 98 Resp: 890244

Ion Ratio Lower Upper

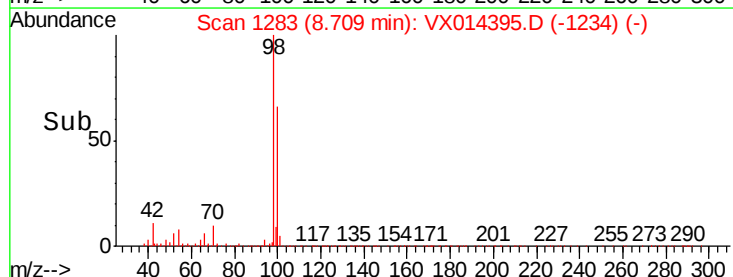
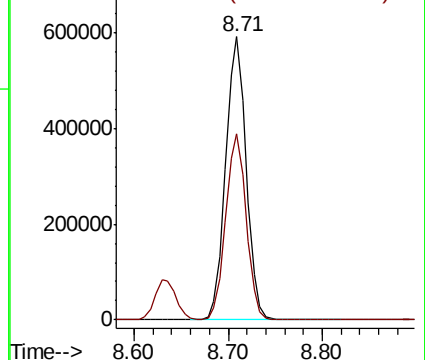
98 100

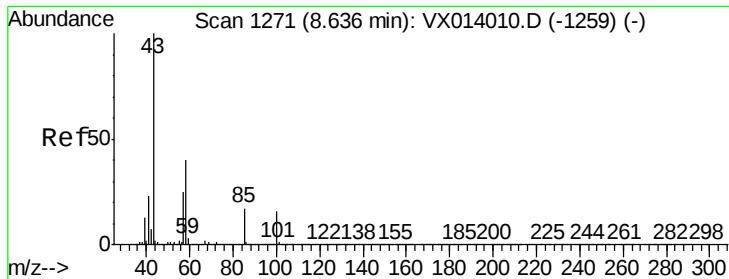
100 65.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 98.122 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014395.D

Acq: 03 Jan 2020 13:07

Instrument :

MSVOA_X

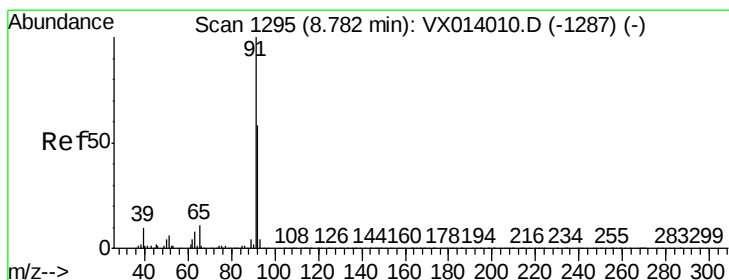
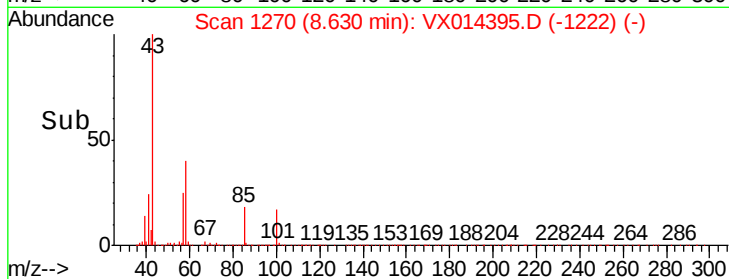
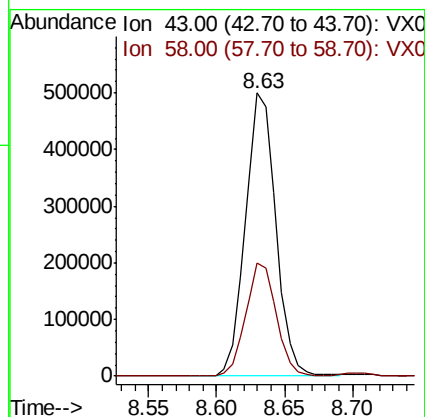
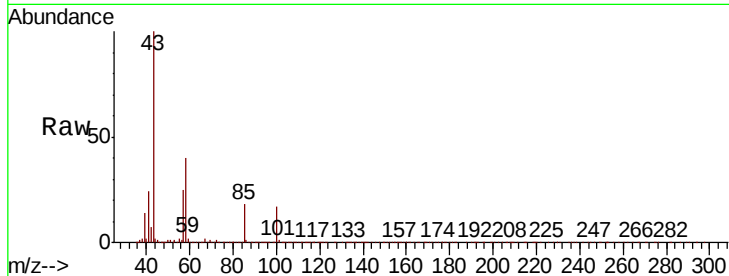
ClientSampleId :

Tot Ion: 43 Resp: 782364

Ion Ratio Lower Upper

43 100

58 40.0 32.2 48.2



#52

Toluene

Concen: 17.840 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014395.D

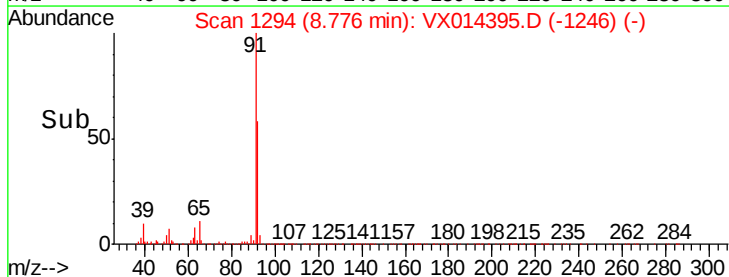
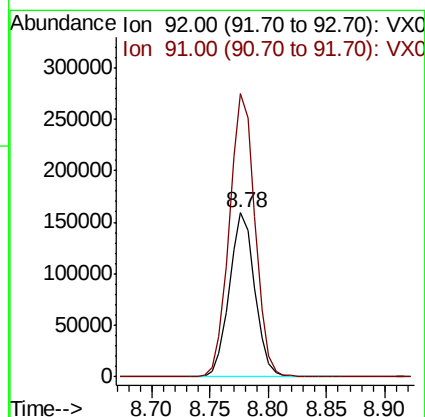
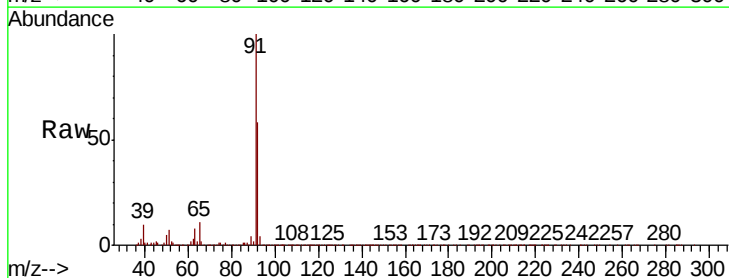
Acq: 03 Jan 2020 13:07

Tgt Ion: 92 Resp: 241033

Ion Ratio Lower Upper

92 100

91 174.8 136.2 204.4

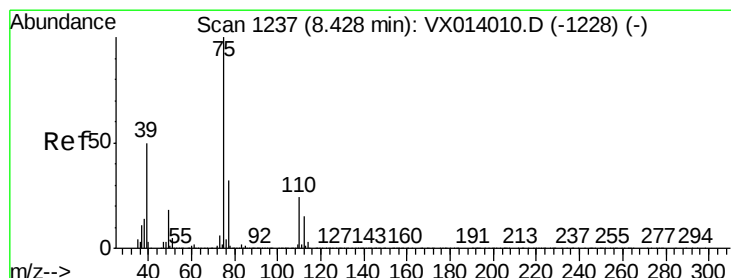
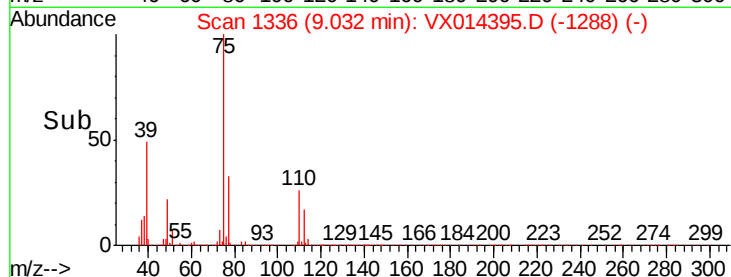
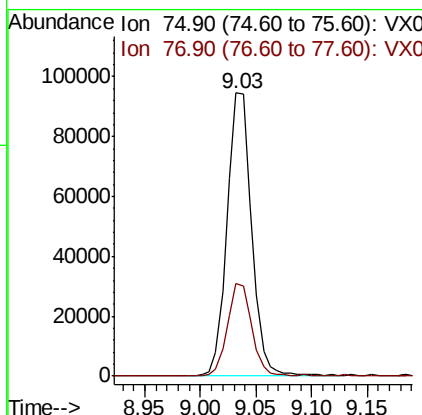
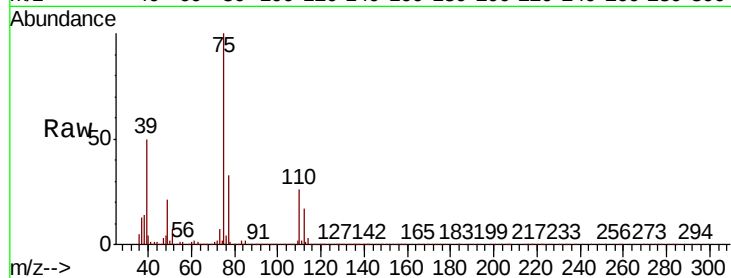




#53
t-1,3-Dichloropropene
Concen: 19.284 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014395.D
Acq: 03 Jan 2020 13:07

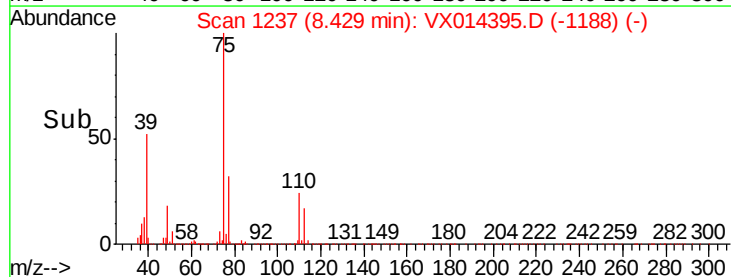
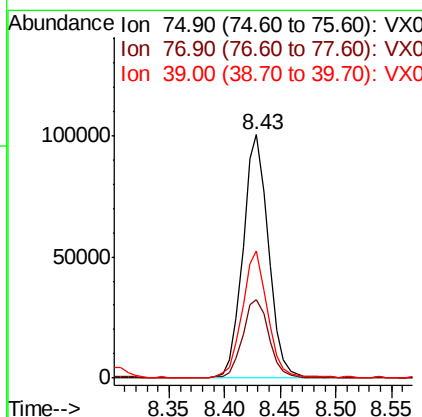
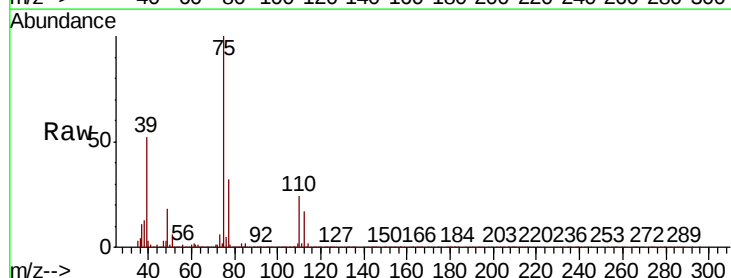
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 144255
Ion Ratio Lower Upper
75 100
77 32.8 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 19.136 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014395.D
Acq: 03 Jan 2020 13:07

Tgt Ion: 75 Resp: 159471
Ion Ratio Lower Upper
75 100
77 32.3 25.3 37.9
39 52.0 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 19.452 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014395.D

Acq: 03 Jan 2020 13:07

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 105331

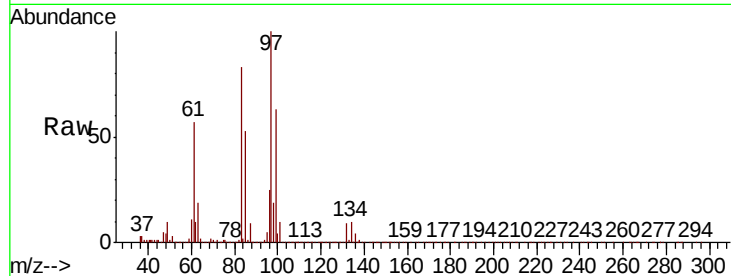
Ion Ratio Lower Upper

97 100

83 83.3 68.2 102.4

85 52.8 44.6 66.8

99 62.5 51.4 77.0

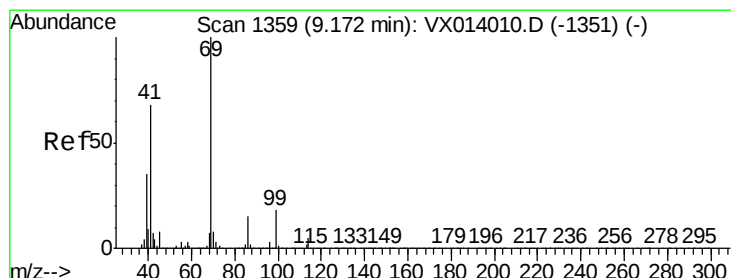
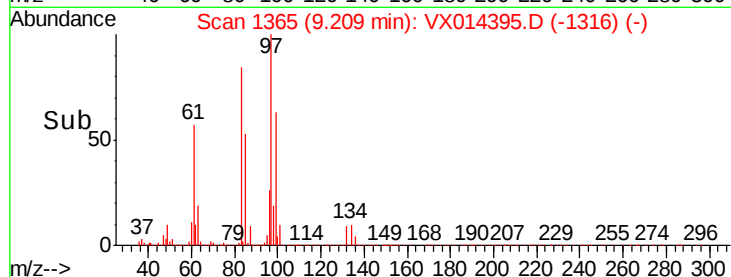
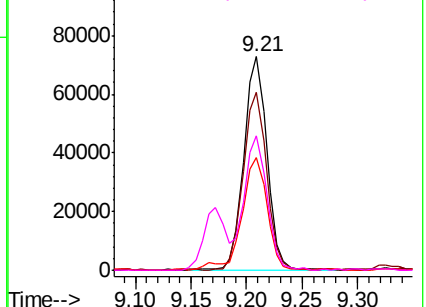


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.552 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014395.D

Acq: 03 Jan 2020 13:07

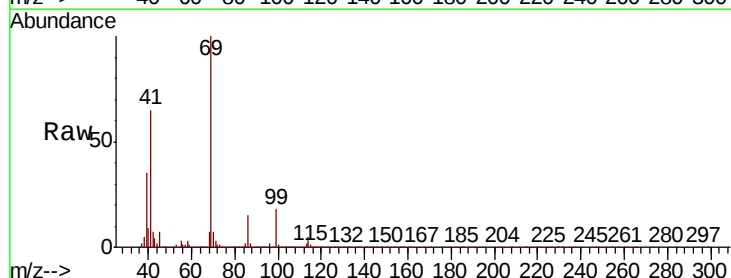
Tgt Ion: 69 Resp: 166310

Ion Ratio Lower Upper

69 100

41 66.8 54.8 82.2

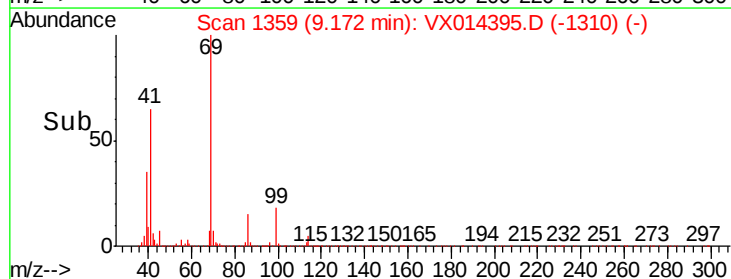
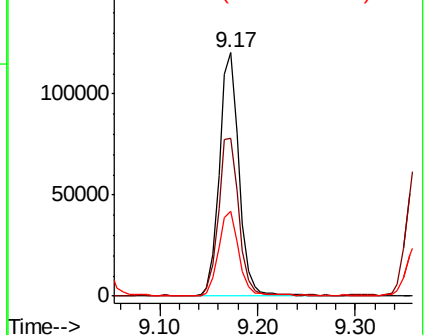
39 35.7 28.3 42.5

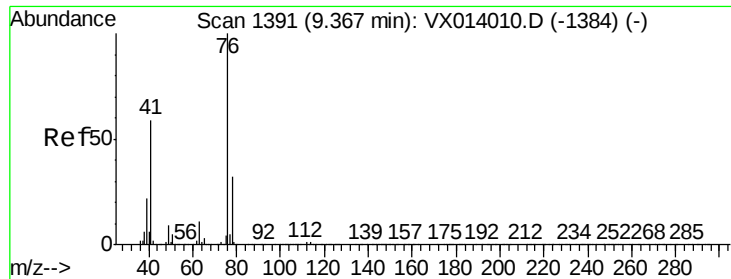


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.290 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014395.D

Acq: 03 Jan 2020 13:07

Instrument :

MSVOA_X

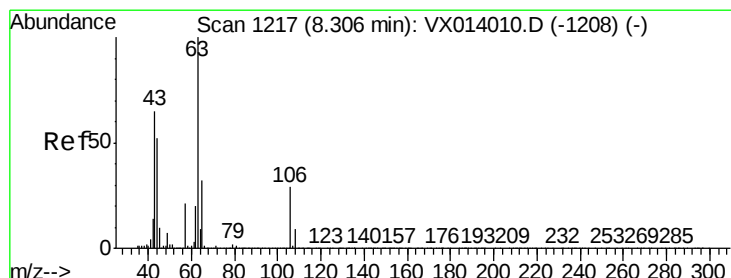
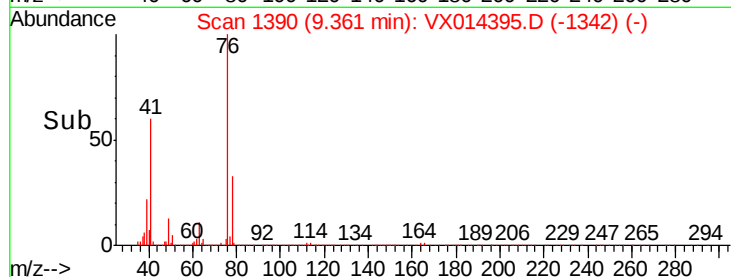
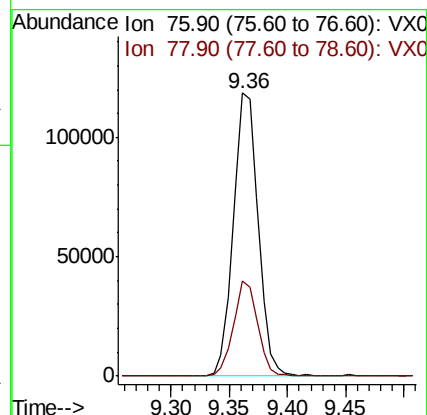
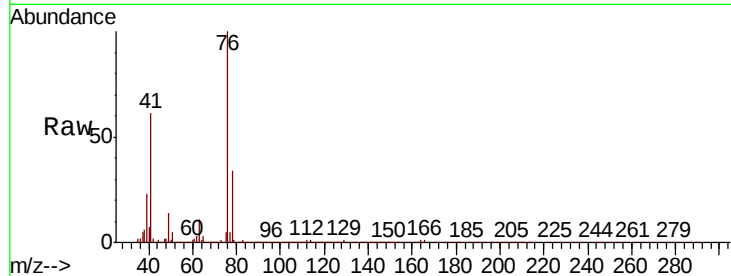
ClientSampleId :

Tot Ion: 76 Resp: 175742

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 100.177 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014395.D

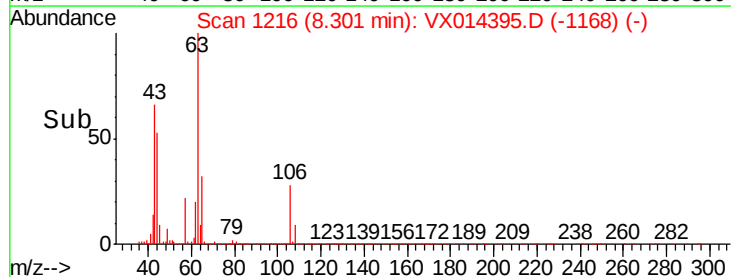
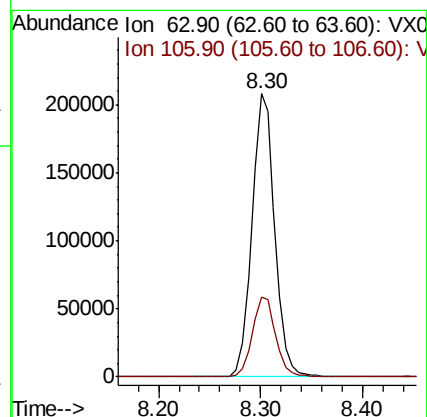
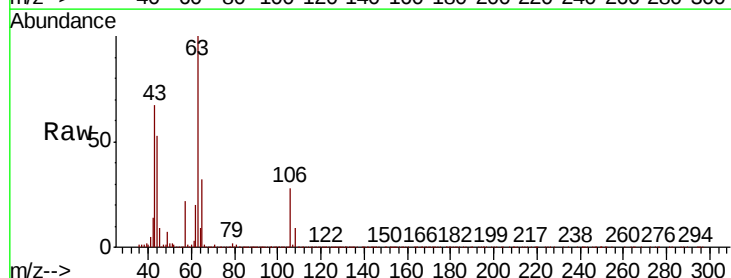
Acq: 03 Jan 2020 13:07

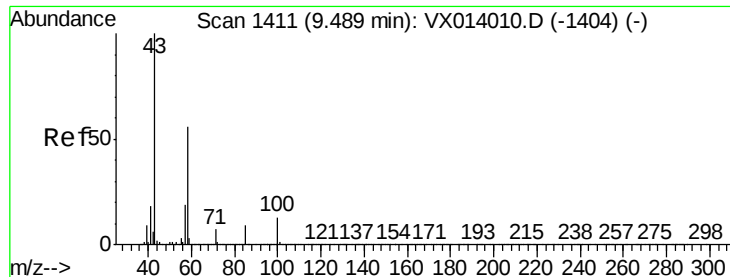
Tgt Ion: 63 Resp: 322469

Ion Ratio Lower Upper

63 100

106 29.0 23.0 34.6

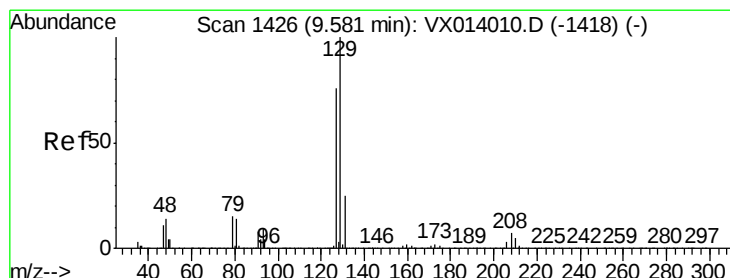
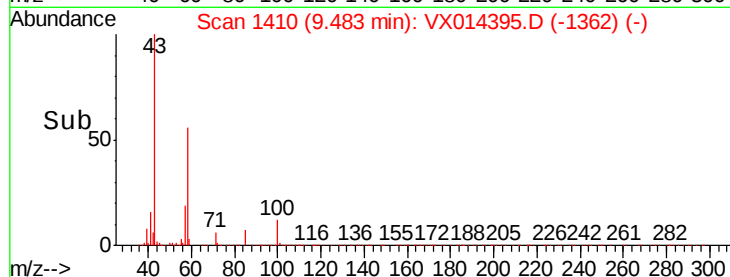
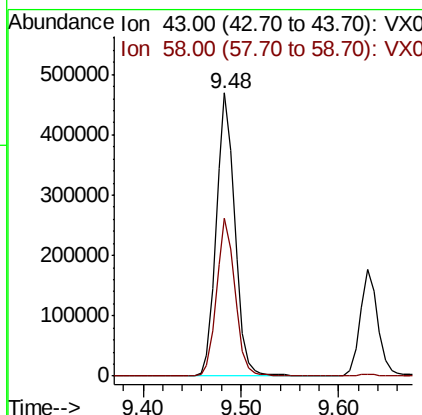
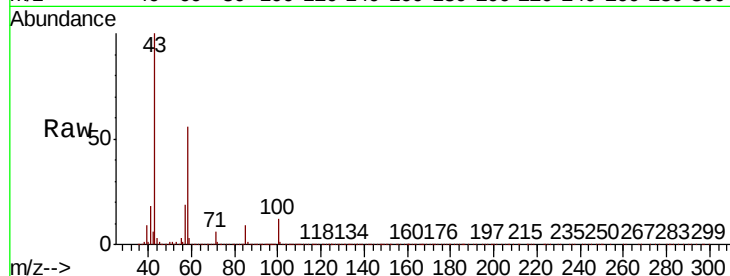




#59
2-Hexanone
Concen: 96.339 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014395.D
Acq: 03 Jan 2020 13:07

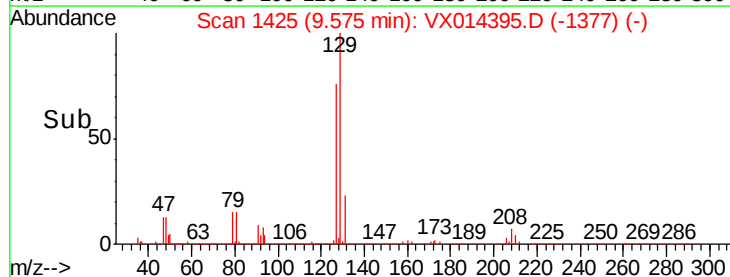
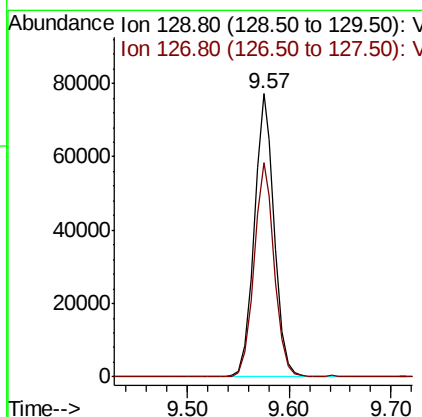
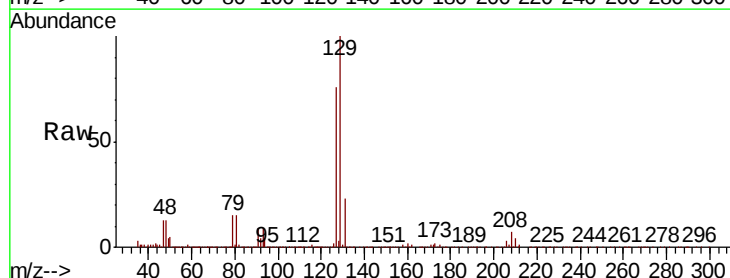
Instrument :
MSVOA_X
ClientSampled :

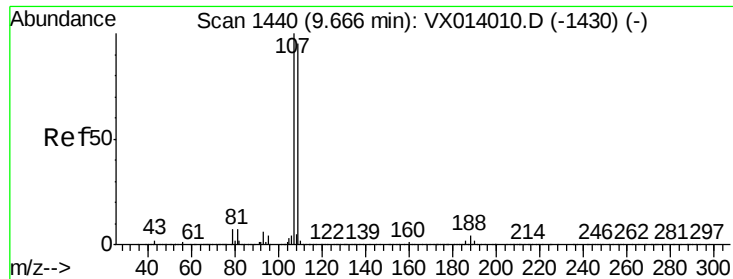
Tot Ion: 43 Resp: 618363
Ion Ratio Lower Upper
43 100
58 55.4 28.0 84.0



#60
Dibromochloromethane
Concen: 19.706 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014395.D
Acq: 03 Jan 2020 13:07

Tgt Ion: 129 Resp: 106066
Ion Ratio Lower Upper
129 100
127 76.0 38.4 115.2





#61

1,2-Dibromoethane

Concen: 19.431 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014395.D

Acq: 03 Jan 2020 13:07

Instrument :

MSVOA_X

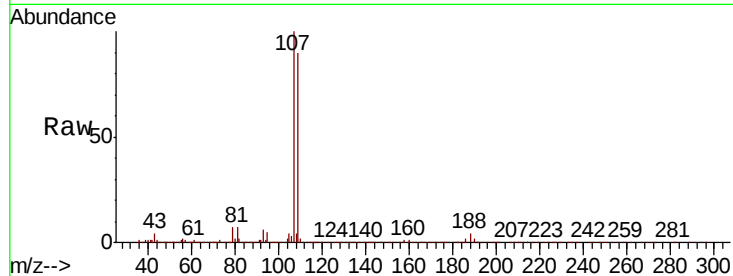
ClientSampleId :

Tot Ion:107 Resp: 107658

Ion Ratio Lower Upper

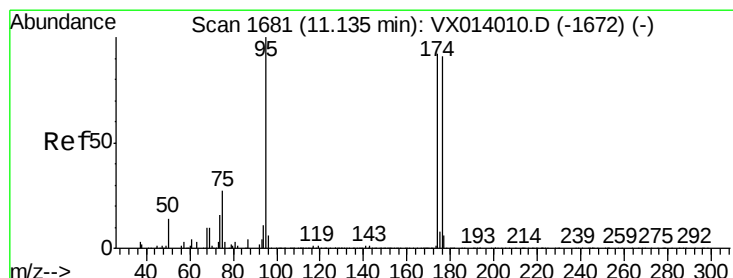
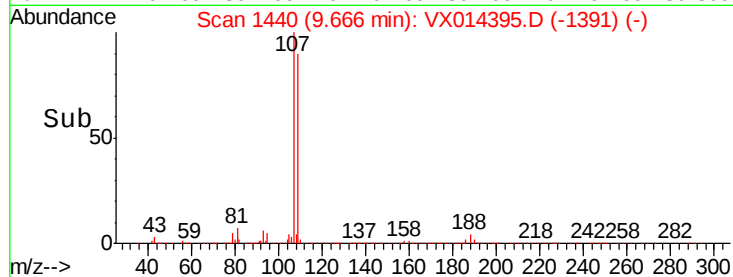
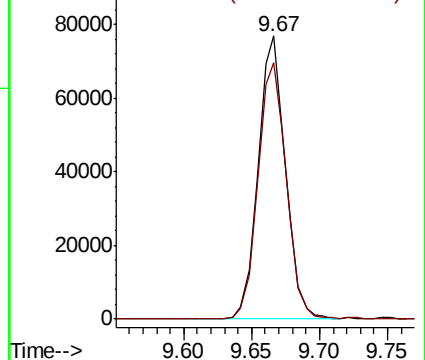
107 100

109 94.4 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.751 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014395.D

Acq: 03 Jan 2020 13:07

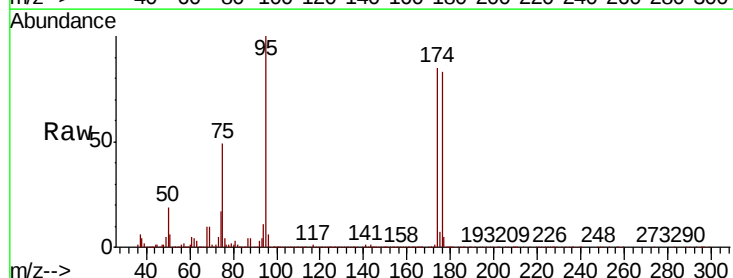
Tgt Ion: 95 Resp: 319325

Ion Ratio Lower Upper

95 100

174 89.9 0.0 175.8

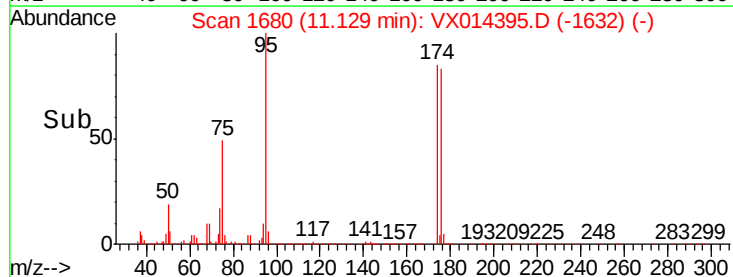
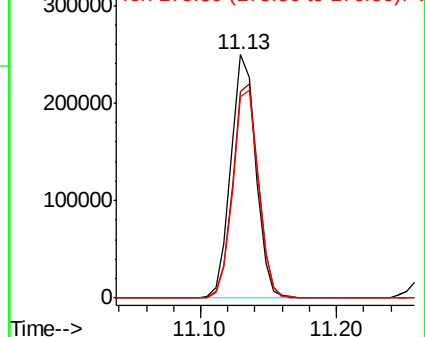
176 87.2 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

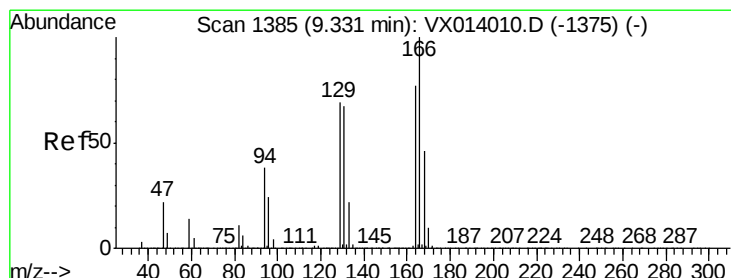
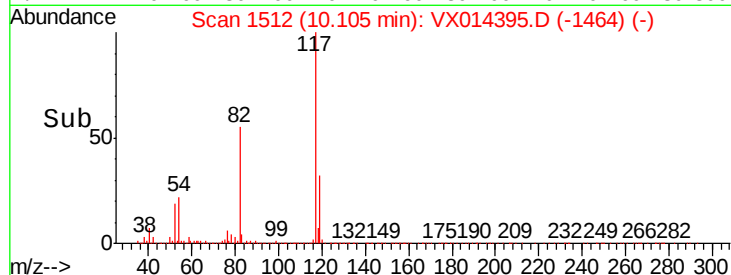
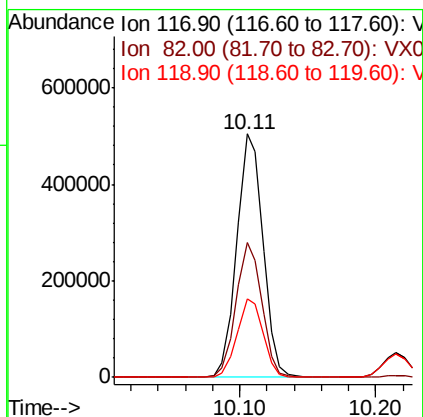
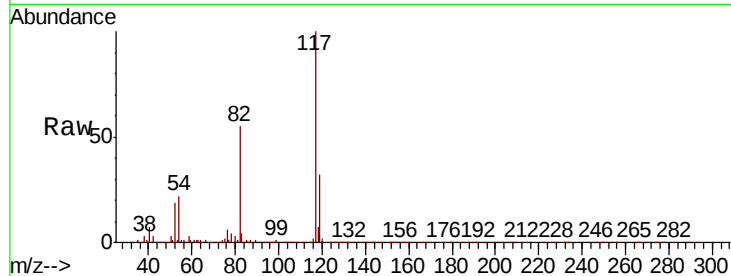




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014395.D
Acq: 03 Jan 2020 13:07

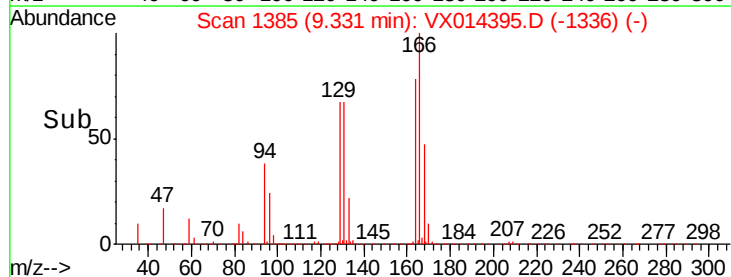
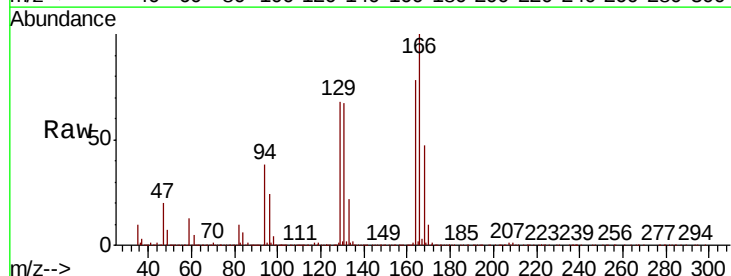
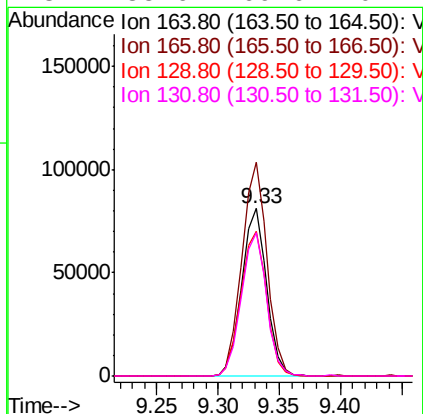
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	42.2	63.4
119	32.3	25.1	37.7



#64
Tetrachloroethene
Concen: 19.175 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014395.D
Acq: 03 Jan 2020 13:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.6	104.0	156.0
129	86.2	72.2	108.4
131	85.6	69.6	104.4





#65

Chlorobenzene

Concen: 18.437 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014395.D

Acq: 03 Jan 2020 13:07

Instrument :

MSVOA_X

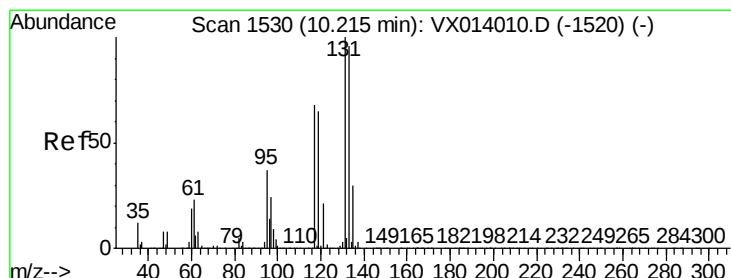
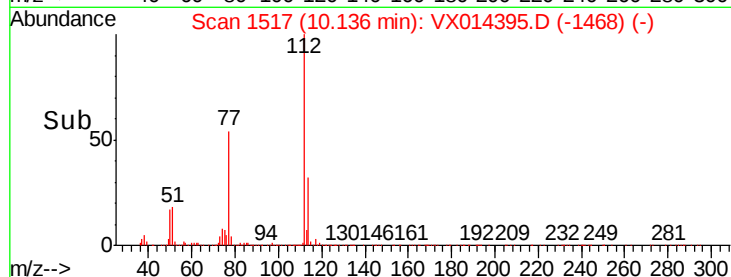
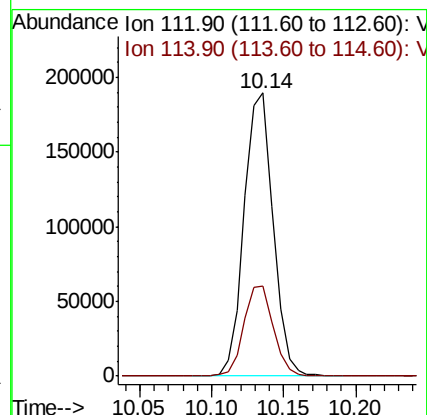
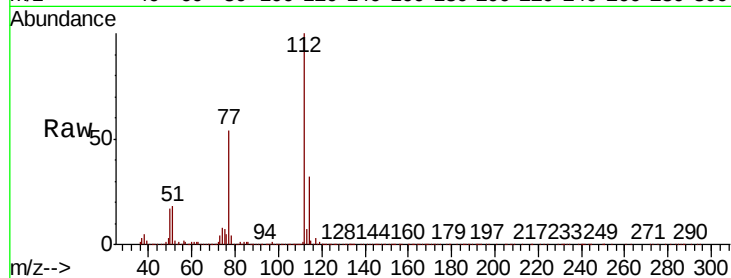
ClientSampled :

Tot Ion:112 Resp: 265549

Ion Ratio Lower Upper

112 100

114 32.0 24.9 37.3



#66

1,1,1,2-Tetrachloroethane

Concen: 19.560 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014395.D

Acq: 03 Jan 2020 13:07

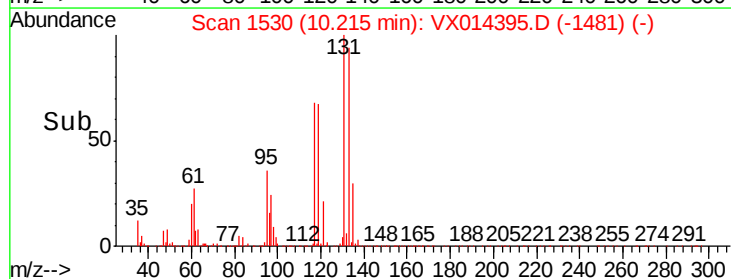
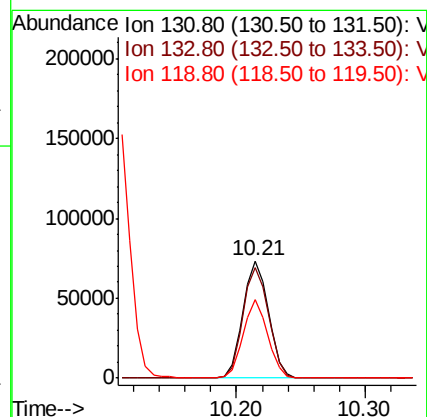
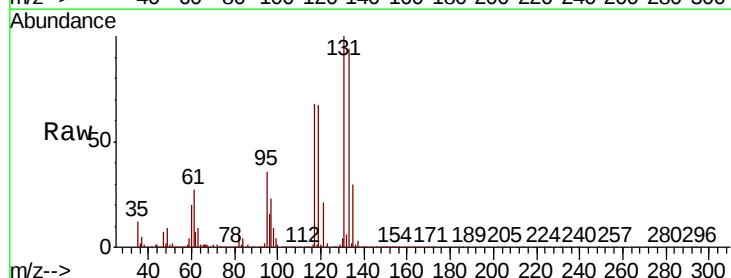
Tgt Ion:131 Resp: 100592

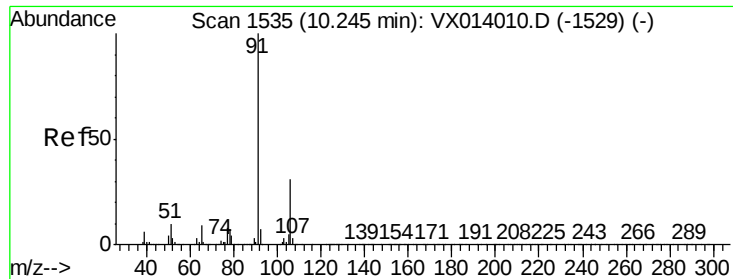
Ion Ratio Lower Upper

131 100

133 95.5 48.0 144.0

119 64.5 33.4 100.2

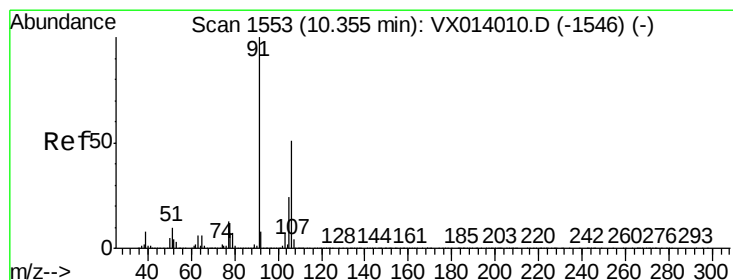
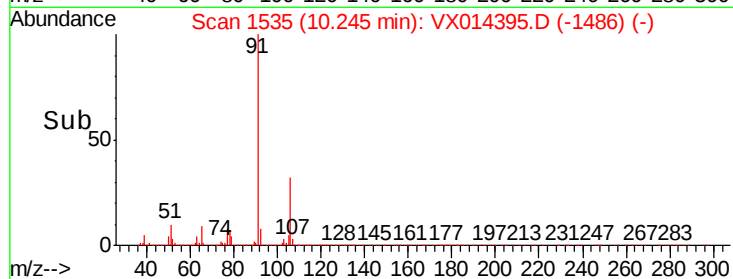
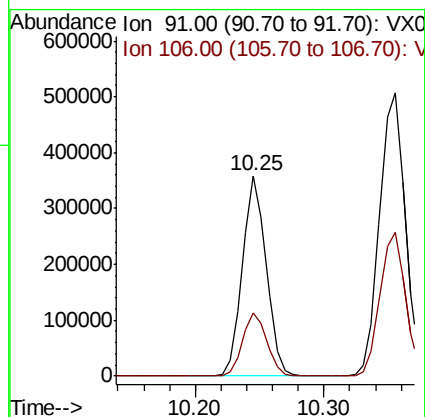
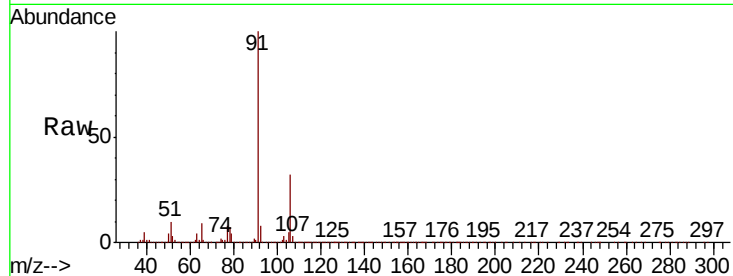




#67
Ethyl Benzene
Concen: 18.559 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014395.D
Acq: 03 Jan 2020 13:07

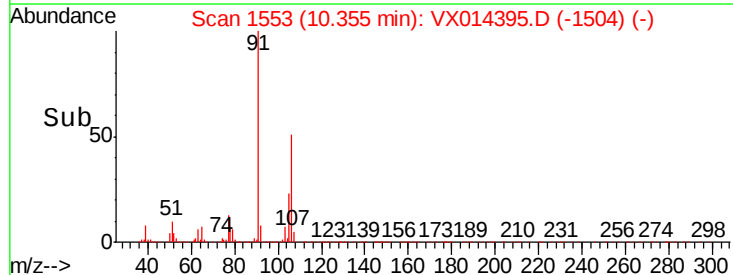
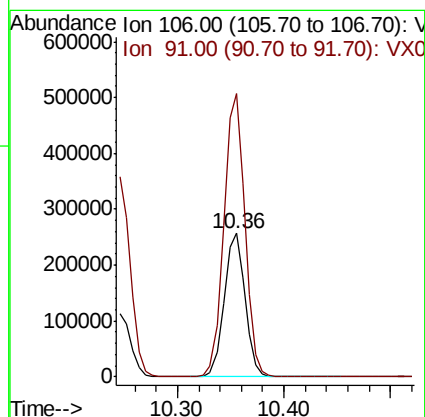
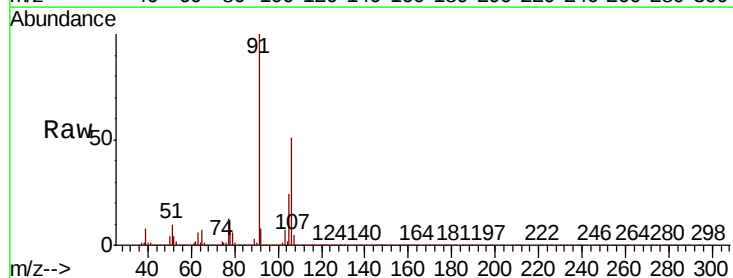
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 91 Resp: 459572
Ion Ratio Lower Upper
91 100
106 31.8 25.0 37.6



#68
m/p-Xylenes
Concen: 36.723 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014395.D
Acq: 03 Jan 2020 13:07

Tgt Ion: 106 Resp: 349754
Ion Ratio Lower Upper
106 100
91 199.7 158.6 238.0

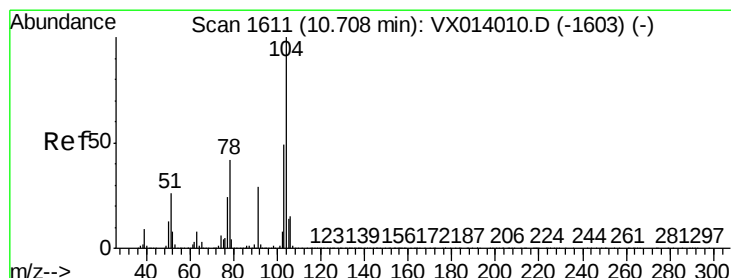
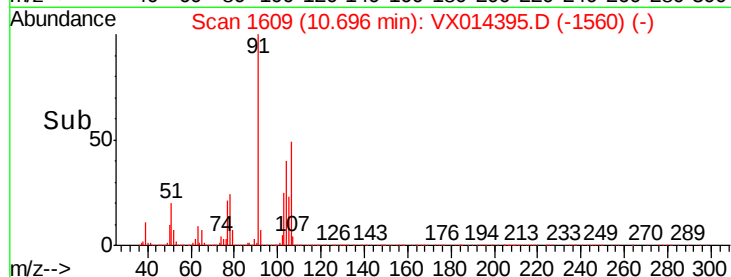
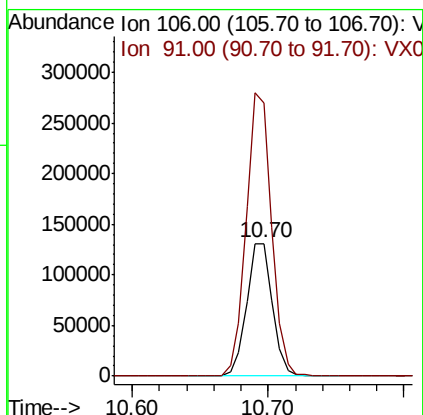
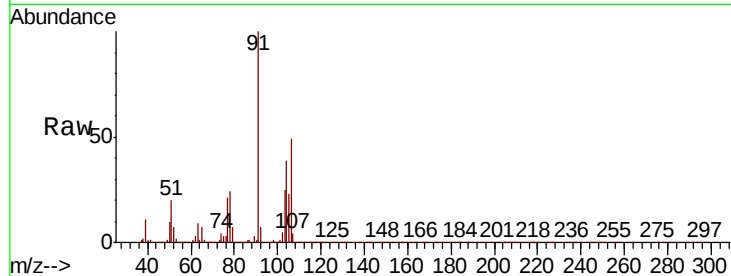




#69
o-Xylene
Concen: 18.485 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014395.D
Acq: 03 Jan 2020 13:07

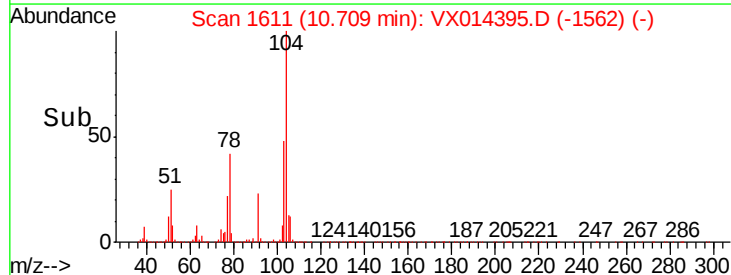
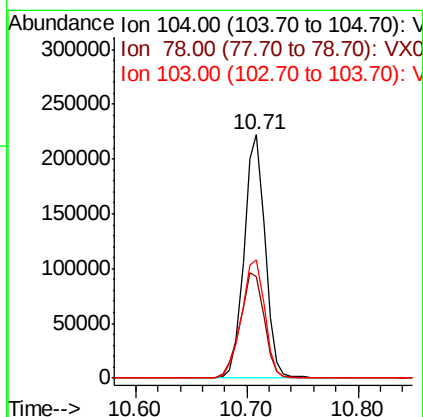
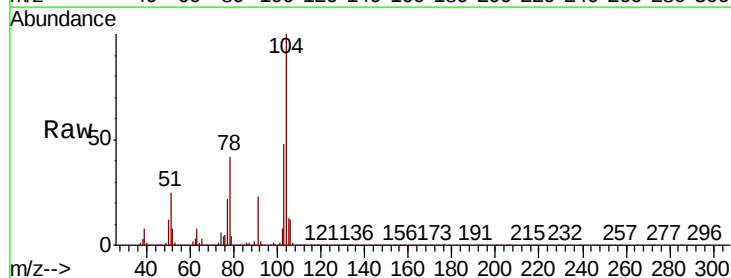
Instrument :
MSVOA_X
ClientSampleId :

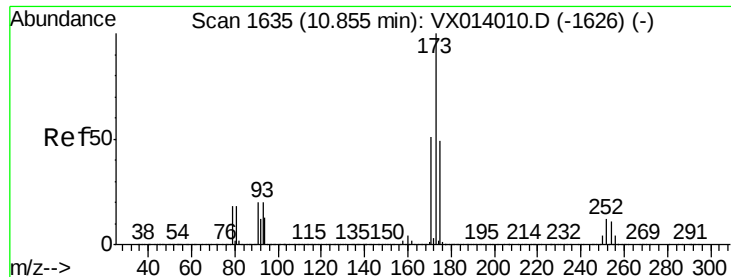
Tot Ion:106 Resp: 172667
Ion Ratio Lower Upper
106 100
91 210.7 104.2 312.6



#70
Styrene
Concen: 18.426 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014395.D
Acq: 03 Jan 2020 13:07

Tgt Ion:104 Resp: 291044
Ion Ratio Lower Upper
104 100
78 49.6 38.5 57.7
103 53.6 42.9 64.3





#71

Bromoform

Concen: 19.410 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014395.D

Acq: 03 Jan 2020 13:07

Instrument :

MSVOA_X

ClientSampleId :

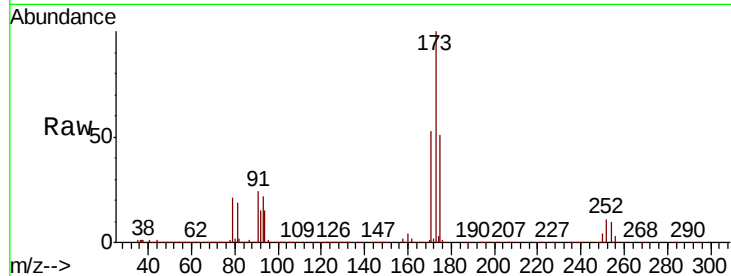
Tot Ion:173 Resp: 80239

Ion Ratio Lower Upper

173 100

175 48.9 24.4 73.4

254 0.3 0.2 0.2#

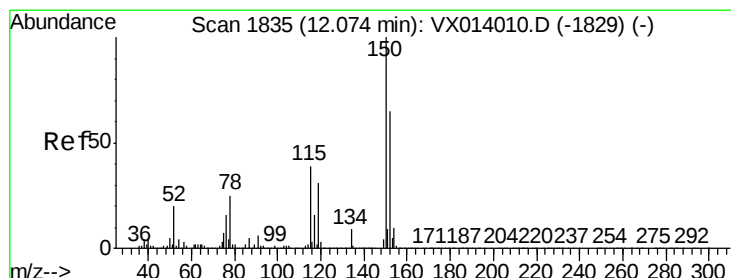
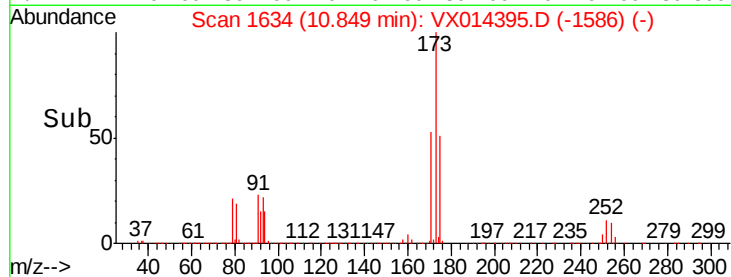
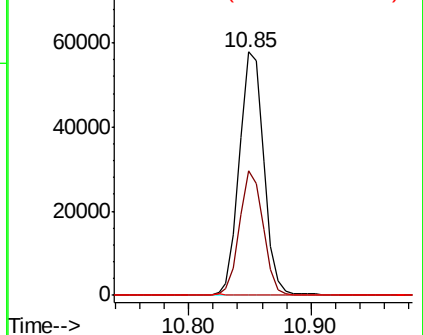


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014395.D

Acq: 03 Jan 2020 13:07

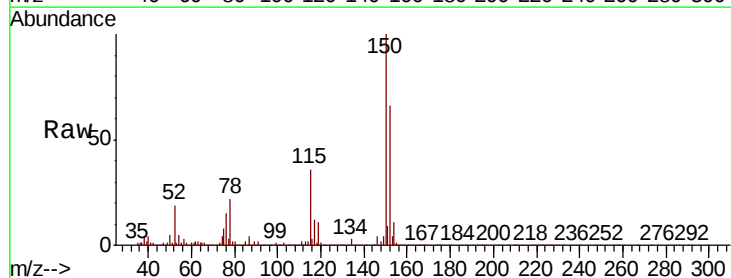
Tgt Ion:152 Resp: 341636

Ion Ratio Lower Upper

152 100

115 63.1 38.3 114.9

150 161.8 0.0 345.4

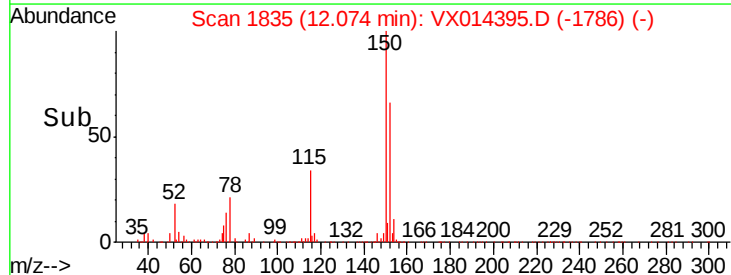
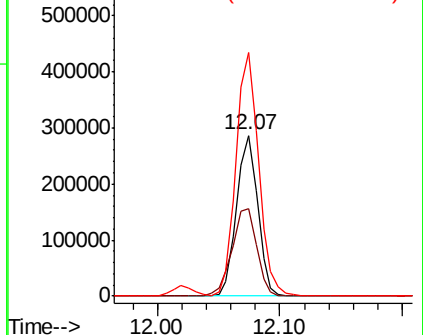


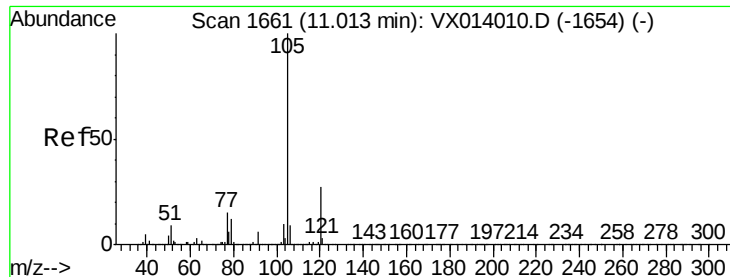
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.167 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014395.D

Acq: 03 Jan 2020 13:07

Instrument :

MSVOA_X

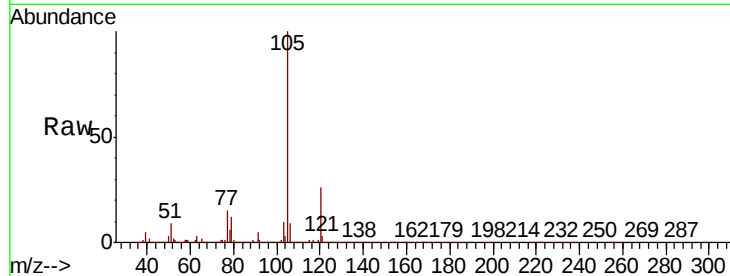
ClientSampleId :

Tot Ion:105 Resp: 461035

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

400000

300000

200000

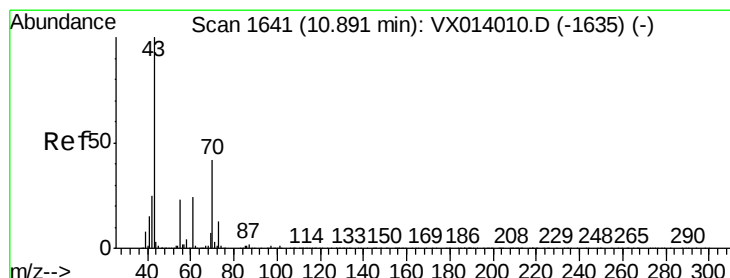
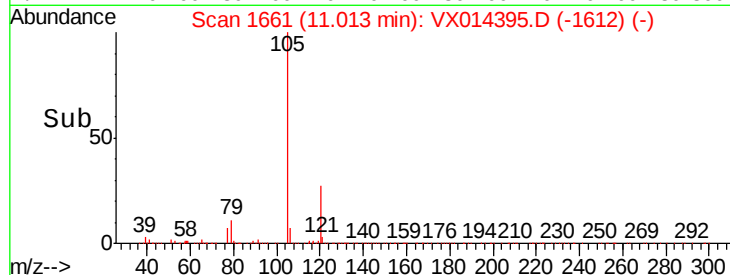
100000

0

Time-->

11.00

11.10



#74

N-ethyl acetate

Concen: 18.802 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014395.D

Acq: 03 Jan 2020 13:07

Tgt Ion: 43 Resp: 211994

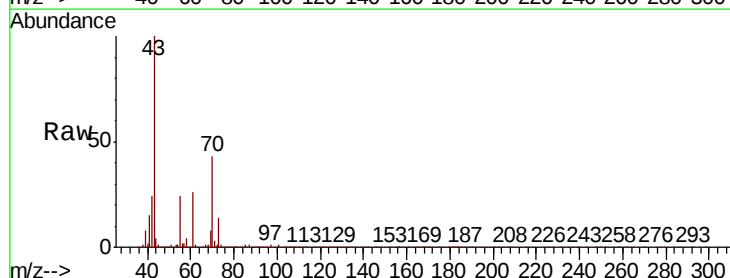
Ion Ratio Lower Upper

43 100

70 43.6 34.4 51.6

55 24.2 19.1 28.7

61 24.5 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

250000

200000

150000

100000

50000

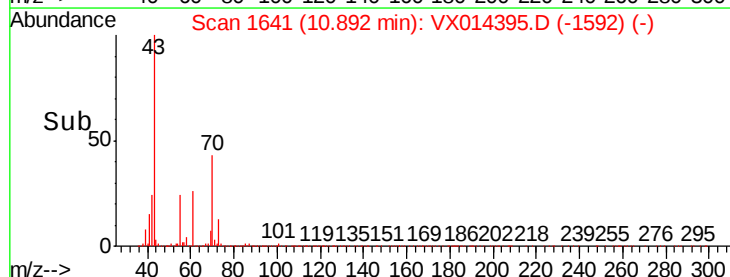
0

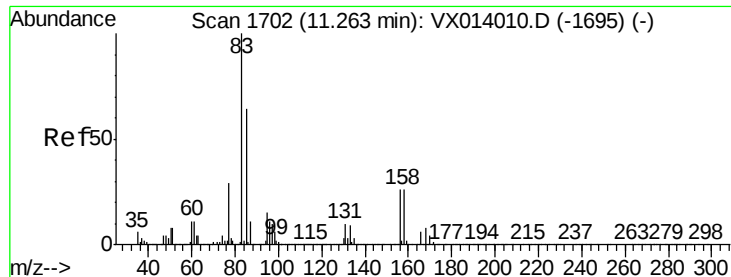
Time-->

10.80

10.90

11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 18.583 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014395.D

Acq: 03 Jan 2020 13:07

Instrument :

MSVOA_X

ClientSampled :

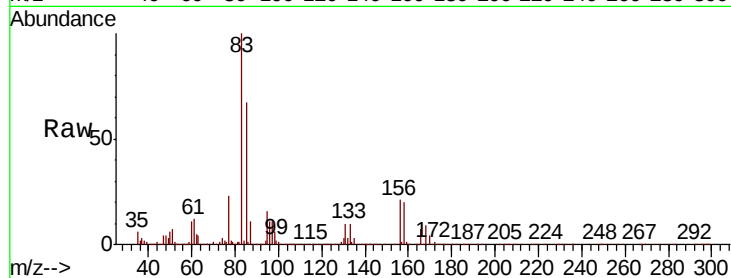
Tot Ion: 83 Resp: 154970

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.2

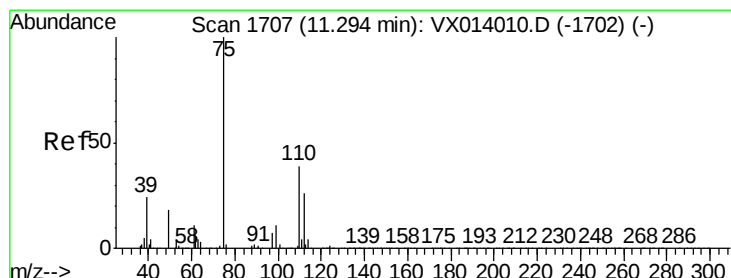
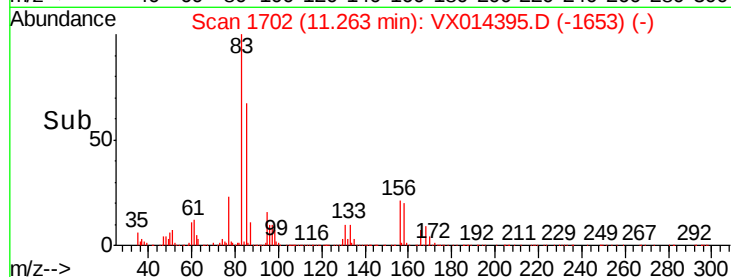
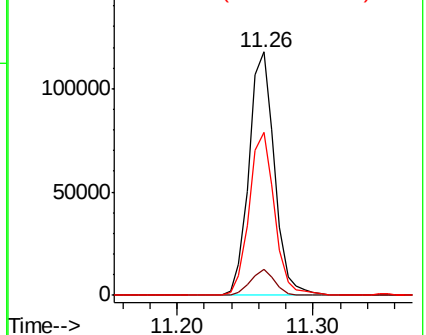
85 66.8 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.484 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014395.D

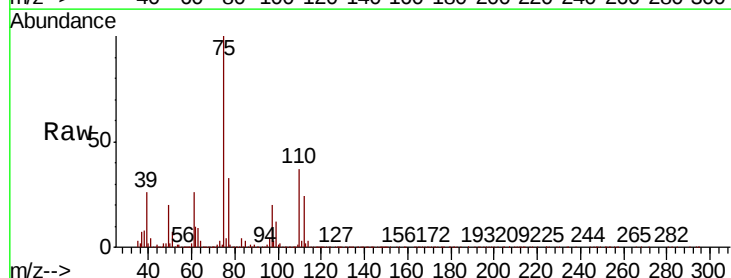
Acq: 03 Jan 2020 13:07

Tgt Ion: 75 Resp: 181593

Ion Ratio Lower Upper

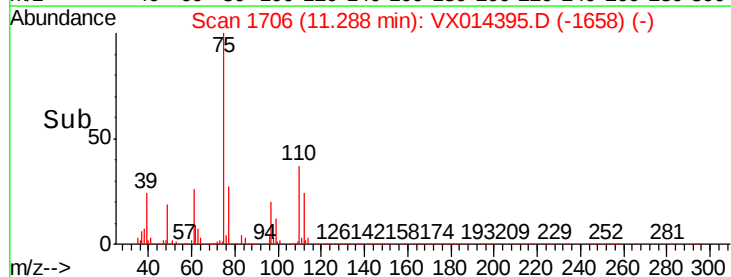
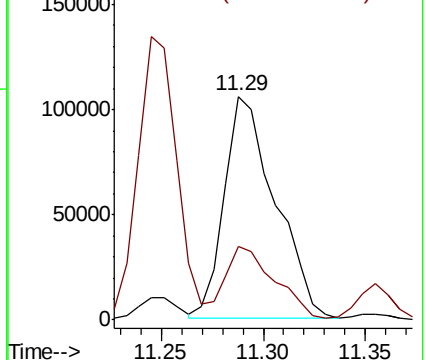
75 100

77 32.9 19.3 57.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.079 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014395.D

Acq: 03 Jan 2020 13:07

Instrument :

MSVOA_X

ClientSampleId :

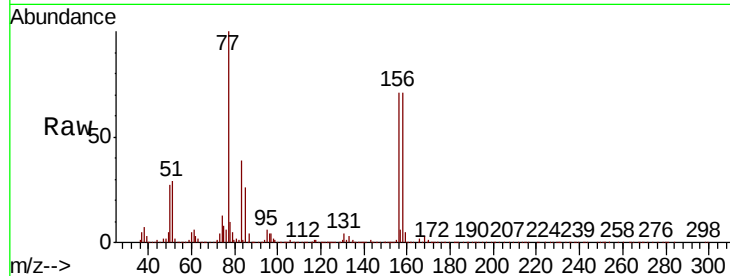
Tot Ion:156 Resp: 119649

Ion Ratio Lower Upper

156 100

77 147.9 76.5 229.5

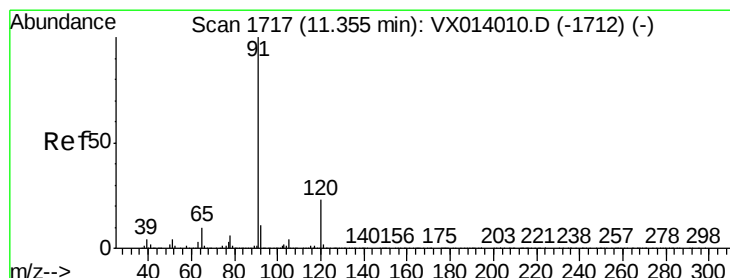
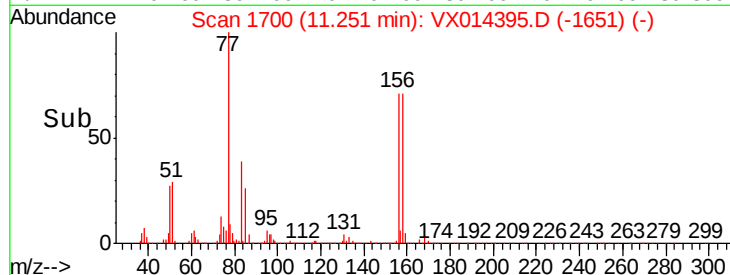
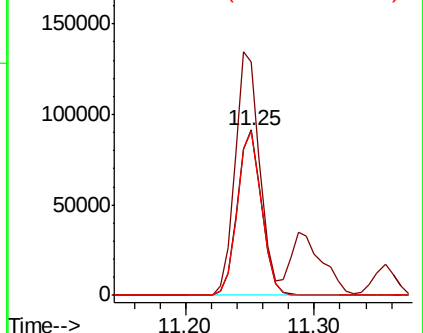
158 98.2 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.127 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014395.D

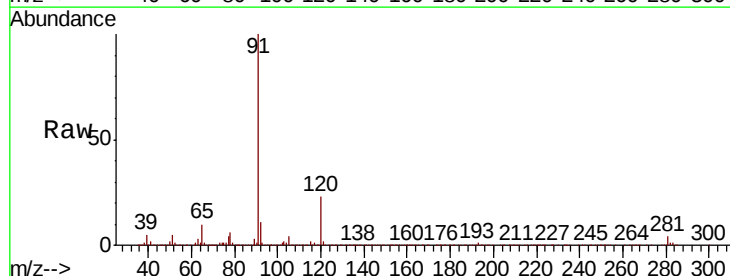
Acq: 03 Jan 2020 13:07

Tgt Ion: 91 Resp: 516052

Ion Ratio Lower Upper

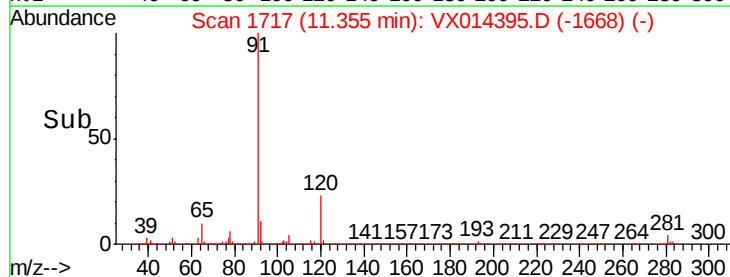
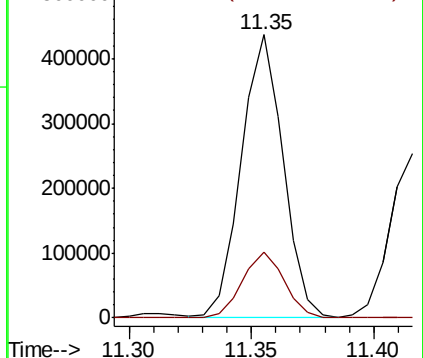
91 100

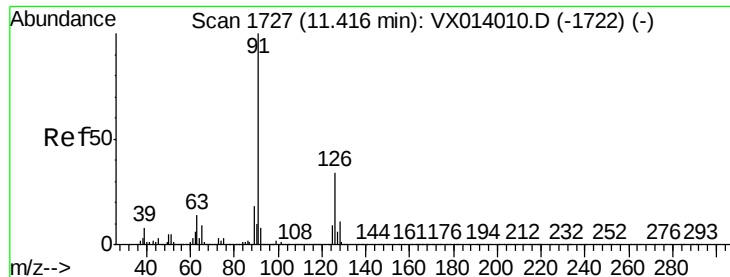
120 23.6 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.765 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014395.D

Acq: 03 Jan 2020 13:07

Instrument :

MSVOA_X

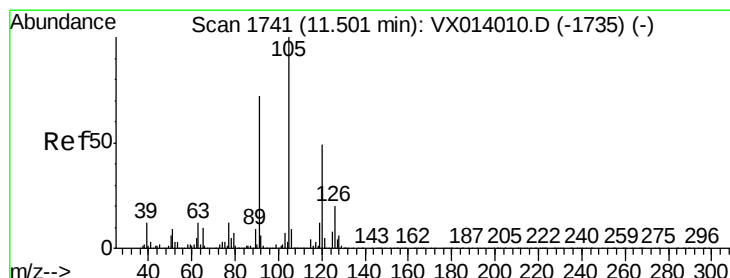
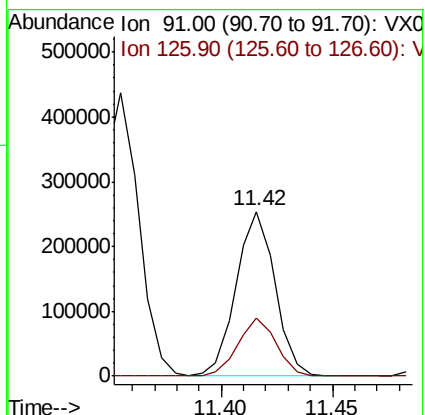
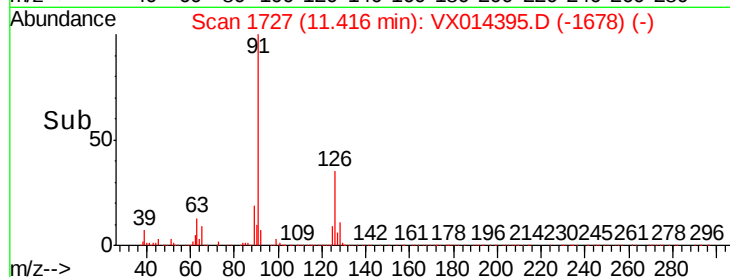
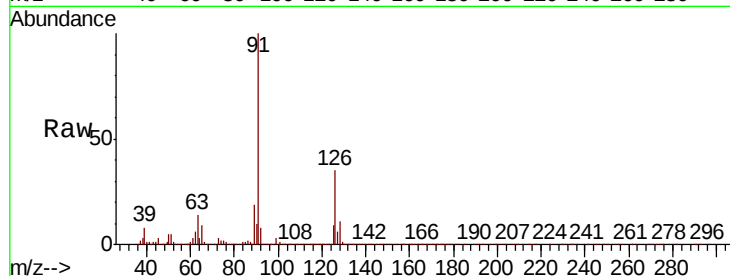
ClientSampleId :

Tot Ion: 91 Resp: 307763

Ion Ratio Lower Upper

91 100

126 35.1 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 18.746 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014395.D

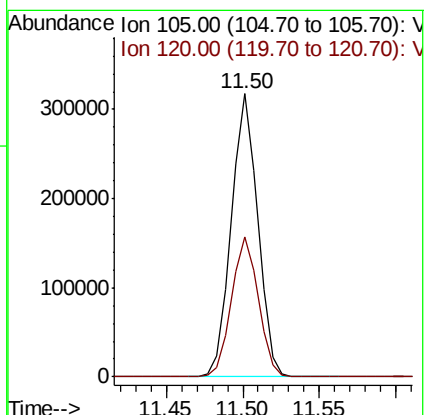
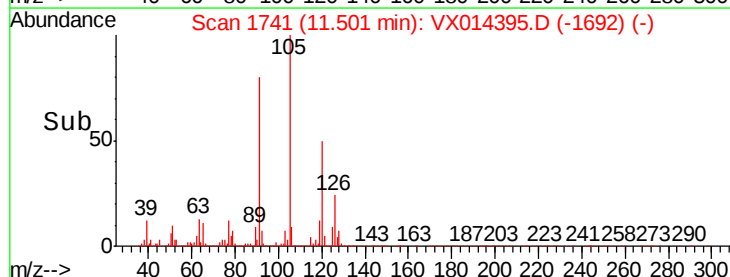
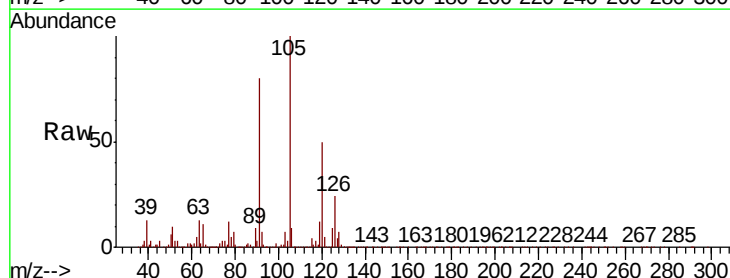
Acq: 03 Jan 2020 13:07

Tgt Ion: 105 Resp: 379486

Ion Ratio Lower Upper

105 100

120 50.2 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.380 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014395.D

Acq: 03 Jan 2020 13:07

Instrument :

MSVOA_X

ClientSampleId :

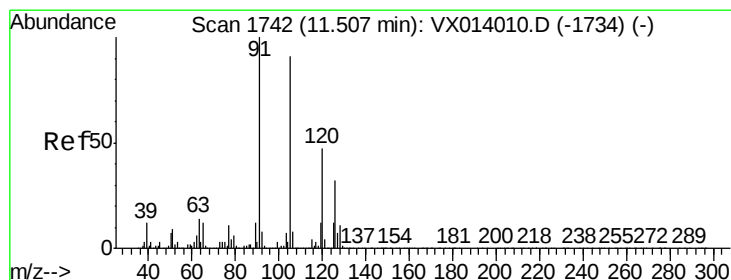
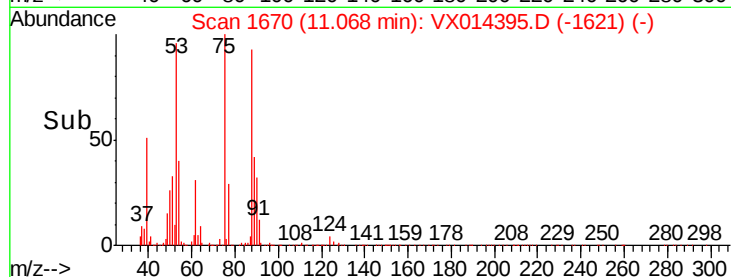
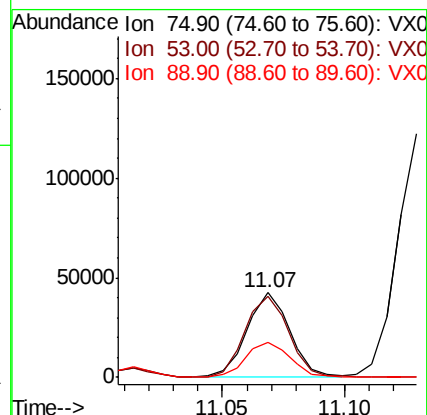
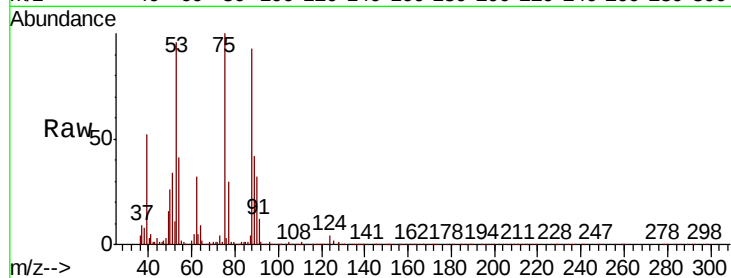
Tot Ion: 75 Resp: 50925

Ion Ratio Lower Upper

75 100

53 99.6 76.7 115.1

89 44.4 34.6 51.8



#82

4-Chlorotoluene

Concen: 18.476 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014395.D

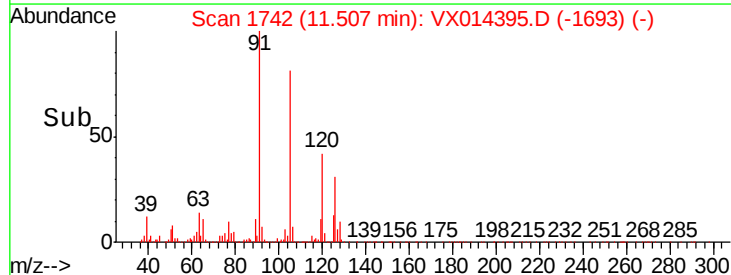
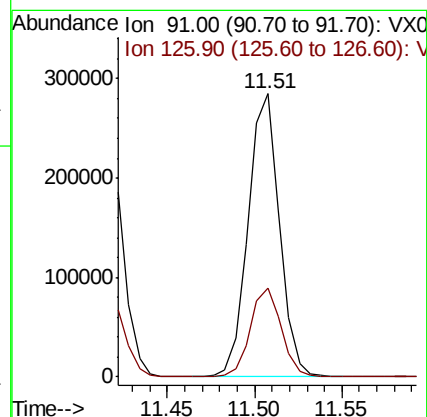
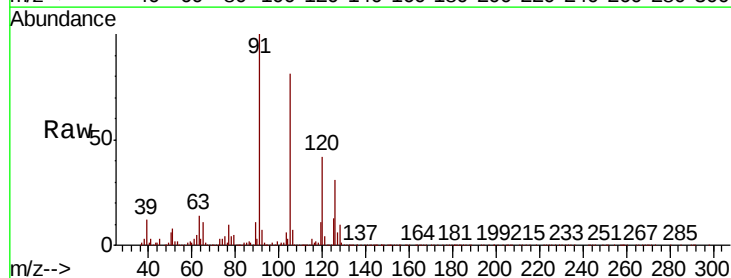
Acq: 03 Jan 2020 13:07

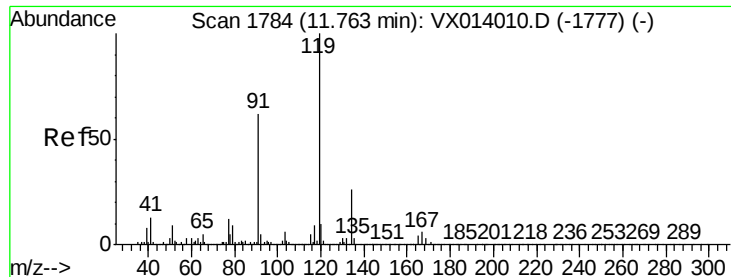
Tgt Ion: 91 Resp: 351492

Ion Ratio Lower Upper

91 100

126 31.3 15.6 46.8





#83

tert-Butylbenzene

Concen: 18.522 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014395.D

Acq: 03 Jan 2020 13:07

Instrument :

MSVOA_X

ClientSampleId :

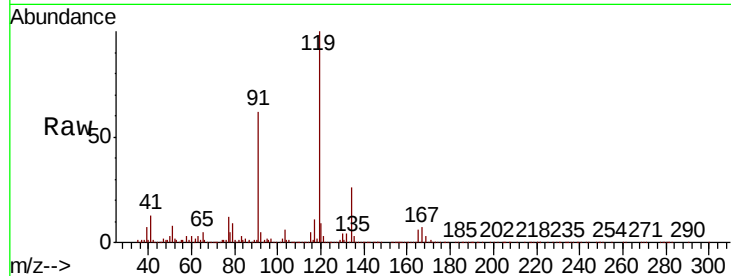
Tot Ion:119 Resp: 364897

Ion Ratio Lower Upper

119 100

91 58.0 28.5 85.6

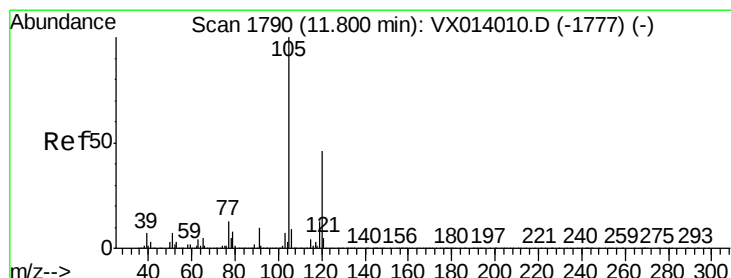
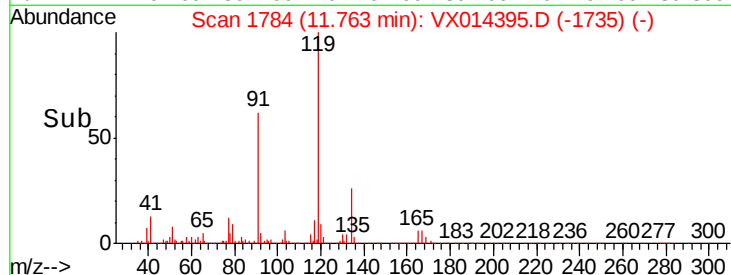
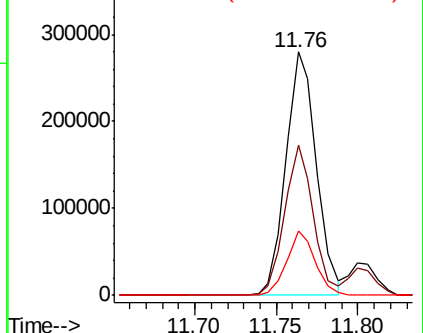
134 24.7 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.993 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX014395.D

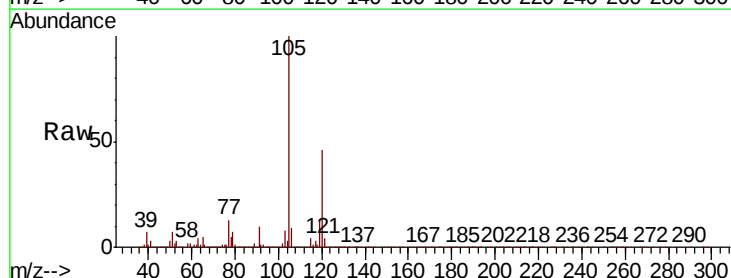
Acq: 03 Jan 2020 13:07

Tgt Ion:105 Resp: 385040

Ion Ratio Lower Upper

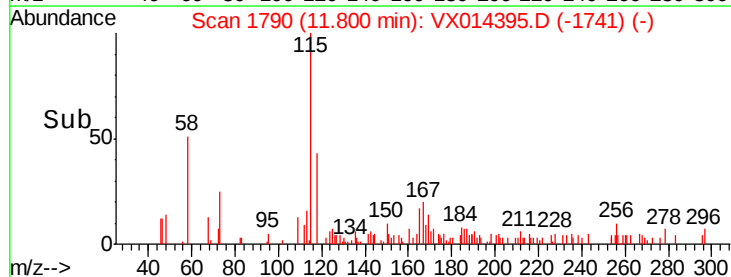
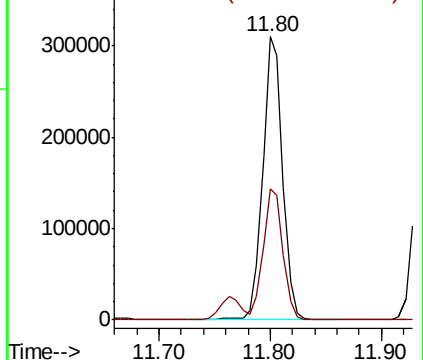
105 100

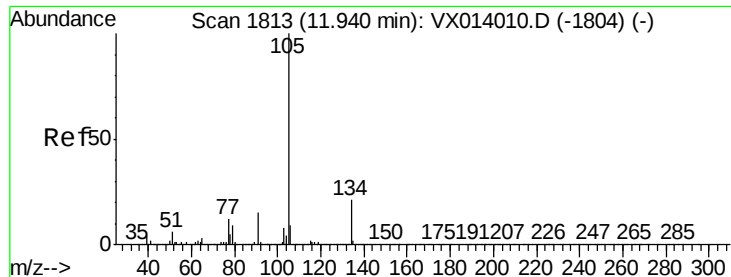
120 45.8 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.016 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014395.D

Acq: 03 Jan 2020 13:07

Instrument :

MSVOA_X

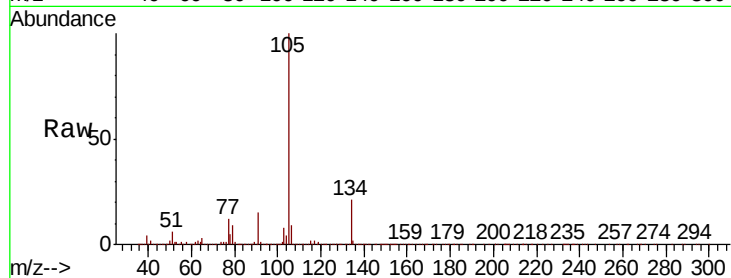
ClientSampleId :

Tot Ion:105 Resp: 442257

Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

400000

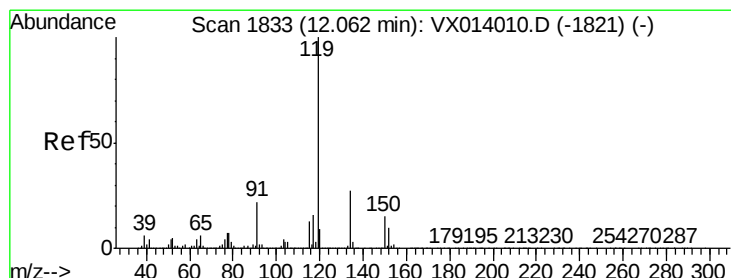
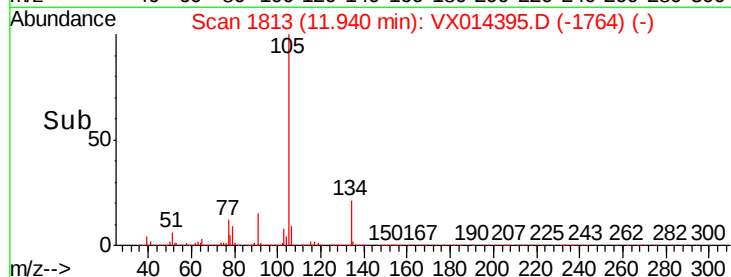
300000

200000

100000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 19.089 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014395.D

Acq: 03 Jan 2020 13:07

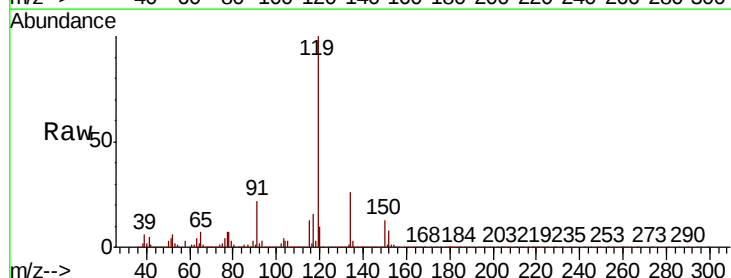
Tgt Ion:119 Resp: 406098

Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.1

91 22.3 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

400000

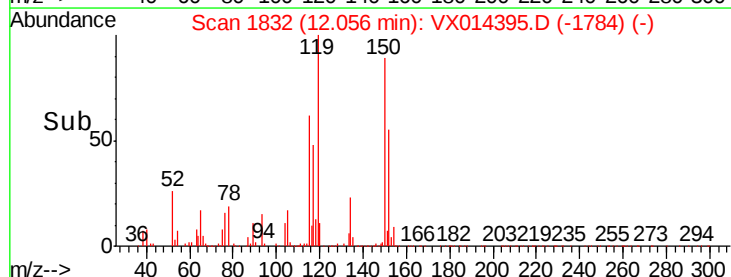
300000

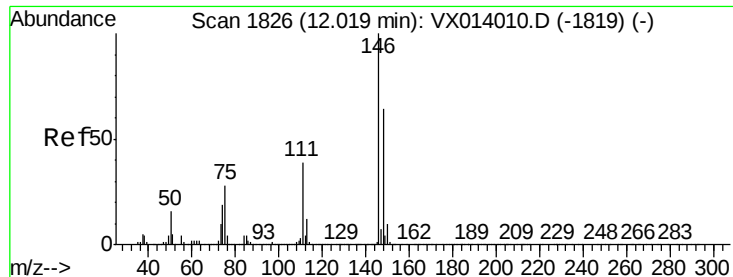
200000

100000

0

Time--> 12.00 12.10 12.20





#87

1,3-Dichlorobenzene

Concen: 18.025 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014395.D

Acq: 03 Jan 2020 13:07

Instrument :

MSVOA_X

ClientSampleId :

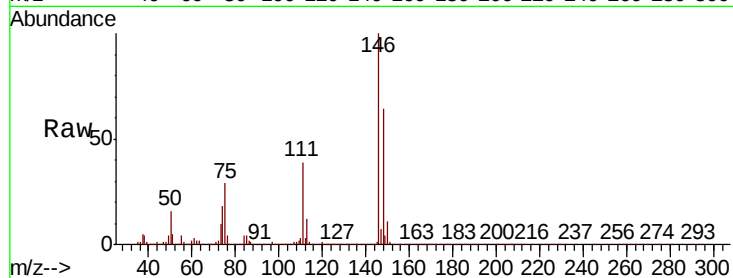
Tot Ion:146 Resp: 209069

Ion Ratio Lower Upper

146 100

111 38.3 19.1 57.1

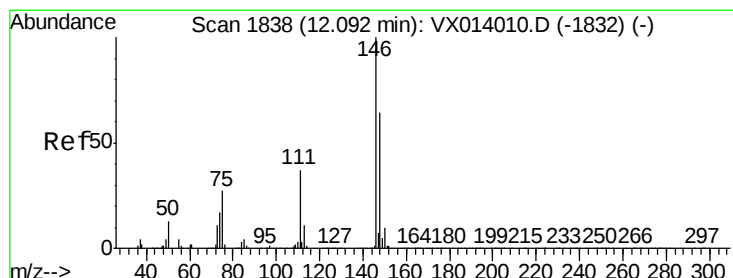
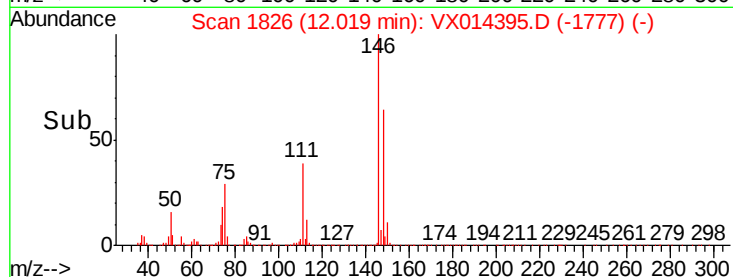
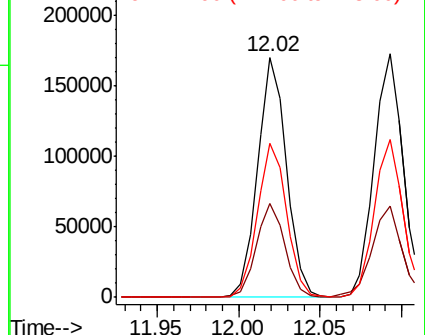
148 65.1 32.3 96.9



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: 18.157 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014395.D

Acq: 03 Jan 2020 13:07

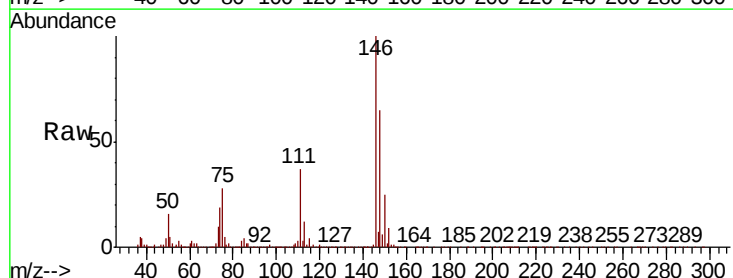
Tgt Ion:146 Resp: 214135

Ion Ratio Lower Upper

146 100

111 38.0 18.7 56.1

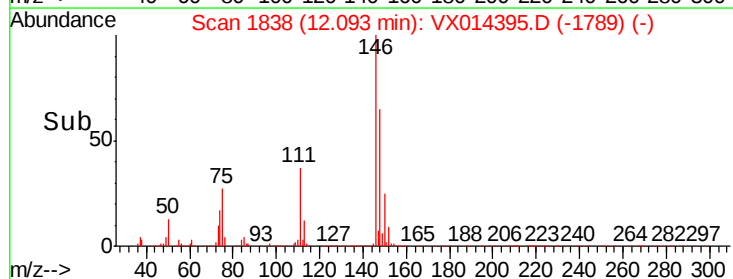
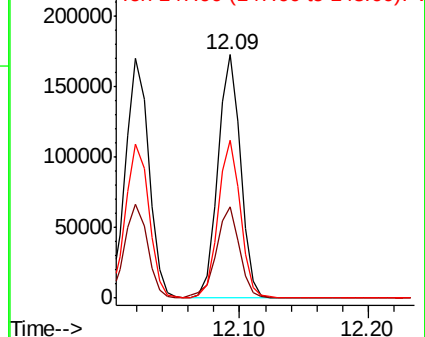
148 63.7 31.9 95.9



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: 18.601 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014395.D

Acq: 03 Jan 2020 13:07

Instrument :

MSVOA_X

ClientSampleId :

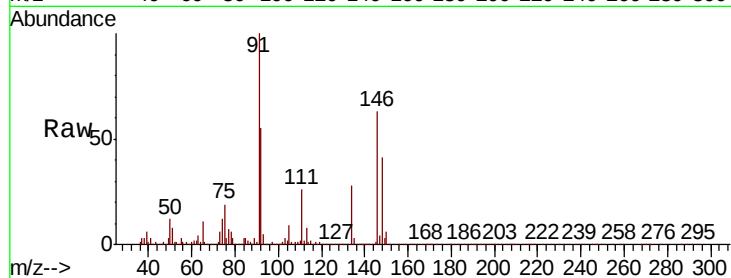
Tot Ion: 91 Resp: 337657

Ion Ratio Lower Upper

91 100

92 55.3 27.2 81.6

134 27.3 13.4 40.1

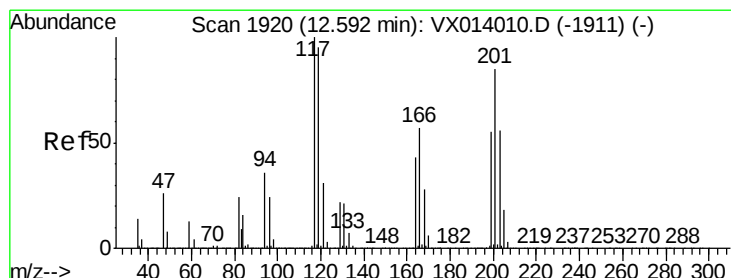
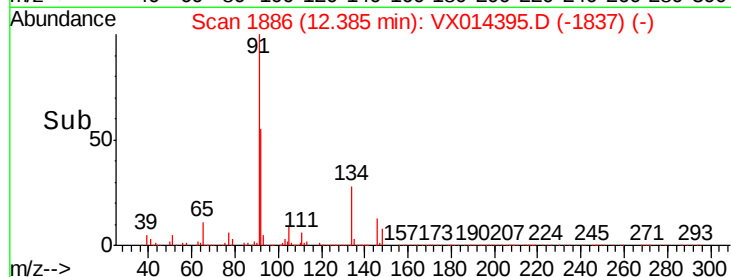


Abundance Ion 91.00 (90.70 to 91.70): VX014010.D (-1878) (-)

Ion 92.00 (91.70 to 92.70): VX014010.D (-1878) (-)

Ion 134.00 (133.70 to 134.70): VX014010.D (-1878) (-)

Time--> 12.30 12.35 12.40 12.45



#90

Hexachloroethane

Concen: 18.722 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014395.D

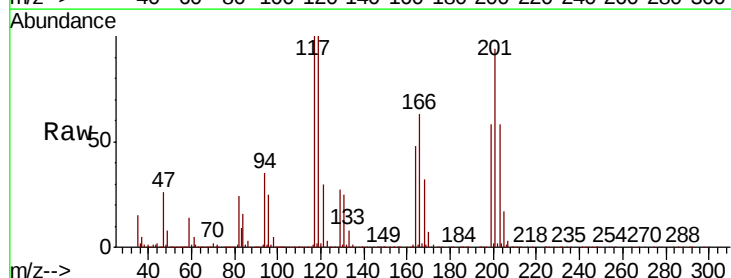
Acq: 03 Jan 2020 13:07

Tgt Ion: 117 Resp: 71541

Ion Ratio Lower Upper

117 100

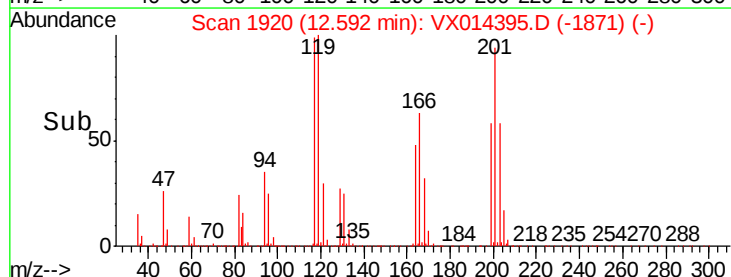
201 85.8 43.1 129.3

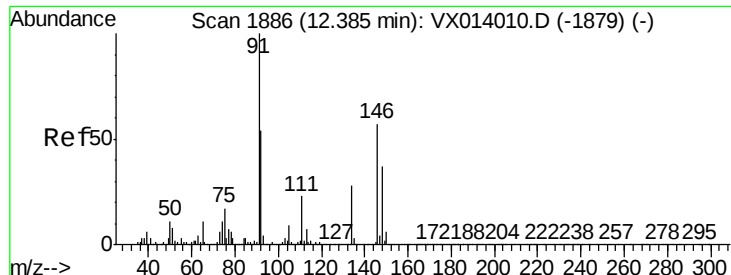


Abundance Ion 116.80 (116.50 to 117.50): VX014010.D (-1911) (-)

Ion 200.70 (200.40 to 201.40): VX014010.D (-1911) (-)

Time--> 12.50 12.55 12.60 12.65





#91

1,2-Dichlorobenzene

Concen: 18.262 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014395.D

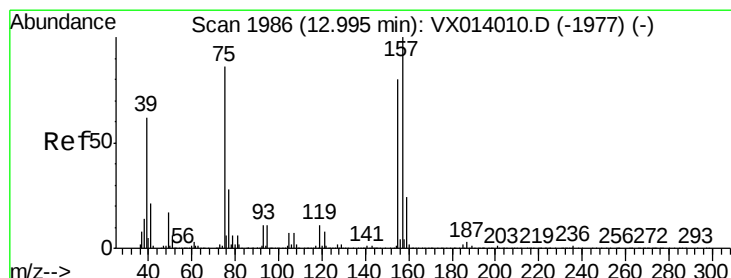
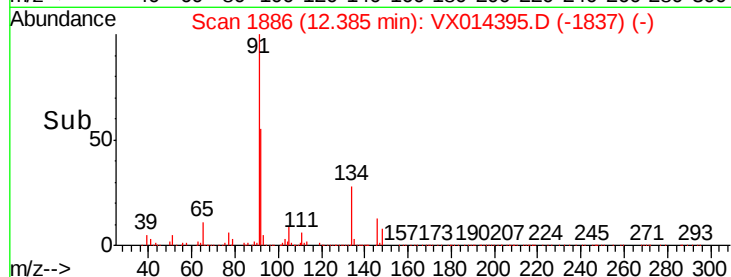
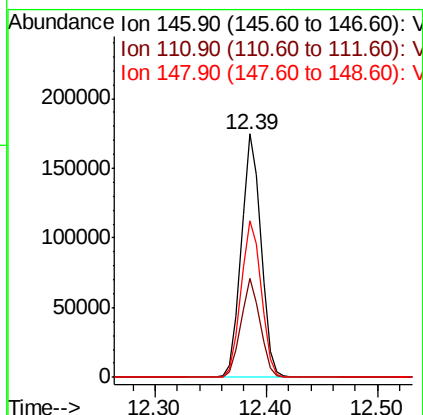
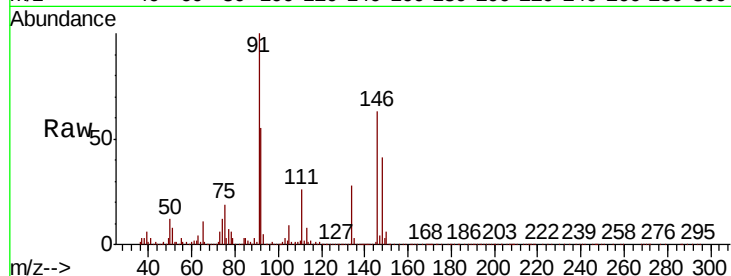
Acq: 03 Jan 2020 13:07

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	146	Resp:	213236
Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.7	59.1
148	66.3	32.1	96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.061 ug/l

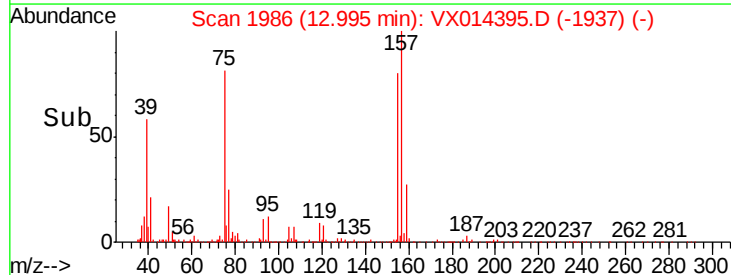
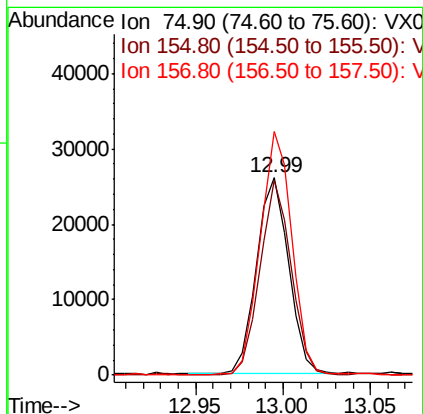
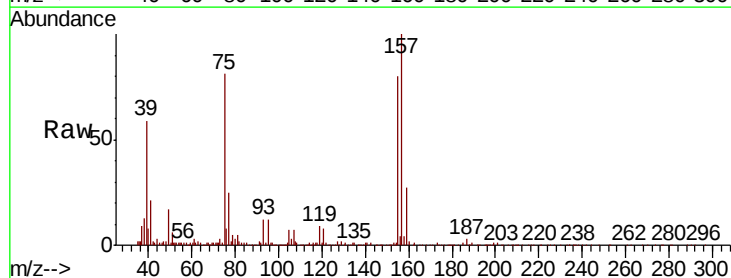
RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014395.D

Acq: 03 Jan 2020 13:07

Tgt Ion:	75	Resp:	33330
Ion	Ratio	Lower	Upper
75	100		
155	96.7	46.9	140.6
157	123.1	60.8	182.4





#93

1,2,4-Trichlorobenzene

Concen: 18.466 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX014395.D

Acq: 03 Jan 2020 13:07

Instrument :

MSVOA_X

ClientSampleId :

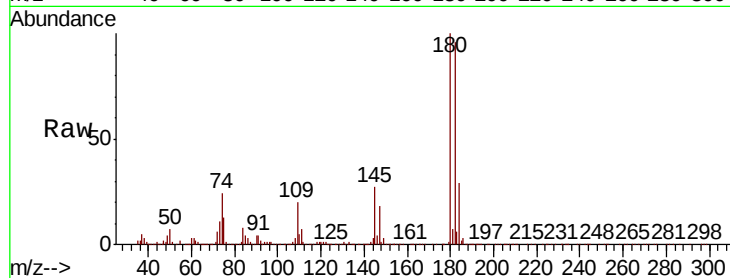
Tot Ion:180 Resp: 140141

Ion Ratio Lower Upper

180 100

182 93.9 46.6 139.8

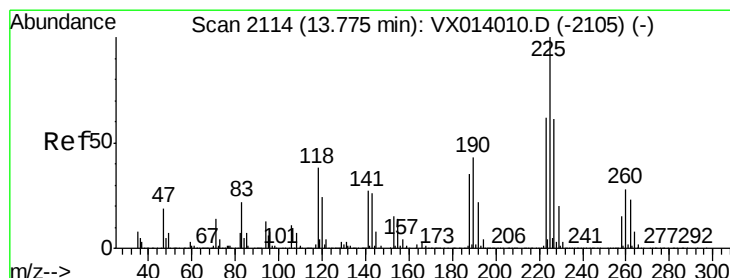
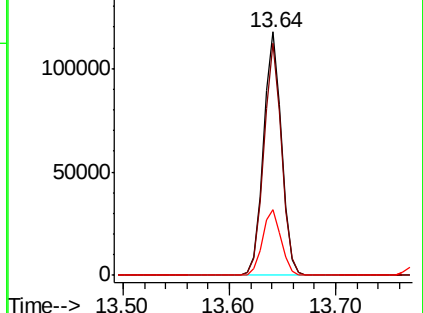
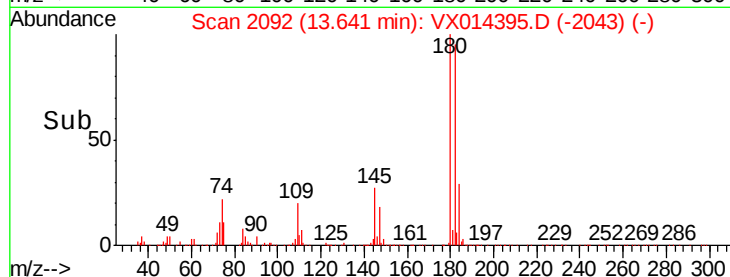
145 27.6 14.2 42.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 18.906 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX014395.D

Acq: 03 Jan 2020 13:07

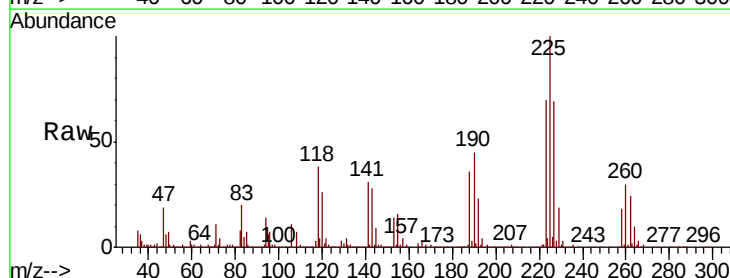
Tgt Ion:225 Resp: 68954

Ion Ratio Lower Upper

225 100

223 66.6 30.9 92.5

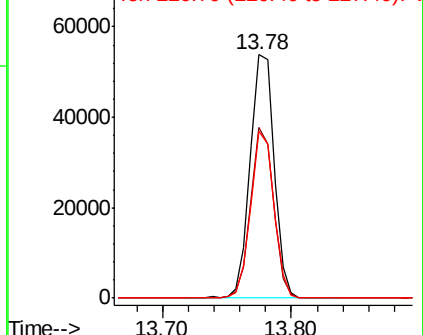
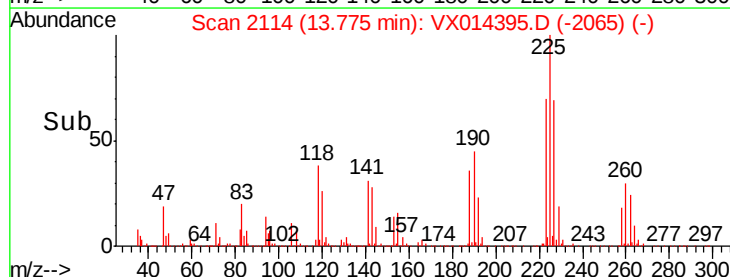
227 65.9 30.9 92.7

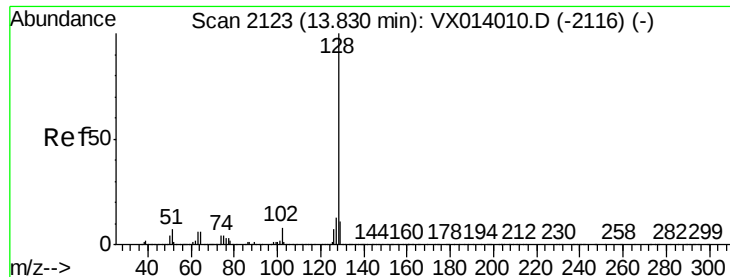


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

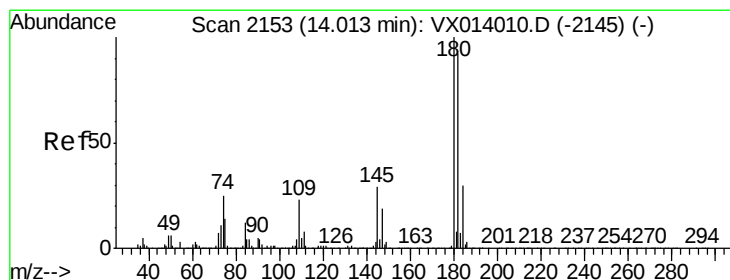
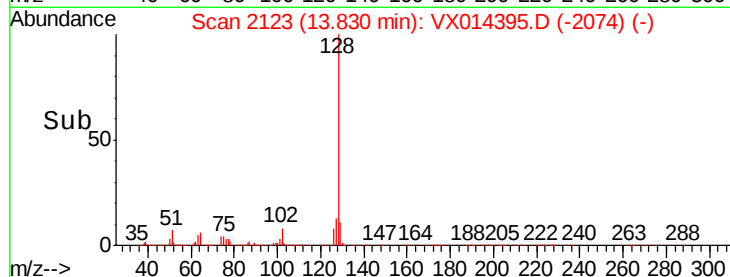
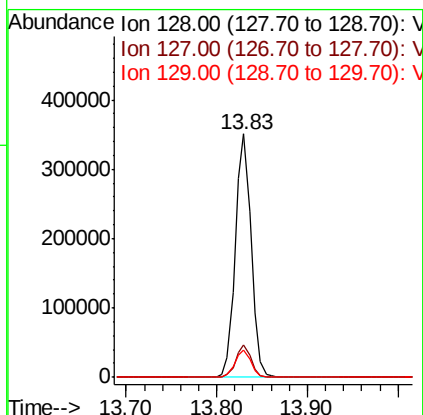
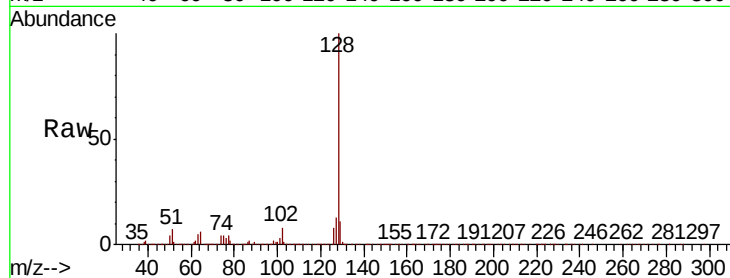




#95
Naphthalene
Concen: 19.060 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014395.D
Acq: 03 Jan 2020 13:07

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	11.1	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.280 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014395.D
Acq: 03 Jan 2020 13:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	46.8	140.3
145	29.5	14.8	44.4

