

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010720\
 Data File : VX014450.D
 Acq On : 07 Jan 2020 15:31
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Jan 07 15:51:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:22:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	527924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	805859	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	744483	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	399273	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	866903	145.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	291.06%	
35) Dibromofluoromethane	5.49	113	726281	148.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	296.96%	
50) Toluene-d8	8.71	98	2841925	149.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	299.84%	
62) 4-Bromofluorobenzene	11.14	95	1077956	155.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	311.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	977241	191.484	ug/l	99
3) Chloromethane	1.32	50	992767	153.549	ug/l	99
4) Vinyl Chloride	1.40	62	1152810	165.375	ug/l	99
5) Bromomethane	1.63	94	812038	169.151	ug/l	98
6) Chloroethane	1.70	64	595315	142.008	ug/l	99
7) Trichlorofluoromethane	1.92	101	1221701	145.602	ug/l	98
8) Diethyl Ether	2.18	74	532036	136.374	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	718451	142.186	ug/l	99
10) Methyl Iodide	2.50	142	979637	158.621	ug/l	99
11) Tert butyl alcohol	3.05	59	918053	701.033	ug/l	99
12) 1,1-Dichloroethene	2.36	96	742566	144.560	ug/l	99
13) Acrolein	2.28	56	734670	913.087	ug/l	99
14) Allyl chloride	2.72	41	1322312	144.745	ug/l	99
15) Acrylonitrile	3.14	53	2200664	725.076	ug/l	99
16) Acetone	2.44	43	2197911	585.075	ug/l	100
17) Carbon Disulfide	2.56	76	2118740	140.648	ug/l	99
18) Methyl Acetate	2.76	43	1321402	165.676	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	2444649	145.411	ug/l	100
20) Methylene Chloride	2.85	84	810801	131.711	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	790891	140.223	ug/l	97
22) Diisopropyl ether	3.84	45	2584491	142.278	ug/l	99
23) Vinyl Acetate	3.81	43	9825892	671.391	ug/l	98
24) 1,1-Dichloroethane	3.69	63	1397259	138.195	ug/l	99
25) 2-Butanone	4.66	43	3237811	682.758	ug/l	99
26) 2,2-Dichloropropane	4.58	77	1188745	150.259	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	899073	141.102	ug/l	100
28) Bromochloromethane	5.01	49	539709	154.215	ug/l	98
29) Tetrahydrofuran	5.12	42	1963071	726.306	ug/l	100
30) Chloroform	5.20	83	1362499	142.292	ug/l	97
31) Cyclohexane	5.57	56	1339755	147.753	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	1197299	146.174	ug/l	99
36) 1,1-Dichloropropene	5.79	75	1087776	145.859	ug/l	100
37) Ethyl Acetate	4.82	43	1202612	146.830	ug/l	100
38) Carbon Tetrachloride	5.78	117	1052352	154.632	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	1412507	152.348	ug/l	98
40) Benzene	6.14	78	3227485	141.170	ug/l	99
41) Methacrylonitrile	5.03	41	667223	146.457	ug/l	99
42) 1,2-Dichloroethane	6.19	62	1093356	141.053	ug/l	100
43) Isopropyl Acetate	6.44	43	2028463	149.425	ug/l	100
44) Trichloroethene	7.21	130	926864	145.363	ug/l	99
45) 1,2-Dichloropropane	7.51	63	839207	143.255	ug/l	98
46) Dibromomethane	7.65	93	553323	142.372	ug/l	99
47) Bromodichloromethane	7.89	83	1113411	152.303	ug/l	99
48) Methyl methacrylate	7.76	41	1008018	151.736	ug/l	99
49) 1,4-Dioxane	7.73	88	372924	2739.648	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	6136853	722.237	ug/l	99
52) Toluene	8.78	92	2071761	143.094	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	1323003	164.743	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	1412024	157.847	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	834951	144.105	ug/l	100
56) Ethyl methacrylate	9.17	69	1417322	156.103	ug/l	99
57) 1,3-Dichloropropane	9.37	76	1411638	145.426	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	2354111	702.114	ug/l	100
59) 2-Hexanone	9.49	43	4866446	716.093	ug/l	99
60) Dibromochloromethane	9.58	129	938340	162.525	ug/l	100
61) 1,2-Dibromoethane	9.67	107	890347	150.186	ug/l	99
64) Tetrachloroethene	9.33	164	1035724	152.467	ug/l	98
65) Chlorobenzene	10.14	112	2268007	142.334	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	851780	149.627	ug/l	99
67) Ethyl Benzene	10.25	91	3976348	145.397	ug/l	99
68) m/p-Xylenes	10.36	106	3093138	293.542	ug/l	98
69) o-Xylene	10.70	106	1499412	145.718	ug/l	99
70) Styrene	10.71	104	2639579	151.573	ug/l	99
71) Bromoform	10.86	173	775342	168.834	ug/l	99
73) Isopropylbenzene	11.01	105	3913299	138.661	ug/l	99
74) N-amyl acetate	10.89	43	1886220	143.966	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	1292032	134.176	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	1579307	186.415	ug/l	80
77) Bromobenzene	11.25	156	1066861	137.214	ug/l	99
78) n-propylbenzene	11.35	91	4529987	143.110	ug/l	99
79) 2-Chlorotoluene	11.42	91	2654416	138.429	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	3386214	142.734	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	512837	165.884	ug/l	97
82) 4-Chlorotoluene	11.51	91	3183534	142.693	ug/l	99
83) tert-Butylbenzene	11.77	119	3232772	141.012	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	3384489	142.619	ug/l	99
85) sec-Butylbenzene	11.94	105	3951952	144.681	ug/l	99
86) p-Isopropyltoluene	12.06	119	3701670	147.873	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	1943964	142.511	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	1947245	139.987	ug/l	100
89) n-Butylbenzene	12.39	91	3403903	158.674	ug/l	99
90) Hexachloroethane	12.59	117	694122	155.049	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	1900027	138.921	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	300905	138.970	ug/l	97

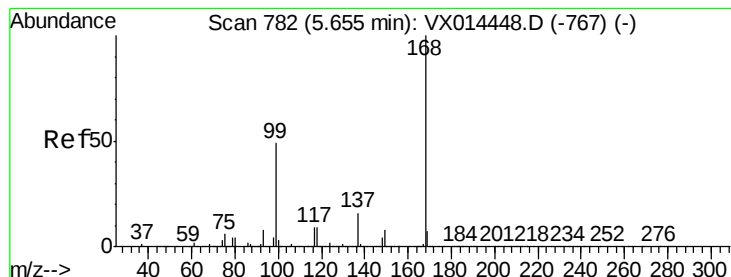
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010720\
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Acq On : 07 Jan 2020 15:31
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Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:22:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	1436062	158.427	ug/l	98
94) Hexachlorobutadiene	13.78	225	672990	154.646	ug/l	98
95) Naphthalene	13.83	128	4177486	157.495	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	1401448	157.321	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014450.D

Acq: 07 Jan 2020 15:31

Instrument :

MSVOA_X

ClientSampleId :

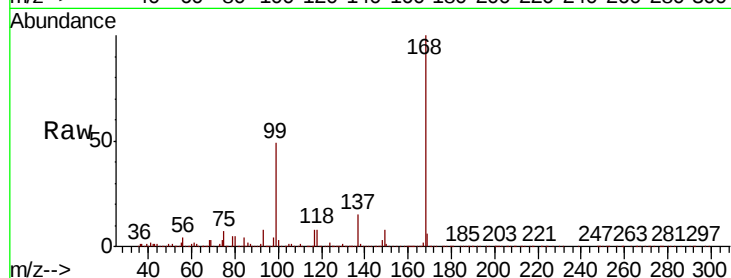
VSTDIC150

Tot Ion:168 Resp: 527924

Ion Ratio Lower Upper

168 100

99 48.9 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

100000

50000

0

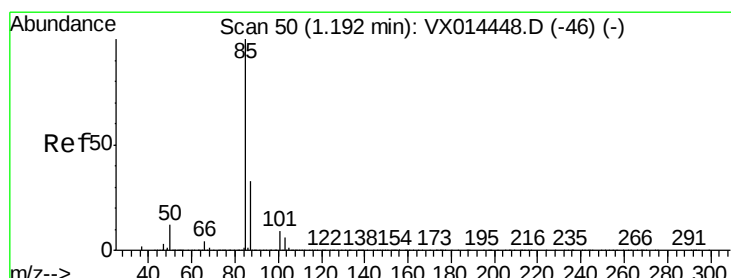
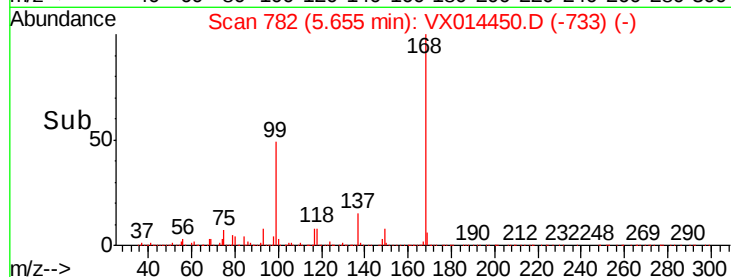
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 191.484 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014450.D

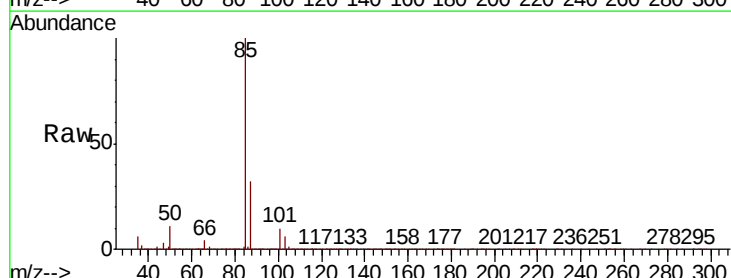
Acq: 07 Jan 2020 15:31

Tgt Ion: 85 Resp: 977241

Ion Ratio Lower Upper

85 100

87 32.5 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1200000

1000000

800000

600000

400000

200000

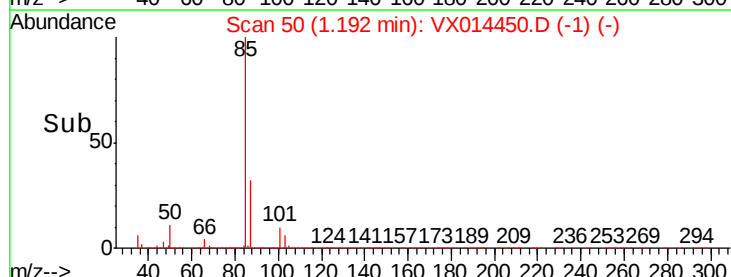
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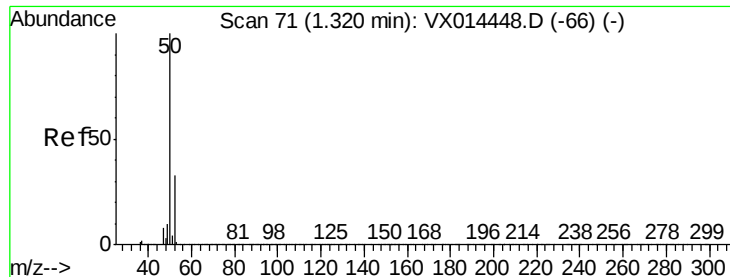
1.10

1.20

1.30

Time-->





#3

Chloromethane

Concen: 153.549 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014450.D

Acq: 07 Jan 2020 15:31

Instrument :

MSVOA_X

ClientSampleId :

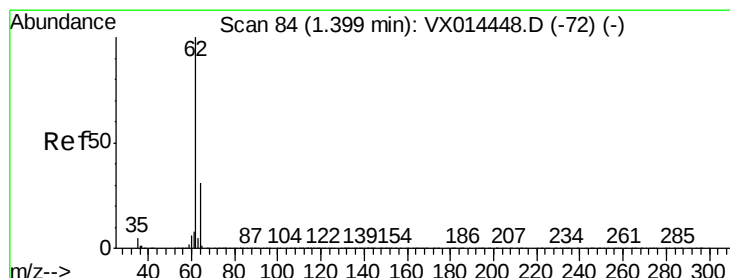
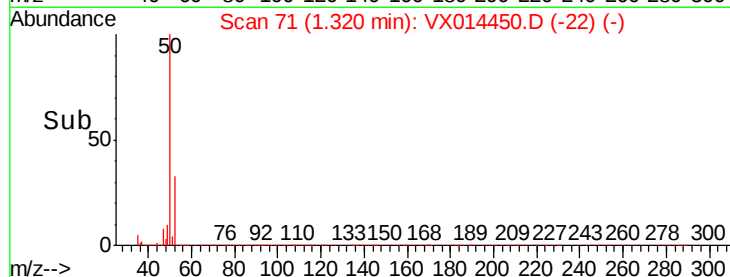
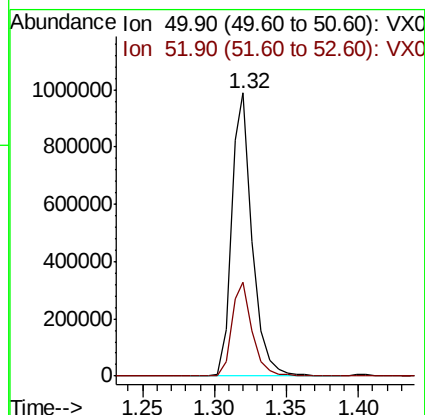
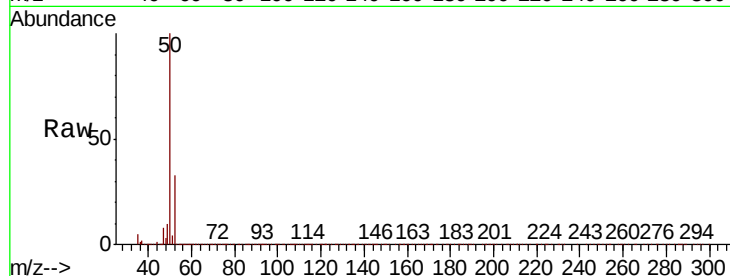
VSTDIC150

Tot Ion: 50 Resp: 992767

Ion Ratio Lower Upper

50 100

52 33.0 26.1 39.1



#4

Vinyl Chloride

Concen: 165.375 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014450.D

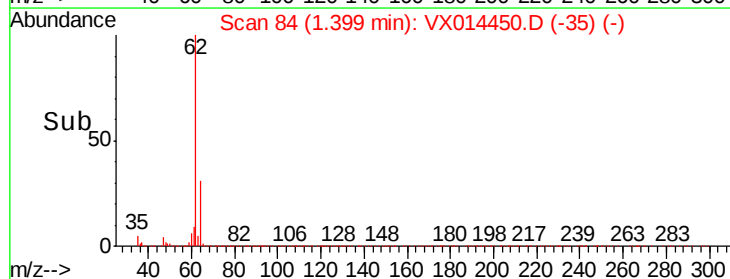
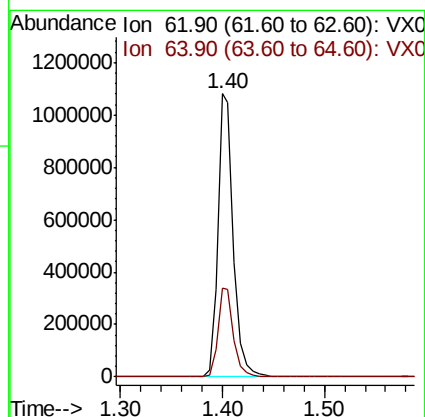
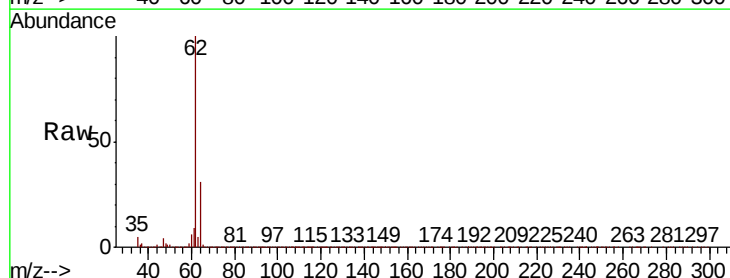
Acq: 07 Jan 2020 15:31

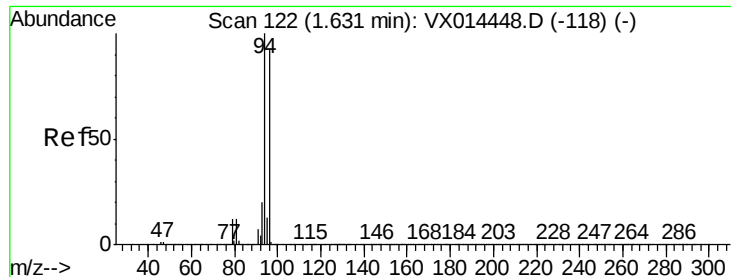
Tgt Ion: 62 Resp: 1152810

Ion Ratio Lower Upper

62 100

64 31.3 24.6 37.0





#5

Bromomethane

Concen: 169.151 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014450.D

Acq: 07 Jan 2020 15:31

Instrument :

MSVOA_X

ClientSampleId :

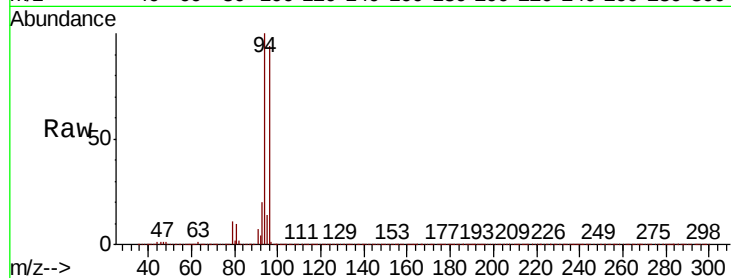
VSTDIC150

Tot Ion: 94 Resp: 812038

Ion Ratio Lower Upper

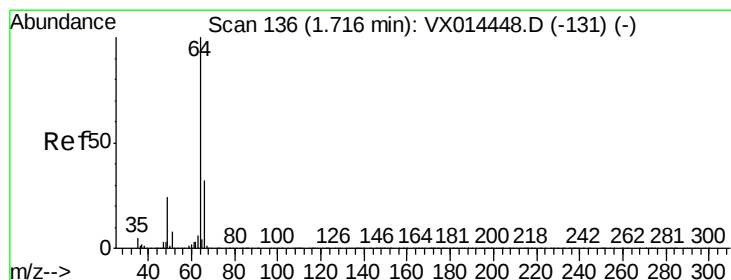
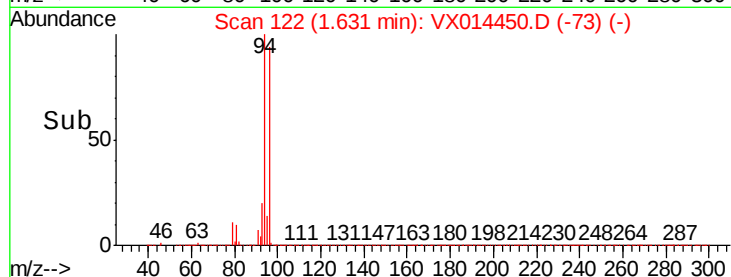
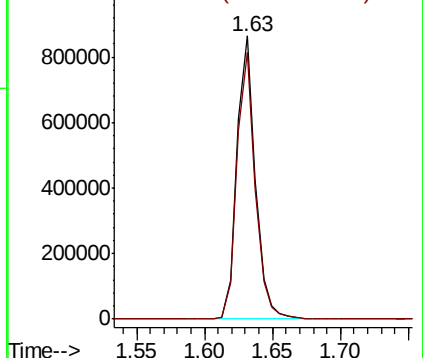
94 100

96 94.4 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 142.008 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX014450.D

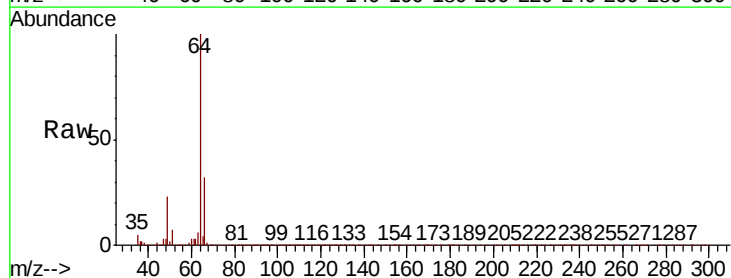
Acq: 07 Jan 2020 15:31

Tgt Ion: 64 Resp: 595315

Ion Ratio Lower Upper

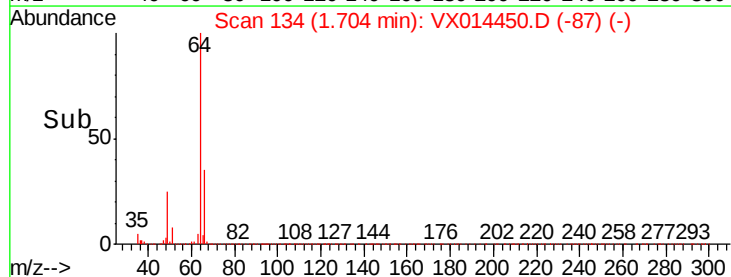
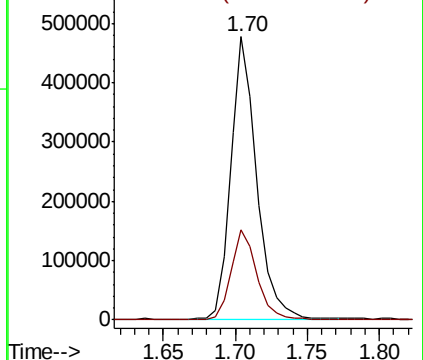
64 100

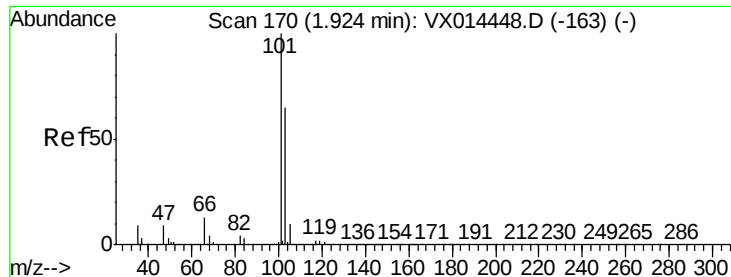
66 31.9 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



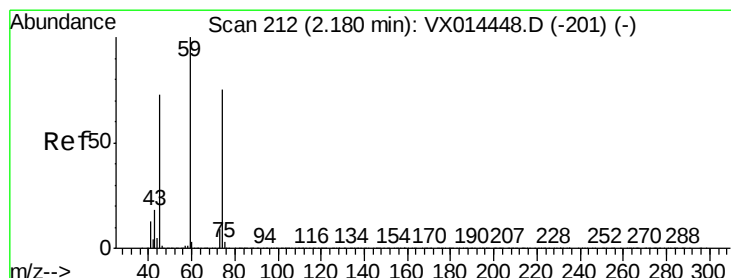
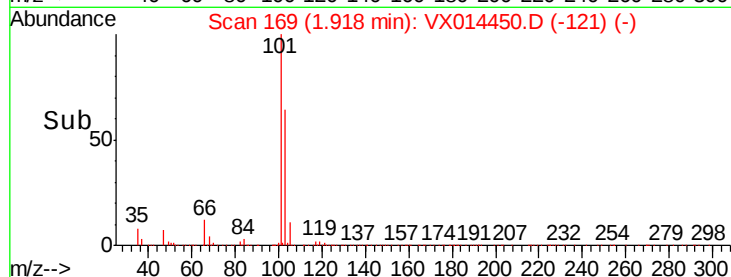
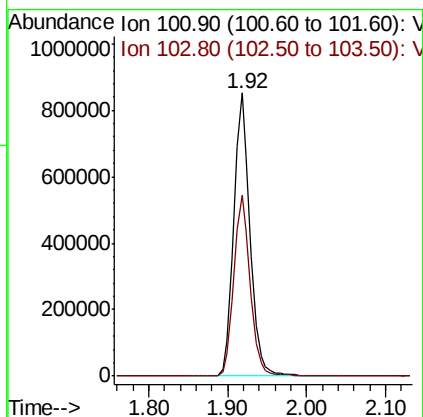
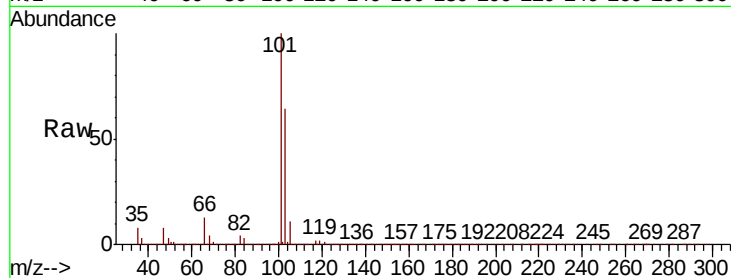


#7

Trichlorofluoromethane
 Concen: 145.602 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX014450.D
 Acq: 07 Jan 2020 15:31

Instrument :
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 VSTDIC150

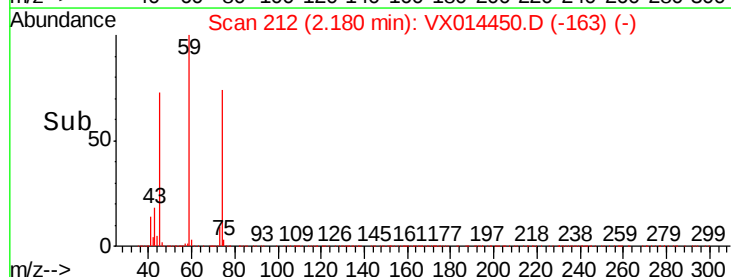
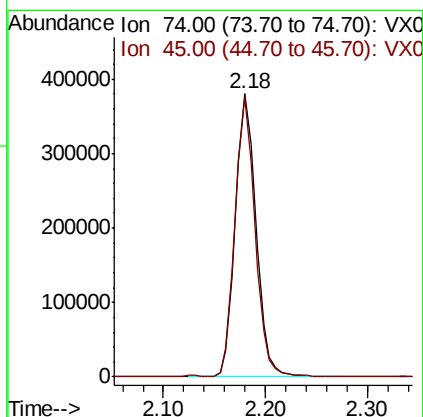
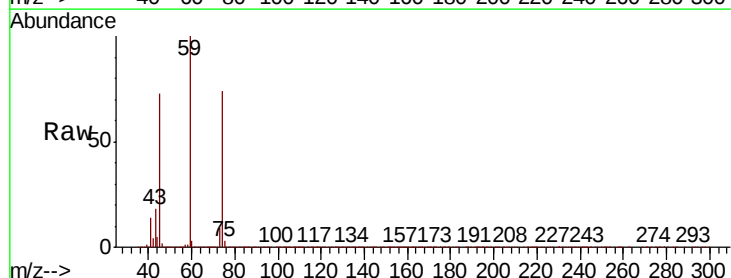
Tot Ion:101 Resp: 1221701
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.2 78.4

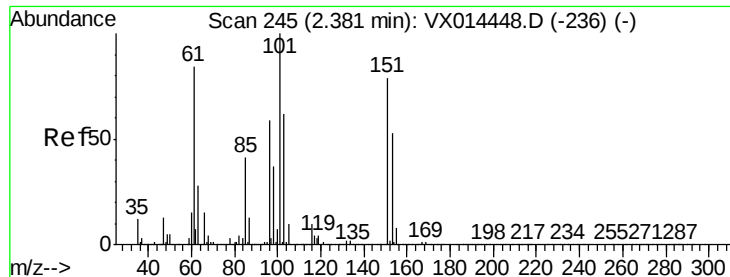


#8

Diethyl Ether
 Concen: 136.374 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX014450.D
 Acq: 07 Jan 2020 15:31

Tgt Ion: 74 Resp: 532036
 Ion Ratio Lower Upper
 74 100
 45 95.5 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 142.186 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014450.D

Acq: 07 Jan 2020 15:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

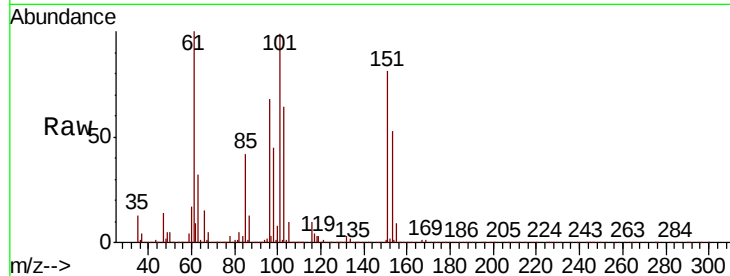
Tot Ion:101 Resp: 718451

Ion Ratio Lower Upper

101 100

85 41.9 33.8 50.8

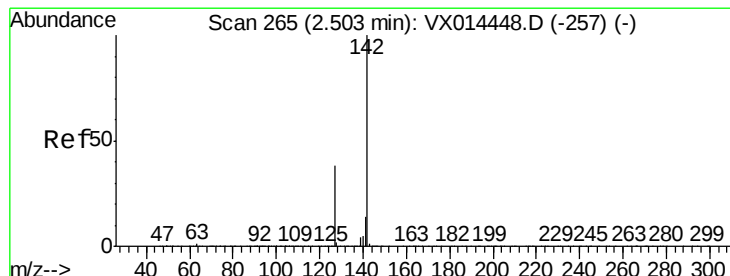
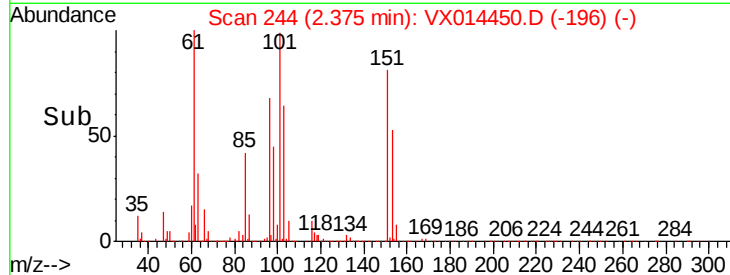
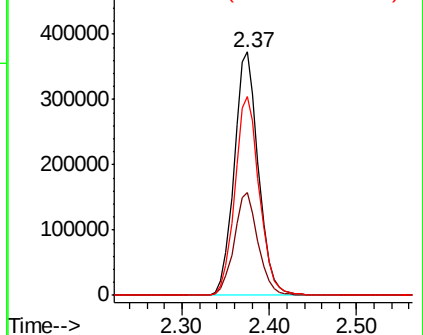
151 82.5 65.3 97.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 158.621 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014450.D

Acq: 07 Jan 2020 15:31

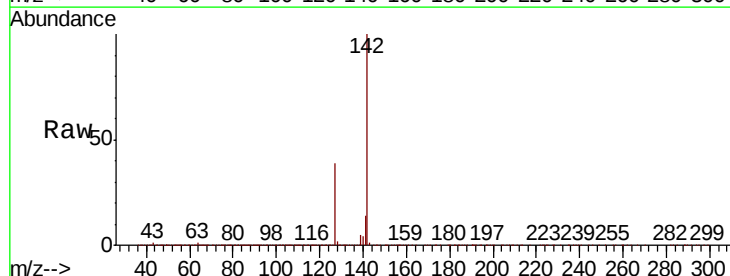
Tgt Ion:142 Resp: 979637

Ion Ratio Lower Upper

142 100

127 38.3 31.2 46.8

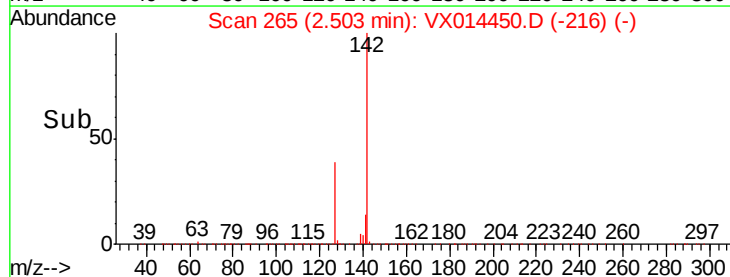
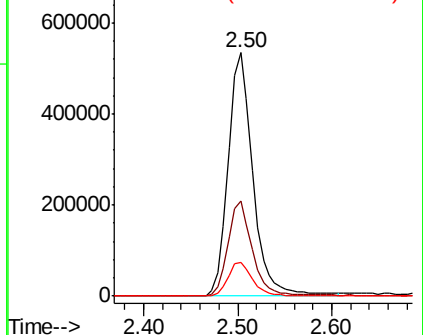
141 14.0 11.4 17.2

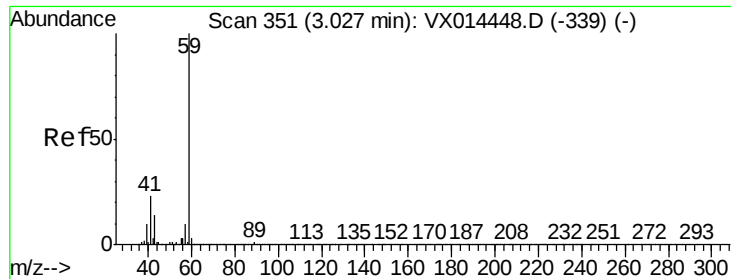


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

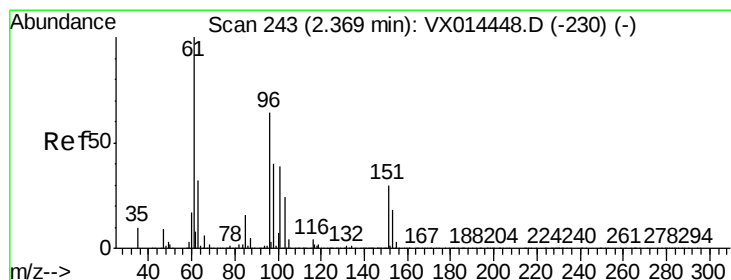
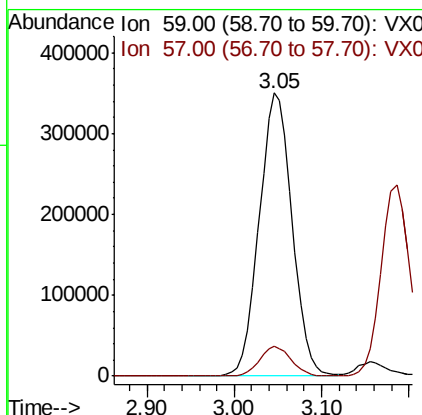
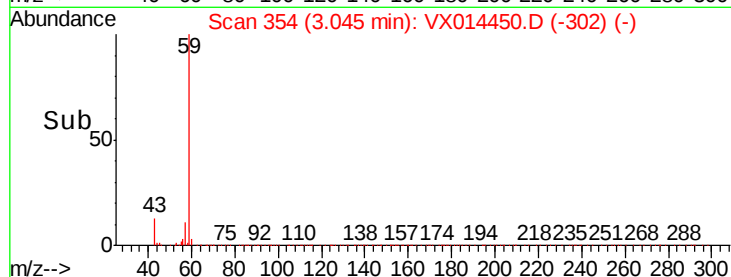
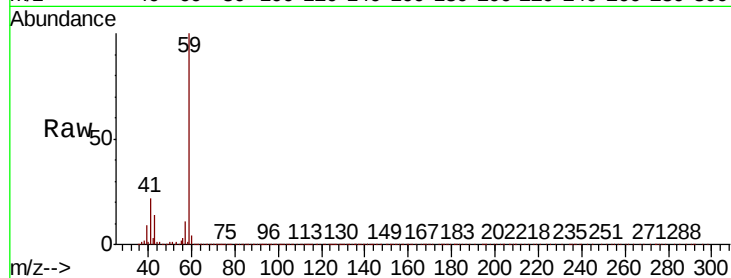




#11
Tert butyl alcohol
Concen: 701.033 ug/l
RT: 3.05 min Scan# 354
Delta R.T. 0.02 min
Lab File: VX014450.D
Acq: 07 Jan 2020 15:31

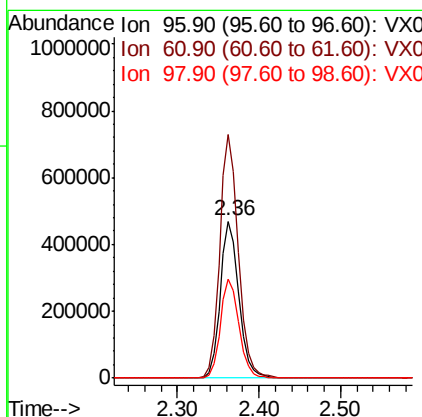
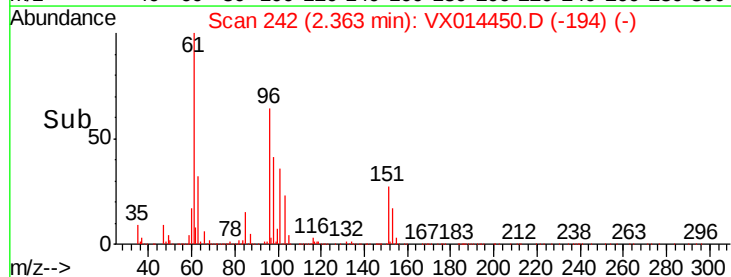
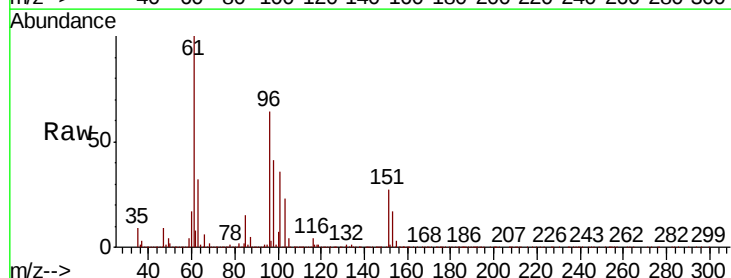
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

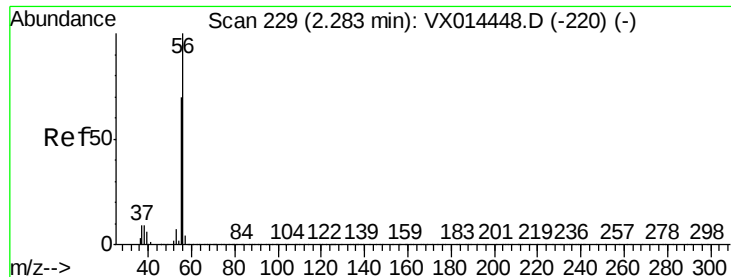
Tot Ion: 59 Resp: 918053
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7



#12
1,1-Dichloroethene
Concen: 144.560 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.01 min
Lab File: VX014450.D
Acq: 07 Jan 2020 15:31

Tgt Ion: 96 Resp: 742566
Ion Ratio Lower Upper
96 100
61 155.1 125.0 187.6
98 63.3 50.2 75.2

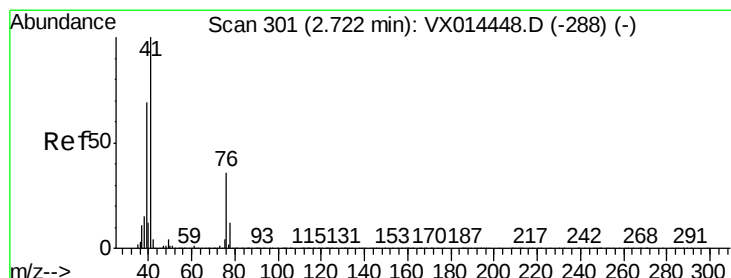
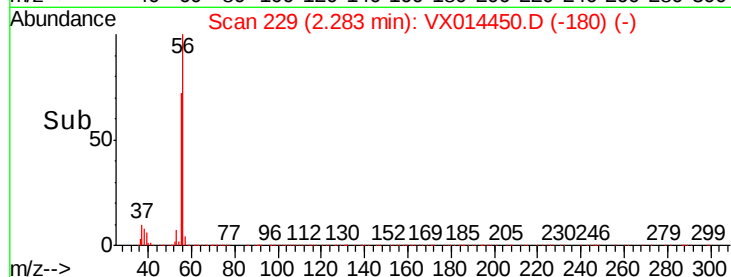
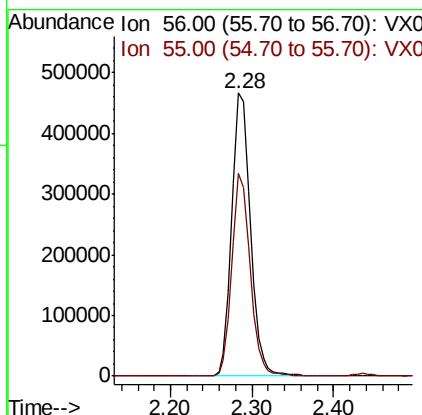
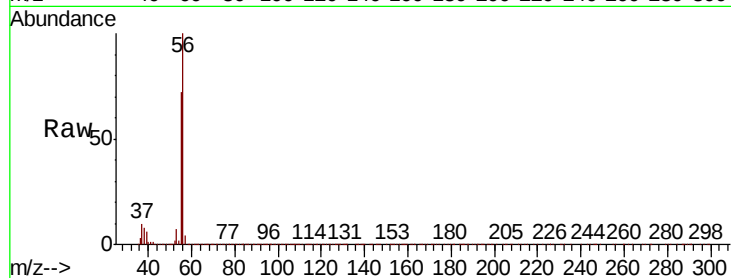




#13
Acrolein
Concen: 913.087 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014450.D
Acq: 07 Jan 2020 15:31

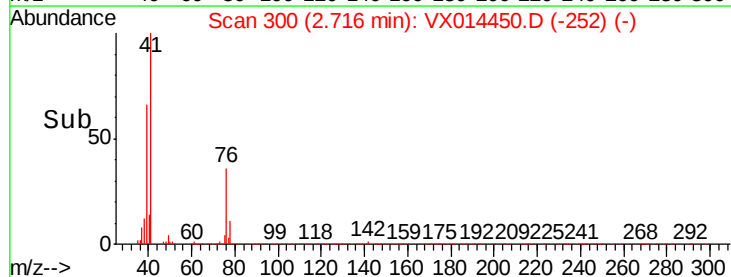
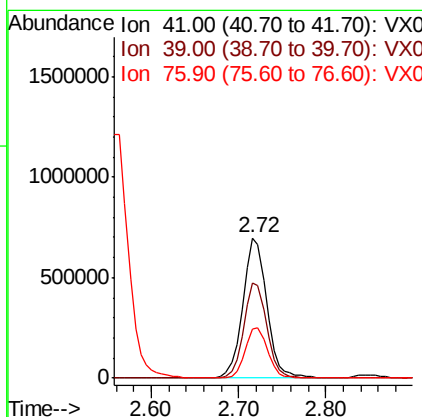
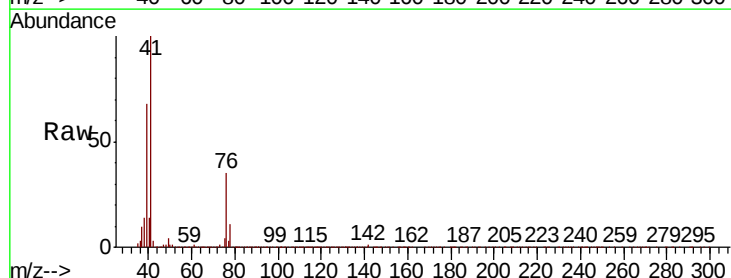
Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

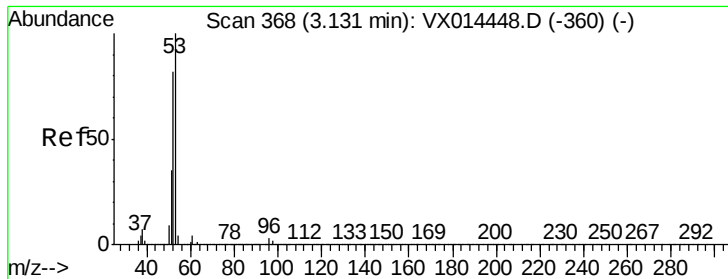
Tot Ion: 56 Resp: 734670
Ion Ratio Lower Upper
56 100
55 69.9 55.0 82.6



#14
Allyl chloride
Concen: 144.745 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.01 min
Lab File: VX014450.D
Acq: 07 Jan 2020 15:31

Tgt Ion: 41 Resp: 1322312
Ion Ratio Lower Upper
41 100
39 65.1 51.7 77.5
76 34.0 26.8 40.2





#15

Acrylonitrile

Concen: 725.076 ug/l

RT: 3.14 min Scan# 369

Delta R.T. 0.01 min

Lab File: VX014450.D

Acq: 07 Jan 2020 15:31

Instrument :

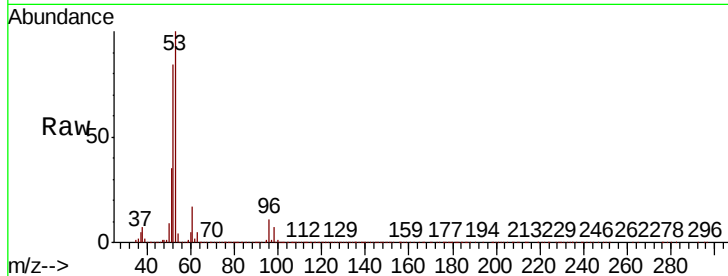
MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 53 Resp: 2200664

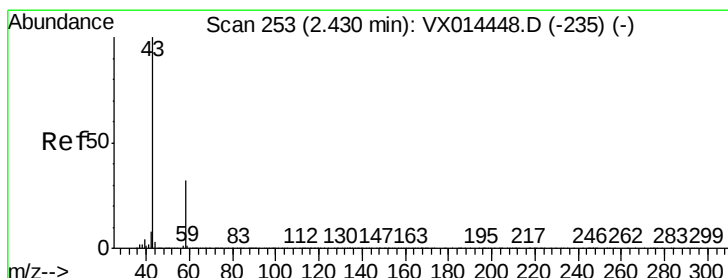
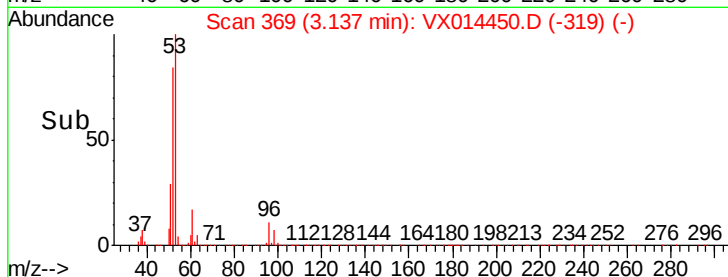
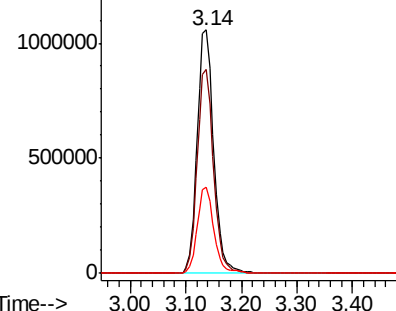
Ion	Ratio	Lower	Upper
53	100		
52	82.6	67.0	100.4
51	35.2	28.5	42.7



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 585.075 ug/l

RT: 2.44 min Scan# 254

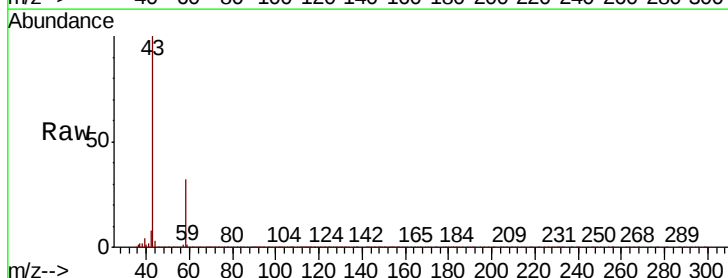
Delta R.T. 0.01 min

Lab File: VX014450.D

Acq: 07 Jan 2020 15:31

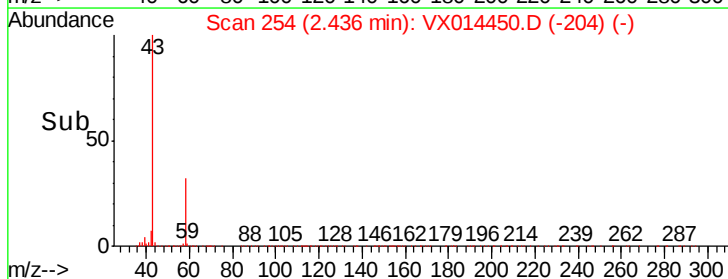
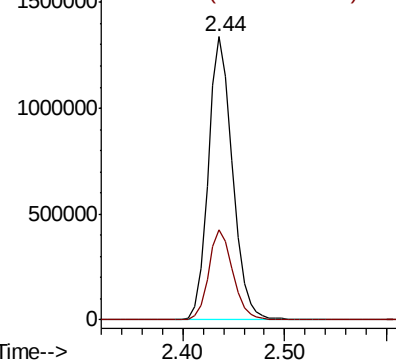
Tgt Ion: 43 Resp: 2197911

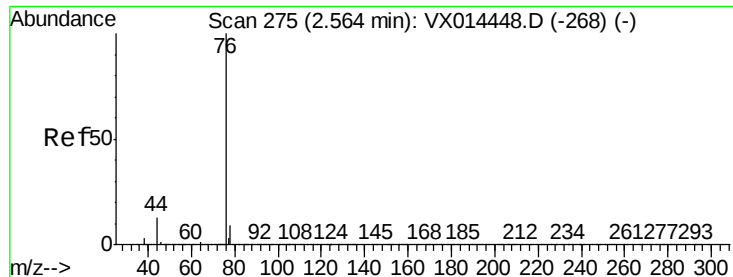
Ion	Ratio	Lower	Upper
43	100		
58	31.6	25.4	38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

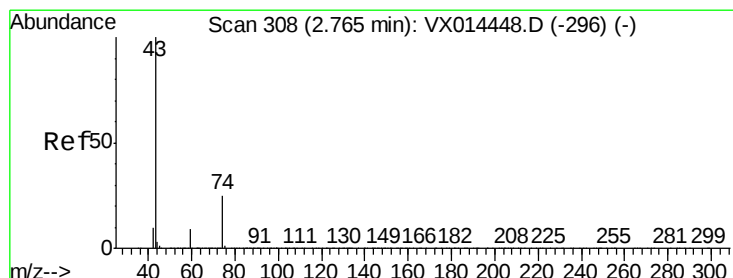
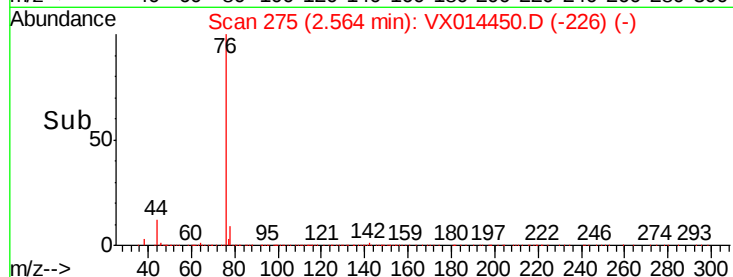
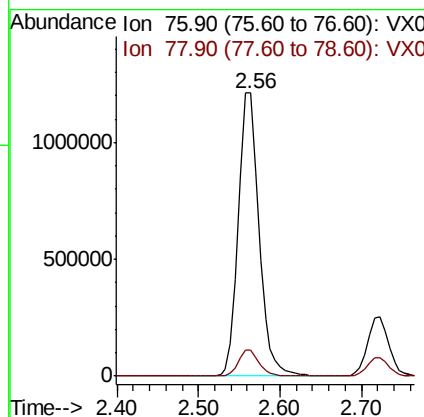
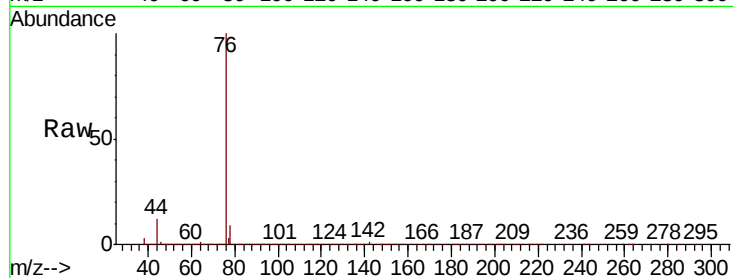




#17
Carbon Disulfide
Concen: 140.648 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX014450.D
Acq: 07 Jan 2020 15:31

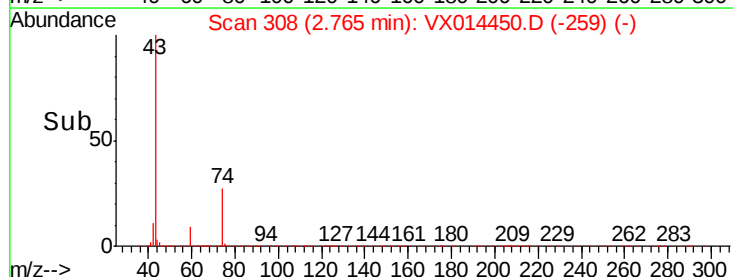
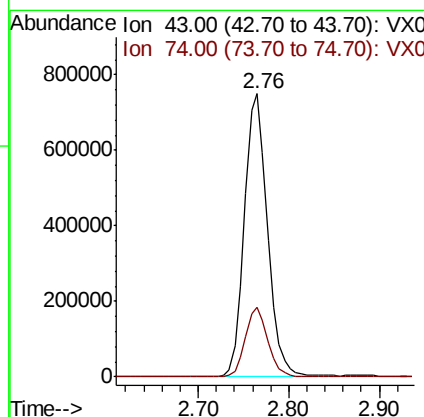
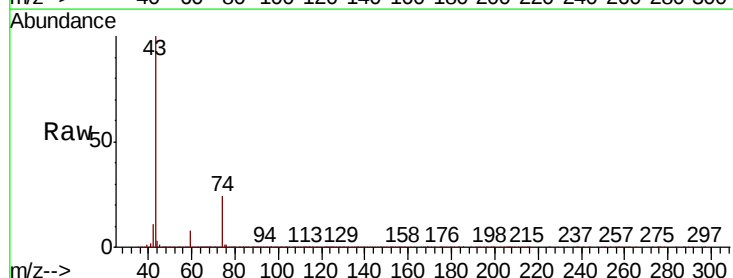
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 76 Resp: 2118740
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 165.676 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX014450.D
Acq: 07 Jan 2020 15:31

Tgt Ion: 43 Resp: 1321402
Ion Ratio Lower Upper
43 100
74 24.1 19.4 29.2





#19

Methyl tert-butyl Ether
 Concen: 145.411 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX014450.D
 Acq: 07 Jan 2020 15:31

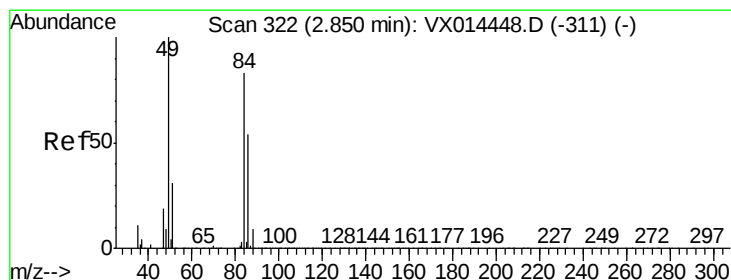
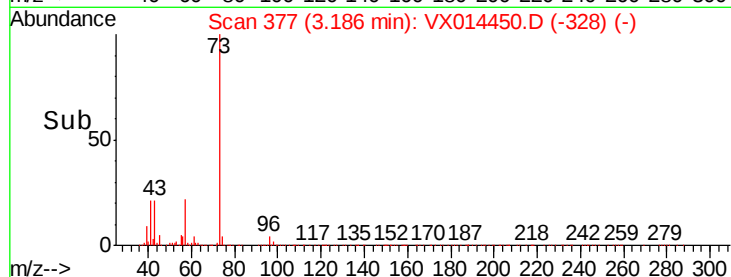
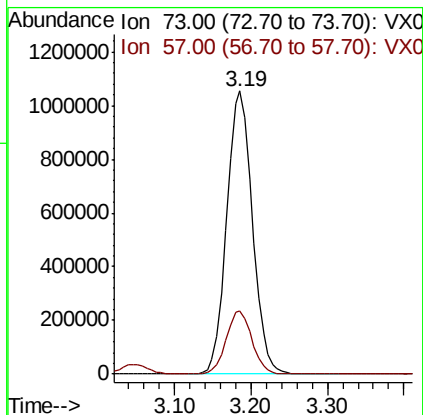
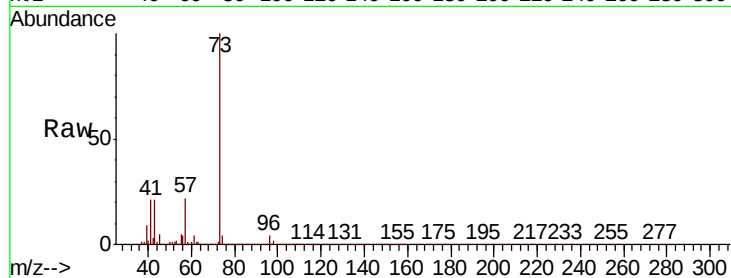
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion: 73 Resp: 2444649

Ion Ratio Lower Upper

73 100

57 22.4 17.8 26.8



#20

Methylene Chloride
 Concen: 131.711 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: VX014450.D
 Acq: 07 Jan 2020 15:31

Tgt Ion: 84 Resp: 810801

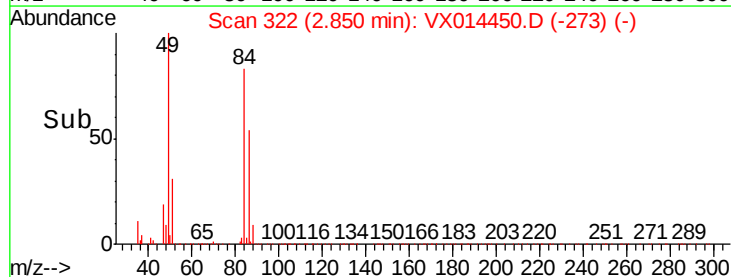
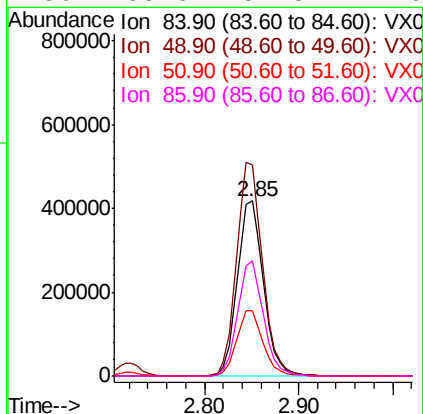
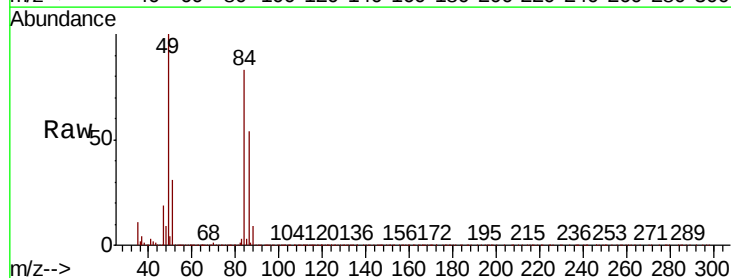
Ion Ratio Lower Upper

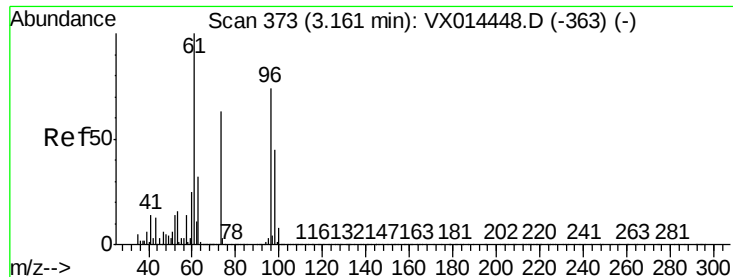
84 100

49 120.6 95.8 143.8

51 37.6 30.2 45.4

86 65.6 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 140.223 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014450.D

Acq: 07 Jan 2020 15:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

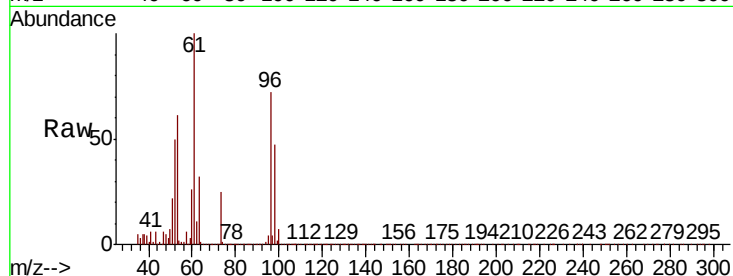
Tot Ion: 96 Resp: 790891

Ion Ratio Lower Upper

96 100

61 138.5 108.2 162.4

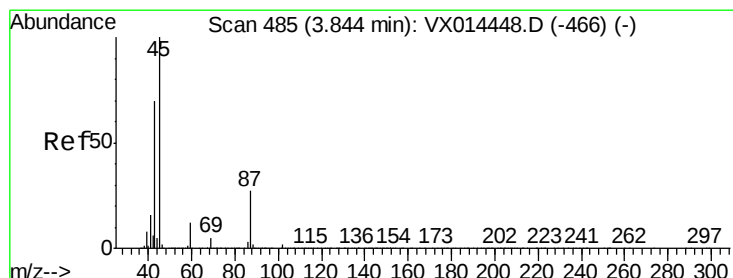
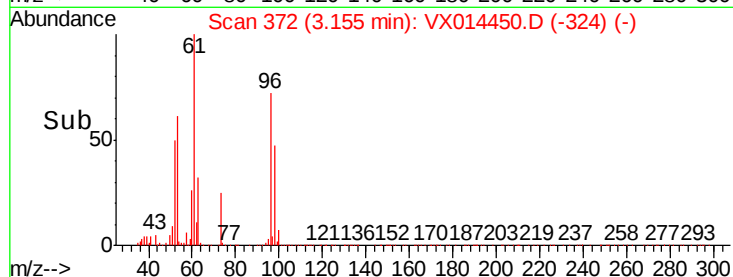
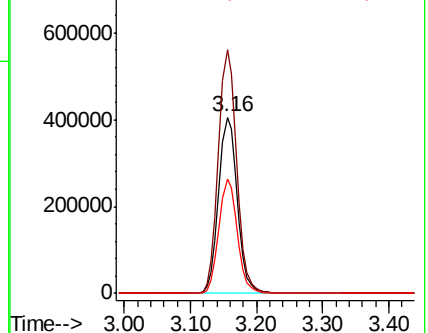
98 64.8 48.8 73.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 142.278 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014450.D

Acq: 07 Jan 2020 15:31

Tgt Ion: 45 Resp: 2584491

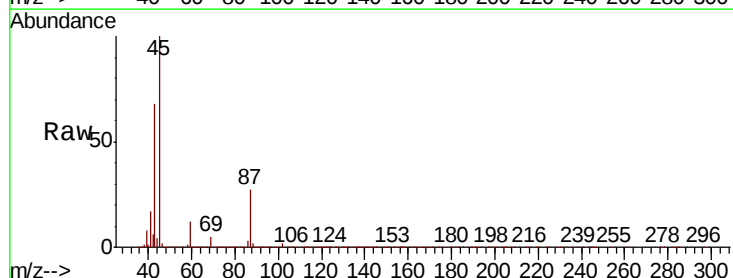
Ion Ratio Lower Upper

45 100

43 68.3 55.8 83.6

87 27.3 21.8 32.8

59 11.5 9.1 13.7

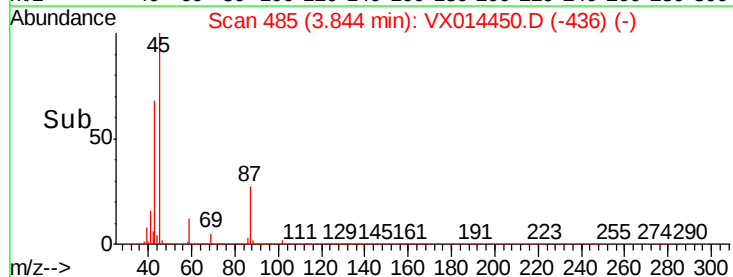
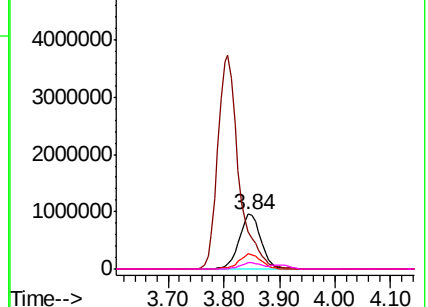


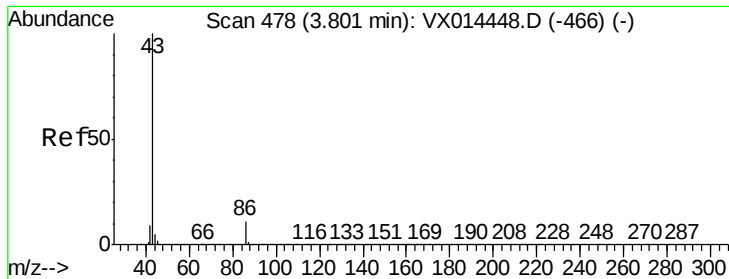
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

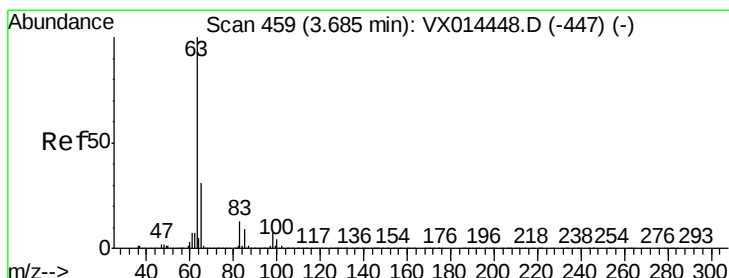
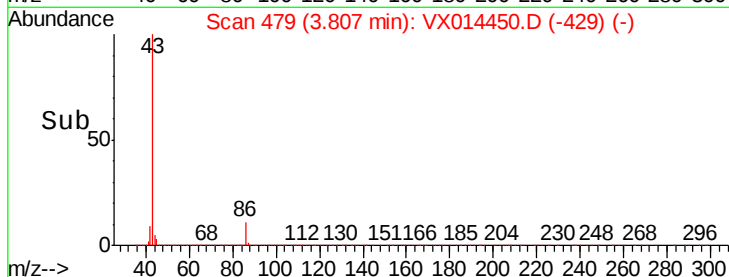
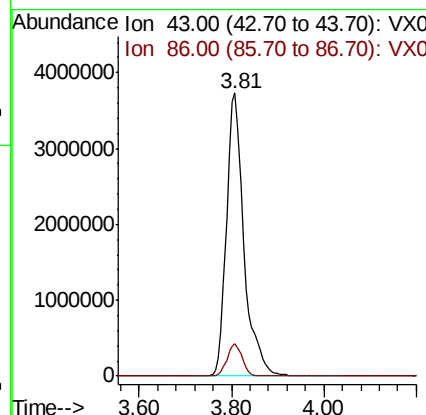
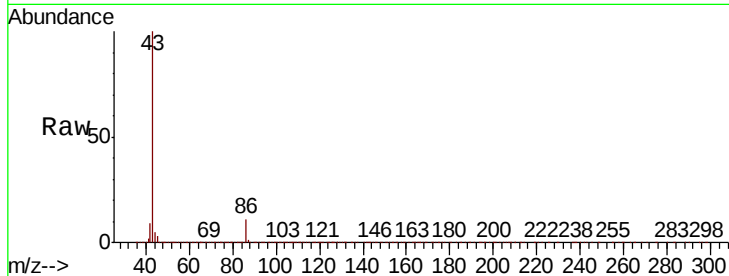




#23
 Vinyl Acetate
 Concen: 671.391 ug/l
 RT: 3.81 min Scan# 479
 Delta R.T. 0.01 min
 Lab File: VX014450.D
 Acq: 07 Jan 2020 15:31

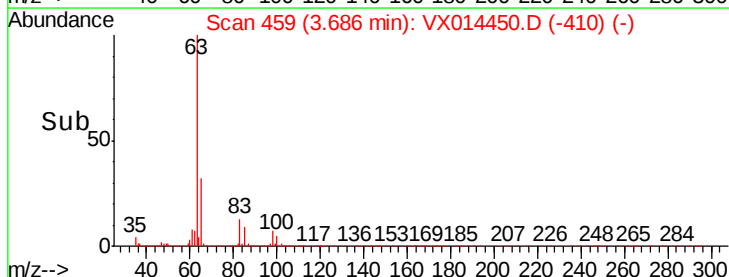
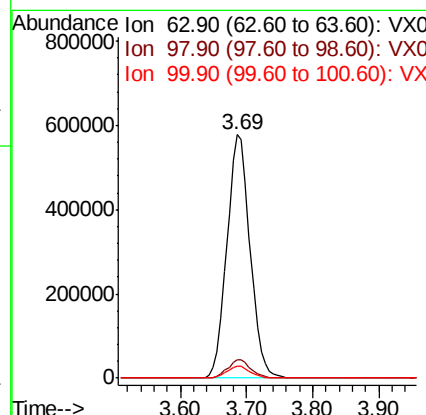
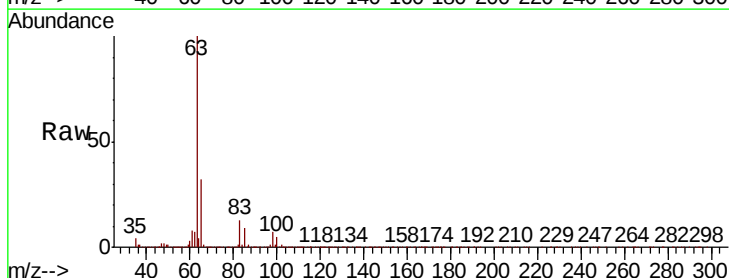
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

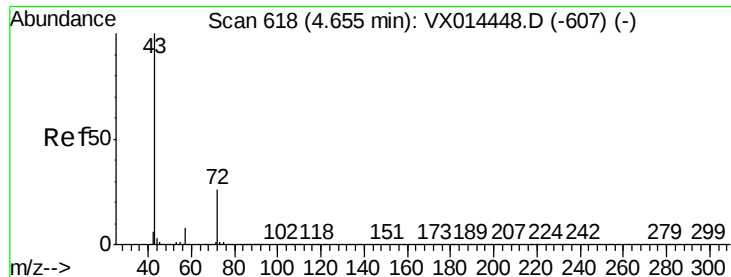
Tot Ion: 43 Resp: 9825892
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 138.195 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VX014450.D
 Acq: 07 Jan 2020 15:31

Tgt Ion: 63 Resp: 1397259
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.9
 100 4.8 2.3 6.8





#25

2-Butanone

Concen: 682.758 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX014450.D

Acq: 07 Jan 2020 15:31

Instrument :

MSVOA_X

ClientSampleId :

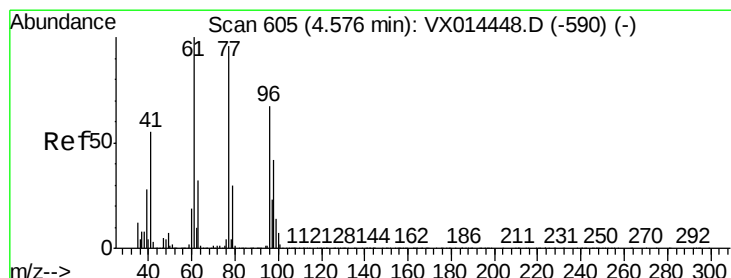
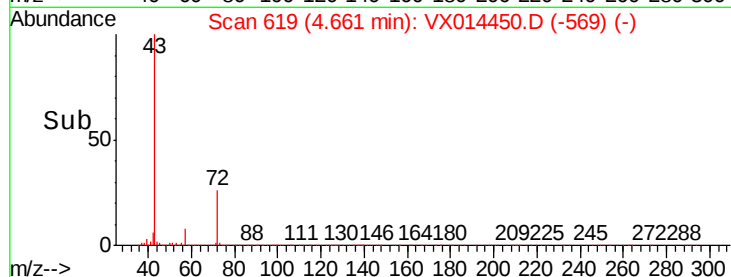
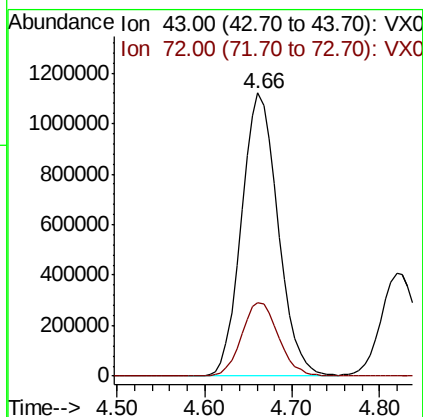
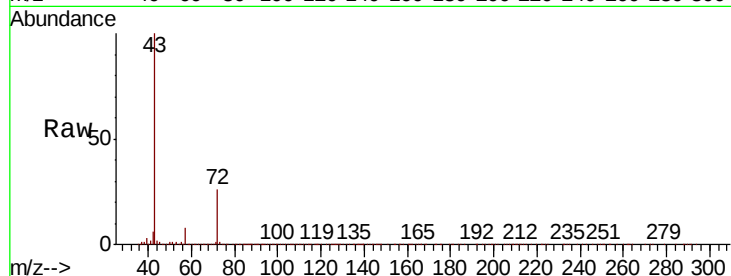
VSTDIC150

Tot Ion: 43 Resp: 3237811

Ion Ratio Lower Upper

43 100

72 26.1 20.6 31.0



#26

2,2-Dichloropropane

Concen: 150.259 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014450.D

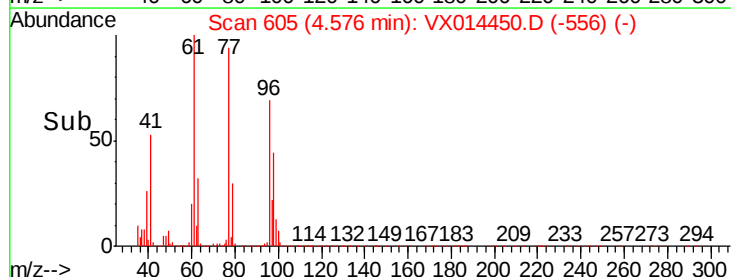
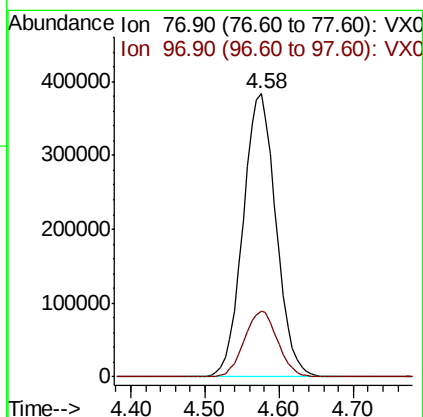
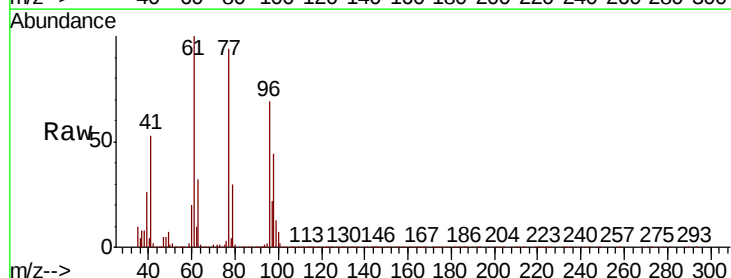
Acq: 07 Jan 2020 15:31

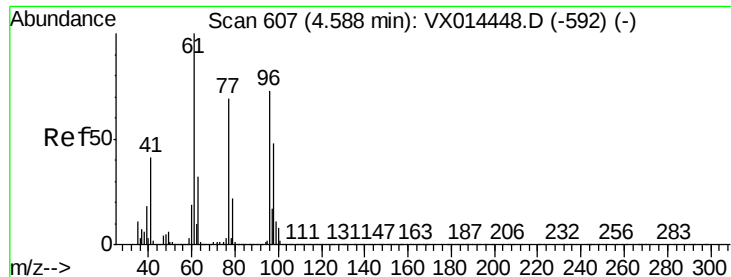
Tgt Ion: 77 Resp: 1188745

Ion Ratio Lower Upper

77 100

97 23.5 11.7 35.1



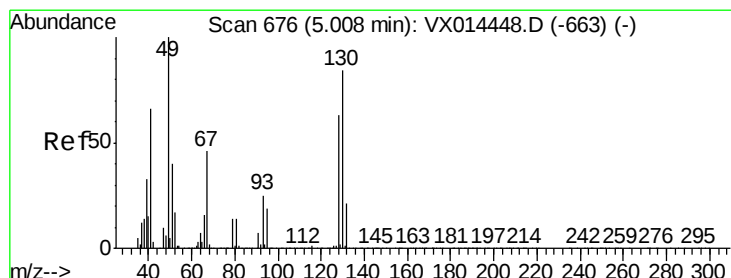
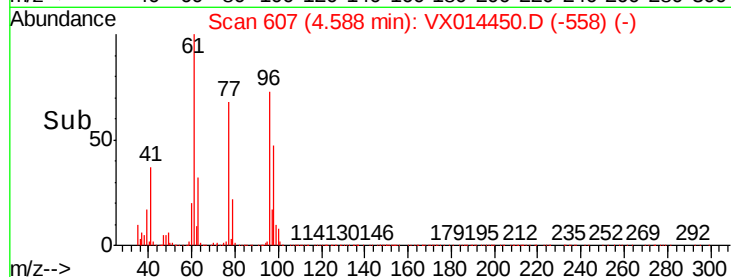
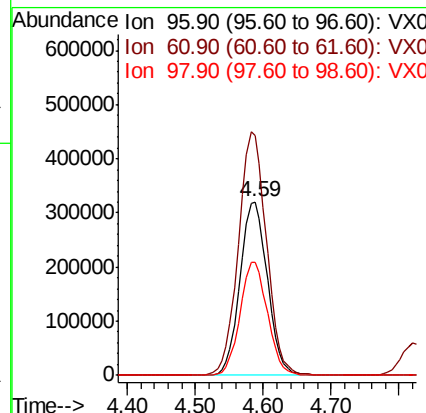
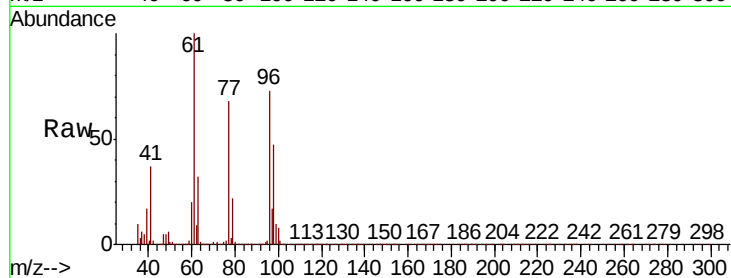


#27

cis-1,2-Dichloroethene
Concen: 141.102 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX014450.D
Acq: 07 Jan 2020 15:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

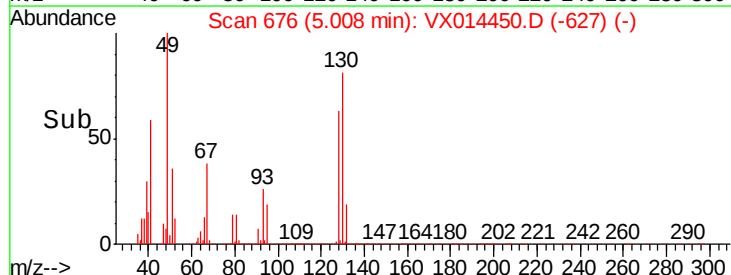
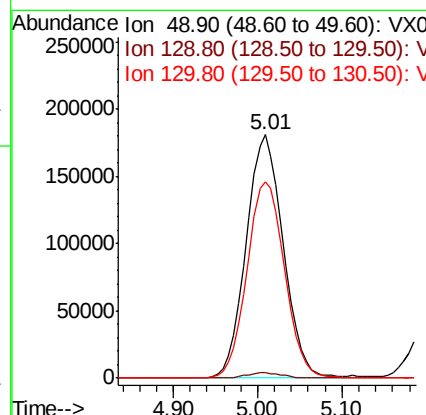
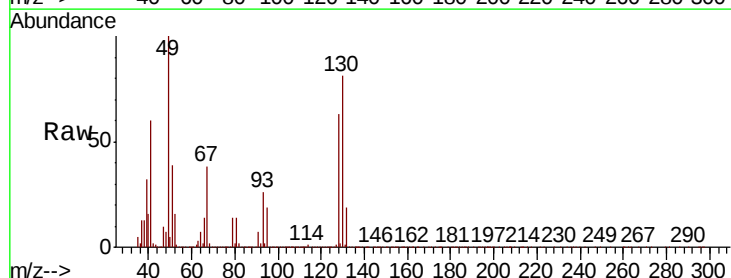
Tot Ion	Ratio	Lower	Upper
96	100		
61	143.2	0.0	285.4
98	65.0	0.0	130.6



#28

Bromochloromethane
Concen: 154.215 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX014450.D
Acq: 07 Jan 2020 15:31

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	81.9	67.0	100.4





#29

Tetrahydrofuran

Concen: 726.306 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX014450.D

Acq: 07 Jan 2020 15:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

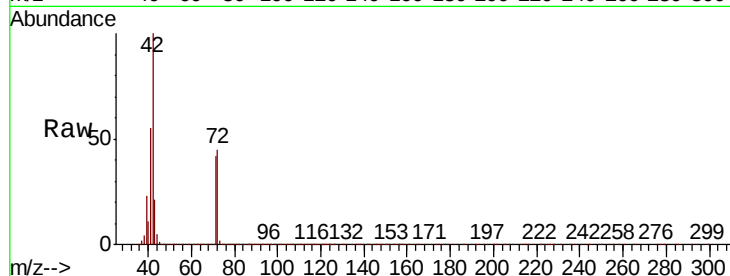
Tot Ion: 42 Resp: 1963071

Ion Ratio Lower Upper

42 100

72 45.1 36.2 54.4

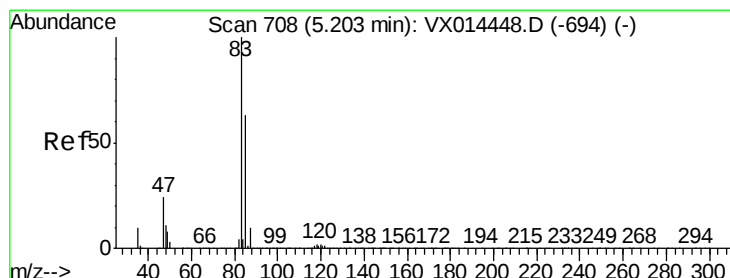
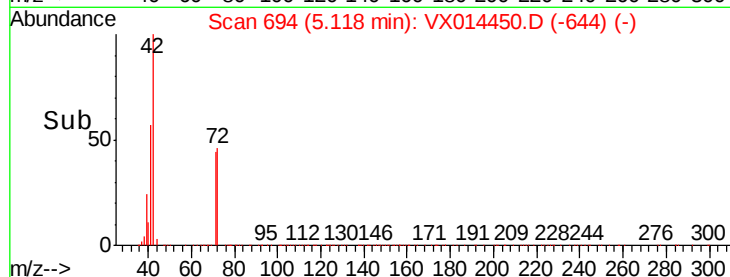
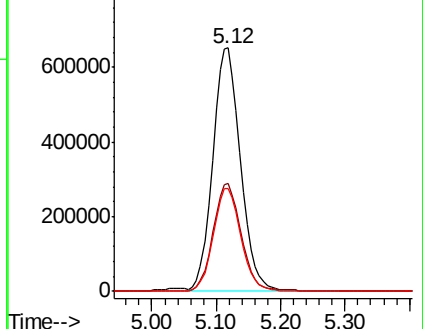
71 42.3 34.1 51.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 142.292 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.00 min

Lab File: VX014450.D

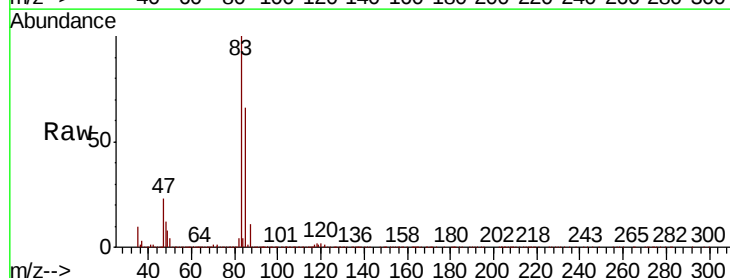
Acq: 07 Jan 2020 15:31

Tgt Ion: 83 Resp: 1362499

Ion Ratio Lower Upper

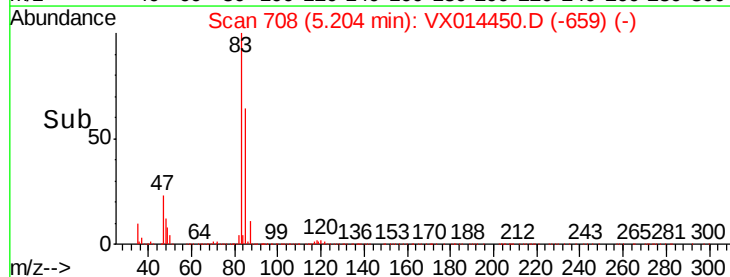
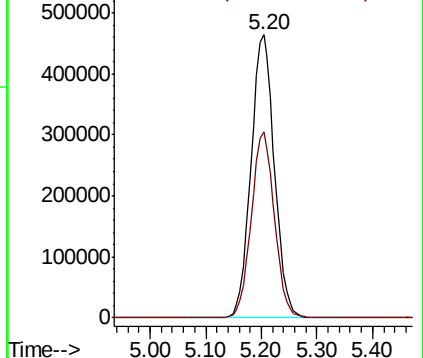
83 100

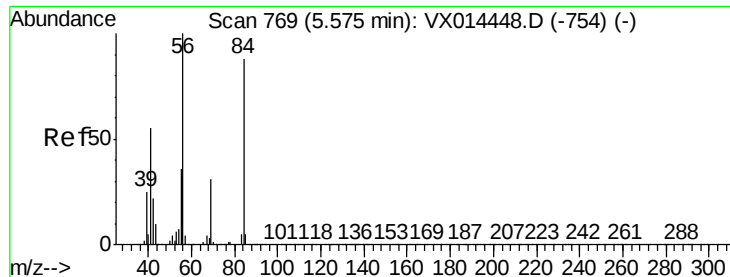
85 65.5 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

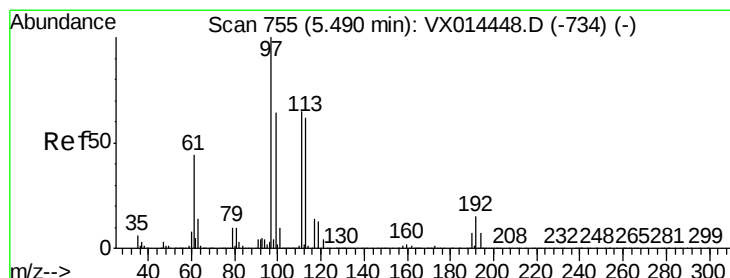
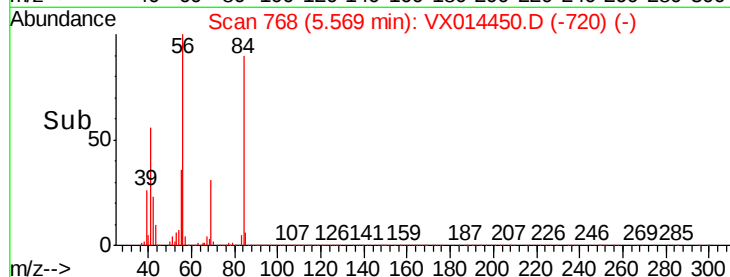
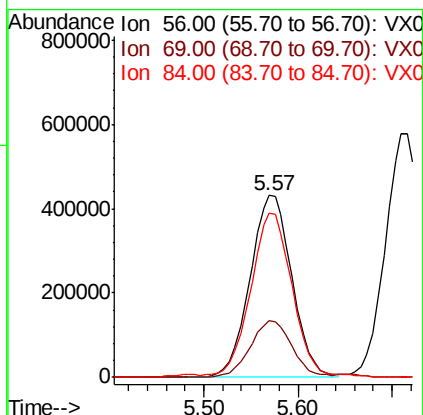
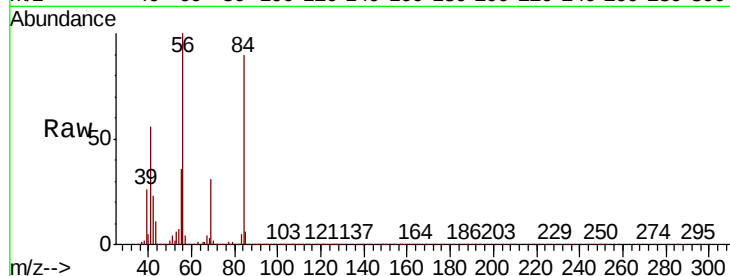




#31
Cyclohexane
Concen: 147.753 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014450.D
Acq: 07 Jan 2020 15:31

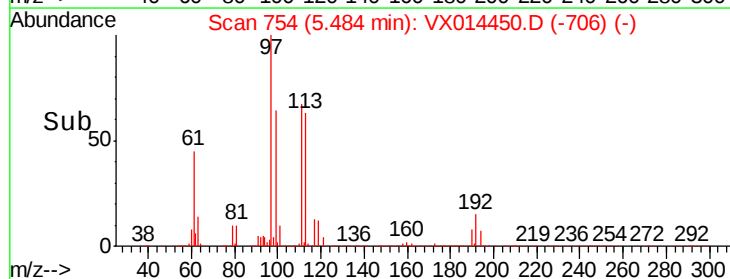
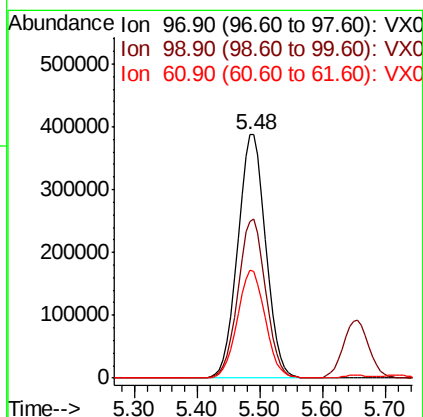
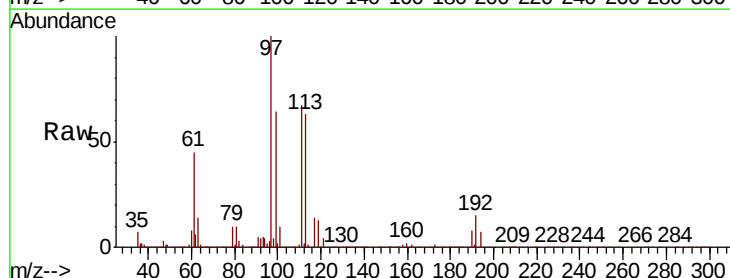
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

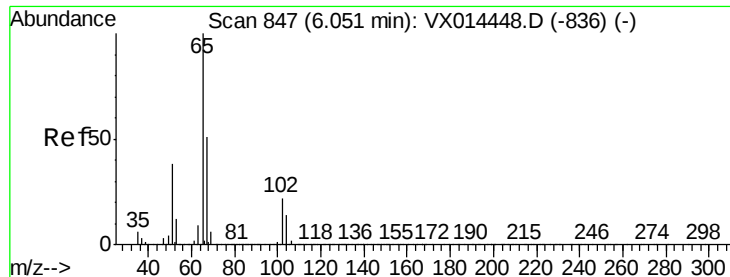
Tot Ion: 56 Resp: 1339755
Ion Ratio Lower Upper
56 100
69 31.3 24.4 36.6
84 88.9 70.6 106.0



#32
1,1,1-Trichloroethane
Concen: 146.174 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014450.D
Acq: 07 Jan 2020 15:31

Tgt Ion: 97 Resp: 1197299
Ion Ratio Lower Upper
97 100
99 64.6 51.8 77.6
61 44.0 35.9 53.9

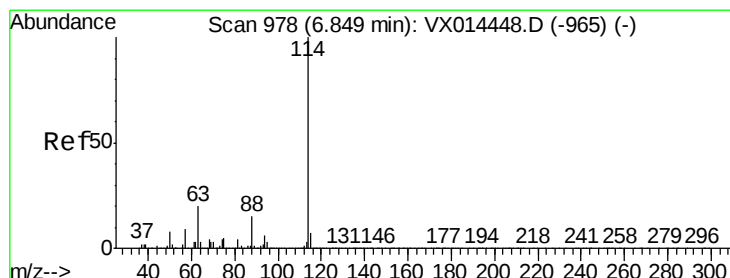
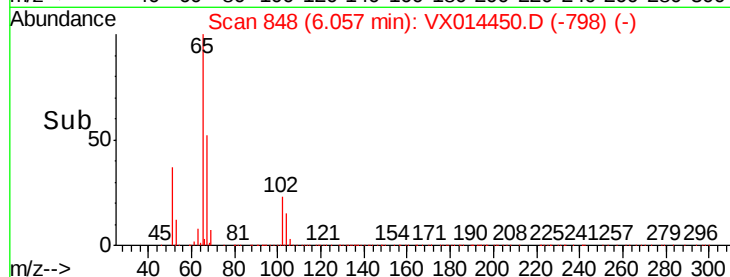
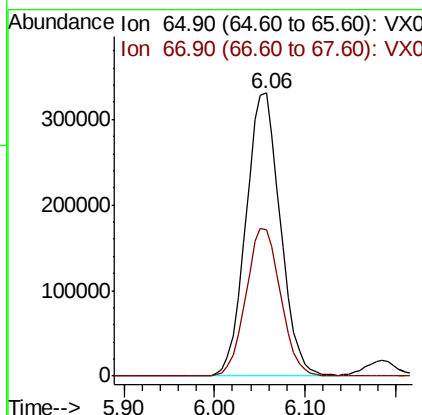
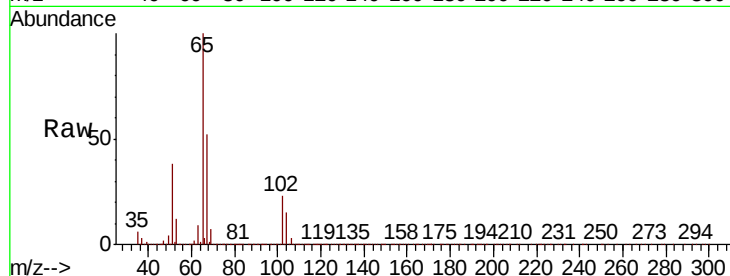




#33
 1,2-Dichloroethane-d4
 Concen: 145.527 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX014450.D
 Acq: 07 Jan 2020 15:31

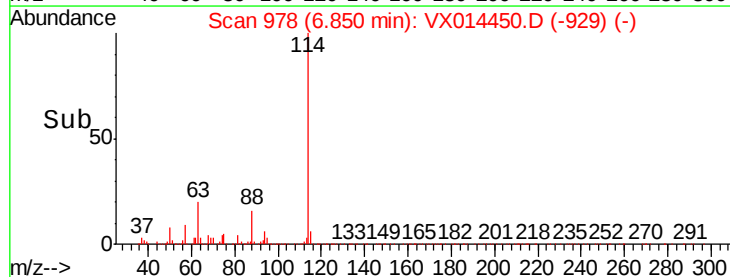
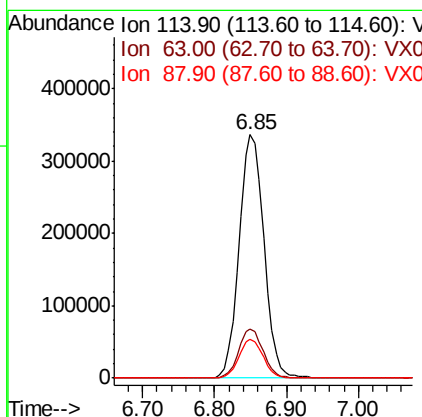
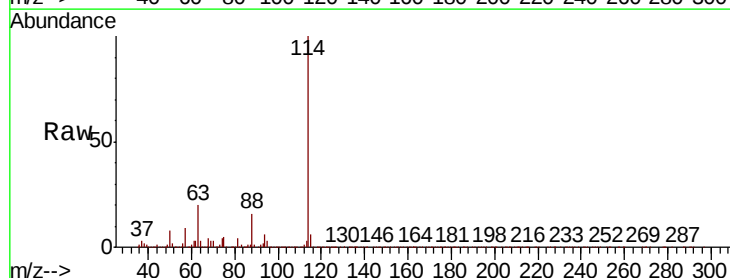
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

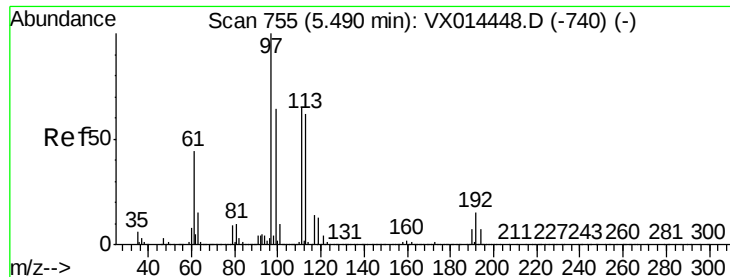
Tot Ion: 65 Resp: 866903
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014450.D
 Acq: 07 Jan 2020 15:31

Tgt Ion: 114 Resp: 805859
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.6
 88 16.0 0.0 30.8

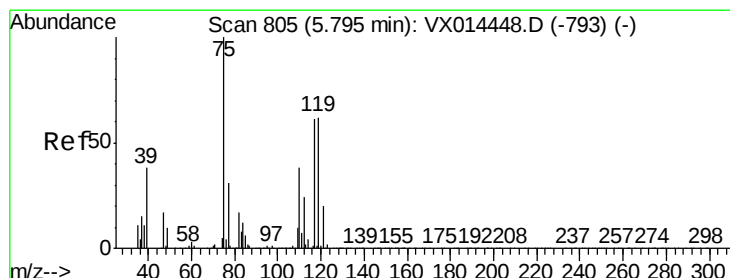
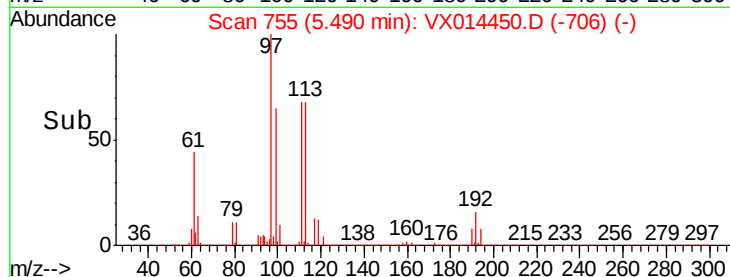
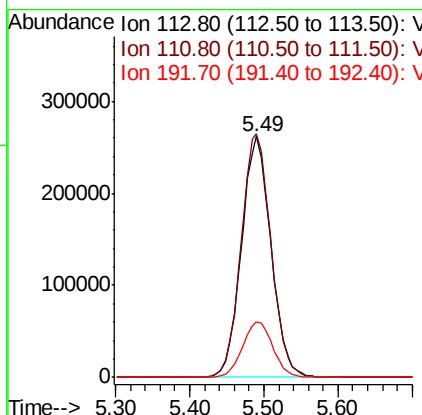
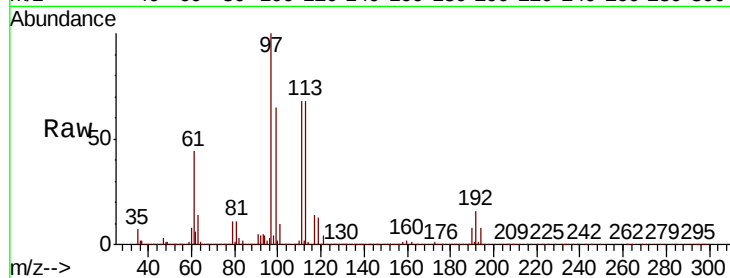




#35
 Dibromofluoromethane
 Concen: 148.485 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX014450.D
 Acq: 07 Jan 2020 15:31

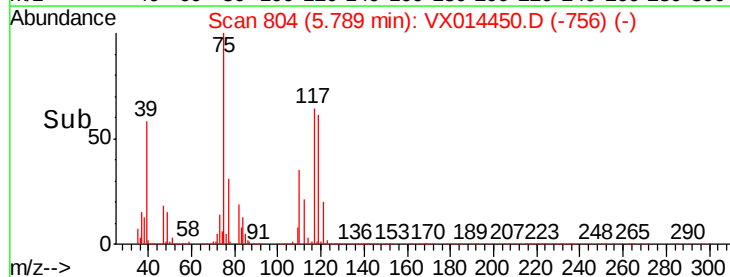
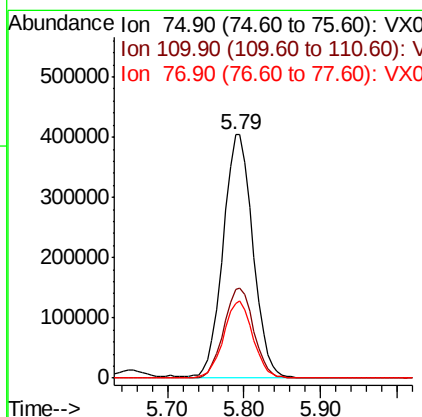
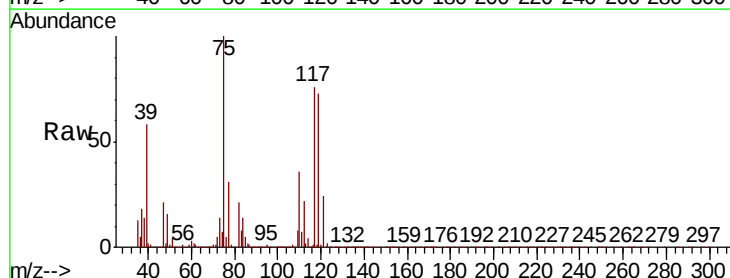
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

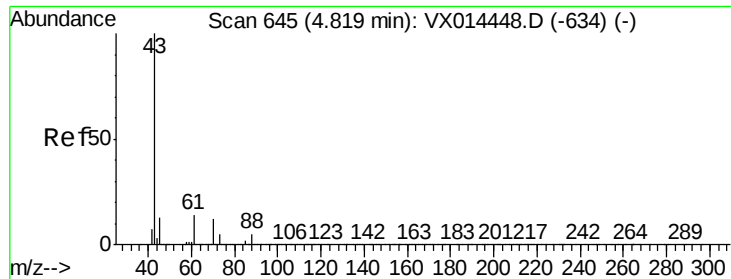
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.5	122.3
192	23.7	19.2	28.8



#36
 1,1-Dichloropropene
 Concen: 145.859 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX014450.D
 Acq: 07 Jan 2020 15:31

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.1	18.6	55.8
77	31.0	24.5	36.7

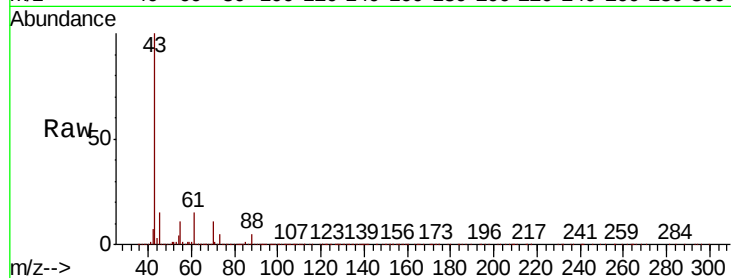




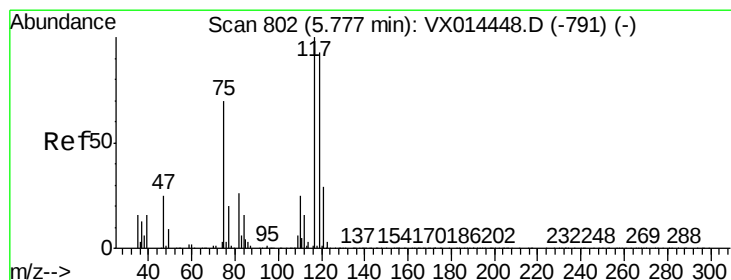
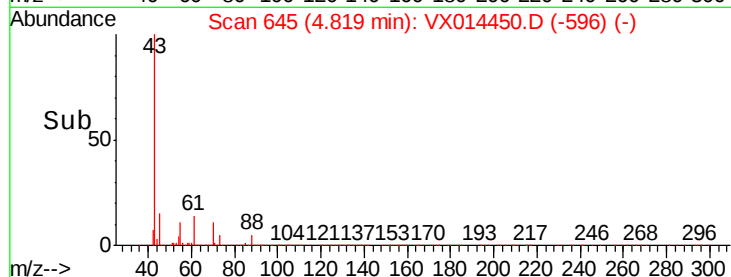
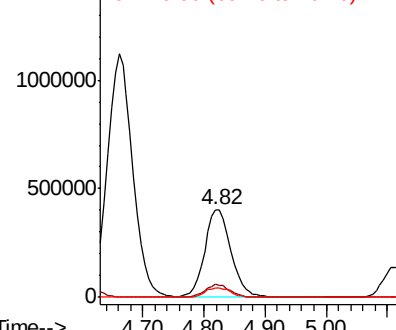
#37
Ethyl Acetate
Concen: 146.830 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014450.D
Acq: 07 Jan 2020 15:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 1202612
Ion Ratio Lower Upper
43 100
61 13.8 11.1 16.7
70 10.8 8.9 13.3

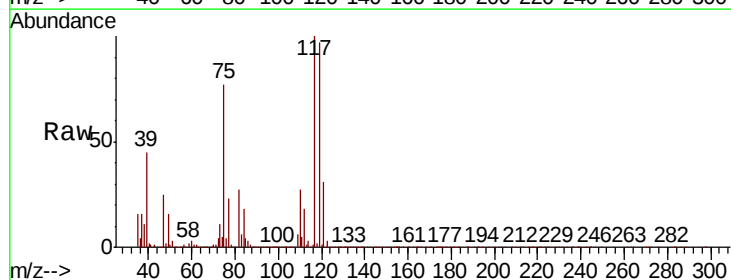


Abundance Ion 43.00 (42.70 to 43.70): VX0
1500000 Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

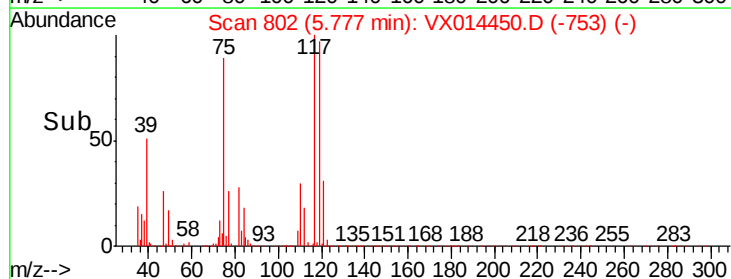
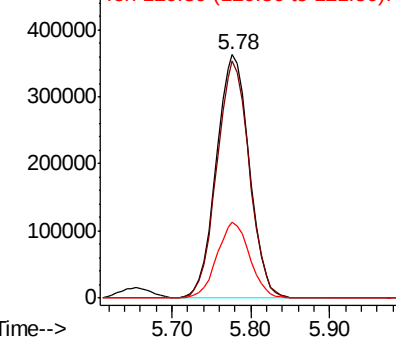


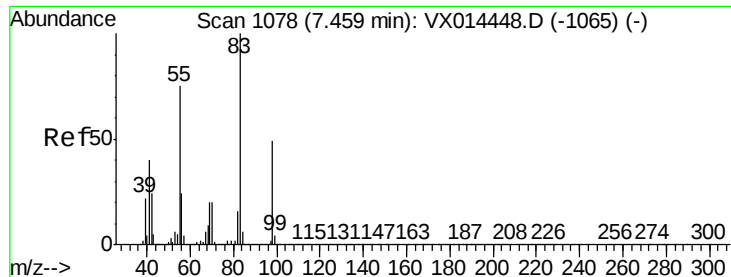
#38
Carbon Tetrachloride
Concen: 154.632 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014450.D
Acq: 07 Jan 2020 15:31

Tgt Ion: 117 Resp: 1052352
Ion Ratio Lower Upper
117 100
119 97.3 73.8 110.8
121 31.2 23.4 35.0



Abundance Ion 116.80 (116.50 to 117.50): V
500000 Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V



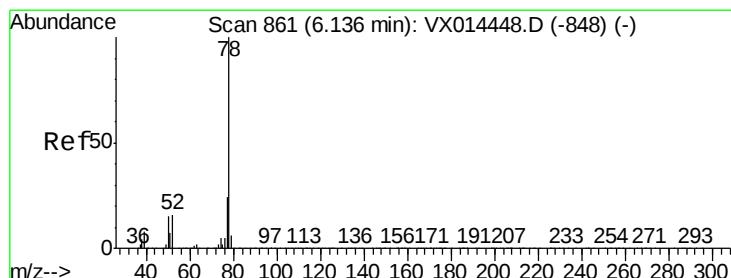
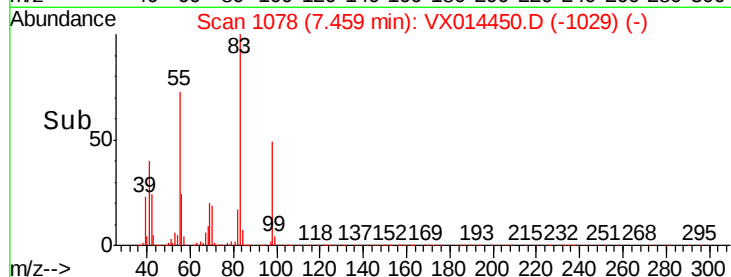
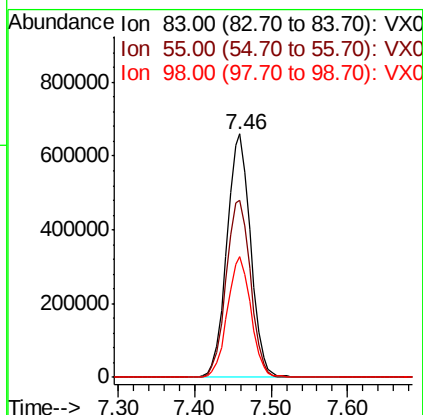
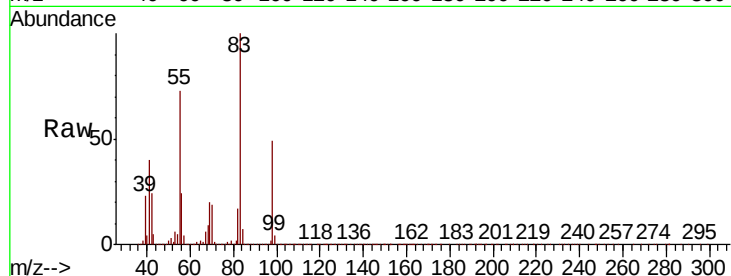


#39
Methvlcvclohexane
Concen: 152.348 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX014450.D
Acq: 07 Jan 2020 15:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion: 83 Resp: 1412507

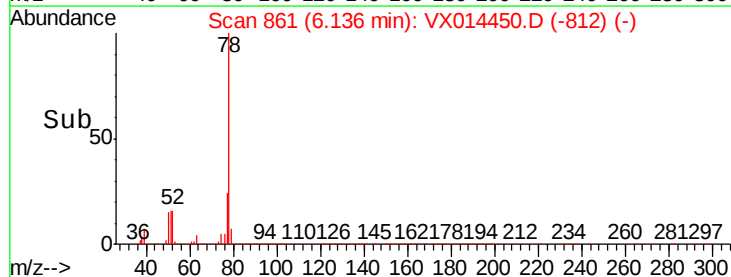
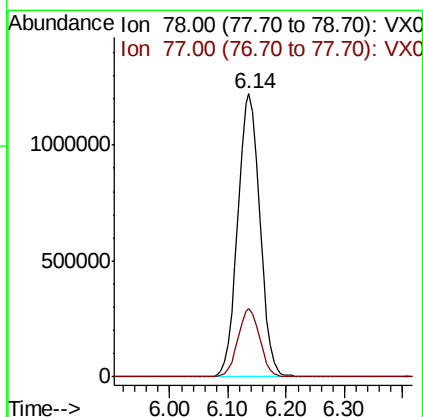
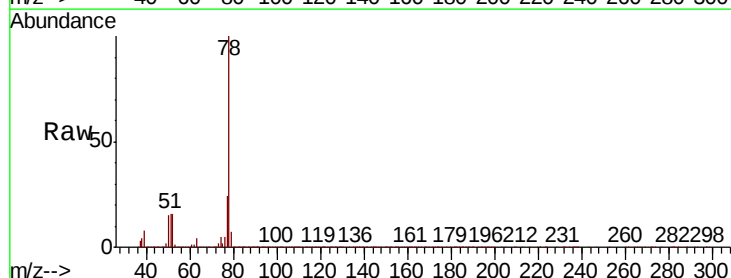
Ion	Ratio	Lower	Upper
83	100		
55	72.9	59.7	89.5
98	49.5	39.1	58.7

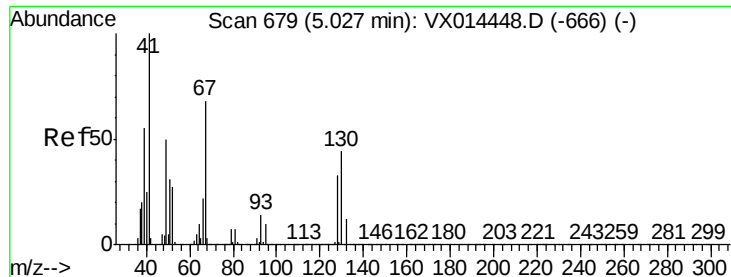


#40
Benzene
Concen: 141.170 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX014450.D
Acq: 07 Jan 2020 15:31

Tgt Ion: 78 Resp: 3227485

Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.5	29.3

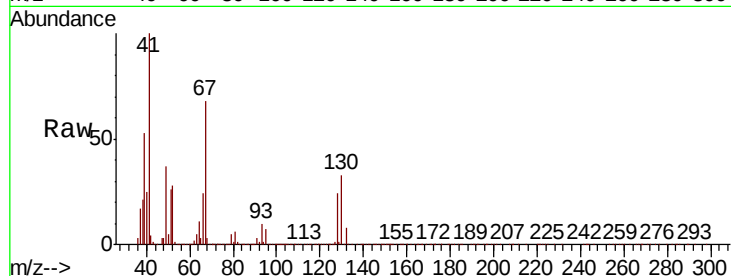




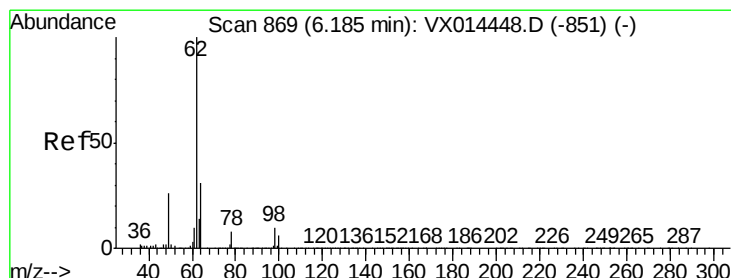
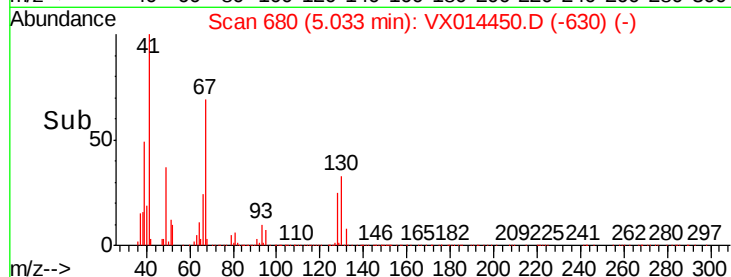
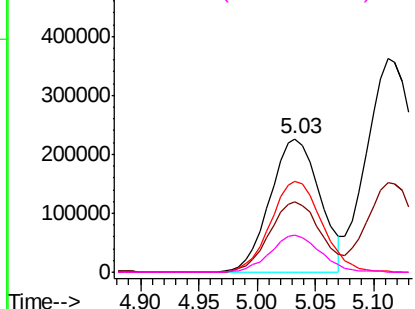
#41
Methacrylonitrile
Concen: 146.457 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX014450.D
Acq: 07 Jan 2020 15:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:	41	Resp:	667223
Ion	Ratio	Lower	Upper
41	100		
39	54.8	43.6	65.4
67	70.6	57.9	86.9
52	28.3	23.0	34.6

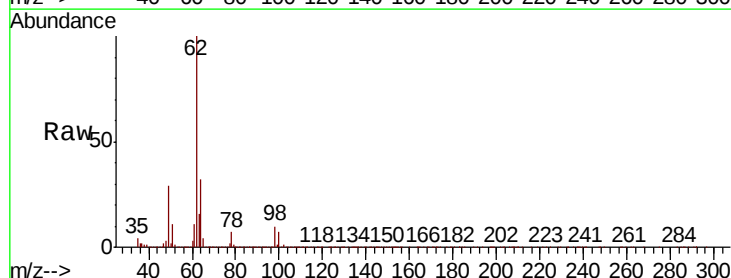


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

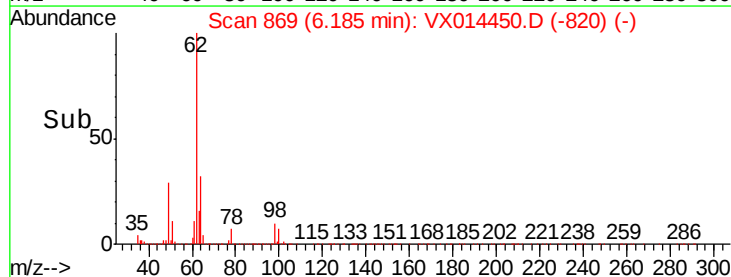
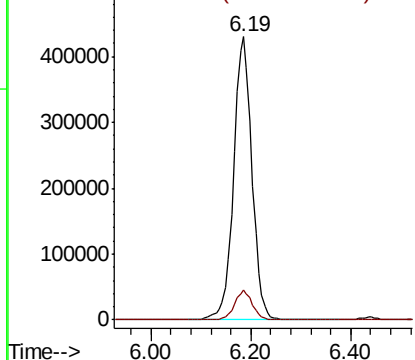


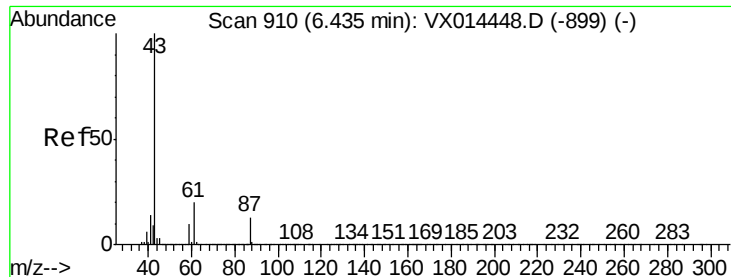
#42
1,2-Dichloroethane
Concen: 141.053 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014450.D
Acq: 07 Jan 2020 15:31

Tgt Ion:	62	Resp:	1093356
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.4



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



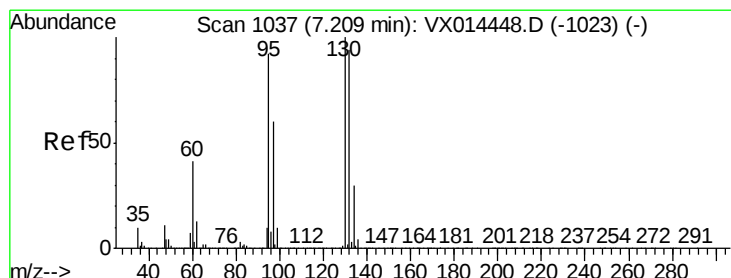
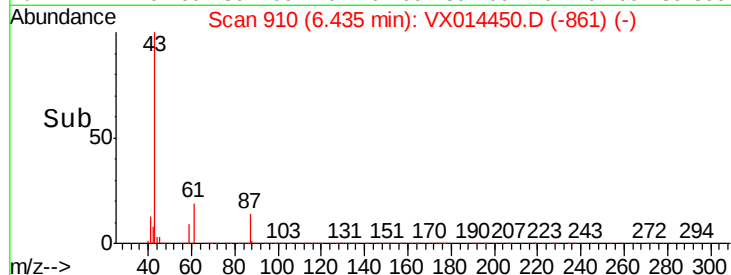
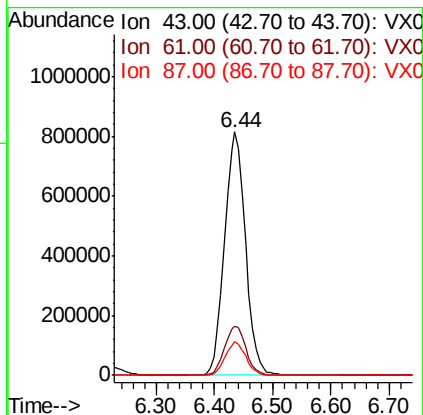
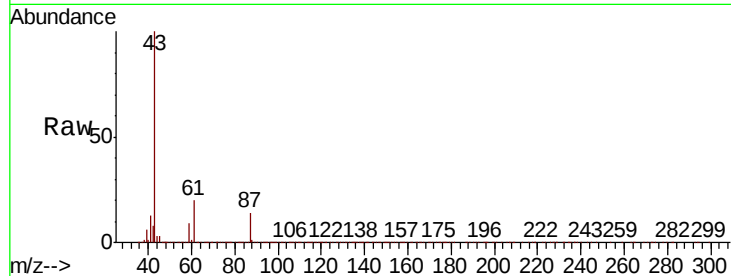


#43

Isopropyl Acetate
 Concen: 149.425 ug/l
 RT: 6.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX014450.D
 Acq: 07 Jan 2020 15:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

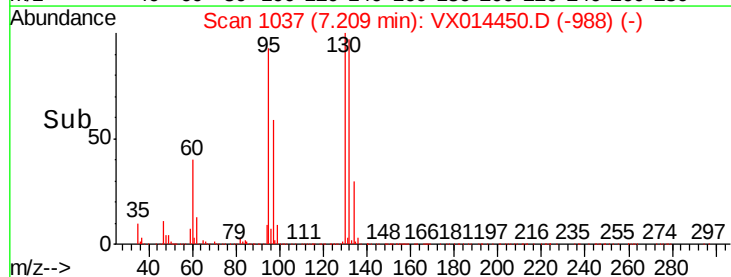
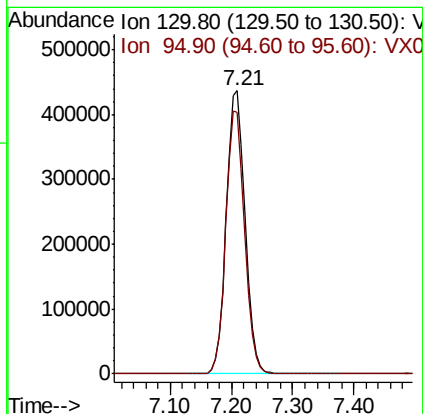
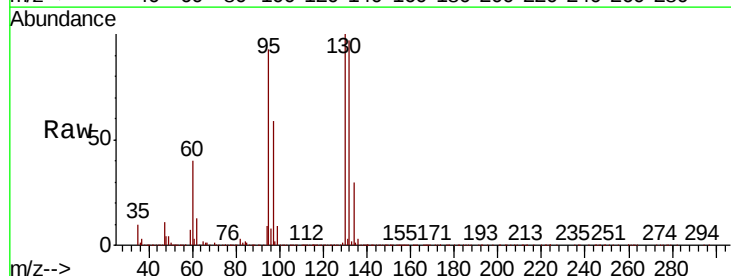
Tot Ion: 43 Resp: 2028463
 Ion Ratio Lower Upper
 43 100
 61 20.6 16.6 24.8
 87 13.7 10.8 16.2

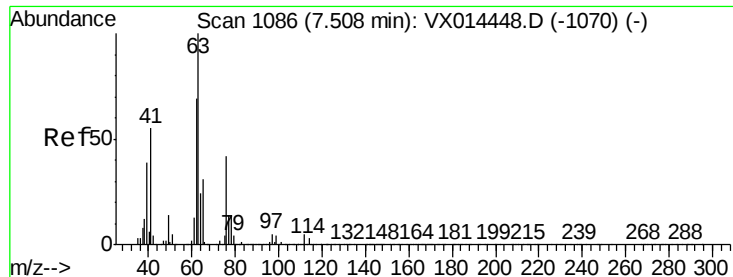


#44

Trichloroethene
 Concen: 145.363 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX014450.D
 Acq: 07 Jan 2020 15:31

Tgt Ion: 130 Resp: 926864
 Ion Ratio Lower Upper
 130 100
 95 92.6 0.0 184.2

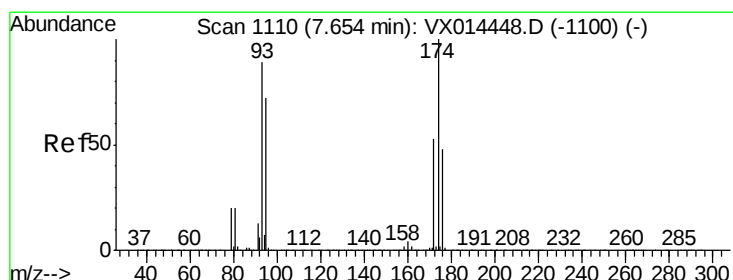
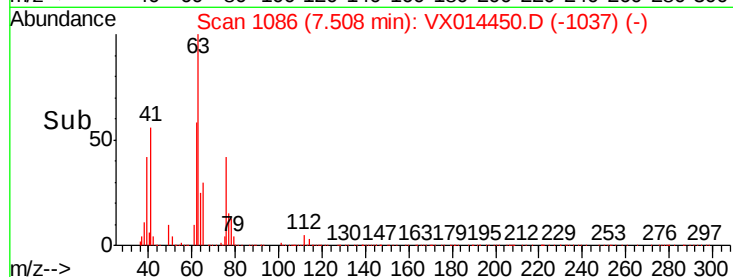
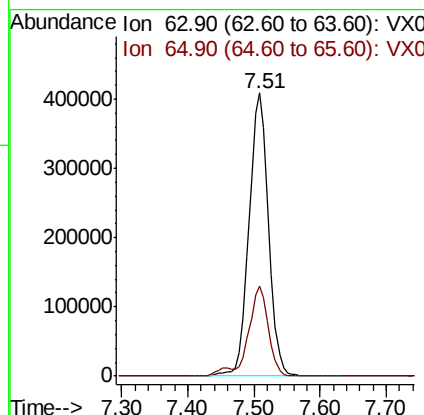
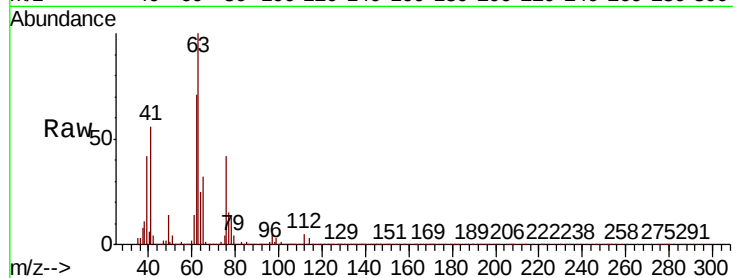




#45
 1,2-Dichloropropane
 Concen: 143.255 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014450.D
 Acq: 07 Jan 2020 15:31

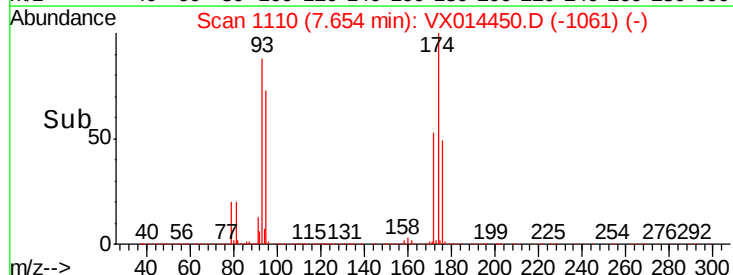
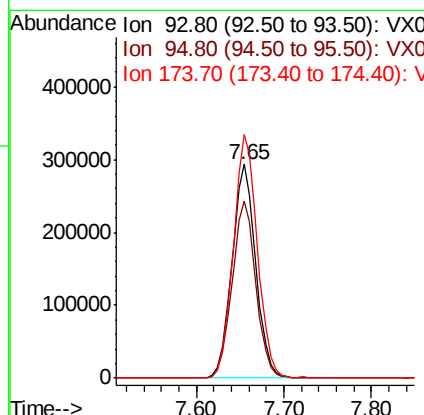
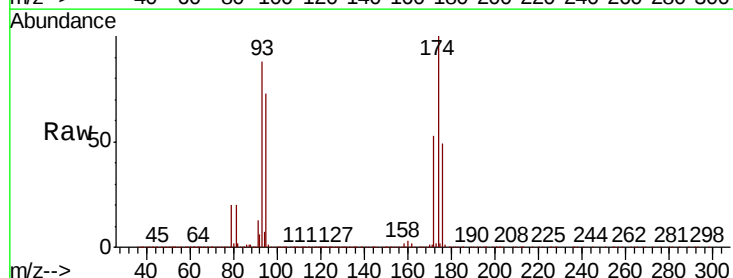
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

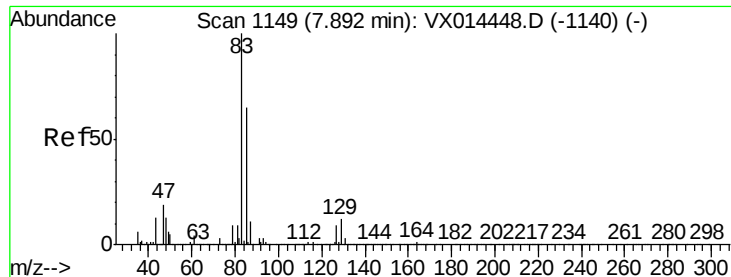
Tot Ion: 63 Resp: 839207
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.8 37.2



#46
 Dibromomethane
 Concen: 142.372 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014450.D
 Acq: 07 Jan 2020 15:31

Tgt Ion: 93 Resp: 553323
 Ion Ratio Lower Upper
 93 100
 95 82.9 65.4 98.2
 174 115.6 93.0 139.4





#47

Bromodichloromethane

Concen: 152.303 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014450.D

Acq: 07 Jan 2020 15:31

Instrument :

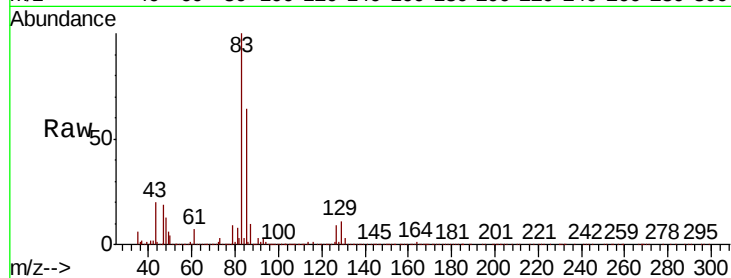
MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 83 Resp: 1113411

Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.7	77.5
127	8.6	7.1	10.7

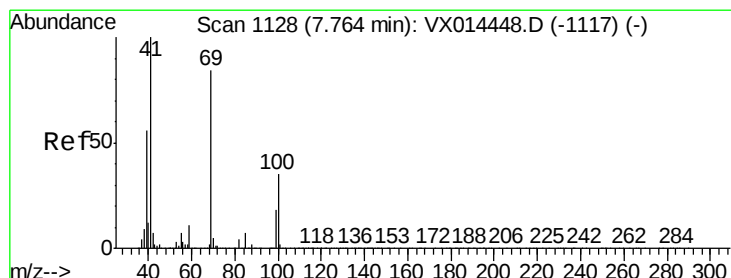
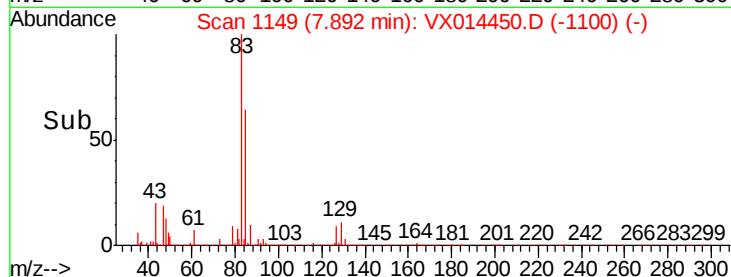
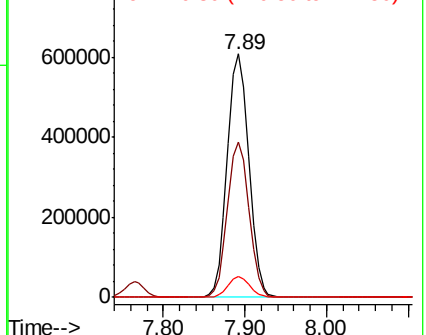


Abundance

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 151.736 ug/l

RT: 7.76 min Scan# 1128

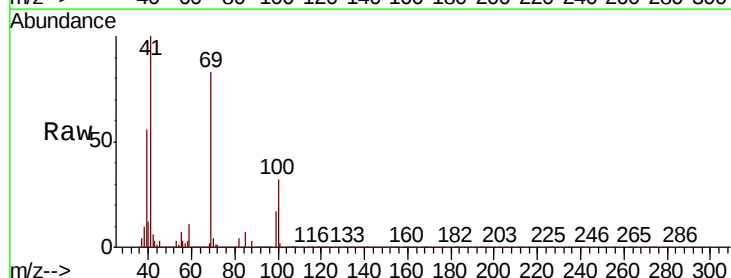
Delta R.T. 0.00 min

Lab File: VX014450.D

Acq: 07 Jan 2020 15:31

Tgt Ion: 41 Resp: 1008018

Ion	Ratio	Lower	Upper
41	100		
69	82.6	65.5	98.3
39	54.5	43.9	65.9

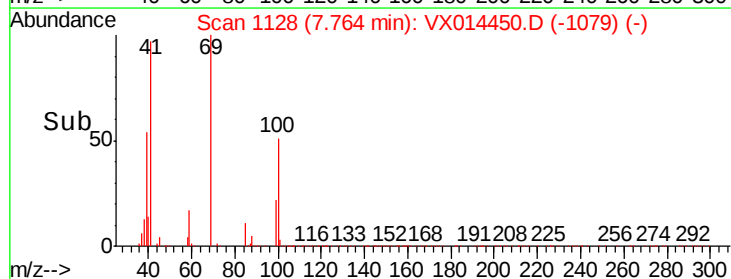
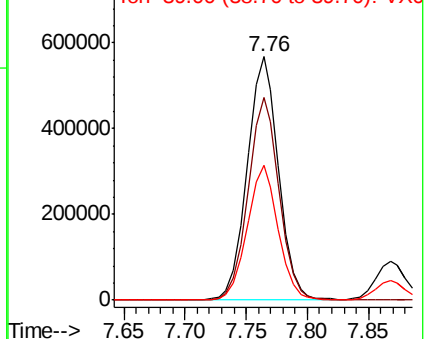


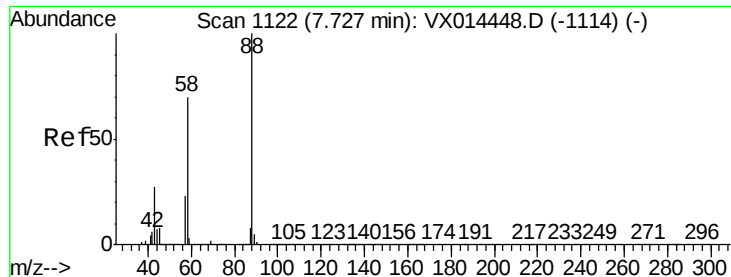
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

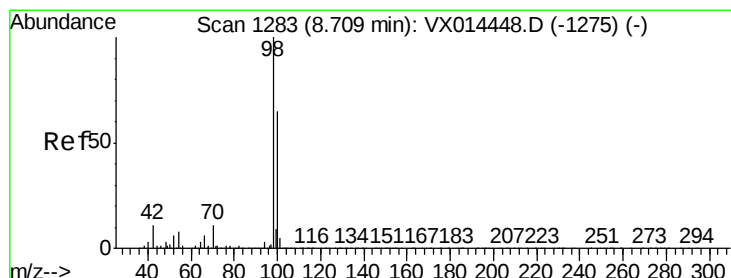
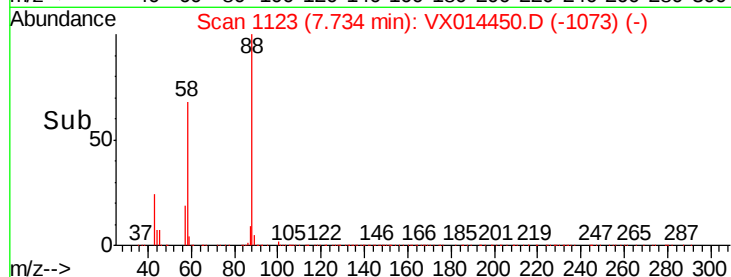
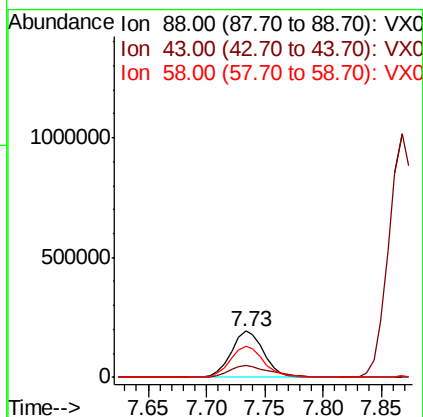
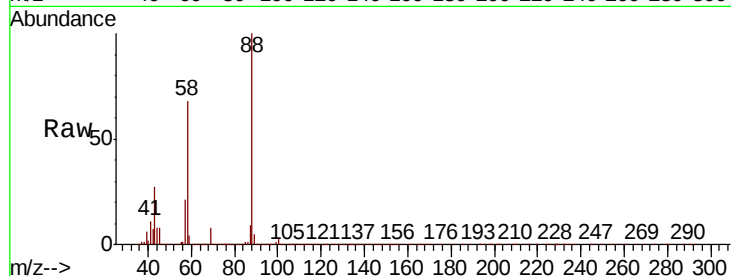




#49
1,4-Dioxane
Concen: 2739.648 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX014450.D
Acq: 07 Jan 2020 15:31

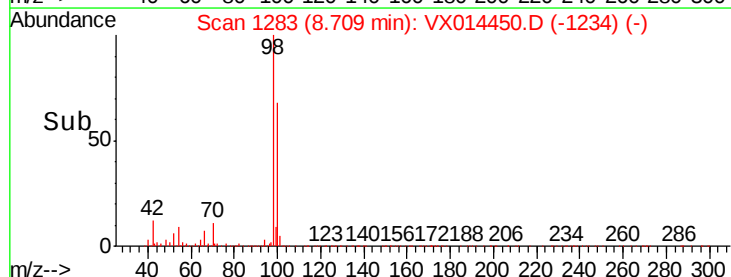
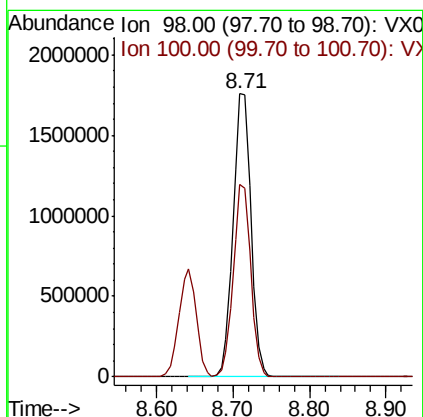
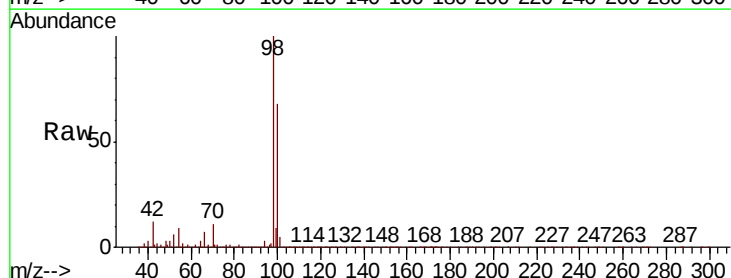
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

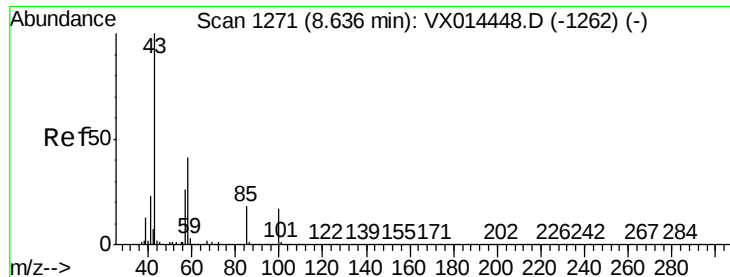
Tot Ion: 88 Resp: 372924
Ion Ratio Lower Upper
88 100
43 32.0 27.4 41.0
58 69.6 57.1 85.7



#50
Toluene-d8
Concen: 149.917 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014450.D
Acq: 07 Jan 2020 15:31

Tgt Ion: 98 Resp: 2841925
Ion Ratio Lower Upper
98 100
100 66.3 53.2 79.8

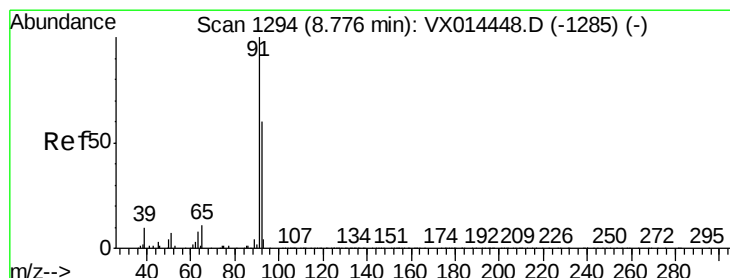
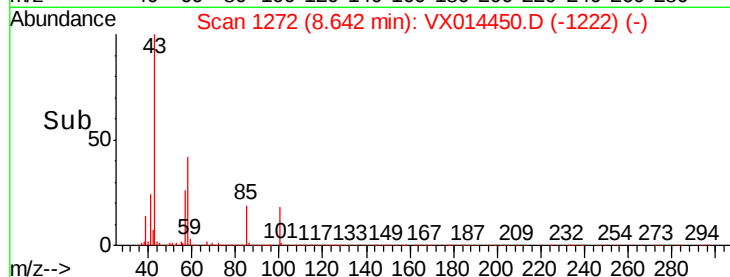
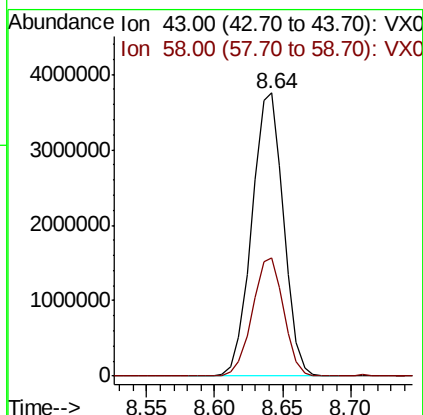
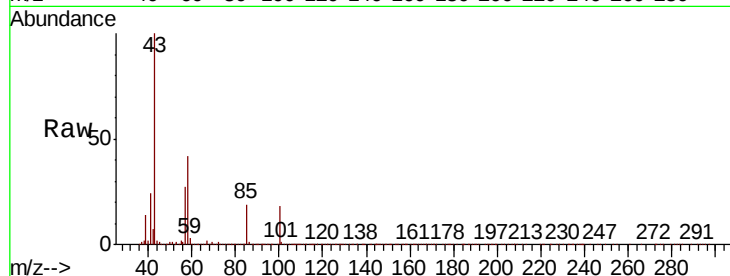




#51
4-Methyl-2-Pentanone
Concen: 722.237 ug/l
RT: 8.64 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VX014450.D
Acq: 07 Jan 2020 15:31

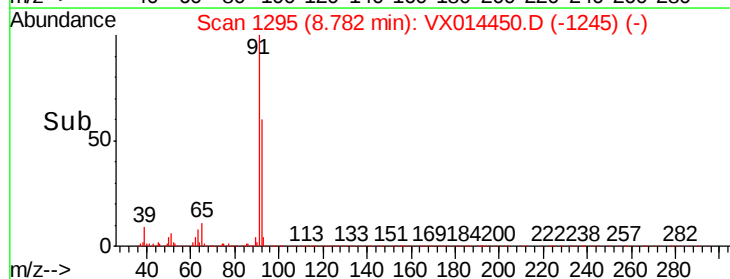
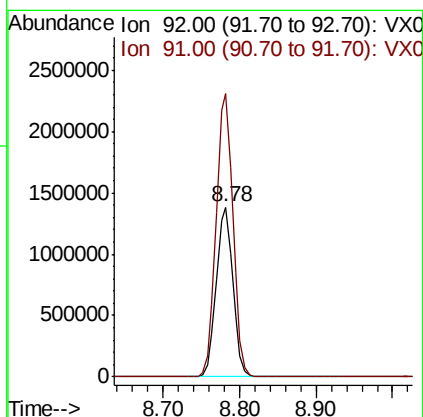
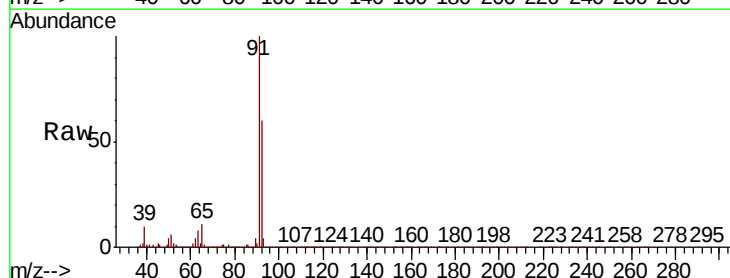
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 6136853
Ion Ratio Lower Upper
43 100
58 41.3 32.4 48.6



#52
Toluene
Concen: 143.094 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX014450.D
Acq: 07 Jan 2020 15:31

Tgt Ion: 92 Resp: 2071761
Ion Ratio Lower Upper
92 100
91 169.1 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 164.743 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.01 min

Lab File: VX014450.D

Acq: 07 Jan 2020 15:31

Instrument :

MSVOA_X

ClientSampleId :

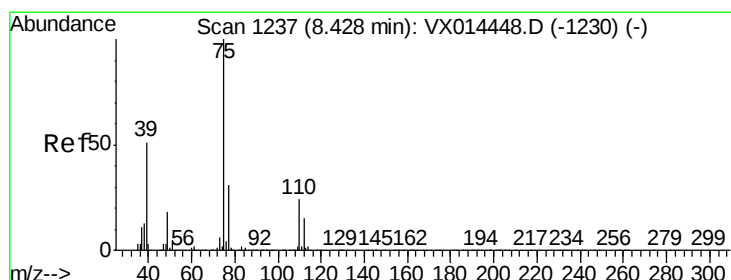
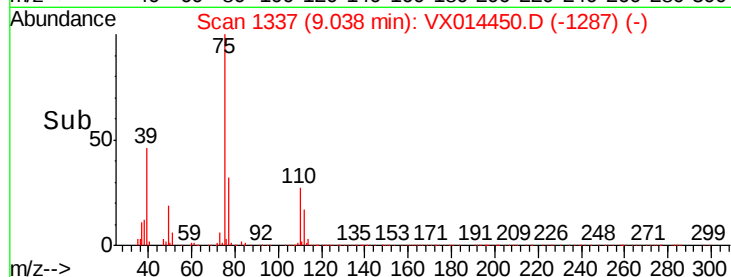
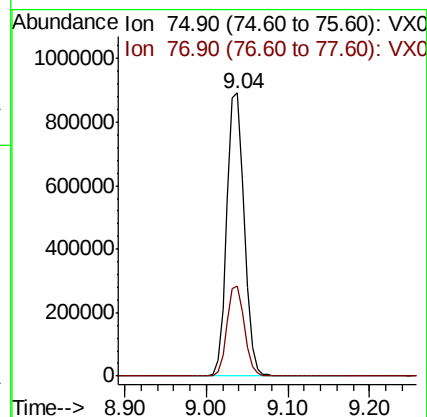
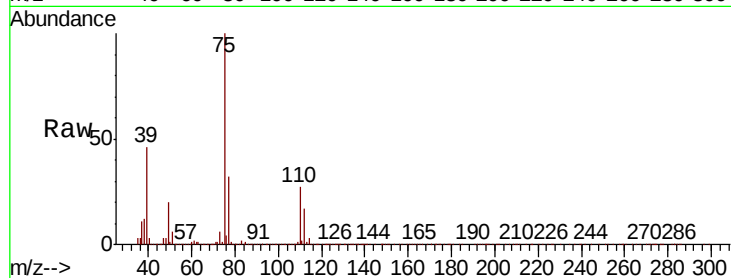
VSTDIC150

Tot Ion: 75 Resp: 1323003

Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 157.847 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014450.D

Acq: 07 Jan 2020 15:31

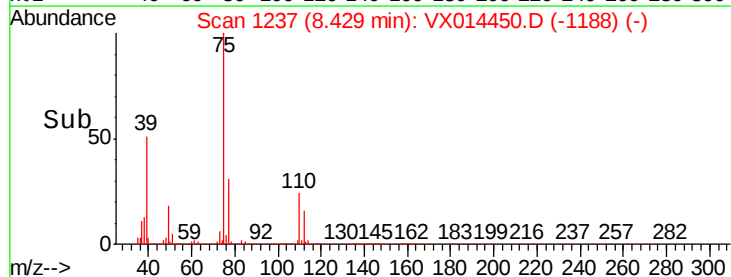
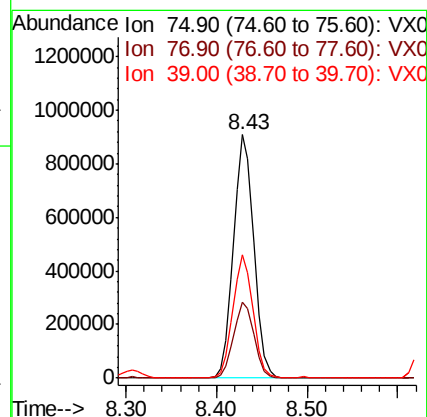
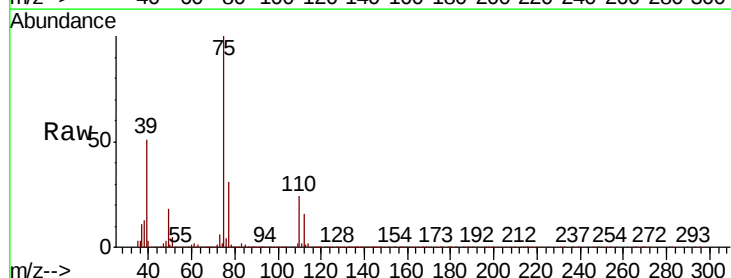
Tgt Ion: 75 Resp: 1412024

Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.4

39 50.6 40.7 61.1





#55

1,1,2-Trichloroethane

Concen: 144.105 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014450.D

Acq: 07 Jan 2020 15:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 97 Resp: 834951

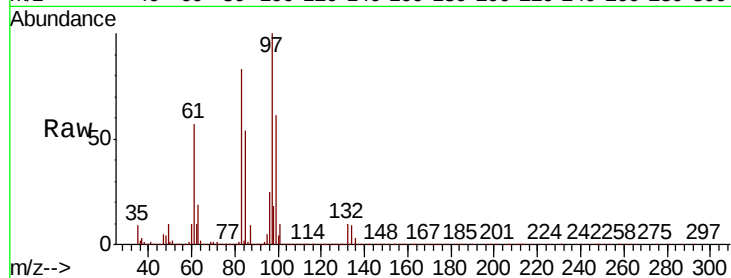
Ion Ratio Lower Upper

97 100

83 83.3 66.4 99.6

85 54.4 43.4 65.2

99 61.4 49.6 74.4

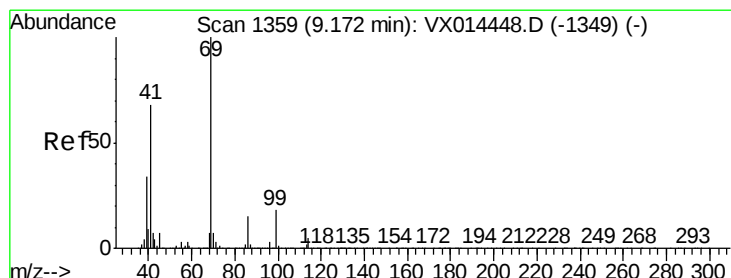
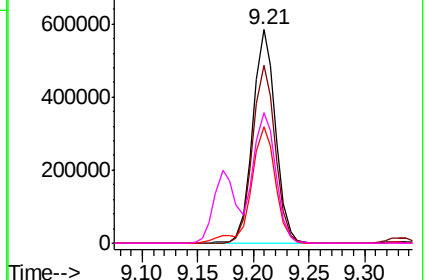
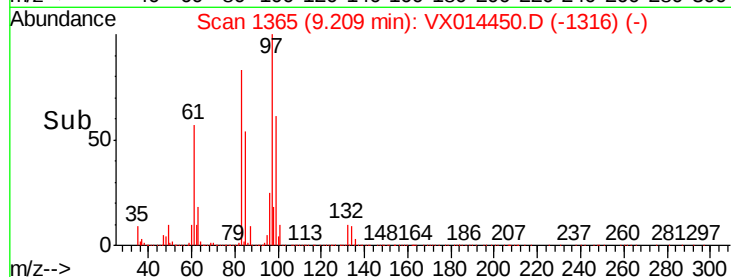


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 156.103 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014450.D

Acq: 07 Jan 2020 15:31

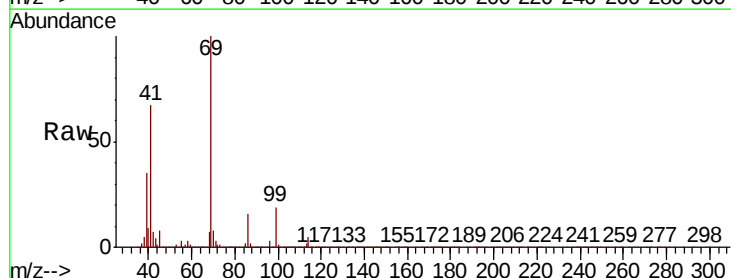
Tgt Ion: 69 Resp: 1417322

Ion Ratio Lower Upper

69 100

41 67.0 54.2 81.2

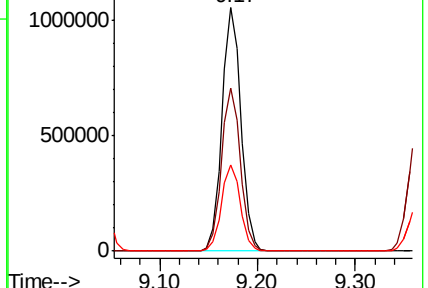
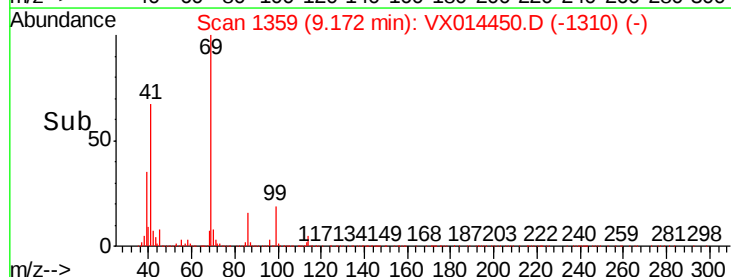
39 35.6 28.2 42.2

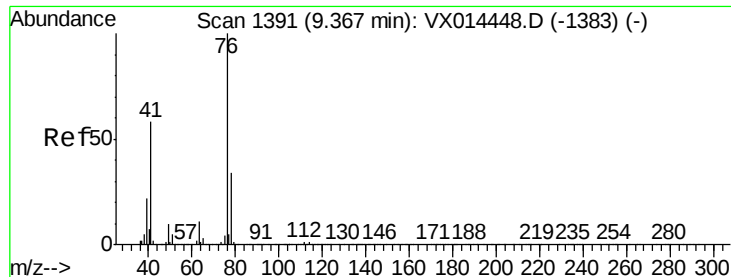


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 145.426 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014450.D

Acq: 07 Jan 2020 15:31

Instrument :

MSVOA_X

ClientSampleId :

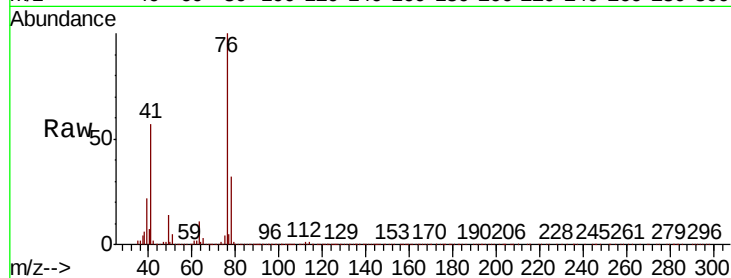
VSTDIC150

Tot Ion: 76 Resp: 1411638

Ion Ratio Lower Upper

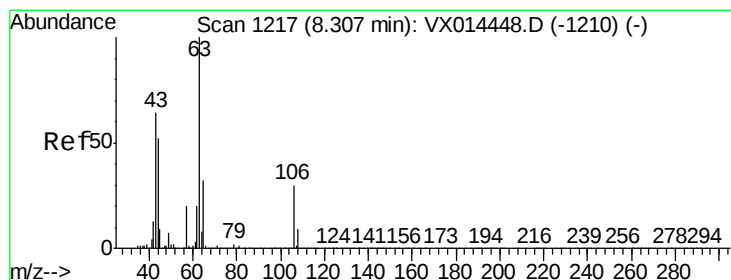
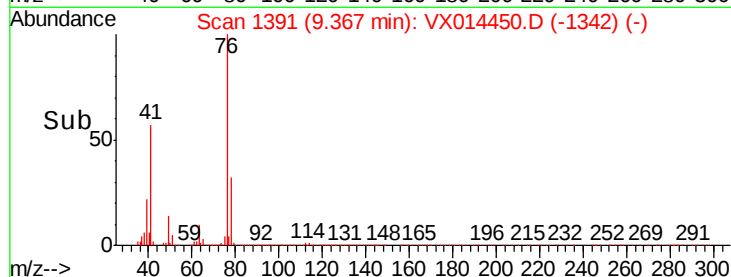
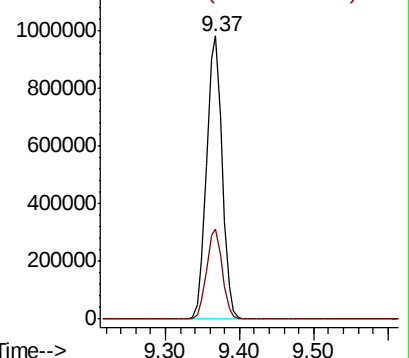
76 100

78 31.9 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 702.114 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014450.D

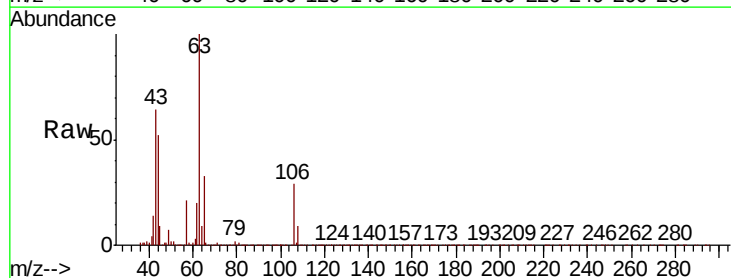
Acq: 07 Jan 2020 15:31

Tgt Ion: 63 Resp: 2354111

Ion Ratio Lower Upper

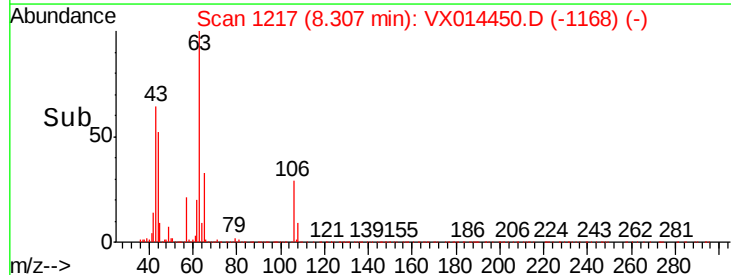
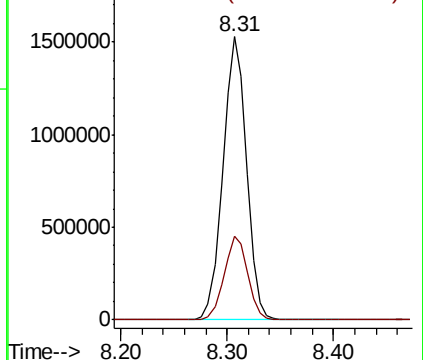
63 100

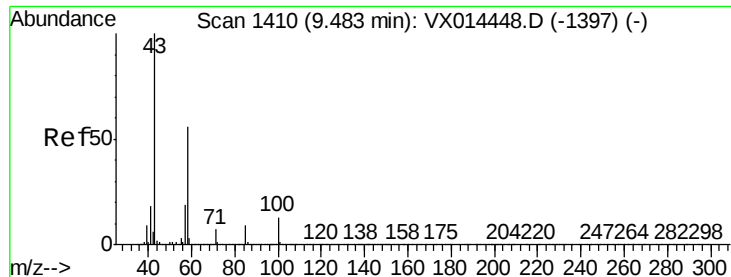
106 29.6 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

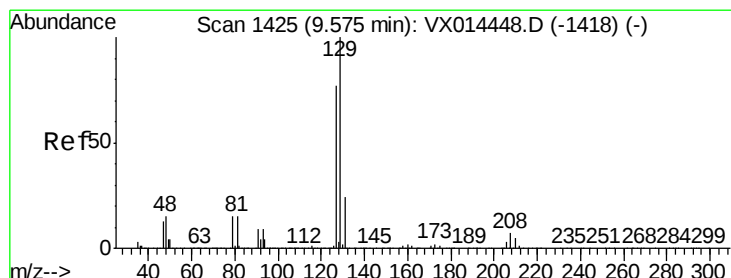
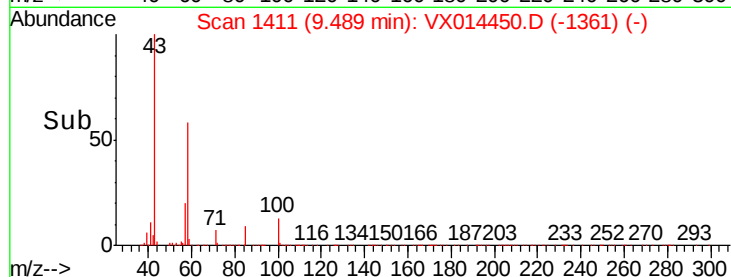
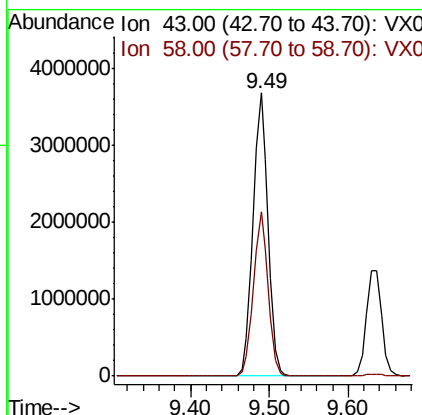
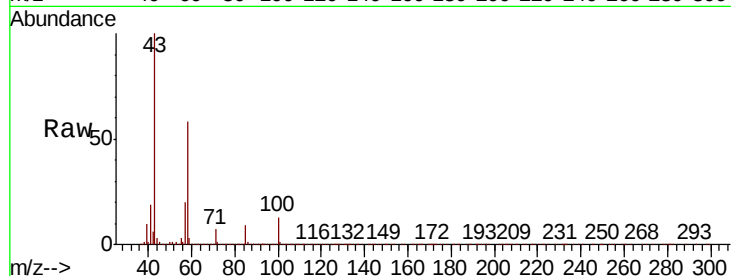




#59
2-Hexanone
Concen: 716.093 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX014450.D
Acq: 07 Jan 2020 15:31

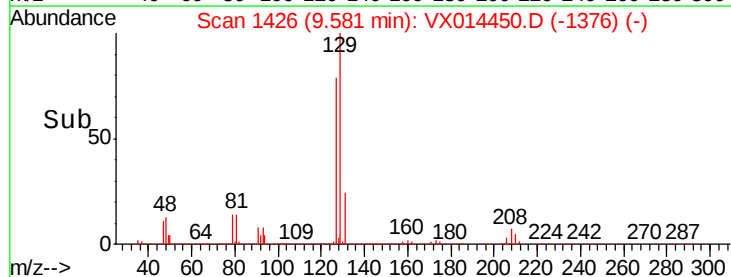
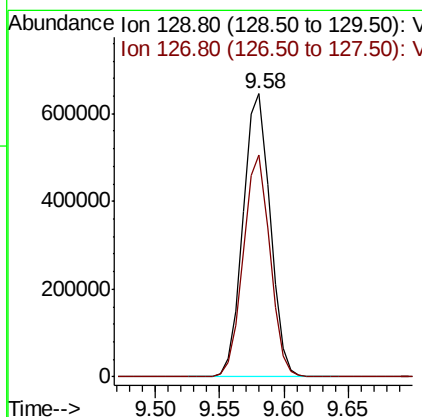
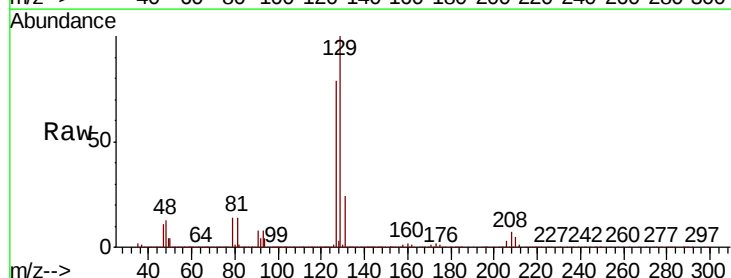
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

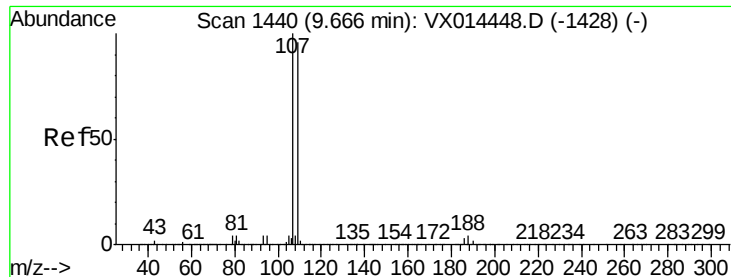
Tot Ion: 43 Resp: 4866446
Ion Ratio Lower Upper
43 100
58 56.8 27.9 83.7



#60
Dibromochloromethane
Concen: 162.525 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX014450.D
Acq: 07 Jan 2020 15:31

Tgt Ion: 129 Resp: 938340
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0





#61

1,2-Dibromoethane

Concen: 150.186 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014450.D

Acq: 07 Jan 2020 15:31

Instrument :

MSVOA_X

ClientSampleId :

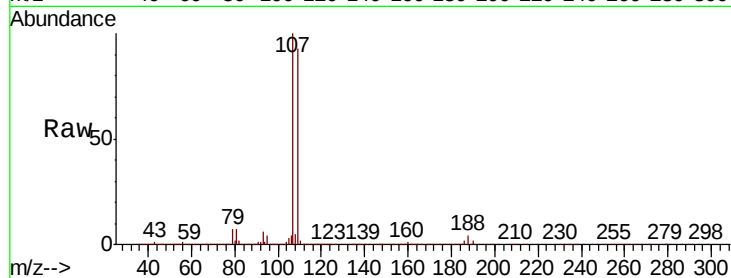
VSTDIC150

Tot Ion:107 Resp: 890347

Ion Ratio Lower Upper

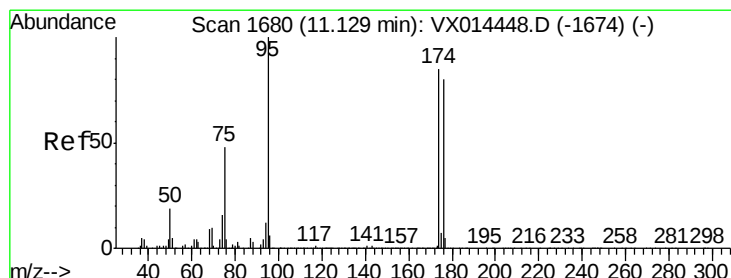
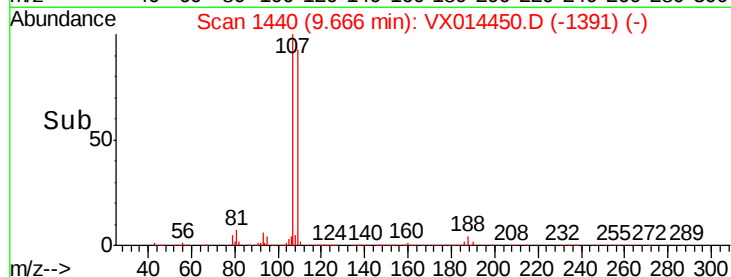
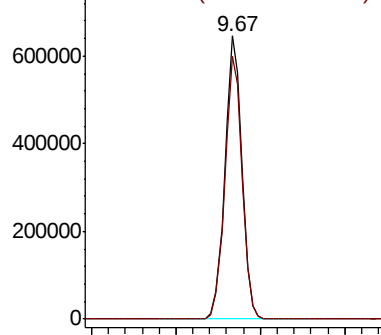
107 100

109 94.4 76.5 114.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 155.531 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX014450.D

Acq: 07 Jan 2020 15:31

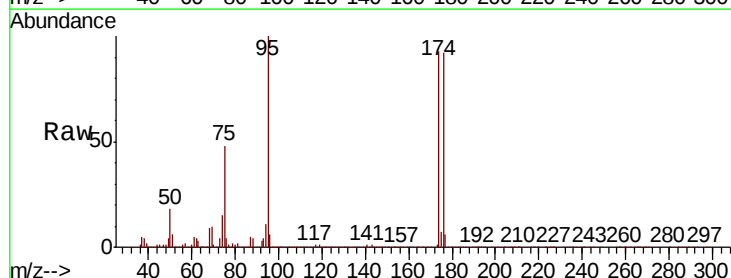
Tgt Ion: 95 Resp: 1077956

Ion Ratio Lower Upper

95 100

174 89.5 0.0 180.8

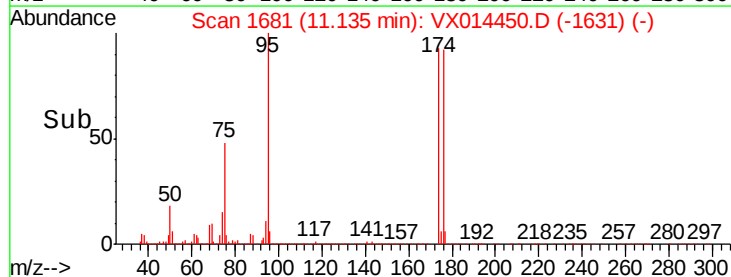
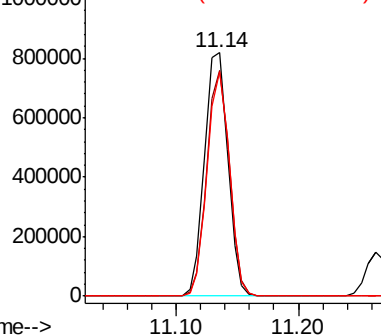
176 88.3 0.0 172.8

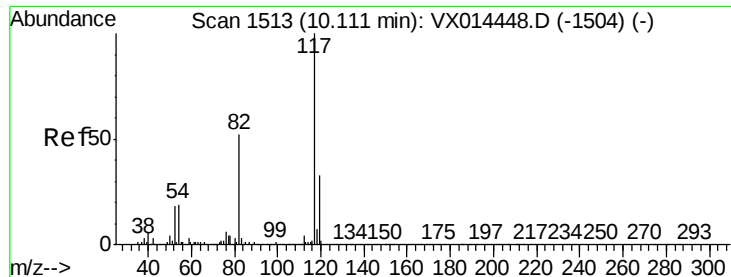


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

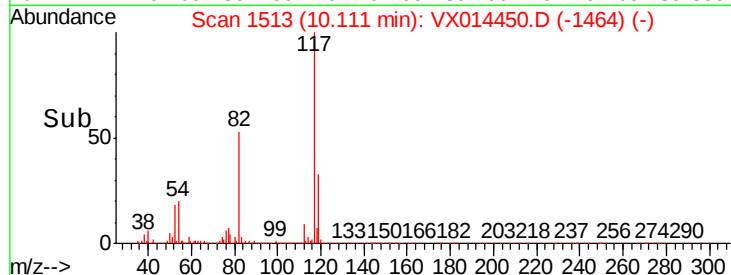
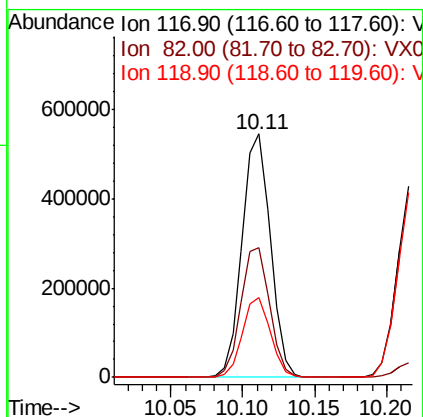
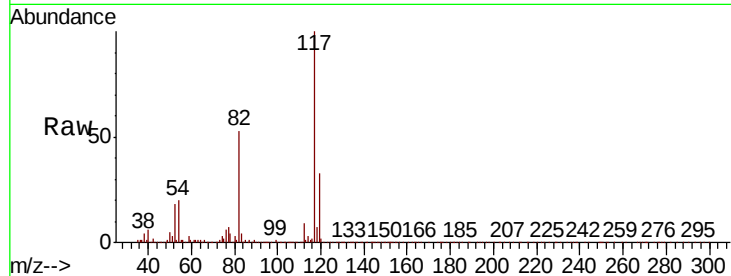




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014450.D
Acq: 07 Jan 2020 15:31

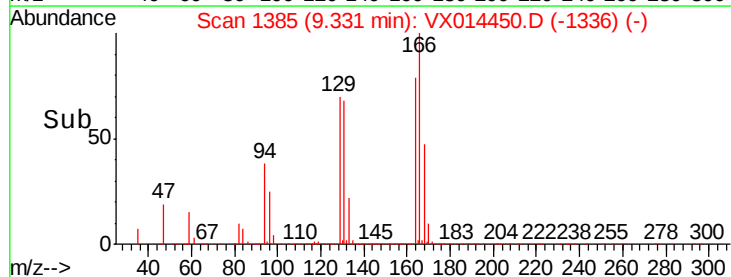
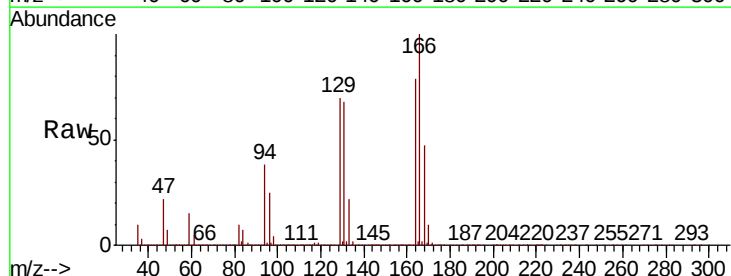
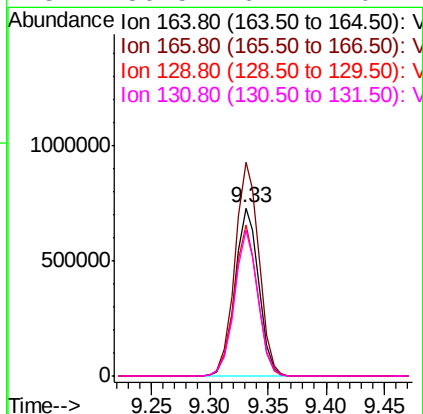
Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

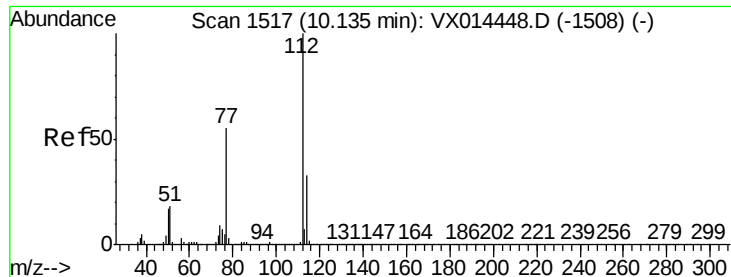
Tot Ion:117 Resp: 744483
Ion Ratio Lower Upper
117 100
82 53.1 41.8 62.6
119 32.7 26.2 39.4



#64
Tetrachloroethene
Concen: 152.467 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014450.D
Acq: 07 Jan 2020 15:31

Tgt Ion:164 Resp: 1035724
Ion Ratio Lower Upper
164 100
166 126.9 101.2 151.8
129 89.4 68.3 102.5
131 86.5 67.4 101.2

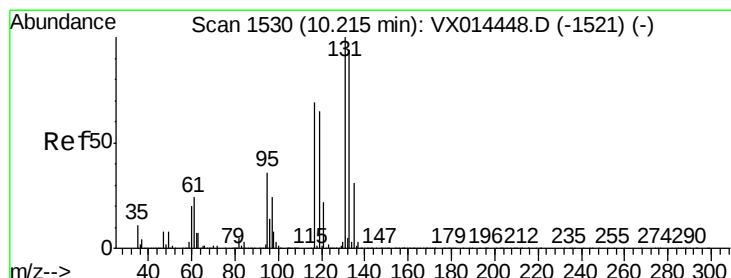
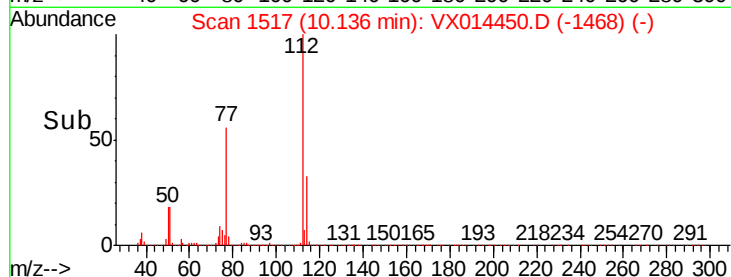
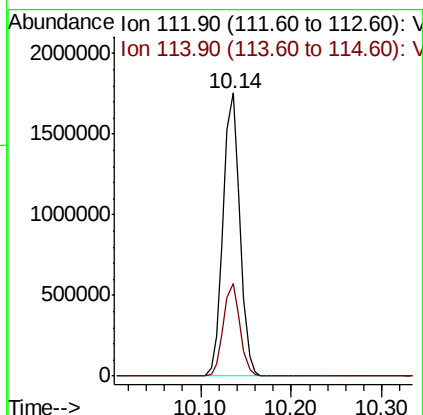
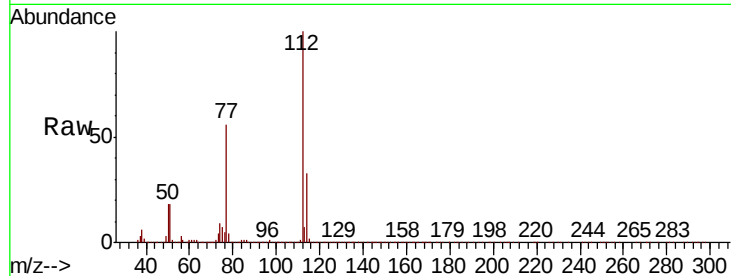




#65
Chlorobenzene
Concen: 142.334 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014450.D
Acq: 07 Jan 2020 15:31

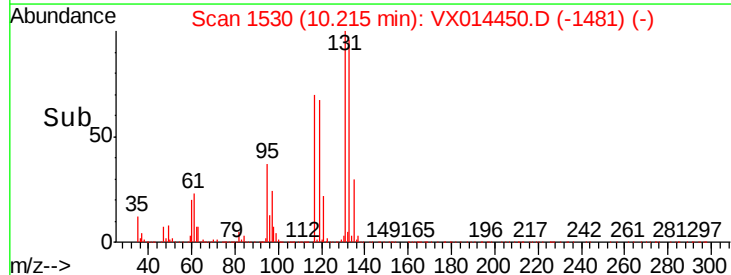
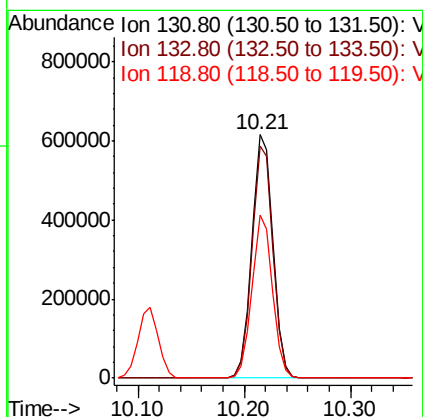
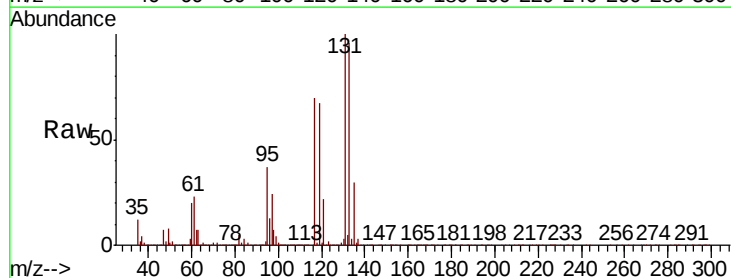
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:112 Resp: 2268007
Ion Ratio Lower Upper
112 100
114 32.7 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 149.627 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014450.D
Acq: 07 Jan 2020 15:31

Tgt Ion:131 Resp: 851780
Ion Ratio Lower Upper
131 100
133 95.5 47.3 142.0
119 65.5 32.8 98.4





#67

Ethyl Benzene

Concen: 145.397 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014450.D

Acq: 07 Jan 2020 15:31

Instrument :

MSVOA_X

ClientSampleId :

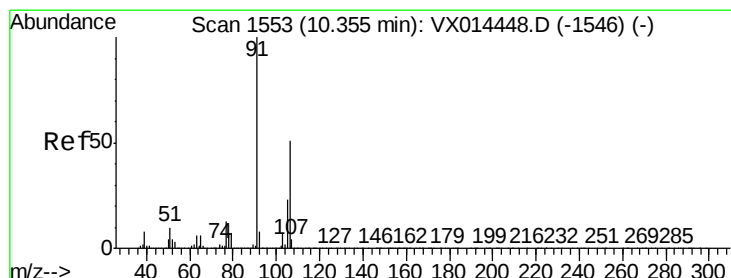
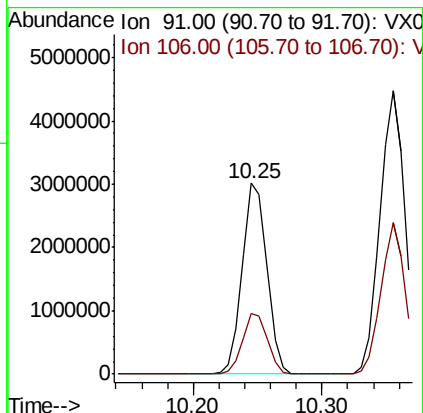
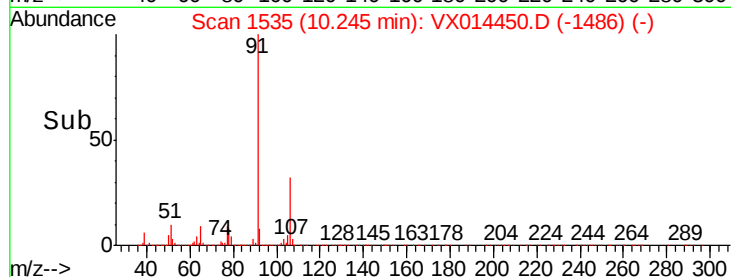
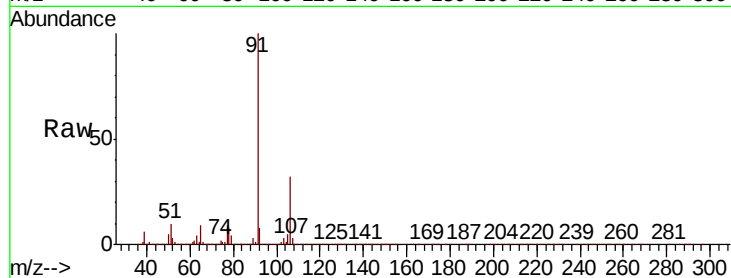
VSTDIC150

Tot Ion: 91 Resp: 3976348

Ion Ratio Lower Upper

91 100

106 31.5 25.6 38.4



#68

m/p-Xylenes

Concen: 293.542 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014450.D

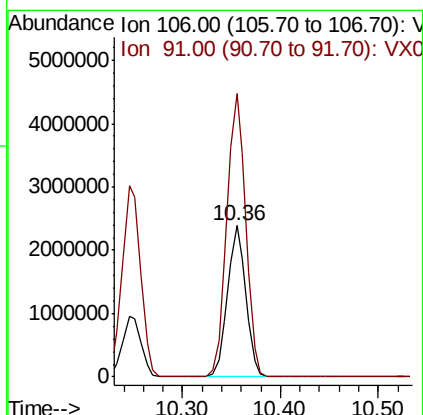
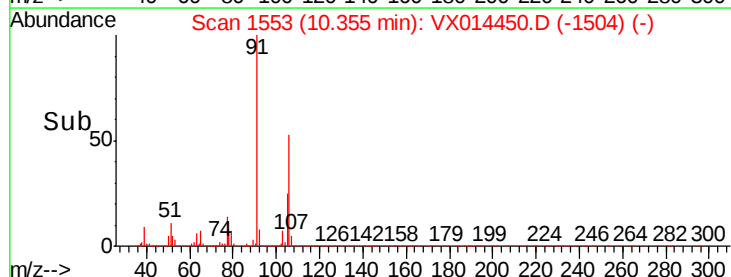
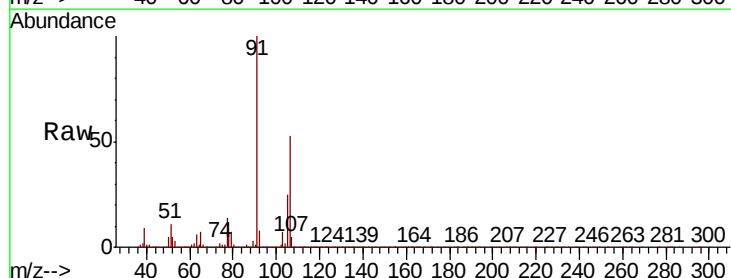
Acq: 07 Jan 2020 15:31

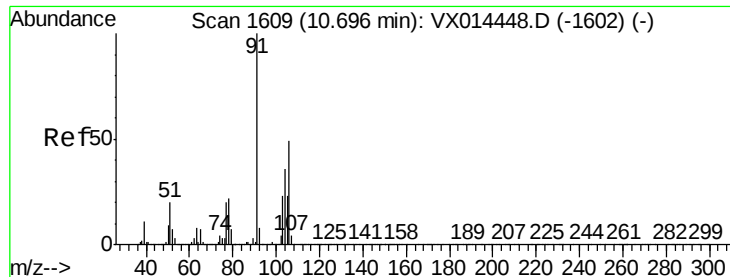
Tgt Ion: 106 Resp: 3093138

Ion Ratio Lower Upper

106 100

91 193.5 157.4 236.0

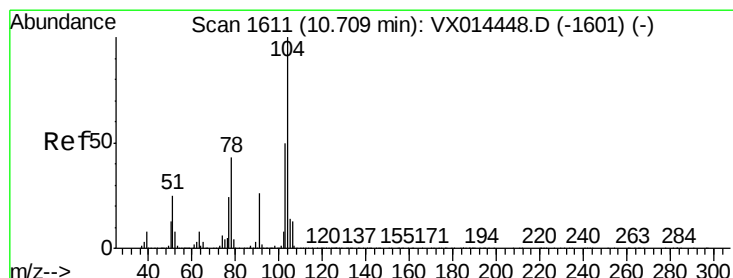
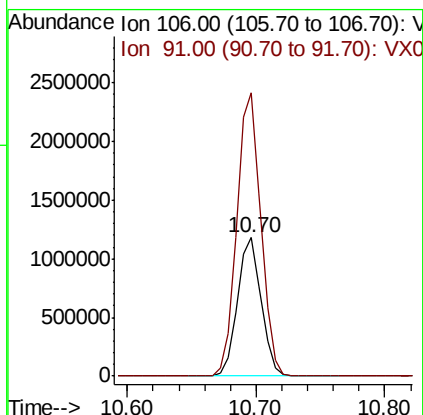
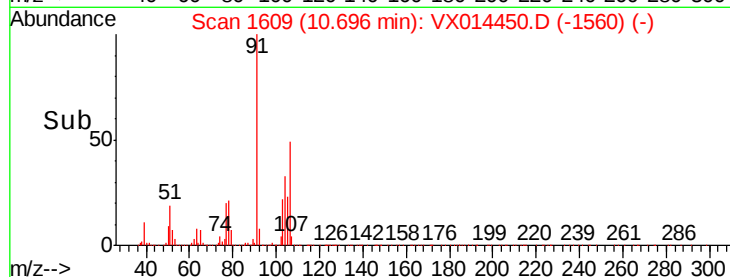
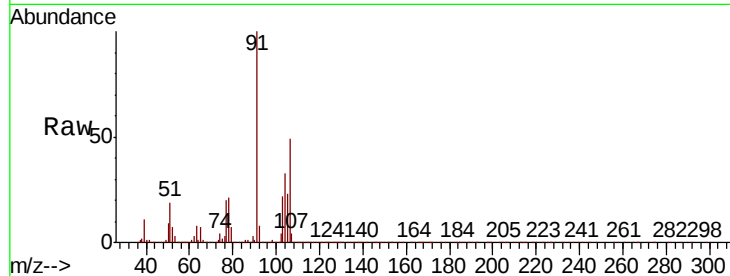




#69
o-Xylene
Concen: 145.718 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014450.D
Acq: 07 Jan 2020 15:31

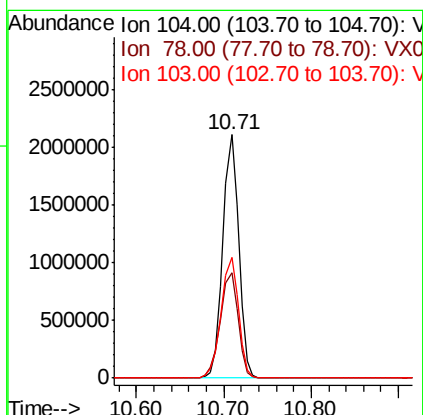
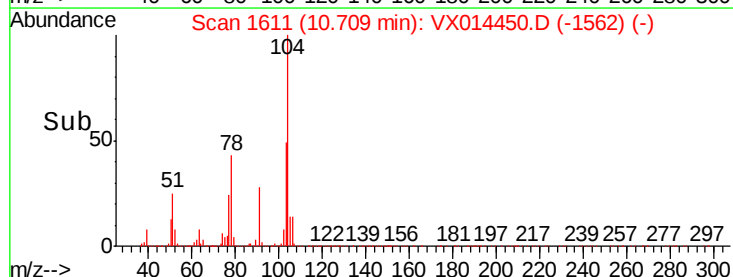
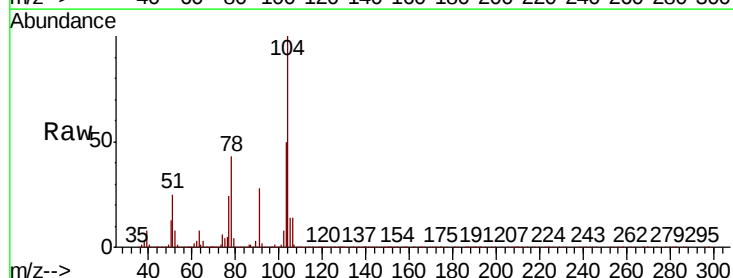
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:106 Resp: 1499412
Ion Ratio Lower Upper
106 100
91 208.3 105.1 315.1



#70
Styrene
Concen: 151.573 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014450.D
Acq: 07 Jan 2020 15:31

Tgt Ion:104 Resp: 2639579
Ion Ratio Lower Upper
104 100
78 48.7 38.6 58.0
103 54.2 43.7 65.5

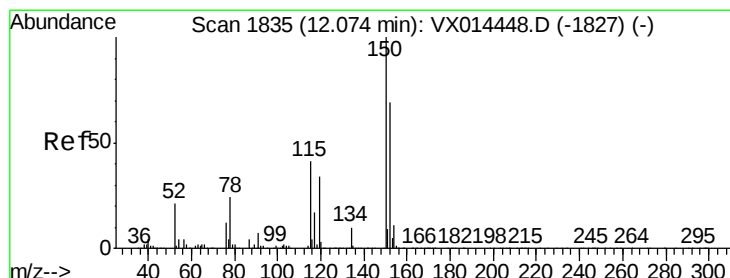
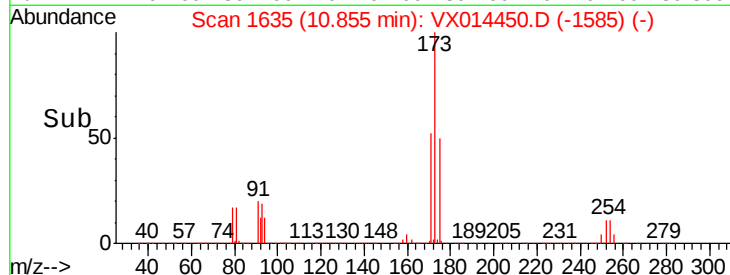
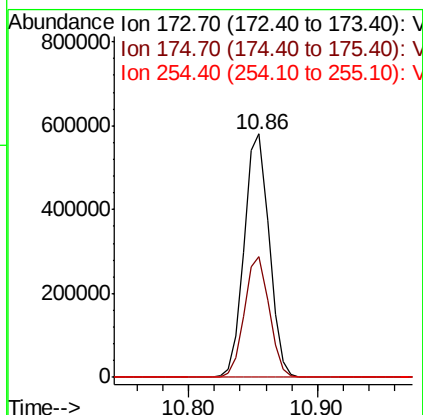
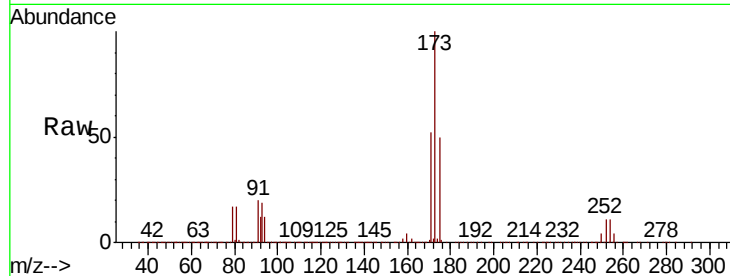




#71
Bromoform
Concen: 168.834 ug/l
RT: 10.86 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VX014450.D
Acq: 07 Jan 2020 15:31

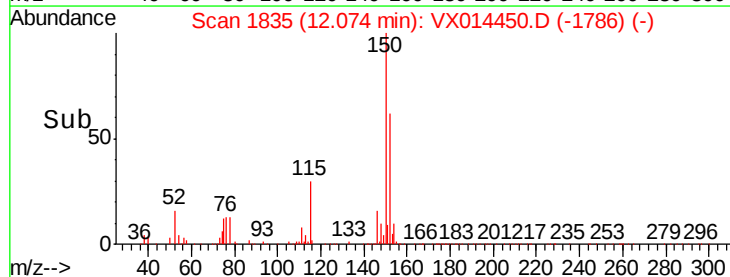
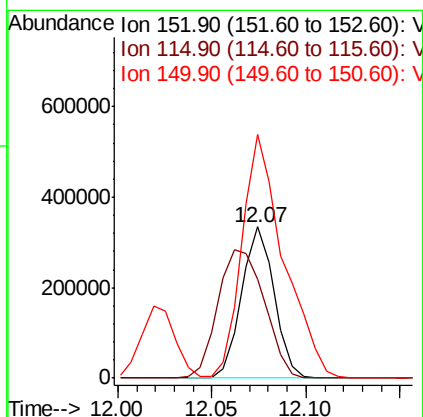
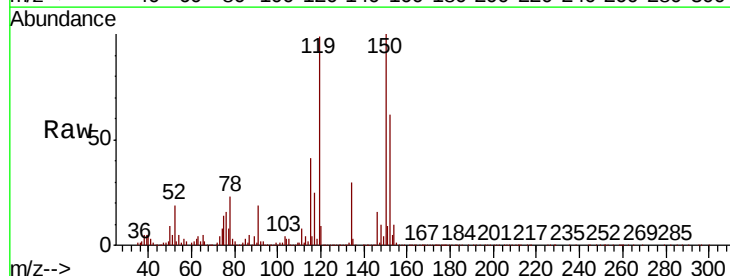
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

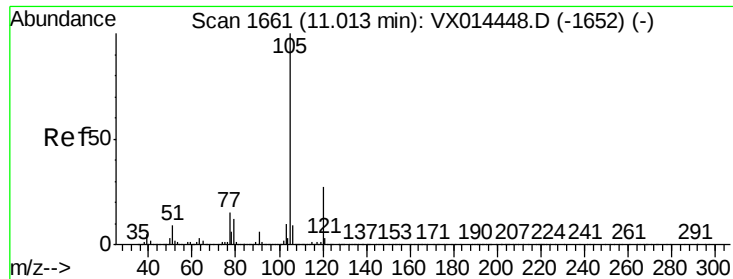
Tot Ion:173 Resp: 775342
Ion Ratio Lower Upper
173 100
175 49.1 24.3 72.8
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014450.D
Acq: 07 Jan 2020 15:31

Tgt Ion:152 Resp: 399273
Ion Ratio Lower Upper
152 100
115 121.7 39.5 118.3#
150 206.5 0.0 350.2





#73

Isopropylbenzene

Concen: 138.661 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014450.D

Acq: 07 Jan 2020 15:31

Instrument :

MSVOA_X

ClientSampleId :

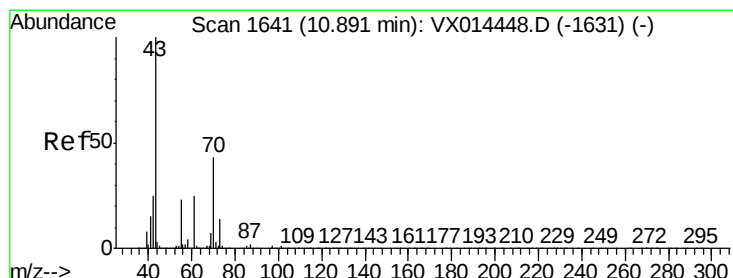
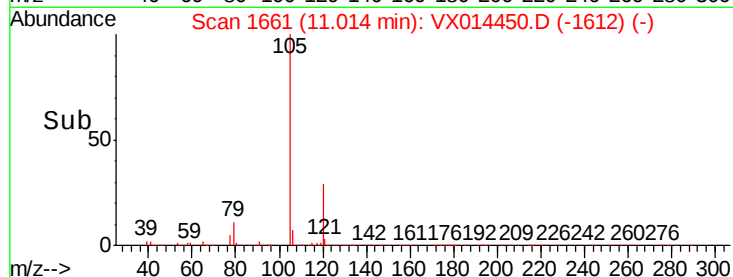
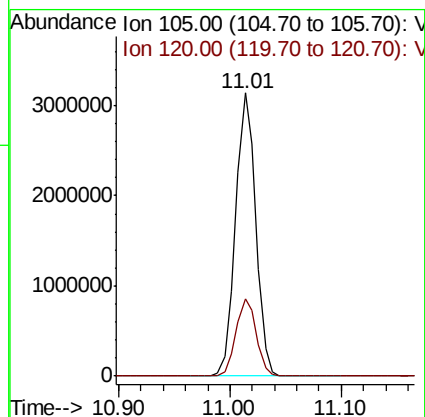
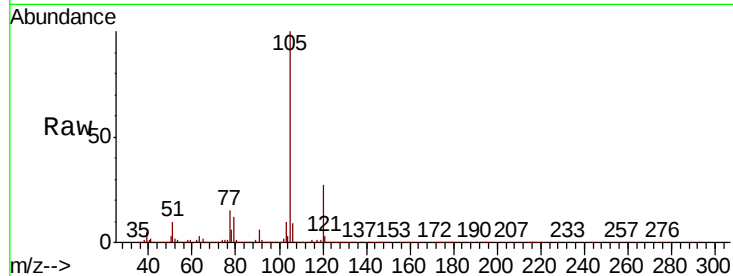
VSTDIC150

Tot Ion:105 Resp: 3913299

Ion Ratio Lower Upper

105 100

120 27.4 13.4 40.2



#74

N-ethyl acetate

Concen: 143.966 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014450.D

Acq: 07 Jan 2020 15:31

Tgt Ion: 43 Resp: 1886220

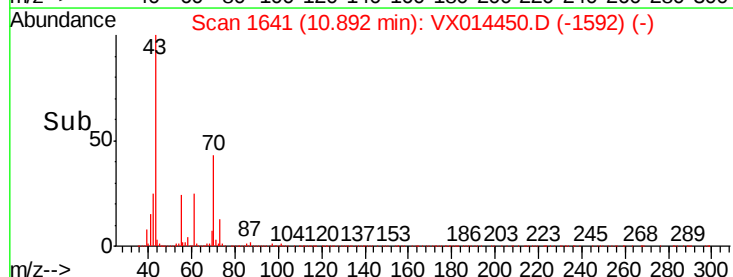
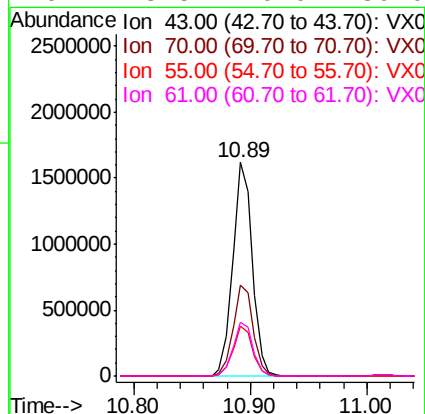
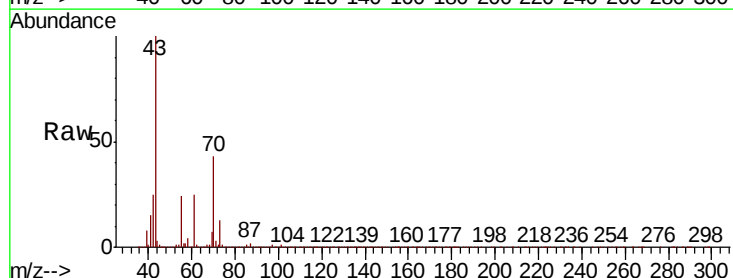
Ion Ratio Lower Upper

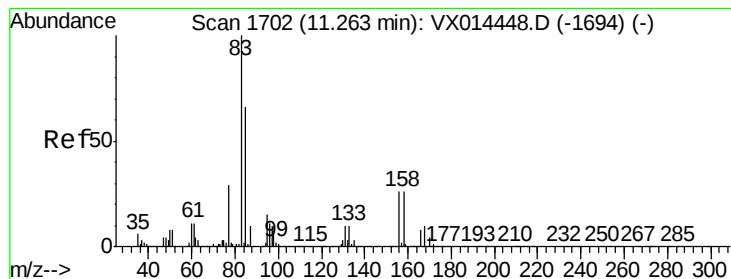
43 100

70 43.6 35.1 52.7

55 23.6 19.3 28.9

61 25.5 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 134.176 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014450.D

Acq: 07 Jan 2020 15:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

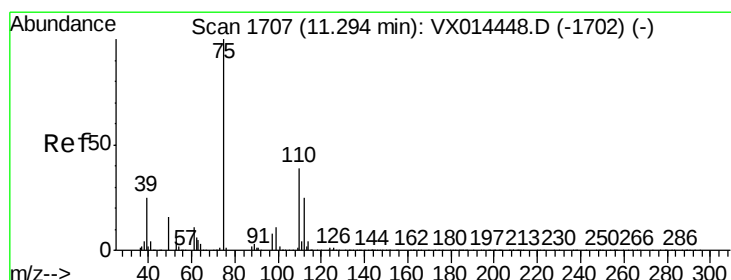
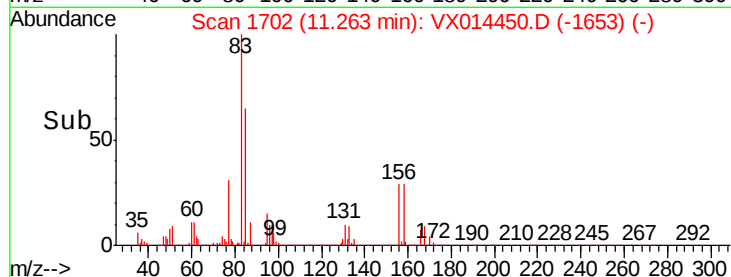
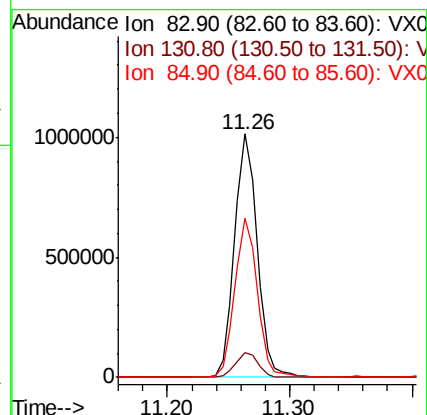
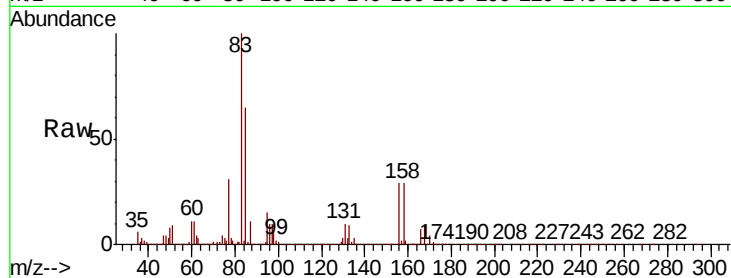
Tot Ion: 83 Resp: 1292032

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.4

85 65.0 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 186.415 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX014450.D

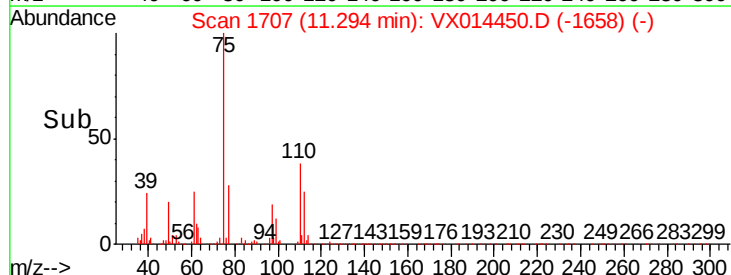
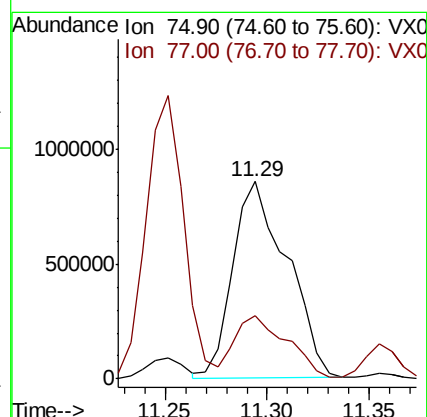
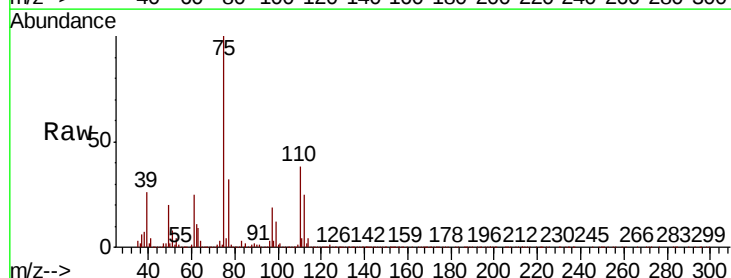
Acq: 07 Jan 2020 15:31

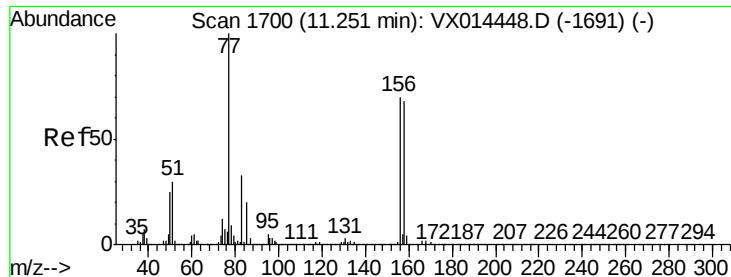
Tgt Ion: 75 Resp: 1579307

Ion Ratio Lower Upper

75 100

77 31.1 21.9 65.7

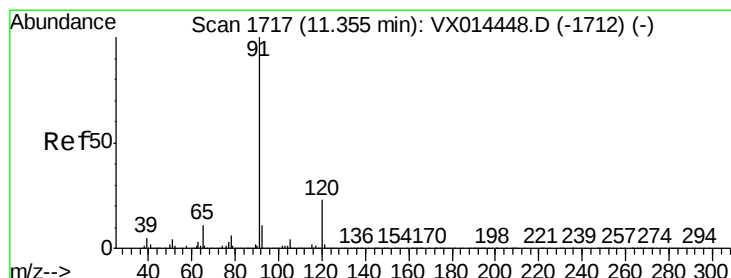
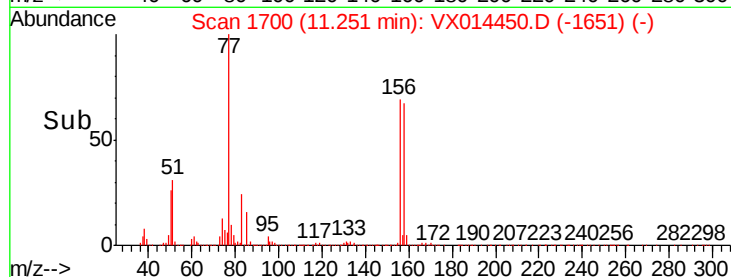
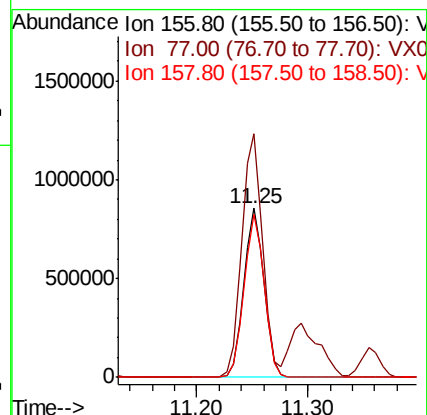
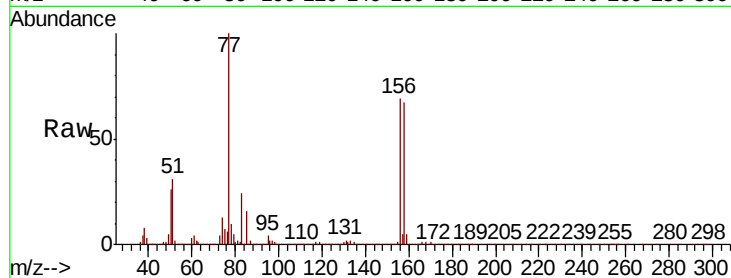




#77
Bromobenzene
Concen: 137.214 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX014450.D
Acq: 07 Jan 2020 15:31

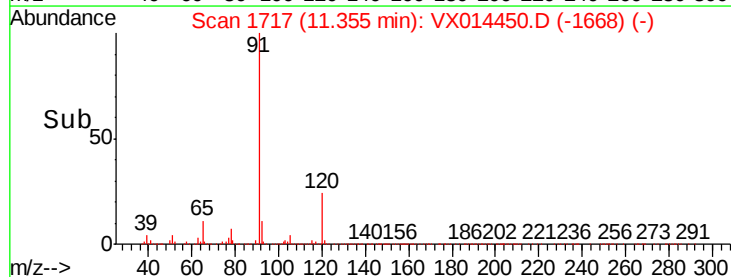
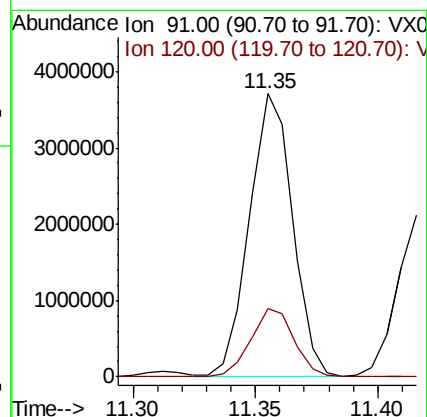
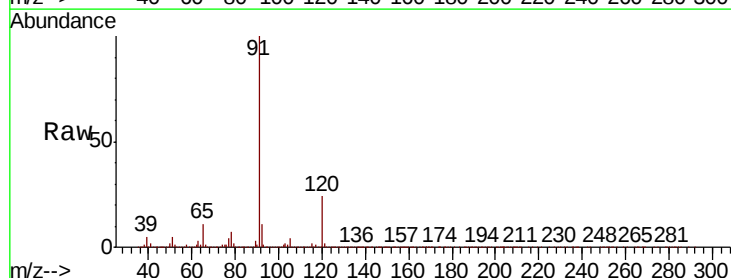
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

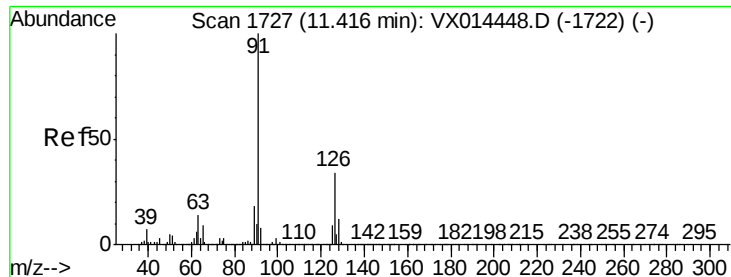
Tot Ion:156 Resp: 1066861
Ion Ratio Lower Upper
156 100
77 149.0 75.4 226.3
158 96.9 48.8 146.3



#78
n-propylbenzene
Concen: 143.110 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX014450.D
Acq: 07 Jan 2020 15:31

Tgt Ion: 91 Resp: 4529987
Ion Ratio Lower Upper
91 100
120 24.2 11.9 35.5





#79

2-Chlorotoluene

Concen: 138.429 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014450.D

Acq: 07 Jan 2020 15:31

Instrument :

MSVOA_X

ClientSampleId :

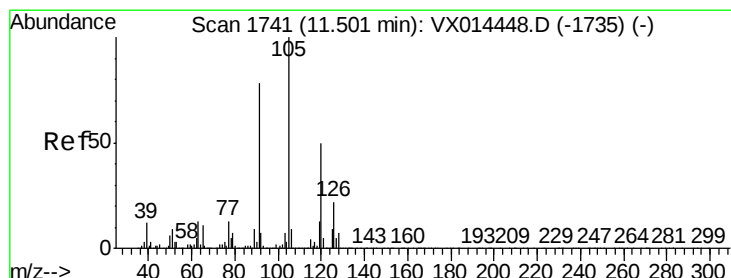
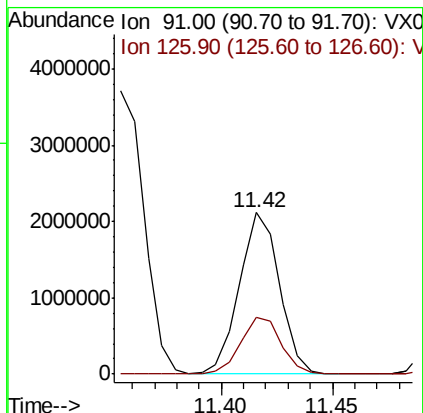
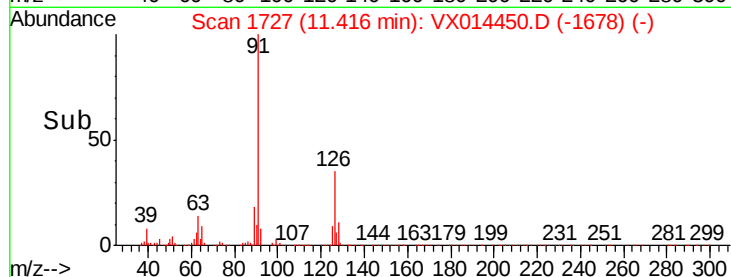
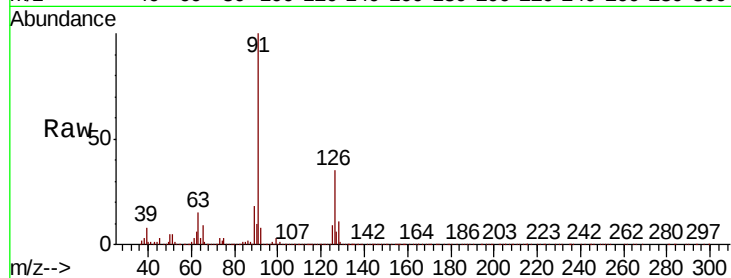
VSTDIC150

Tot Ion: 91 Resp: 2654416

Ion Ratio Lower Upper

91 100

126 35.6 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 142.734 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014450.D

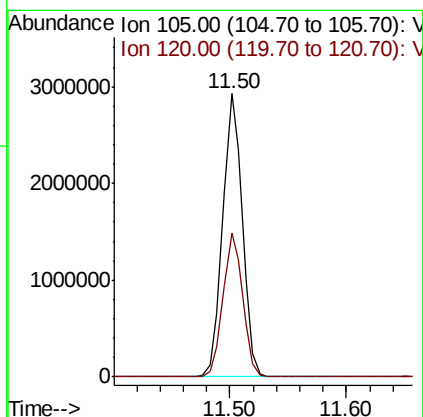
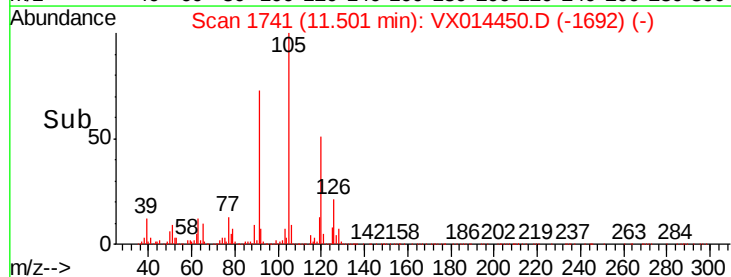
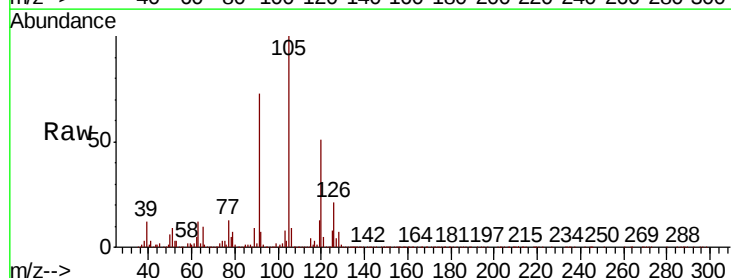
Acq: 07 Jan 2020 15:31

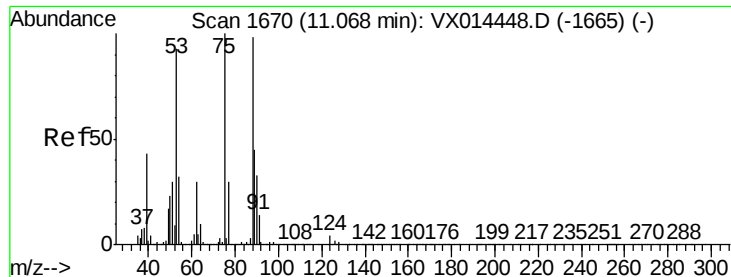
Tgt Ion: 105 Resp: 3386214

Ion Ratio Lower Upper

105 100

120 51.1 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 165.884 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014450.D

Acq: 07 Jan 2020 15:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

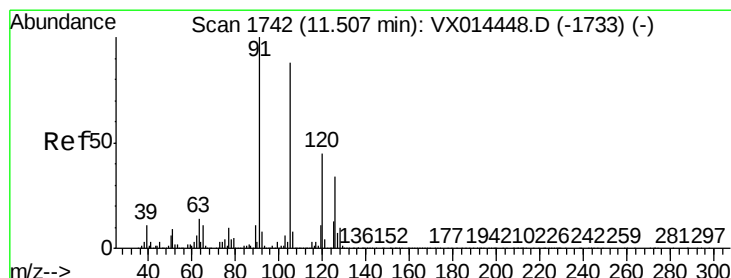
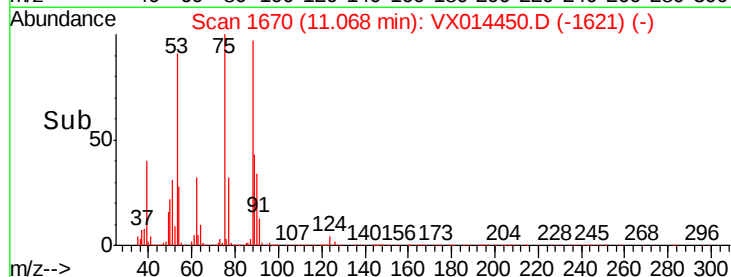
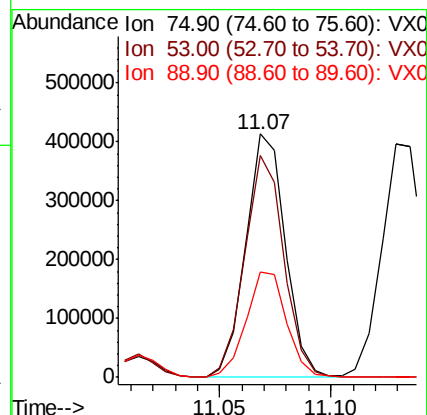
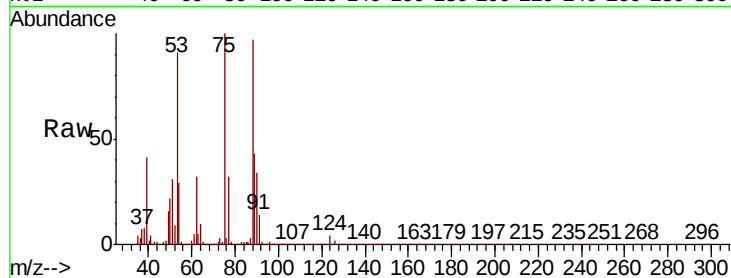
Tot Ion: 75 Resp: 512837

Ion Ratio Lower Upper

75 100

53 89.6 74.8 112.2

89 44.5 36.3 54.5



#82

4-Chlorotoluene

Concen: 142.693 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014450.D

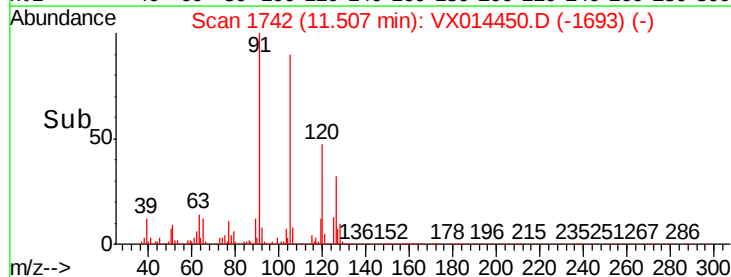
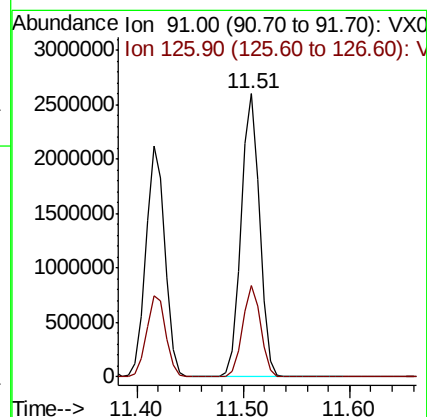
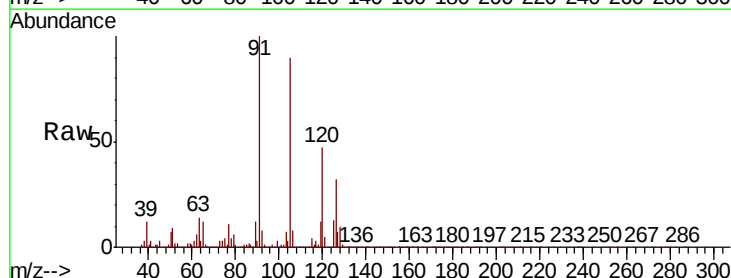
Acq: 07 Jan 2020 15:31

Tgt Ion: 91 Resp: 3183534

Ion Ratio Lower Upper

91 100

126 31.4 15.9 47.7

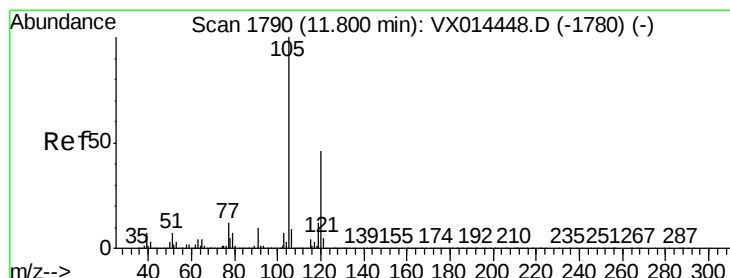
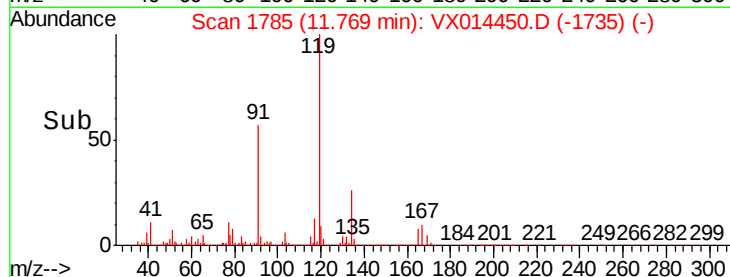
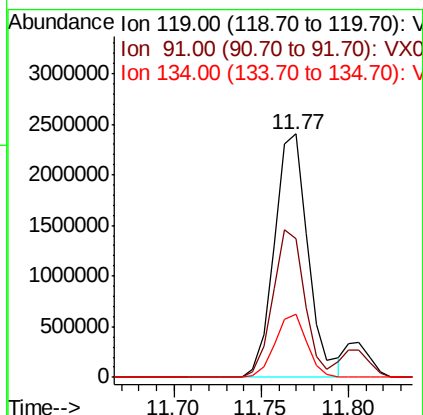
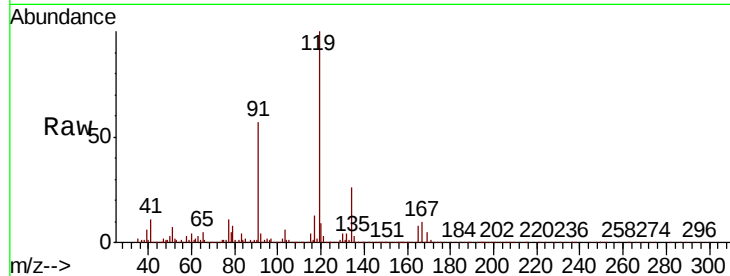




#83
tert-Butylbenzene
Concen: 141.012 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.01 min
Lab File: VX014450.D
Acq: 07 Jan 2020 15:31

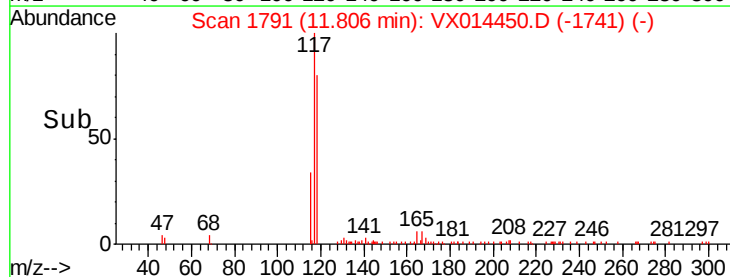
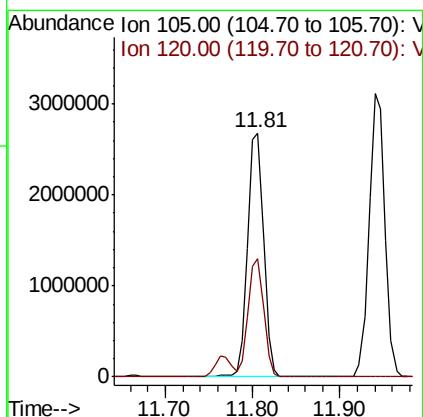
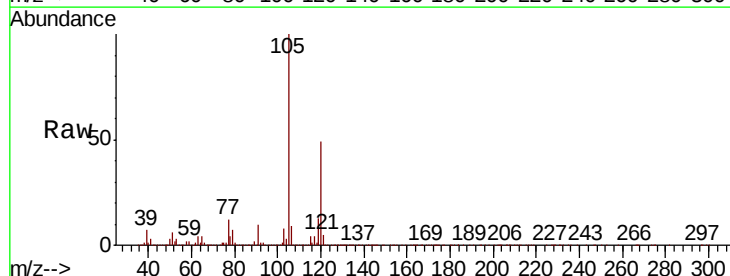
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

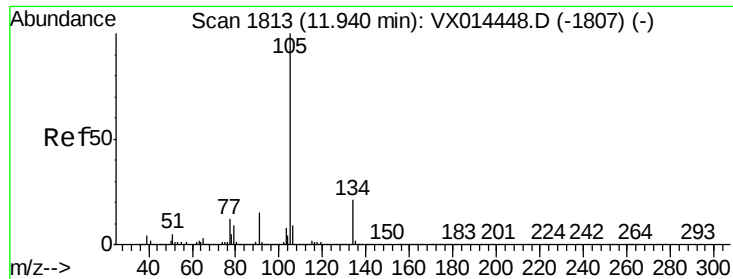
Tot Ion:119 Resp: 3232772
Ion Ratio Lower Upper
119 100
91 57.0 29.3 88.0
134 24.3 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 142.619 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX014450.D
Acq: 07 Jan 2020 15:31

Tgt Ion:105 Resp: 3384489
Ion Ratio Lower Upper
105 100
120 47.2 23.1 69.3





#85

sec-Butylbenzene

Concen: 144.681 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014450.D

Acq: 07 Jan 2020 15:31

Instrument :

MSVOA_X

ClientSampleId :

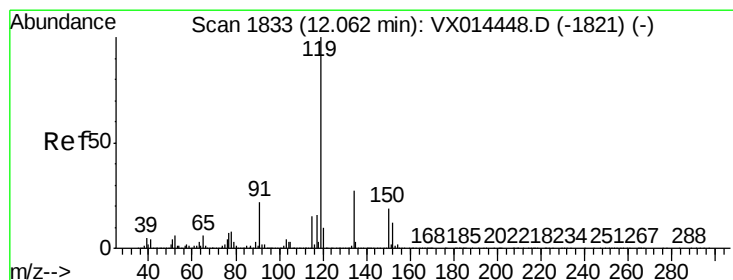
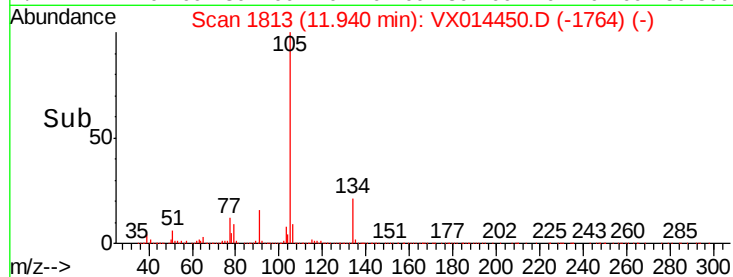
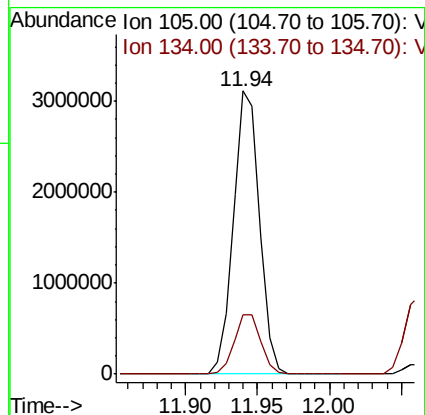
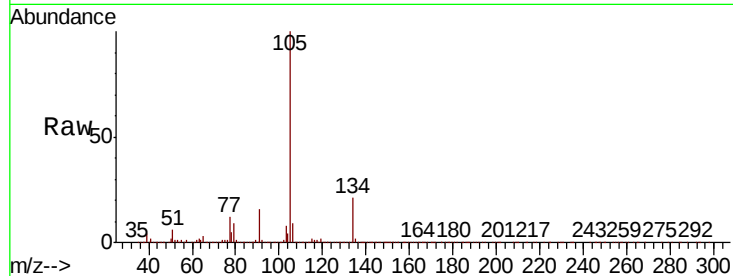
VSTDIC150

Tot Ion:105 Resp: 3951952

Ion Ratio Lower Upper

105 100

134 21.4 10.5 31.5



#86

p-Isopropyltoluene

Concen: 147.873 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014450.D

Acq: 07 Jan 2020 15:31

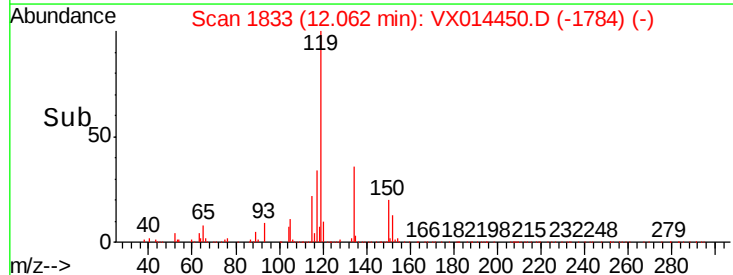
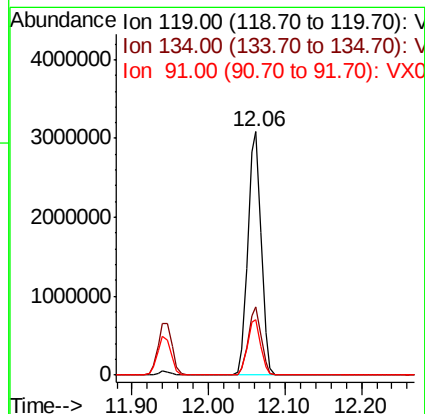
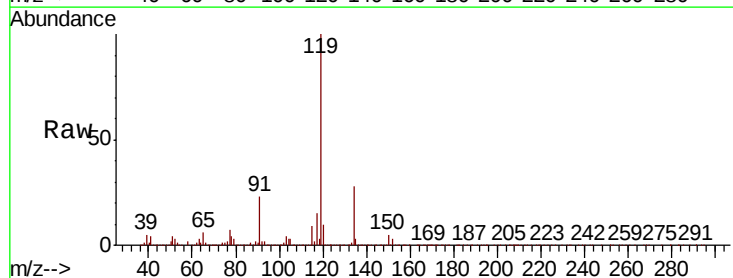
Tgt Ion:119 Resp: 3701670

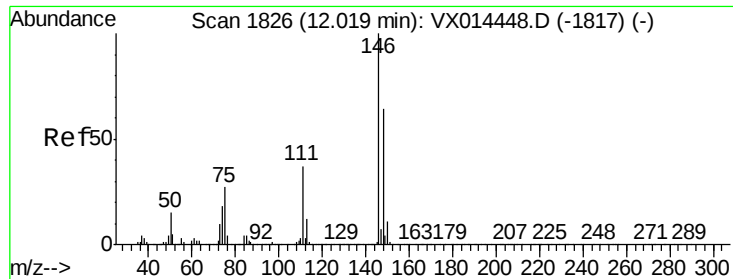
Ion Ratio Lower Upper

119 100

134 27.3 13.5 40.4

91 22.7 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 142.511 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

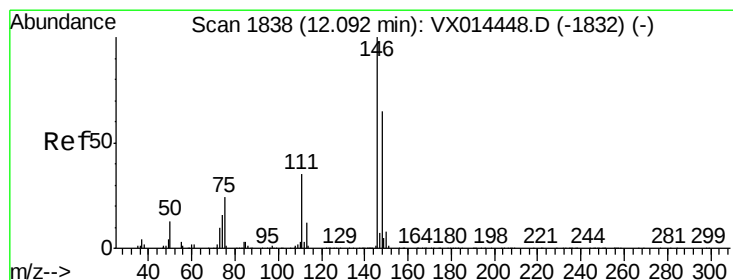
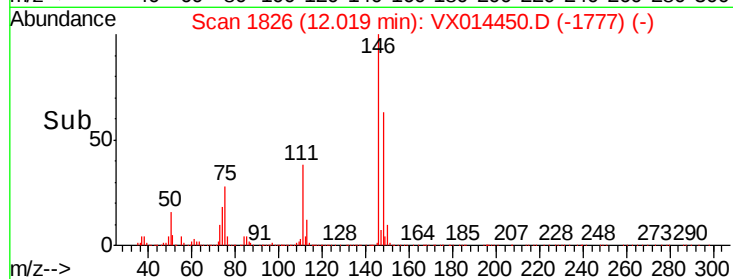
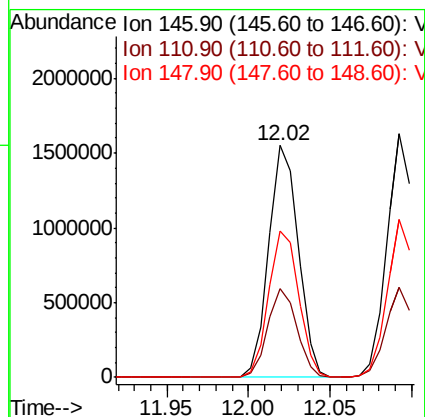
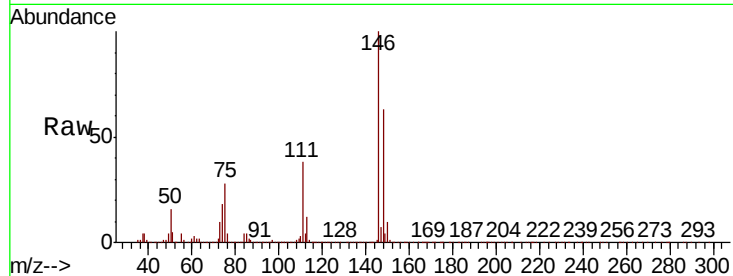
Lab File: VX014450.D

Acq: 07 Jan 2020 15:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:146 Resp: 1943964

Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.9	56.7
148	64.3	32.2	96.6



#88

1,4-Dichlorobenzene

Concen: 139.987 ug/l

RT: 12.09 min Scan# 1838

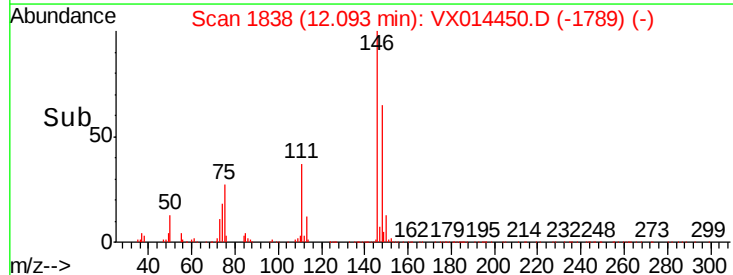
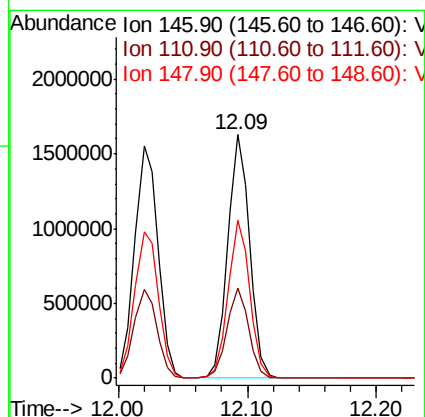
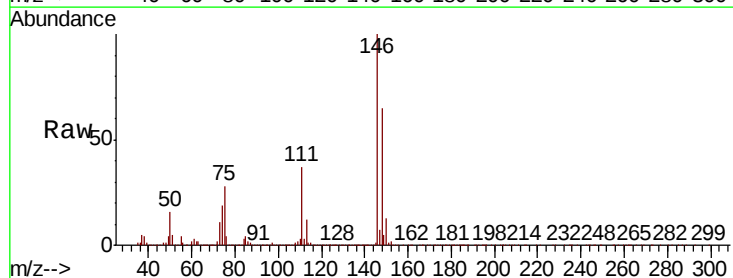
Delta R.T. 0.00 min

Lab File: VX014450.D

Acq: 07 Jan 2020 15:31

Tgt Ion:146 Resp: 1947245

Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.1	54.1
148	64.2	32.1	96.3

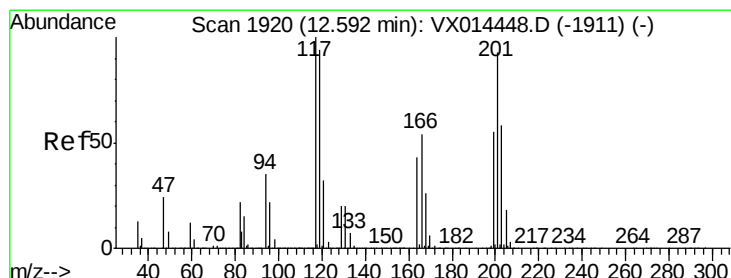
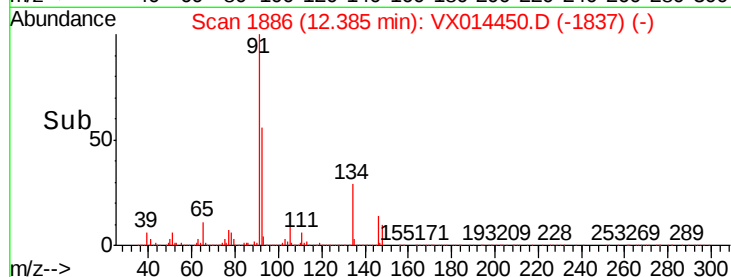
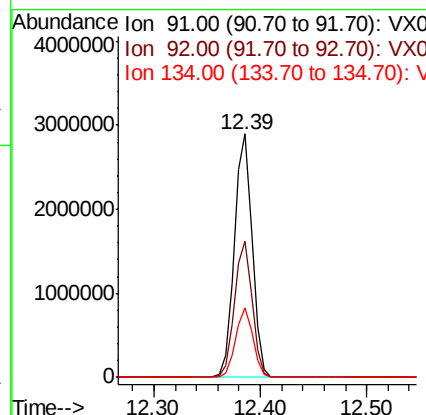
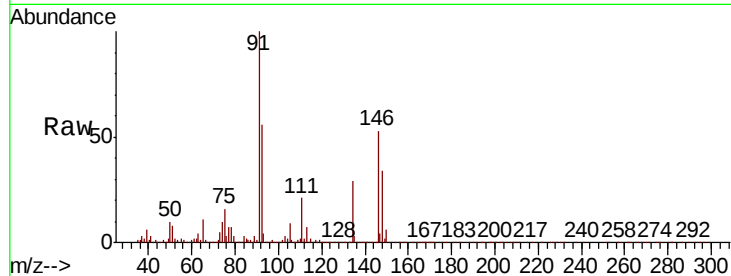




#89
n-Butylbenzene
Concen: 158.674 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014450.D
Acq: 07 Jan 2020 15:31

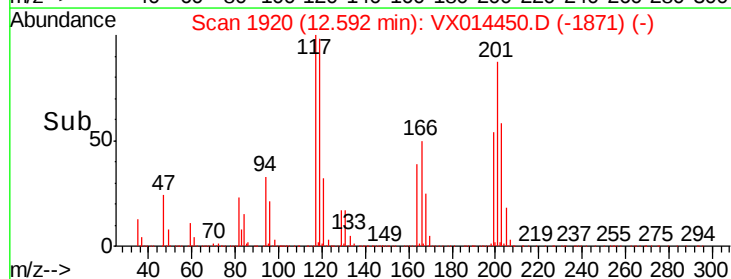
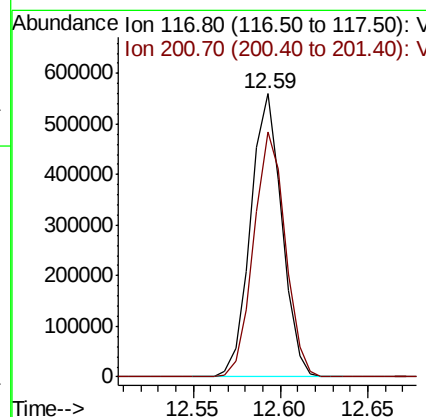
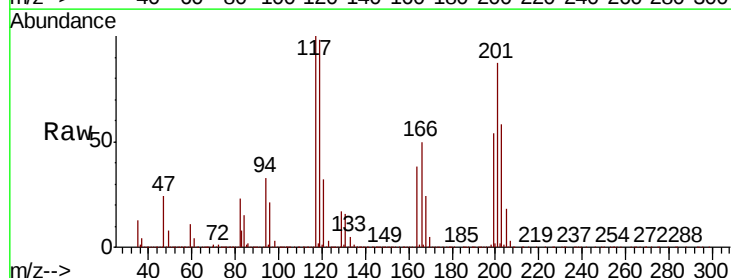
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 3403903
Ion Ratio Lower Upper
91 100
92 55.6 27.4 82.2
134 27.9 13.9 41.7



#90
Hexachloroethane
Concen: 155.049 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014450.D
Acq: 07 Jan 2020 15:31

Tgt Ion: 117 Resp: 694122
Ion Ratio Lower Upper
117 100
201 87.9 44.8 134.3





#91

1,2-Dichlorobenzene

Concen: 138.921 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014450.D

Acq: 07 Jan 2020 15:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

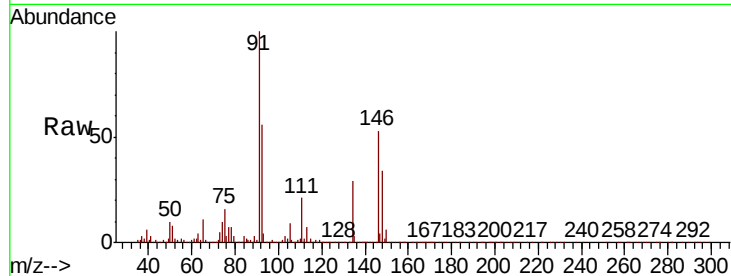
Tot Ion:146 Resp: 1900027

Ion Ratio Lower Upper

146 100

111 39.7 19.8 59.4

148 64.4 32.3 96.8

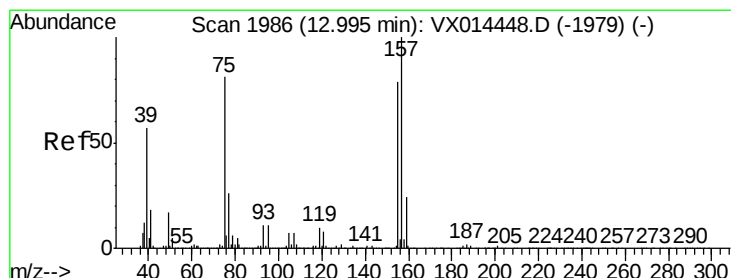
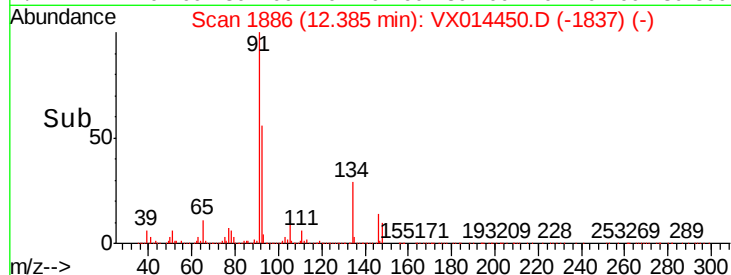
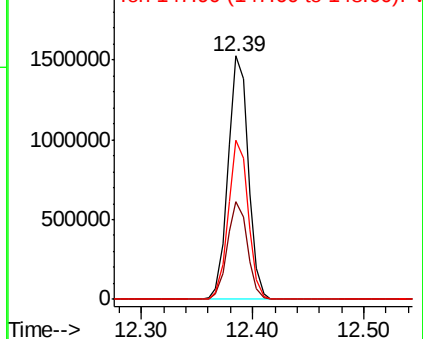


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 138.970 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014450.D

Acq: 07 Jan 2020 15:31

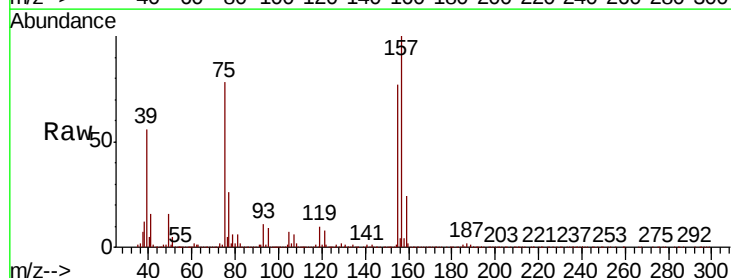
Tgt Ion: 75 Resp: 300905

Ion Ratio Lower Upper

75 100

155 98.8 48.7 146.1

157 127.8 62.0 185.9

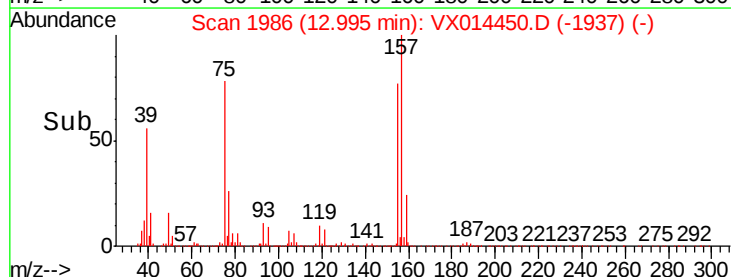
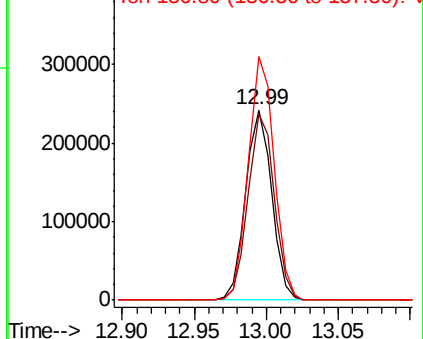


Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

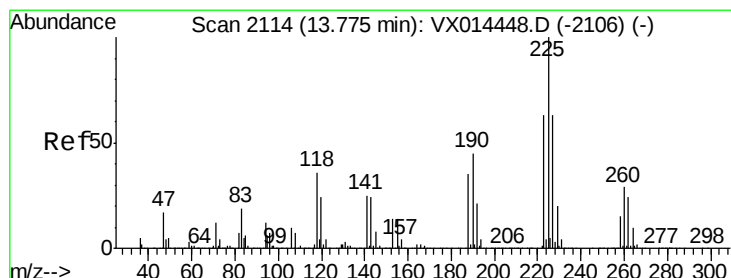
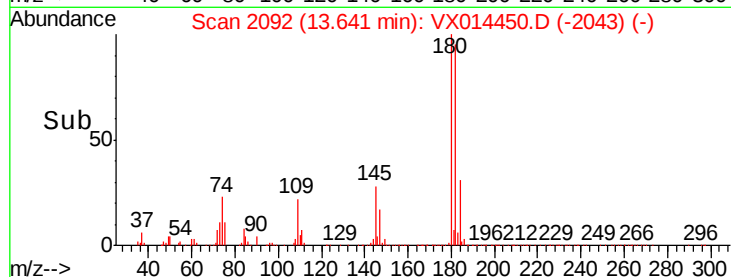
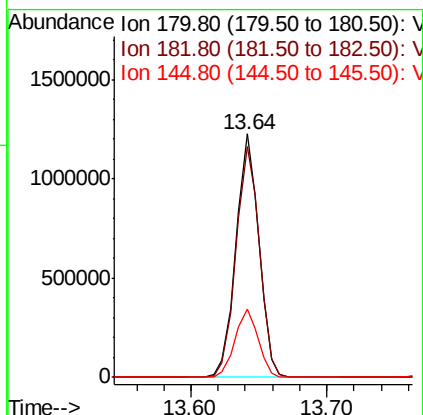
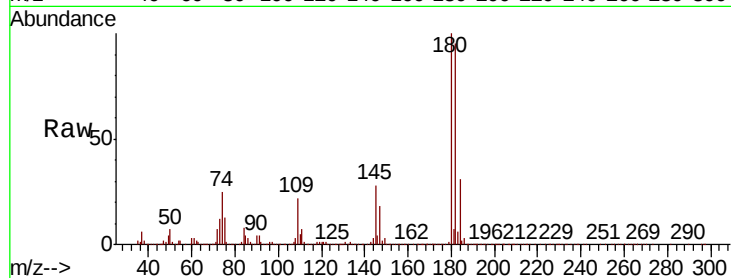




#93
 1,2,4-Trichlorobenzene
 Concen: 158.427 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014450.D
 Acq: 07 Jan 2020 15:31

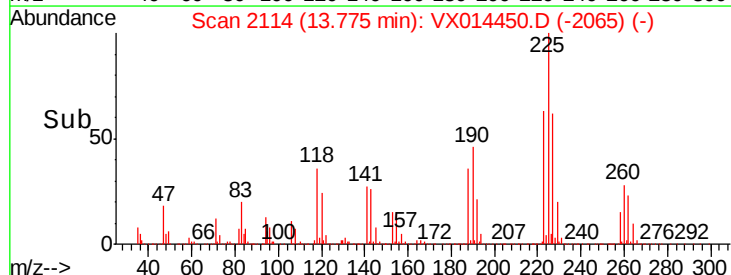
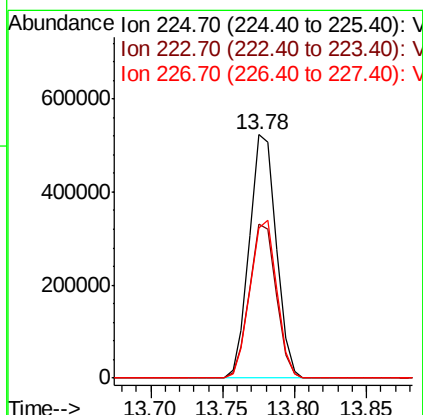
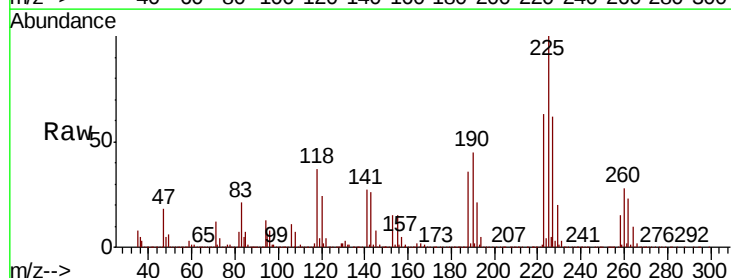
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

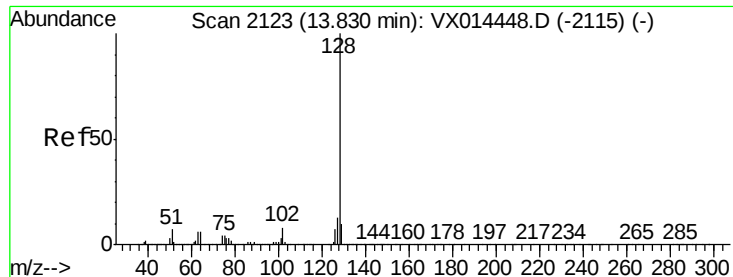
Tot Ion:180 Resp: 1436062
 Ion Ratio Lower Upper
 180 100
 182 96.8 47.5 142.5
 145 28.2 13.9 41.6



#94
 Hexachlorobutadiene
 Concen: 154.646 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014450.D
 Acq: 07 Jan 2020 15:31

Tgt Ion:225 Resp: 672990
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.1 93.2
 227 64.6 31.4 94.2





#95

Naphthalene

Concen: 157.495 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014450.D

Acq: 07 Jan 2020 15:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

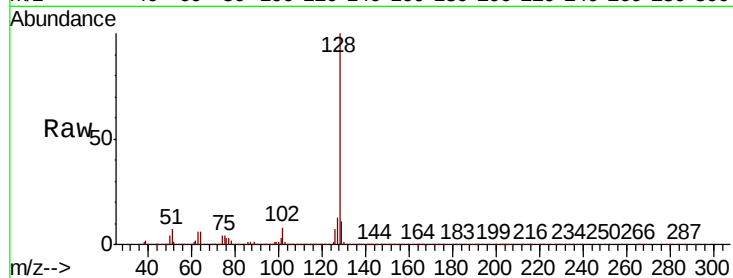
Tot Ion:128 Resp: 4177486

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

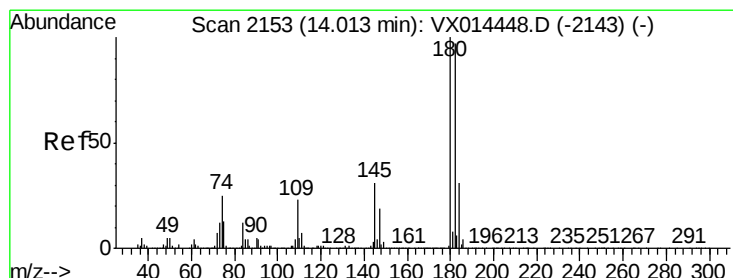
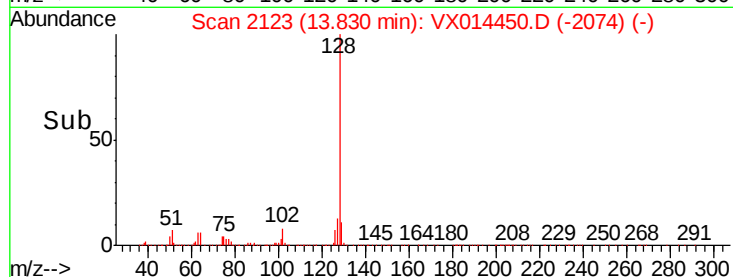
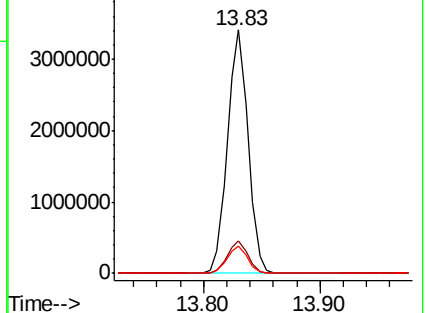
129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 157.321 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX014450.D

Acq: 07 Jan 2020 15:31

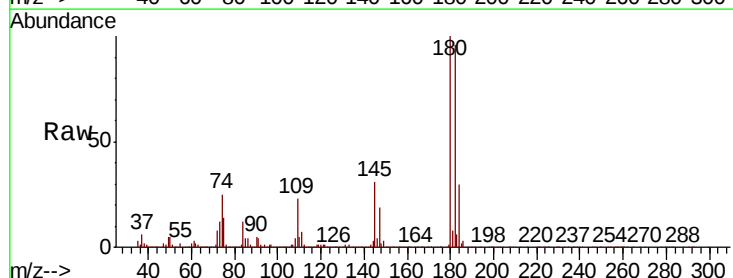
Tgt Ion:180 Resp: 1401448

Ion Ratio Lower Upper

180 100

182 96.6 47.9 143.6

145 30.0 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

