

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101619\
 Data File : VX013090.D
 Acq On : 16 Oct 2019 12:07
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 17 02:23:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X101619W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 17 02:18:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	28183	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	169804	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	156251	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	66773	33.98	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	113.27%
60) 4-Bromofluorobenzene	11.14	95	82417	31.46	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	104.87%
63) Toluene-d8	8.71	98	207575	29.95	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.83%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	290662	157.650	ug/l 100
3) Chloromethane	1.31	50	293110	177.544	ug/l 99
4) Vinyl Chloride	1.40	62	290979	170.868	ug/l 96
5) Bromomethane	1.62	94	125633	135.841	ug/l 98
6) Chloroethane	1.70	64	161508	155.858	ug/l 98
7) Trichlorofluoromethane	1.91	101	412010	147.998	ug/l 99
8) Diethyl Ether	2.18	74	152906	162.617	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	256187	162.737	ug/l 99
10) 1,1-Dichloroethene	2.36	96	258228	163.654	ug/l 98
11) Methyl Iodide	2.50	142	360092	172.391	ug/l 99
12) Methyl Acetate	2.76	43	366145	166.012	ug/l 96
13) Acrolein	2.28	56	277586	1012.292	ug/l 99
14) Acrylonitrile	3.14	53	766749	874.110	ug/l 100
15) Acetone	2.44	58	251342	935.251	ug/l 95
16) Carbon Disulfide	2.56	76	722226	175.639	ug/l 99
17) Allyl chloride	2.72	41	444539	186.834	ug/l 95
18) Methylene Chloride	2.84	84	289816	163.534	ug/l 96
19) trans-1,2-Dichloroethene	3.15	96	278659	166.336	ug/l 94
20) Diisopropyl ether	3.85	45	826080	167.049	ug/l 90
21) 1,1-Dichloroethane	3.69	63	486081	171.296	ug/l 100
22) cis-1,2-Dichloroethene	4.58	96	314508	163.283	ug/l 99
23) tert-Butyl Alcohol	3.05	59	380871	833.450	ug/l # 100
24) Methyl tert-Butyl Ether	3.19	73	885838	171.363	ug/l 100
25) Chloroform	5.20	83	492686	160.061	ug/l 98
26) Cyclohexane	5.57	56	437713	169.511	ug/l # 97
29) 1,1-Dichloropropene	5.79	75	381188	157.832	ug/l 100
30) 2-Butanone	4.67	43	1114506	829.213	ug/l 100
31) 2,2-Dichloropropane	4.57	77	429583	189.063	ug/l 99
32) 1,1,1-Trichloroethane	5.48	97	449116	153.992	ug/l 98
33) Carbon Tetrachloride	5.78	117	393228	154.711	ug/l 99
34) Benzene	6.13	78	1117529	153.597	ug/l 99
35) Methacrylonitrile	5.03	41	226486	164.284	ug/l 99
36) 1,2-Dichloroethane	6.19	62	400161	152.752	ug/l 100
37) Trichloroethene	7.20	130	301555	144.305	ug/l 98
38) Methylcyclohexane	7.46	83	472596	156.208	ug/l 98
39) 1,2-Dichloropropane	7.51	63	280147	153.437	ug/l 98
40) Dibromomethane	7.65	93	195177	148.658	ug/l 98

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	397292	161.726	ug/l	99
42) Vinyl Acetate	3.81	43	3710471	840.650	ug/l	99
43) Ethyl Acetate	4.83	43	405251	161.115	ug/l	97
44) Isopropyl Acetate	6.44	43	674178	163.024	ug/l	99
45) 1,4-Dioxane	7.73	88	169058	3243.458	ug/l	97
46) Methyl methacrylate	7.76	41	333639	167.212	ug/l	92
47) n-amyl Acetate	10.89	43	599083	165.160	ug/l	98
48) t-1,3-Dichloropropene	9.04	75	460600	176.827	ug/l	95
49) cis-1,3-Dichloropropene	8.43	75	491707	172.590	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	292931	151.405	ug/l	99
51) Ethyl methacrylate	9.17	69	496824	165.230	ug/l	98
52) 1,3-Dichloropropane	9.37	76	491600	156.191	ug/l	100
53) Dibromochloromethane	9.58	129	324337	155.562	ug/l	99
54) 1,2-Dibromoethane	9.67	107	309373	146.887	ug/l	97
55) 2-Chloroethyl vinyl ether	8.31	63	1053390	818.214	ug/l	99
56) Bromoform	10.86	173	239036	155.368	ug/l	98
58) 4-Methyl-2-Pentanone	8.64	43	2086749	778.442	ug/l	99
59) 2-Hexanone	9.49	43	1620458	785.429	ug/l	100
61) Tetrachloroethene	9.33	164	263994	128.081	ug/l	97
62) Toluene	8.78	91	1212422	145.477	ug/l	100
64) Chlorobenzene	10.14	112	779904	146.210	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	294264	150.846	ug/l	98
66) Ethyl Benzene	10.25	91	1418415	151.238	ug/l	100
67) m/p-Xylenes	10.36	106	1067138	298.752	ug/l	98
68) o-Xylene	10.70	106	522591	149.103	ug/l	99
69) Styrene	10.71	104	928286	156.969	ug/l	99
70) Isopropylbenzene	11.01	105	1391282	149.005	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	447879	148.216	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	534281	213.116	ug/l	80
73) Bromobenzene	11.25	156	328395	133.837	ug/l	98
74) n-propylbenzene	11.35	91	1618169	153.868	ug/l	99
75) 2-Chlorotoluene	11.42	91	959865	153.119	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	1216389	154.185	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	165540	191.826	ug/l	91
78) 4-Chlorotoluene	11.51	91	1143165	158.253	ug/l	100
79) tert-butylbenzene	11.77	119	1163378	152.459	ug/l	98
80) 1,2,4-Trimethylbenzene	11.81	105	1212451	152.418	ug/l	97
81) sec-Butylbenzene	11.94	105	1392569	154.836	ug/l	100
82) p-Isopropyltoluene	12.06	119	1255571	151.420	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	618882	141.455	ug/l	98
84) 1,4-Dichlorobenzene	12.09	146	621056	143.537	ug/l	99
85) n-Butylbenzene	12.39	91	1128734	159.407	ug/l	99
86) Hexachloroethane	12.59	117	233064	172.320	ug/l	94
87) 1,2-Dichlorobenzene	12.39	146	588269	138.680	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	112020	167.749	ug/l	98
89) 1,2,4-Trichlorobenzene	13.64	180	383678	132.591	ug/l	97
90) Hexachlorobutadiene	13.78	225	183459	132.667	ug/l	96
91) Naphthalene	13.83	128	1363997	152.393	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	380870	131.897	ug/l	99

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ClientSampleId :

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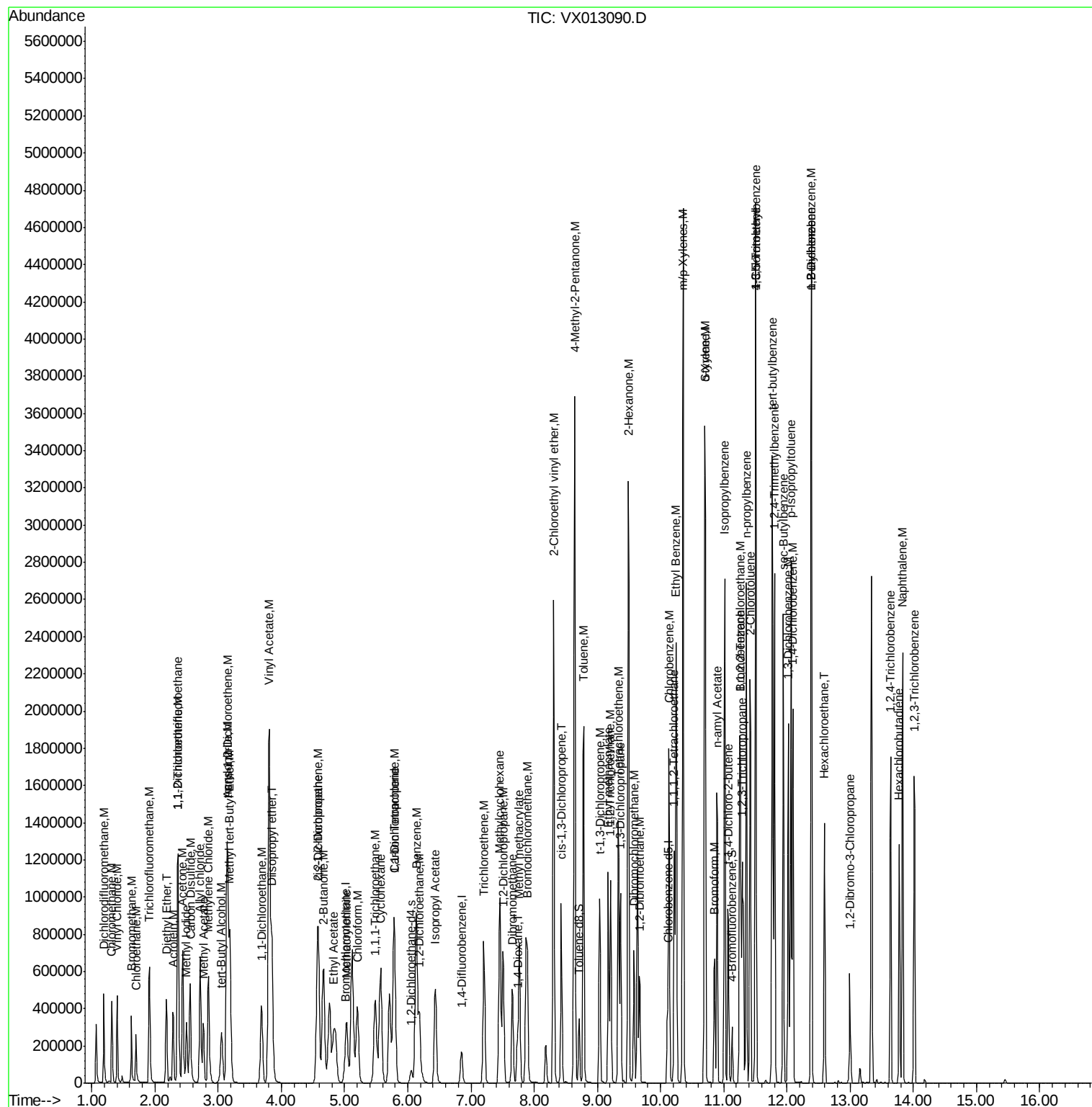
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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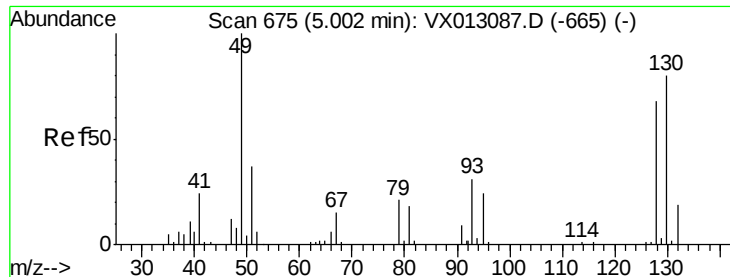
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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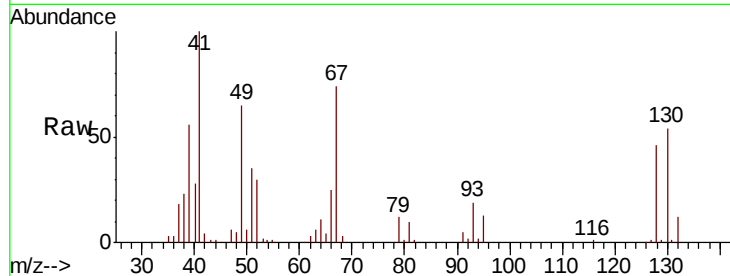


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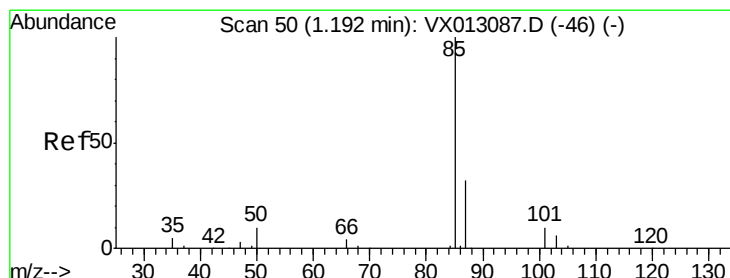
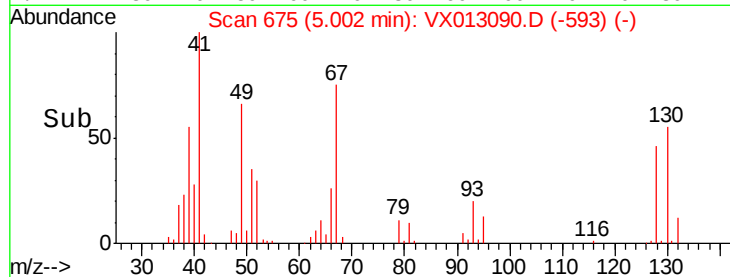
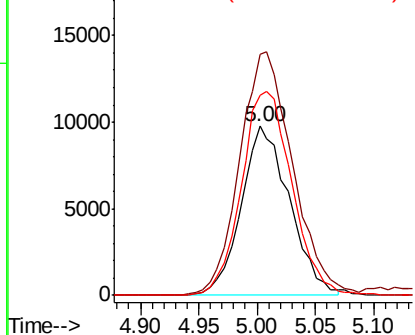
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013090.D
Acq: 16 Oct 2019 12:07

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:128 Resp: 28183
Ion Ratio Lower Upper
128 100
49 157.6 0.0 382.3
130 125.7 0.0 321.8



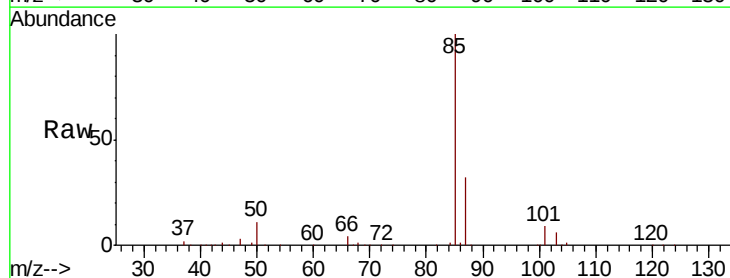
Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VX0
Ion 130.00 (129.70 to 130.70): V



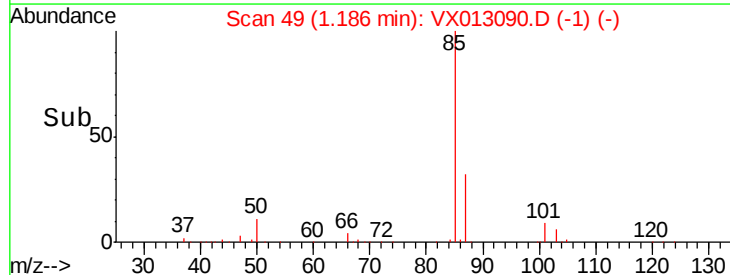
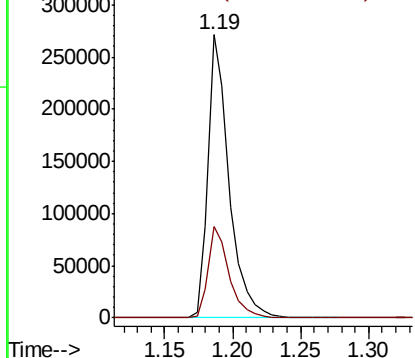
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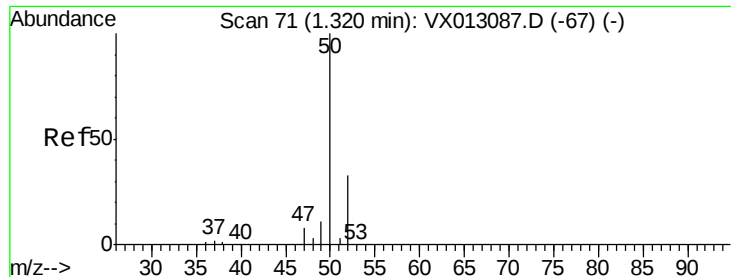
Dichlorodifluoromethane
Concen: 157.650 ug/l
RT: 1.19 min Scan# 49
Delta R.T. -0.01 min
Lab File: VX013090.D
Acq: 16 Oct 2019 12:07

Tgt Ion: 85 Resp: 290662
Ion Ratio Lower Upper
85 100
87 32.3 16.2 48.5



Abundance Ion 85.00 (84.70 to 85.70): VX0
Ion 87.00 (86.70 to 87.70): VX0

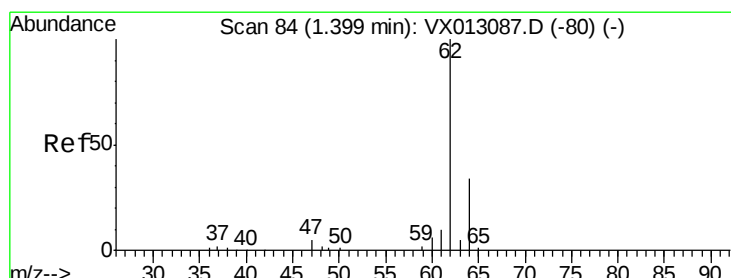
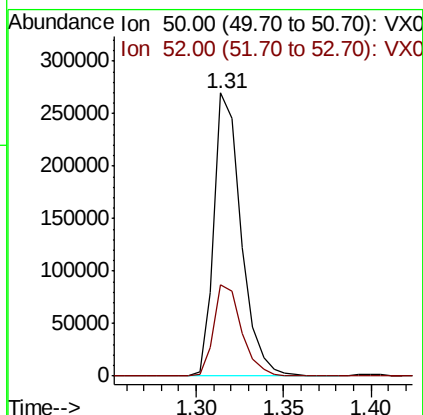
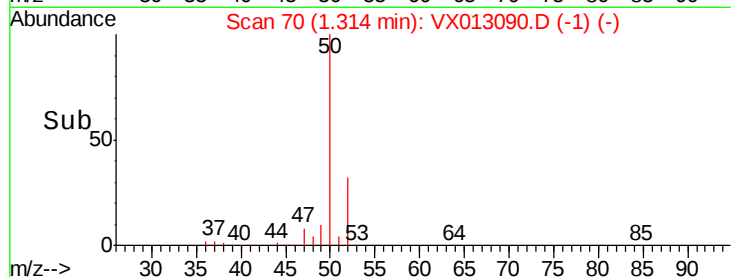
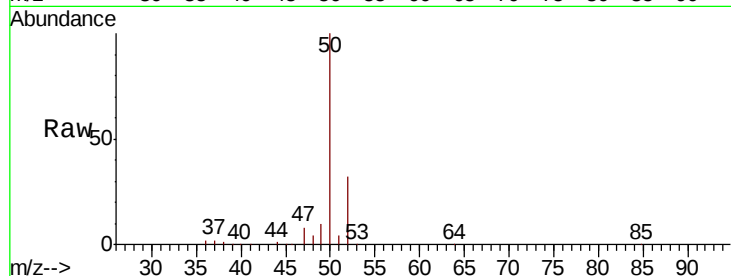




#3
 Chloromethane
 Concen: 177.544 ug/l
 RT: 1.31 min Scan# 70
 Delta R.T. -0.01 min
 Lab File: VX013090.D
 Acq: 16 Oct 2019 12:07

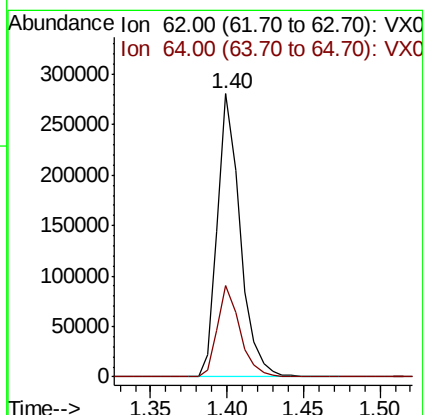
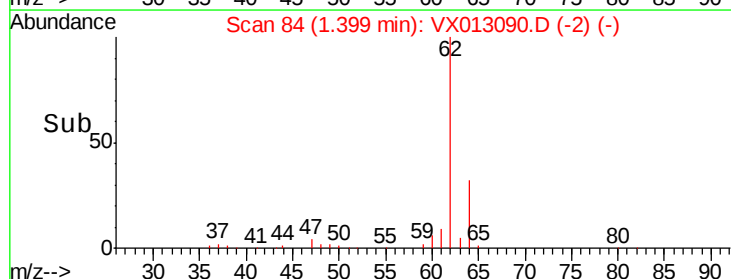
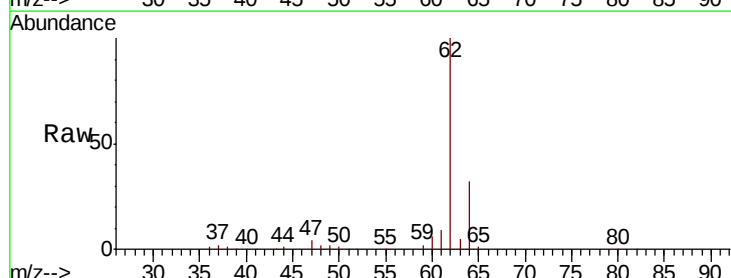
Instrument :
 MSVOA_X
 ClientSampleId :

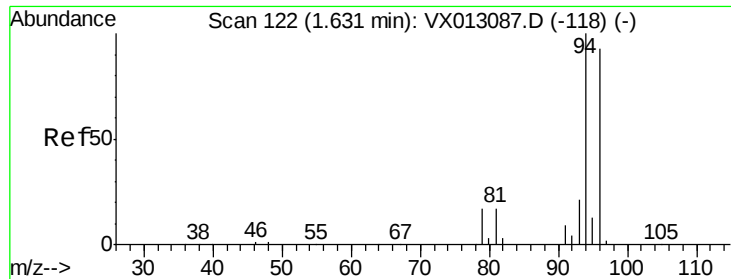
Tot Ion: 50 Resp: 293110
 Ion Ratio Lower Upper
 50 100
 52 32.1 26.0 39.0



#4
 Vinyl Chloride
 Concen: 170.868 ug/l
 RT: 1.40 min Scan# 84
 Delta R.T. -0.00 min
 Lab File: VX013090.D
 Acq: 16 Oct 2019 12:07

Tgt Ion: 62 Resp: 290979
 Ion Ratio Lower Upper
 62 100
 64 32.1 27.4 41.0





#5

Bromomethane

Concen: 135.841 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX013090.D

Acq: 16 Oct 2019 12:07

Instrument :

MSVOA_X

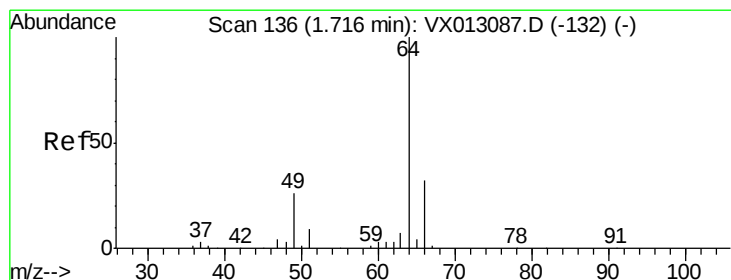
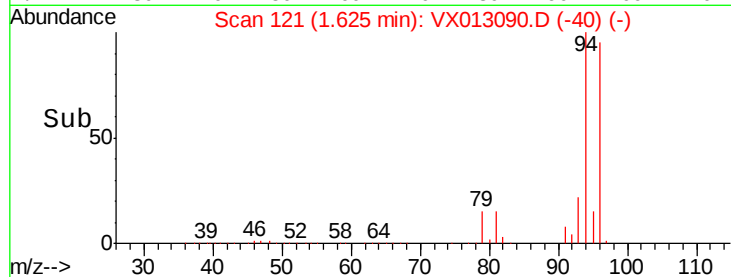
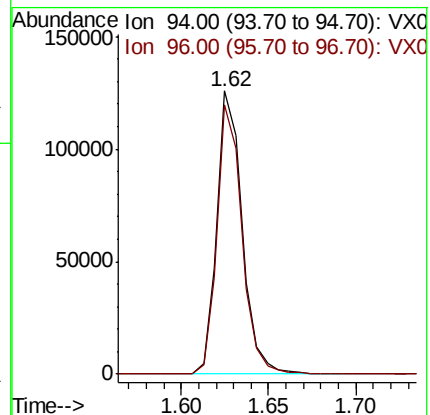
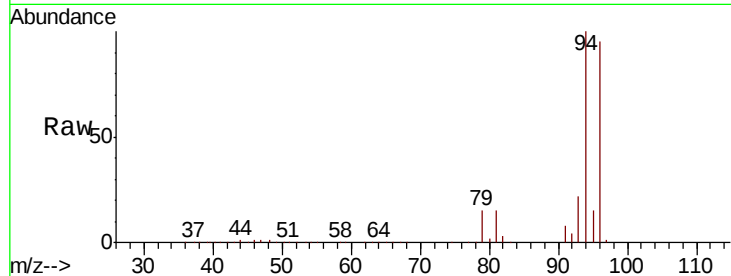
ClientSampled :

Tot Ion: 94 Resp: 125633

Ion Ratio Lower Upper

94 100

96 95.0 74.2 111.4



#6

Chloroethane

Concen: 155.858 ug/l

RT: 1.70 min Scan# 133

Delta R.T. -0.02 min

Lab File: VX013090.D

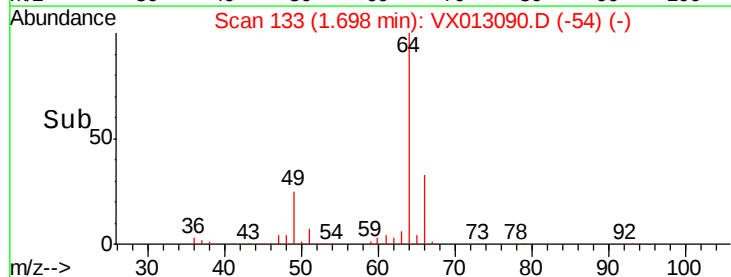
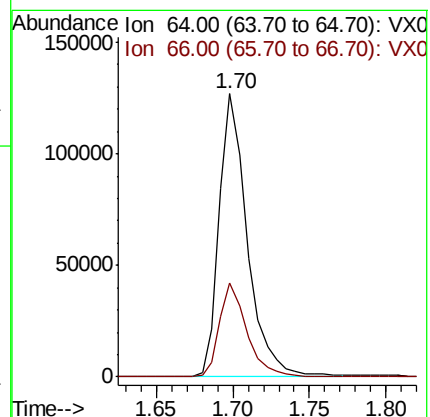
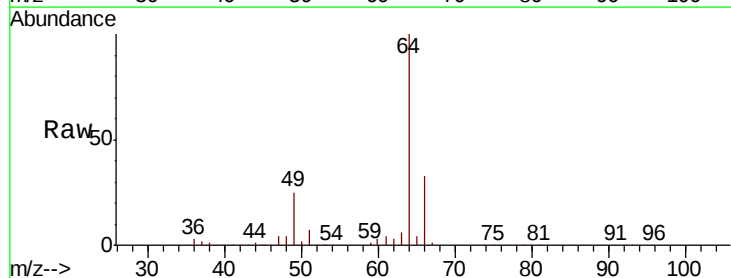
Acq: 16 Oct 2019 12:07

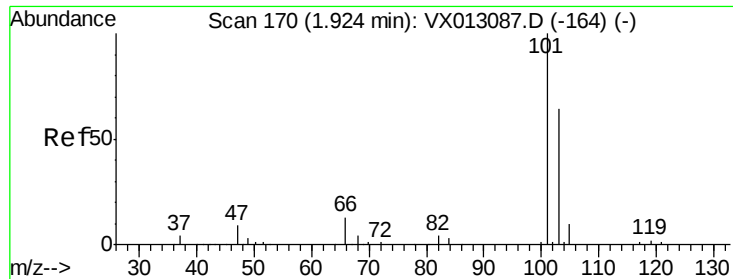
Tgt Ion: 64 Resp: 161508

Ion Ratio Lower Upper

64 100

66 33.3 25.6 38.4



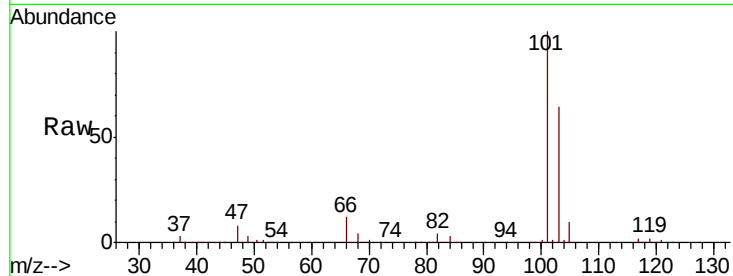


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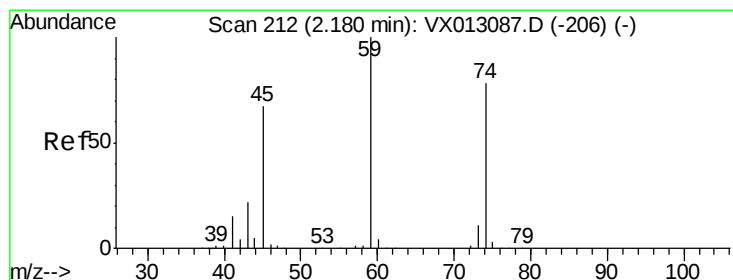
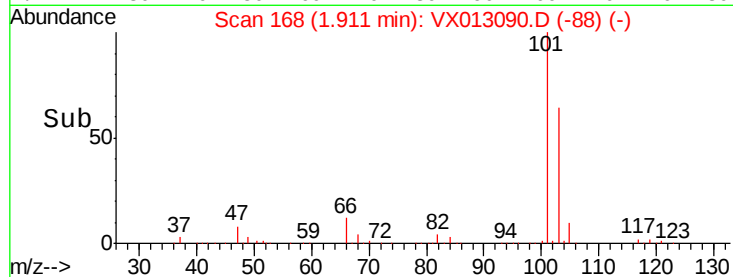
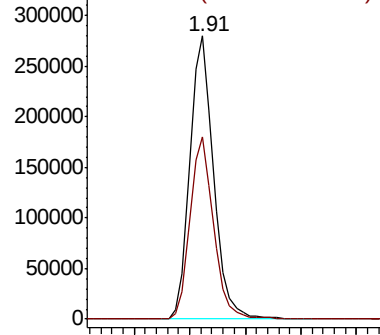
Trichlorofluoromethane
Concen: 147.998 ug/l
RT: 1.91 min Scan# 168
Delta R.T. -0.01 min
Lab File: VX013090.D
Acq: 16 Oct 2019 12:07

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:101 Resp: 412010
Ion Ratio Lower Upper
101 100
103 64.4 50.9 76.3



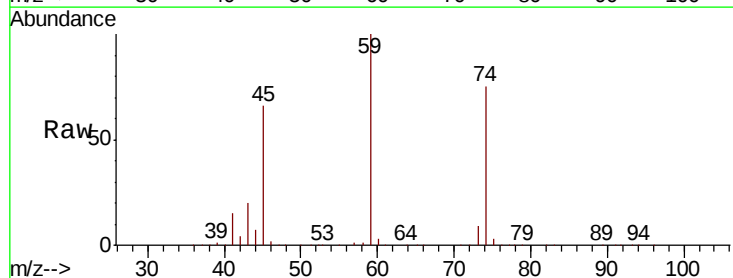
Abundance Ion 101.00 (100.70 to 101.70): V
Ion 103.00 (102.70 to 103.70): V



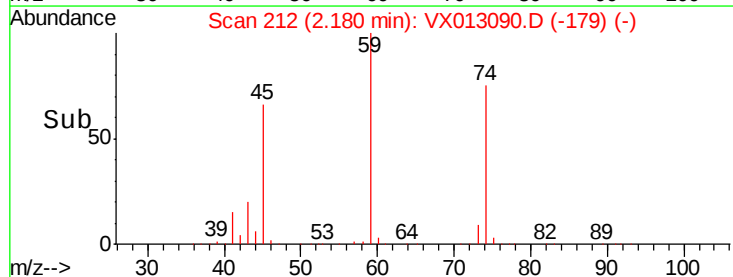
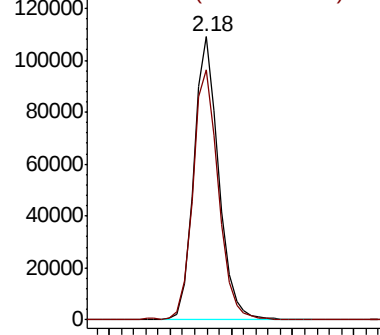
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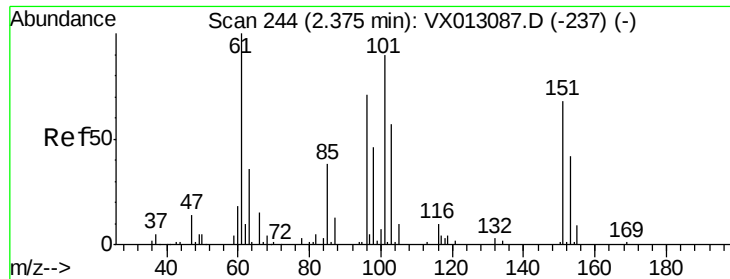
Diethyl Ether
Concen: 162.617 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013090.D
Acq: 16 Oct 2019 12:07

Tgt Ion: 74 Resp: 152906
Ion Ratio Lower Upper
74 100
45 90.9 18.2 163.4



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 162.737 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.01 min

Lab File: VX013090.D

Acq: 16 Oct 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

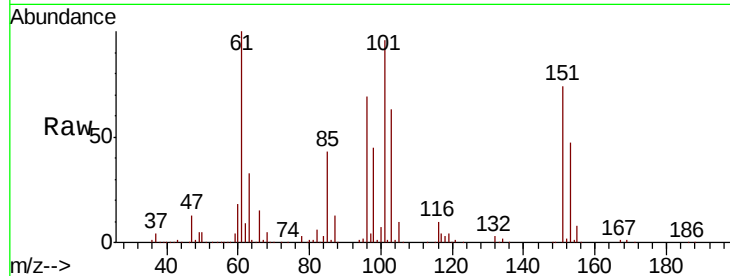
Tot Ion:101 Resp: 256187

Ion Ratio Lower Upper

101 100

85 43.0 0.0 85.2

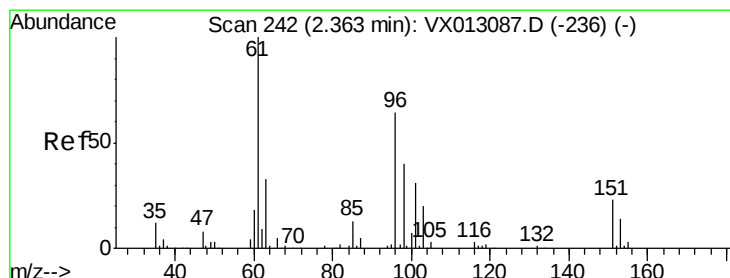
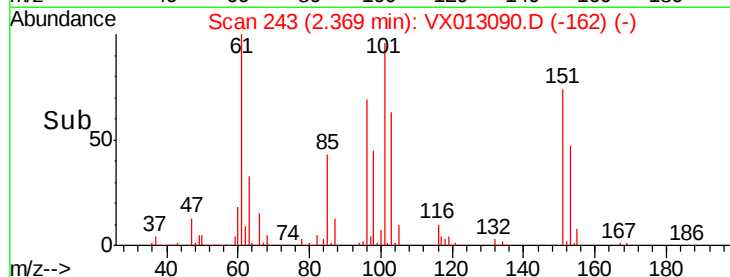
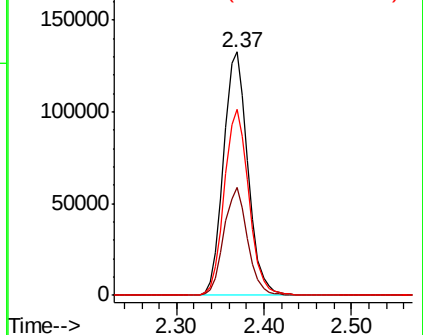
151 77.1 0.0 157.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 163.654 ug/l

RT: 2.36 min Scan# 241

Delta R.T. -0.01 min

Lab File: VX013090.D

Acq: 16 Oct 2019 12:07

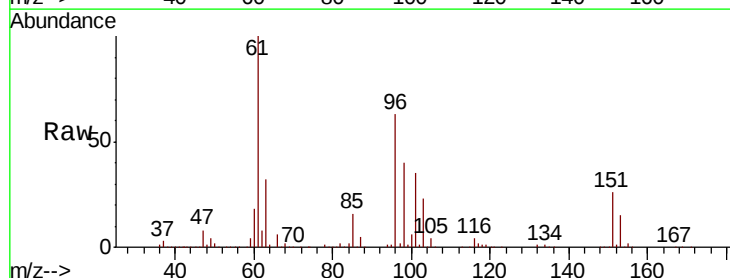
Tgt Ion: 96 Resp: 258228

Ion Ratio Lower Upper

96 100

61 158.7 124.2 186.2

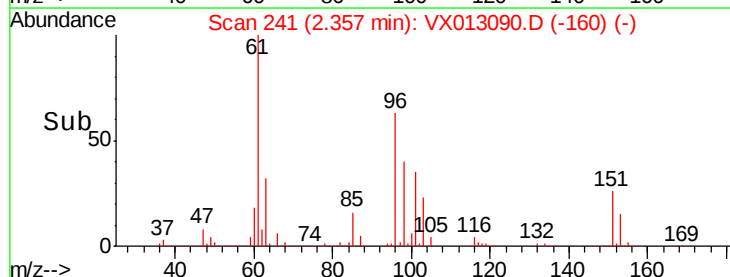
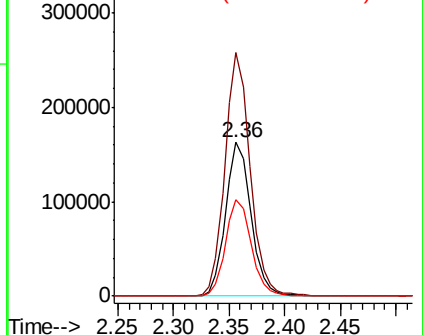
98 62.8 50.2 75.2

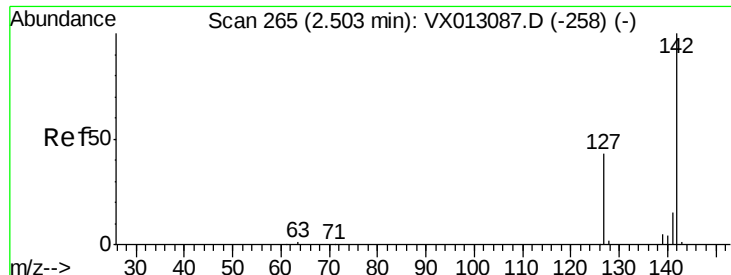


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

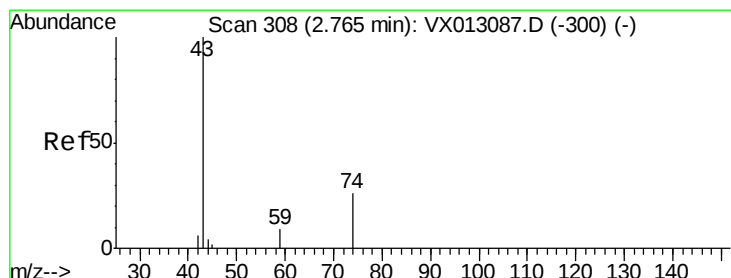
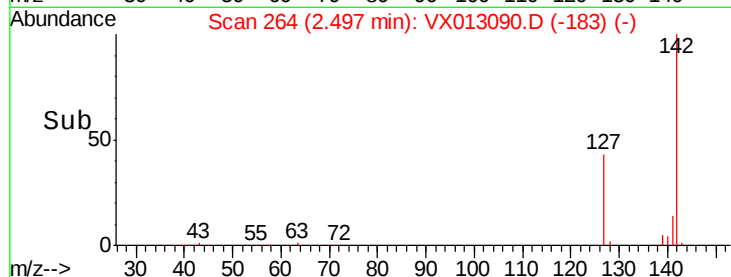
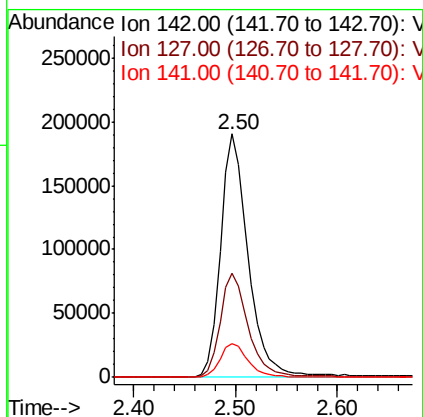
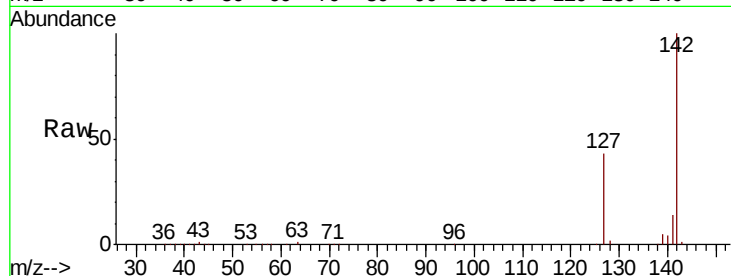




#11
Methvl Iodide
Concen: 172.391 ug/l
RT: 2.50 min Scan# 264
Delta R.T. -0.01 min
Lab File: VX013090.D
Acq: 16 Oct 2019 12:07

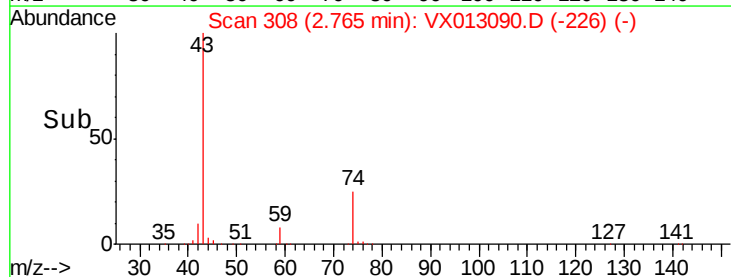
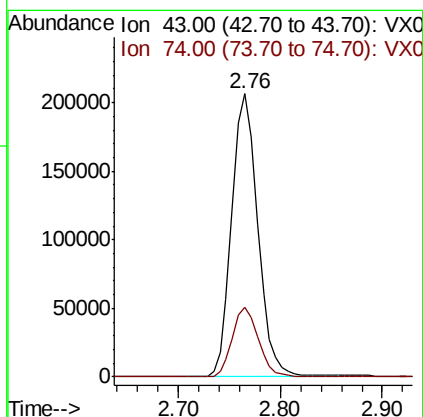
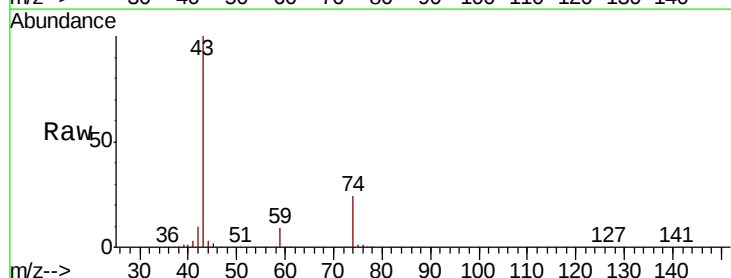
Instrument :
MSVOA_X
ClientSampled :

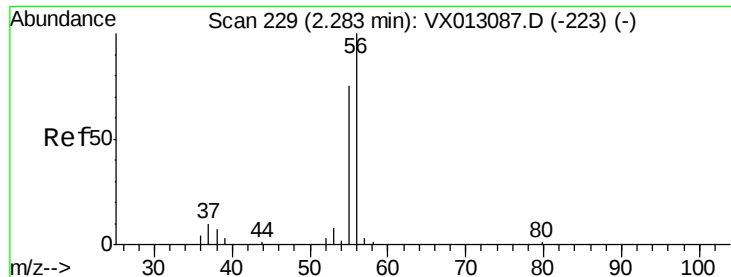
Tot Ion:142 Resp: 360092
Ion Ratio Lower Upper
142 100
127 43.0 21.4 64.2
141 14.0 7.3 21.9



#12
Methyl Acetate
Concen: 166.012 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX013090.D
Acq: 16 Oct 2019 12:07

Tgt Ion: 43 Resp: 366145
Ion Ratio Lower Upper
43 100
74 24.3 20.9 31.3





#13

Acrolein

Concen: 1012.292 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013090.D

Acq: 16 Oct 2019 12:07

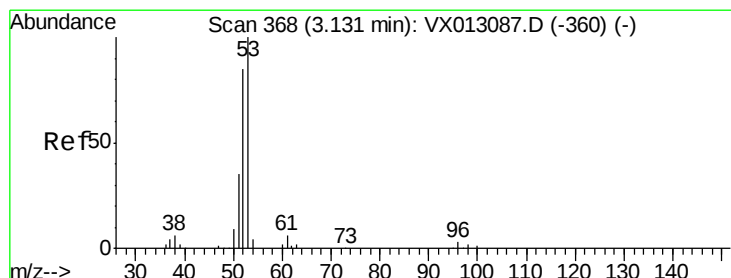
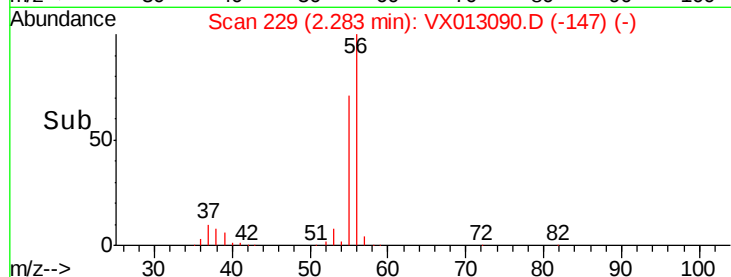
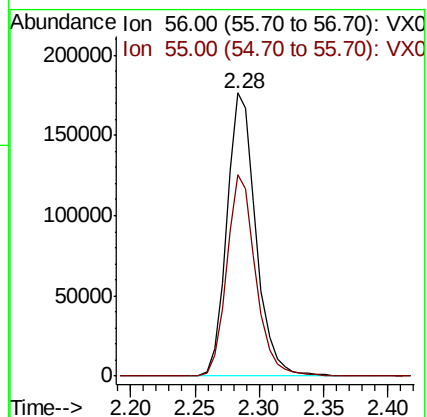
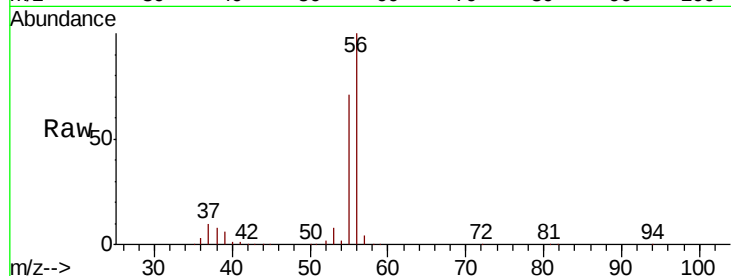
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 277586

Ion Ratio Lower Upper

56 100

55 71.4 57.8 86.8



#14

Acrylonitrile

Concen: 874.110 ug/l

RT: 3.14 min Scan# 369

Delta R.T. 0.01 min

Lab File: VX013090.D

Acq: 16 Oct 2019 12:07

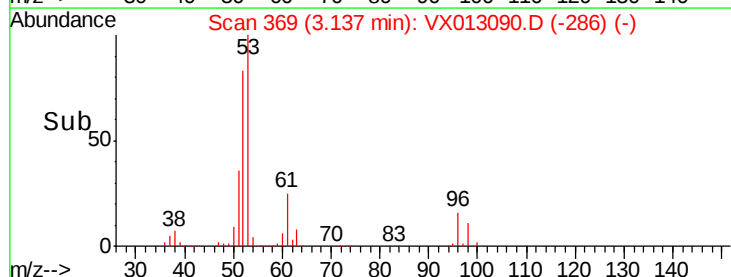
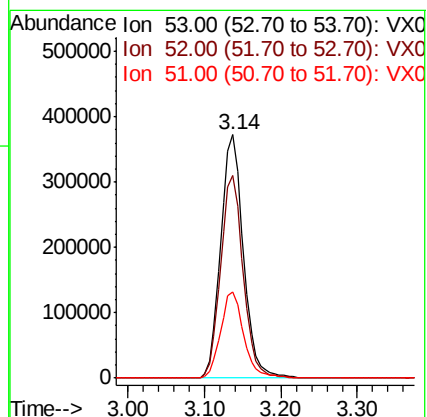
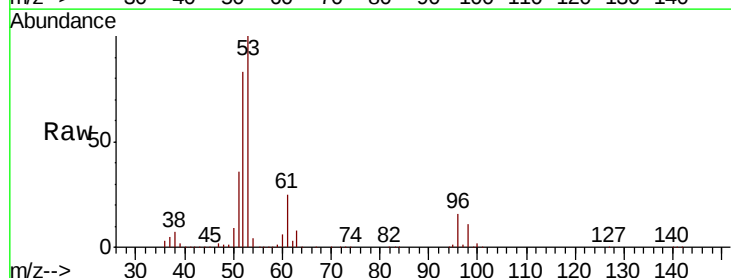
Tgt Ion: 53 Resp: 766749

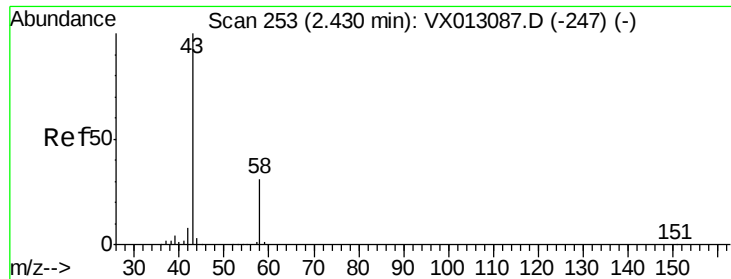
Ion Ratio Lower Upper

53 100

52 82.4 41.4 124.2

51 36.0 18.1 54.4





#15

Acetone

Concen: 935.251 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX013090.D

Acq: 16 Oct 2019 12:07

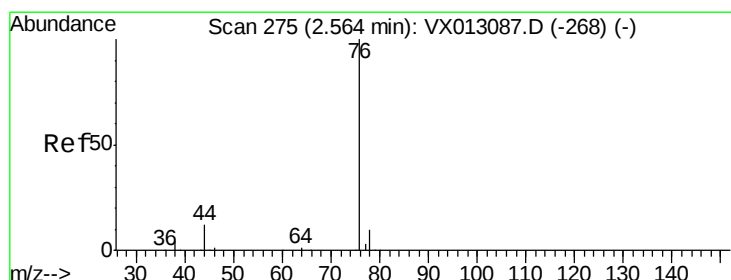
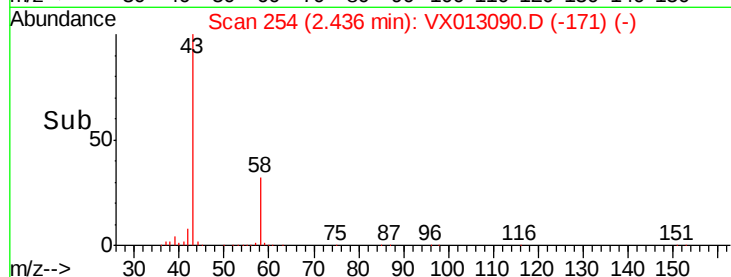
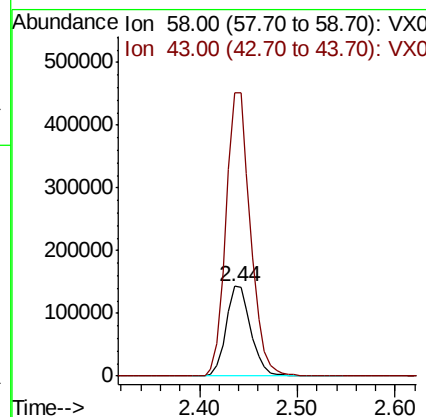
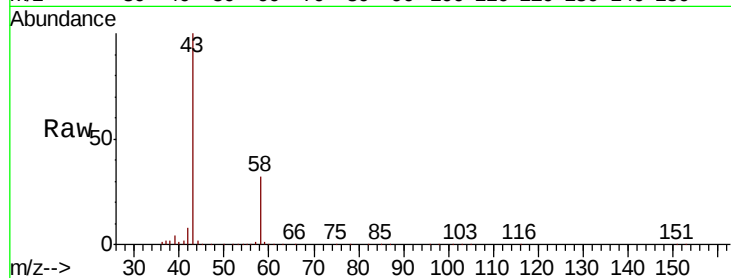
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 58 Resp: 251342

Ion Ratio Lower Upper

58 100

43 314.3 259.5 389.3



#16

Carbon Disulfide

Concen: 175.639 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX013090.D

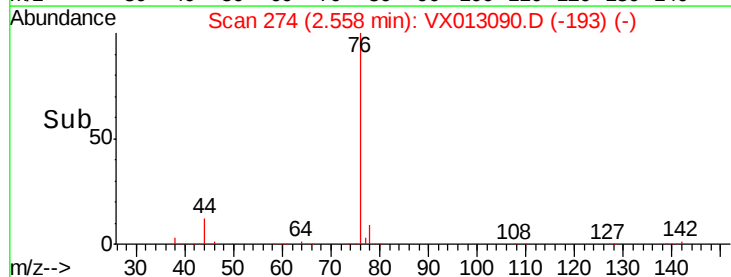
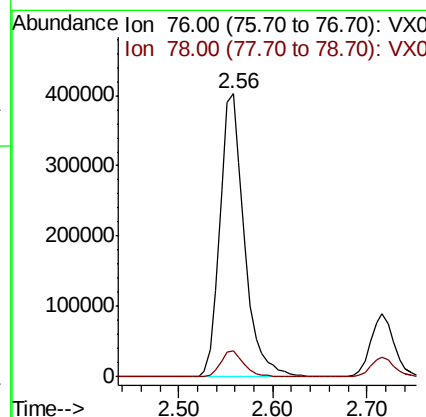
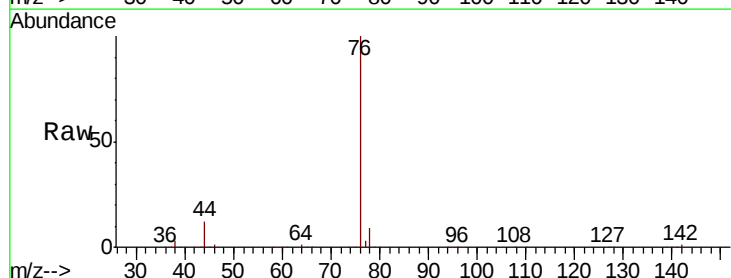
Acq: 16 Oct 2019 12:07

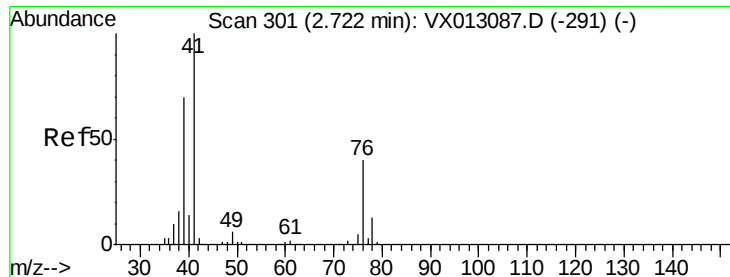
Tgt Ion: 76 Resp: 722226

Ion Ratio Lower Upper

76 100

78 9.2 7.8 11.6

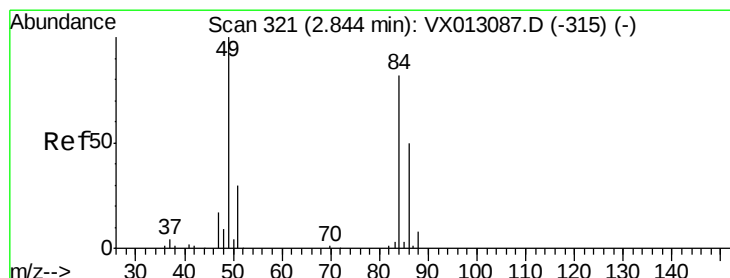
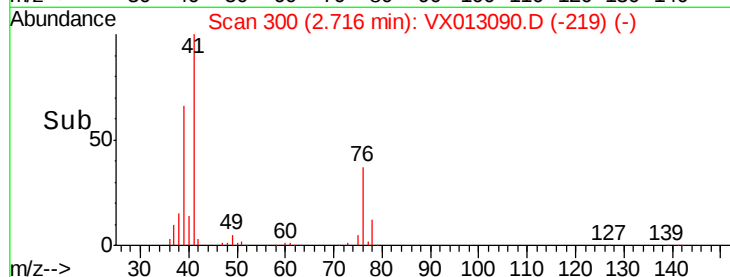
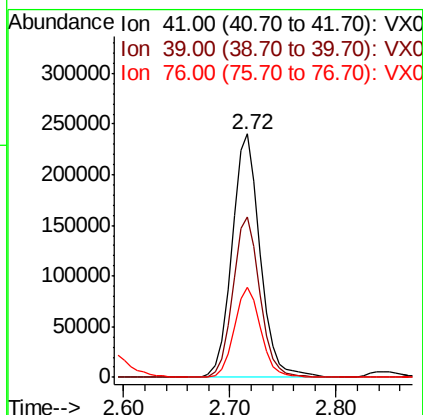
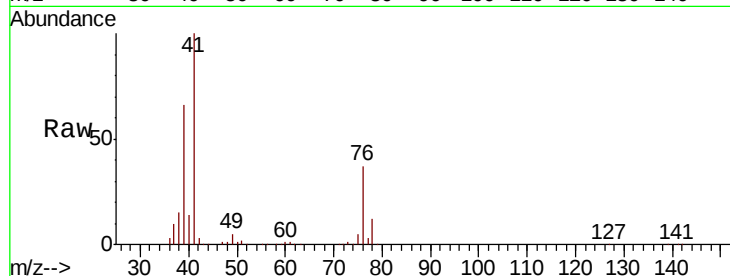




#17
Allvl chloride
Concen: 186.834 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.01 min
Lab File: VX013090.D
Acq: 16 Oct 2019 12:07

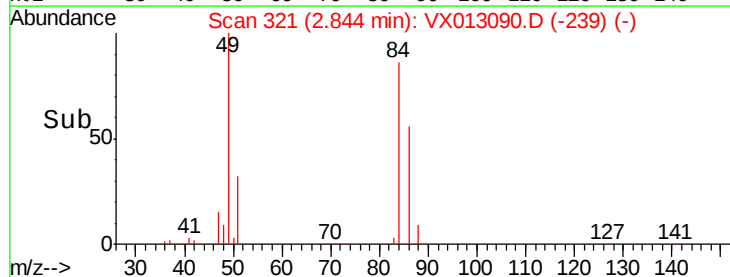
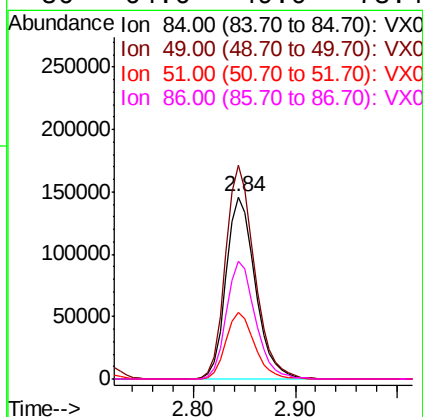
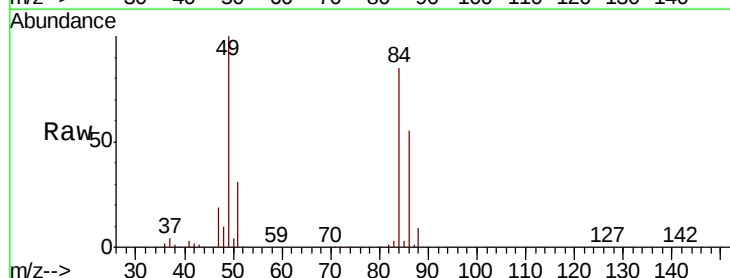
Instrument :
MSVOA_X
ClientSampleId :

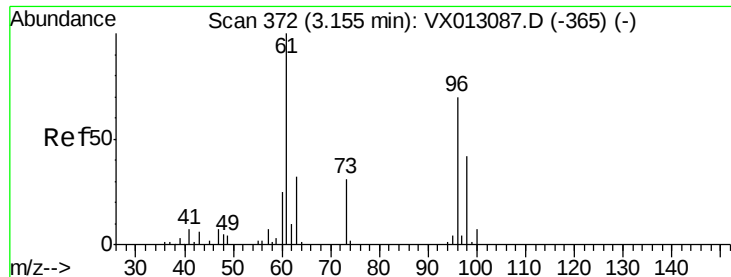
Tot Ion: 41 Resp: 444539
Ion Ratio Lower Upper
41 100
39 65.7 34.8 104.5
76 37.1 20.2 60.5



#18
Methylene Chloride
Concen: 163.534 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013090.D
Acq: 16 Oct 2019 12:07

Tgt Ion: 84 Resp: 289816
Ion Ratio Lower Upper
84 100
49 117.2 97.8 146.6
51 36.5 29.2 43.8
86 64.6 49.0 73.4

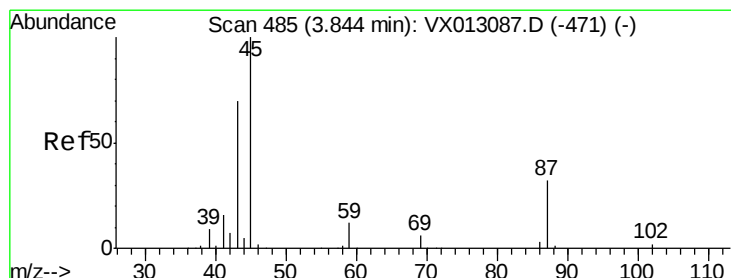
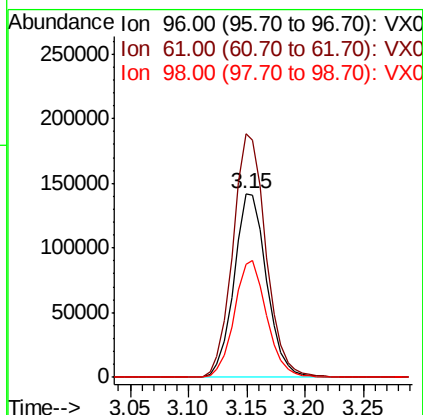
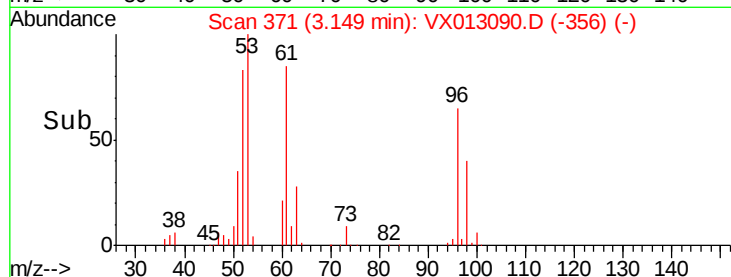
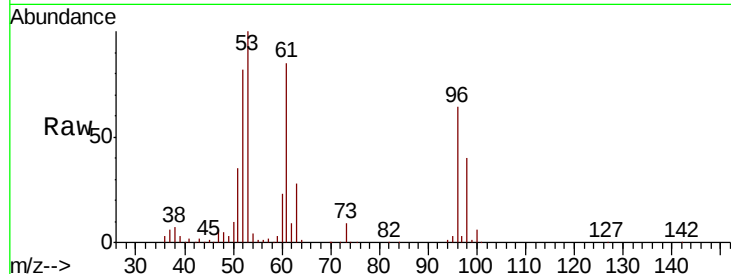




#19
trans-1,2-Dichloroethene
Concen: 166.336 ug/l
RT: 3.15 min Scan# 371
Delta R.T. -0.01 min
Lab File: VX013090.D
Acq: 16 Oct 2019 12:07

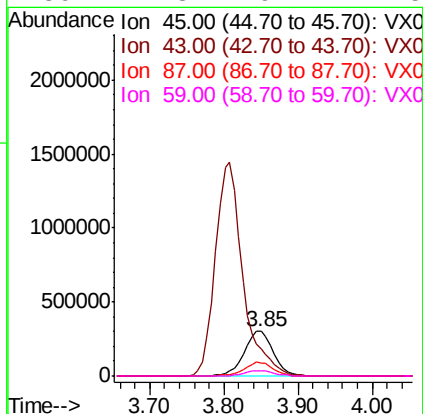
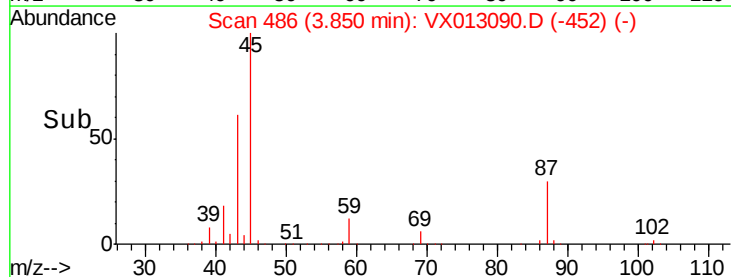
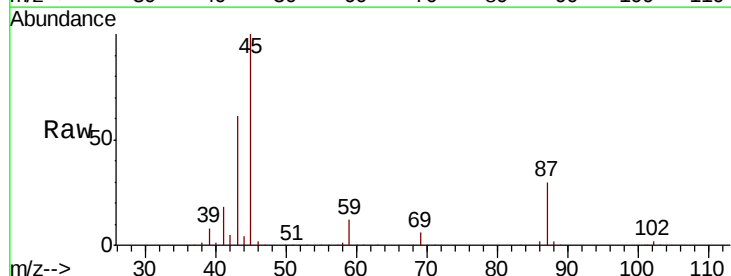
Instrument :
MSVOA_X
ClientSampleId :

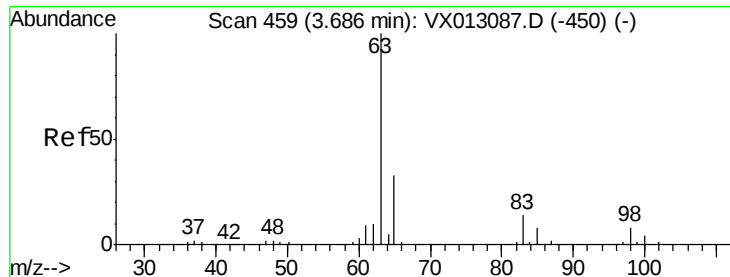
Tot Ion: 96 Resp: 278659
Ion Ratio Lower Upper
96 100
61 132.4 113.9 170.9
98 61.6 48.1 72.1



#20
Diisopropyl ether
Concen: 167.049 ug/l
RT: 3.85 min Scan# 486
Delta R.T. 0.01 min
Lab File: VX013090.D
Acq: 16 Oct 2019 12:07

Tgt Ion: 45 Resp: 826080
Ion Ratio Lower Upper
45 100
43 60.1 57.5 86.3
87 30.0 25.3 37.9
59 12.3 9.7 14.5

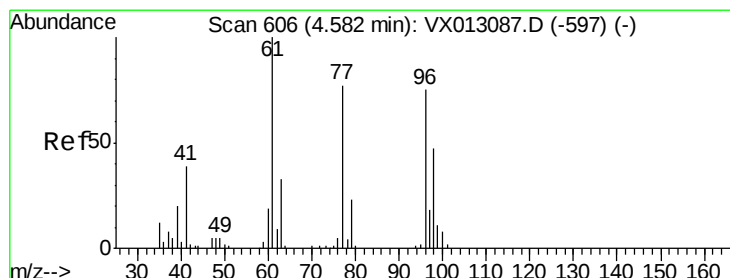
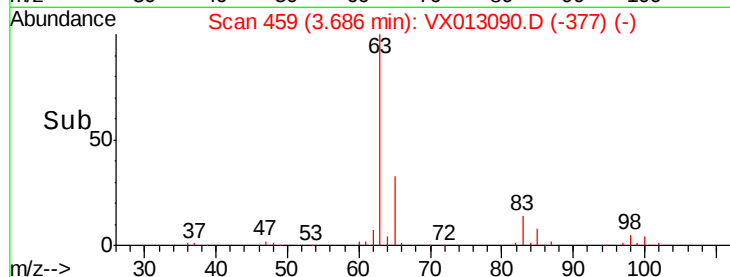
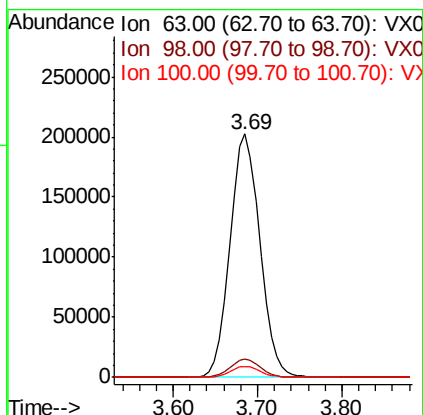
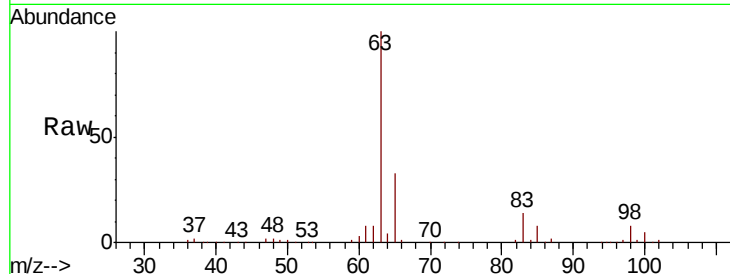




#21
1,1-Dichloroethane
Concen: 171.296 ug/l
RT: 3.69 min Scan# 459
Delta R.T. 0.00 min
Lab File: VX013090.D
Acq: 16 Oct 2019 12:07

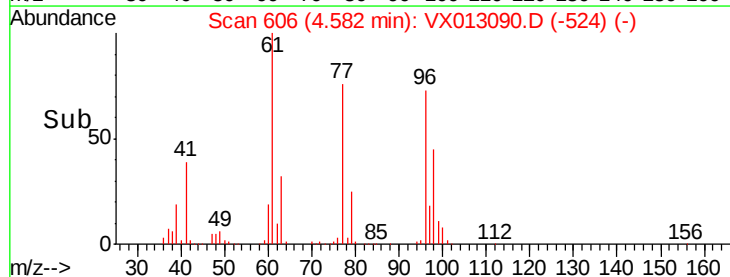
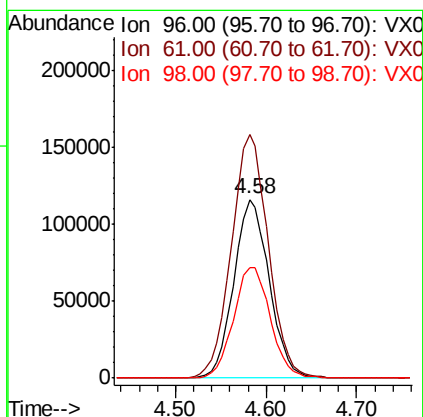
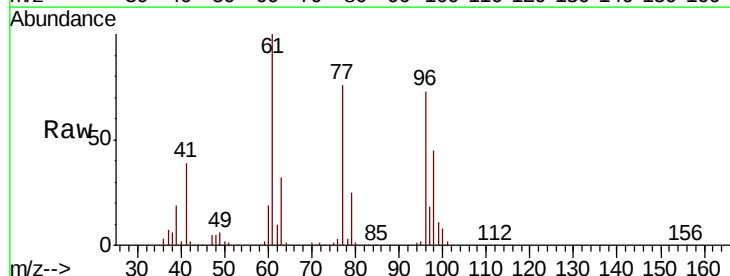
Instrument :
MSVOA_X
ClientSampled :

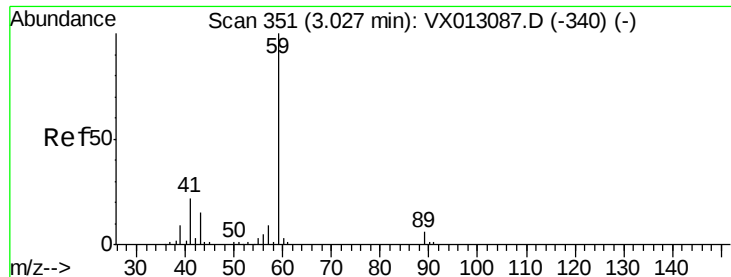
Tot Ion	Ratio	Lower	Upper
63	100		
98	7.5	3.8	11.4
100	4.6	2.1	6.5



#22
cis-1,2-Dichloroethene
Concen: 163.283 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013090.D
Acq: 16 Oct 2019 12:07

Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.0	115.0	172.4
98	64.4	51.5	77.3



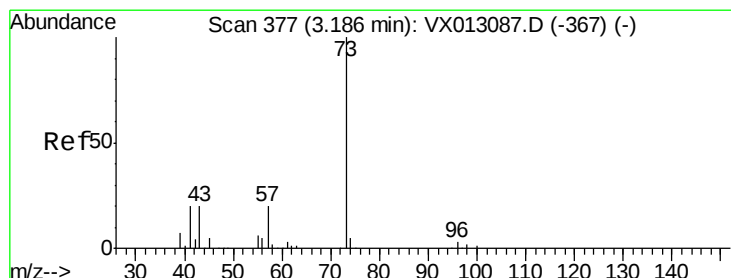
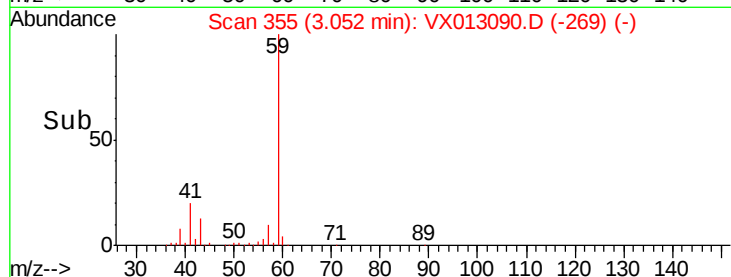
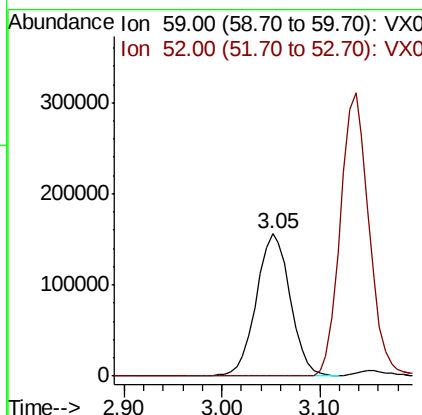
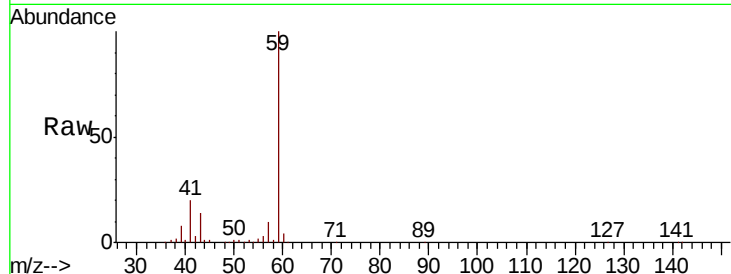


#23

tert-Butyl Alcohol
 Concen: 833.450 ug/l
 RT: 3.05 min Scan# 355
 Delta R.T. 0.02 min
 Lab File: VX013090.D
 Acq: 16 Oct 2019 12:07

Instrument :
 MSVOA_X
 ClientSampleId :

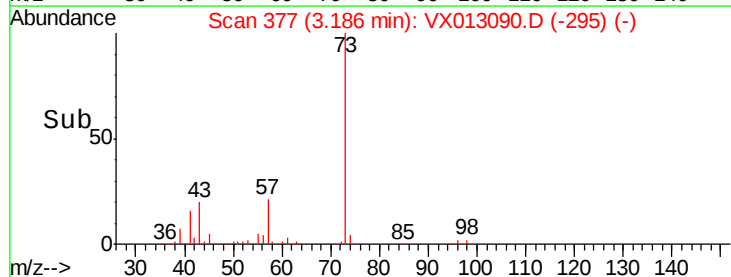
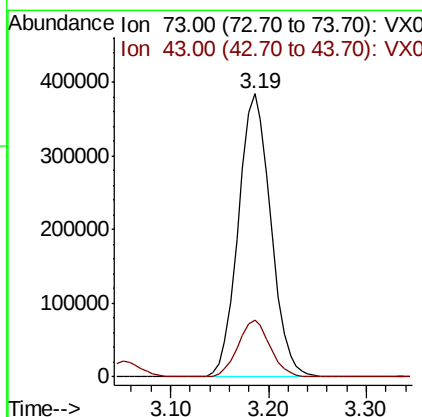
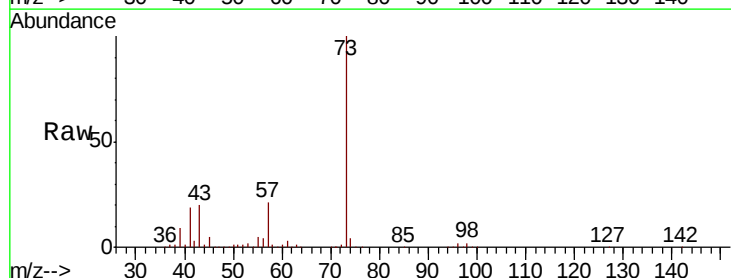
Tot Ion: 59 Resp: 380871
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.1 0.1#

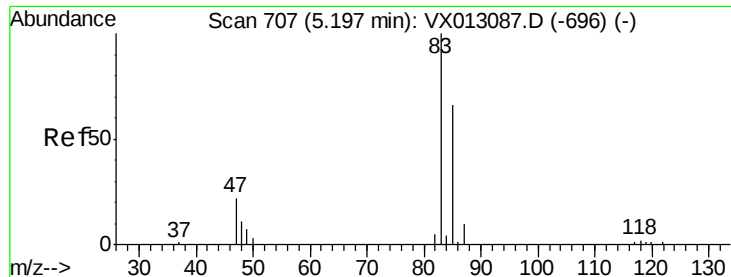


#24

Methyl tert-Butyl Ether
 Concen: 171.363 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. -0.00 min
 Lab File: VX013090.D
 Acq: 16 Oct 2019 12:07

Tgt Ion: 73 Resp: 885838
 Ion Ratio Lower Upper
 73 100
 43 19.9 15.8 23.8

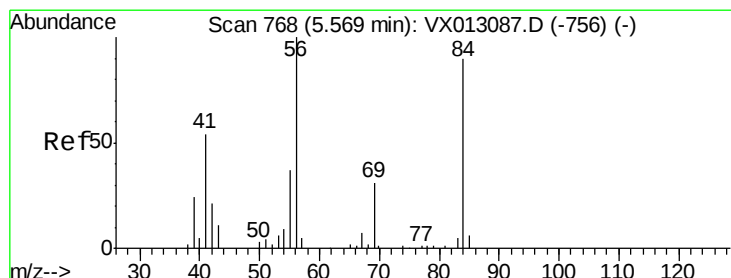
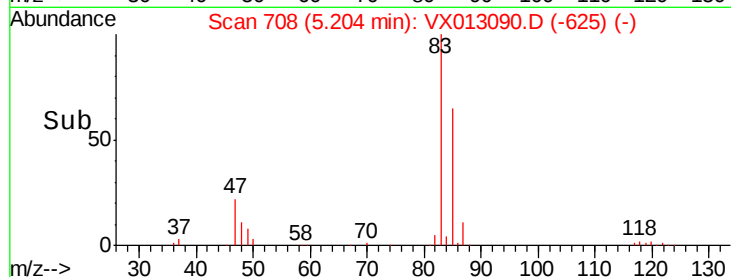
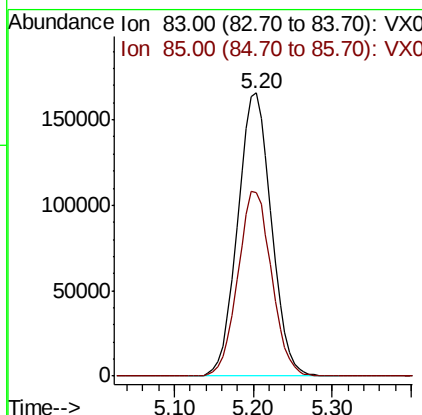
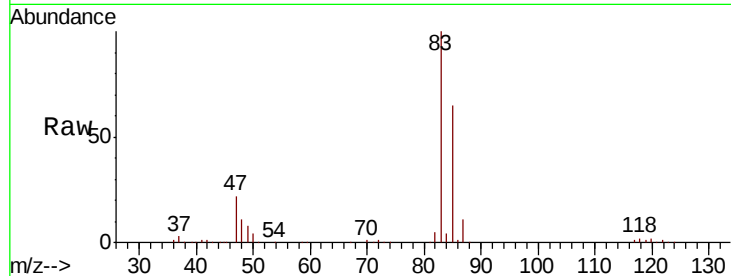




#25
Chloroform
Concen: 160.061 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013090.D
Acq: 16 Oct 2019 12:07

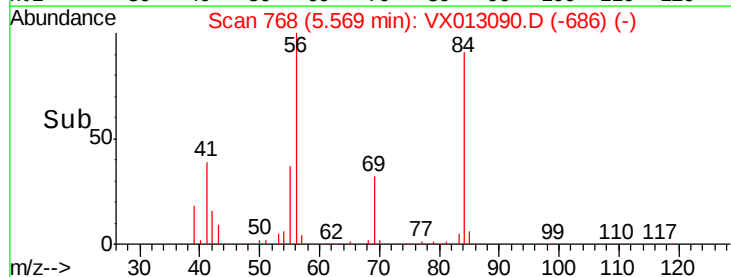
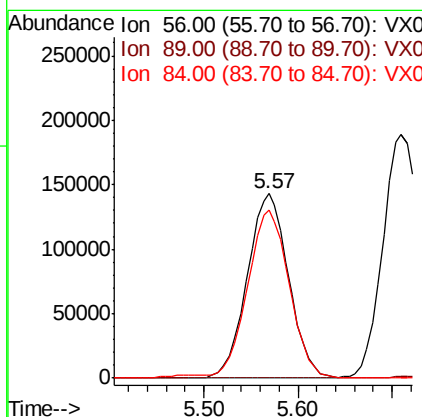
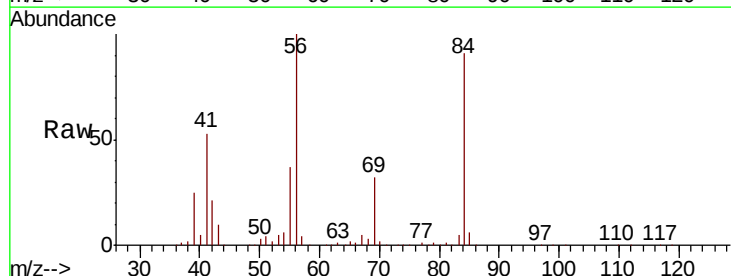
Instrument :
MSVOA_X
ClientSampleId :

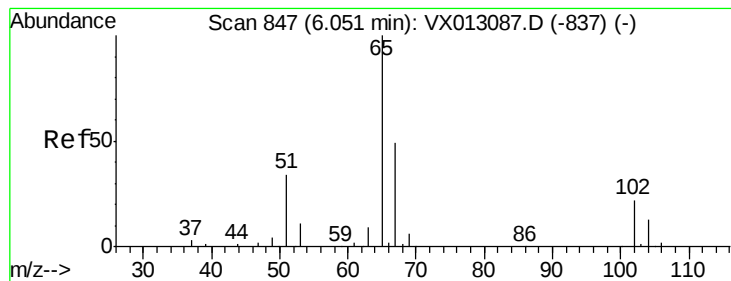
Tot Ion: 83 Resp: 492686
Ion Ratio Lower Upper
83 100
85 64.8 53.0 79.6



#26
Cyclohexane
Concen: 169.511 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013090.D
Acq: 16 Oct 2019 12:07

Tgt Ion: 56 Resp: 437713
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 91.9 71.3 106.9





#27

1,2-Dichloroethane-d4

Concen: 33.976 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013090.D

Acq: 16 Oct 2019 12:07

Instrument :

MSVOA_X

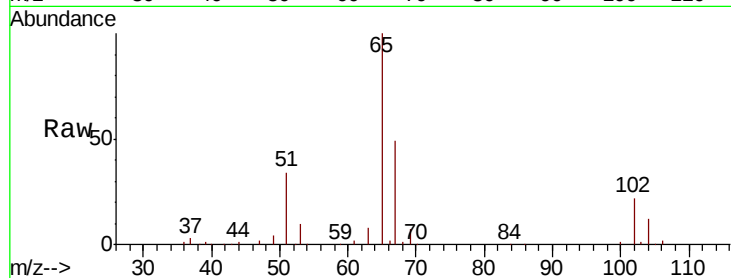
ClientSampled :

Tot Ion: 65 Resp: 66773

Ion Ratio Lower Upper

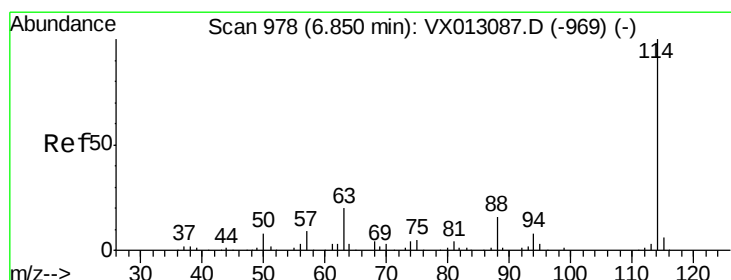
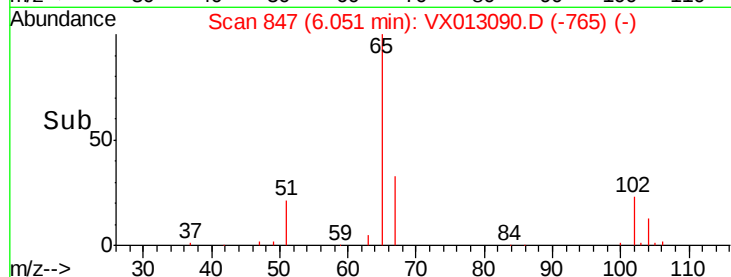
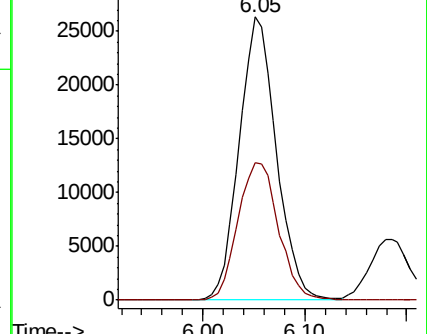
65 100

67 52.7 41.2 61.8



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013090.D

Acq: 16 Oct 2019 12:07

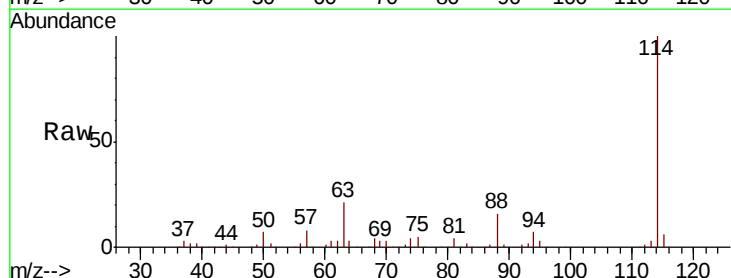
Tgt Ion: 114 Resp: 169804

Ion Ratio Lower Upper

114 100

63 20.4 16.5 24.7

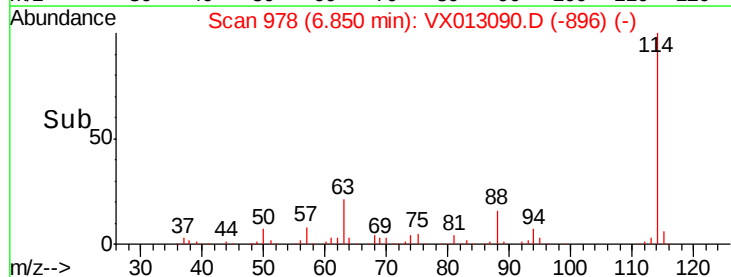
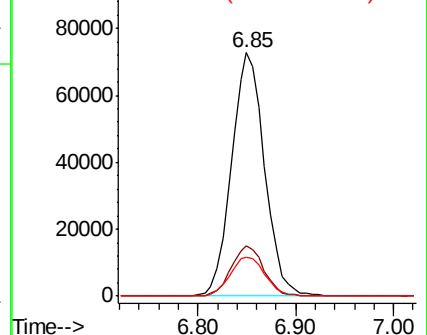
88 16.8 13.6 20.4

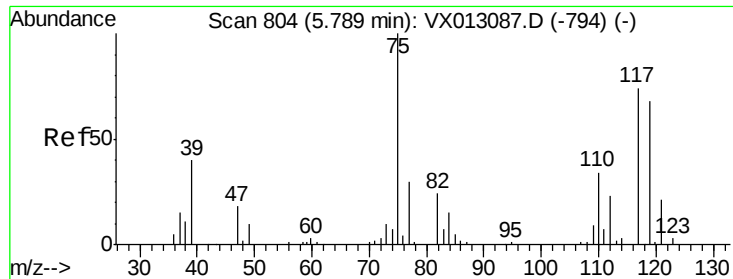


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

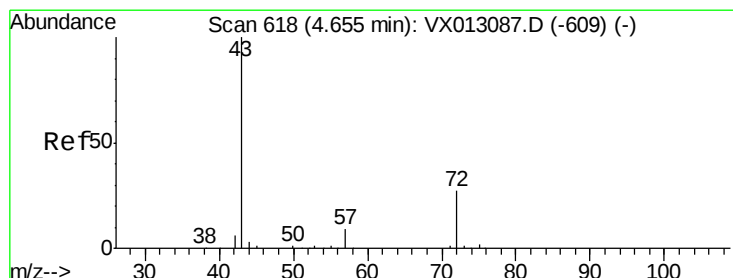
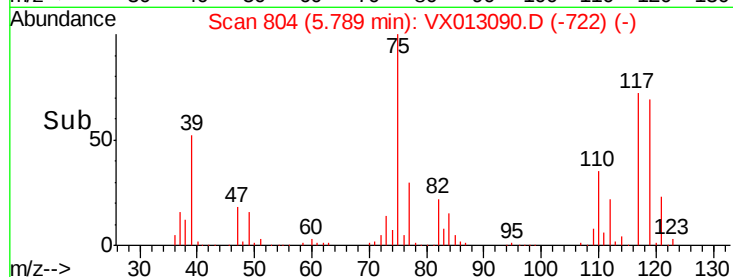
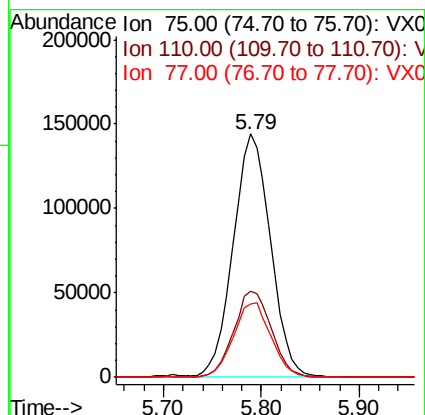
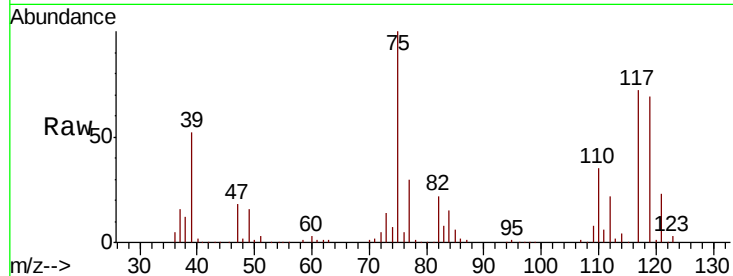




#29
 1,1-Dichloropropene
 Concen: 157.832 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX013090.D
 Acq: 16 Oct 2019 12:07

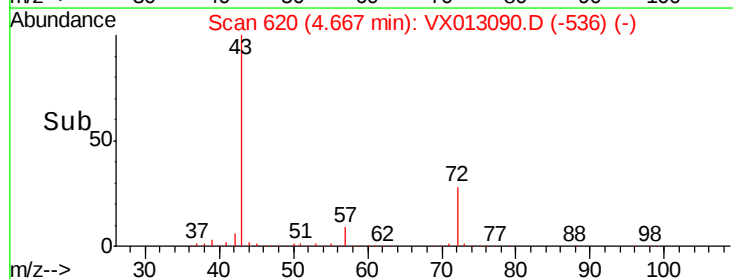
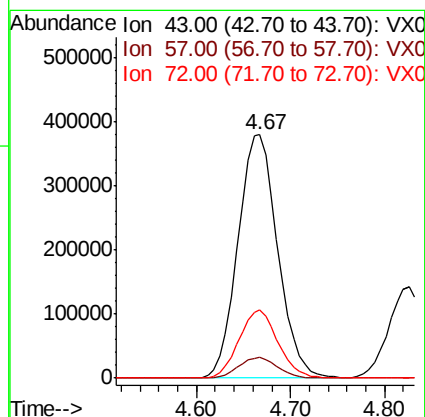
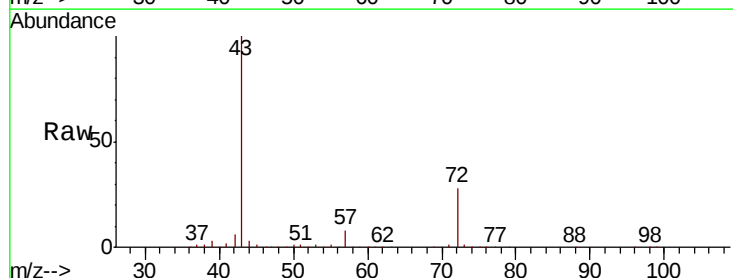
Instrument :
 MSVOA_X
 ClientSampled :

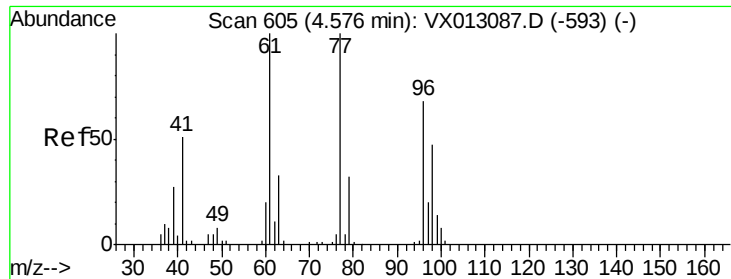
Tot Ion	Ratio	Lower	Upper
75	100		
110	36.0	0.0	72.2
77	31.0	0.0	62.8



#30
 2-Butanone
 Concen: 829.213 ug/l
 RT: 4.67 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: VX013090.D
 Acq: 16 Oct 2019 12:07

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.3	6.9	10.3
72	27.6	22.1	33.1

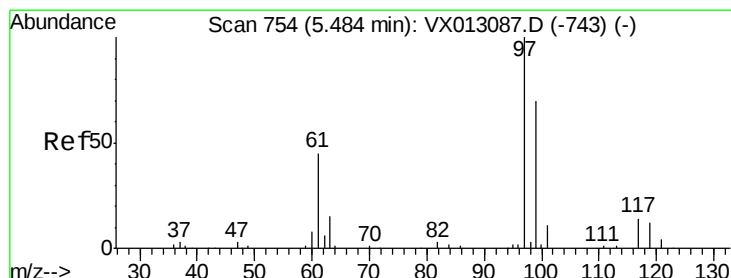
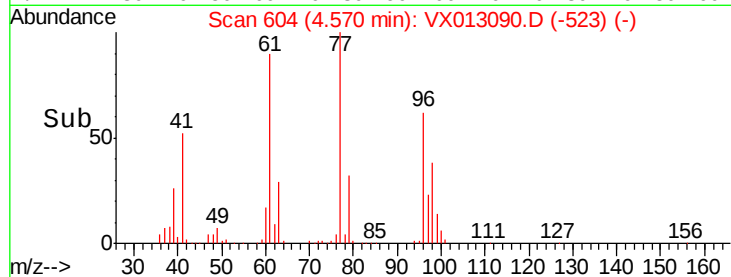
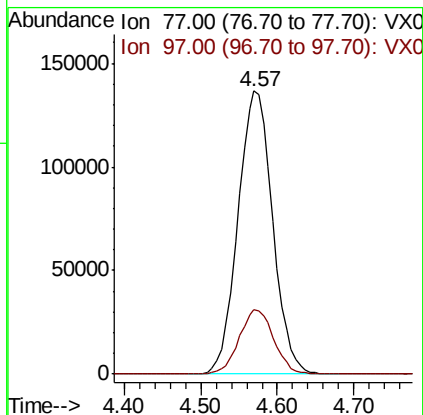
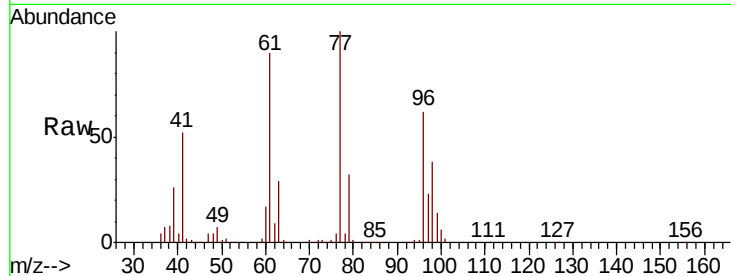




#31
 2,2-Dichloropropane
 Concen: 189.063 ug/l
 RT: 4.57 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: VX013090.D
 Acq: 16 Oct 2019 12:07

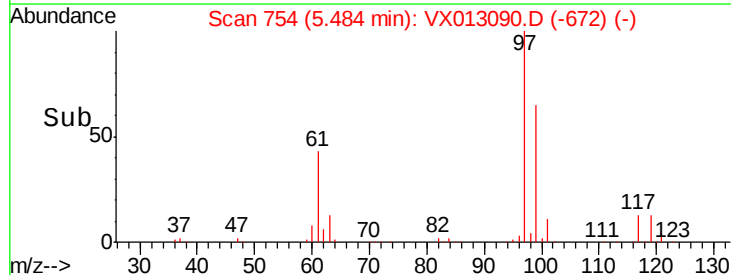
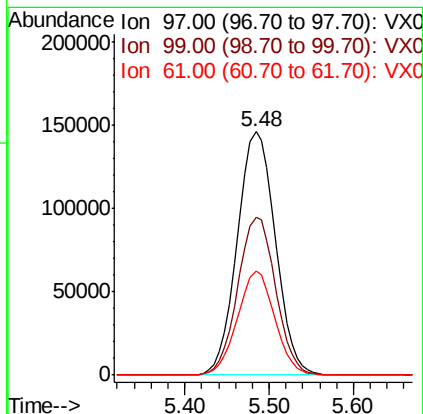
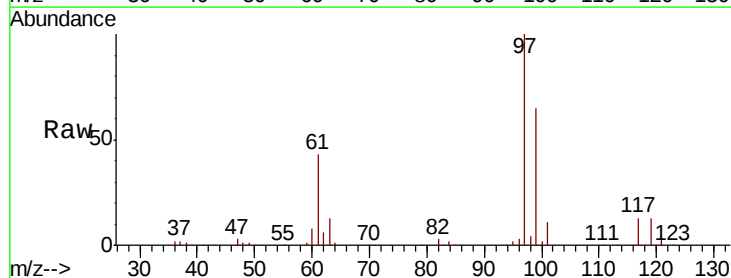
Instrument :
 MSVOA_X
 ClientSampleId :

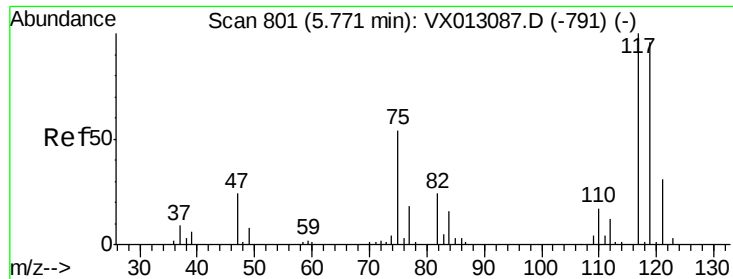
Tot Ion: 77 Resp: 429583
 Ion Ratio Lower Upper
 77 100
 97 22.8 17.8 26.6



#32
 1,1,1-Trichloroethane
 Concen: 153.992 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX013090.D
 Acq: 16 Oct 2019 12:07

Tgt Ion: 97 Resp: 449116
 Ion Ratio Lower Upper
 97 100
 99 64.5 52.4 78.6
 61 41.7 35.1 52.7

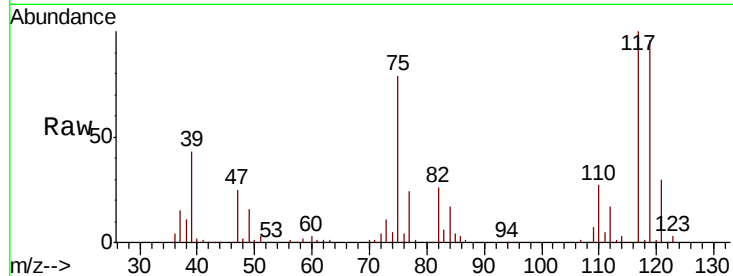




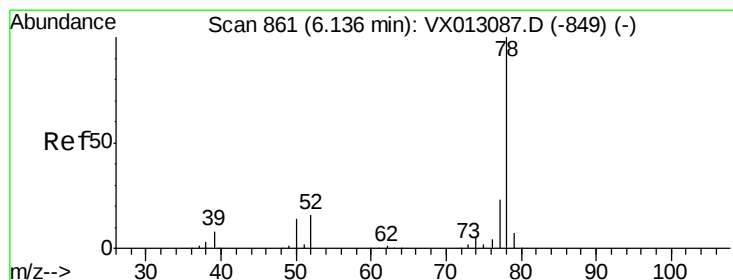
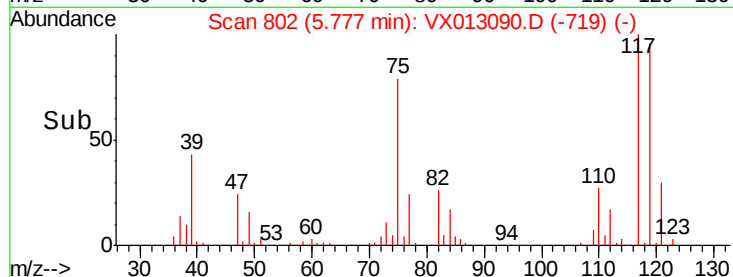
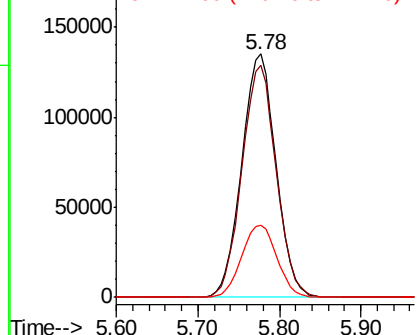
#33
Carbon Tetrachloride
Concen: 154.711 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.01 min
Lab File: VX013090.D
Acq: 16 Oct 2019 12:07

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 393228
Ion Ratio Lower Upper
117 100
119 95.6 77.0 115.4
121 29.5 24.6 36.8

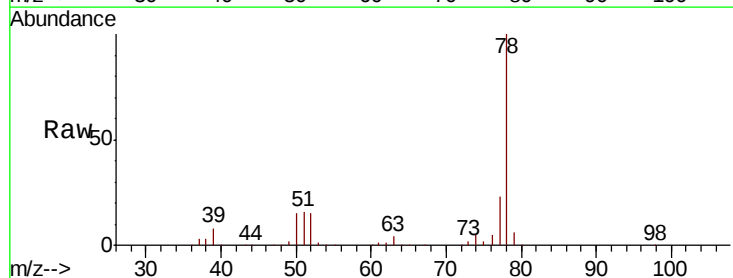


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

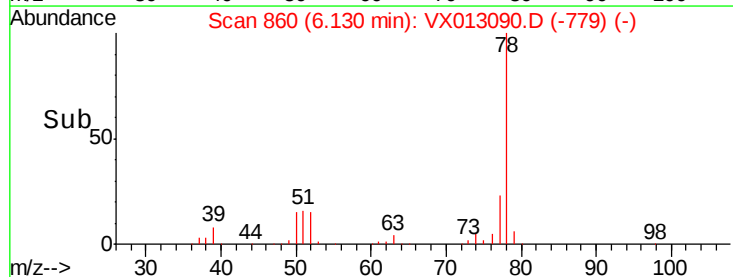
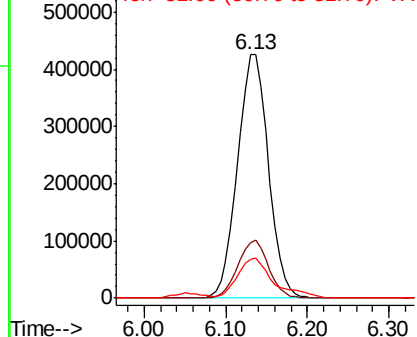


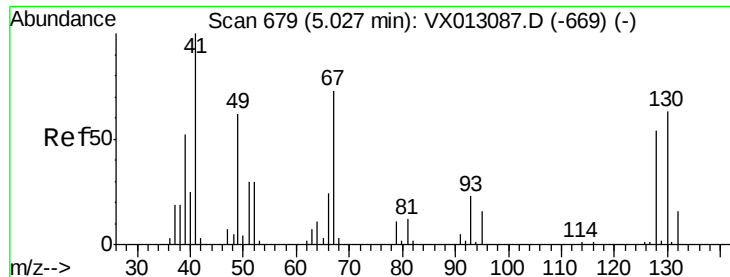
#34
Benzene
Concen: 153.597 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX013090.D
Acq: 16 Oct 2019 12:07

Tgt Ion: 78 Resp: 1117529
Ion Ratio Lower Upper
78 100
77 22.7 18.5 27.7
51 15.7 12.1 18.1



Abundance Ion 78.10 (77.80 to 78.80): VX0
Ion 77.00 (76.70 to 77.70): VX0
Ion 51.00 (50.70 to 51.70): VX0

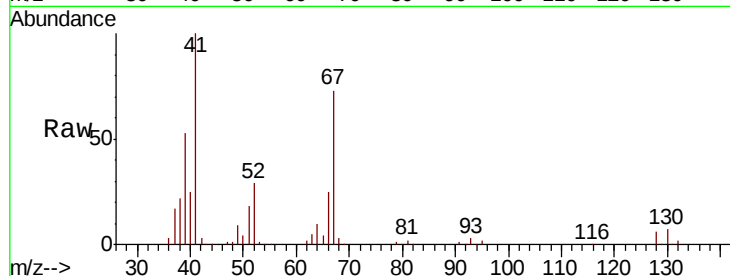




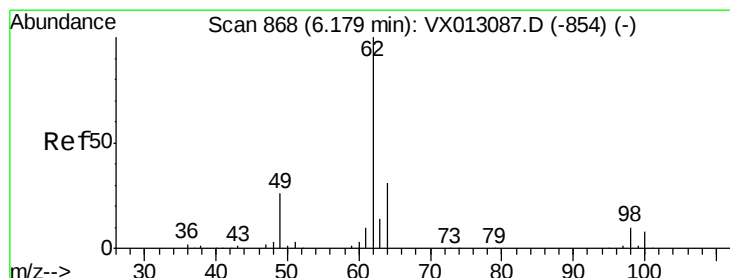
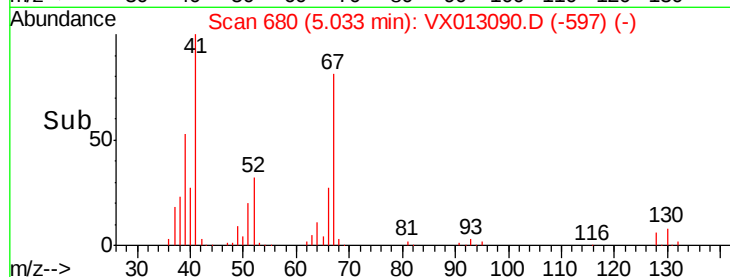
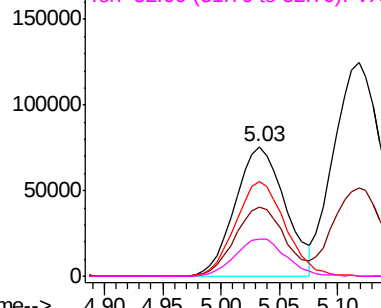
#35
Methacrylonitrile
Concen: 164.284 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013090.D
Acq: 16 Oct 2019 12:07

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 226486
Ion Ratio Lower Upper
41 100
39 52.8 26.3 78.8
67 73.3 36.5 109.5
52 28.8 15.3 45.8

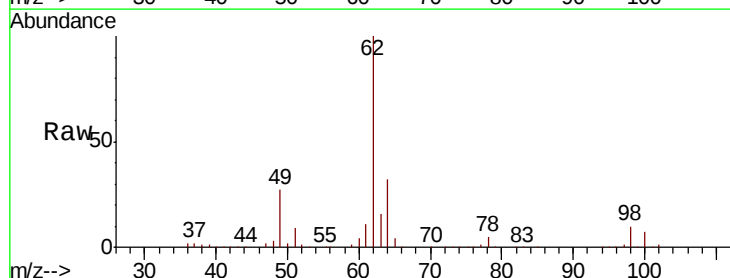


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

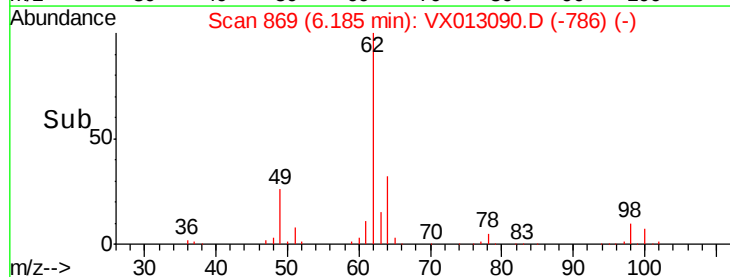
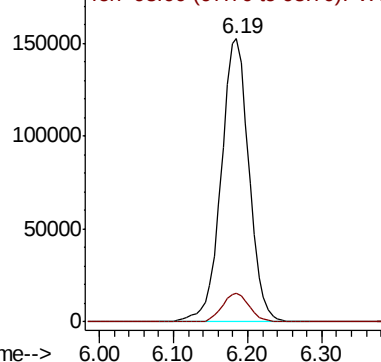


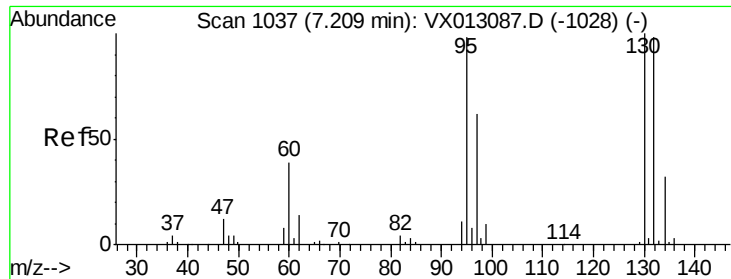
#36
1,2-Dichloroethane
Concen: 152.752 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX013090.D
Acq: 16 Oct 2019 12:07

Tgt Ion: 62 Resp: 400161
Ion Ratio Lower Upper
62 100
98 9.8 7.8 11.6



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

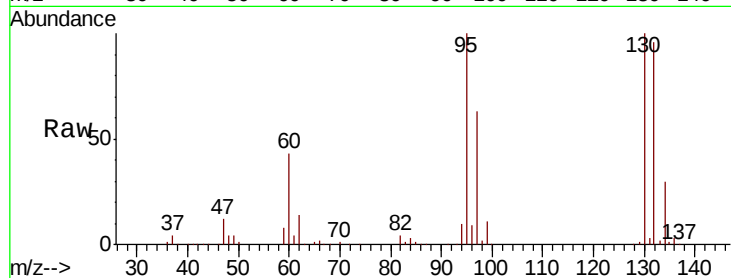




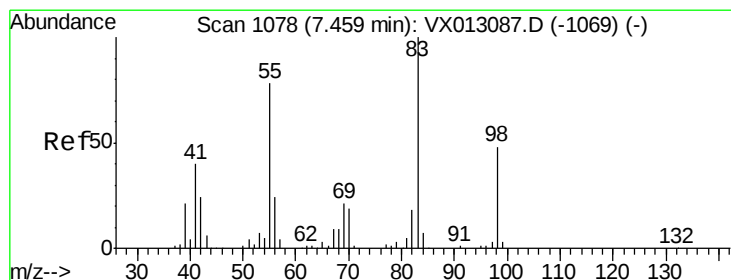
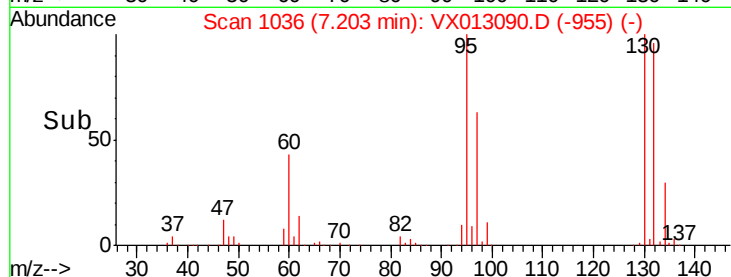
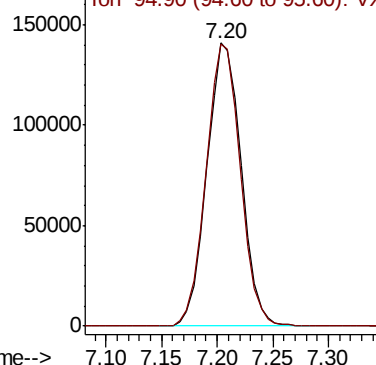
#37
 Trichloroethene
 Concen: 144.305 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX013090.D
 Acq: 16 Oct 2019 12:07

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:130 Resp: 301555
 Ion Ratio Lower Upper
 130 100
 95 99.5 78.4 117.6

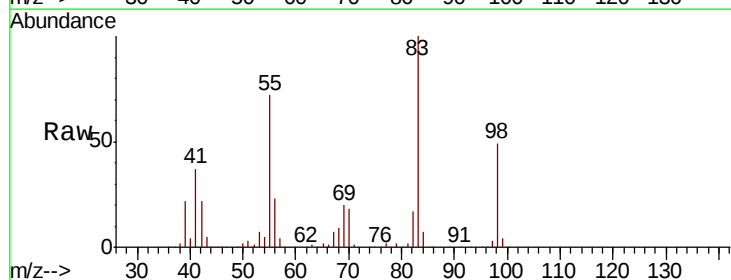


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

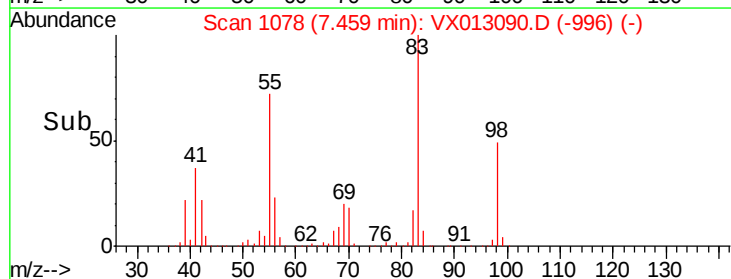
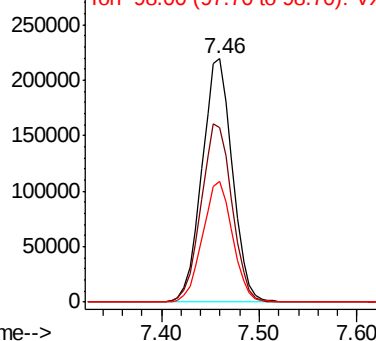


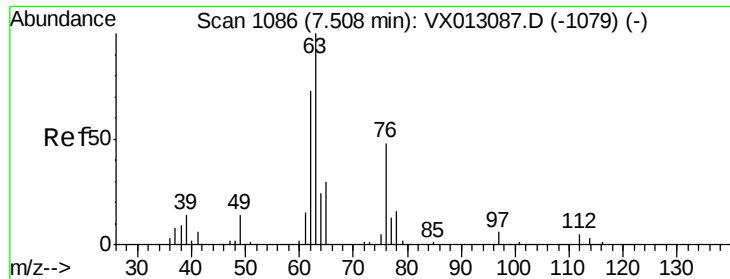
#38
 Methylcyclohexane
 Concen: 156.208 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: VX013090.D
 Acq: 16 Oct 2019 12:07

Tgt Ion: 83 Resp: 472596
 Ion Ratio Lower Upper
 83 100
 55 74.4 38.3 114.8
 98 49.1 24.9 74.7



Abundance Ion 83.00 (82.70 to 83.70): VX0
 Ion 55.00 (54.70 to 55.70): VX0
 Ion 98.00 (97.70 to 98.70): VX0





#39

1,2-Dichloropropane

Concen: 153.437 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013090.D

Acq: 16 Oct 2019 12:07

Instrument :

MSVOA_X

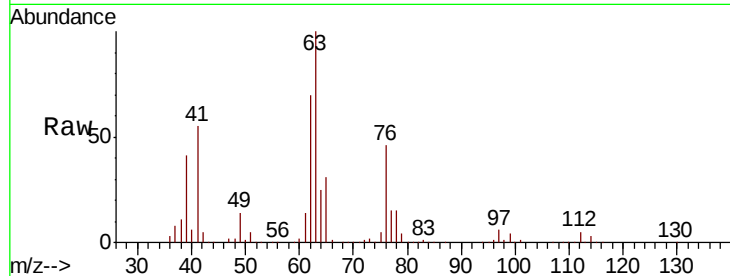
ClientSampled :

Tot Ion: 63 Resp: 280147

Ion Ratio Lower Upper

63 100

65 31.0 25.6 38.4



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0

7.51

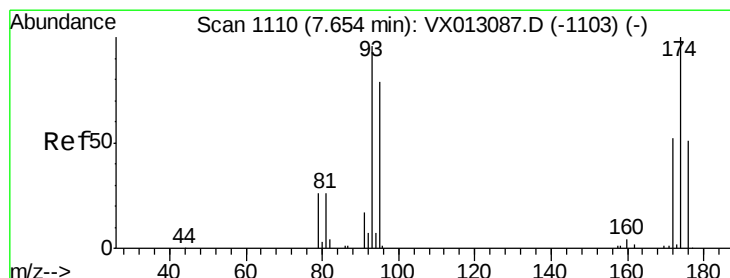
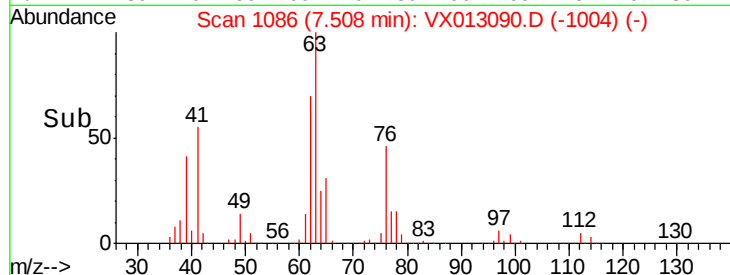
150000

100000

50000

0

Time-->



#40

Dibromomethane

Concen: 148.658 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013090.D

Acq: 16 Oct 2019 12:07

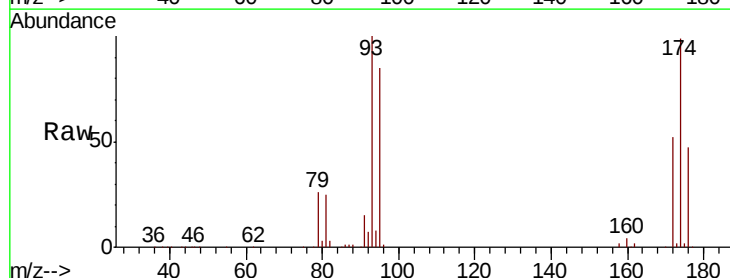
Tgt Ion: 93 Resp: 195177

Ion Ratio Lower Upper

93 100

95 83.5 0.0 171.2

174 101.4 0.0 208.2



Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V

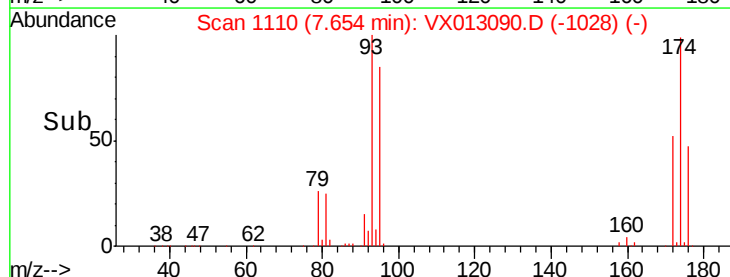
7.65

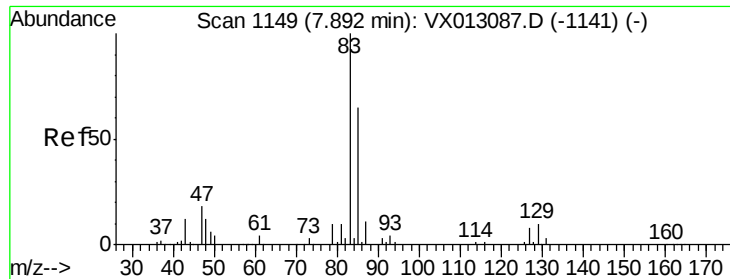
100000

50000

0

Time-->





#41

Bromodichloromethane

Concen: 161.726 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013090.D

Acq: 16 Oct 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

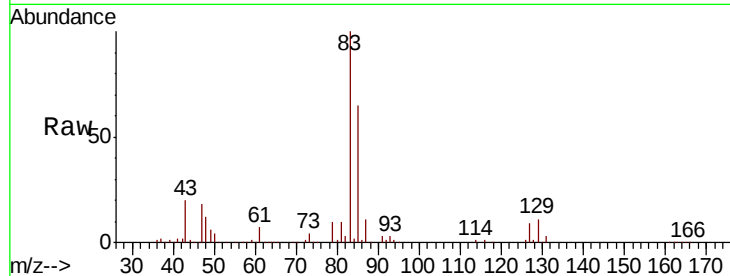
Tot Ion: 83 Resp: 397292

Ion Ratio Lower Upper

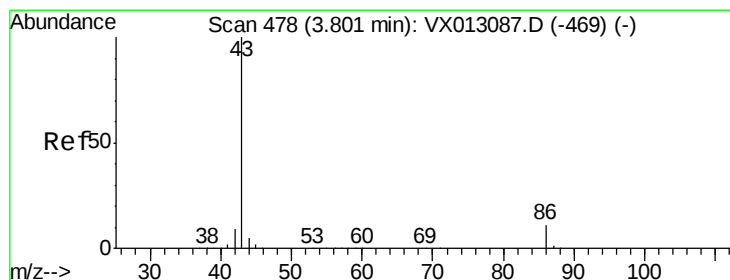
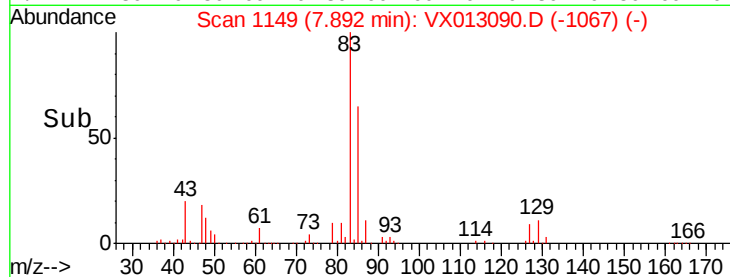
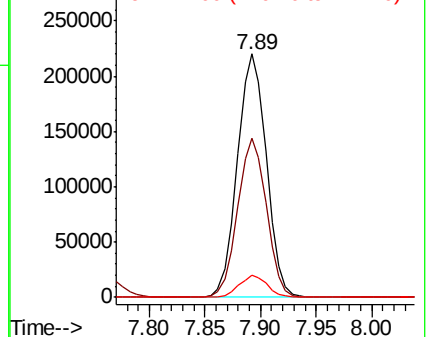
83 100

85 65.4 51.8 77.8

127 8.9 6.7 10.1



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 85.00 (84.70 to 85.70): VX0
Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 840.650 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.01 min

Lab File: VX013090.D

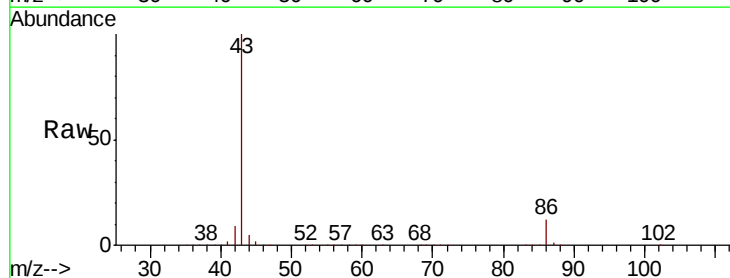
Acq: 16 Oct 2019 12:07

Tgt Ion: 43 Resp: 3710471

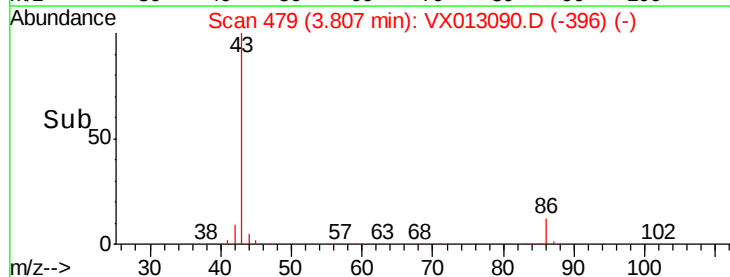
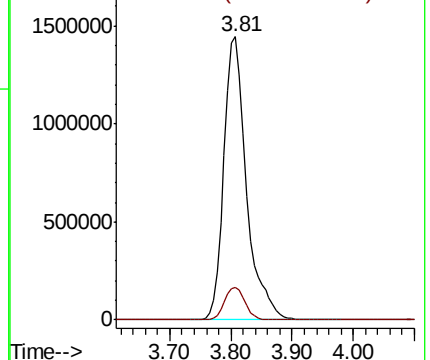
Ion Ratio Lower Upper

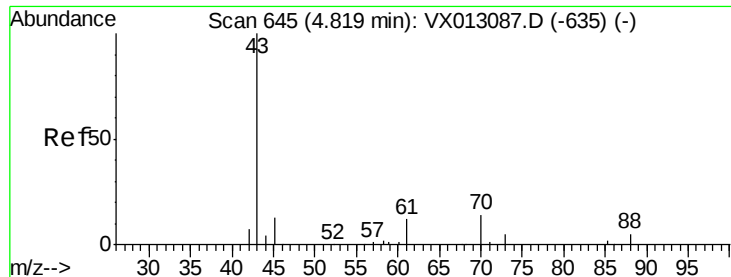
43 100

86 10.5 8.2 12.2



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





#43

Ethyl Acetate

Concen: 161.115 ug/l

RT: 4.83 min Scan# 646

Delta R.T. 0.01 min

Lab File: VX013090.D

Acq: 16 Oct 2019 12:07

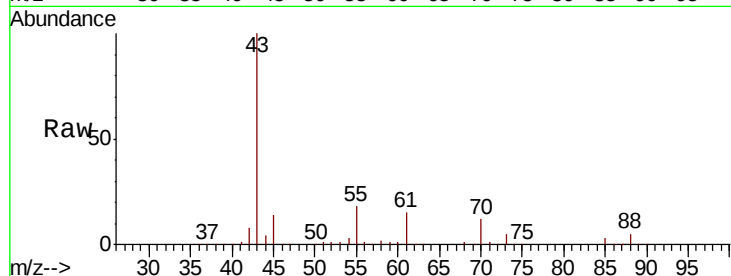
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 405251

Ion Ratio Lower Upper

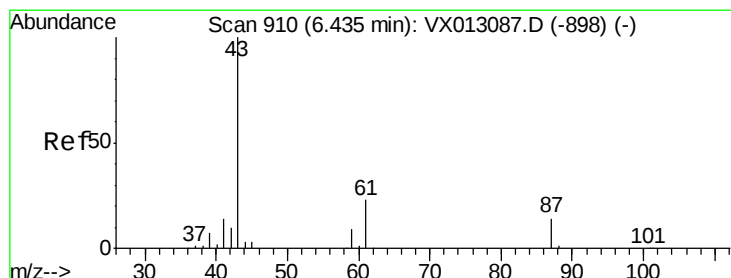
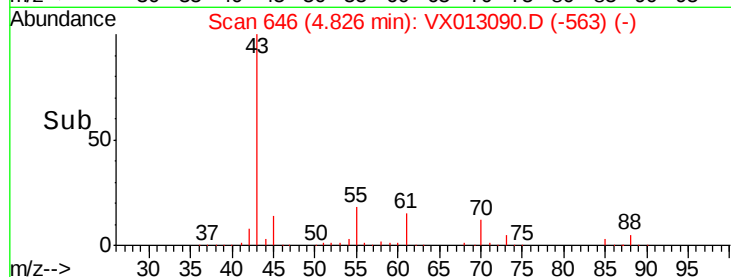
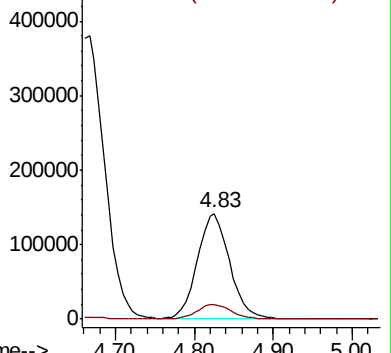
43 100

45 14.9 12.8 19.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 163.024 ug/l

RT: 6.44 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013090.D

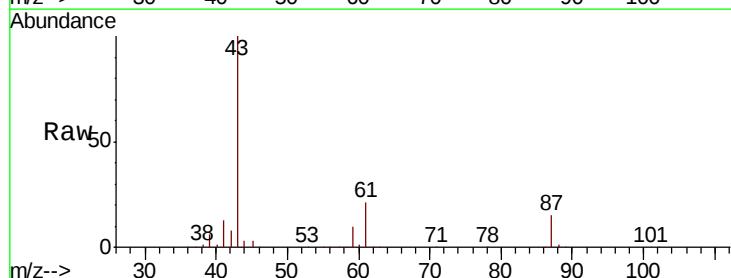
Acq: 16 Oct 2019 12:07

Tgt Ion: 43 Resp: 674178

Ion Ratio Lower Upper

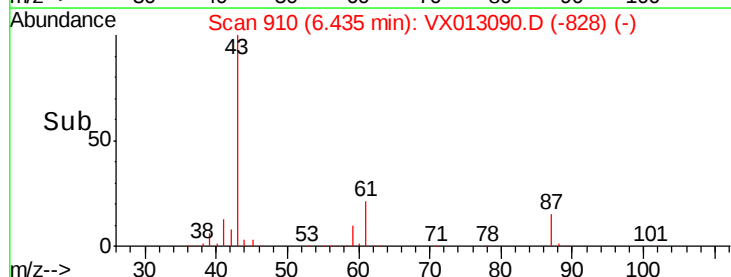
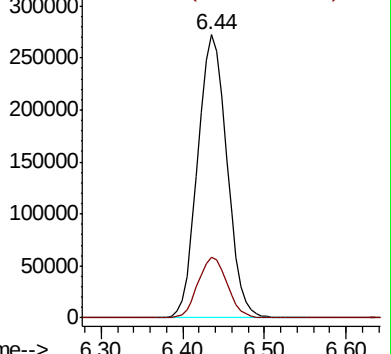
43 100

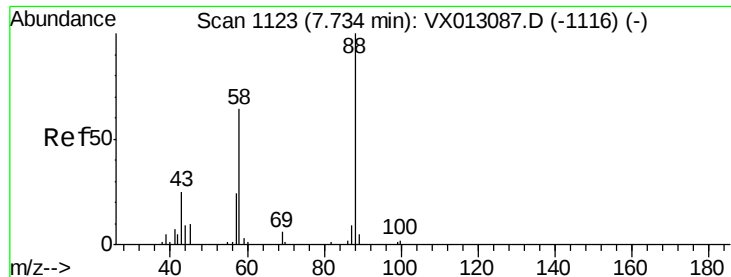
61 21.4 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

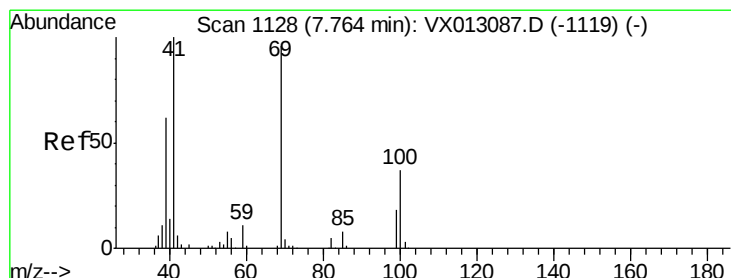
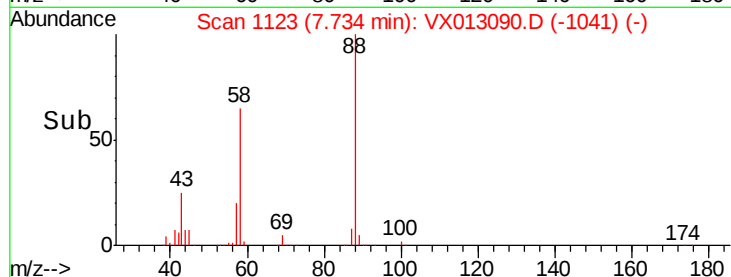
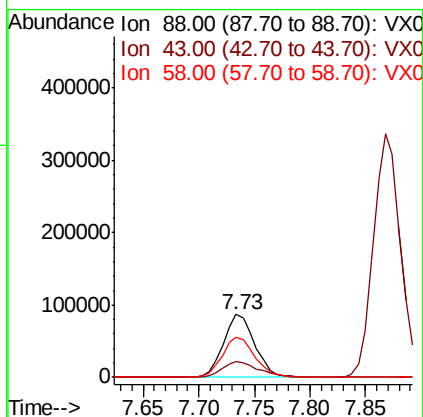
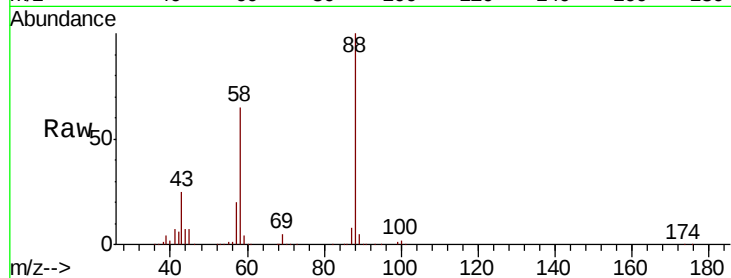




#45
 1,4-Dioxane
 Concen: 3243.458 ug/l
 RT: 7.73 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: VX013090.D
 Acq: 16 Oct 2019 12:07

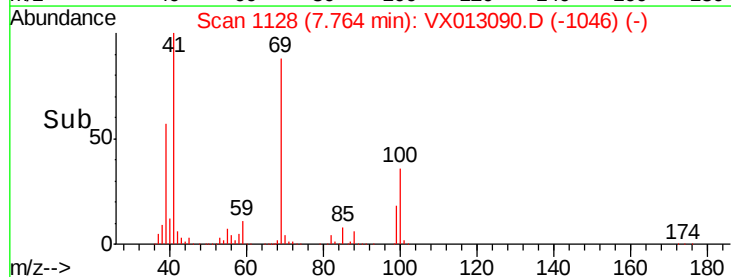
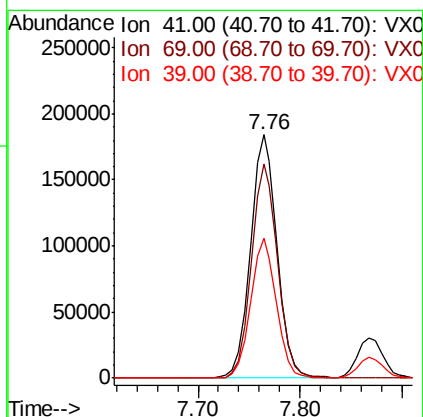
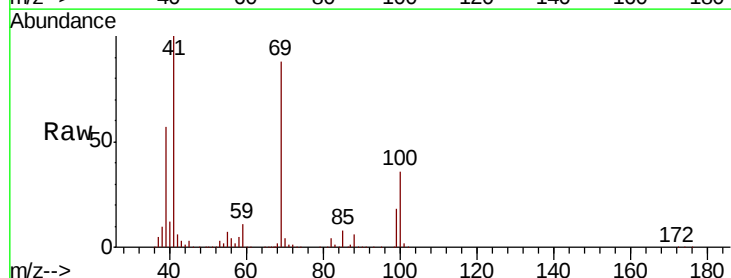
Instrument :
 MSVOA_X
 ClientSampleId :

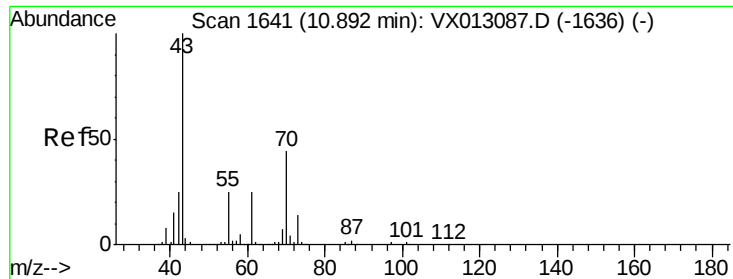
Tot Ion	Ratio	Lower	Upper
88	100		
43	29.5	26.0	39.0
58	67.1	53.0	79.4



#46
 Methyl methacrylate
 Concen: 167.212 ug/l
 RT: 7.76 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: VX013090.D
 Acq: 16 Oct 2019 12:07

Tgt Ion	Ratio	Lower	Upper
41	100		
69	87.9	48.1	144.3
39	57.3	31.2	93.6





#47

n-amvl Acetate

Concen: 165.160 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013090.D

Acq: 16 Oct 2019 12:07

Instrument :

MSVOA_X

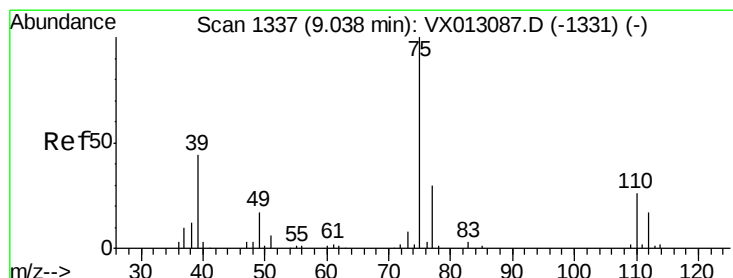
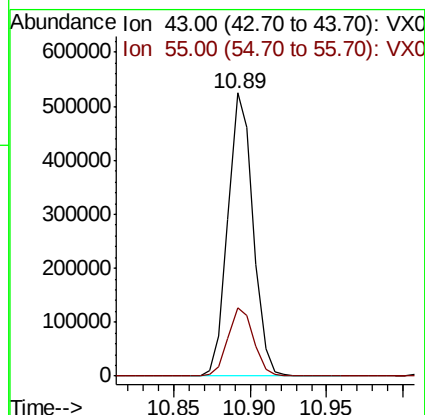
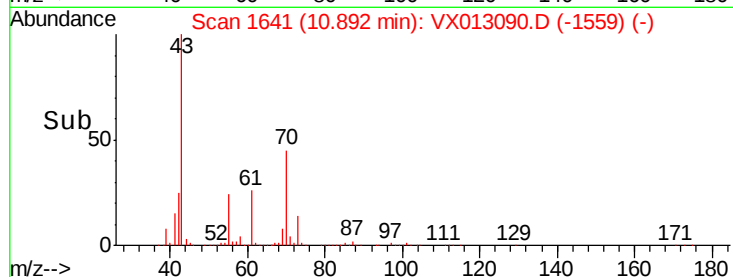
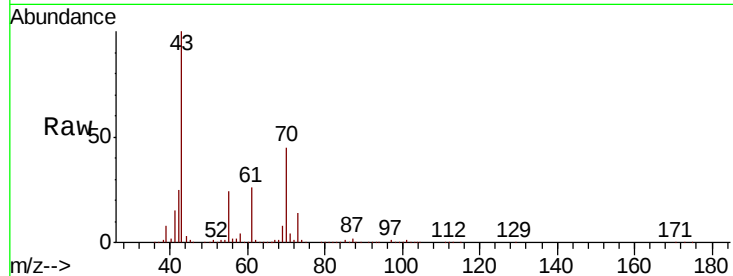
ClientSampleId :

Tot Ion: 43 Resp: 599083

Ion Ratio Lower Upper

43 100

55 24.7 20.6 31.0



#48

t-1,3-Dichloropropene

Concen: 176.827 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX013090.D

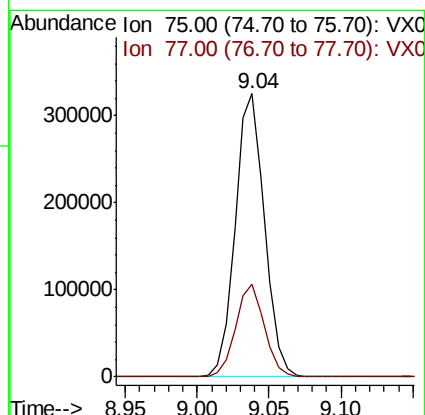
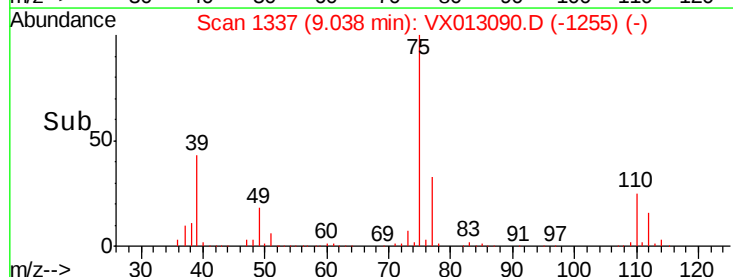
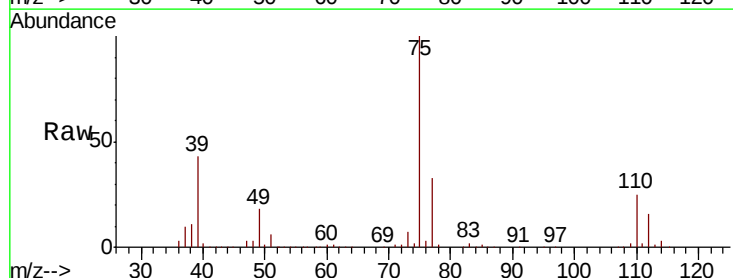
Acq: 16 Oct 2019 12:07

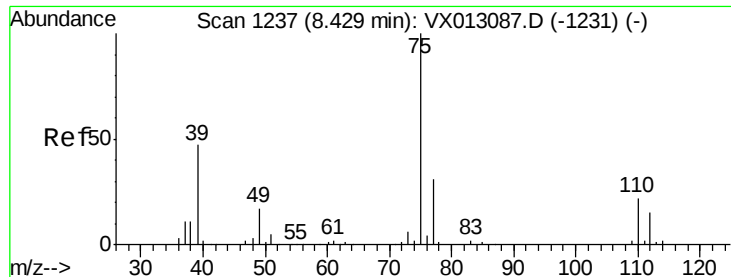
Tgt Ion: 75 Resp: 460600

Ion Ratio Lower Upper

75 100

77 32.5 23.7 35.5



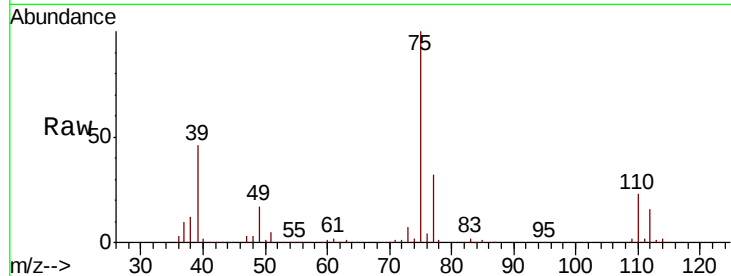


#49

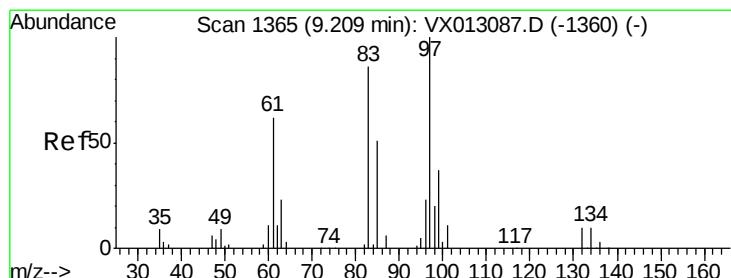
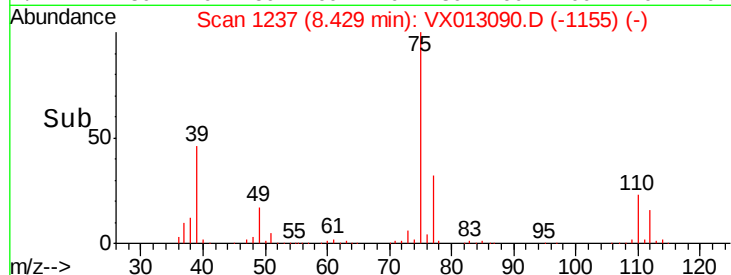
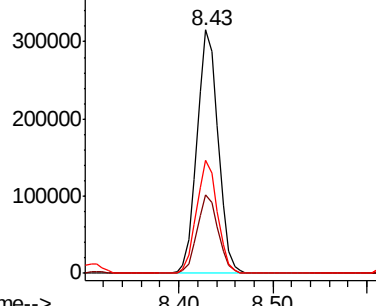
cis-1,3-Dichloropropene
Concen: 172.590 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013090.D
Acq: 16 Oct 2019 12:07

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.3	24.7	37.1
39	46.4	37.4	56.0



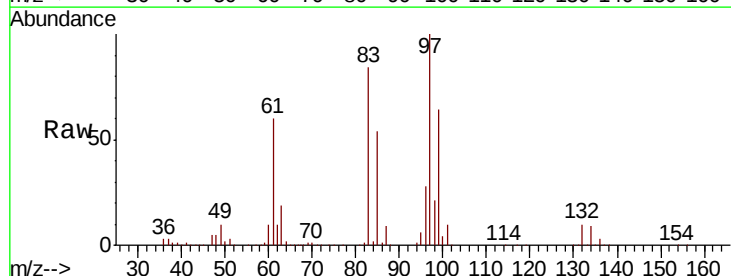
Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 77.00 (76.70 to 77.70): VX0
Ion 39.00 (38.70 to 39.70): VX0



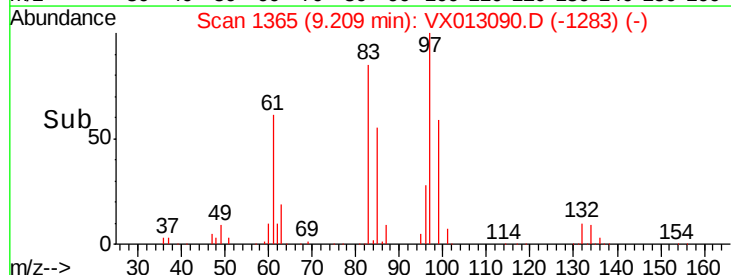
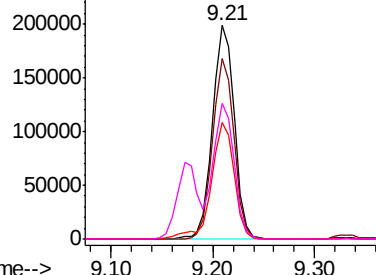
#50

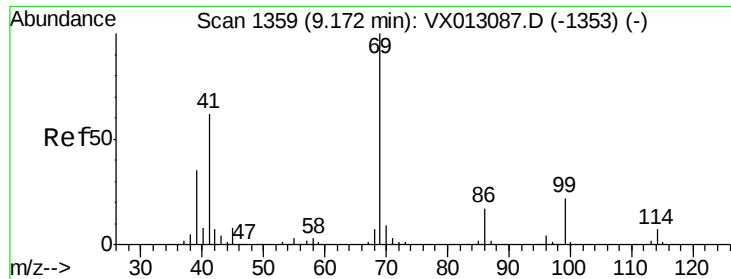
1,1,2-Trichloroethane
Concen: 151.405 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX013090.D
Acq: 16 Oct 2019 12:07

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.4	68.1	102.1
85	54.3	42.6	64.0
99	63.8	49.8	74.8



Abundance Ion 97.00 (96.70 to 97.70): VX0
Ion 82.95 (82.65 to 83.65): VX0
Ion 84.95 (84.65 to 85.65): VX0
Ion 98.95 (98.65 to 99.65): VX0





#51

Ethyl methacrylate

Concen: 165.230 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013090.D

Acq: 16 Oct 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

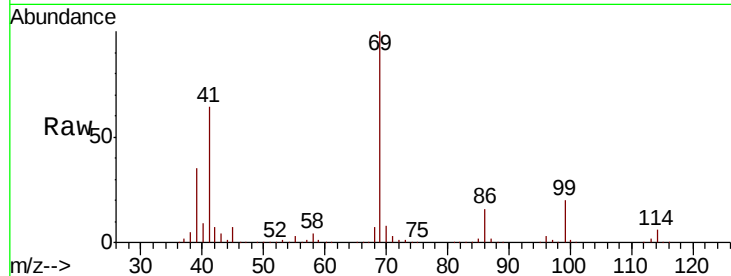
Tot Ion: 69 Resp: 496824

Ion Ratio Lower Upper

69 100

41 63.9 31.1 93.3

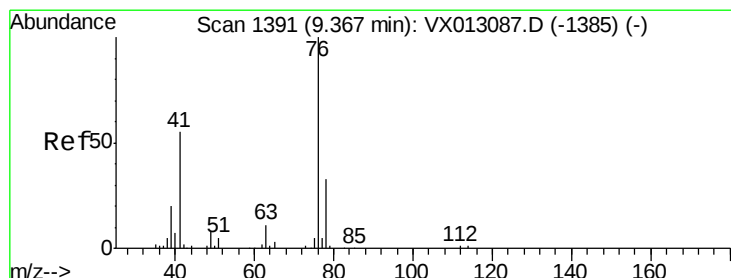
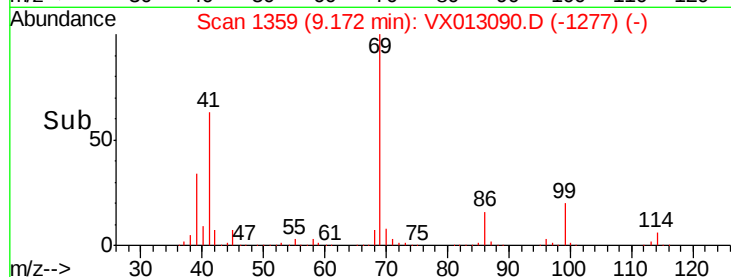
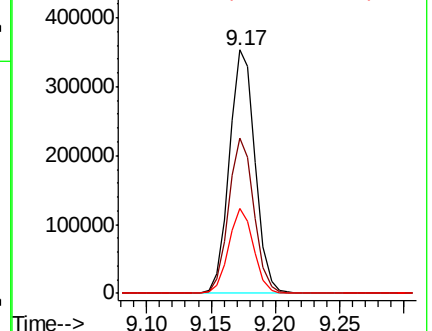
39 34.6 17.6 52.9



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



#52

1,3-Dichloropropane

Concen: 156.191 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013090.D

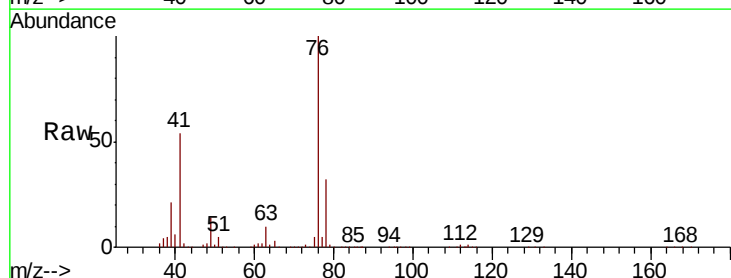
Acq: 16 Oct 2019 12:07

Tgt Ion: 76 Resp: 491600

Ion Ratio Lower Upper

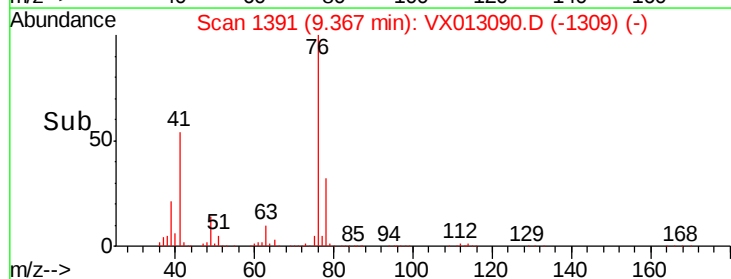
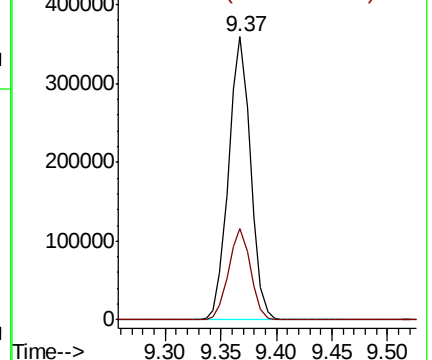
76 100

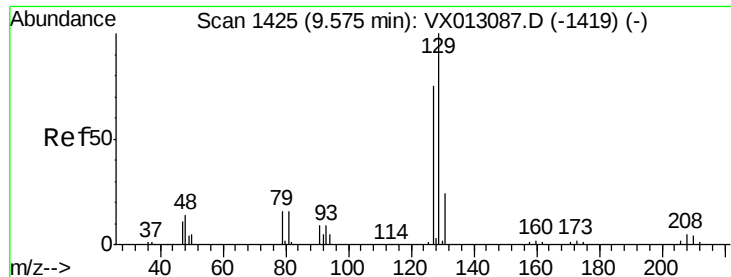
78 32.2 0.0 64.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 155.562 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.01 min

Lab File: VX013090.D

Acq: 16 Oct 2019 12:07

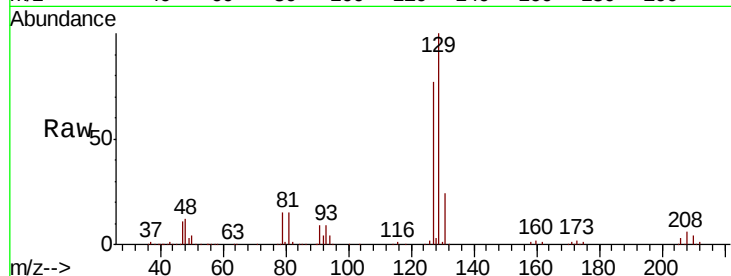
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:129 Resp: 324337

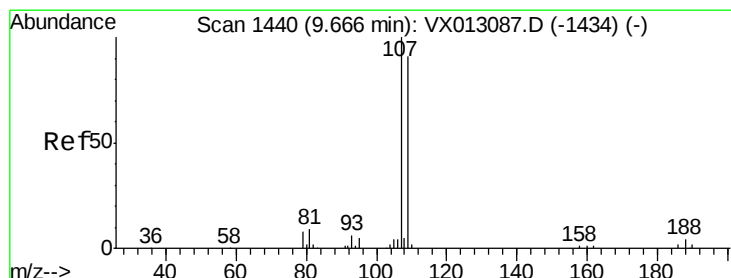
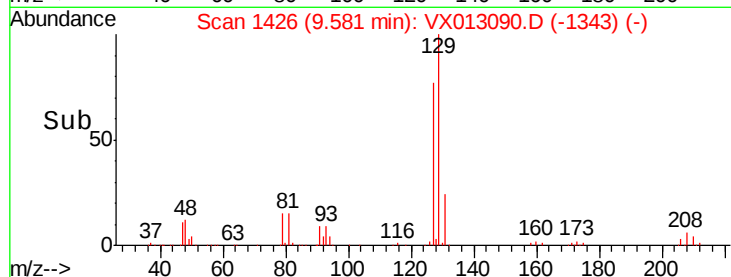
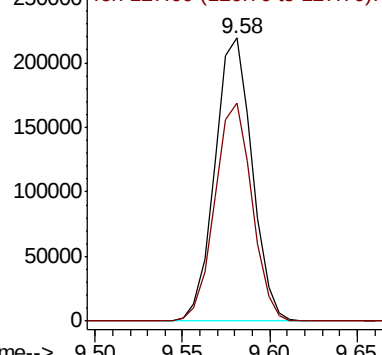
Ion Ratio Lower Upper

129 100

127 76.9 38.0 113.9



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 146.887 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013090.D

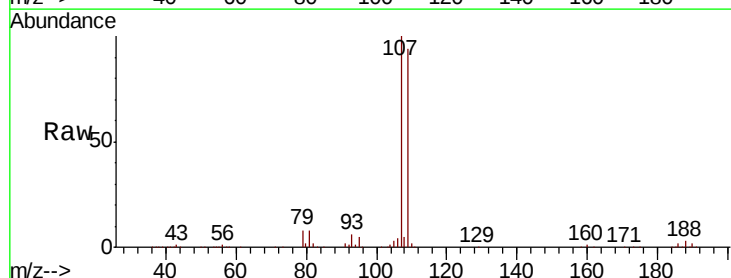
Acq: 16 Oct 2019 12:07

Tgt Ion:107 Resp: 309373

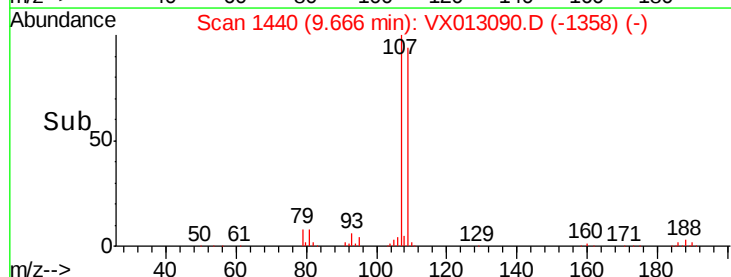
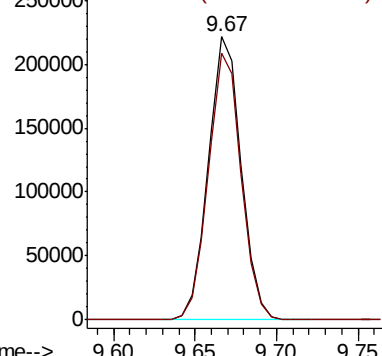
Ion Ratio Lower Upper

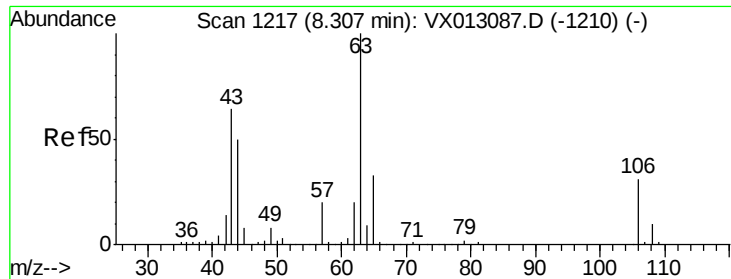
107 100

109 94.6 73.6 110.4



Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V

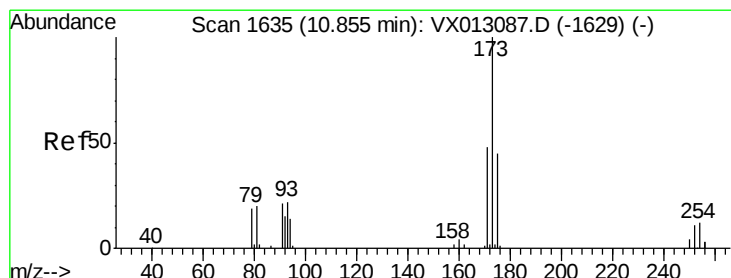
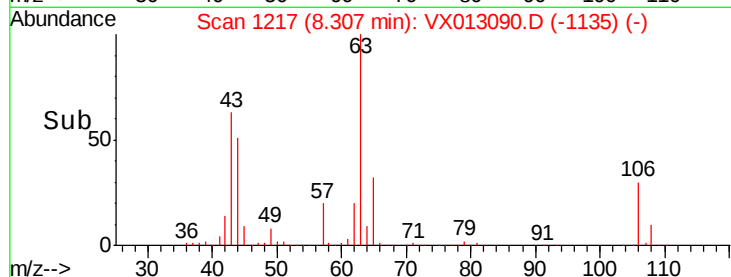
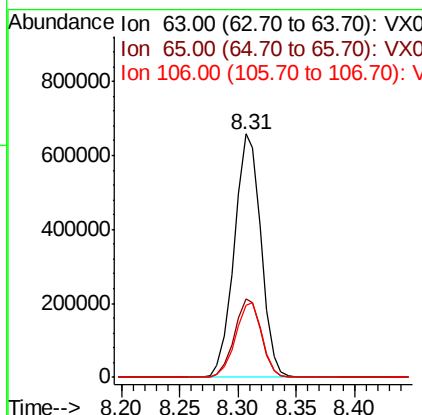
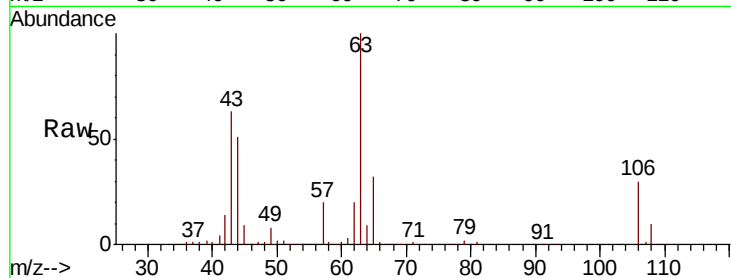




#55
2-Chloroethyl vinyl ether
Concen: 818.214 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VX013090.D
Acq: 16 Oct 2019 12:07

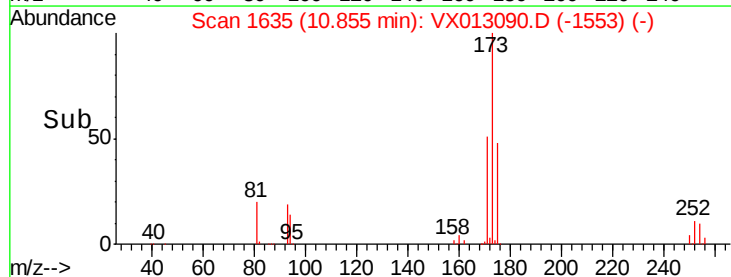
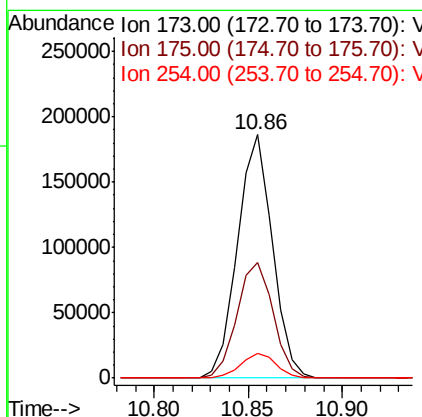
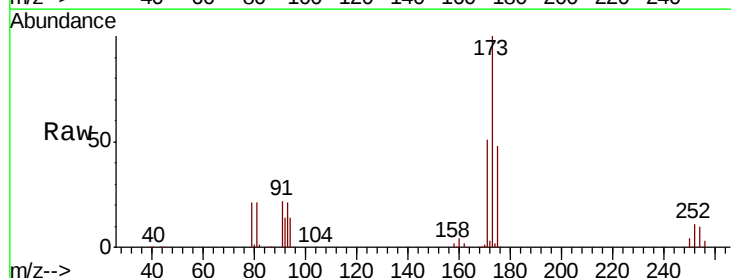
Instrument :
MSVOA_X
ClientSampled :

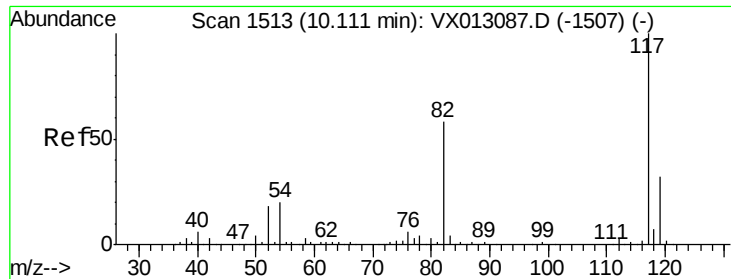
Tot Ion: 63 Resp: 1053390
Ion Ratio Lower Upper
63 100
65 32.1 25.9 38.9
106 30.7 24.3 36.5



#56
Bromoform
Concen: 155.368 ug/l
RT: 10.86 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013090.D
Acq: 16 Oct 2019 12:07

Tgt Ion:173 Resp: 239036
Ion Ratio Lower Upper
173 100
175 49.2 37.8 56.8
254 10.3 7.9 11.9

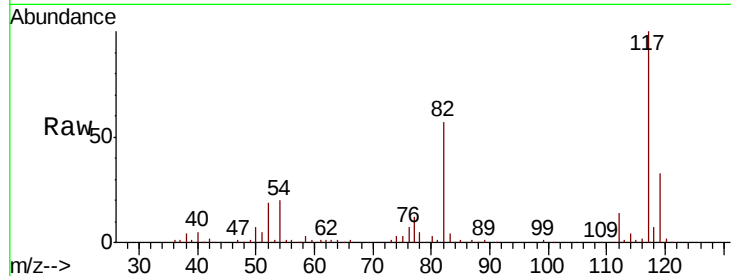




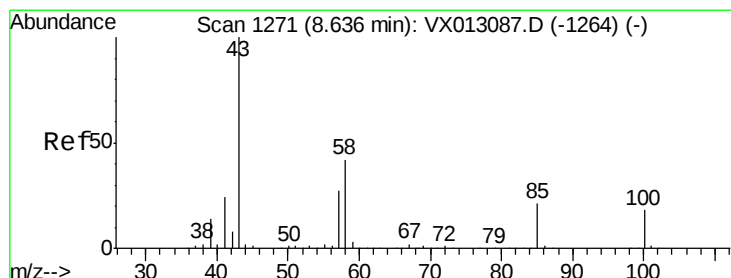
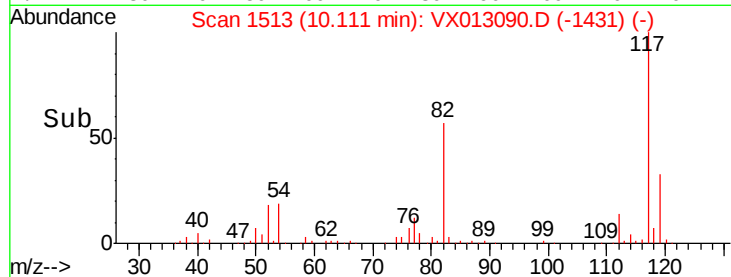
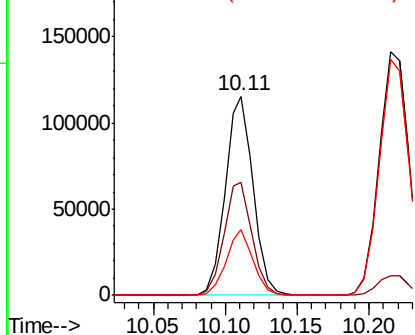
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013090.D
Acq: 16 Oct 2019 12:07

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 156251
Ion Ratio Lower Upper
117 100
82 57.1 46.7 70.1
119 31.8 25.8 38.6

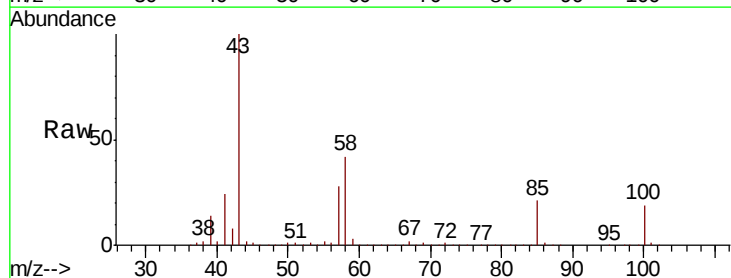


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

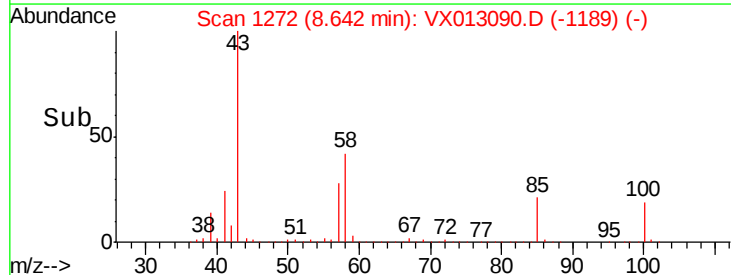
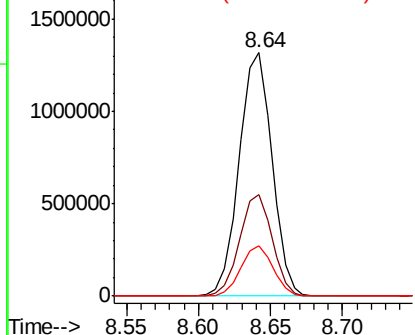


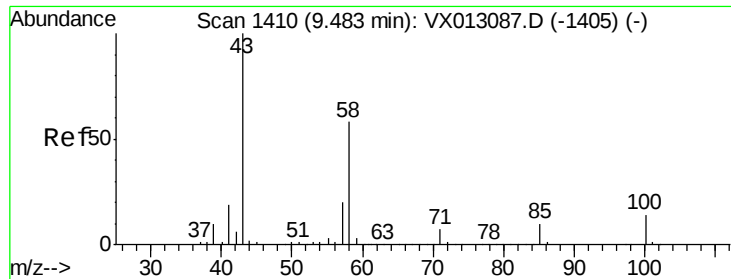
#58
4-Methyl-2-Pentanone
Concen: 778.442 ug/l
RT: 8.64 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VX013090.D
Acq: 16 Oct 2019 12:07

Tgt Ion: 43 Resp: 2086749
Ion Ratio Lower Upper
43 100
58 41.4 33.0 49.4
85 20.4 16.0 24.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 85.00 (84.70 to 85.70): VX0

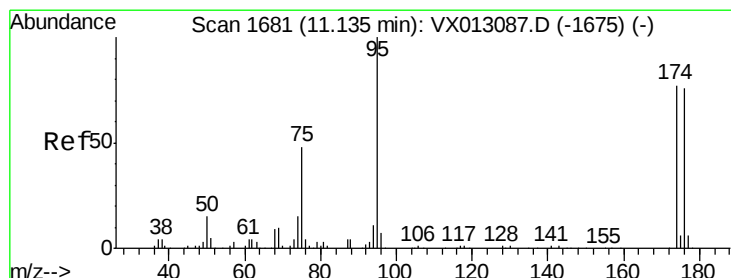
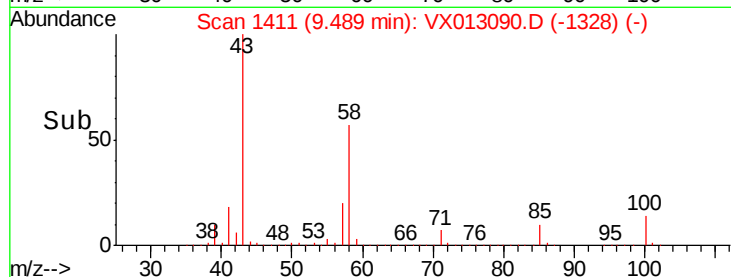
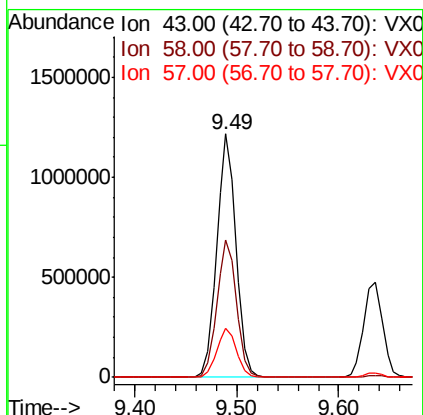
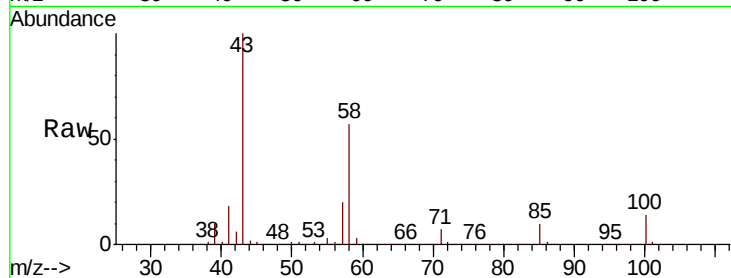




#59
2-Hexanone
Concen: 785.429 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013090.D
Acq: 16 Oct 2019 12:07

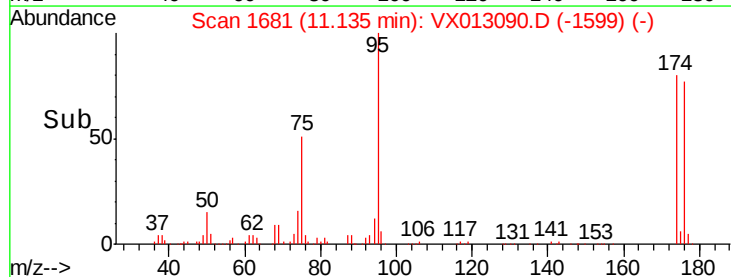
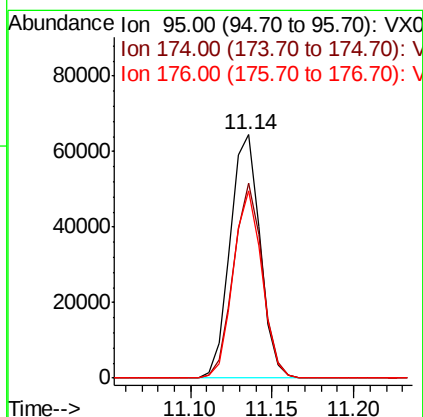
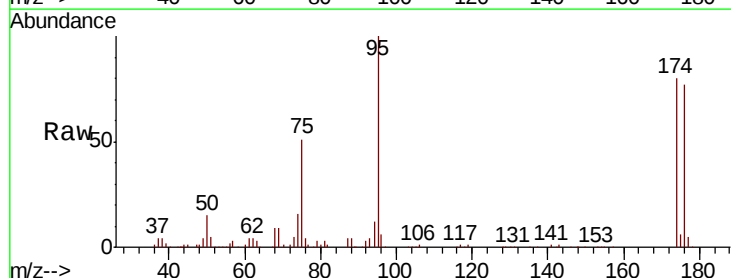
Instrument :
MSVOA_X
ClientSampled :

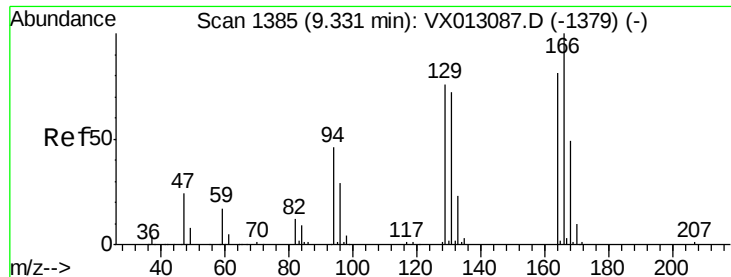
Tot Ion: 43 Resp: 1620458
Ion Ratio Lower Upper
43 100
58 57.1 45.4 68.2
57 20.4 16.2 24.2



#60
4-Bromofluorobenzene
Concen: 31.460 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013090.D
Acq: 16 Oct 2019 12:07

Tgt Ion: 95 Resp: 82417
Ion Ratio Lower Upper
95 100
174 77.2 58.8 88.2
176 73.8 56.6 84.8

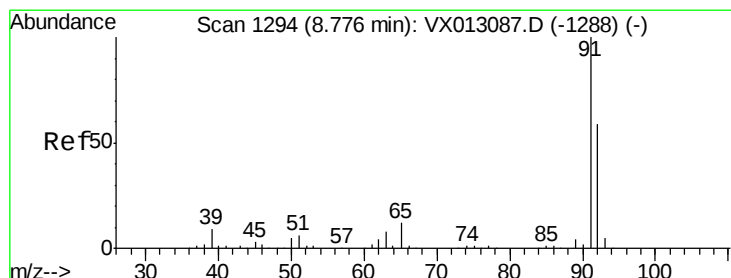
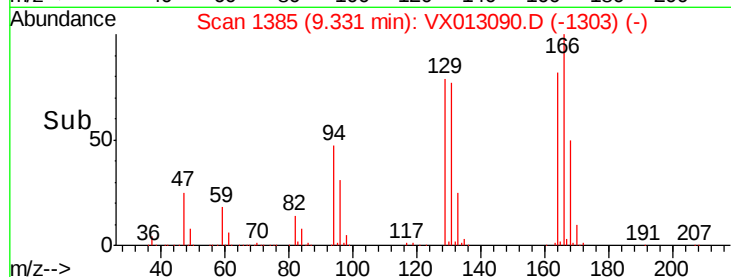
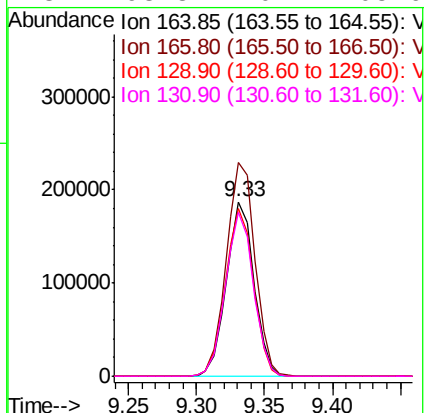
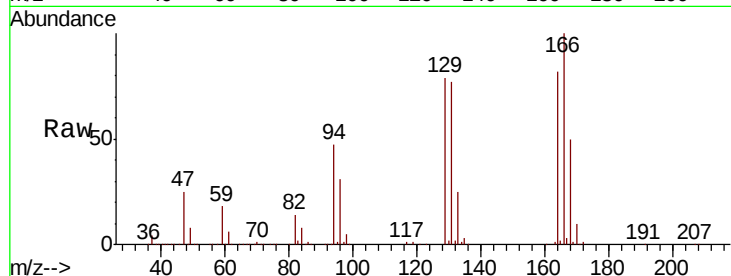




#61
Tetrachloroethene
Concen: 128.081 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013090.D
Acq: 16 Oct 2019 12:07

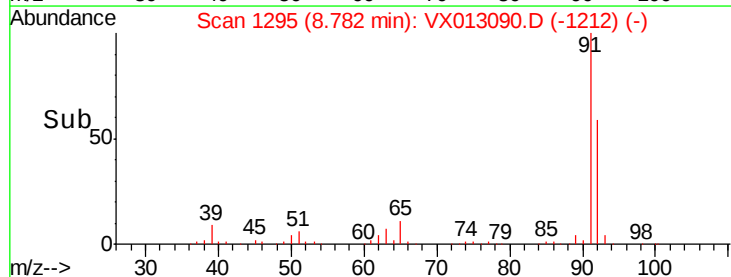
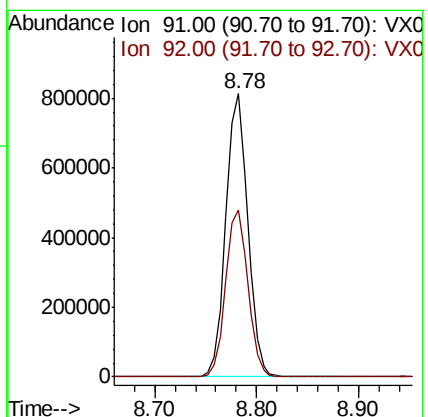
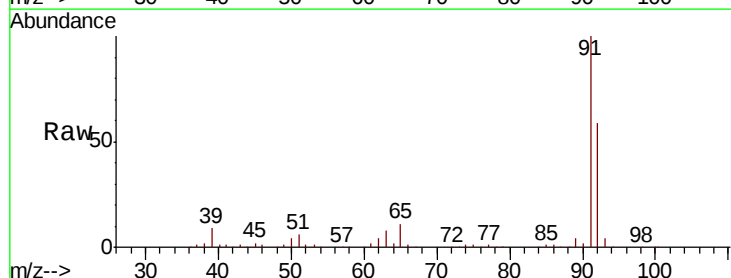
Instrument :
MSVOA_X
ClientSampleId :

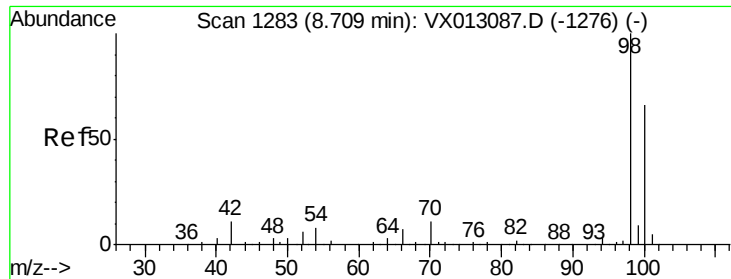
Tot Ion	Ratio	Lower	Upper
164	100		
166	122.5	98.4	147.6
129	96.5	75.2	112.8
131	93.8	70.4	105.6



#62
Toluene
Concen: 145.477 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX013090.D
Acq: 16 Oct 2019 12:07

Tgt Ion	Ratio	Lower	Upper
91	100		
92	59.8	47.6	71.4





#63

Toluene-d8

Concen: 29.951 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013090.D

Acq: 16 Oct 2019 12:07

Instrument :

MSVOA_X

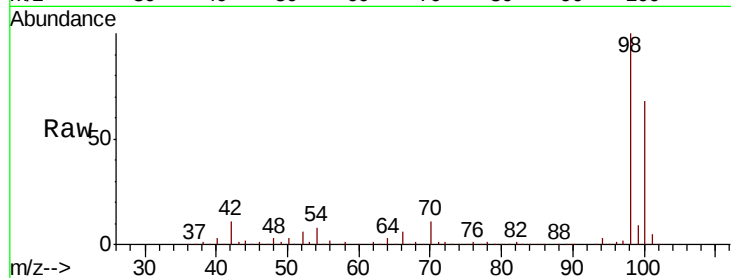
ClientSampleId :

Tot Ion: 98 Resp: 207575

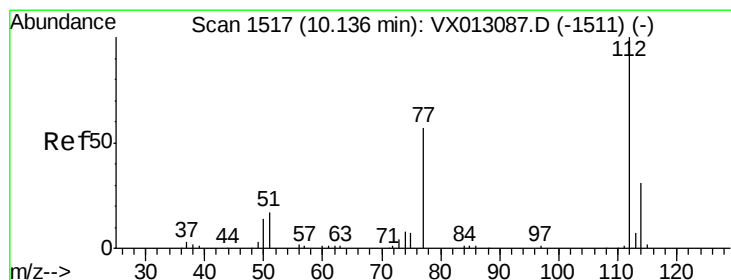
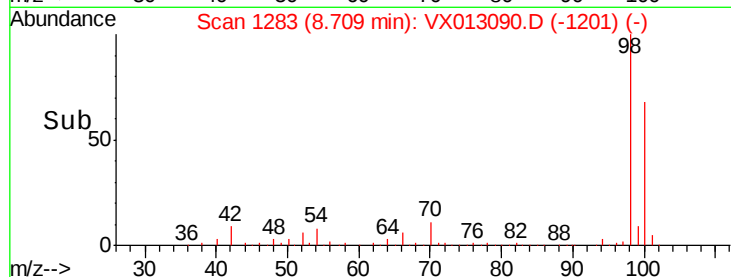
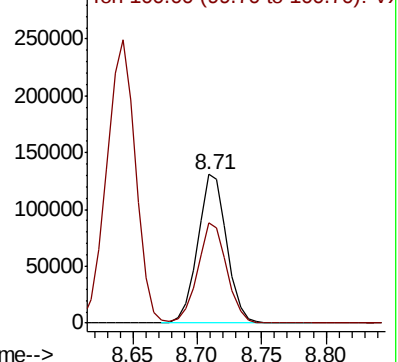
Ion Ratio Lower Upper

98 100

100 67.1 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX013087.D (-1276) (-)



#64

Chlorobenzene

Concen: 146.210 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013090.D

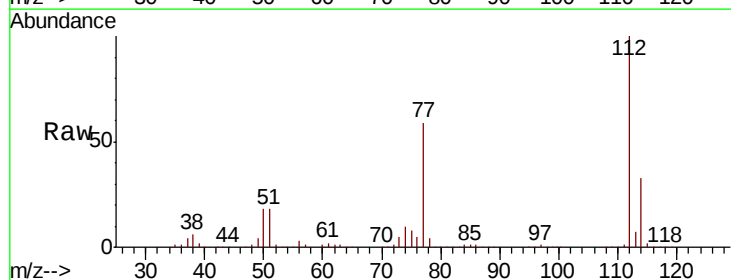
Acq: 16 Oct 2019 12:07

Tgt Ion: 112 Resp: 779904

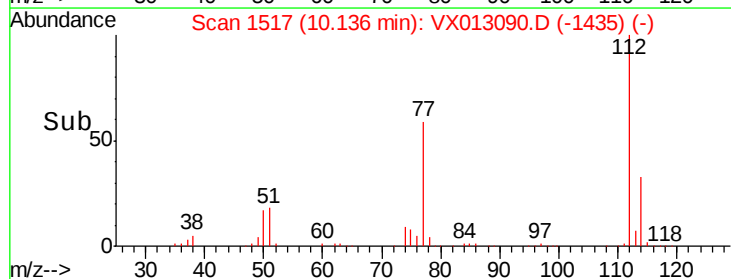
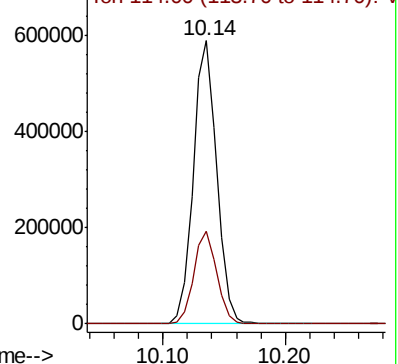
Ion Ratio Lower Upper

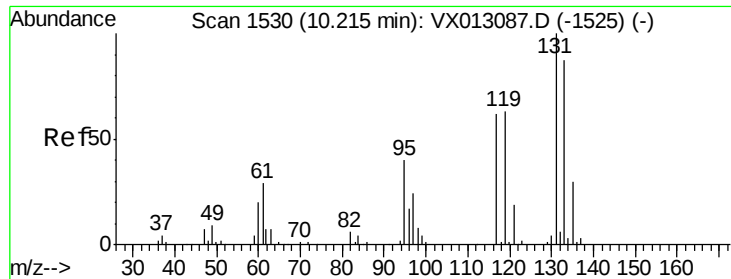
112 100

114 32.6 25.2 37.8



Abundance Ion 112.00 (111.70 to 112.70): VX013087.D (-1511) (-)

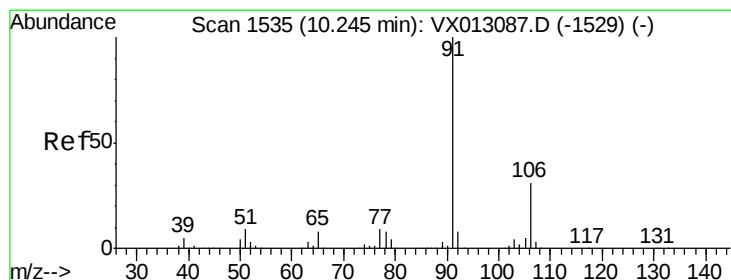
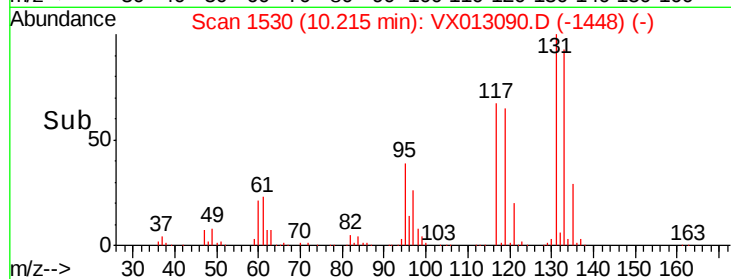
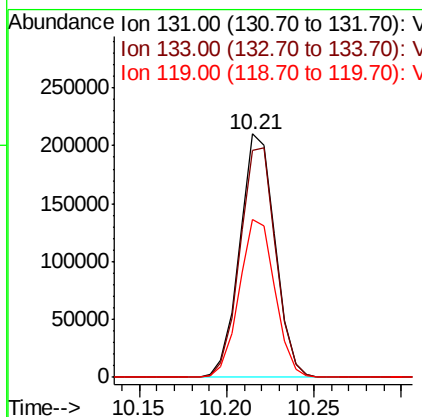
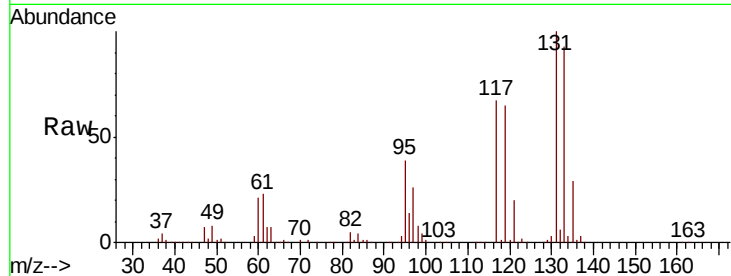




#65
 1,1,1,2-Tetrachloroethane
 Concen: 150.846 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX013090.D
 Acq: 16 Oct 2019 12:07

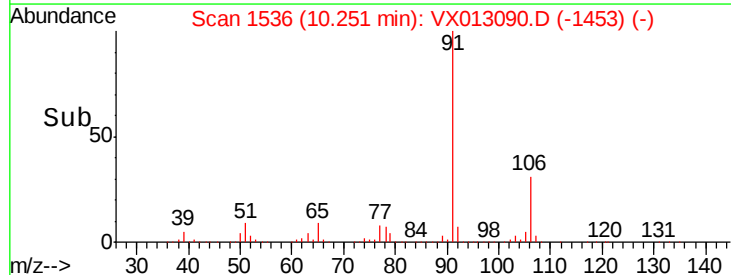
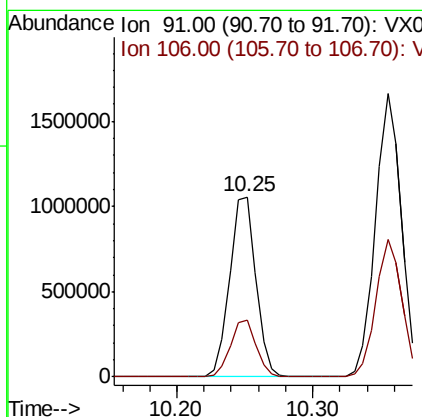
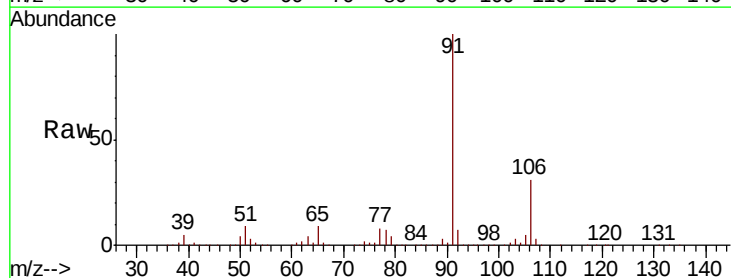
Instrument :
 MSVOA_X
 ClientSampleId :

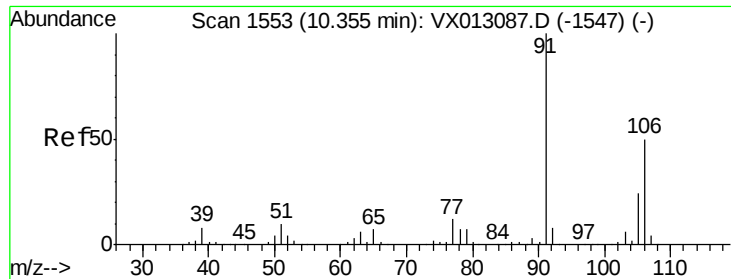
Tot Ion	Ratio	Lower	Upper
131	100		
133	95.7	0.0	187.8
119	65.4	0.0	128.4



#66
 Ethyl Benzene
 Concen: 151.238 ug/l
 RT: 10.25 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VX013090.D
 Acq: 16 Oct 2019 12:07

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.4	25.0	37.4

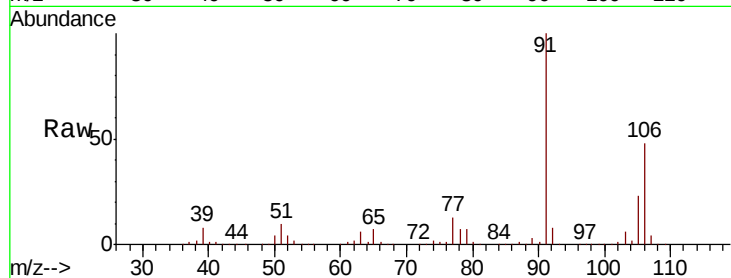




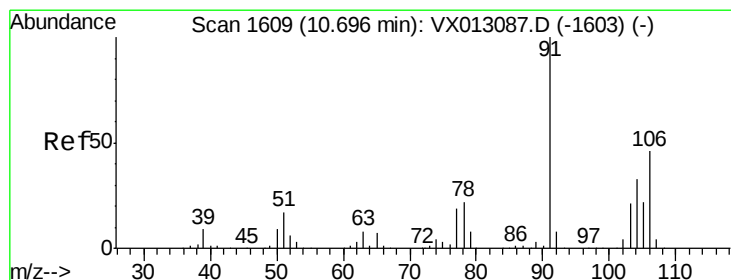
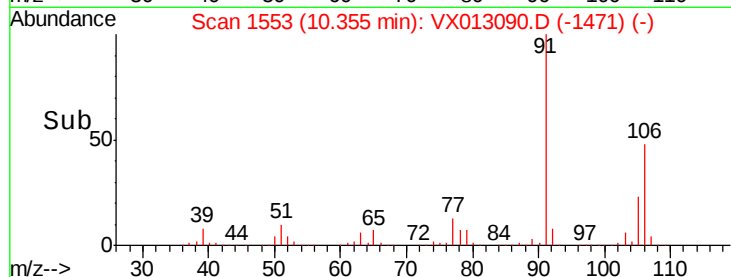
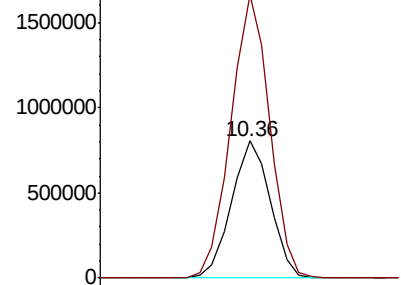
#67
m/p-Xylenes
Concen: 298.752 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013090.D
Acq: 16 Oct 2019 12:07

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 1067138
Ion Ratio Lower Upper
106 100
91 205.6 162.6 243.8

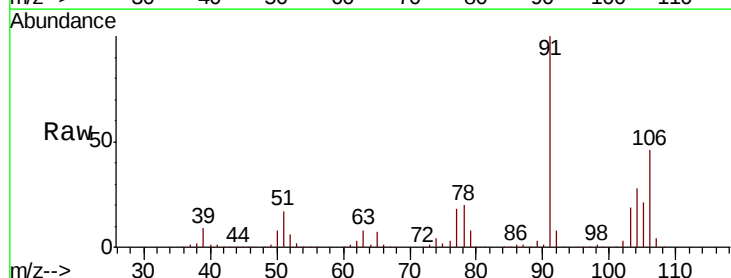


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

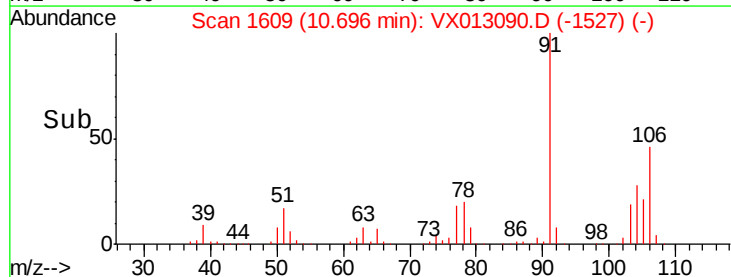
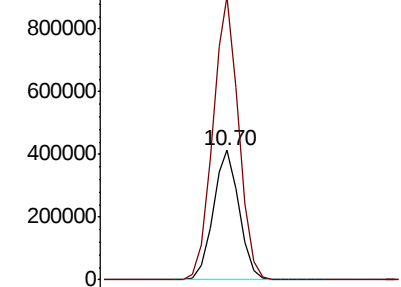


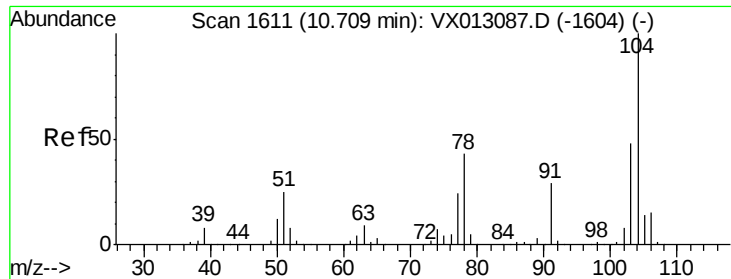
#68
o-Xylene
Concen: 149.103 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013090.D
Acq: 16 Oct 2019 12:07

Tgt Ion:106 Resp: 522591
Ion Ratio Lower Upper
106 100
91 216.1 109.1 327.3



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

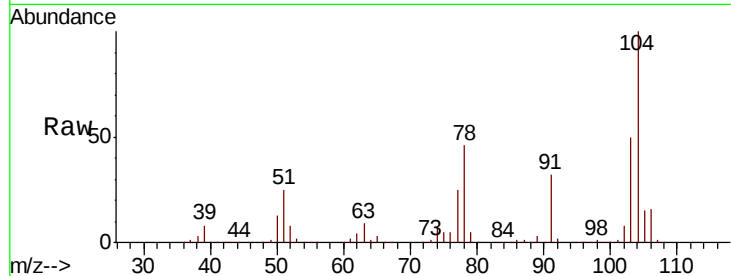




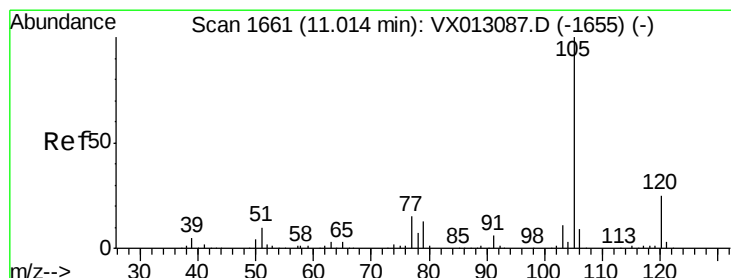
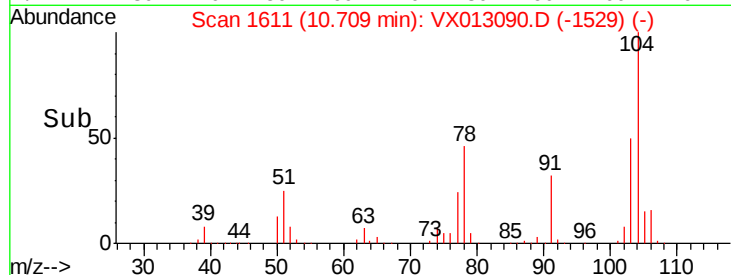
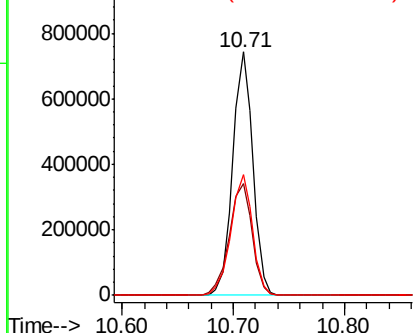
#69
Stvrene
Concen: 156.969 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013090.D
Acq: 16 Oct 2019 12:07

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:104 Resp: 928286
Ion Ratio Lower Upper
104 100
78 52.1 41.0 61.4
103 53.5 42.8 64.2

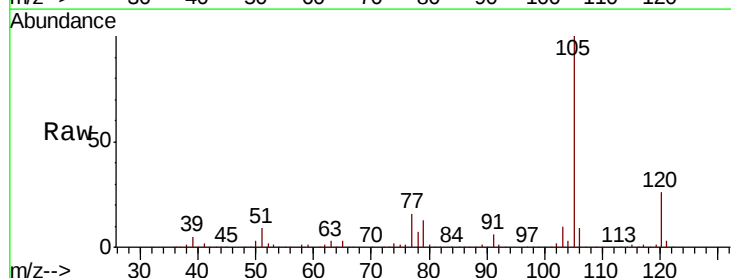


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

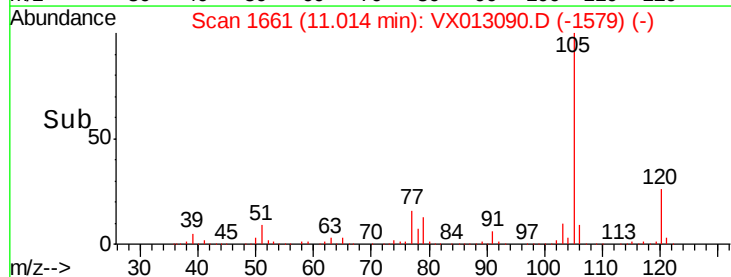
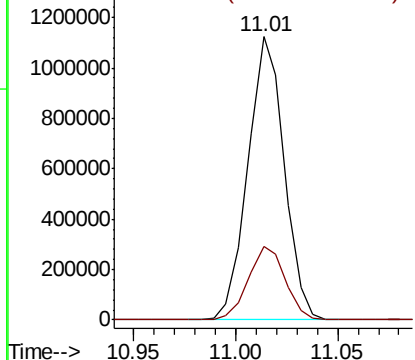


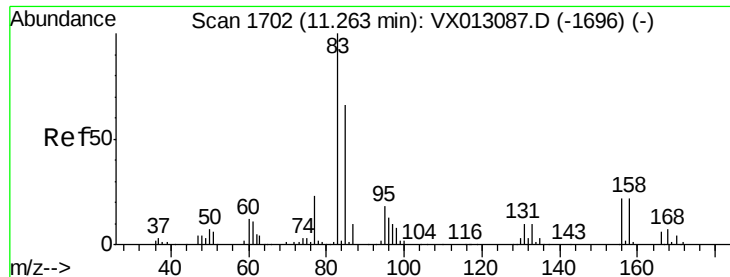
#70
Isopropylbenzene
Concen: 149.005 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013090.D
Acq: 16 Oct 2019 12:07

Tgt Ion:105 Resp: 1391282
Ion Ratio Lower Upper
105 100
120 26.3 17.9 33.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

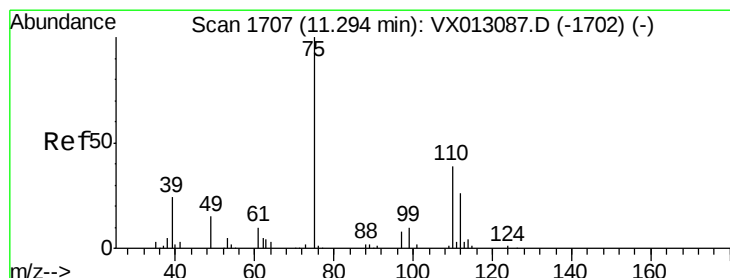
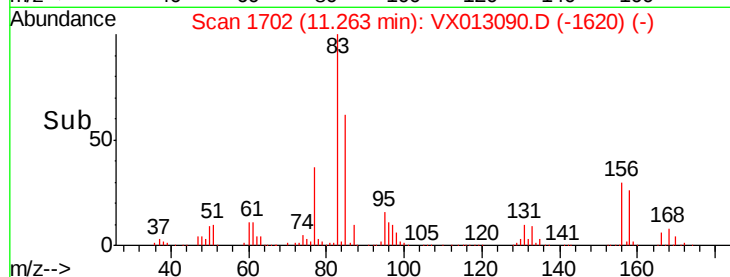
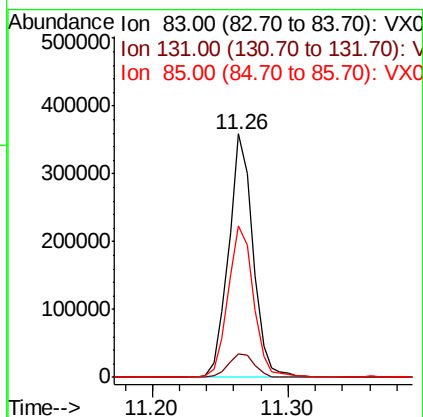
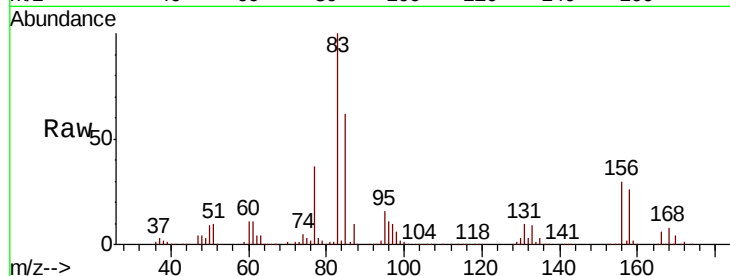




#71
 1,1,2,2-Tetrachloroethane
 Concen: 148.216 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: VX013090.D
 Acq: 16 Oct 2019 12:07

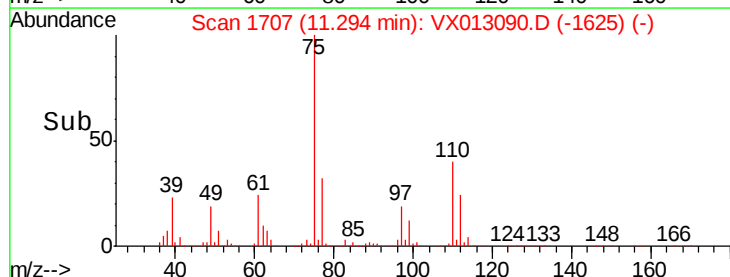
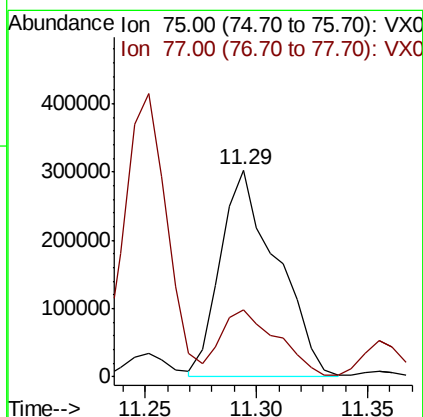
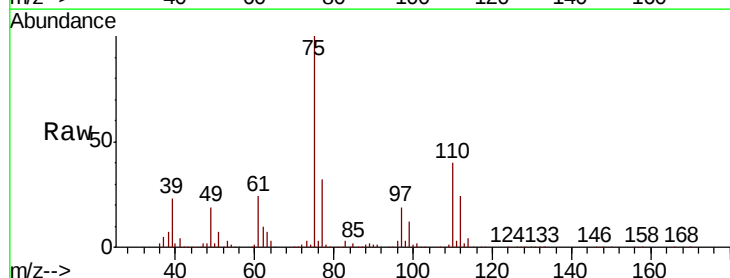
Instrument :
 MSVOA_X
 ClientSampleId :

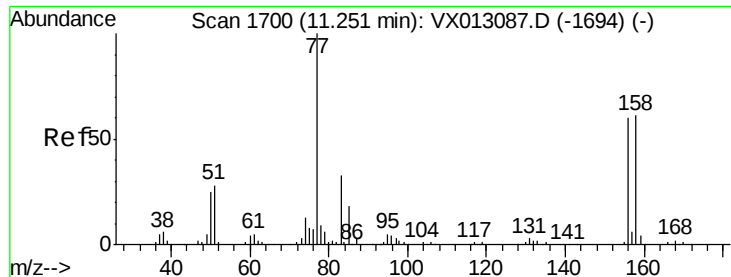
Tot Ion	83	Resp	447879
Ion	Ratio	Lower	Upper
83	100		
131	10.5	4.9	14.6
85	65.1	31.9	95.9



#72
 1,2,3-Trichloropropane
 Concen: 213.116 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX013090.D
 Acq: 16 Oct 2019 12:07

Tgt Ion	75	Resp	534281
Ion	Ratio	Lower	Upper
75	100		
77	30.7	0.0	87.8

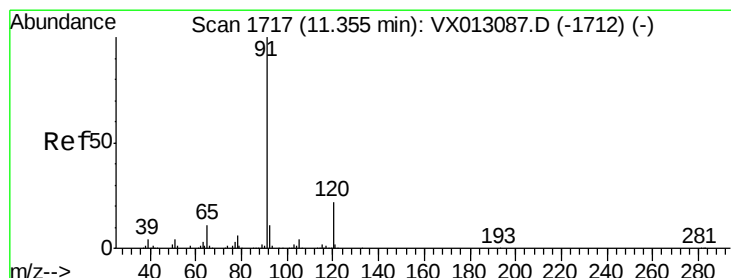
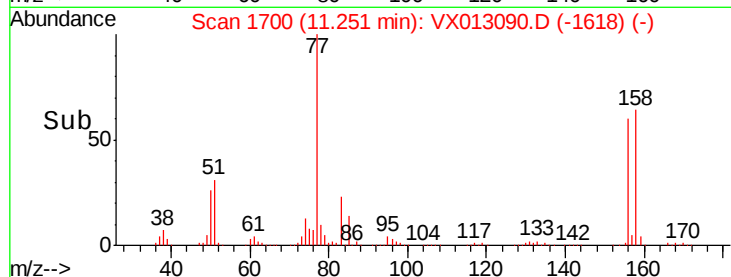
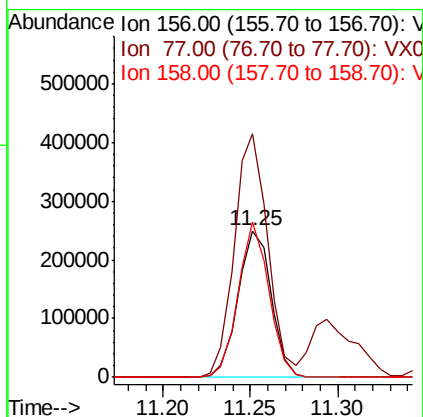
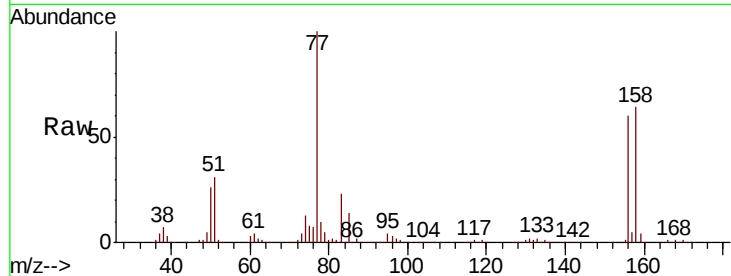




#73
Bromobenzene
Concen: 133.837 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX013090.D
Acq: 16 Oct 2019 12:07

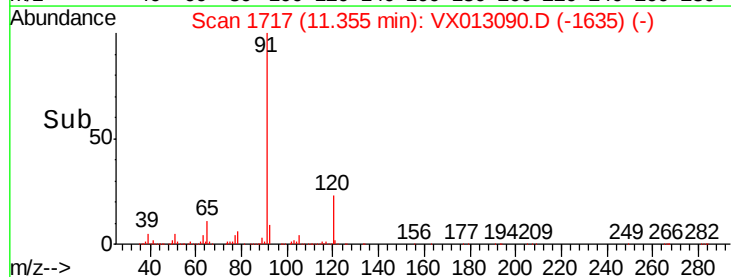
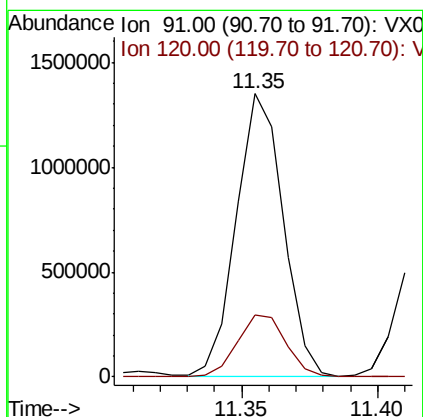
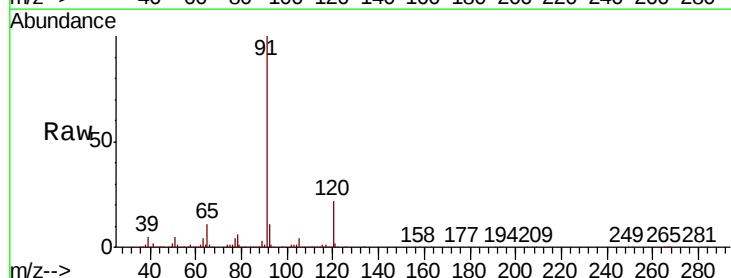
Instrument :
MSVOA_X
ClientSampleId :

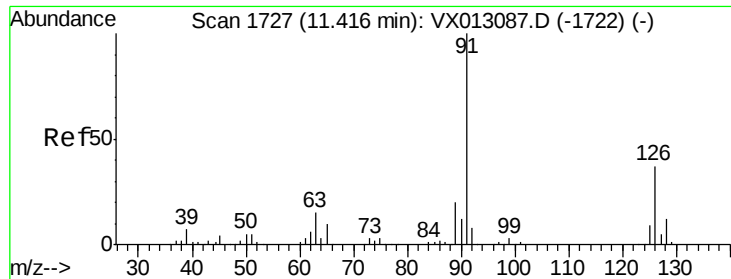
Tot Ion:156 Resp: 328395
Ion Ratio Lower Upper
156 100
77 167.6 0.0 344.0
158 98.6 0.0 195.6



#74
n-propylbenzene
Concen: 153.868 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX013090.D
Acq: 16 Oct 2019 12:07

Tgt Ion: 91 Resp: 1618169
Ion Ratio Lower Upper
91 100
120 22.8 0.0 45.0





#75

2-Chlorotoluene

Concen: 153.119 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013090.D

Acq: 16 Oct 2019 12:07

Instrument :

MSVOA_X

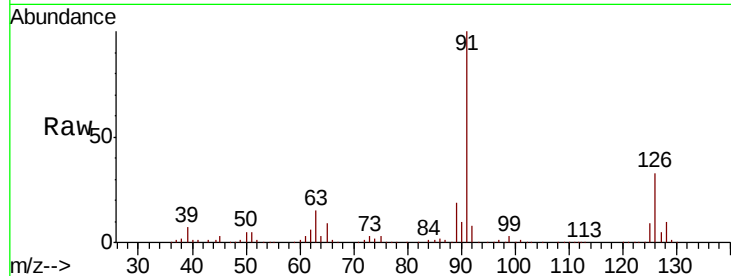
ClientSampleId :

Tot Ion: 91 Resp: 959865

Ion Ratio Lower Upper

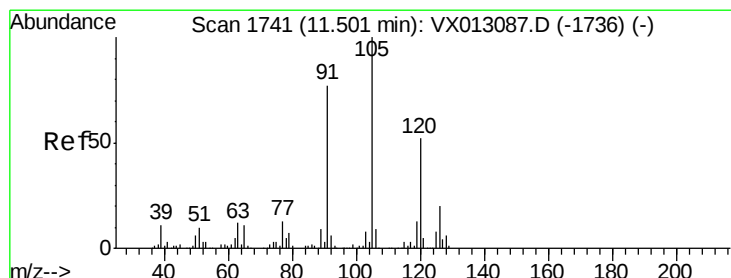
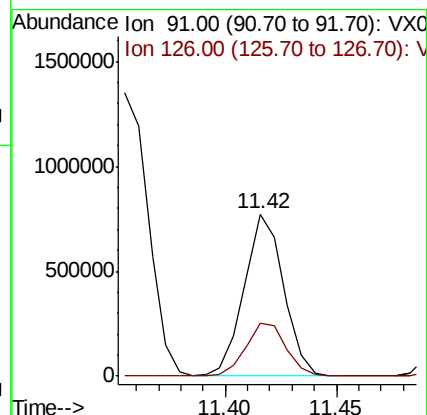
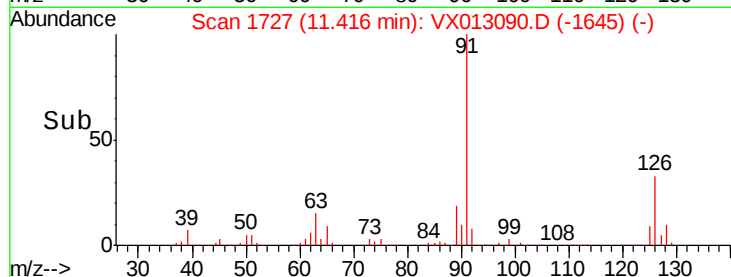
91 100

126 33.3 0.0 66.0



Abundance Ion 91.00 (90.70 to 91.70): VX013087.D (-1722) (-)

Ion 126.00 (125.70 to 126.70): VX013087.D (-1722) (-)



#76

1,3,5-Trimethylbenzene

Concen: 154.185 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013090.D

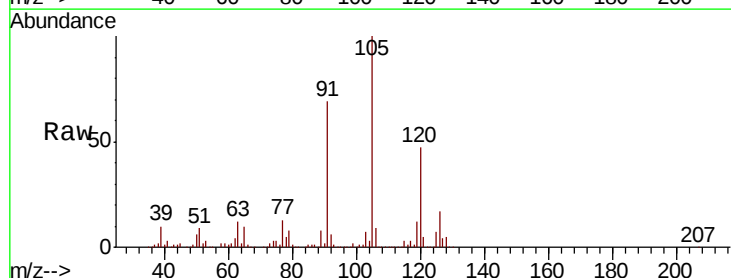
Acq: 16 Oct 2019 12:07

Tgt Ion:105 Resp: 1216389

Ion Ratio Lower Upper

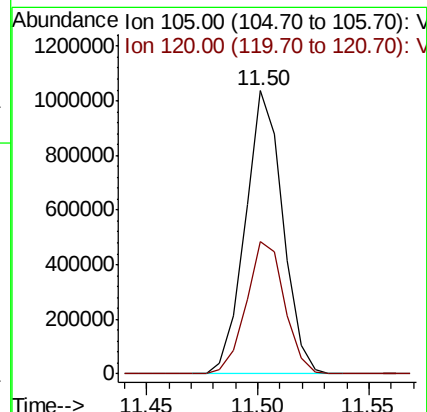
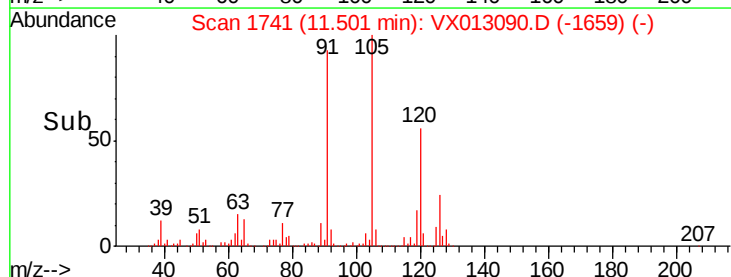
105 100

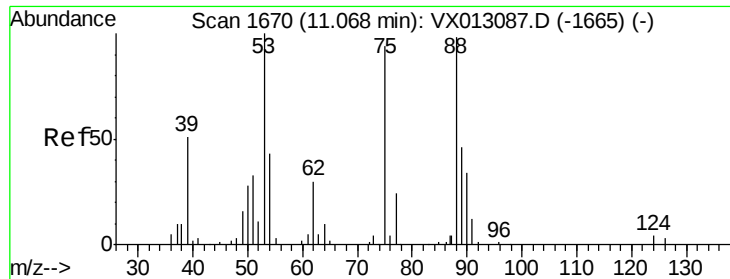
120 47.8 0.0 96.6



Abundance Ion 105.00 (104.70 to 105.70): VX013087.D (-1736) (-)

Ion 120.00 (119.70 to 120.70): VX013087.D (-1736) (-)

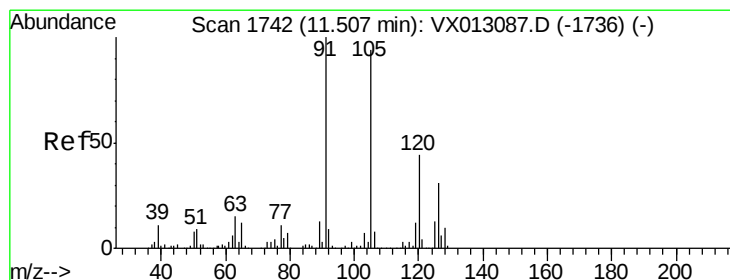
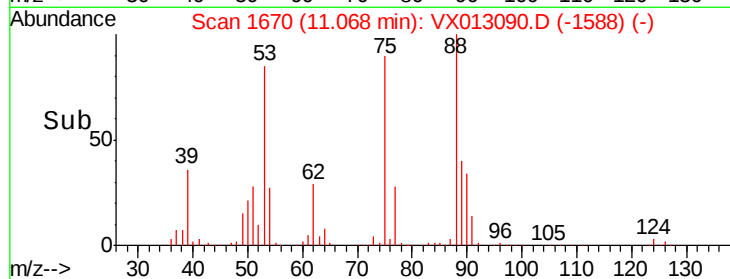
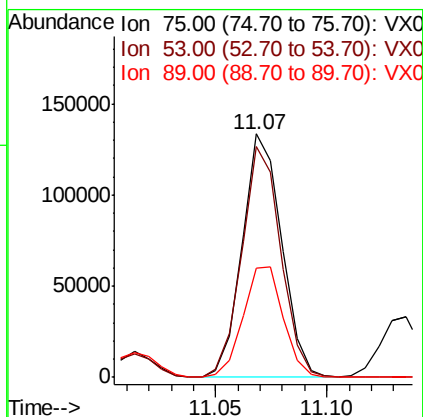
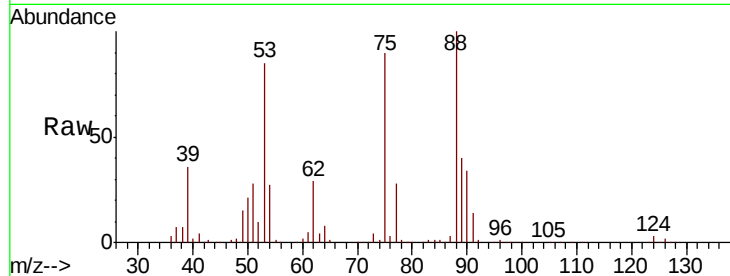




#77
t-1,4-Dichloro-2-butene
Concen: 191.826 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013090.D
Acq: 16 Oct 2019 12:07

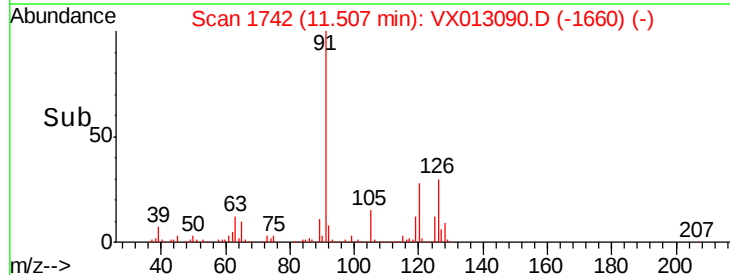
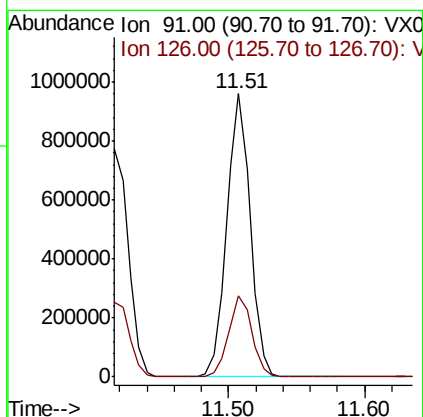
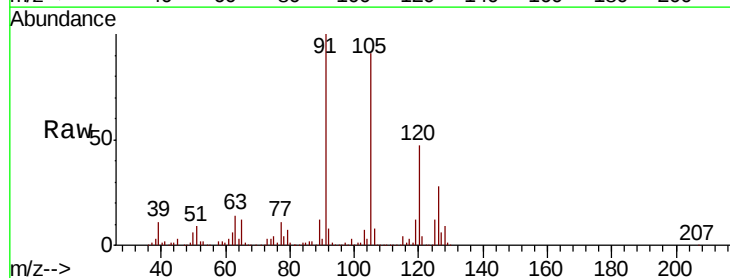
Instrument :
MSVOA_X
ClientSampleId :

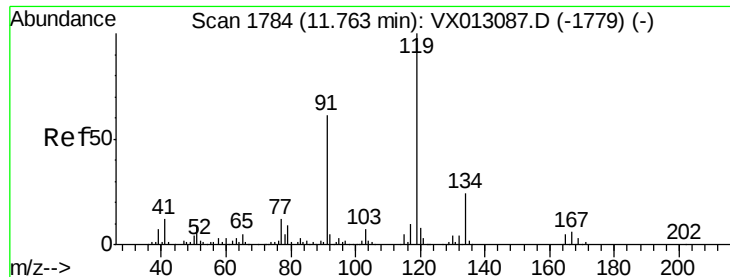
Tot Ion: 75 Resp: 165540
Ion Ratio Lower Upper
75 100
53 95.1 53.1 159.4
89 44.8 24.6 73.8



#78
4-Chlorotoluene
Concen: 158.253 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013090.D
Acq: 16 Oct 2019 12:07

Tgt Ion: 91 Resp: 1143165
Ion Ratio Lower Upper
91 100
126 28.4 0.0 57.0

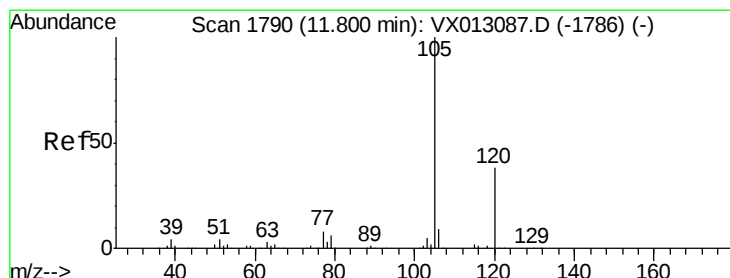
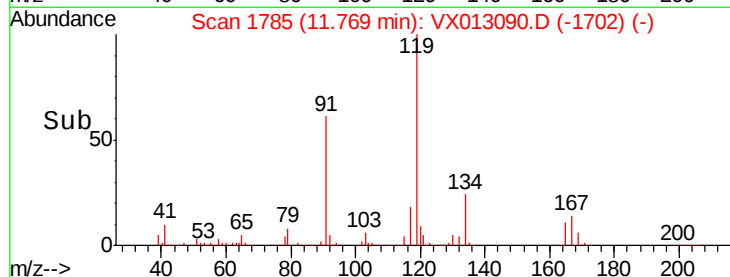
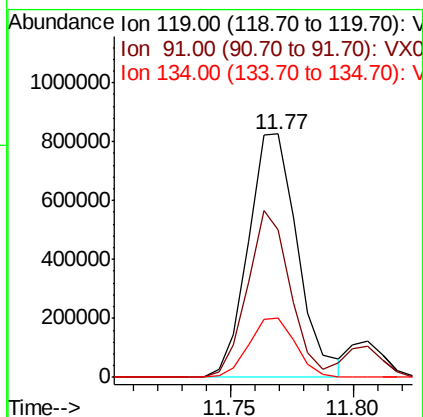
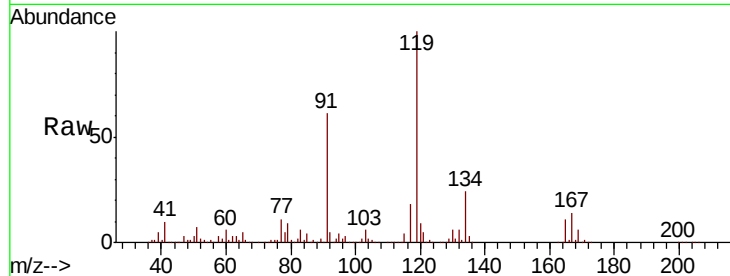




#79
tert-butylbenzene
Concen: 152.459 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.01 min
Lab File: VX013090.D
Acq: 16 Oct 2019 12:07

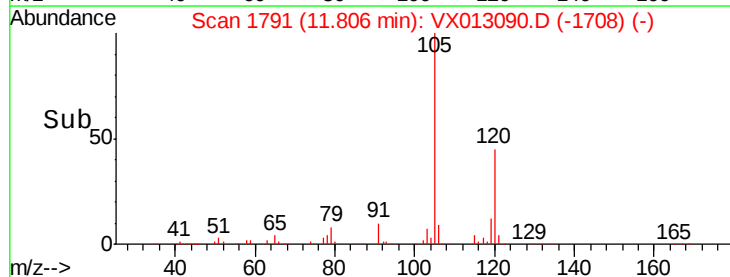
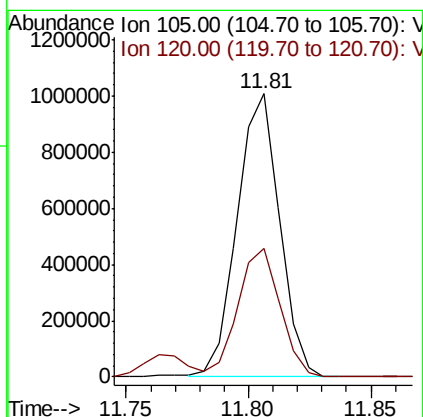
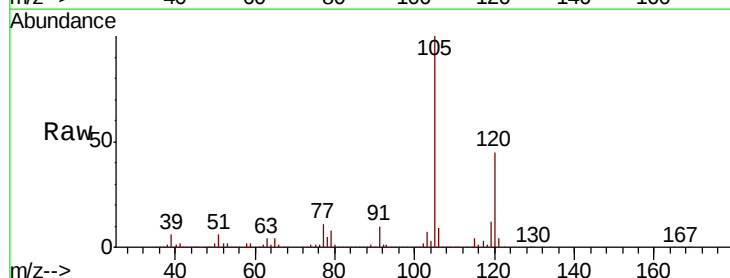
Instrument :
MSVOA_X
ClientSampleId :

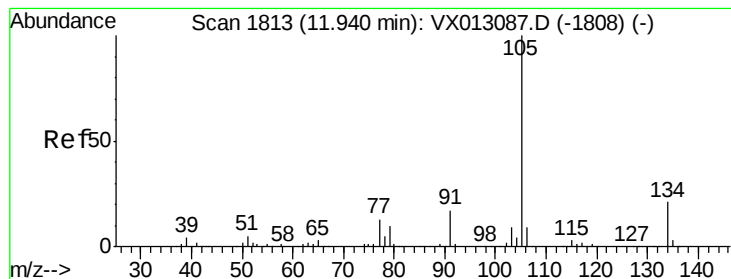
Tot Ion:119 Resp: 1163378
Ion Ratio Lower Upper
119 100
91 59.3 0.0 122.2
134 22.8 0.0 46.6



#80
1,2,4-Trimethylbenzene
Concen: 152.418 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX013090.D
Acq: 16 Oct 2019 12:07

Tgt Ion:105 Resp: 1212451
Ion Ratio Lower Upper
105 100
120 45.1 0.0 85.8





#81

sec-Butylbenzene

Concen: 154.836 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013090.D

Acq: 16 Oct 2019 12:07

Instrument :

MSVOA_X

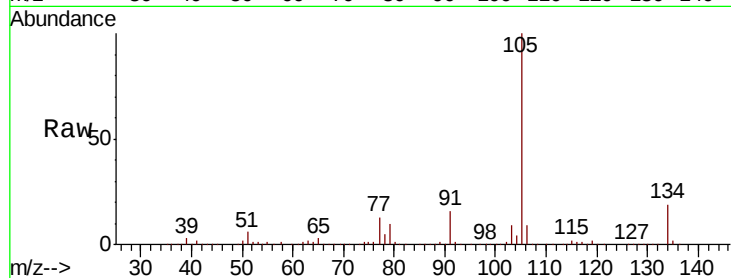
ClientSampleId :

Tot Ion:105 Resp: 1392569

Ion Ratio Lower Upper

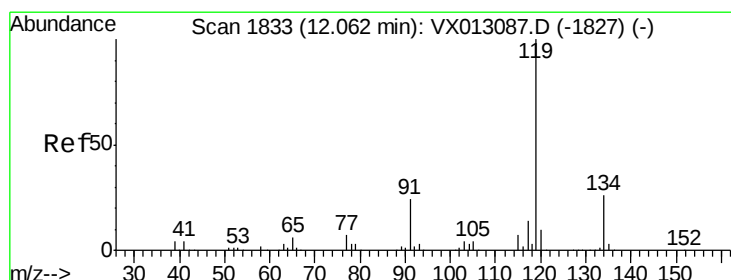
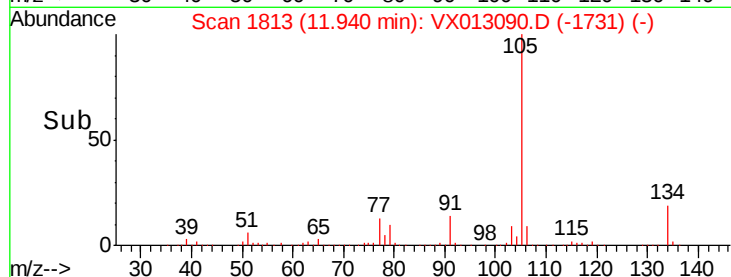
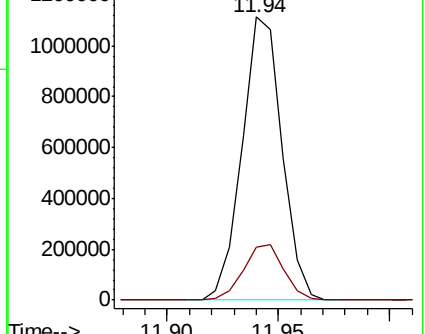
105 100

134 19.8 0.0 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 151.420 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013090.D

Acq: 16 Oct 2019 12:07

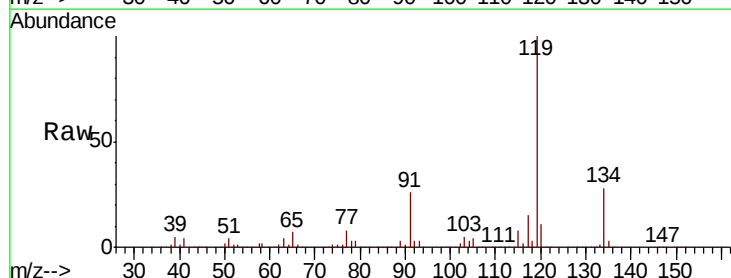
Tgt Ion:119 Resp: 1255571

Ion Ratio Lower Upper

119 100

134 26.2 0.0 52.0

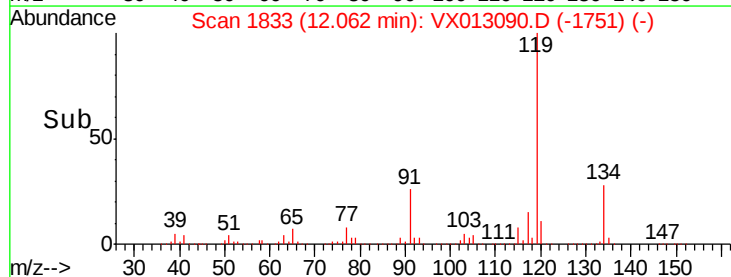
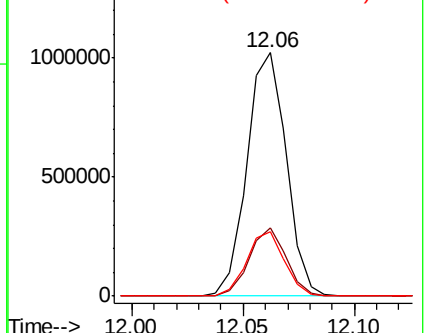
91 25.4 0.0 50.4

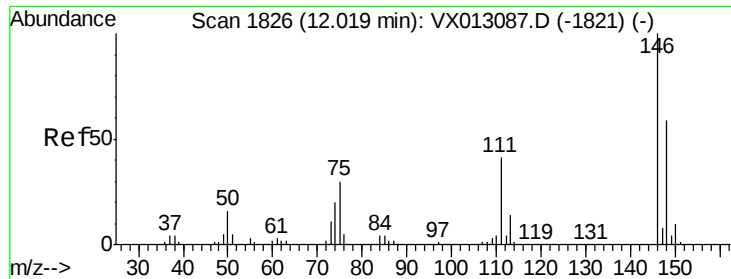


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#83

1,3-Dichlorobenzene

Concen: 141.455 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX013090.D

Acq: 16 Oct 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

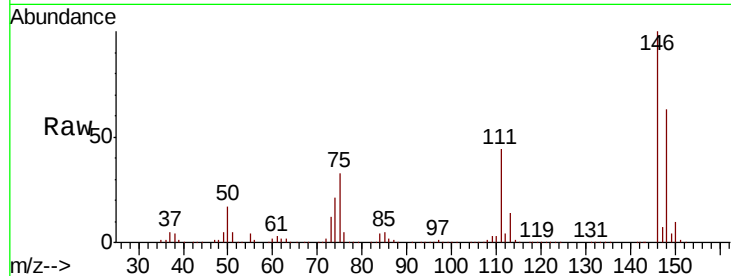
Tot Ion:146 Resp: 618882

Ion Ratio Lower Upper

146 100

111 43.2 21.3 63.9

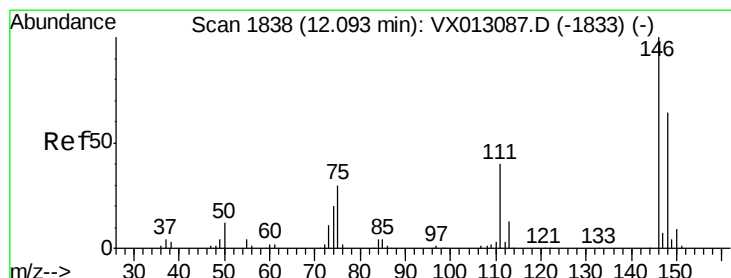
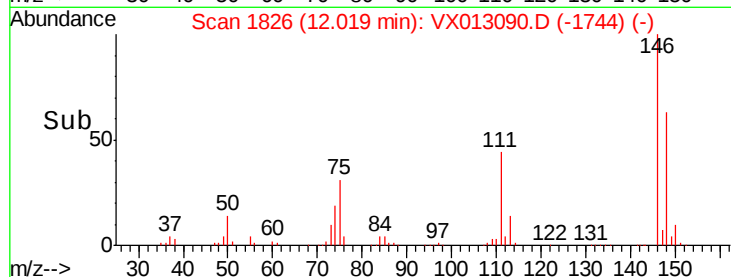
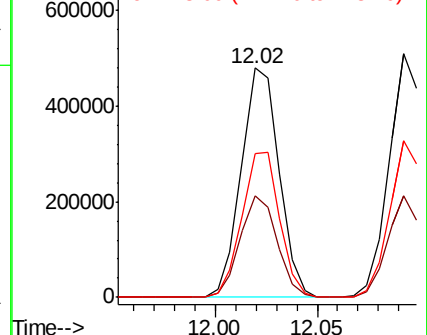
148 63.3 30.4 91.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 143.537 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX013090.D

Acq: 16 Oct 2019 12:07

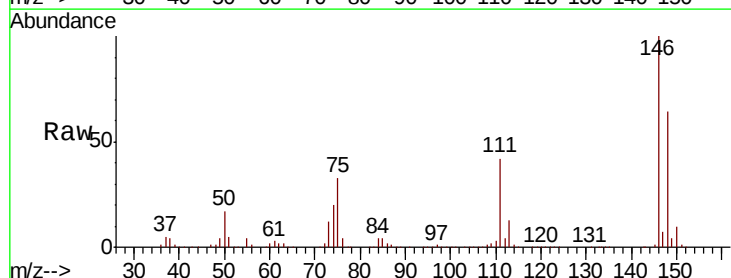
Tgt Ion:146 Resp: 621056

Ion Ratio Lower Upper

146 100

111 41.0 20.0 59.9

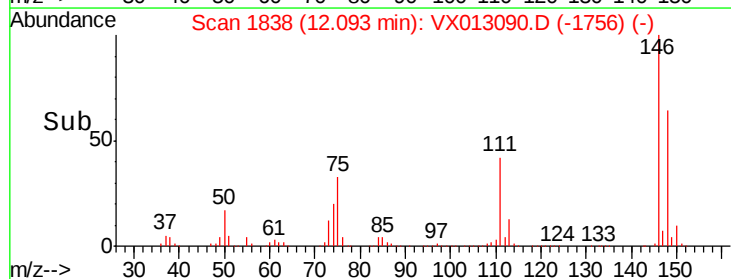
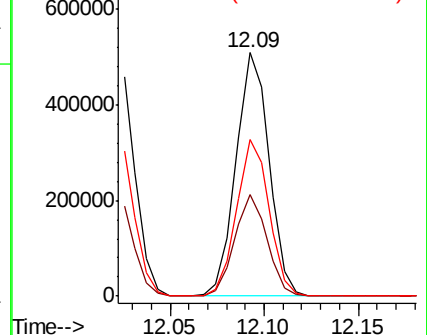
148 63.2 31.9 95.7

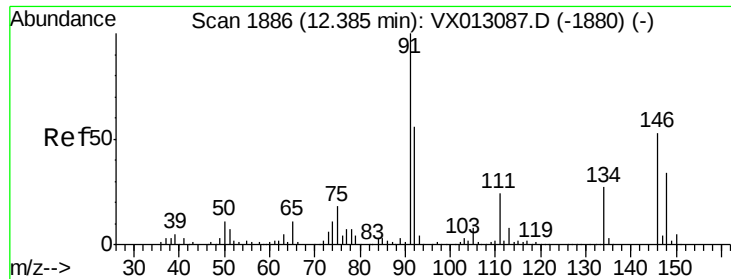


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

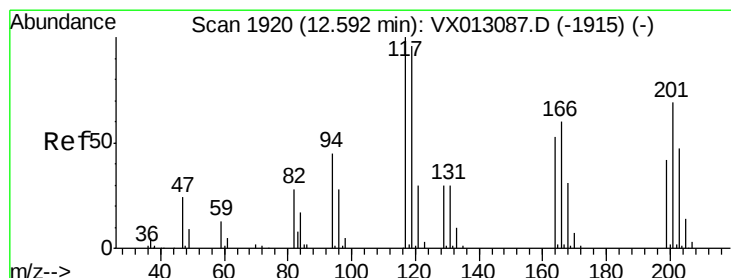
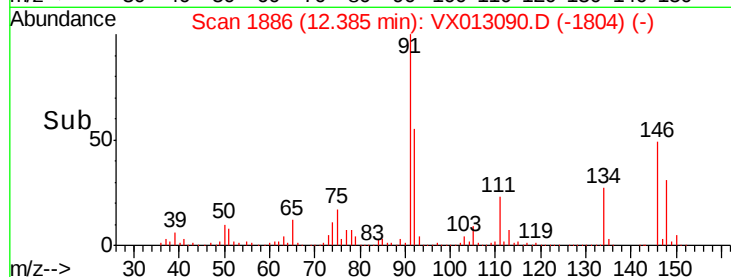
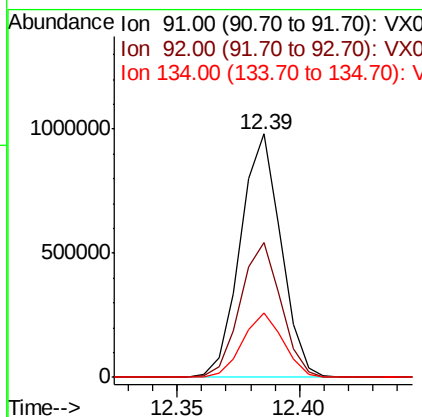
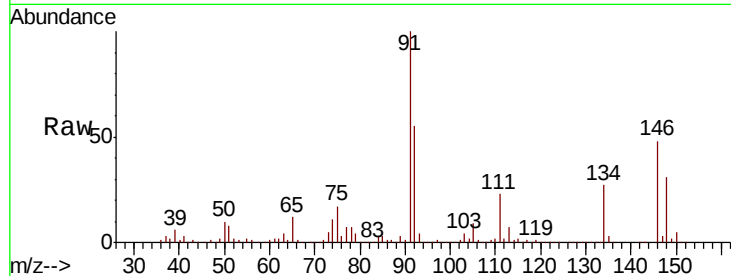




#85
n-Butylbenzene
Concen: 159.407 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013090.D
Acq: 16 Oct 2019 12:07

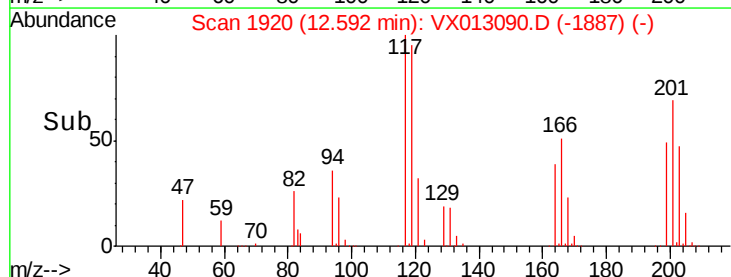
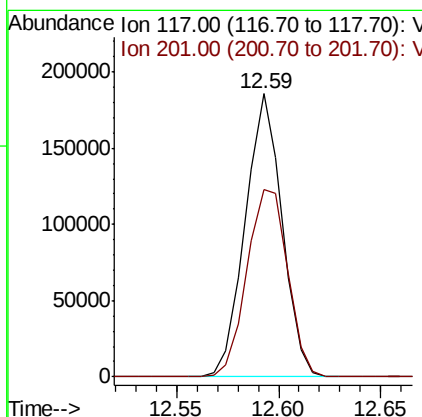
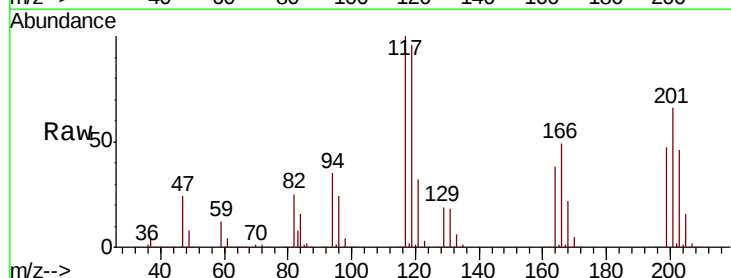
Instrument :
MSVOA_X
ClientSampleId :

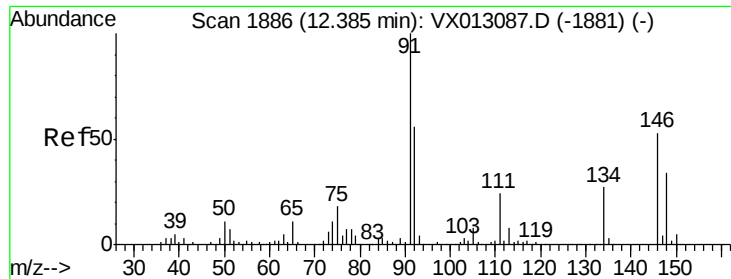
Tot Ion: 91 Resp: 1128734
Ion Ratio Lower Upper
91 100
92 55.4 0.0 109.4
134 26.3 0.0 51.6



#86
Hexachloroethane
Concen: 172.320 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013090.D
Acq: 16 Oct 2019 12:07

Tgt Ion: 117 Resp: 233064
Ion Ratio Lower Upper
117 100
201 73.5 34.2 102.5

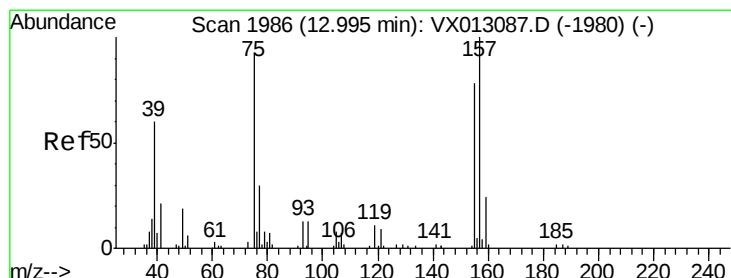
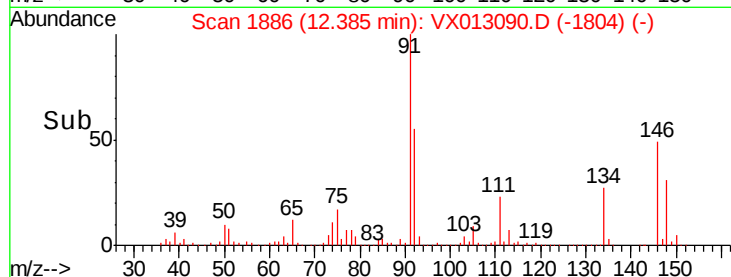
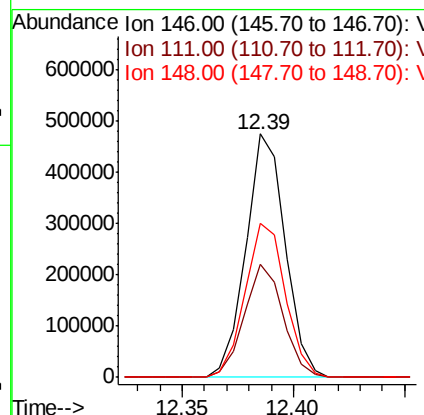
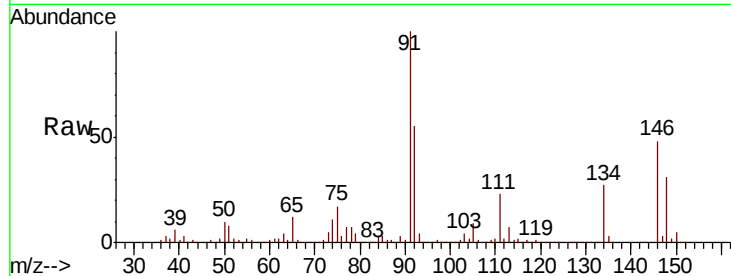




#87
 1,2-Dichlorobenzene
 Concen: 138.680 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013090.D
 Acq: 16 Oct 2019 12:07

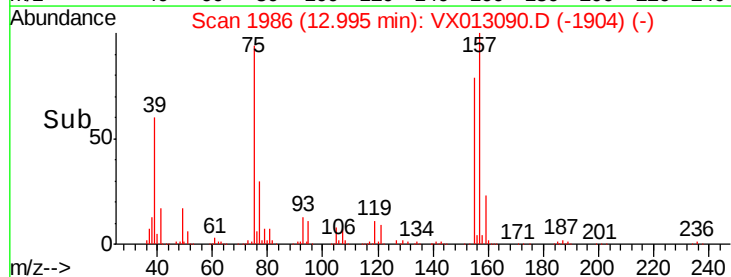
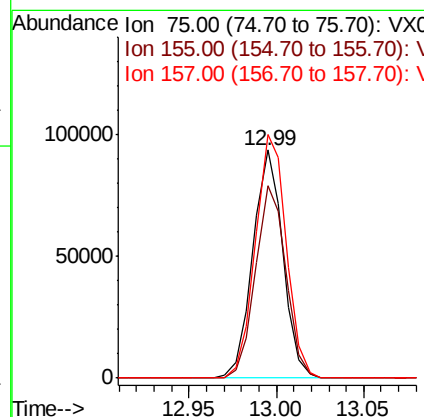
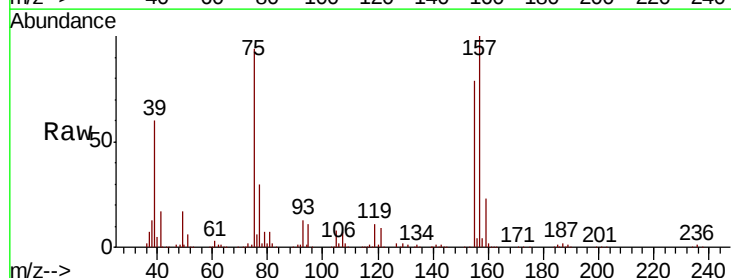
Instrument :
 MSVOA_X
 ClientSampleId :

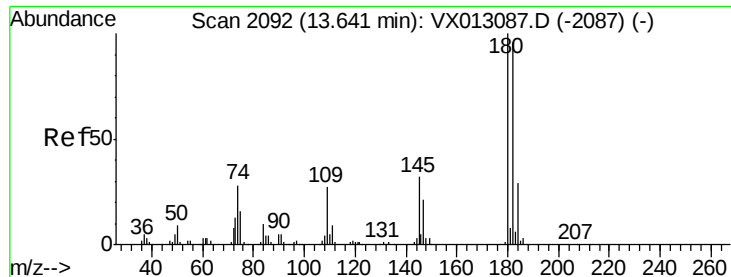
Tot Ion:146 Resp: 588269
 Ion Ratio Lower Upper
 146 100
 111 45.8 22.3 66.9
 148 65.0 32.7 98.1



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 167.749 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013090.D
 Acq: 16 Oct 2019 12:07

Tgt Ion: 75 Resp: 112020
 Ion Ratio Lower Upper
 75 100
 155 86.2 68.4 102.6
 157 110.5 85.6 128.4

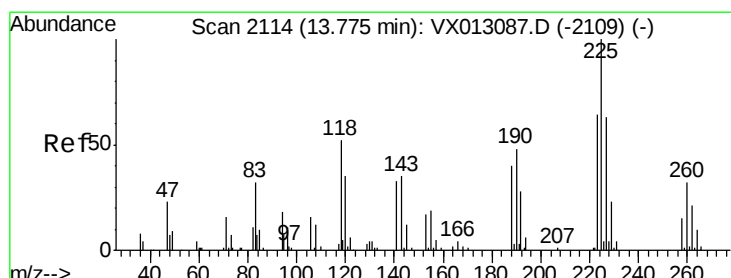
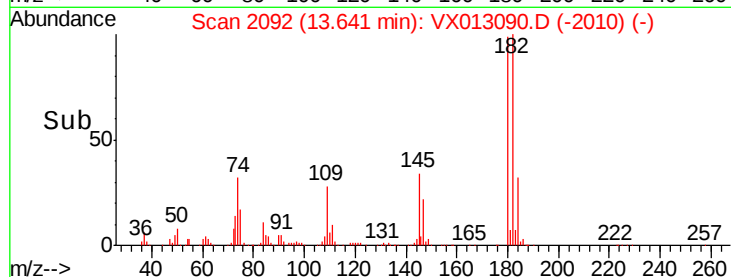
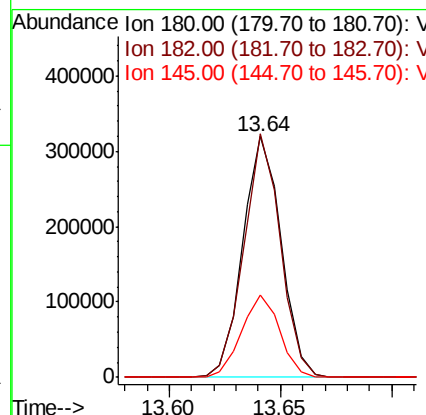
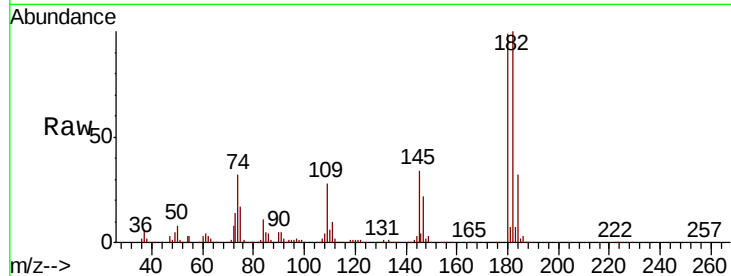




#89
1,2,4-Trichlorobenzene
Concen: 132.591 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX013090.D
Acq: 16 Oct 2019 12:07

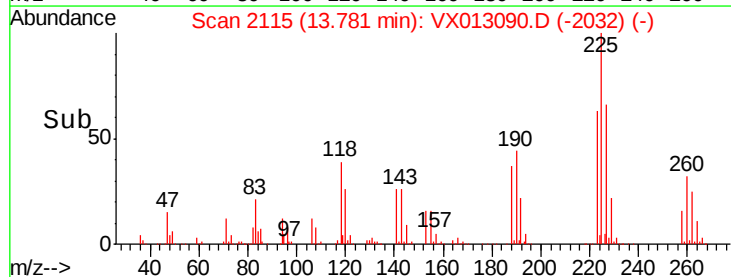
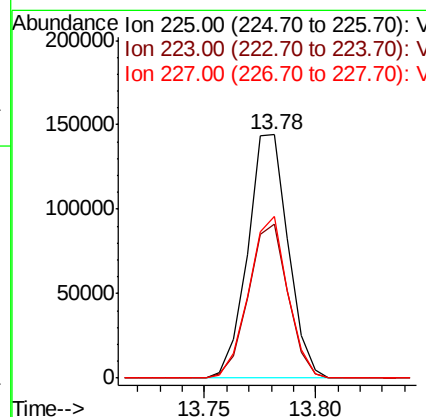
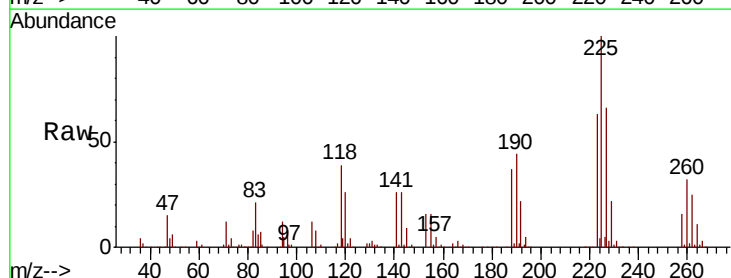
Instrument :
MSVOA_X
ClientSampleId :

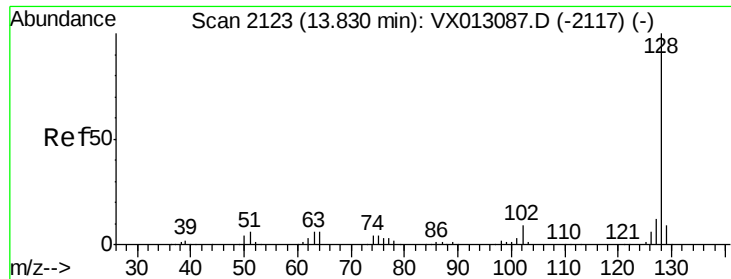
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	74.8	112.2
145	33.9	26.2	39.2



#90
Hexachlorobutadiene
Concen: 132.667 ug/l
RT: 13.78 min Scan# 2115
Delta R.T. 0.01 min
Lab File: VX013090.D
Acq: 16 Oct 2019 12:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	0.0	132.2
227	63.6	0.0	124.2

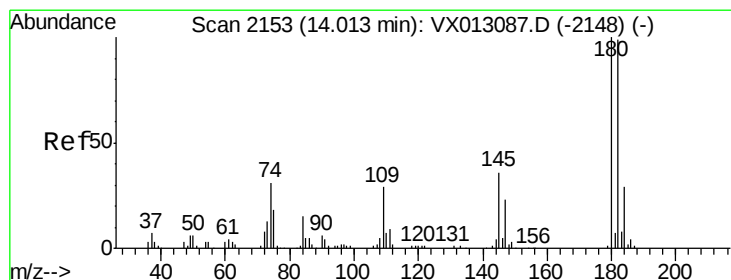
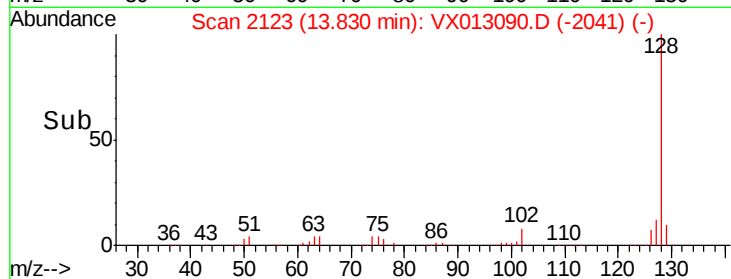
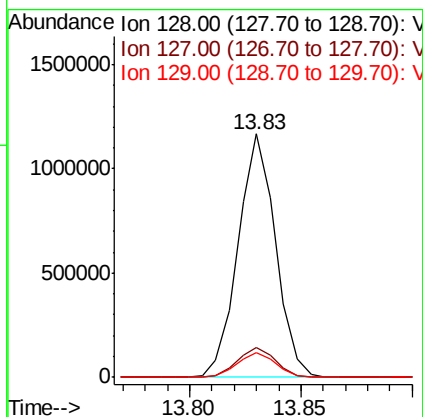
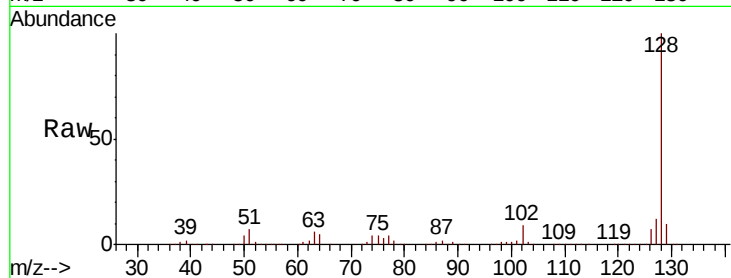




#91
Naphthalene
Concen: 152.393 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013090.D
Acq: 16 Oct 2019 12:07

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:128 Resp: 1363997
Ion Ratio Lower Upper
128 100
127 12.5 10.0 15.0
129 10.4 8.0 12.0



#92
1,2,3-Trichlorobenzene
Concen: 131.897 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013090.D
Acq: 16 Oct 2019 12:07

Tgt Ion:180 Resp: 380870
Ion Ratio Lower Upper
180 100
182 96.1 0.0 195.2
145 35.4 0.0 69.8

