

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101619\
 Data File : VX013086.D
 Acq On : 16 Oct 2019 10:34
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 17 02:20:31 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	33221	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	184529	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	166058	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	74852	32.31	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	107.70%
60) 4-Bromofluorobenzene	11.13	95	84160	30.23	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.77%
63) Toluene-d8	8.71	98	229027	31.09	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.63%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	10469	4.817 ug/l	97
3) Chloromethane	1.32	50	10812	5.556 ug/l	96
4) Vinyl Chloride	1.40	62	10567	5.264 ug/l	98
5) Bromomethane	1.63	94	5176	4.748 ug/l	94
6) Chloroethane	1.71	64	6975	5.710 ug/l	96
7) Trichlorofluoromethane	1.92	101	15988	4.872 ug/l	94
8) Diethyl Ether	2.18	74	5684	5.128 ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	10497	5.657 ug/l	98
10) 1,1-Dichloroethene	2.36	96	9755	5.245 ug/l	93
11) Methyl Iodide	2.50	142	8936	3.629 ug/l	98
12) Methyl Acetate	2.76	43	13425	5.164 ug/l	100
13) Acrolein	2.28	56	8126	25.140 ug/l	98
14) Acrylonitrile	3.13	53	27054	26.165 ug/l	98
15) Acetone	2.43	58	8606	27.167 ug/l	96
16) Carbon Disulfide	2.56	76	25636	5.289 ug/l	99
17) Allyl chloride	2.72	41	15871	5.659 ug/l	95
18) Methylene Chloride	2.84	84	11565	5.536 ug/l	92
19) trans-1,2-Dichloroethene	3.16	96	10333	5.233 ug/l	92
20) Diisopropyl ether	3.84	45	31191	5.351 ug/l	94
21) 1,1-Dichloroethane	3.69	63	17749	5.306 ug/l	96
22) cis-1,2-Dichloroethene	4.58	96	12527	5.517 ug/l	93
23) tert-Butyl Alcohol	3.03	59	14986	27.820 ug/l	# 100
24) Methyl tert-Butyl Ether	3.18	73	32192	5.283 ug/l	99
25) Chloroform	5.19	83	19068	5.255 ug/l	97
26) Cyclohexane	5.57	56	16977	5.578 ug/l	# 99
29) 1,1-Dichloropropene	5.79	75	14148	5.391 ug/l	98
30) 2-Butanone	4.66	43	38235	26.177 ug/l	99
31) 2,2-Dichloropropane	4.57	77	15747	6.377 ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	16039	5.061 ug/l	# 78
33) Carbon Tetrachloride	5.78	117	13277	4.807 ug/l	96
34) Benzene	6.13	78	41351	5.230 ug/l	97
35) Methacrylonitrile	5.03	41	7774	5.189 ug/l	81
36) 1,2-Dichloroethane	6.18	62	15581	5.473 ug/l	# 91
37) Trichloroethene	7.20	130	11106	4.891 ug/l	97
38) Methylcyclohexane	7.45	83	16723	5.086 ug/l	97
39) 1,2-Dichloropropane	7.50	63	10531	5.308 ug/l	96
40) Dibromomethane	7.65	93	6907	4.841 ug/l	97

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 Data File : VX013086.D
 Acq On : 16 Oct 2019 10:34
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 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 17 02:20:31 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)

41) Bromodichloromethane	7.89	83	13054	4.890	ug/l #	94
42) Vinyl Acetate	3.80	43	126804	26.436	ug/l	100
43) Ethyl Acetate	4.83	43	14979	5.480	ug/l	100
44) Isopropyl Acetate	6.44	43	21752	4.840	ug/l	97
45) 1,4-Dioxane	7.73	88	5176	91.380	ug/l #	88
46) Methyl methacrylate	7.76	41	10918	5.035	ug/l	84
47) n-amyl Acetate	10.89	43	17458	4.429	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	13560	4.790	ug/l	96
49) cis-1,3-Dichloropropene	8.43	75	15517	5.012	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	10843	5.157	ug/l	96
51) Ethyl methacrylate	9.17	69	14947	4.574	ug/l	96
52) 1,3-Dichloropropane	9.36	76	17654	5.161	ug/l	98
53) Dibromochloromethane	9.57	129	9608	4.241	ug/l	100
54) 1,2-Dibromoethane	9.67	107	11042	4.824	ug/l	97
55) 2-Chloroethyl vinyl ether	8.30	63	31703	22.660	ug/l	99
56) Bromoform	10.85	173	5952	3.560	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	70087	24.601	ug/l	99
59) 2-Hexanone	9.48	43	51908	23.674	ug/l	99
61) Tetrachloroethene	9.33	164	10650	4.862	ug/l	94
62) Toluene	8.78	91	44408	5.014	ug/l	100
64) Chlorobenzene	10.14	112	28167	4.969	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.21	131	9783	4.719	ug/l	98
66) Ethyl Benzene	10.25	91	49348	4.951	ug/l	96
67) m/p-Xylenes	10.36	106	36684	9.663	ug/l	94
68) o-Xylene	10.70	106	18130	4.867	ug/l	100
69) Styrene	10.71	104	29565	4.704	ug/l	100
70) Isopropylbenzene	11.01	105	48844	4.922	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	15658	4.876	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	17940	6.733	ug/l	79
73) Bromobenzene	11.25	156	12161	4.663	ug/l	97
74) n-propylbenzene	11.35	91	51103	4.572	ug/l	98
75) 2-Chlorotoluene	11.42	91	32964	4.948	ug/l	98
76) 1,3,5-Trimethylbenzene	11.50	105	39892	4.758	ug/l	96
77) t-1,4-Dichloro-2-butene	11.07	75	3947	4.304	ug/l	91
78) 4-Chlorotoluene	11.51	91	37103	4.833	ug/l	98
79) tert-butylbenzene	11.76	119	36458	4.496	ug/l	96
80) 1,2,4-Trimethylbenzene	11.80	105	38807	4.590	ug/l	95
81) sec-Butylbenzene	11.94	105	45442	4.754	ug/l	100
82) p-Isopropyltoluene	12.06	119	39795	4.516	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	19958	4.292	ug/l	93
84) 1,4-Dichlorobenzene	12.09	146	20684	4.498	ug/l	98
85) n-Butylbenzene	12.39	91	33092	4.397	ug/l	99
86) Hexachloroethane	12.59	117	6383	4.441	ug/l	98
87) 1,2-Dichlorobenzene	12.39	146	21167	4.695	ug/l	96
88) 1,2-Dibromo-3-Chloropropan	12.99	75	3117	4.392	ug/l	96
89) 1,2,4-Trichlorobenzene	13.64	180	12231	3.977	ug/l	99
90) Hexachlorobutadiene	13.78	225	6144	4.181	ug/l	96
91) Naphthalene	13.83	128	37542	3.947	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	12296	4.007	ug/l	98

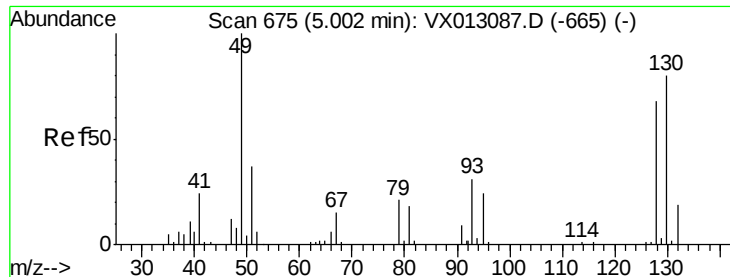
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101619\
Data File : VX013086.D
Acq On : 16 Oct 2019 10:34
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 17 02:20:31 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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 675

Delta R.T. 0.00 min

Lab File: VX013086.D

Acq: 16 Oct 2019 10:34

Instrument :
MSVOA_X
ClientSampleId :

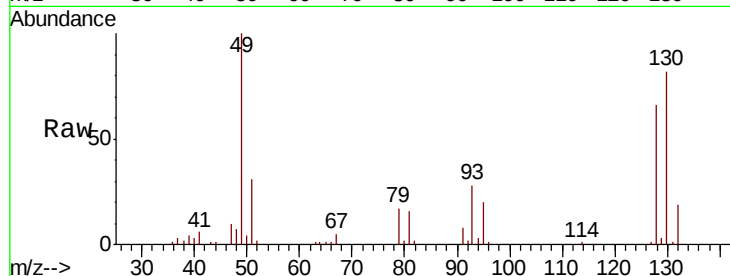
Tot Ion:128 Resp: 33221

Ion Ratio Lower Upper

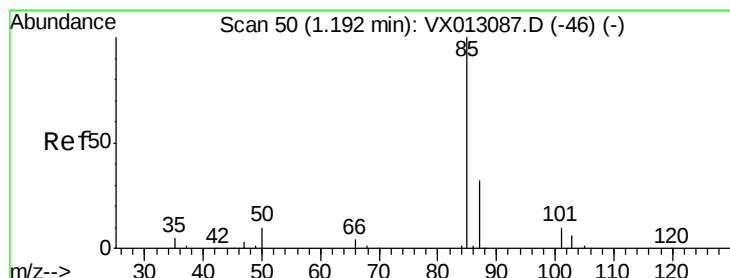
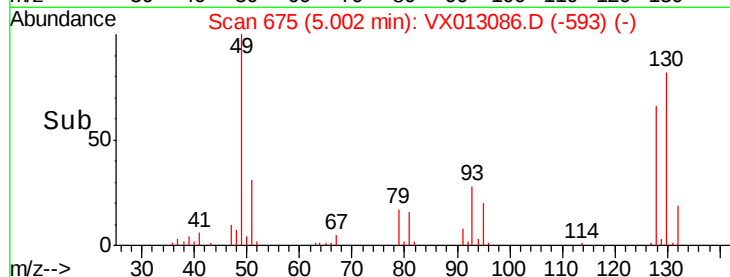
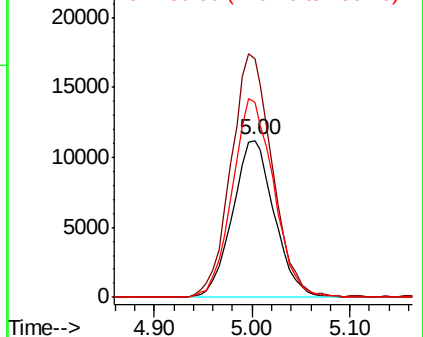
128 100

49 152.6 0.0 382.3

130 125.8 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



#2

Dichlorodifluoromethane

Concen: 4.817 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX013086.D

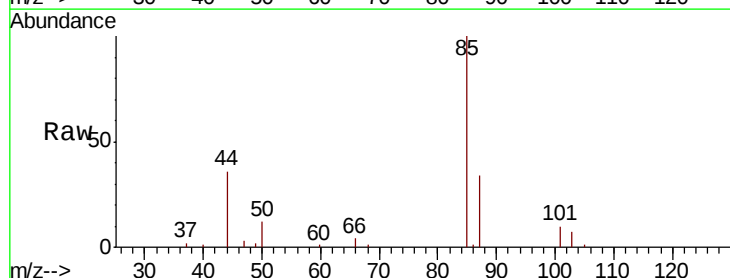
Acq: 16 Oct 2019 10:34

Tgt Ion: 85 Resp: 10469

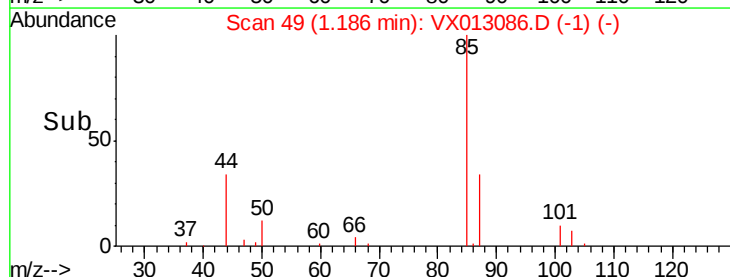
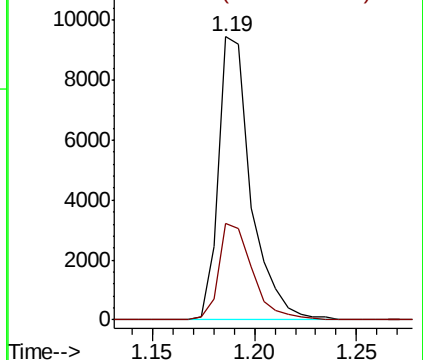
Ion Ratio Lower Upper

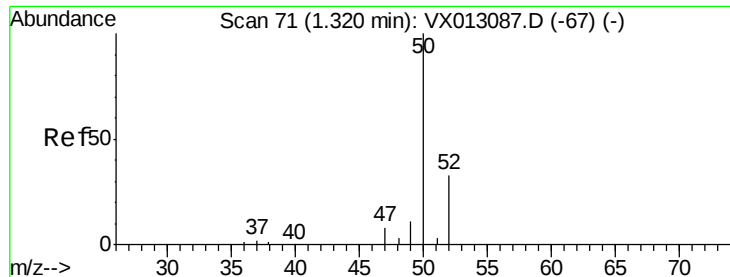
85 100

87 33.9 16.2 48.5



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

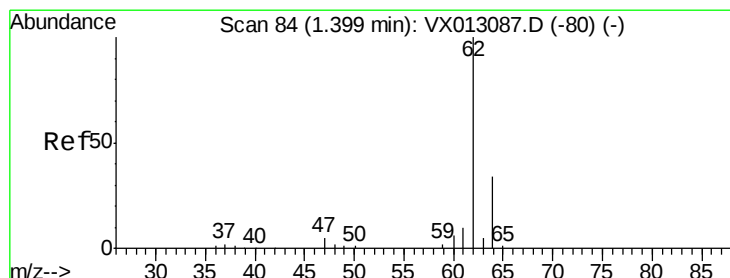
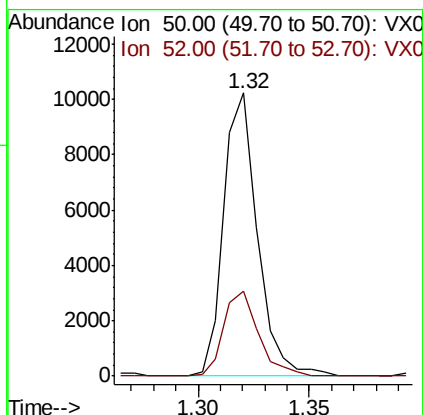
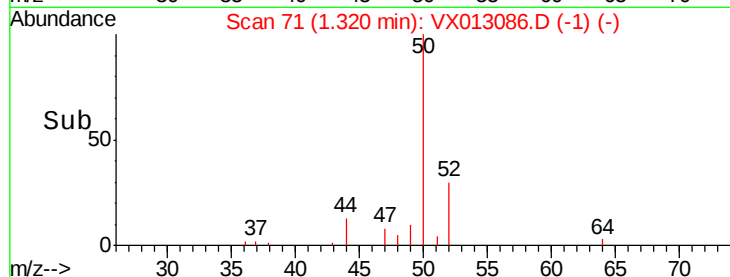
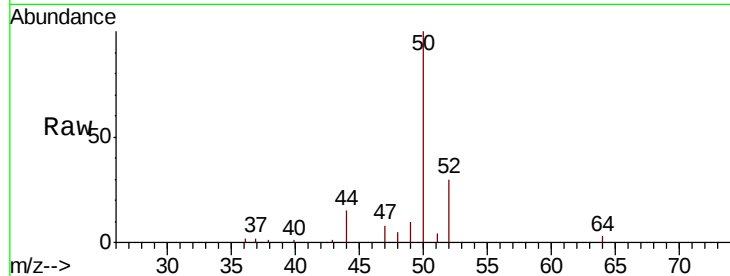




#3
Chloromethane
Concen: 5.556 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX013086.D
Acq: 16 Oct 2019 10:34

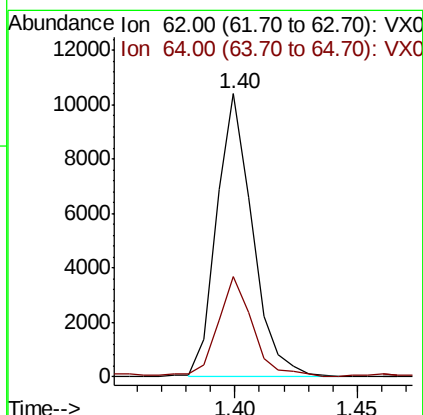
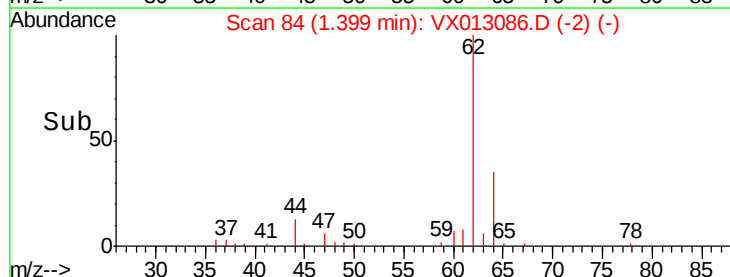
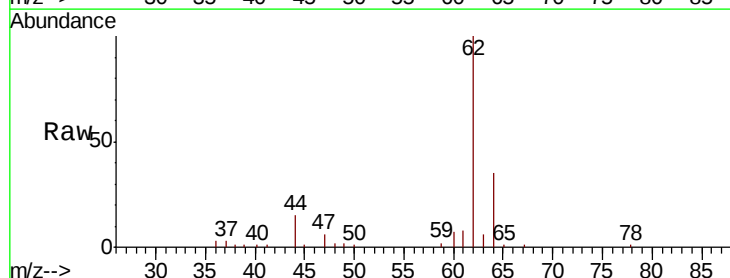
Instrument :
MSVOA_X
ClientSampleId :

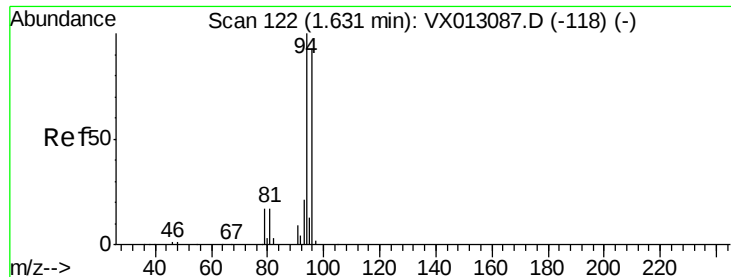
Tot Ion: 50 Resp: 10812
Ion Ratio Lower Upper
50 100
52 30.1 26.0 39.0



#4
Vinyl Chloride
Concen: 5.264 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX013086.D
Acq: 16 Oct 2019 10:34

Tgt Ion: 62 Resp: 10567
Ion Ratio Lower Upper
62 100
64 35.4 27.4 41.0





#5

Bromomethane

Concen: 4.748 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013086.D

Acq: 16 Oct 2019 10:34

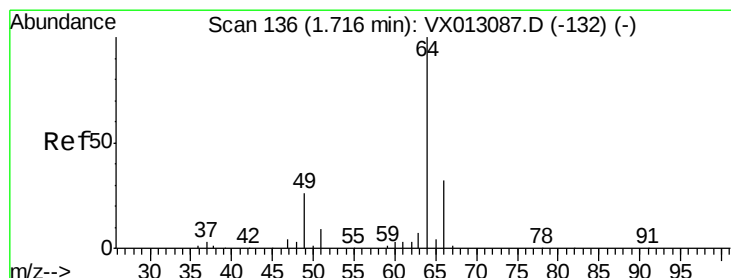
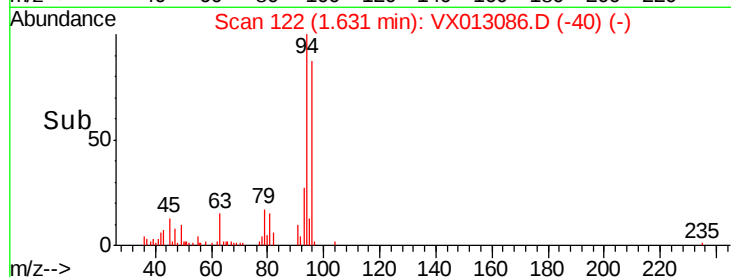
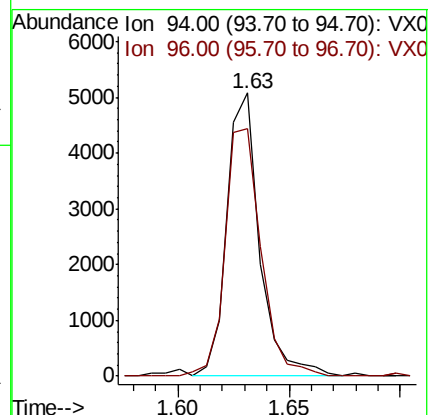
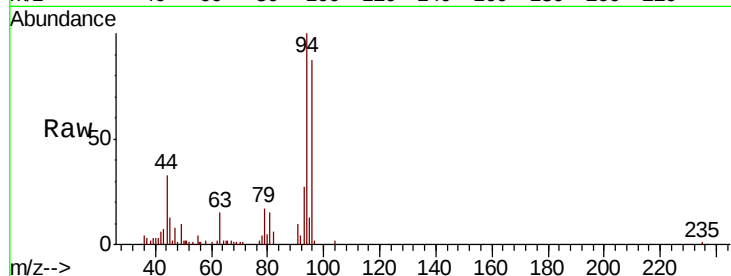
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 5176

Ion Ratio Lower Upper

94 100

96 87.5 74.2 111.4



#6

Chloroethane

Concen: 5.710 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.01 min

Lab File: VX013086.D

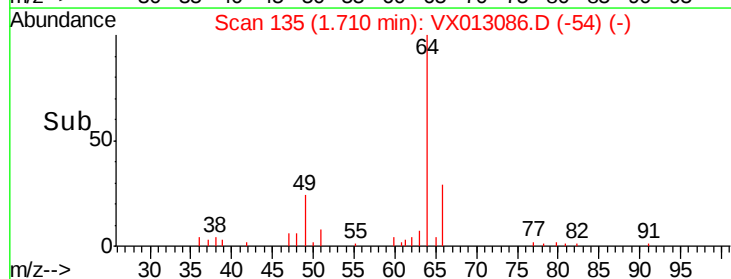
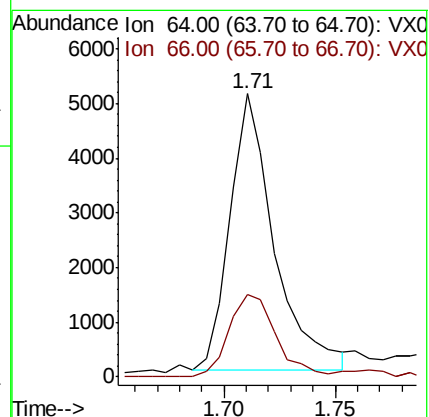
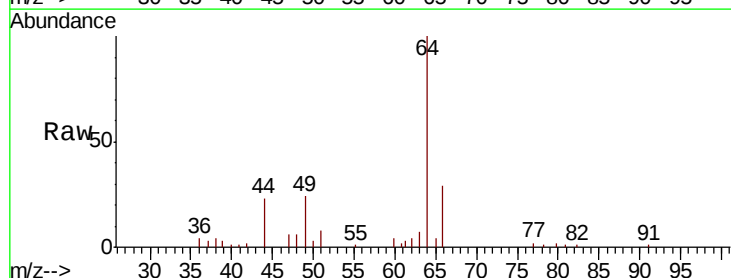
Acq: 16 Oct 2019 10:34

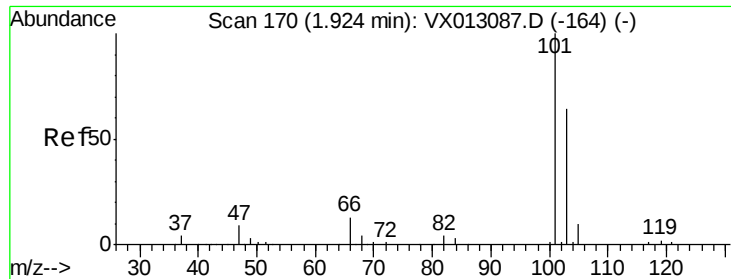
Tgt Ion: 64 Resp: 6975

Ion Ratio Lower Upper

64 100

66 29.7 25.6 38.4



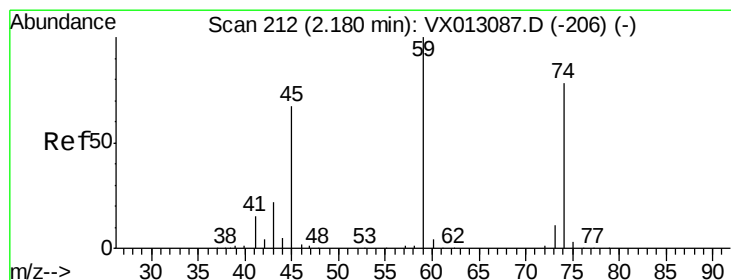
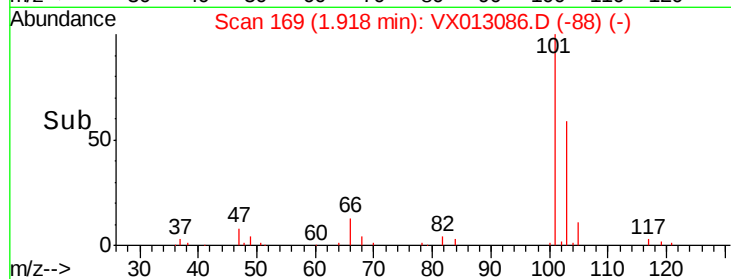
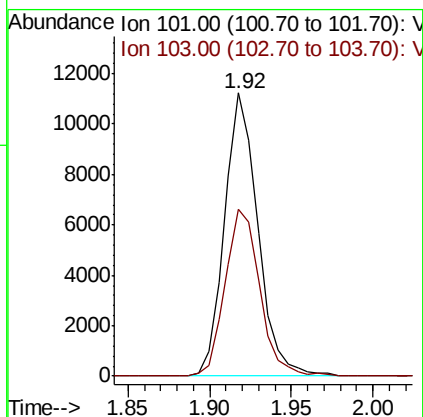
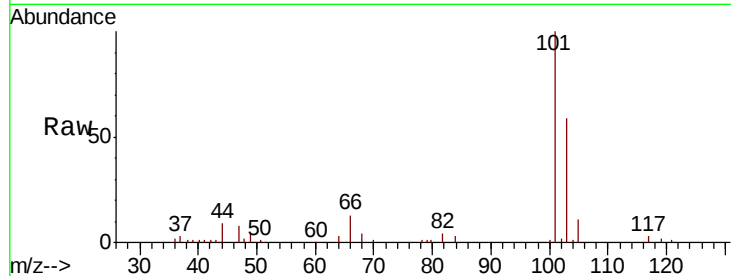


#7

Trichlorofluoromethane
 Concen: 4.872 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX013086.D
 Acq: 16 Oct 2019 10:34

Instrument :
 MSVOA_X
 ClientSampleId :

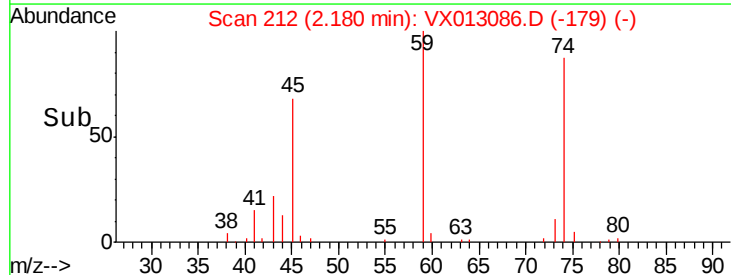
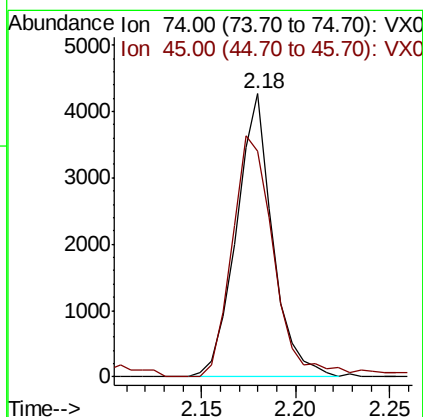
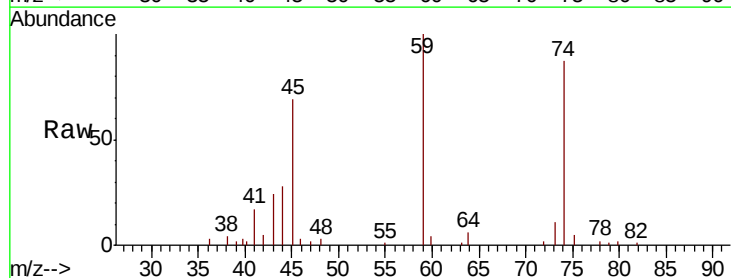
Tot Ion:101 Resp: 15988
 Ion Ratio Lower Upper
 101 100
 103 58.9 50.9 76.3

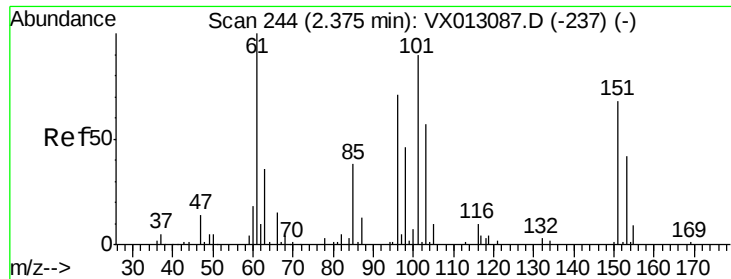


#8

Diethyl Ether
 Concen: 5.128 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX013086.D
 Acq: 16 Oct 2019 10:34

Tgt Ion: 74 Resp: 5684
 Ion Ratio Lower Upper
 74 100
 45 97.3 18.2 163.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.657 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013086.D

Acq: 16 Oct 2019 10:34

Instrument :

MSVOA_X

ClientSampleId :

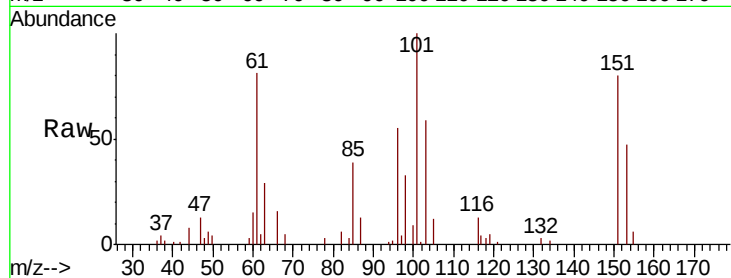
Tot Ion:101 Resp: 10497

Ion Ratio Lower Upper

101 100

85 43.8 0.0 85.2

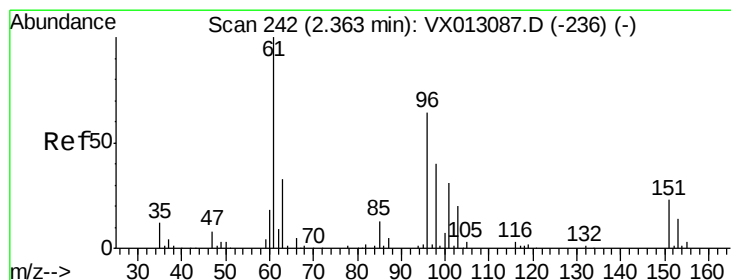
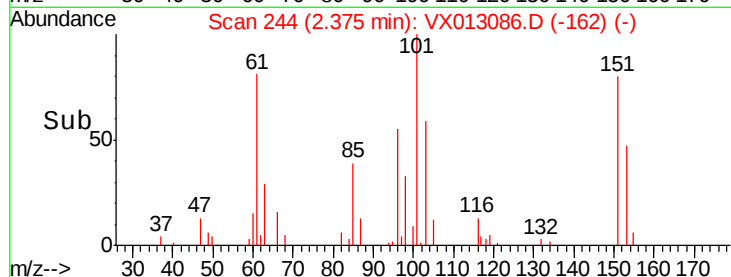
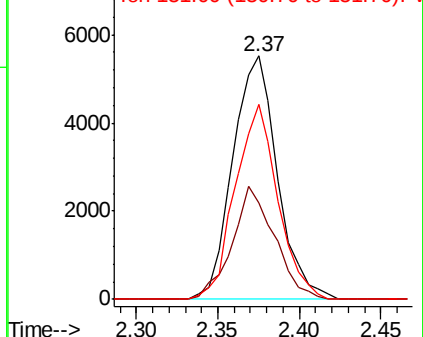
151 76.7 0.0 157.0



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: 5.245 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX013086.D

Acq: 16 Oct 2019 10:34

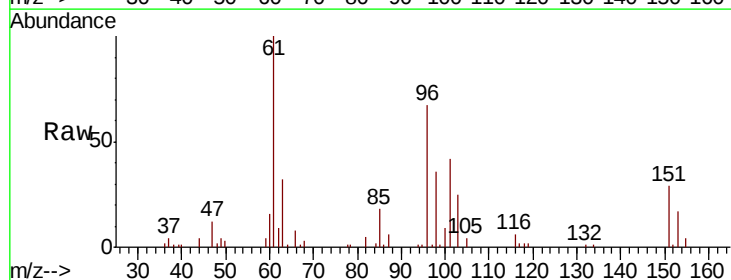
Tgt Ion: 96 Resp: 9755

Ion Ratio Lower Upper

96 100

61 149.8 124.2 186.2

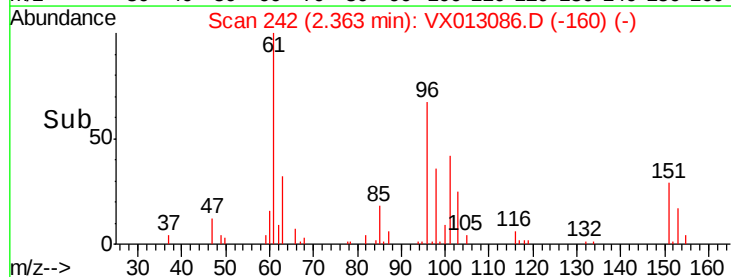
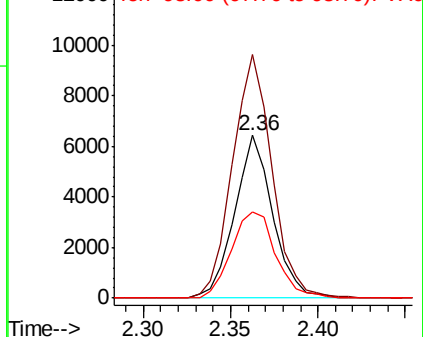
98 53.2 50.2 75.2

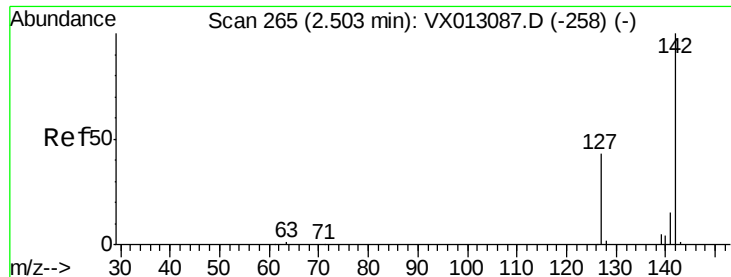


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

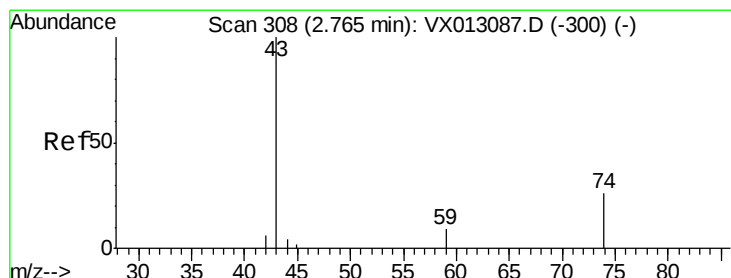
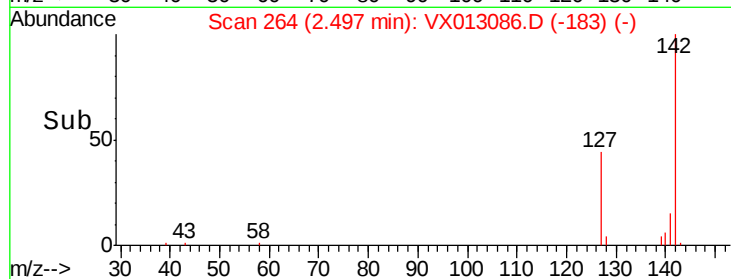
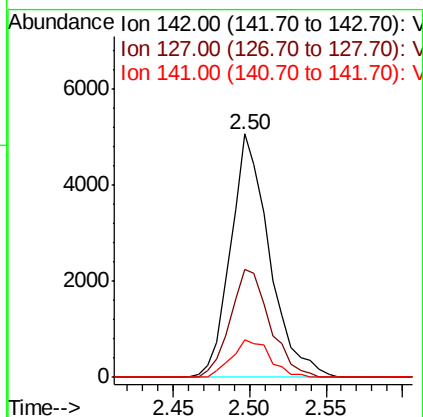
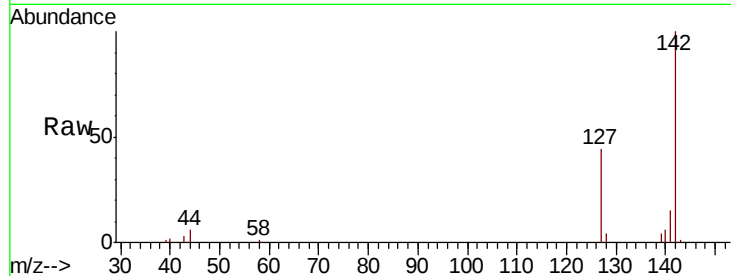




#11
Methyl Iodide
Concen: 3.629 ug/l
RT: 2.50 min Scan# 264
Delta R.T. -0.01 min
Lab File: VX013086.D
Acq: 16 Oct 2019 10:34

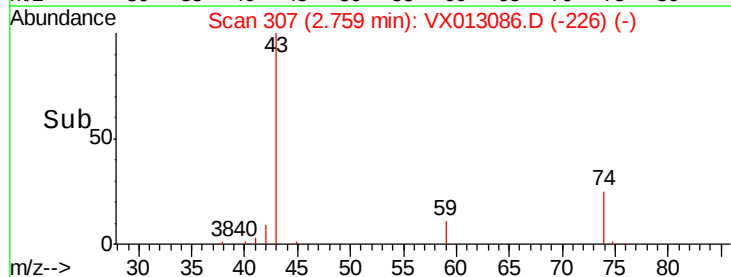
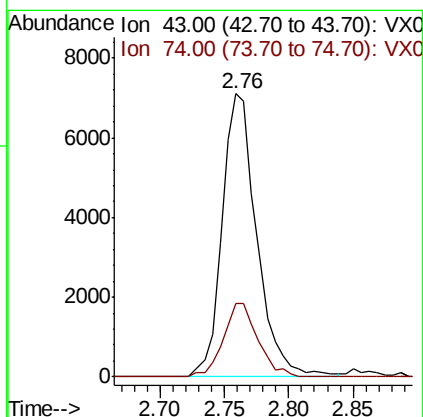
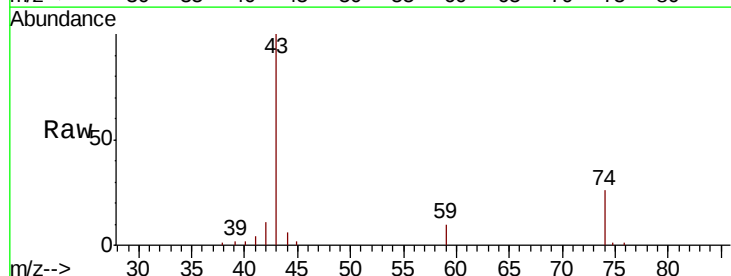
Instrument :
MSVOA_X
ClientSampleId :

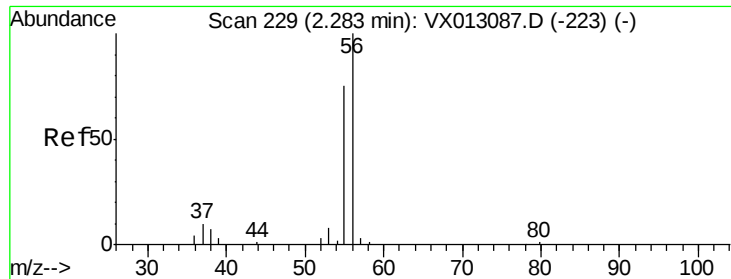
Tot Ion:142 Resp: 8936
Ion Ratio Lower Upper
142 100
127 44.5 21.4 64.2
141 15.2 7.3 21.9



#12
Methyl Acetate
Concen: 5.164 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX013086.D
Acq: 16 Oct 2019 10:34

Tgt Ion: 43 Resp: 13425
Ion Ratio Lower Upper
43 100
74 26.1 20.9 31.3





#13

Acrolein

Concen: 25.140 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013086.D

Acq: 16 Oct 2019 10:34

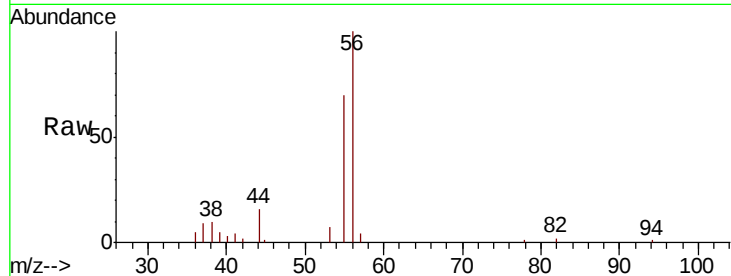
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 8126

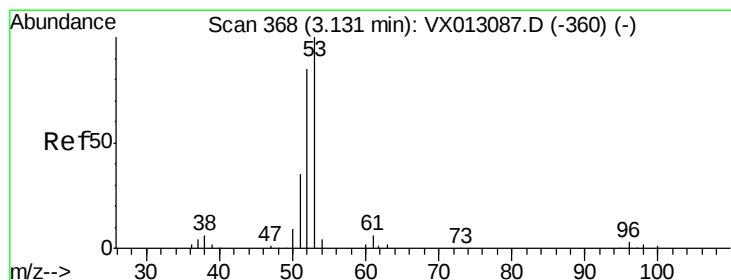
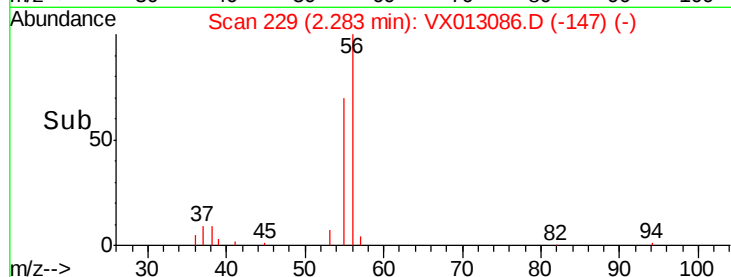
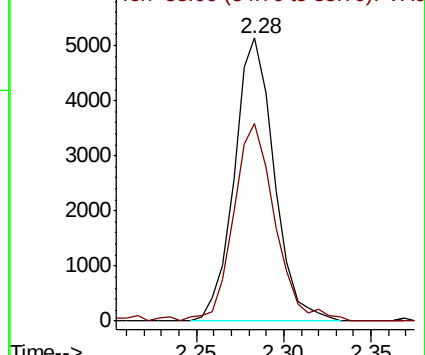
Ion Ratio Lower Upper

56 100

55 70.9 57.8 86.8



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 26.165 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013086.D

Acq: 16 Oct 2019 10:34

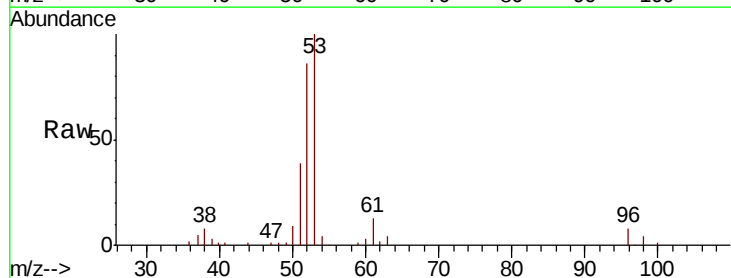
Tgt Ion: 53 Resp: 27054

Ion Ratio Lower Upper

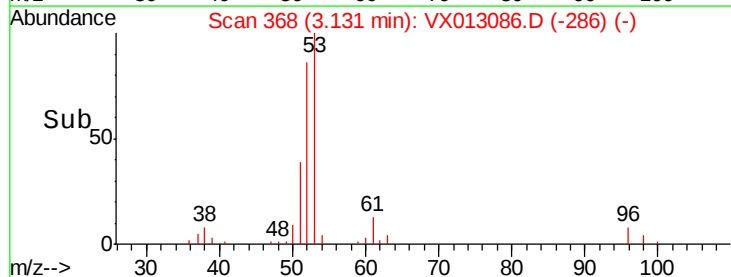
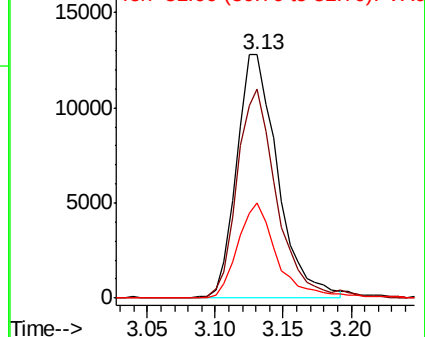
53 100

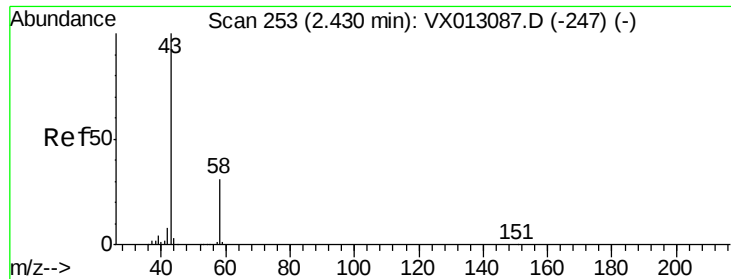
52 81.4 41.4 124.2

51 37.2 18.1 54.4



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 27.167 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013086.D

Acq: 16 Oct 2019 10:34

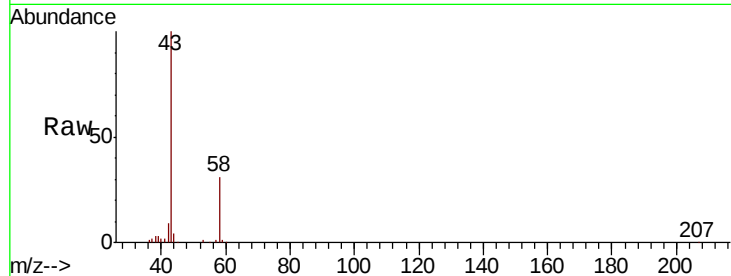
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 58 Resp: 8606

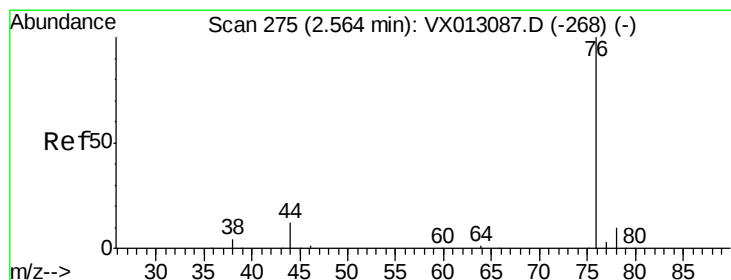
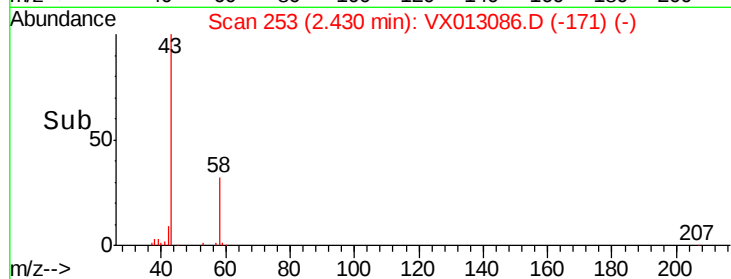
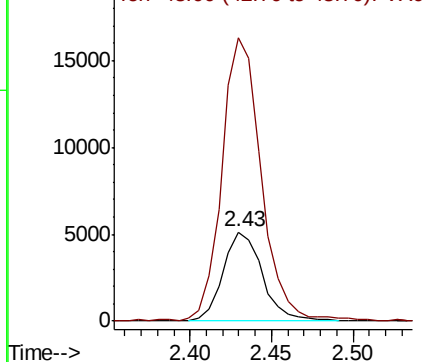
Ion Ratio Lower Upper

58 100

43 316.0 259.5 389.3



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



#16

Carbon Disulfide

Concen: 5.289 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX013086.D

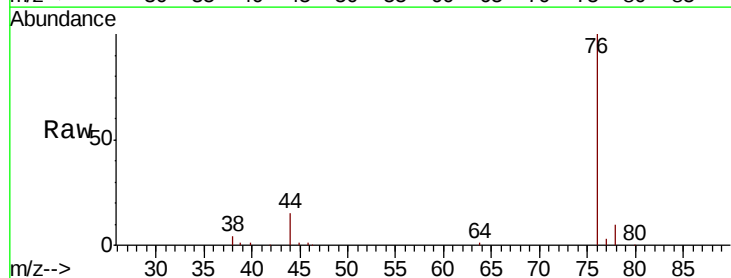
Acq: 16 Oct 2019 10:34

Tgt Ion: 76 Resp: 25636

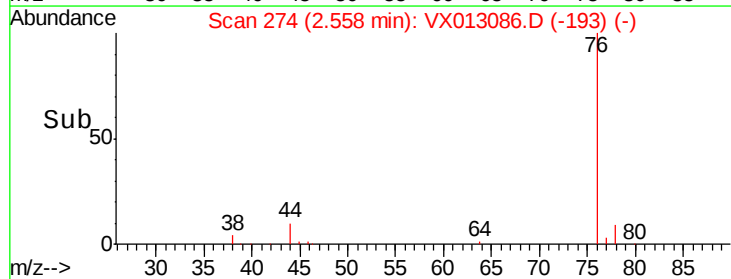
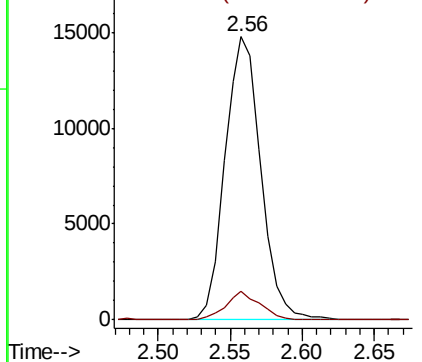
Ion Ratio Lower Upper

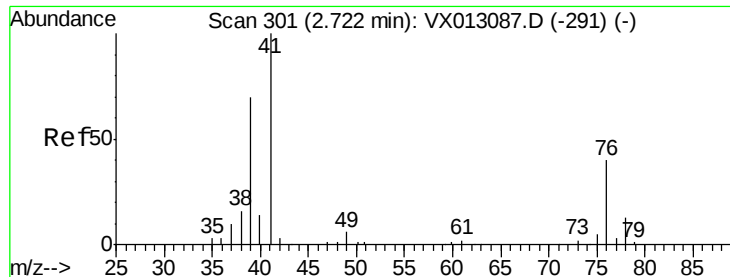
76 100

78 10.1 7.8 11.6



Abundance Ion 76.00 (75.70 to 76.70): VX0
Ion 78.00 (77.70 to 78.70): VX0

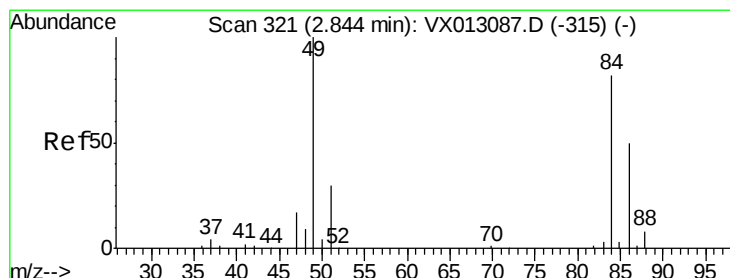
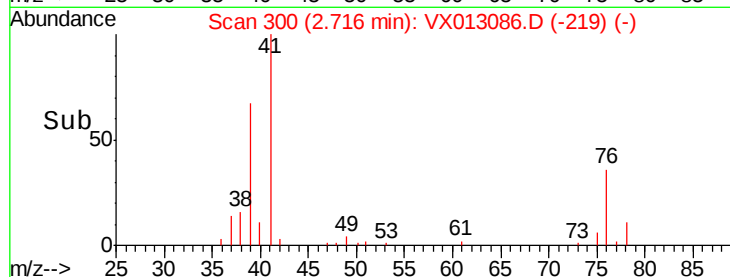
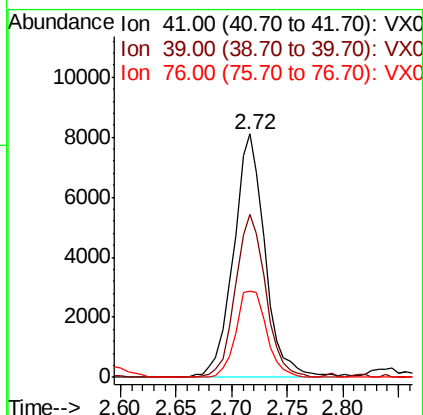
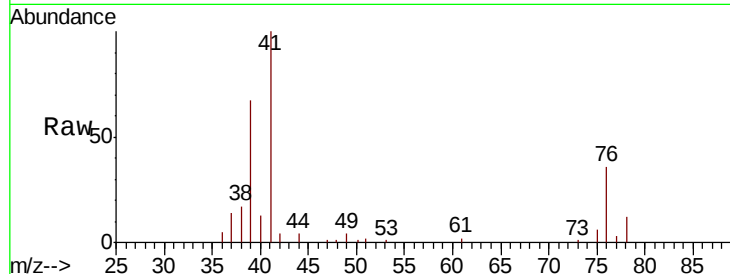




#17
Allvl chloride
Concen: 5.659 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.01 min
Lab File: VX013086.D
Acq: 16 Oct 2019 10:34

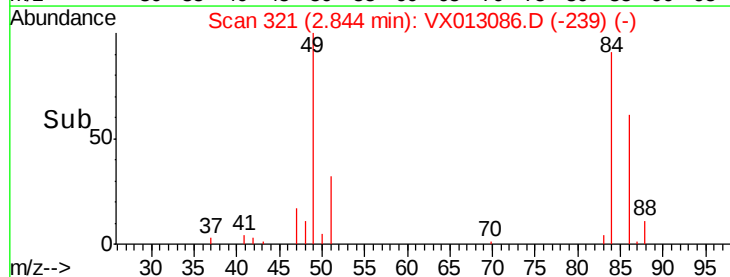
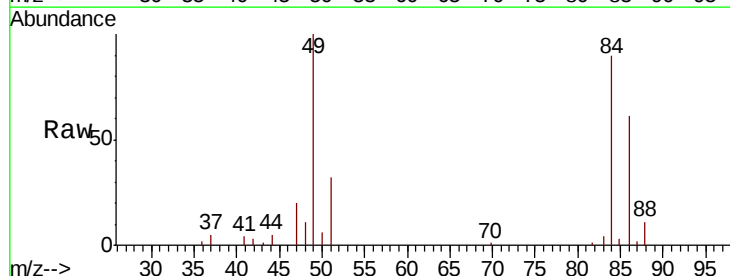
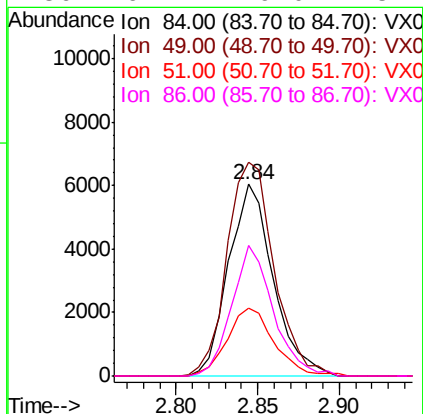
Instrument :
MSVOA_X
ClientSampled :

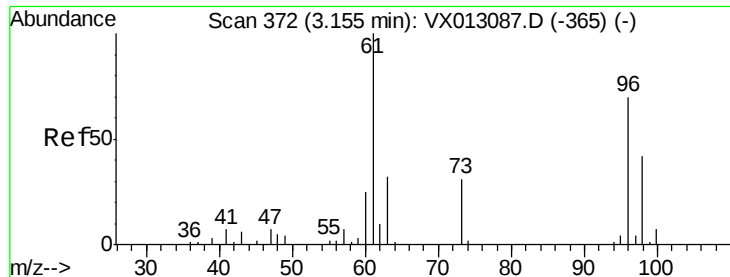
Tot Ion: 41 Resp: 15871
Ion Ratio Lower Upper
41 100
39 67.1 34.8 104.5
76 35.6 20.2 60.5



#18
Methylene Chloride
Concen: 5.536 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013086.D
Acq: 16 Oct 2019 10:34

Tgt Ion: 84 Resp: 11565
Ion Ratio Lower Upper
84 100
49 111.3 97.8 146.6
51 35.4 29.2 43.8
86 67.7 49.0 73.4

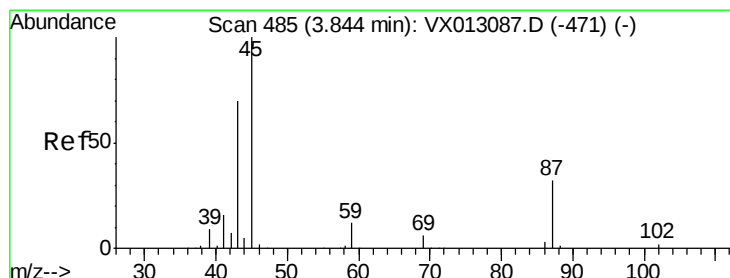
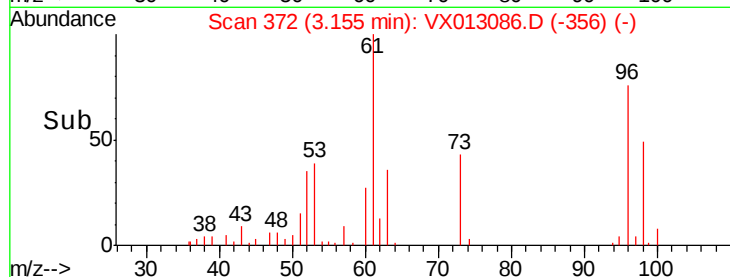
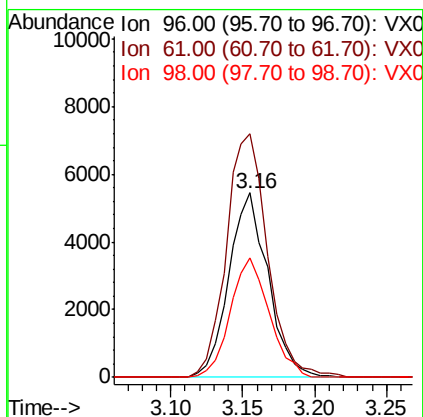
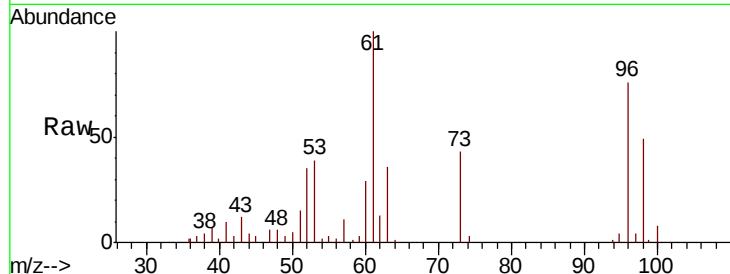




#19
trans-1,2-Dichloroethene
Concen: 5.233 ug/l
RT: 3.16 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX013086.D
Acq: 16 Oct 2019 10:34

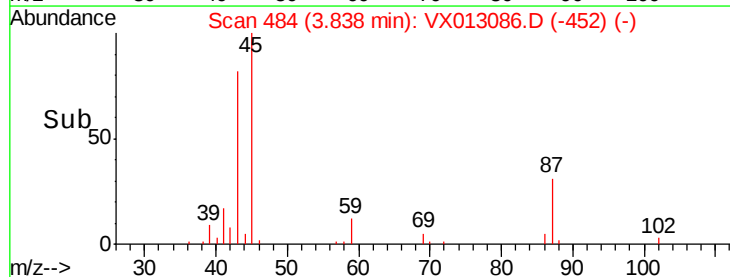
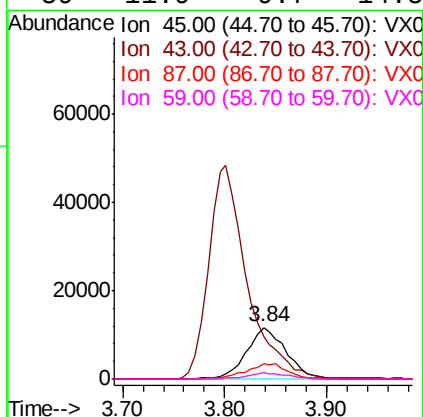
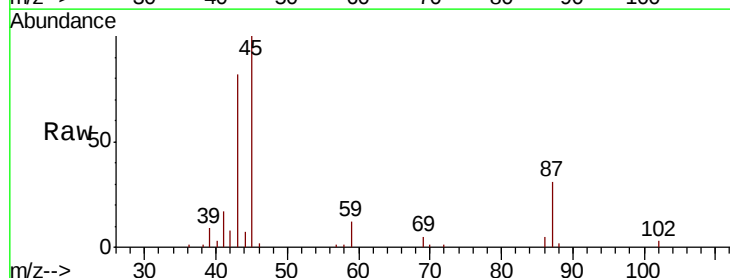
Instrument :
MSVOA_X
ClientSampleId :

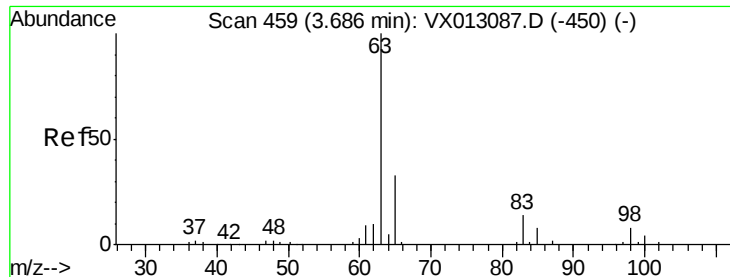
Tot Ion: 96 Resp: 10333
Ion Ratio Lower Upper
96 100
61 131.9 113.9 170.9
98 64.4 48.1 72.1



#20
Diisopropyl ether
Concen: 5.351 ug/l
RT: 3.84 min Scan# 484
Delta R.T. -0.01 min
Lab File: VX013086.D
Acq: 16 Oct 2019 10:34

Tgt Ion: 45 Resp: 31191
Ion Ratio Lower Upper
45 100
43 78.9 57.5 86.3
87 30.9 25.3 37.9
59 11.9 9.7 14.5

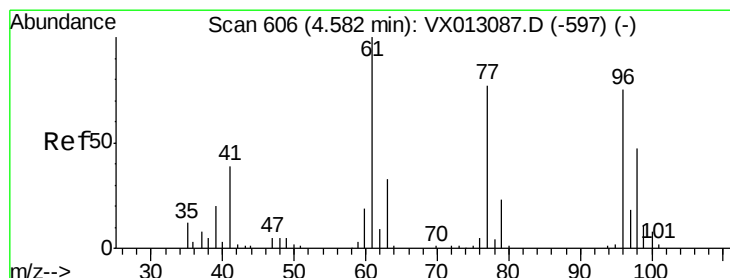
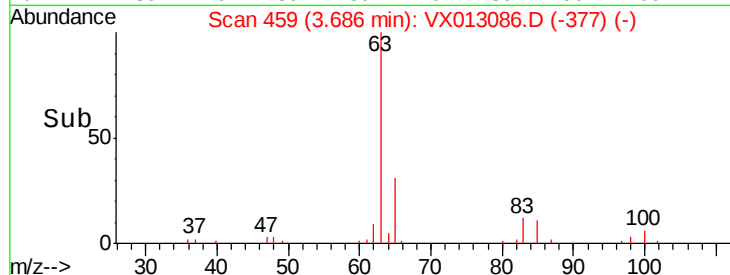
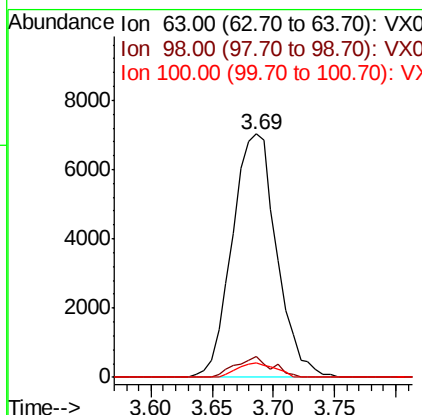
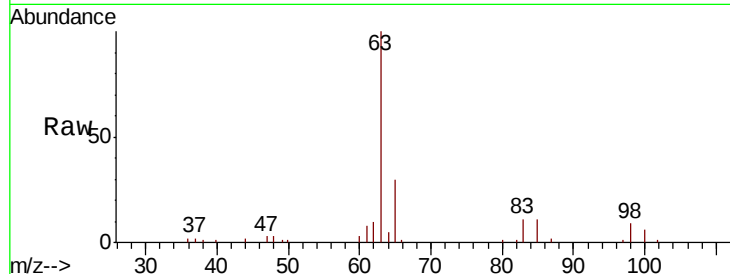




#21
 1,1-Dichloroethane
 Concen: 5.306 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VX013086.D
 Acq: 16 Oct 2019 10:34

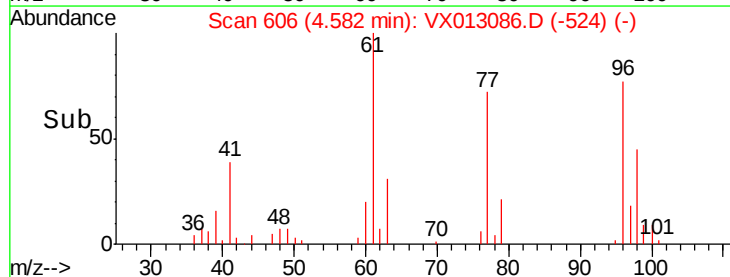
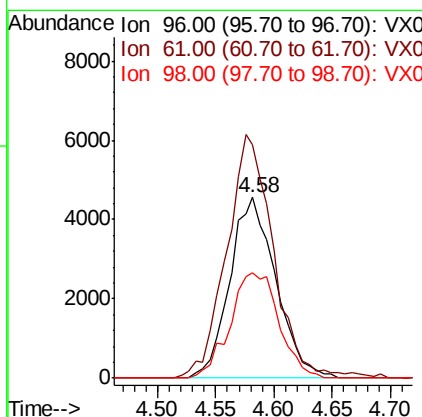
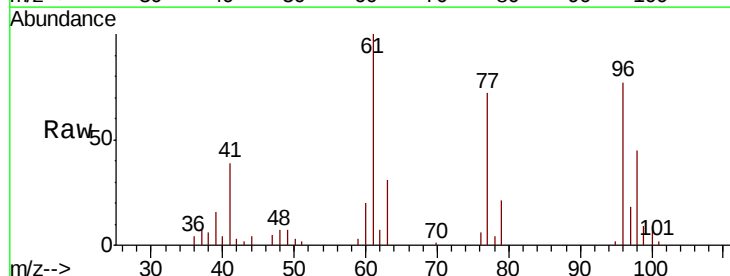
Instrument :
 MSVOA_X
 ClientSampleId :

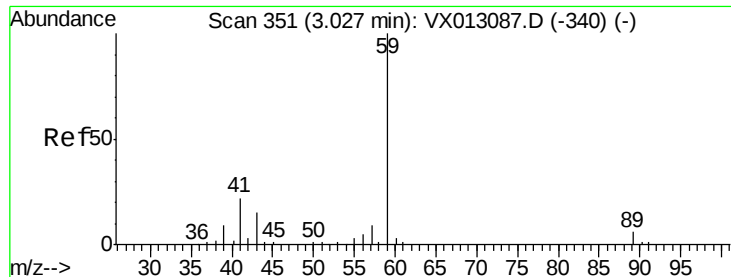
Tot Ion: 63 Resp: 17749
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.8 11.4
 100 5.8 2.1 6.5



#22
 cis-1,2-Dichloroethene
 Concen: 5.517 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VX013086.D
 Acq: 16 Oct 2019 10:34

Tgt Ion: 96 Resp: 12527
 Ion Ratio Lower Upper
 96 100
 61 133.9 115.0 172.4
 98 61.7 51.5 77.3



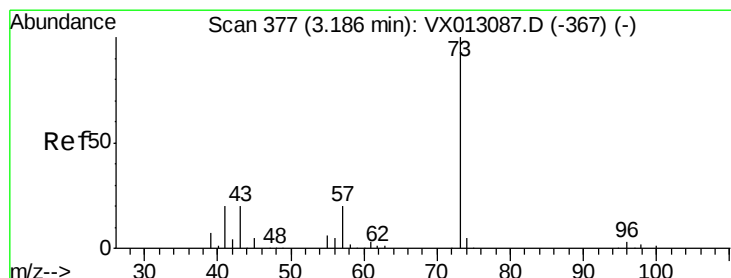
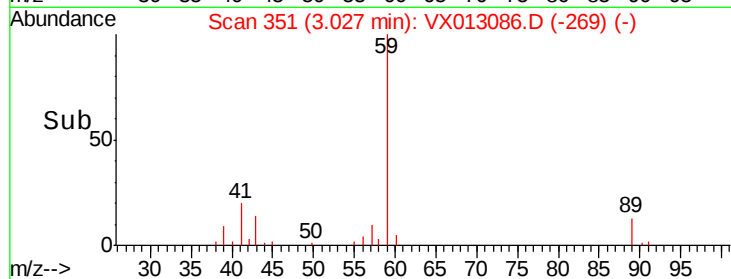
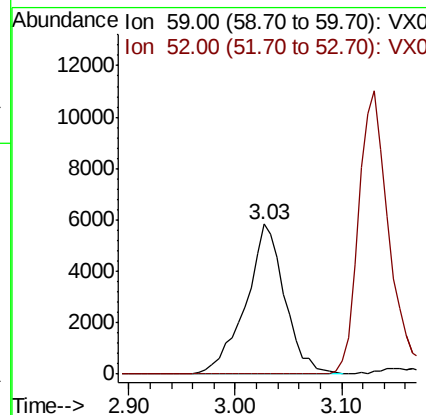
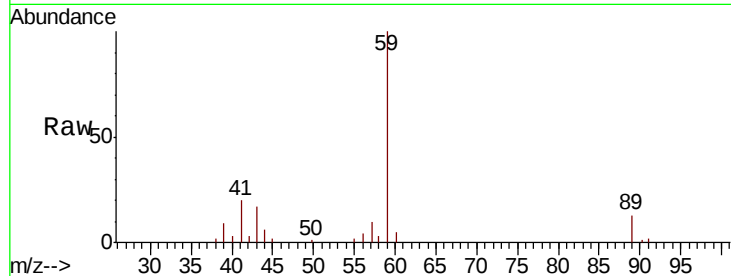


#23

tert-Butyl Alcohol
Concen: 27.820 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX013086.D
Acq: 16 Oct 2019 10:34

Instrument :
MSVOA_X
ClientSampleId :

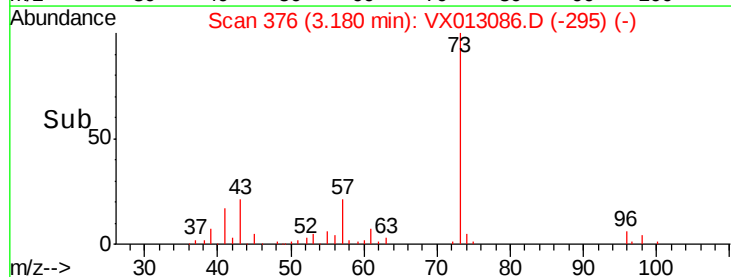
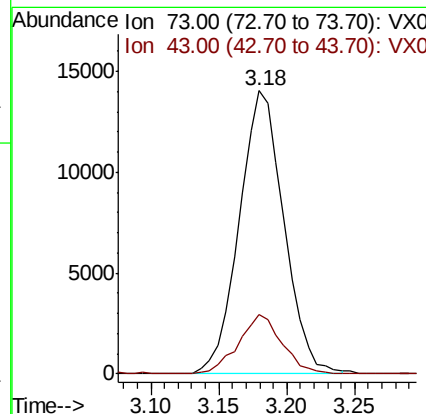
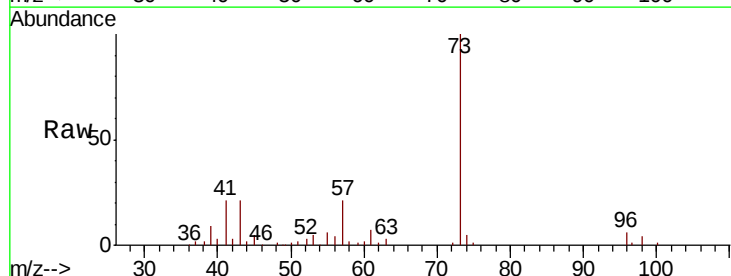
Tot Ion: 59 Resp: 14986
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#

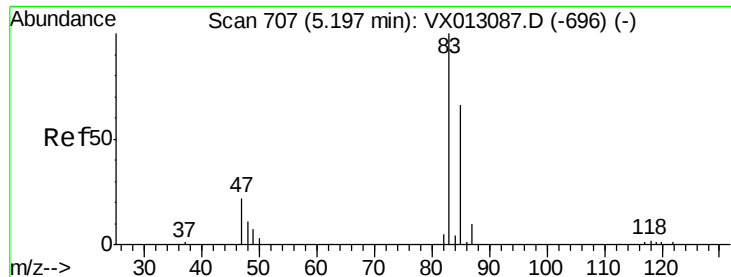


#24

Methyl tert-Butyl Ether
Concen: 5.283 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX013086.D
Acq: 16 Oct 2019 10:34

Tgt Ion: 73 Resp: 32192
Ion Ratio Lower Upper
73 100
43 20.3 15.8 23.8

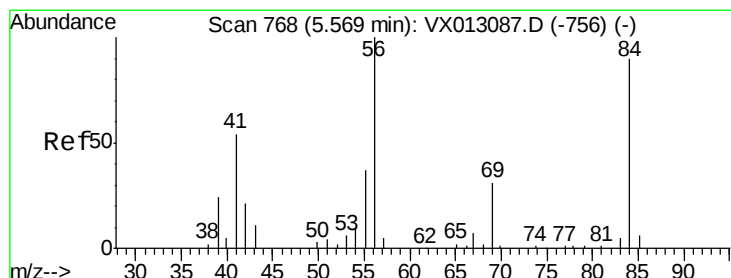
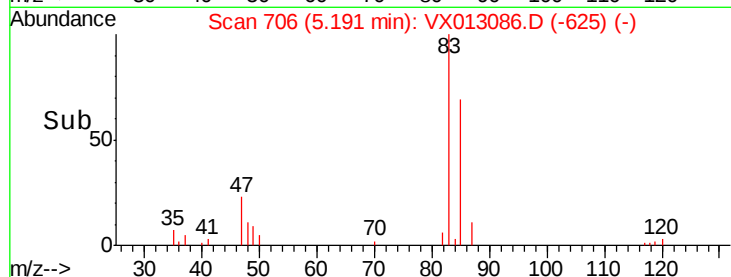
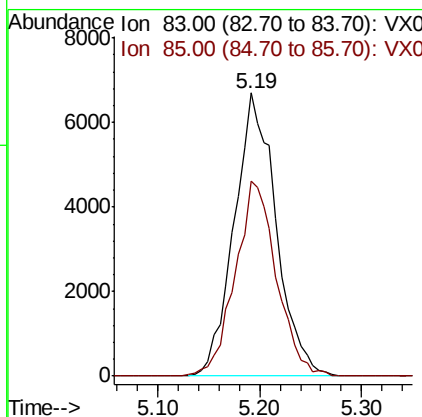
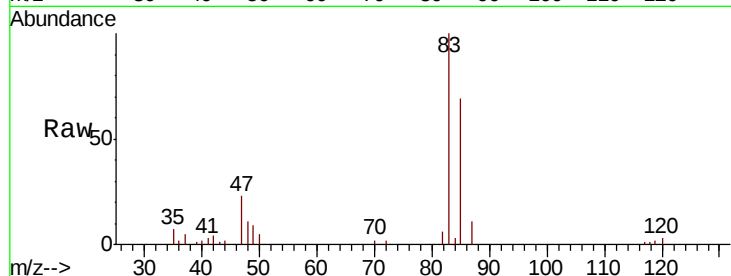




#25
Chloroform
Concen: 5.255 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX013086.D
Acq: 16 Oct 2019 10:34

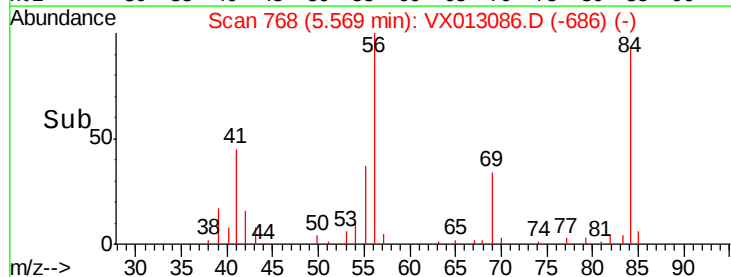
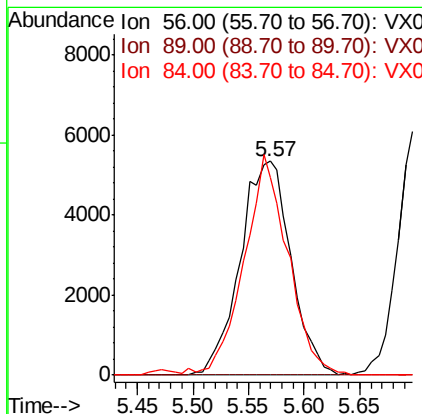
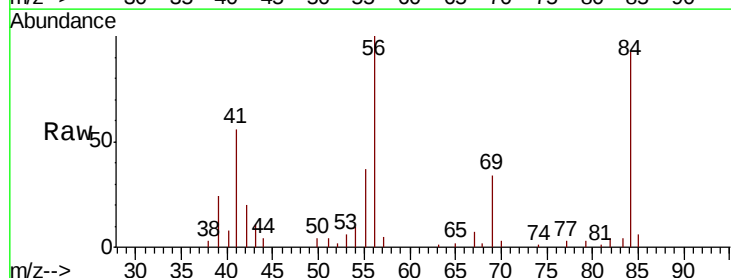
Instrument :
MSVOA_X
ClientSampleId :

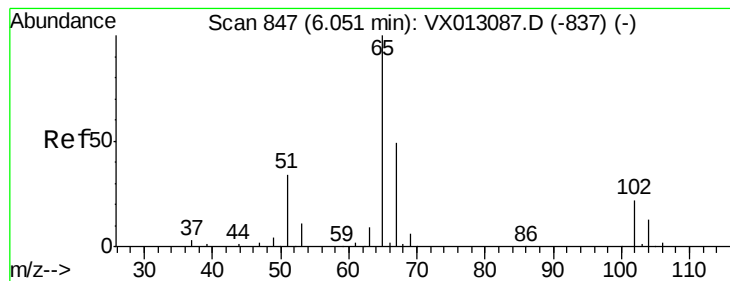
Tot Ion: 83 Resp: 19068
Ion Ratio Lower Upper
83 100
85 68.8 53.0 79.6



#26
Cyclohexane
Concen: 5.578 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013086.D
Acq: 16 Oct 2019 10:34

Tgt Ion: 56 Resp: 16977
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 88.5 71.3 106.9





#27

1,2-Dichloroethane-d4

Concen: 32.311 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013086.D

Acq: 16 Oct 2019 10:34

Instrument :

MSVOA_X

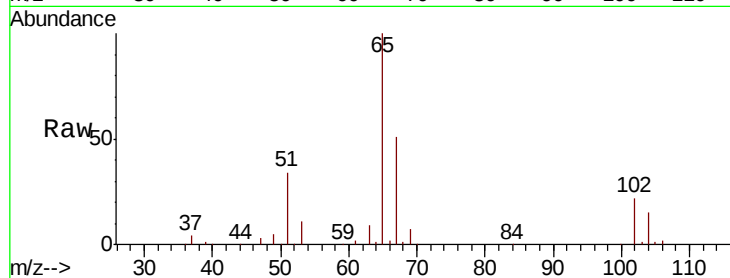
ClientSampleId :

Tot Ion: 65 Resp: 74852

Ion Ratio Lower Upper

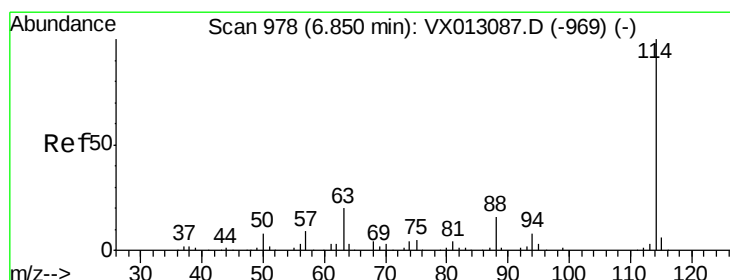
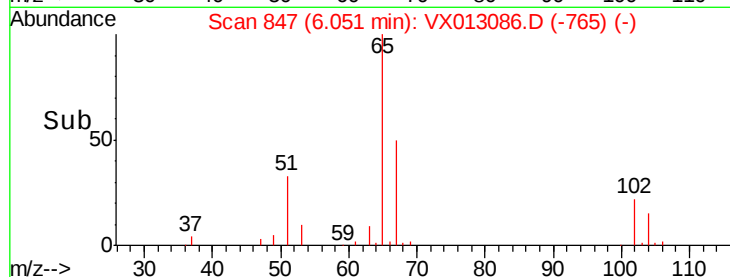
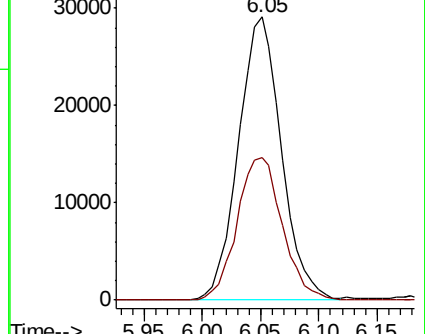
65 100

67 53.0 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: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX013086.D

Acq: 16 Oct 2019 10:34

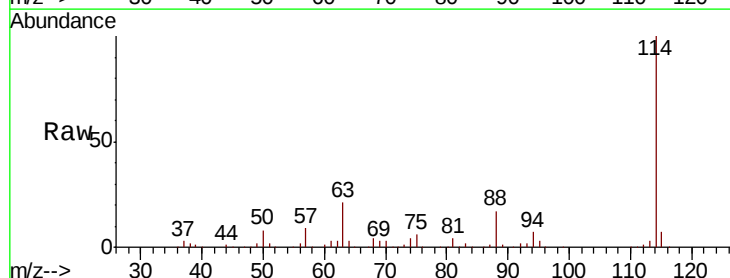
Tgt Ion: 114 Resp: 184529

Ion Ratio Lower Upper

114 100

63 20.3 16.5 24.7

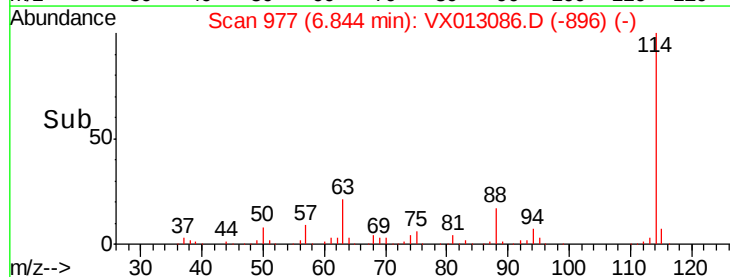
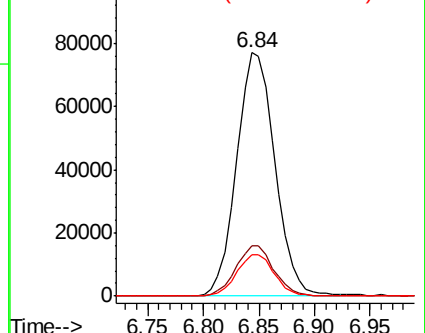
88 16.8 13.6 20.4

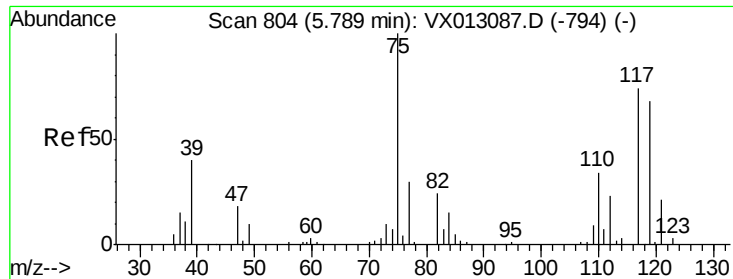


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

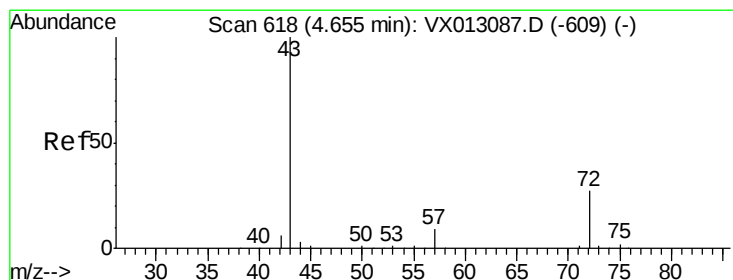
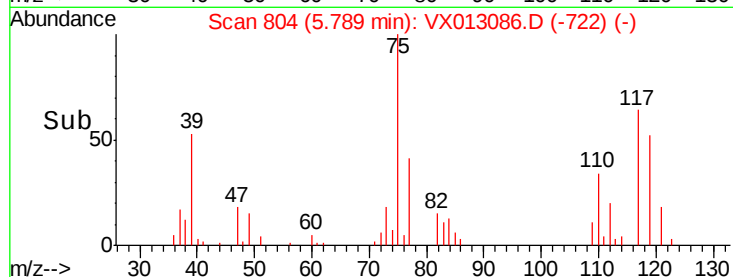
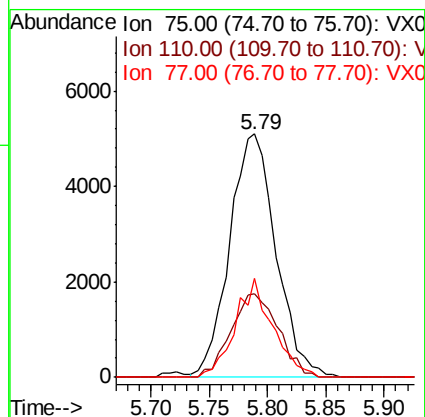
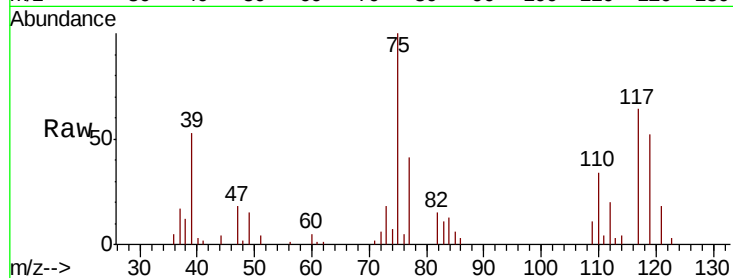




#29
 1,1-Dichloropropene
 Concen: 5.391 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX013086.D
 Acq: 16 Oct 2019 10:34

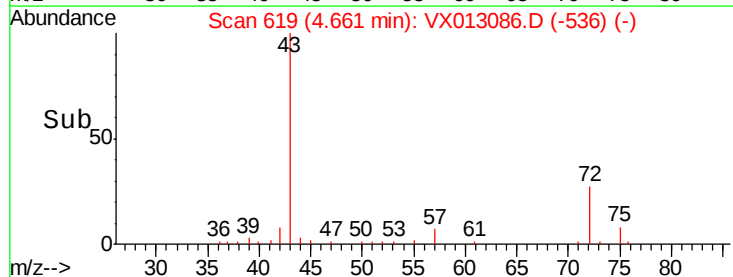
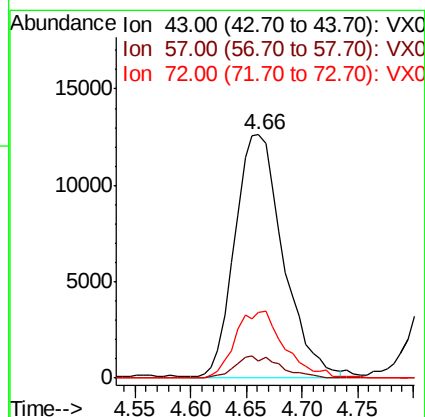
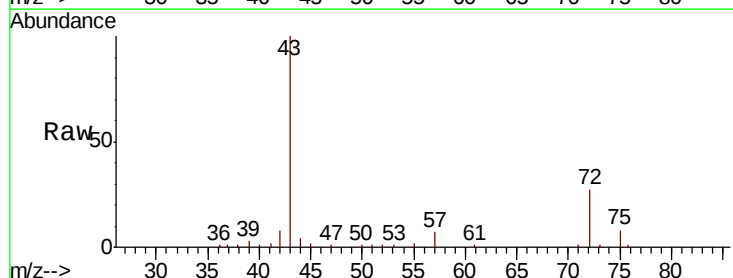
Instrument :
 MSVOA_X
 ClientSampleId :

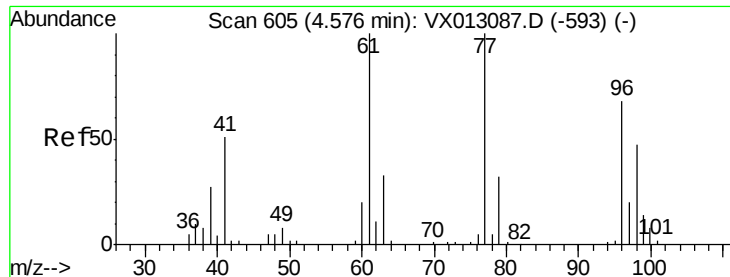
Tot Ion: 75 Resp: 14148
 Ion Ratio Lower Upper
 75 100
 110 34.9 0.0 72.2
 77 32.7 0.0 62.8



#30
 2-Butanone
 Concen: 26.177 ug/l
 RT: 4.66 min Scan# 619
 Delta R.T. 0.01 min
 Lab File: VX013086.D
 Acq: 16 Oct 2019 10:34

Tgt Ion: 43 Resp: 38235
 Ion Ratio Lower Upper
 43 100
 57 8.6 6.9 10.3
 72 27.0 22.1 33.1

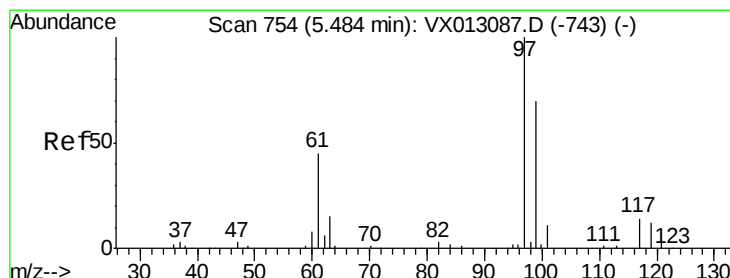
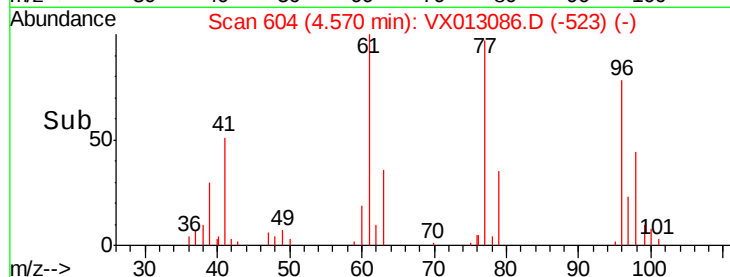
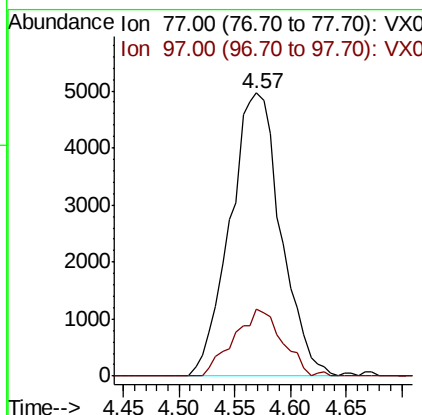
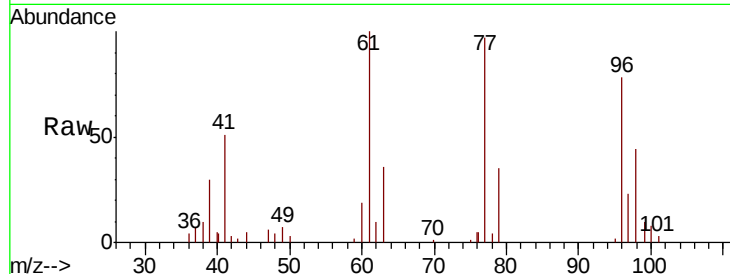




#31
 2,2-Dichloropropane
 Concen: 6.377 ug/l
 RT: 4.57 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: VX013086.D
 Acq: 16 Oct 2019 10:34

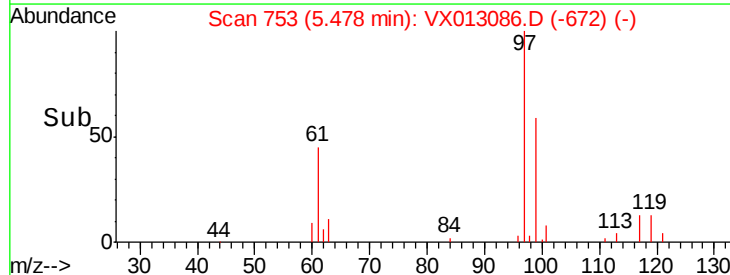
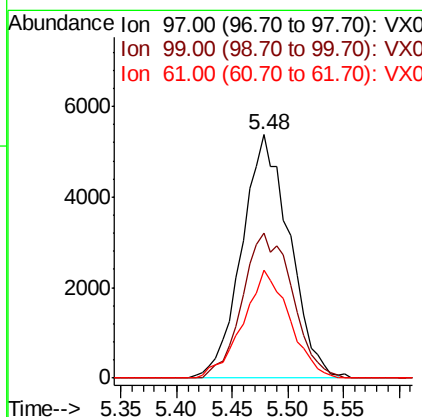
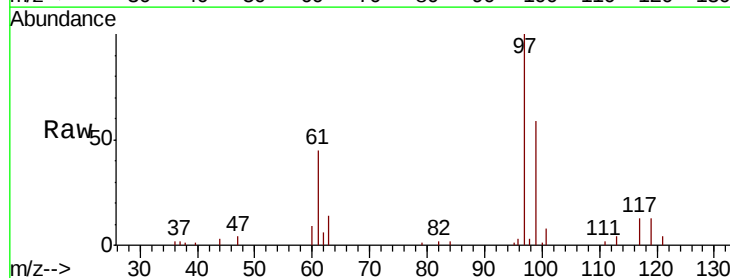
Instrument :
 MSVOA_X
 ClientSampled :

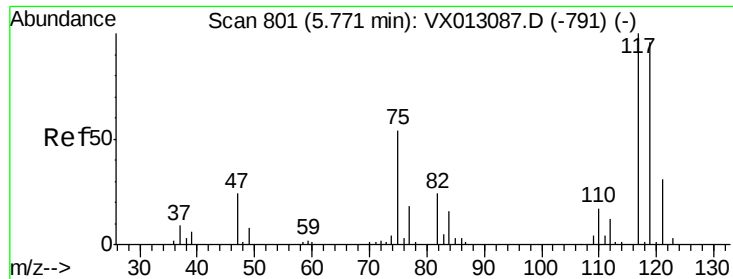
Tot Ion: 77 Resp: 15747
 Ion Ratio Lower Upper
 77 100
 97 22.1 17.8 26.6



#32
 1,1,1-Trichloroethane
 Concen: 5.061 ug/l
 RT: 5.48 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: VX013086.D
 Acq: 16 Oct 2019 10:34

Tgt Ion: 97 Resp: 16039
 Ion Ratio Lower Upper
 97 100
 99 36.4 52.4 78.6#
 61 43.2 35.1 52.7

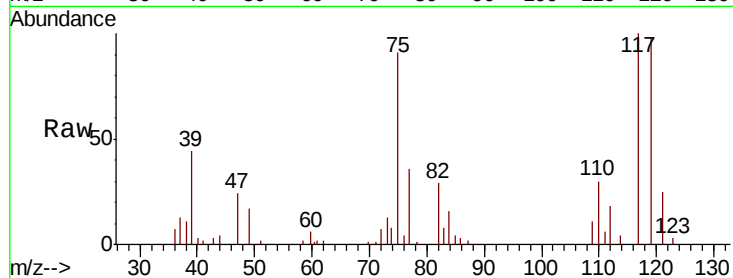




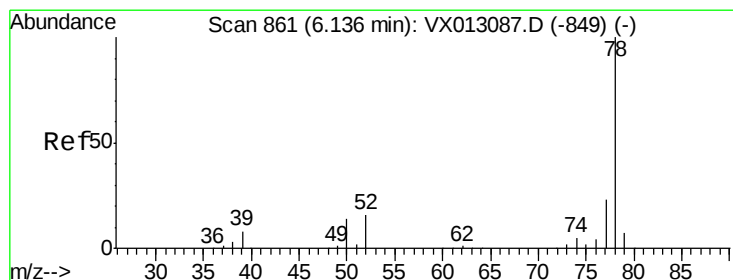
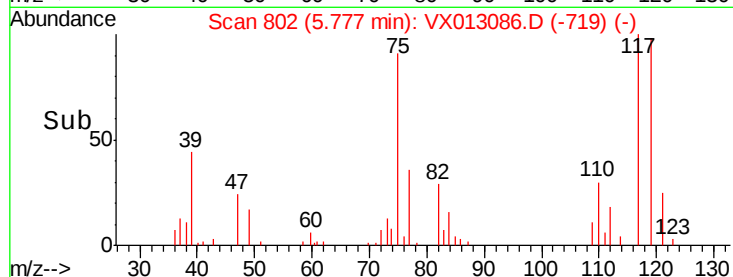
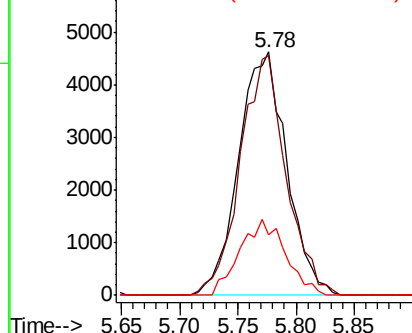
#33
Carbon Tetrachloride
Concen: 4.807 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.01 min
Lab File: VX013086.D
Acq: 16 Oct 2019 10:34

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 13277
Ion Ratio Lower Upper
117 100
119 98.2 77.0 115.4
121 24.8 24.6 36.8

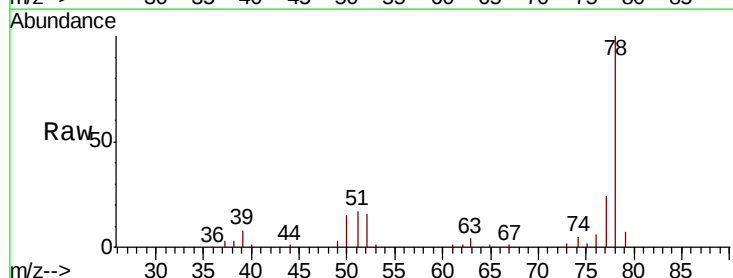


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

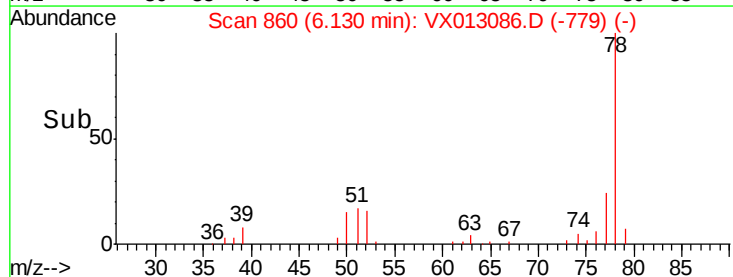
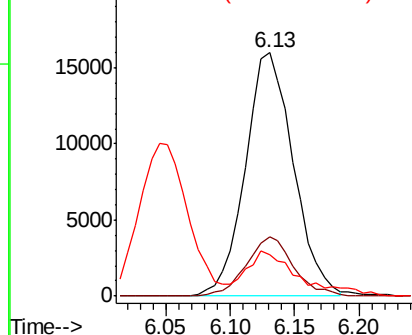


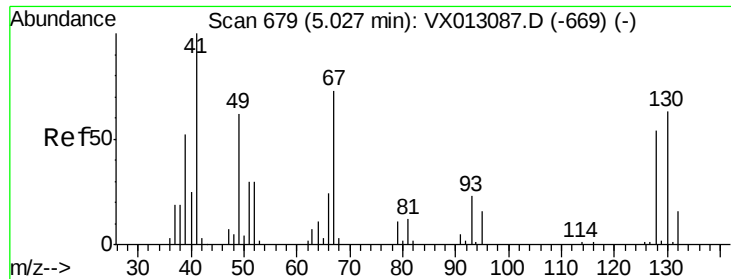
#34
Benzene
Concen: 5.230 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX013086.D
Acq: 16 Oct 2019 10:34

Tgt Ion: 78 Resp: 41351
Ion Ratio Lower Upper
78 100
77 24.2 18.5 27.7
51 13.7 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

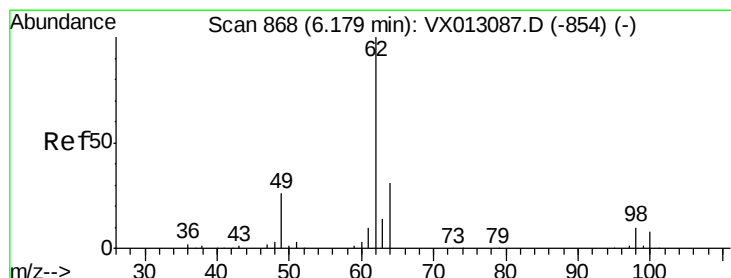
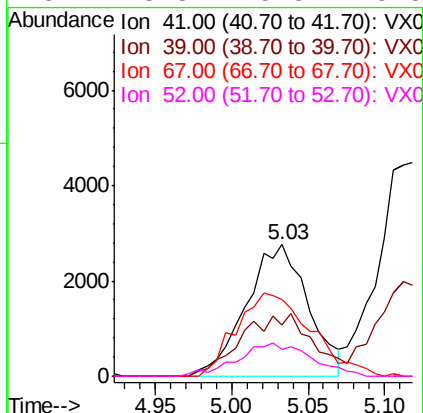
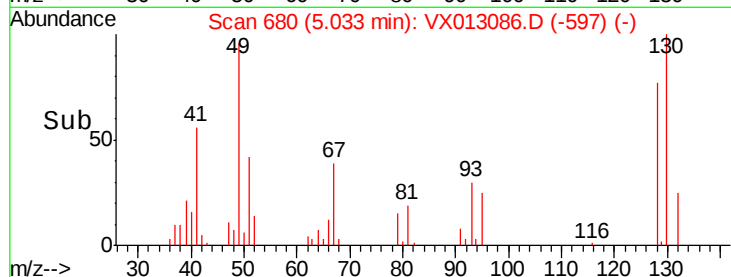
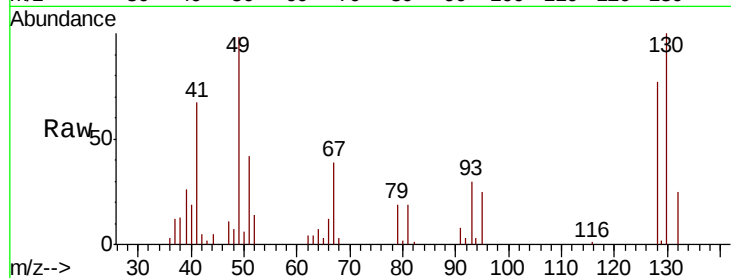




#35
Methacrylonitrile
Concen: 5.189 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013086.D
Acq: 16 Oct 2019 10:34

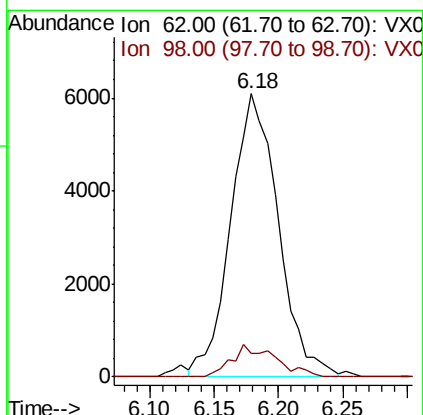
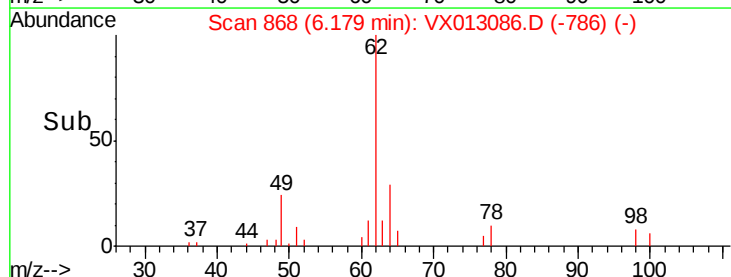
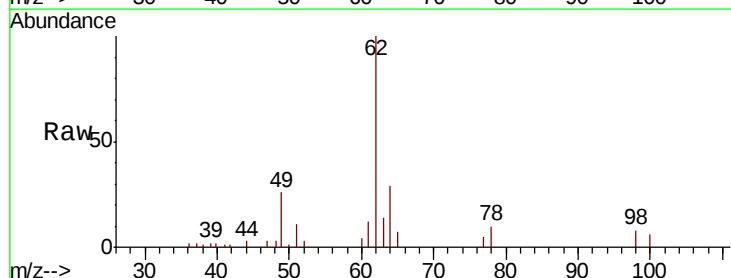
Instrument :
MSVOA_X
ClientSampleId :

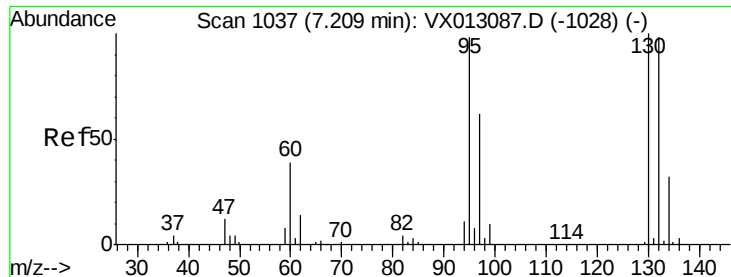
Tot Ion: 41 Resp: 7774
Ion Ratio Lower Upper
41 100
39 39.2 26.3 78.8
67 58.2 36.5 109.5
52 18.3 15.3 45.8



#36
1,2-Dichloroethane
Concen: 5.473 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX013086.D
Acq: 16 Oct 2019 10:34

Tgt Ion: 62 Resp: 15581
Ion Ratio Lower Upper
62 100
98 6.4 7.8 11.6#

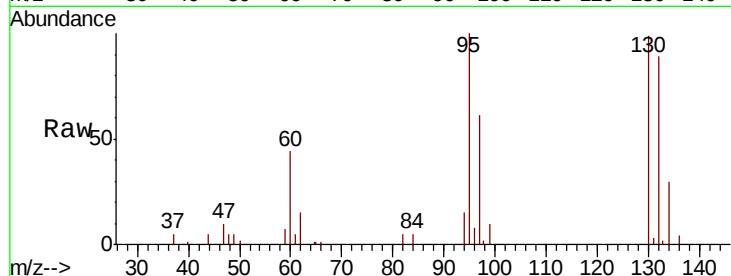




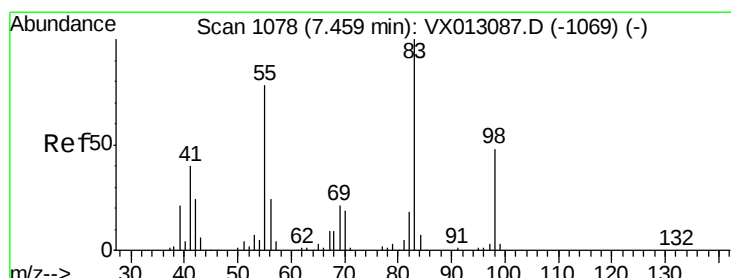
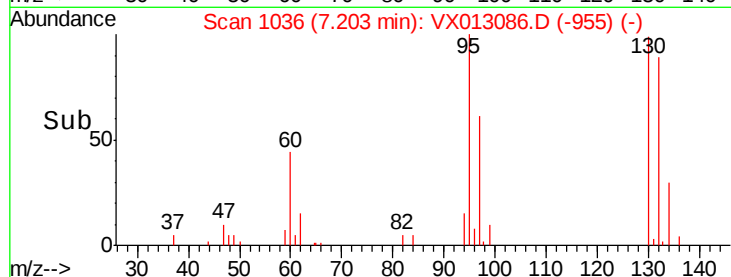
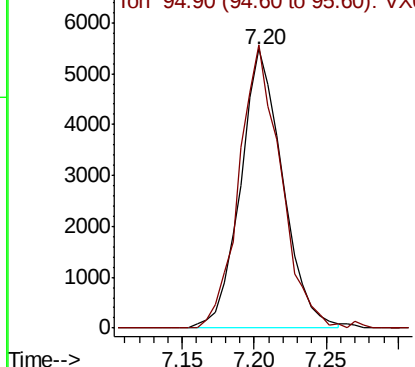
#37
 Trichloroethene
 Concen: 4.891 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX013086.D
 Acq: 16 Oct 2019 10:34

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:130 Resp: 11106
 Ion Ratio Lower Upper
 130 100
 95 101.4 78.4 117.6

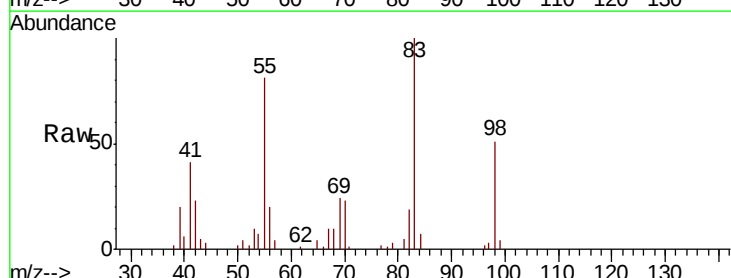


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

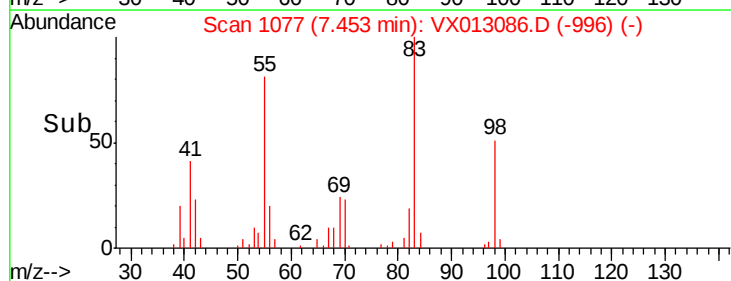
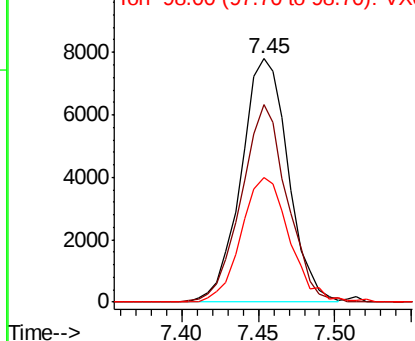


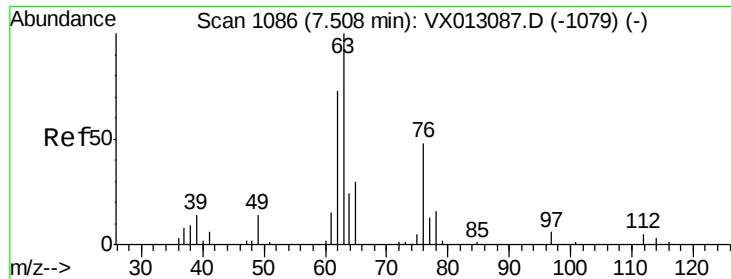
#38
 Methylcyclohexane
 Concen: 5.086 ug/l
 RT: 7.45 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: VX013086.D
 Acq: 16 Oct 2019 10:34

Tgt Ion: 83 Resp: 16723
 Ion Ratio Lower Upper
 83 100
 55 78.9 38.3 114.8
 98 51.7 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

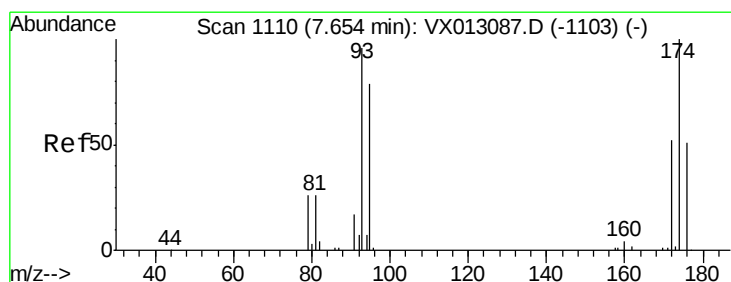
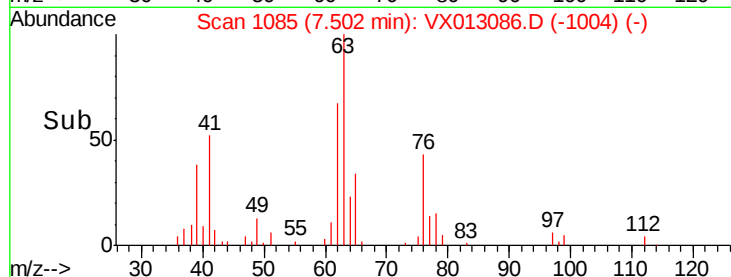
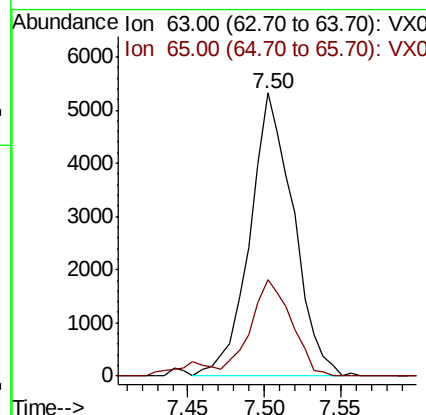
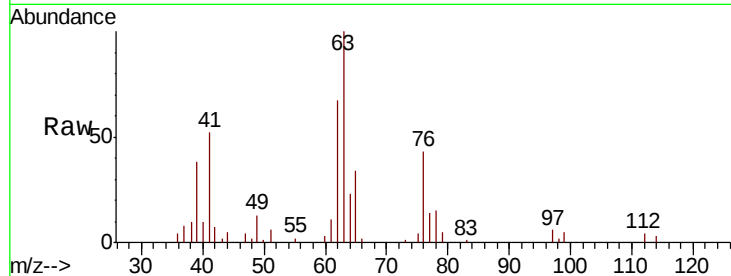




#39
 1,2-Dichloropropane
 Concen: 5.308 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013086.D
 Acq: 16 Oct 2019 10:34

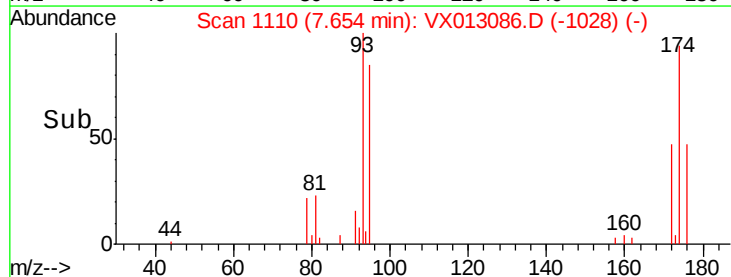
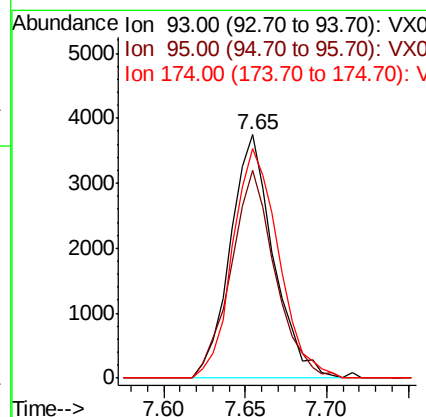
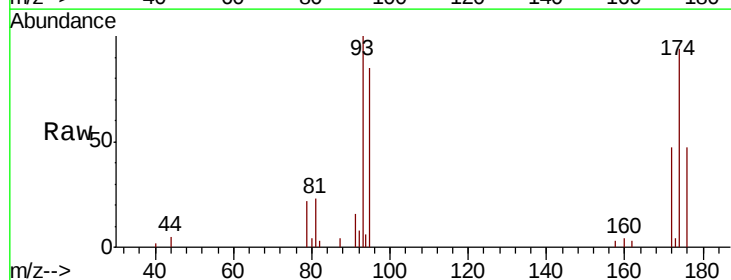
Instrument :
 MSVOA_X
 ClientSampleId :

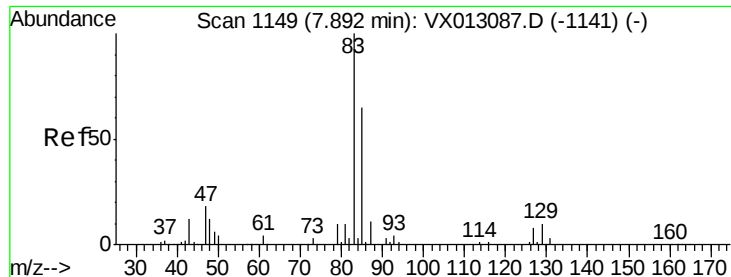
Tot Ion: 63 Resp: 10531
 Ion Ratio Lower Upper
 63 100
 65 34.0 25.6 38.4



#40
 Dibromomethane
 Concen: 4.841 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013086.D
 Acq: 16 Oct 2019 10:34

Tgt Ion: 93 Resp: 6907
 Ion Ratio Lower Upper
 93 100
 95 87.1 0.0 171.2
 174 100.5 0.0 208.2





#41

Bromodichloromethane

Concen: 4.890 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013086.D

Acq: 16 Oct 2019 10:34

Instrument :

MSVOA_X

ClientSampleId :

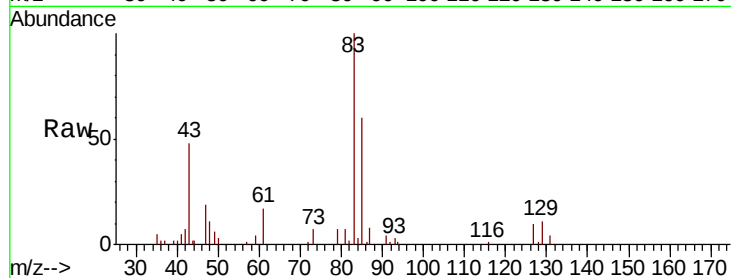
Tot Ion: 83 Resp: 13054

Ion Ratio Lower Upper

83 100

85 59.8 51.8 77.8

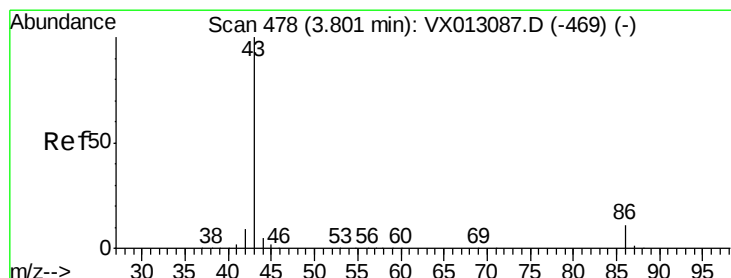
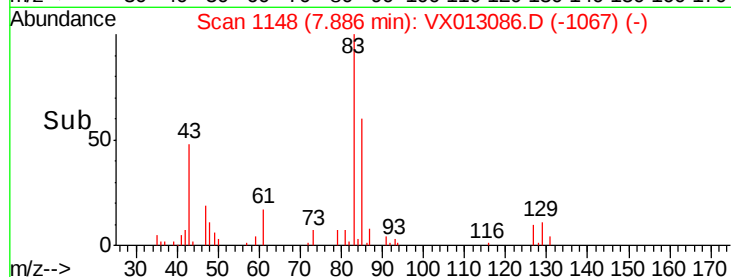
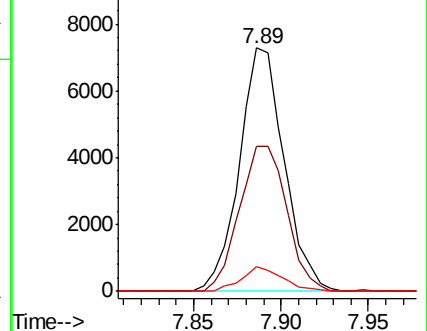
127 10.3 6.7 10.1#



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: 26.436 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013086.D

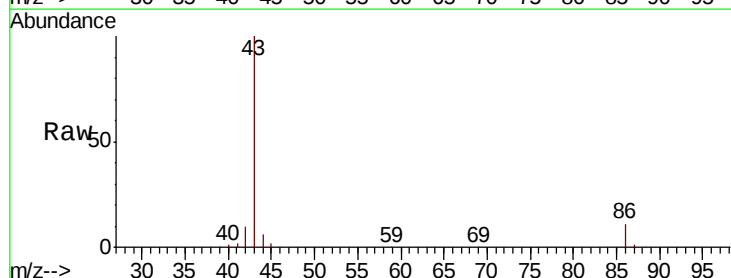
Acq: 16 Oct 2019 10:34

Tgt Ion: 43 Resp: 126804

Ion Ratio Lower Upper

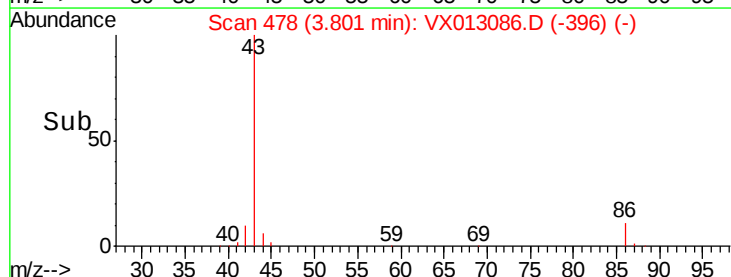
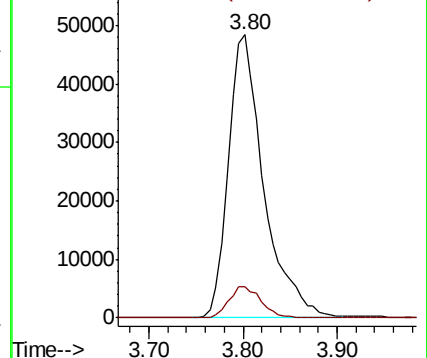
43 100

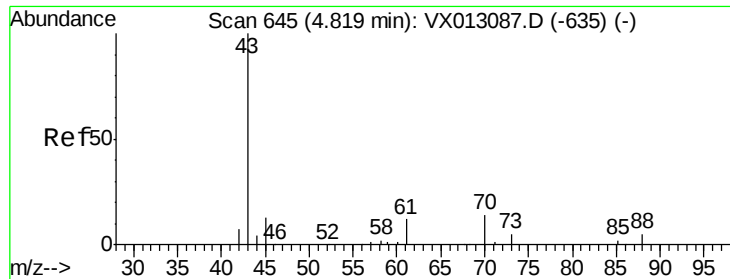
86 10.0 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 5.480 ug/l

RT: 4.83 min Scan# 646

Delta R.T. 0.01 min

Lab File: VX013086.D

Acq: 16 Oct 2019 10:34

Instrument :

MSVOA_X

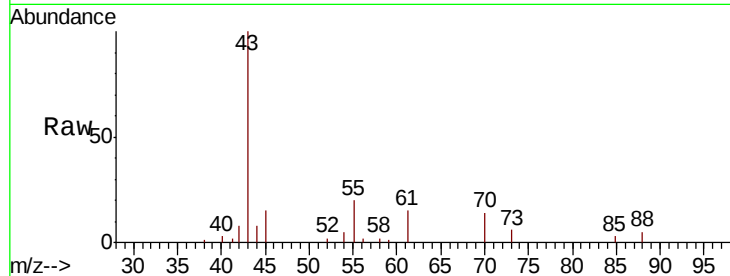
ClientSampled :

Tot Ion: 43 Resp: 14979

Ion Ratio Lower Upper

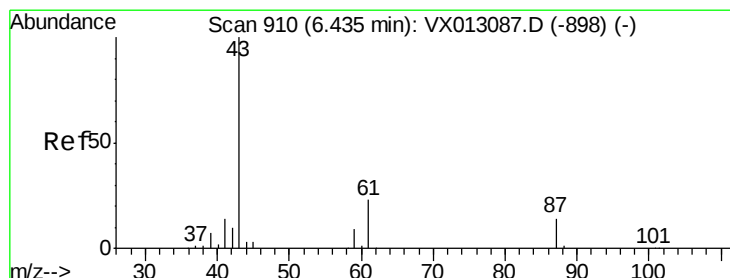
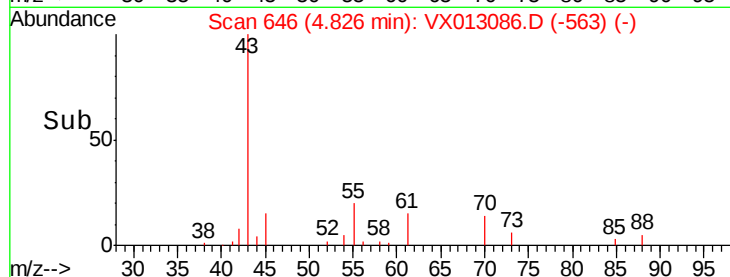
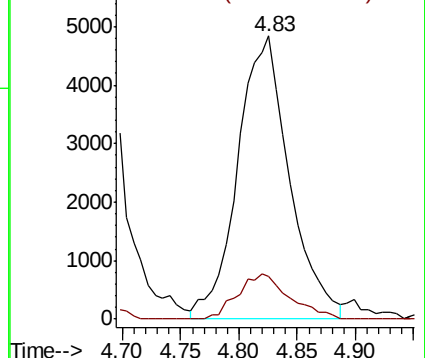
43 100

45 15.9 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: 4.840 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX013086.D

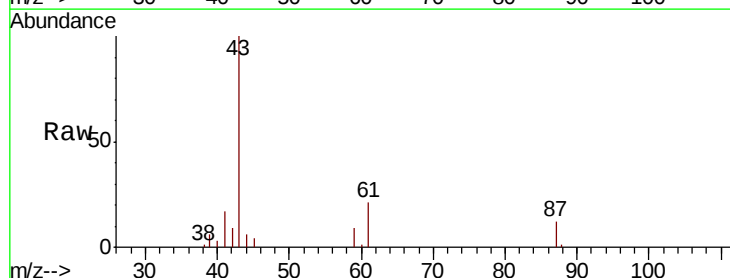
Acq: 16 Oct 2019 10:34

Tgt Ion: 43 Resp: 21752

Ion Ratio Lower Upper

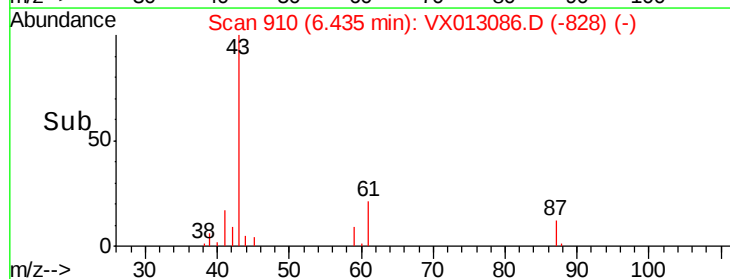
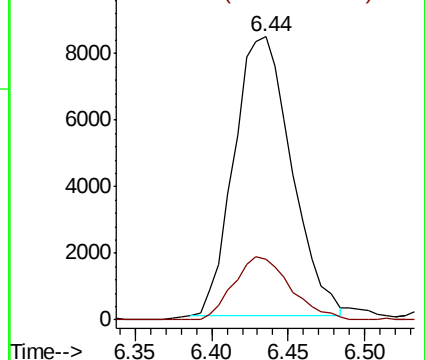
43 100

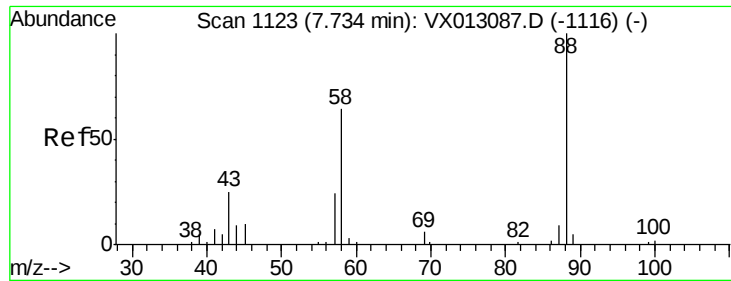
61 22.5 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

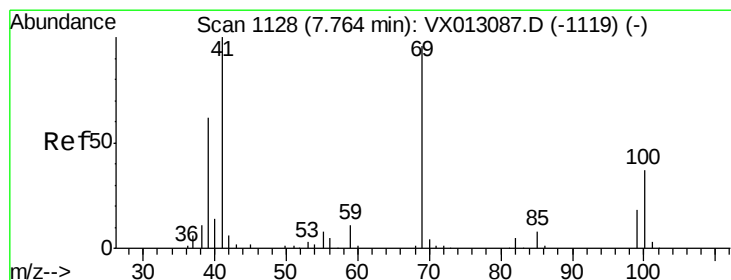
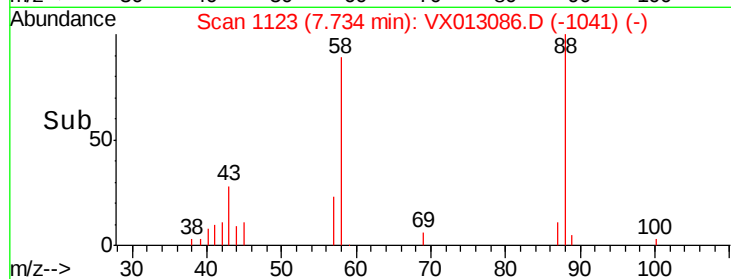
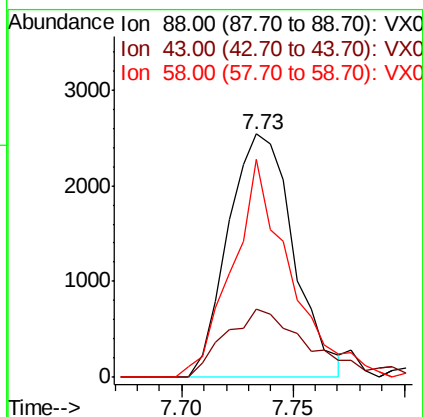
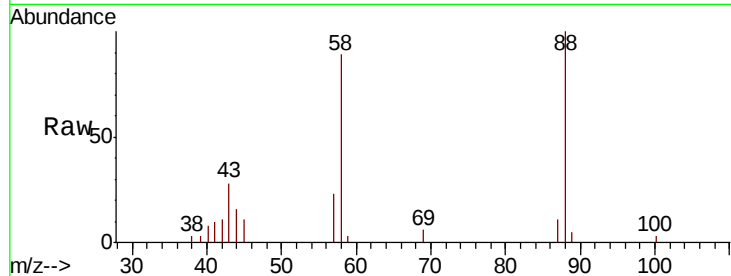




#45
 1,4-Dioxane
 Concen: 91.380 ug/l
 RT: 7.73 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: VX013086.D
 Acq: 16 Oct 2019 10:34

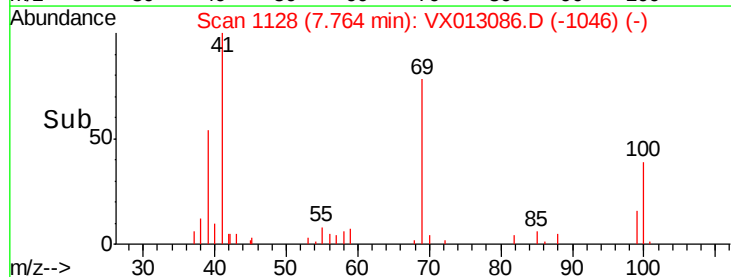
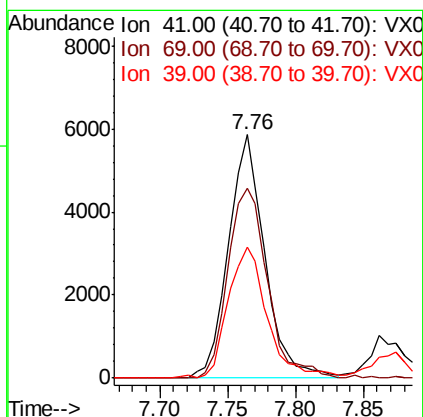
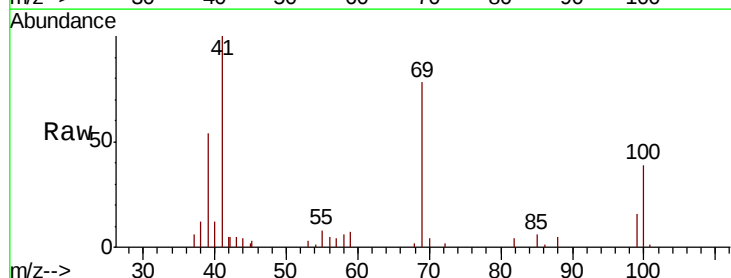
Instrument :
 MSVOA_X
 ClientSampleId :

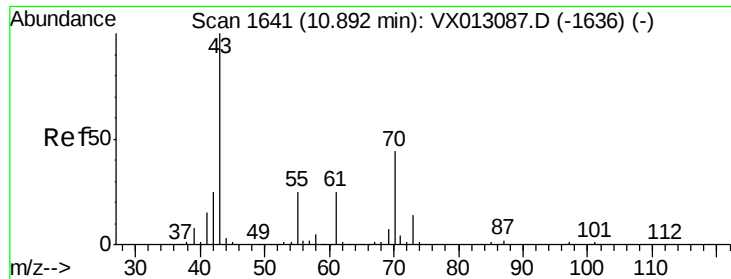
Tot Ion: 88 Resp: 5176
 Ion Ratio Lower Upper
 88 100
 43 34.3 26.0 39.0
 58 79.5 53.0 79.4#



#46
 Methyl methacrylate
 Concen: 5.035 ug/l
 RT: 7.76 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: VX013086.D
 Acq: 16 Oct 2019 10:34

Tgt Ion: 41 Resp: 10918
 Ion Ratio Lower Upper
 41 100
 69 78.0 48.1 144.3
 39 52.9 31.2 93.6

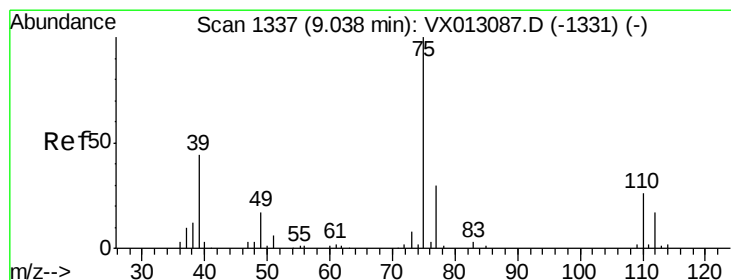
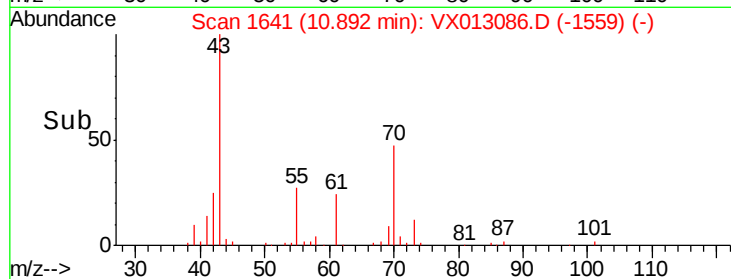
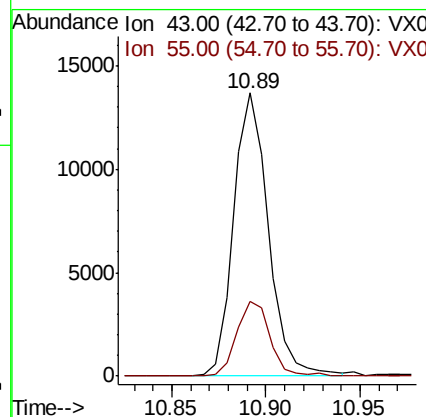
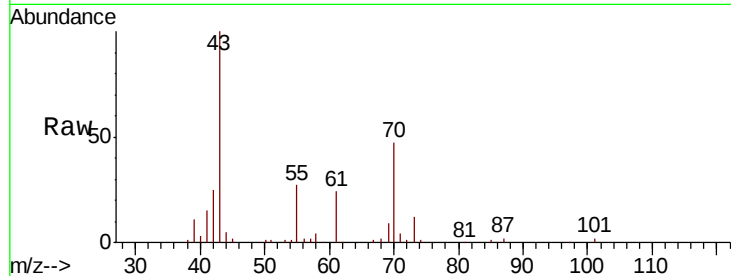




#47
n-amvl Acetate
Concen: 4.429 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX013086.D
Acq: 16 Oct 2019 10:34

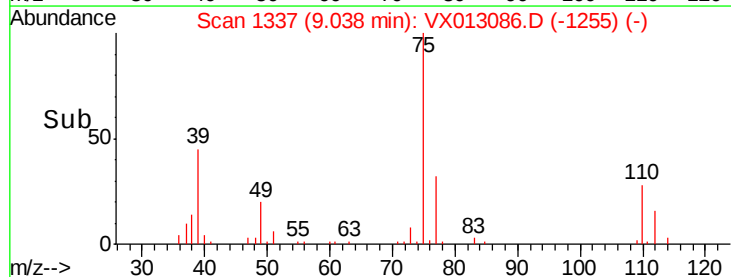
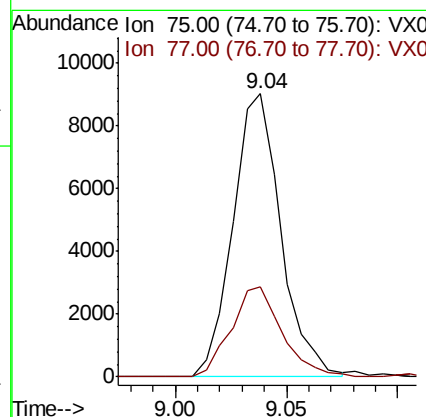
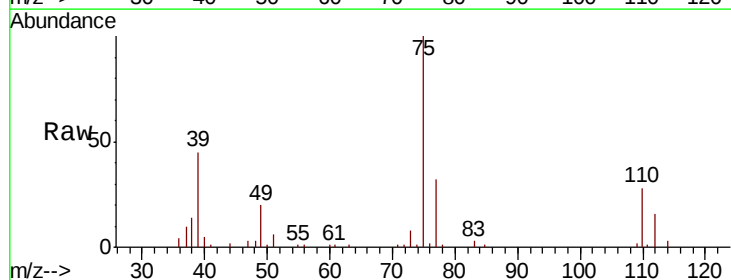
Instrument :
MSVOA_X
ClientSampleId :

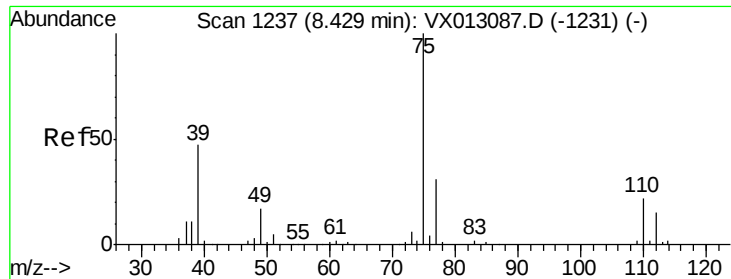
Tot Ion: 43 Resp: 17458
Ion Ratio Lower Upper
43 100
55 25.1 20.6 31.0



#48
t-1,3-Dichloropropene
Concen: 4.790 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013086.D
Acq: 16 Oct 2019 10:34

Tgt Ion: 75 Resp: 13560
Ion Ratio Lower Upper
75 100
77 31.9 23.7 35.5



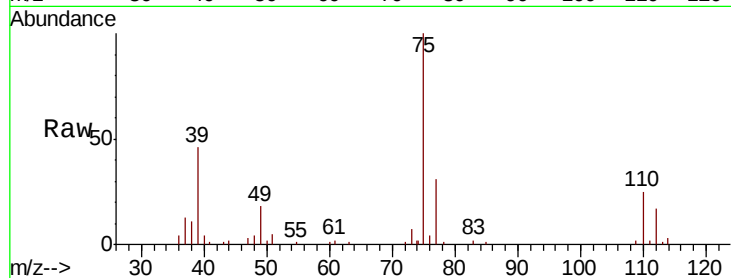


#49

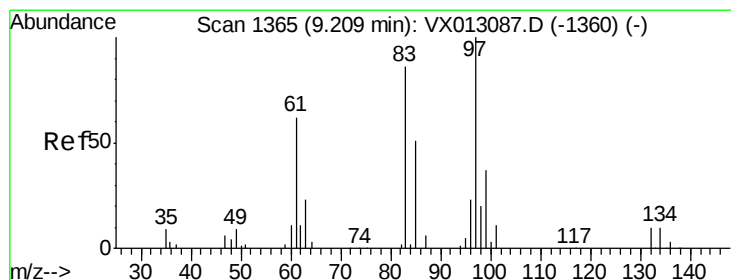
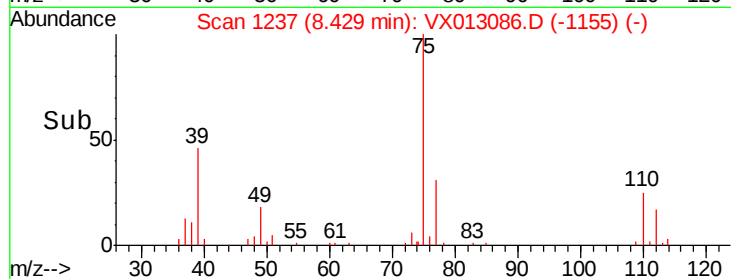
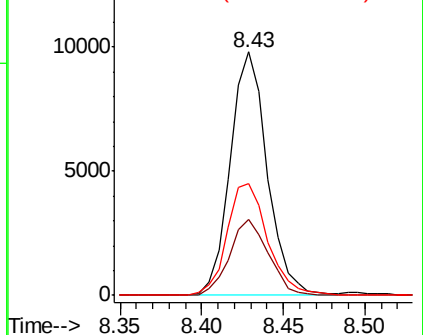
cis-1,3-Dichloropropene
 Concen: 5.012 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX013086.D
 Acq: 16 Oct 2019 10:34

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	24.7	37.1
39	45.8	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

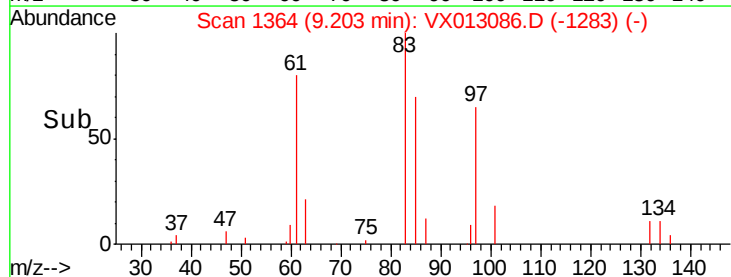
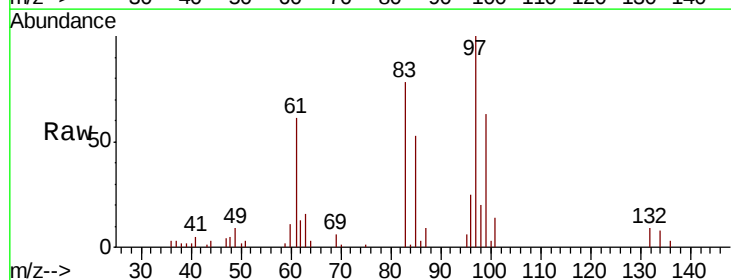
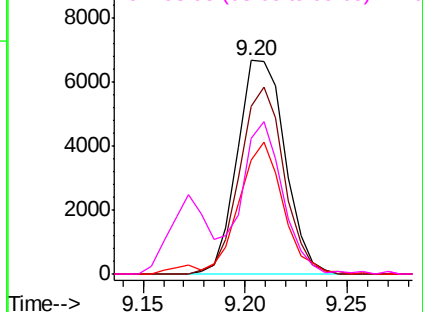


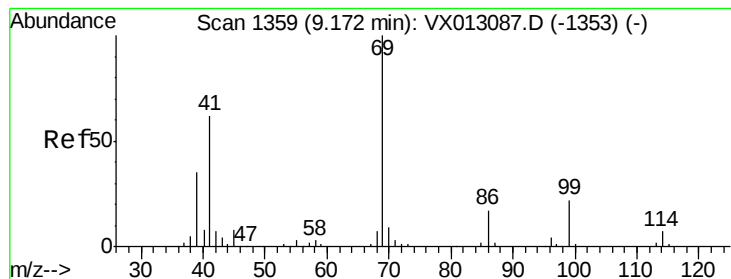
#50

1,1,2-Trichloroethane
 Concen: 5.157 ug/l
 RT: 9.20 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VX013086.D
 Acq: 16 Oct 2019 10:34

Tgt Ion	Ratio	Lower	Upper
97	100		
83	78.4	68.1	102.1
85	52.0	42.6	64.0
99	62.0	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: 4.574 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013086.D

Acq: 16 Oct 2019 10:34

Instrument :

MSVOA_X

ClientSampleId :

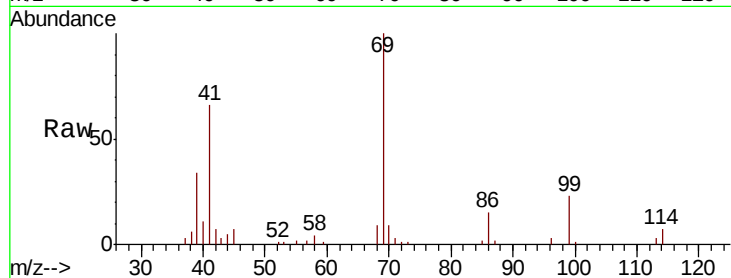
Tot Ion: 69 Resp: 14947

Ion Ratio Lower Upper

69 100

41 65.3 31.1 93.3

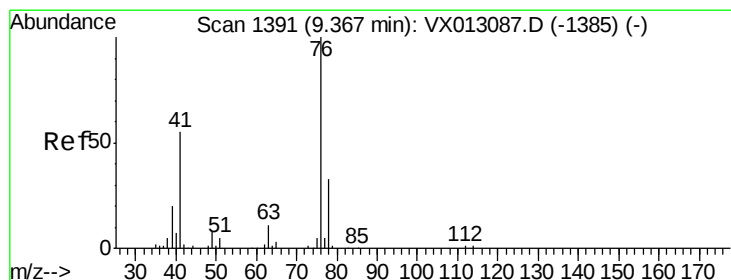
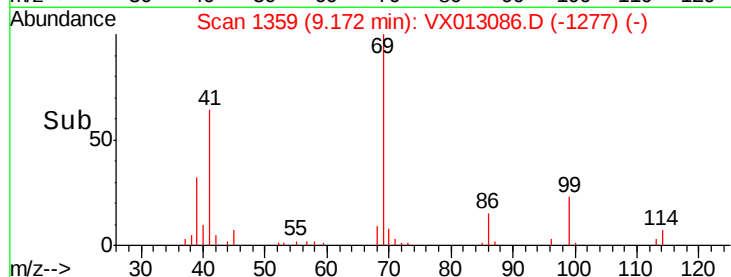
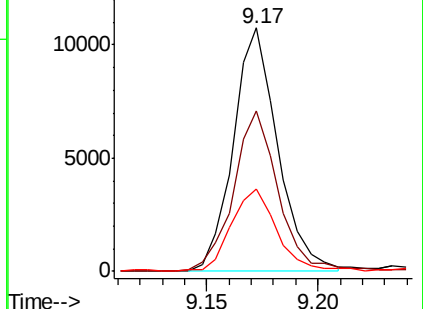
39 33.1 17.6 52.9



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: 5.161 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX013086.D

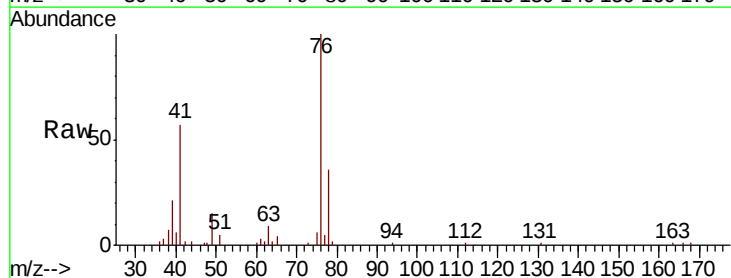
Acq: 16 Oct 2019 10:34

Tgt Ion: 76 Resp: 17654

Ion Ratio Lower Upper

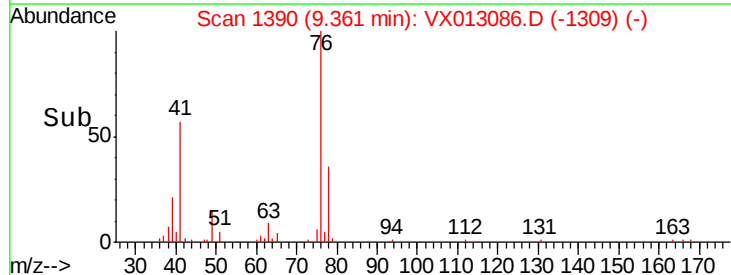
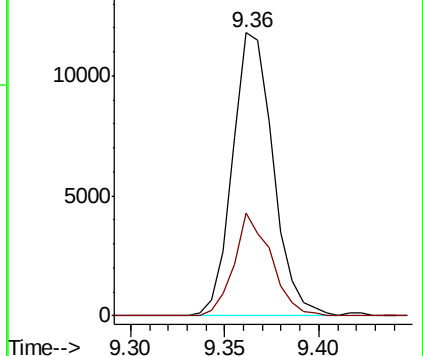
76 100

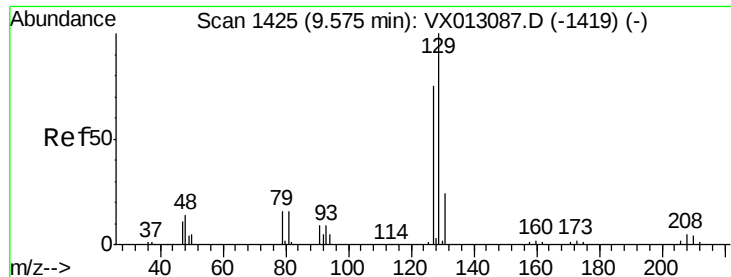
78 33.1 0.0 64.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

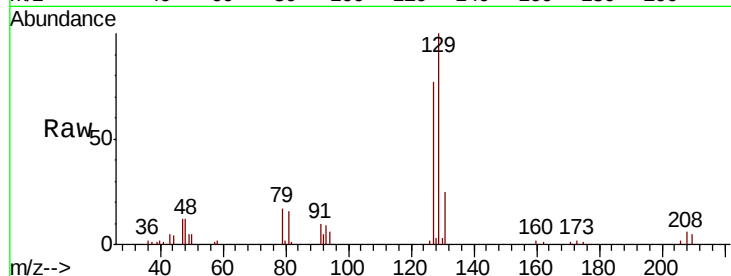




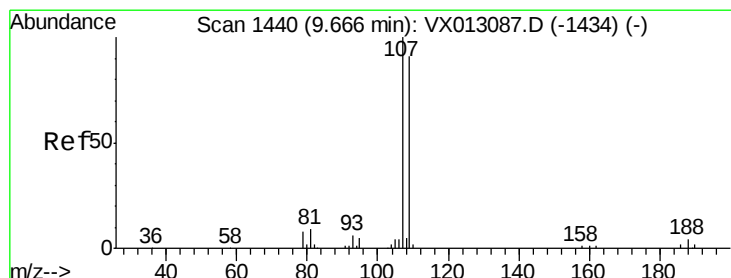
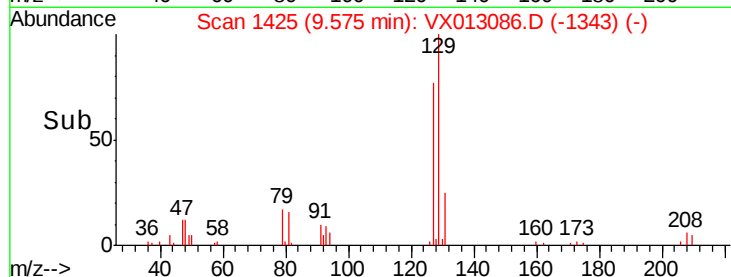
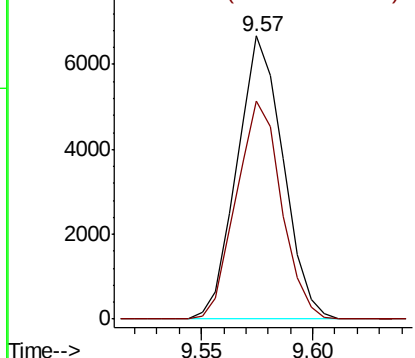
#53
Dibromochloromethane
Concen: 4.241 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX013086.D
Acq: 16 Oct 2019 10:34

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:129 Resp: 9608
Ion Ratio Lower Upper
129 100
127 75.7 38.0 113.9

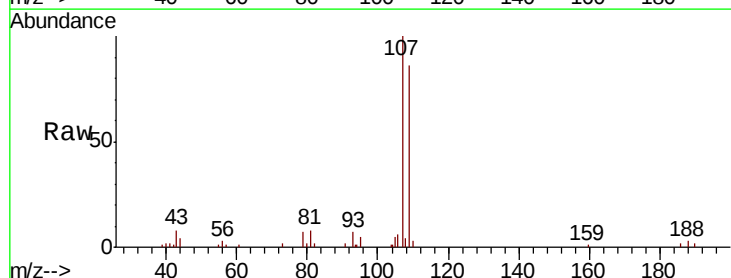


Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V

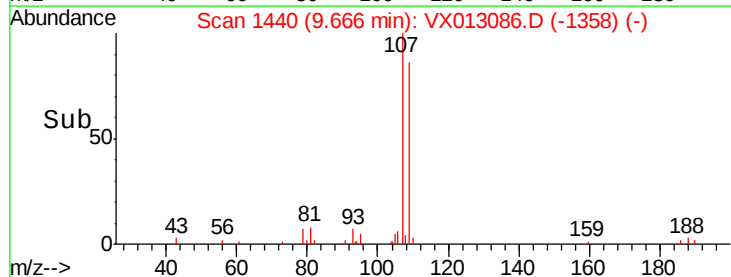
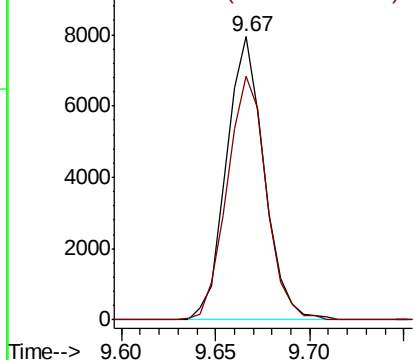


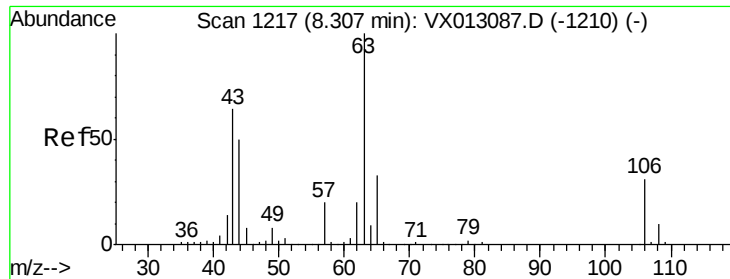
#54
1,2-Dibromoethane
Concen: 4.824 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VX013086.D
Acq: 16 Oct 2019 10:34

Tgt Ion:107 Resp: 11042
Ion Ratio Lower Upper
107 100
109 89.4 73.6 110.4



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

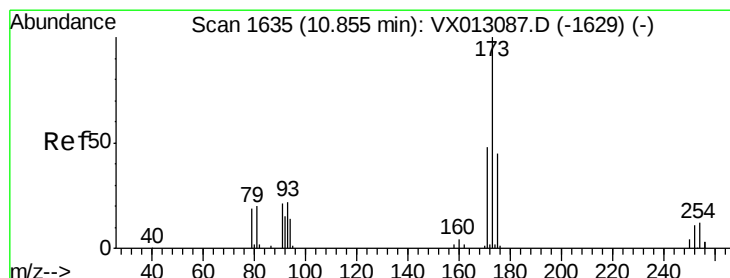
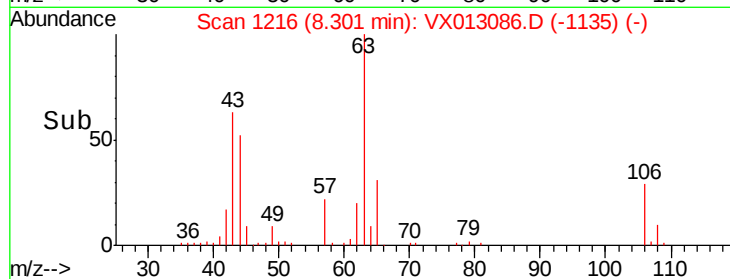
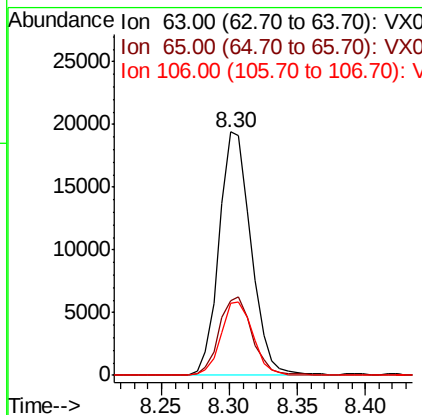
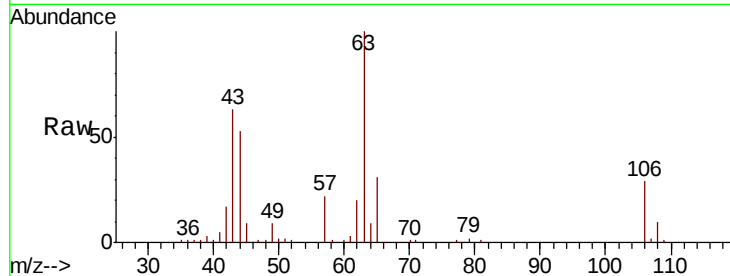




#55
2-Chloroethyl vinyl ether
Concen: 22.660 ug/l
RT: 8.30 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VX013086.D
Acq: 16 Oct 2019 10:34

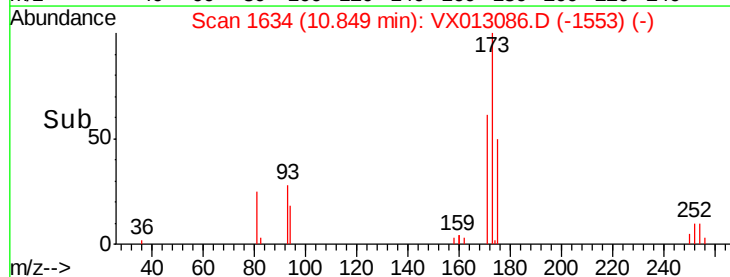
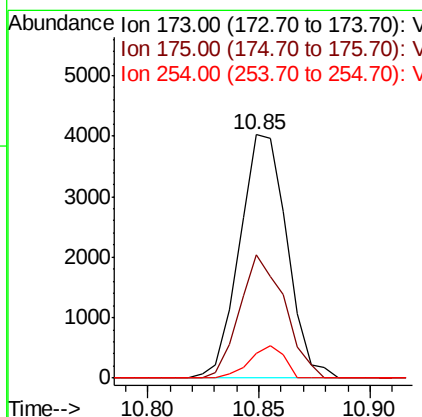
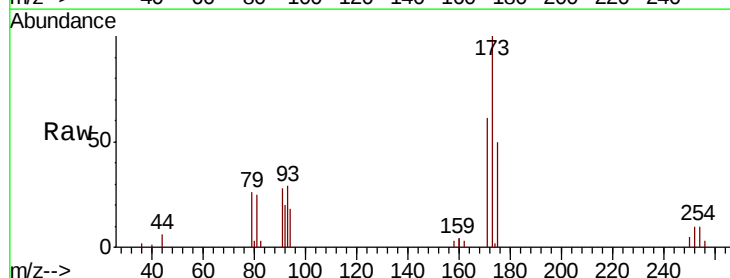
Instrument :
MSVOA_X
ClientSampled :

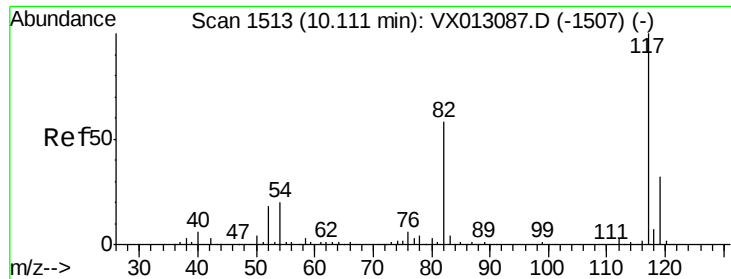
Tot Ion: 63 Resp: 31703
Ion Ratio Lower Upper
63 100
65 33.1 25.9 38.9
106 30.0 24.3 36.5



#56
Bromoform
Concen: 3.560 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX013086.D
Acq: 16 Oct 2019 10:34

Tgt Ion: 173 Resp: 5952
Ion Ratio Lower Upper
173 100
175 48.1 37.8 56.8
254 9.7 7.9 11.9

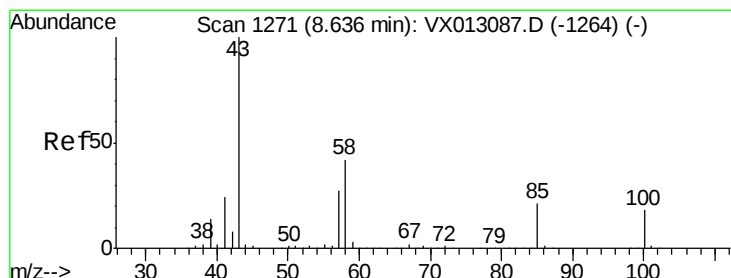
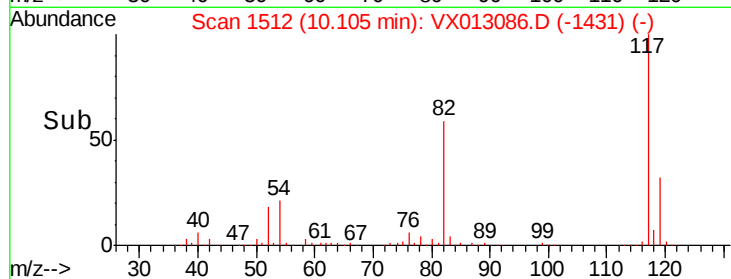
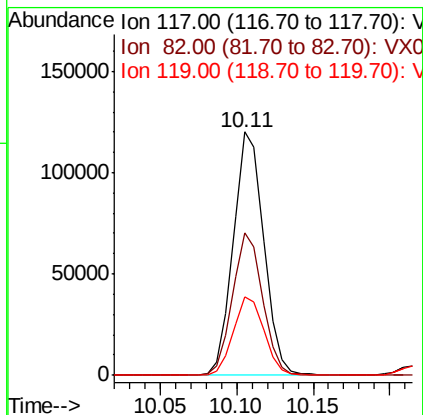
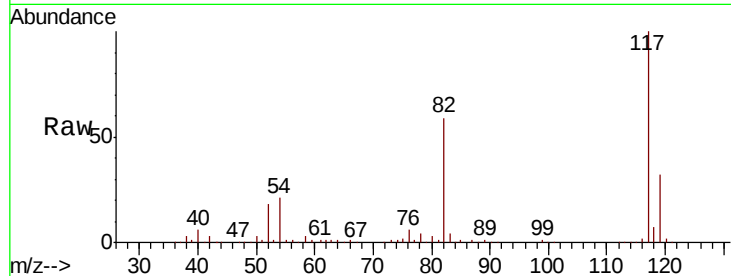




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013086.D
Acq: 16 Oct 2019 10:34

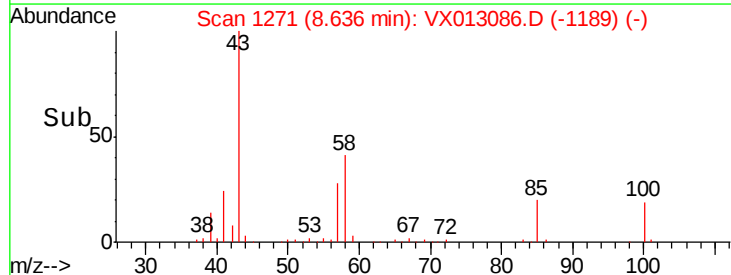
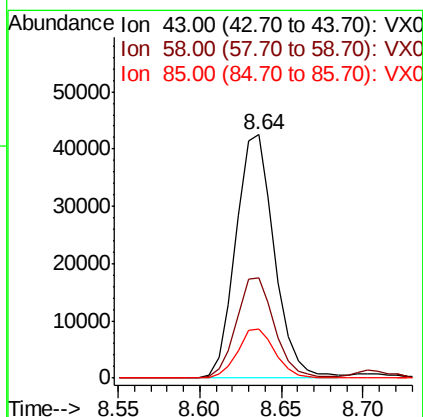
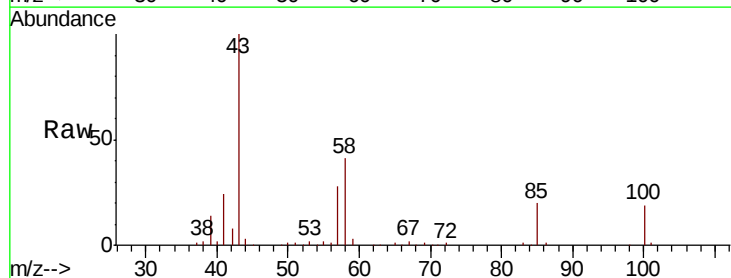
Instrument :
MSVOA_X
ClientSampleId :

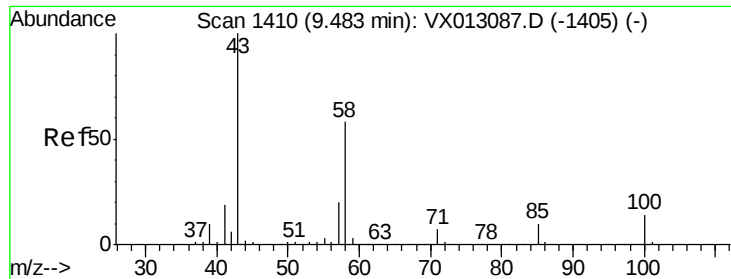
Tot Ion:117 Resp: 166058
Ion Ratio Lower Upper
117 100
82 58.0 46.7 70.1
119 32.6 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 24.601 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013086.D
Acq: 16 Oct 2019 10:34

Tgt Ion: 43 Resp: 70087
Ion Ratio Lower Upper
43 100
58 40.6 33.0 49.4
85 19.8 16.0 24.0

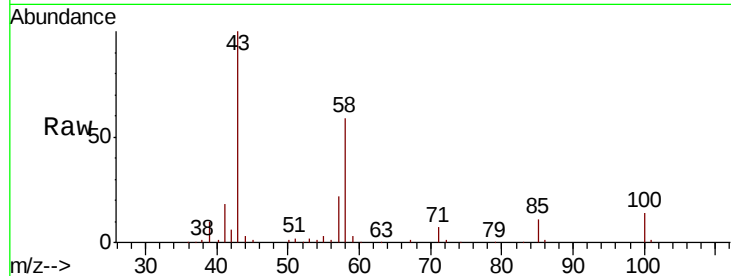




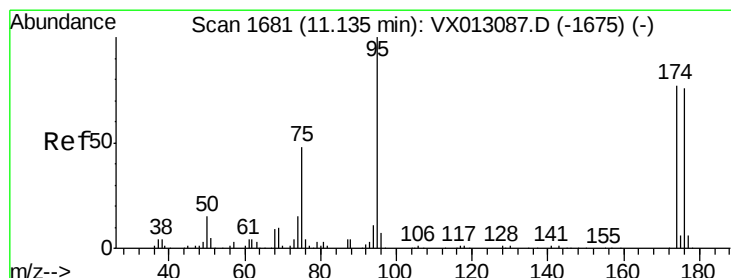
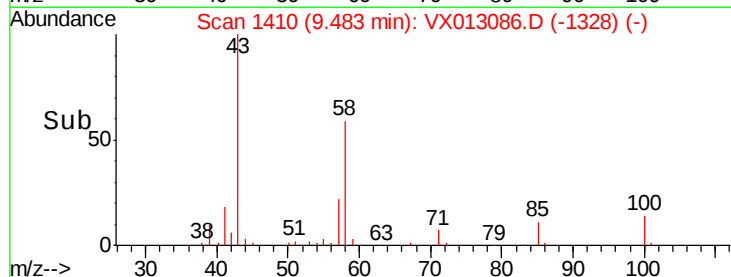
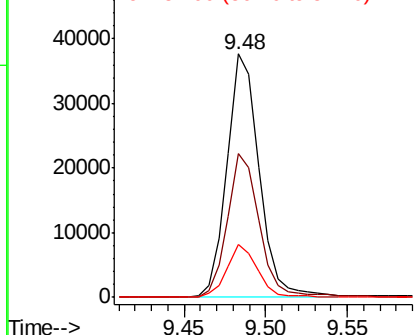
#59
2-Hexanone
Concen: 23.674 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013086.D
Acq: 16 Oct 2019 10:34

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 51908
Ion Ratio Lower Upper
43 100
58 58.0 45.4 68.2
57 20.5 16.2 24.2

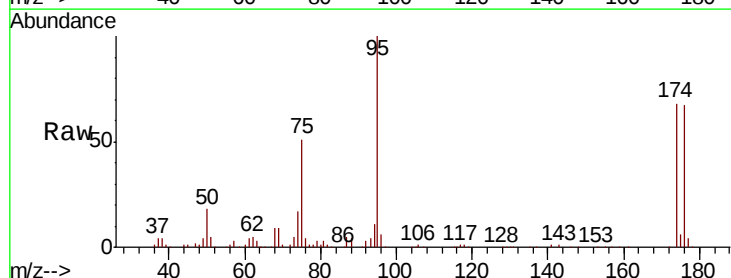


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

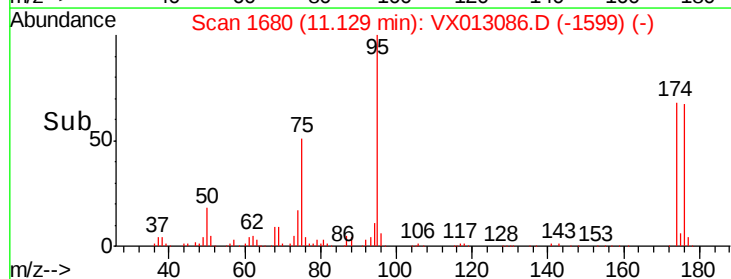
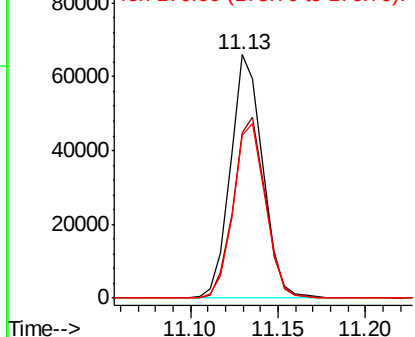


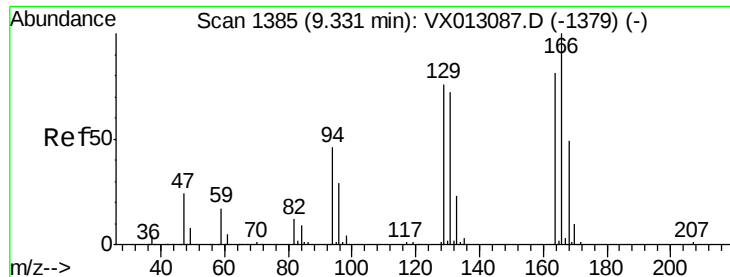
#60
4-Bromofluorobenzene
Concen: 30.228 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX013086.D
Acq: 16 Oct 2019 10:34

Tgt Ion: 95 Resp: 84160
Ion Ratio Lower Upper
95 100
174 74.6 58.8 88.2
176 72.0 56.6 84.8



Abundance Ion 95.00 (94.70 to 95.70): VX0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V





#61

Tetrachloroethene

Concen: 4.862 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX013086.D

Acq: 16 Oct 2019 10:34

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:164 Resp: 10650

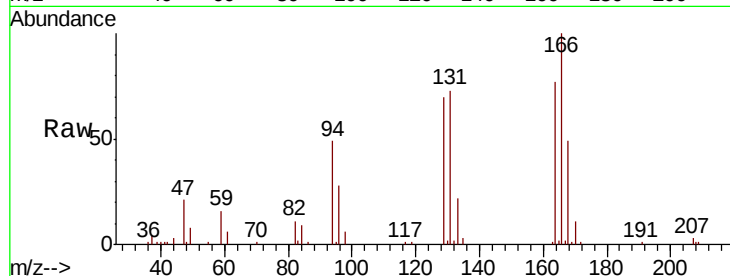
Ion Ratio Lower Upper

164 100

166 130.7 98.4 147.6

129 91.5 75.2 112.8

131 95.2 70.4 105.6

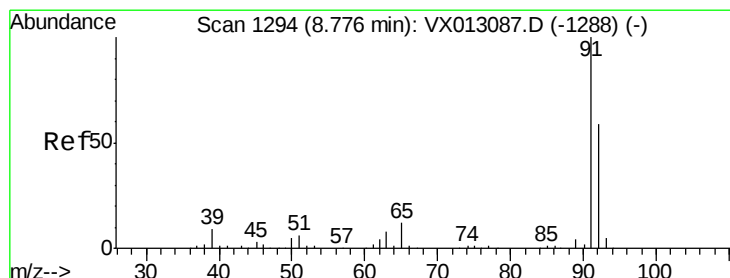
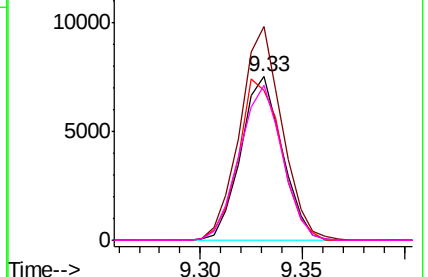
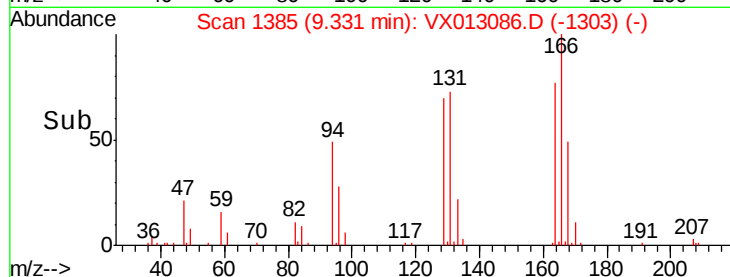


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 5.014 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX013086.D

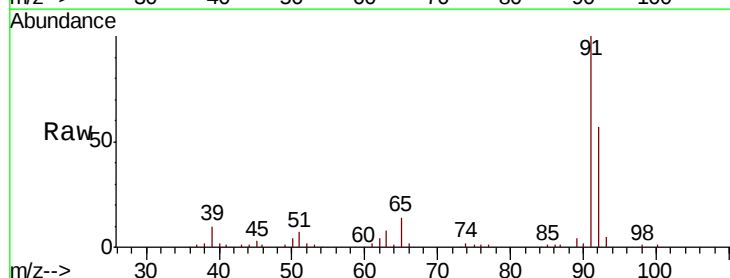
Acq: 16 Oct 2019 10:34

Tgt Ion: 91 Resp: 44408

Ion Ratio Lower Upper

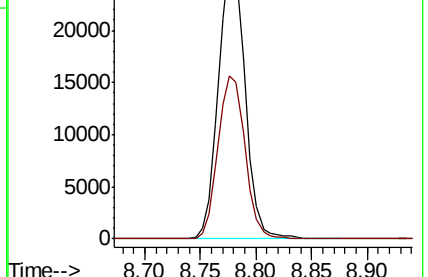
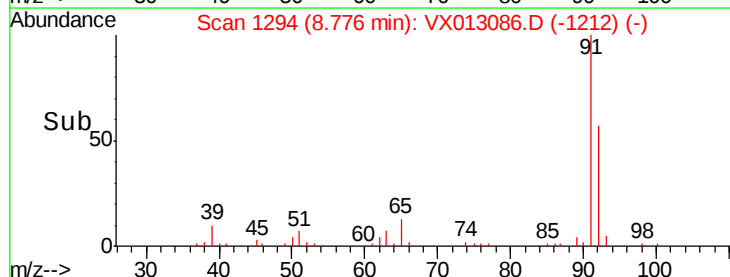
91 100

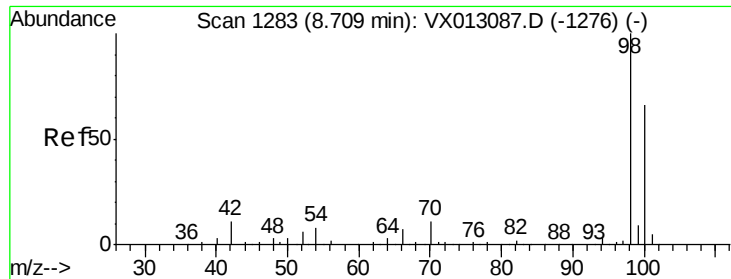
92 59.1 47.6 71.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 31.094 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013086.D

Acq: 16 Oct 2019 10:34

Instrument :

MSVOA_X

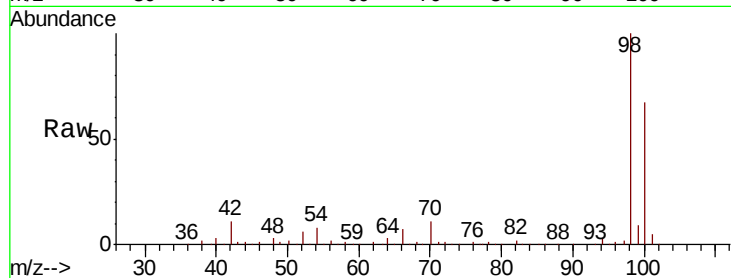
ClientSampleId :

Tot Ion: 98 Resp: 229027

Ion Ratio Lower Upper

98 100

100 67.5 53.8 80.6



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

Ion 100.00 (99.70 to 100.70): VX013087.D (-1276) (-)

8.71

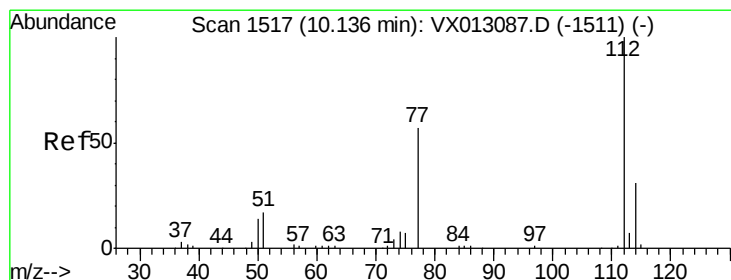
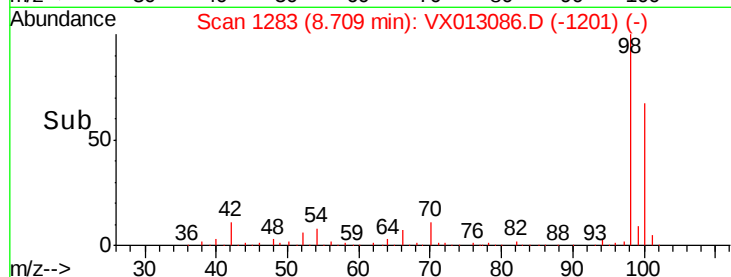
150000

100000

50000

0

Time--> 8.60 8.65 8.70 8.75 8.80



#64

Chlorobenzene

Concen: 4.969 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013086.D

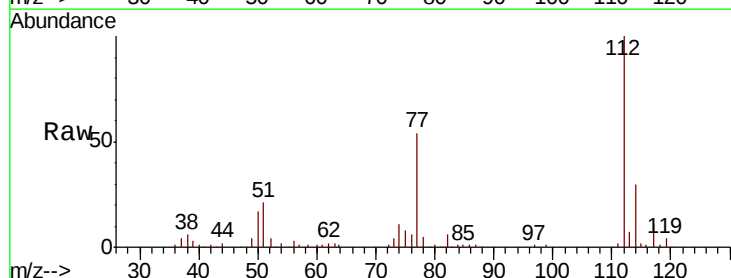
Acq: 16 Oct 2019 10:34

Tgt Ion: 112 Resp: 28167

Ion Ratio Lower Upper

112 100

114 30.0 25.2 37.8



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

Ion 114.00 (113.70 to 114.70): VX013087.D (-1511) (-)

10.14

20000

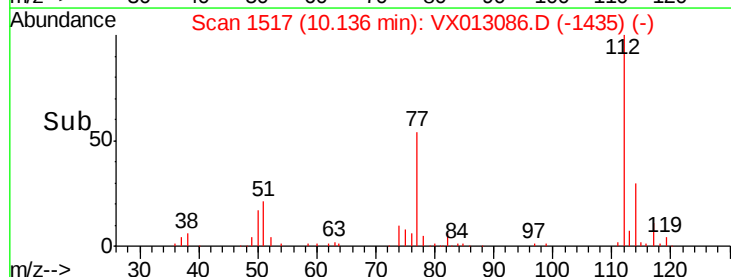
15000

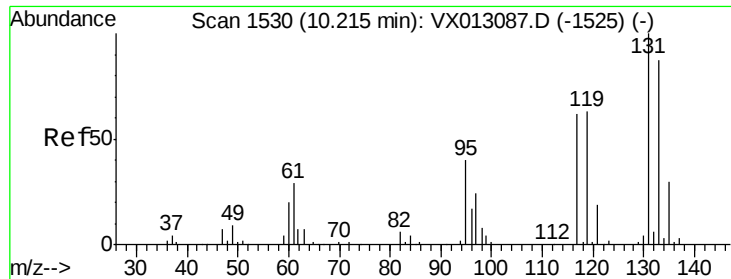
10000

5000

0

Time--> 10.10 10.15 10.20

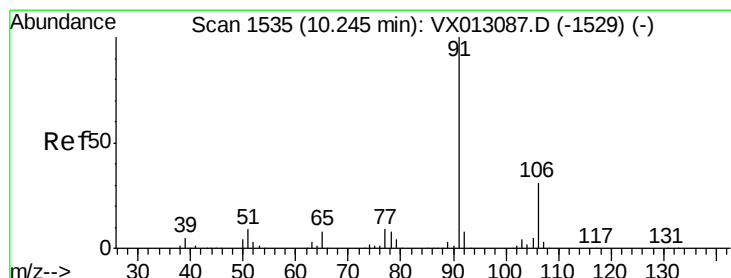
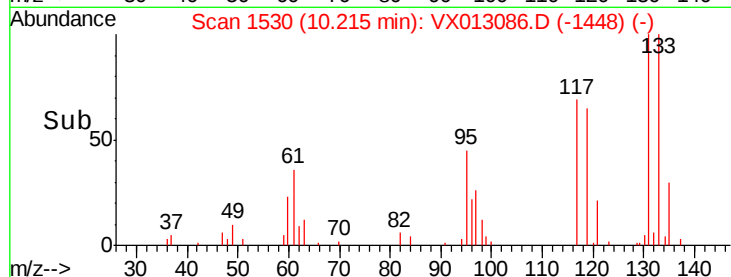
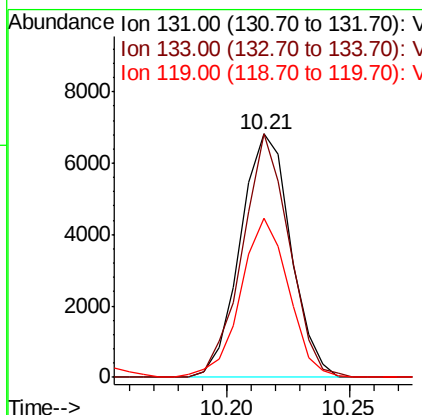
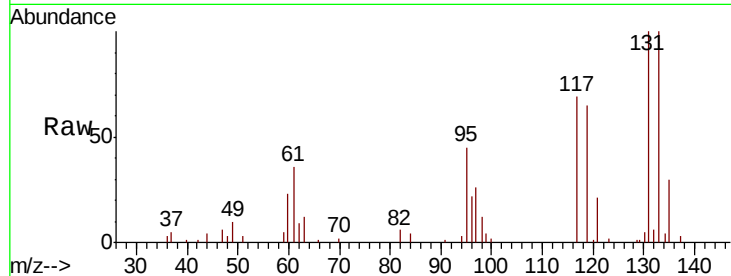




#65
 1,1,1,2-Tetrachloroethane
 Concen: 4.719 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX013086.D
 Acq: 16 Oct 2019 10:34

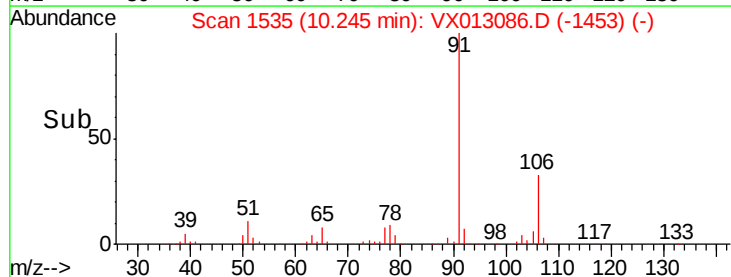
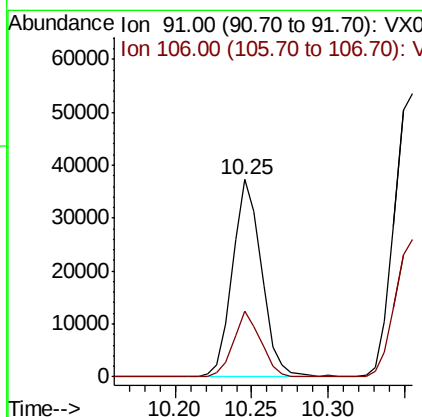
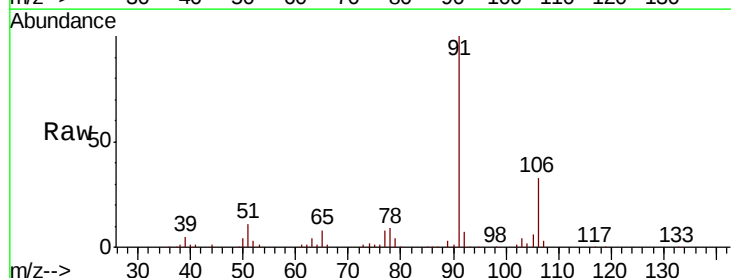
Instrument :
 MSVOA_X
 ClientSampled :

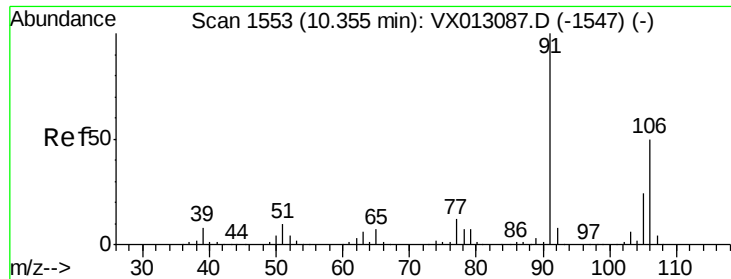
Tot Ion:131 Resp: 9783
 Ion Ratio Lower Upper
 131 100
 133 92.7 0.0 187.8
 119 62.3 0.0 128.4



#66
 Ethyl Benzene
 Concen: 4.951 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX013086.D
 Acq: 16 Oct 2019 10:34

Tgt Ion: 91 Resp: 49348
 Ion Ratio Lower Upper
 91 100
 106 33.5 25.0 37.4

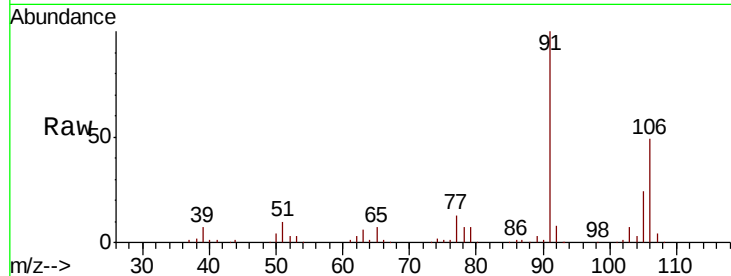




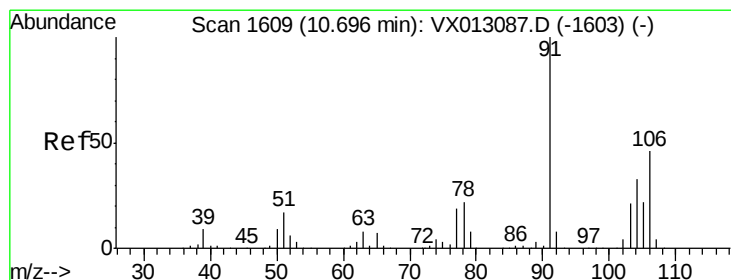
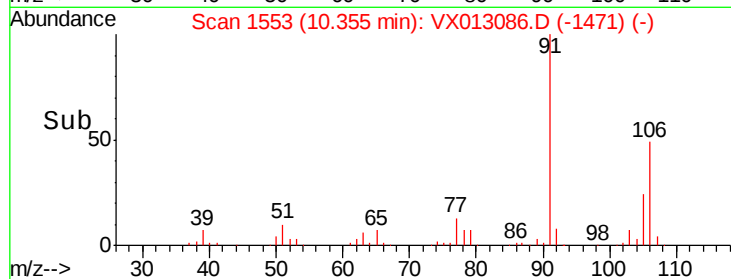
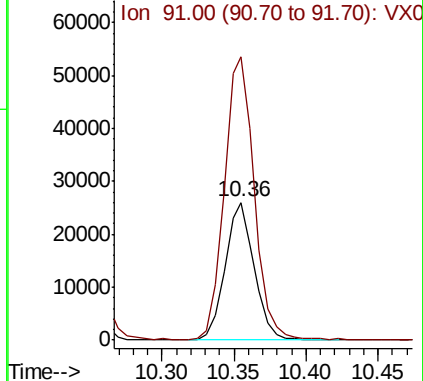
#67
m/p-Xylenes
Concen: 9.663 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013086.D
Acq: 16 Oct 2019 10:34

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 36684
Ion Ratio Lower Upper
106 100
91 212.4 162.6 243.8

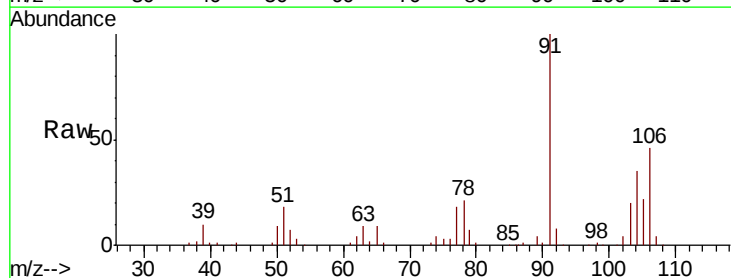


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

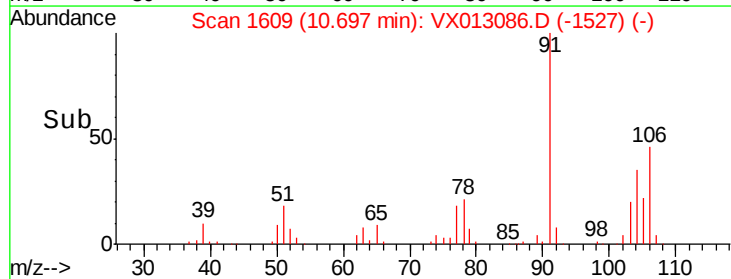
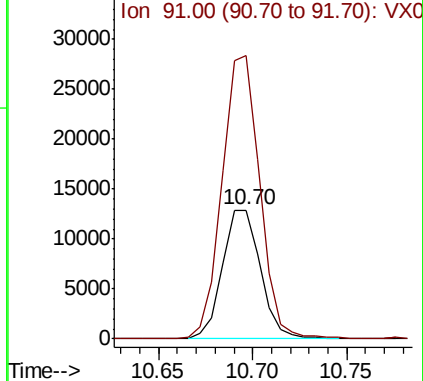


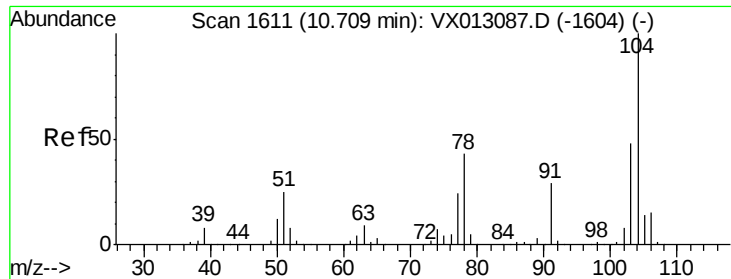
#68
o-Xylene
Concen: 4.867 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013086.D
Acq: 16 Oct 2019 10:34

Tgt Ion:106 Resp: 18130
Ion Ratio Lower Upper
106 100
91 218.0 109.1 327.3



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

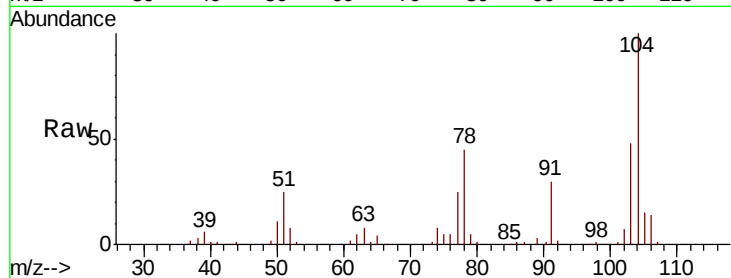




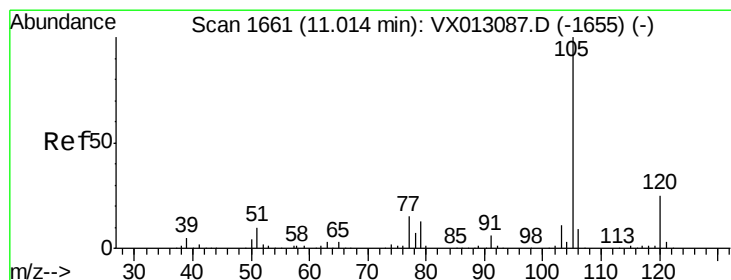
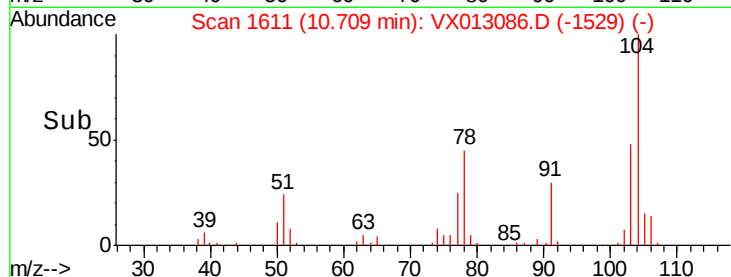
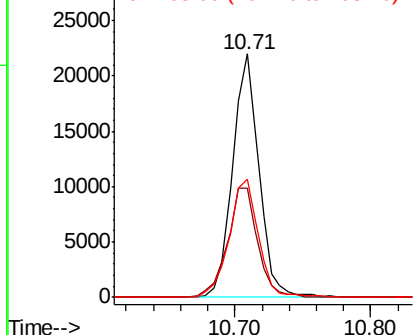
#69
Stvrene
Concen: 4.704 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013086.D
Acq: 16 Oct 2019 10:34

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:104 Resp: 29565
Ion Ratio Lower Upper
104 100
78 51.6 41.0 61.4
103 53.2 42.8 64.2

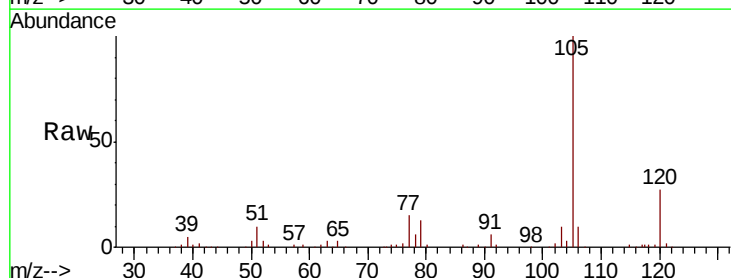


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

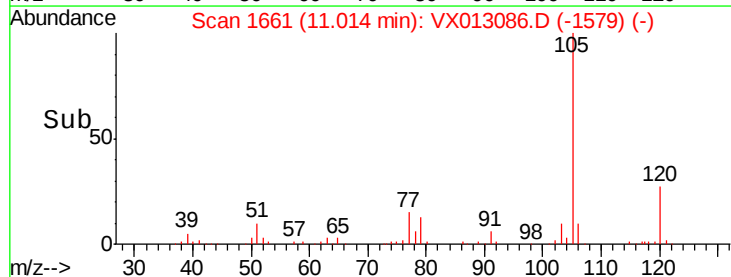
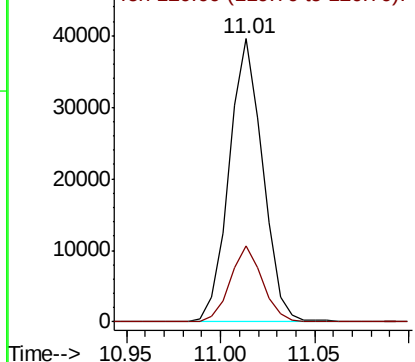


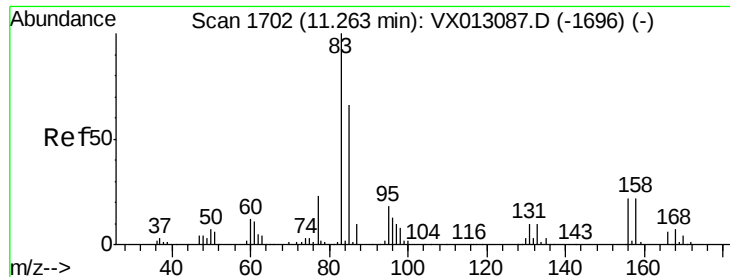
#70
Isopropylbenzene
Concen: 4.922 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013086.D
Acq: 16 Oct 2019 10:34

Tgt Ion:105 Resp: 48844
Ion Ratio Lower Upper
105 100
120 25.6 17.9 33.3



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

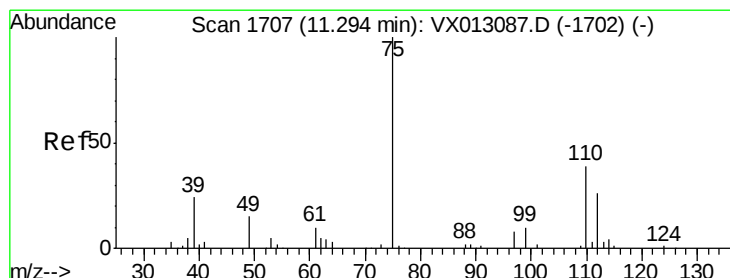
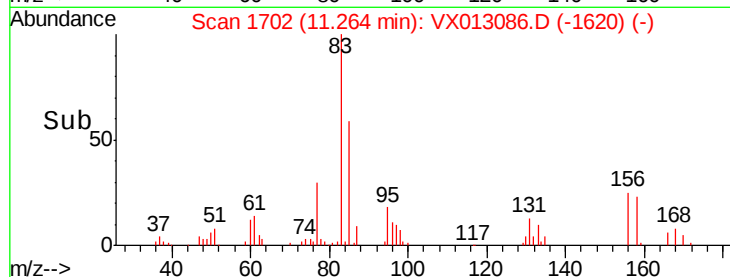
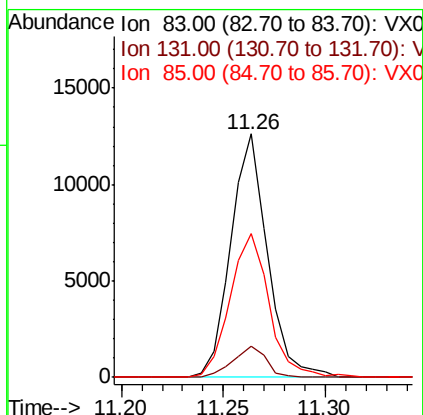
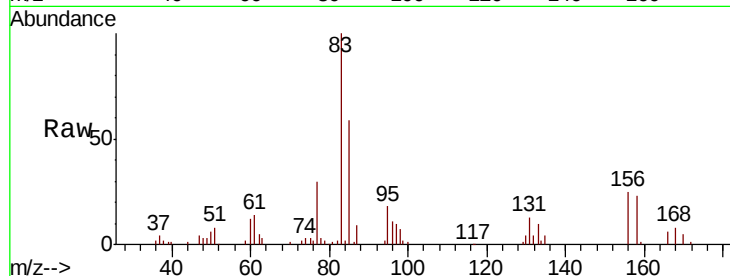




#71
 1,1,2,2-Tetrachloroethane
 Concen: 4.876 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VX013086.D
 Acq: 16 Oct 2019 10:34

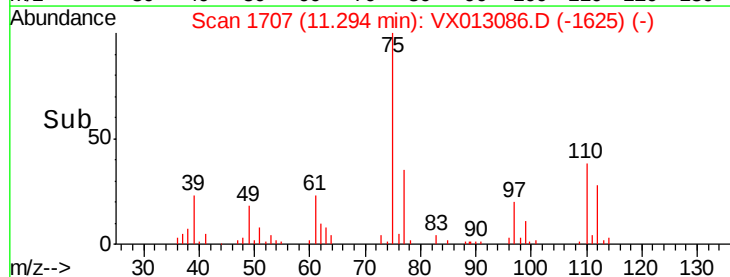
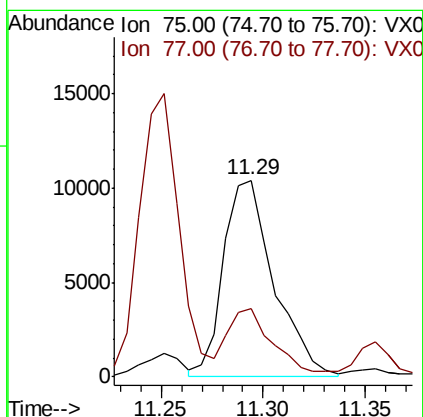
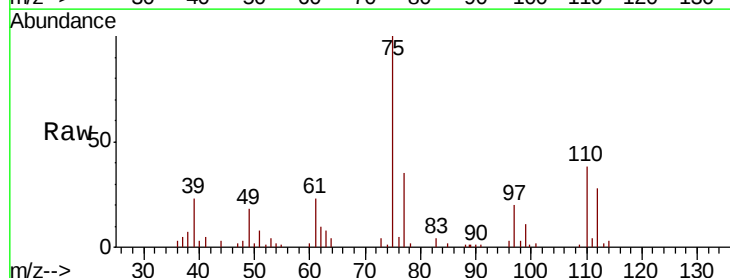
Instrument :
 MSVOA_X
 ClientSampleId :

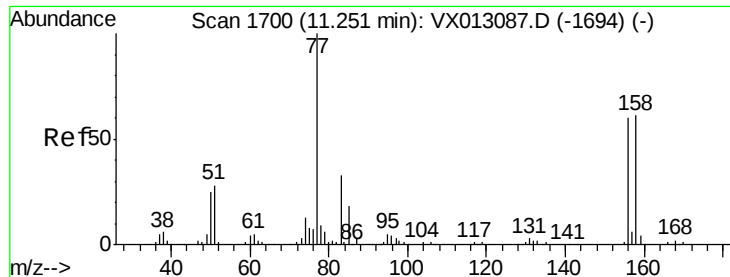
Tot Ion: 83 Resp: 15658
 Ion Ratio Lower Upper
 83 100
 131 11.5 4.9 14.6
 85 62.5 31.9 95.9



#72
 1,2,3-Trichloropropane
 Concen: 6.733 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX013086.D
 Acq: 16 Oct 2019 10:34

Tgt Ion: 75 Resp: 17940
 Ion Ratio Lower Upper
 75 100
 77 30.2 0.0 87.8





#73

Bromobenzene

Concen: 4.663 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013086.D

Acq: 16 Oct 2019 10:34

Instrument :

MSVOA_X

ClientSampleId :

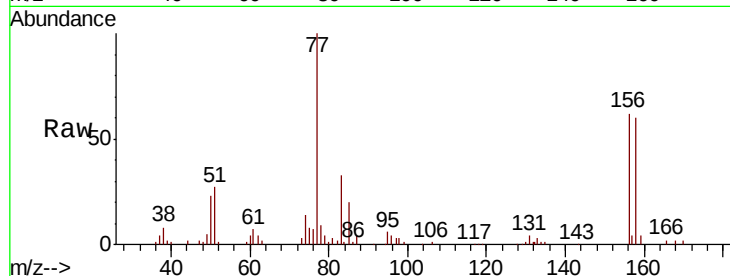
Tot Ion:156 Resp: 12161

Ion Ratio Lower Upper

156 100

77 166.4 0.0 344.0

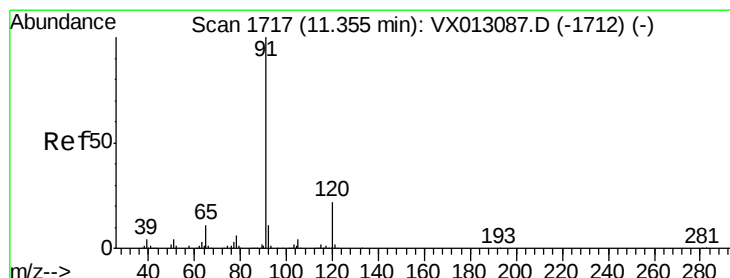
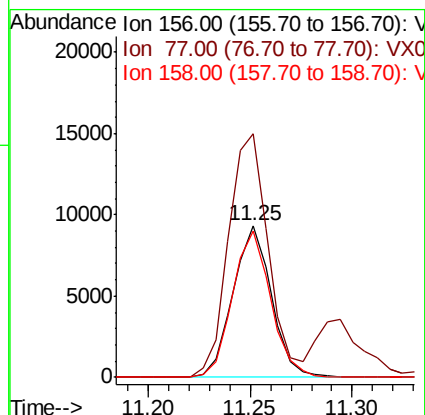
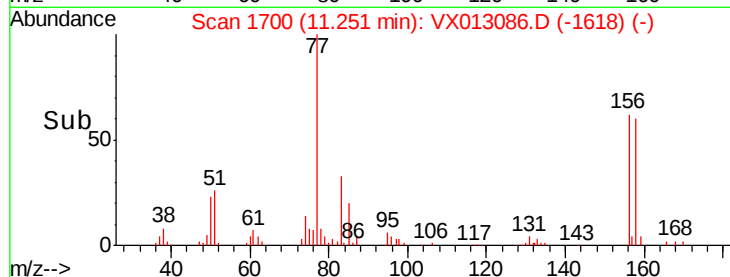
158 95.6 0.0 195.6



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 4.572 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013086.D

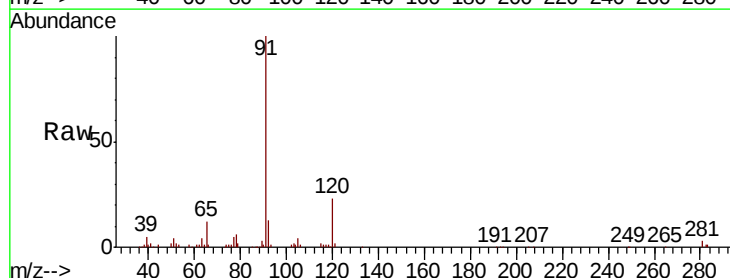
Acq: 16 Oct 2019 10:34

Tgt Ion: 91 Resp: 51103

Ion Ratio Lower Upper

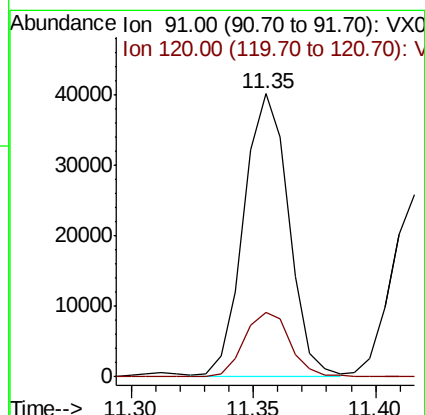
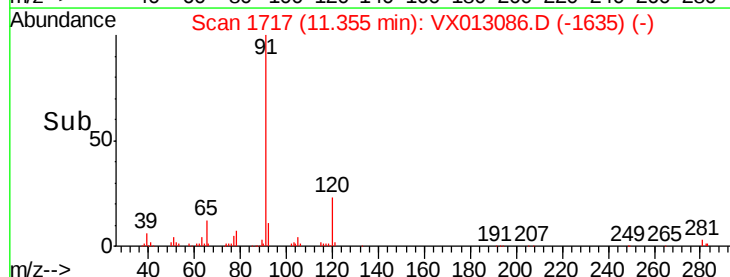
91 100

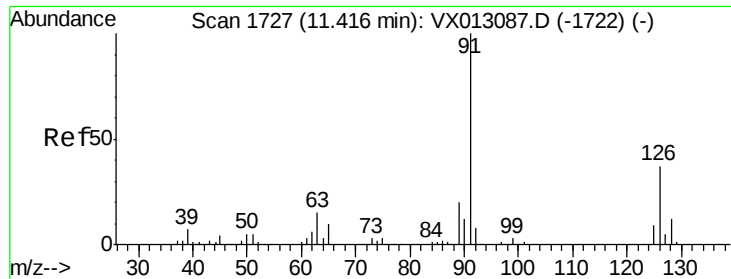
120 23.4 0.0 45.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 4.948 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013086.D

Acq: 16 Oct 2019 10:34

Instrument :

MSVOA_X

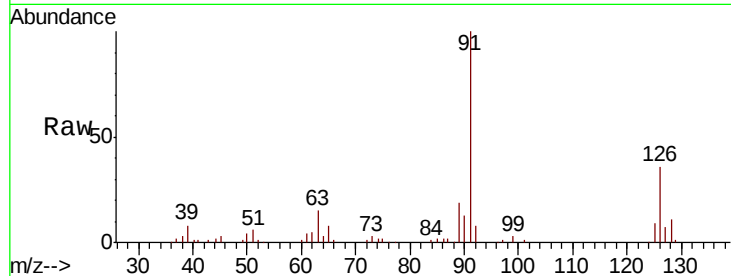
ClientSampleId :

Tot Ion: 91 Resp: 32964

Ion Ratio Lower Upper

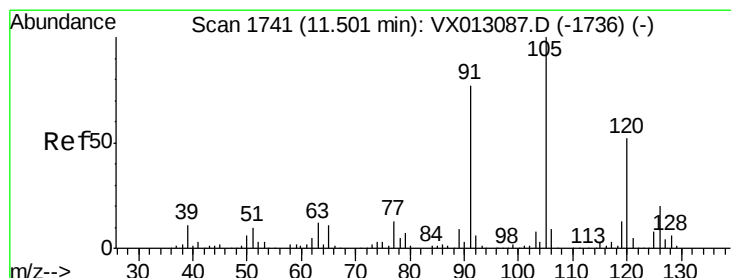
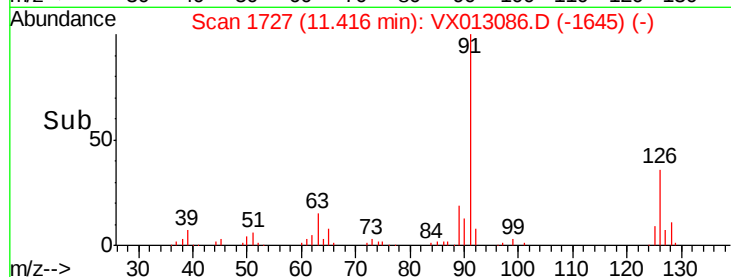
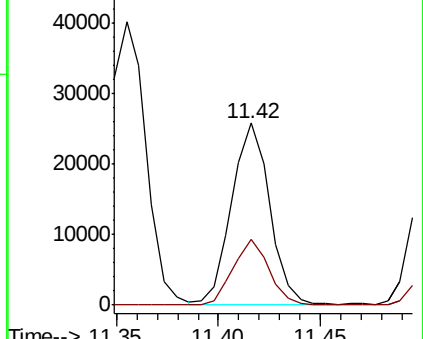
91 100

126 34.2 0.0 66.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 4.758 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013086.D

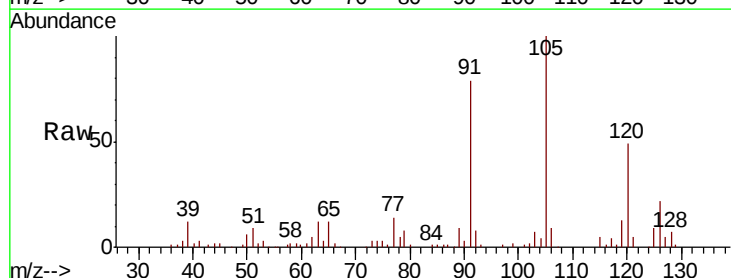
Acq: 16 Oct 2019 10:34

Tgt Ion: 105 Resp: 39892

Ion Ratio Lower Upper

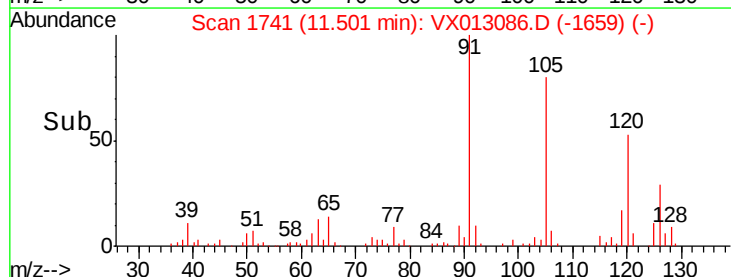
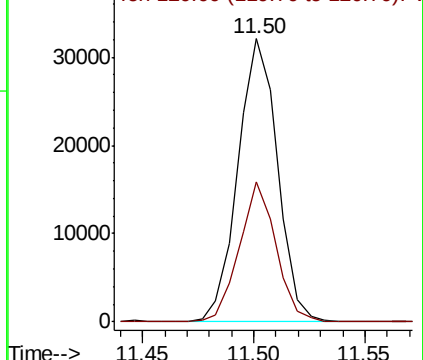
105 100

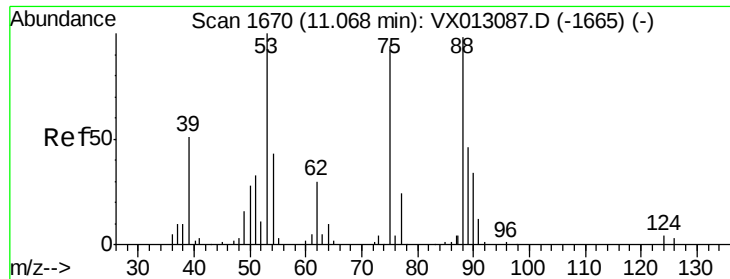
120 45.8 0.0 96.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 4.304 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013086.D

Acq: 16 Oct 2019 10:34

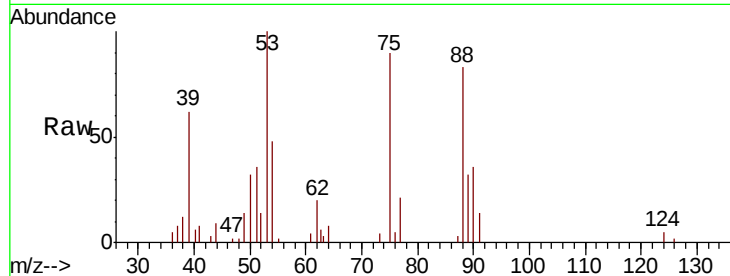
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 3947

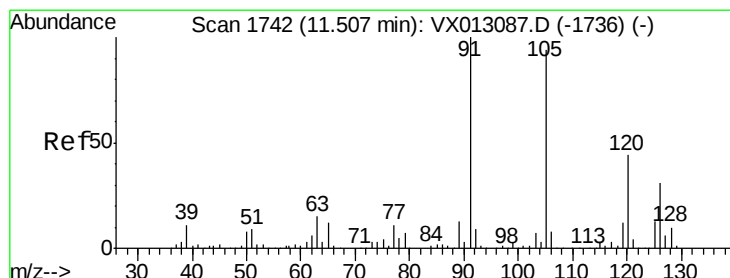
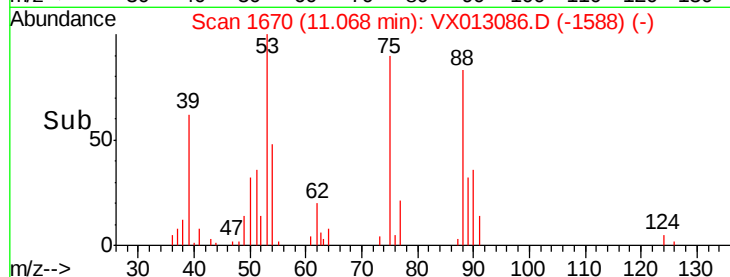
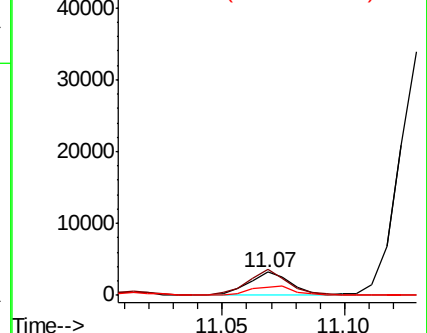
Ion	Ratio	Lower	Upper
75	100		
53	111.0	53.1	159.4
89	35.8	24.6	73.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 4.833 ug/l

RT: 11.51 min Scan# 1742

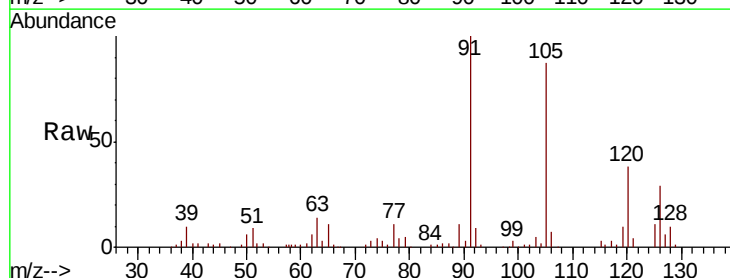
Delta R.T. 0.00 min

Lab File: VX013086.D

Acq: 16 Oct 2019 10:34

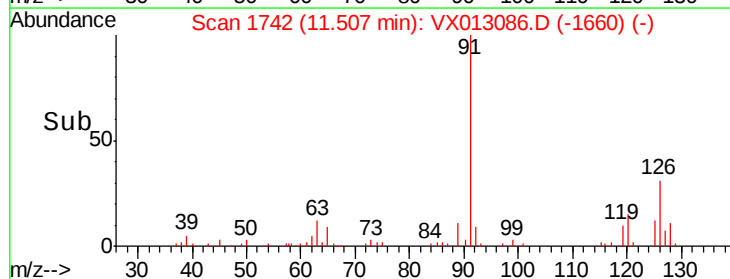
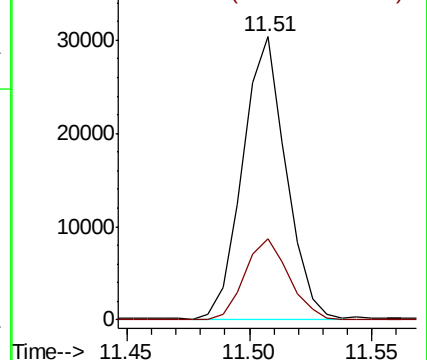
Tgt Ion: 91 Resp: 37103

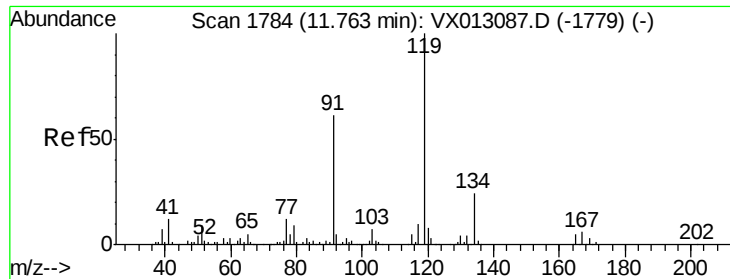
Ion	Ratio	Lower	Upper
91	100		
126	29.5	0.0	57.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V





#79

tert-butylbenzene

Concen: 4.496 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX013086.D

Acq: 16 Oct 2019 10:34

Instrument :

MSVOA_X

ClientSampleId :

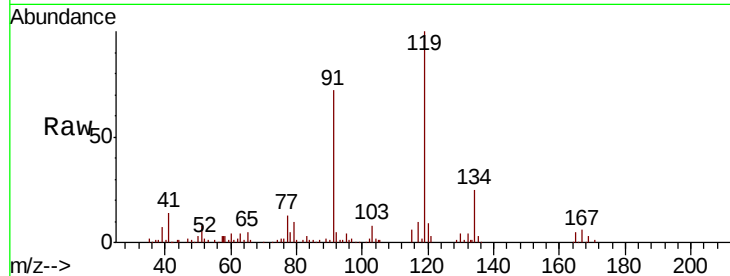
Tot Ion:119 Resp: 36458

Ion Ratio Lower Upper

119 100

91 65.1 0.0 122.2

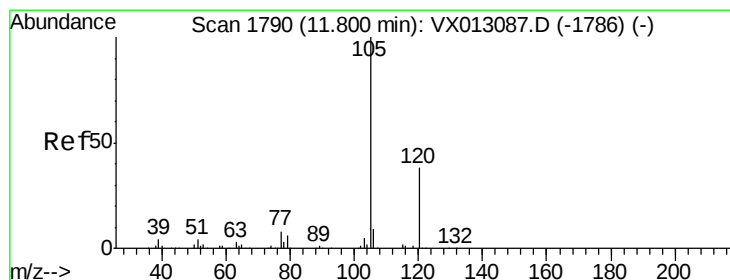
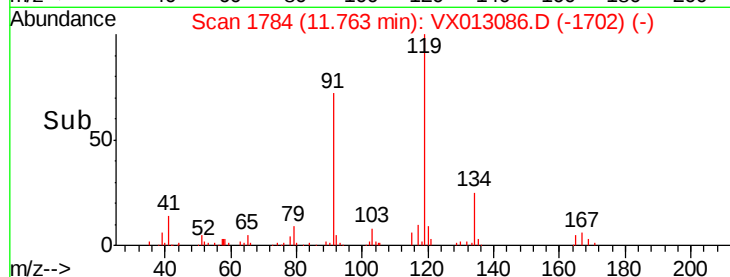
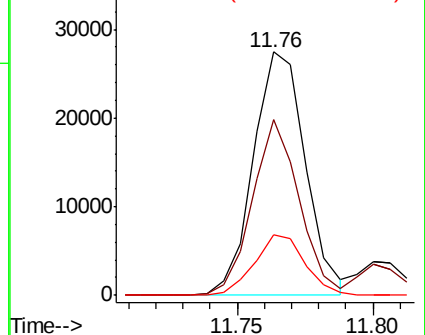
134 24.0 0.0 46.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 4.590 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX013086.D

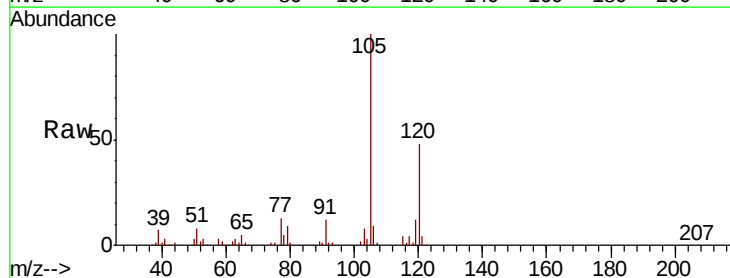
Acq: 16 Oct 2019 10:34

Tgt Ion:105 Resp: 38807

Ion Ratio Lower Upper

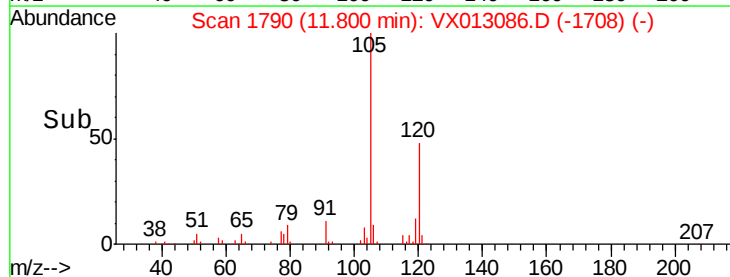
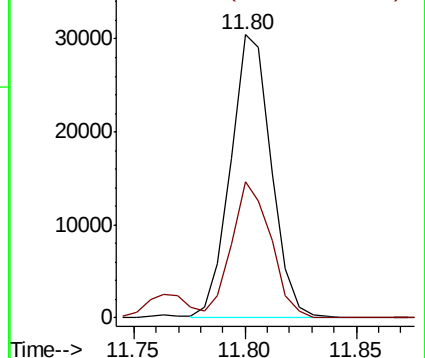
105 100

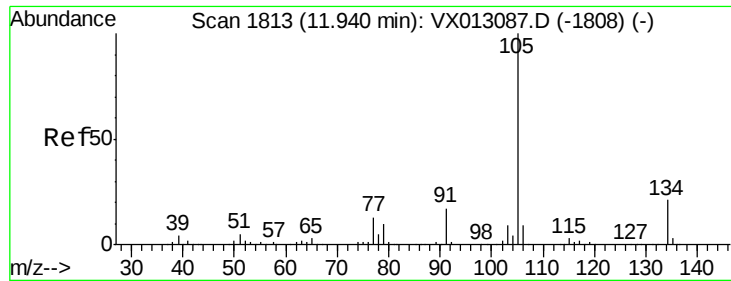
120 45.8 0.0 85.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

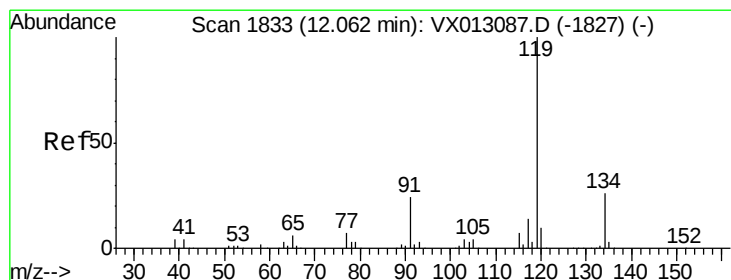
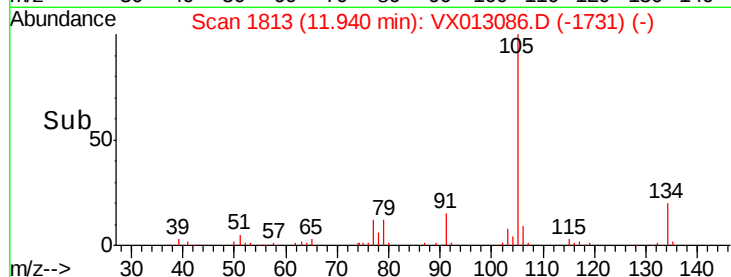
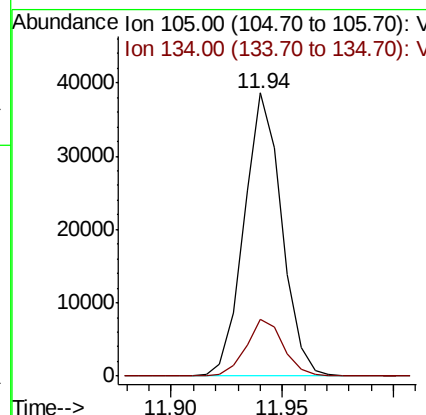
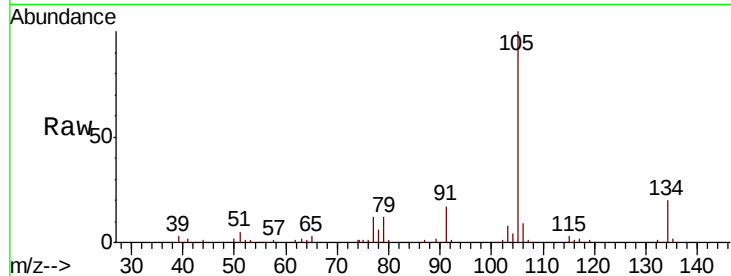




#81
 sec-Butylbenzene
 Concen: 4.754 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013086.D
 Acq: 16 Oct 2019 10:34

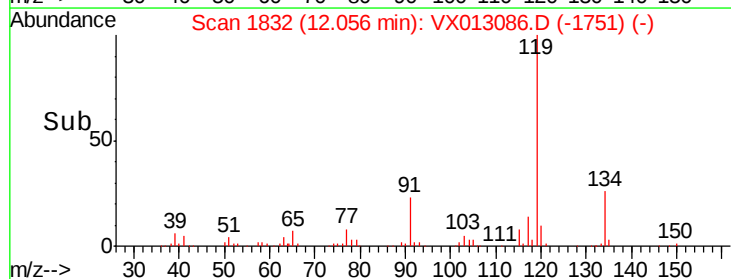
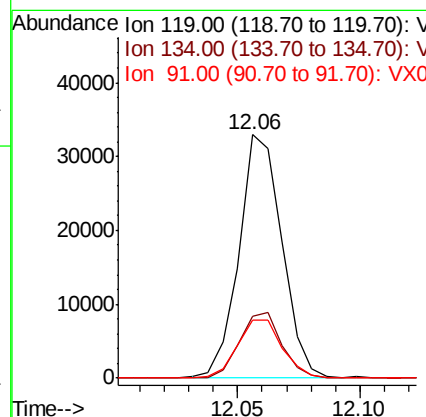
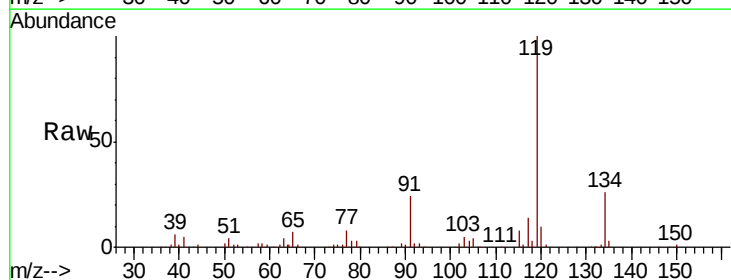
Instrument :
 MSVOA_X
 ClientSampleId :

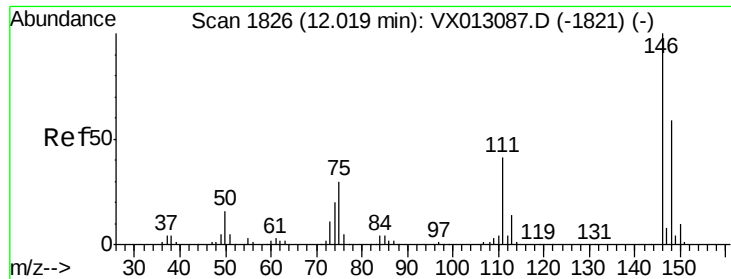
Tot Ion:105 Resp: 45442
 Ion Ratio Lower Upper
 105 100
 134 19.9 0.0 39.6



#82
 p-Isopropyltoluene
 Concen: 4.516 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX013086.D
 Acq: 16 Oct 2019 10:34

Tgt Ion:119 Resp: 39795
 Ion Ratio Lower Upper
 119 100
 134 26.9 0.0 52.0
 91 25.8 0.0 50.4

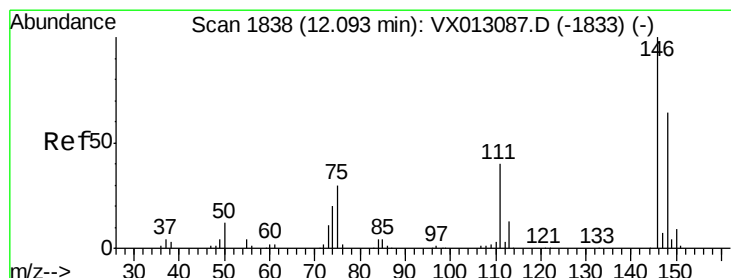
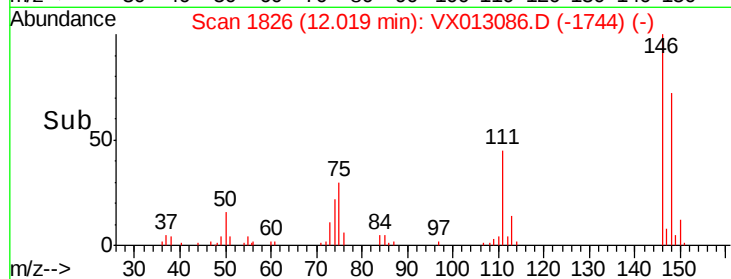
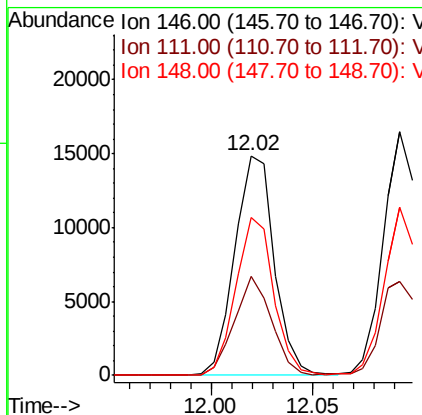
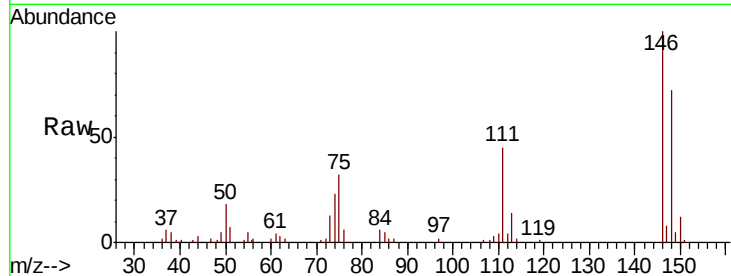




#83
 1,3-Dichlorobenzene
 Concen: 4.292 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013086.D
 Acq: 16 Oct 2019 10:34

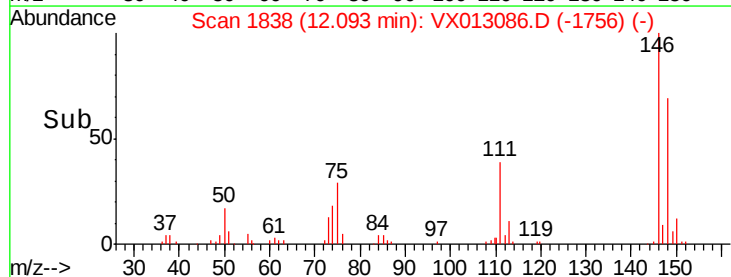
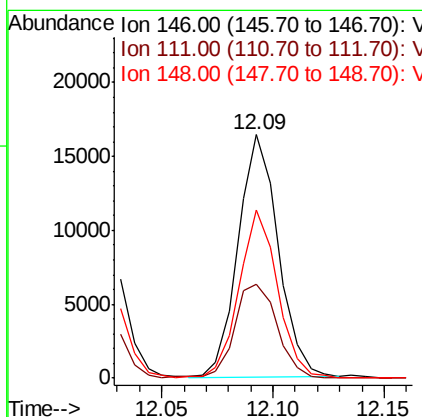
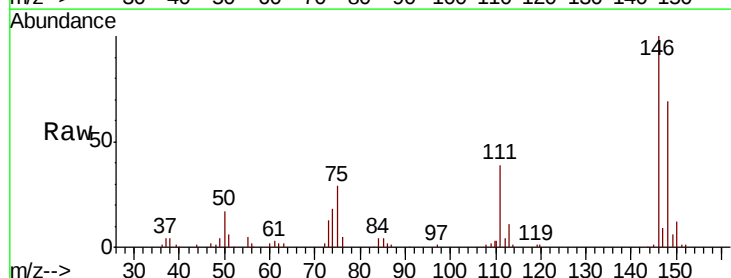
Instrument :
 MSVOA_X
 ClientSampled :

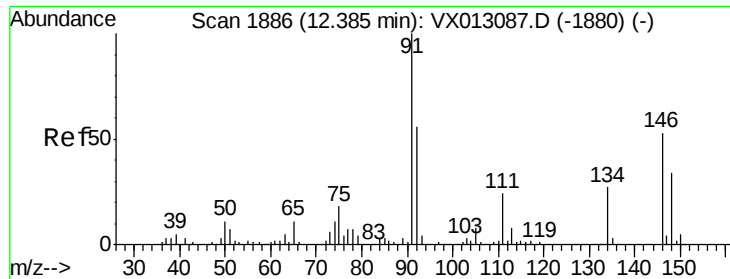
Tot Ion:146 Resp: 19958
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.3 63.9
 148 69.6 30.4 91.2



#84
 1,4-Dichlorobenzene
 Concen: 4.498 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013086.D
 Acq: 16 Oct 2019 10:34

Tgt Ion:146 Resp: 20684
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.0 59.9
 148 66.2 31.9 95.7





#85

n-Butylbenzene

Concen: 4.397 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013086.D

Acq: 16 Oct 2019 10:34

Instrument :

MSVOA_X

ClientSampleId :

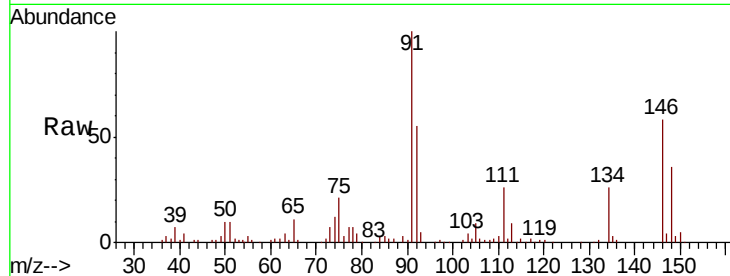
Tot Ion: 91 Resp: 33092

Ion Ratio Lower Upper

91 100

92 55.1 0.0 109.4

134 26.5 0.0 51.6

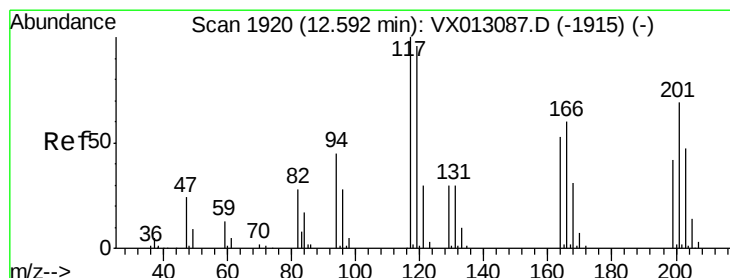
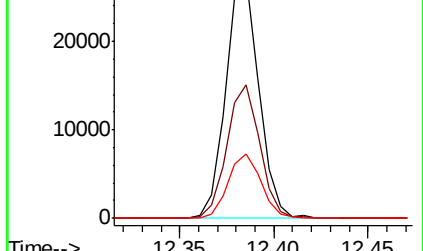
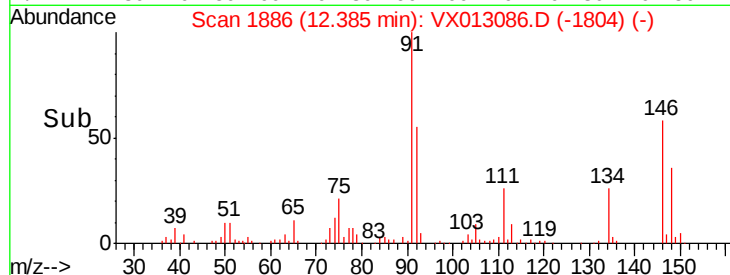


Abundance Ion 91.00 (90.70 to 91.70): VX013086.D (-1880) (-)

Ion 92.00 (91.70 to 92.70): VX013086.D (-1880) (-)

Ion 134.00 (133.70 to 134.70): VX013086.D (-1880) (-)

Time-->



#86

Hexachloroethane

Concen: 4.441 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX013086.D

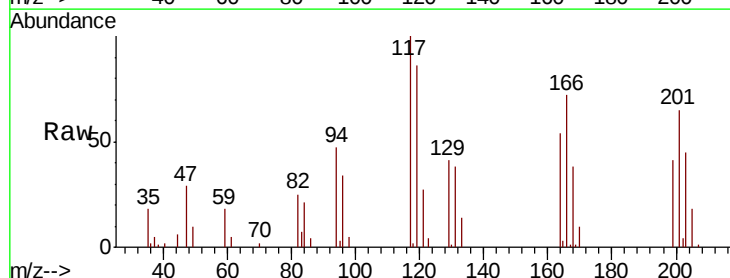
Acq: 16 Oct 2019 10:34

Tgt Ion: 117 Resp: 6383

Ion Ratio Lower Upper

117 100

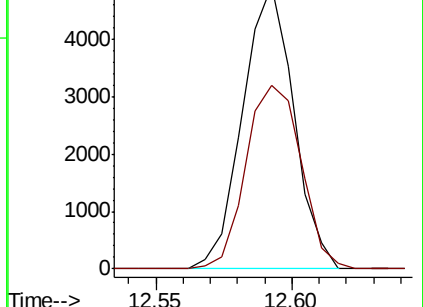
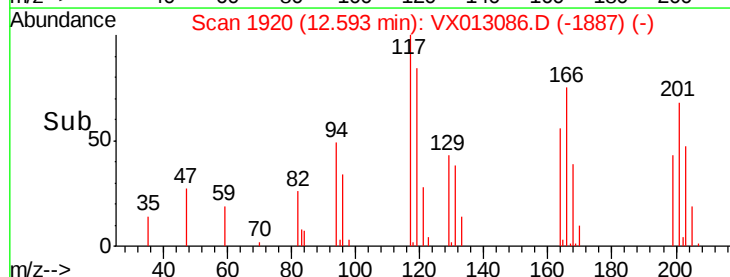
201 70.3 34.2 102.5

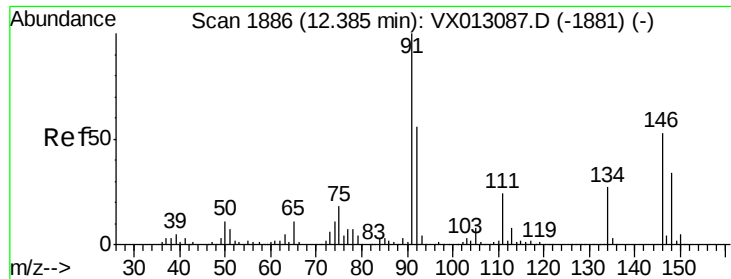


Abundance Ion 117.00 (116.70 to 117.70): VX013086.D (-1887) (-)

Ion 201.00 (200.70 to 201.70): VX013086.D (-1887) (-)

Time-->

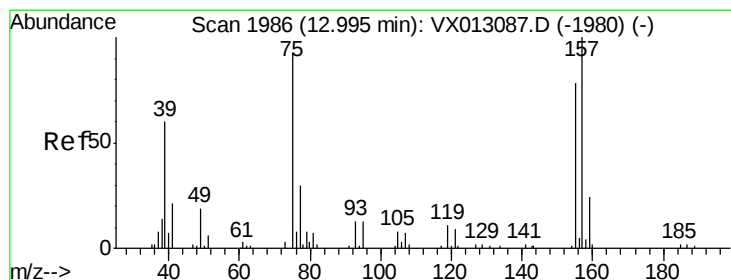
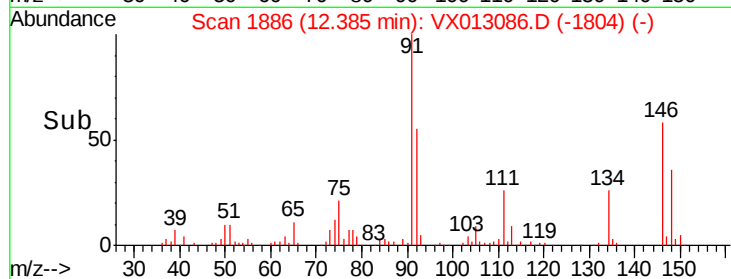
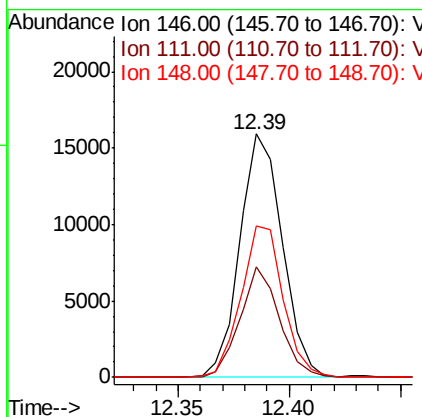
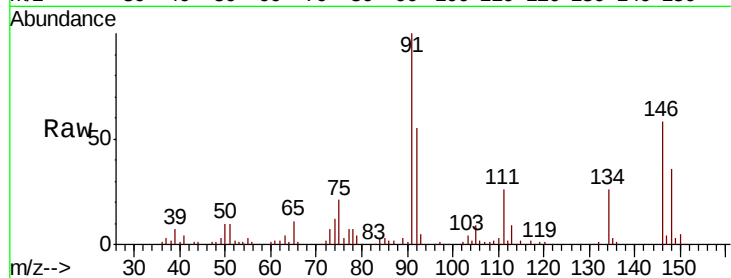




#87
 1,2-Dichlorobenzene
 Concen: 4.695 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013086.D
 Acq: 16 Oct 2019 10:34

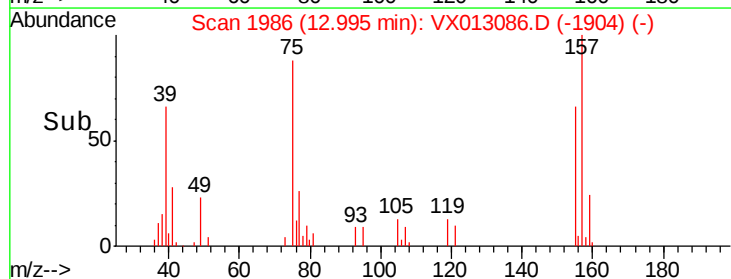
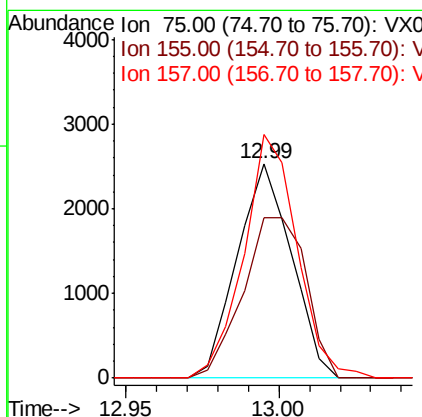
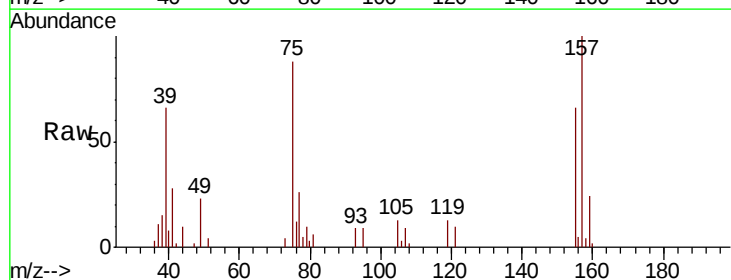
Instrument :
 MSVOA_X
 ClientSampleId :

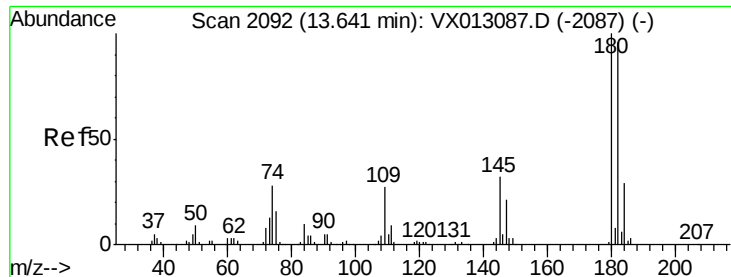
Tot Ion:146 Resp: 21167
 Ion Ratio Lower Upper
 146 100
 111 42.1 22.3 66.9
 148 62.2 32.7 98.1



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 4.392 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013086.D
 Acq: 16 Oct 2019 10:34

Tgt Ion: 75 Resp: 3117
 Ion Ratio Lower Upper
 75 100
 155 87.2 68.4 102.6
 157 112.0 85.6 128.4

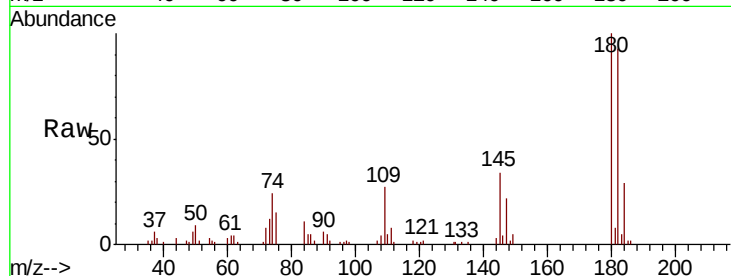




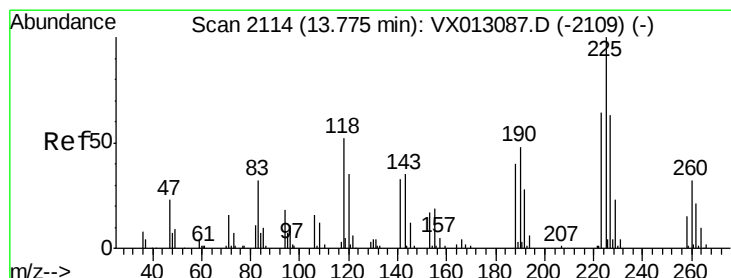
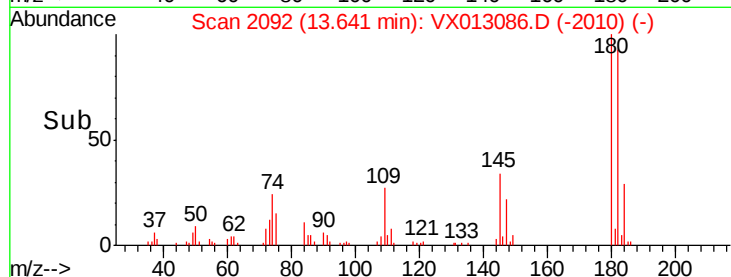
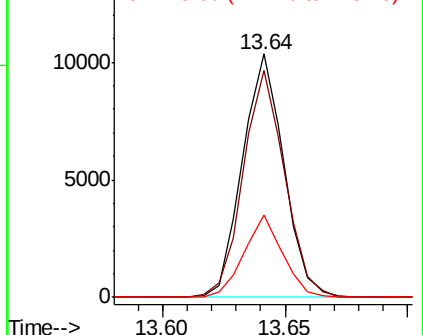
#89
1,2,4-Trichlorobenzene
Concen: 3.977 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX013086.D
Acq: 16 Oct 2019 10:34

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:180 Resp: 12231
Ion Ratio Lower Upper
180 100
182 93.2 74.8 112.2
145 31.4 26.2 39.2

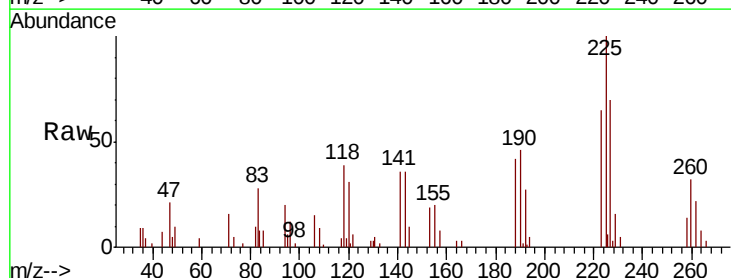


Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

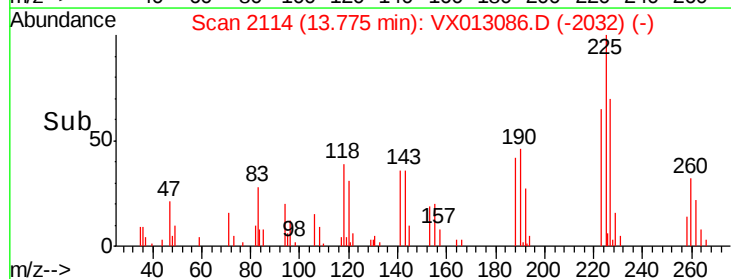
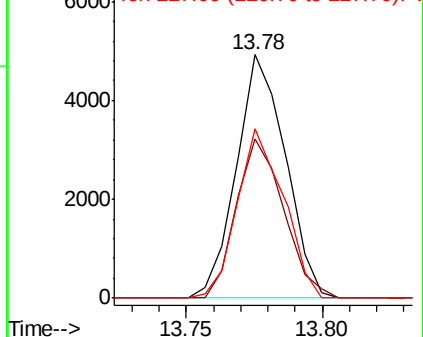


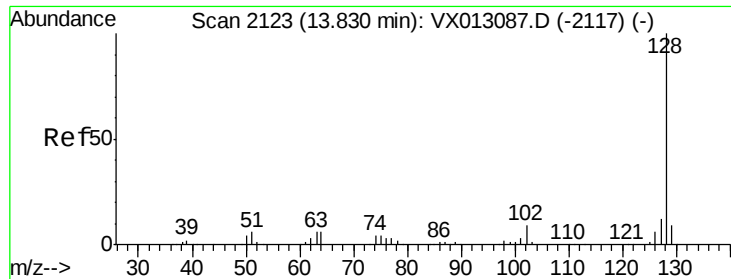
#90
Hexachlorobutadiene
Concen: 4.181 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX013086.D
Acq: 16 Oct 2019 10:34

Tgt Ion:225 Resp: 6144
Ion Ratio Lower Upper
225 100
223 63.2 0.0 132.2
227 66.0 0.0 124.2



Abundance Ion 225.00 (224.70 to 225.70): V
Ion 223.00 (222.70 to 223.70): V
Ion 227.00 (226.70 to 227.70): V

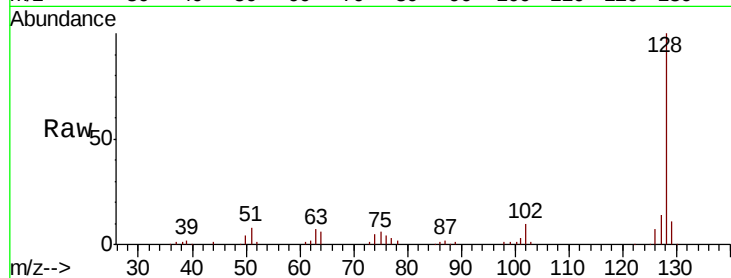




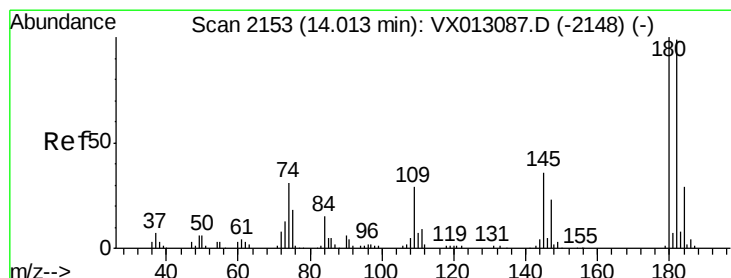
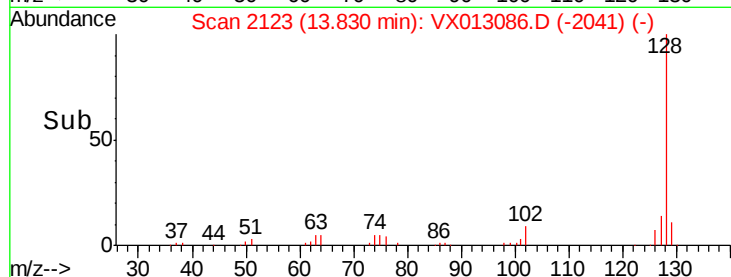
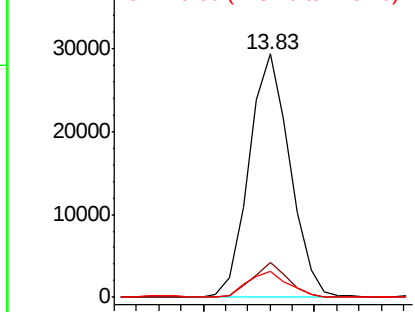
#91
Naphthalene
Concen: 3.947 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013086.D
Acq: 16 Oct 2019 10:34

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 37542
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 10.5 8.0 12.0

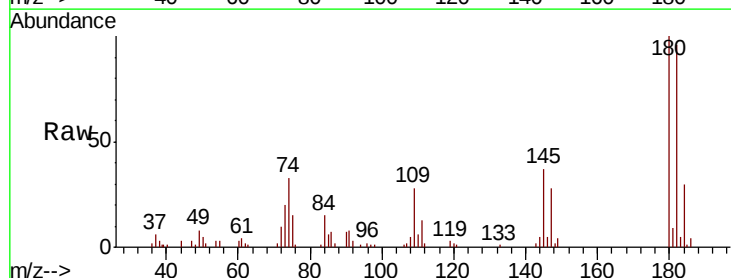


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#92
1,2,3-Trichlorobenzene
Concen: 4.007 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013086.D
Acq: 16 Oct 2019 10:34

Tgt Ion:180 Resp: 12296
Ion Ratio Lower Upper
180 100
182 96.0 0.0 195.2
145 36.9 0.0 69.8



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

