

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071919\
 Data File : VX010980.D
 Acq On : 18 Jul 2019 23:55
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 19 03:20:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X071919W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 19 03:13:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	38025	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	217015	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	203745	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	81410	26.82	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	89.40%
60) 4-Bromofluorobenzene	11.13	95	105828	31.04	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	103.47%
63) Toluene-d8	8.71	98	262624	27.63	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	92.10%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	409891	191.089	ug/l 96
3) Chloromethane	1.32	50	335315	126.813	ug/l 99
4) Vinyl Chloride	1.41	62	363078	137.289	ug/l 97
5) Bromomethane	1.64	94	180594	105.820	ug/l 100
6) Chloroethane	1.70	64	199558	117.686	ug/l 94
7) Trichlorofluoromethane	1.92	101	593188	171.106	ug/l 96
8) Diethyl Ether	2.19	74	192327	127.854	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	327843	157.047	ug/l 99
10) 1,1-Dichloroethene	2.37	96	329200	156.879	ug/l 99
11) Methyl Iodide	2.51	142	504125	212.853	ug/l 97
12) Methyl Acetate	2.78	43	469661	124.383	ug/l 98
13) Acrolein	2.29	56	273848	534.112	ug/l 99
14) Acrylonitrile	3.15	53	906090	564.165	ug/l 98
15) Acetone	2.45	58	248228	543.546	ug/l 97
16) Carbon Disulfide	2.56	76	897055	160.716	ug/l 99
17) Allyl chloride	2.72	41	491559	106.369	ug/l 97
18) Methylene Chloride	2.85	84	358631	143.568	ug/l 97
19) trans-1,2-Dichloroethene	3.16	96	344057	153.747	ug/l 97
20) Diisopropyl ether	3.85	45	1019429	110.947	ug/l 96
21) 1,1-Dichloroethane	3.70	63	588151	128.601	ug/l 99
22) cis-1,2-Dichloroethene	4.59	96	400590	150.599	ug/l 97
23) tert-Butyl Alcohol	3.07	59	438350	623.076	ug/l # 100
24) Methyl tert-Butyl Ether	3.20	73	1075636	135.807	ug/l 99
25) Chloroform	5.21	83	642875	149.792	ug/l 98
26) Cyclohexane	5.57	56	529906	125.029	ug/l # 97
29) 1,1-Dichloropropene	5.80	75	472509	149.654	ug/l 99
30) 2-Butanone	4.68	43	1280344	550.125	ug/l 99
31) 2,2-Dichloropropane	4.58	77	426006	127.976	ug/l 97
32) 1,1,1-Trichloroethane	5.49	97	595929	170.608	ug/l 98
33) Carbon Tetrachloride	5.79	117	532362	182.362	ug/l 97
34) Benzene	6.14	78	1389293	143.573	ug/l 97
35) Methacrylonitrile	5.04	41	274405	113.471	ug/l 98
36) 1,2-Dichloroethane	6.19	62	508316	145.785	ug/l 98
37) Trichloroethene	7.21	130	409834	169.005	ug/l 99
38) Methylcyclohexane	7.46	83	591637	150.861	ug/l 100
39) 1,2-Dichloropropane	7.51	63	350345	129.944	ug/l 98
40) Dibromomethane	7.66	93	263543	164.478	ug/l 98

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 19 03:13:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	511040	160.585	ug/l	99
42) Vinyl Acetate	3.82	43	4269253	558.501	ug/l	100
43) Ethyl Acetate	4.84	43	489689	116.486	ug/l	100
44) Isopropyl Acetate	6.45	43	825234	119.785	ug/l	100
45) 1,4-Dioxane	7.74	88	197495	2763.211	ug/l	97
46) Methyl methacrylate	7.77	41	411089	120.457	ug/l	97
47) n-amyl Acetate	10.90	43	780676	125.959	ug/l	98
48) t-1,3-Dichloropropene	9.04	75	563341	154.334	ug/l	100
49) cis-1,3-Dichloropropene	8.43	75	585673	145.794	ug/l	100
50) 1,1,2-Trichloroethane	9.21	97	384985	158.266	ug/l	97
51) Ethyl methacrylate	9.18	69	624785	143.998	ug/l	99
52) 1,3-Dichloropropane	9.37	76	609441	143.748	ug/l	99
53) Dibromochloromethane	9.59	129	462109	188.724	ug/l	99
54) 1,2-Dibromoethane	9.67	107	428595	170.009	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	1220446	550.345	ug/l	99
56) Bromoform	10.85	173	368984	197.932	ug/l	99
58) 4-Methyl-2-Pentanone	8.65	43	2609030	555.044	ug/l	99
59) 2-Hexanone	9.49	43	2000123	544.764	ug/l	99
61) Tetrachloroethene	9.34	164	383015	163.132	ug/l	96
62) Toluene	8.79	91	1597075	146.960	ug/l	99
64) Chlorobenzene	10.13	112	1064161	160.425	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	414110	171.063	ug/l	100
66) Ethyl Benzene	10.25	91	1841837	151.843	ug/l	99
67) m/p-Xylenes	10.36	106	1409350	313.882	ug/l	98
68) o-Xylene	10.69	106	692195	157.052	ug/l	96
69) Styrene	10.71	104	1221257	159.703	ug/l	98
70) Isopropylbenzene	11.02	105	1884967	160.138	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	602050	142.494	ug/l	100
72) 1,2,3-Trichloropropane	11.30	75	693655	192.898	ug/l	84
73) Bromobenzene	11.26	156	506445	170.749	ug/l	98
74) n-propylbenzene	11.36	91	2132320	157.119	ug/l	99
75) 2-Chlorotoluene	11.42	91	1268504	156.247	ug/l	98
76) 1,3,5-Trimethylbenzene	11.51	105	1603256	160.419	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	201063	143.450	ug/l	88
78) 4-Chlorotoluene	11.51	91	1468770	158.796	ug/l	99
79) tert-butylbenzene	11.77	119	1574732	163.338	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	1613966	160.956	ug/l	99
81) sec-Butylbenzene	11.94	105	1852304	161.514	ug/l	100
82) p-Isopropyltoluene	12.06	119	1746376	166.764	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	911954	171.966	ug/l	98
84) 1,4-Dichlorobenzene	12.10	146	909038	171.477	ug/l	100
85) n-Butylbenzene	12.38	91	1517336	160.167	ug/l	99
86) Hexachloroethane	12.60	117	310828	179.992	ug/l	100
87) 1,2-Dichlorobenzene	12.39	146	864254	161.890	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	13.00	75	144386	149.301	ug/l	99
89) 1,2,4-Trichlorobenzene	13.65	180	636004	168.779	ug/l	99
90) Hexachlorobutadiene	13.78	225	295980	158.101	ug/l	98
91) Naphthalene	13.83	128	1934559	159.136	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	624632	163.902	ug/l	99

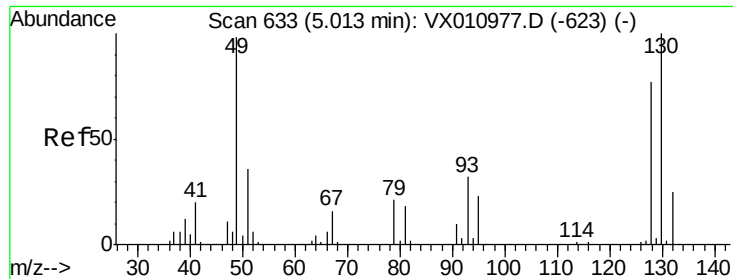
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071919\
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QLast Update : Fri Jul 19 03:13:22 2019
Response via : Initial Calibration

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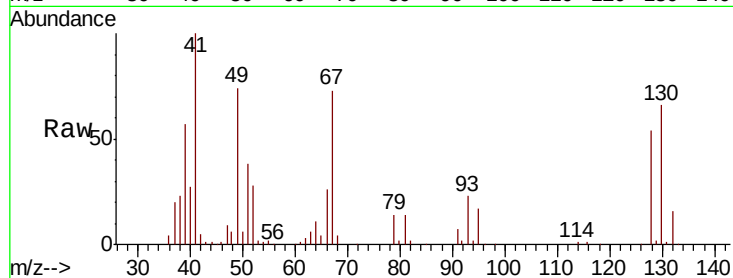
(#) = qualifier out of range (m) = manual integration (+) = signals summed



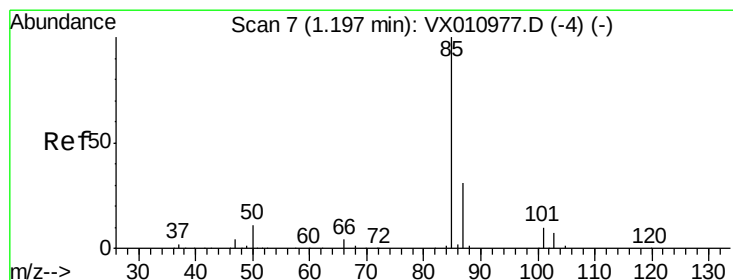
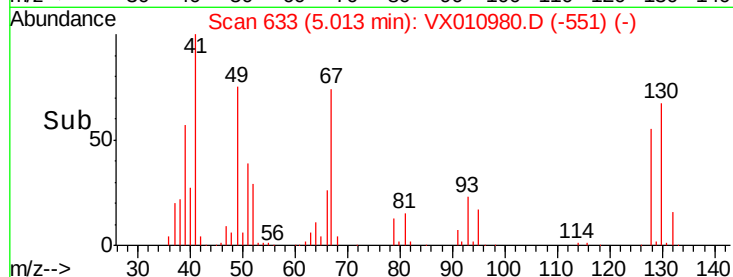
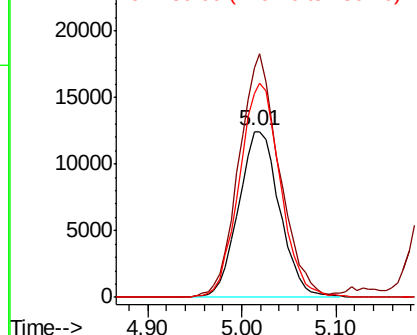
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.00 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:128 Resp: 38025
Ion Ratio Lower Upper
128 100
49 144.4 0.0 343.5
130 128.3 0.0 324.7

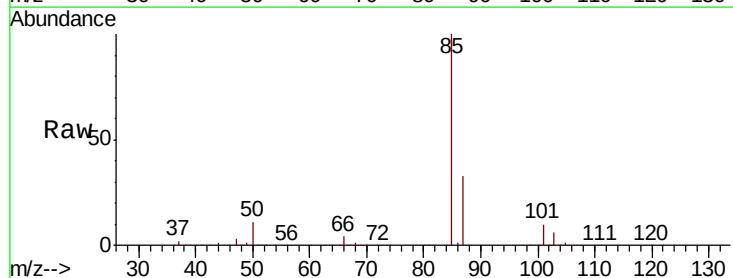


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VX0
Ion 130.00 (129.70 to 130.70): V

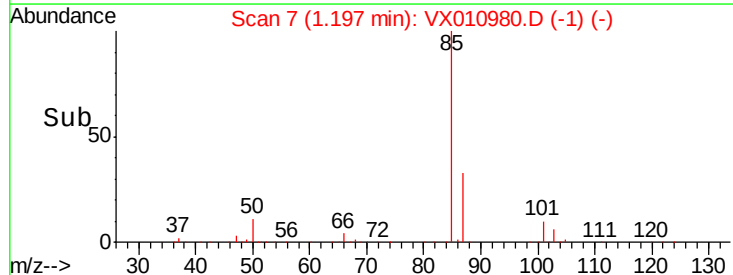
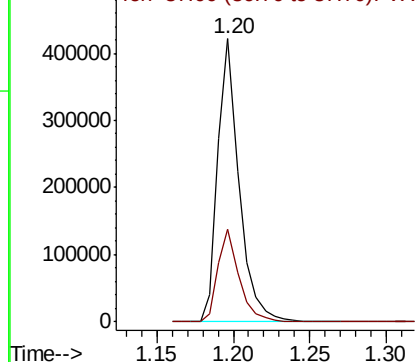


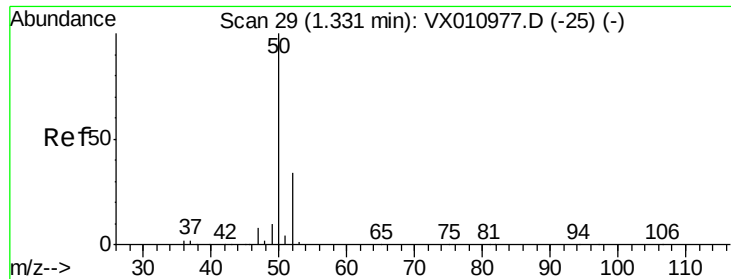
#2
Dichlorodifluoromethane
Concen: 191.089 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Tgt Ion: 85 Resp: 409891
Ion Ratio Lower Upper
85 100
87 32.9 15.4 46.1



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





#3

Chloromethane

Concen: 126.813 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX010980.D

Acq: 18 Jul 2019 23:55

Instrument :

MSVOA_X

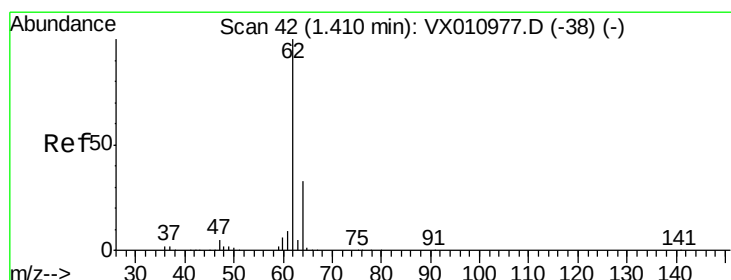
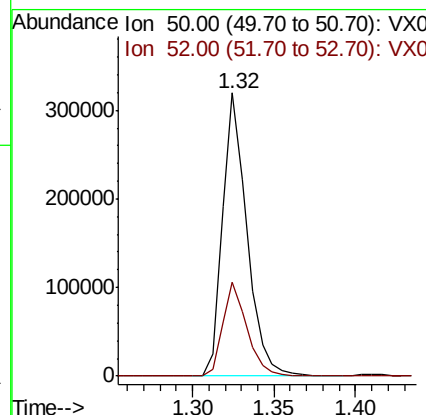
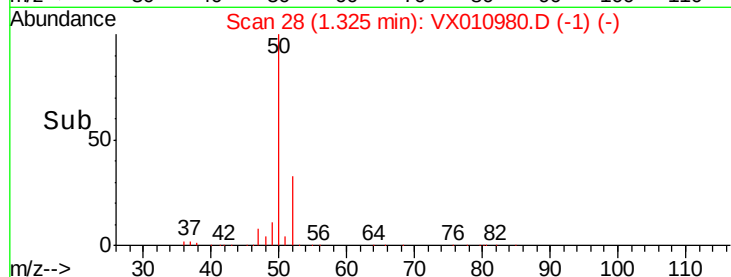
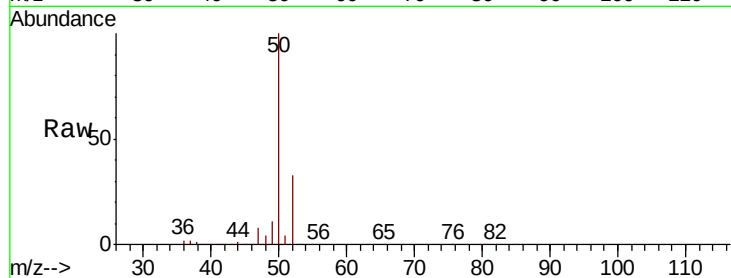
ClientSampleId :

Tot Ion: 50 Resp: 335315

Ion Ratio Lower Upper

50 100

52 33.3 27.3 40.9



#4

Vinyl Chloride

Concen: 137.289 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010980.D

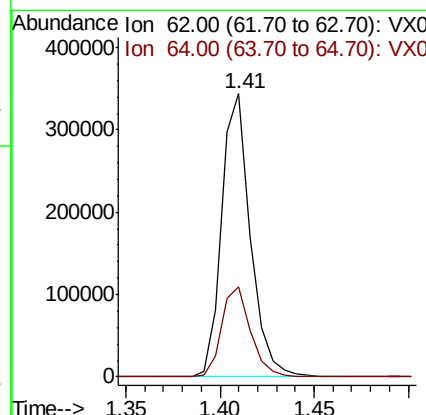
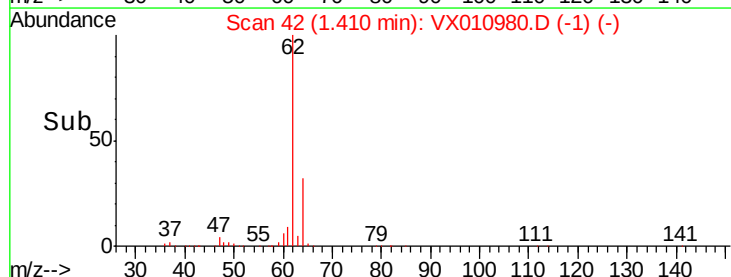
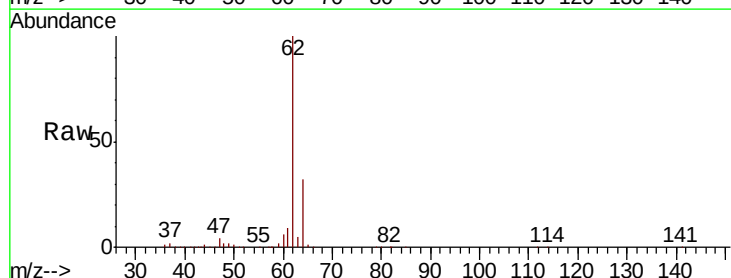
Acq: 18 Jul 2019 23:55

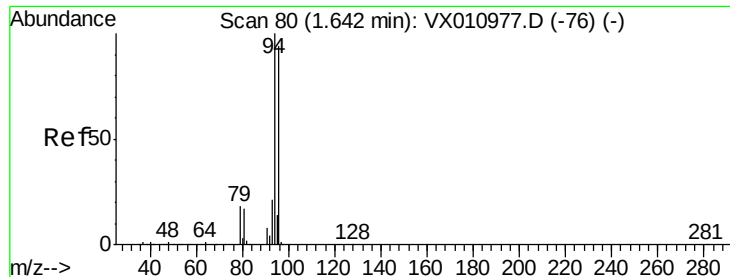
Tgt Ion: 62 Resp: 363078

Ion Ratio Lower Upper

62 100

64 31.9 26.8 40.2





#5

Bromomethane

Concen: 105.820 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX010980.D

Acq: 18 Jul 2019 23:55

Instrument :

MSVOA_X

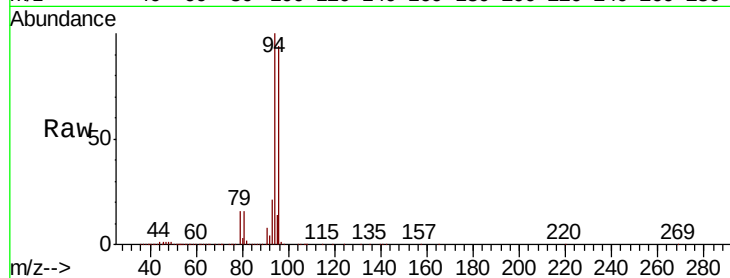
ClientSampled :

Tot Ion: 94 Resp: 180594

Ion Ratio Lower Upper

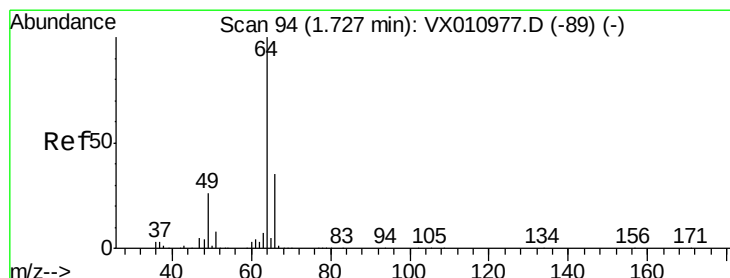
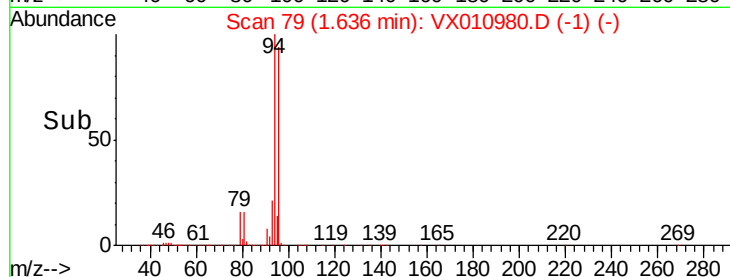
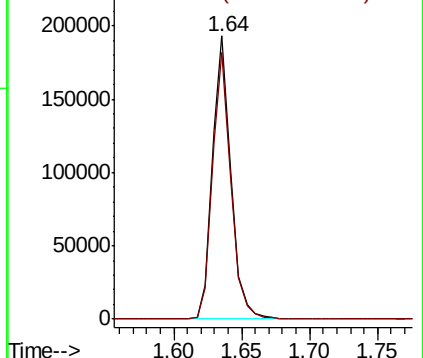
94 100

96 94.4 75.4 113.2



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 117.686 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.02 min

Lab File: VX010980.D

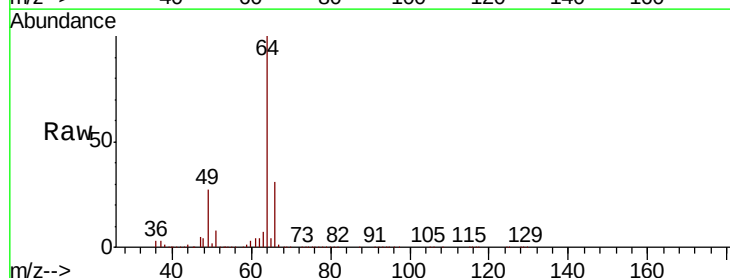
Acq: 18 Jul 2019 23:55

Tgt Ion: 64 Resp: 199558

Ion Ratio Lower Upper

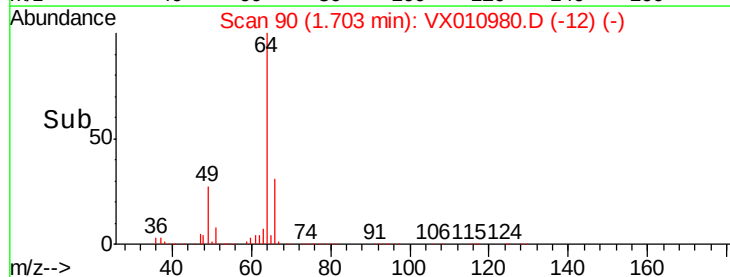
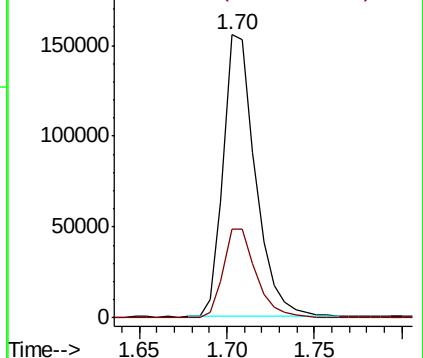
64 100

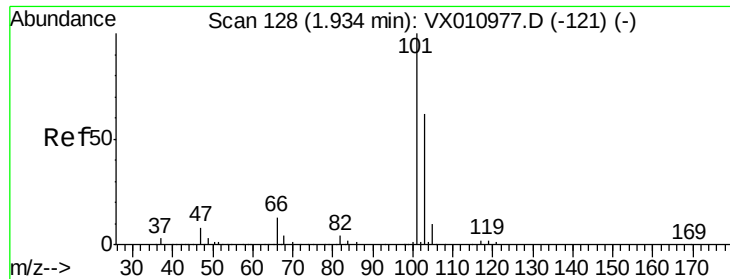
66 31.3 28.1 42.1



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



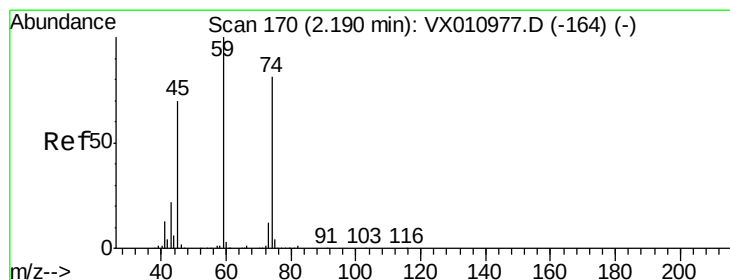
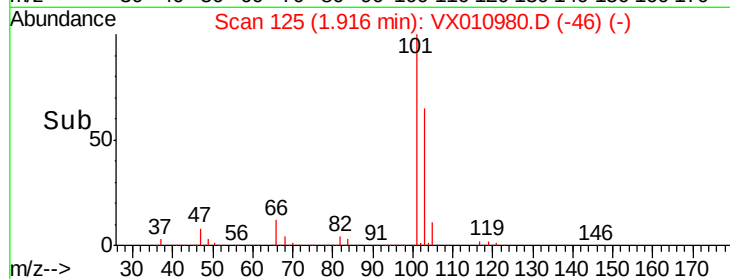
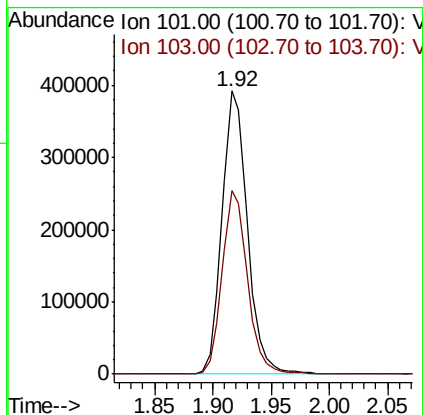
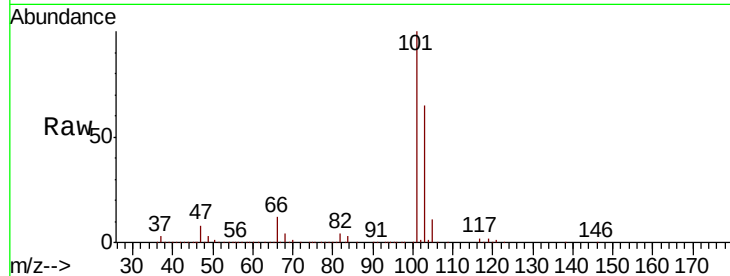


#7

Trichlorofluoromethane
Concen: 171.106 ug/l
RT: 1.92 min Scan# 125
Delta R.T. -0.02 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Instrument :
MSVOA_X
ClientSampleId :

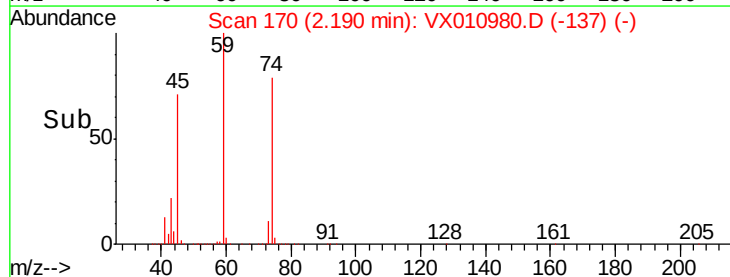
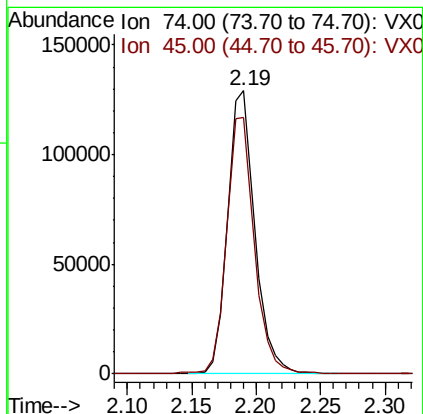
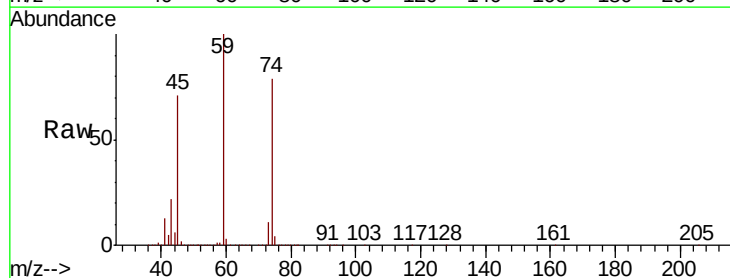
Tot Ion:101 Resp: 593188
Ion Ratio Lower Upper
101 100
103 64.8 49.6 74.4

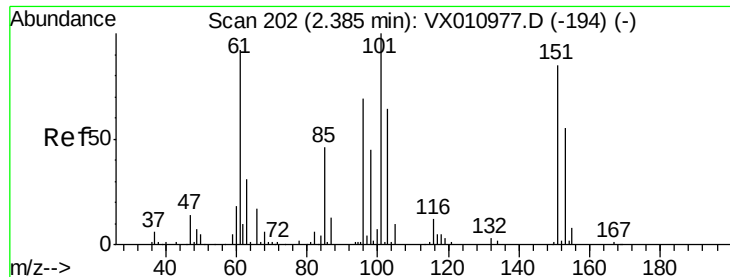


#8

Diethyl Ether
Concen: 127.854 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Tgt Ion: 74 Resp: 192327
Ion Ratio Lower Upper
74 100
45 91.7 18.3 164.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 157.047 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX010980.D

Acq: 18 Jul 2019 23:55

Instrument :

MSVOA_X

ClientSampled :

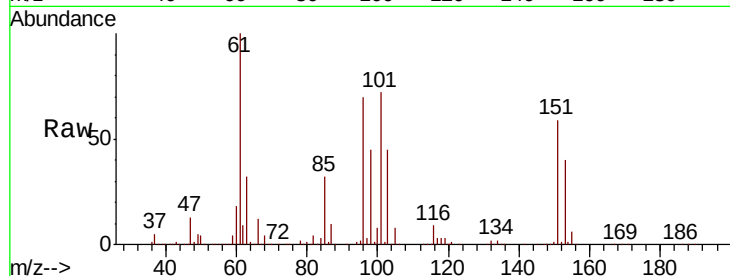
Tot Ion:101 Resp: 327843

Ion Ratio Lower Upper

101 100

85 43.8 0.0 89.8

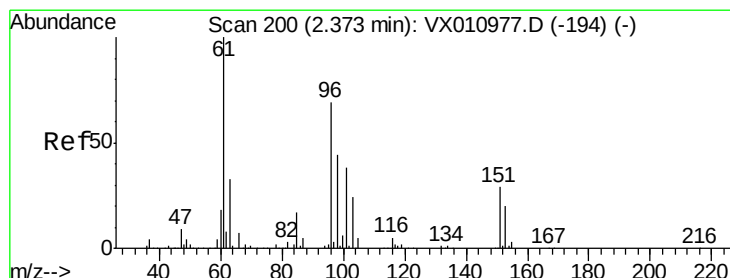
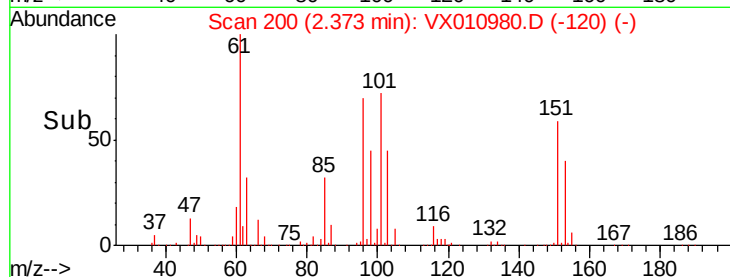
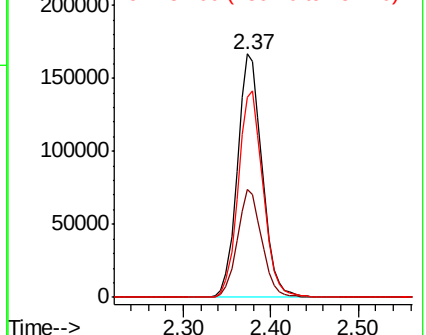
151 85.3 0.0 172.2



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: 156.879 ug/l

RT: 2.37 min Scan# 199

Delta R.T. -0.01 min

Lab File: VX010980.D

Acq: 18 Jul 2019 23:55

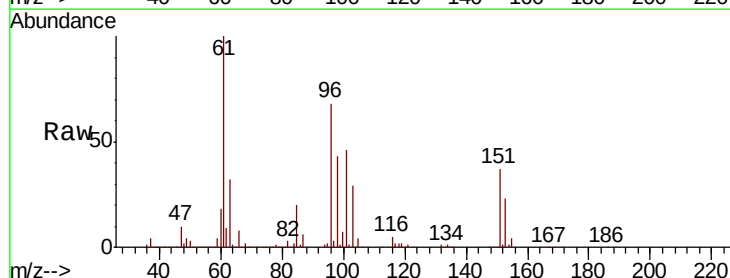
Tgt Ion: 96 Resp: 329200

Ion Ratio Lower Upper

96 100

61 146.6 115.9 173.9

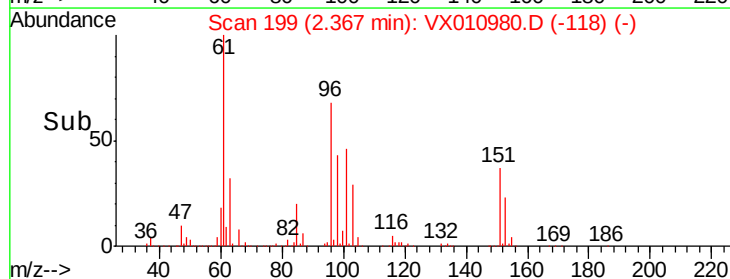
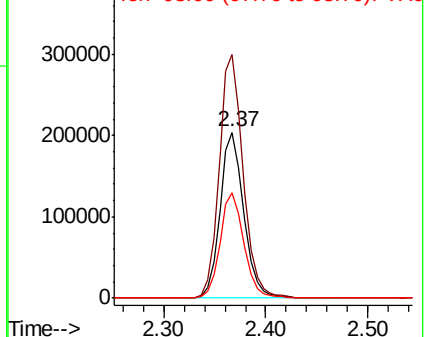
98 63.3 50.6 75.8

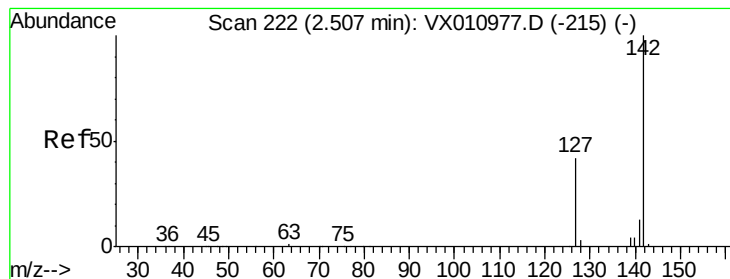


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#11

Methvl Iodide

Concen: 212.853 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX010980.D

Acq: 18 Jul 2019 23:55

Instrument :

MSVOA_X

ClientSampleId :

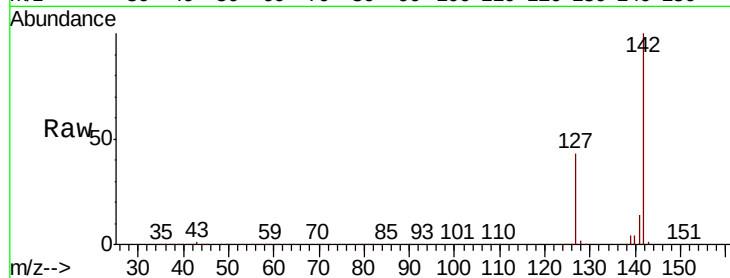
Tot Ion:142 Resp: 504125

Ion Ratio Lower Upper

142 100

127 43.1 20.7 62.1

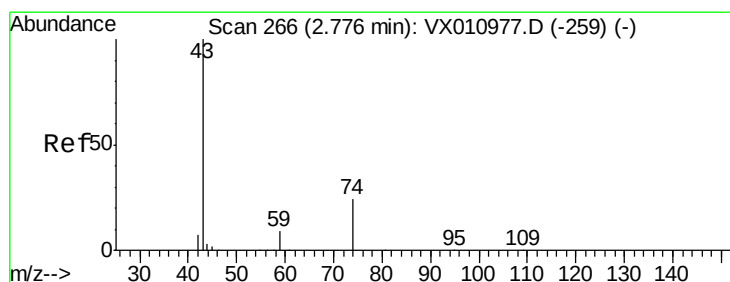
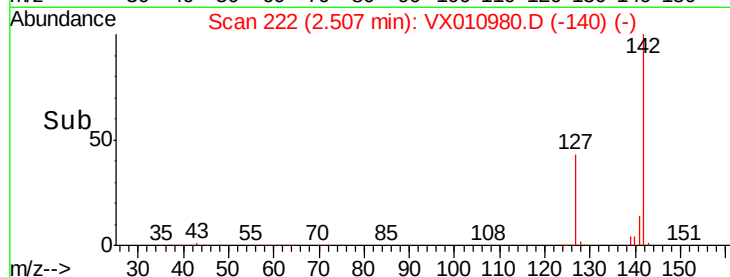
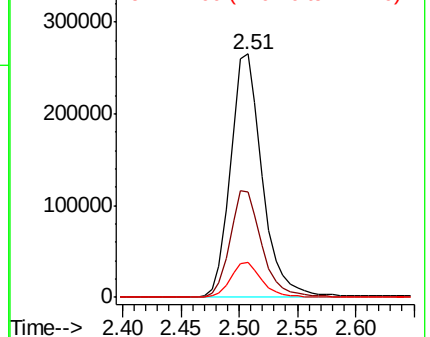
141 14.5 6.7 20.0



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12

Methyl Acetate

Concen: 124.383 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX010980.D

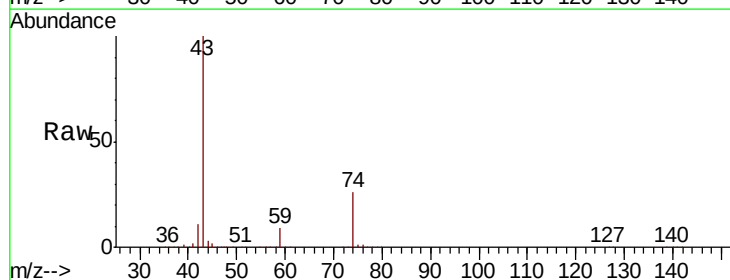
Acq: 18 Jul 2019 23:55

Tgt Ion: 43 Resp: 469661

Ion Ratio Lower Upper

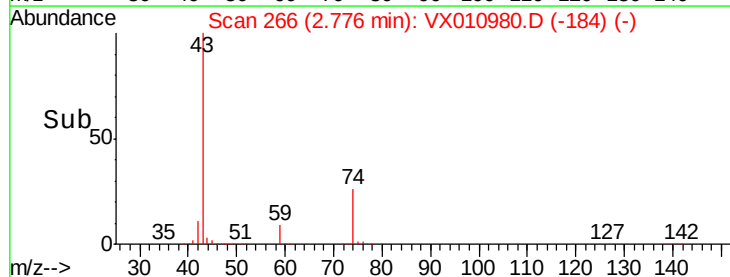
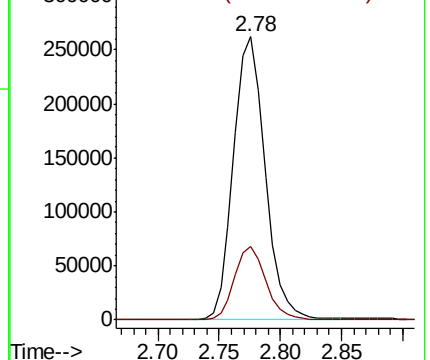
43 100

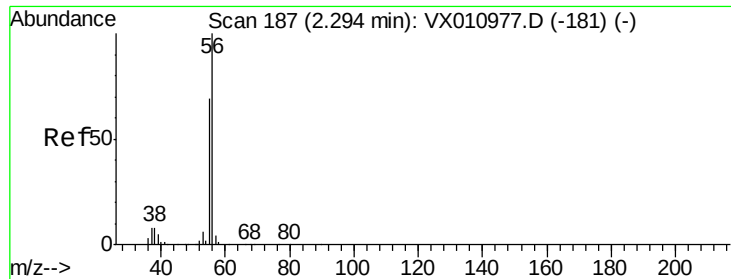
74 25.7 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

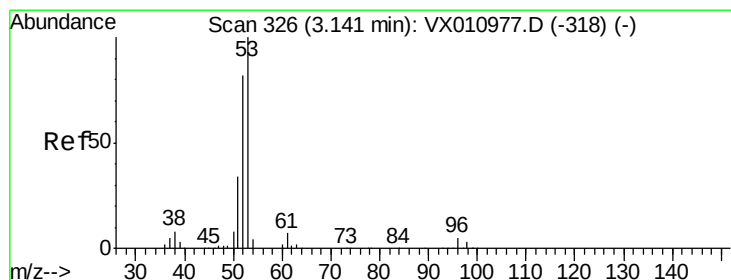
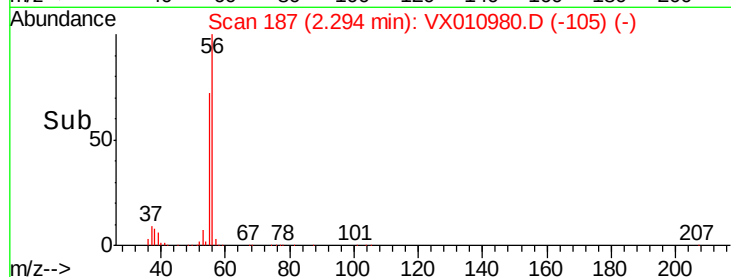
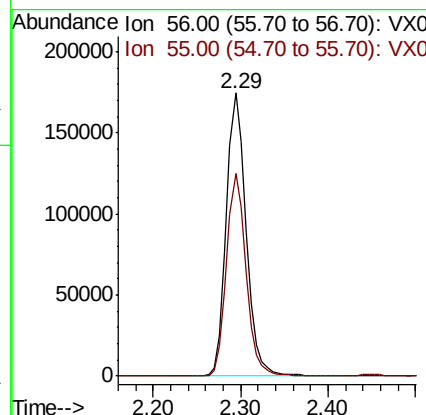
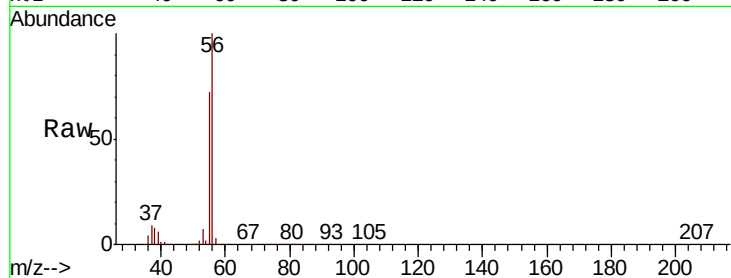




#13
Acrolein
Concen: 534.112 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

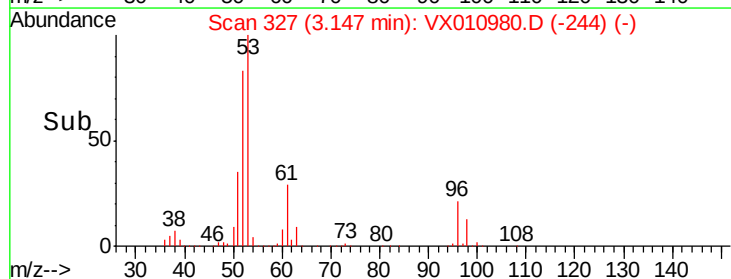
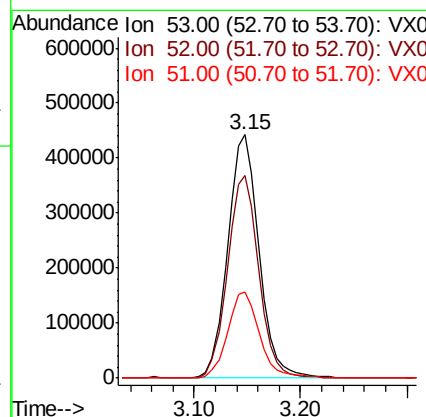
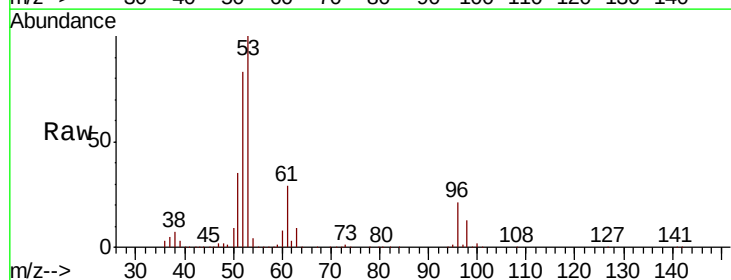
Instrument :
MSVOA_X
ClientSampleId :

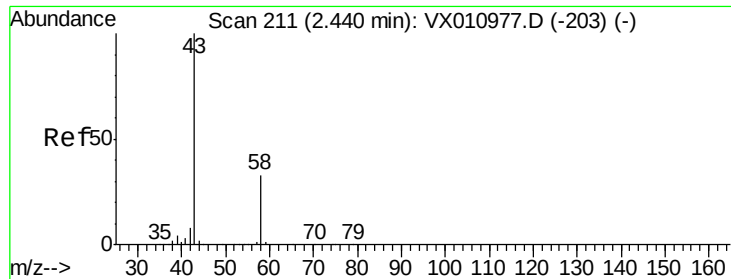
Tot Ion: 56 Resp: 273848
Ion Ratio Lower Upper
56 100
55 70.8 56.1 84.1



#14
Acrylonitrile
Concen: 564.165 ug/l
RT: 3.15 min Scan# 327
Delta R.T. 0.01 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Tgt Ion: 53 Resp: 906090
Ion Ratio Lower Upper
53 100
52 83.7 41.1 123.4
51 36.4 17.8 53.3





#15

Acetone

Concen: 543.546 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.01 min

Lab File: VX010980.D

Acq: 18 Jul 2019 23:55

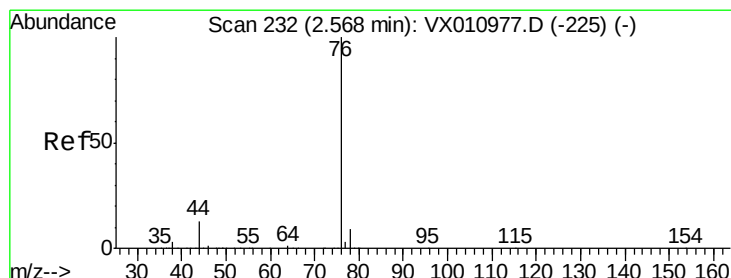
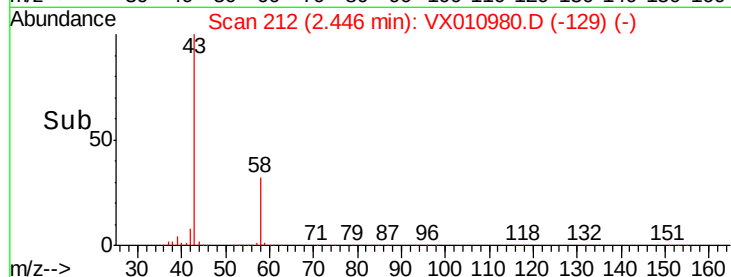
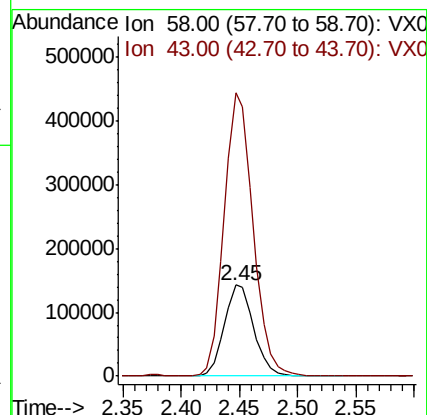
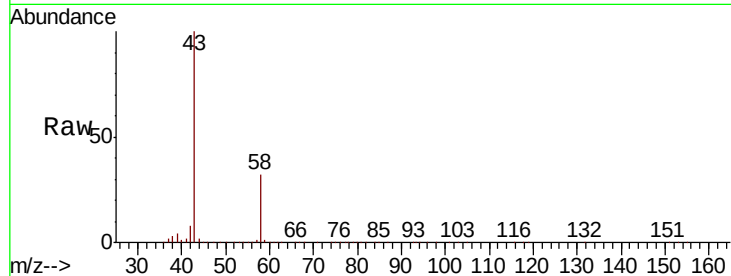
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 58 Resp: 248228

Ion Ratio Lower Upper

58 100

43 310.3 243.8 365.6



#16

Carbon Disulfide

Concen: 160.716 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX010980.D

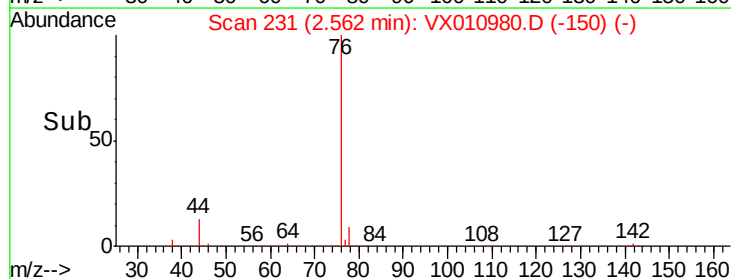
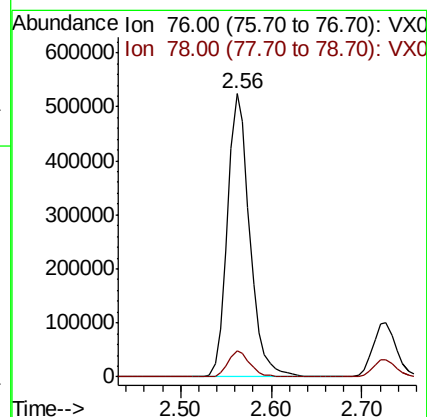
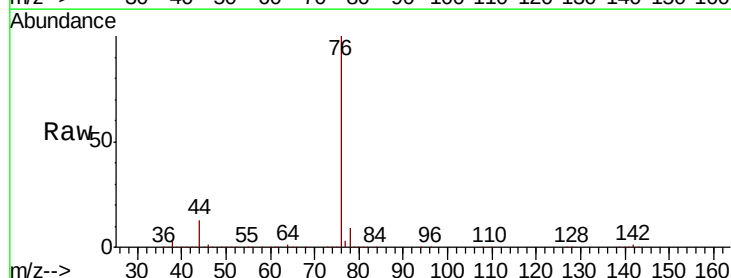
Acq: 18 Jul 2019 23:55

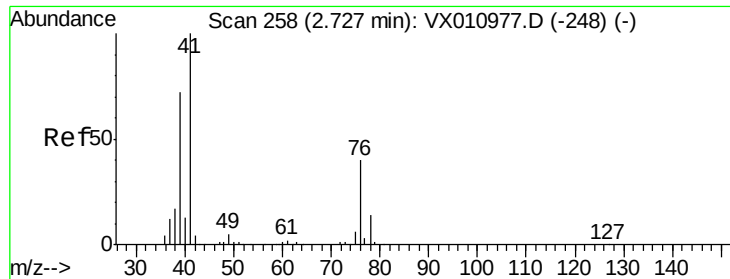
Tgt Ion: 76 Resp: 897055

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9

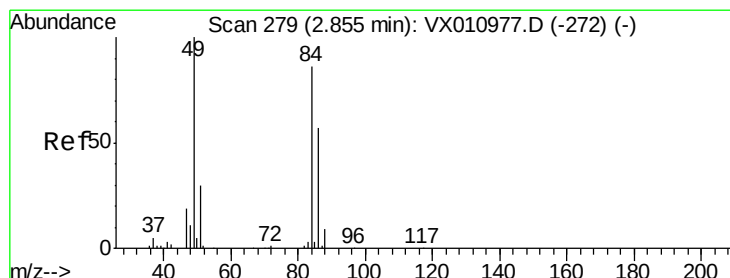
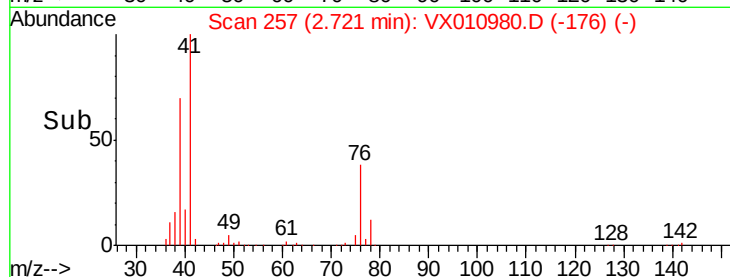
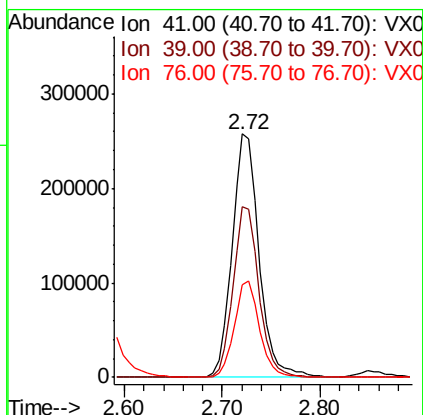
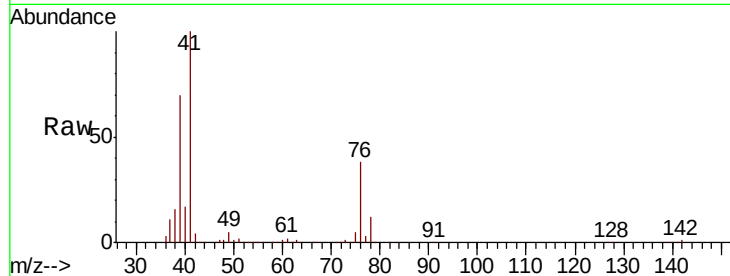




#17
Allvl chloride
Concen: 106.369 ug/l
RT: 2.72 min Scan# 257
Delta R.T. -0.01 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

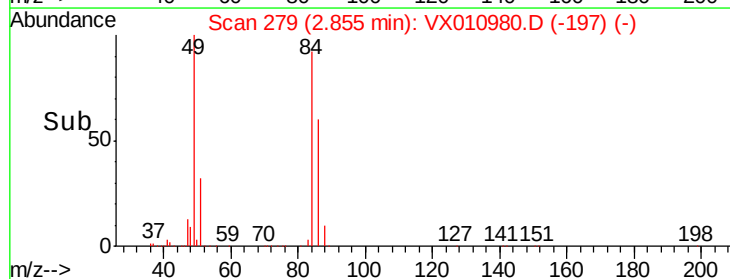
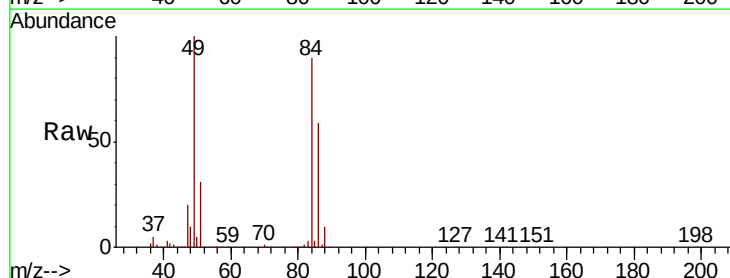
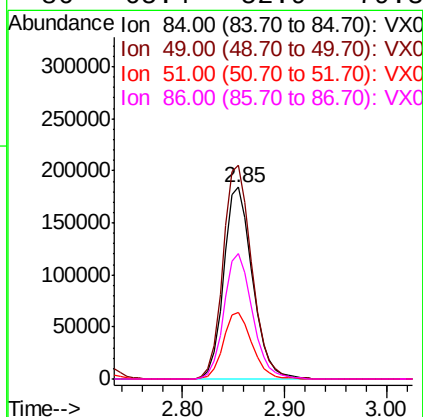
Instrument :
MSVOA_X
ClientSampleId :

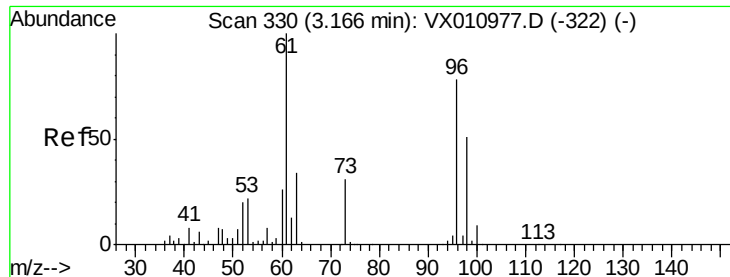
Tot Ion	Ratio	Lower	Upper
41	100		
39	70.1	36.1	108.3
76	38.2	20.2	60.5



#18
Methylene Chloride
Concen: 143.568 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Tgt Ion	Ratio	Lower	Upper
84	100		
49	111.3	93.2	139.8
51	34.9	28.6	42.8
86	65.4	52.9	79.3





#19

trans-1,2-Dichloroethene

Concen: 153.747 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX010980.D

Acq: 18 Jul 2019 23:55

Instrument :
MSVOA_X
ClientSampleId :

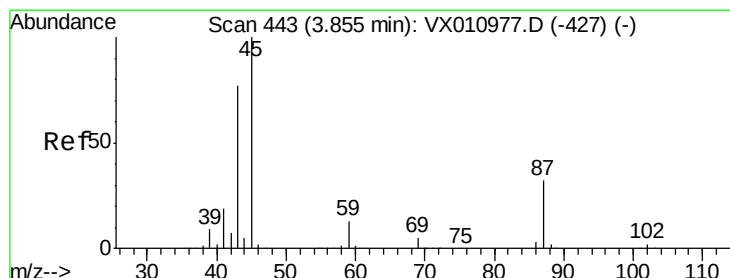
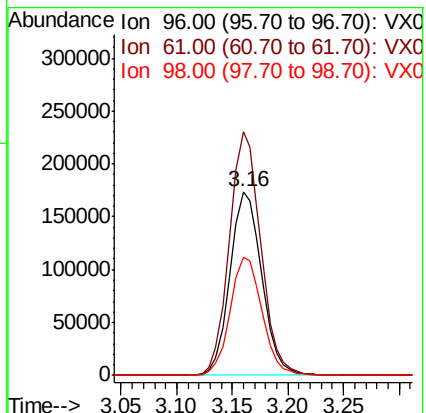
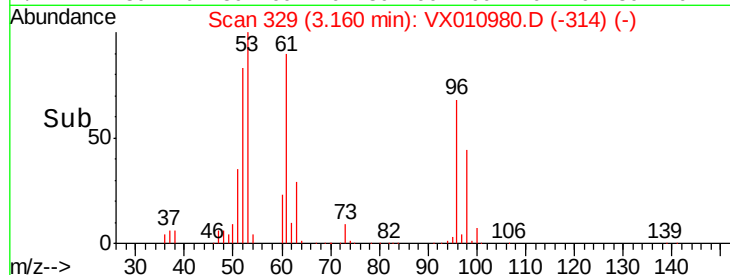
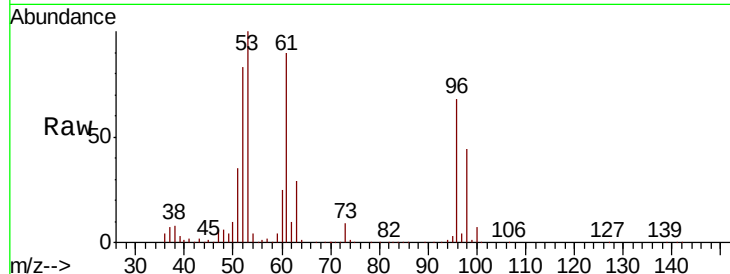
Tot Ion: 96 Resp: 344057

Ion Ratio Lower Upper

96 100

61 132.7 102.2 153.4

98 64.5 52.2 78.2



#20

Diisopropyl ether

Concen: 110.947 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010980.D

Acq: 18 Jul 2019 23:55

Tgt Ion: 45 Resp: 1019429

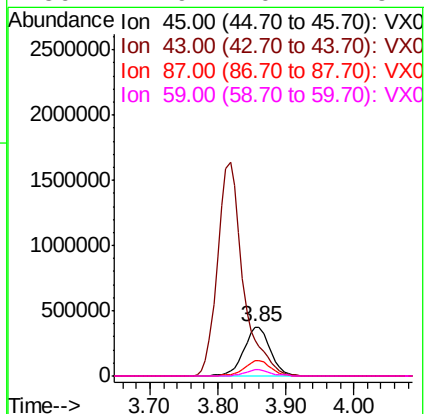
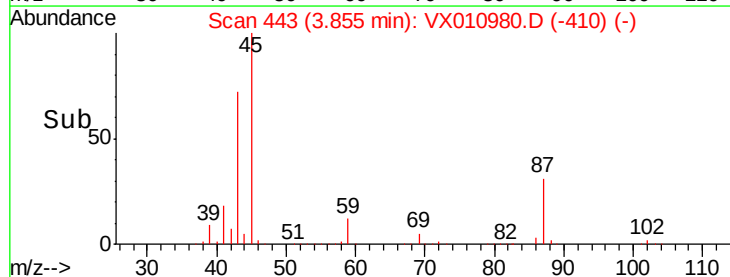
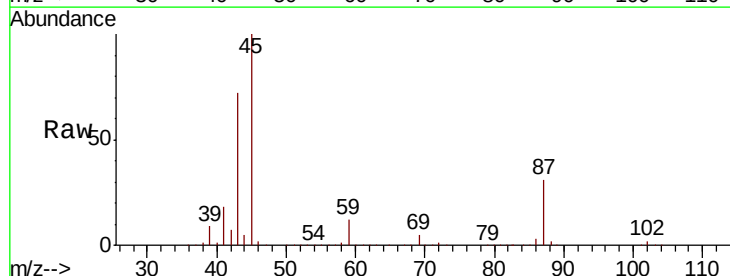
Ion Ratio Lower Upper

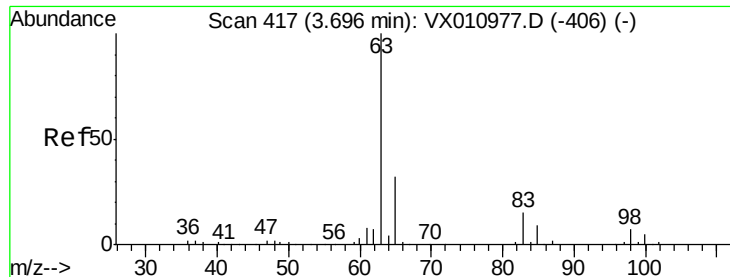
45 100

43 72.2 61.5 92.3

87 31.1 25.4 38.2

59 11.9 10.2 15.2





#21

1,1-Dichloroethane

Concen: 128.601 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010980.D

Acq: 18 Jul 2019 23:55

Instrument :

MSVOA_X

ClientSampleId :

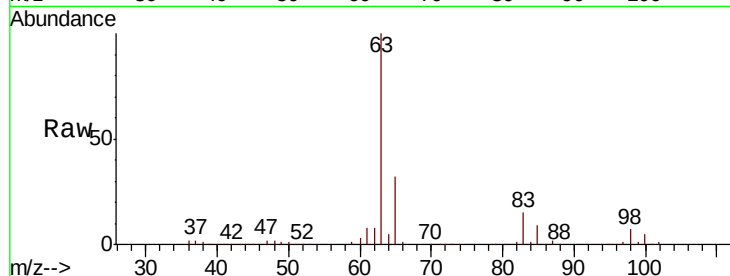
Tot Ion: 63 Resp: 588151

Ion Ratio Lower Upper

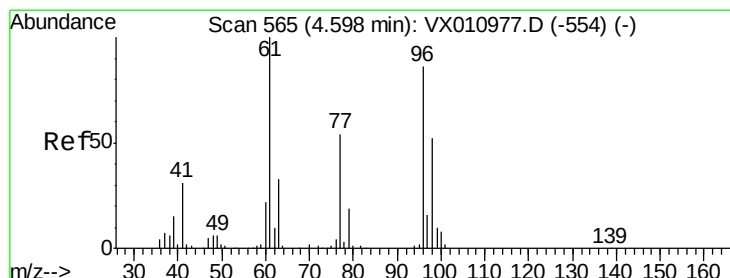
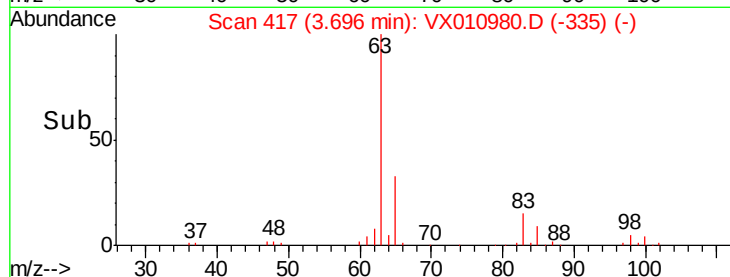
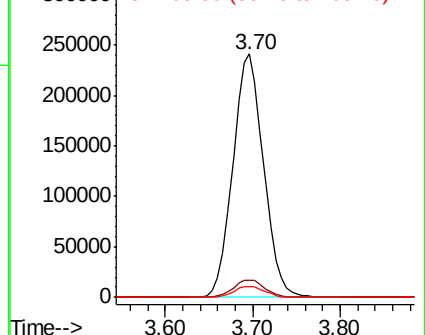
63 100

98 7.1 3.8 11.2

100 4.6 2.5 7.4



Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 150.599 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX010980.D

Acq: 18 Jul 2019 23:55

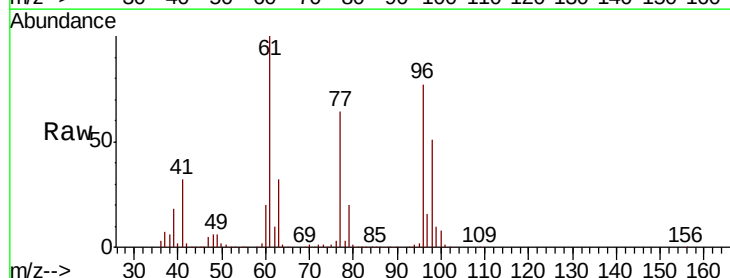
Tgt Ion: 96 Resp: 400590

Ion Ratio Lower Upper

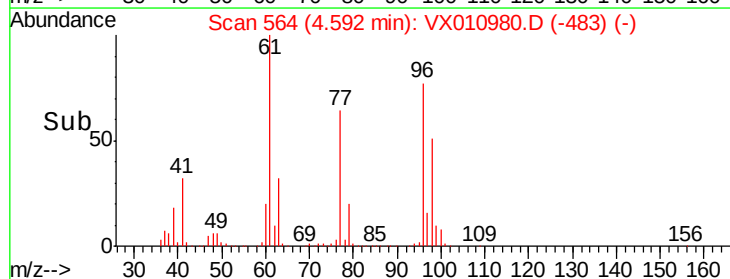
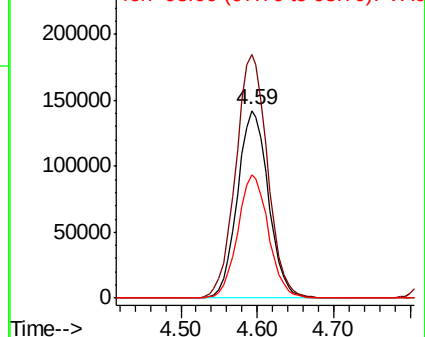
96 100

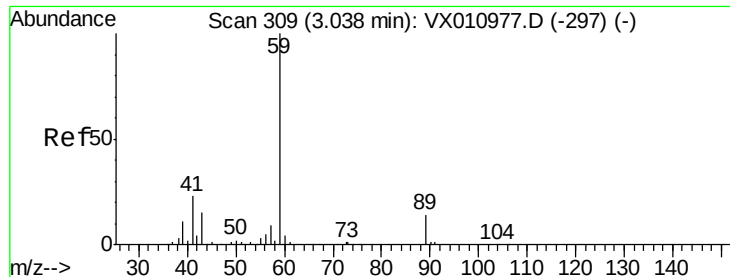
61 132.8 102.9 154.3

98 64.9 50.9 76.3



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



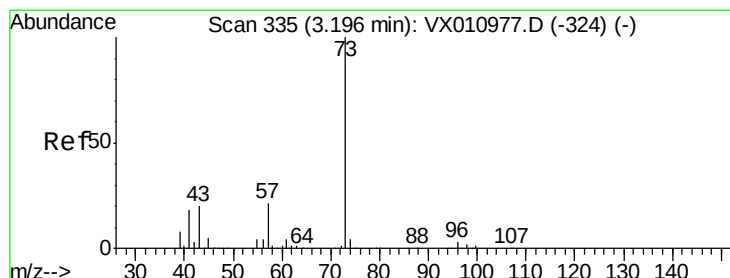
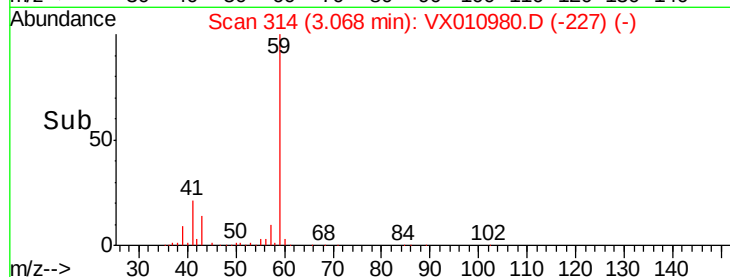
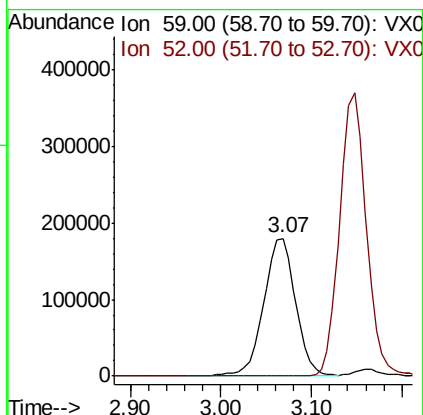
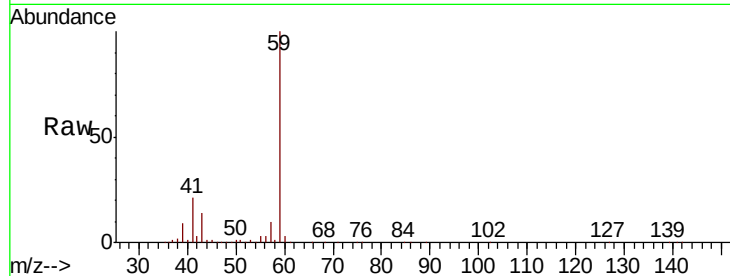


#23

tert-Butyl Alcohol
Concen: 623.076 ug/l
RT: 3.07 min Scan# 314
Delta R.T. 0.03 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Instrument :
MSVOA_X
ClientSampleId :

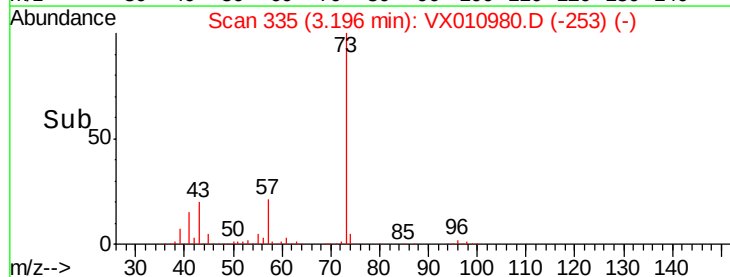
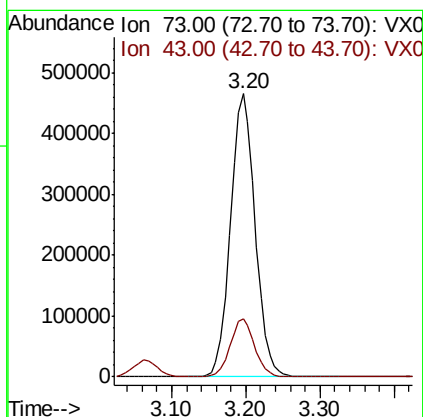
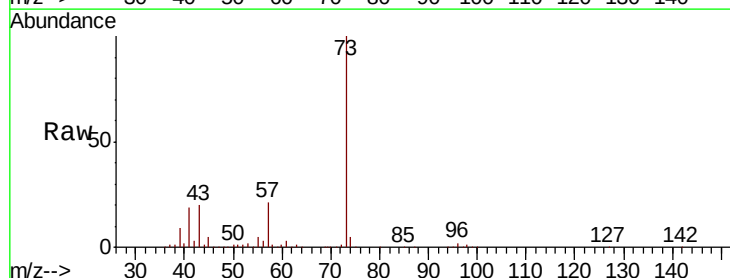
Tot Ion: 59 Resp: 438350
Ion Ratio Lower Upper
59 100
52 0.2 0.2 0.4#

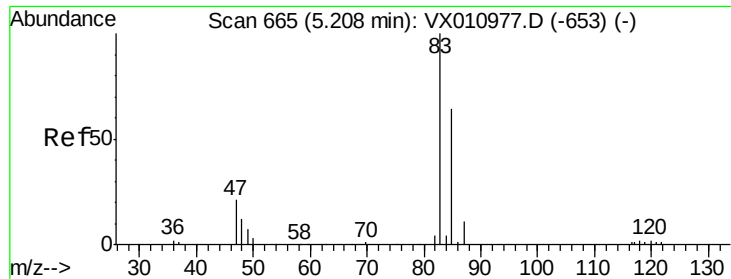


#24

Methyl tert-Butyl Ether
Concen: 135.807 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Tgt Ion: 73 Resp: 1075636
Ion Ratio Lower Upper
73 100
43 20.3 15.8 23.6





#25

Chloroform

Concen: 149.792 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX010980.D

Acq: 18 Jul 2019 23:55

Instrument :

MSVOA_X

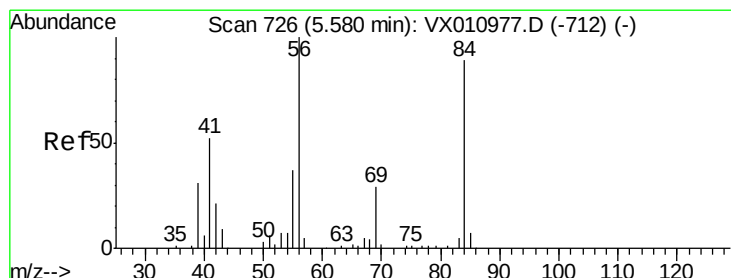
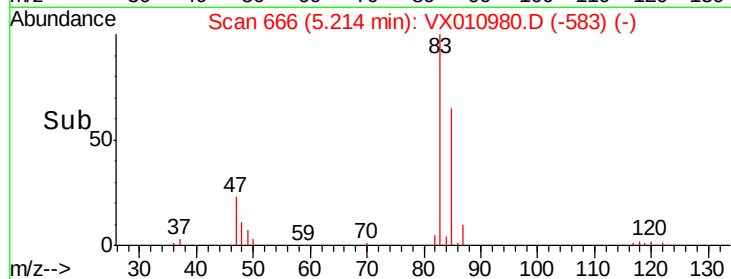
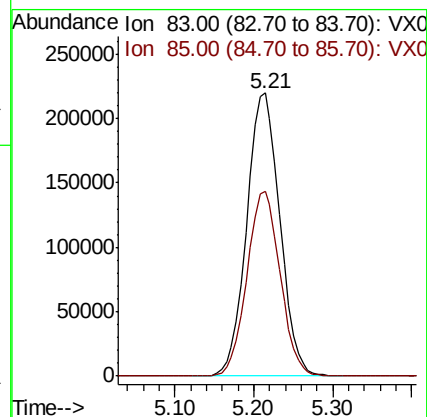
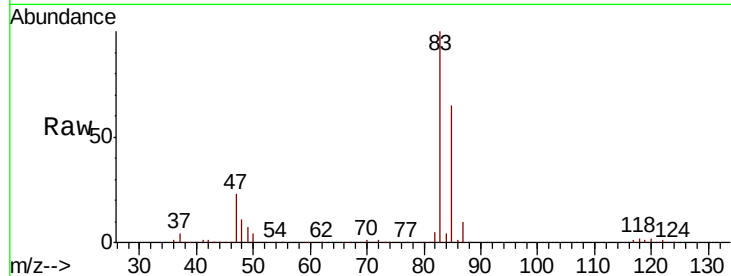
ClientSampleId :

Tot Ion: 83 Resp: 642875

Ion Ratio Lower Upper

83 100

85 65.4 50.9 76.3



#26

Cyclohexane

Concen: 125.029 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010980.D

Acq: 18 Jul 2019 23:55

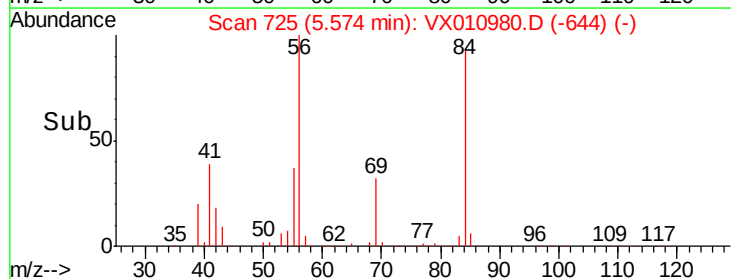
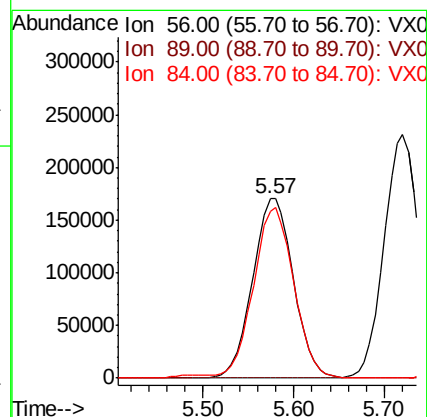
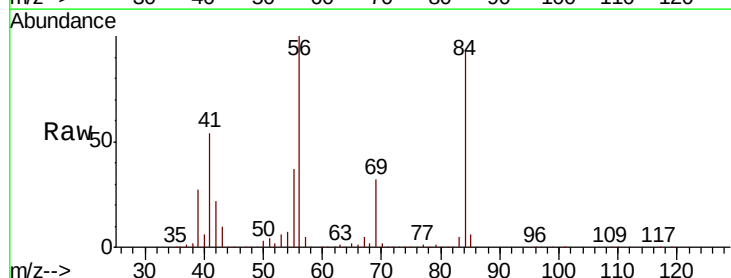
Tgt Ion: 56 Resp: 529906

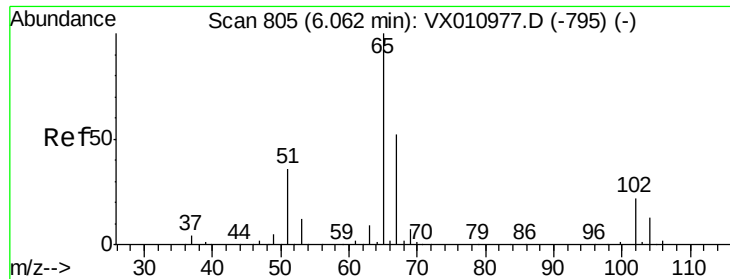
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 94.2 73.0 109.4

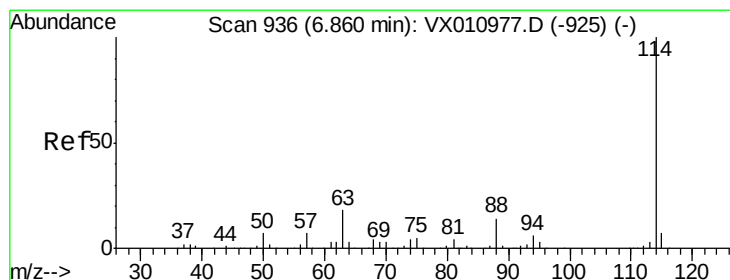
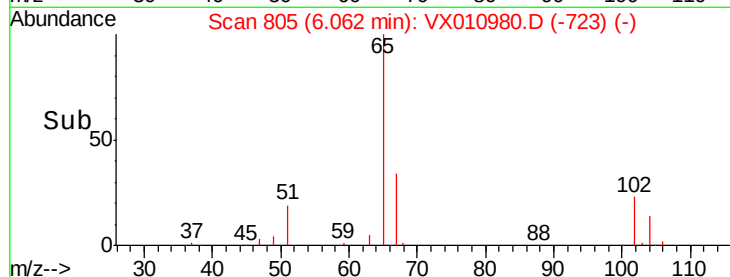
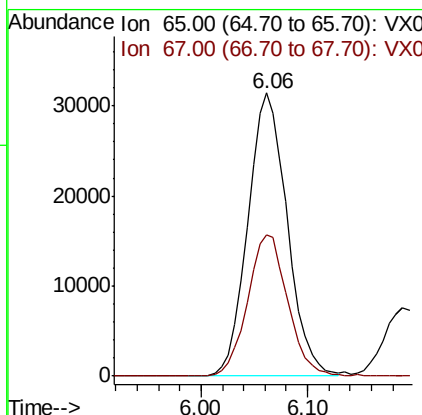
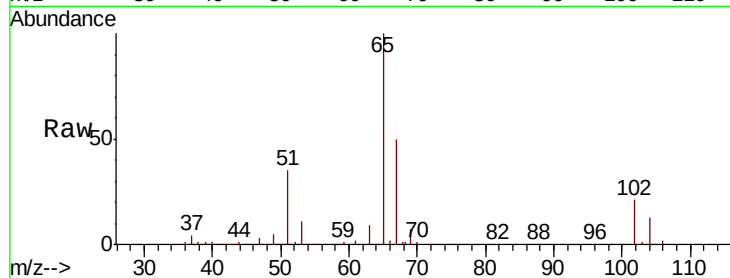




#27
 1,2-Dichloroethane-d4
 Concen: 26.822 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX010980.D
 Acq: 18 Jul 2019 23:55

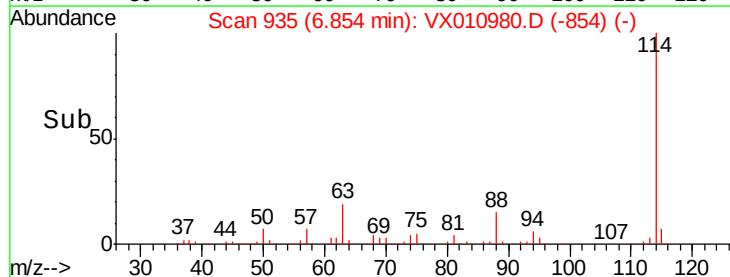
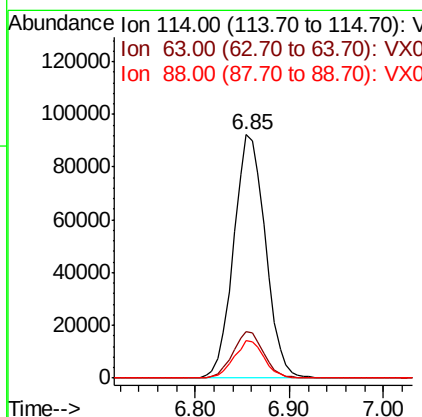
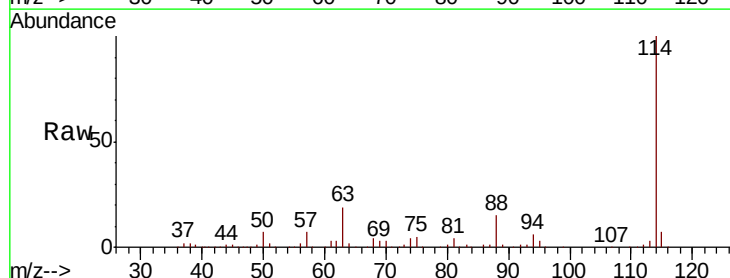
Instrument :
 MSVOA_X
 ClientSampleId :

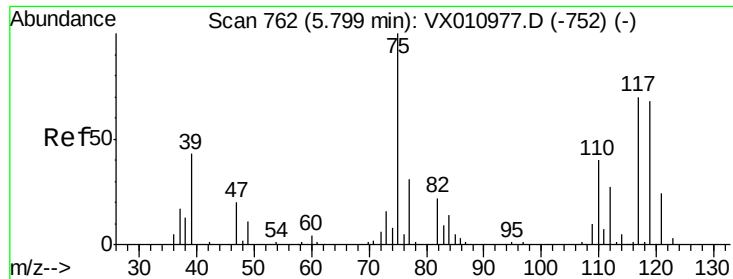
Tot Ion: 65 Resp: 81410
 Ion Ratio Lower Upper
 65 100
 67 50.7 41.7 62.5



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010980.D
 Acq: 18 Jul 2019 23:55

Tgt Ion: 114 Resp: 217015
 Ion Ratio Lower Upper
 114 100
 63 18.6 14.6 22.0
 88 14.8 11.8 17.8

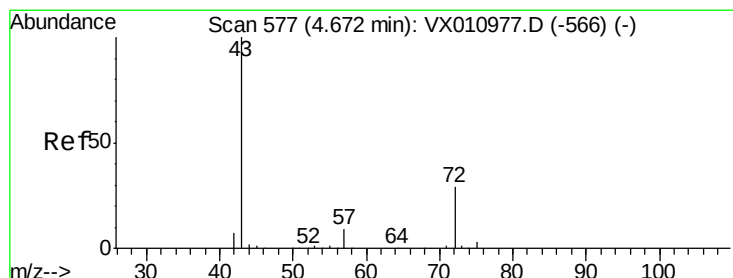
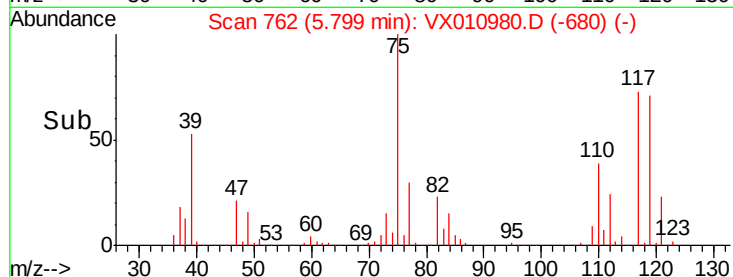
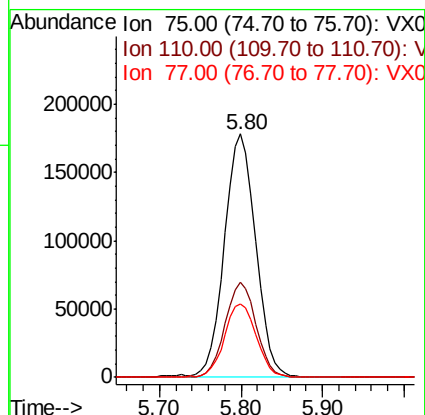
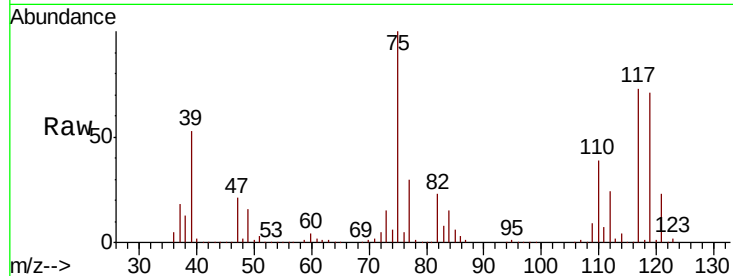




#29
 1,1-Dichloropropene
 Concen: 149.654 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX010980.D
 Acq: 18 Jul 2019 23:55

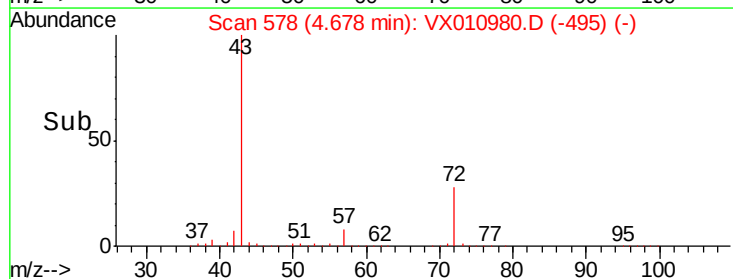
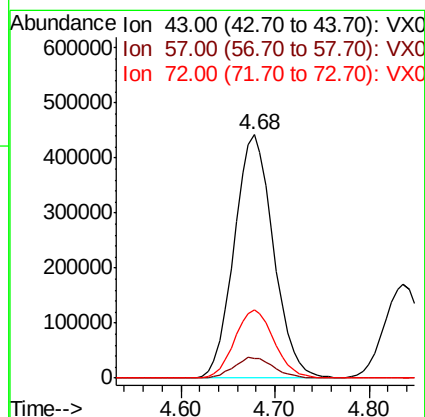
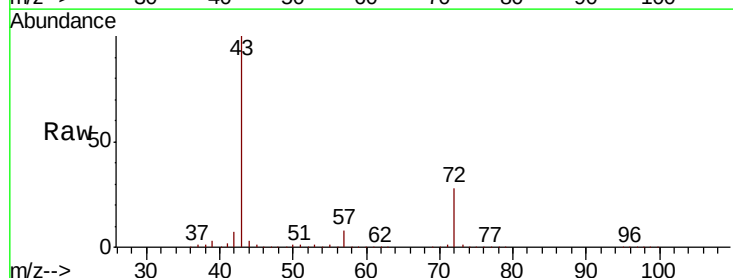
Instrument :
 MSVOA_X
 ClientSampled :

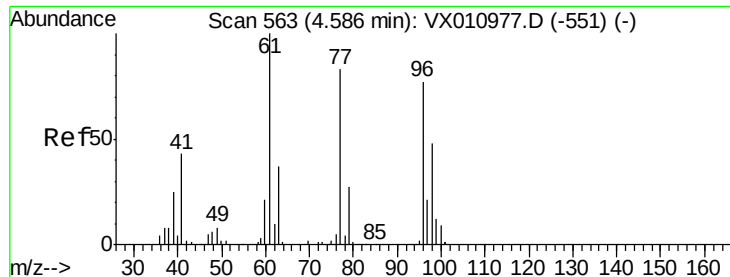
Tot Ion	Ratio	Lower	Upper
75	100		
110	38.7	0.0	79.8
77	30.9	0.0	62.2



#30
 2-Butanone
 Concen: 550.125 ug/l
 RT: 4.68 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: VX010980.D
 Acq: 18 Jul 2019 23:55

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.5	6.8	10.2
72	28.6	23.2	34.8





#31

2,2-Dichloropropane

Concen: 127.976 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX010980.D

Acq: 18 Jul 2019 23:55

Instrument :

MSVOA_X

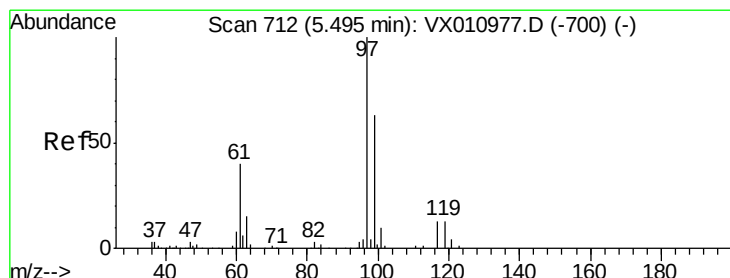
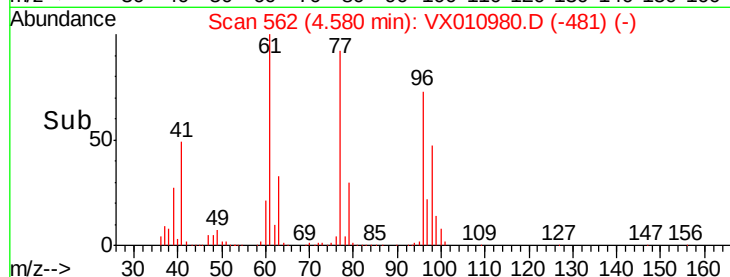
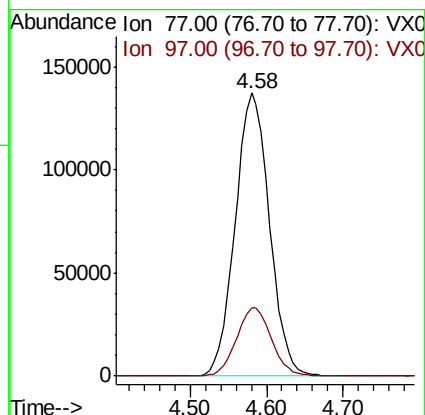
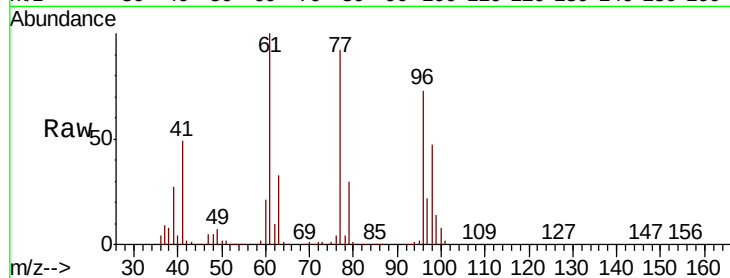
ClientSampleId :

Tot Ion: 77 Resp: 426006

Ion Ratio Lower Upper

77 100

97 24.7 20.9 31.3



#32

1,1,1-Trichloroethane

Concen: 170.608 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX010980.D

Acq: 18 Jul 2019 23:55

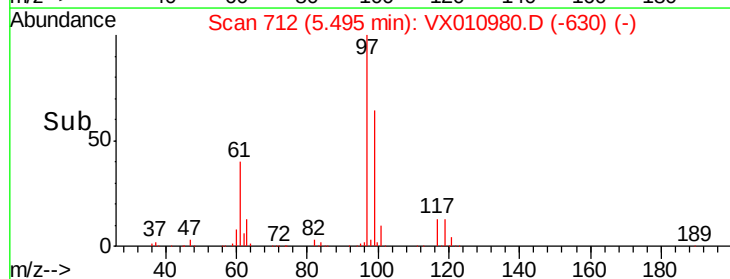
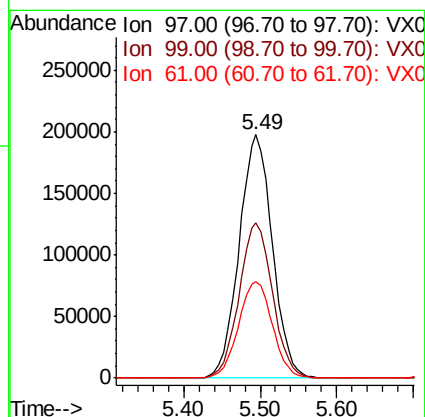
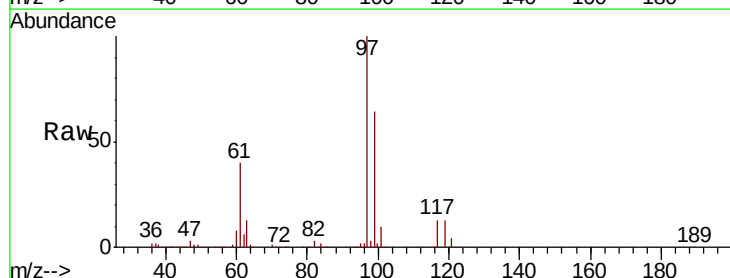
Tgt Ion: 97 Resp: 595929

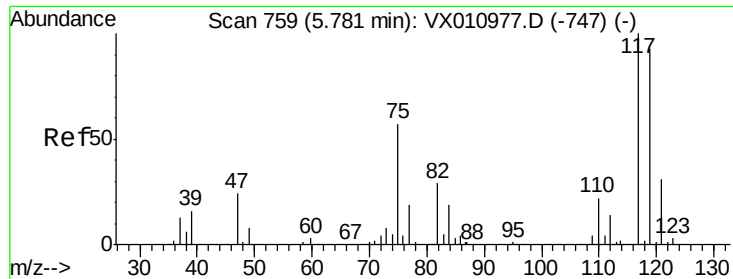
Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.6

61 40.6 34.3 51.5

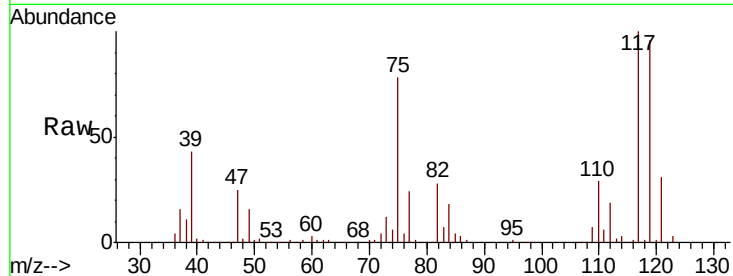




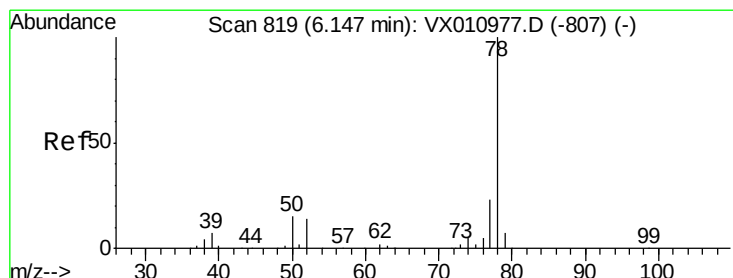
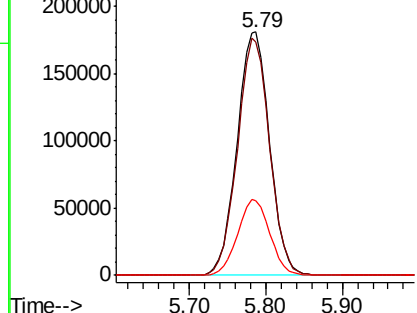
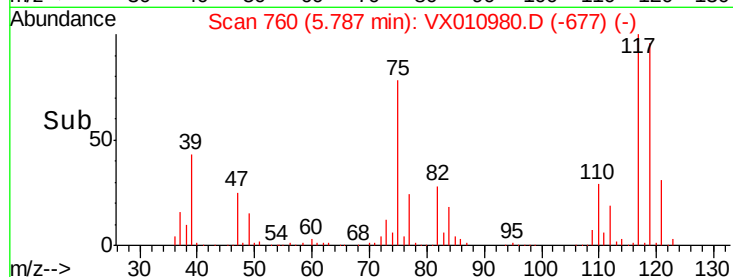
#33
Carbon Tetrachloride
Concen: 182.362 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 532362
Ion Ratio Lower Upper
117 100
119 95.9 74.3 111.5
121 30.7 24.9 37.3

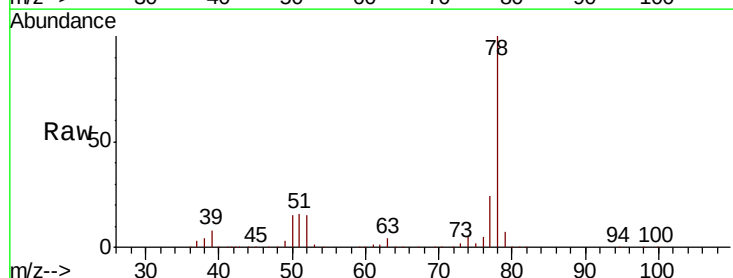


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

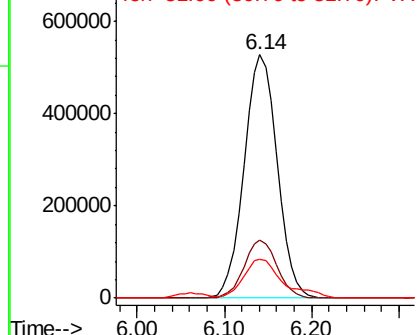
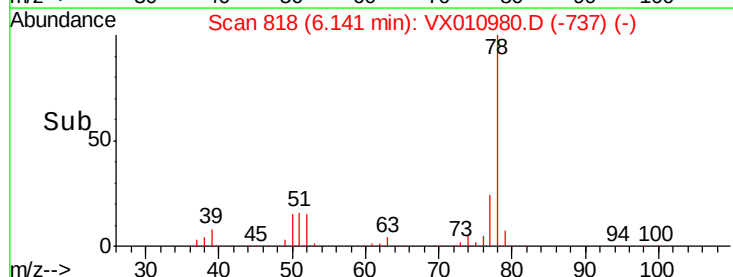


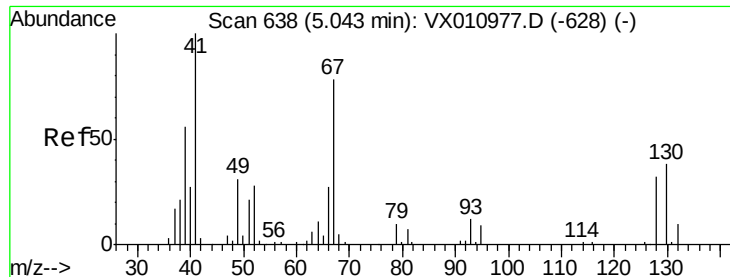
#34
Benzene
Concen: 143.573 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Tgt Ion: 78 Resp: 1389293
Ion Ratio Lower Upper
78 100
77 23.9 18.2 27.4
51 15.9 11.4 17.2



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

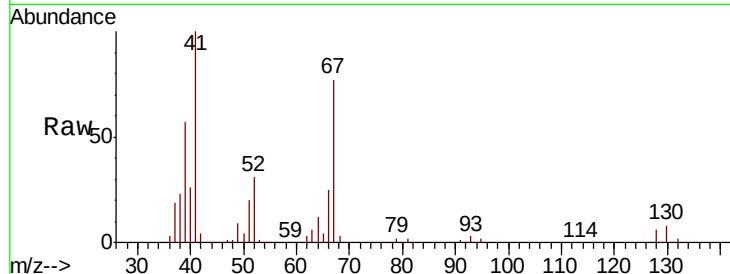




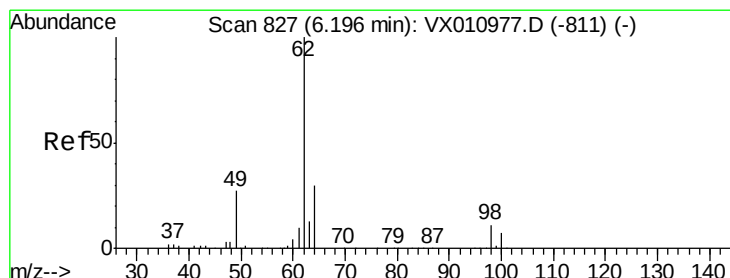
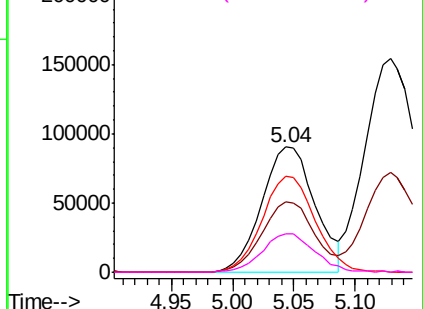
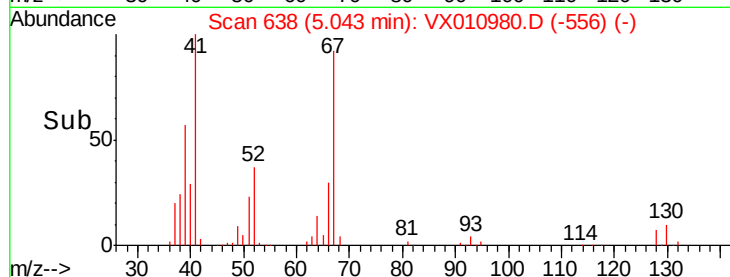
#35
Methacrylonitrile
Concen: 113.471 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	274405
Ion	Ratio	Lower	Upper
41	100		
39	56.5	27.6	82.8
67	76.9	39.1	117.2
52	30.6	14.0	42.0

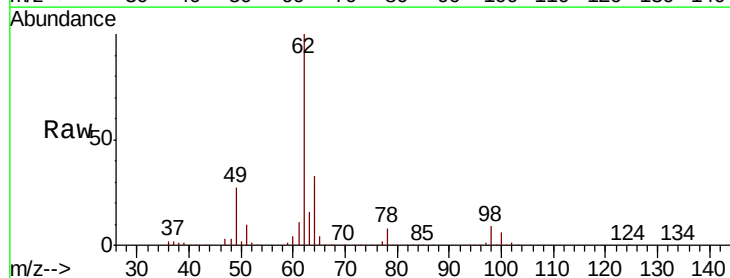


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

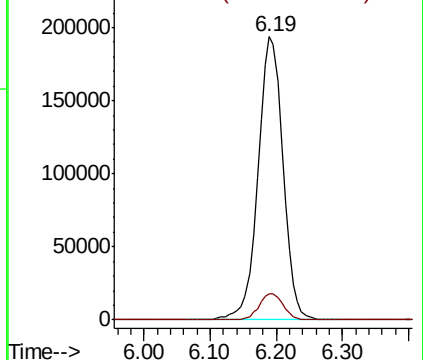
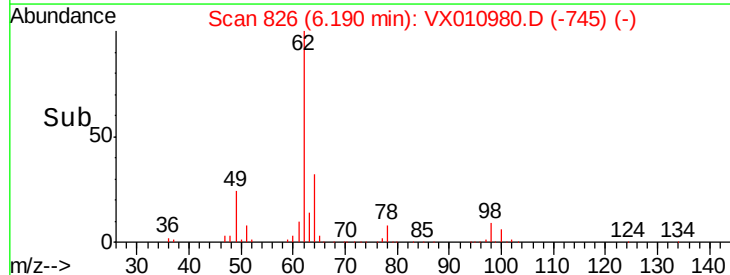


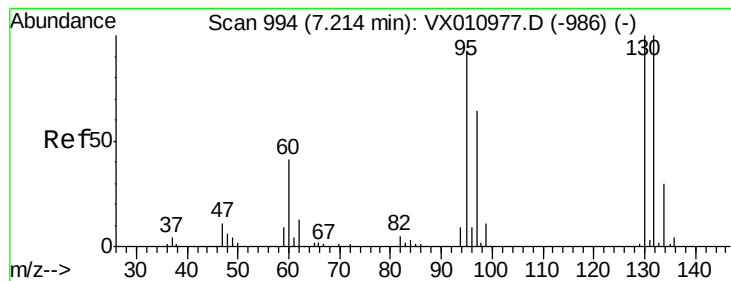
#36
1,2-Dichloroethane
Concen: 145.785 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Tgt Ion:	62	Resp:	508316
Ion	Ratio	Lower	Upper
62	100		
98	9.1	8.0	12.0



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





#37

Trichloroethene

Concen: 169.005 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010980.D

Acq: 18 Jul 2019 23:55

Instrument :

MSVOA_X

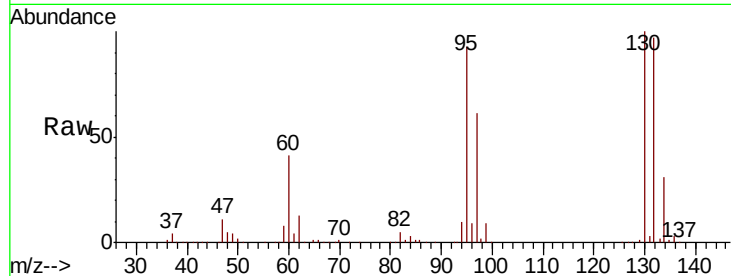
ClientSampleId :

Tot Ion:130 Resp: 409834

Ion Ratio Lower Upper

130 100

95 93.2 74.1 111.1



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

200000

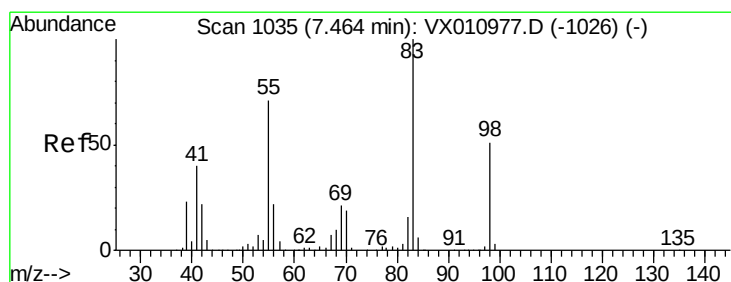
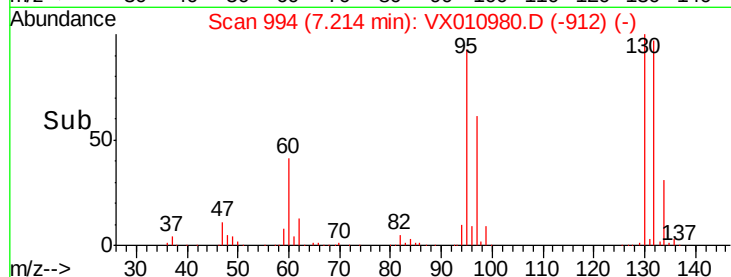
150000

100000

50000

0

Time-->



#38

Methylcyclohexane

Concen: 150.861 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX010980.D

Acq: 18 Jul 2019 23:55

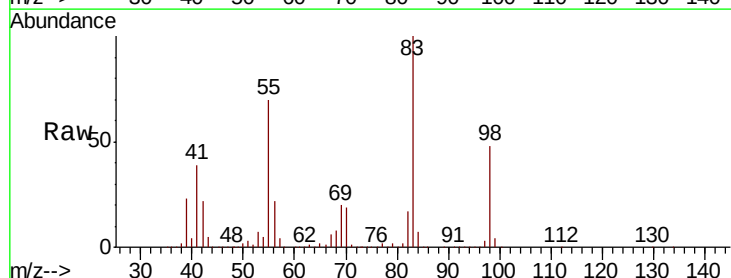
Tgt Ion: 83 Resp: 591637

Ion Ratio Lower Upper

83 100

55 70.5 35.3 105.9

98 48.2 24.0 72.0



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

7.46

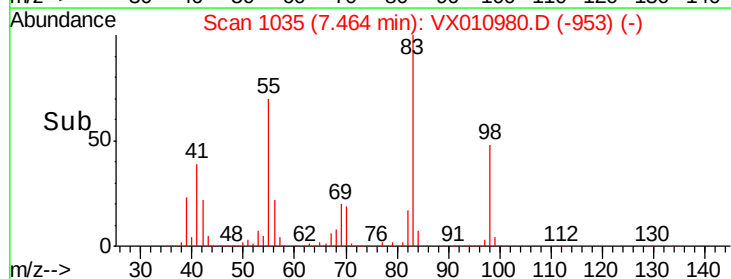
300000

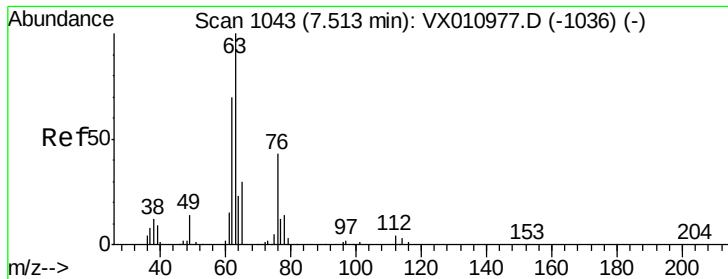
200000

100000

0

Time-->

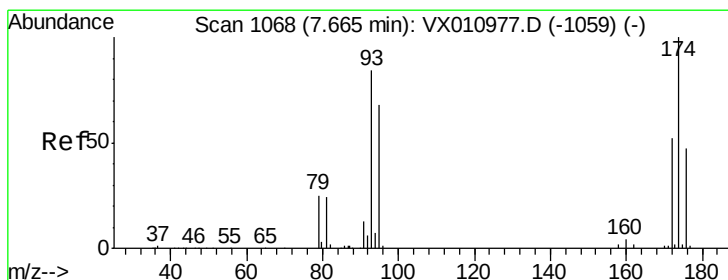
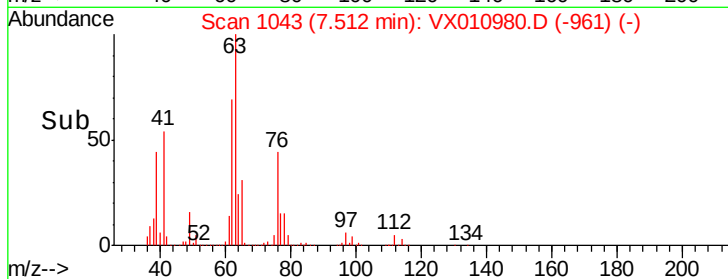
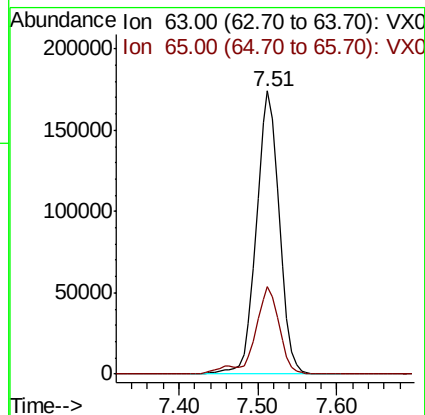
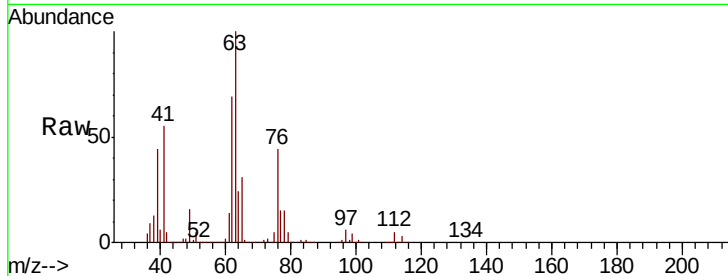




#39
 1,2-Dichloropropane
 Concen: 129.944 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX010980.D
 Acq: 18 Jul 2019 23:55

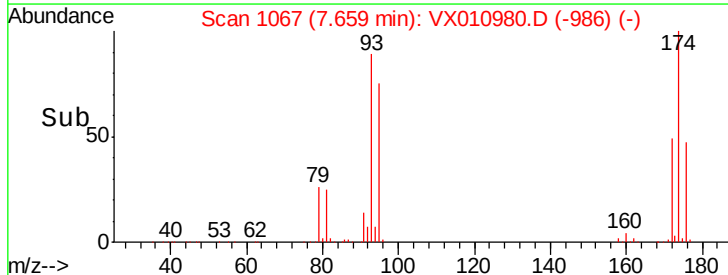
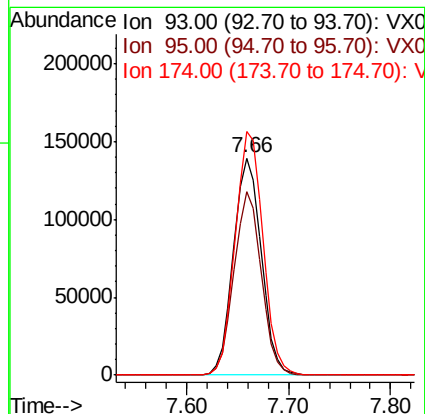
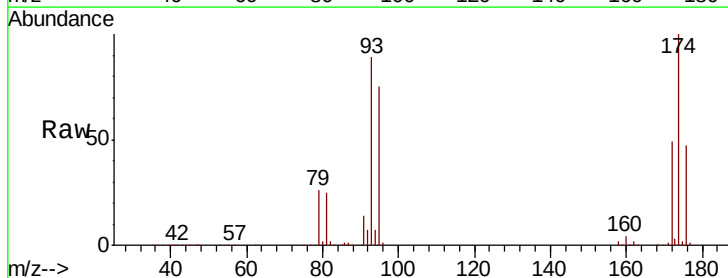
Instrument :
 MSVOA_X
 ClientSampleId :

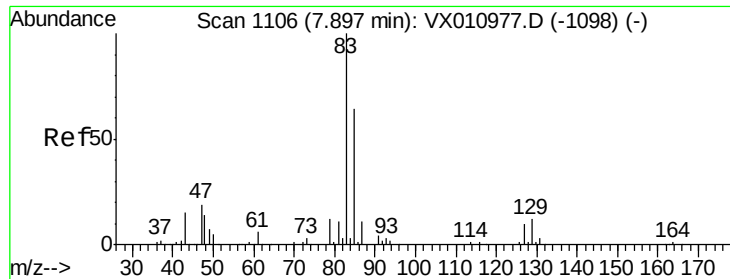
Tot Ion: 63 Resp: 350345
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.6 38.4



#40
 Dibromomethane
 Concen: 164.478 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: VX010980.D
 Acq: 18 Jul 2019 23:55

Tgt Ion: 93 Resp: 263543
 Ion Ratio Lower Upper
 93 100
 95 82.8 0.0 166.0
 174 112.0 0.0 229.2





#41

Bromodichloromethane

Concen: 160.585 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010980.D

Acq: 18 Jul 2019 23:55

Instrument :

MSVOA_X

ClientSampleId :

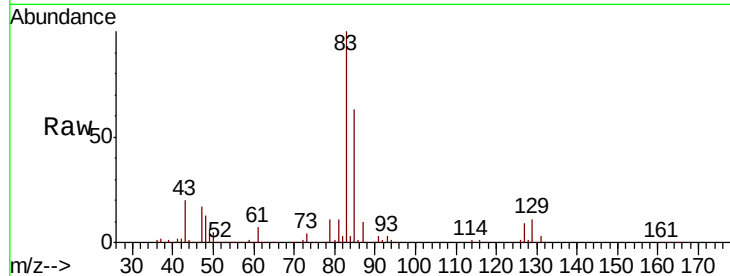
Tot Ion: 83 Resp: 511040

Ion Ratio Lower Upper

83 100

85 62.7 50.9 76.3

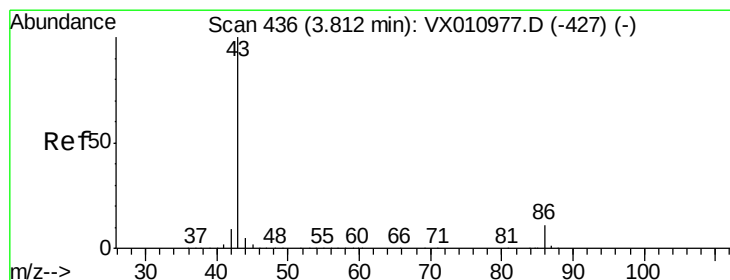
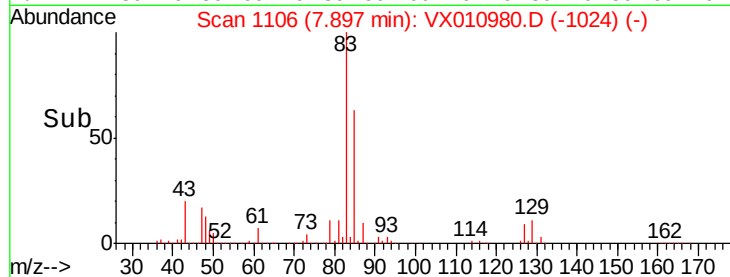
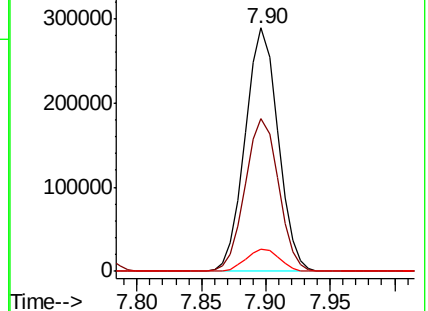
127 9.2 7.7 11.5



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: 558.501 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX010980.D

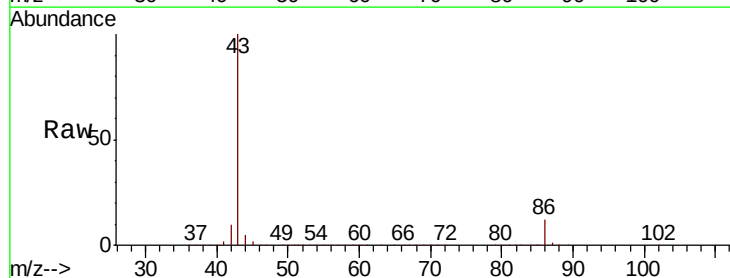
Acq: 18 Jul 2019 23:55

Tgt Ion: 43 Resp: 4269253

Ion Ratio Lower Upper

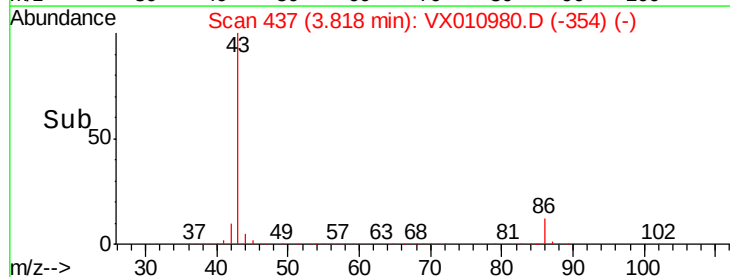
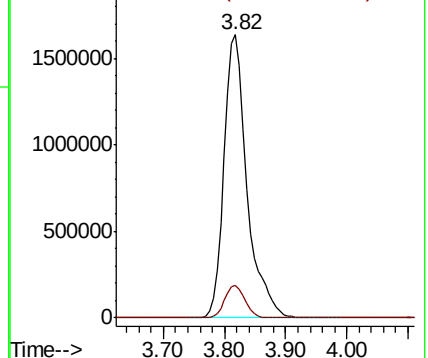
43 100

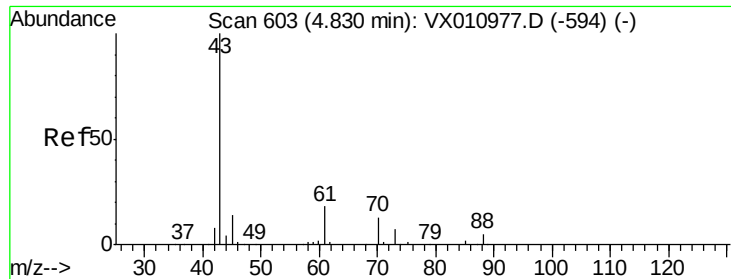
86 10.2 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

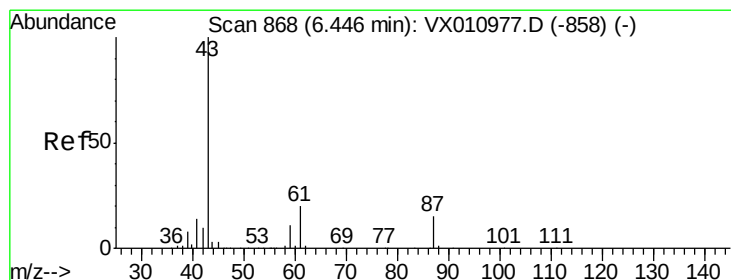
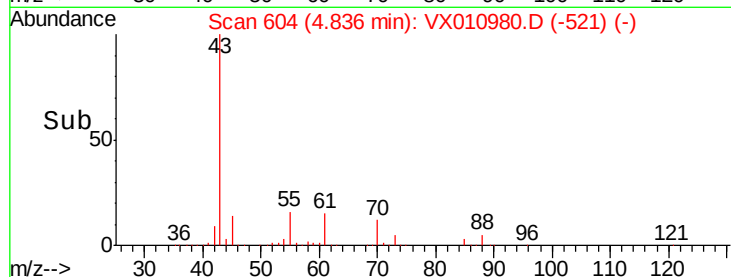
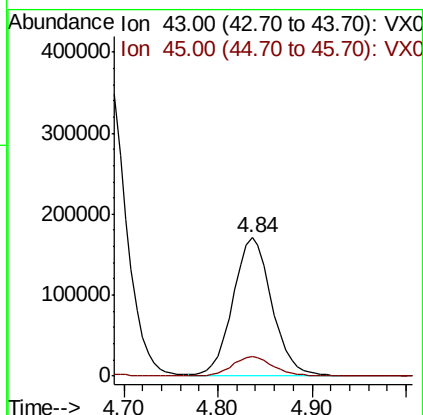
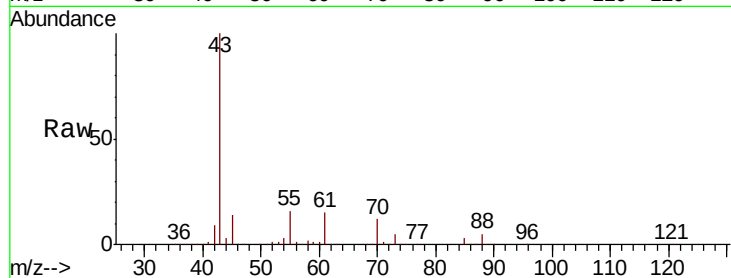




#43
Ethyl Acetate
Concen: 116.486 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

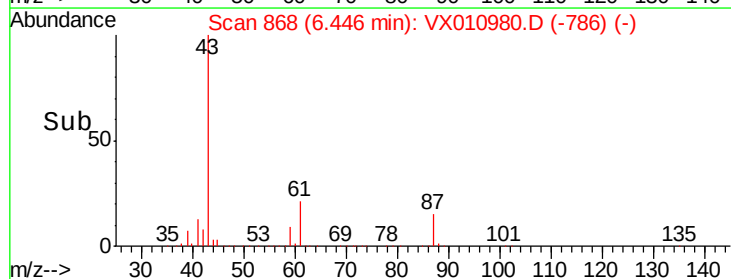
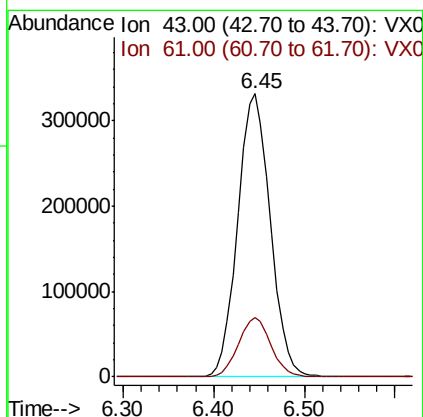
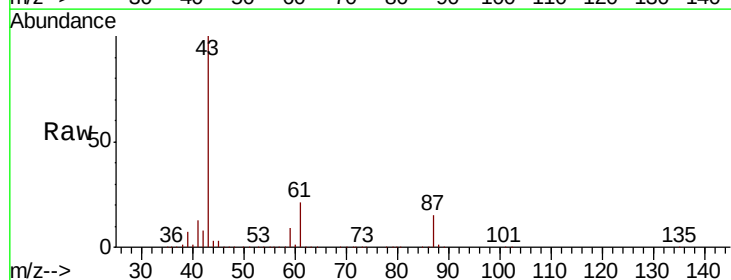
Instrument :
MSVOA_X
ClientSampleId :

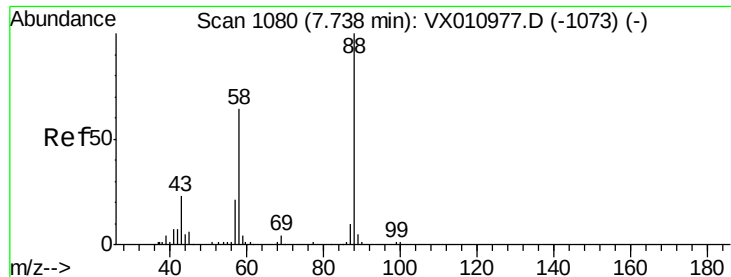
Tot Ion: 43 Resp: 489689
Ion Ratio Lower Upper
43 100
45 14.9 12.1 18.1



#44
Isopropyl Acetate
Concen: 119.785 ug/l
RT: 6.45 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Tgt Ion: 43 Resp: 825234
Ion Ratio Lower Upper
43 100
61 20.8 16.7 25.1

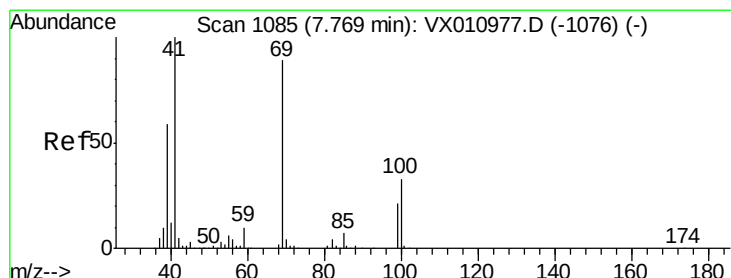
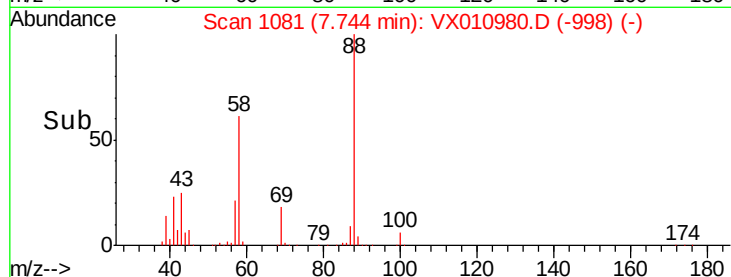
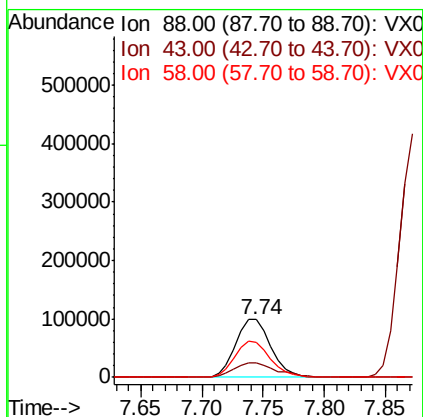
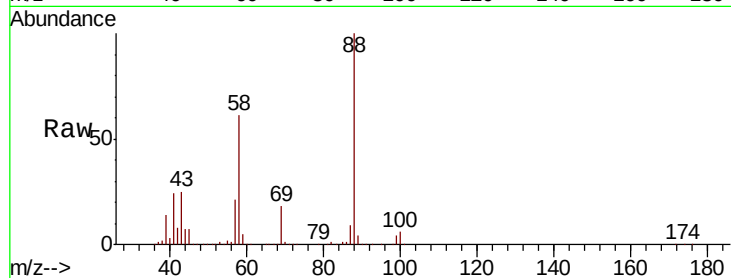




#45
 1,4-Dioxane
 Concen: 2763.211 ug/l
 RT: 7.74 min Scan# 1081
 Delta R.T. 0.01 min
 Lab File: VX010980.D
 Acq: 18 Jul 2019 23:55

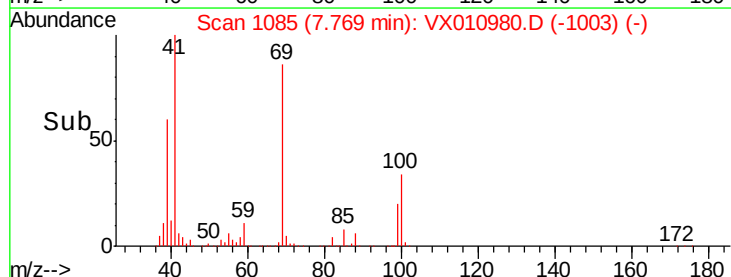
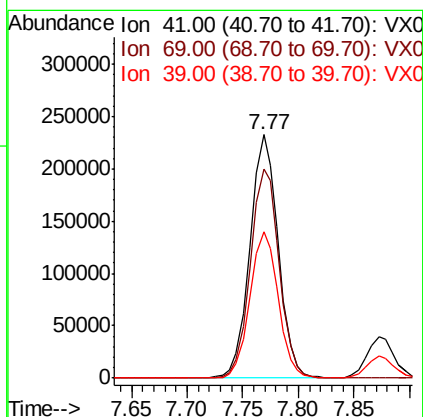
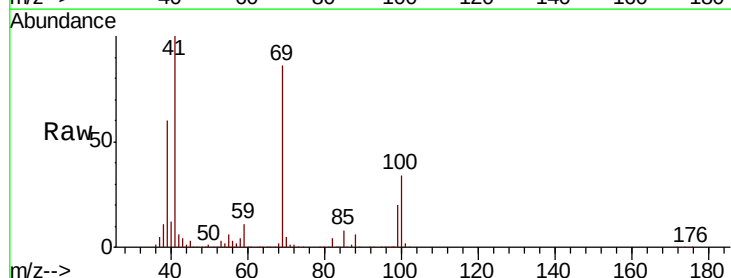
Instrument :
 MSVOA_X
 ClientSampled :

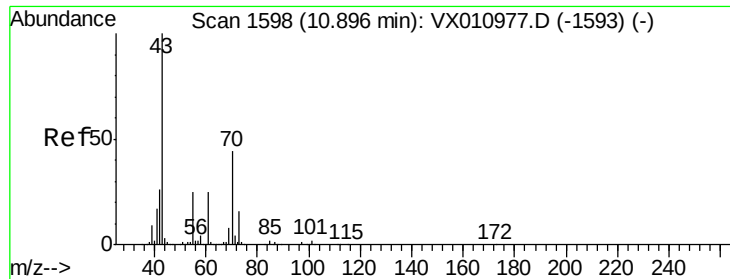
Tot Ion: 88 Resp: 197495
 Ion Ratio Lower Upper
 88 100
 43 29.6 21.6 32.4
 58 63.9 52.2 78.2



#46
 Methyl methacrylate
 Concen: 120.457 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX010980.D
 Acq: 18 Jul 2019 23:55

Tgt Ion: 41 Resp: 411089
 Ion Ratio Lower Upper
 41 100
 69 85.7 44.7 134.1
 39 60.3 29.4 88.2





#47

n-amvl Acetate

Concen: 125.959 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010980.D

Acq: 18 Jul 2019 23:55

Instrument :

MSVOA_X

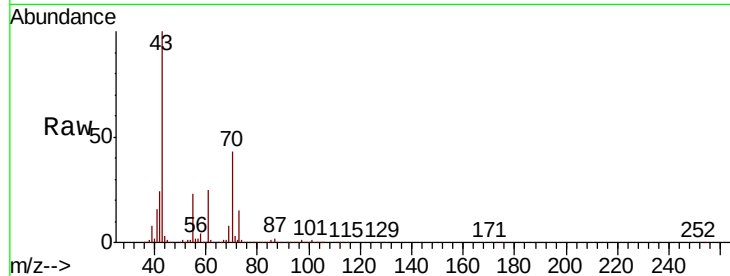
ClientSampleId :

Tot Ion: 43 Resp: 780676

Ion Ratio Lower Upper

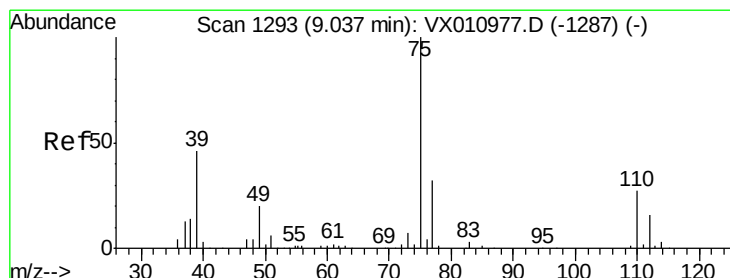
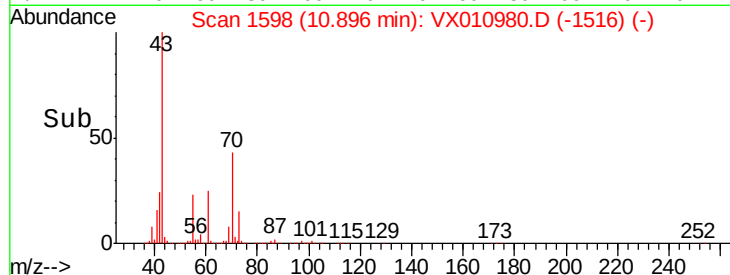
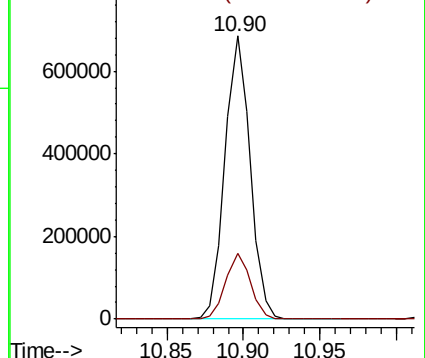
43 100

55 23.3 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 154.334 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010980.D

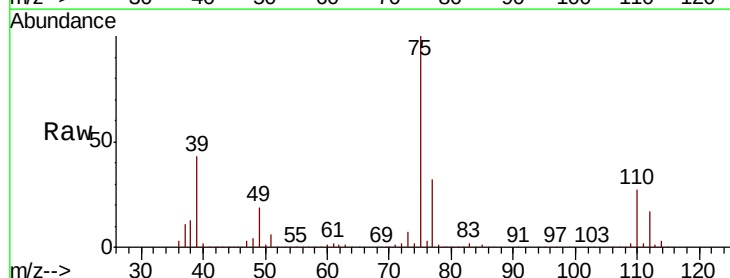
Acq: 18 Jul 2019 23:55

Tgt Ion: 75 Resp: 563341

Ion Ratio Lower Upper

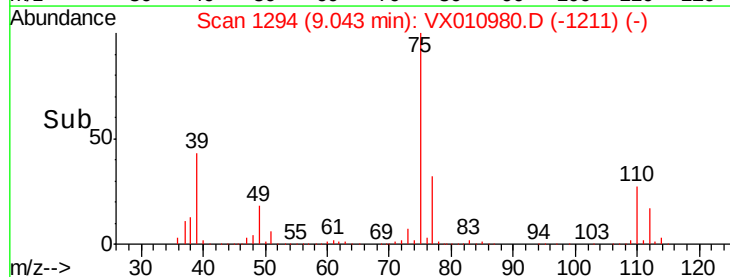
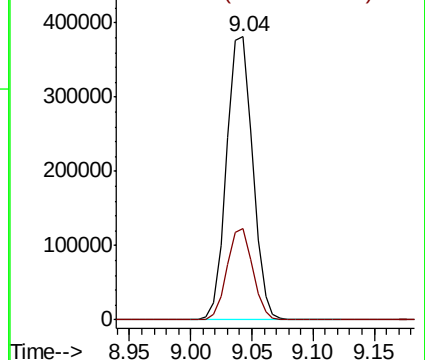
75 100

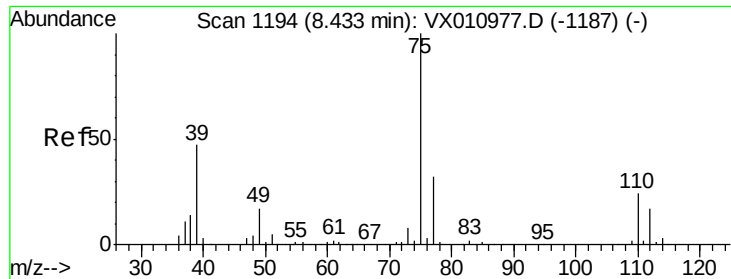
77 32.3 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



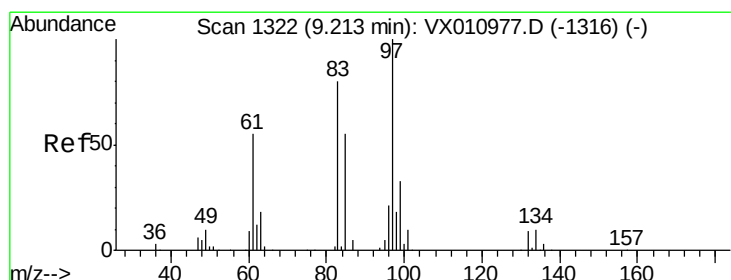
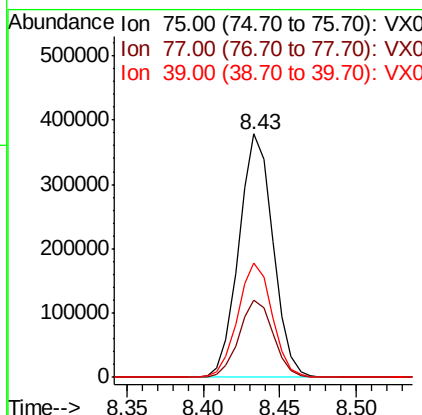
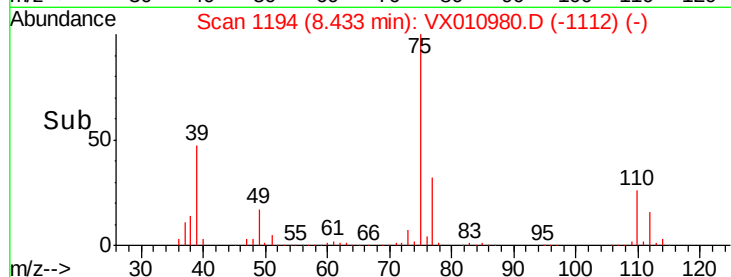
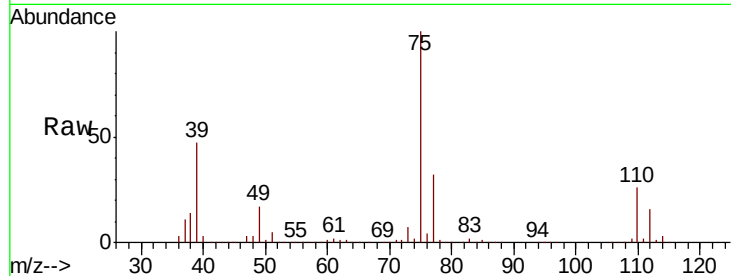


#49

cis-1,3-Dichloropropene
Concen: 145.794 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Instrument :
MSVOA_X
ClientSampleId :

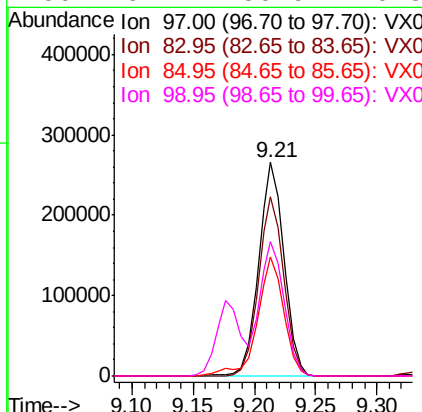
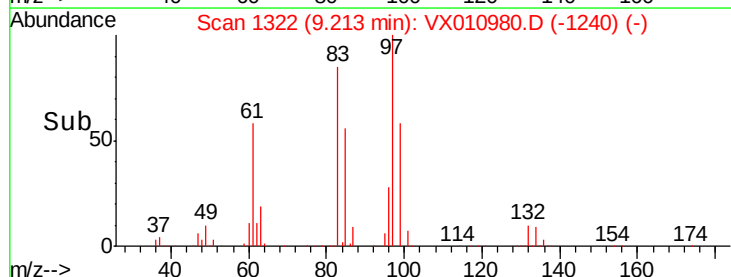
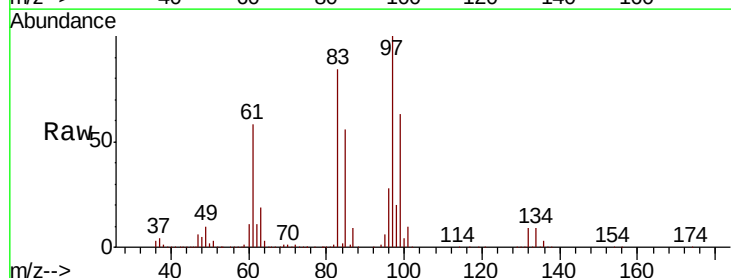
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.3	37.9
39	46.9	37.8	56.6

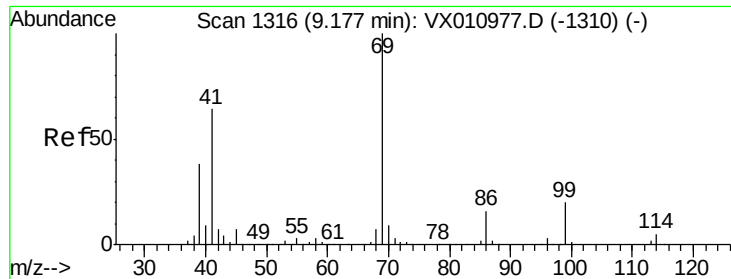


#50

1,1,2-Trichloroethane
Concen: 158.266 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.1	63.9	95.9
85	55.6	43.4	65.2
99	62.7	50.9	76.3





#51

Ethyl methacrylate

Concen: 143.998 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

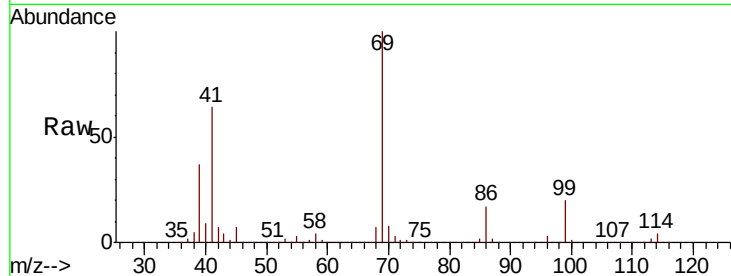
Lab File: VX010980.D

Acq: 18 Jul 2019 23:55

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 69 Resp: 624785

Ion	Ratio	Lower	Upper
69	100		
41	63.8	32.1	96.3
39	36.6	19.1	57.3

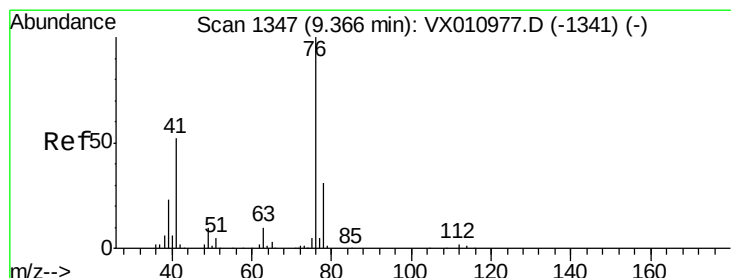
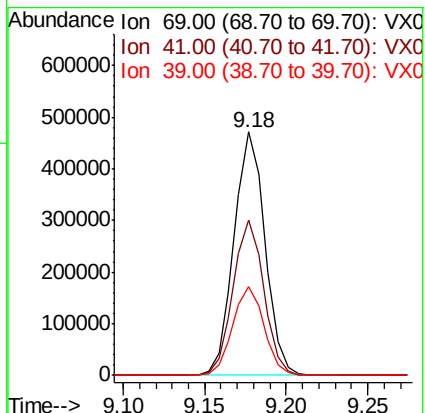
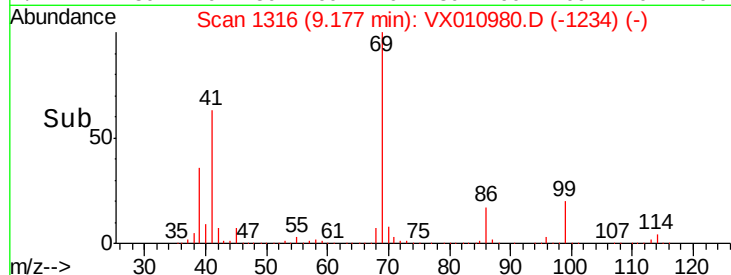


Abundance

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: 143.748 ug/l

RT: 9.37 min Scan# 1348

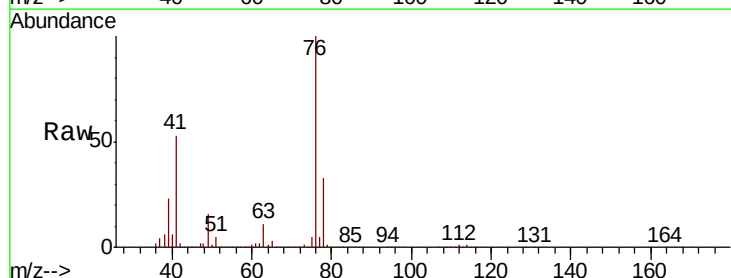
Delta R.T. 0.01 min

Lab File: VX010980.D

Acq: 18 Jul 2019 23:55

Tgt Ion: 76 Resp: 609441

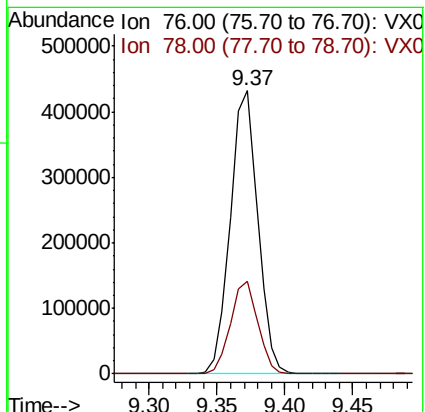
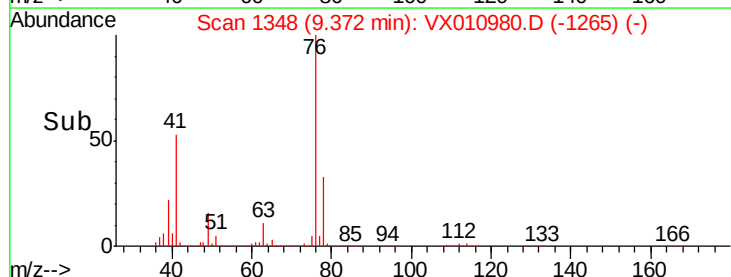
Ion	Ratio	Lower	Upper
76	100		
78	32.6	0.0	63.8

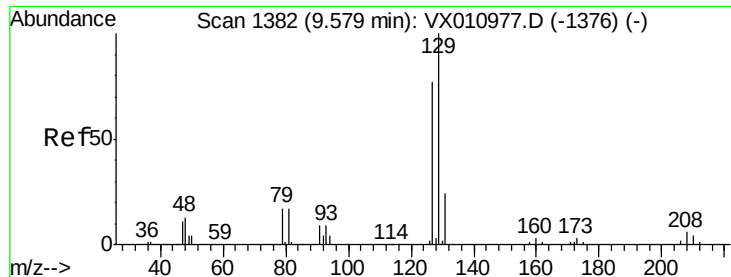


Abundance

Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

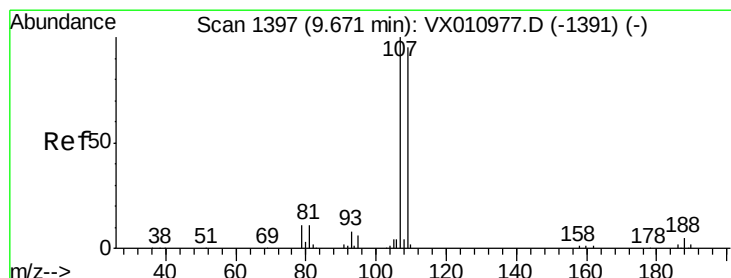
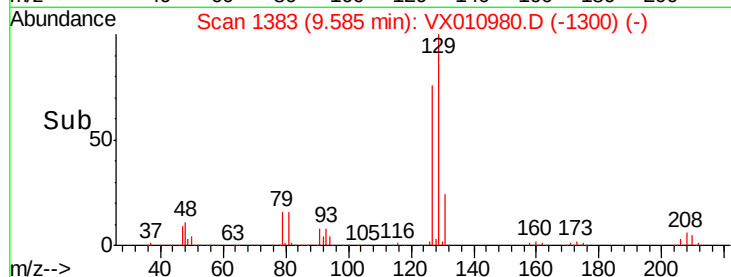
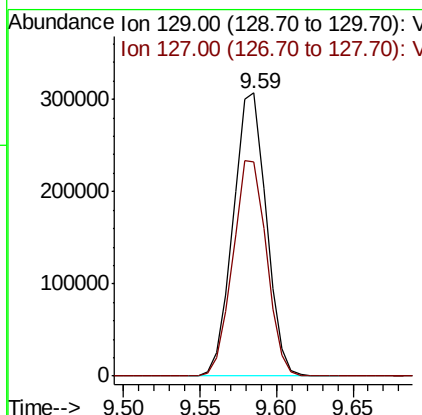
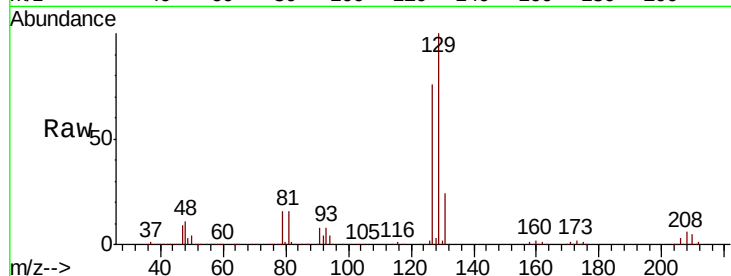




#53
Dibromochloromethane
Concen: 188.724 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

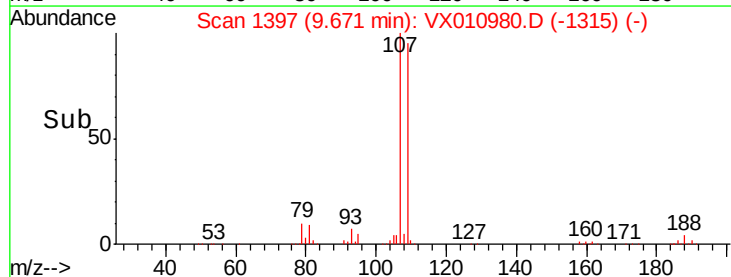
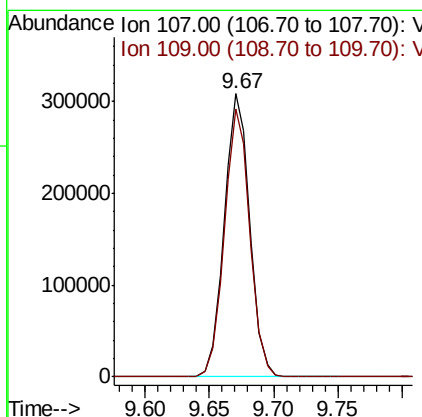
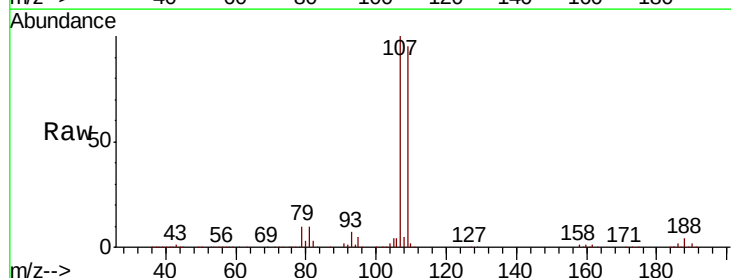
Instrument :
MSVOA_X
ClientSampleId :

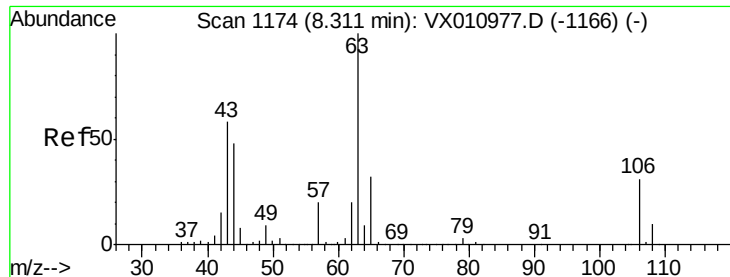
Tot Ion:129 Resp: 462109
Ion Ratio Lower Upper
129 100
127 77.3 38.1 114.3



#54
1,2-Dibromoethane
Concen: 170.009 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Tgt Ion:107 Resp: 428595
Ion Ratio Lower Upper
107 100
109 94.4 77.1 115.7

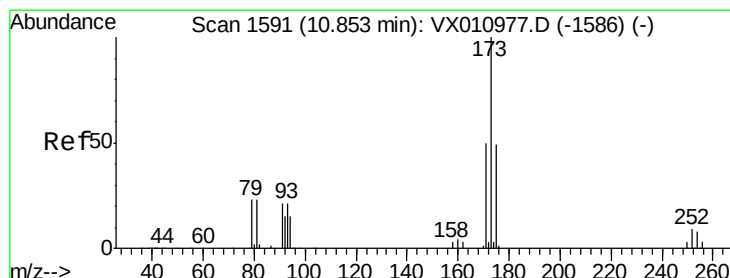
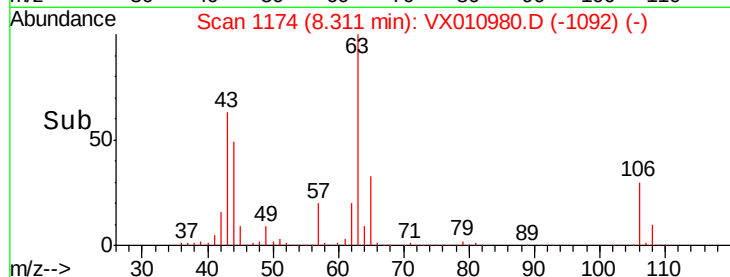
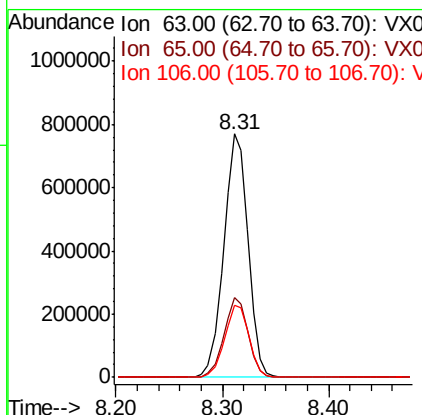
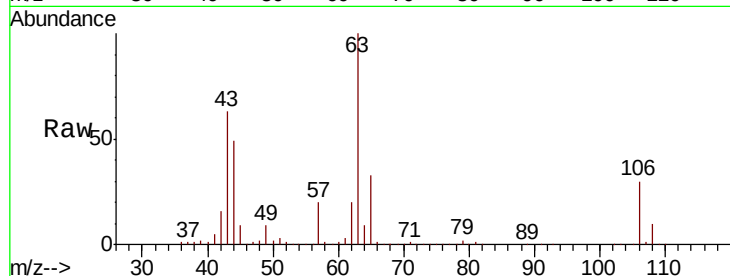




#55
2-Chloroethyl vinyl ether
Concen: 550.345 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. -0.00 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

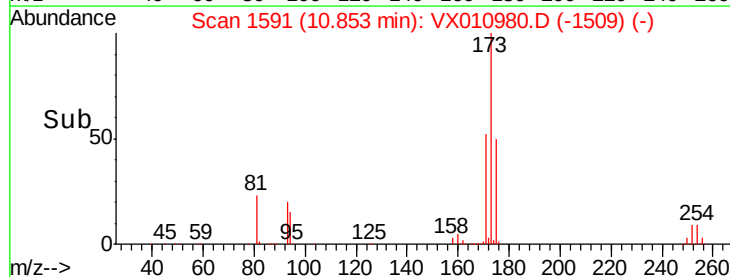
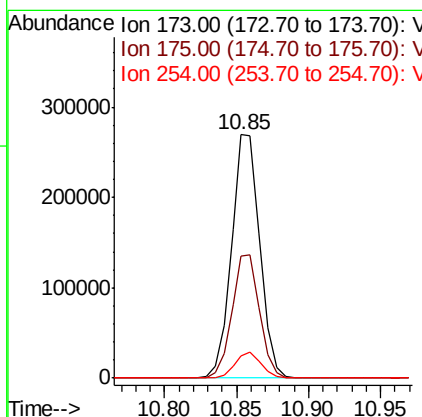
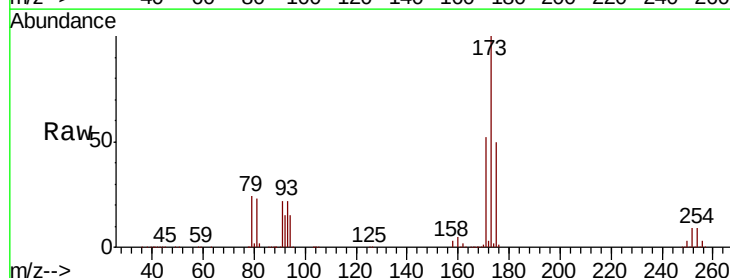
Instrument :
MSVOA_X
ClientSampled :

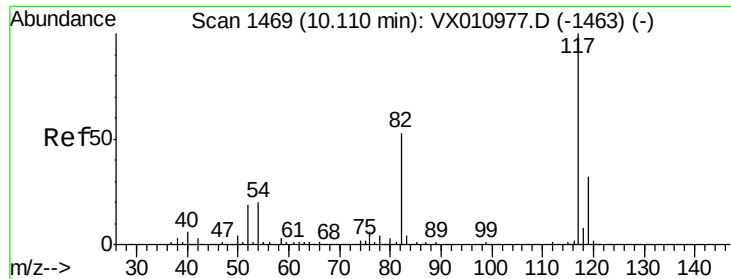
Tot Ion: 63 Resp: 1220446
Ion Ratio Lower Upper
63 100
65 32.5 25.7 38.5
106 30.1 24.8 37.2



#56
Bromoform
Concen: 197.932 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Tgt Ion: 173 Resp: 368984
Ion Ratio Lower Upper
173 100
175 49.3 39.0 58.6
254 10.0 7.9 11.9

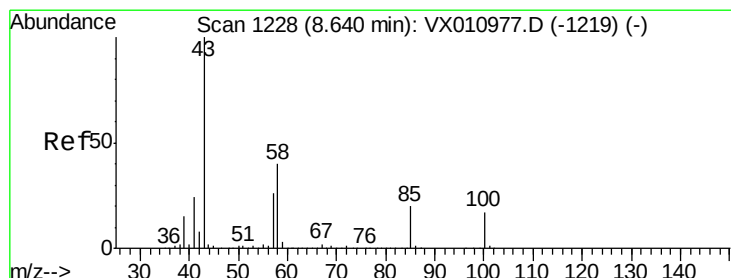
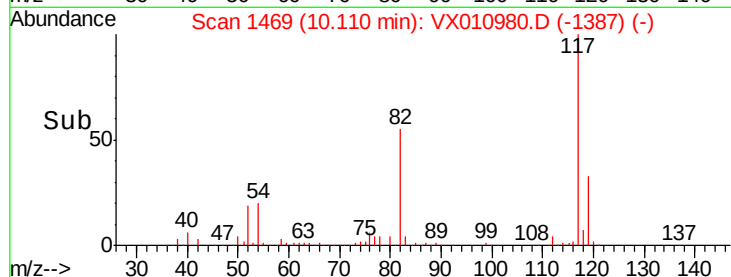
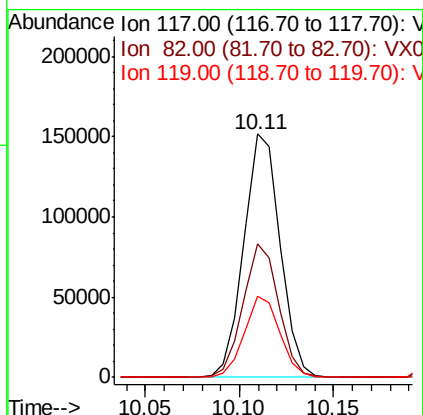
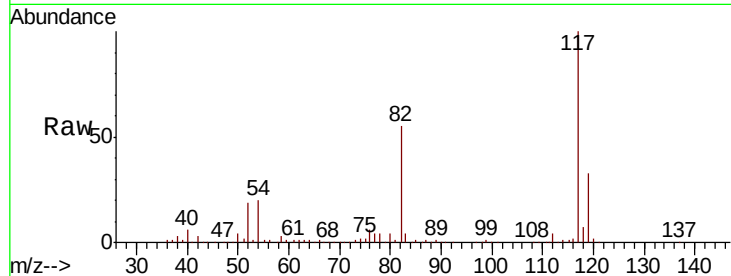




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

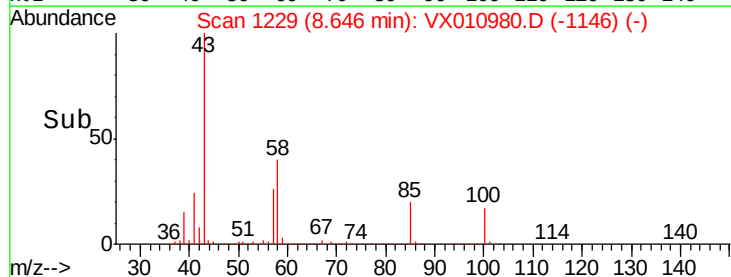
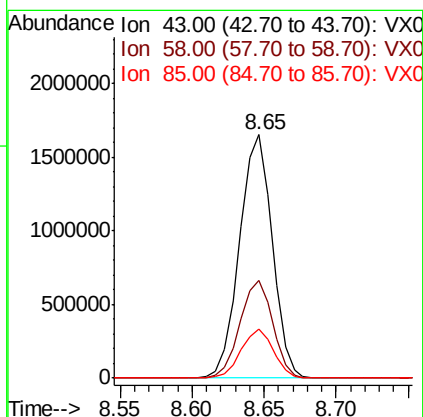
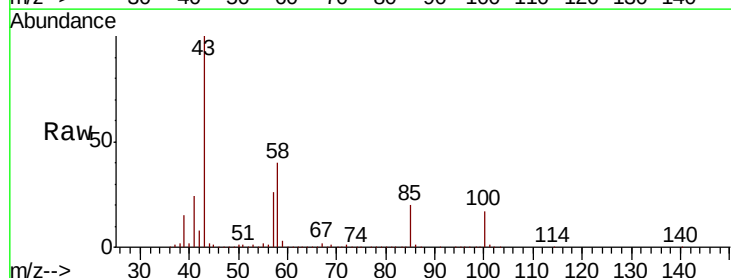
Instrument :
MSVOA_X
ClientSampleId :

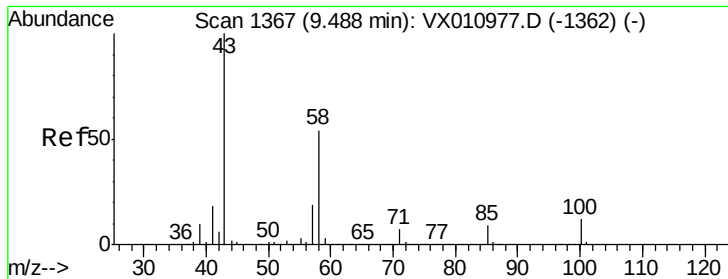
Tot Ion:117 Resp: 203745
Ion Ratio Lower Upper
117 100
82 53.6 41.6 62.4
119 32.7 26.0 39.0



#58
4-Methyl-2-Pentanone
Concen: 555.044 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.01 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Tgt Ion: 43 Resp: 2609030
Ion Ratio Lower Upper
43 100
58 40.3 32.6 48.8
85 19.9 15.8 23.6

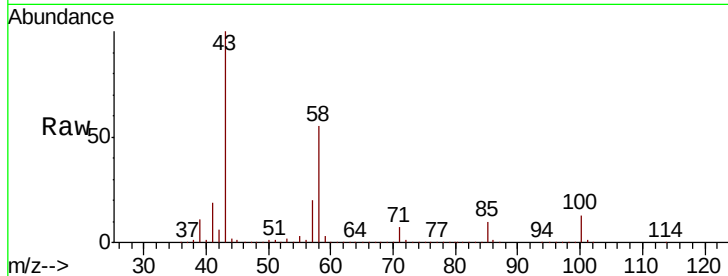




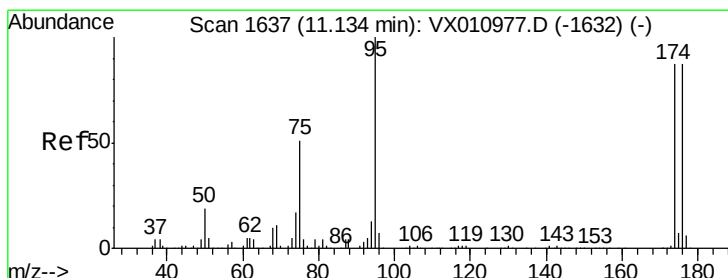
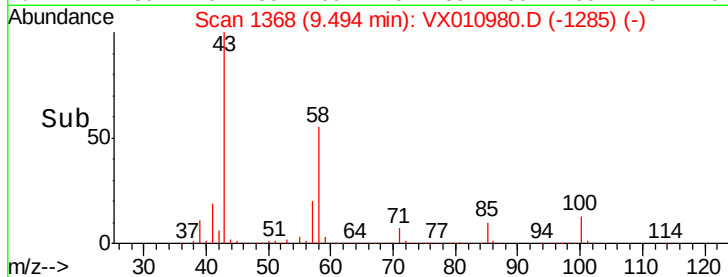
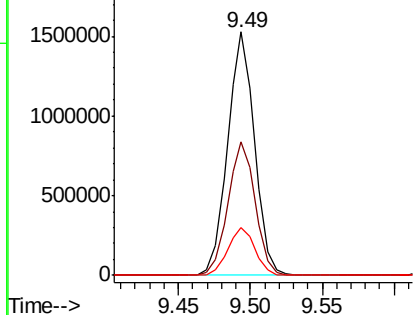
#59
2-Hexanone
Concen: 544.764 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 2000123
Ion Ratio Lower Upper
43 100
58 55.6 44.7 67.1
57 19.9 15.4 23.2

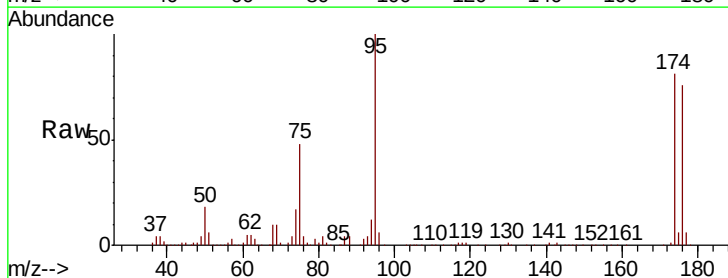


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

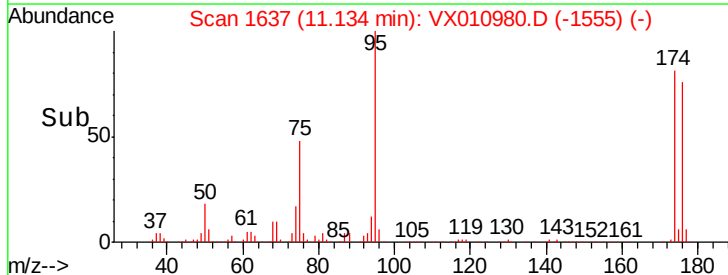
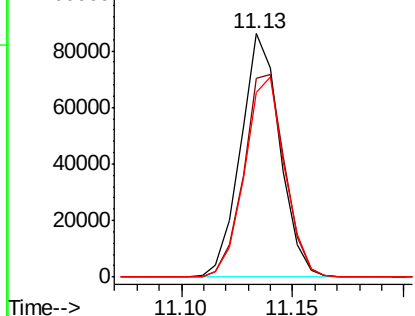


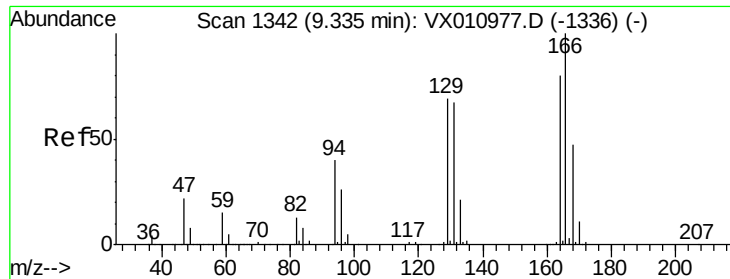
#60
4-Bromofluorobenzene
Concen: 31.042 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Tgt Ion: 95 Resp: 105828
Ion Ratio Lower Upper
95 100
174 87.2 73.3 109.9
176 84.1 71.2 106.8



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

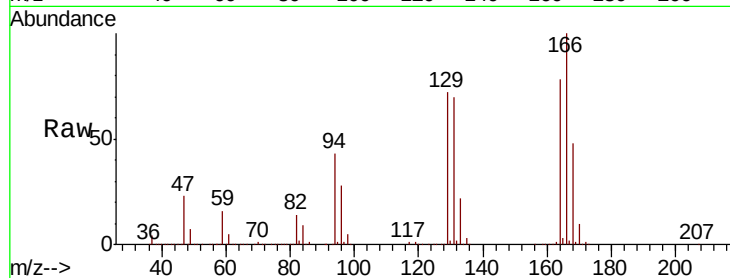




#61
Tetrachloroethene
Concen: 163.132 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
166	127.7	100.1	150.1
129	92.0	69.6	104.4
131	89.0	67.0	100.6



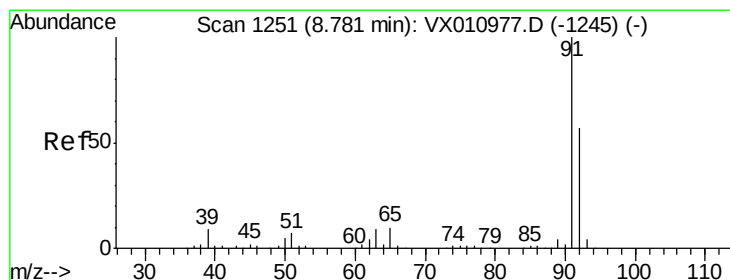
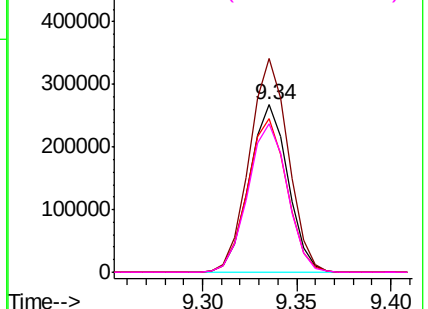
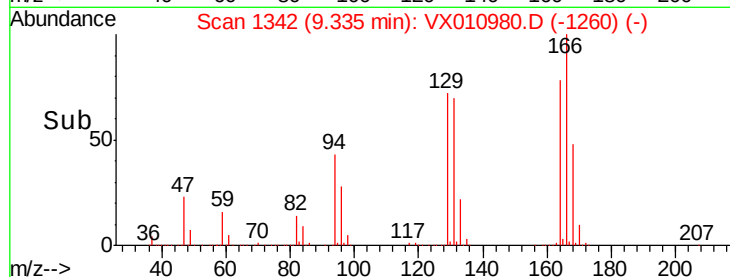
Abundance

Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

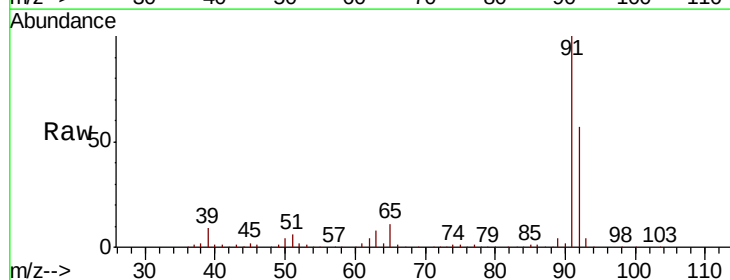
Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62
Toluene
Concen: 146.960 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.01 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

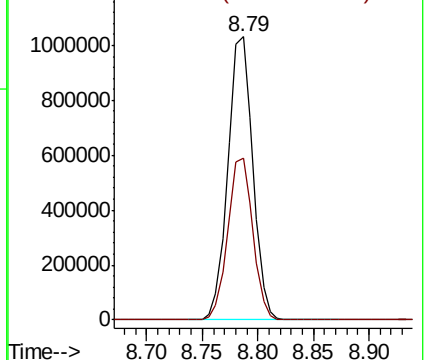
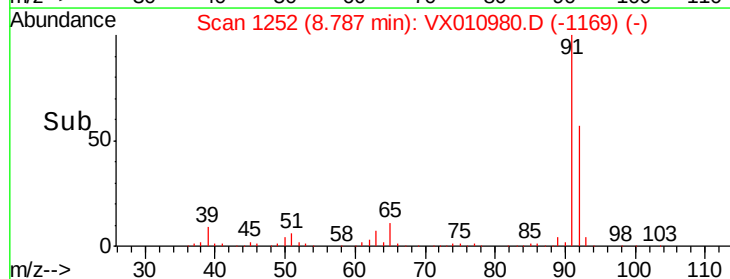
Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.6	45.4	68.2

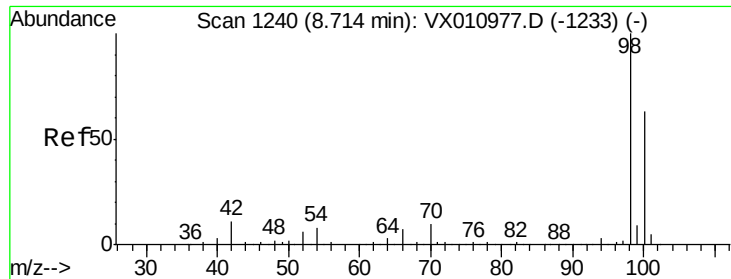


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

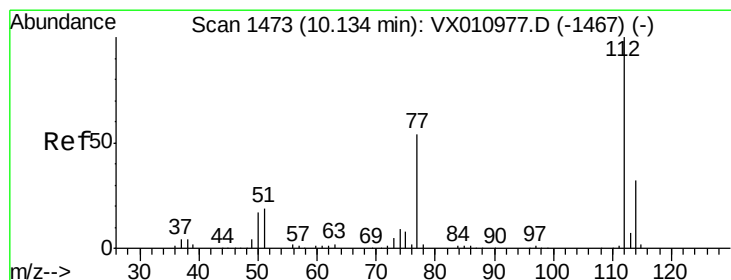
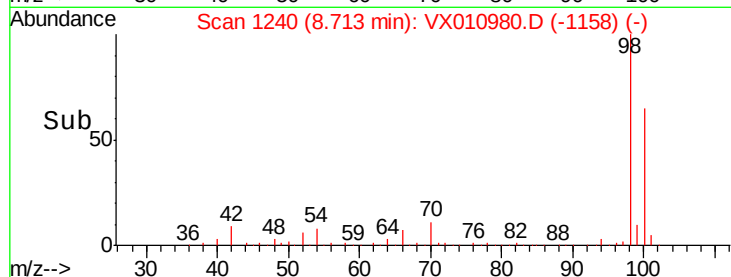
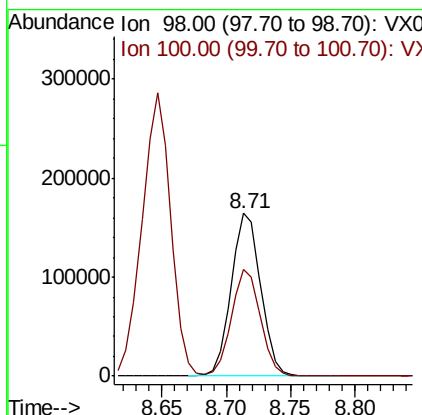
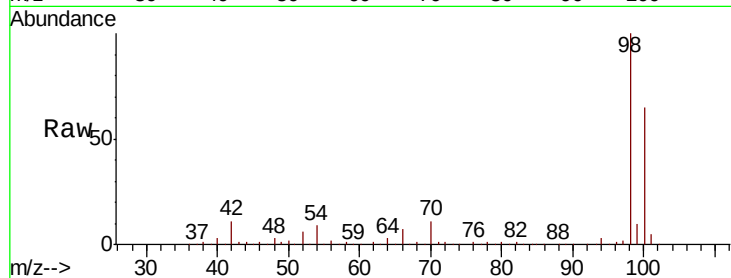




#63
Toluene-d8
Concen: 27.627 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

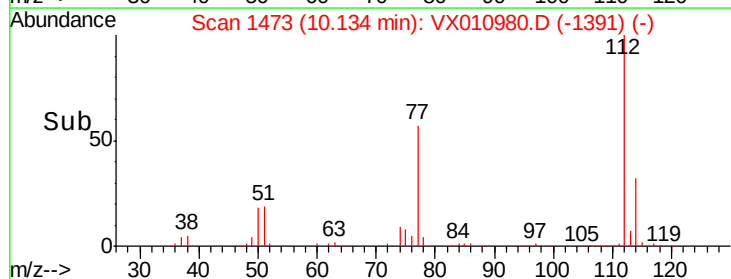
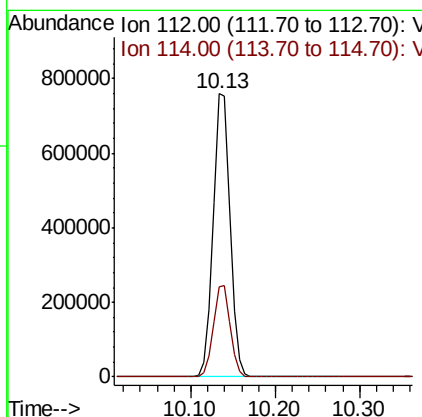
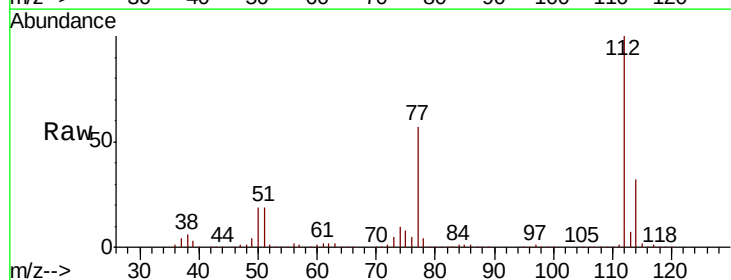
Instrument :
MSVOA_X
ClientSampleId :

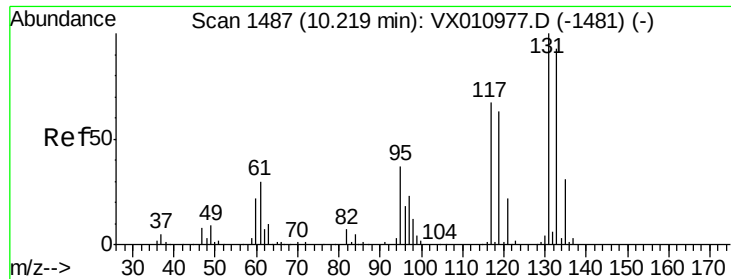
Tot Ion: 98 Resp: 262624
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.0



#64
Chlorobenzene
Concen: 160.425 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Tgt Ion: 112 Resp: 1064161
Ion Ratio Lower Upper
112 100
114 31.9 25.3 37.9

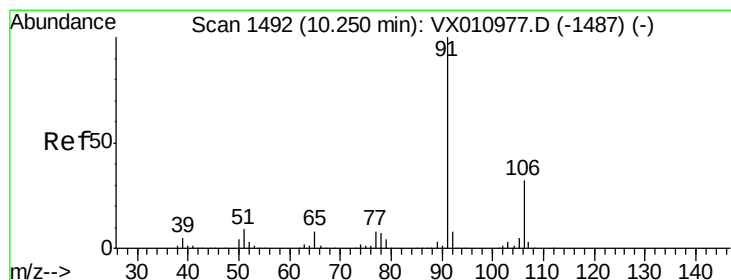
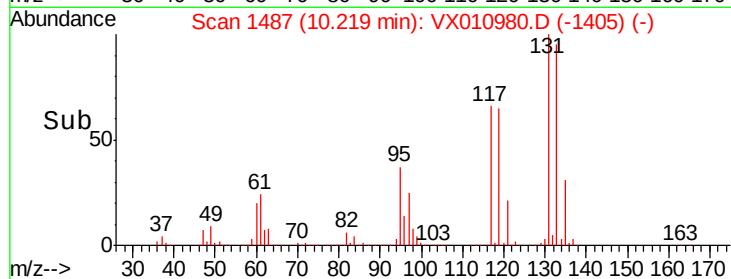
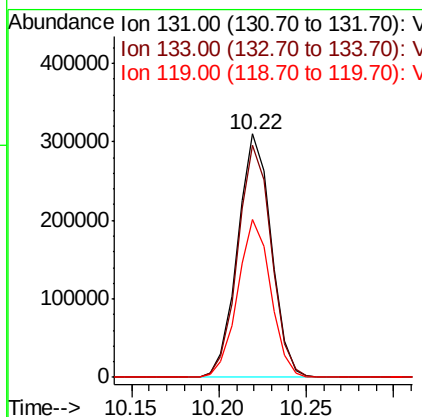
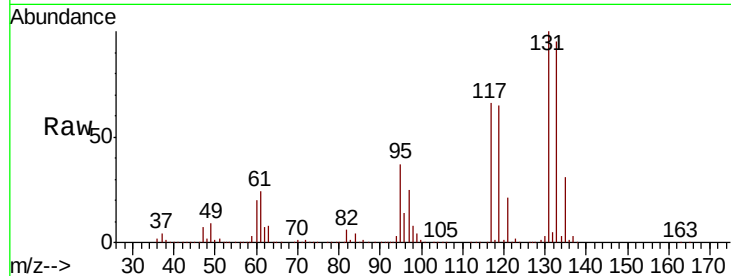




#65
 1,1,1,2-Tetrachloroethane
 Concen: 171.063 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX010980.D
 Acq: 18 Jul 2019 23:55

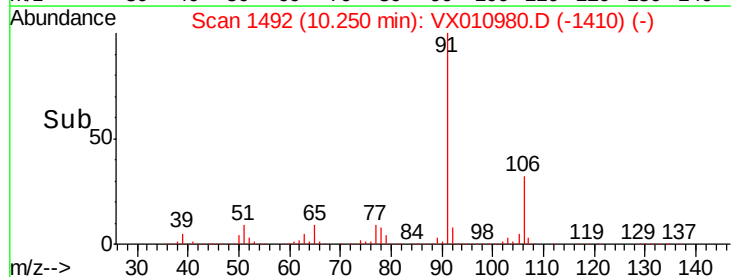
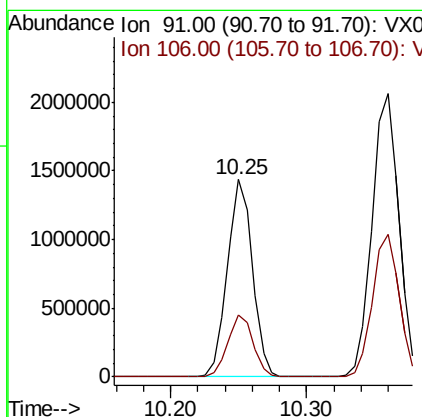
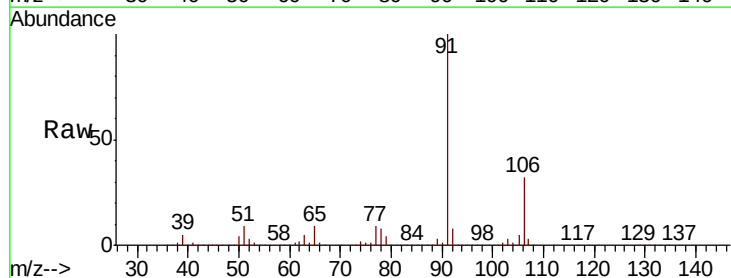
Instrument :
 MSVOA_X
 ClientSampleId :

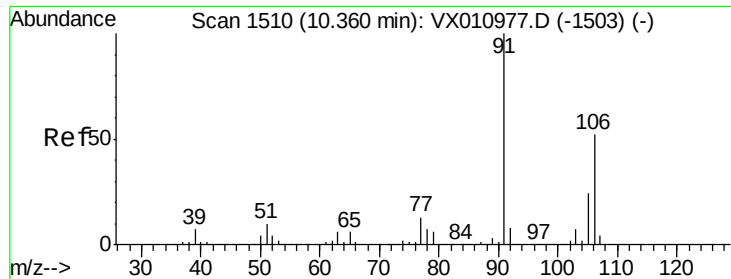
Tot Ion:131 Resp: 414110
 Ion Ratio Lower Upper
 131 100
 133 95.3 0.0 190.2
 119 64.0 0.0 127.0



#66
 Ethyl Benzene
 Concen: 151.843 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX010980.D
 Acq: 18 Jul 2019 23:55

Tgt Ion: 91 Resp: 1841837
 Ion Ratio Lower Upper
 91 100
 106 31.6 25.8 38.8





#67

m/p-Xylenes

Concen: 313.882 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX010980.D

Acq: 18 Jul 2019 23:55

Instrument :

MSVOA_X

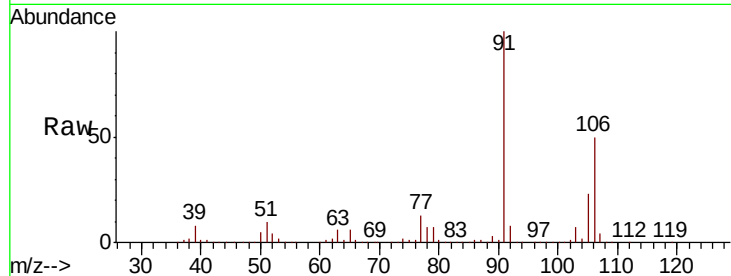
ClientSampleId :

Tot Ion:106 Resp: 1409350

Ion Ratio Lower Upper

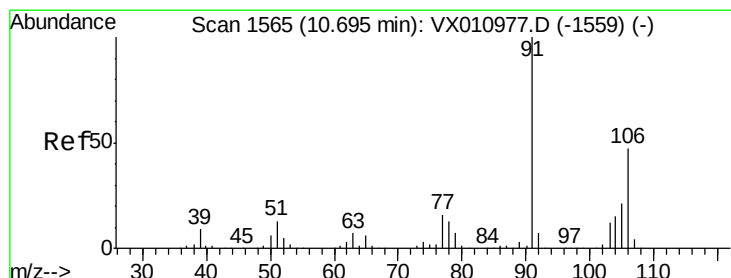
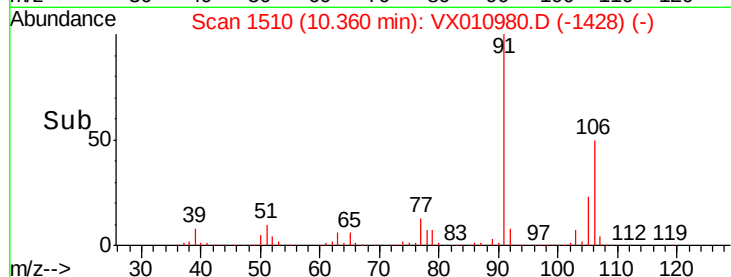
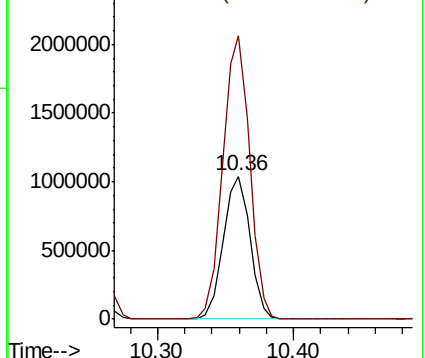
106 100

91 199.1 156.6 235.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 157.052 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VX010980.D

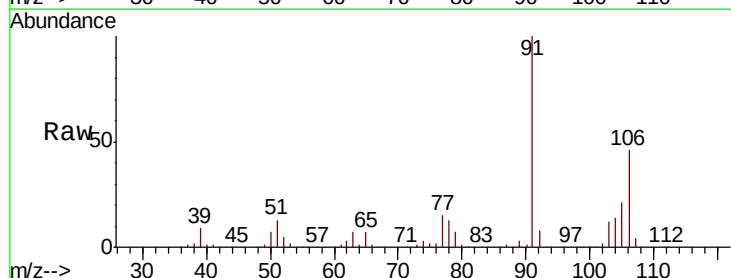
Acq: 18 Jul 2019 23:55

Tgt Ion:106 Resp: 692195

Ion Ratio Lower Upper

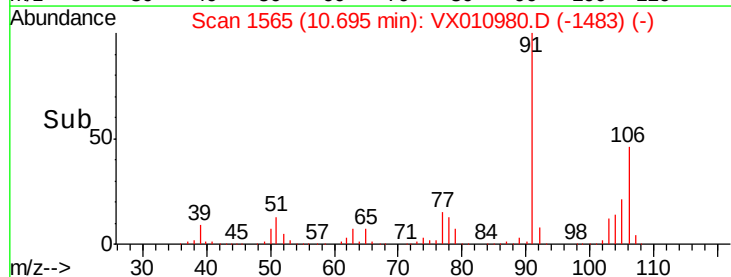
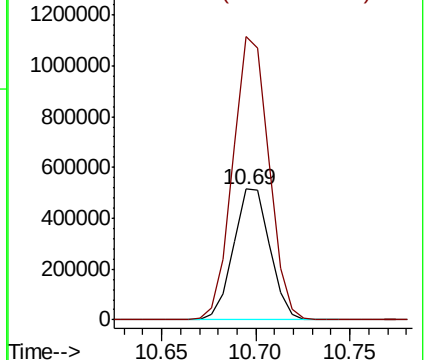
106 100

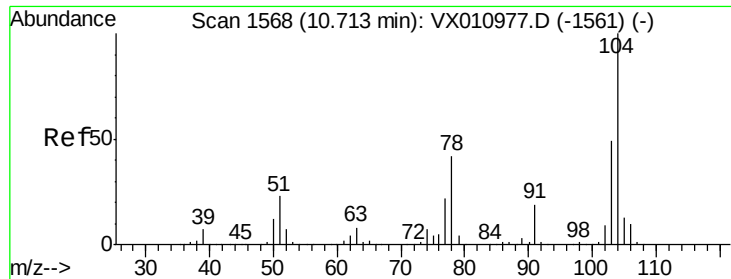
91 213.5 104.0 312.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

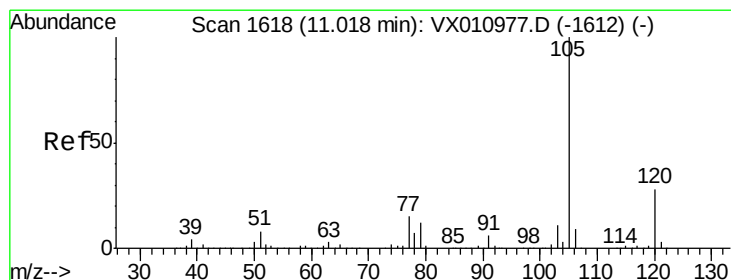
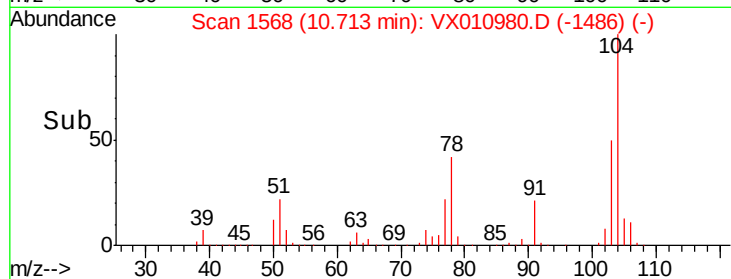
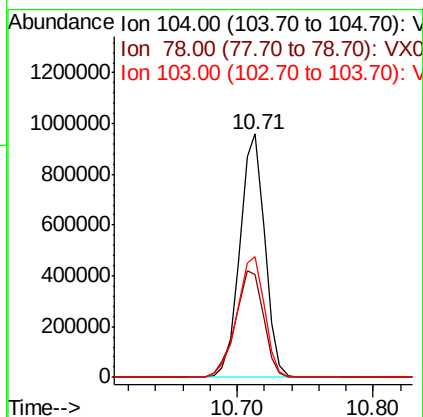
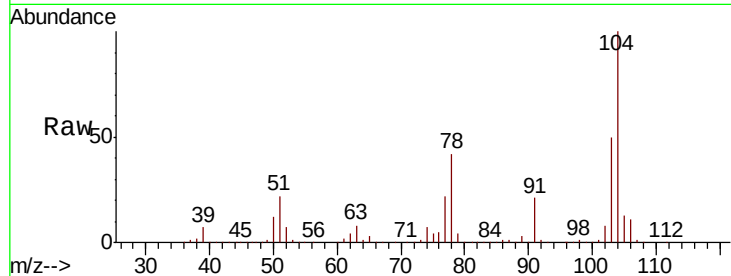




#69
Stvrene
Concen: 159.703 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

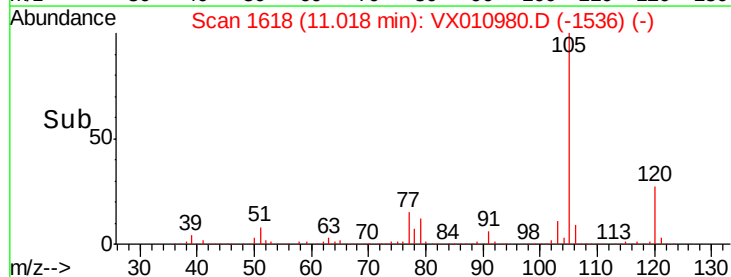
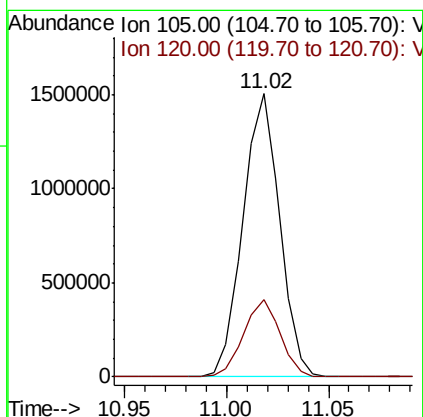
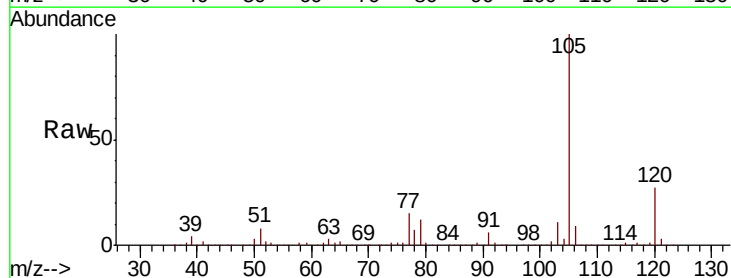
Instrument :
MSVOA_X
ClientSampleId :

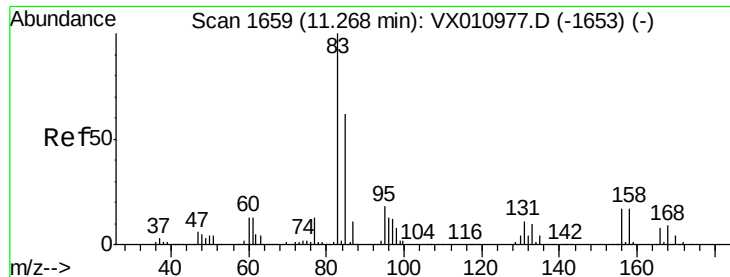
Tot Ion:104 Resp: 1221257
Ion Ratio Lower Upper
104 100
78 49.7 38.5 57.7
103 55.0 44.6 67.0



#70
Isopropylbenzene
Concen: 160.138 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Tgt Ion:105 Resp: 1884967
Ion Ratio Lower Upper
105 100
120 27.2 19.4 36.0

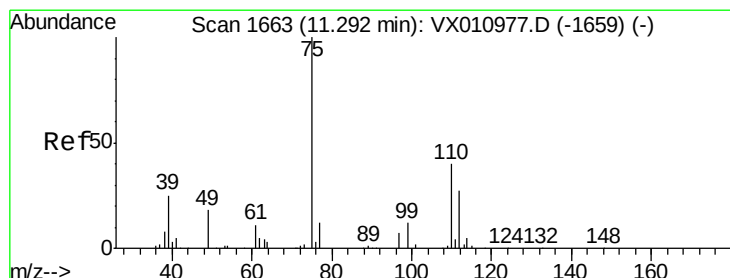
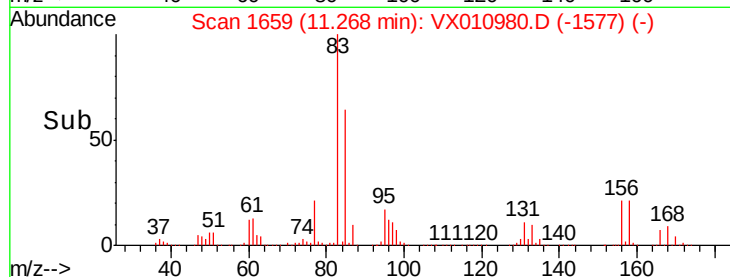
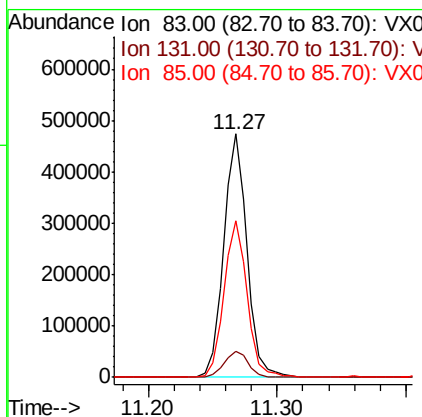
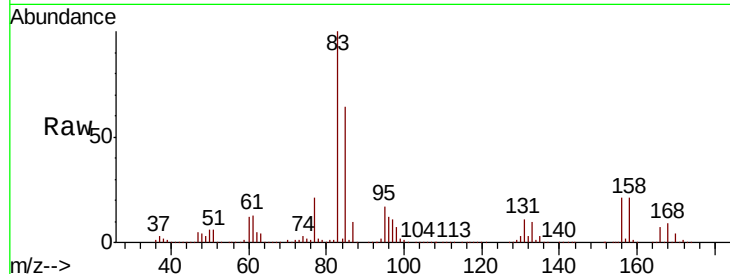




#71
 1,1,2,2-Tetrachloroethane
 Concen: 142.494 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX010980.D
 Acq: 18 Jul 2019 23:55

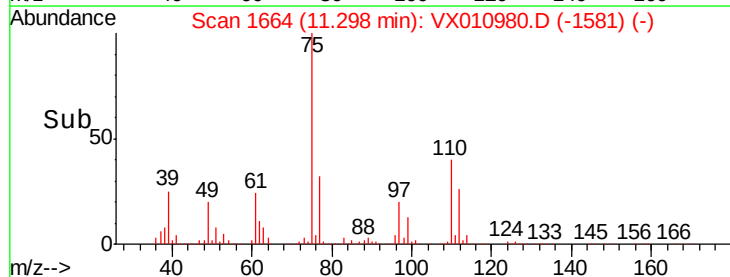
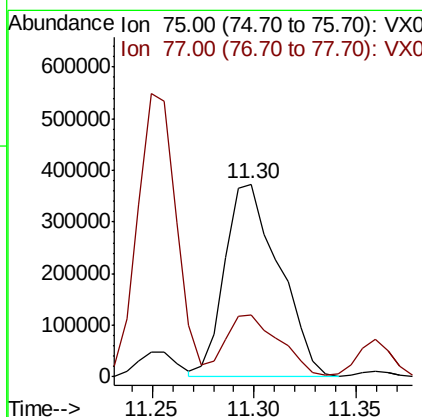
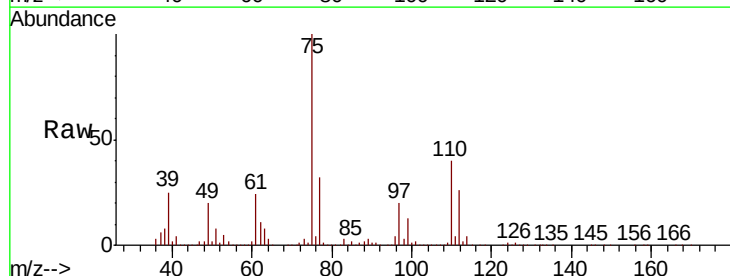
Instrument :
 MSVOA_X
 ClientSampled :

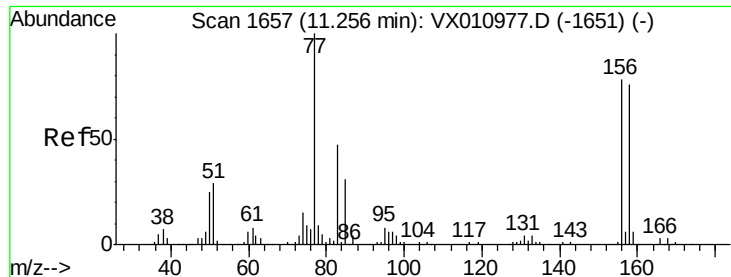
Tot Ion	83	Resp	602050
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.5	16.4
85	64.2	32.1	96.3



#72
 1,2,3-Trichloropropane
 Concen: 192.898 ug/l
 RT: 11.30 min Scan# 1664
 Delta R.T. 0.01 min
 Lab File: VX010980.D
 Acq: 18 Jul 2019 23:55

Tgt Ion	75	Resp	693655
Ion Ratio	Lower	Upper	
75	100		
77	32.2	0.0	84.0





#73

Bromobenzene

Concen: 170.749 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010980.D

Acq: 18 Jul 2019 23:55

Instrument :

MSVOA_X

ClientSampleId :

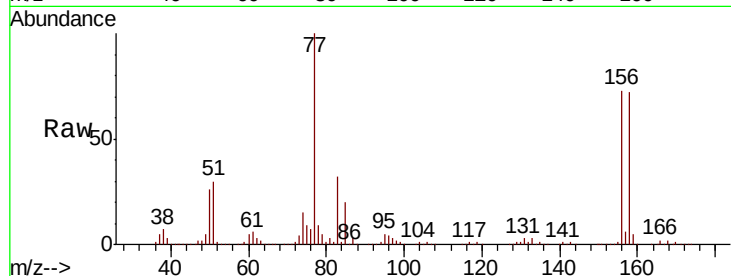
Tot Ion:156 Resp: 506445

Ion Ratio Lower Upper

156 100

77 142.6 0.0 275.8

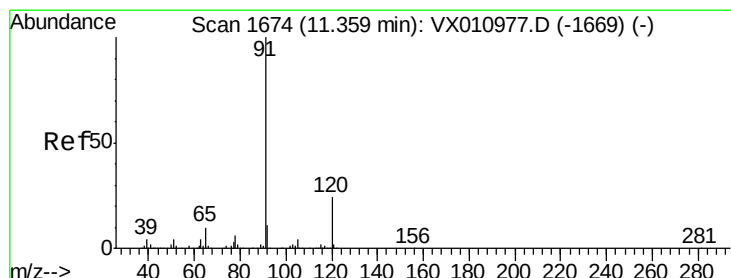
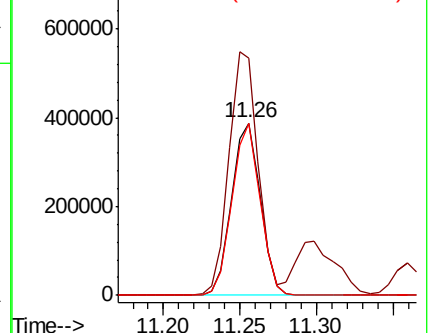
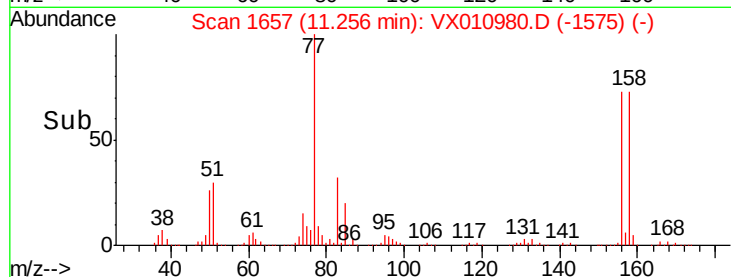
158 97.1 0.0 195.2



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: 157.119 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010980.D

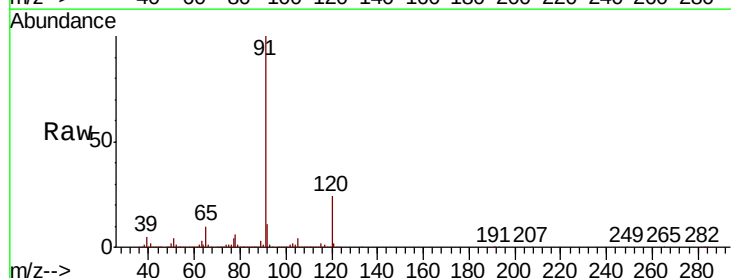
Acq: 18 Jul 2019 23:55

Tgt Ion: 91 Resp: 2132320

Ion Ratio Lower Upper

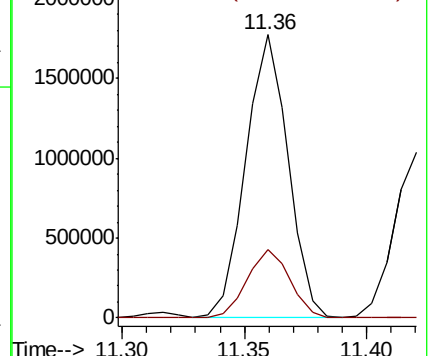
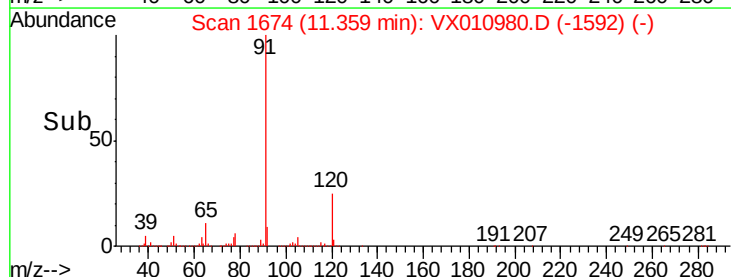
91 100

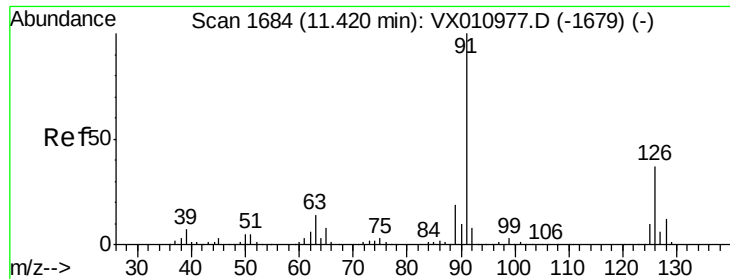
120 24.1 0.0 47.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 156.247 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010980.D

Acq: 18 Jul 2019 23:55

Instrument :

MSVOA_X

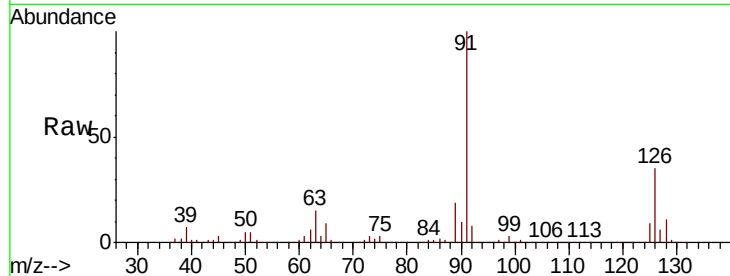
ClientSampled :

Tot Ion: 91 Resp: 1268504

Ion Ratio Lower Upper

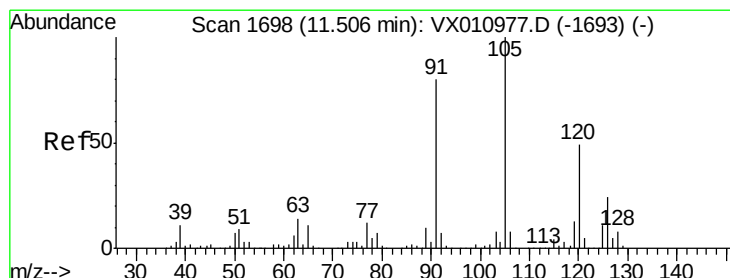
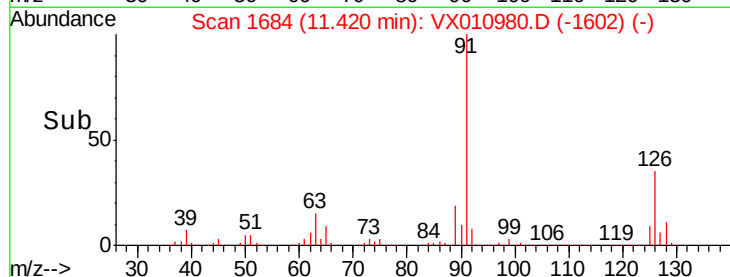
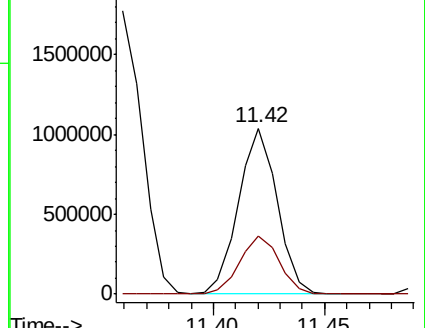
91 100

126 35.3 0.0 72.4



Abundance Ion 91.00 (90.70 to 91.70): VX010977.D (-1679) (-)

Ion 126.00 (125.70 to 126.70): VX010977.D (-1679) (-)



#76

1,3,5-Trimethylbenzene

Concen: 160.419 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010980.D

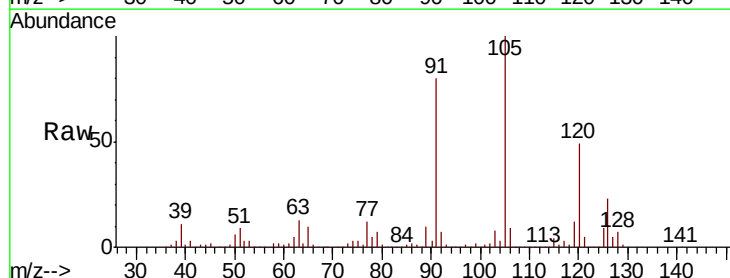
Acq: 18 Jul 2019 23:55

Tgt Ion:105 Resp: 1603256

Ion Ratio Lower Upper

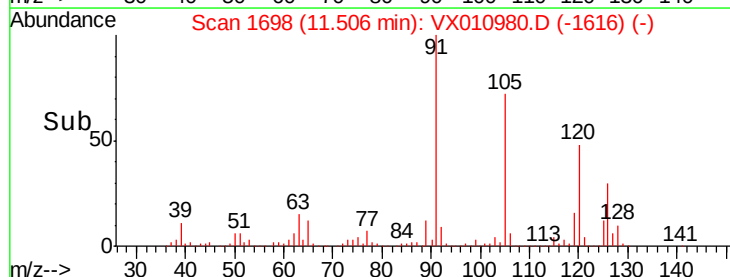
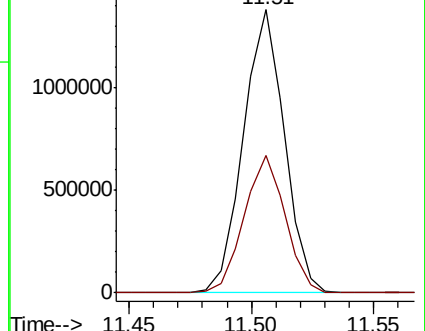
105 100

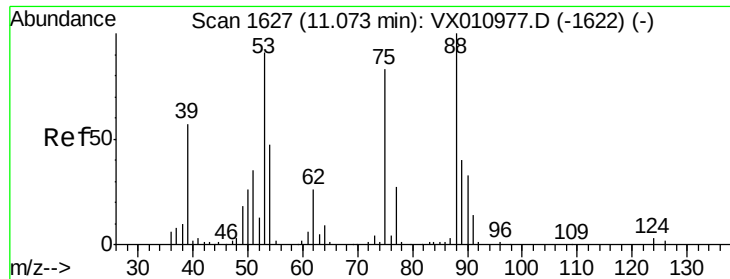
120 48.7 0.0 96.6



Abundance Ion 105.00 (104.70 to 105.70): VX010977.D (-1693) (-)

Ion 120.00 (119.70 to 120.70): VX010977.D (-1693) (-)

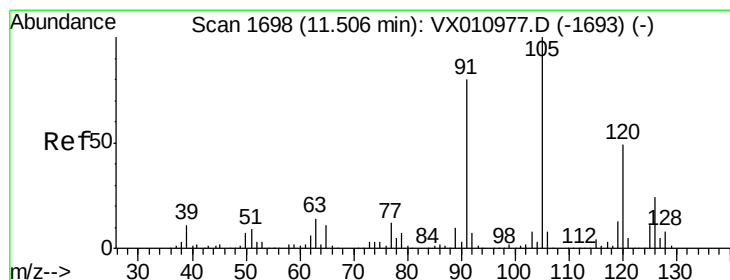
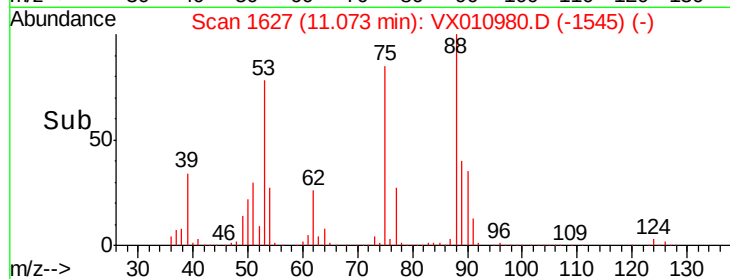
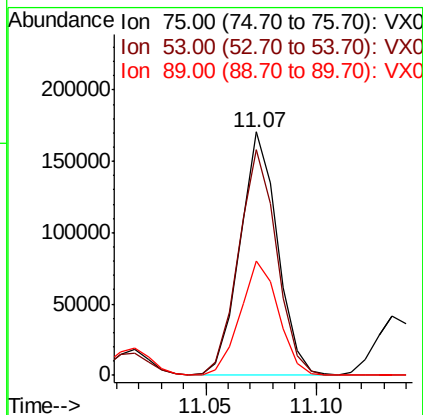
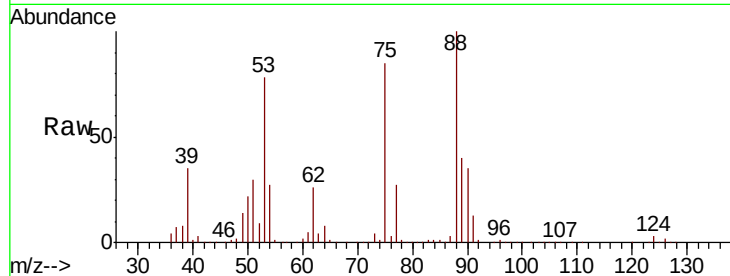




#77
t-1,4-Dichloro-2-butene
Concen: 143.450 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

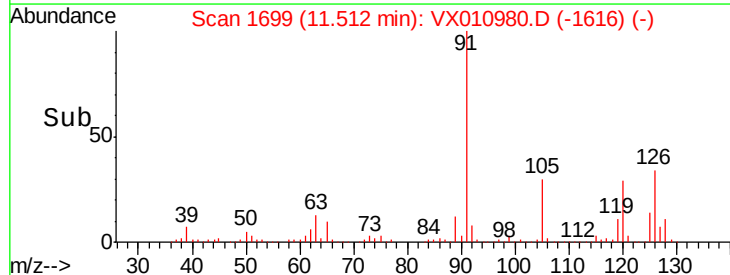
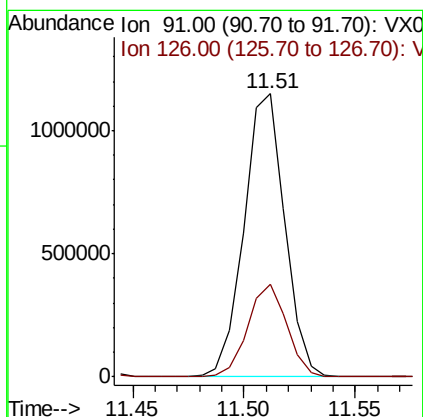
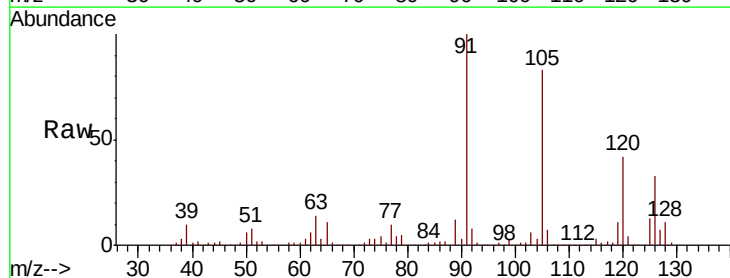
Instrument :
MSVOA_X
ClientSampleId :

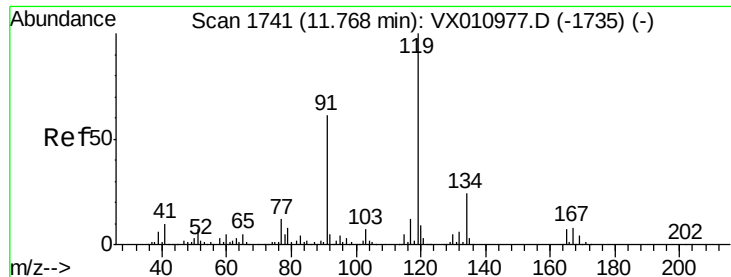
Tot Ion: 75 Resp: 201063
Ion Ratio Lower Upper
75 100
53 92.5 54.8 164.3
89 47.1 24.6 73.6



#78
4-Chlorotoluene
Concen: 158.796 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.01 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Tgt Ion: 91 Resp: 1468770
Ion Ratio Lower Upper
91 100
126 31.2 0.0 63.6

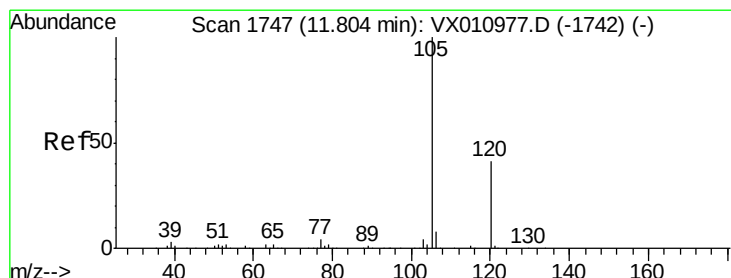
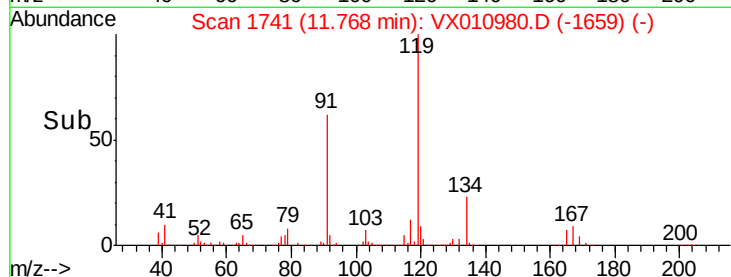
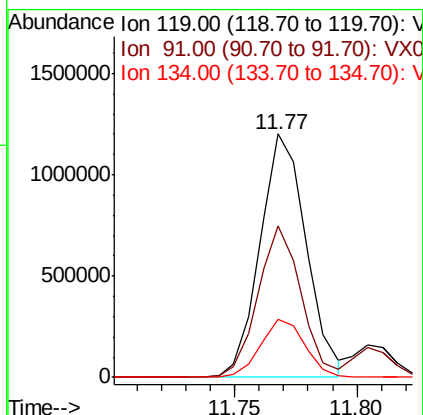
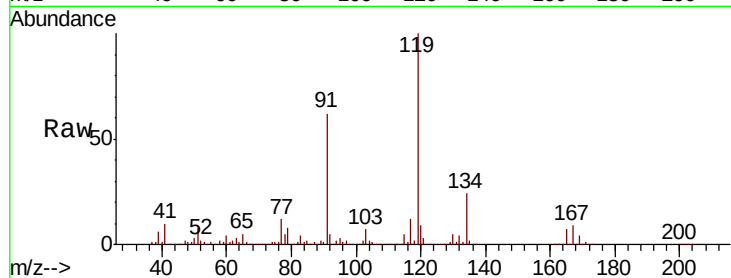




#79
tert-butylbenzene
Concen: 163.338 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

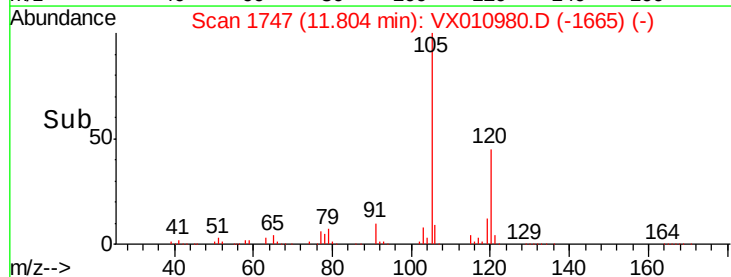
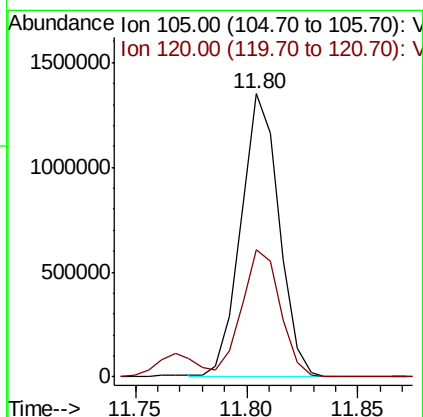
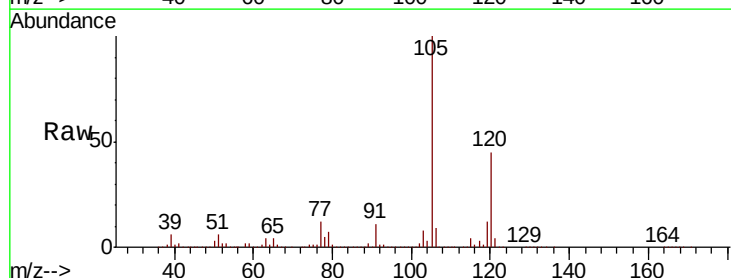
Instrument :
MSVOA_X
ClientSampleId :

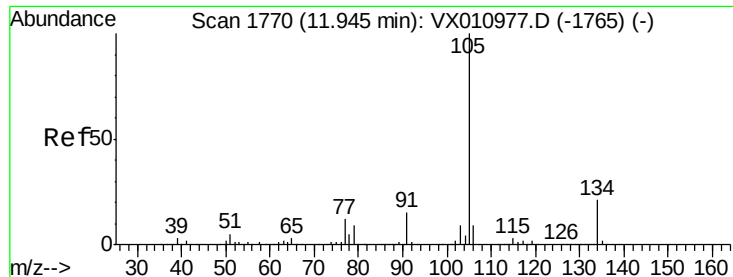
Tot Ion:119 Resp: 1574732
Ion Ratio Lower Upper
119 100
91 58.2 0.0 118.4
134 23.1 0.0 47.4



#80
1,2,4-Trimethylbenzene
Concen: 160.956 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Tgt Ion:105 Resp: 1613966
Ion Ratio Lower Upper
105 100
120 45.1 0.0 91.6





#81

sec-Butylbenzene

Concen: 161.514 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010980.D

Acq: 18 Jul 2019 23:55

Instrument :

MSVOA_X

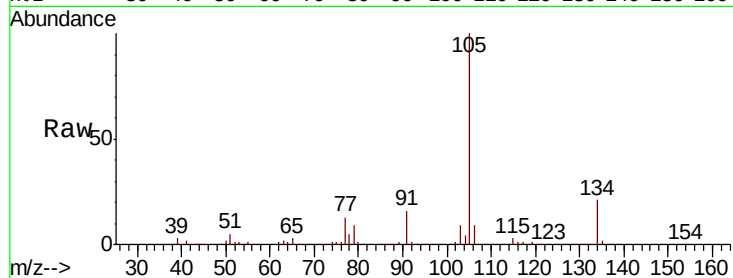
ClientSampleId :

Tot Ion:105 Resp: 1852304

Ion Ratio Lower Upper

105 100

134 20.7 0.0 41.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

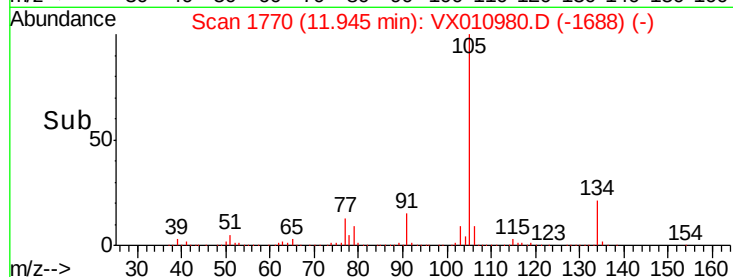
1500000

1000000

500000

0

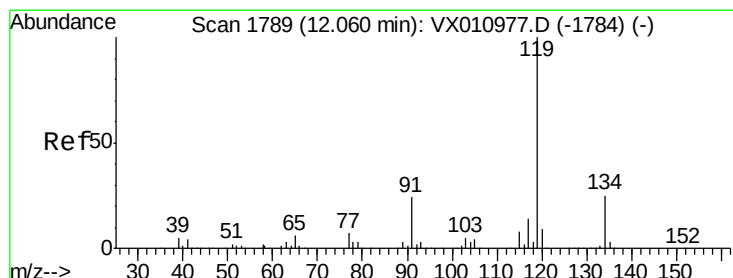
Time-->



11.94

11.90

11.95



#82

p-Isopropyltoluene

Concen: 166.764 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010980.D

Acq: 18 Jul 2019 23:55

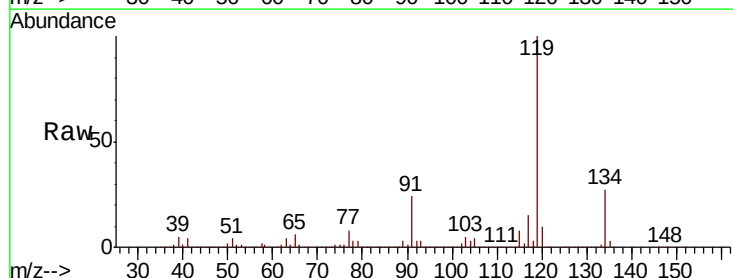
Tgt Ion:119 Resp: 1746376

Ion Ratio Lower Upper

119 100

134 26.8 0.0 52.8

91 23.7 0.0 47.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

2000000

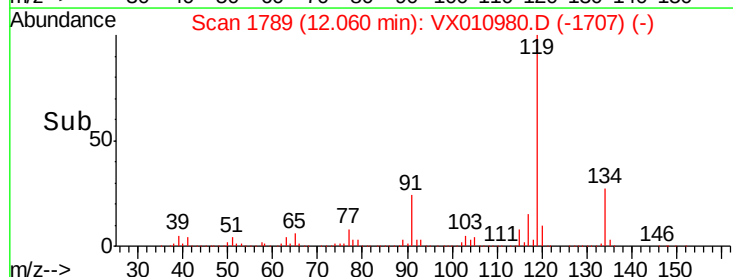
1500000

1000000

500000

0

Time-->

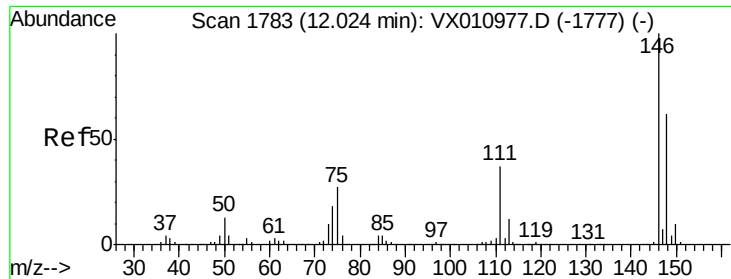


12.06

12.00

12.05

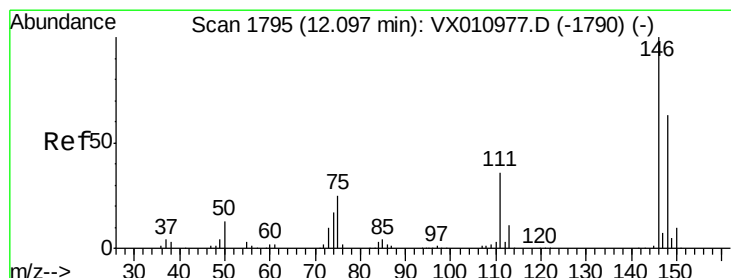
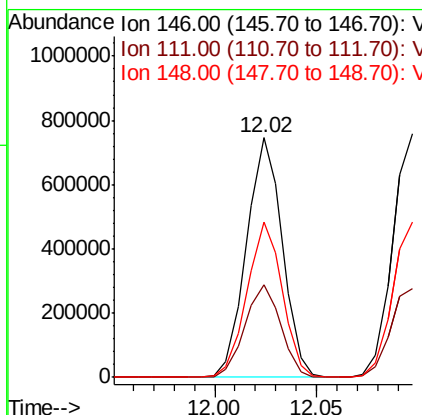
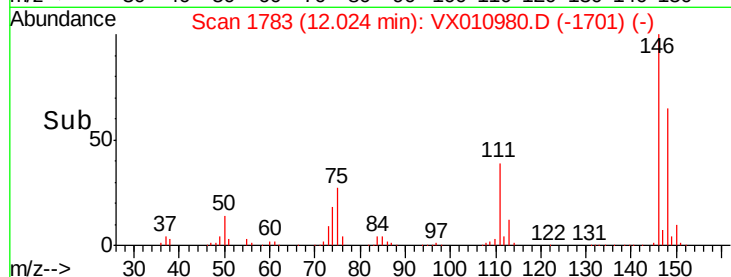
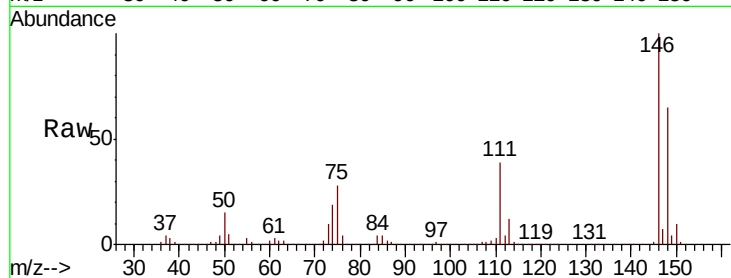
12.10



#83
 1,3-Dichlorobenzene
 Concen: 171.966 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010980.D
 Acq: 18 Jul 2019 23:55

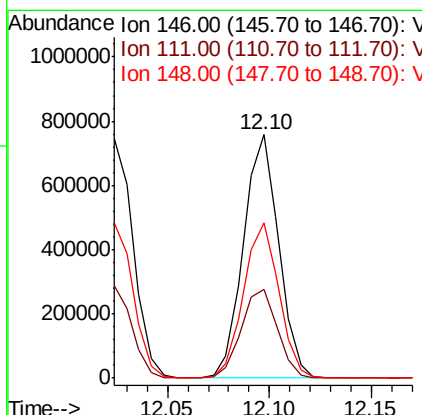
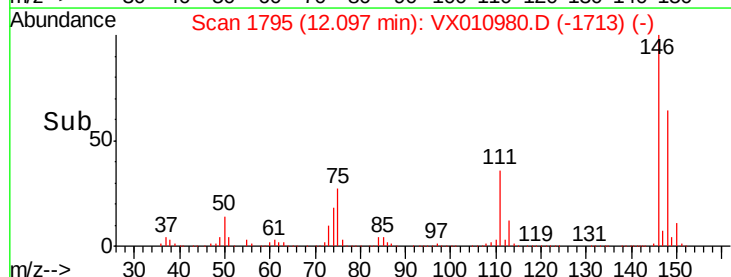
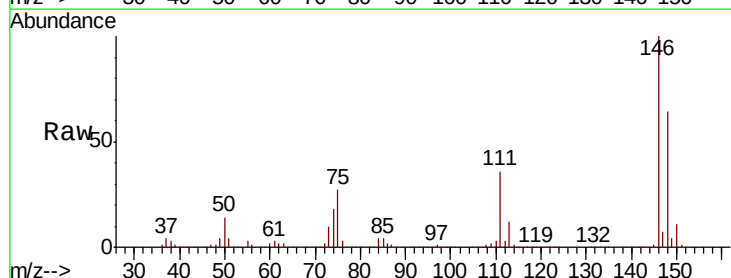
Instrument :
 MSVOA_X
 ClientSampleId :

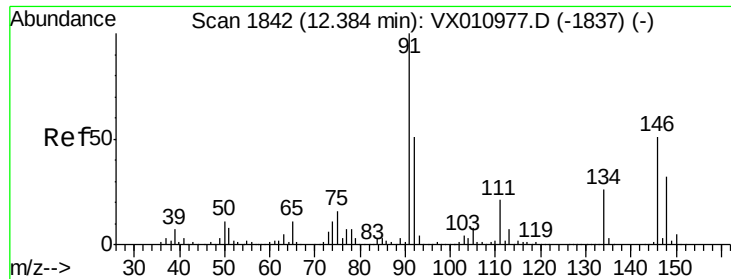
Tot Ion:146 Resp: 911954
 Ion Ratio Lower Upper
 146 100
 111 38.8 18.9 56.9
 148 63.9 31.4 94.0



#84
 1,4-Dichlorobenzene
 Concen: 171.477 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010980.D
 Acq: 18 Jul 2019 23:55

Tgt Ion:146 Resp: 909038
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.5 55.5
 148 64.1 32.0 96.0





#85

n-Butylbenzene

Concen: 160.167 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX010980.D

Acq: 18 Jul 2019 23:55

Instrument :

MSVOA_X

ClientSampleId :

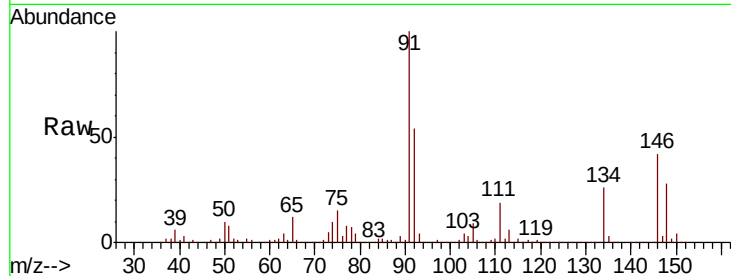
Tot Ion: 91 Resp: 1517336

Ion	Ratio	Lower	Upper
91	100		
92	53.0	0.0	103.6
134	27.6	0.0	54.2

91 100

92 53.0 0.0 103.6

134 27.6 0.0 54.2

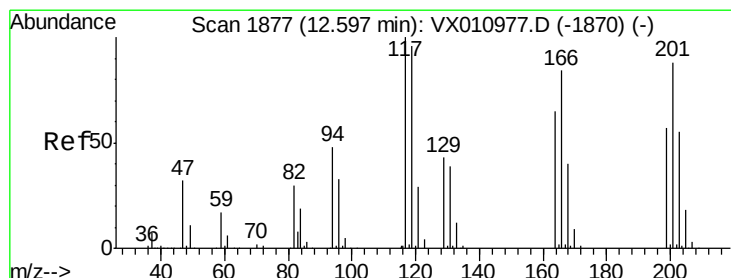
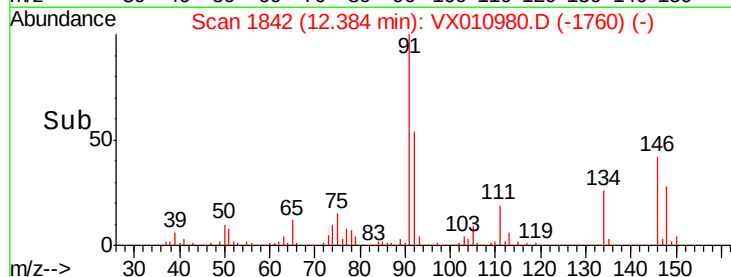
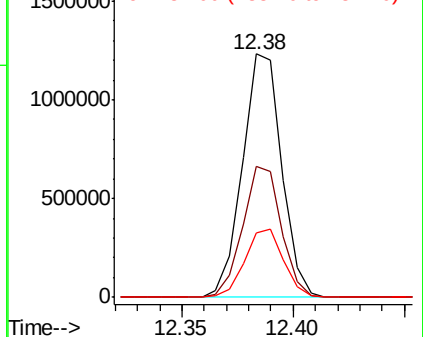


Abundance

Ion 91.00 (90.70 to 91.70): VX010977.D (-1837) (-)

Ion 92.00 (91.70 to 92.70): VX010977.D (-1837) (-)

Ion 134.00 (133.70 to 134.70): VX010977.D (-1837) (-)



#86

Hexachloroethane

Concen: 179.992 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX010980.D

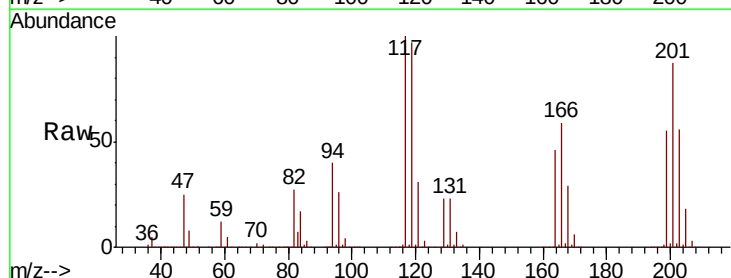
Acq: 18 Jul 2019 23:55

Tgt Ion: 117 Resp: 310828

Ion	Ratio	Lower	Upper
117	100		
201	83.9	42.1	126.3

117 100

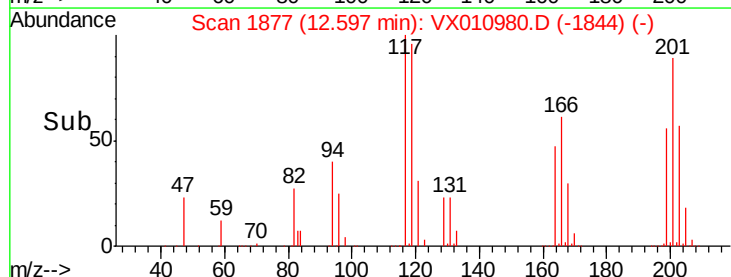
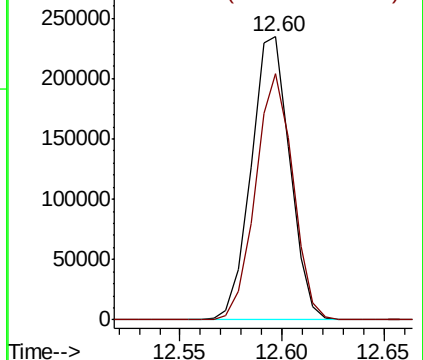
201 83.9 42.1 126.3

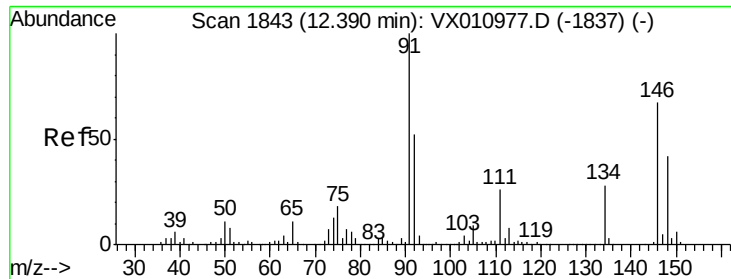


Abundance

Ion 117.00 (116.70 to 117.70): VX010977.D (-1870) (-)

Ion 201.00 (200.70 to 201.70): VX010977.D (-1870) (-)

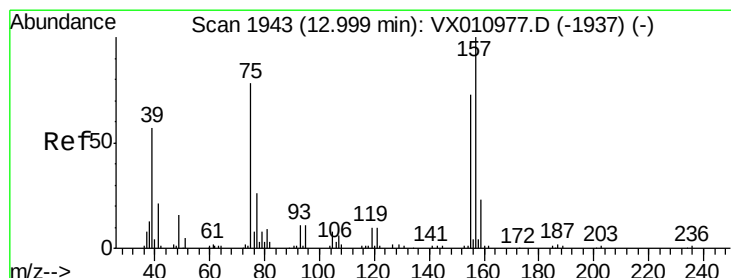
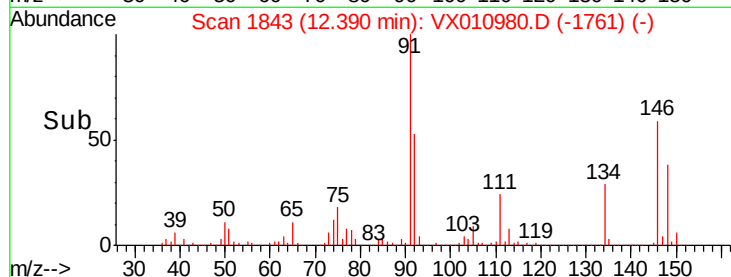
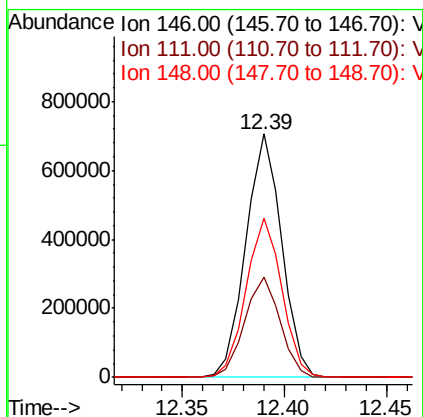
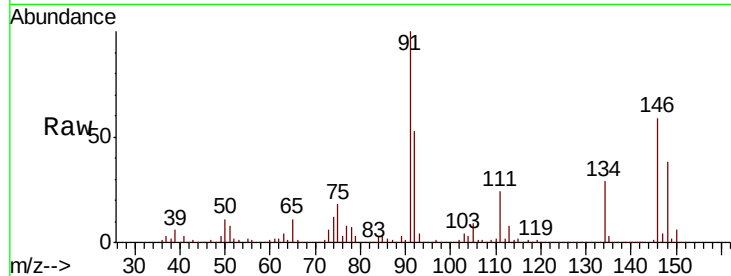




#87
 1,2-Dichlorobenzene
 Concen: 161.890 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010980.D
 Acq: 18 Jul 2019 23:55

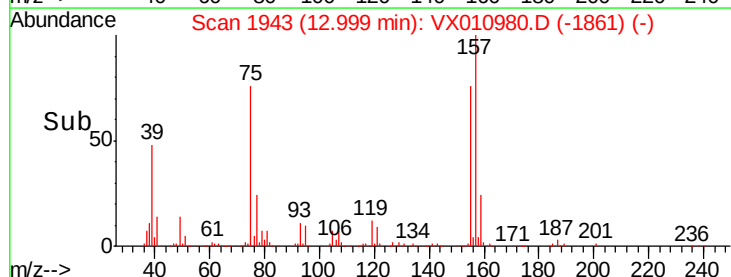
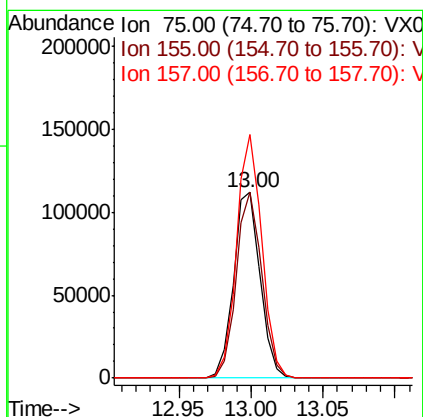
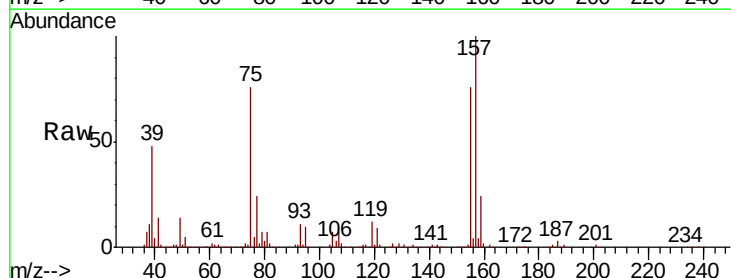
Instrument :
 MSVOA_X
 ClientSampled :

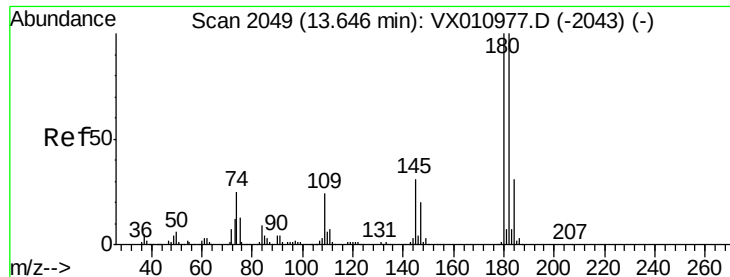
Tot Ion:146 Resp: 864254
 Ion Ratio Lower Upper
 146 100
 111 40.9 19.5 58.5
 148 65.2 31.5 94.5



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 149.301 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010980.D
 Acq: 18 Jul 2019 23:55

Tgt Ion: 75 Resp: 144386
 Ion Ratio Lower Upper
 75 100
 155 95.9 76.6 115.0
 157 124.3 101.0 151.4

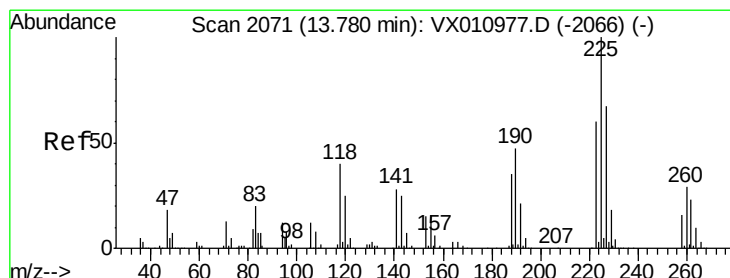
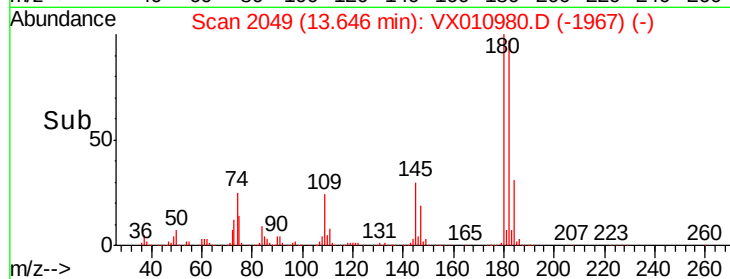
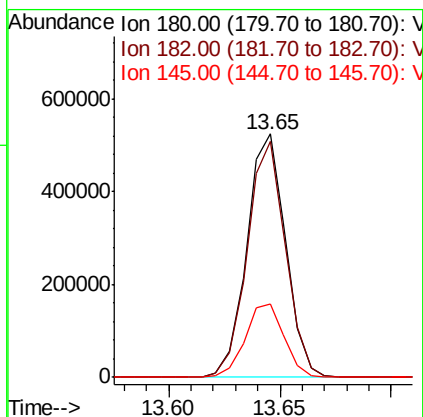
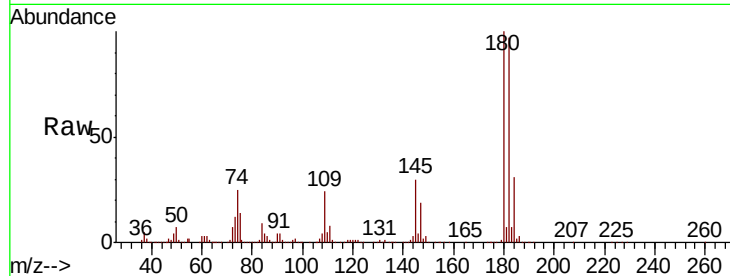




#89
 1,2,4-Trichlorobenzene
 Concen: 168.779 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010980.D
 Acq: 18 Jul 2019 23:55

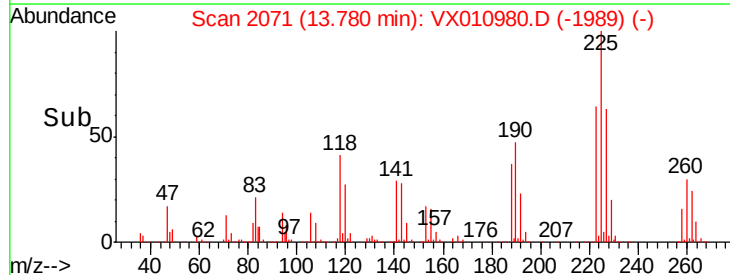
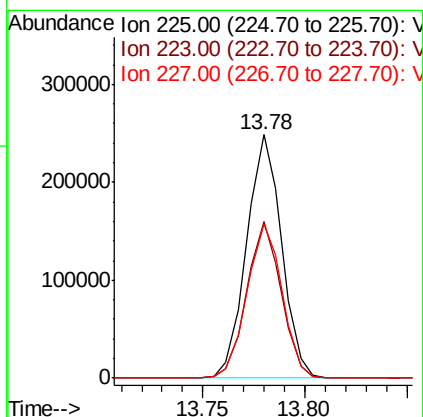
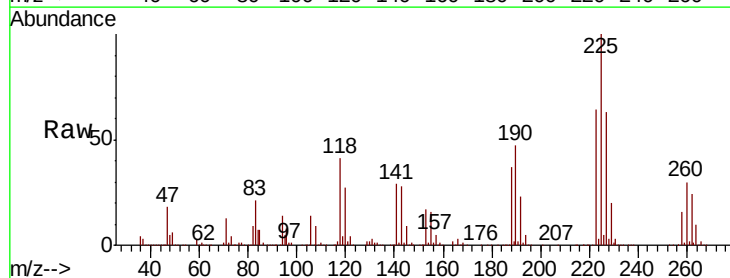
Instrument :
 MSVOA_X
 ClientSampleId :

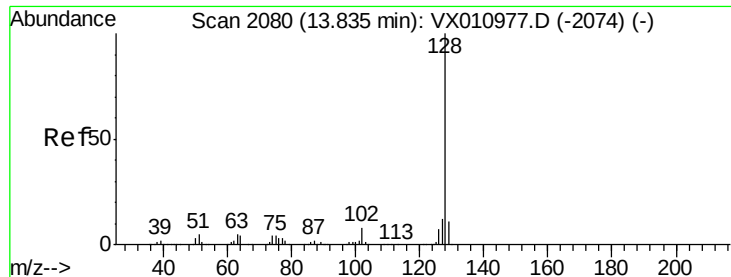
Tot Ion:180 Resp: 636004
 Ion Ratio Lower Upper
 180 100
 182 95.6 77.6 116.4
 145 30.3 23.8 35.6



#90
 Hexachlorobutadiene
 Concen: 158.101 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010980.D
 Acq: 18 Jul 2019 23:55

Tgt Ion:225 Resp: 295980
 Ion Ratio Lower Upper
 225 100
 223 63.2 0.0 121.4
 227 63.9 0.0 126.6

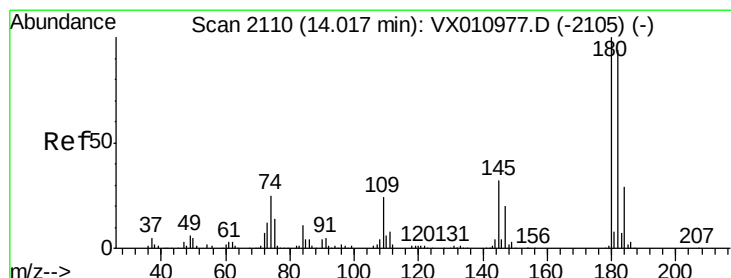
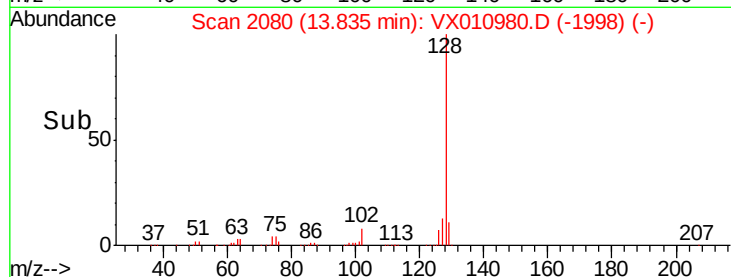
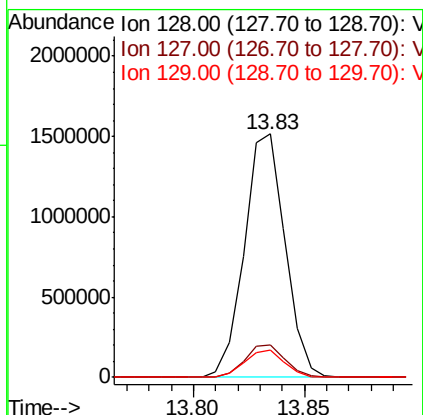
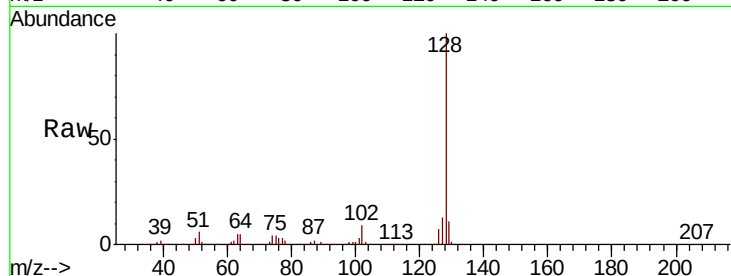




#91
Naphthalene
Concen: 159.136 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 1934559
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.9 8.5 12.7



#92
1,2,3-Trichlorobenzene
Concen: 163.902 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Tgt Ion:180 Resp: 624632
Ion Ratio Lower Upper
180 100
182 96.5 0.0 190.2
145 32.0 0.0 63.8

