

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071919\
 Data File : VX010985.D
 Acq On : 19 Jul 2019 02:14
 Operator : JC/SP
 Sample : VX0718WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0719WBS01

Quant Time: Jul 19 03:39:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X071919W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 19 03:27:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	39480	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	213606	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	193382	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	77829	29.08	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.93%
60) 4-Bromofluorobenzene	11.13	95	92413	29.03	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.77%
63) Toluene-d8	8.71	98	260986	30.70	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.33%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	51721	19.816	ug/l 95
3) Chloromethane	1.33	50	47421	20.660	ug/l 98
4) Vinyl Chloride	1.41	62	47842	19.988	ug/l 98
5) Bromomethane	1.64	94	31653	24.024	ug/l 99
6) Chloroethane	1.73	64	28426	20.074	ug/l 95
7) Trichlorofluoromethane	1.93	101	76619	19.275	ug/l 96
8) Diethyl Ether	2.19	74	24977	19.134	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	43403	19.755	ug/l 97
10) 1,1-Dichloroethene	2.37	96	43526	19.713	ug/l 99
11) Methyl Iodide	2.51	142	50893	17.164	ug/l 100
12) Methyl Acetate	2.78	43	62201	20.058	ug/l 94
13) Acrolein	2.29	56	35241	94.779	ug/l 97
14) Acrylonitrile	3.14	53	120481	99.266	ug/l 99
15) Acetone	2.44	58	33517	99.170	ug/l 97
16) Carbon Disulfide	2.57	76	108068	19.048	ug/l 98
17) Allyl chloride	2.73	41	59200	18.520	ug/l 98
18) Methylene Chloride	2.86	84	47492	19.317	ug/l 92
19) trans-1,2-Dichloroethene	3.17	96	44446	19.055	ug/l 97
20) Diisopropyl ether	3.86	45	130386	19.322	ug/l 91
21) 1,1-Dichloroethane	3.70	63	75319	19.395	ug/l 99
22) cis-1,2-Dichloroethene	4.60	96	51640	19.250	ug/l 99
23) tert-Butyl Alcohol	3.04	59	61831	97.572	ug/l 100
24) Methyl tert-Butyl Ether	3.20	73	136753	19.294	ug/l 99
25) Chloroform	5.21	83	80807	18.999	ug/l 99
26) Cyclohexane	5.58	56	67274	18.932	ug/l # 97
29) 1,1-Dichloropropene	5.80	75	58921	19.614	ug/l 99
30) 2-Butanone	4.67	43	163617	100.904	ug/l 100
31) 2,2-Dichloropropane	4.59	77	44144	16.835	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	68957	19.036	ug/l 99
33) Carbon Tetrachloride	5.79	117	58749	18.653	ug/l 99
34) Benzene	6.14	78	179182	19.885	ug/l 98
35) Methacrylonitrile	5.04	41	32718	19.382	ug/l 97
36) 1,2-Dichloroethane	6.20	62	63285	19.642	ug/l 99
37) Trichloroethene	7.21	130	52188	19.783	ug/l 100
38) Methylcyclohexane	7.46	83	72403	19.098	ug/l 98
39) 1,2-Dichloropropane	7.51	63	44453	19.736	ug/l 97
40) Dibromomethane	7.66	93	33190	20.036	ug/l 98

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	57025	18.913	ug/l	100
42) Vinyl Acetate	3.82	43	516661	96.712	ug/l	100
43) Ethyl Acetate	4.84	43	63193	20.302	ug/l	100
44) Isopropyl Acetate	6.45	43	98957	19.519	ug/l	99
45) 1,4-Dioxane	7.74	88	27259	413.103	ug/l	97
46) Methyl methacrylate	7.77	41	48299	19.628	ug/l	94
47) n-amyl Acetate	10.90	43	85631	18.833	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	57097	17.968	ug/l	100
49) cis-1,3-Dichloropropene	8.43	75	64628	18.637	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	49175	20.283	ug/l	96
51) Ethyl methacrylate	9.18	69	69856	18.631	ug/l	98
52) 1,3-Dichloropropane	9.37	76	76051	19.521	ug/l	98
53) Dibromochloromethane	9.58	129	47724	18.227	ug/l	99
54) 1,2-Dibromoethane	9.67	107	52008	19.739	ug/l	97
55) 2-Chloroethyl vinyl ether	8.31	63	153156	96.456	ug/l	99
56) Bromoform	10.85	173	34503	17.693	ug/l	100
58) 4-Methyl-2-Pentanone	8.64	43	324335	99.310	ug/l	100
59) 2-Hexanone	9.49	43	250352	100.177	ug/l	100
61) Tetrachloroethene	9.33	164	52739	20.655	ug/l	94
62) Toluene	8.78	91	204826	19.938	ug/l	100
64) Chlorobenzene	10.13	112	129245	19.636	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.22	131	46338	19.371	ug/l	98
66) Ethyl Benzene	10.25	91	224106	19.378	ug/l	99
67) m/p-Xylenes	10.36	106	173434	39.196	ug/l	98
68) o-Xylene	10.69	106	85185	19.648	ug/l	100
69) Styrene	10.71	104	141857	19.466	ug/l	99
70) Isopropylbenzene	11.02	105	225926	19.569	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	72809	19.558	ug/l	100
72) 1,2,3-Trichloropropane	11.29	75	76642	24.666	ug/l	85
73) Bromobenzene	11.26	156	60335	19.370	ug/l	98
74) n-propylbenzene	11.36	91	250422	19.273	ug/l	100
75) 2-Chlorotoluene	11.42	91	150390	19.433	ug/l	98
76) 1,3,5-Trimethylbenzene	11.51	105	191953	19.643	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	17530	17.099	ug/l	96
78) 4-Chlorotoluene	11.51	91	171724	19.322	ug/l	99
79) tert-butylbenzene	11.77	119	182582	19.262	ug/l	100
80) 1,2,4-Trimethylbenzene	11.80	105	189973	19.305	ug/l	99
81) sec-Butylbenzene	11.94	105	217691	19.483	ug/l	99
82) p-Isopropyltoluene	12.06	119	198542	19.149	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	105105	19.113	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	104537	19.126	ug/l	99
85) n-Butylbenzene	12.38	91	166536	18.863	ug/l	99
86) Hexachloroethane	12.59	117	27993	17.119	ug/l	97
87) 1,2-Dichlorobenzene	12.39	146	106773	19.832	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	15415	18.809	ug/l	98
89) 1,2,4-Trichlorobenzene	13.65	180	70695	19.037	ug/l	100
90) Hexachlorobutadiene	13.78	225	34285	19.095	ug/l	99
91) Naphthalene	13.83	128	223718	19.744	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	73465	19.738	ug/l	99

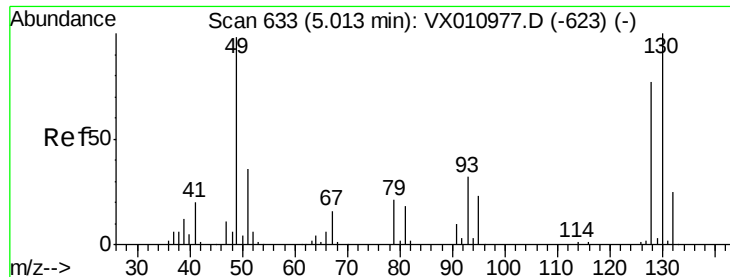
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071919\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. 0.01 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBS01

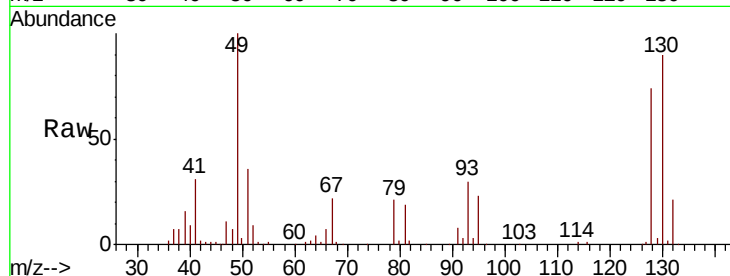
Tot Ion:128 Resp: 39480

Ion Ratio Lower Upper

128 100

49 135.2 0.0 343.5

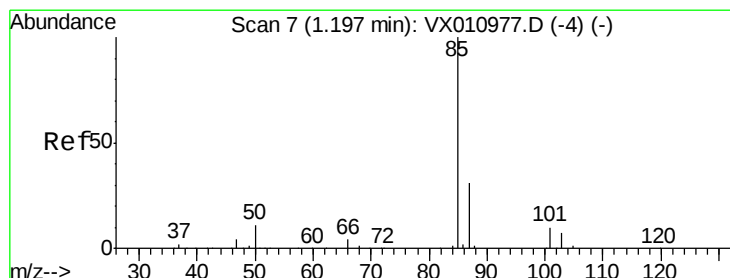
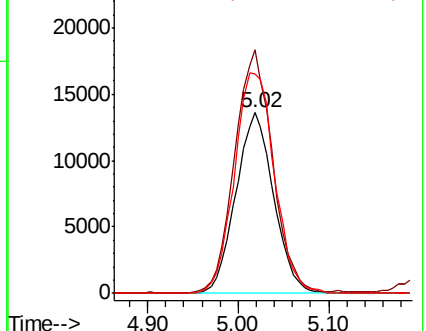
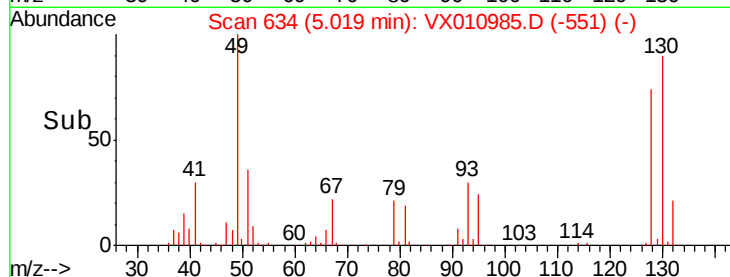
130 128.8 0.0 324.7



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: 19.816 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010985.D

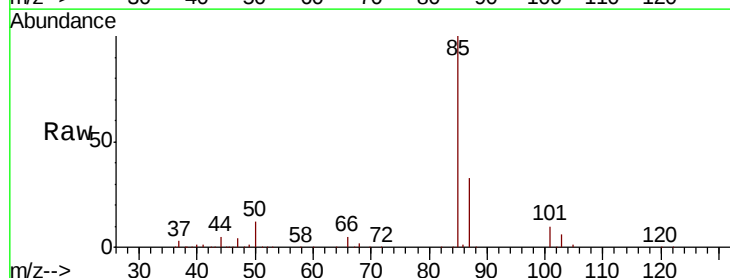
Acq: 19 Jul 2019 02:14

Tgt Ion: 85 Resp: 51721

Ion Ratio Lower Upper

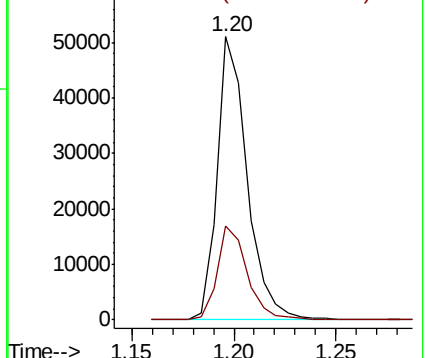
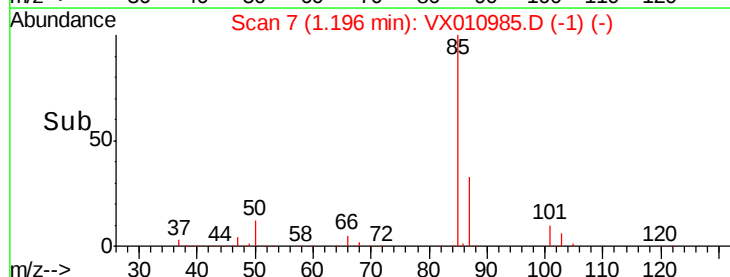
85 100

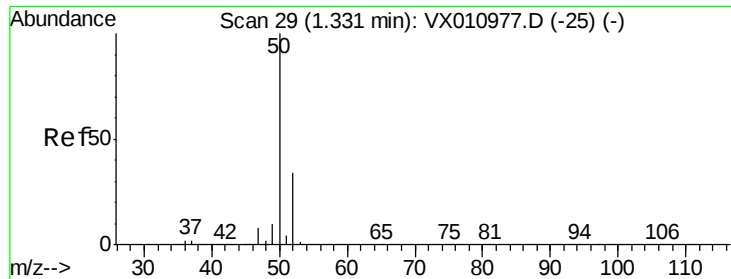
87 33.2 15.4 46.1



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 20.660 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Instrument :

MSVOA_X

ClientSampleId :

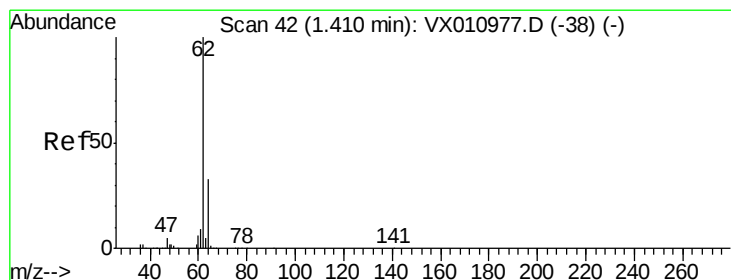
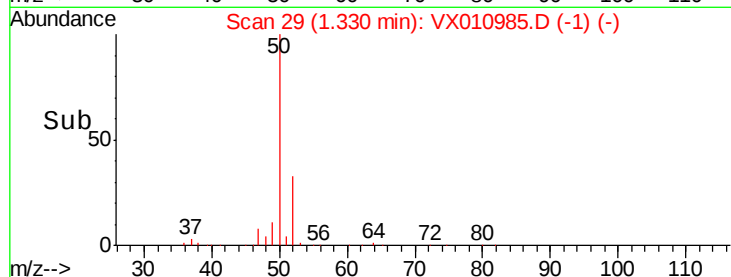
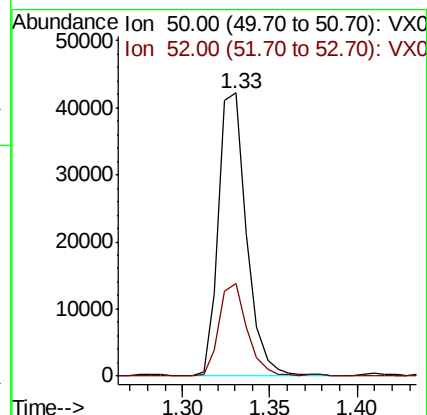
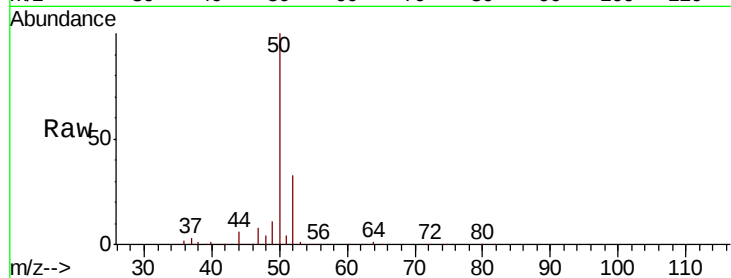
VX0719WBS01

Tot Ion: 50 Resp: 47421

Ion Ratio Lower Upper

50 100

52 32.9 27.3 40.9



#4

Vinyl Chloride

Concen: 19.988 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010985.D

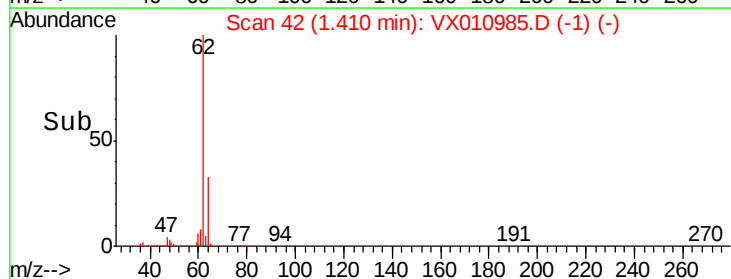
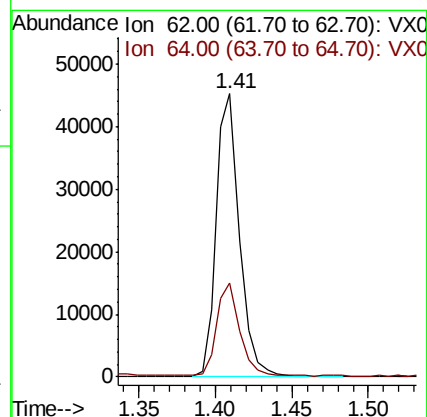
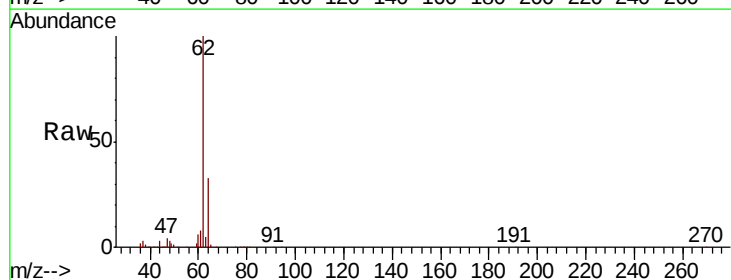
Acq: 19 Jul 2019 02:14

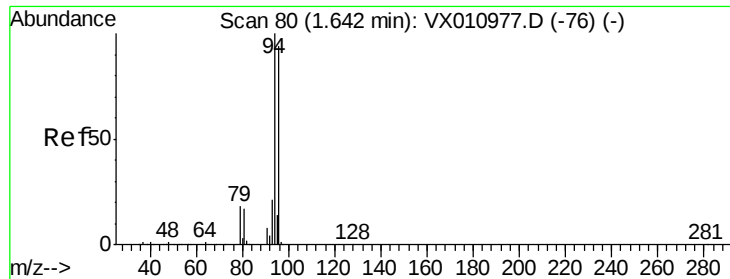
Tgt Ion: 62 Resp: 47842

Ion Ratio Lower Upper

62 100

64 32.6 26.8 40.2





#5

Bromomethane

Concen: 24.024 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Instrument :

MSVOA_X

ClientSampleId :

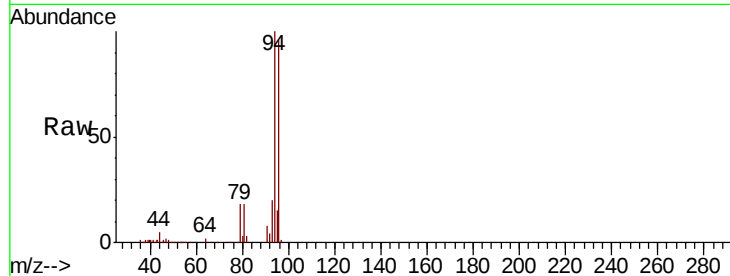
VX0719WBS01

Tot Ion: 94 Resp: 31653

Ion Ratio Lower Upper

94 100

96 95.3 75.4 113.2



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

1.64

30000

25000

20000

15000

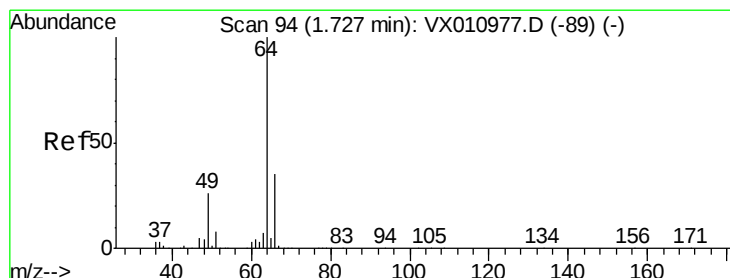
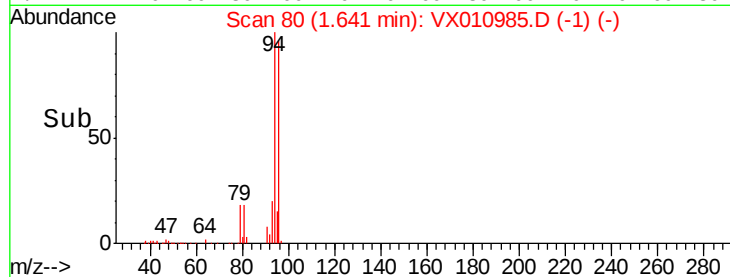
10000

5000

0

Time-->

1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 20.074 ug/l

RT: 1.73 min Scan# 94

Delta R.T. -0.00 min

Lab File: VX010985.D

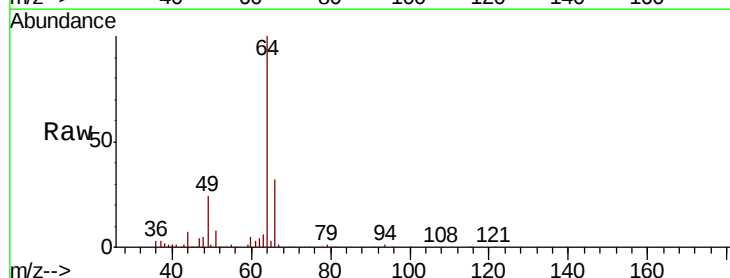
Acq: 19 Jul 2019 02:14

Tgt Ion: 64 Resp: 28426

Ion Ratio Lower Upper

64 100

66 32.1 28.1 42.1



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

25000

20000

15000

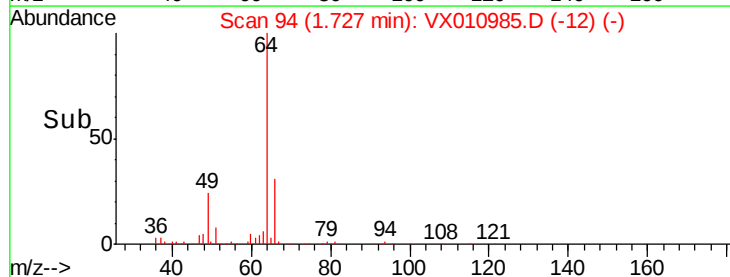
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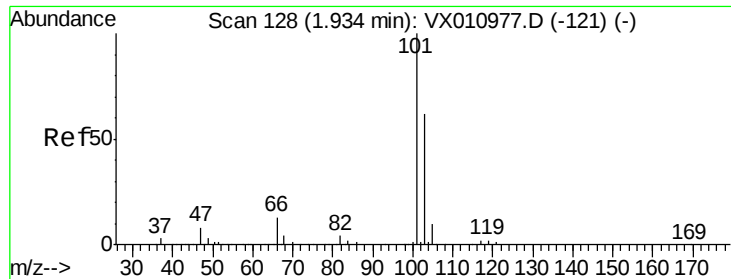
5000

0

Time-->

1.70 1.75 1.80



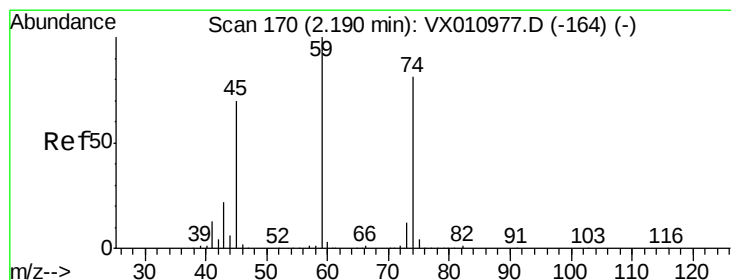
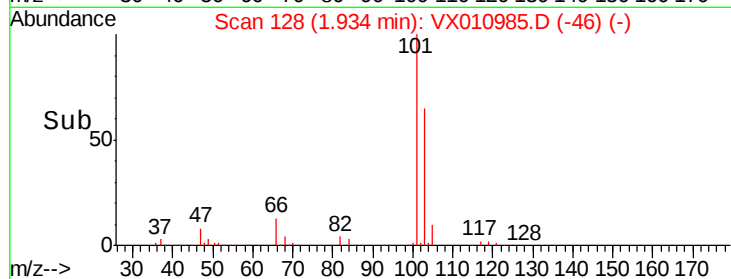
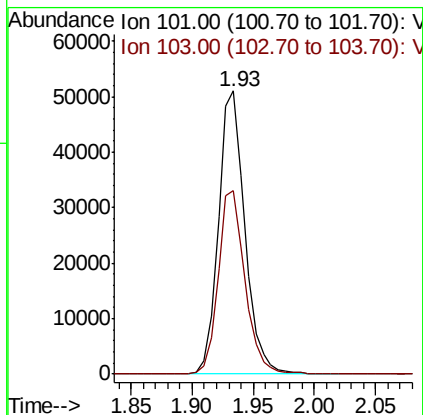
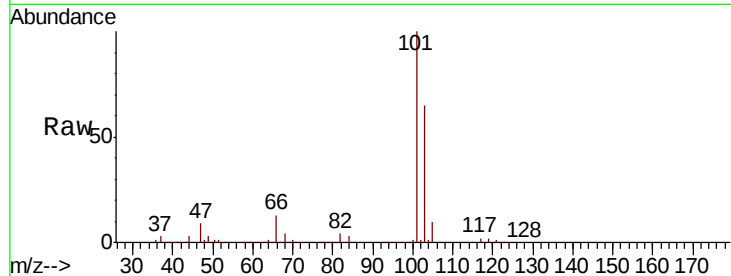


#7

Trichlorofluoromethane
 Concen: 19.275 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. -0.00 min
 Lab File: VX010985.D
 Acq: 19 Jul 2019 02:14

Instrument :
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 VX0719WBS01

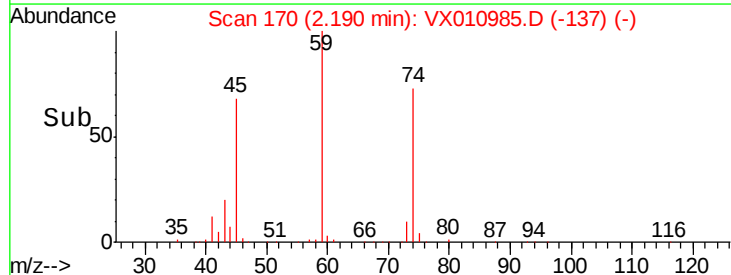
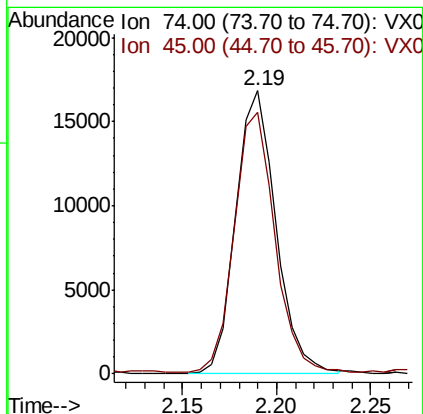
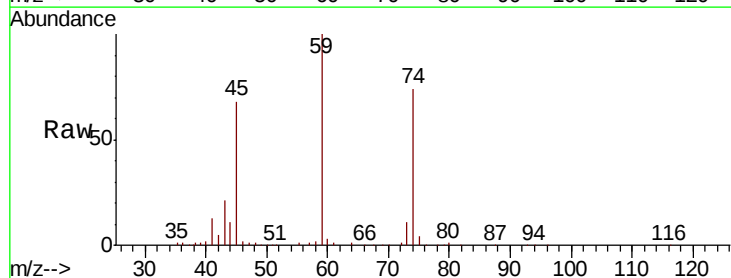
Tot Ion:101 Resp: 76619
 Ion Ratio Lower Upper
 101 100
 103 65.0 49.6 74.4

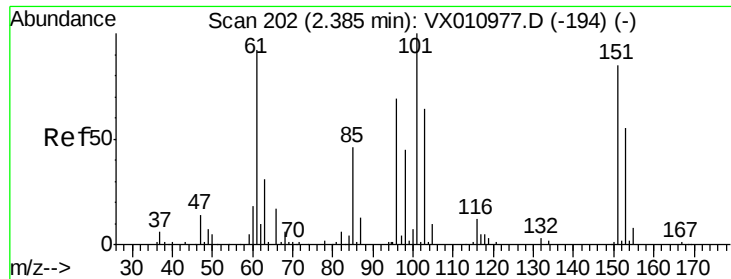


#8

Diethyl Ether
 Concen: 19.134 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX010985.D
 Acq: 19 Jul 2019 02:14

Tgt Ion: 74 Resp: 24977
 Ion Ratio Lower Upper
 74 100
 45 92.2 18.3 164.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.755 ug/l

RT: 2.38 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBS01

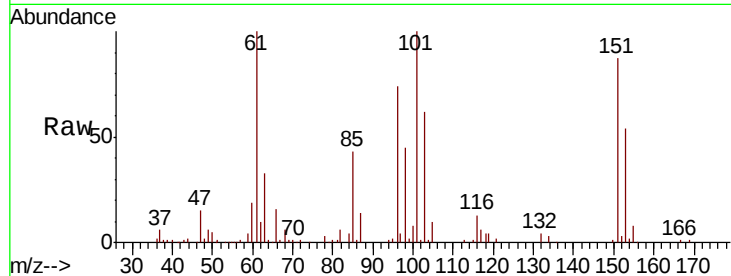
Tot Ion:101 Resp: 43403

Ion Ratio Lower Upper

101 100

85 42.8 0.0 89.8

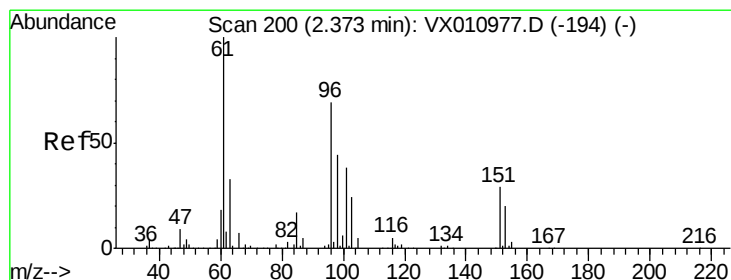
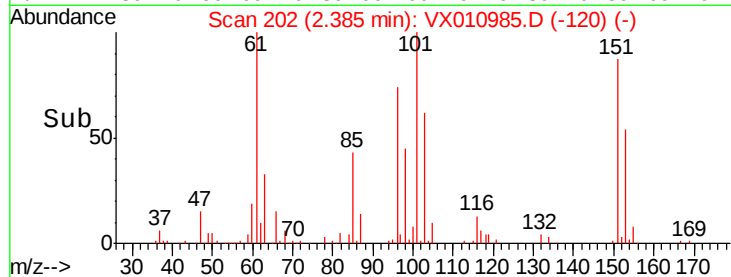
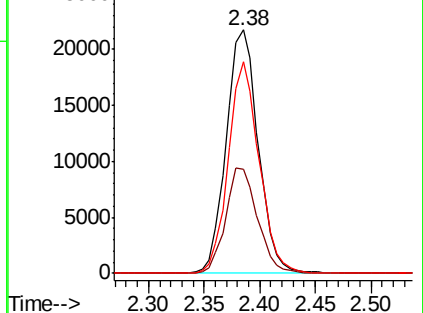
151 83.4 0.0 172.2



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: 19.713 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

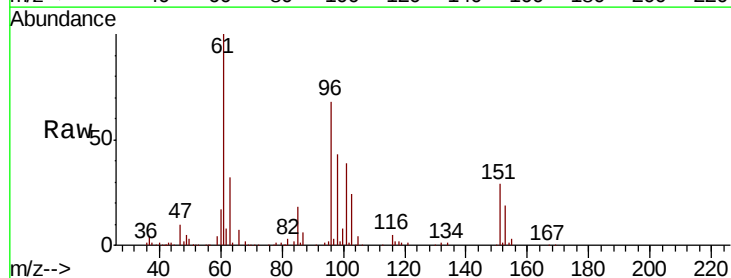
Tgt Ion: 96 Resp: 43526

Ion Ratio Lower Upper

96 100

61 147.1 115.9 173.9

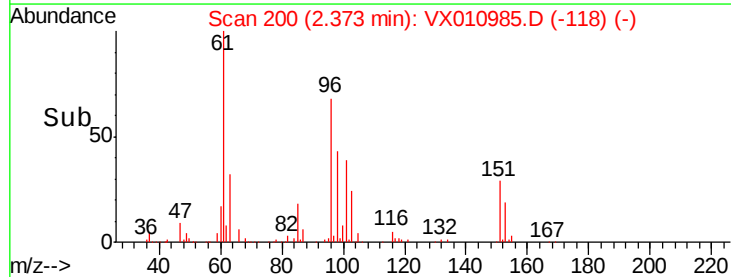
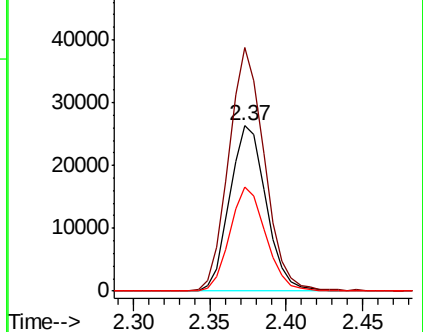
98 63.1 50.6 75.8

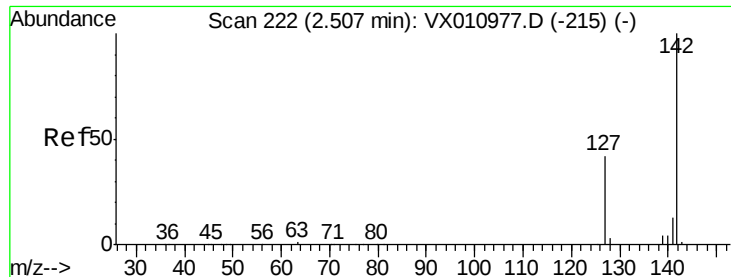


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

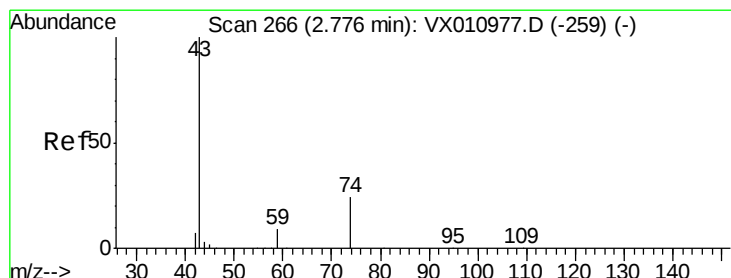
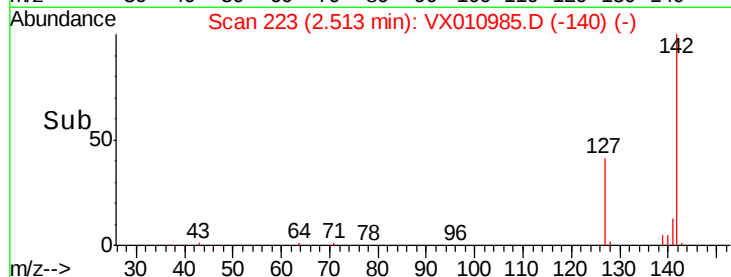
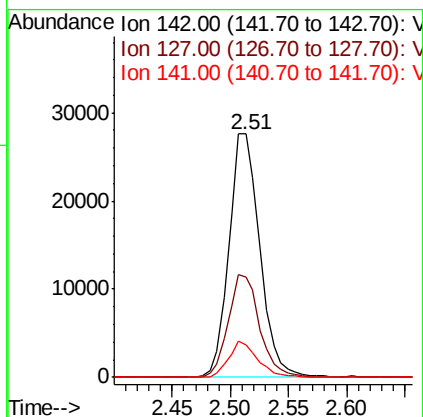
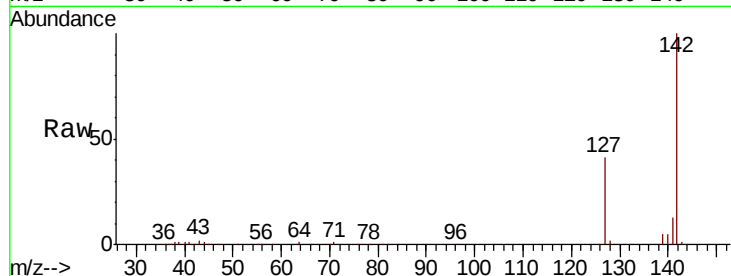




#11
Methyl Iodide
Concen: 17.164 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX010985.D
Acq: 19 Jul 2019 02:14

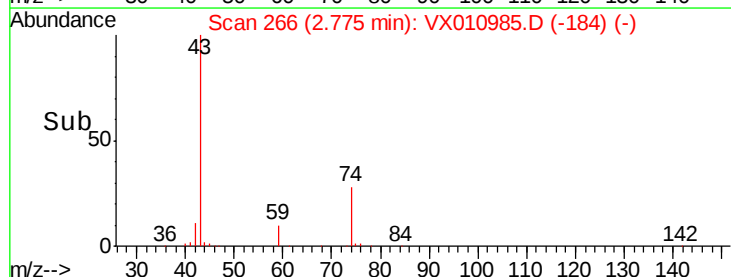
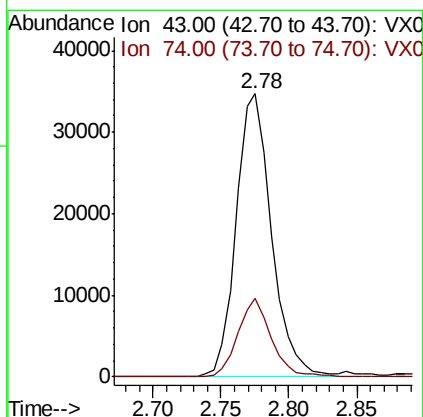
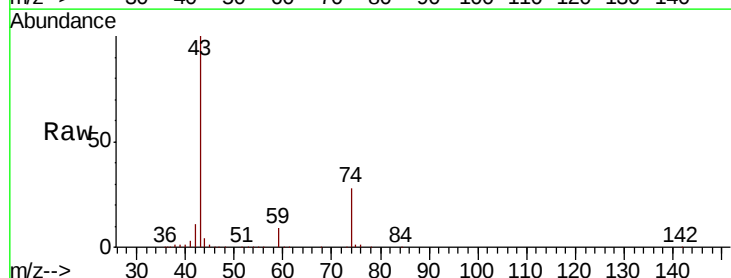
Instrument :
MSVOA_X
ClientSampled :
VX0719WBS01

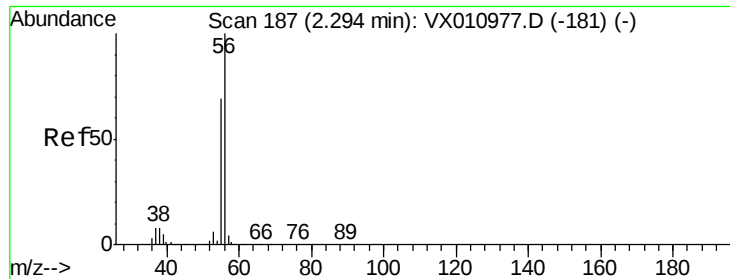
Tot Ion:142 Resp: 50893
Ion Ratio Lower Upper
142 100
127 41.4 20.7 62.1
141 13.1 6.7 20.0



#12
Methyl Acetate
Concen: 20.058 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010985.D
Acq: 19 Jul 2019 02:14

Tgt Ion: 43 Resp: 62201
Ion Ratio Lower Upper
43 100
74 27.6 19.8 29.6





#13

Acrolein

Concen: 94.779 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Instrument :

MSVOA_X

ClientSampleId :

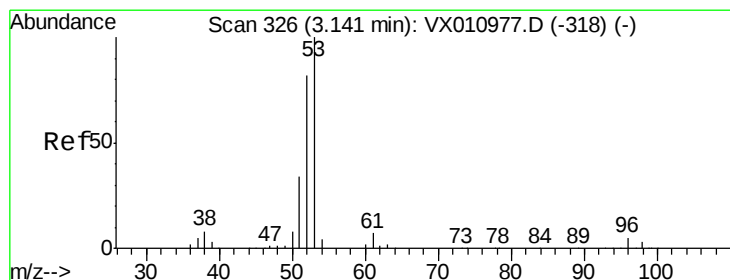
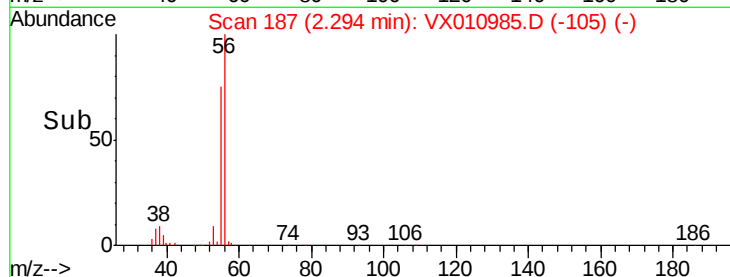
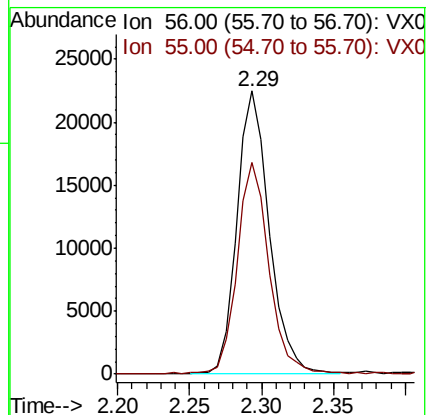
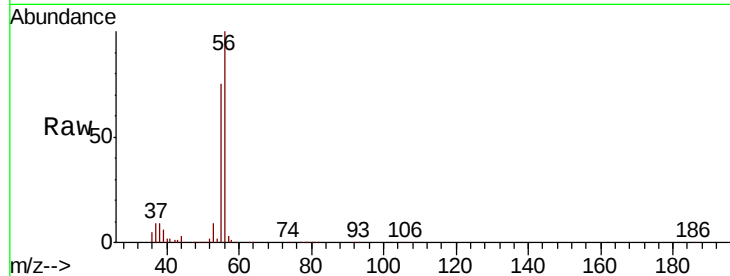
VX0719WBS01

Tot Ion: 56 Resp: 35241

Ion Ratio Lower Upper

56 100

55 72.3 56.1 84.1



#14

Acrylonitrile

Concen: 99.266 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

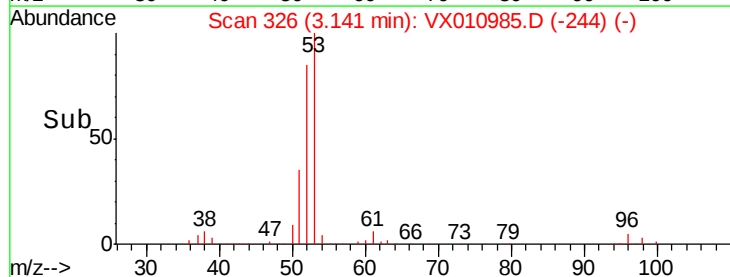
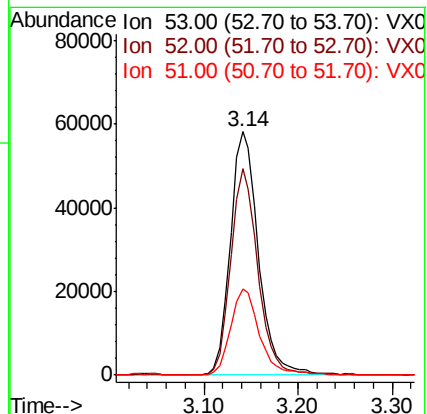
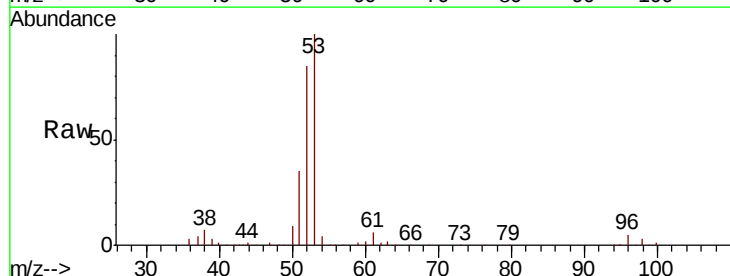
Tgt Ion: 53 Resp: 120481

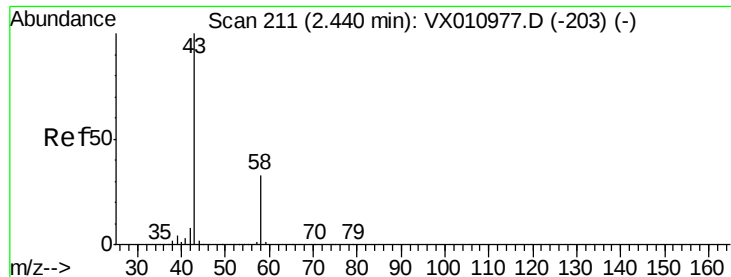
Ion Ratio Lower Upper

53 100

52 81.9 41.1 123.4

51 36.1 17.8 53.3





#15

Acetone

Concen: 99.170 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Instrument :

MSVOA_X

ClientSampleId :

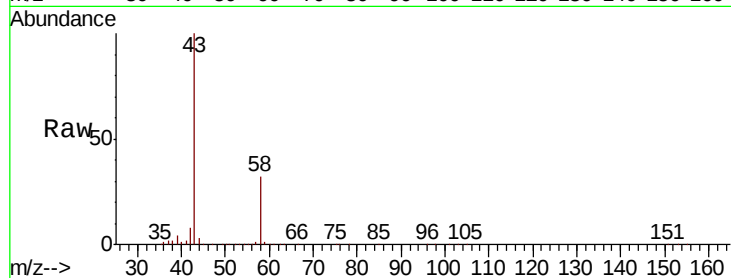
VX0719WBS01

Tot Ion: 58 Resp: 33517

Ion Ratio Lower Upper

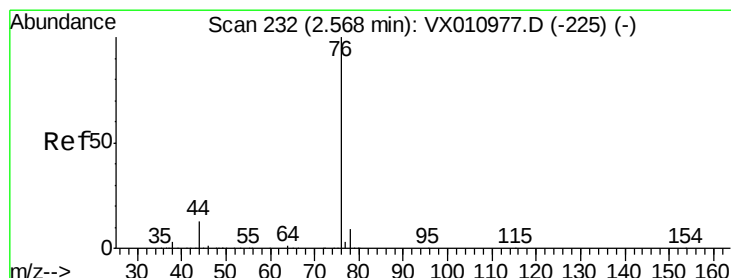
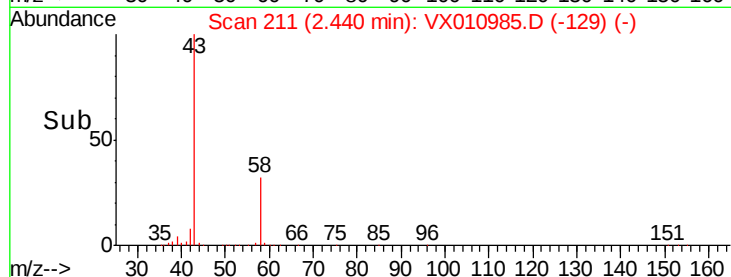
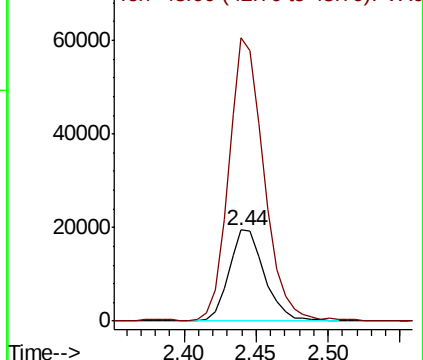
58 100

43 311.3 243.8 365.6



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 19.048 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX010985.D

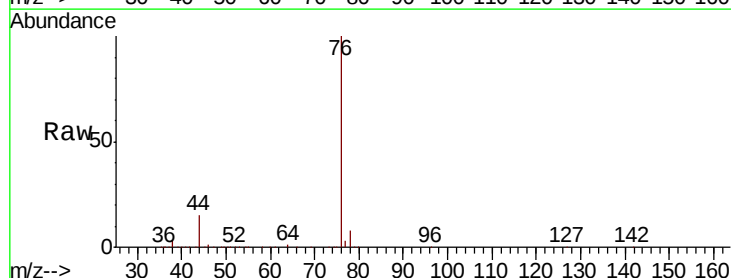
Acq: 19 Jul 2019 02:14

Tgt Ion: 76 Resp: 108068

Ion Ratio Lower Upper

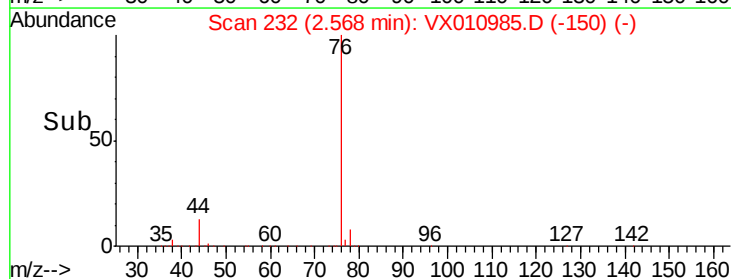
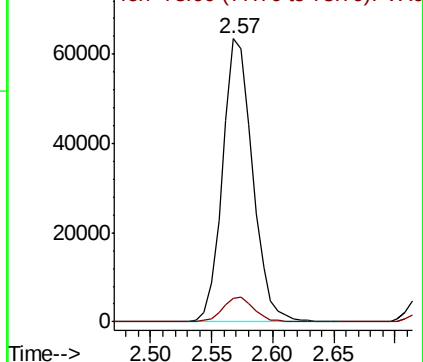
76 100

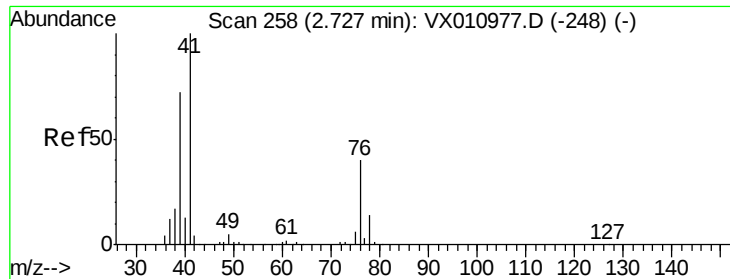
78 8.4 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

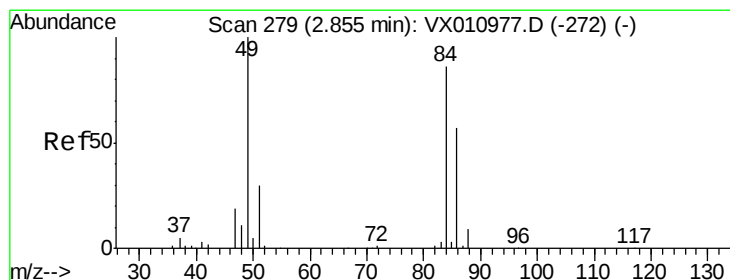
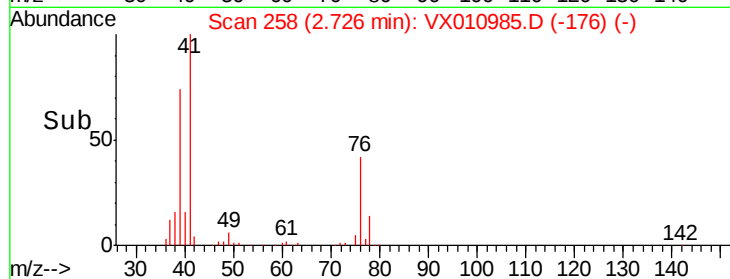
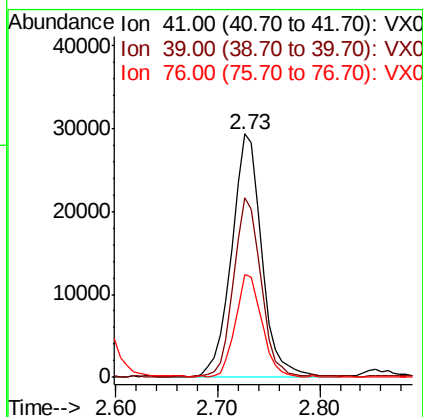
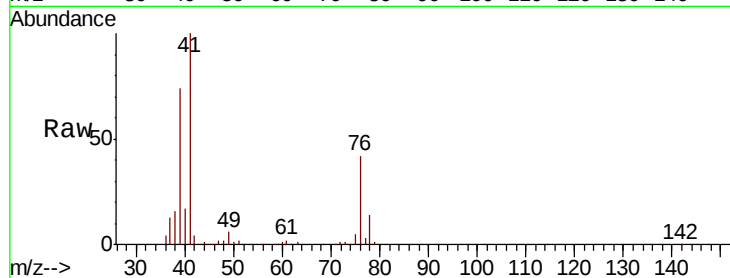




#17
Allvl chloride
Concen: 18.520 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX010985.D
Acq: 19 Jul 2019 02:14

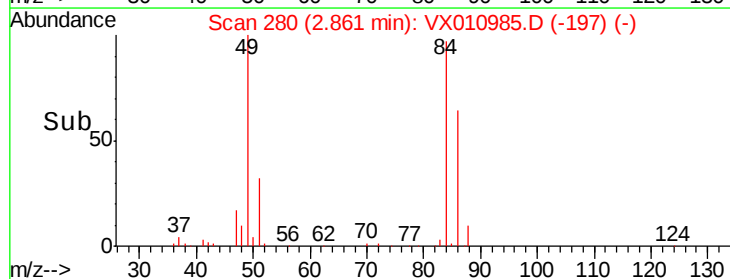
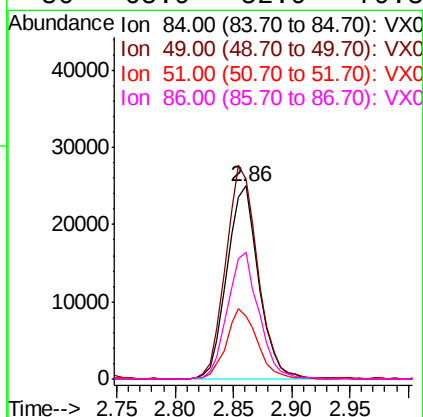
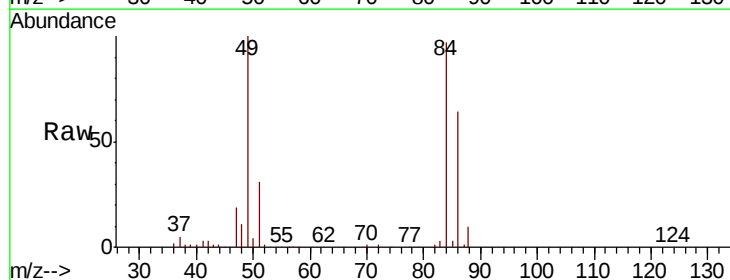
Instrument :
MSVOA_X
ClientSampleId :
VX0719WBS01

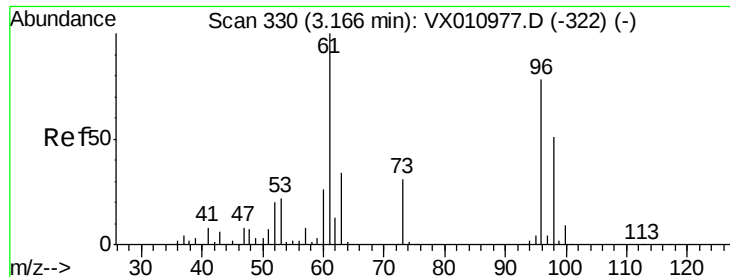
Tot Ion: 41 Resp: 59200
Ion Ratio Lower Upper
41 100
39 73.9 36.1 108.3
76 42.0 20.2 60.5



#18
Methylene Chloride
Concen: 19.317 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010985.D
Acq: 19 Jul 2019 02:14

Tgt Ion: 84 Resp: 47492
Ion Ratio Lower Upper
84 100
49 103.2 93.2 139.8
51 32.2 28.6 42.8
86 65.9 52.9 79.3





#19

trans-1,2-Dichloroethene

Concen: 19.055 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBS01

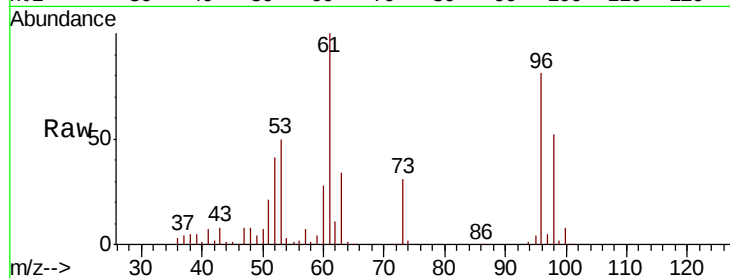
Tot Ion: 96 Resp: 44446

Ion Ratio Lower Upper

96 100

61 123.0 102.2 153.4

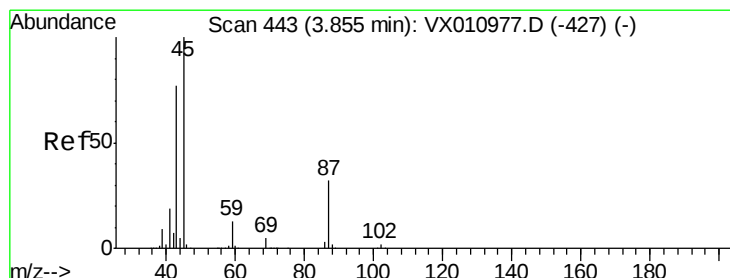
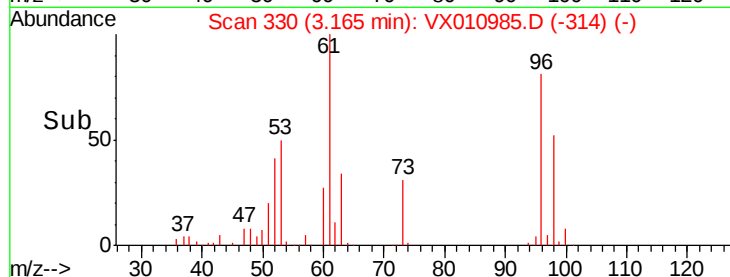
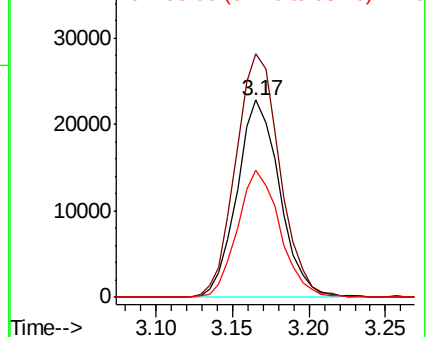
98 64.4 52.2 78.2



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 19.322 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Tgt Ion: 45 Resp: 130386

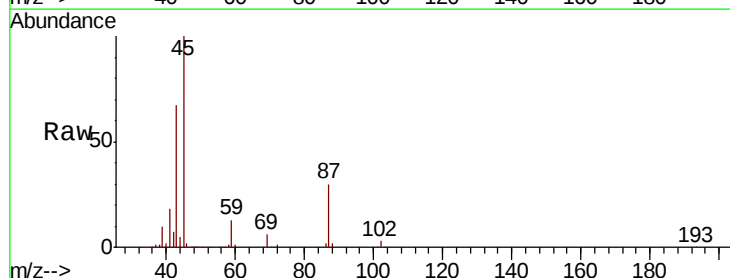
Ion Ratio Lower Upper

45 100

43 65.8 61.5 92.3

87 30.4 25.4 38.2

59 12.8 10.2 15.2

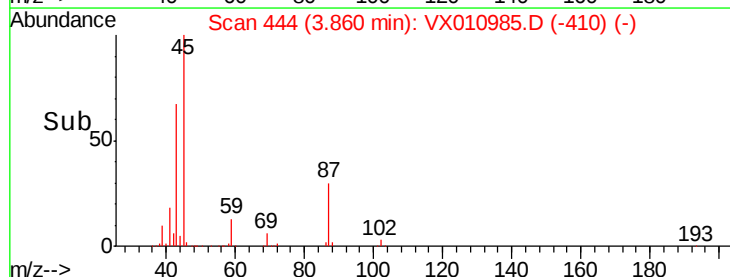
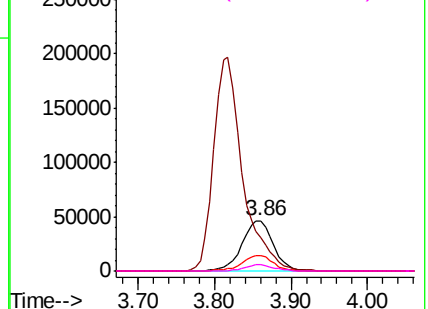


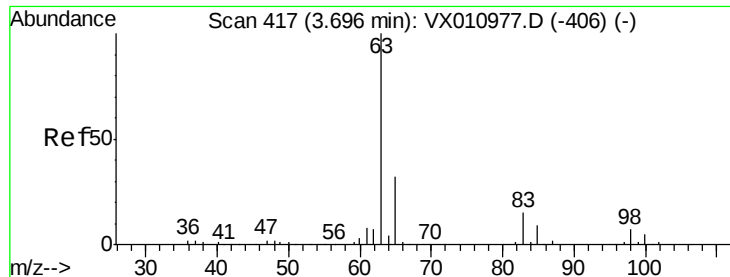
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#21

1,1-Dichloroethane

Concen: 19.395 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBS01

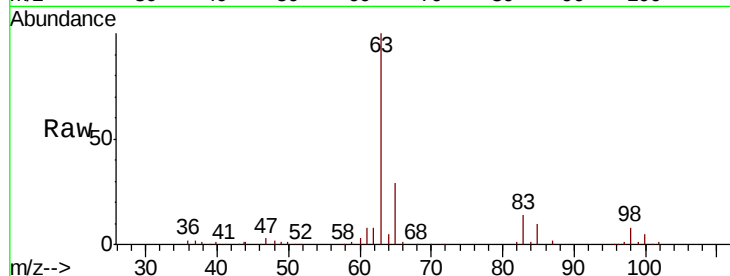
Tot Ion: 63 Resp: 75319

Ion Ratio Lower Upper

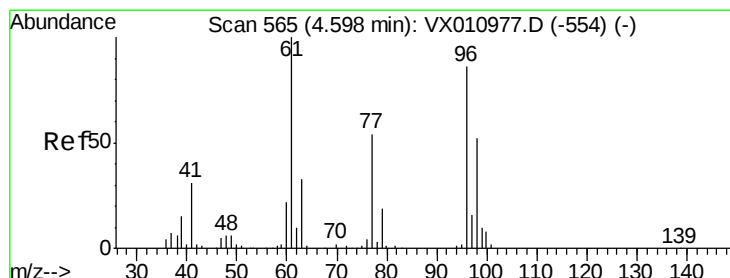
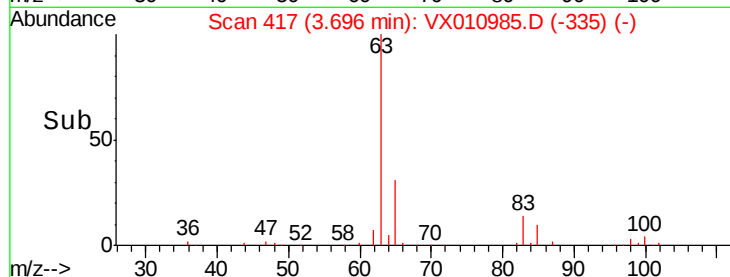
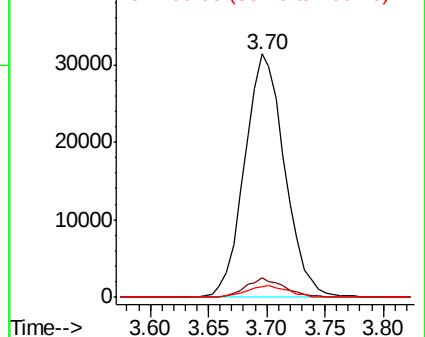
63 100

98 8.0 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: 19.250 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

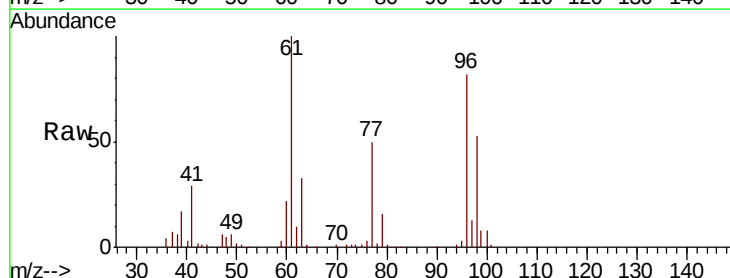
Tgt Ion: 96 Resp: 51640

Ion Ratio Lower Upper

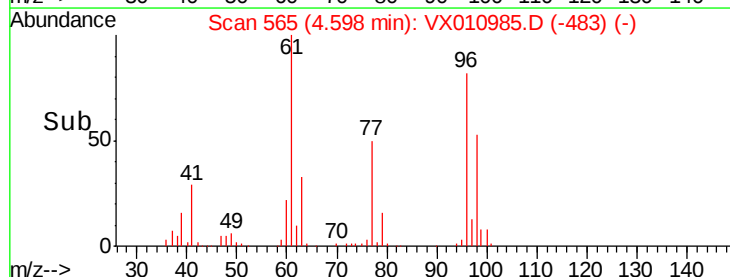
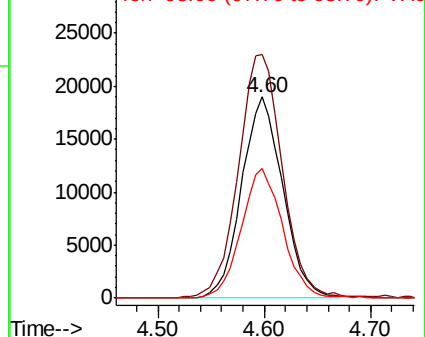
96 100

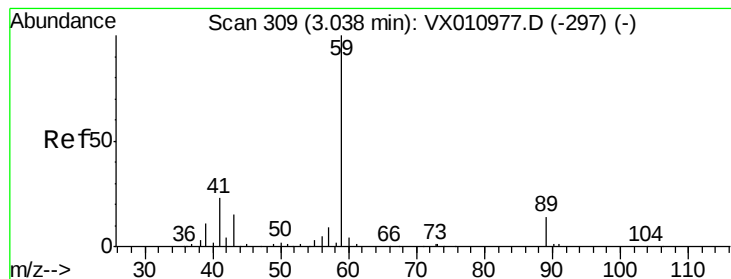
61 129.1 102.9 154.3

98 64.3 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



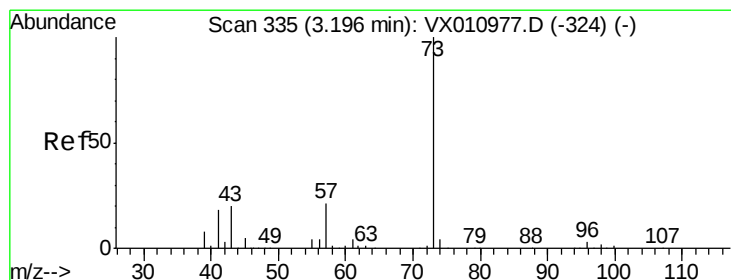
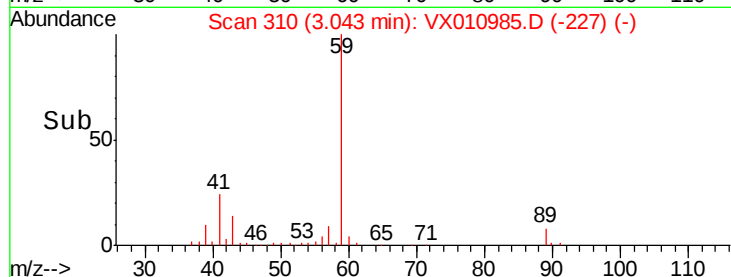
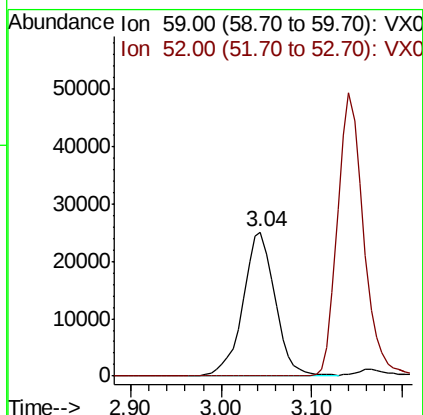
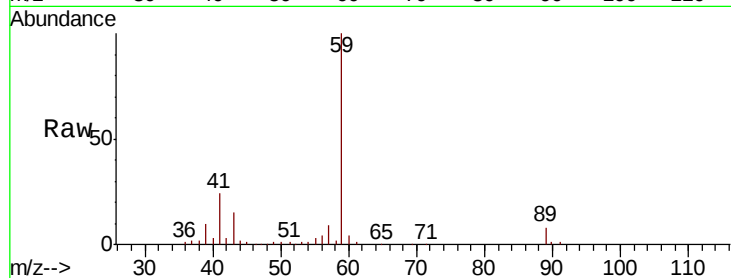


#23

tert-Butyl Alcohol
 Concen: 97.572 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. 0.01 min
 Lab File: VX010985.D
 Acq: 19 Jul 2019 02:14

Instrument :
 MSVOA_X
 ClientSampled :
 VX0719WBS01

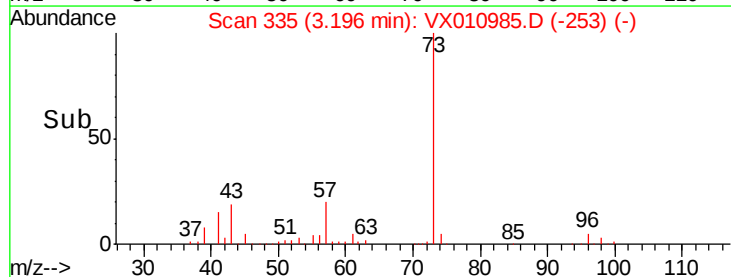
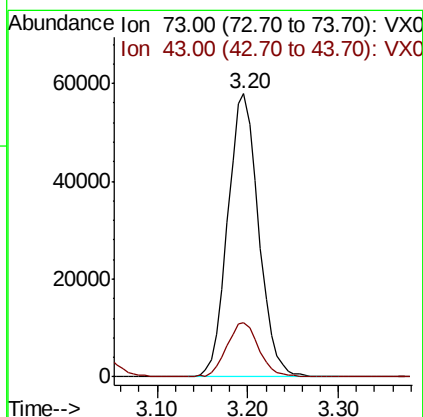
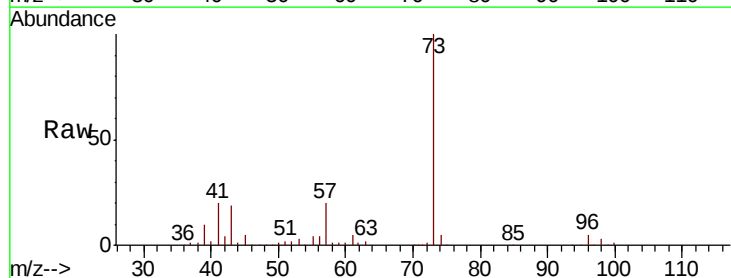
Tot Ion: 59 Resp: 61831
 Ion Ratio Lower Upper
 59 100
 52 0.4 0.2 0.4

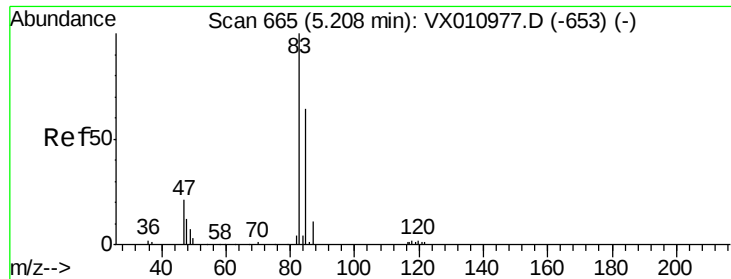


#24

Methyl tert-Butyl Ether
 Concen: 19.294 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX010985.D
 Acq: 19 Jul 2019 02:14

Tgt Ion: 73 Resp: 136753
 Ion Ratio Lower Upper
 73 100
 43 19.3 15.8 23.6





#25

Chloroform

Concen: 18.999 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Instrument :

MSVOA_X

ClientSampleId :

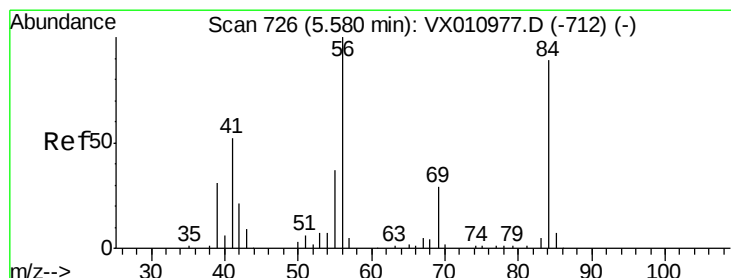
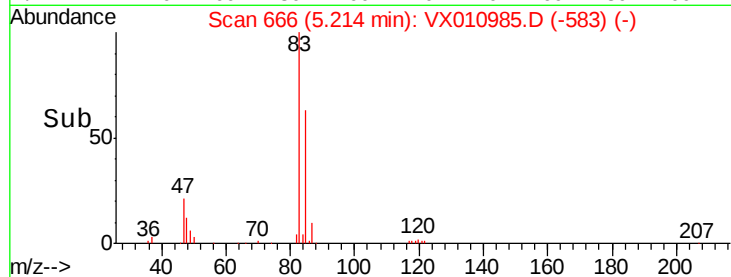
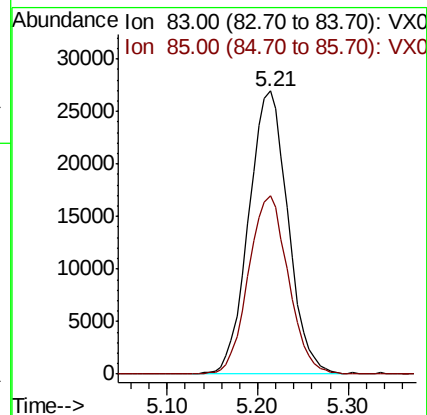
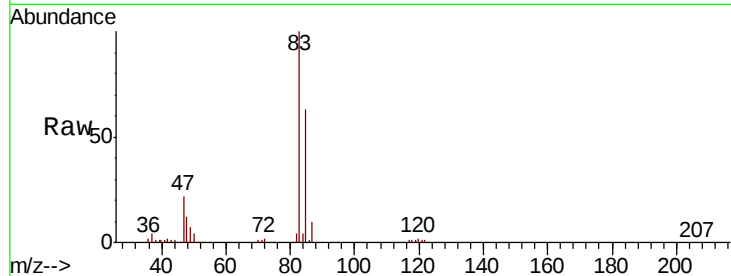
VX0719WBS01

Tot Ion: 83 Resp: 80807

Ion Ratio Lower Upper

83 100

85 62.9 50.9 76.3



#26

Cyclohexane

Concen: 18.932 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

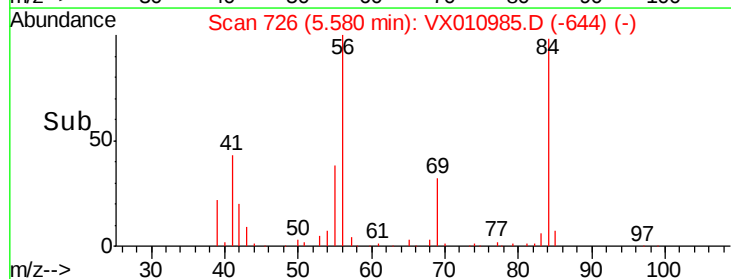
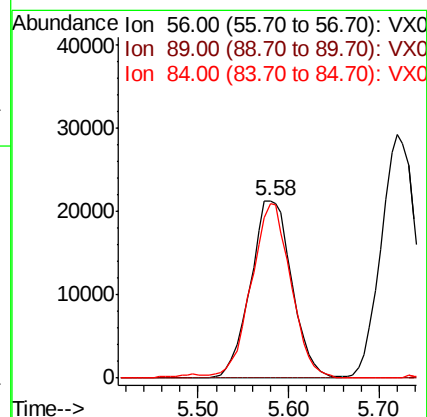
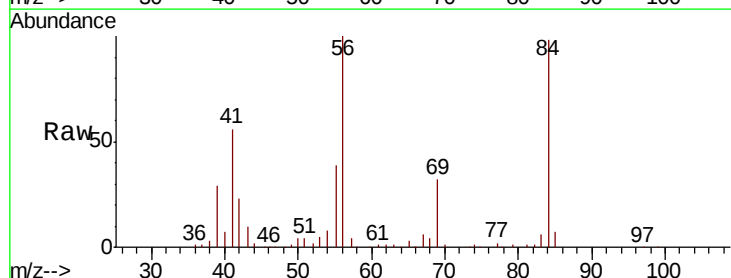
Tgt Ion: 56 Resp: 67274

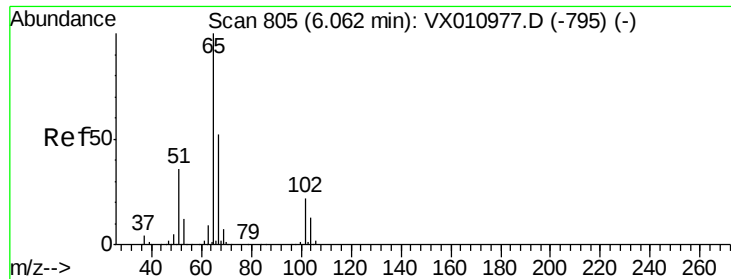
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 94.2 73.0 109.4





#27

1,2-Dichloroethane-d4

Concen: 29.078 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Instrument :

MSVOA_X

ClientSampleId :

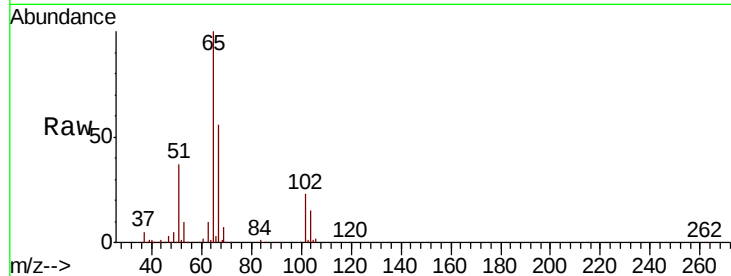
VX0719WBS01

Tot Ion: 65 Resp: 77829

Ion Ratio Lower Upper

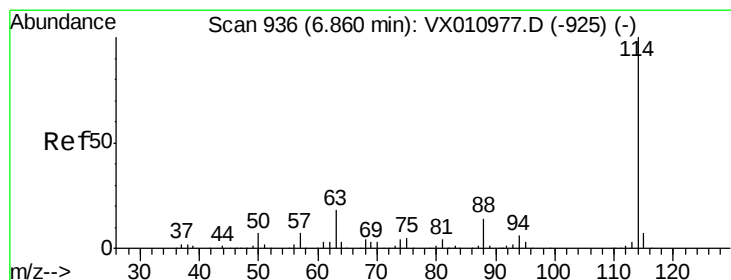
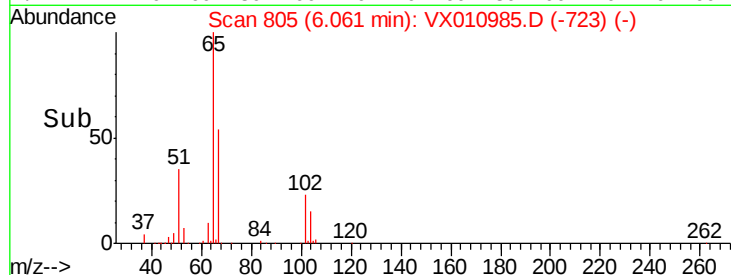
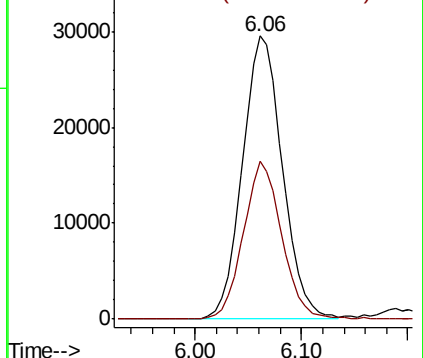
65 100

67 53.4 41.7 62.5



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

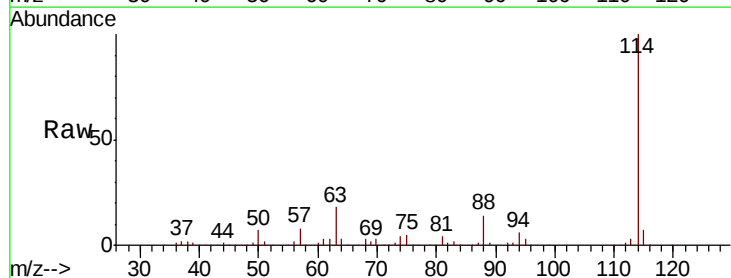
Tgt Ion: 114 Resp: 213606

Ion Ratio Lower Upper

114 100

63 18.7 14.6 22.0

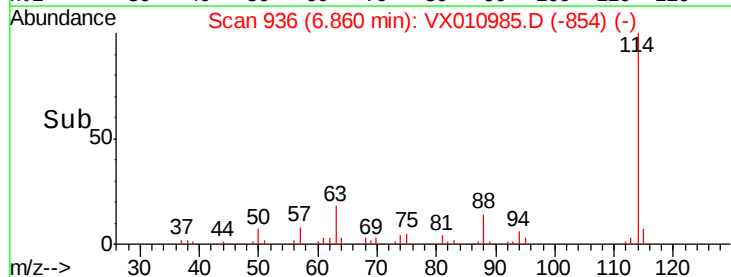
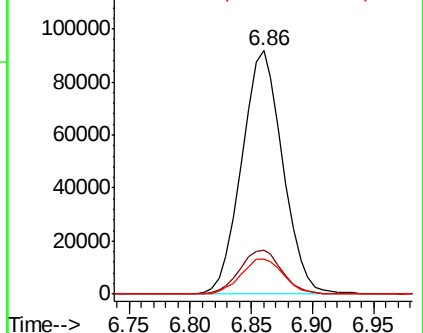
88 15.0 11.8 17.8

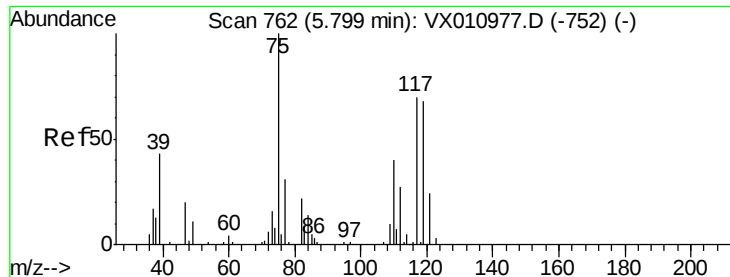


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

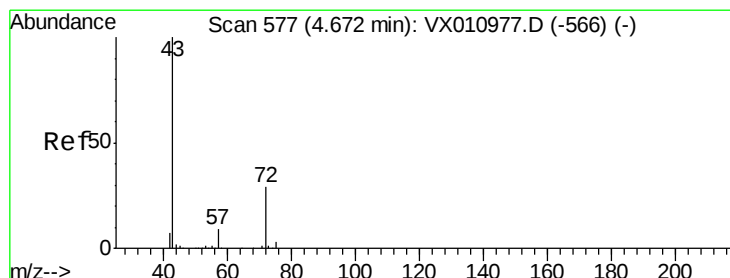
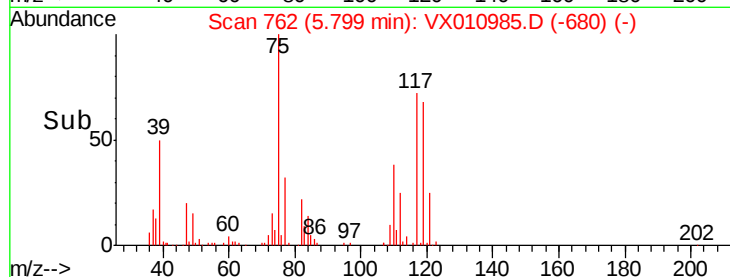
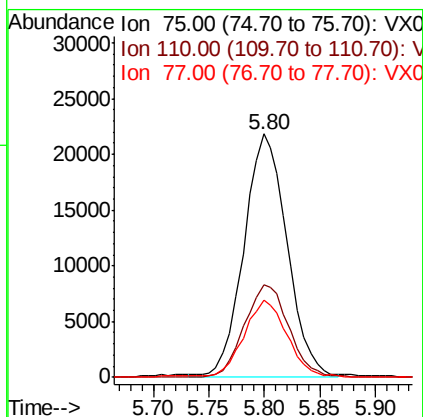
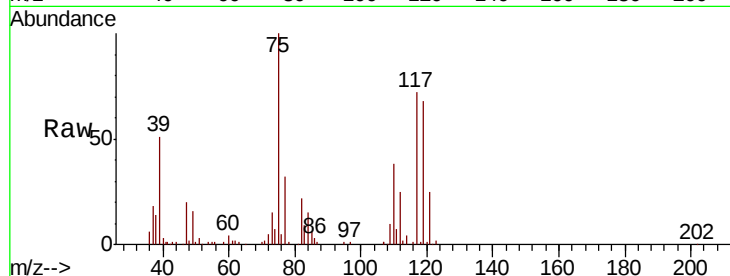




#29
 1,1-Dichloropropene
 Concen: 19.614 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX010985.D
 Acq: 19 Jul 2019 02:14

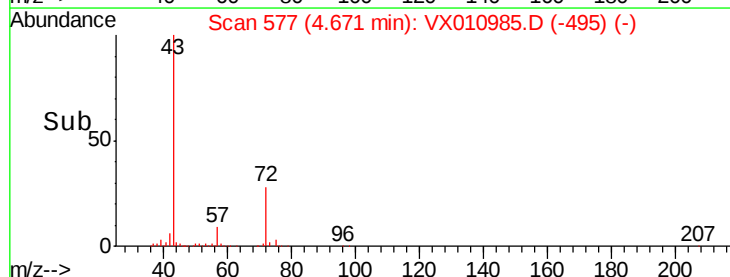
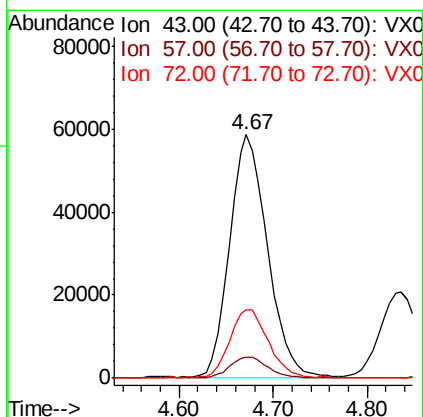
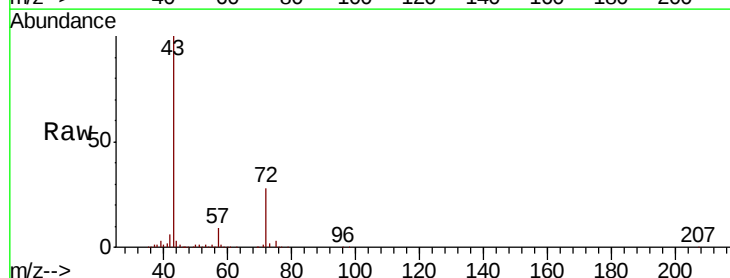
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0719WBS01

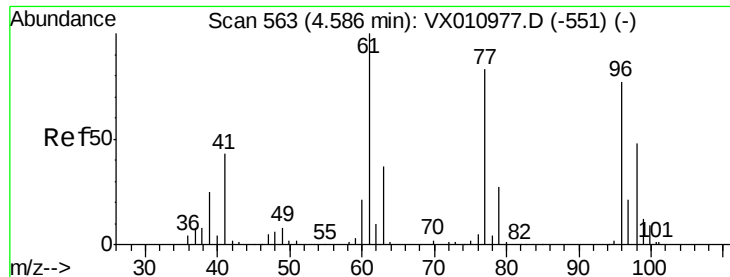
Tot Ion	Ratio	Lower	Upper
75	100		
110	39.1	0.0	79.8
77	31.8	0.0	62.2



#30
 2-Butanone
 Concen: 100.904 ug/l
 RT: 4.67 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: VX010985.D
 Acq: 19 Jul 2019 02:14

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.9	6.8	10.2
72	28.9	23.2	34.8

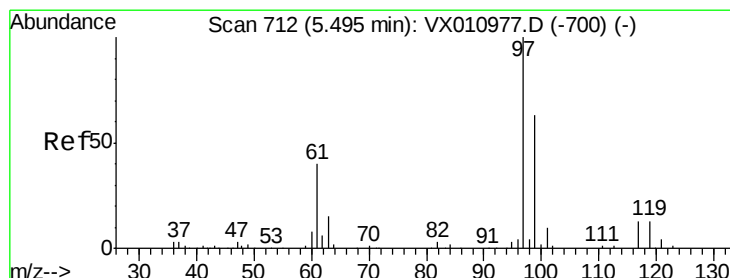
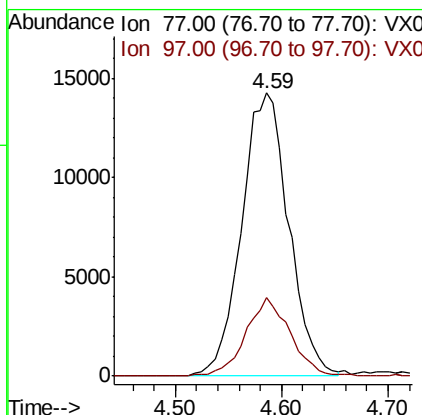
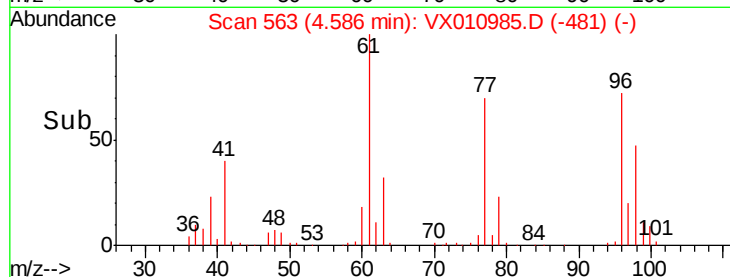
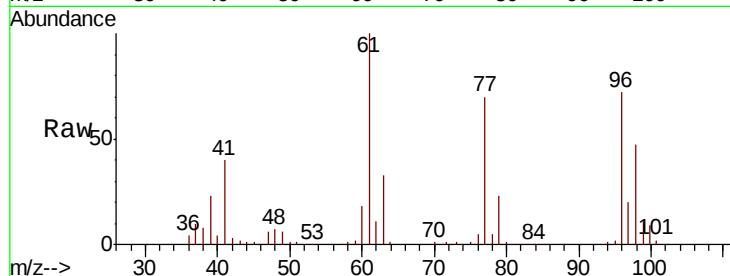




#31
 2,2-Dichloropropane
 Concen: 16.835 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. -0.00 min
 Lab File: VX010985.D
 Acq: 19 Jul 2019 02:14

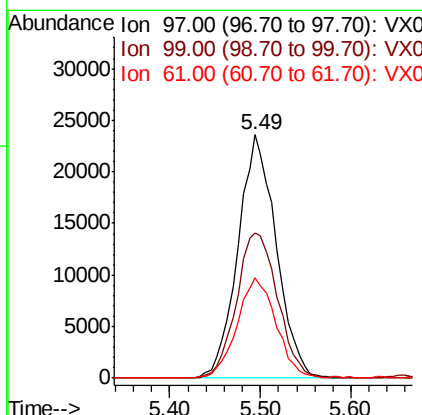
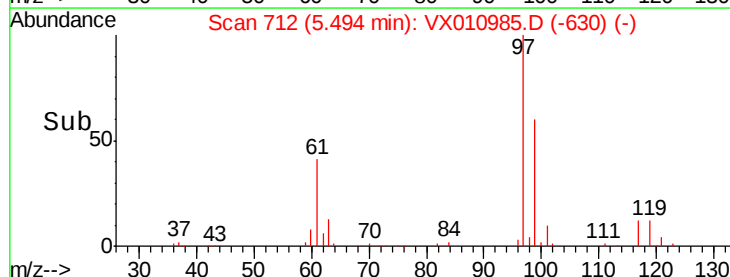
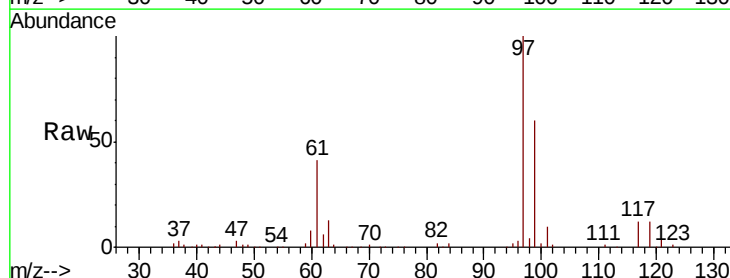
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0719WBS01

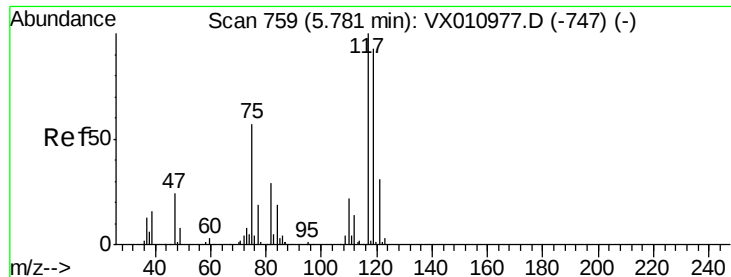
Tot Ion: 77 Resp: 44144
 Ion Ratio Lower Upper
 77 100
 97 25.3 20.9 31.3



#32
 1,1,1-Trichloroethane
 Concen: 19.036 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX010985.D
 Acq: 19 Jul 2019 02:14

Tgt Ion: 97 Resp: 68957
 Ion Ratio Lower Upper
 97 100
 99 64.1 51.0 76.6
 61 42.0 34.3 51.5





#33

Carbon Tetrachloride

Concen: 18.653 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBS01

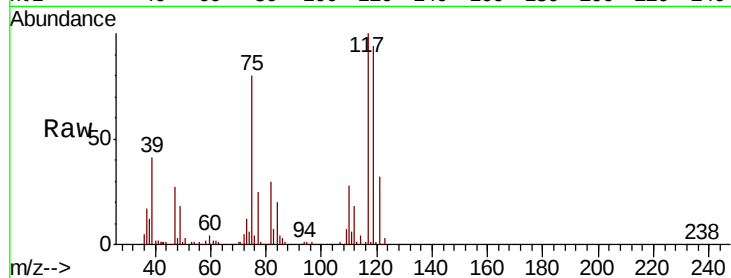
Tot Ion:117 Resp: 58749

Ion Ratio Lower Upper

117 100

119 94.0 74.3 111.5

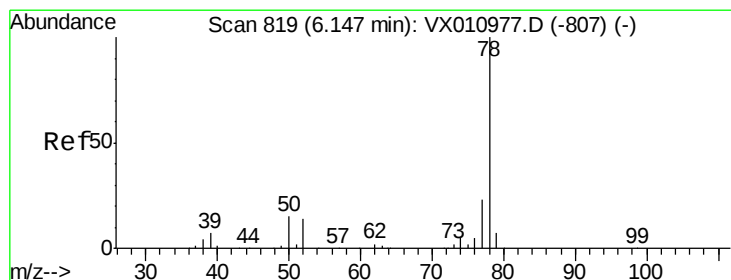
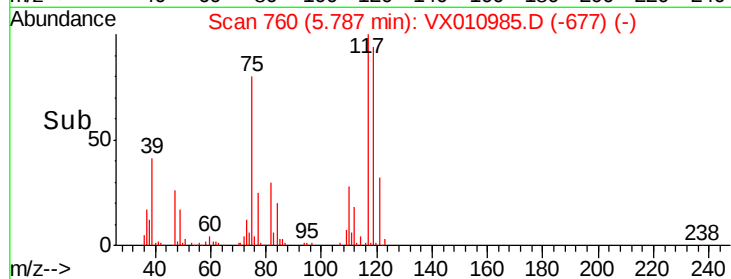
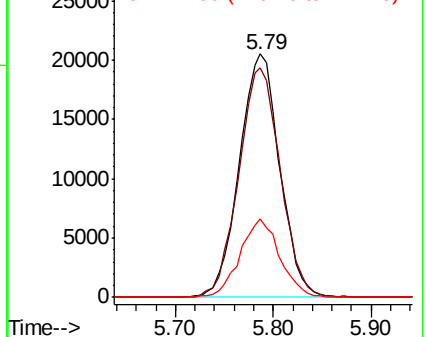
121 32.2 24.9 37.3



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: 19.885 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

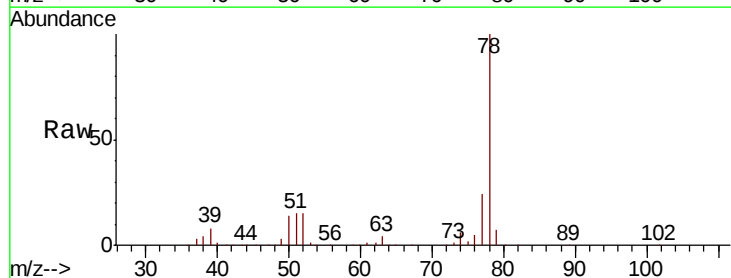
Tgt Ion: 78 Resp: 179182

Ion Ratio Lower Upper

78 100

77 24.2 18.2 27.4

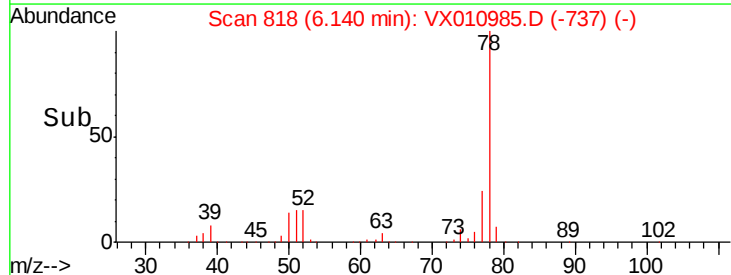
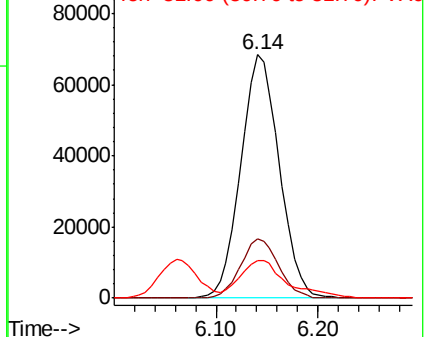
51 14.4 11.4 17.2

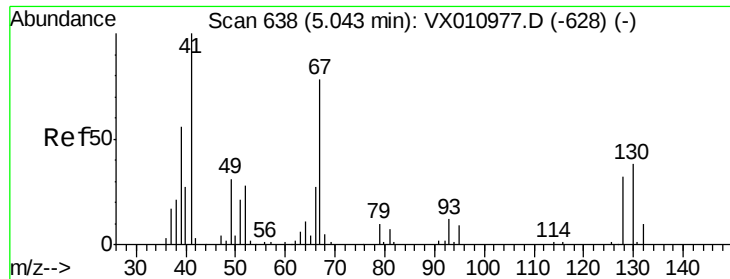


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

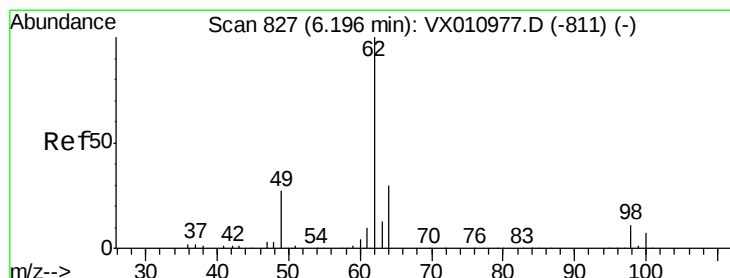
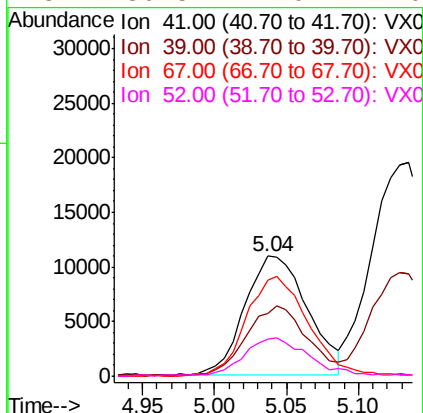
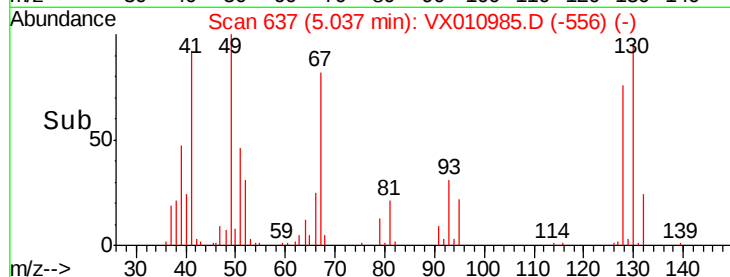
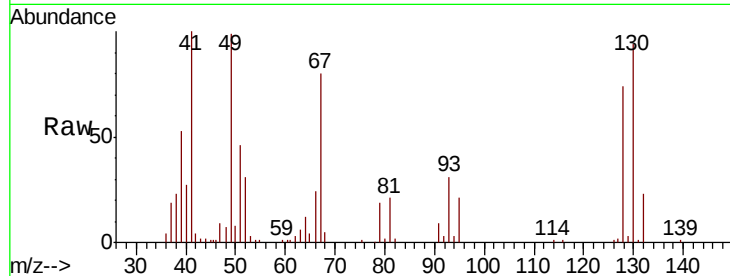




#35
Methacrylonitrile
Concen: 19.382 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX010985.D
Acq: 19 Jul 2019 02:14

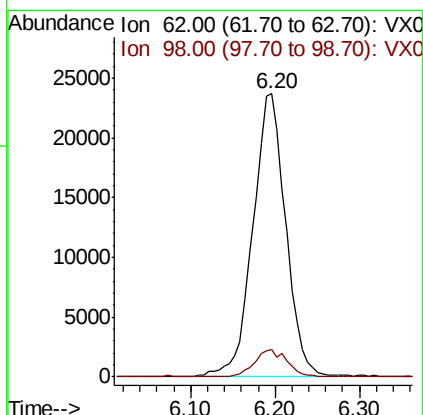
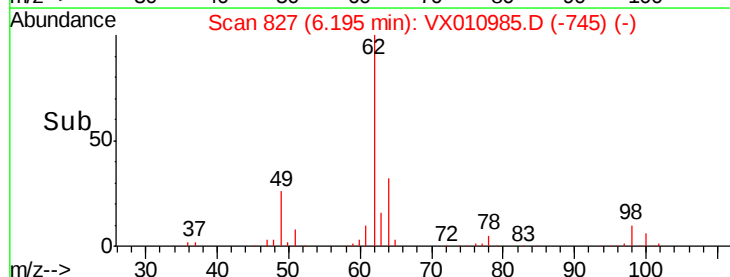
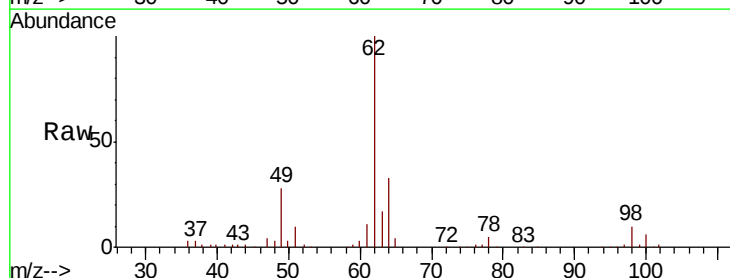
Instrument :
MSVOA_X
ClientSampleId :
VX0719WBS01

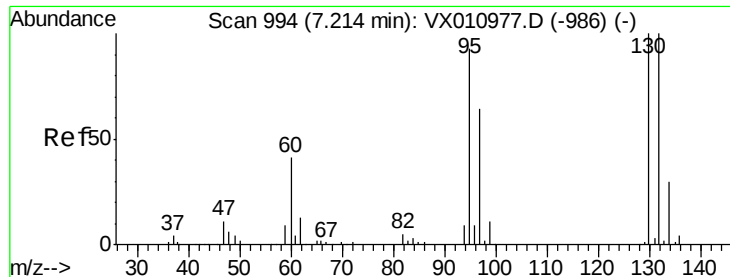
Tot Ion: 41 Resp: 32718
Ion Ratio Lower Upper
41 100
39 52.7 27.6 82.8
67 79.7 39.1 117.2
52 30.5 14.0 42.0



#36
1,2-Dichloroethane
Concen: 19.642 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX010985.D
Acq: 19 Jul 2019 02:14

Tgt Ion: 62 Resp: 63285
Ion Ratio Lower Upper
62 100
98 9.5 8.0 12.0

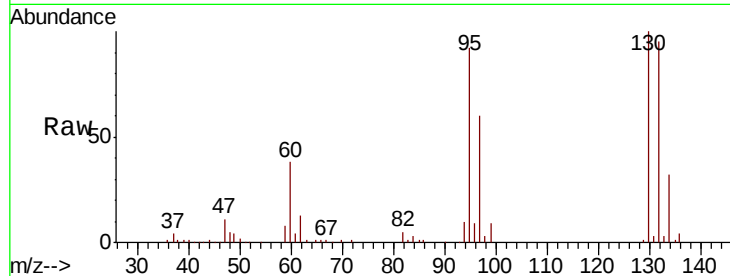




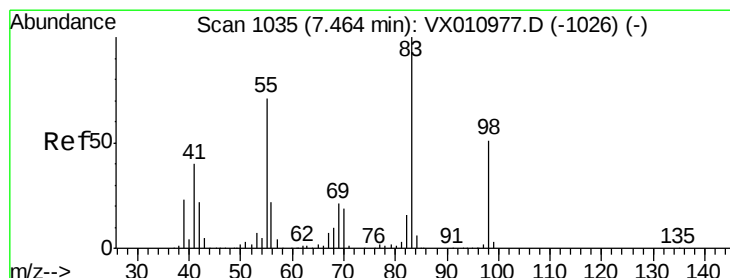
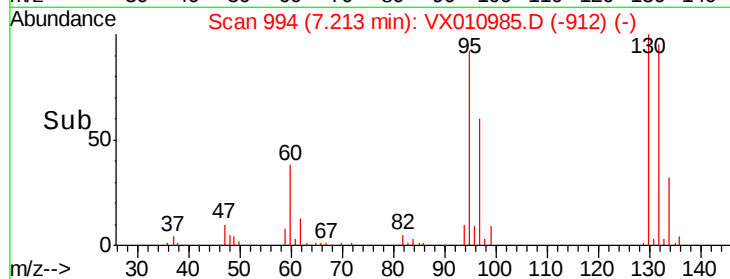
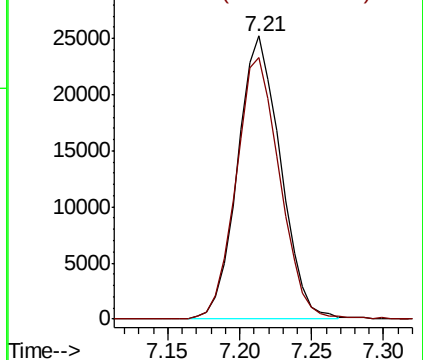
#37
 Trichloroethene
 Concen: 19.783 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX010985.D
 Acq: 19 Jul 2019 02:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0719WBS01

Tot Ion:130 Resp: 52188
 Ion Ratio Lower Upper
 130 100
 95 92.2 74.1 111.1

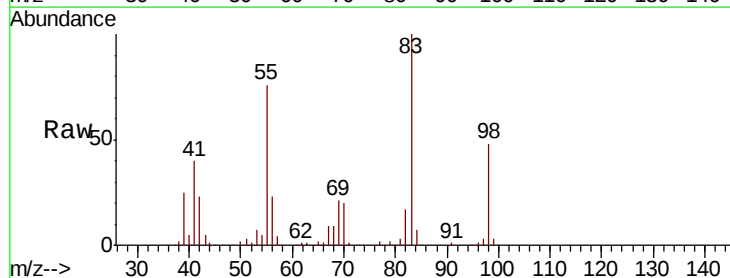


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

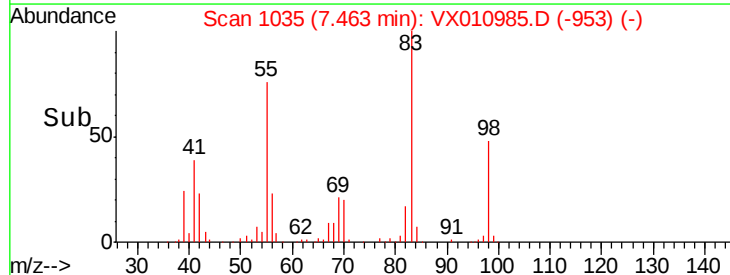
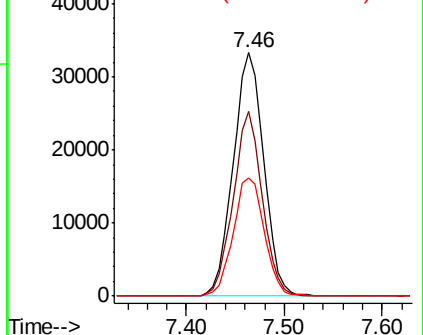


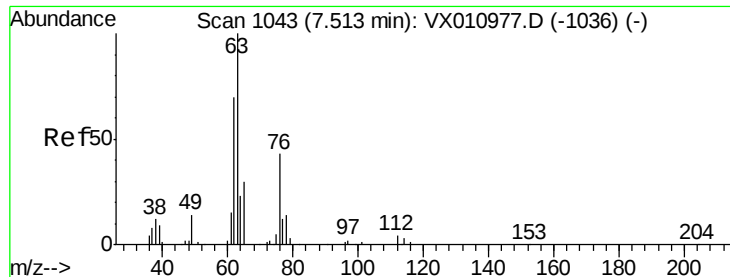
#38
 Methylcyclohexane
 Concen: 19.098 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: VX010985.D
 Acq: 19 Jul 2019 02:14

Tgt Ion: 83 Resp: 72403
 Ion Ratio Lower Upper
 83 100
 55 71.9 35.3 105.9
 98 49.2 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





#39

1,2-Dichloropropane

Concen: 19.736 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Instrument :

MSVOA_X

ClientSampleId :

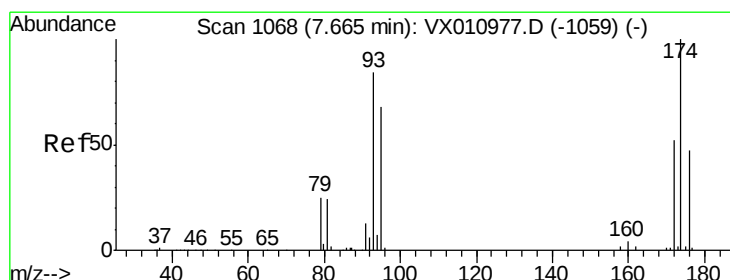
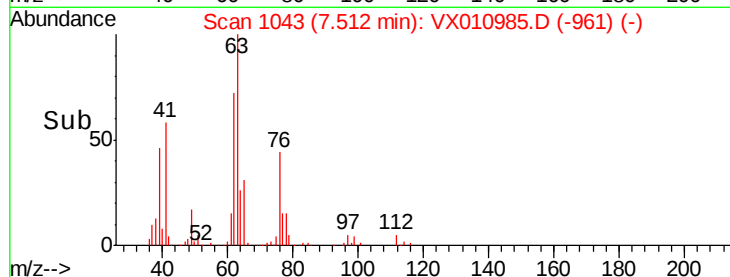
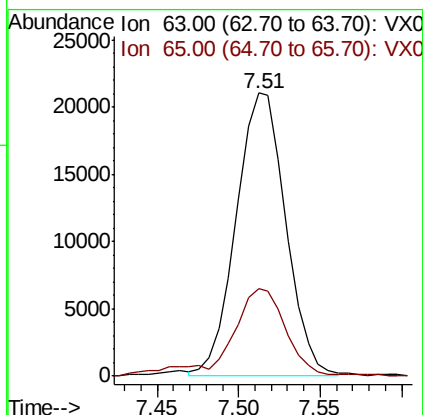
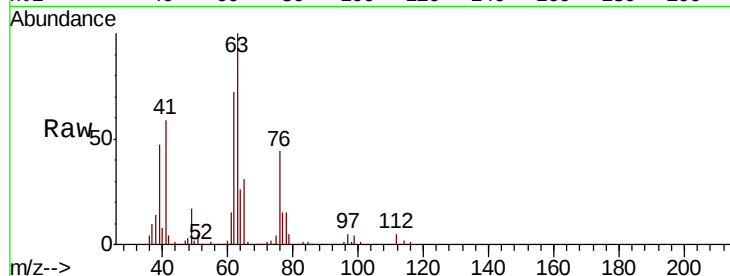
VX0719WBS01

Tot Ion: 63 Resp: 44453

Ion Ratio Lower Upper

63 100

65 30.5 25.6 38.4



#40

Dibromomethane

Concen: 20.036 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

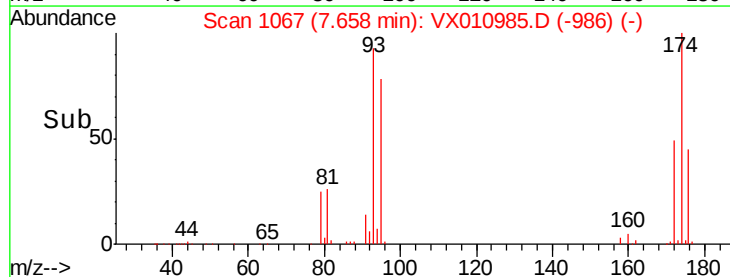
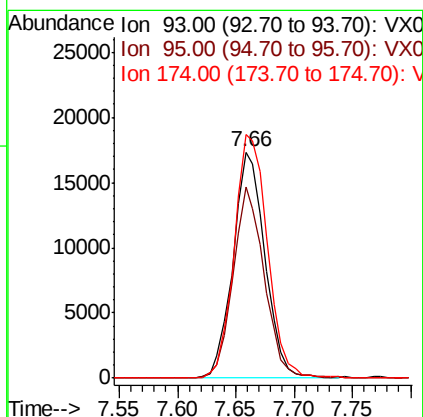
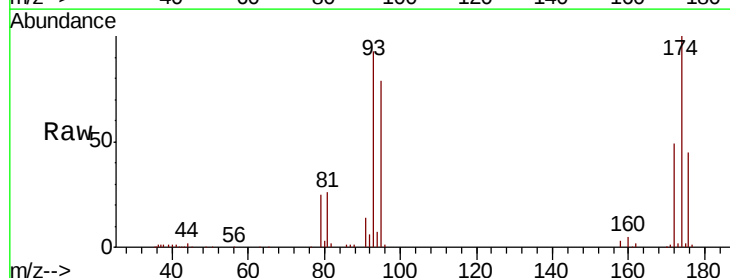
Tgt Ion: 93 Resp: 33190

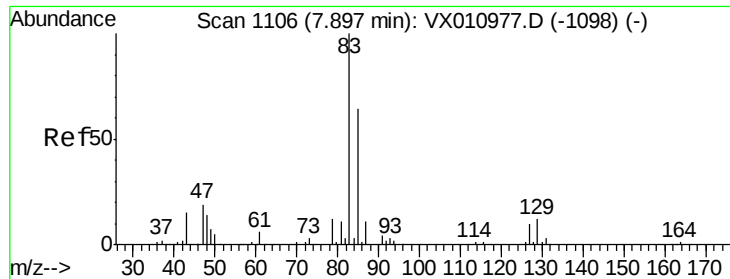
Ion Ratio Lower Upper

93 100

95 82.3 0.0 166.0

174 111.6 0.0 229.2





#41

Bromodichloromethane

Concen: 18.913 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBS01

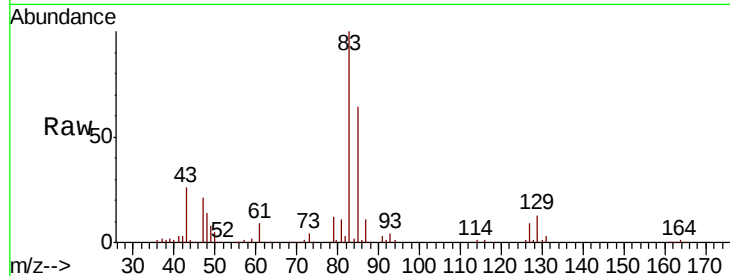
Tot Ion: 83 Resp: 57025

Ion Ratio Lower Upper

83 100

85 63.9 50.9 76.3

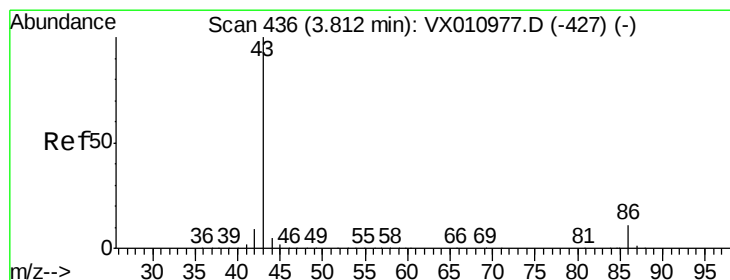
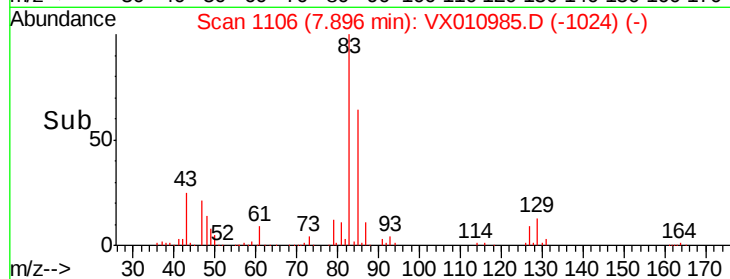
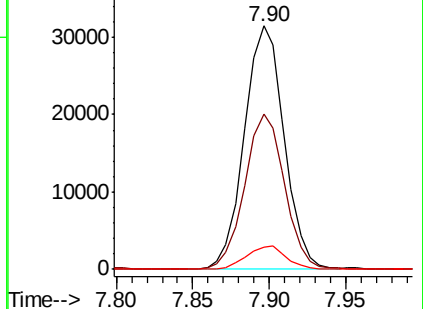
127 9.1 7.7 11.5



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): VX0



#42

Vinyl Acetate

Concen: 96.712 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX010985.D

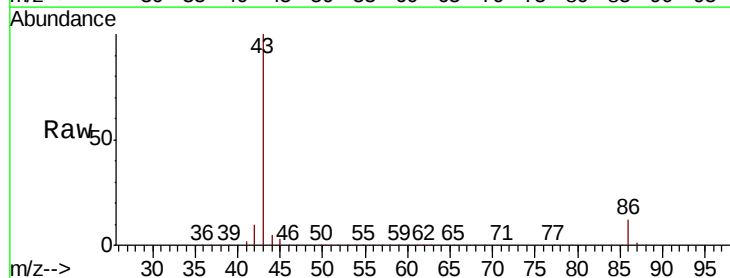
Acq: 19 Jul 2019 02:14

Tgt Ion: 43 Resp: 516661

Ion Ratio Lower Upper

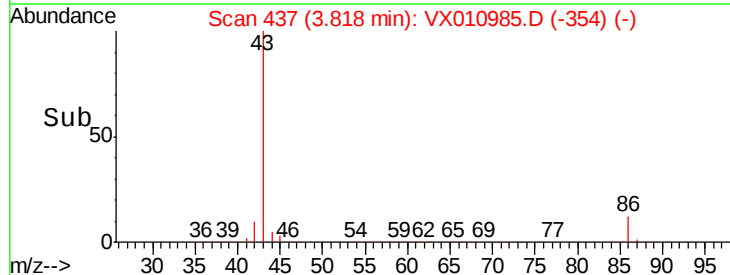
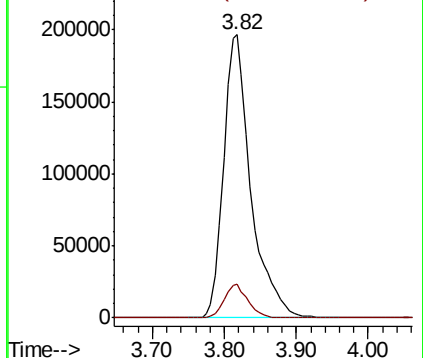
43 100

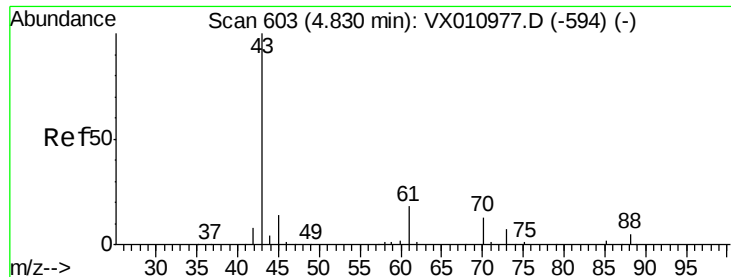
86 10.1 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 20.302 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Instrument :

MSVOA_X

ClientSampleId :

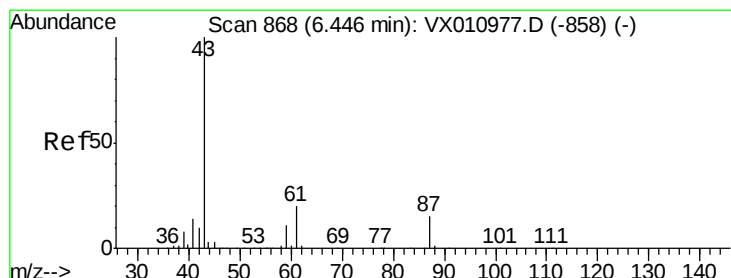
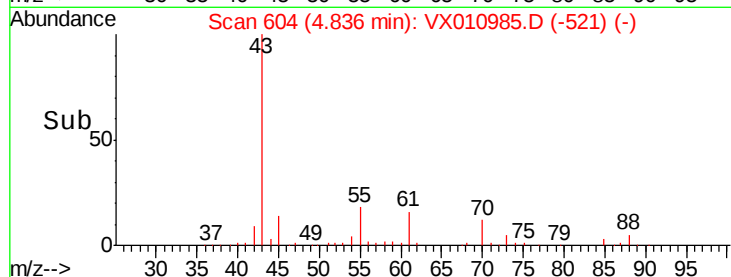
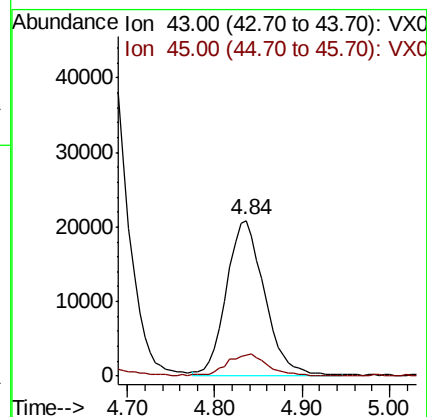
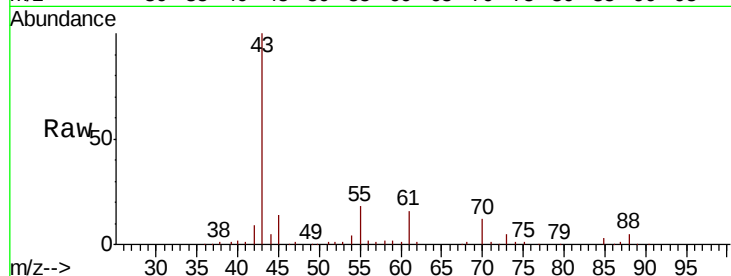
VX0719WBS01

Tot Ion: 43 Resp: 63193

Ion Ratio Lower Upper

43 100

45 15.0 12.1 18.1



#44

Isopropyl Acetate

Concen: 19.519 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010985.D

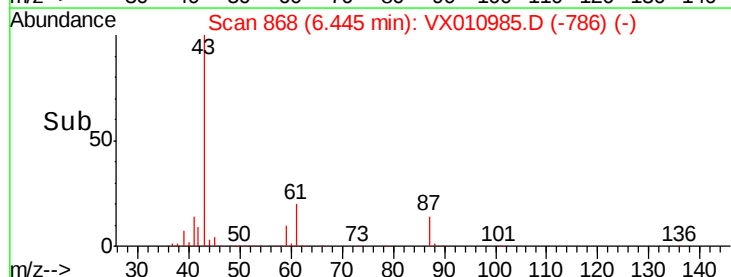
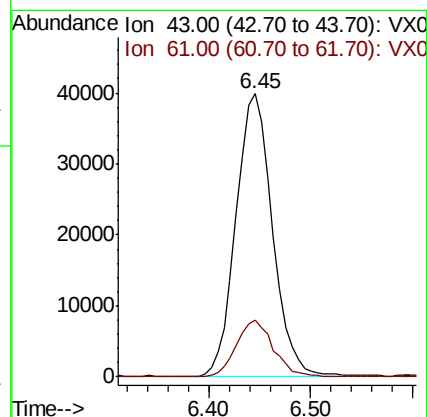
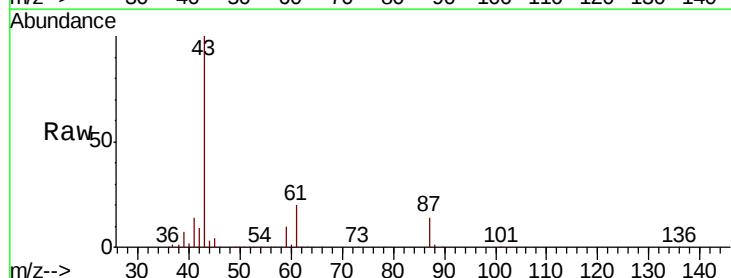
Acq: 19 Jul 2019 02:14

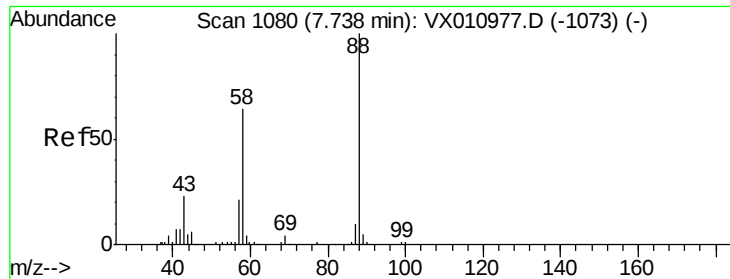
Tgt Ion: 43 Resp: 98957

Ion Ratio Lower Upper

43 100

61 20.4 16.7 25.1





#45

1,4-Dioxane

Concen: 413.103 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBS01

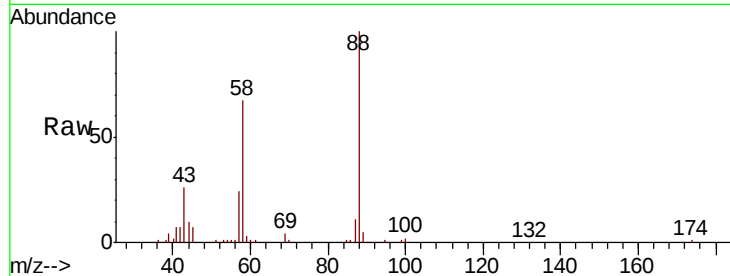
Tot Ion: 88 Resp: 27259

Ion Ratio Lower Upper

88 100

43 29.2 21.6 32.4

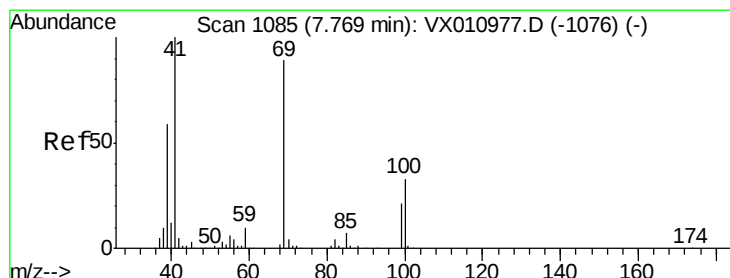
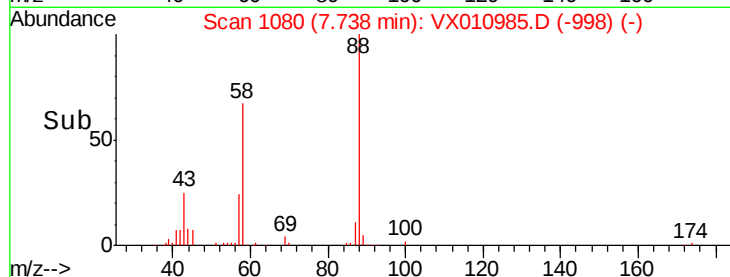
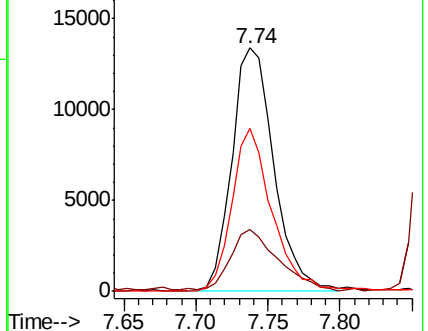
58 63.2 52.2 78.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46

Methyl methacrylate

Concen: 19.628 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

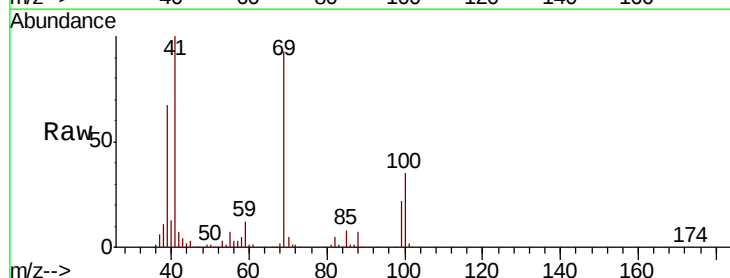
Tgt Ion: 41 Resp: 48299

Ion Ratio Lower Upper

41 100

69 92.9 44.7 134.1

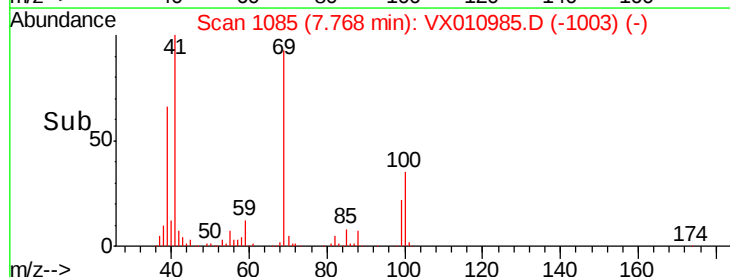
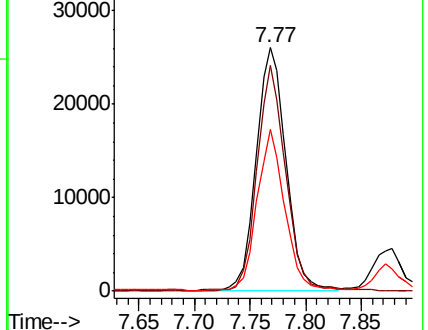
39 66.4 29.4 88.2

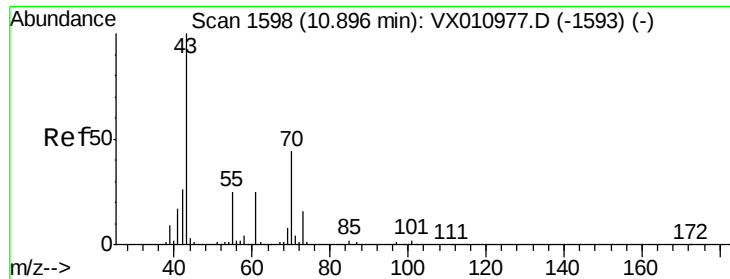


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amvl Acetate

Concen: 18.833 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Instrument :

MSVOA_X

ClientSampleId :

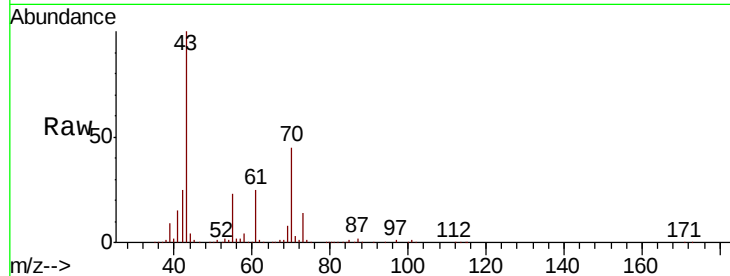
VX0719WBS01

Tot Ion: 43 Resp: 85631

Ion Ratio Lower Upper

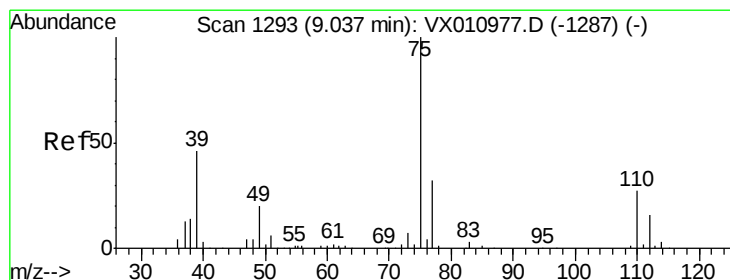
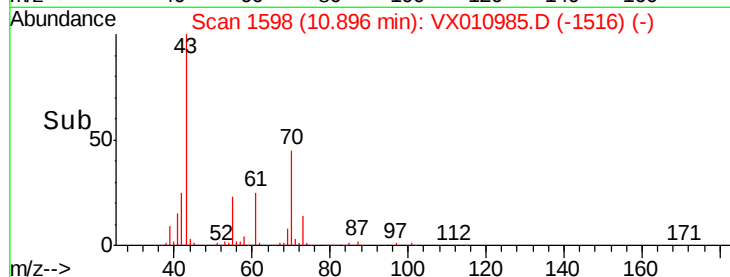
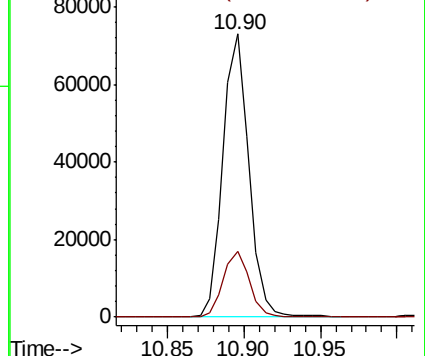
43 100

55 24.1 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: 17.968 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010985.D

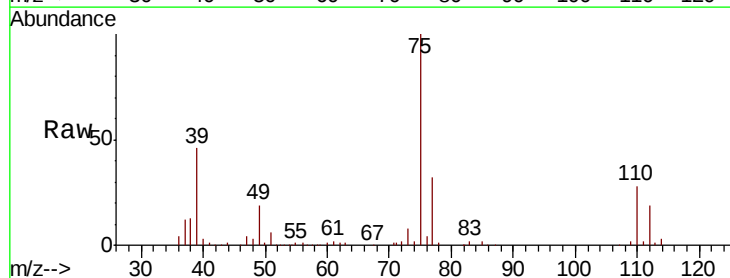
Acq: 19 Jul 2019 02:14

Tgt Ion: 75 Resp: 57097

Ion Ratio Lower Upper

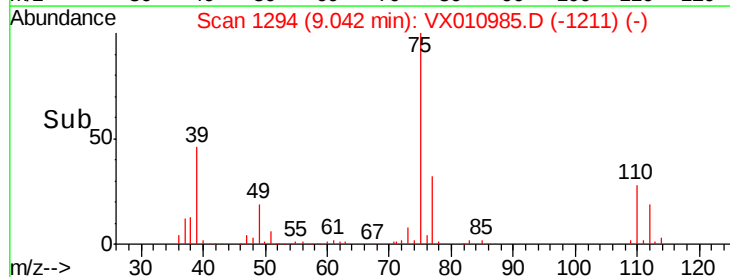
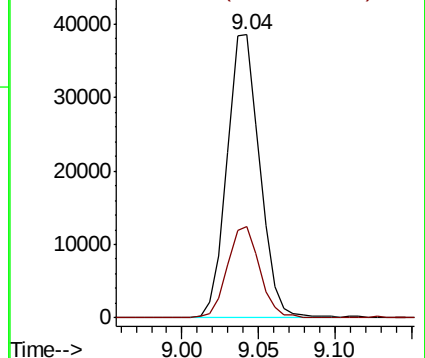
75 100

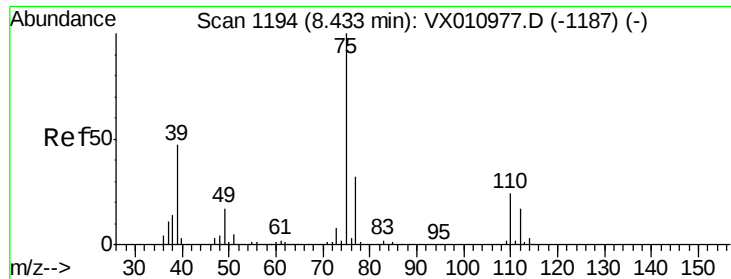
77 32.2 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

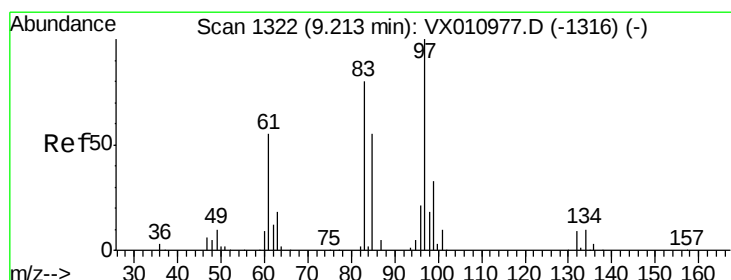
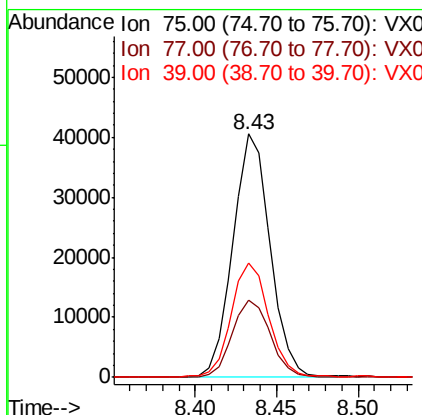
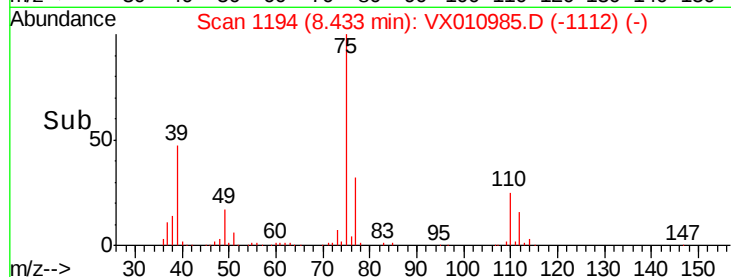
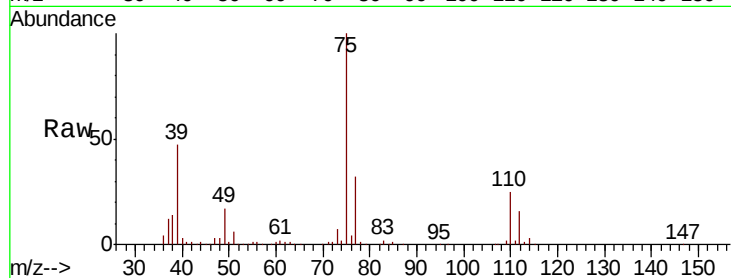




#49
 cis-1,3-Dichloropropene
 Concen: 18.637 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX010985.D
 Acq: 19 Jul 2019 02:14

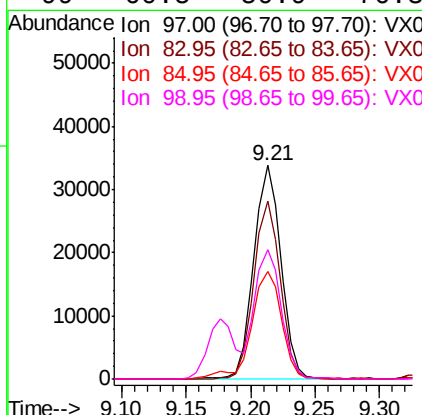
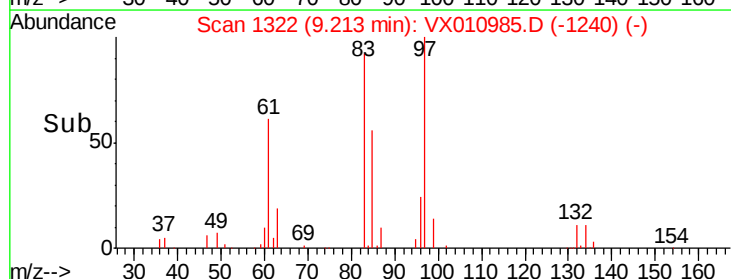
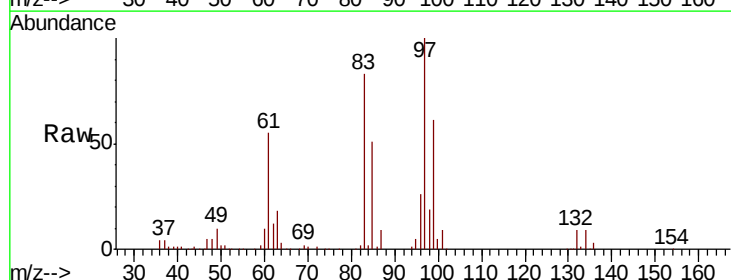
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0719WBS01

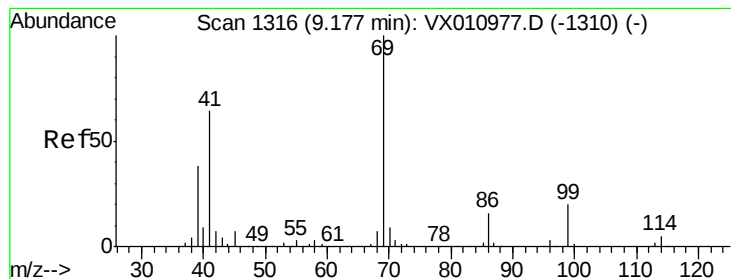
Tot Ion: 75 Resp: 64628
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.3 37.9
 39 46.6 37.8 56.6



#50
 1,1,2-Trichloroethane
 Concen: 20.283 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010985.D
 Acq: 19 Jul 2019 02:14

Tgt Ion: 97 Resp: 49175
 Ion Ratio Lower Upper
 97 100
 83 83.3 63.9 95.9
 85 50.4 43.4 65.2
 99 60.5 50.9 76.3





#51

Ethyl methacrylate

Concen: 18.631 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Instrument :

MSVOA_X

ClientSampled :

VX0719WBS01

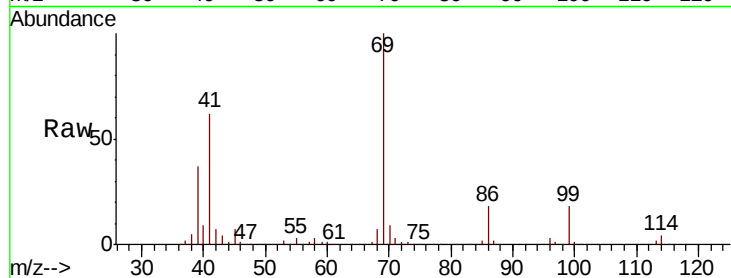
Tot Ion: 69 Resp: 69856

Ion Ratio Lower Upper

69 100

41 62.2 32.1 96.3

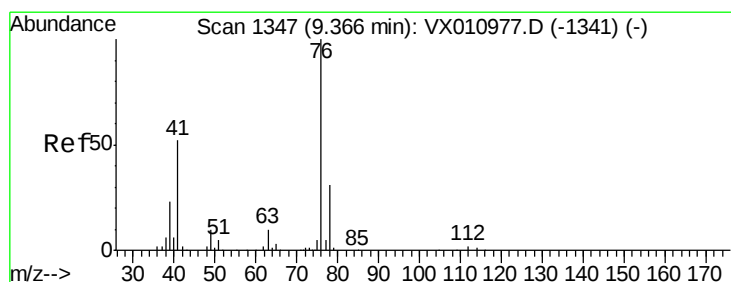
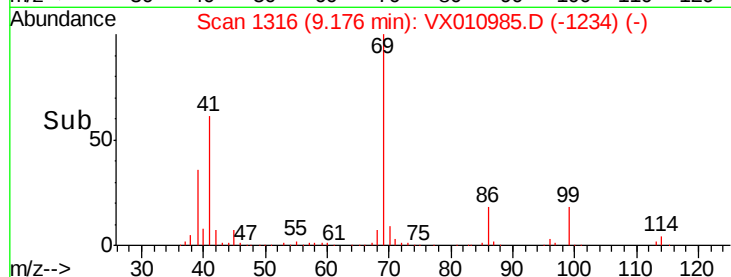
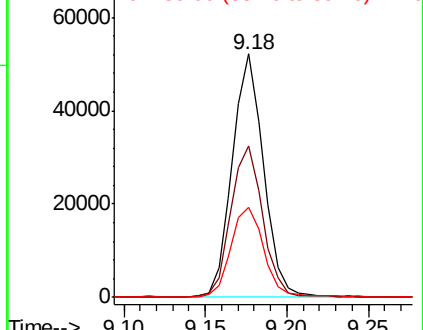
39 36.8 19.1 57.3



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: 19.521 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VX010985.D

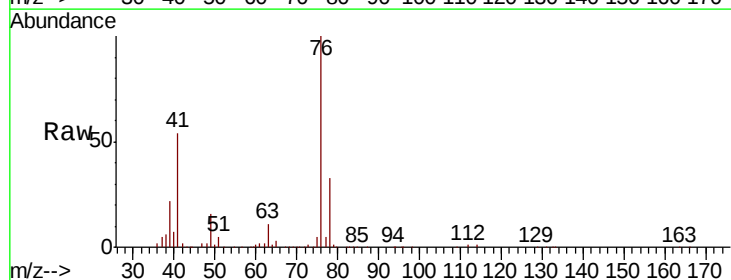
Acq: 19 Jul 2019 02:14

Tgt Ion: 76 Resp: 76051

Ion Ratio Lower Upper

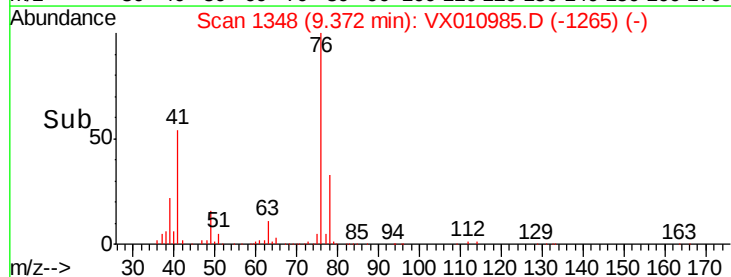
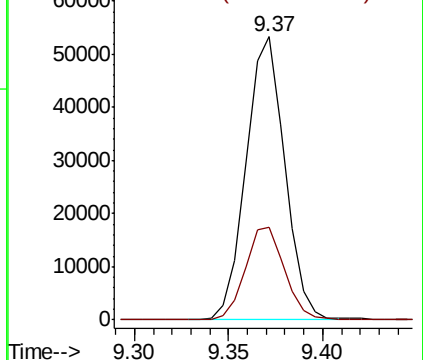
76 100

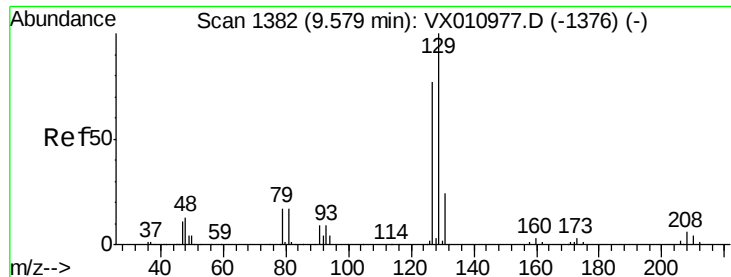
78 33.0 0.0 63.8



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

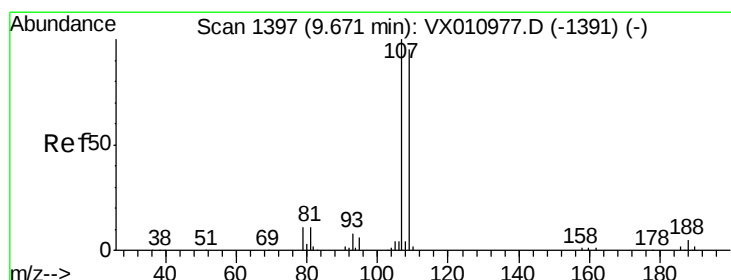
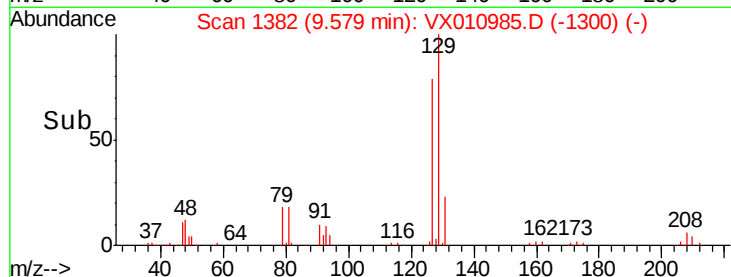
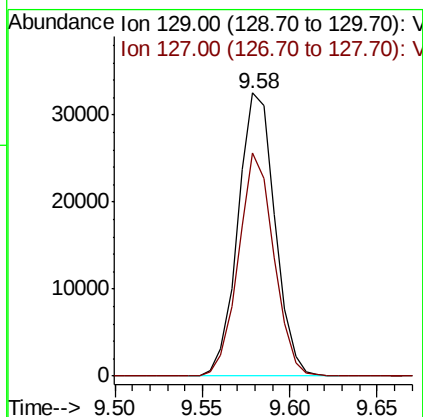
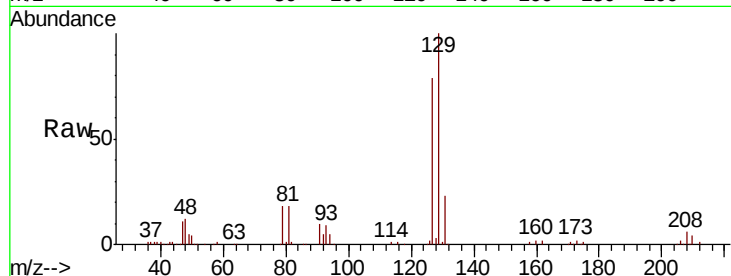




#53
 Dibromochloromethane
 Concen: 18.227 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VX010985.D
 Acq: 19 Jul 2019 02:14

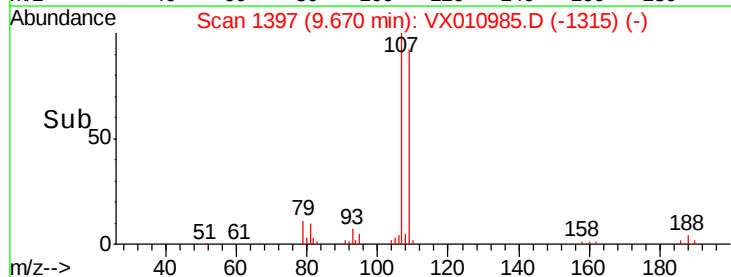
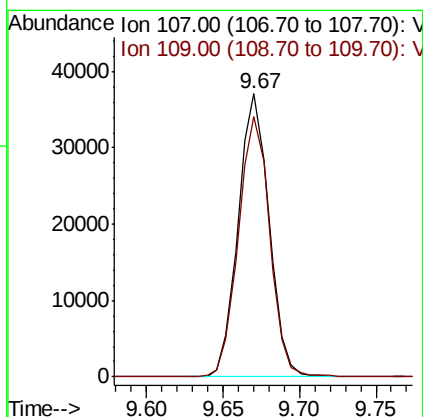
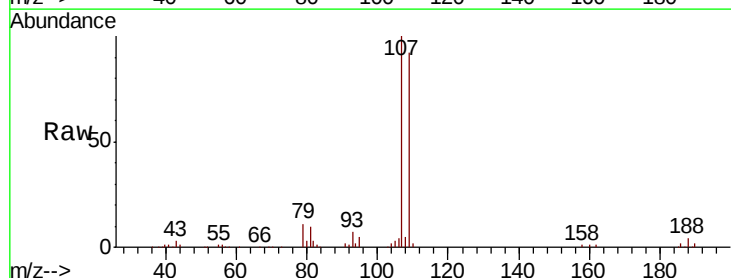
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0719WBS01

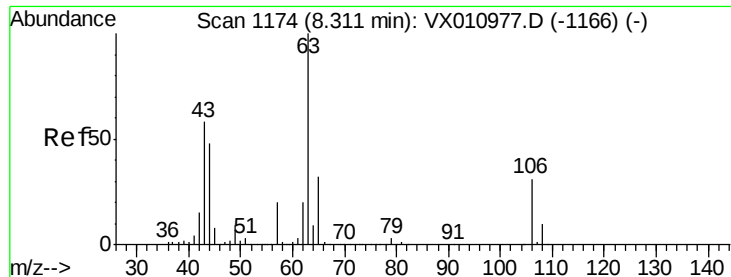
Tot Ion:129 Resp: 47724
 Ion Ratio Lower Upper
 129 100
 127 75.4 38.1 114.3



#54
 1,2-Dibromoethane
 Concen: 19.739 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX010985.D
 Acq: 19 Jul 2019 02:14

Tgt Ion:107 Resp: 52008
 Ion Ratio Lower Upper
 107 100
 109 93.4 77.1 115.7

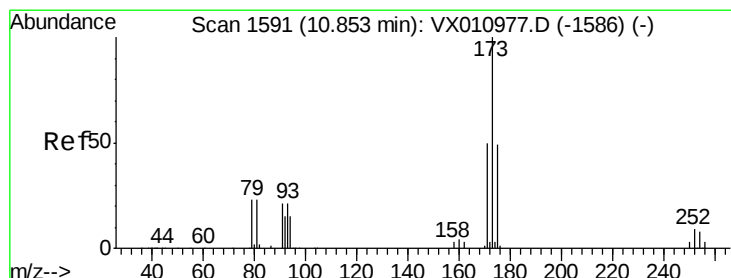
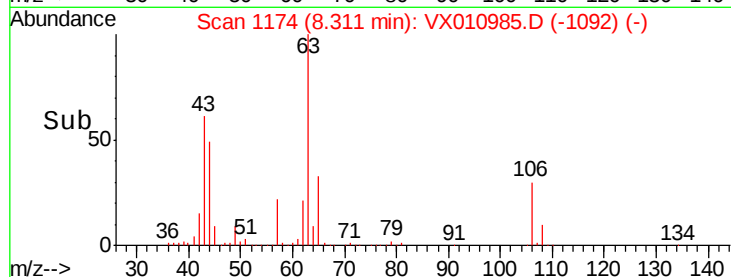
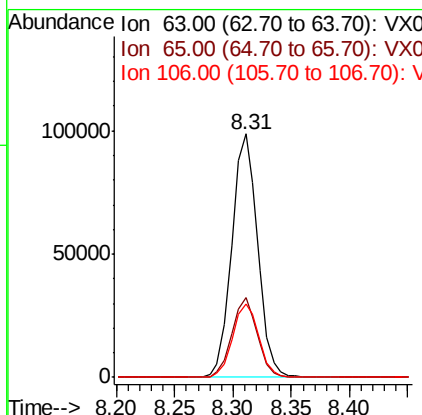
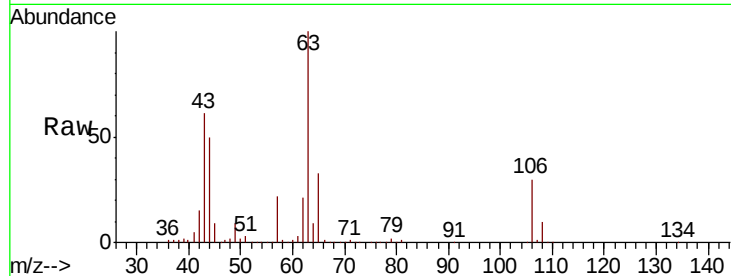




#55
2-Chloroethyl vinyl ether
Concen: 96.456 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. -0.00 min
Lab File: VX010985.D
Acq: 19 Jul 2019 02:14

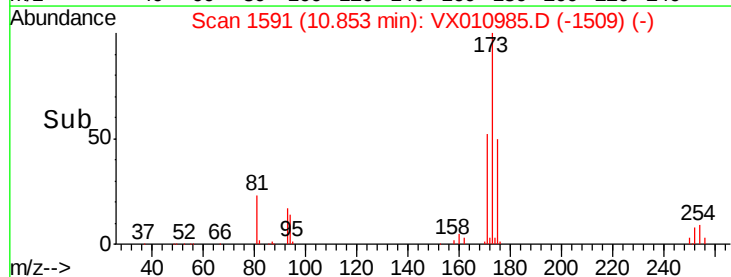
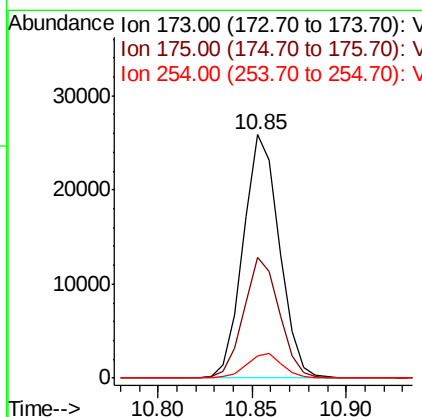
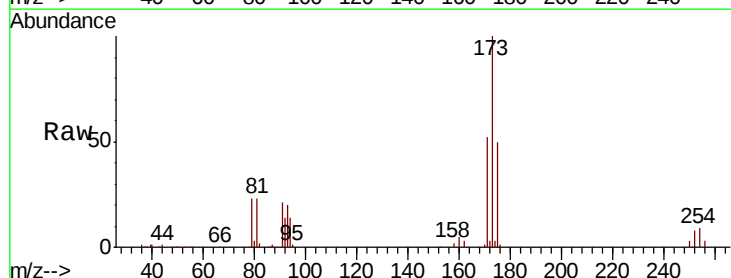
Instrument :
MSVOA_X
ClientSampleId :
VX0719WBS01

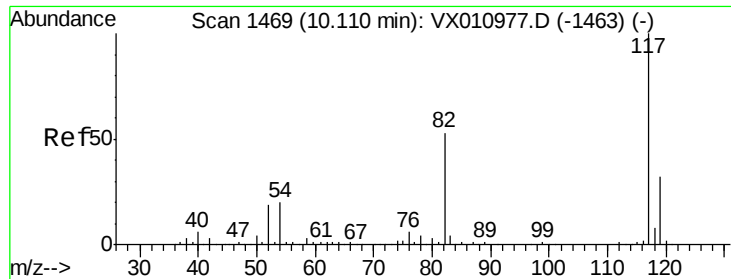
Tot Ion: 63 Resp: 153156
Ion Ratio Lower Upper
63 100
65 32.0 25.7 38.5
106 30.4 24.8 37.2



#56
Bromoform
Concen: 17.693 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX010985.D
Acq: 19 Jul 2019 02:14

Tgt Ion: 173 Resp: 34503
Ion Ratio Lower Upper
173 100
175 48.7 39.0 58.6
254 10.1 7.9 11.9

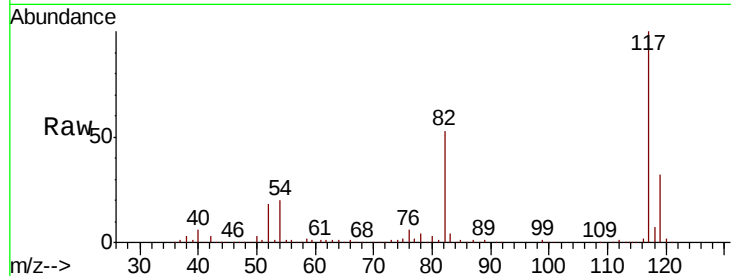




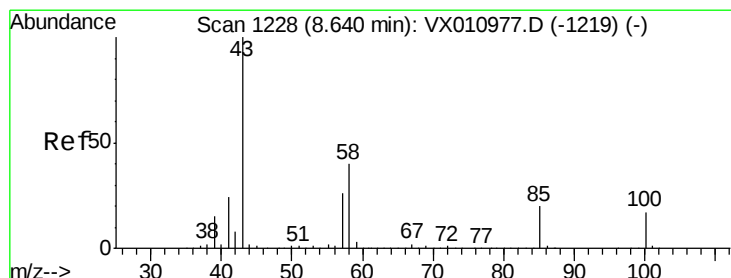
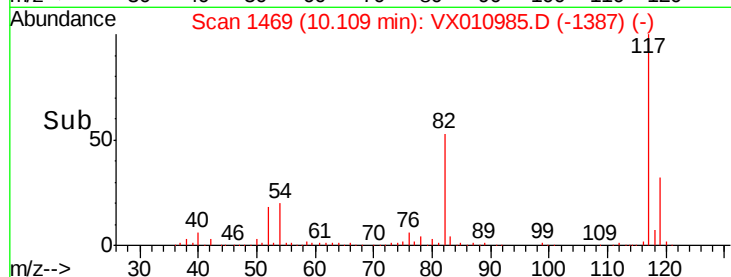
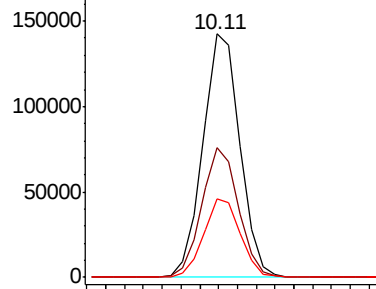
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010985.D
Acq: 19 Jul 2019 02:14

Instrument :
MSVOA_X
ClientSampleId :
VX0719WBS01

Tot Ion:117 Resp: 193382
Ion Ratio Lower Upper
117 100
82 52.9 41.6 62.4
119 32.1 26.0 39.0

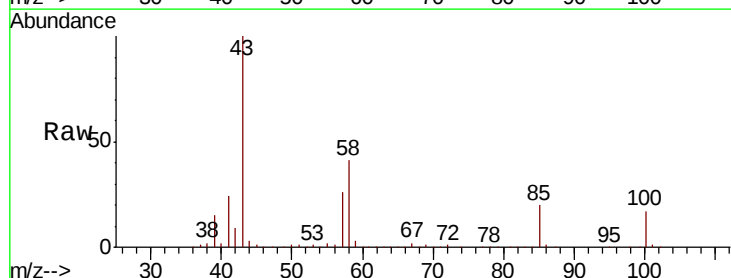


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

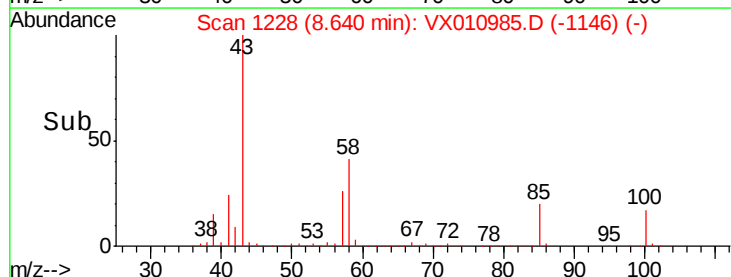
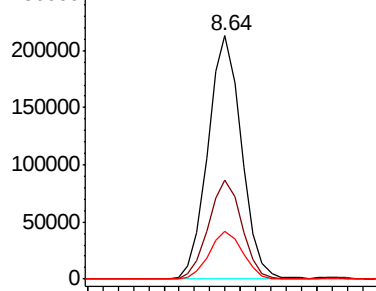


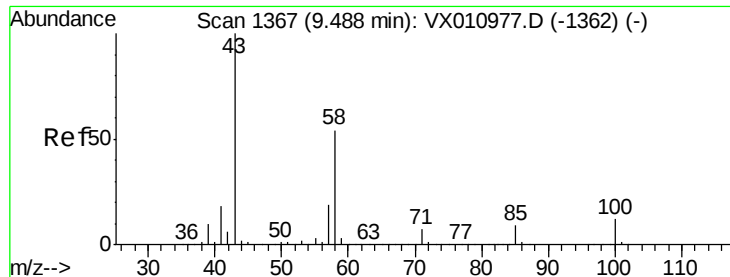
#58
4-Methyl-2-Pentanone
Concen: 99.310 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX010985.D
Acq: 19 Jul 2019 02:14

Tgt Ion: 43 Resp: 324335
Ion Ratio Lower Upper
43 100
58 40.5 32.6 48.8
85 19.8 15.8 23.6



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

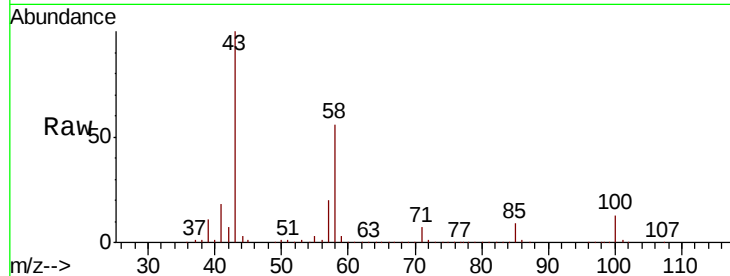




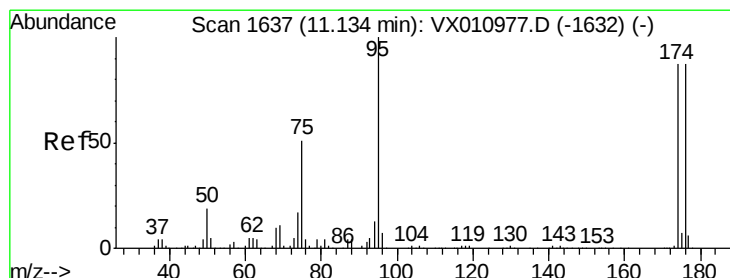
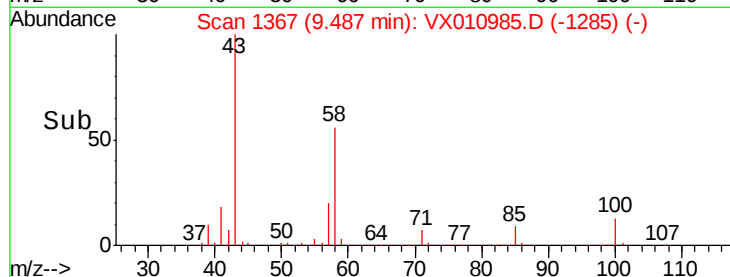
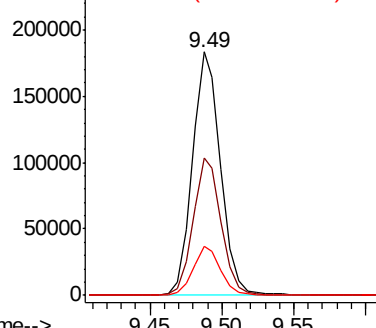
#59
2-Hexanone
Concen: 100.177 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010985.D
Acq: 19 Jul 2019 02:14

Instrument :
MSVOA_X
ClientSampleId :
VX0719WBS01

Tot Ion: 43 Resp: 250352
Ion Ratio Lower Upper
43 100
58 56.1 44.7 67.1
57 19.7 15.4 23.2

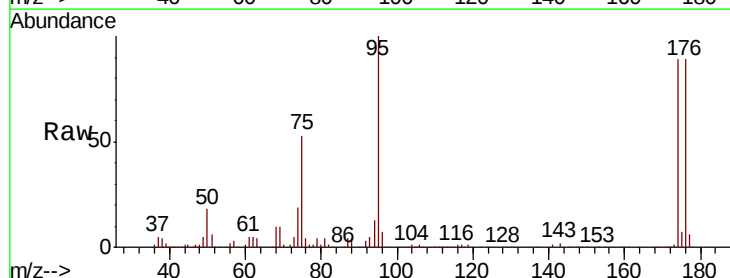


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

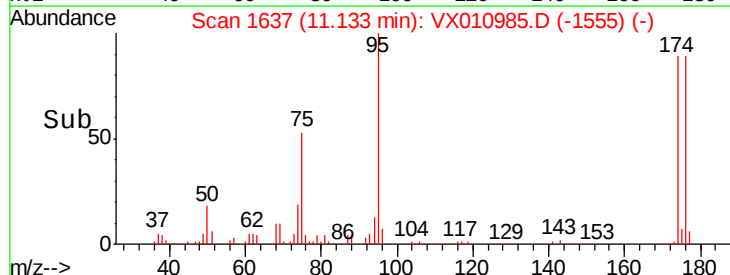
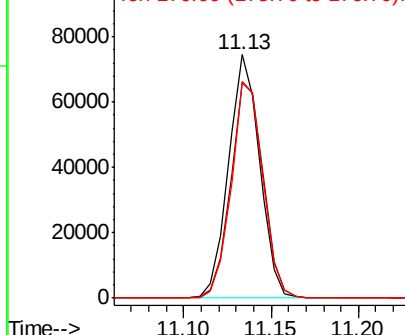


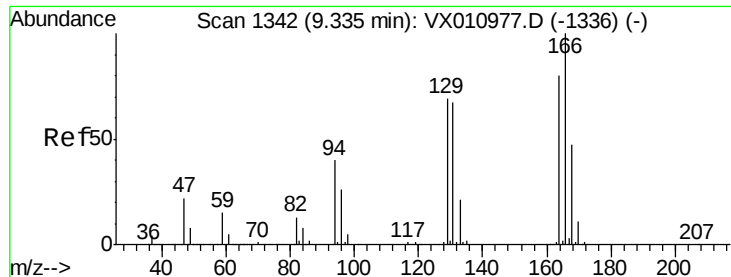
#60
4-Bromofluorobenzene
Concen: 29.035 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX010985.D
Acq: 19 Jul 2019 02:14

Tgt Ion: 95 Resp: 92413
Ion Ratio Lower Upper
95 100
174 91.9 73.3 109.9
176 90.0 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: 20.655 ug/l

RT: 9.33 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBS01

Tot Ion:164 Resp: 52739

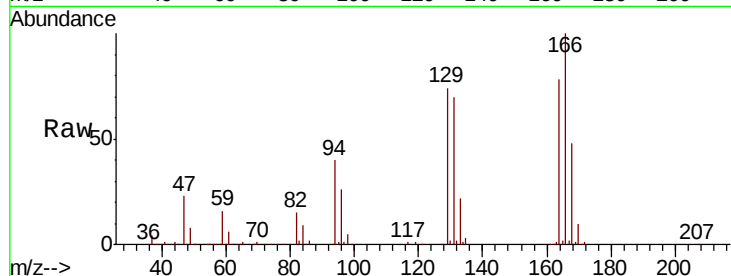
Ion Ratio Lower Upper

164 100

166 128.2 100.1 150.1

129 95.5 69.6 104.4

131 90.0 67.0 100.6

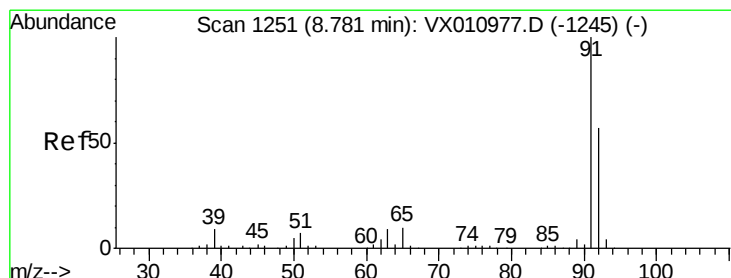
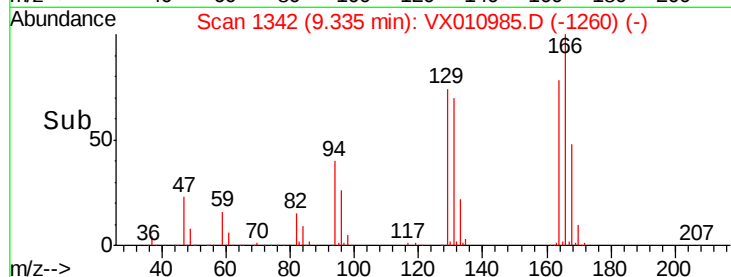
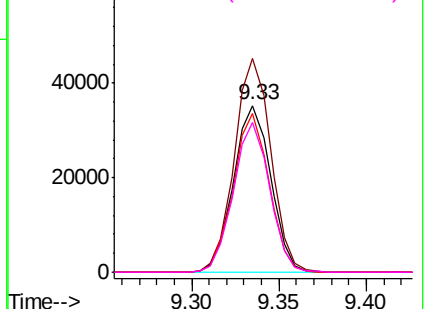


Abundance Ion 163.85 (163.55 to 164.55): V

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: 19.938 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX010985.D

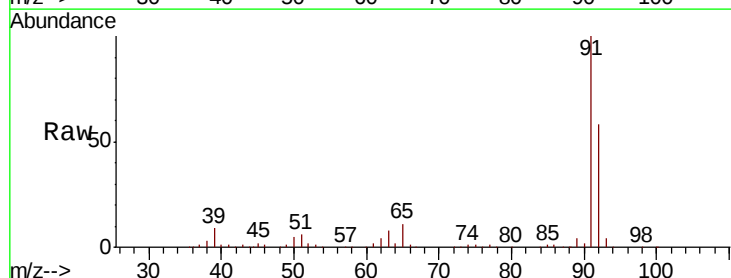
Acq: 19 Jul 2019 02:14

Tgt Ion: 91 Resp: 204826

Ion Ratio Lower Upper

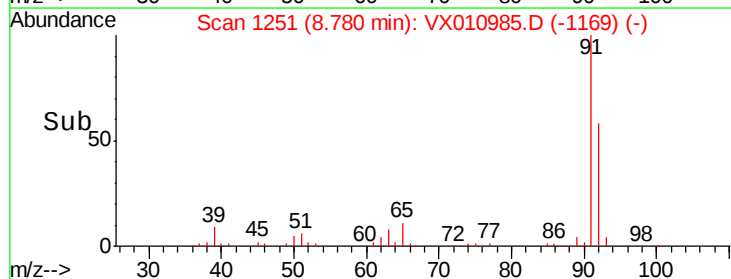
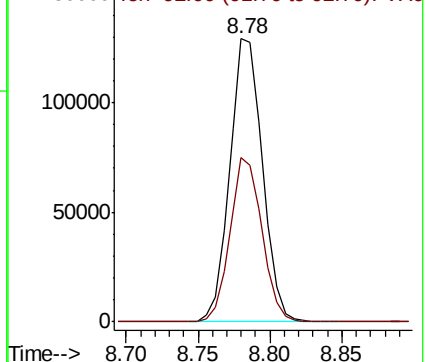
91 100

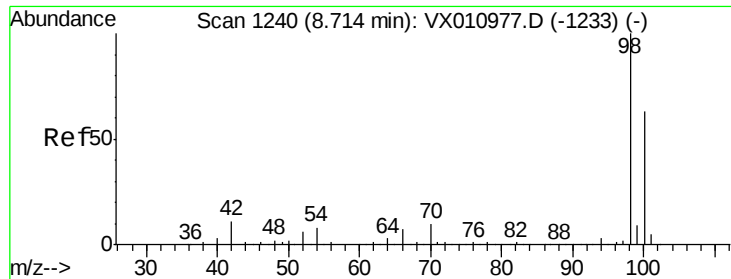
92 56.7 45.4 68.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.705 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Instrument :

MSVOA_X

ClientSampleId :

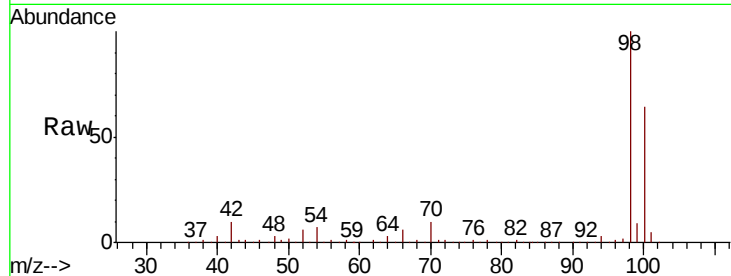
VX0719WBS01

Tot Ion: 98 Resp: 260986

Ion Ratio Lower Upper

98 100

100 63.7 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX010977.D (-1233) (-)

Ion 100.00 (99.70 to 100.70): VX010985.D (-1158) (-)

8.71

150000

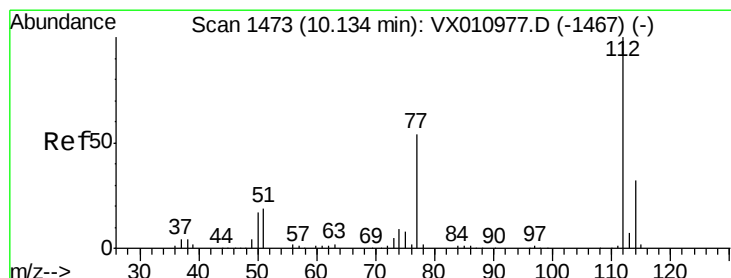
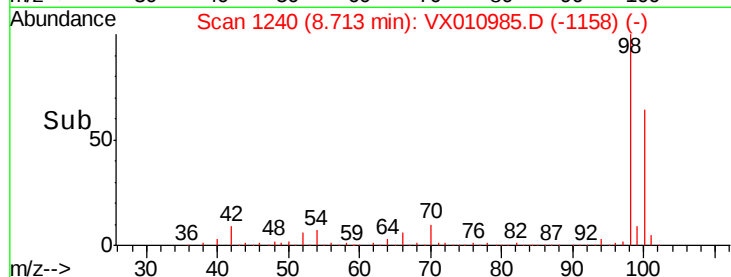
100000

50000

0

8.65 8.70 8.75 8.80

Time-->



#64

Chlorobenzene

Concen: 19.636 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX010985.D

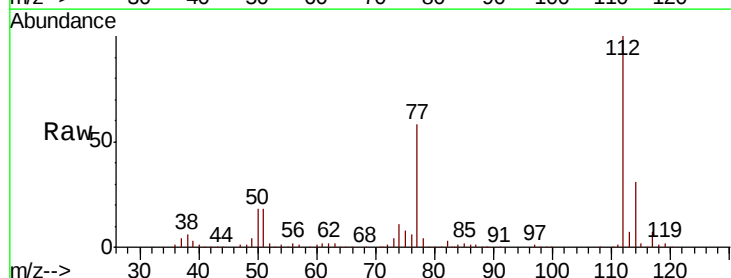
Acq: 19 Jul 2019 02:14

Tgt Ion: 112 Resp: 129245

Ion Ratio Lower Upper

112 100

114 31.5 25.3 37.9



Abundance Ion 112.00 (111.70 to 112.70): VX010977.D (-1467) (-)

Ion 114.00 (113.70 to 114.70): VX010985.D (-1391) (-)

10.13

100000

80000

60000

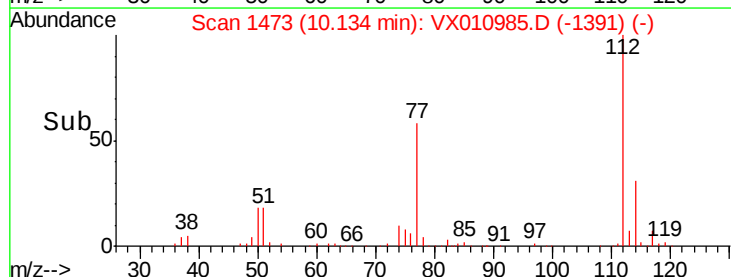
40000

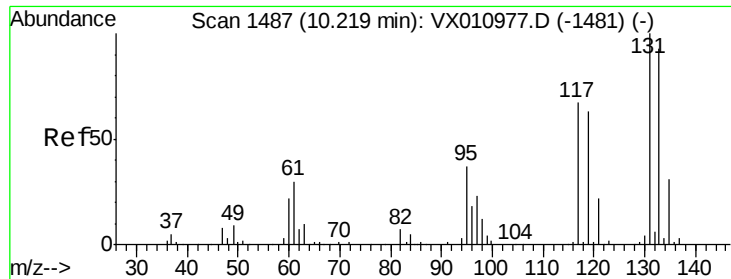
20000

0

10.10 10.15 10.20

Time-->

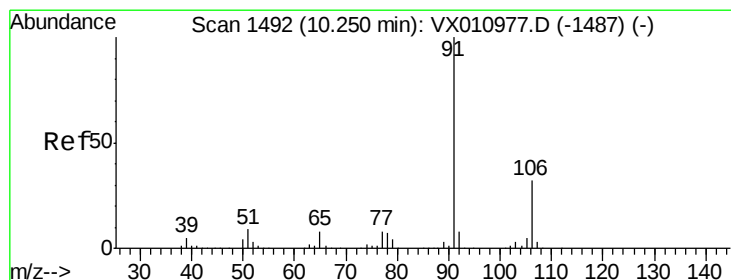
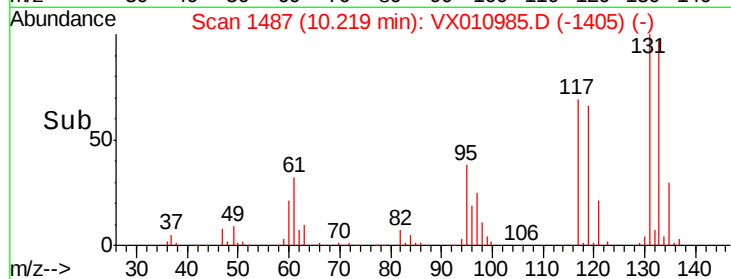
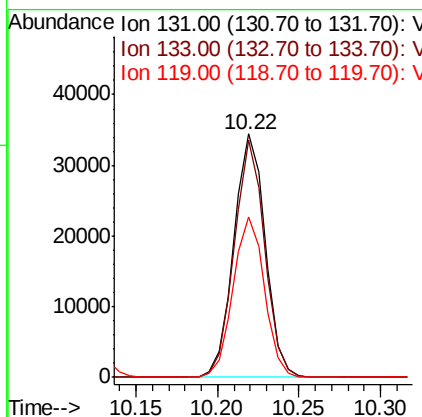
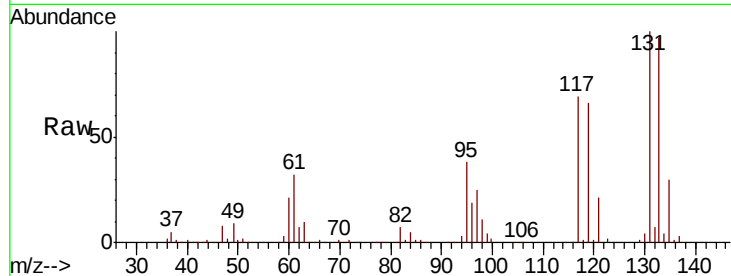




#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.371 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX010985.D
 Acq: 19 Jul 2019 02:14

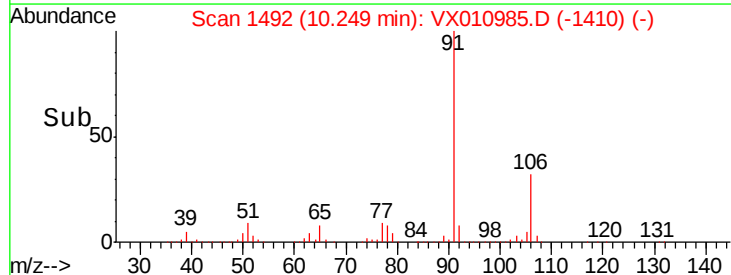
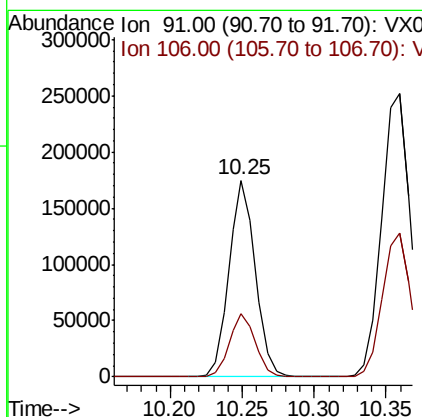
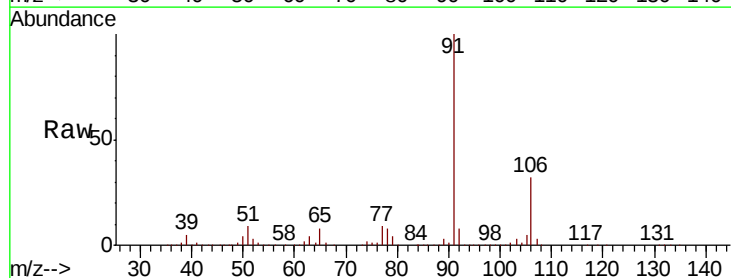
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0719WBS01

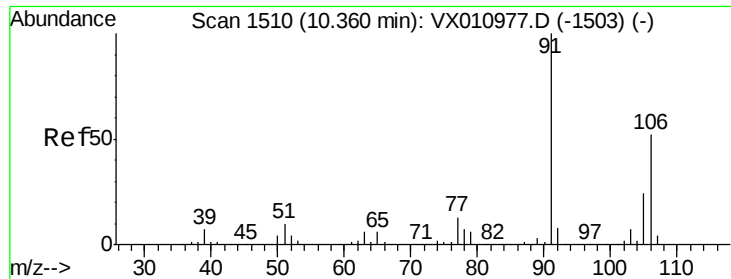
Tot Ion:131 Resp: 46338
 Ion Ratio Lower Upper
 131 100
 133 94.1 0.0 190.2
 119 65.4 0.0 127.0



#66
 Ethyl Benzene
 Concen: 19.378 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX010985.D
 Acq: 19 Jul 2019 02:14

Tgt Ion: 91 Resp: 224106
 Ion Ratio Lower Upper
 91 100
 106 31.9 25.8 38.8

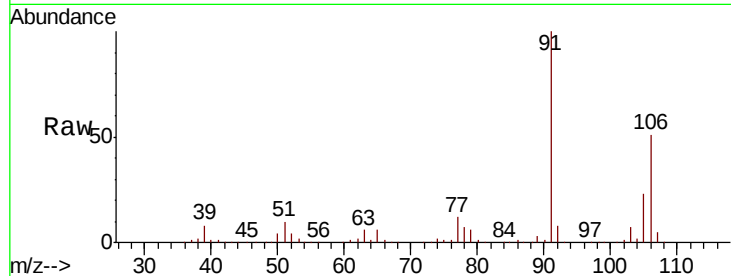




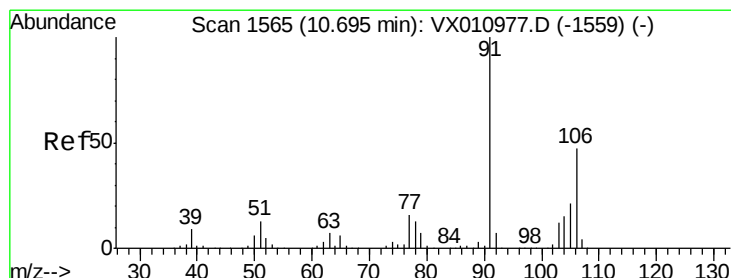
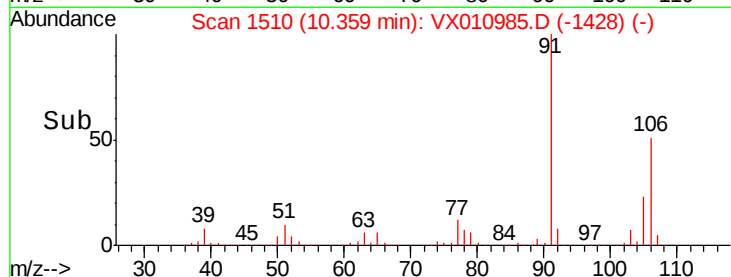
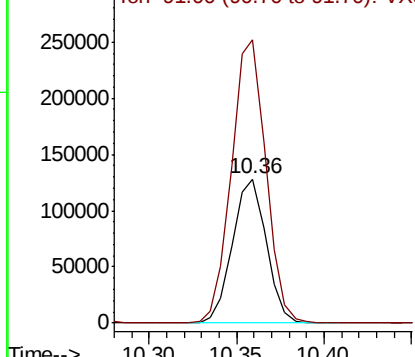
#67
m/p-Xylenes
Concen: 39.196 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010985.D
Acq: 19 Jul 2019 02:14

Instrument :
MSVOA_X
ClientSampleId :
VX0719WBS01

Tot Ion:106 Resp: 173434
Ion Ratio Lower Upper
106 100
91 199.2 156.6 235.0

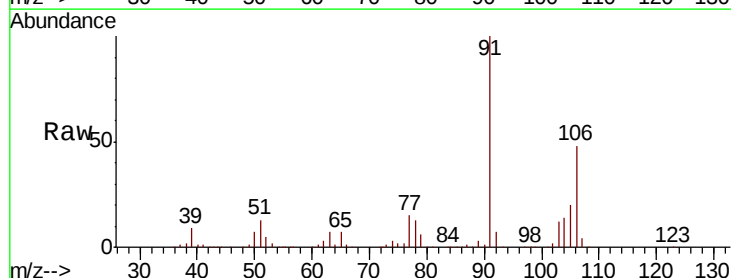


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

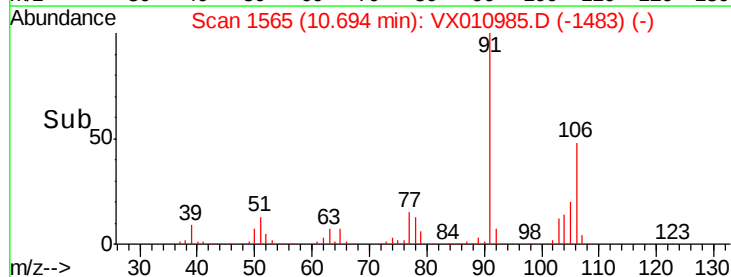
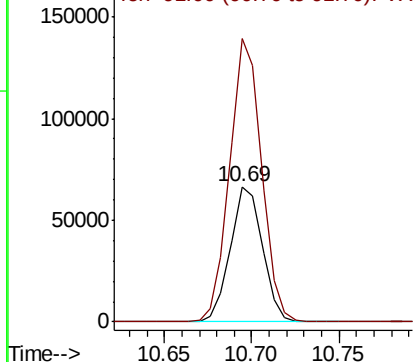


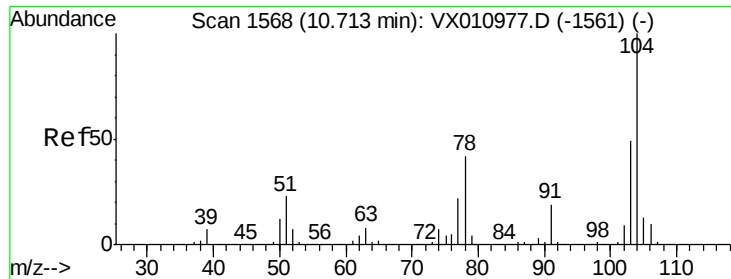
#68
o-Xylene
Concen: 19.648 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010985.D
Acq: 19 Jul 2019 02:14

Tgt Ion:106 Resp: 85185
Ion Ratio Lower Upper
106 100
91 208.1 104.0 312.0



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

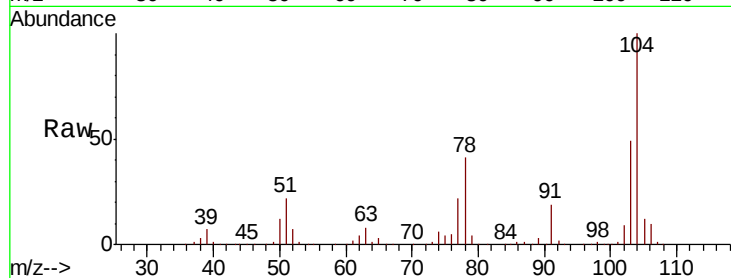




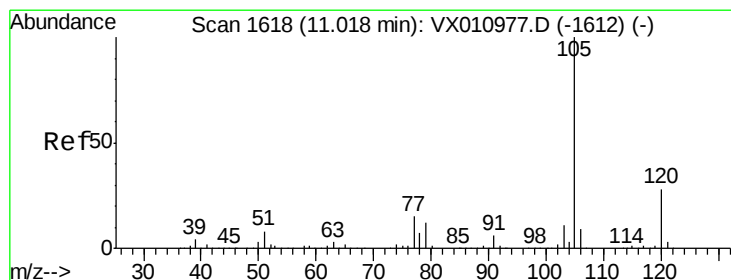
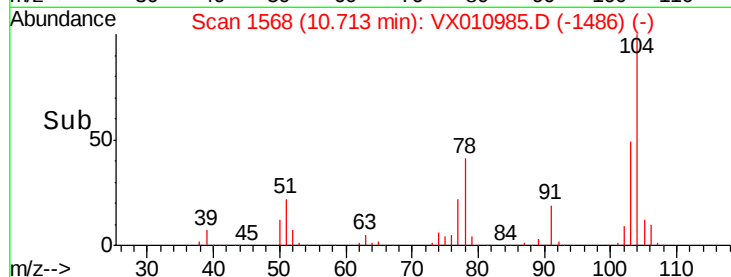
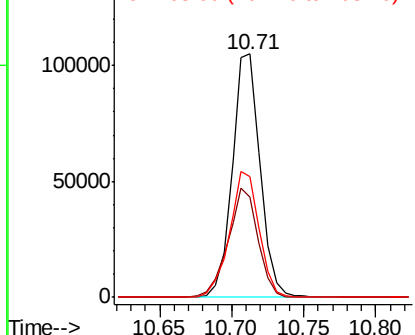
#69
Stvrene
Concen: 19.466 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010985.D
Acq: 19 Jul 2019 02:14

Instrument :
MSVOA_X
ClientSampled :
VX0719WBS01

Tot Ion:104 Resp: 141857
Ion Ratio Lower Upper
104 100
78 48.3 38.5 57.7
103 55.0 44.6 67.0

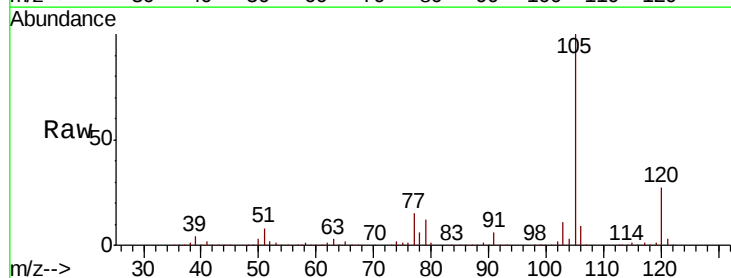


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

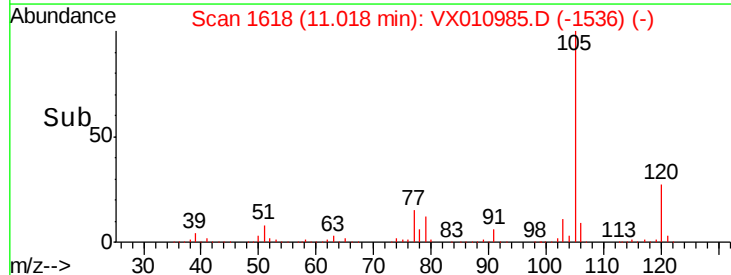
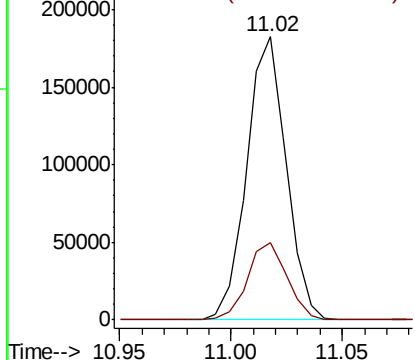


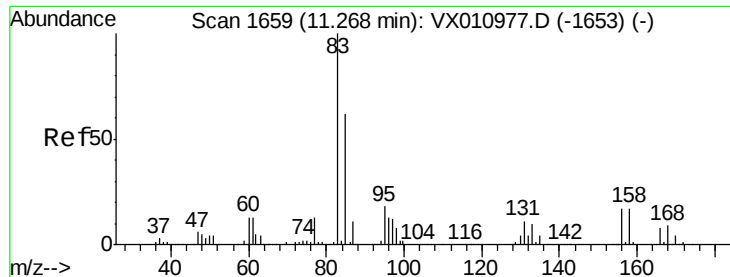
#70
Isopropylbenzene
Concen: 19.569 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX010985.D
Acq: 19 Jul 2019 02:14

Tgt Ion:105 Resp: 225926
Ion Ratio Lower Upper
105 100
120 27.4 19.4 36.0



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

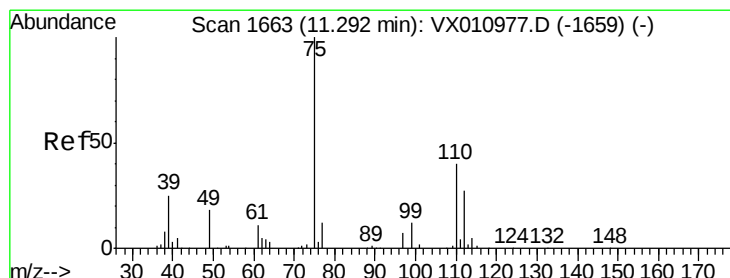
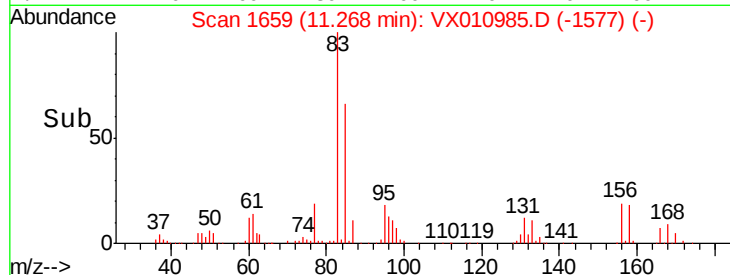
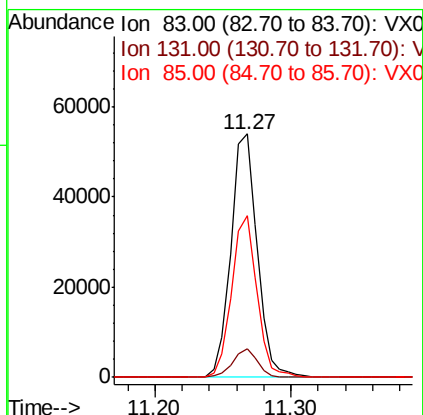
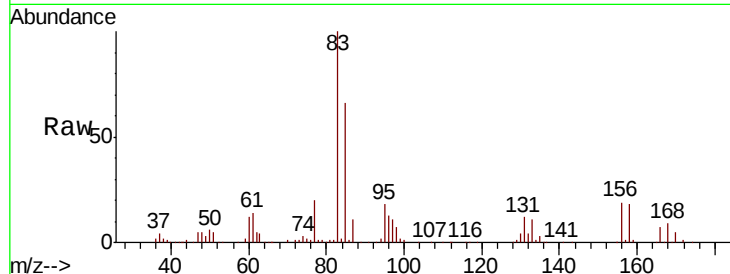




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.558 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX010985.D
 Acq: 19 Jul 2019 02:14

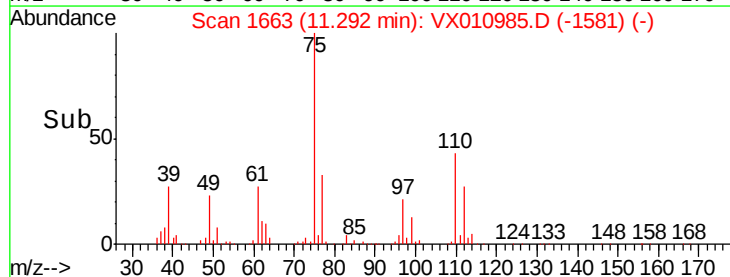
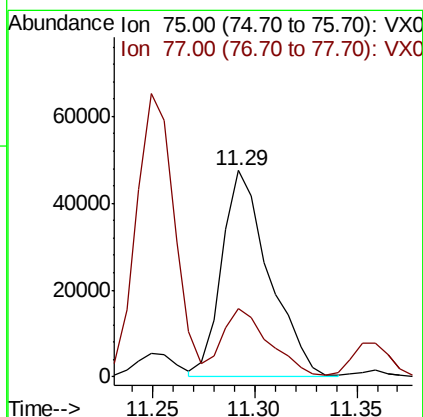
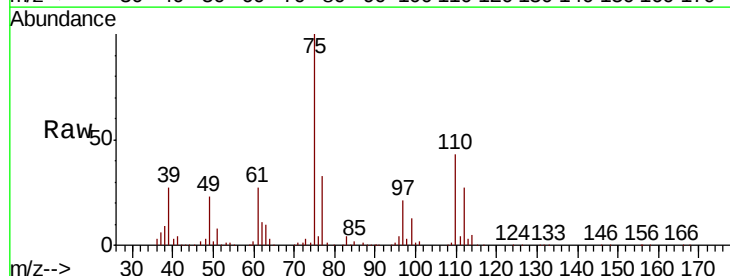
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0719WBS01

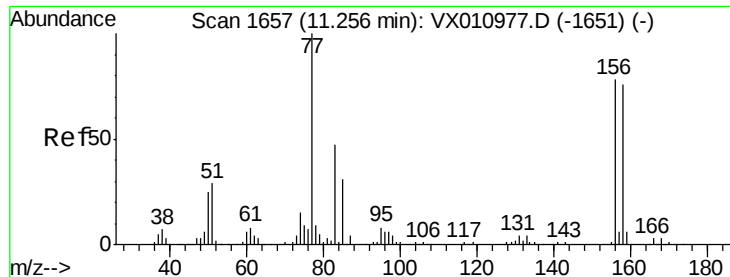
Tot Ion: 83 Resp: 72809
 Ion Ratio Lower Upper
 83 100
 131 11.1 5.5 16.4
 85 64.1 32.1 96.3



#72
 1,2,3-Trichloropropane
 Concen: 24.666 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX010985.D
 Acq: 19 Jul 2019 02:14

Tgt Ion: 75 Resp: 76642
 Ion Ratio Lower Upper
 75 100
 77 32.6 0.0 84.0





#73

Bromobenzene

Concen: 19.370 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBS01

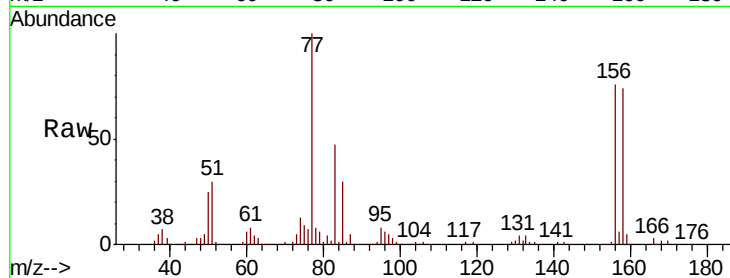
Tot Ion:156 Resp: 60335

Ion Ratio Lower Upper

156 100

77 140.2 0.0 275.8

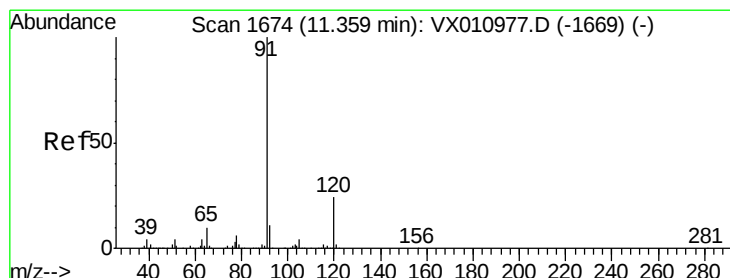
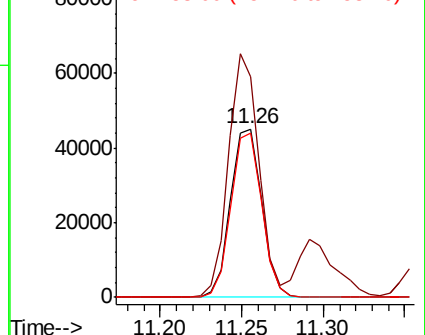
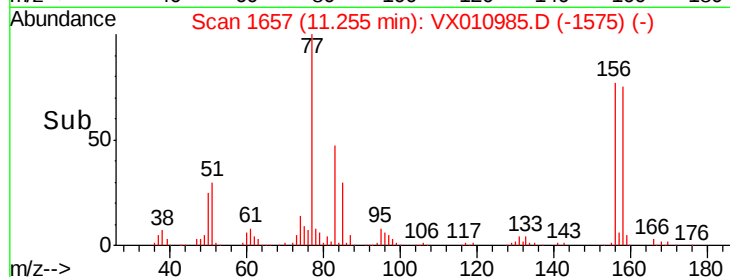
158 96.3 0.0 195.2



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: 19.273 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010985.D

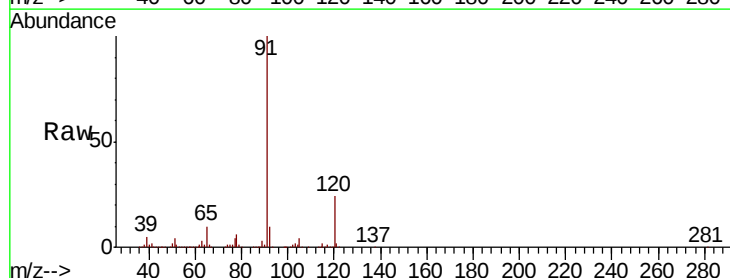
Acq: 19 Jul 2019 02:14

Tgt Ion: 91 Resp: 250422

Ion Ratio Lower Upper

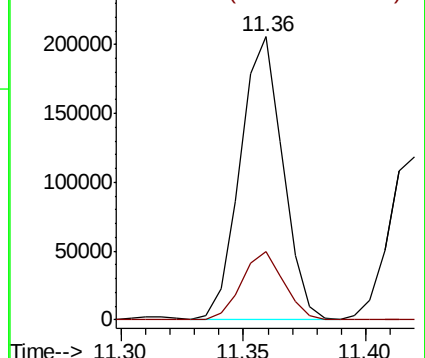
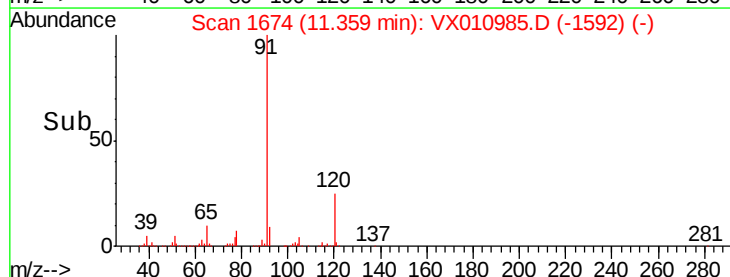
91 100

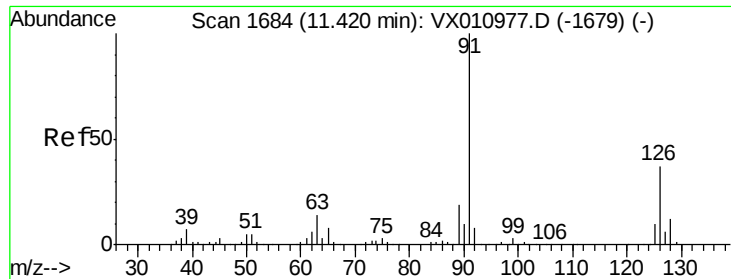
120 24.0 0.0 47.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.433 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Instrument :

MSVOA_X

ClientSampleId :

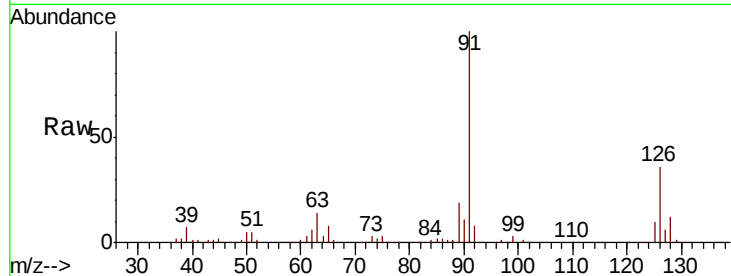
VX0719WBS01

Tot Ion: 91 Resp: 150390

Ion Ratio Lower Upper

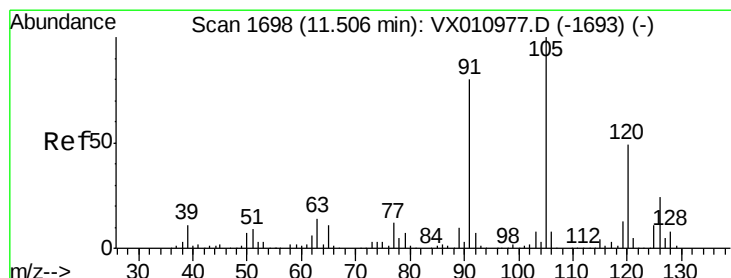
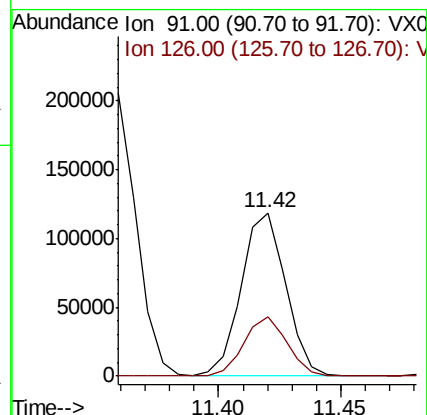
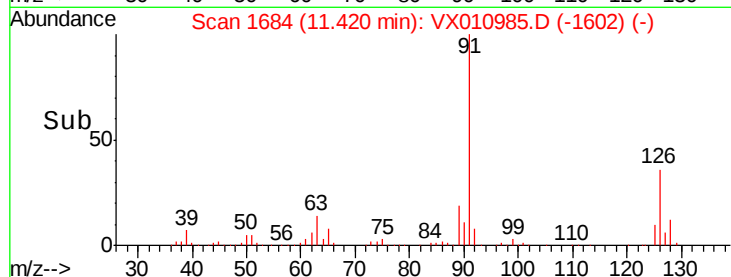
91 100

126 35.1 0.0 72.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 19.643 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010985.D

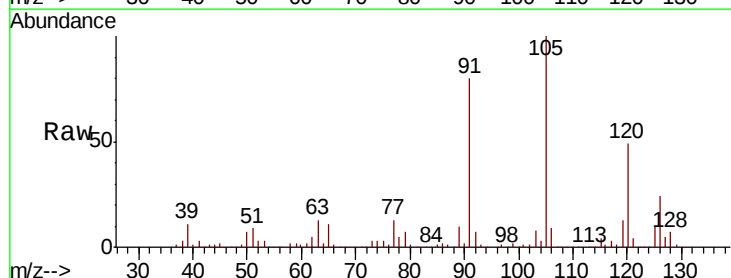
Acq: 19 Jul 2019 02:14

Tgt Ion:105 Resp: 191953

Ion Ratio Lower Upper

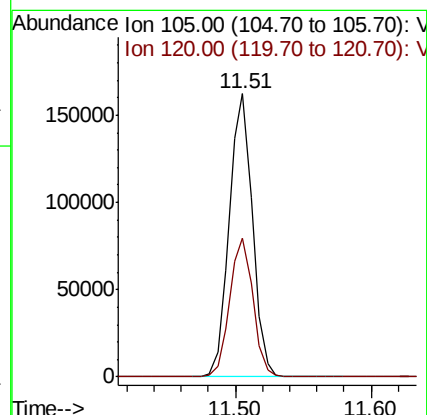
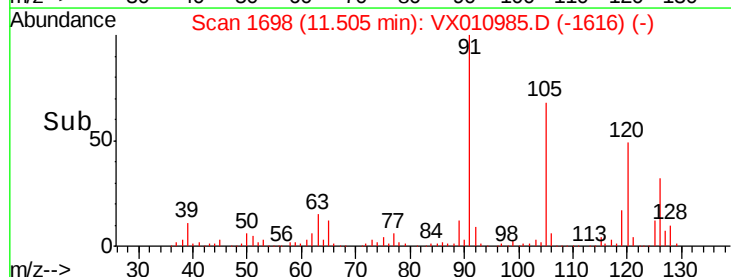
105 100

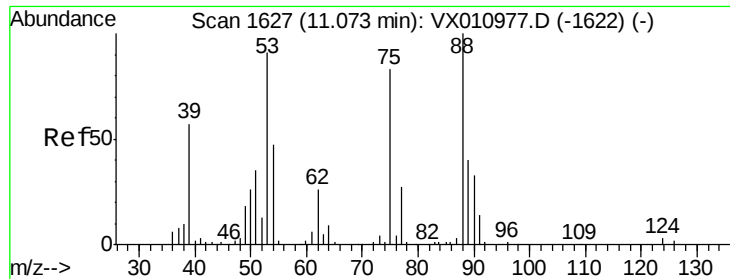
120 49.0 0.0 96.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

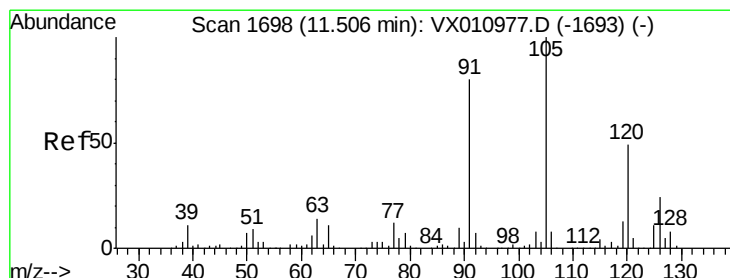
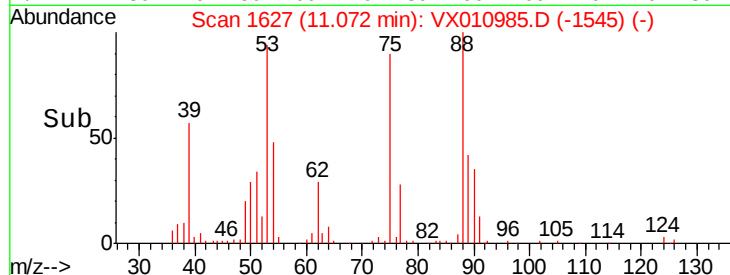
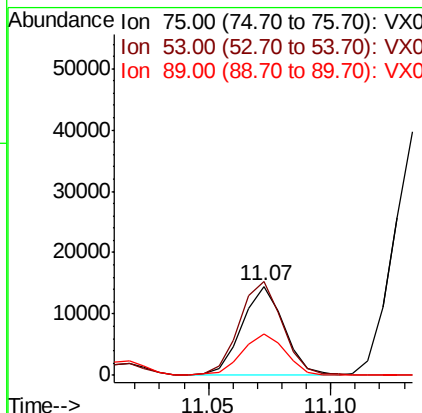
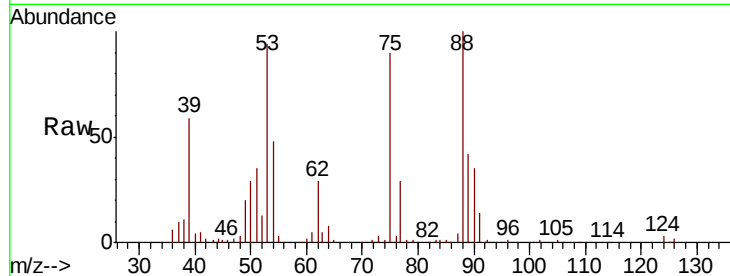




#77
 t-1,4-Dichloro-2-butene
 Concen: 17.099 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VX010985.D
 Acq: 19 Jul 2019 02:14

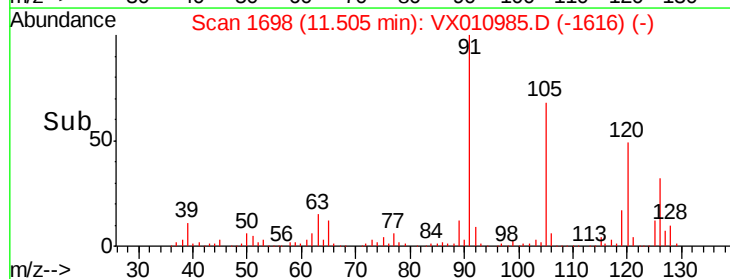
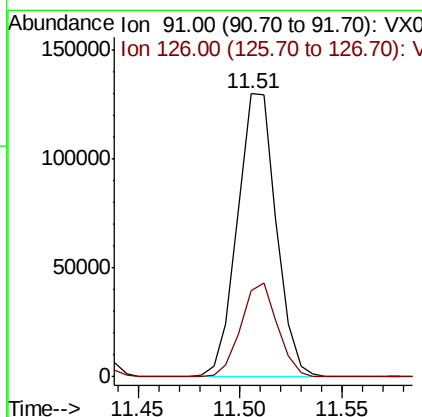
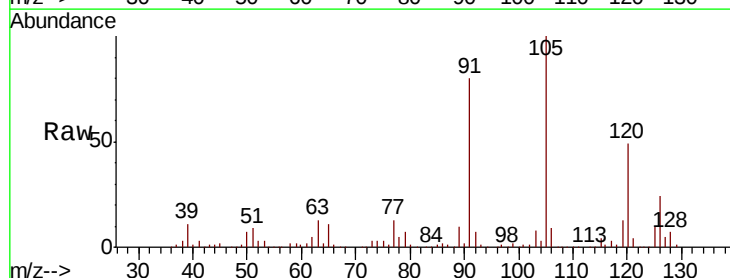
Instrument :
 MSVOA_X
 ClientSampled :
 VX0719WBS01

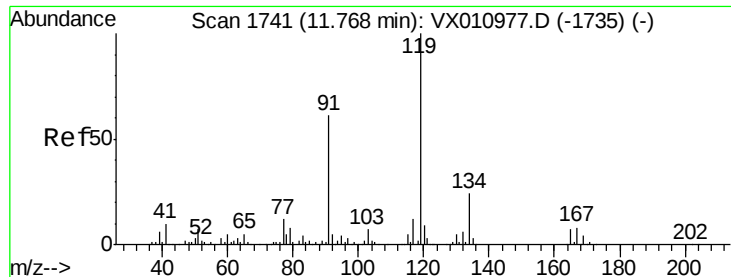
Tot Ion: 75 Resp: 17530
 Ion Ratio Lower Upper
 75 100
 53 104.1 54.8 164.3
 89 47.1 24.6 73.6



#78
 4-Chlorotoluene
 Concen: 19.322 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX010985.D
 Acq: 19 Jul 2019 02:14

Tgt Ion: 91 Resp: 171724
 Ion Ratio Lower Upper
 91 100
 126 31.2 0.0 63.6





#79

tert-butylbenzene

Concen: 19.262 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBS01

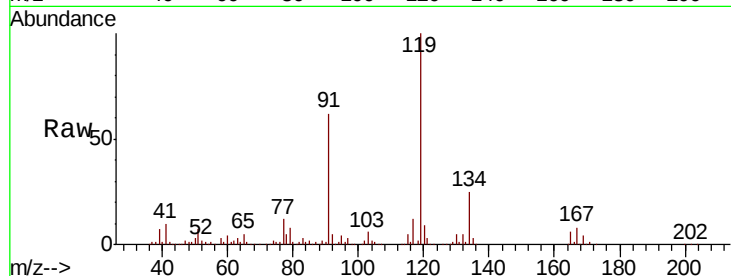
Tot Ion:119 Resp: 182582

Ion Ratio Lower Upper

119 100

91 59.0 0.0 118.4

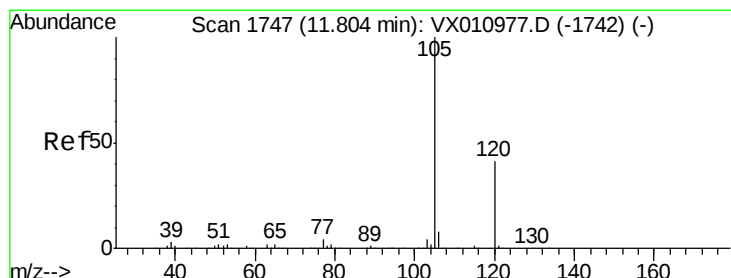
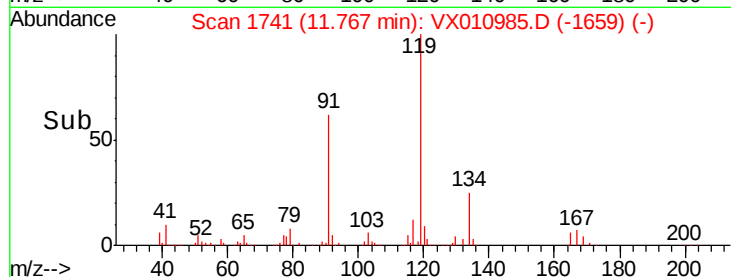
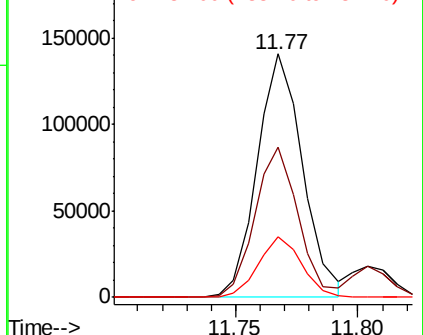
134 23.7 0.0 47.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 19.305 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX010985.D

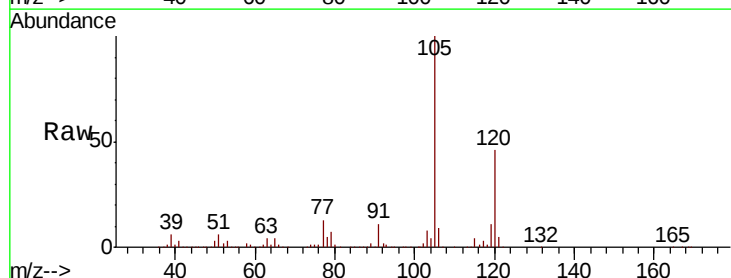
Acq: 19 Jul 2019 02:14

Tgt Ion:105 Resp: 189973

Ion Ratio Lower Upper

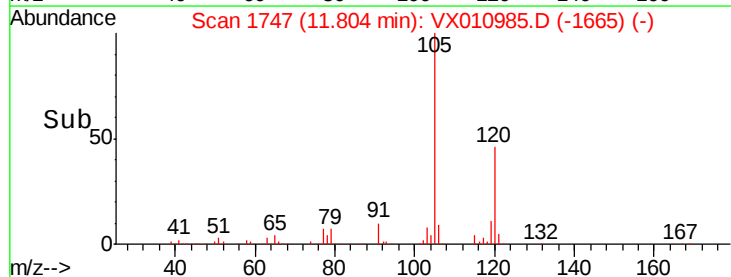
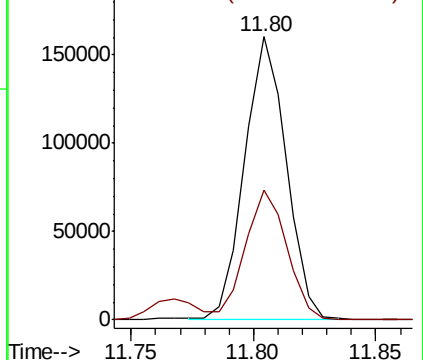
105 100

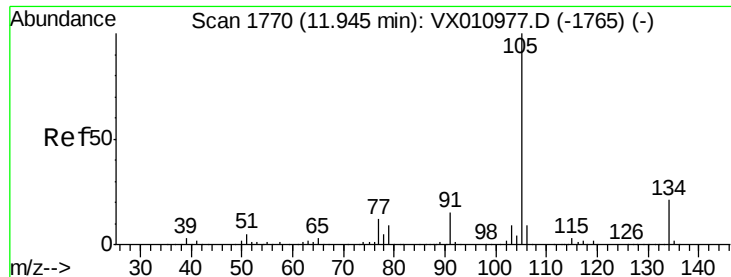
120 45.2 0.0 91.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

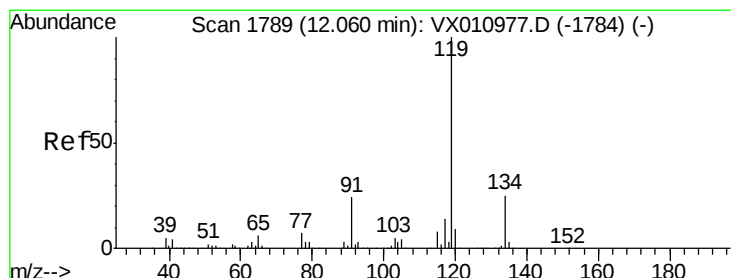
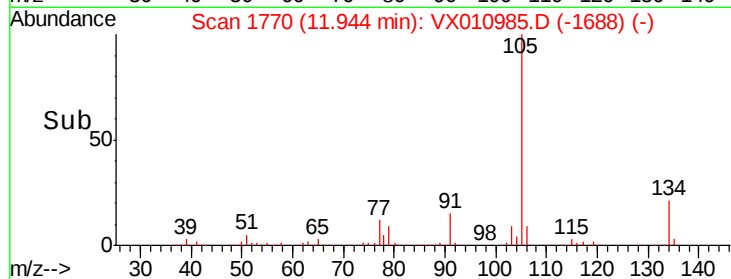
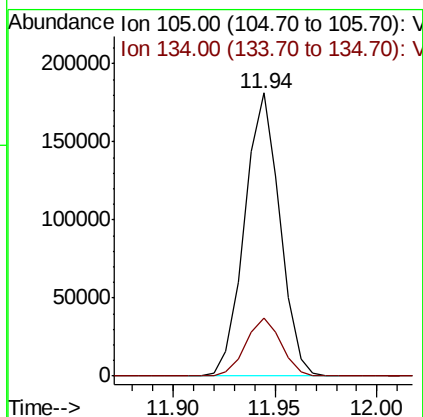
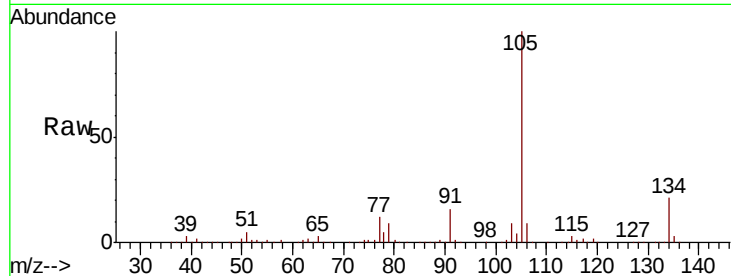




#81
 sec-Butylbenzene
 Concen: 19.483 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX010985.D
 Acq: 19 Jul 2019 02:14

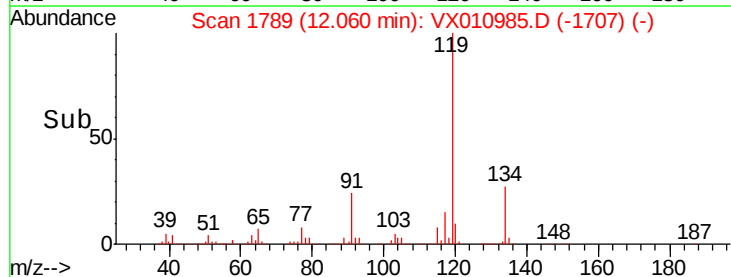
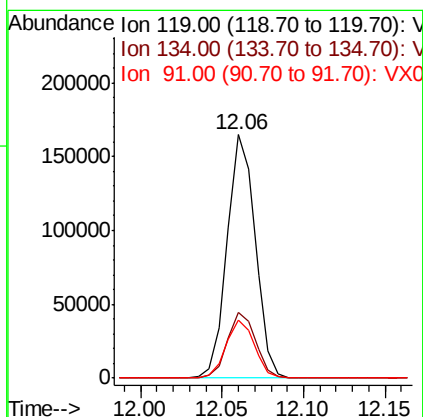
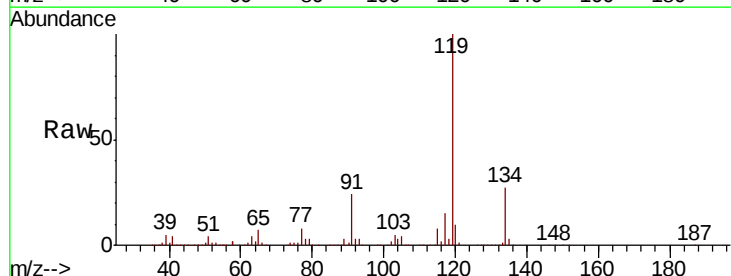
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0719WBS01

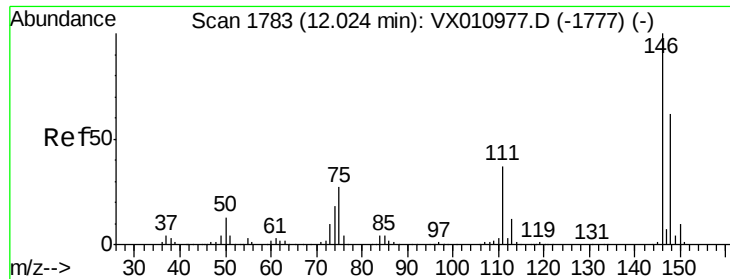
Tot Ion:105 Resp: 217691
 Ion Ratio Lower Upper
 105 100
 134 20.5 0.0 41.8



#82
 p-Isopropyltoluene
 Concen: 19.149 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX010985.D
 Acq: 19 Jul 2019 02:14

Tgt Ion:119 Resp: 198542
 Ion Ratio Lower Upper
 119 100
 134 27.0 0.0 52.8
 91 23.9 0.0 47.0

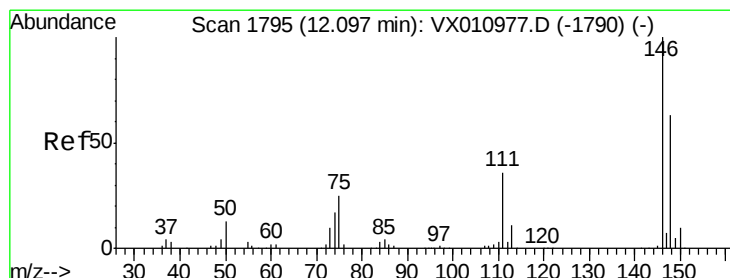
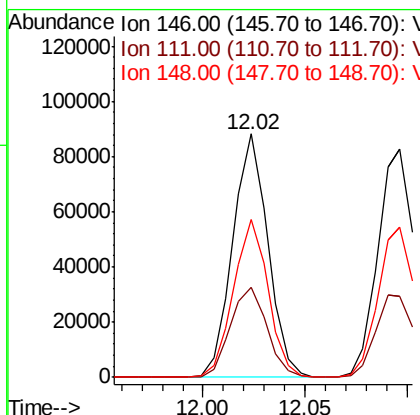
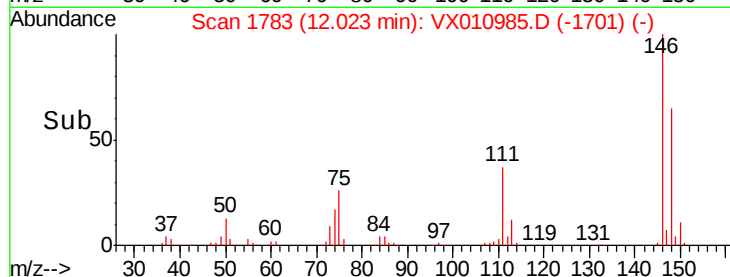
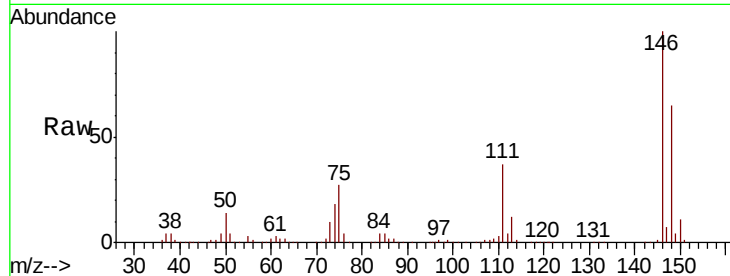




#83
 1,3-Dichlorobenzene
 Concen: 19.113 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010985.D
 Acq: 19 Jul 2019 02:14

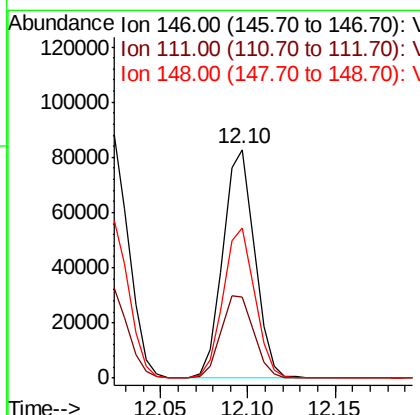
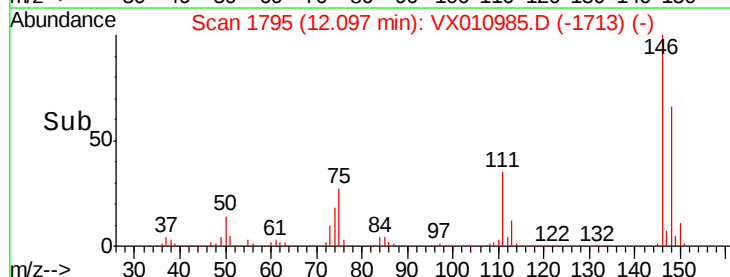
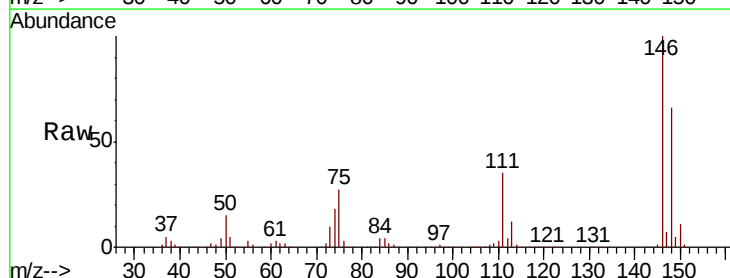
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0719WBS01

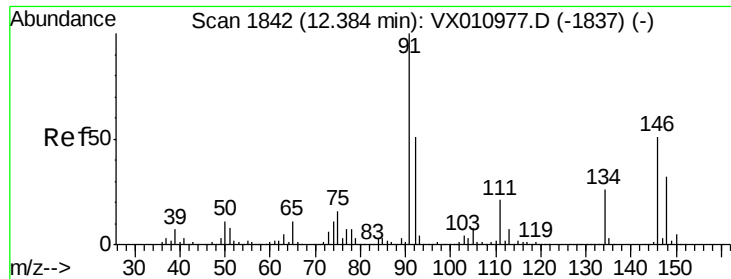
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.9	56.9
148	63.6	31.4	94.0



#84
 1,4-Dichlorobenzene
 Concen: 19.126 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010985.D
 Acq: 19 Jul 2019 02:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.5	55.5
148	65.5	32.0	96.0

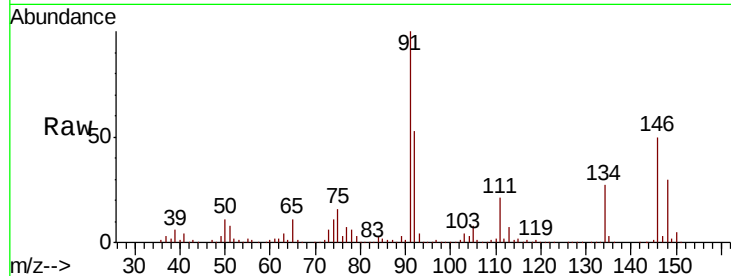




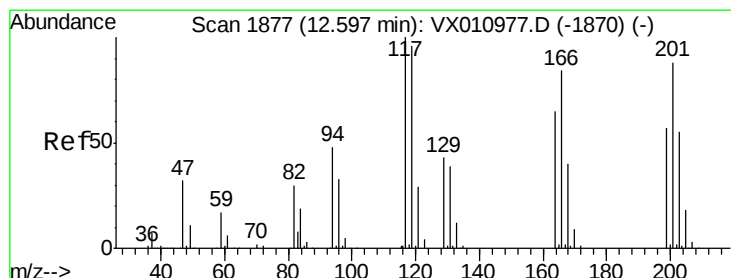
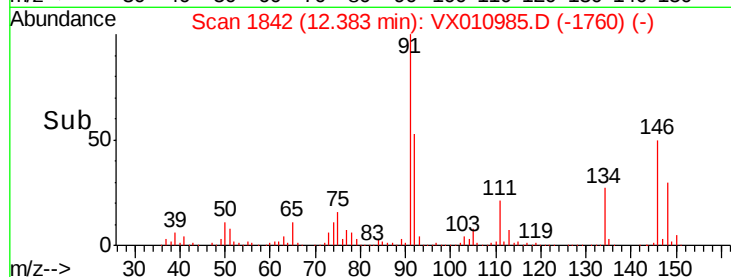
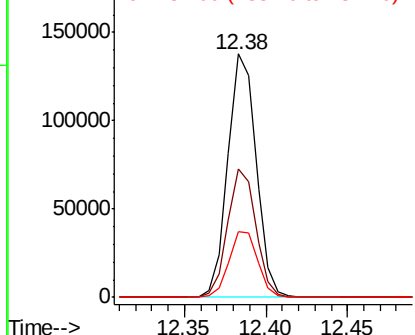
#85
n-Butylbenzene
Concen: 18.863 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010985.D
Acq: 19 Jul 2019 02:14

Instrument :
MSVOA_X
ClientSampleId :
VX0719WBS01

Tot Ion: 91 Resp: 166536
Ion Ratio Lower Upper
91 100
92 52.6 0.0 103.6
134 27.6 0.0 54.2

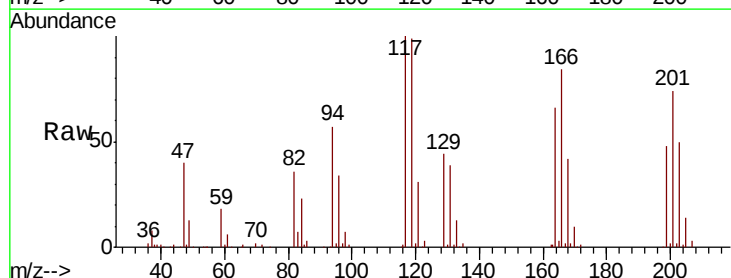


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V

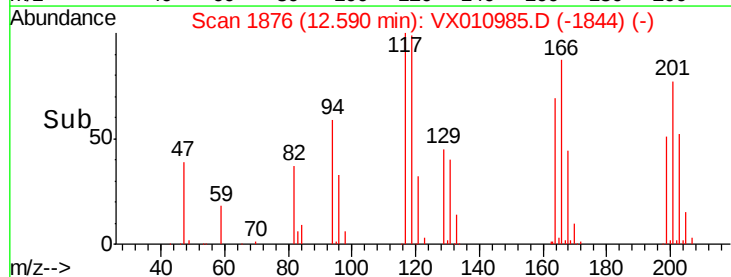
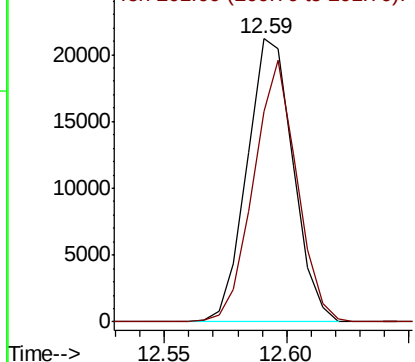


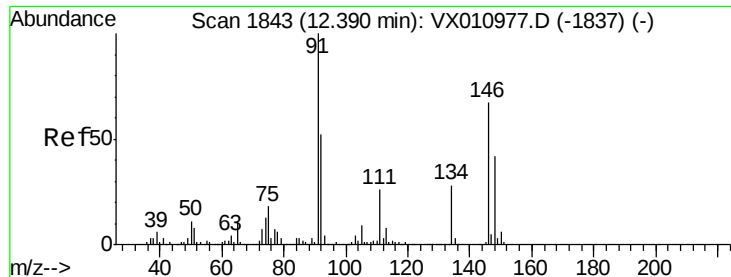
#86
Hexachloroethane
Concen: 17.119 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX010985.D
Acq: 19 Jul 2019 02:14

Tgt Ion: 117 Resp: 27993
Ion Ratio Lower Upper
117 100
201 86.5 42.1 126.3



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 201.00 (200.70 to 201.70): V





#87

1,2-Dichlorobenzene

Concen: 19.832 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Instrument :

MSVOA_X

ClientSampled :

VX0719WBS01

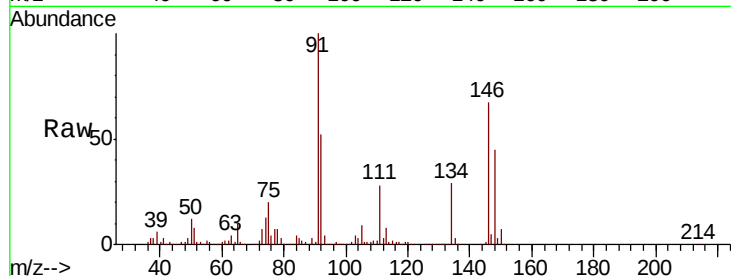
Tot Ion:146 Resp: 106773

Ion Ratio Lower Upper

146 100

111 40.2 19.5 58.5

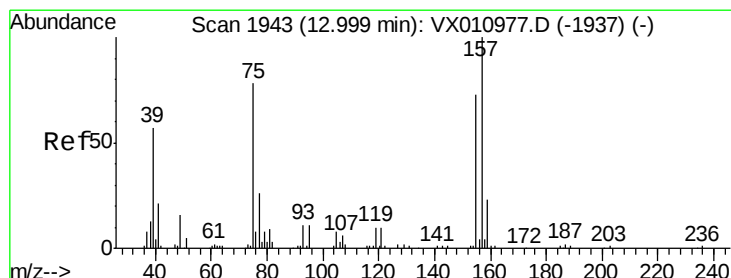
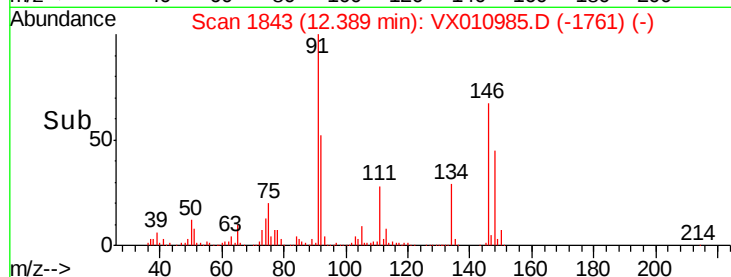
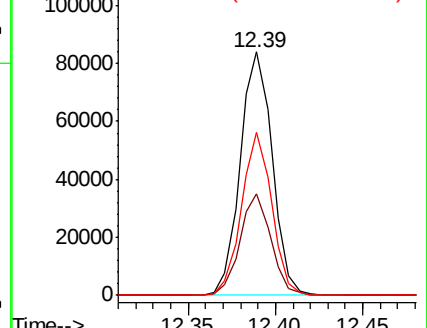
148 63.1 31.5 94.5



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.809 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

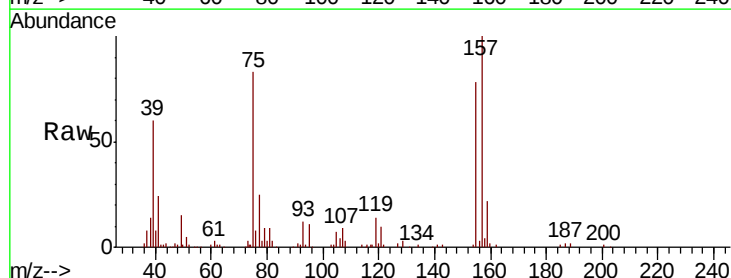
Tgt Ion: 75 Resp: 15415

Ion Ratio Lower Upper

75 100

155 96.0 76.6 115.0

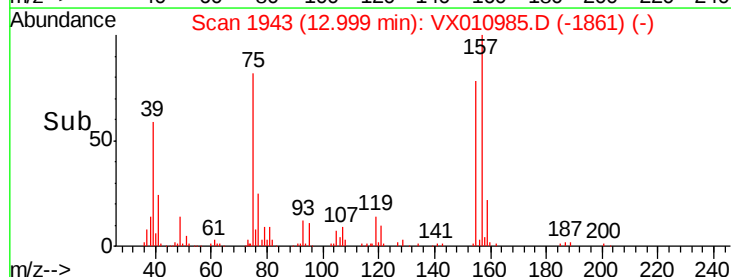
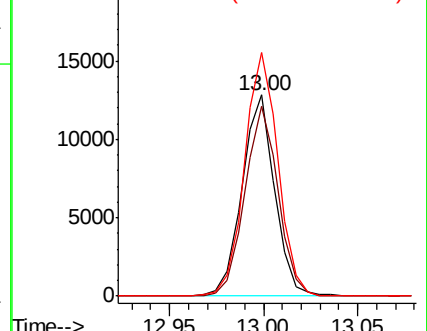
157 123.3 101.0 151.4

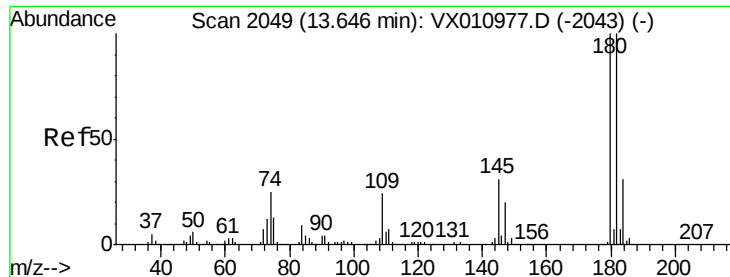


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

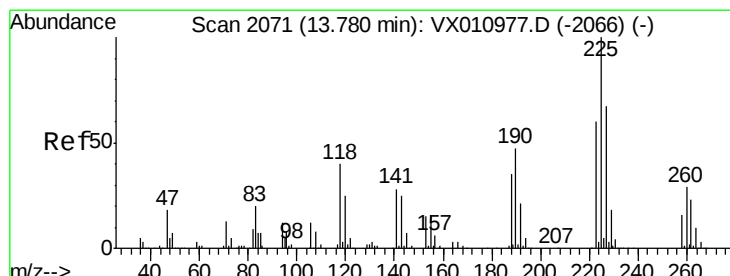
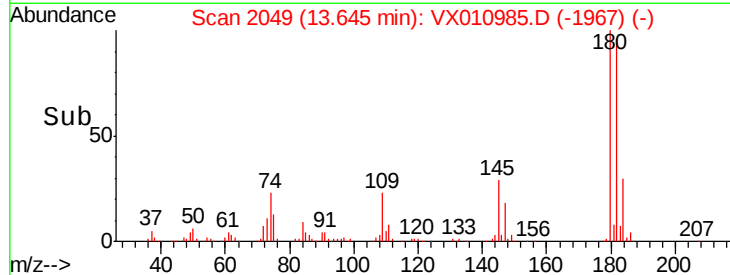
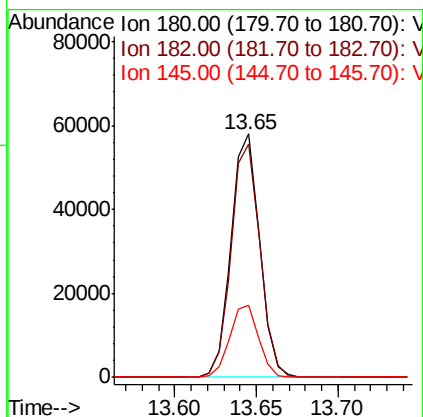
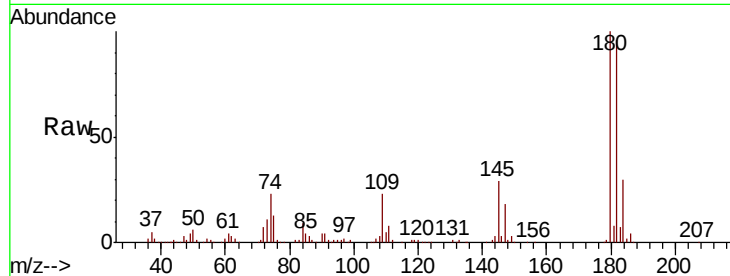




#89
 1,2,4-Trichlorobenzene
 Concen: 19.037 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010985.D
 Acq: 19 Jul 2019 02:14

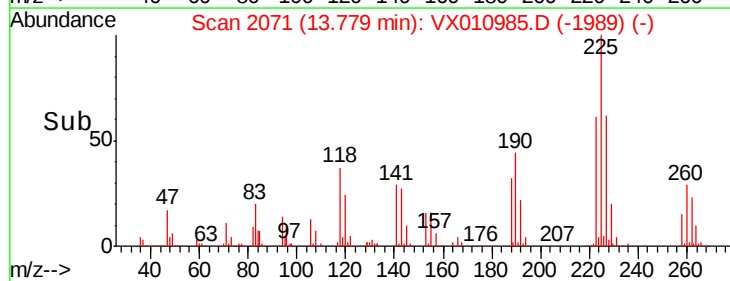
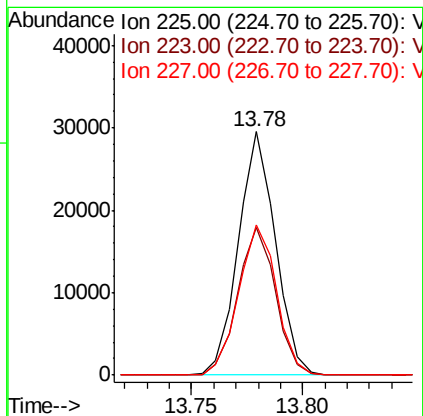
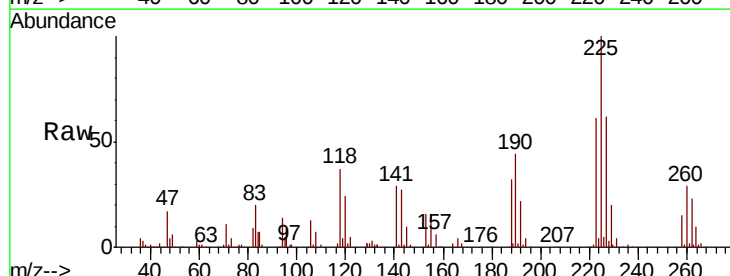
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0719WBS01

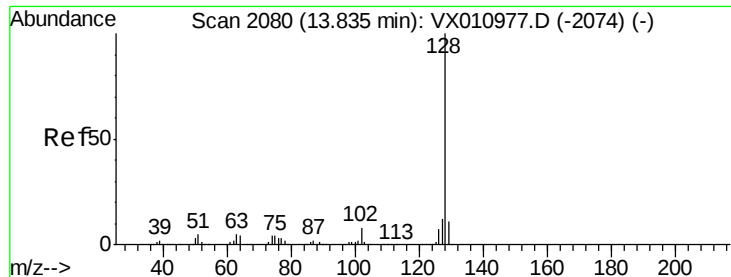
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	77.6	116.4
145	30.0	23.8	35.6



#90
 Hexachlorobutadiene
 Concen: 19.095 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010985.D
 Acq: 19 Jul 2019 02:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	0.0	121.4
227	63.1	0.0	126.6

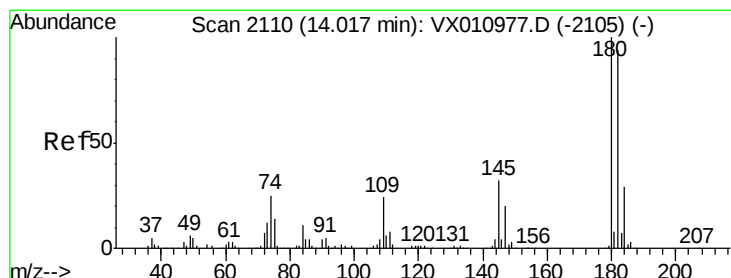
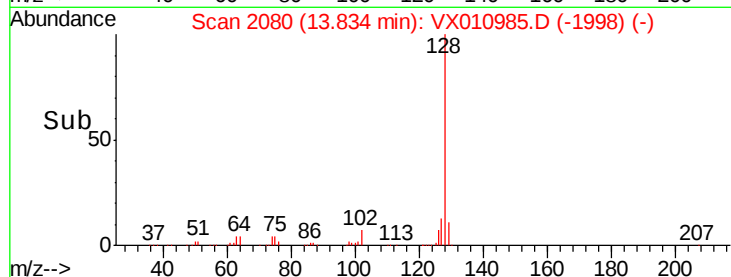
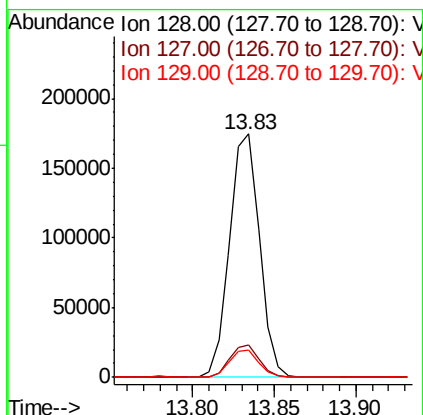
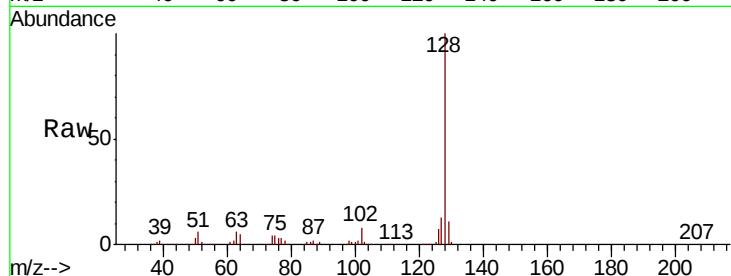




#91
Naphthalene
Concen: 19.744 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010985.D
Acq: 19 Jul 2019 02:14

Instrument :
MSVOA_X
ClientSampleId :
VX0719WBS01

Tot Ion:128 Resp: 223718
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.2
129 11.0 8.5 12.7



#92
1,2,3-Trichlorobenzene
Concen: 19.738 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX010985.D
Acq: 19 Jul 2019 02:14

Tgt Ion:180 Resp: 73465
Ion Ratio Lower Upper
180 100
182 95.2 0.0 190.2
145 30.5 0.0 63.8

