

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062419\
 Data File : VX010403.D
 Acq On : 24 Jun 2019 11:21
 Operator : JC/SP
 Sample : VX0624WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0624WBS01

Quant Time: Jun 25 03:35:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	292590	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	423432	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	382373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	198071	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	137125	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
35) Dibromofluoromethane	5.49	113	136272	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	
50) Toluene-d8	8.71	98	522677	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	
62) 4-Bromofluorobenzene	11.13	95	185060	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	40984	20.148	ug/l	100
3) Chloromethane	1.33	50	44533	18.801	ug/l	96
4) Vinyl Chloride	1.41	62	48160	18.563	ug/l	98
5) Bromomethane	1.64	94	26156	20.694	ug/l	99
6) Chloroethane	1.72	64	30999	20.252	ug/l	95
7) Trichlorofluoromethane	1.93	101	83958	20.414	ug/l	99
8) Diethyl Ether	2.19	74	29199	19.797	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	50725	20.352	ug/l	97
10) Methyl Iodide	2.51	142	57566	16.184	ug/l	99
11) Tert butyl alcohol	3.04	59	67268	93.709	ug/l	98
12) 1,1-Dichloroethene	2.37	96	48896	19.280	ug/l	97
13) Acrolein	2.29	56	36755	77.185	ug/l	99
14) Allyl chloride	2.73	41	72301	20.081	ug/l	99
15) Acrylonitrile	3.14	53	139710	98.302	ug/l	99
16) Acetone	2.44	43	141085	102.617	ug/l	97
17) Carbon Disulfide	2.57	76	128233	18.847	ug/l	99
18) Methyl Acetate	2.78	43	54075	19.734	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	161985	20.303	ug/l	100
20) Methylene Chloride	2.85	84	56715	20.045	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	54527	19.991	ug/l	95
22) Diisopropyl ether	3.85	45	151434	20.116	ug/l	94
23) Vinyl Acetate	3.81	43	665636	102.353	ug/l	99
24) 1,1-Dichloroethane	3.70	63	86717	19.929	ug/l	99
25) 2-Butanone	4.67	43	200184	99.260	ug/l	100
26) 2,2-Dichloropropane	4.58	77	78272	20.707	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	63925	20.281	ug/l	99
28) Bromochloromethane	5.01	49	35524	17.075	ug/l	100
29) Tetrahydrofuran	5.12	42	117049	93.700	ug/l	97
30) Chloroform	5.21	83	94629	20.212	ug/l	96
31) Cyclohexane	5.58	56	79731	20.121	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	85143	20.595	ug/l	99
36) 1,1-Dichloropropene	5.80	75	68824	20.454	ug/l	99
37) Ethyl Acetate	4.83	43	70932	20.491	ug/l	98
38) Carbon Tetrachloride	5.78	117	76242	20.925	ug/l	99

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Quant Time: Jun 25 03:35:42 2019
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	93541	21.149	ug/l	96
40) Benzene	6.14	78	218607	20.853	ug/l	100
41) Methacrylonitrile	5.04	41	37187	19.579	ug/l	94
42) 1,2-Dichloroethane	6.19	62	68521	21.473	ug/l	100
43) Isopropyl Acetate	6.44	43	118024	20.608	ug/l	100
44) Trichloroethene	7.21	130	65267	20.807	ug/l	99
45) 1,2-Dichloropropane	7.51	63	54743	20.679	ug/l	99
46) Dibromomethane	7.66	93	39200	20.639	ug/l	99
47) Bromodichloromethane	7.89	83	73967	21.250	ug/l	98
48) Methyl methacrylate	7.76	41	55031	20.672	ug/l	99
49) 1,4-Dioxane	7.74	88	31668	412.951	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	371676	101.471	ug/l	100
52) Toluene	8.78	92	144849	20.982	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	80428	20.610	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	89531	21.112	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	60324	21.188	ug/l	97
56) Ethyl methacrylate	9.18	69	88005	20.404	ug/l	99
57) 1,3-Dichloropropane	9.37	76	92747	20.985	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	206954	101.033	ug/l	99
59) 2-Hexanone	9.49	43	297537	103.211	ug/l	99
60) Dibromochloromethane	9.58	129	66106	20.737	ug/l	99
61) 1,2-Dibromoethane	9.67	107	63542	20.677	ug/l	99
64) Tetrachloroethene	9.34	164	65956	21.326	ug/l	98
65) Chlorobenzene	10.13	112	163997	21.126	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	60803	21.503	ug/l	99
67) Ethyl Benzene	10.25	91	277545	21.178	ug/l	99
68) m/p-Xylenes	10.35	106	214981	42.335	ug/l	99
69) o-Xylene	10.69	106	105325	21.091	ug/l	98
70) Styrene	10.71	104	179731	21.461	ug/l	99
71) Bromoform	10.85	173	51361	20.887	ug/l #	99
73) Isopropylbenzene	11.02	105	281706	20.981	ug/l	99
74) N-amyl acetate	10.90	43	104140	20.523	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	89574	20.144	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	100098	27.733	ug/l	82
77) Bromobenzene	11.25	156	76595	20.430	ug/l	99
78) n-propylbenzene	11.36	91	310796	21.061	ug/l	100
79) 2-Chlorotoluene	11.42	91	182768	20.799	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	233001	21.050	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	30310	19.591	ug/l	98
82) 4-Chlorotoluene	11.51	91	209236	20.926	ug/l	99
83) tert-Butylbenzene	11.77	119	235065	21.159	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	235240	21.153	ug/l	99
85) sec-Butylbenzene	11.94	105	276521	21.199	ug/l	99
86) p-Isopropyltoluene	12.06	119	256913	21.293	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	136950	20.926	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	135453	20.331	ug/l	99
89) n-Butylbenzene	12.38	91	218047	21.267	ug/l	100
90) Hexachloroethane	12.59	117	44498	21.329	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	134849	20.732	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18699	19.504	ug/l	97

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

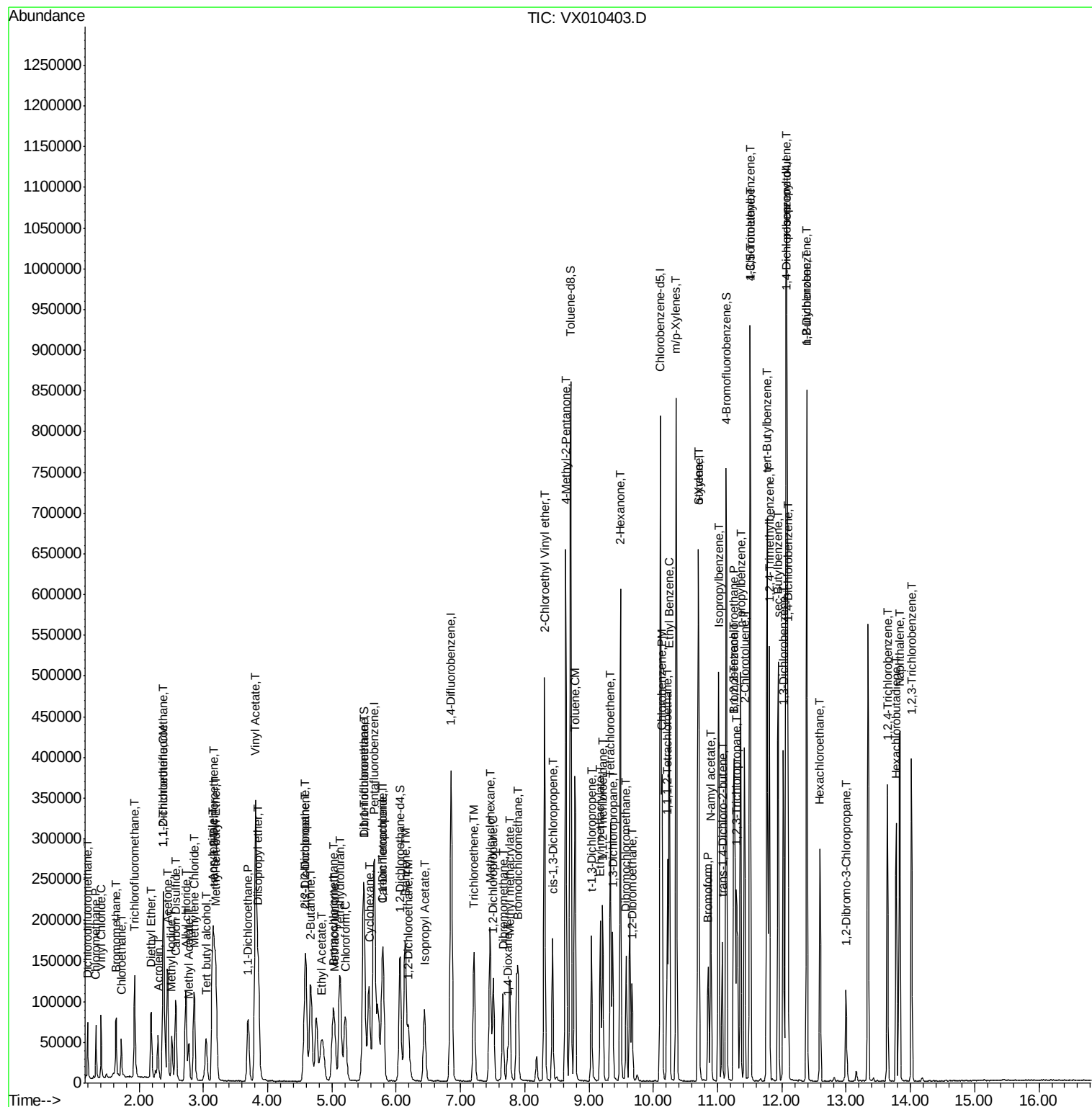
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	94885	21.036	ug/l	99
94) Hexachlorobutadiene	13.78	225	45901	20.822	ug/l	97
95) Naphthalene	13.83	128	285364	20.587	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	96067	21.421	ug/l	100

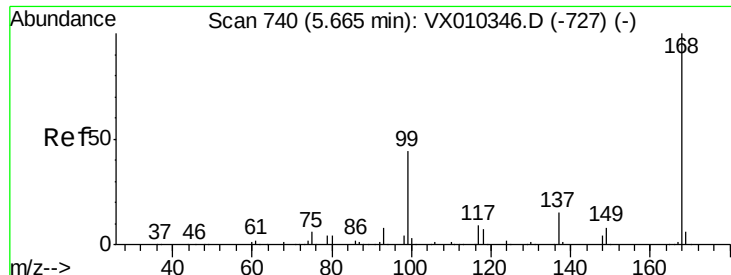
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Data File : VX010403.D
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 Sample : VX0624WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 Client Sampled :
 VX0624WBS01

Quant Time: Jun 25 03:35:42 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010403.D

Acq: 24 Jun 2019 11:21

Instrument :

MSVOA_X

ClientSampleId :

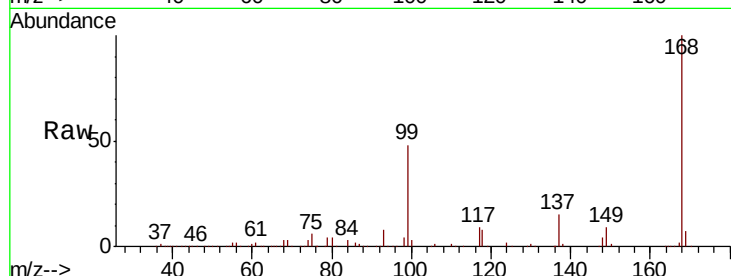
VX0624WBS01

Tot Ion:168 Resp: 292590

Ion Ratio Lower Upper

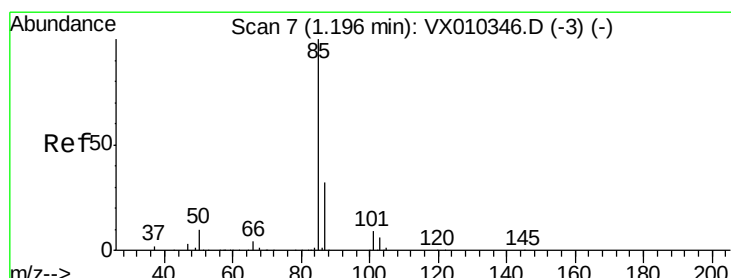
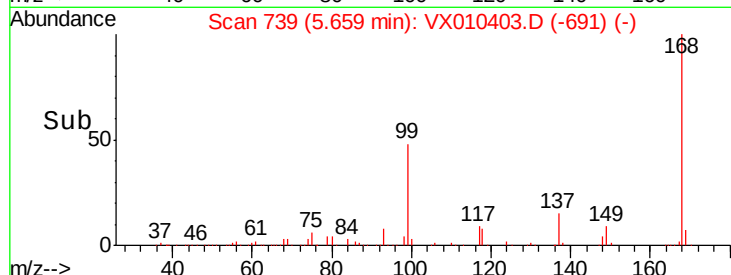
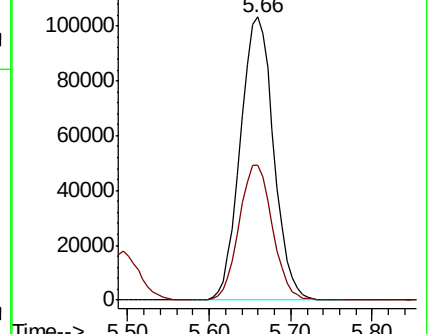
168 100

99 47.5 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.148 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010403.D

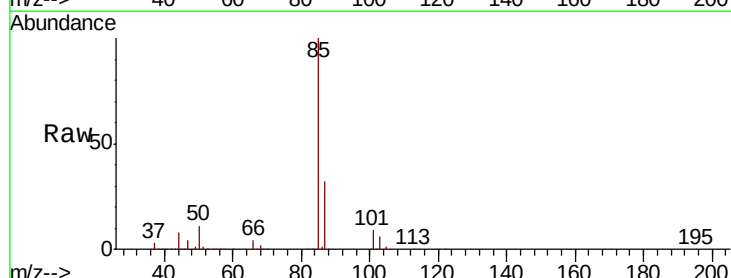
Acq: 24 Jun 2019 11:21

Tgt Ion: 85 Resp: 40984

Ion Ratio Lower Upper

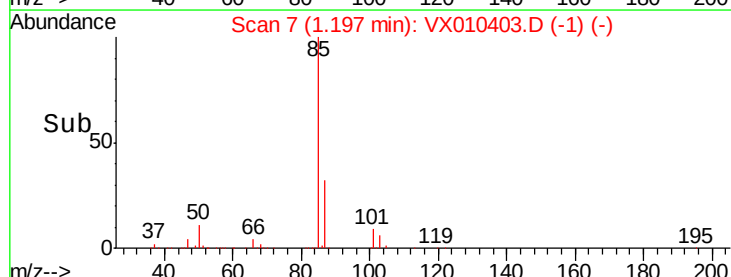
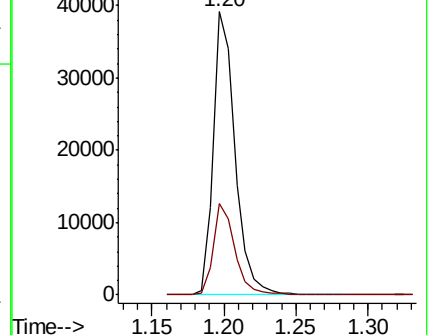
85 100

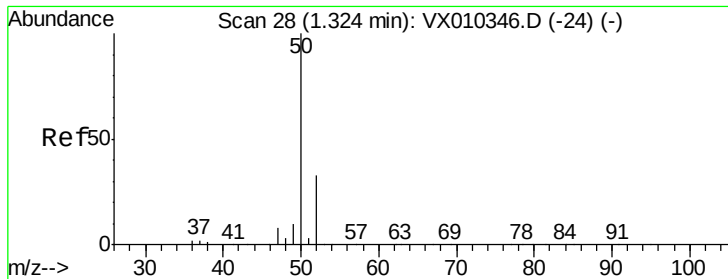
87 32.2 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.801 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010403.D

Acq: 24 Jun 2019 11:21

Instrument :

MSVOA_X

ClientSampleId :

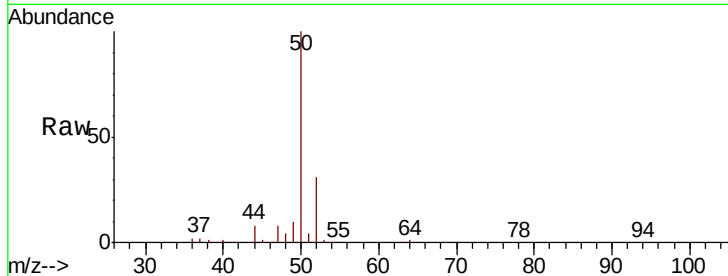
VX0624WBS01

Tot Ion: 50 Resp: 44533

Ion Ratio Lower Upper

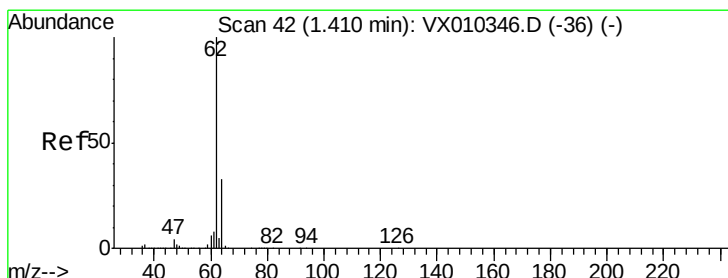
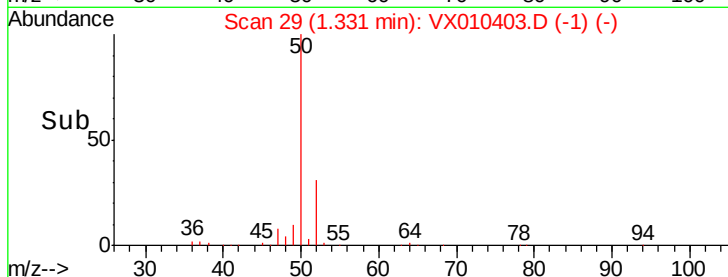
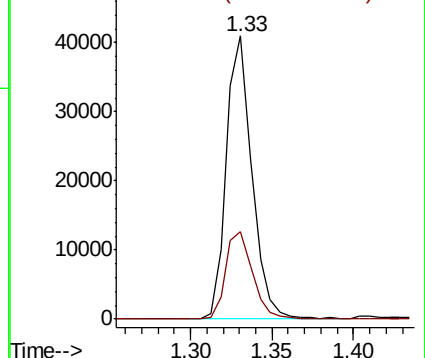
50 100

52 30.9 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.563 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010403.D

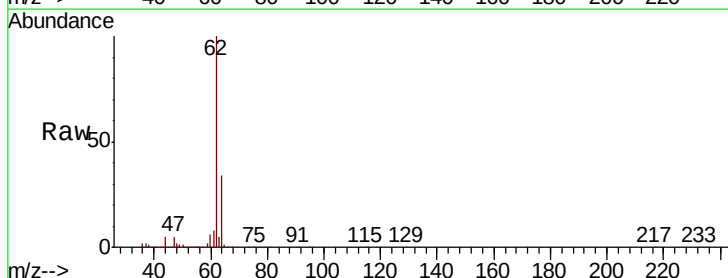
Acq: 24 Jun 2019 11:21

Tgt Ion: 62 Resp: 48160

Ion Ratio Lower Upper

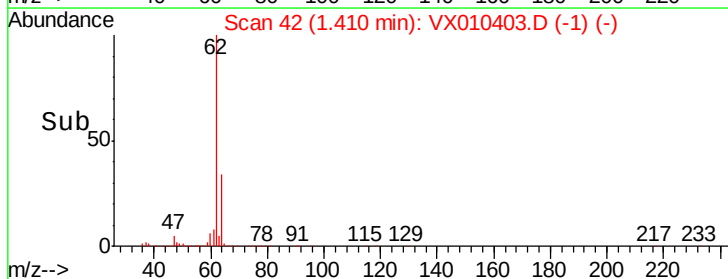
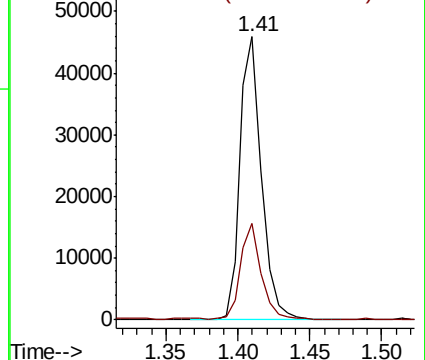
62 100

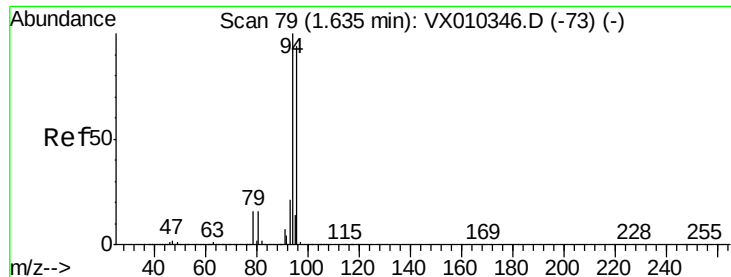
64 33.9 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.694 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010403.D

Acq: 24 Jun 2019 11:21

Instrument :

MSVOA_X

ClientSampleId :

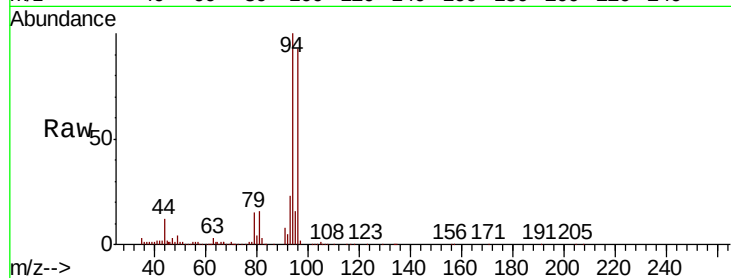
VX0624WBS01

Tot Ion: 94 Resp: 26156

Ion Ratio Lower Upper

94 100

96 93.2 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

25000

20000

15000

10000

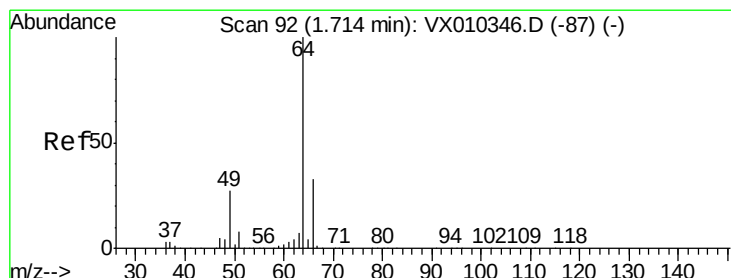
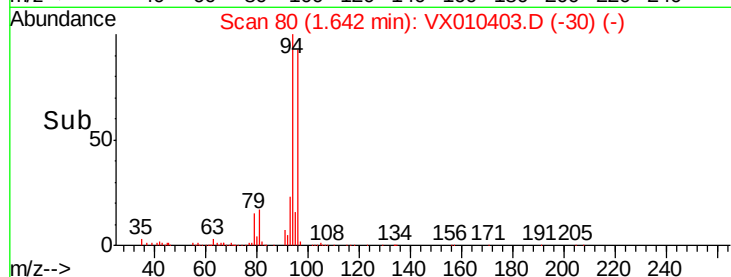
5000

0

1.60

1.70

Time-->



#6

Chloroethane

Concen: 20.252 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010403.D

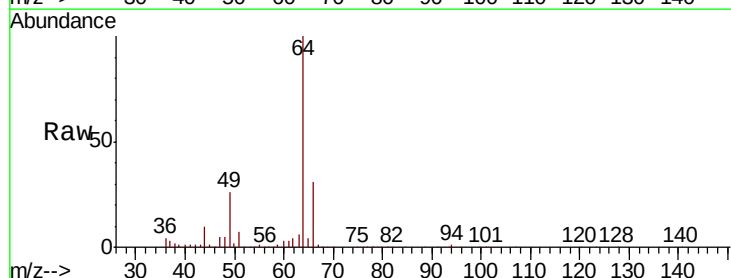
Acq: 24 Jun 2019 11:21

Tgt Ion: 64 Resp: 30999

Ion Ratio Lower Upper

64 100

66 30.5 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

25000

20000

15000

10000

5000

0

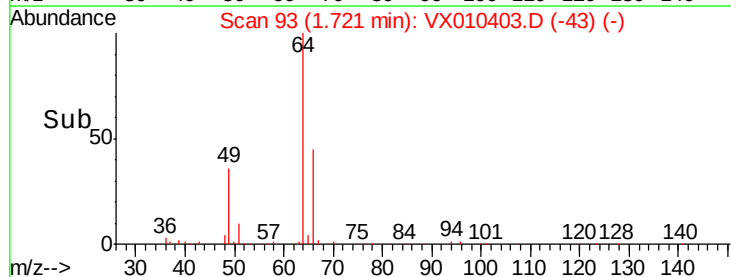
1.65

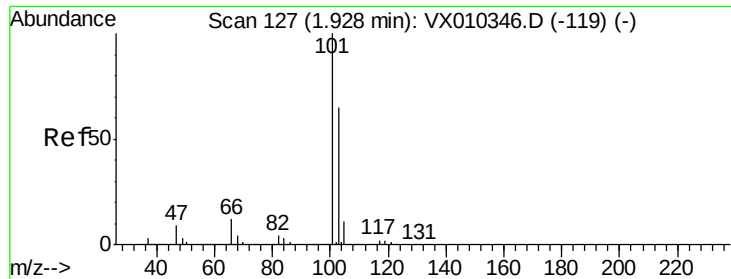
1.70

1.75

1.80

Time-->



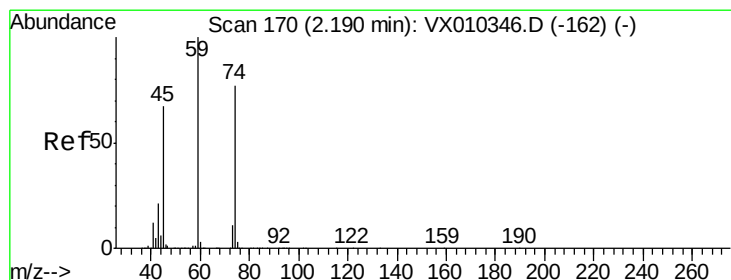
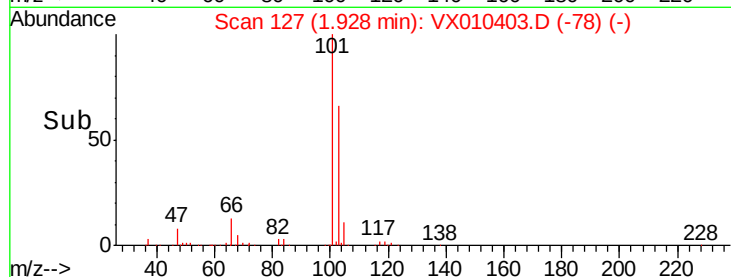
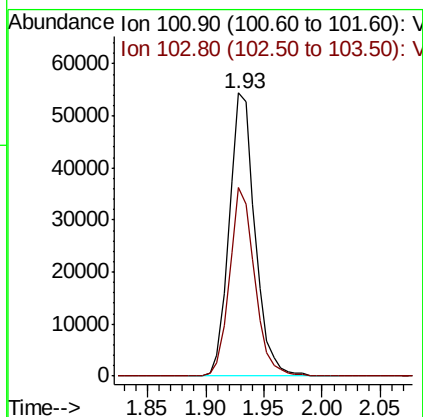
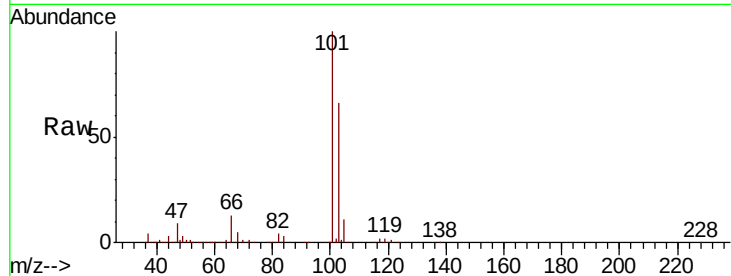


#7

Trichlorofluoromethane
Concen: 20.414 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010403.D
Acq: 24 Jun 2019 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0624WBS01

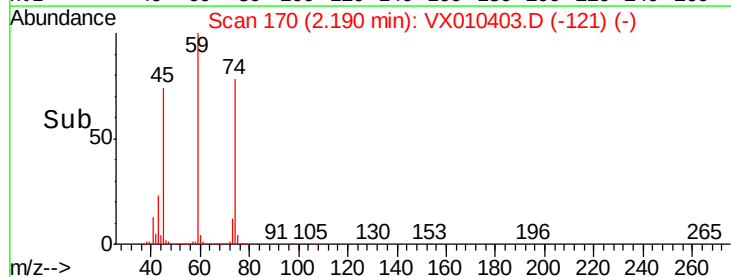
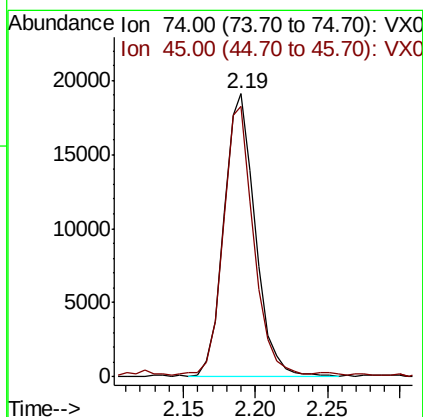
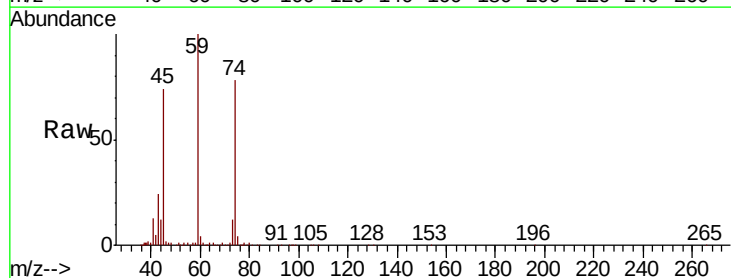
Tot Ion:101 Resp: 83958
Ion Ratio Lower Upper
101 100
103 66.3 52.3 78.5

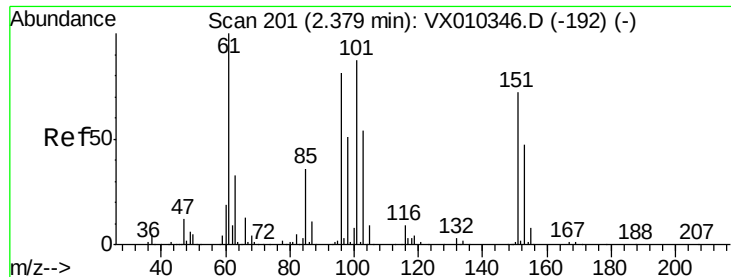


#8

Diethyl Ether
Concen: 19.797 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010403.D
Acq: 24 Jun 2019 11:21

Tgt Ion: 74 Resp: 29199
Ion Ratio Lower Upper
74 100
45 91.1 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.352 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010403.D

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VX0624WBS01

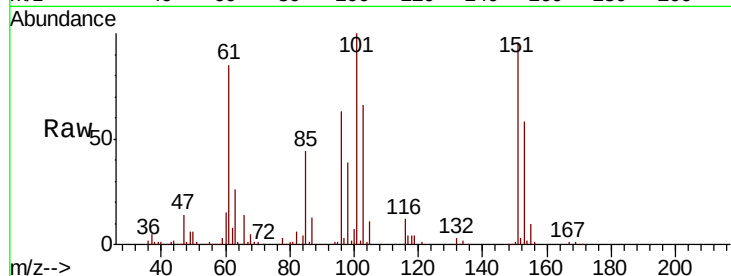
Tot Ion:101 Resp: 50725

Ion Ratio Lower Upper

101 100

85 43.7 33.7 50.5

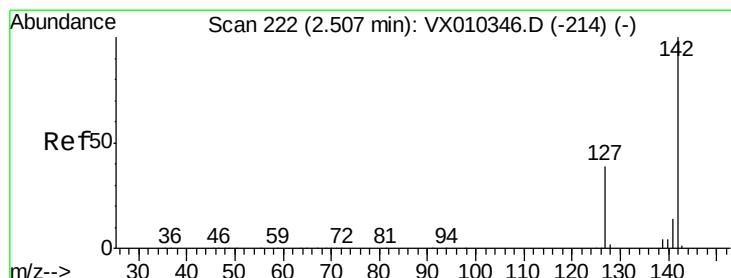
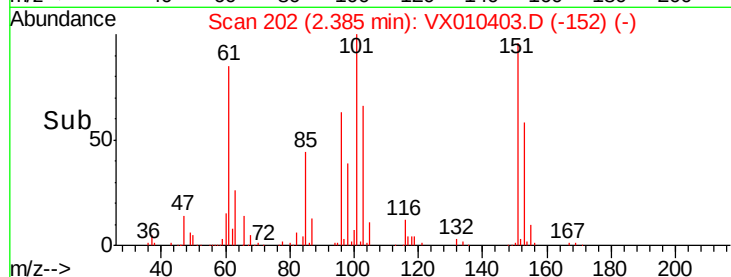
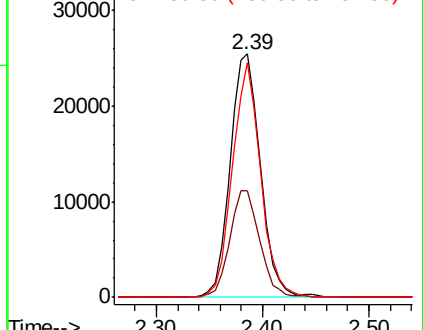
151 90.4 70.1 105.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.184 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010403.D

Acq: 24 Jun 2019 11:21

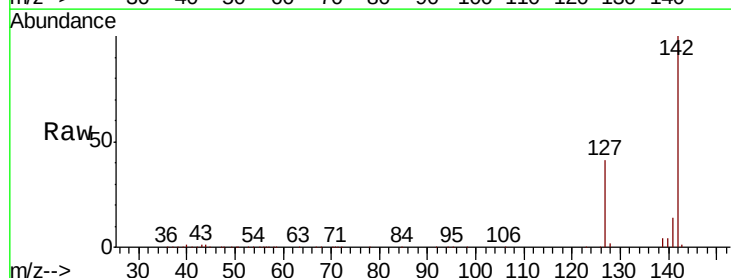
Tgt Ion:142 Resp: 57566

Ion Ratio Lower Upper

142 100

127 39.4 31.1 46.7

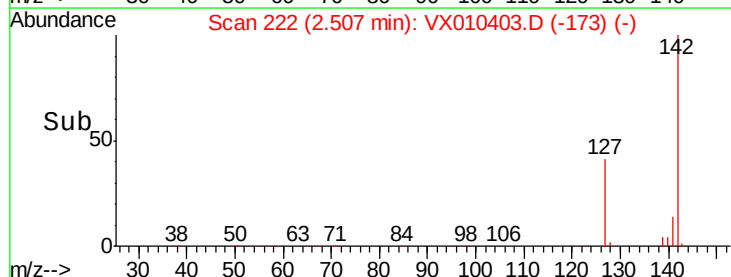
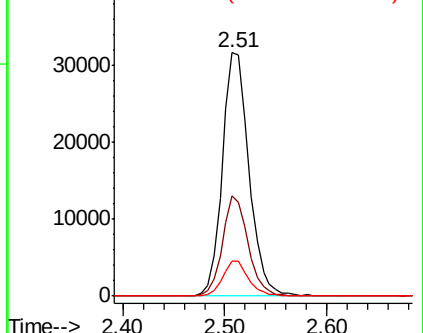
141 13.8 11.2 16.8

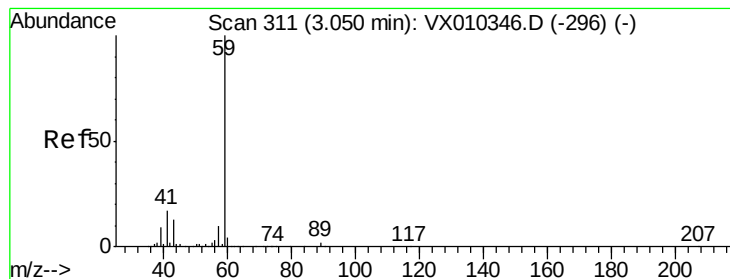


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



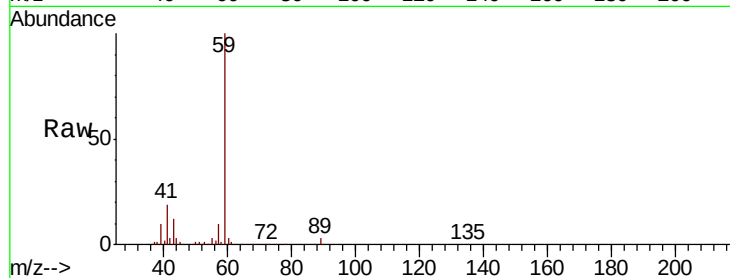


#11

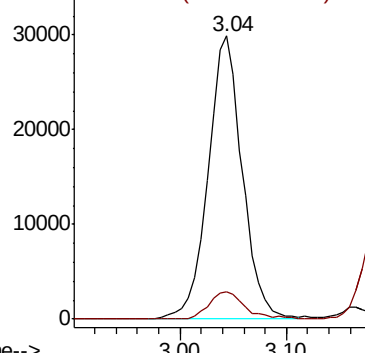
Tert butyl alcohol
Concen: 93.709 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010403.D
Acq: 24 Jun 2019 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0624WBS01

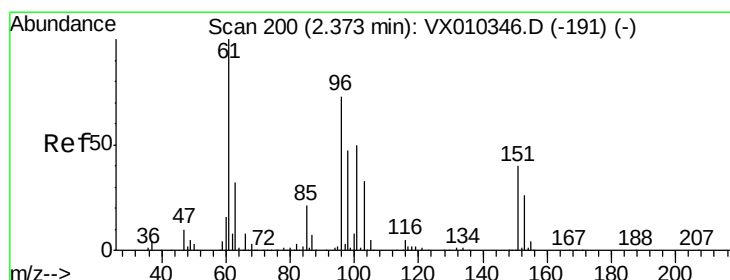
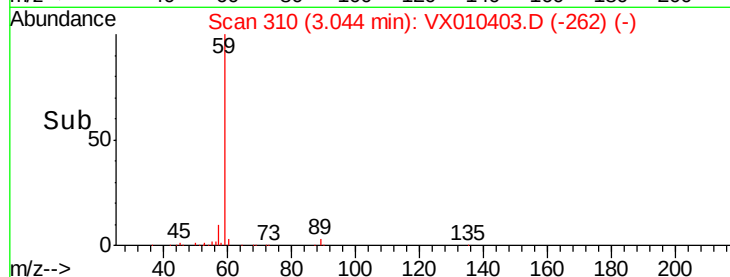
Tot Ion: 59 Resp: 67268
Ion Ratio Lower Upper
59 100
57 10.3 7.7 11.5



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0



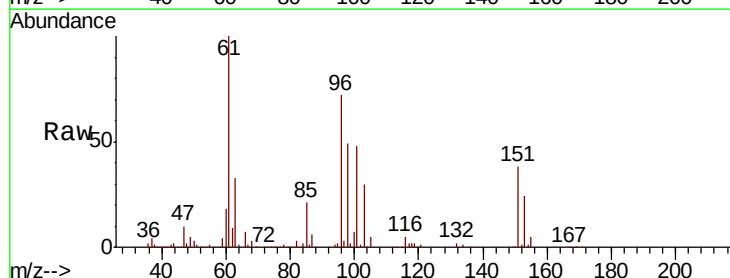
Time-->



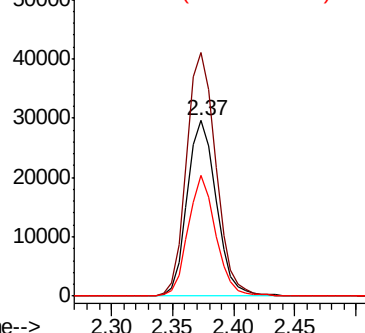
#12

1,1-Dichloroethene
Concen: 19.280 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010403.D
Acq: 24 Jun 2019 11:21

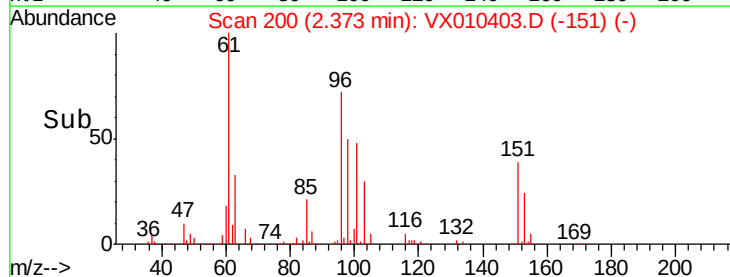
Tgt Ion: 96 Resp: 48896
Ion Ratio Lower Upper
96 100
61 138.9 109.2 163.8
98 68.7 51.1 76.7

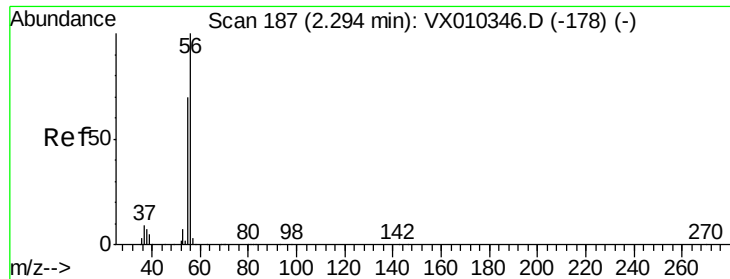


Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



Time-->





#13

Acrolein

Concen: 77.185 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010403.D

Acq: 24 Jun 2019 11:21

Instrument :

MSVOA_X

ClientSampleId :

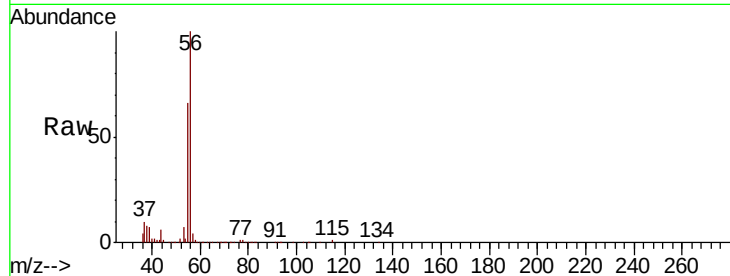
VX0624WBS01

Tot Ion: 56 Resp: 36755

Ion Ratio Lower Upper

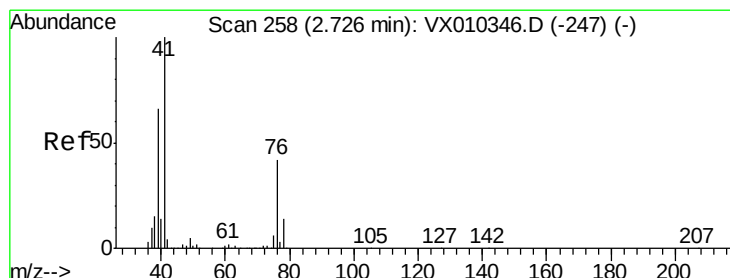
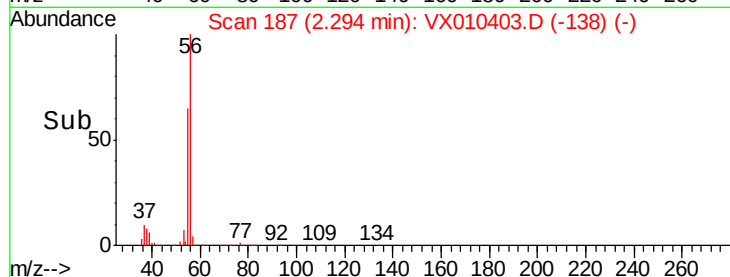
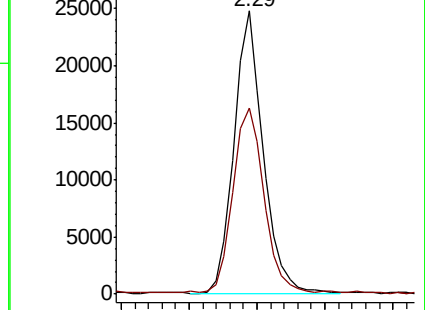
56 100

55 70.0 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 20.081 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010403.D

Acq: 24 Jun 2019 11:21

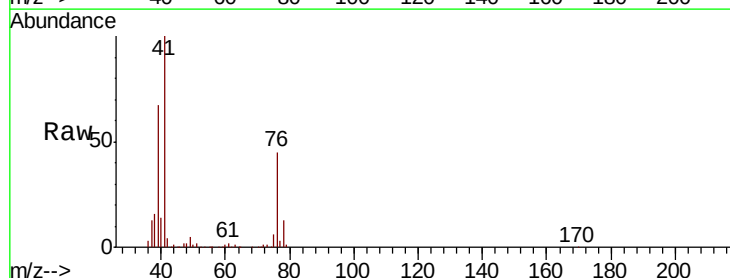
Tgt Ion: 41 Resp: 72301

Ion Ratio Lower Upper

41 100

39 63.0 50.3 75.5

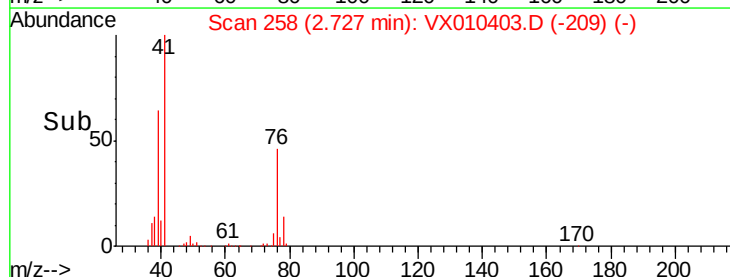
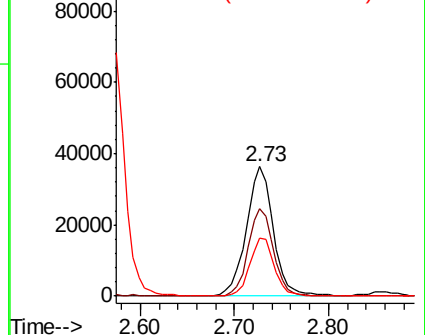
76 41.1 31.3 46.9

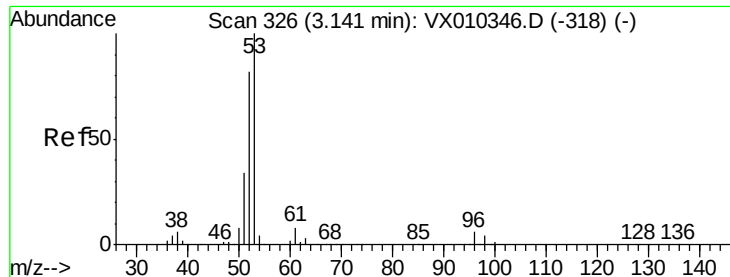


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 98.302 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010403.D

Acq: 24 Jun 2019 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0624WBS01

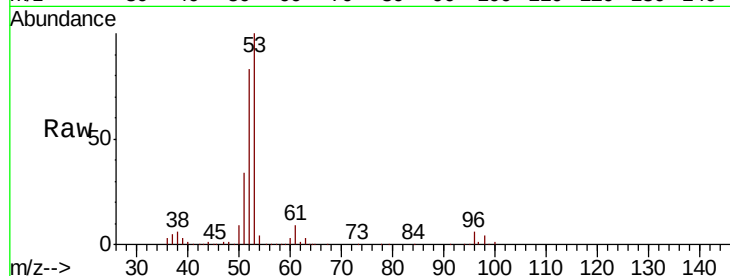
Tot Ion: 53 Resp: 139710

Ion Ratio Lower Upper

53 100

52 81.2 65.5 98.3

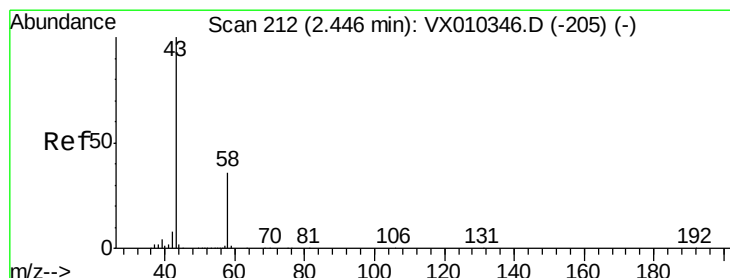
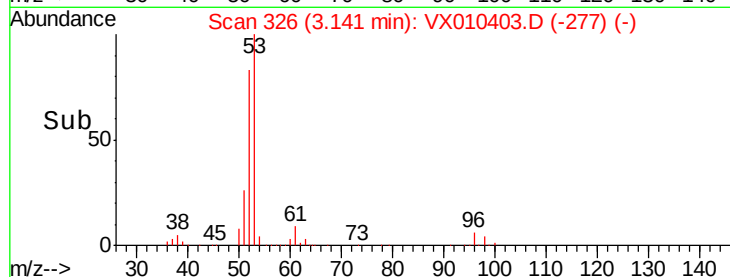
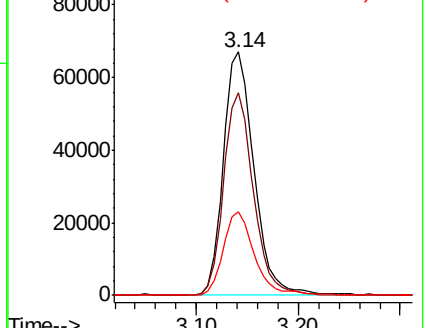
51 34.6 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 102.617 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010403.D

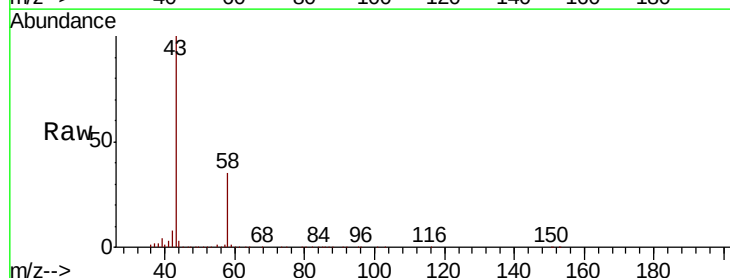
Acq: 24 Jun 2019 11:21

Tgt Ion: 43 Resp: 141085

Ion Ratio Lower Upper

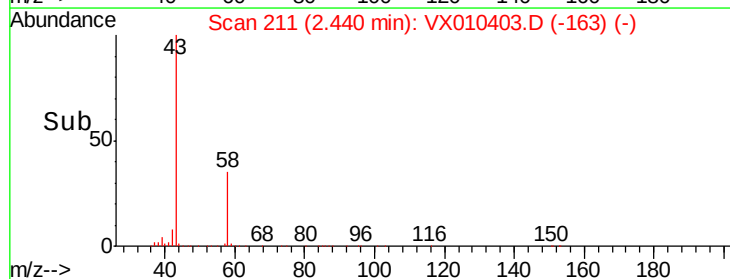
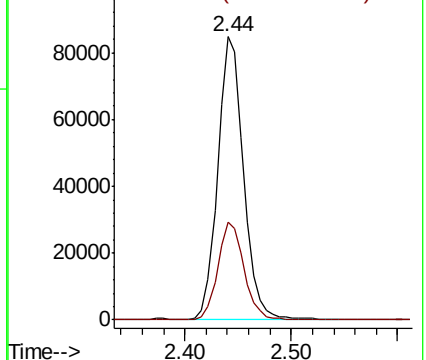
43 100

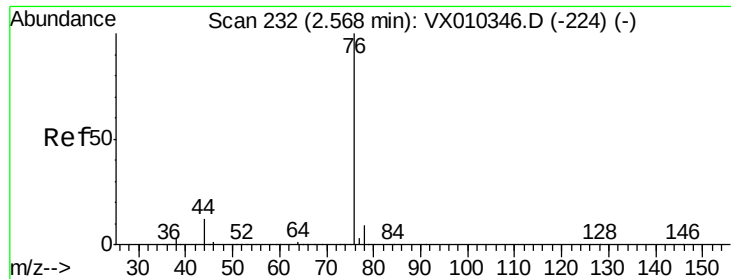
58 34.5 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

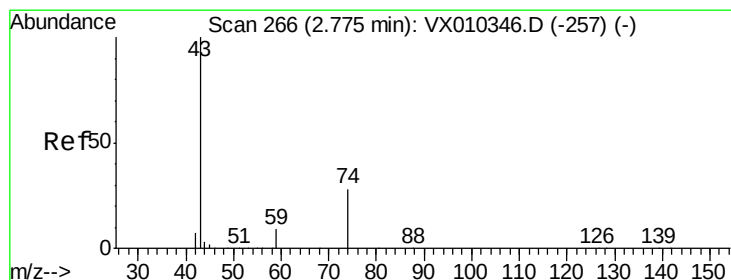
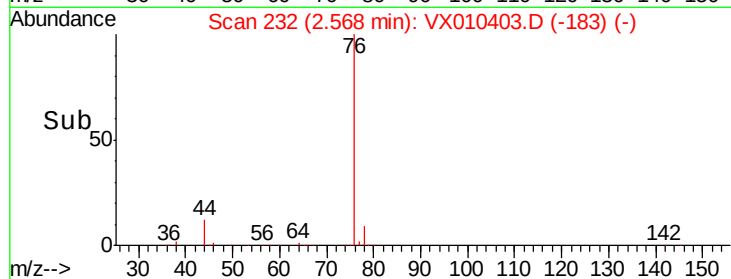
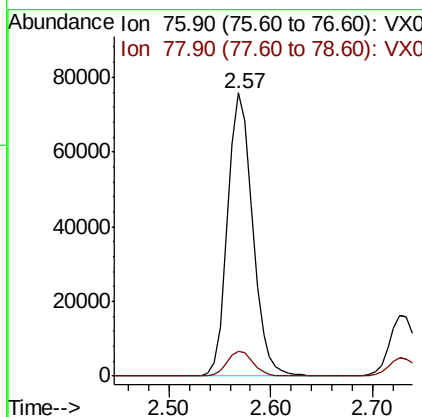
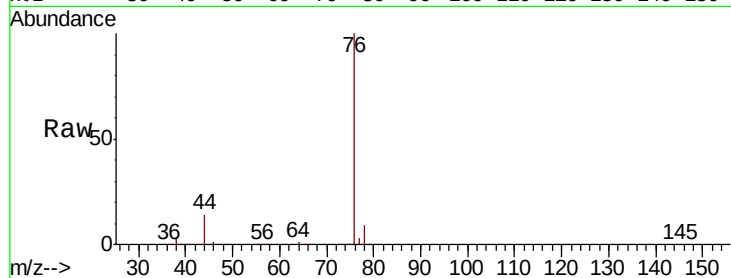




#17
Carbon Disulfide
Concen: 18.847 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010403.D
Acq: 24 Jun 2019 11:21

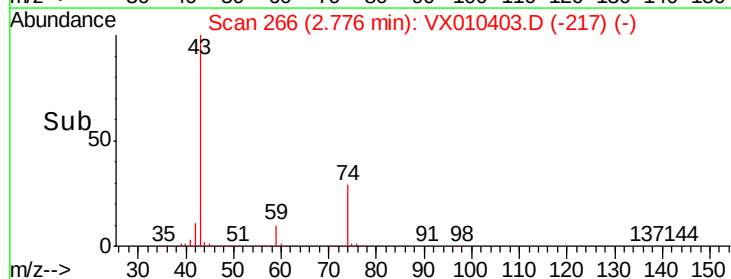
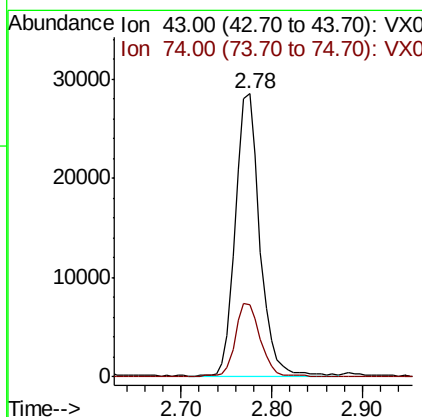
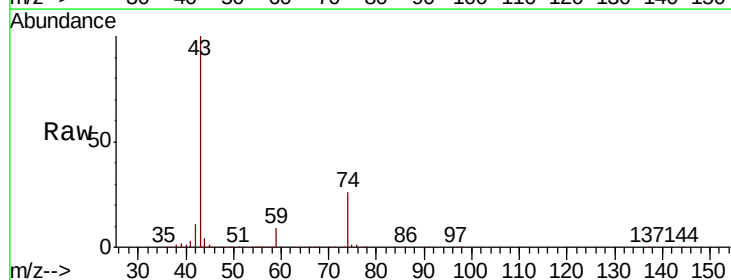
Instrument :
MSVOA_X
ClientSampleId :
VX0624WBS01

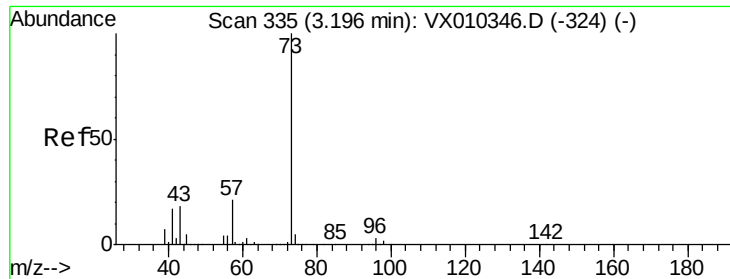
Tot Ion: 76 Resp: 128233
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#18
Methyl Acetate
Concen: 19.734 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010403.D
Acq: 24 Jun 2019 11:21

Tgt Ion: 43 Resp: 54075
Ion Ratio Lower Upper
43 100
74 26.5 21.3 31.9

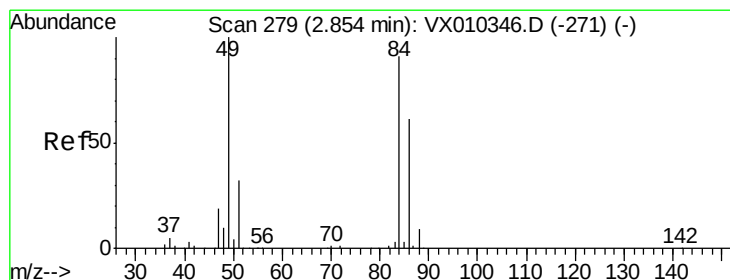
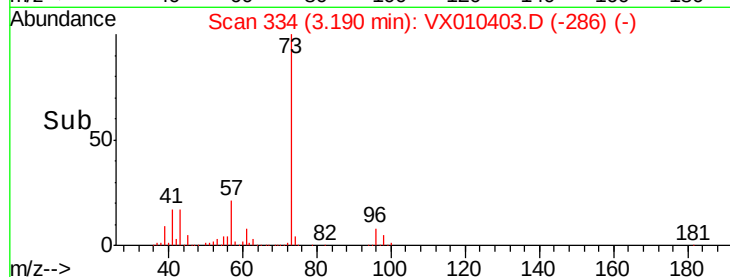
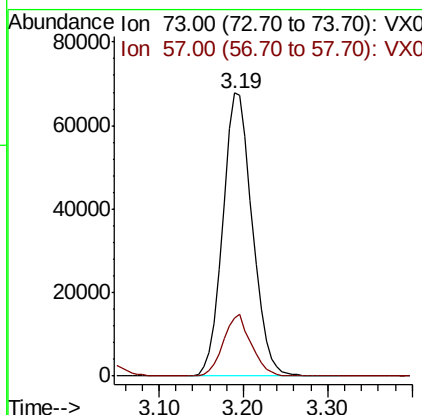
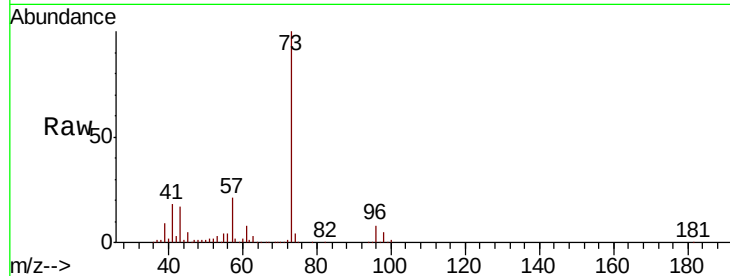




#19
Methyl tert-butyl Ether
Concen: 20.303 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010403.D
Acq: 24 Jun 2019 11:21

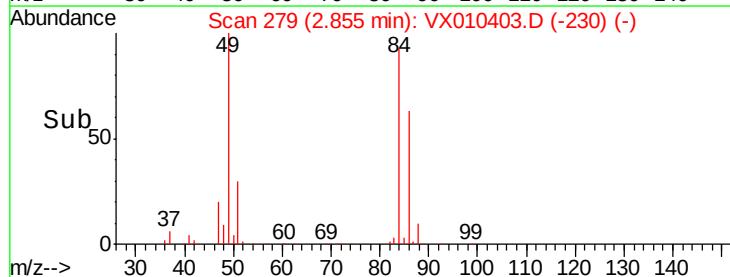
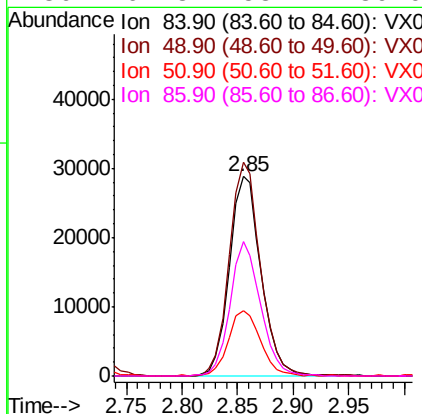
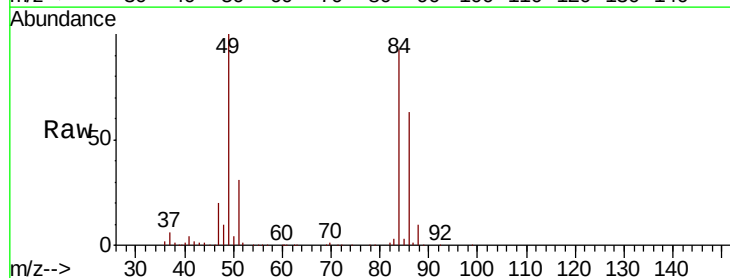
Instrument :
MSVOA_X
ClientSampleId :
VX0624WBS01

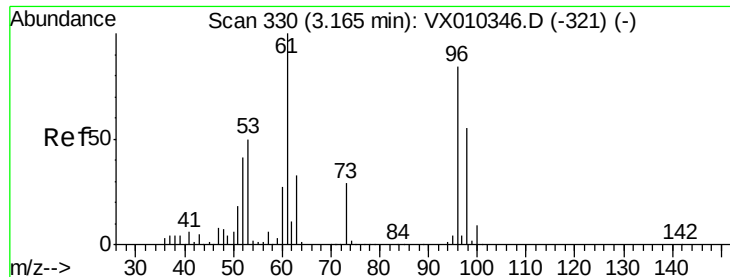
Tot Ion: 73 Resp: 161985
Ion Ratio Lower Upper
73 100
57 20.6 16.4 24.6



#20
Methylene Chloride
Concen: 20.045 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010403.D
Acq: 24 Jun 2019 11:21

Tgt Ion: 84 Resp: 56715
Ion Ratio Lower Upper
84 100
49 107.3 87.5 131.3
51 32.7 27.7 41.5
86 67.8 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 19.991 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010403.D

Acq: 24 Jun 2019 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0624WBS01

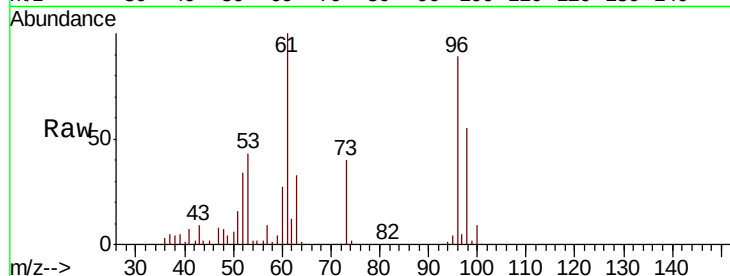
Tot Ion: 96 Resp: 54527

Ion Ratio Lower Upper

96 100

61 112.8 95.6 143.4

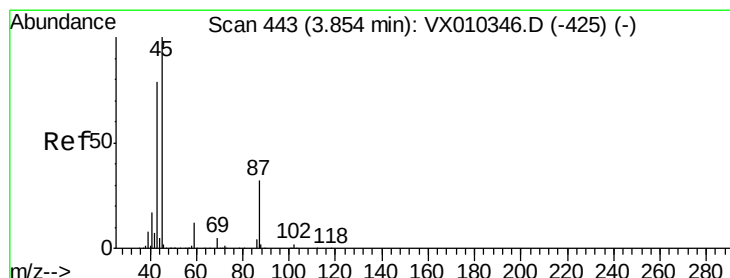
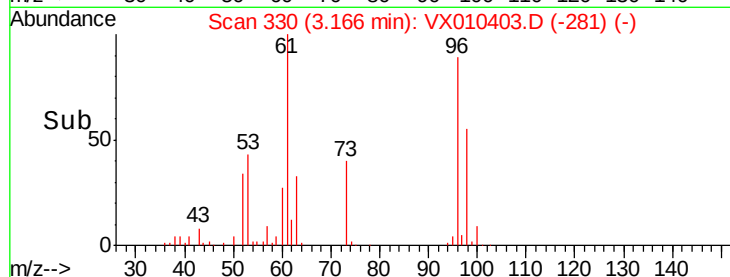
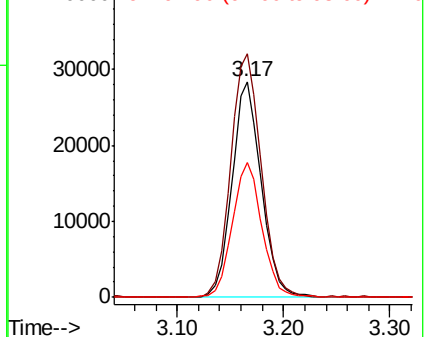
98 62.3 52.5 78.7



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.116 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010403.D

Acq: 24 Jun 2019 11:21

Tgt Ion: 45 Resp: 151434

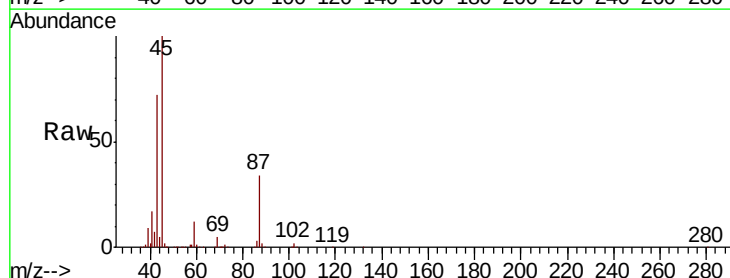
Ion Ratio Lower Upper

45 100

43 72.2 63.3 94.9

87 33.7 25.8 38.8

59 12.3 9.6 14.4

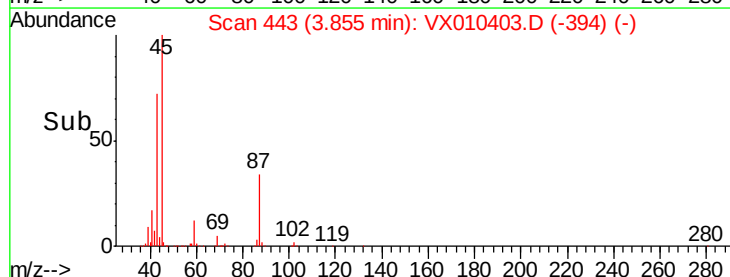
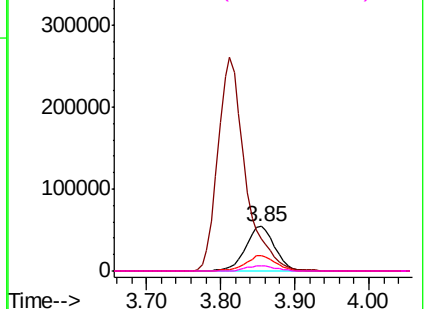


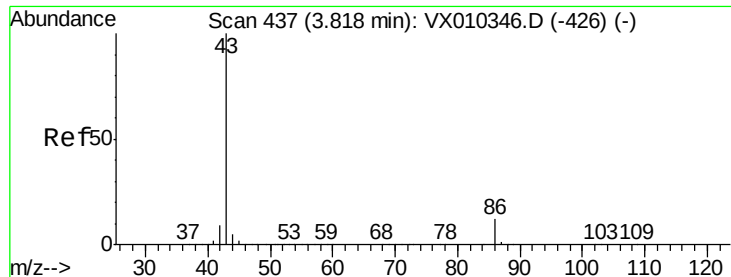
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 102.353 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010403.D

Acq: 24 Jun 2019 11:21

Instrument :

MSVOA_X

ClientSampleId :

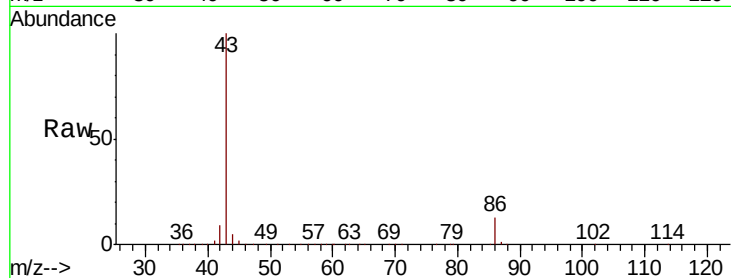
VX0624WBS01

Tot Ion: 43 Resp: 665636

Ion Ratio Lower Upper

43 100

86 12.6 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

250000

200000

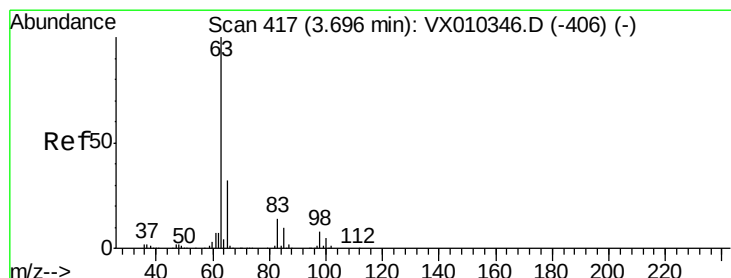
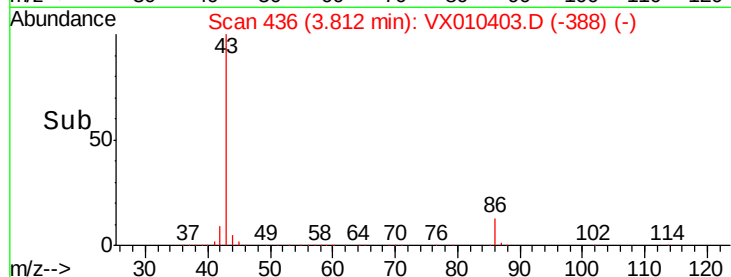
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.929 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010403.D

Acq: 24 Jun 2019 11:21

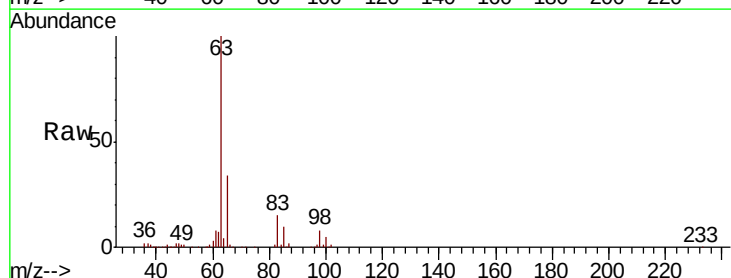
Tgt Ion: 63 Resp: 86717

Ion Ratio Lower Upper

63 100

98 8.0 3.9 11.7

100 5.3 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

40000

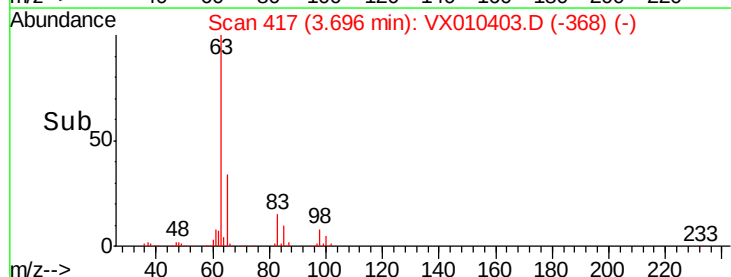
30000

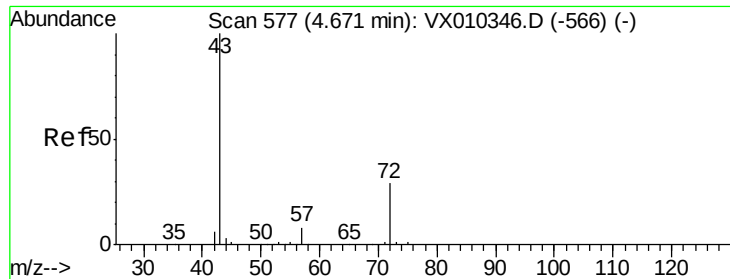
20000

10000

0

Time-->





#25

2-Butanone

Concen: 99.260 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010403.D

Acq: 24 Jun 2019 11:21

Instrument :

MSVOA_X

ClientSampleId :

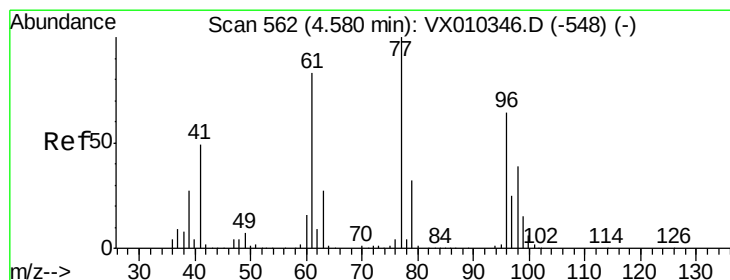
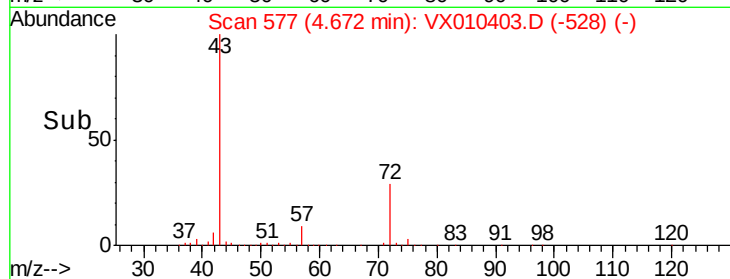
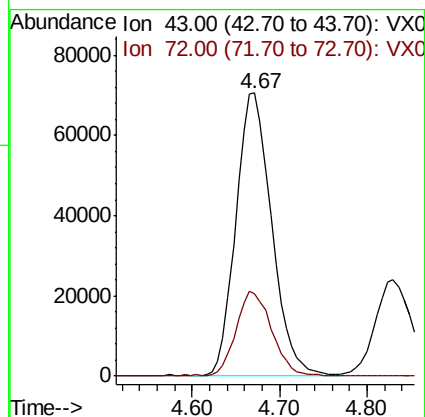
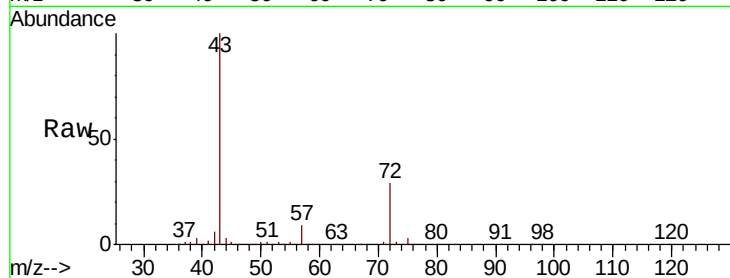
VX0624WBS01

Tot Ion: 43 Resp: 200184

Ion Ratio Lower Upper

43 100

72 28.9 23.3 34.9



#26

2,2-Dichloropropane

Concen: 20.707 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010403.D

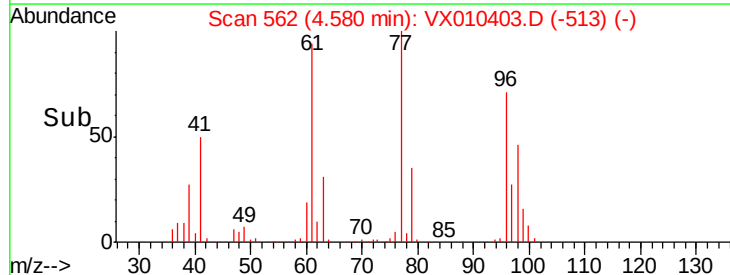
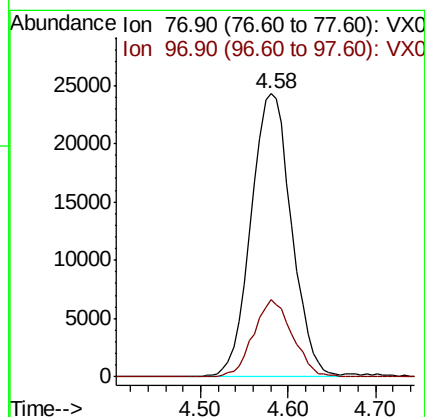
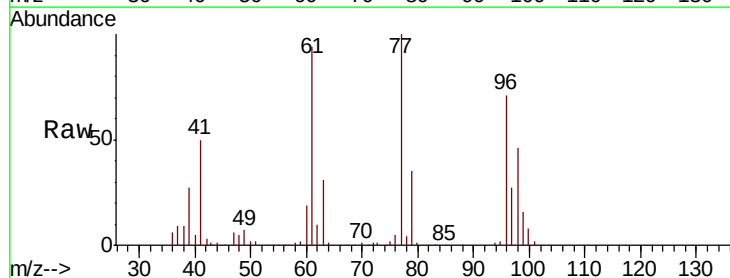
Acq: 24 Jun 2019 11:21

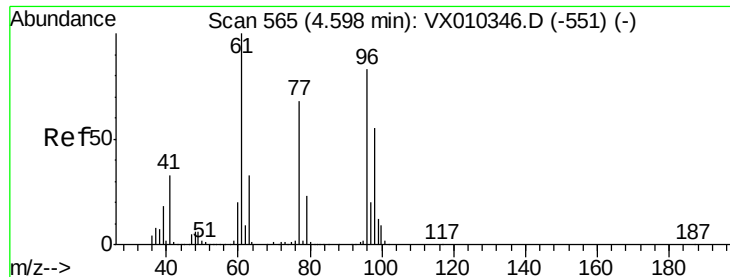
Tgt Ion: 77 Resp: 78272

Ion Ratio Lower Upper

77 100

97 26.3 13.1 39.3



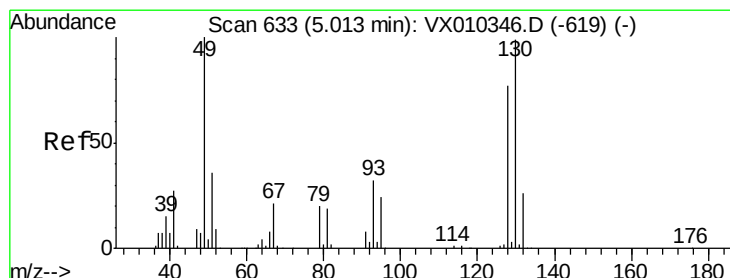
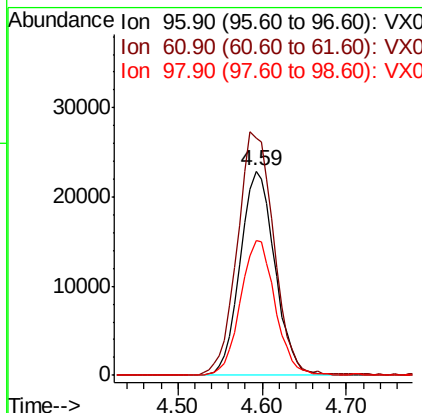
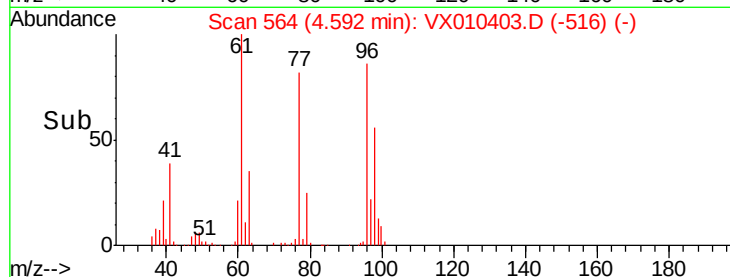
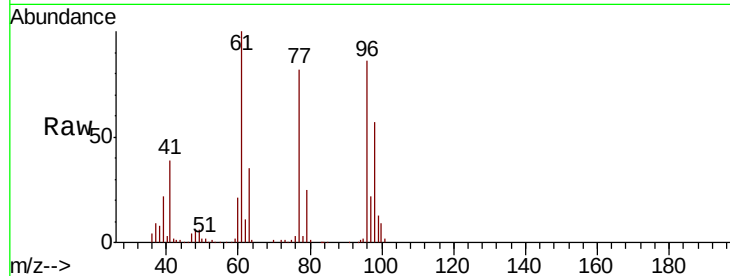


#27

cis-1,2-Dichloroethene
Concen: 20.281 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX010403.D
Acq: 24 Jun 2019 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0624WBS01

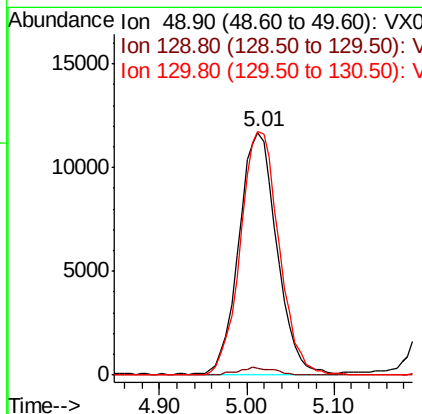
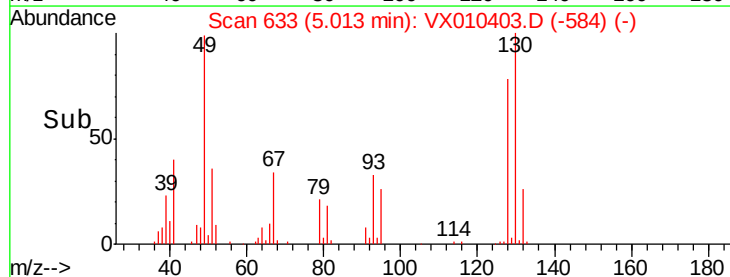
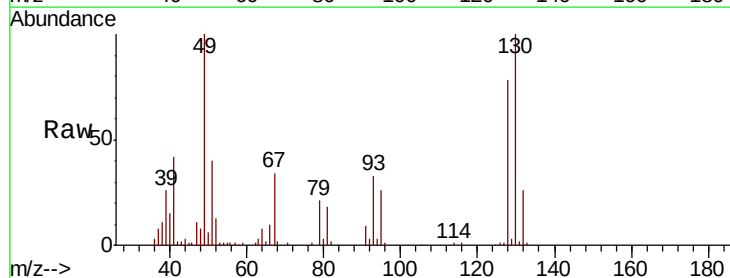
Tot Ion: 96 Resp: 63925
Ion Ratio Lower Upper
96 100
61 125.7 0.0 251.8
98 65.7 0.0 129.4

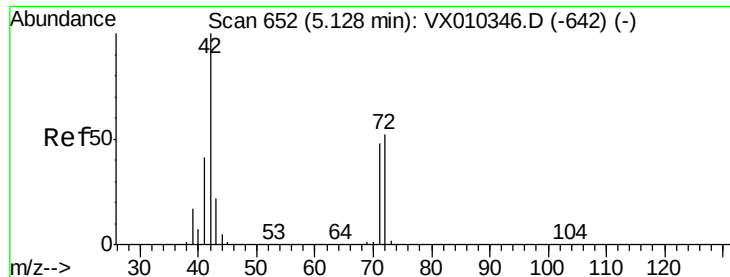


#28

Bromochloromethane
Concen: 17.075 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX010403.D
Acq: 24 Jun 2019 11:21

Tgt Ion: 49 Resp: 35524
Ion Ratio Lower Upper
49 100
129 2.9 0.0 5.6
130 101.5 81.4 122.0

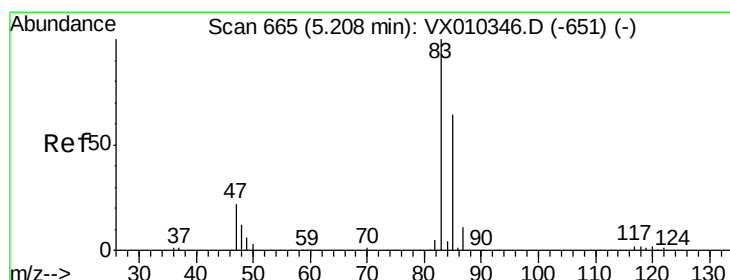
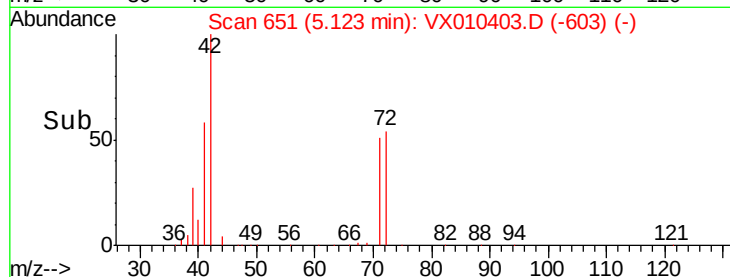
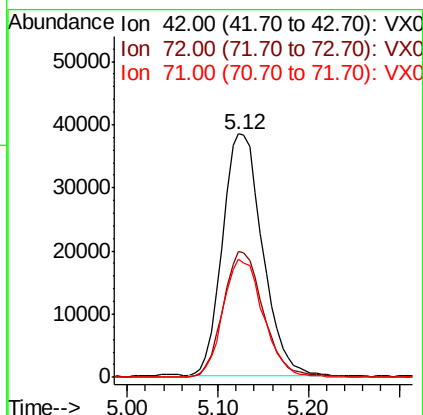
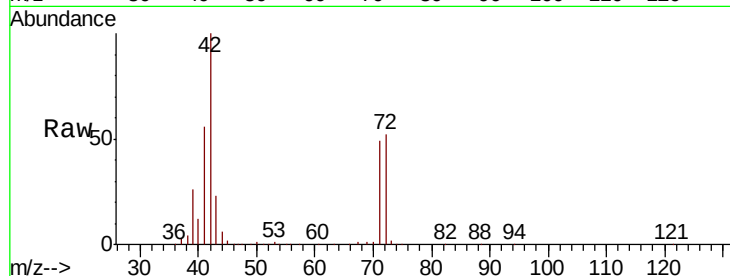




#29
Tetrahydrofuran
Concen: 93.700 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX010403.D
Acq: 24 Jun 2019 11:21

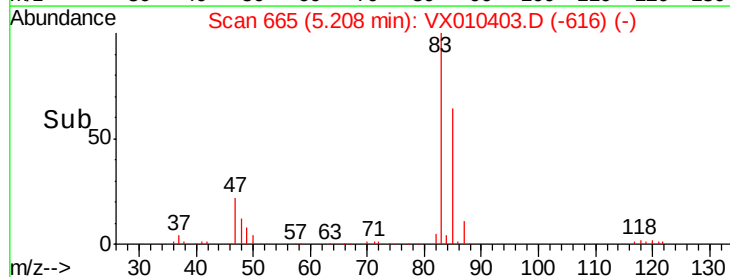
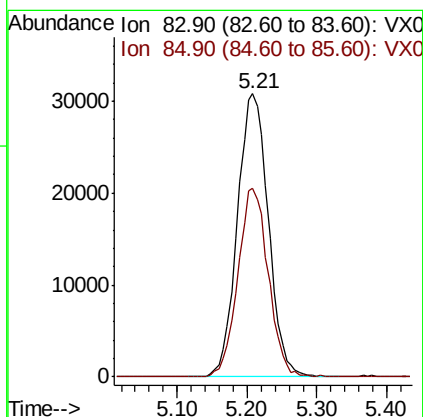
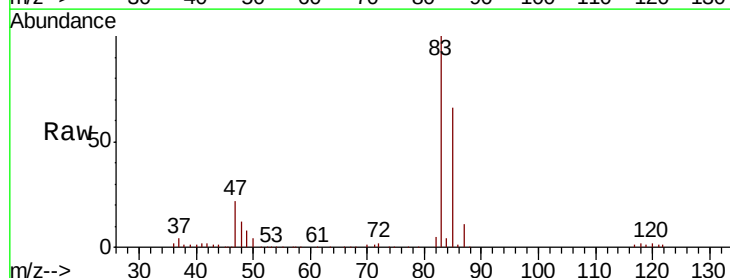
Instrument :
MSVOA_X
ClientSampleId :
VX0624WBS01

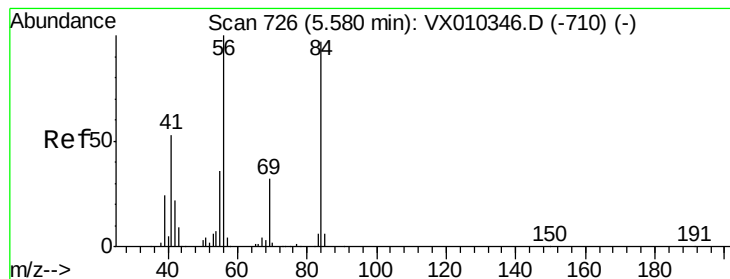
Tot Ion: 42 Resp: 117049
Ion Ratio Lower Upper
42 100
72 53.2 40.6 60.8
71 49.5 37.8 56.8



#30
Chloroform
Concen: 20.212 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX010403.D
Acq: 24 Jun 2019 11:21

Tgt Ion: 83 Resp: 94629
Ion Ratio Lower Upper
83 100
85 66.4 50.9 76.3





#31

Cyclohexane

Concen: 20.121 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010403.D

Acq: 24 Jun 2019 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0624WBS01

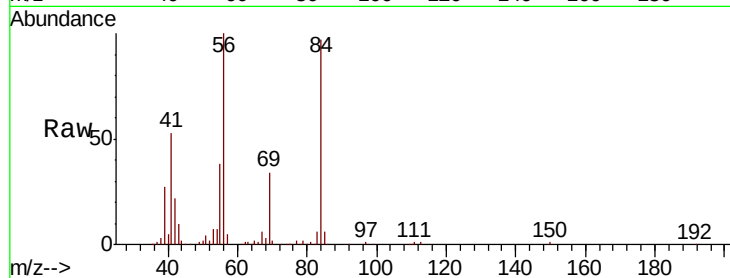
Tot Ion: 56 Resp: 79731

Ion Ratio Lower Upper

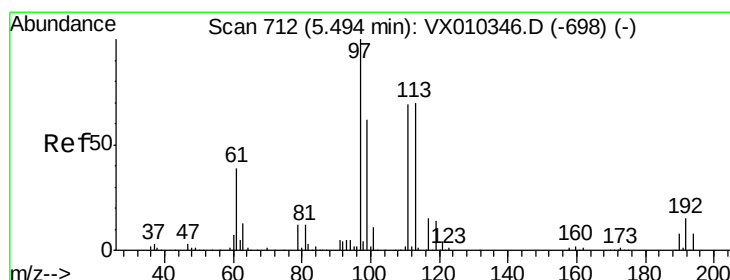
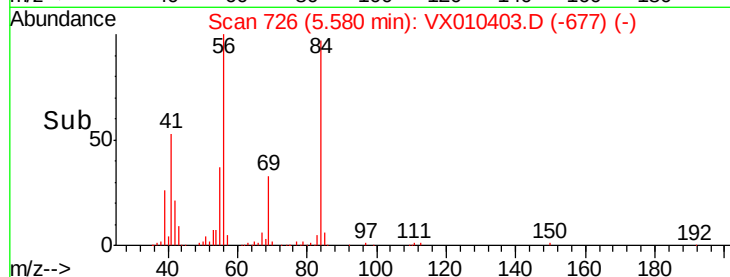
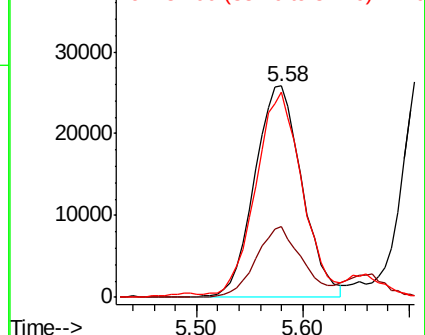
56 100

69 33.3 25.9 38.9

84 95.8 78.0 117.0



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 20.595 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX010403.D

Acq: 24 Jun 2019 11:21

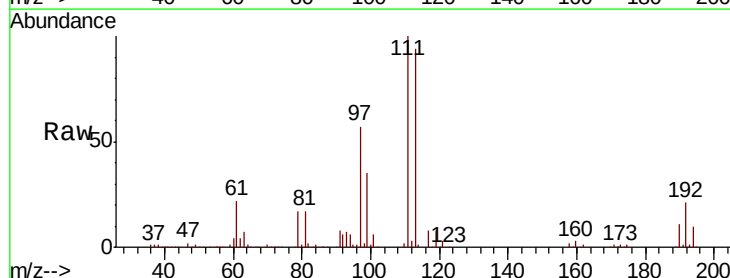
Tgt Ion: 97 Resp: 85143

Ion Ratio Lower Upper

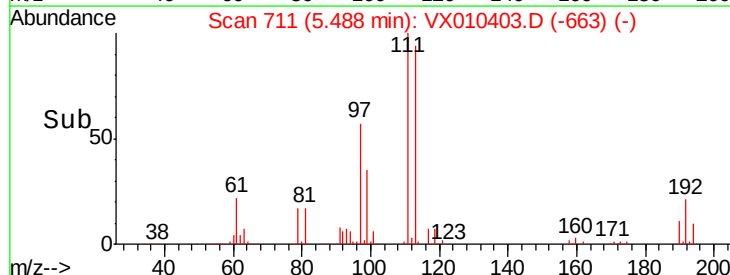
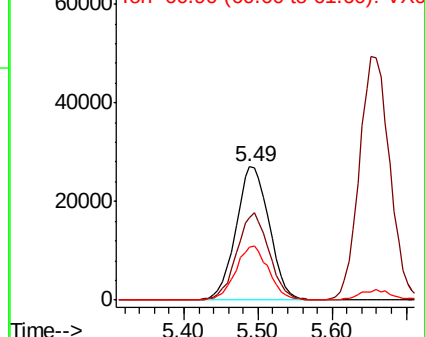
97 100

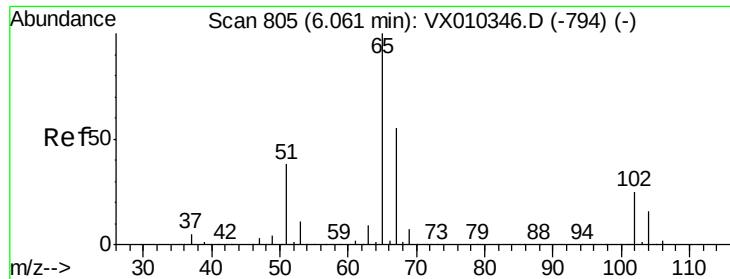
99 63.1 51.8 77.8

61 40.0 32.1 48.1



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

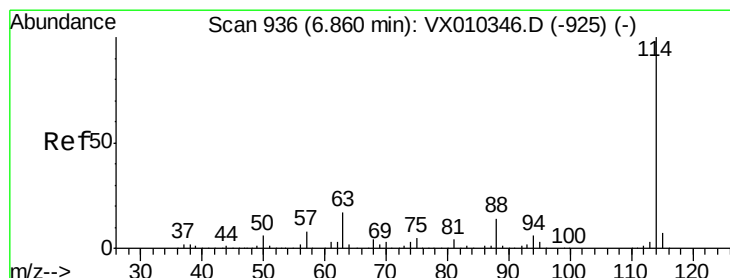
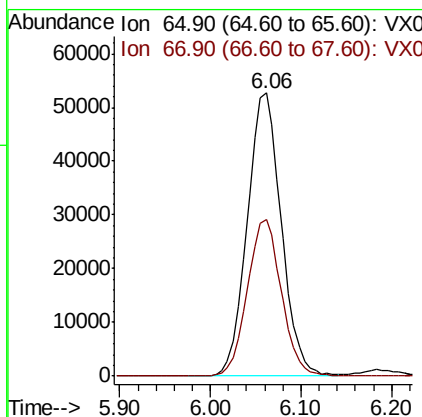
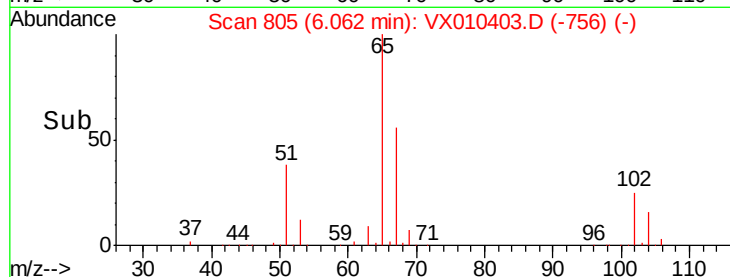
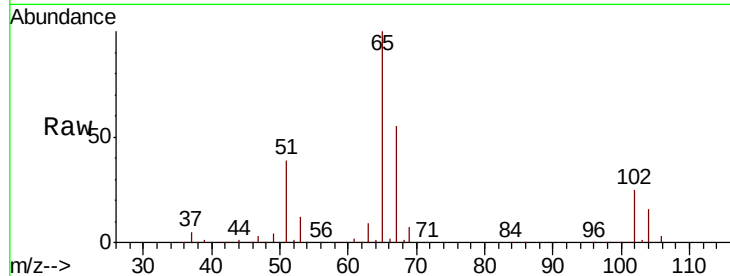




#33
 1,2-Dichloroethane-d4
 Concen: 49.985 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010403.D
 Acq: 24 Jun 2019 11:21

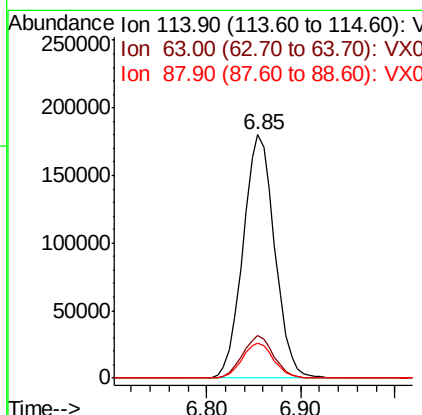
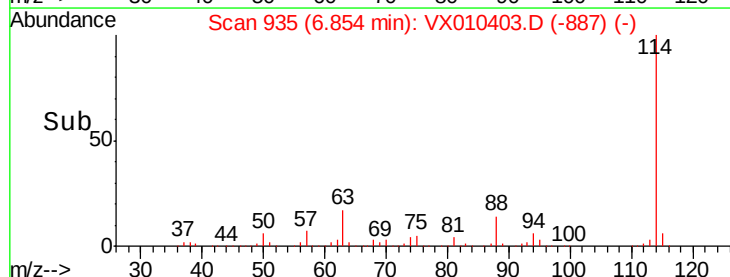
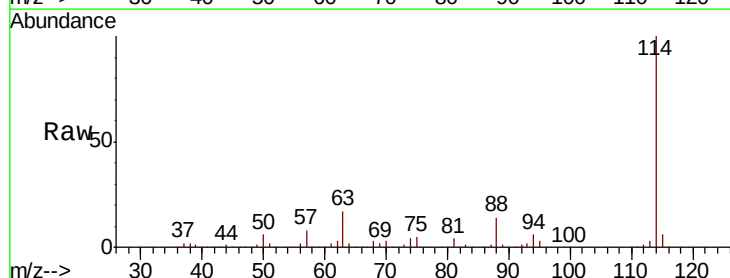
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0624WBS01

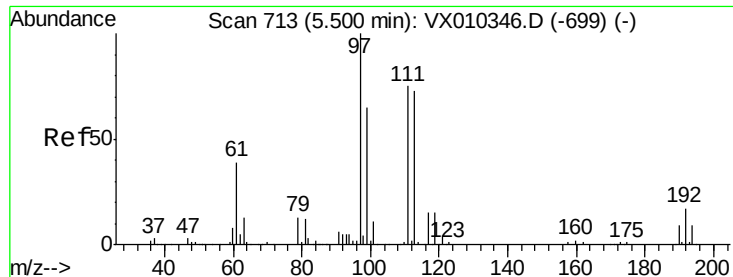
Tot Ion: 65 Resp: 137125
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX010403.D
 Acq: 24 Jun 2019 11:21

Tgt Ion: 114 Resp: 423432
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 33.8
 88 14.1 0.0 27.6

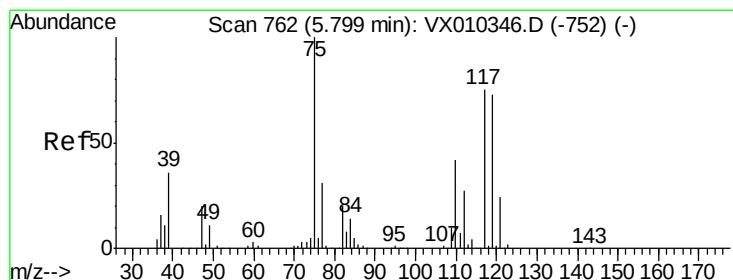
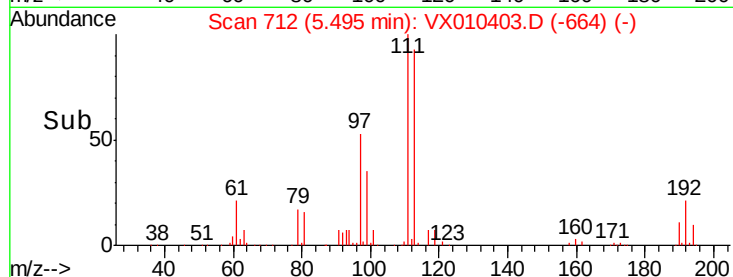
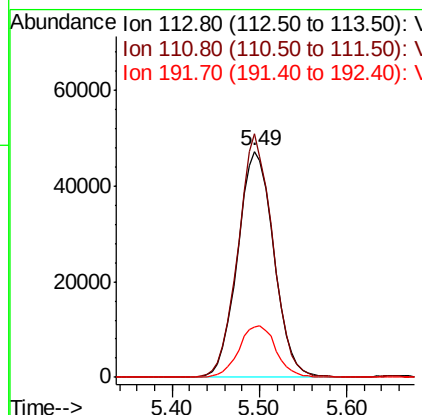
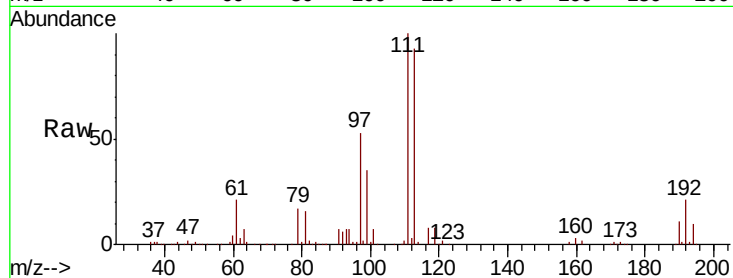




#35
 Dibromofluoromethane
 Concen: 52.600 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX010403.D
 Acq: 24 Jun 2019 11:21

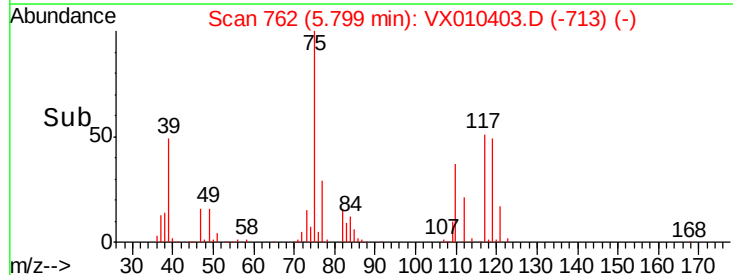
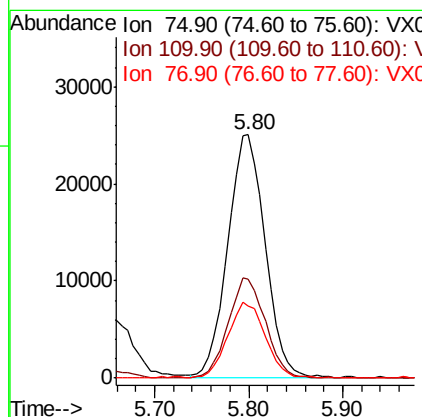
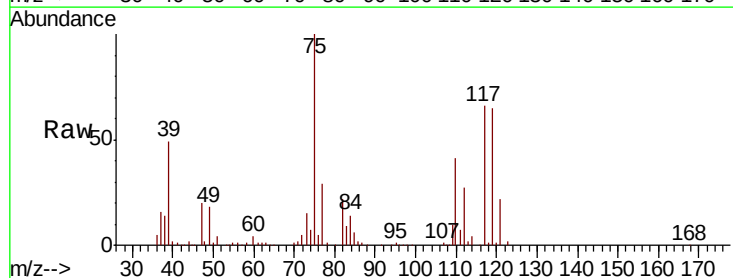
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0624WBS01

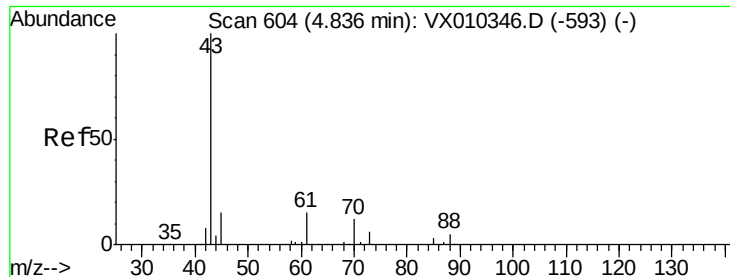
Tot Ion:113 Resp: 136272
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.2 121.8
 192 23.3 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 20.454 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX010403.D
 Acq: 24 Jun 2019 11:21

Tgt Ion: 75 Resp: 68824
 Ion Ratio Lower Upper
 75 100
 110 41.0 20.8 62.2
 77 31.5 25.4 38.0





#37

Ethyl Acetate

Concen: 20.491 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX010403.D

Acq: 24 Jun 2019 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0624WBS01

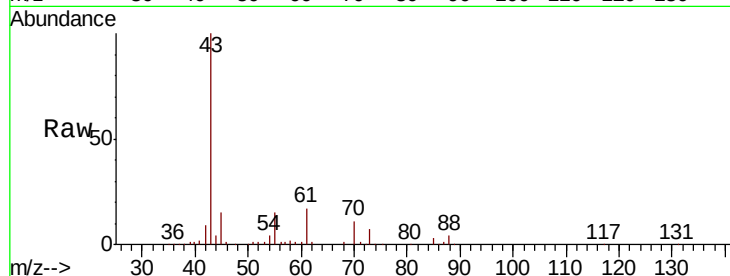
Tot Ion: 43 Resp: 70932

Ion Ratio Lower Upper

43 100

61 16.7 12.4 18.6

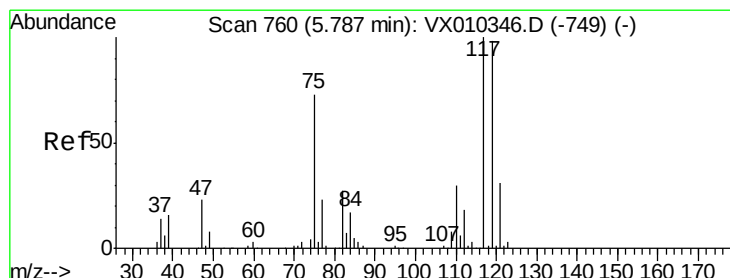
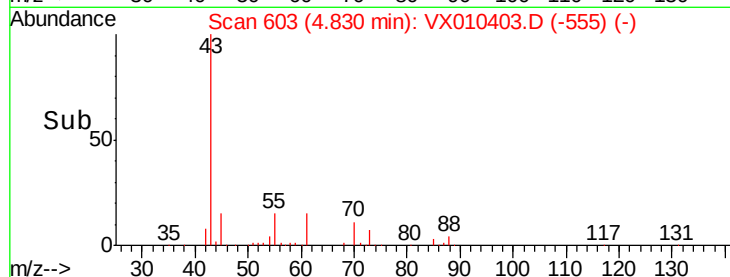
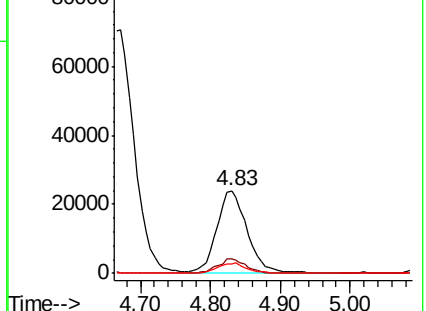
70 12.3 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 20.925 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX010403.D

Acq: 24 Jun 2019 11:21

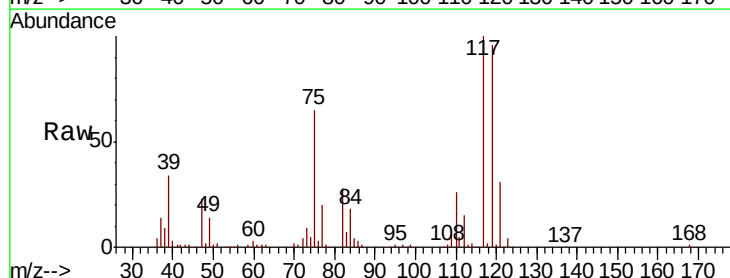
Tgt Ion: 117 Resp: 76242

Ion Ratio Lower Upper

117 100

119 96.2 78.2 117.4

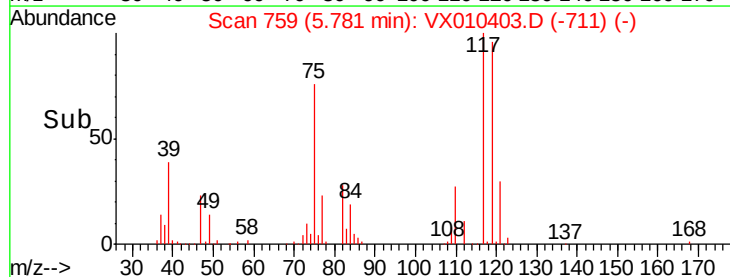
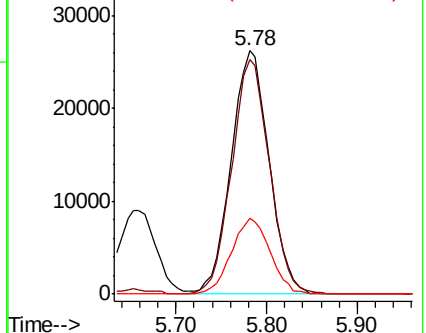
121 31.0 24.7 37.1

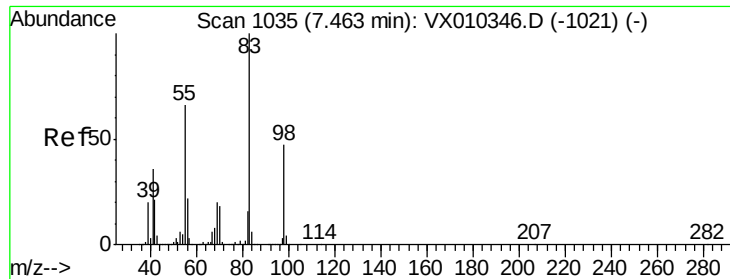


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

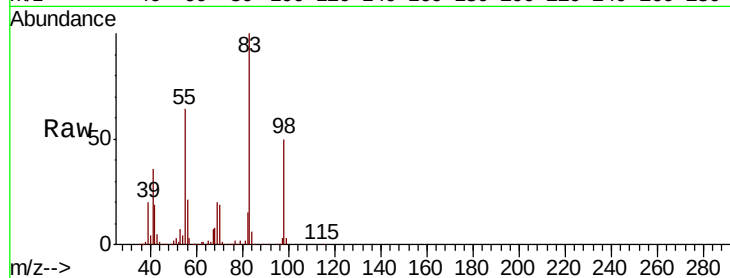




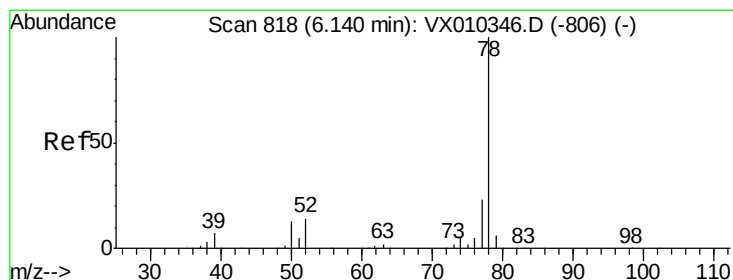
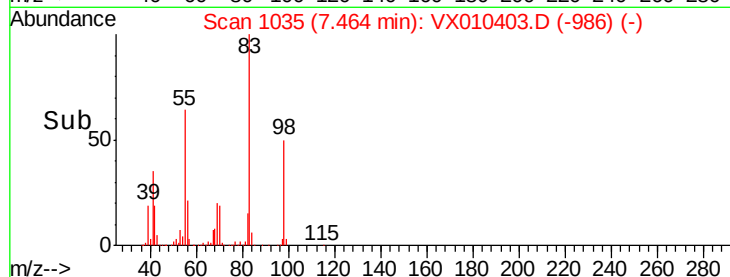
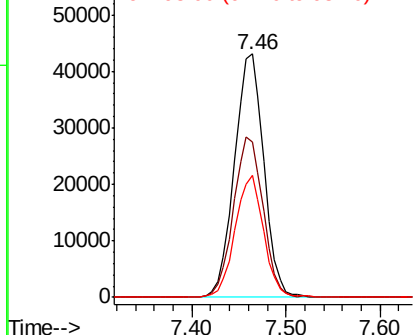
#39
Methylvlcyclohexane
Concen: 21.149 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010403.D
Acq: 24 Jun 2019 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0624WBS01

Tot Ion: 83 Resp: 93541
Ion Ratio Lower Upper
83 100
55 63.5 53.0 79.6
98 50.3 37.8 56.8

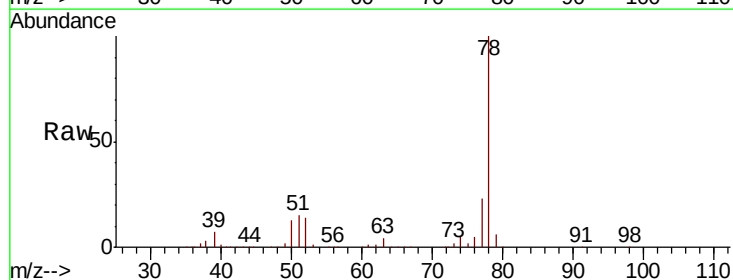


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

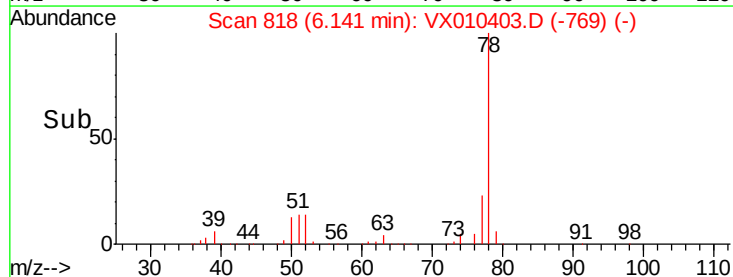
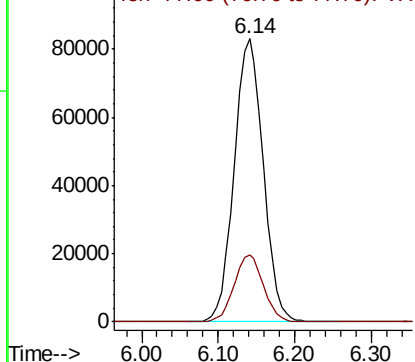


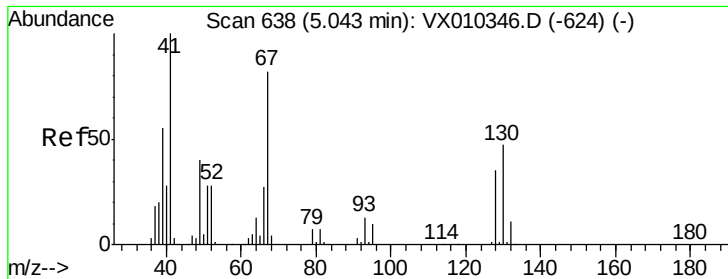
#40
Benzene
Concen: 20.853 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010403.D
Acq: 24 Jun 2019 11:21

Tgt Ion: 78 Resp: 218607
Ion Ratio Lower Upper
78 100
77 23.5 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 19.579 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX010403.D

Acq: 24 Jun 2019 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0624WBS01

Tot Ion: 41 Resp: 37187

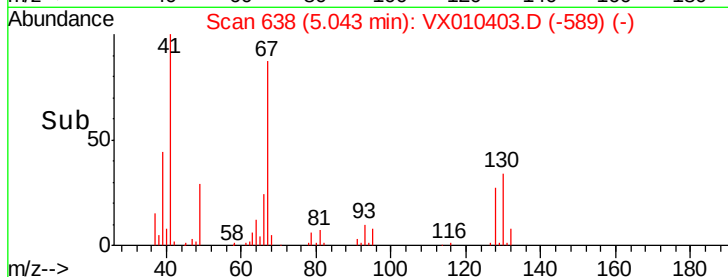
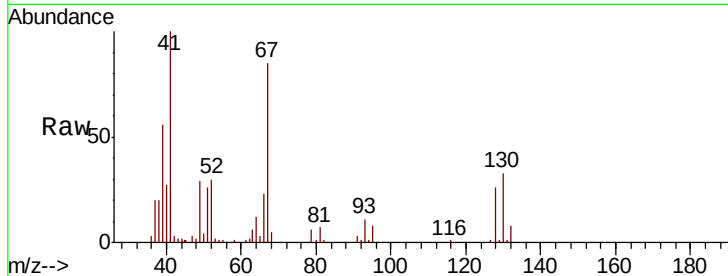
Ion Ratio Lower Upper

41 100

39 58.4 43.8 65.8

67 89.0 66.6 100.0

52 33.9 24.5 36.7

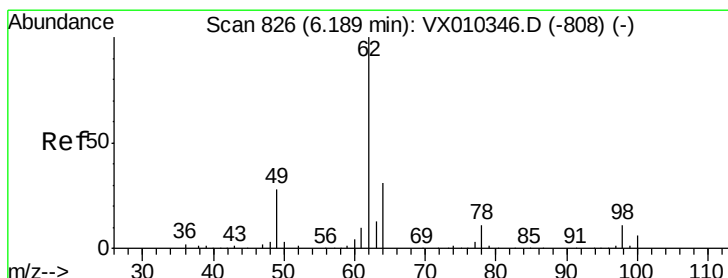
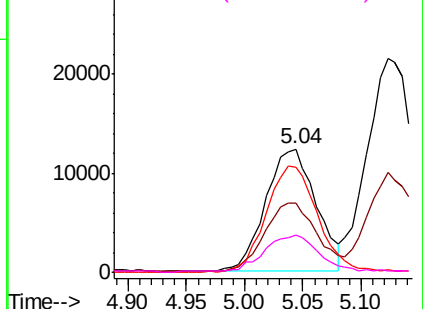


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 21.473 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX010403.D

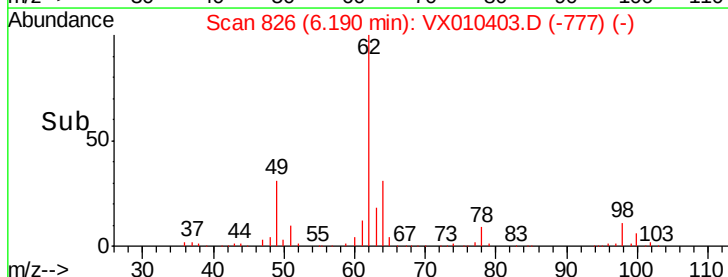
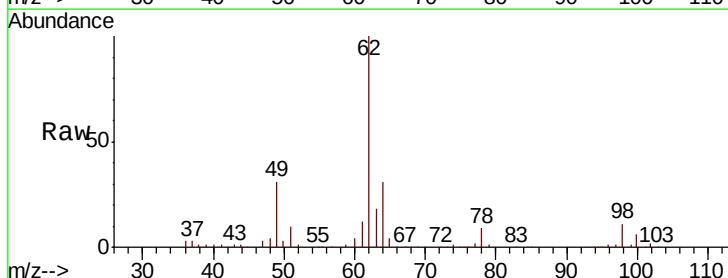
Acq: 24 Jun 2019 11:21

Tgt Ion: 62 Resp: 68521

Ion Ratio Lower Upper

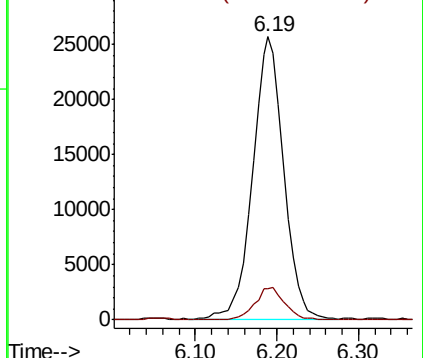
62 100

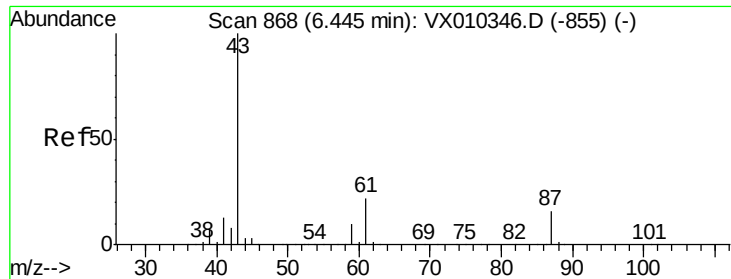
98 10.9 0.0 22.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.608 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX010403.D

Acq: 24 Jun 2019 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0624WBS01

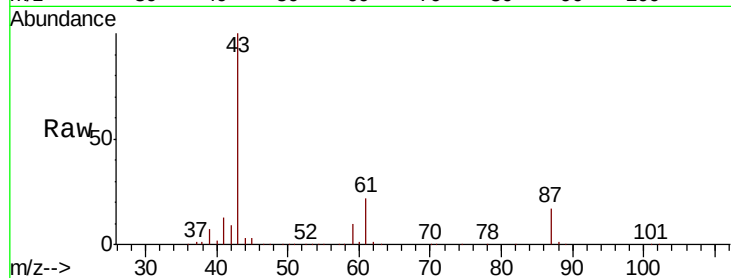
Tot Ion: 43 Resp: 118024

Ion Ratio Lower Upper

43 100

61 22.2 17.8 26.6

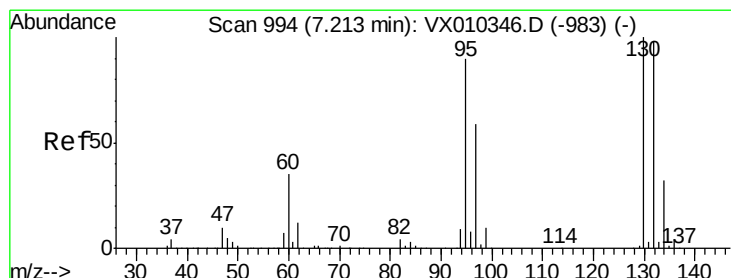
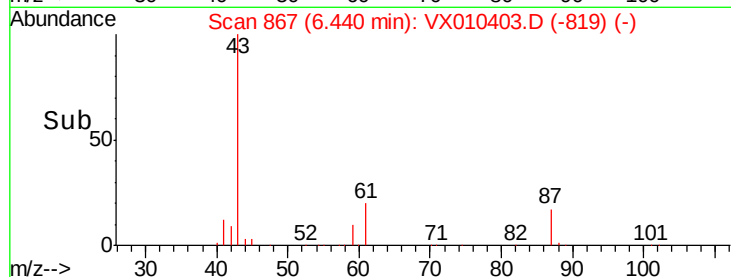
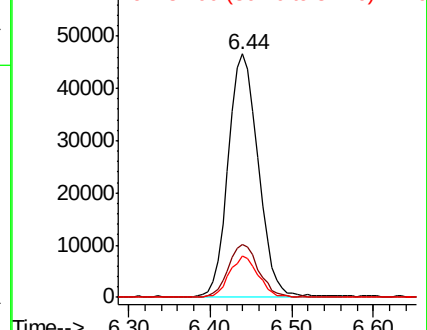
87 16.4 13.0 19.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 20.807 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX010403.D

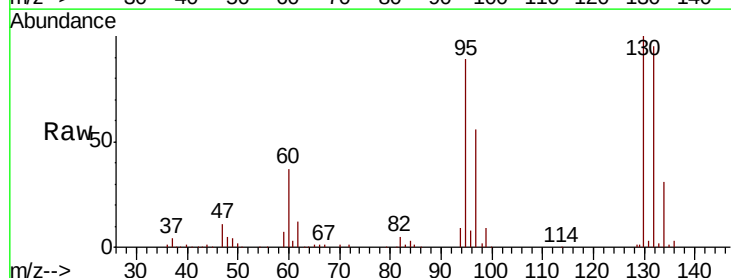
Acq: 24 Jun 2019 11:21

Tgt Ion:130 Resp: 65267

Ion Ratio Lower Upper

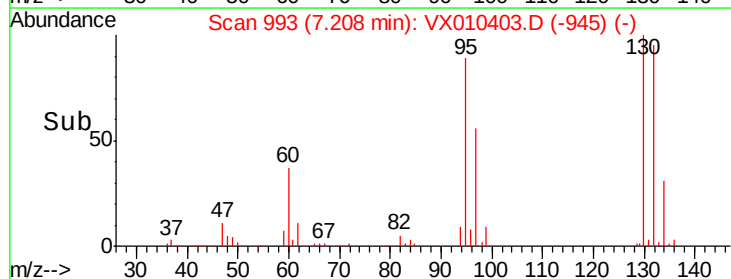
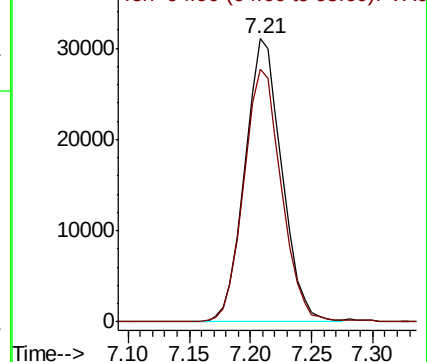
130 100

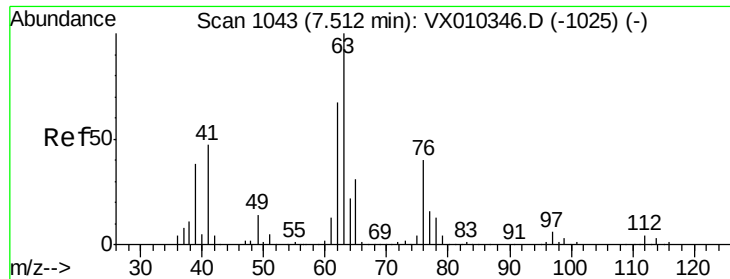
95 89.4 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

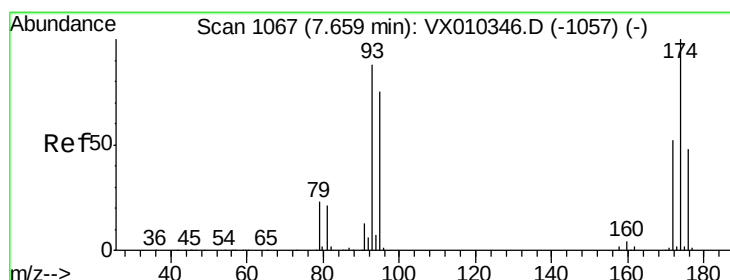
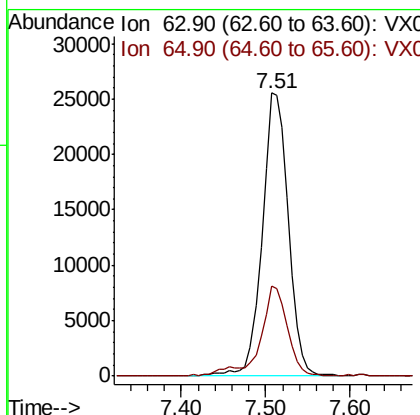
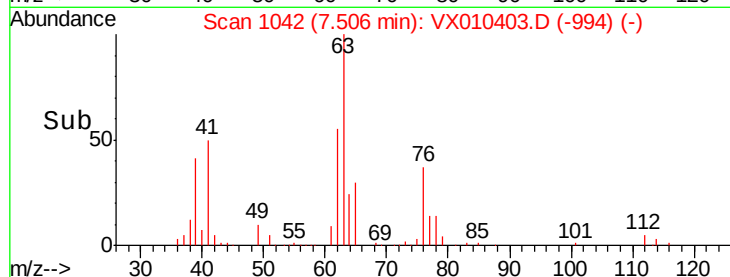
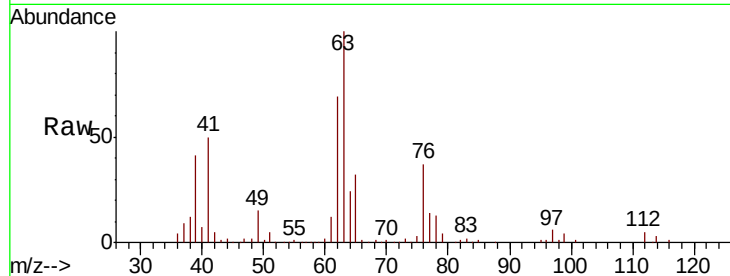




#45
 1,2-Dichloropropane
 Concen: 20.679 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX010403.D
 Acq: 24 Jun 2019 11:21

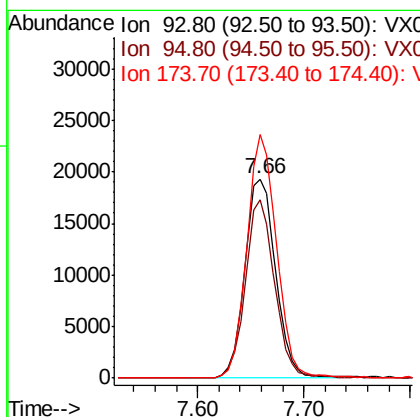
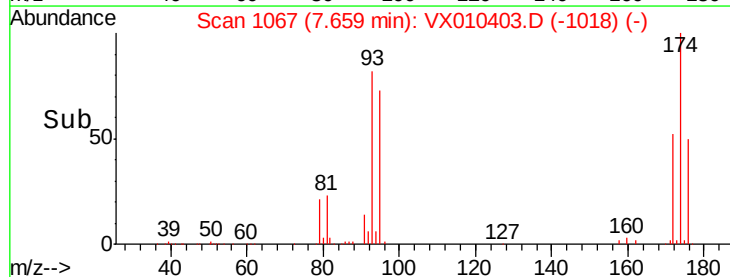
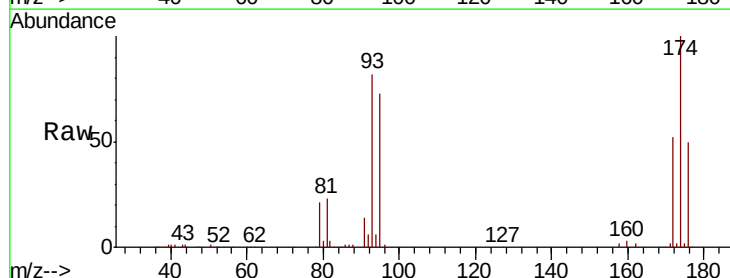
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0624WBS01

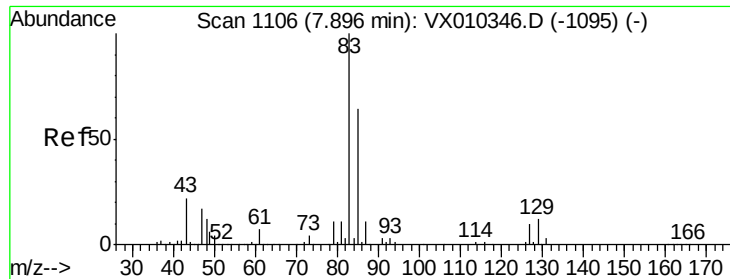
Tot Ion: 63 Resp: 54743
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.8 37.2



#46
 Dibromomethane
 Concen: 20.639 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010403.D
 Acq: 24 Jun 2019 11:21

Tgt Ion: 93 Resp: 39200
 Ion Ratio Lower Upper
 93 100
 95 85.5 67.5 101.3
 174 118.3 95.8 143.6





#47

Bromodichloromethane

Concen: 21.250 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX010403.D

Acq: 24 Jun 2019 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0624WBS01

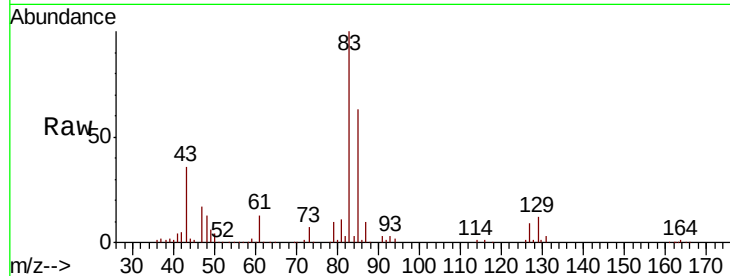
Tot Ion: 83 Resp: 73967

Ion Ratio Lower Upper

83 100

85 62.8 51.5 77.3

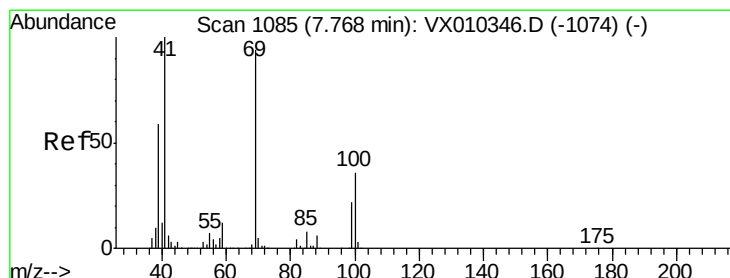
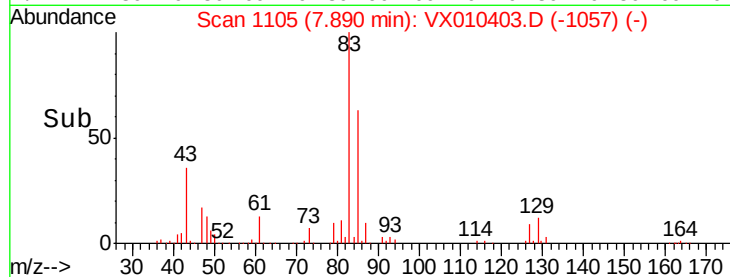
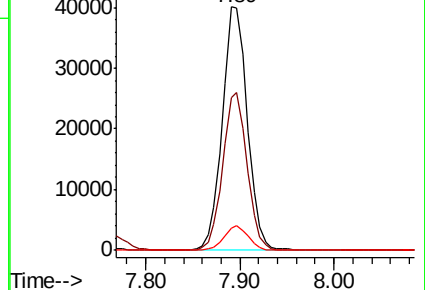
127 9.0 7.8 11.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.672 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. -0.01 min

Lab File: VX010403.D

Acq: 24 Jun 2019 11:21

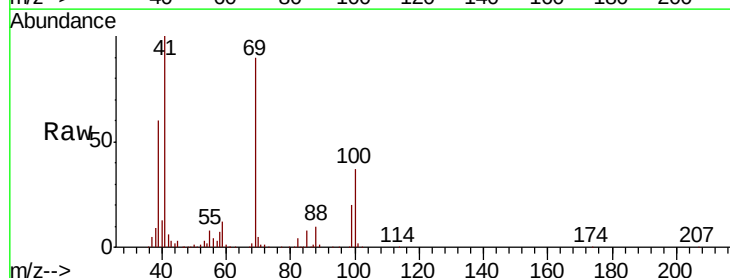
Tgt Ion: 41 Resp: 55031

Ion Ratio Lower Upper

41 100

69 93.8 76.1 114.1

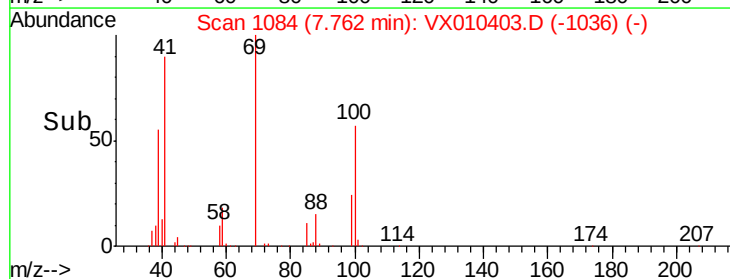
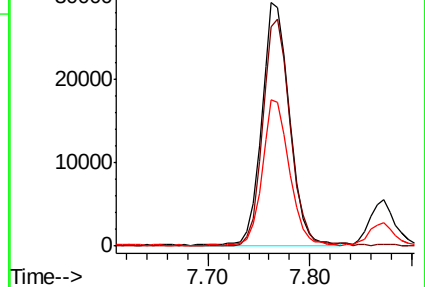
39 58.3 47.6 71.4

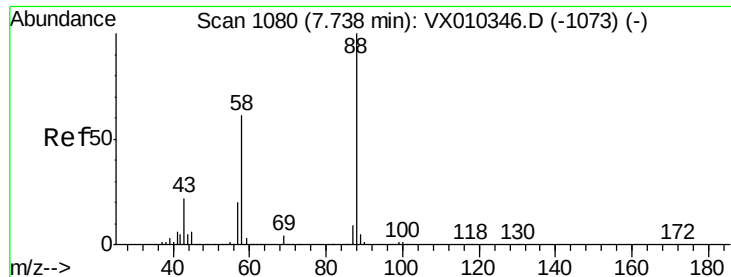


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 412.951 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX010403.D

Acq: 24 Jun 2019 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0624WBS01

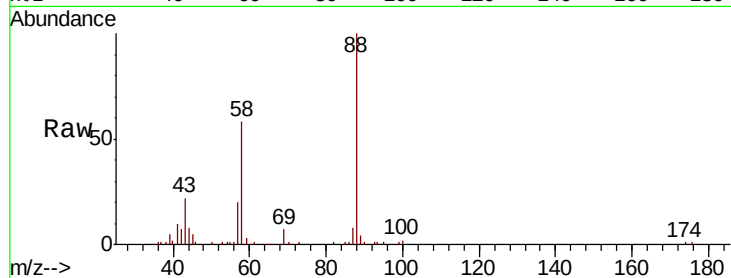
Tot Ion: 88 Resp: 31668

Ion Ratio Lower Upper

88 100

43 25.0 20.2 30.2

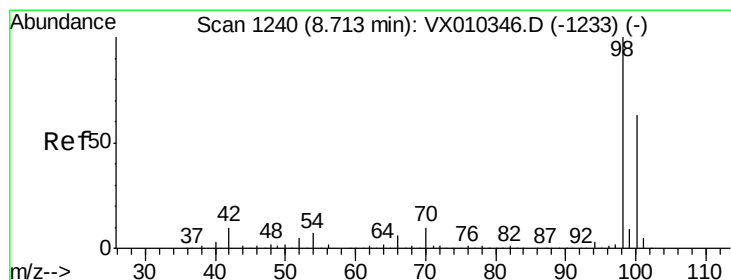
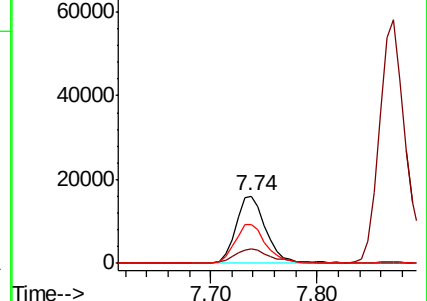
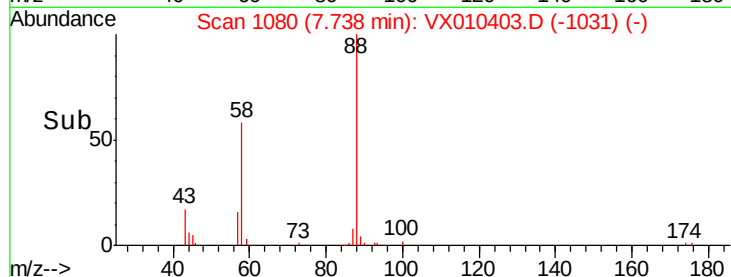
58 60.1 49.5 74.3



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



#50

Toluene-d8

Concen: 52.734 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010403.D

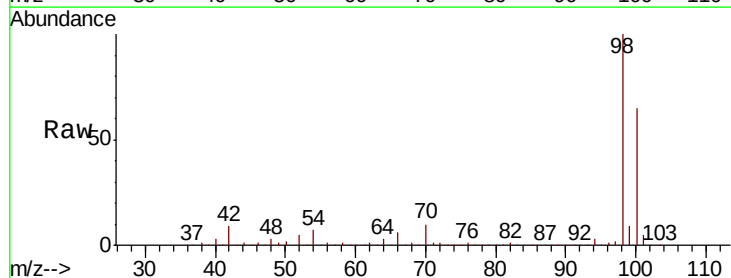
Acq: 24 Jun 2019 11:21

Tgt Ion: 98 Resp: 522677

Ion Ratio Lower Upper

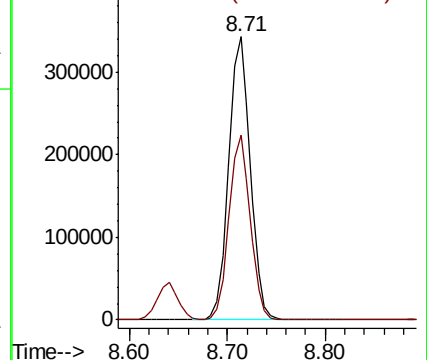
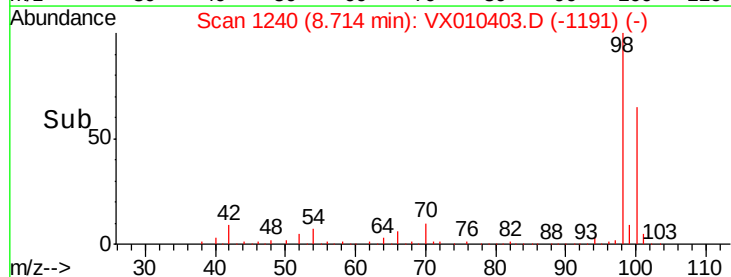
98 100

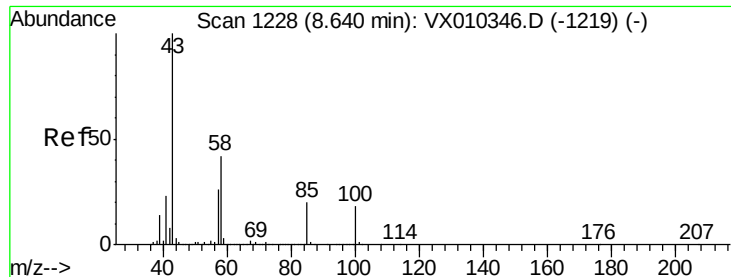
100 64.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

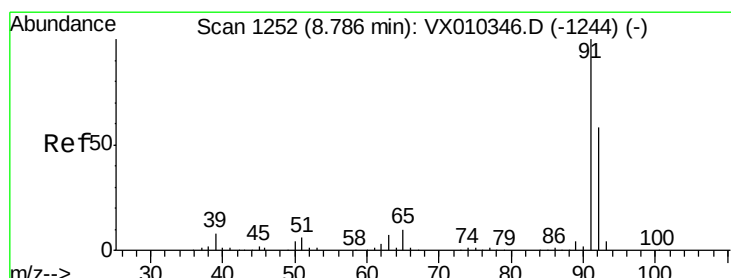
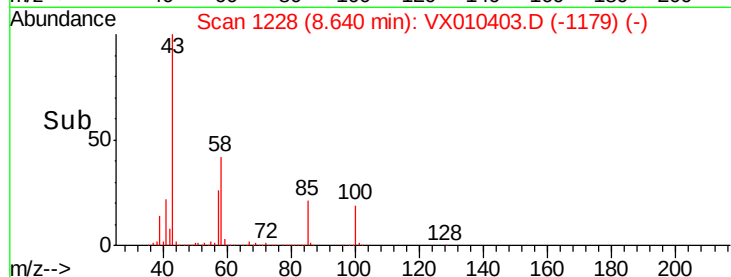
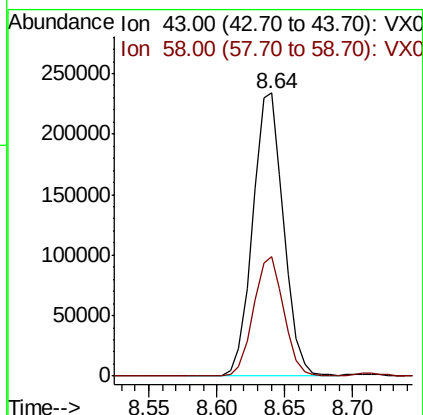
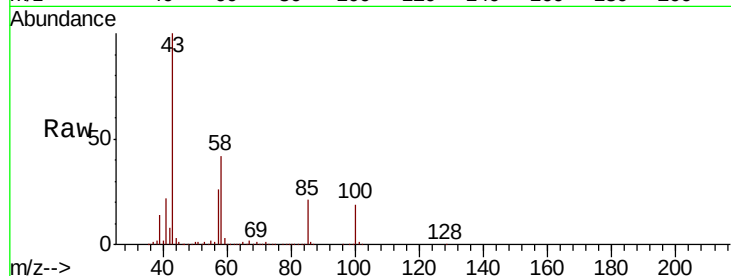




#51
4-Methyl-2-Pentanone
Concen: 101.471 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX010403.D
Acq: 24 Jun 2019 11:21

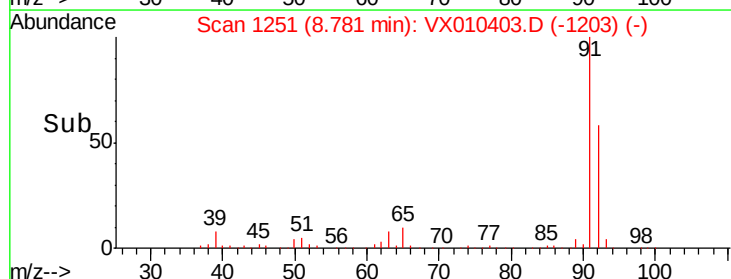
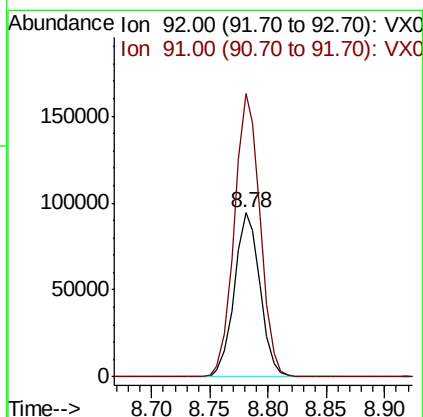
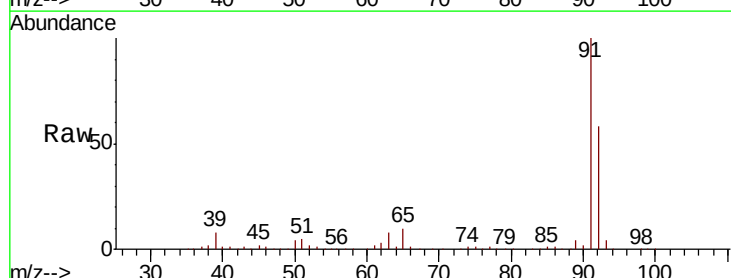
Instrument :
MSVOA_X
ClientSampled :
VX0624WBS01

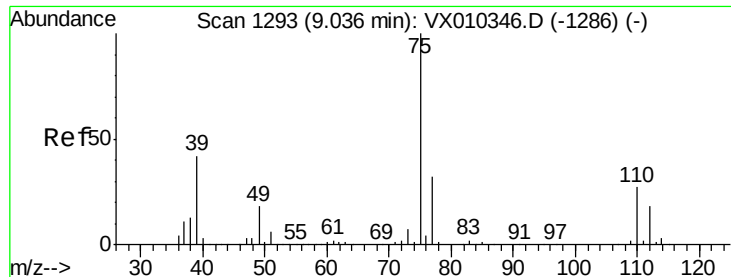
Tot Ion: 43 Resp: 371676
Ion Ratio Lower Upper
43 100
58 41.6 33.5 50.3



#52
Toluene
Concen: 20.982 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX010403.D
Acq: 24 Jun 2019 11:21

Tgt Ion: 92 Resp: 144849
Ion Ratio Lower Upper
92 100
91 173.5 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 20.610 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX010403.D

Acq: 24 Jun 2019 11:21

Instrument :

MSVOA_X

ClientSampleId :

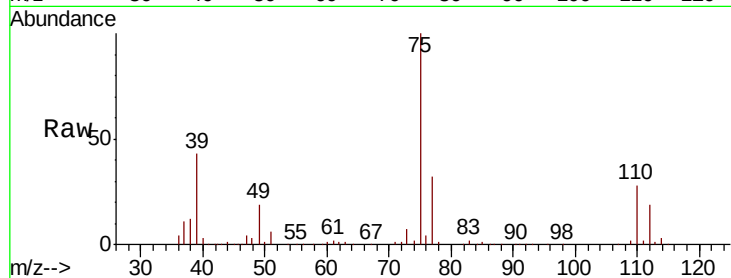
VX0624WBS01

Tot Ion: 75 Resp: 80428

Ion Ratio Lower Upper

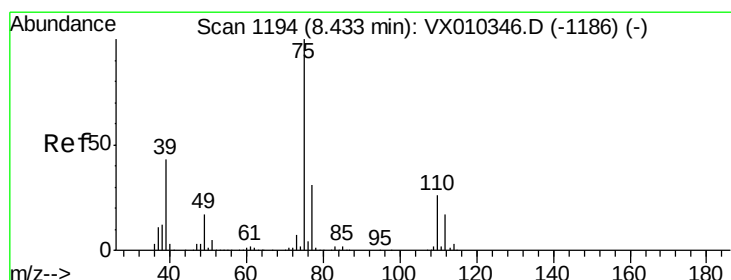
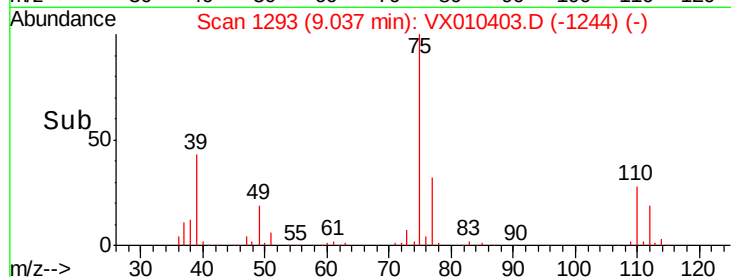
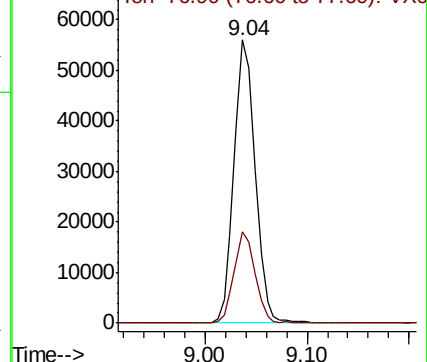
75 100

77 32.3 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 21.112 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX010403.D

Acq: 24 Jun 2019 11:21

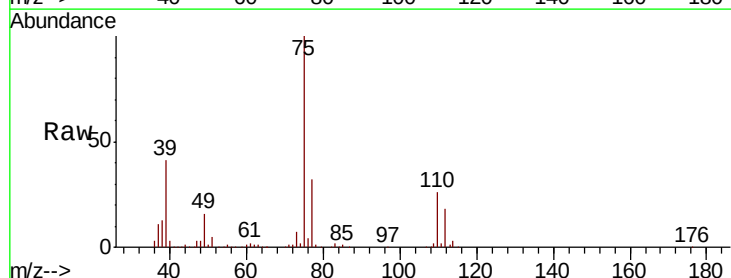
Tgt Ion: 75 Resp: 89531

Ion Ratio Lower Upper

75 100

77 31.6 25.2 37.8

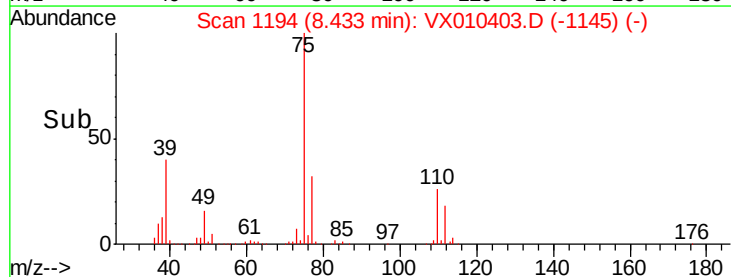
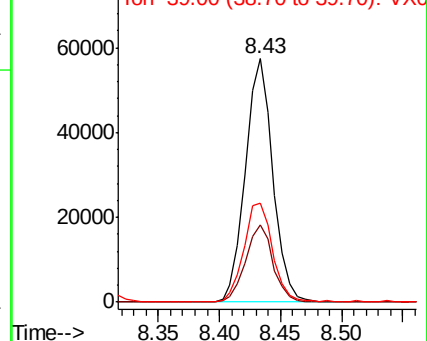
39 40.3 34.5 51.7

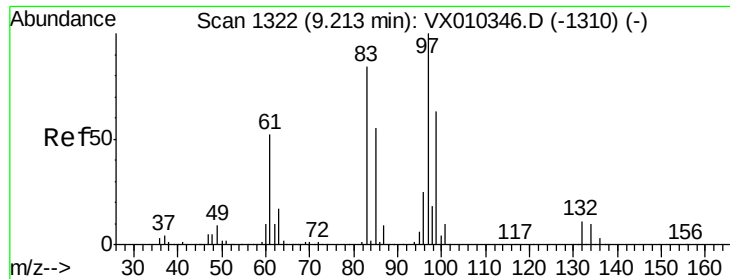


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 21.188 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX010403.D

Acq: 24 Jun 2019 11:21

Instrument :

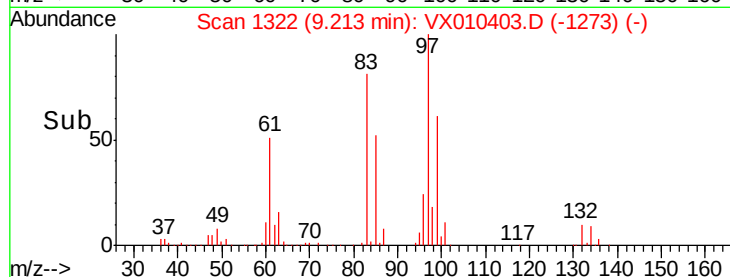
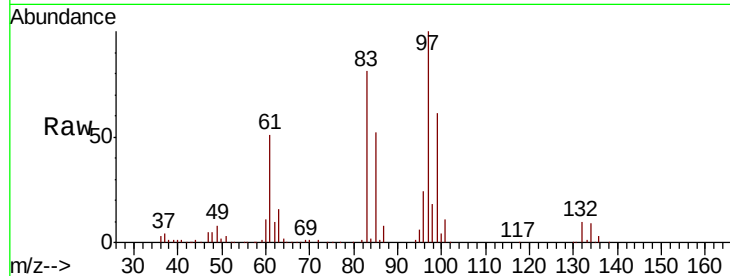
MSVOA_X

ClientSampleId :

VX0624WBS01

Tot Ion: 97 Resp: 60324

Ion	Ratio	Lower	Upper
97	100		
83	81.3	67.4	101.0
85	52.0	43.8	65.8
99	61.1	50.3	75.5

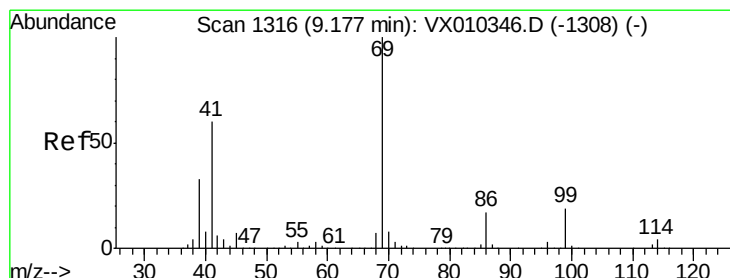
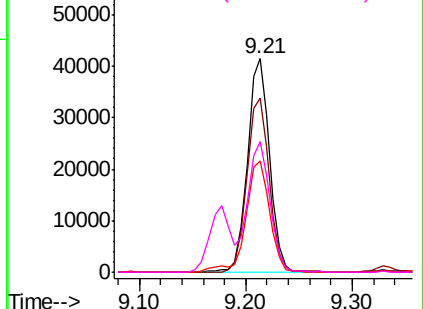


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 20.404 ug/l

RT: 9.18 min Scan# 1316

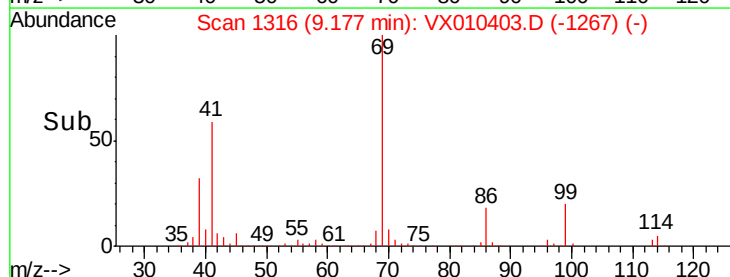
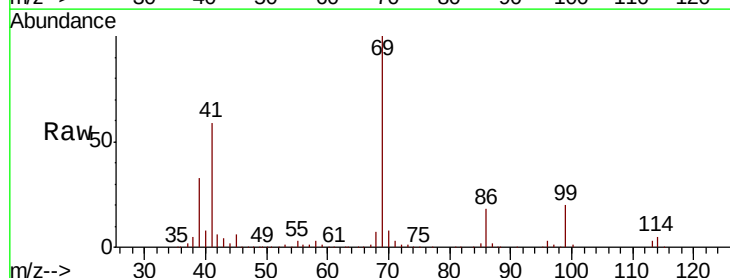
Delta R.T. 0.00 min

Lab File: VX010403.D

Acq: 24 Jun 2019 11:21

Tgt Ion: 69 Resp: 88005

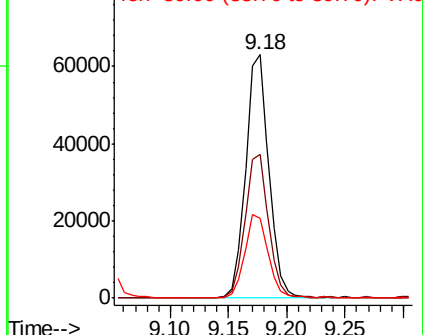
Ion	Ratio	Lower	Upper
69	100		
41	59.5	47.1	70.7
39	34.3	26.6	40.0

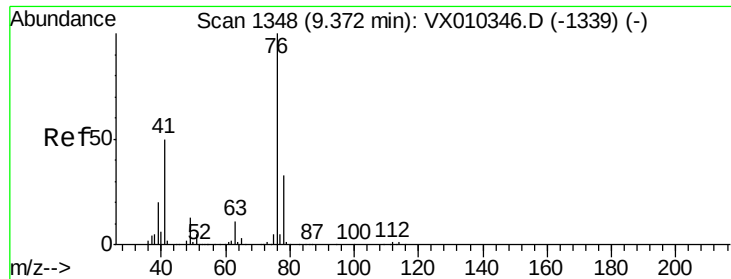


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

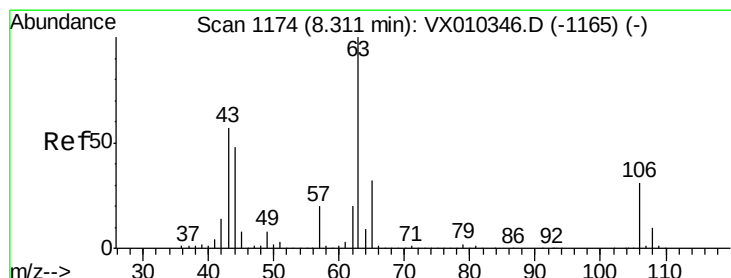
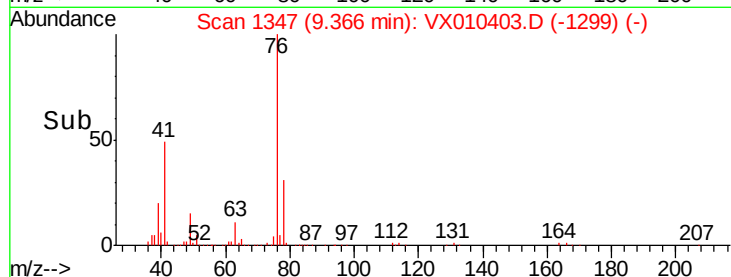
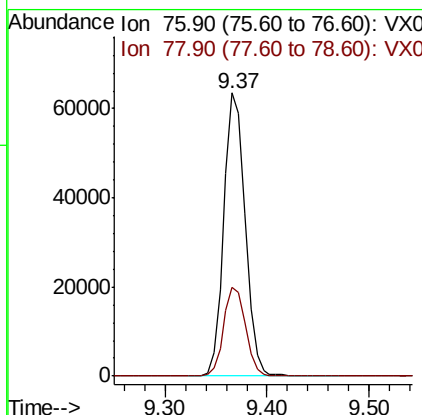
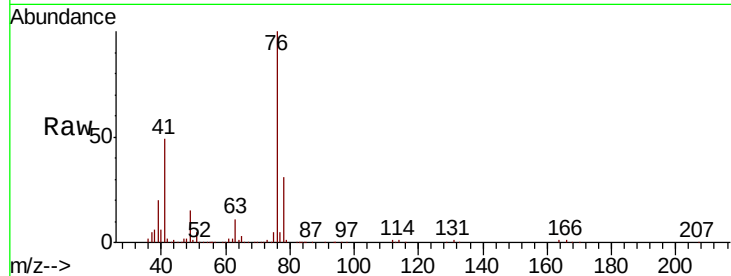




#57
 1,3-Dichloropropane
 Concen: 20.985 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX010403.D
 Acq: 24 Jun 2019 11:21

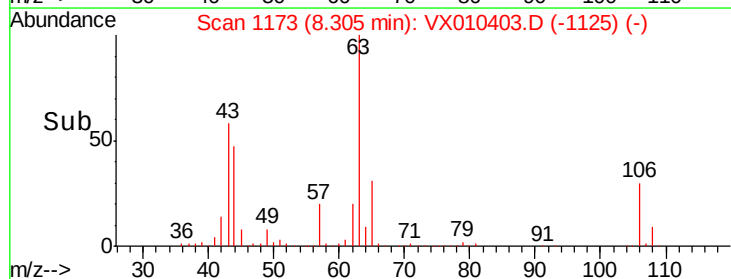
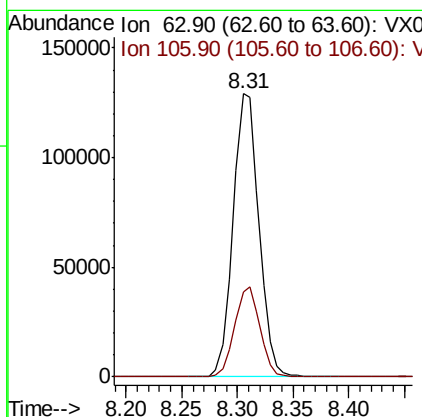
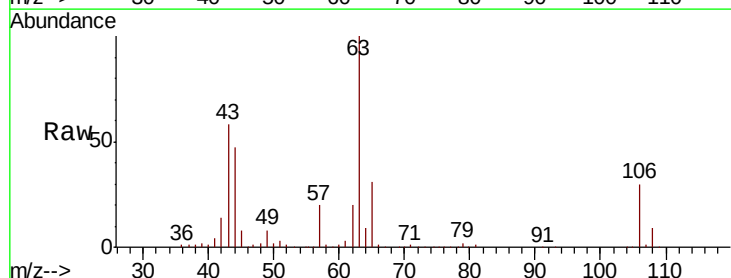
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0624WBS01

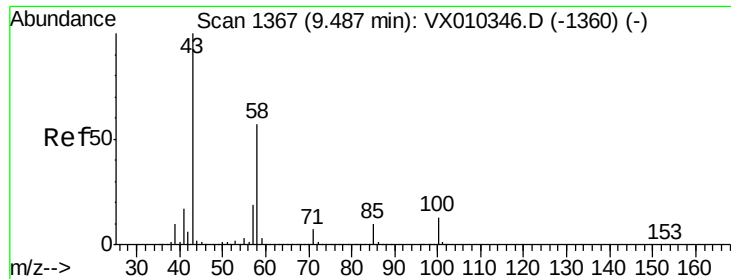
Tot Ion: 76 Resp: 92747
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.033 ug/l
 RT: 8.31 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: VX010403.D
 Acq: 24 Jun 2019 11:21

Tgt Ion: 63 Resp: 206954
 Ion Ratio Lower Upper
 63 100
 106 31.2 24.7 37.1

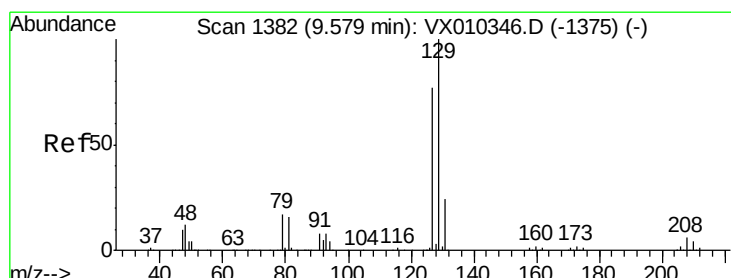
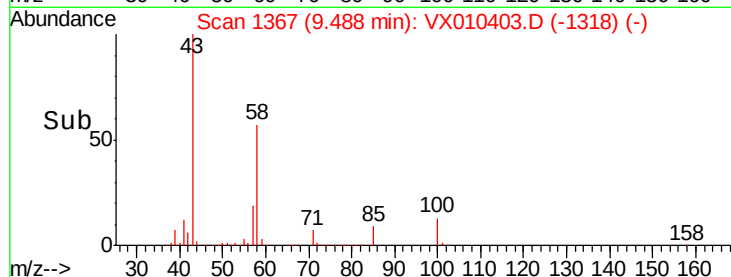
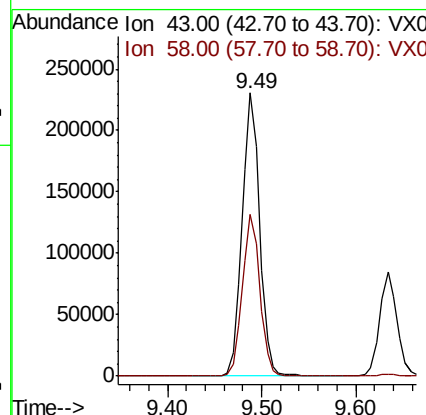
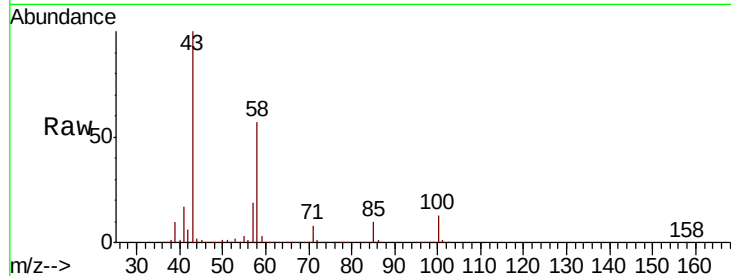




#59
2-Hexanone
Concen: 103.211 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010403.D
Acq: 24 Jun 2019 11:21

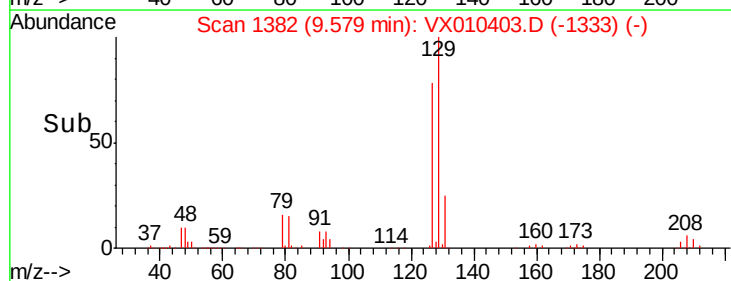
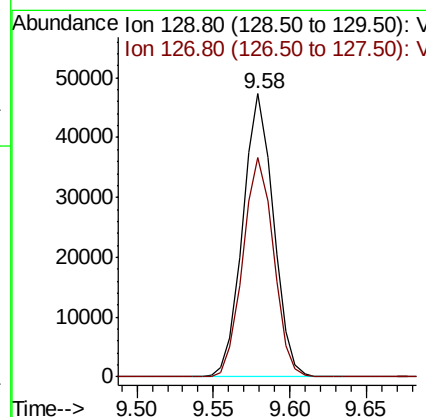
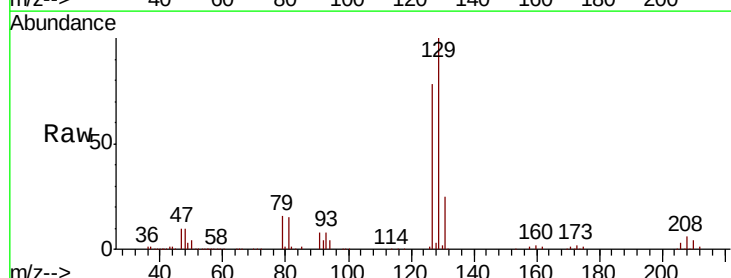
Instrument :
MSVOA_X
ClientSampleId :
VX0624WBS01

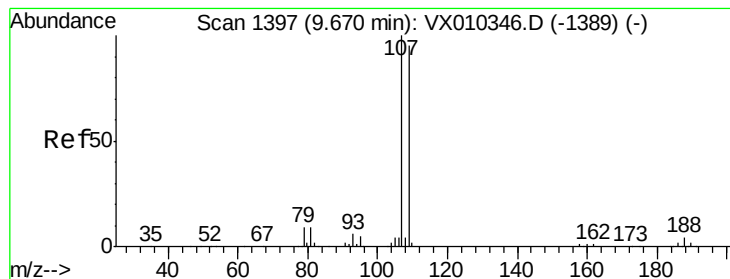
Tot Ion: 43 Resp: 297537
Ion Ratio Lower Upper
43 100
58 57.7 29.0 87.1



#60
Dibromochloromethane
Concen: 20.737 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010403.D
Acq: 24 Jun 2019 11:21

Tgt Ion: 129 Resp: 66106
Ion Ratio Lower Upper
129 100
127 77.6 38.4 115.1





#61

1,2-Dibromoethane

Concen: 20.677 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010403.D

Acq: 24 Jun 2019 11:21

Instrument :

MSVOA_X

ClientSampleId :

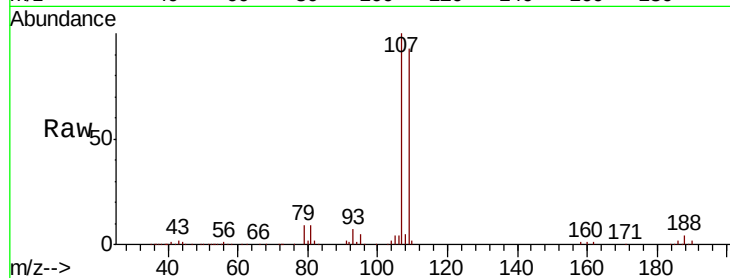
VX0624WBS01

Tot Ion: 107 Resp: 63542

Ion Ratio Lower Upper

107 100

109 93.7 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

50000

40000

30000

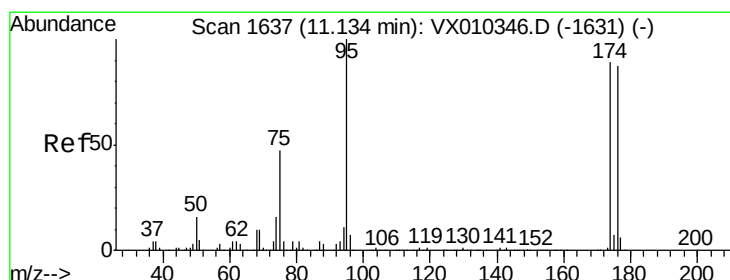
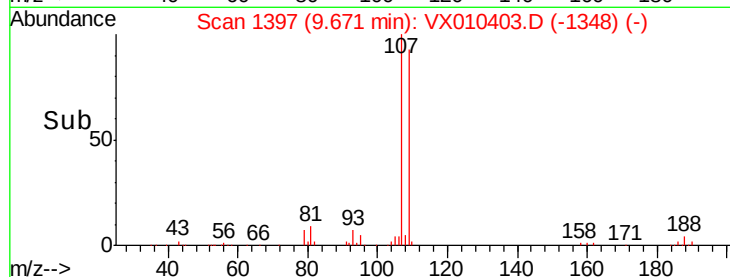
20000

10000

0

9.60 9.65 9.70 9.75 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 51.717 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010403.D

Acq: 24 Jun 2019 11:21

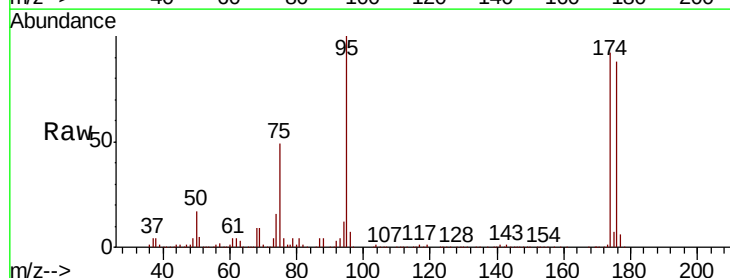
Tgt Ion: 95 Resp: 185060

Ion Ratio Lower Upper

95 100

174 95.2 0.0 187.6

176 92.9 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

150000

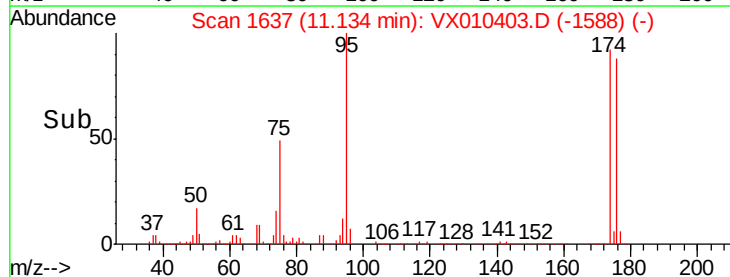
100000

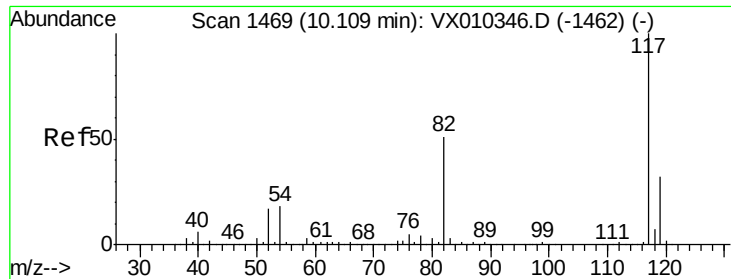
50000

0

11.10 11.13 11.16 11.19 11.22

Time-->

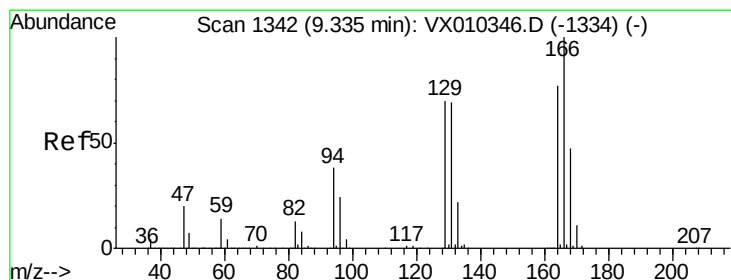
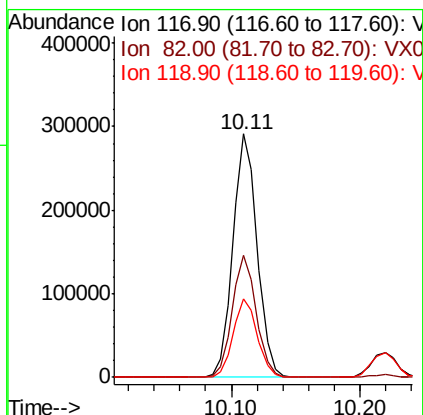
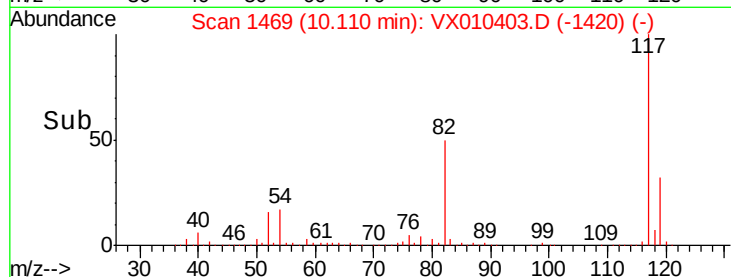
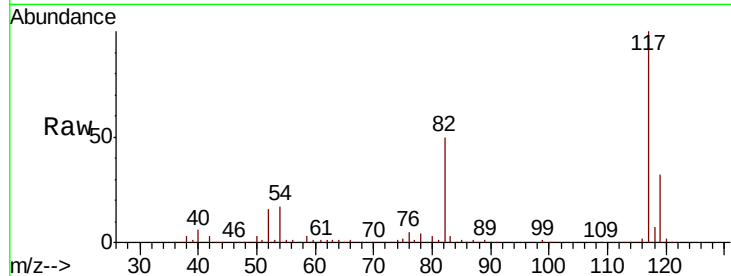




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010403.D
Acq: 24 Jun 2019 11:21

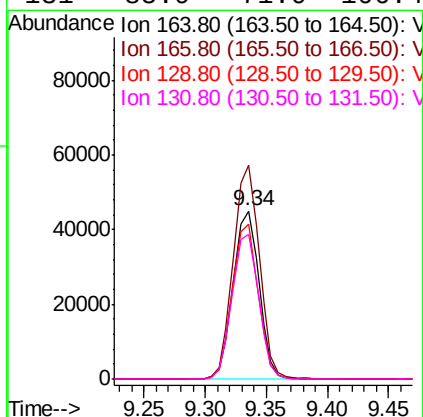
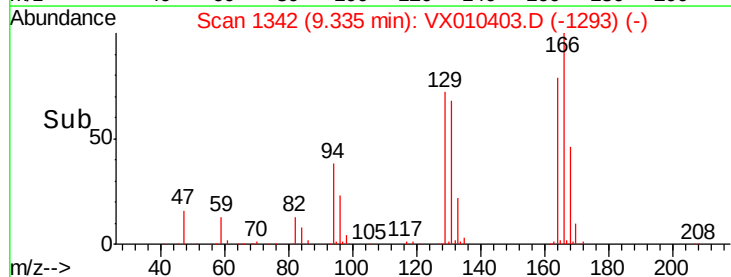
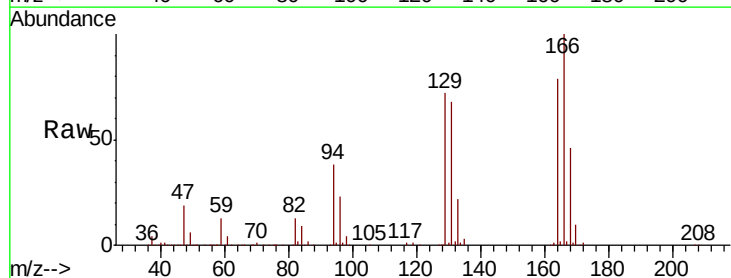
Instrument :
MSVOA_X
ClientSampleId :
VX0624WBS01

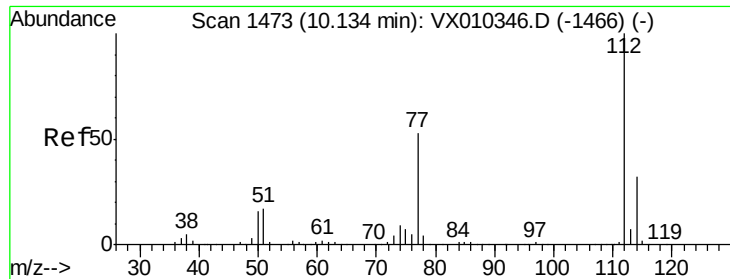
Tot Ion:117 Resp: 382373
Ion Ratio Lower Upper
117 100
82 49.9 41.2 61.8
119 32.1 25.5 38.3



#64
Tetrachloroethene
Concen: 21.326 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010403.D
Acq: 24 Jun 2019 11:21

Tgt Ion:164 Resp: 65956
Ion Ratio Lower Upper
164 100
166 127.0 103.6 155.4
129 91.8 73.0 109.4
131 85.9 71.0 106.4

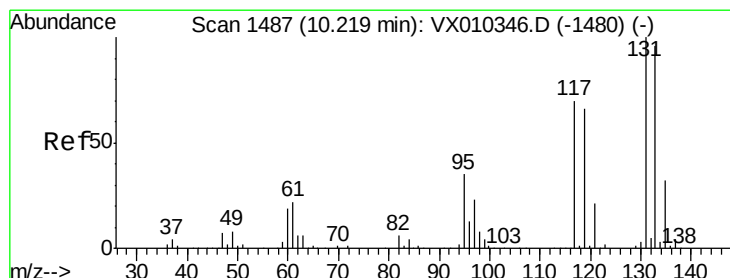
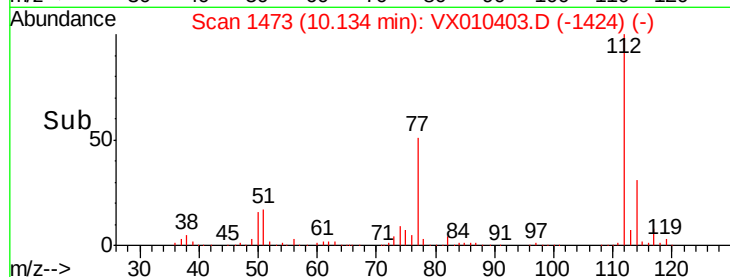
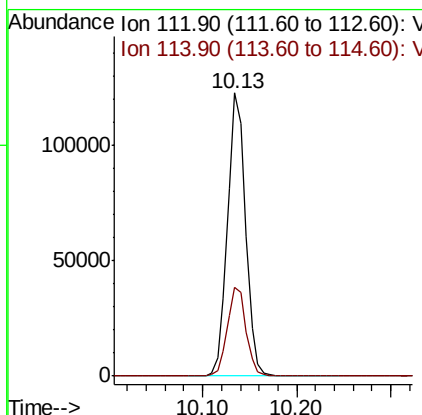
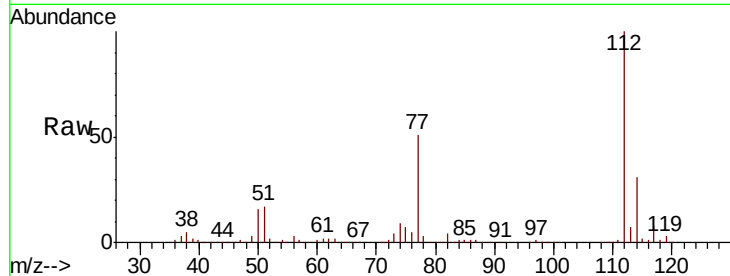




#65
Chlorobenzene
Concen: 21.126 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010403.D
Acq: 24 Jun 2019 11:21

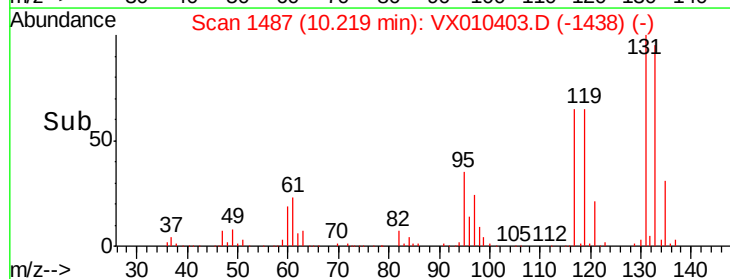
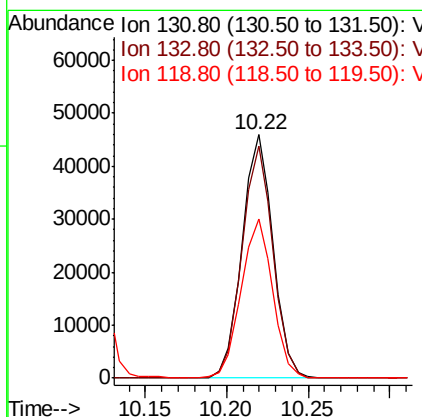
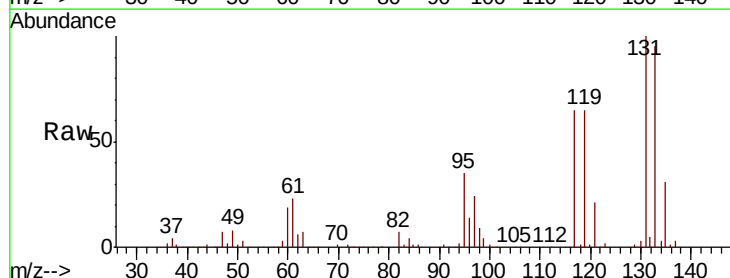
Instrument :
MSVOA_X
ClientSampled :
VX0624WBS01

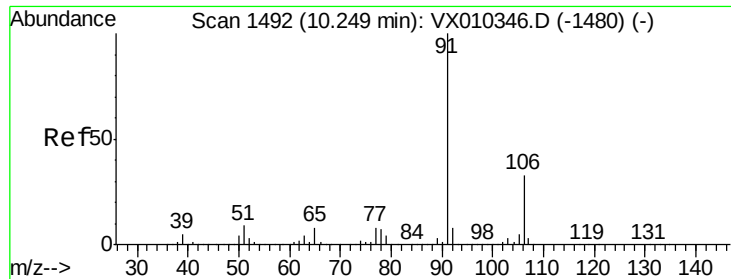
Tot Ion:112 Resp: 163997
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 21.503 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010403.D
Acq: 24 Jun 2019 11:21

Tgt Ion:131 Resp: 60803
Ion Ratio Lower Upper
131 100
133 95.4 47.7 143.1
119 66.4 32.6 97.7

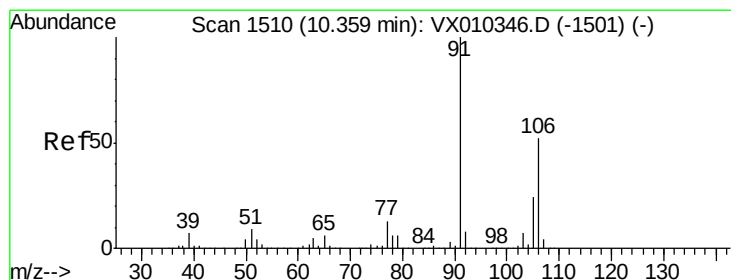
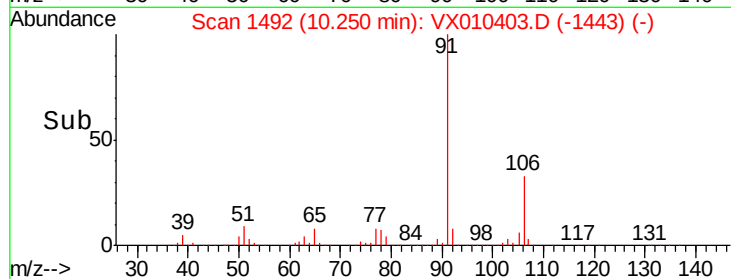
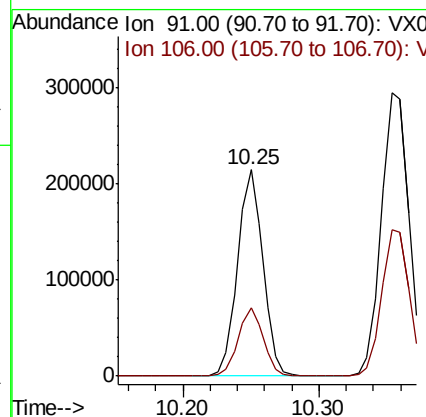
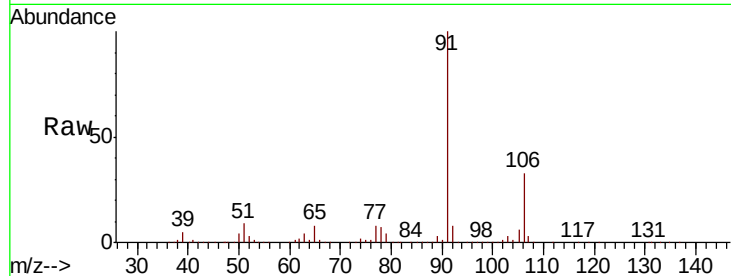




#67
Ethyl Benzene
Concen: 21.178 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010403.D
Acq: 24 Jun 2019 11:21

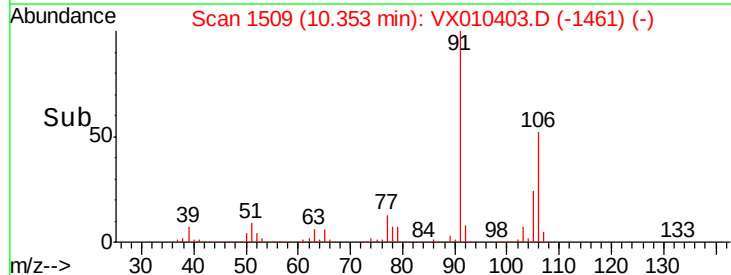
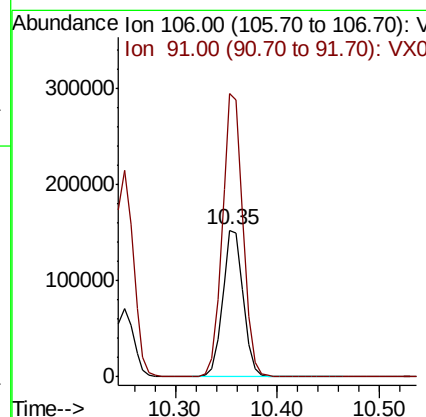
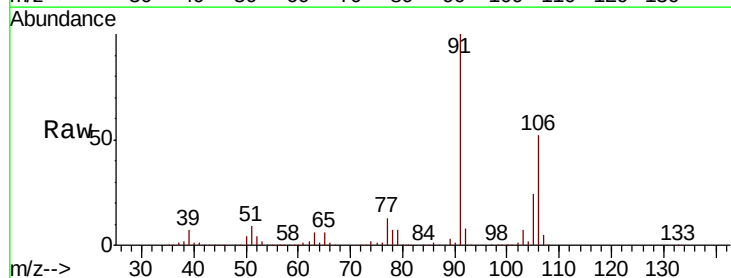
Instrument :
MSVOA_X
ClientSampled :
VX0624WBS01

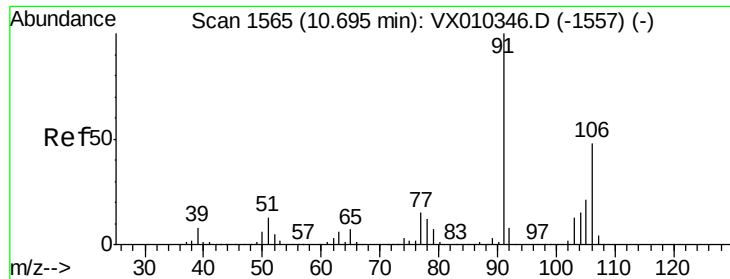
Tot Ion: 91 Resp: 277545
Ion Ratio Lower Upper
91 100
106 33.2 26.2 39.2



#68
m/p-Xylenes
Concen: 42.335 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010403.D
Acq: 24 Jun 2019 11:21

Tgt Ion: 106 Resp: 214981
Ion Ratio Lower Upper
106 100
91 193.2 155.3 232.9

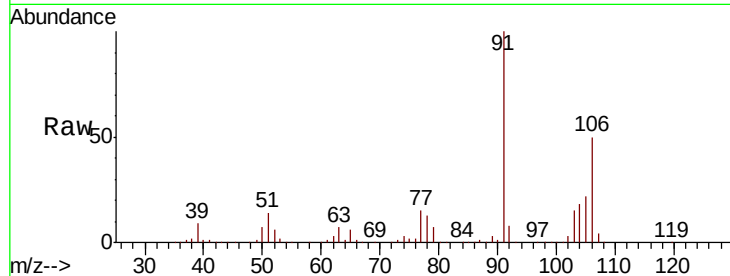




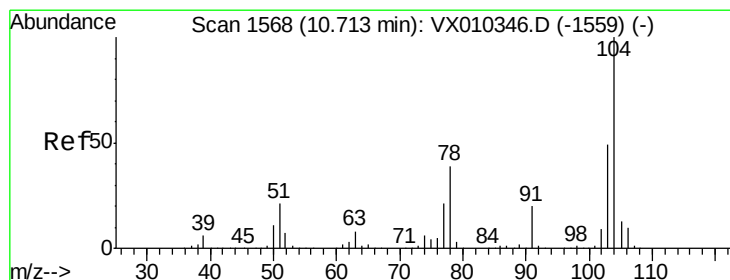
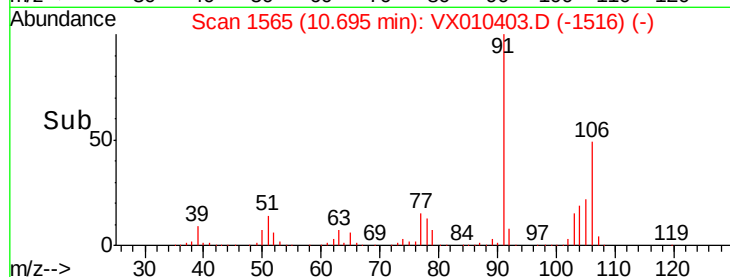
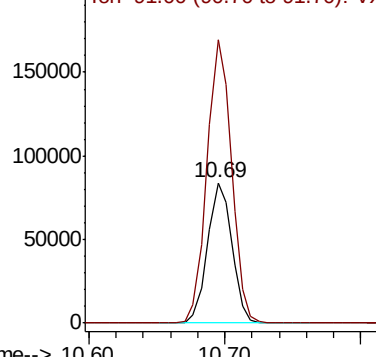
#69
o-Xylene
Concen: 21.091 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010403.D
Acq: 24 Jun 2019 11:21

Instrument :
MSVOA_X
ClientSampled :
VX0624WBS01

Tot Ion:106 Resp: 105325
Ion Ratio Lower Upper
106 100
91 202.4 102.7 308.1

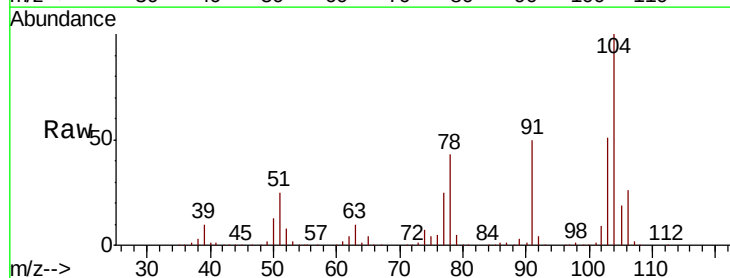


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

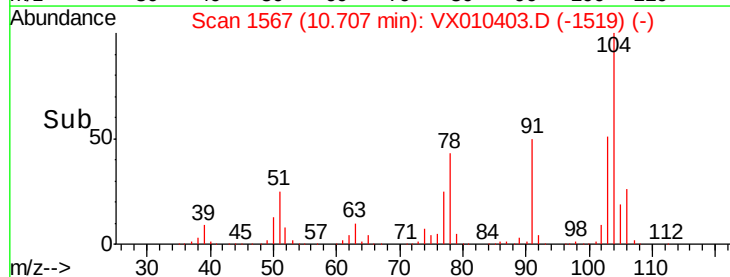
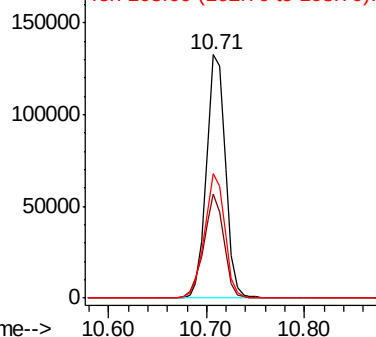


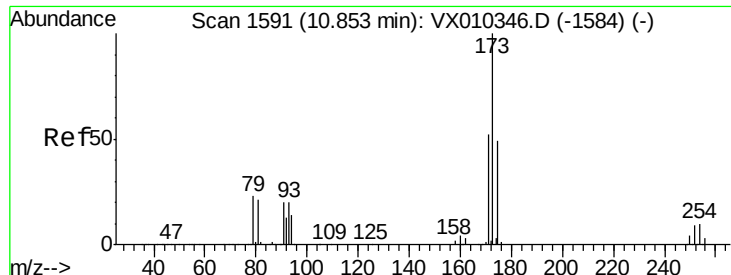
#70
Styrene
Concen: 21.461 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010403.D
Acq: 24 Jun 2019 11:21

Tgt Ion:104 Resp: 179731
Ion Ratio Lower Upper
104 100
78 44.9 36.2 54.2
103 54.3 44.2 66.4



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





#71

Bromoform

Concen: 20.887 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010403.D

Acq: 24 Jun 2019 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0624WBS01

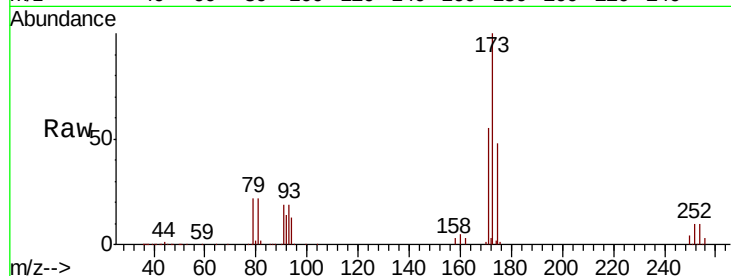
Tot Ion:173 Resp: 51361

Ion Ratio Lower Upper

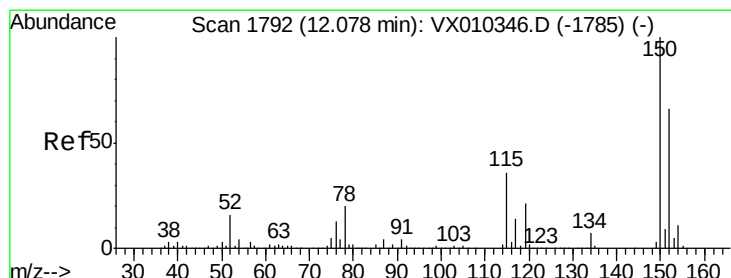
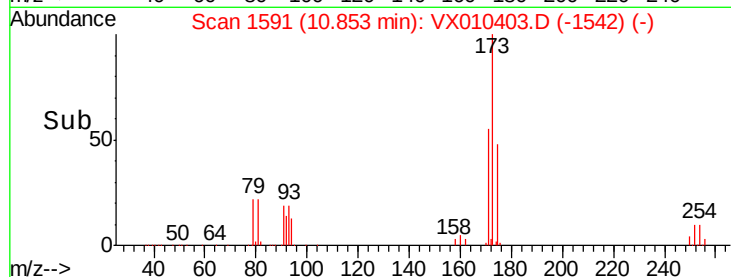
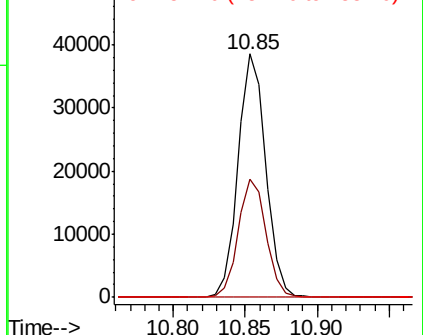
173 100

175 49.2 24.1 72.3

254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010403.D

Acq: 24 Jun 2019 11:21

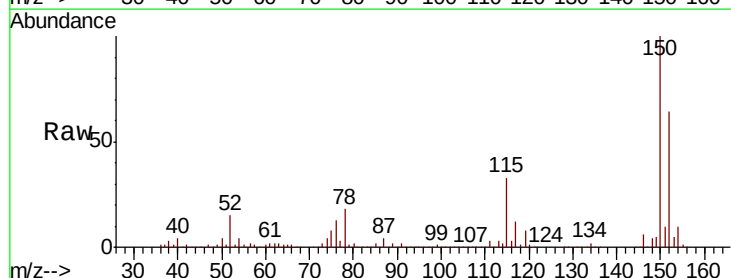
Tgt Ion:152 Resp: 198071

Ion Ratio Lower Upper

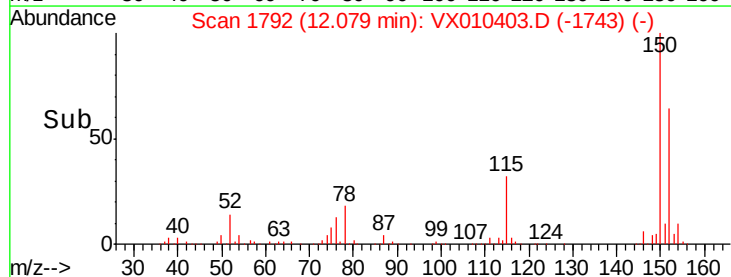
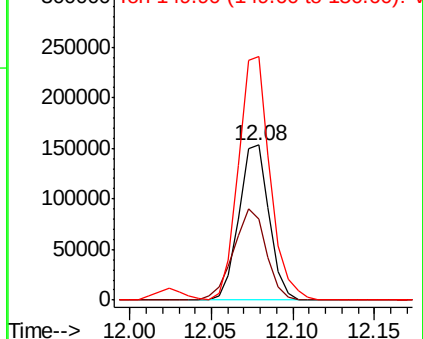
152 100

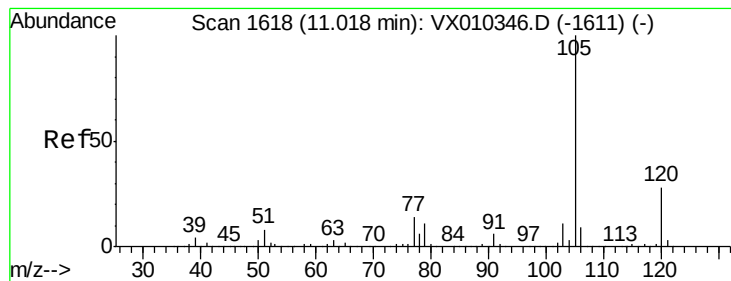
115 63.5 38.6 115.7

150 163.7 0.0 347.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.981 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010403.D

Acq: 24 Jun 2019 11:21

Instrument :

MSVOA_X

ClientSampleId :

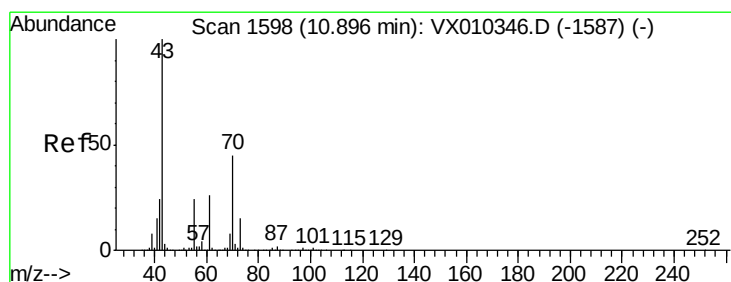
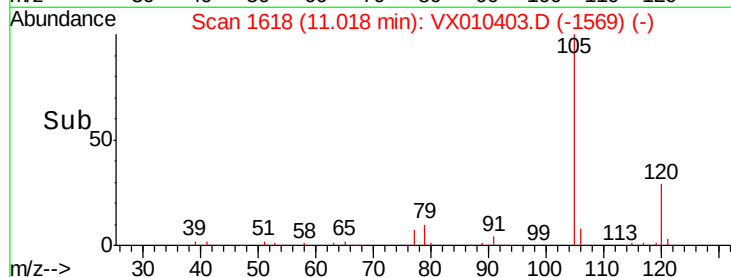
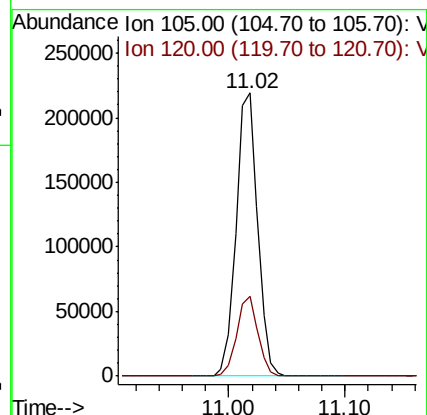
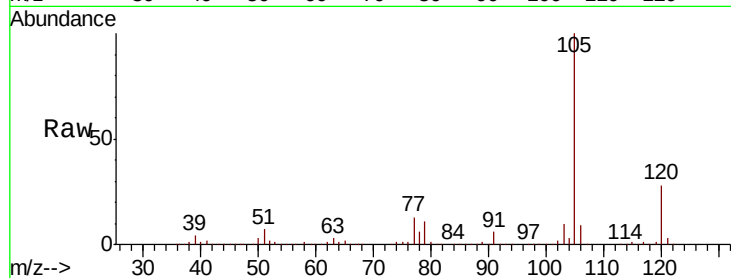
VX0624WBS01

Tot Ion:105 Resp: 281706

Ion Ratio Lower Upper

105 100

120 27.6 14.1 42.4



#74

N-ethyl acetate

Concen: 20.523 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010403.D

Acq: 24 Jun 2019 11:21

Tgt Ion: 43 Resp: 104140

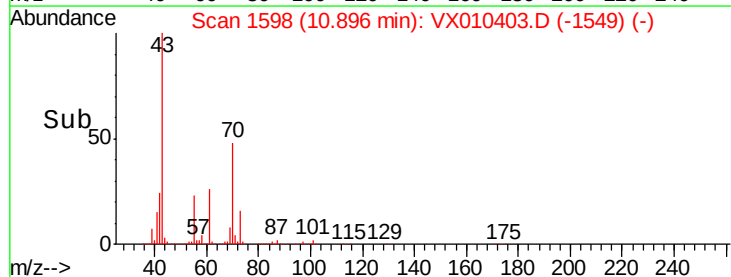
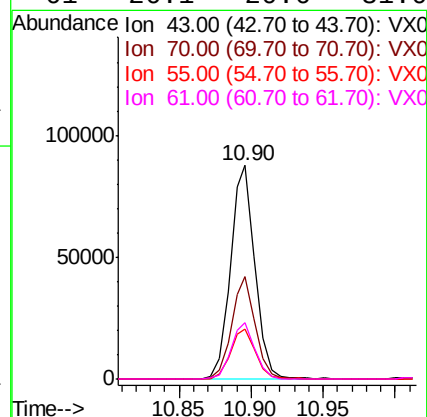
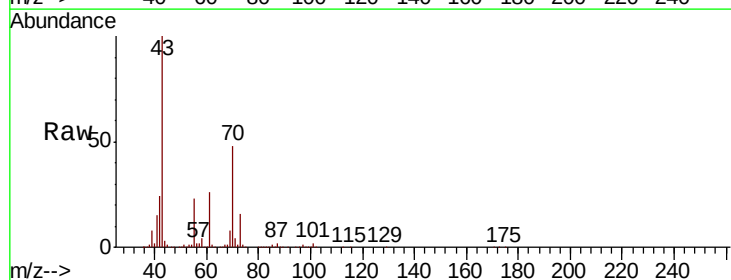
Ion Ratio Lower Upper

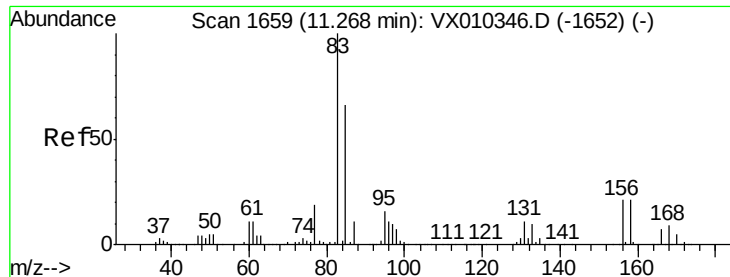
43 100

70 46.5 36.6 54.8

55 24.0 18.7 28.1

61 26.1 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.144 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX010403.D

Acq: 24 Jun 2019 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0624WBS01

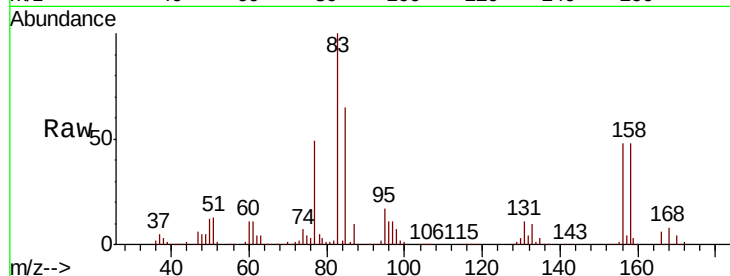
Tot Ion: 83 Resp: 89574

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.4

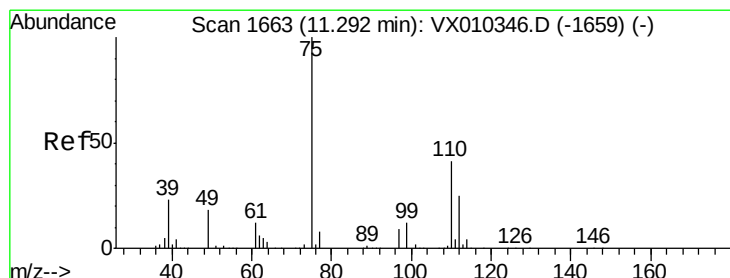
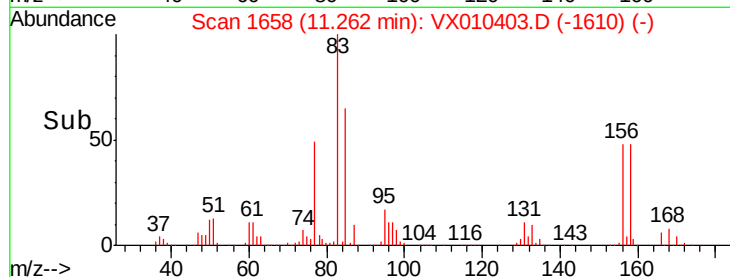
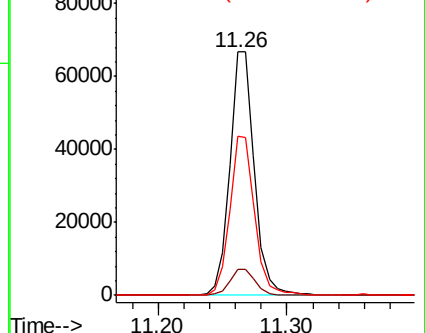
85 66.0 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 27.733 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010403.D

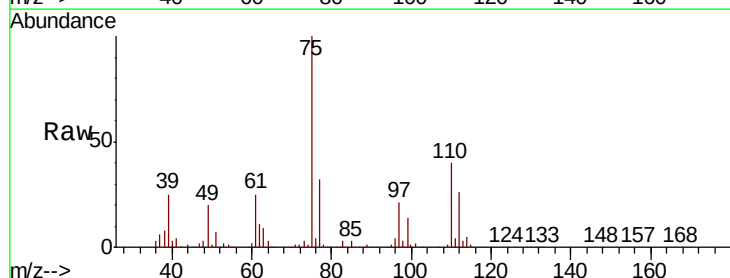
Acq: 24 Jun 2019 11:21

Tgt Ion: 75 Resp: 100098

Ion Ratio Lower Upper

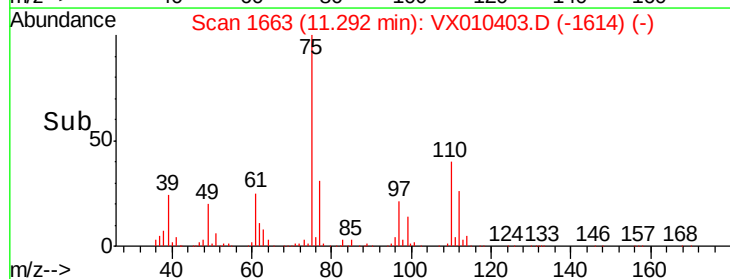
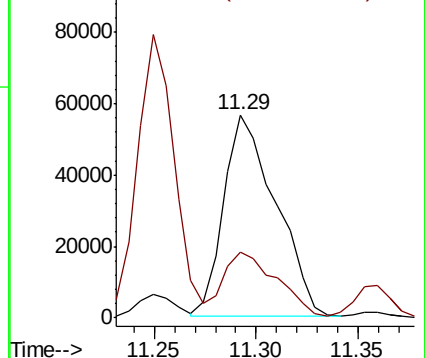
75 100

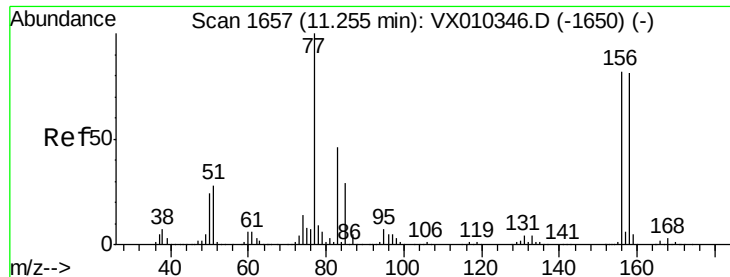
77 33.7 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

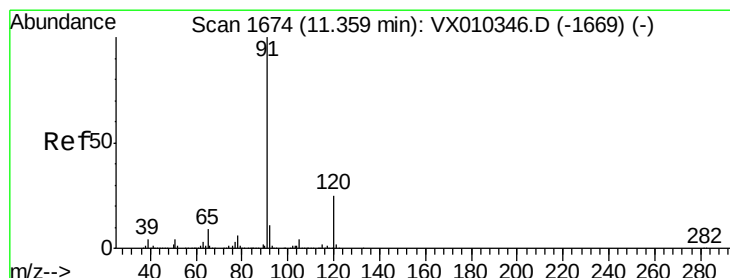
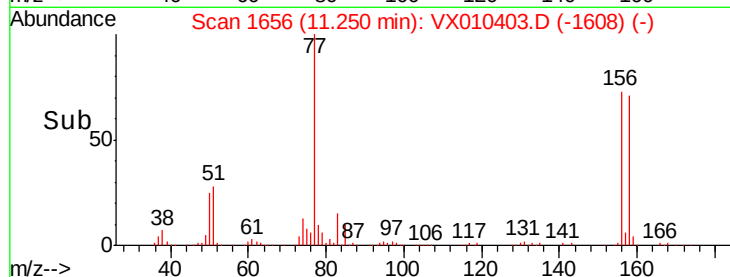
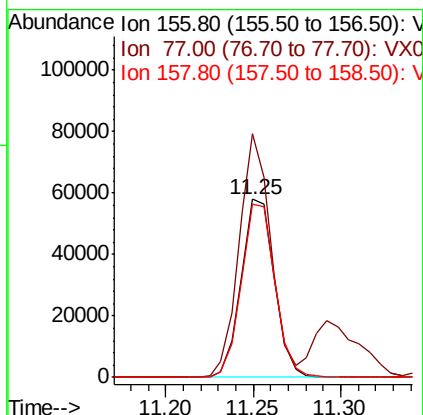
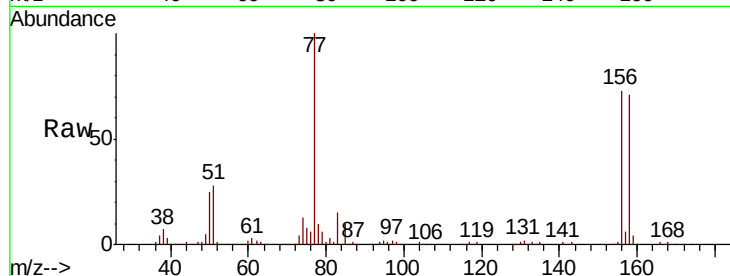




#77
Bromobenzene
Concen: 20.430 ug/l
RT: 11.25 min Scan# 1656
Delta R.T. -0.01 min
Lab File: VX010403.D
Acq: 24 Jun 2019 11:21

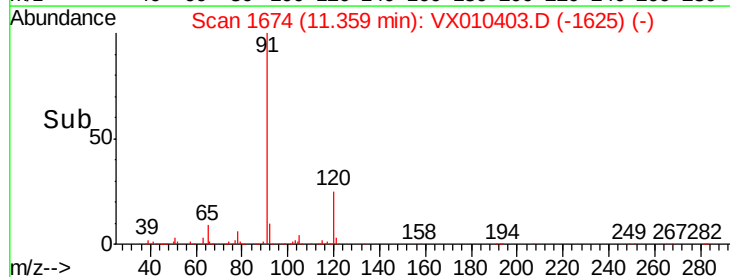
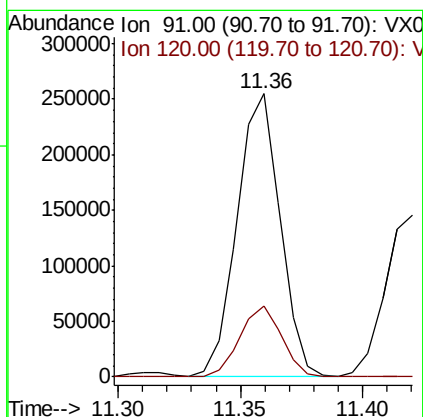
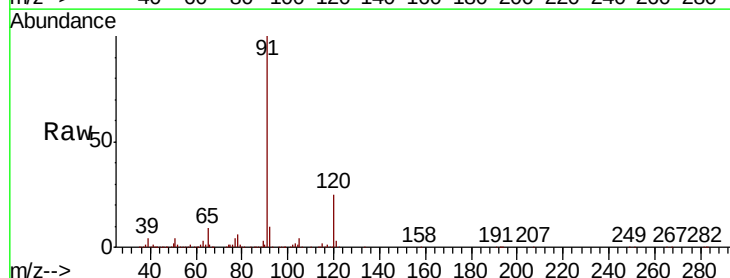
Instrument :
MSVOA_X
ClientSampleId :
VX0624WBS01

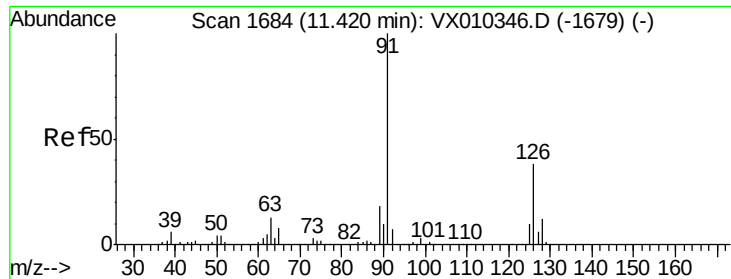
Tot Ion:156 Resp: 76595
Ion Ratio Lower Upper
156 100
77 130.5 66.3 198.7
158 98.6 48.9 146.7



#78
n-propylbenzene
Concen: 21.061 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX010403.D
Acq: 24 Jun 2019 11:21

Tgt Ion: 91 Resp: 310796
Ion Ratio Lower Upper
91 100
120 24.8 12.4 37.4





#79

2-Chlorotoluene

Concen: 20.799 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010403.D

Acq: 24 Jun 2019 11:21

Instrument :

MSVOA_X

ClientSampleId :

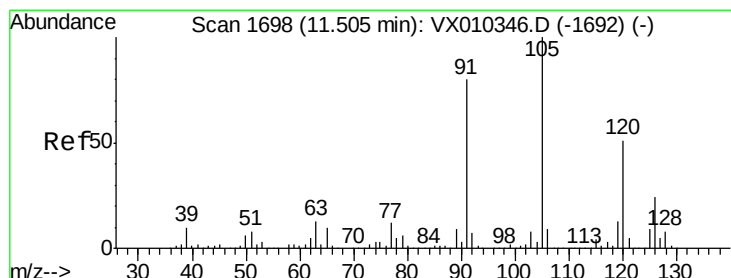
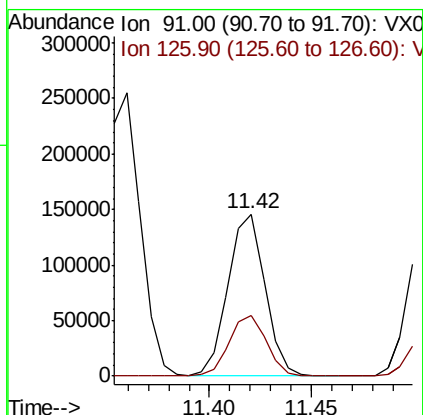
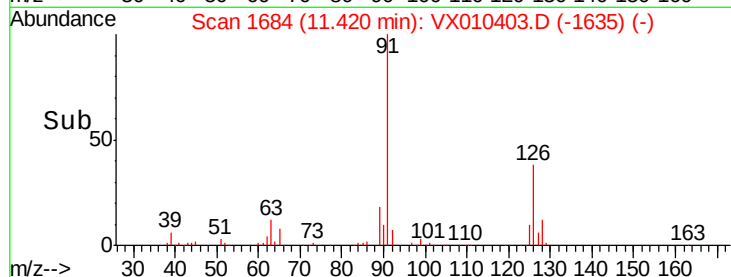
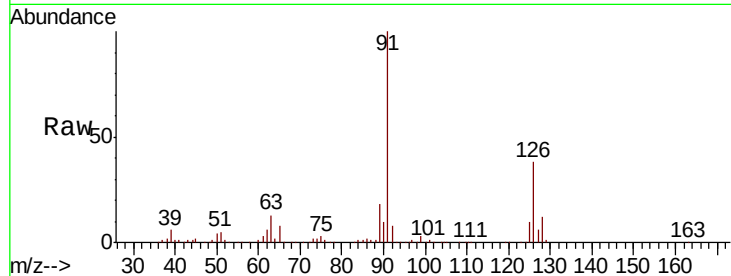
VX0624WBS01

Tot Ion: 91 Resp: 182768

Ion Ratio Lower Upper

91 100

126 37.9 18.7 56.1



#80

1,3,5-Trimethylbenzene

Concen: 21.050 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010403.D

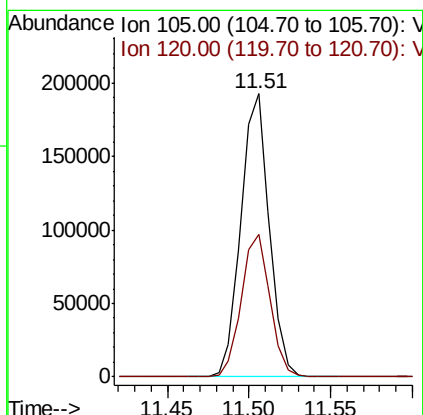
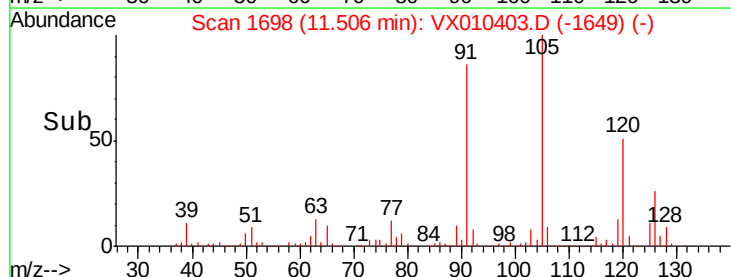
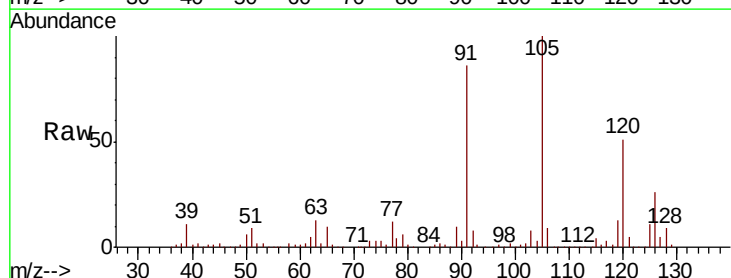
Acq: 24 Jun 2019 11:21

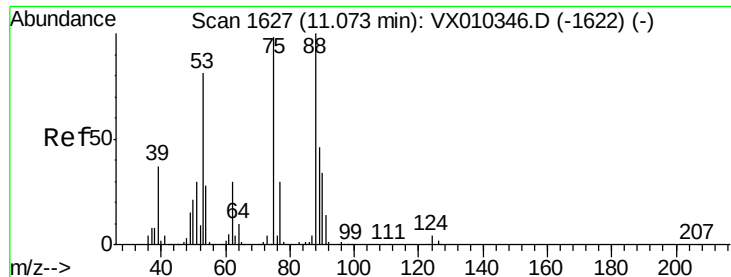
Tgt Ion: 105 Resp: 233001

Ion Ratio Lower Upper

105 100

120 50.9 25.2 75.6

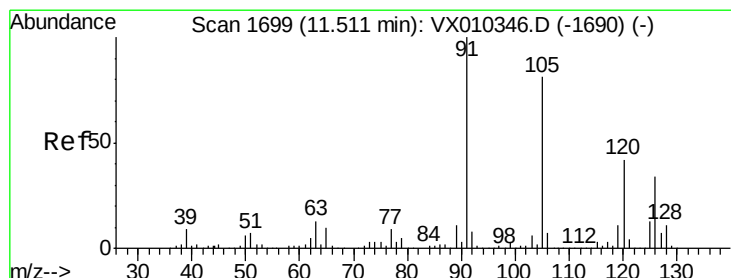
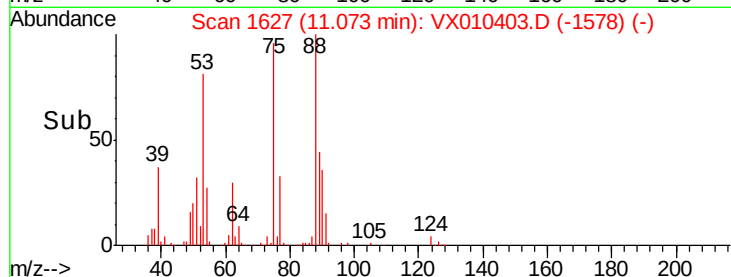
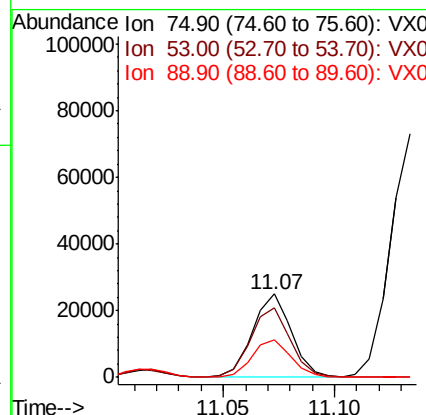
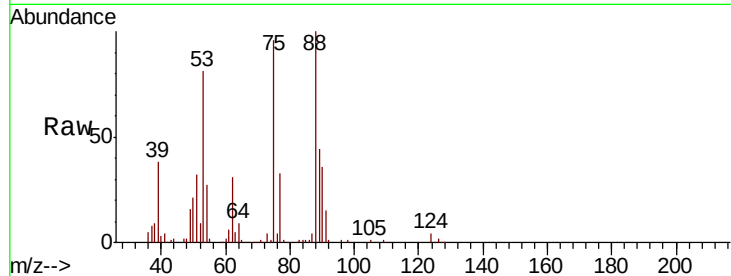




#81
trans-1,4-Dichloro-2-butene
Concen: 19.591 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010403.D
Acq: 24 Jun 2019 11:21

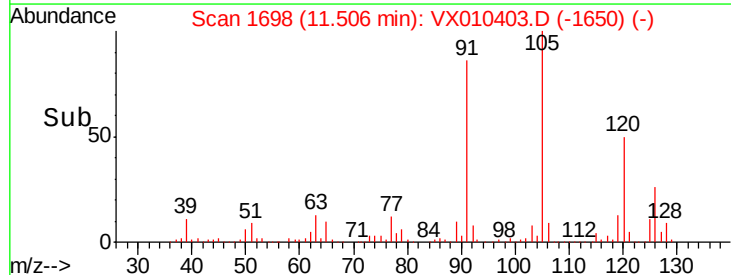
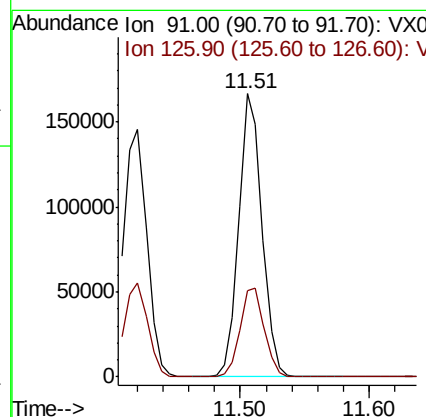
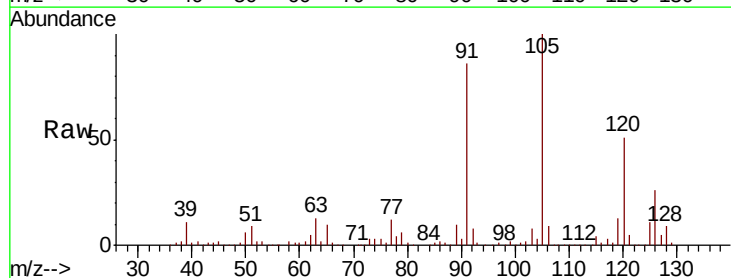
Instrument :
MSVOA_X
ClientSampleId :
VX0624WBS01

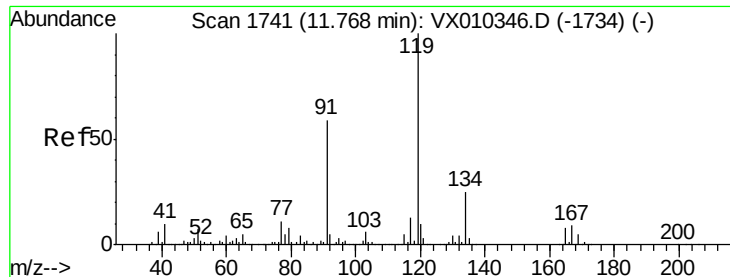
Tot Ion: 75 Resp: 30310
Ion Ratio Lower Upper
75 100
53 85.0 66.1 99.1
89 46.1 37.8 56.6



#82
4-Chlorotoluene
Concen: 20.926 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010403.D
Acq: 24 Jun 2019 11:21

Tgt Ion: 91 Resp: 209236
Ion Ratio Lower Upper
91 100
126 32.8 16.2 48.6

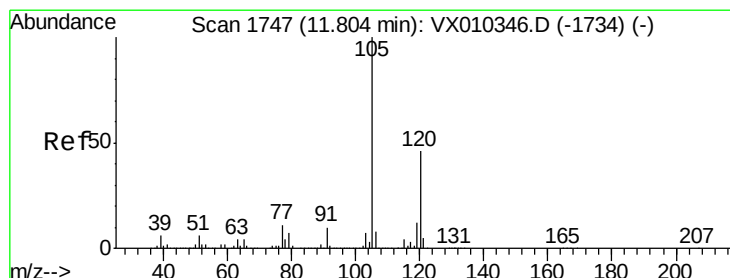
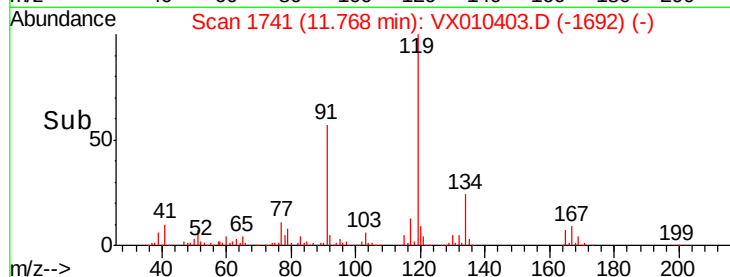
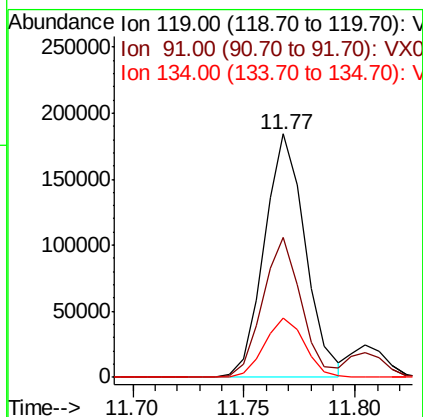
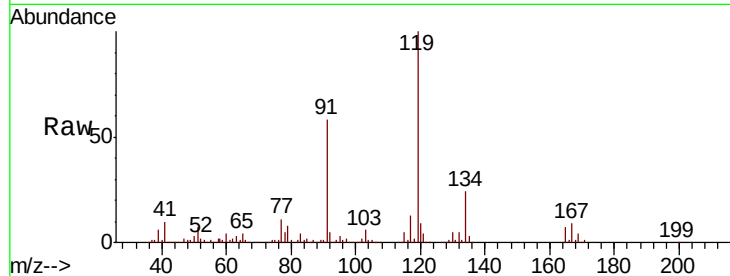




#83
 tert-Butylbenzene
 Concen: 21.159 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010403.D
 Acq: 24 Jun 2019 11:21

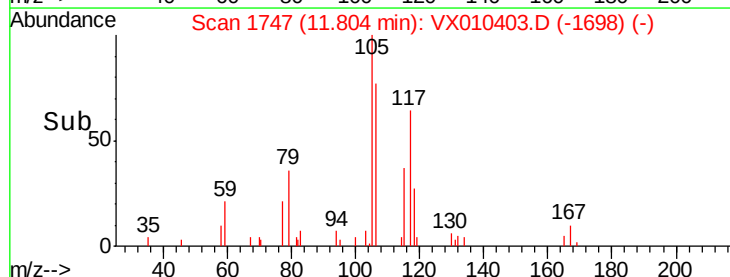
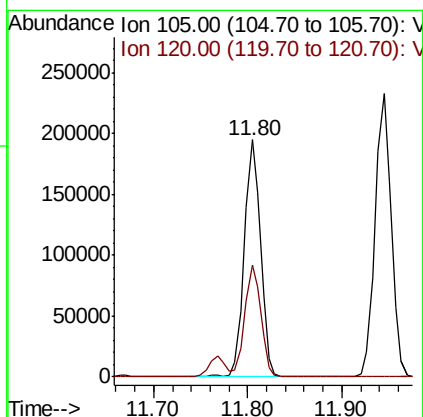
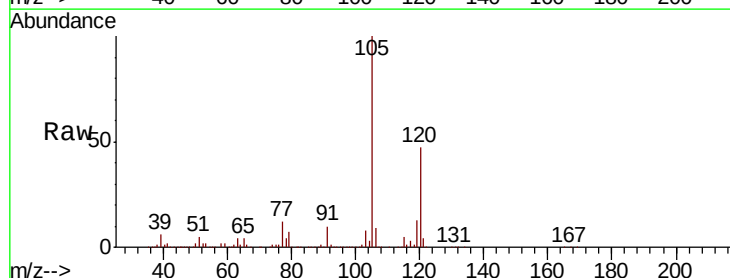
Instrument :
 MSVOA_X
 ClientSampled :
 VX0624WBS01

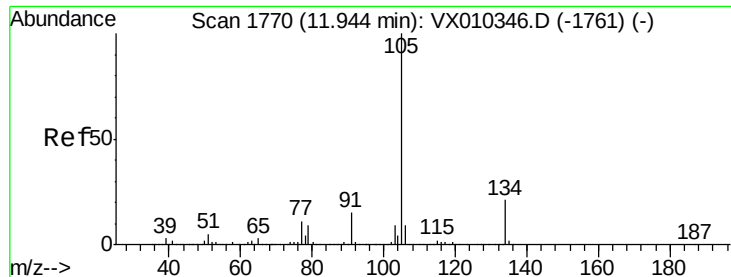
Tot Ion:119 Resp: 235065
 Ion Ratio Lower Upper
 119 100
 91 54.5 27.6 82.7
 134 23.9 11.8 35.4



#84
 1,2,4-Trimethylbenzene
 Concen: 21.153 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010403.D
 Acq: 24 Jun 2019 11:21

Tgt Ion:105 Resp: 235240
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.1 69.2

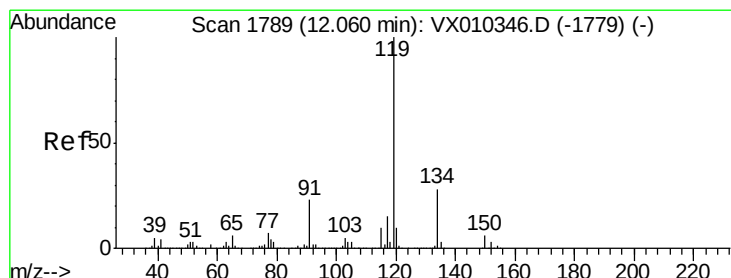
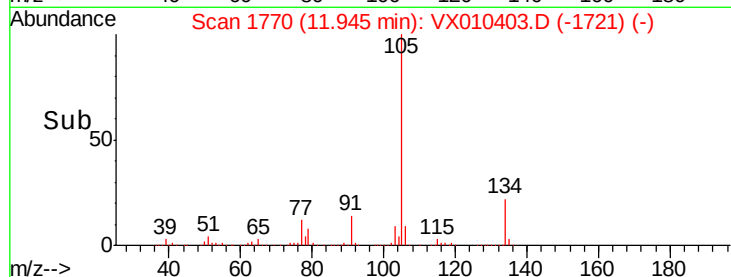
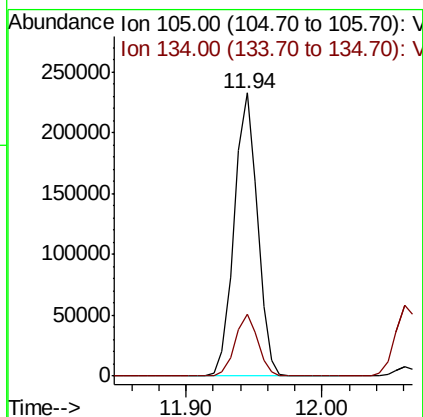
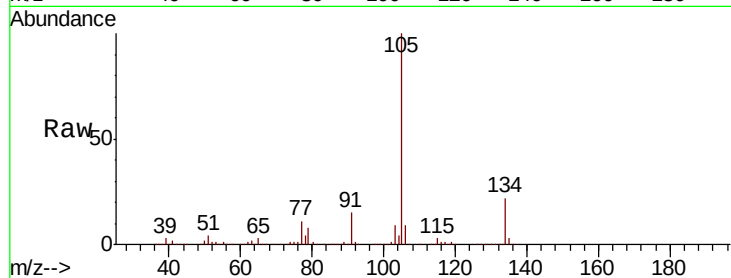




#85
 sec-Butylbenzene
 Concen: 21.199 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010403.D
 Acq: 24 Jun 2019 11:21

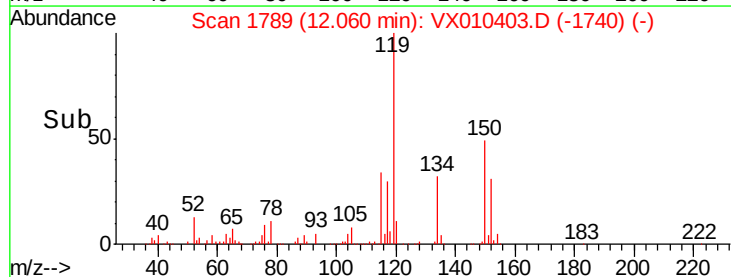
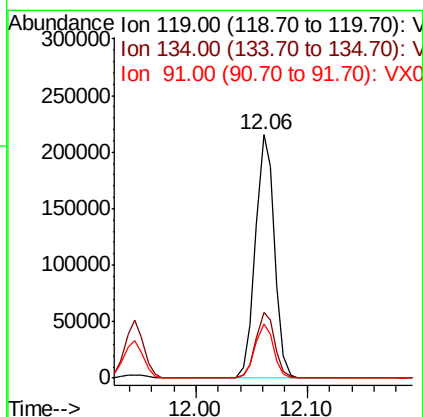
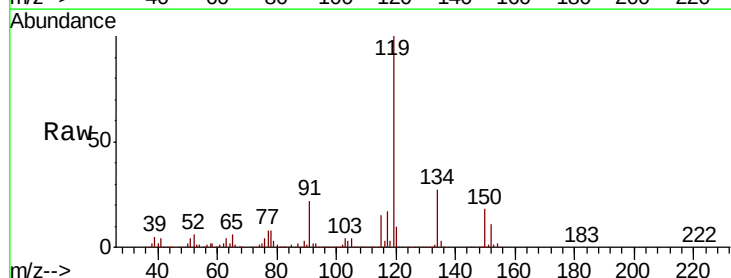
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0624WBS01

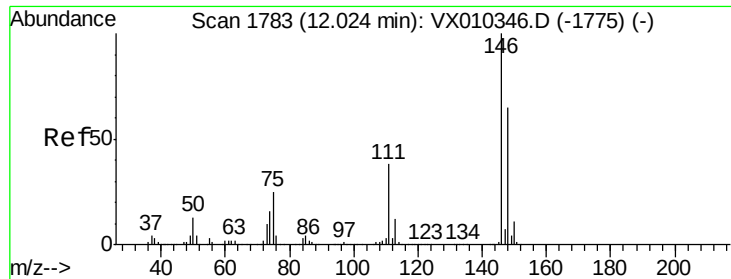
Tot Ion:105 Resp: 276521
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 21.293 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX010403.D
 Acq: 24 Jun 2019 11:21

Tgt Ion:119 Resp: 256913
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.7 41.1
 91 22.1 11.3 33.8

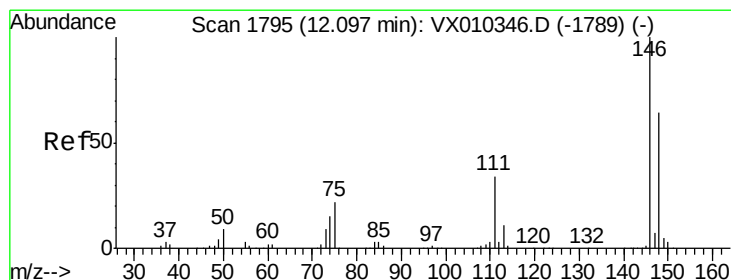
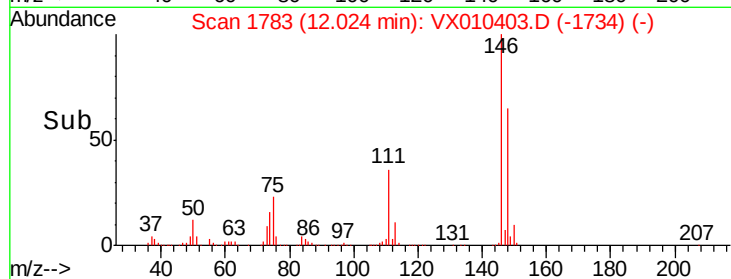
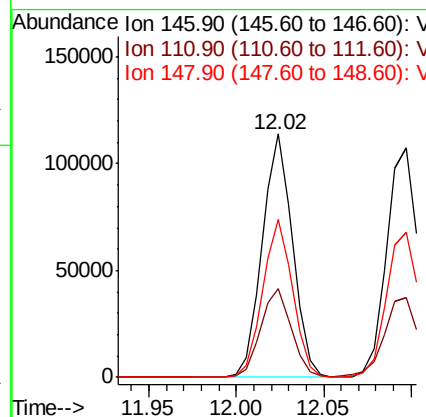
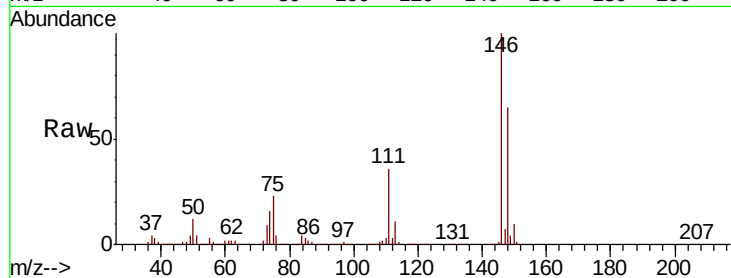




#87
 1,3-Dichlorobenzene
 Concen: 20.926 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010403.D
 Acq: 24 Jun 2019 11:21

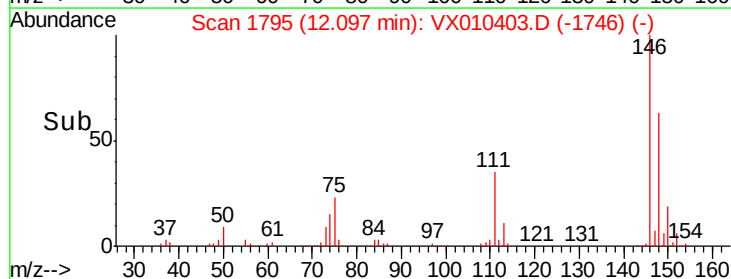
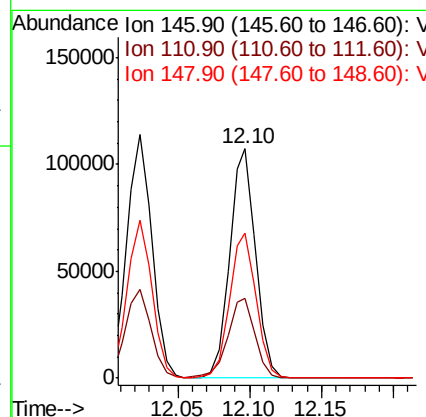
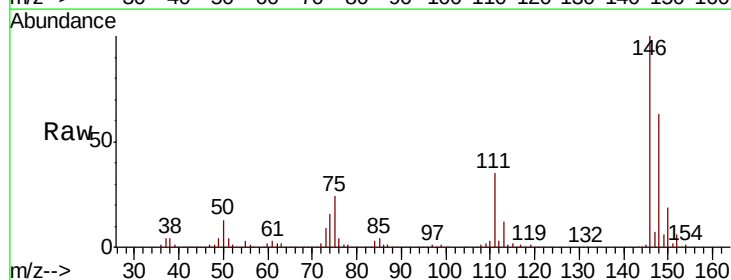
Instrument :
 MSVOA_X
 ClientSampled :
 VX0624WBS01

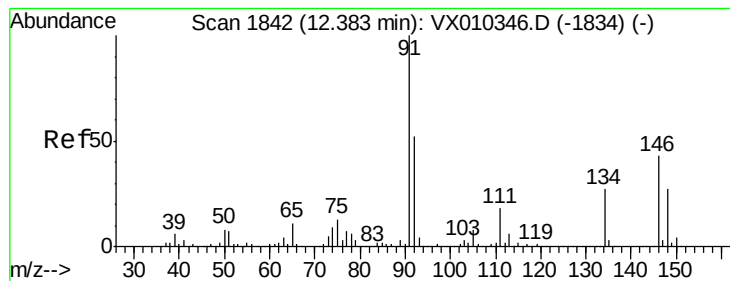
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	19.1	57.1
148	64.2	32.5	97.4



#88
 1,4-Dichlorobenzene
 Concen: 20.331 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010403.D
 Acq: 24 Jun 2019 11:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.1	54.3
148	65.0	32.1	96.3





#89

n-Butylbenzene

Concen: 21.267 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX010403.D

Acq: 24 Jun 2019 11:21

Instrument :

MSVOA_X

ClientSampled :

VX0624WBS01

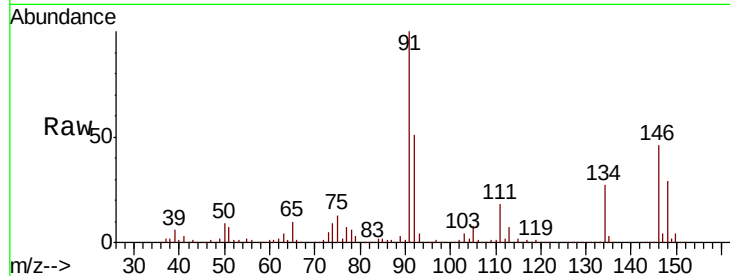
Tot Ion: 91 Resp: 218047

Ion Ratio Lower Upper

91 100

92 52.2 26.2 78.5

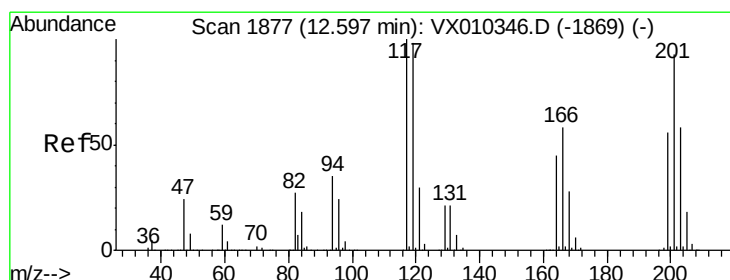
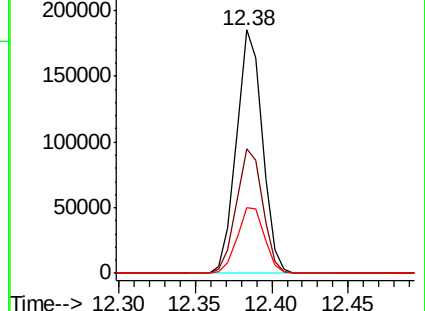
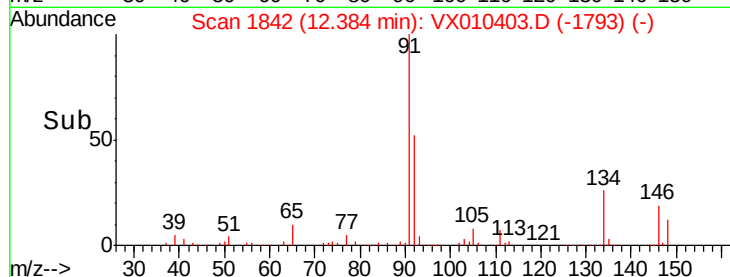
134 28.3 14.1 42.4



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



#90

Hexachloroethane

Concen: 21.329 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX010403.D

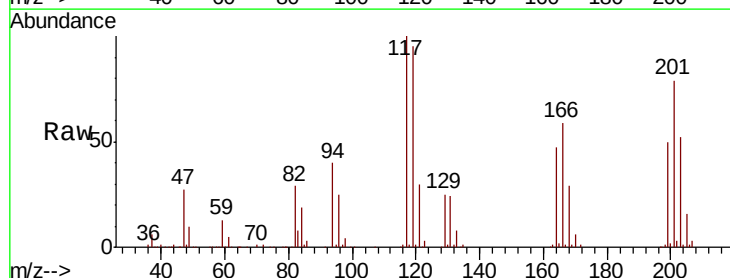
Acq: 24 Jun 2019 11:21

Tgt Ion: 117 Resp: 44498

Ion Ratio Lower Upper

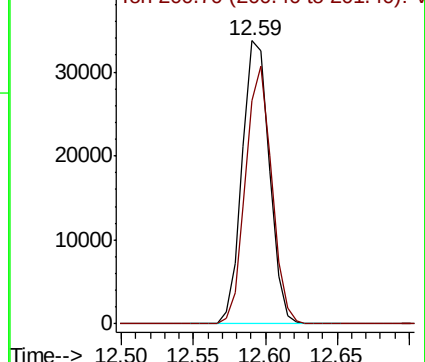
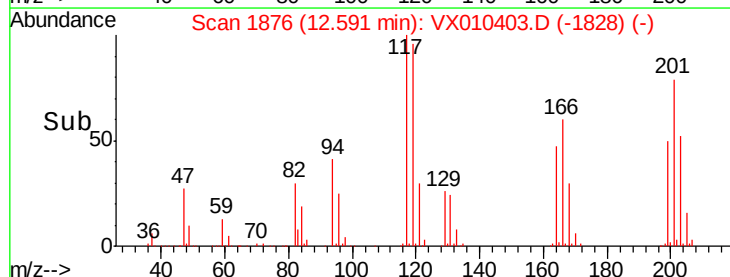
117 100

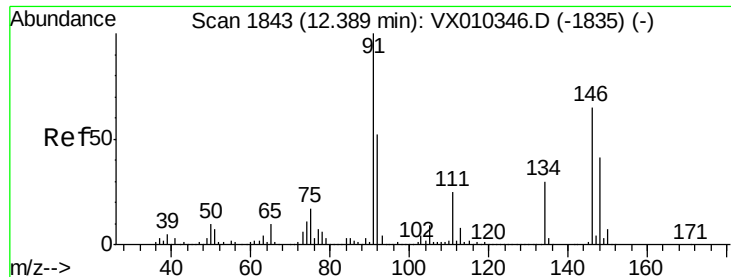
201 86.8 44.0 131.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 20.732 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX010403.D

Acq: 24 Jun 2019 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0624WBS01

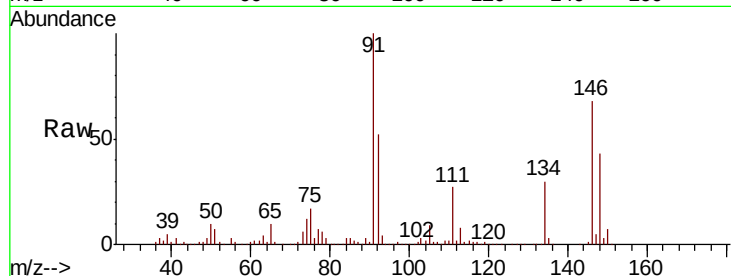
Tot Ion:146 Resp: 134849

Ion Ratio Lower Upper

146 100

111 38.8 19.2 57.6

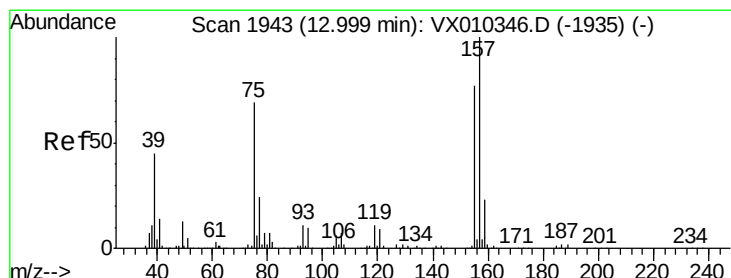
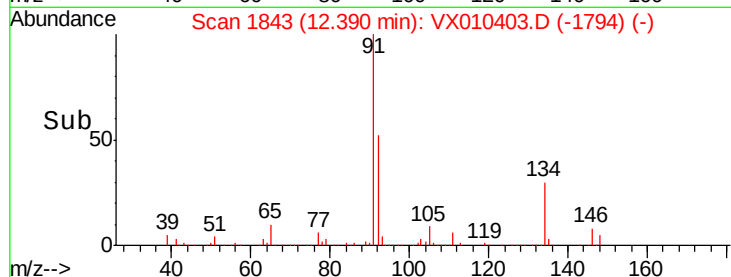
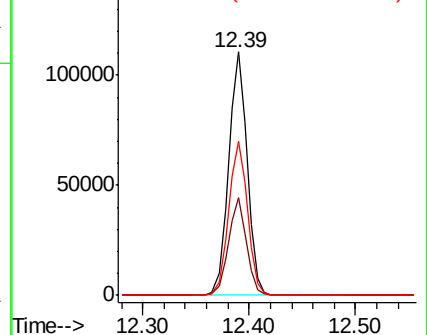
148 64.4 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.504 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX010403.D

Acq: 24 Jun 2019 11:21

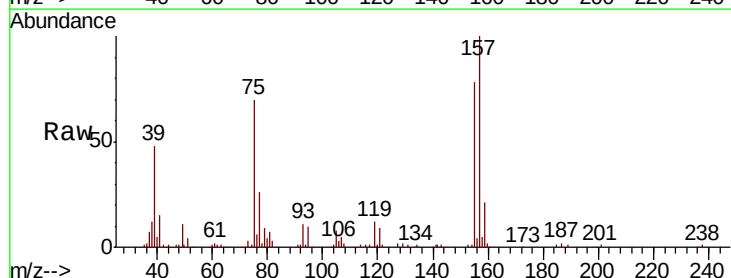
Tgt Ion: 75 Resp: 18699

Ion Ratio Lower Upper

75 100

155 105.2 54.4 163.1

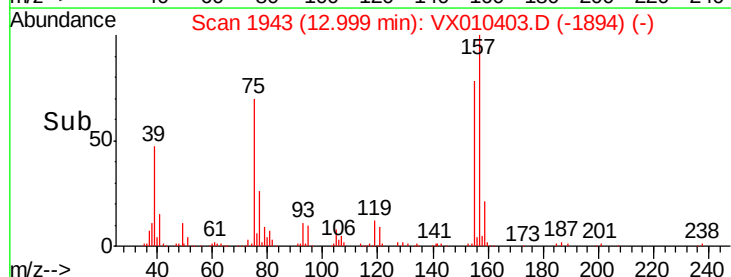
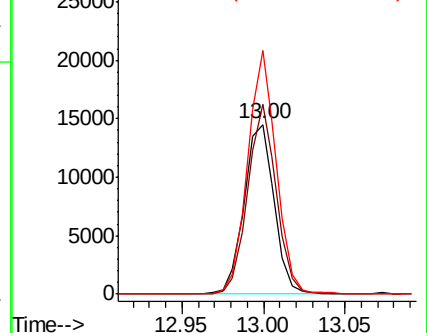
157 135.4 69.5 208.3

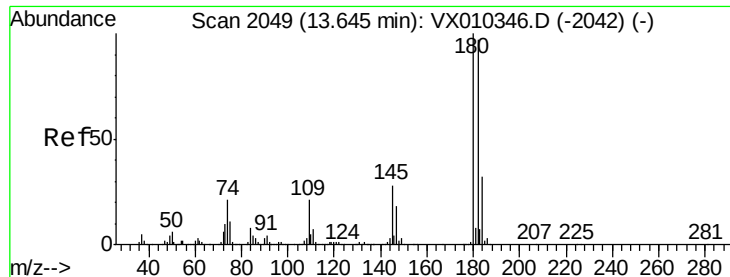


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

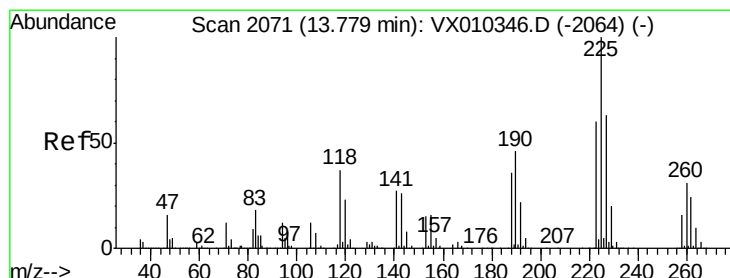
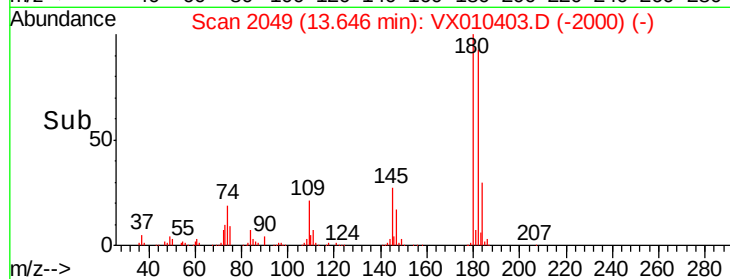
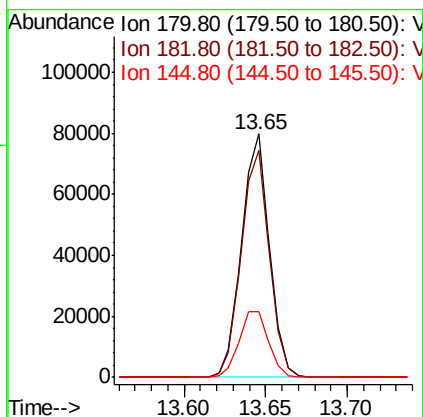
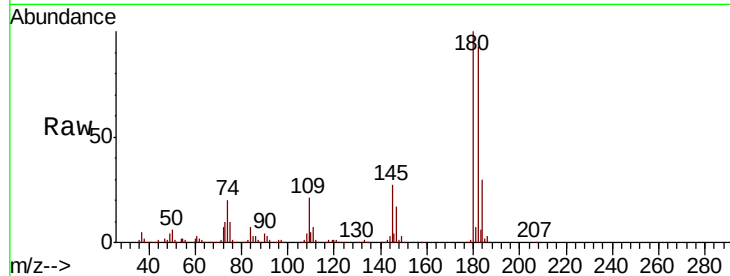




#93
 1,2,4-Trichlorobenzene
 Concen: 21.036 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010403.D
 Acq: 24 Jun 2019 11:21

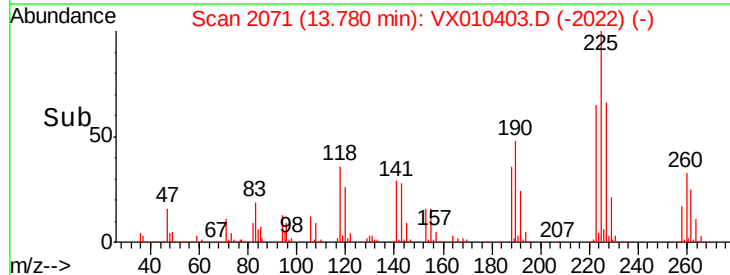
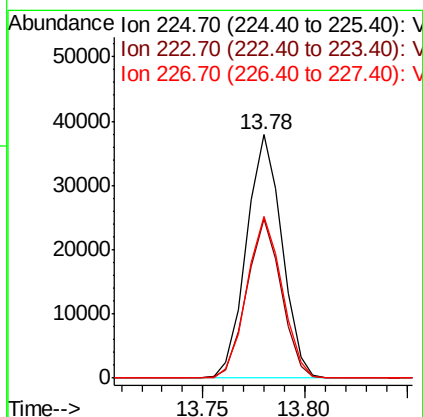
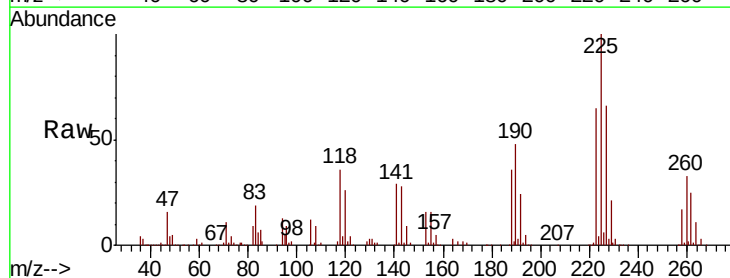
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0624WBS01

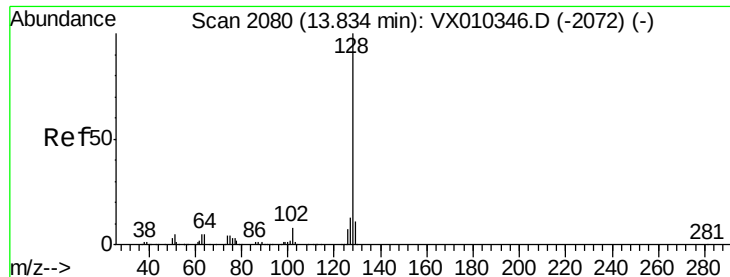
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	48.0	144.0
145	28.9	14.4	43.4



#94
 Hexachlorobutadiene
 Concen: 20.822 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010403.D
 Acq: 24 Jun 2019 11:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	30.9	92.7
227	66.2	31.9	95.5





#95

Naphthalene

Concen: 20.587 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010403.D

Acq: 24 Jun 2019 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0624WBS01

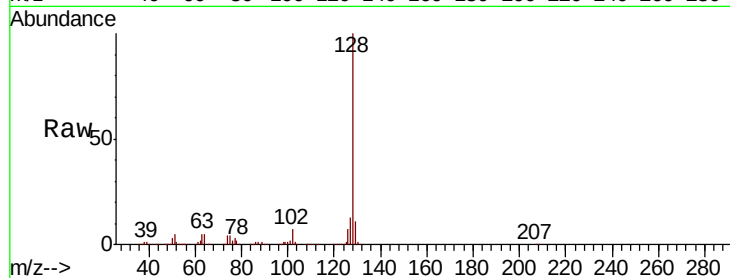
Tot Ion:128 Resp: 285364

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

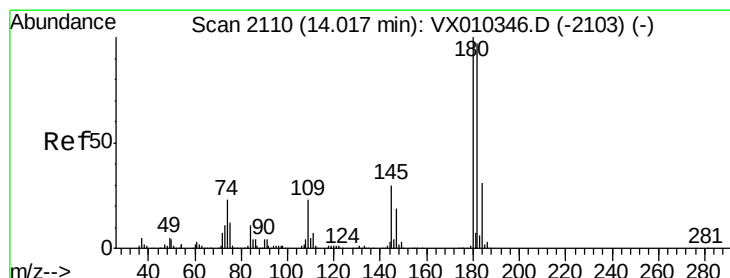
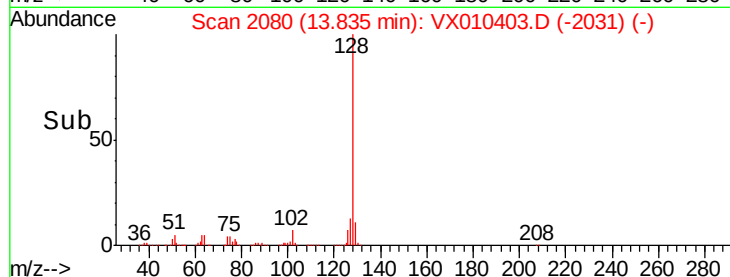
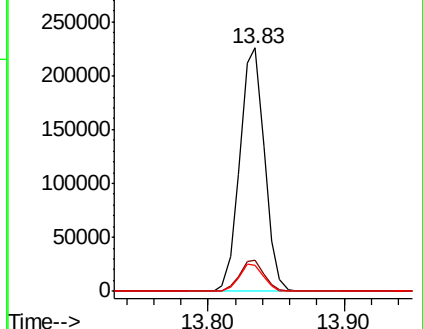
129 11.0 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.421 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010403.D

Acq: 24 Jun 2019 11:21

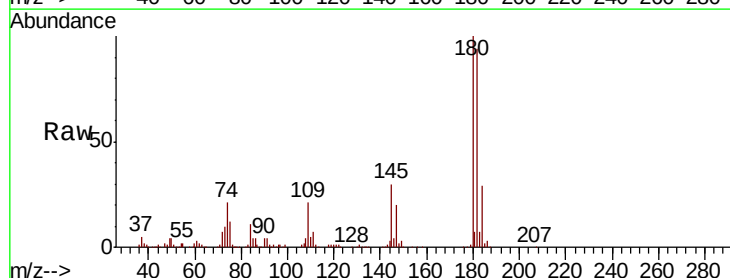
Tgt Ion:180 Resp: 96067

Ion Ratio Lower Upper

180 100

182 95.4 47.8 143.3

145 31.0 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

