

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062119\
 Data File : VX010381.D
 Acq On : 21 Jun 2019 13:51
 Operator : JC/SP
 Sample : VX0621WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBSD01

Quant Time: Jun 21 23:10:52 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	5.67	168	282803	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	422688	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	377295	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	186194	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	133519	50.35	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.70%	
35) Dibromofluoromethane	5.50	113	133018	51.43	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.86%	
50) Toluene-d8	8.71	98	501105	50.65	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.30%	
62) 4-Bromofluorobenzene	11.13	95	173355	48.53	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	36504	18.566	ug/l	98
3) Chloromethane	1.33	50	40065	17.500	ug/l	100
4) Vinyl Chloride	1.41	62	45415	18.111	ug/l	98
5) Bromomethane	1.64	94	26262	21.497	ug/l	97
6) Chloroethane	1.72	64	27010	18.257	ug/l	99
7) Trichlorofluoromethane	1.93	101	75797	19.068	ug/l	99
8) Diethyl Ether	2.19	74	28318	19.865	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	47032	19.524	ug/l	100
10) Methyl Iodide	2.51	142	50415	14.664	ug/l	100
11) Tert butyl alcohol	3.04	59	64789	93.379	ug/l	100
12) 1,1-Dichloroethene	2.37	96	45863	18.710	ug/l	99
13) Acrolein	2.29	56	33431	72.634	ug/l	98
14) Allyl chloride	2.73	41	67063	19.270	ug/l	99
15) Acrylonitrile	3.14	53	134876	98.185	ug/l	100
16) Acetone	2.45	43	120159	90.421	ug/l	98
17) Carbon Disulfide	2.57	76	115893	17.622	ug/l	99
18) Methyl Acetate	2.78	43	51830	19.569	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	147777	19.163	ug/l	100
20) Methylene Chloride	2.86	84	53151	19.435	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	49237	18.676	ug/l	98
22) Diisopropyl ether	3.86	45	141762	19.483	ug/l	90
23) Vinyl Acetate	3.82	43	621042	98.801	ug/l	100
24) 1,1-Dichloroethane	3.70	63	81935	19.481	ug/l	99
25) 2-Butanone	4.67	43	186377	95.612	ug/l	100
26) 2,2-Dichloropropane	4.58	77	66622	18.235	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	58922	19.341	ug/l	99
28) Bromochloromethane	5.02	49	36395	18.099	ug/l	97
29) Tetrahydrofuran	5.13	42	119099	98.640	ug/l	99
30) Chloroform	5.21	83	85277	18.845	ug/l	96
31) Cyclohexane	5.58	56	73584	19.212	ug/l	92
32) 1,1,1-Trichloroethane	5.50	97	78329	19.603	ug/l	99
36) 1,1-Dichloropropene	5.81	75	62562	18.626	ug/l	99
37) Ethyl Acetate	4.84	43	69014	19.972	ug/l	100
38) Carbon Tetrachloride	5.79	117	69497	19.107	ug/l	96

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 Misc : 5.0mL/MSVOA X/WATER
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Instrument :
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 ClientSampleId :
 VX0621WBSD01

Quant Time: Jun 21 23:10:52 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)
39) Methylcyclohexane	7.46	83	82441	18.672	ug/l	99
40) Benzene	6.15	78	203603	19.456	ug/l	100
41) Methacrylonitrile	5.04	41	34998	18.459	ug/l	94
42) 1,2-Dichloroethane	6.20	62	63887	20.056	ug/l	100
43) Isopropyl Acetate	6.45	43	111139	19.440	ug/l	99
44) Trichloroethene	7.21	130	59212	18.910	ug/l	99
45) 1,2-Dichloropropane	7.51	63	51053	19.319	ug/l	98
46) Dibromomethane	7.66	93	35985	18.979	ug/l	99
47) Bromodichloromethane	7.90	83	65175	18.757	ug/l	97
48) Methyl methacrylate	7.77	41	51929	19.541	ug/l	99
49) 1,4-Dioxane	7.74	88	29208	381.543	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	359654	98.362	ug/l	99
52) Toluene	8.79	92	130787	18.979	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	70652	18.136	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	79404	18.757	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	54886	19.312	ug/l	99
56) Ethyl methacrylate	9.18	69	81480	18.925	ug/l	99
57) 1,3-Dichloropropane	9.37	76	84862	19.235	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	189319	92.587	ug/l	100
59) 2-Hexanone	9.49	43	272532	94.703	ug/l	100
60) Dibromochloromethane	9.58	129	57972	18.217	ug/l	99
61) 1,2-Dibromoethane	9.67	107	57971	18.897	ug/l	98
64) Tetrachloroethene	9.34	164	60081	19.688	ug/l	94
65) Chlorobenzene	10.14	112	146064	19.069	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	54952	19.695	ug/l	98
67) Ethyl Benzene	10.25	91	247760	19.160	ug/l	98
68) m/p-Xylenes	10.36	106	191219	38.163	ug/l	99
69) o-Xylene	10.69	106	93546	18.985	ug/l	99
70) Styrene	10.71	104	155624	18.833	ug/l	100
71) Bromoform	10.85	173	44288	18.253	ug/l	96
73) Isopropylbenzene	11.02	105	247335	19.596	ug/l	100
74) N-amyl acetate	10.90	43	95019	19.920	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	85078	20.354	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	91180	26.873	ug/l	82
77) Bromobenzene	11.26	156	68103	19.324	ug/l	99
78) n-propylbenzene	11.36	91	272022	19.610	ug/l	99
79) 2-Chlorotoluene	11.42	91	161122	19.506	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	205727	19.772	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	26271	18.063	ug/l	96
82) 4-Chlorotoluene	11.51	91	180963	19.253	ug/l	98
83) tert-Butylbenzene	11.77	119	203953	19.529	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	204999	19.610	ug/l	100
85) sec-Butylbenzene	11.94	105	238497	19.450	ug/l	100
86) p-Isopropyltoluene	12.06	119	218374	19.254	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	117478	19.096	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	115556	18.451	ug/l	99
89) n-Butylbenzene	12.38	91	182451	18.931	ug/l	100
90) Hexachloroethane	12.59	117	37101	18.918	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	117118	19.155	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17147	19.026	ug/l	95

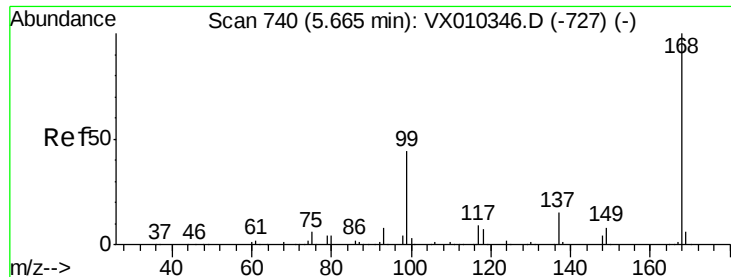
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062119\
Data File : VX010381.D
Acq On : 21 Jun 2019 13:51
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Sample : VX0621WBSD01
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MSVOA_X
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Quant Time: Jun 21 23:10:52 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)
93) 1,2,4-Trichlorobenzene	13.65	180	80702	19.033	ug/l	98
94) Hexachlorobutadiene	13.78	225	39513	19.067	ug/l	99
95) Naphthalene	13.83	128	252795	19.401	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	79332	18.818	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010381.D

Acq: 21 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

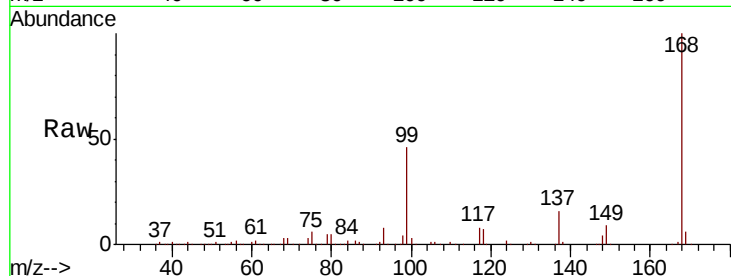
VX0621WBSD01

Tot Ion:168 Resp: 282803

Ion Ratio Lower Upper

168 100

99 45.9 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

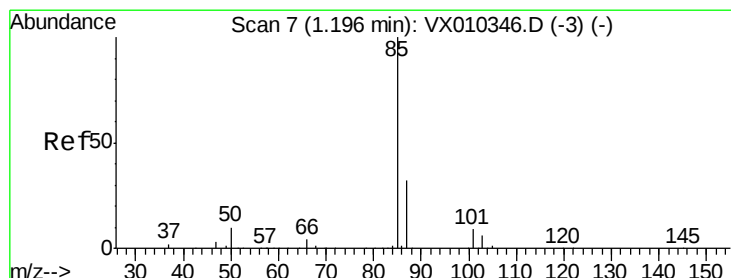
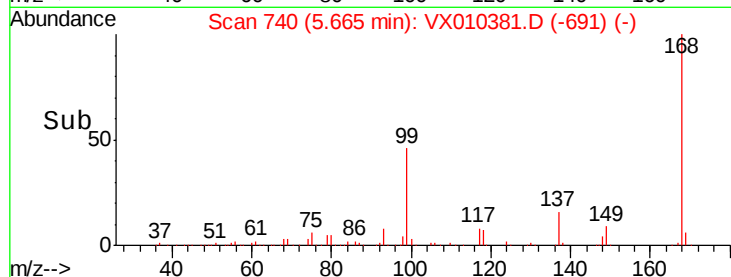
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.566 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010381.D

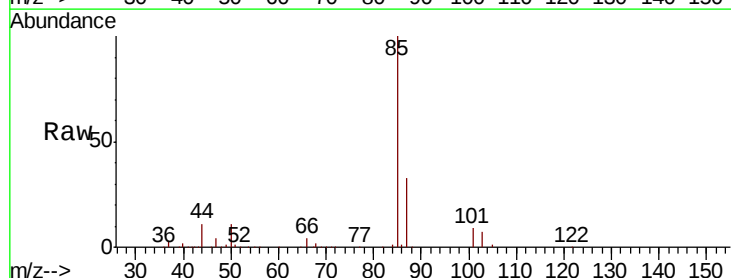
Acq: 21 Jun 2019 13:51

Tgt Ion: 85 Resp: 36504

Ion Ratio Lower Upper

85 100

87 33.4 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

40000

30000

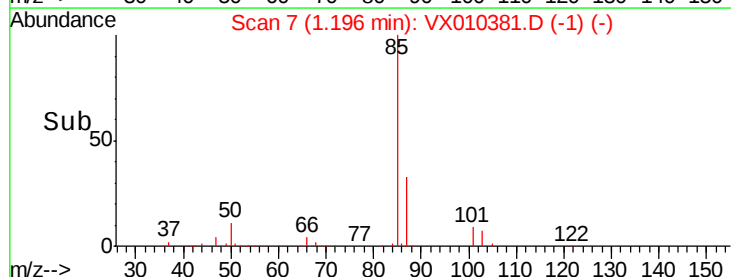
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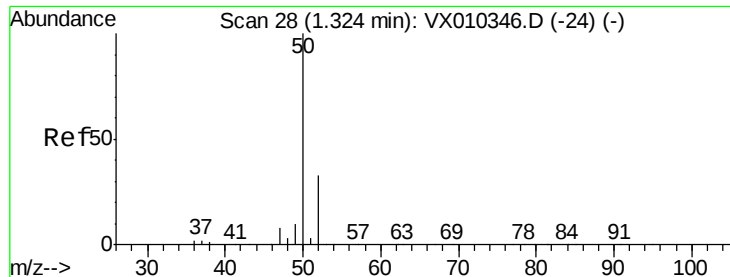
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 17.500 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010381.D

Acq: 21 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

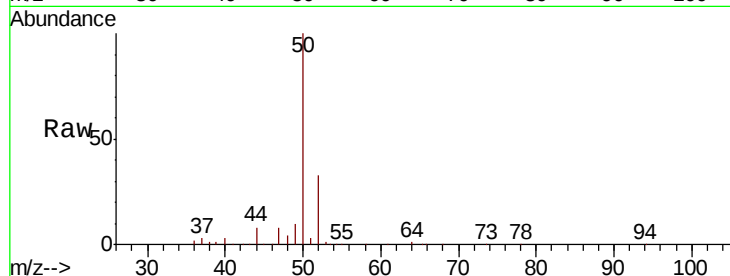
VX0621WBSD01

Tot Ion: 50 Resp: 40065

Ion Ratio Lower Upper

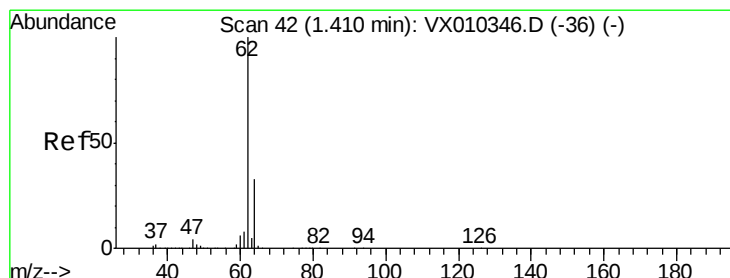
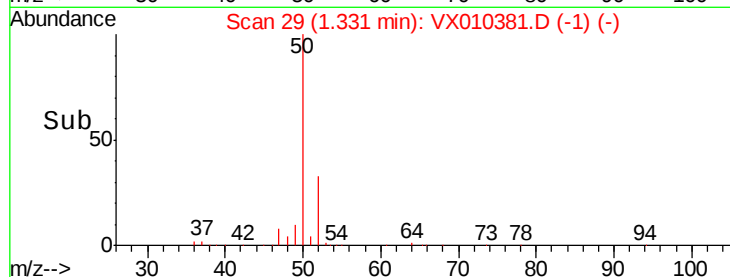
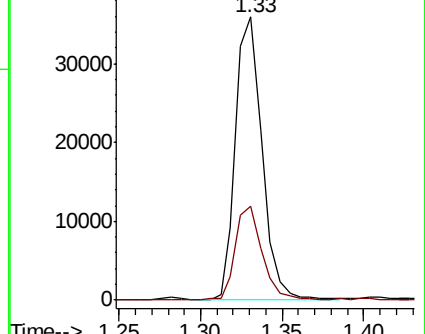
50 100

52 33.4 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: 18.111 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010381.D

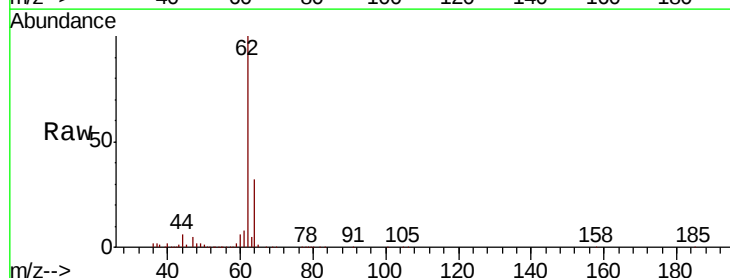
Acq: 21 Jun 2019 13:51

Tgt Ion: 62 Resp: 45415

Ion Ratio Lower Upper

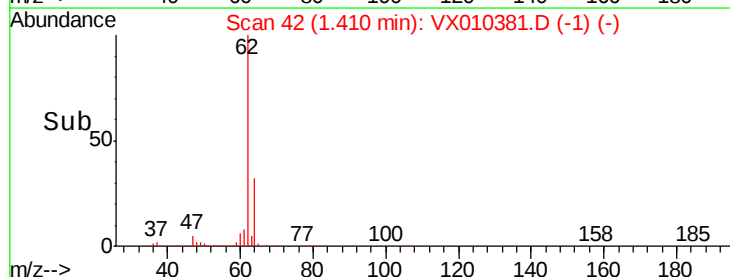
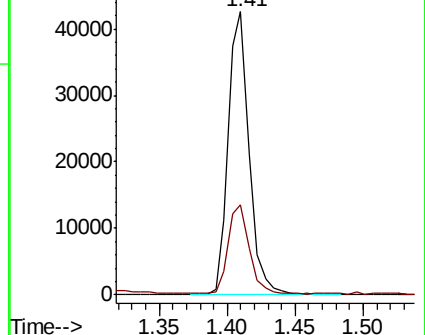
62 100

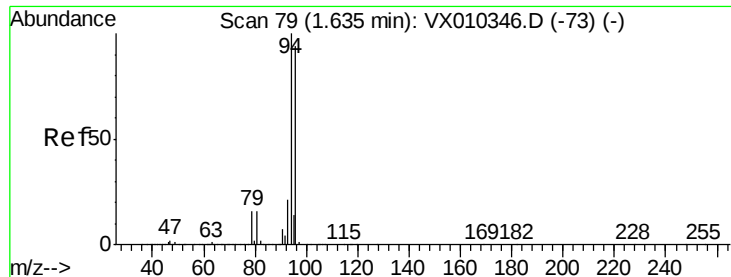
64 31.5 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.497 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010381.D

Acq: 21 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

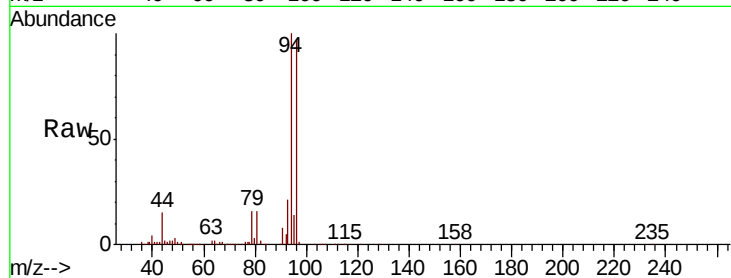
VX0621WBSD01

Tot Ion: 94 Resp: 26262

Ion Ratio Lower Upper

94 100

96 97.1 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

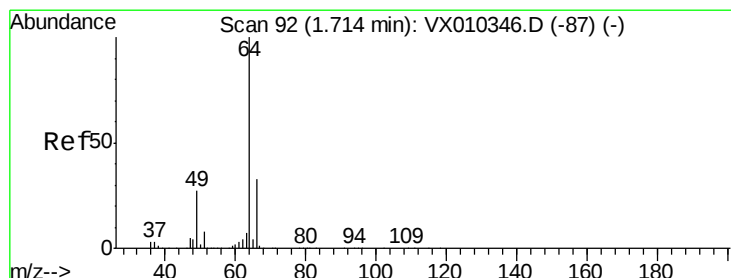
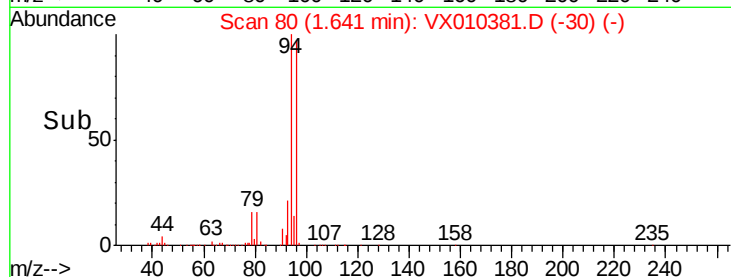
10000

5000

0

1.55 1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 18.257 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010381.D

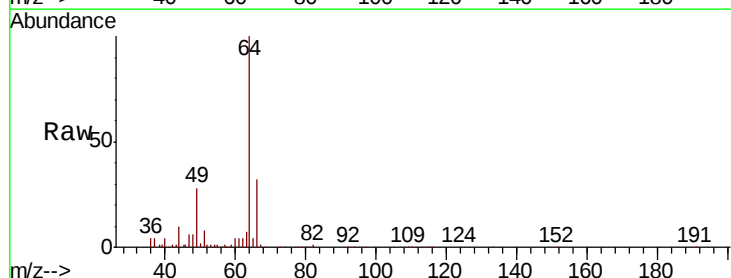
Acq: 21 Jun 2019 13:51

Tgt Ion: 64 Resp: 27010

Ion Ratio Lower Upper

64 100

66 32.7 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

20000

15000

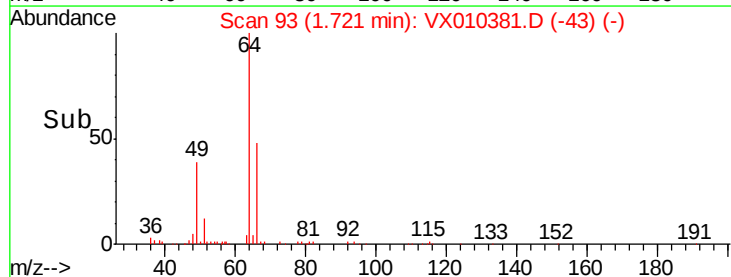
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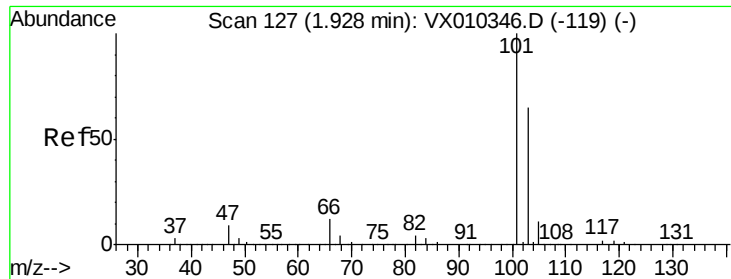
5000

0

1.65 1.70 1.75 1.80

Time-->



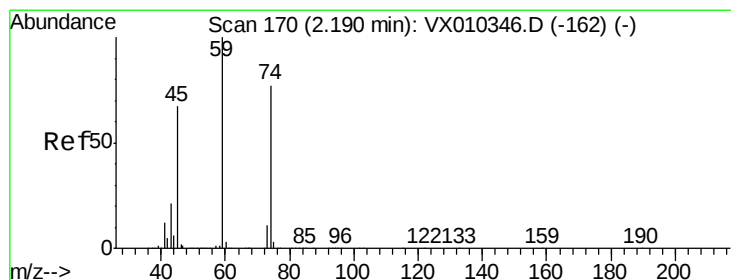
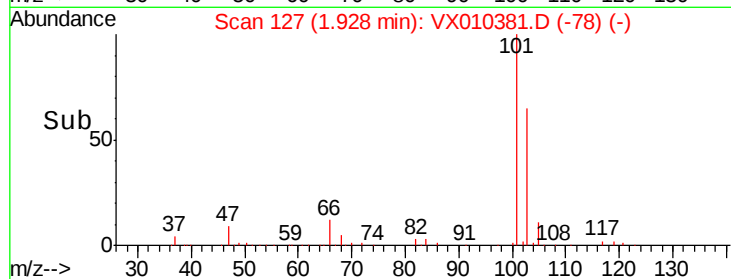
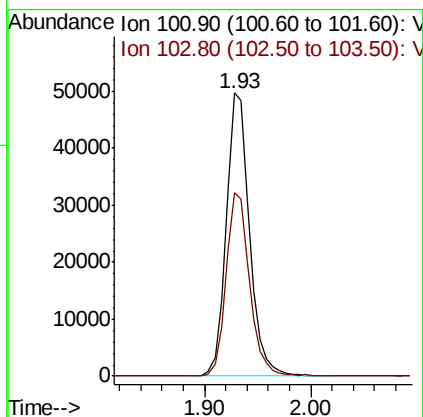
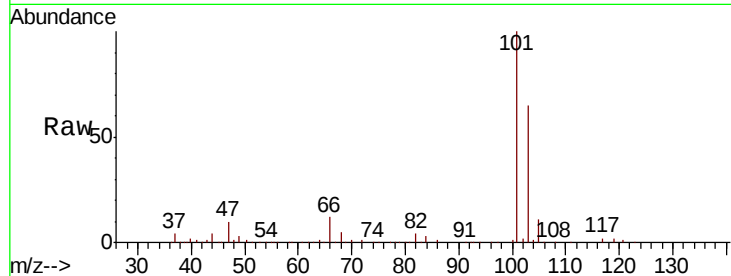


#7

Trichlorofluoromethane
Concen: 19.068 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010381.D
Acq: 21 Jun 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBSD01

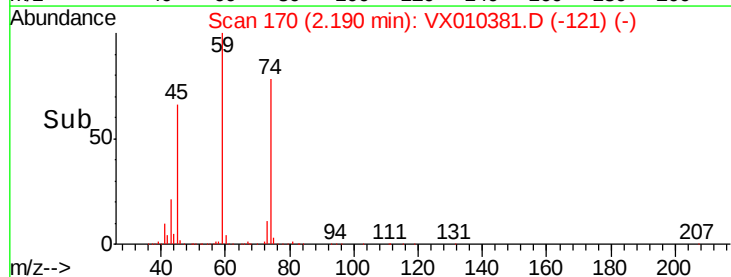
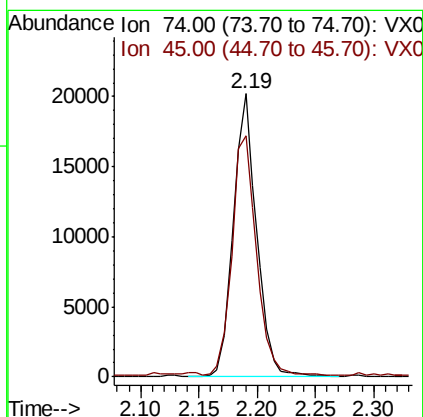
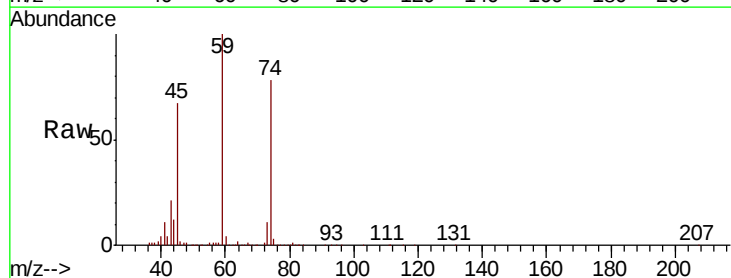
Tot Ion:101 Resp: 75797
Ion Ratio Lower Upper
101 100
103 64.8 52.3 78.5

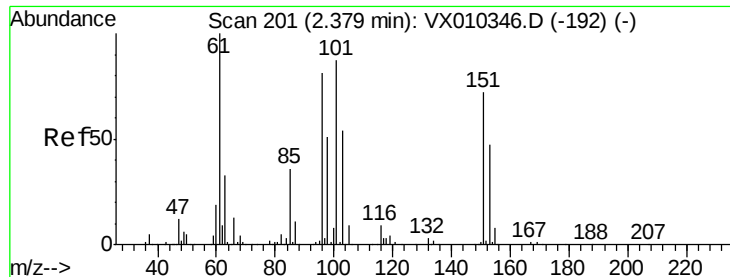


#8

Diethyl Ether
Concen: 19.865 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010381.D
Acq: 21 Jun 2019 13:51

Tgt Ion: 74 Resp: 28318
Ion Ratio Lower Upper
74 100
45 88.4 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.524 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010381.D

Acq: 21 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBSD01

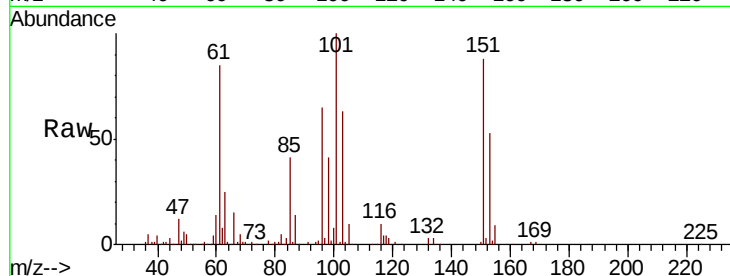
Tot Ion:101 Resp: 47032

Ion Ratio Lower Upper

101 100

85 41.2 33.7 50.5

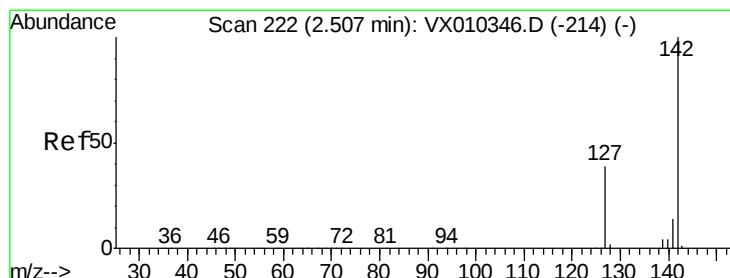
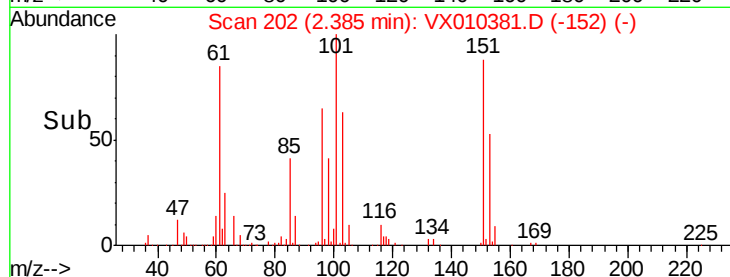
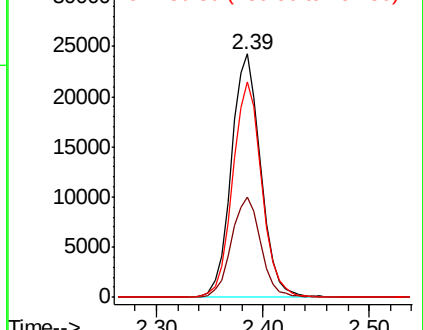
151 87.6 70.1 105.1



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: 14.664 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010381.D

Acq: 21 Jun 2019 13:51

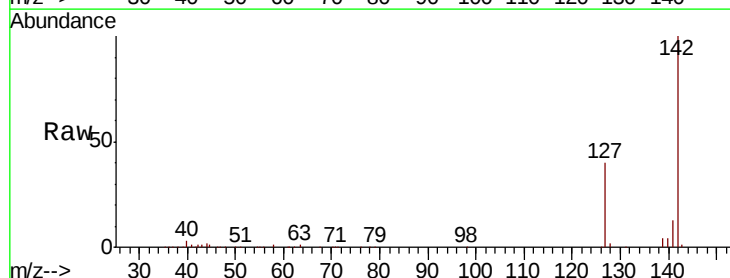
Tgt Ion:142 Resp: 50415

Ion Ratio Lower Upper

142 100

127 38.9 31.1 46.7

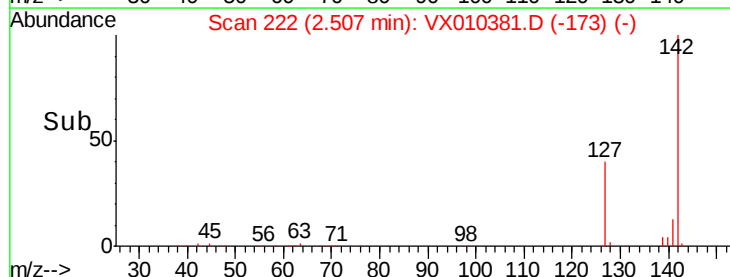
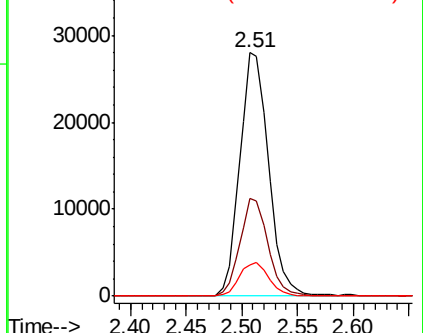
141 14.0 11.2 16.8

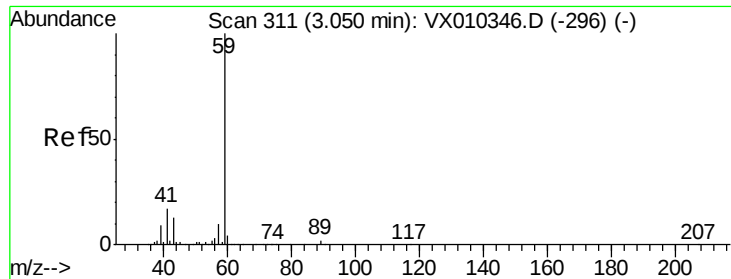


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

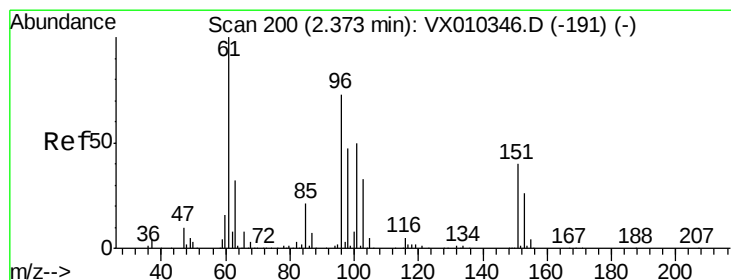
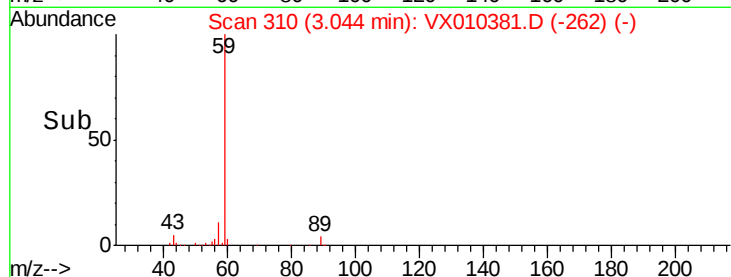
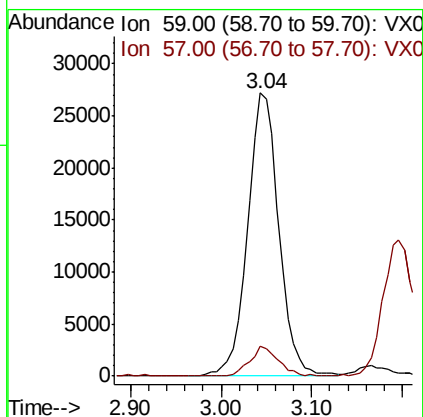
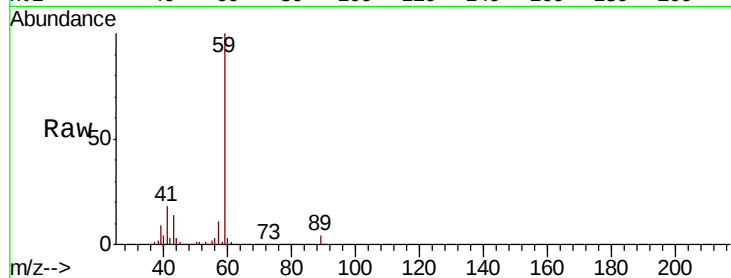




#11
Tert butyl alcohol
Concen: 93.379 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010381.D
Acq: 21 Jun 2019 13:51

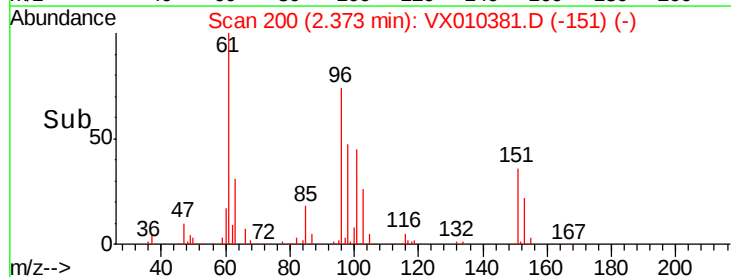
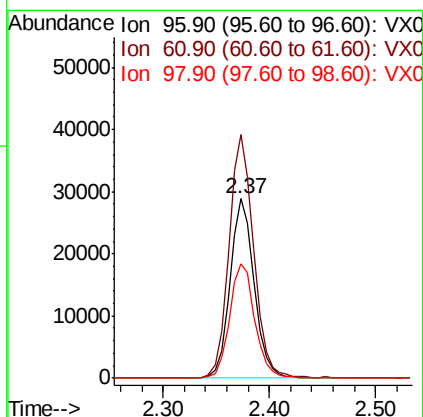
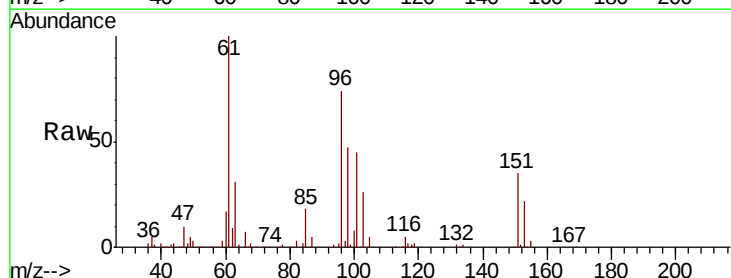
Instrument :
MSVOA_X
ClientSampleId :
VX0621WBSD01

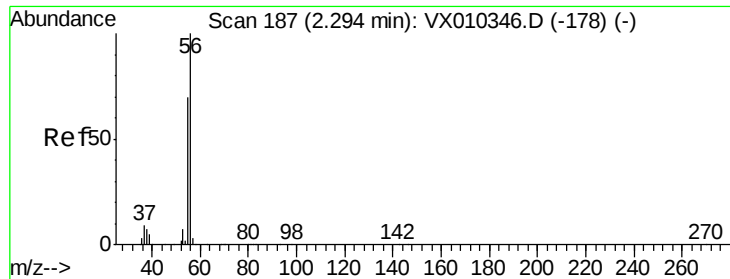
Tot Ion: 59 Resp: 64789
Ion Ratio Lower Upper
59 100
57 9.7 7.7 11.5



#12
1,1-Dichloroethene
Concen: 18.710 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010381.D
Acq: 21 Jun 2019 13:51

Tgt Ion: 96 Resp: 45863
Ion Ratio Lower Upper
96 100
61 135.8 109.2 163.8
98 63.6 51.1 76.7





#13

Acrolein

Concen: 72.634 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010381.D

Acq: 21 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

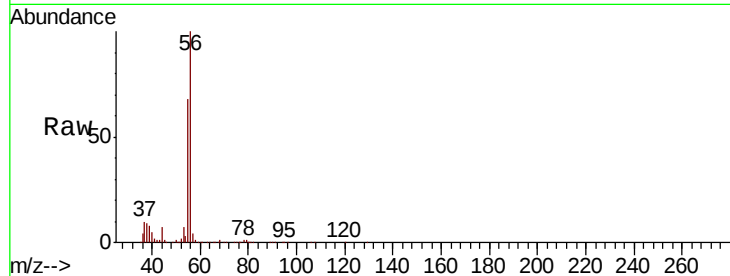
VX0621WBSD01

Tot Ion: 56 Resp: 33431

Ion Ratio Lower Upper

56 100

55 69.5 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

25000

20000

15000

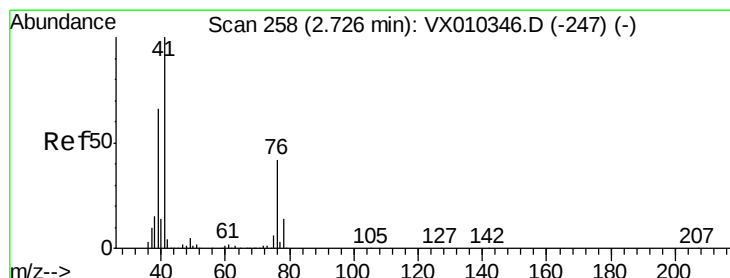
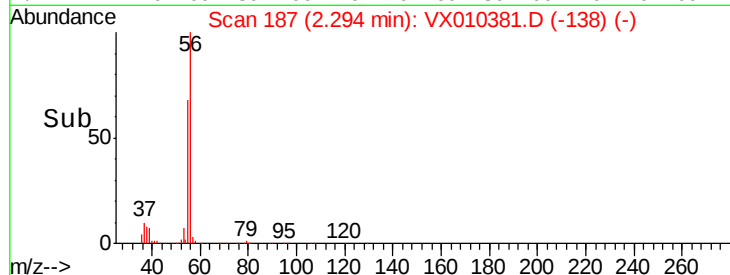
10000

5000

0

Time-->

2.20 2.25 2.30 2.35



#14

Allyl chloride

Concen: 19.270 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010381.D

Acq: 21 Jun 2019 13:51

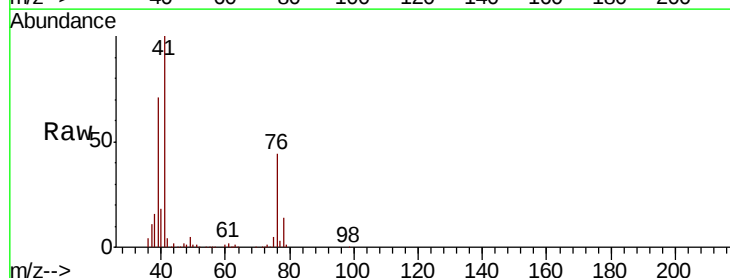
Tgt Ion: 41 Resp: 67063

Ion Ratio Lower Upper

41 100

39 64.2 50.3 75.5

76 38.7 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

60000

50000

40000

30000

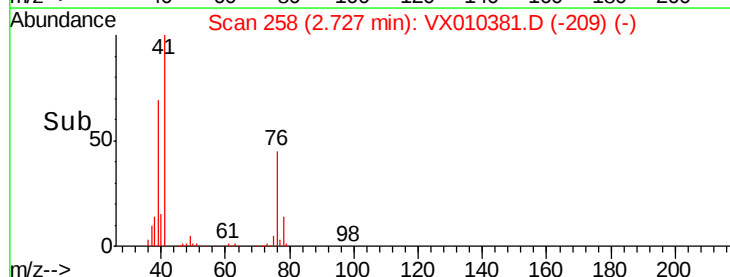
20000

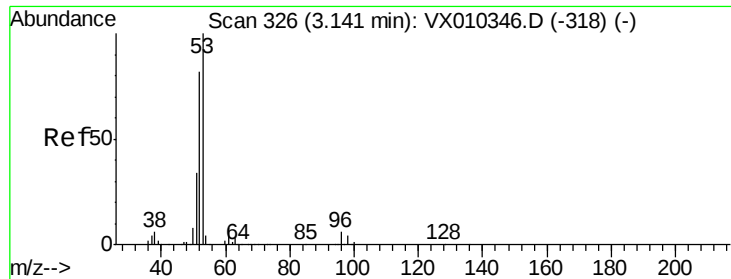
10000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 98.185 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010381.D

Acq: 21 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBSD01

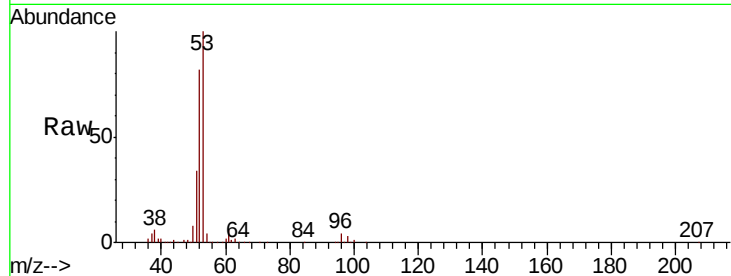
Tot Ion: 53 Resp: 134876

Ion Ratio Lower Upper

53 100

52 81.7 65.5 98.3

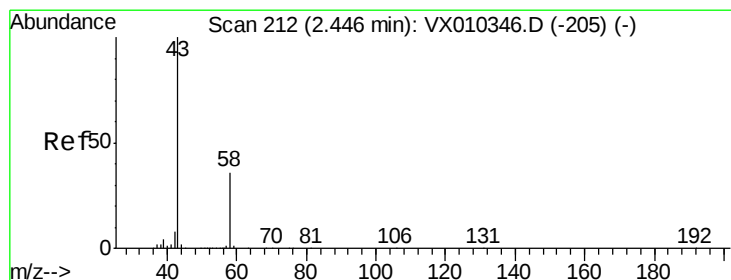
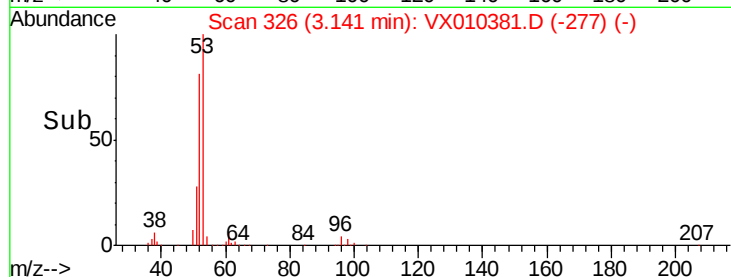
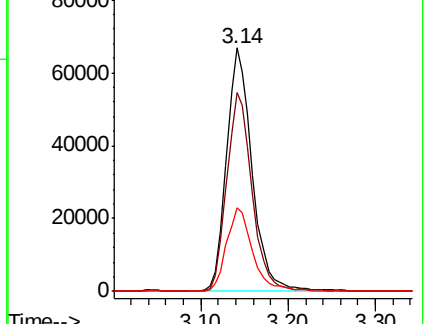
51 34.9 28.2 42.4



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: 90.421 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010381.D

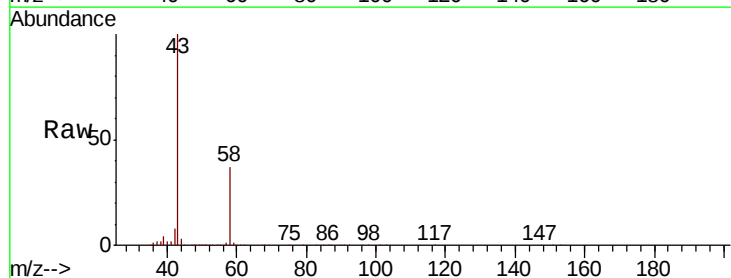
Acq: 21 Jun 2019 13:51

Tgt Ion: 43 Resp: 120159

Ion Ratio Lower Upper

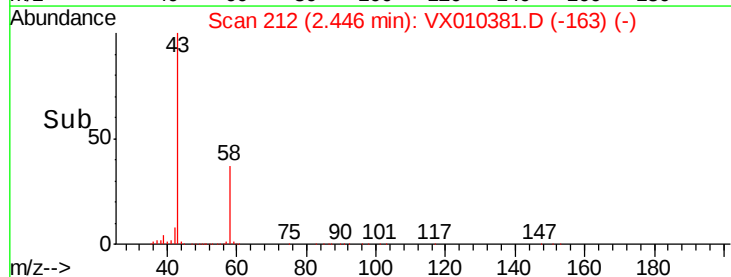
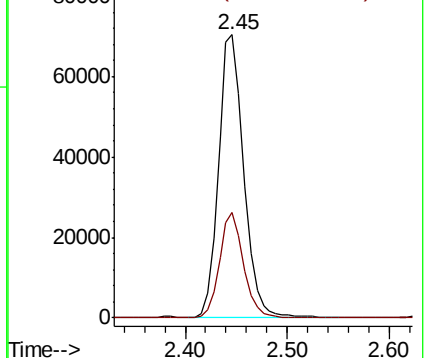
43 100

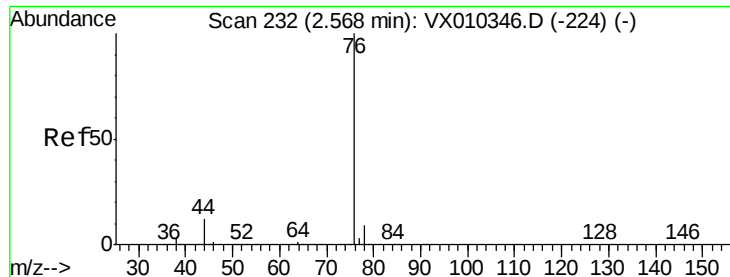
58 37.2 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

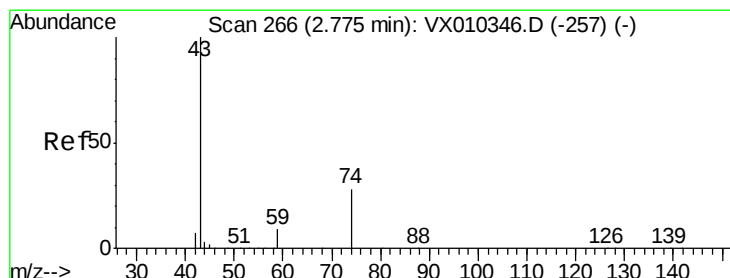
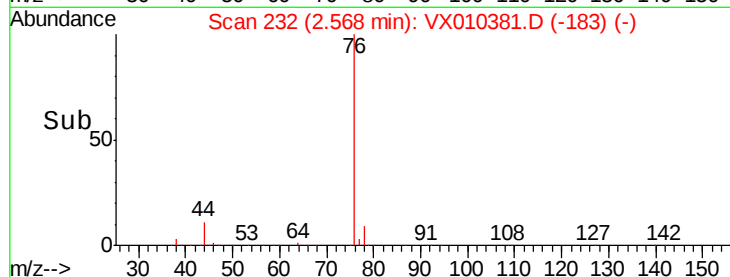
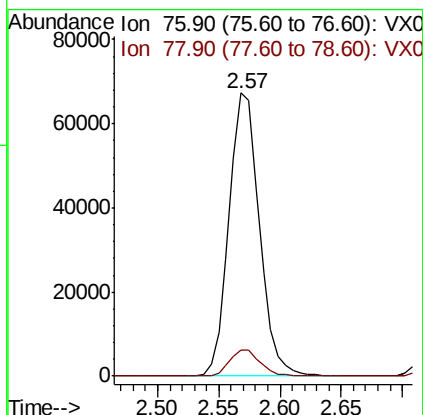
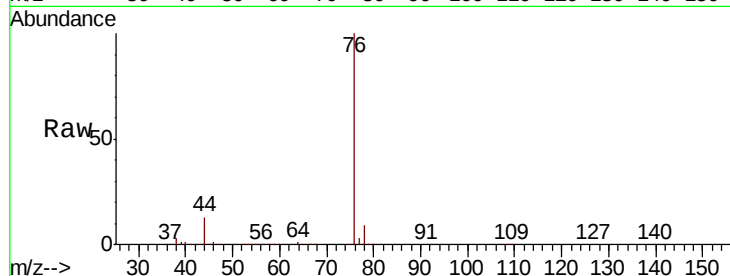




#17
Carbon Disulfide
Concen: 17.622 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010381.D
Acq: 21 Jun 2019 13:51

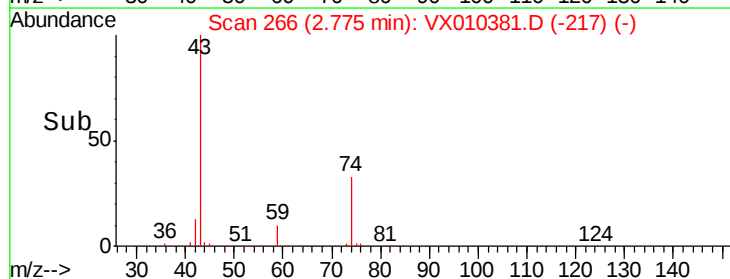
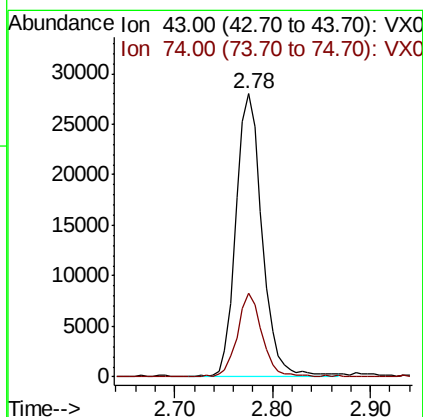
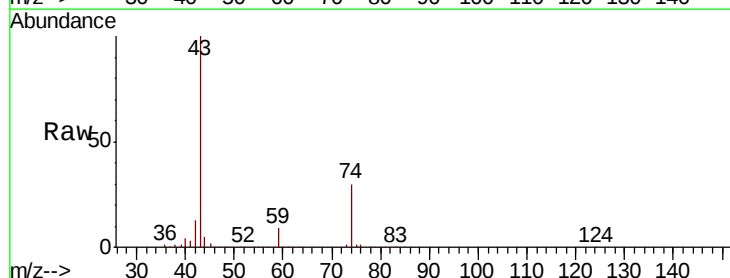
Instrument :
MSVOA_X
ClientSampleId :
VX0621WBSD01

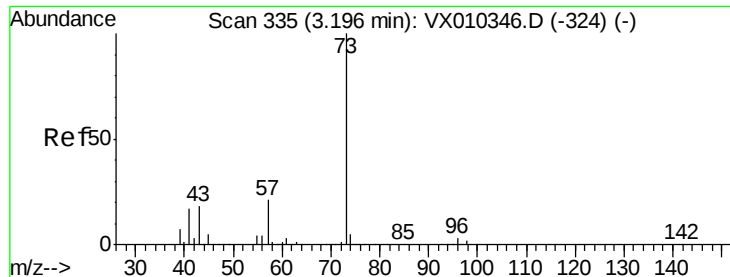
Tot Ion: 76 Resp: 115893
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 19.569 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010381.D
Acq: 21 Jun 2019 13:51

Tgt Ion: 43 Resp: 51830
Ion Ratio Lower Upper
43 100
74 28.3 21.3 31.9

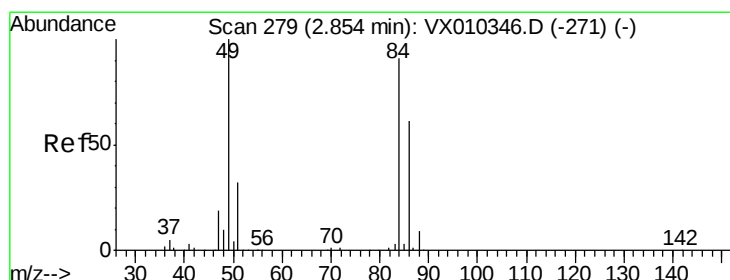
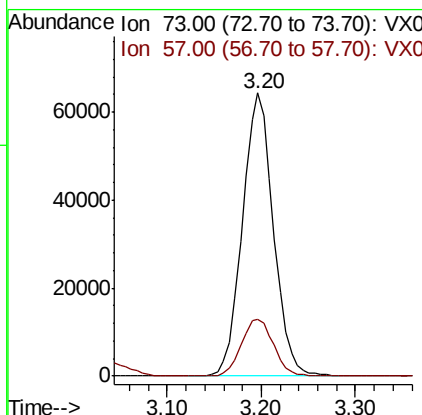
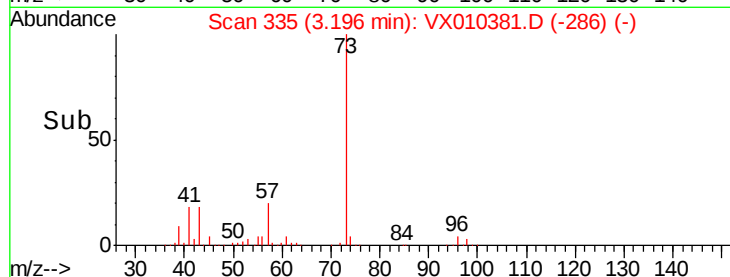
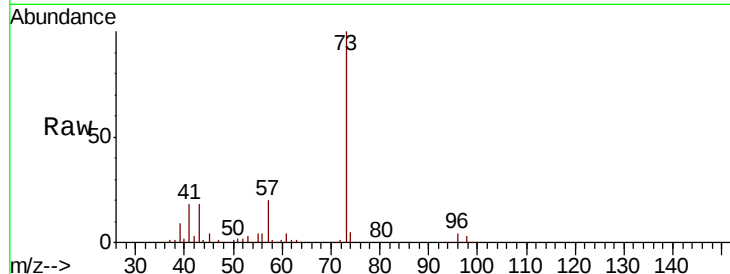




#19
Methyl tert-butyl Ether
Concen: 19.163 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010381.D
Acq: 21 Jun 2019 13:51

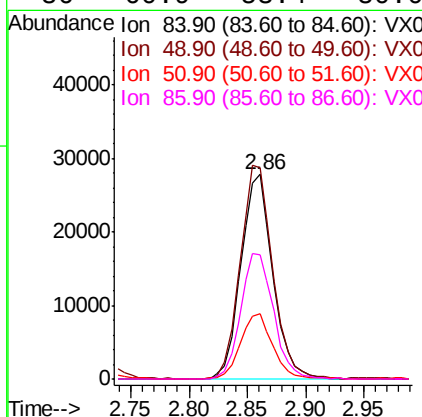
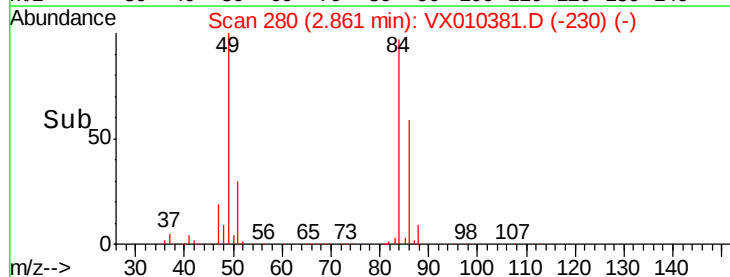
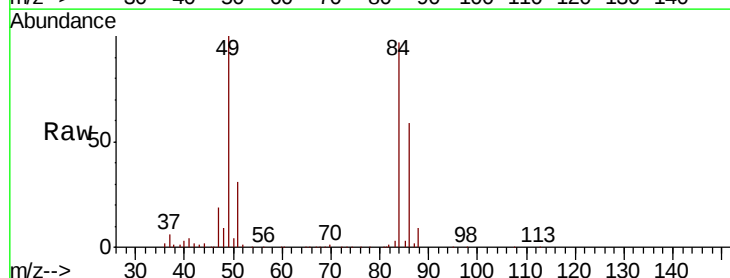
Instrument :
MSVOA_X
ClientSampleId :
VX0621WBSD01

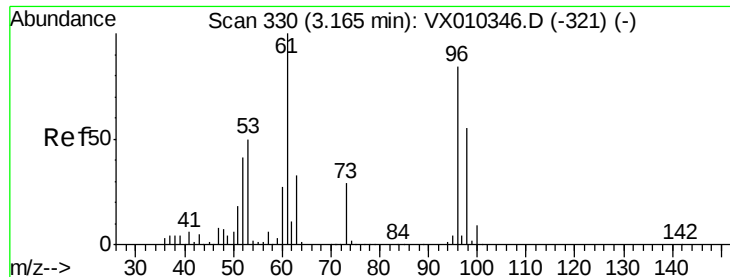
Tot Ion: 73 Resp: 147777
Ion Ratio Lower Upper
73 100
57 20.3 16.4 24.6



#20
Methylene Chloride
Concen: 19.435 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010381.D
Acq: 21 Jun 2019 13:51

Tgt Ion: 84 Resp: 53151
Ion Ratio Lower Upper
84 100
49 103.1 87.5 131.3
51 31.5 27.7 41.5
86 60.9 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 18.676 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010381.D

Acq: 21 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBSD01

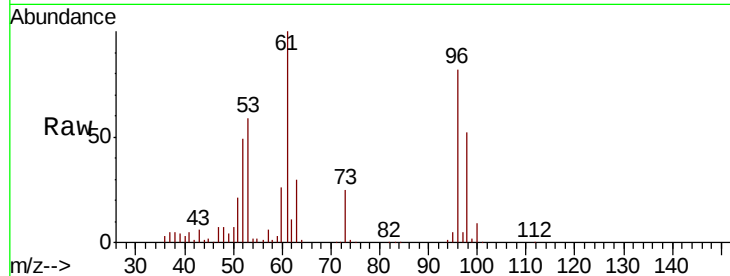
Tot Ion: 96 Resp: 49237

Ion Ratio Lower Upper

96 100

61 121.6 95.6 143.4

98 63.0 52.5 78.7

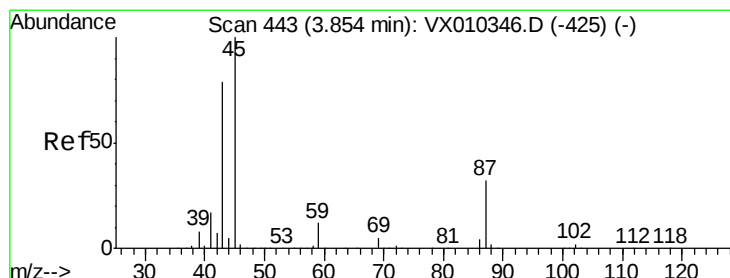
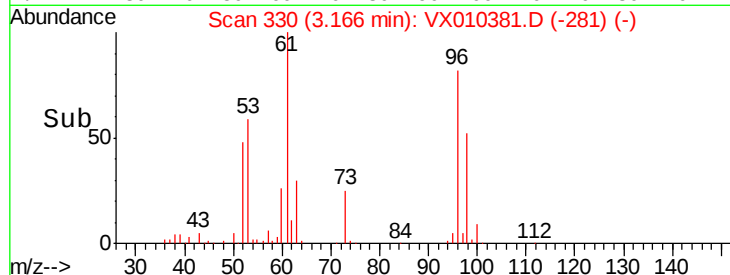
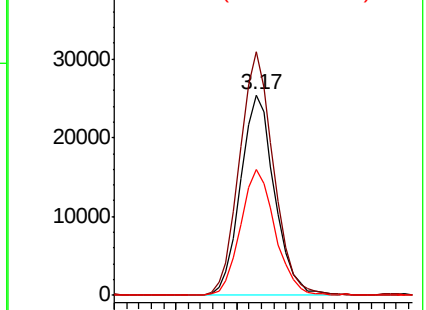


Abundance

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: 19.483 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX010381.D

Acq: 21 Jun 2019 13:51

Tgt Ion: 45 Resp: 141762

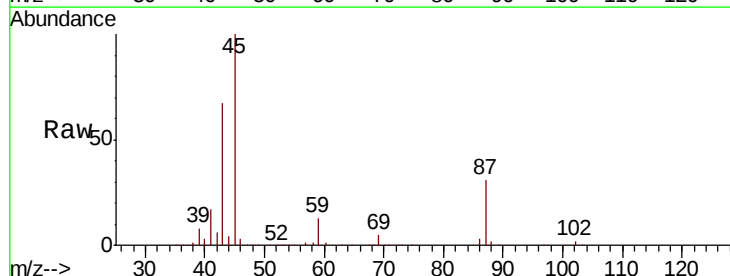
Ion Ratio Lower Upper

45 100

43 66.0 63.3 94.9

87 31.5 25.8 38.8

59 13.1 9.6 14.4



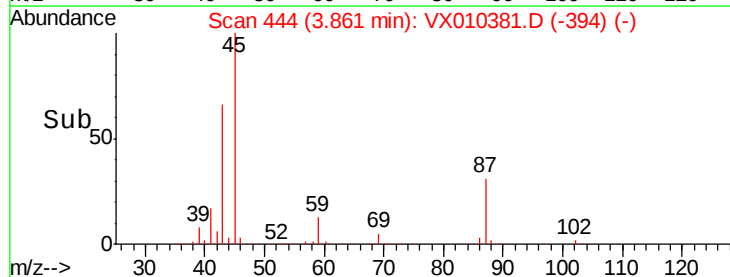
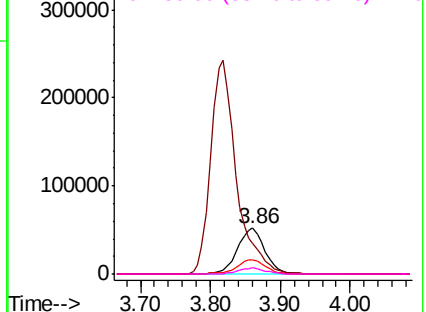
Abundance

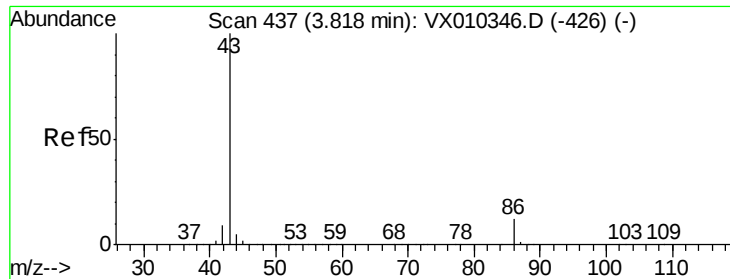
Ion 45.00 (44.70 to 45.70): VX0

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

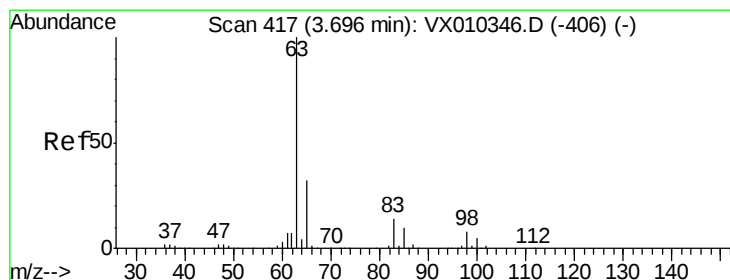
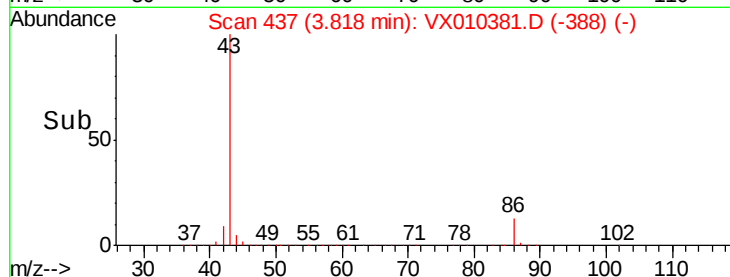
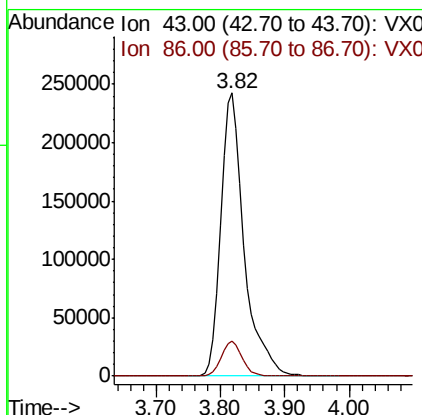
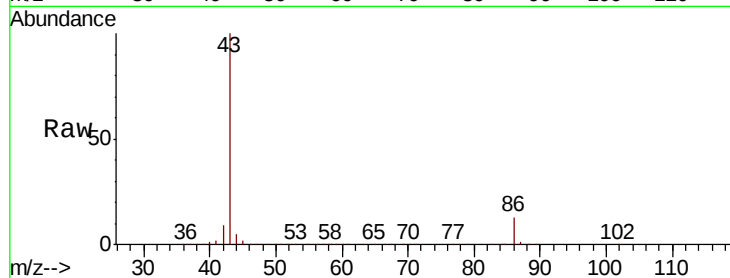




#23
 Vinyl Acetate
 Concen: 98.801 ug/l
 RT: 3.82 min Scan# 437
 Delta R.T. 0.00 min
 Lab File: VX010381.D
 Acq: 21 Jun 2019 13:51

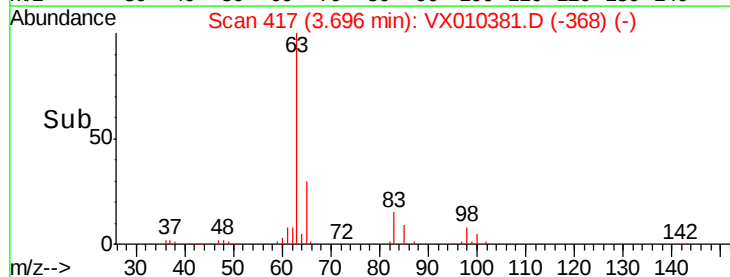
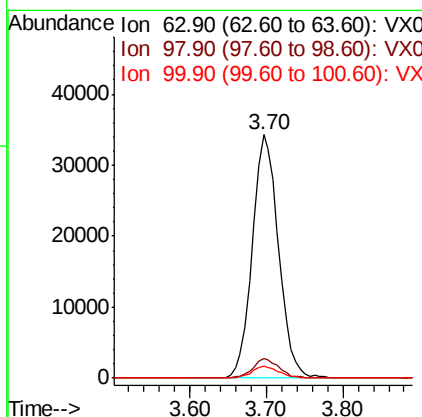
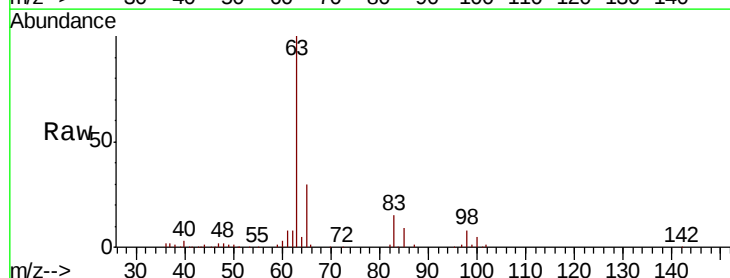
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0621WBSD01

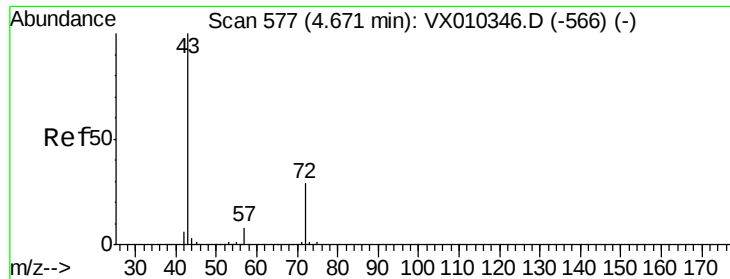
Tot Ion: 43 Resp: 621042
 Ion Ratio Lower Upper
 43 100
 86 12.5 9.9 14.9



#24
 1,1-Dichloroethane
 Concen: 19.481 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VX010381.D
 Acq: 21 Jun 2019 13:51

Tgt Ion: 63 Resp: 81935
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.9 11.7
 100 5.0 2.4 7.1





#25

2-Butanone

Concen: 95.612 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010381.D

Acq: 21 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

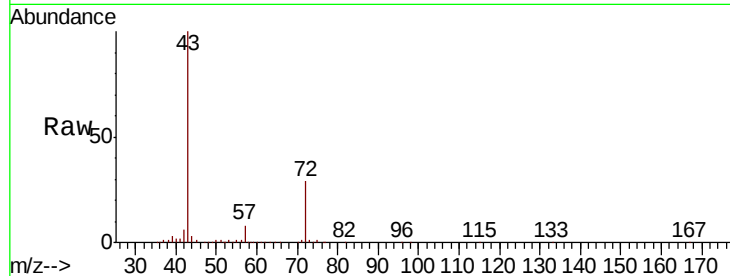
VX0621WBSD01

Tot Ion: 43 Resp: 186377

Ion Ratio Lower Upper

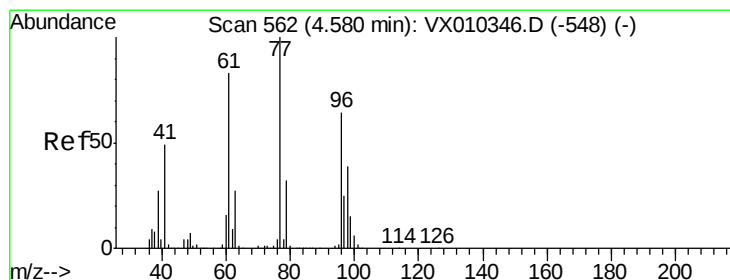
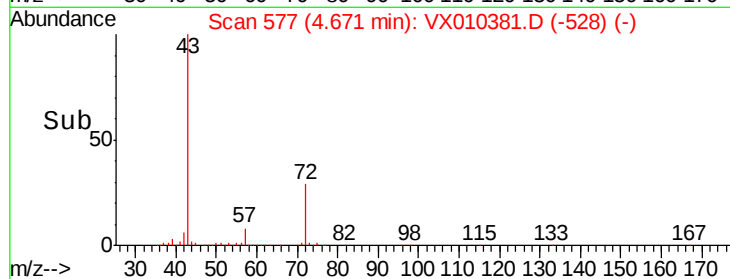
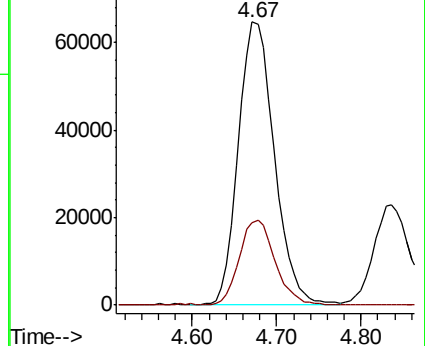
43 100

72 29.0 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.235 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010381.D

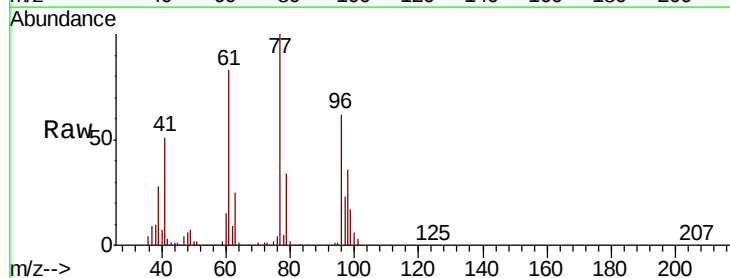
Acq: 21 Jun 2019 13:51

Tgt Ion: 77 Resp: 66622

Ion Ratio Lower Upper

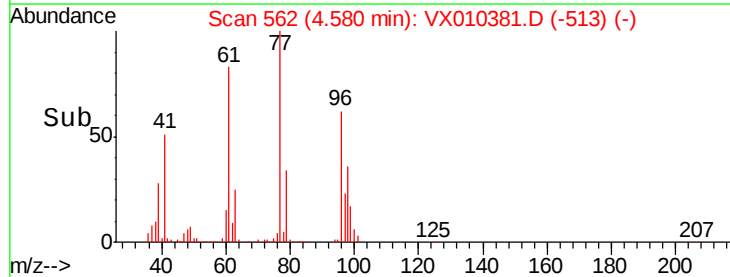
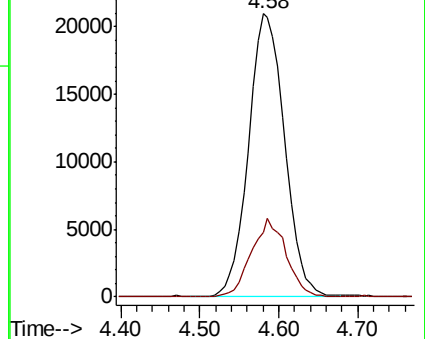
77 100

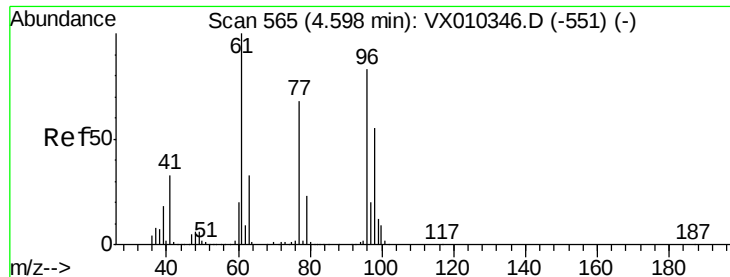
97 26.6 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



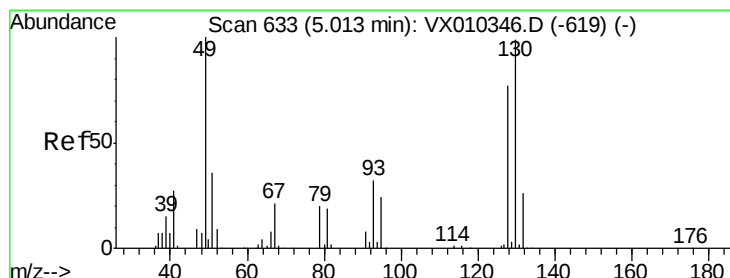
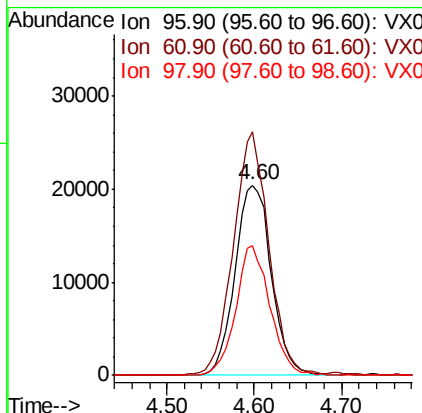
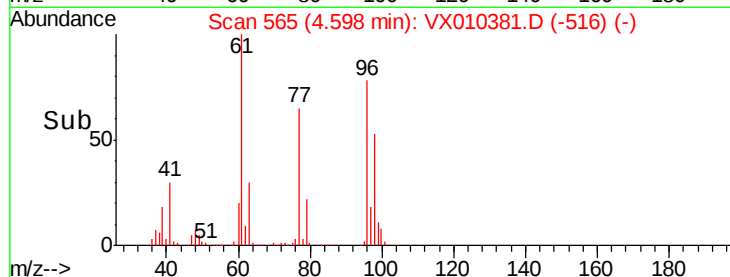
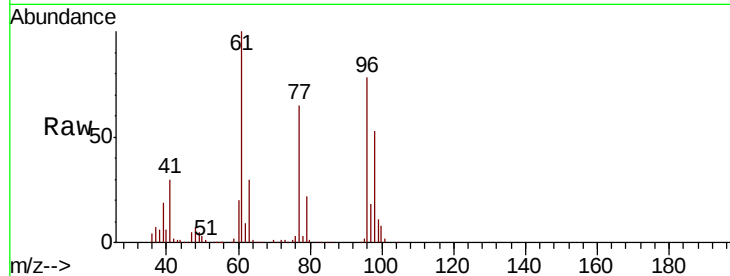


#27

cis-1,2-Dichloroethene
Concen: 19.341 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010381.D
Acq: 21 Jun 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBSD01

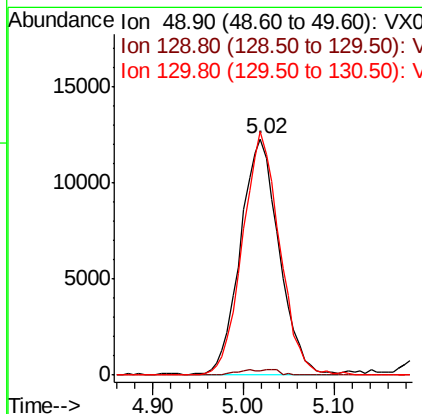
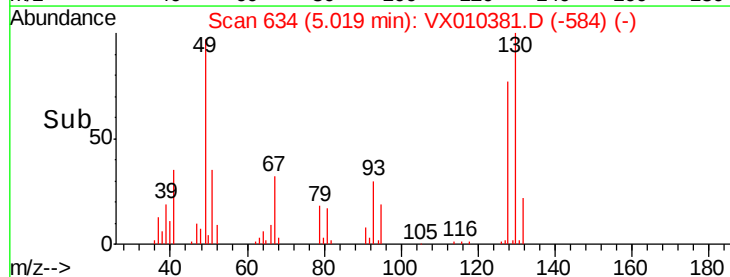
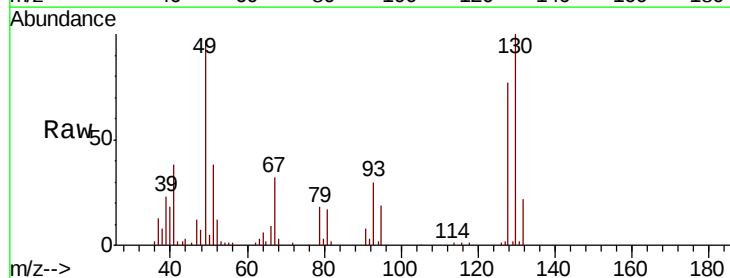
Tot Ion: 96 Resp: 58922
Ion Ratio Lower Upper
96 100
61 124.9 0.0 251.8
98 64.4 0.0 129.4

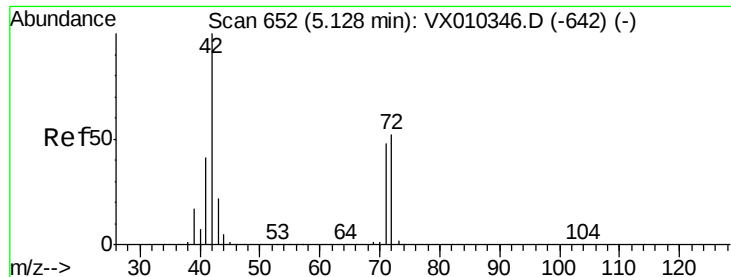


#28

Bromochloromethane
Concen: 18.099 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX010381.D
Acq: 21 Jun 2019 13:51

Tgt Ion: 49 Resp: 36395
Ion Ratio Lower Upper
49 100
129 2.5 0.0 5.6
130 98.3 81.4 122.0





#29

Tetrahydrofuran

Concen: 98.640 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX010381.D

Acq: 21 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBSD01

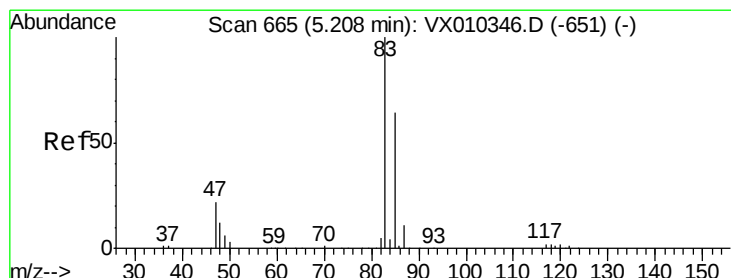
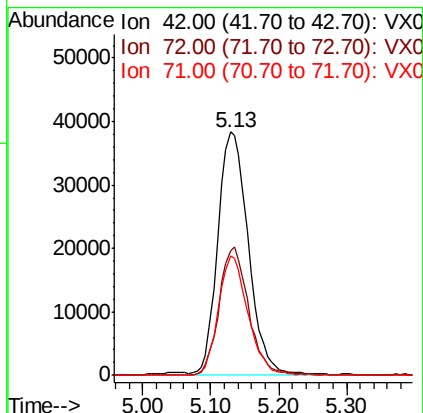
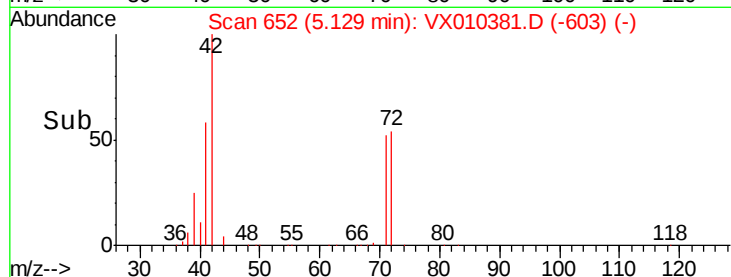
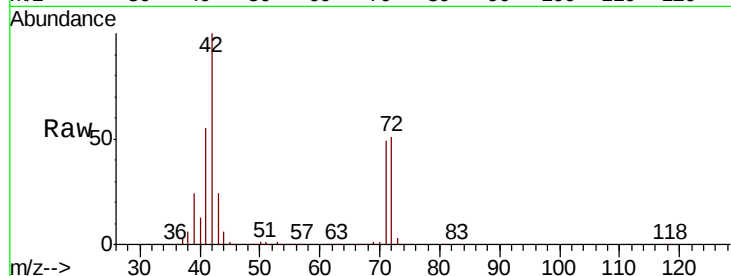
Tot Ion: 42 Resp: 119099

Ion Ratio Lower Upper

42 100

72 51.4 40.6 60.8

71 47.6 37.8 56.8



#30

Chloroform

Concen: 18.845 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX010381.D

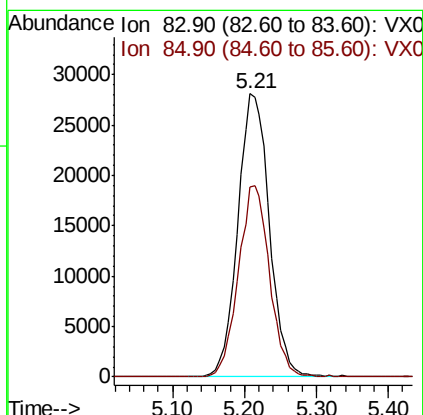
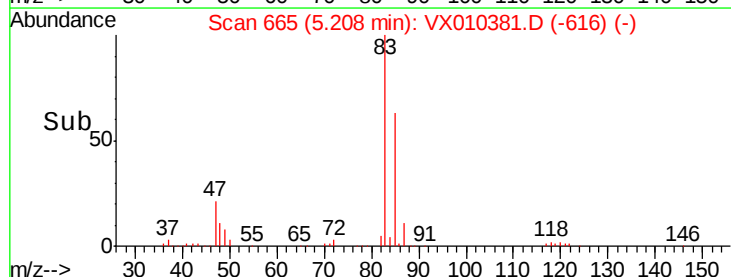
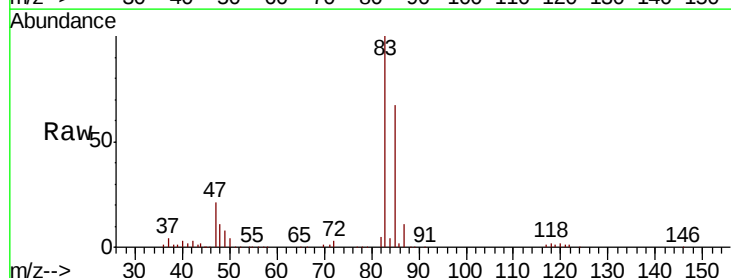
Acq: 21 Jun 2019 13:51

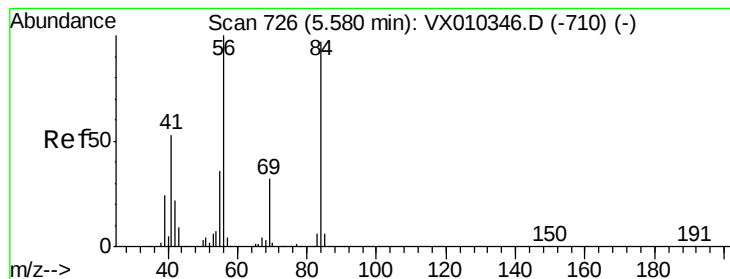
Tgt Ion: 83 Resp: 85277

Ion Ratio Lower Upper

83 100

85 67.1 50.9 76.3





#31

Cyclohexane

Concen: 19.212 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010381.D

Acq: 21 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampled :

VX0621WBSD01

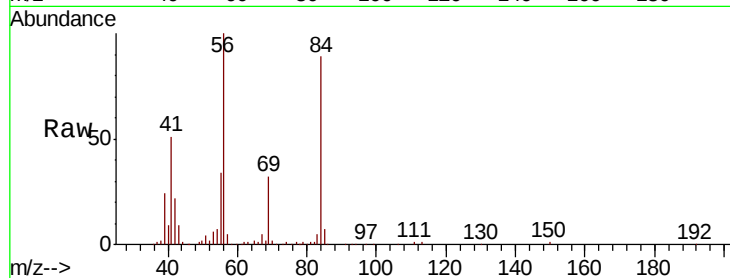
Tot Ion: 56 Resp: 73584

Ion Ratio Lower Upper

56 100

69 31.8 25.9 38.9

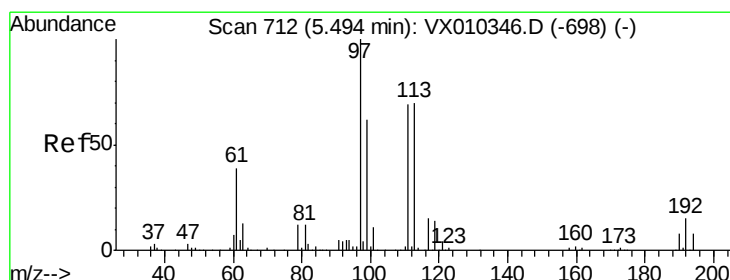
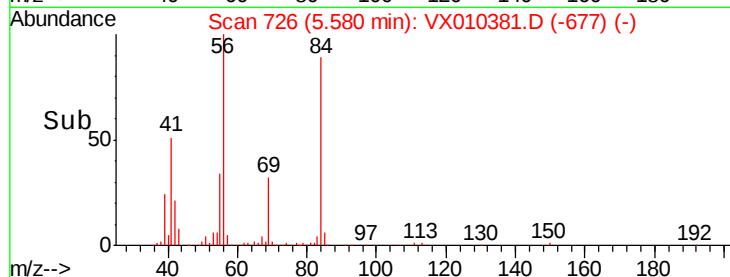
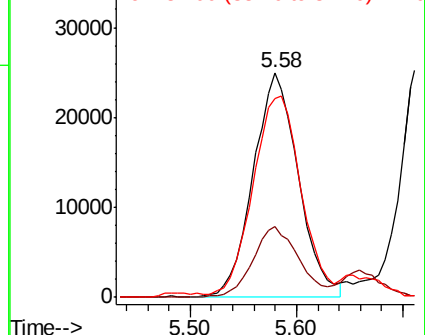
84 87.5 78.0 117.0



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: 19.603 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX010381.D

Acq: 21 Jun 2019 13:51

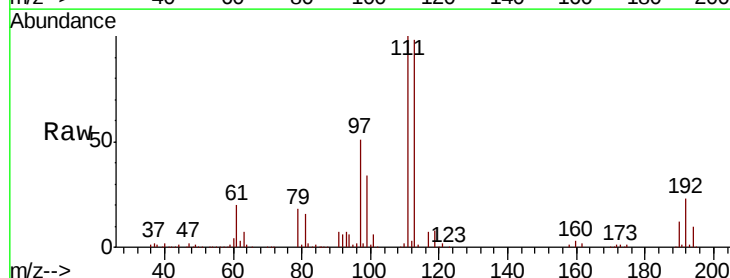
Tgt Ion: 97 Resp: 78329

Ion Ratio Lower Upper

97 100

99 63.6 51.8 77.8

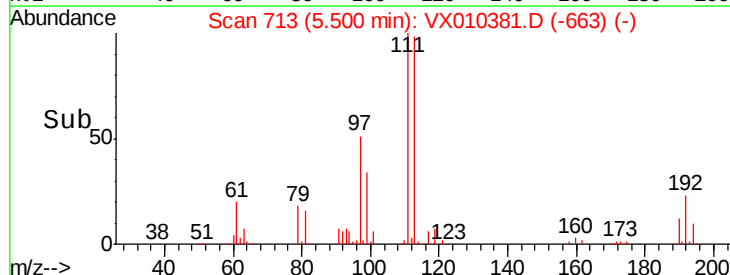
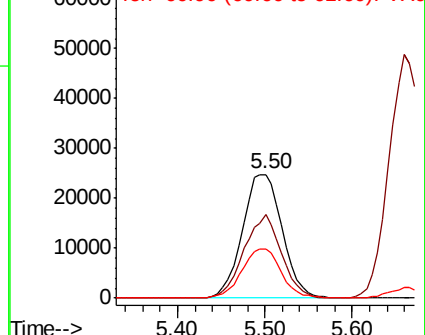
61 39.6 32.1 48.1

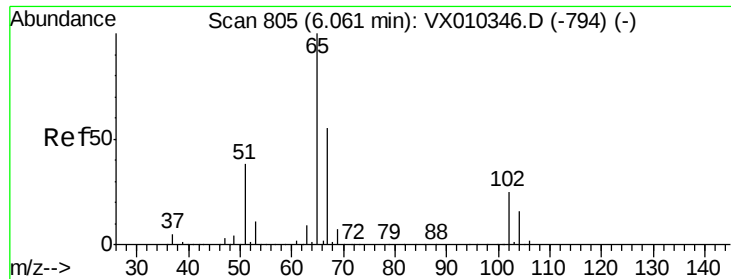


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 50.355 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010381.D

Acq: 21 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

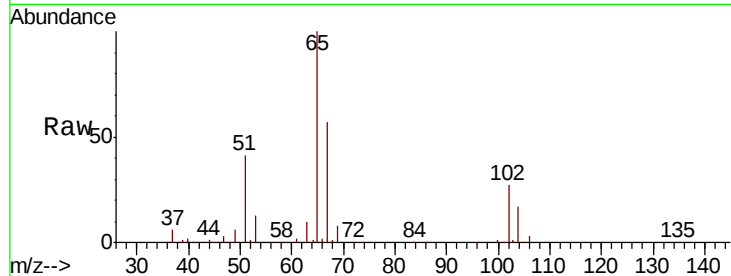
VX0621WBSD01

Tot Ion: 65 Resp: 133519

Ion Ratio Lower Upper

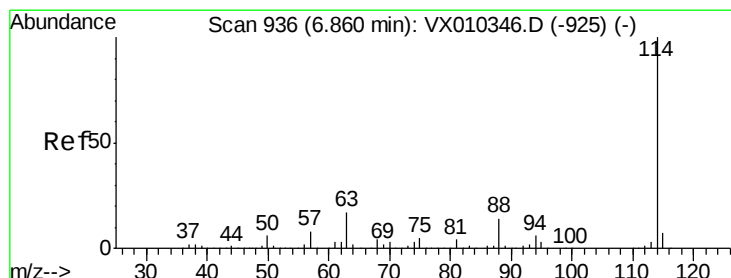
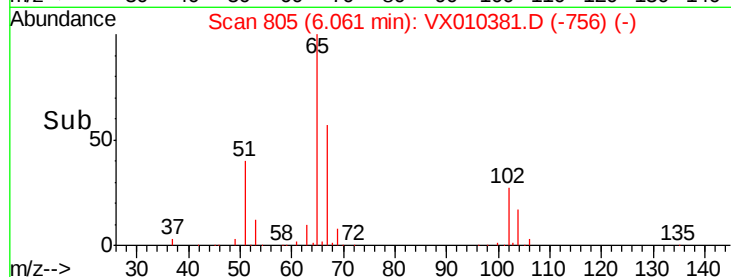
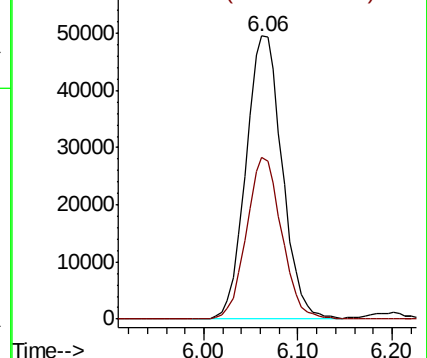
65 100

67 55.5 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010381.D

Acq: 21 Jun 2019 13:51

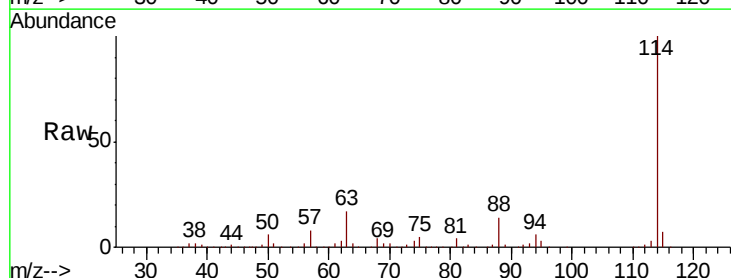
Tgt Ion: 114 Resp: 422688

Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.8

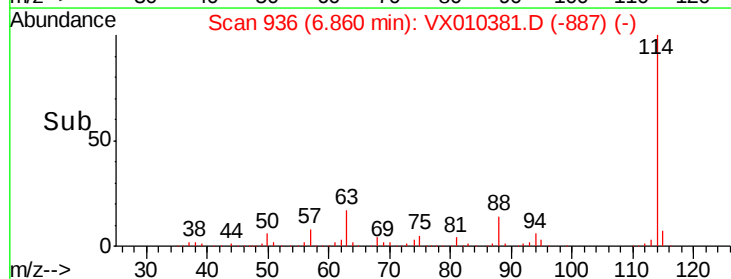
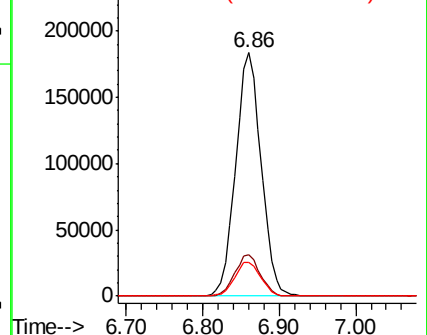
88 14.1 0.0 27.6

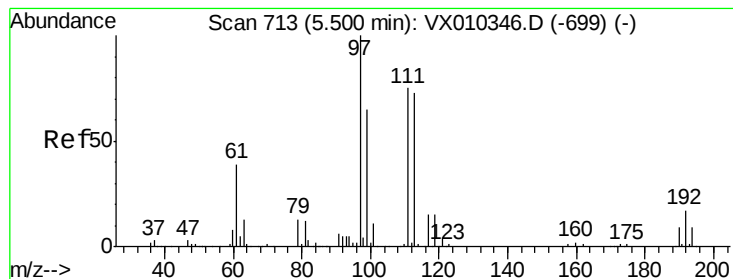


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.435 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010381.D

Acq: 21 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBSD01

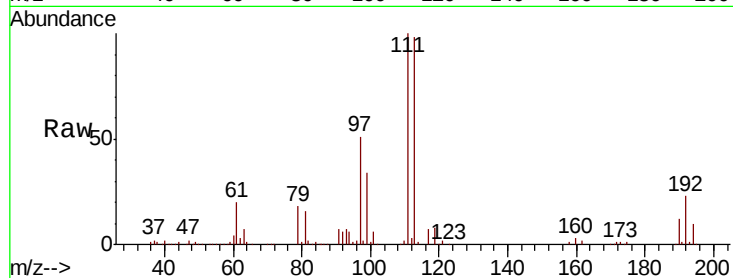
Tot Ion:113 Resp: 133018

Ion Ratio Lower Upper

113 100

111 102.3 81.2 121.8

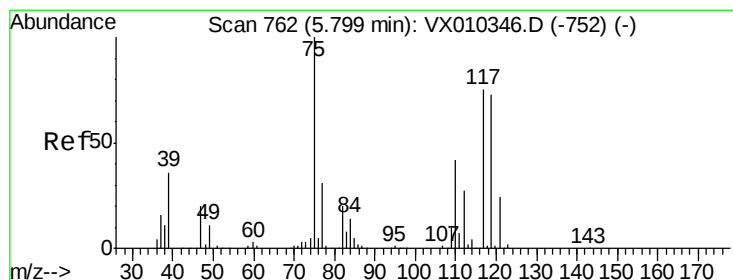
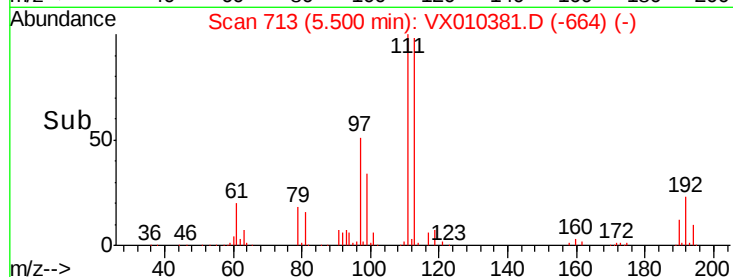
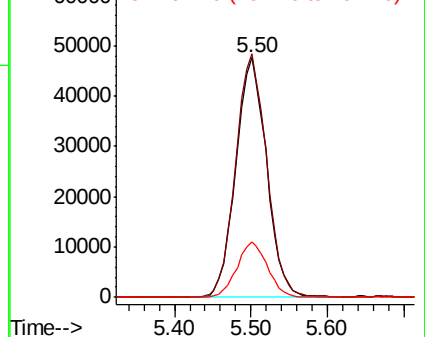
192 23.0 18.6 27.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.626 ug/l

RT: 5.81 min Scan# 763

Delta R.T. 0.01 min

Lab File: VX010381.D

Acq: 21 Jun 2019 13:51

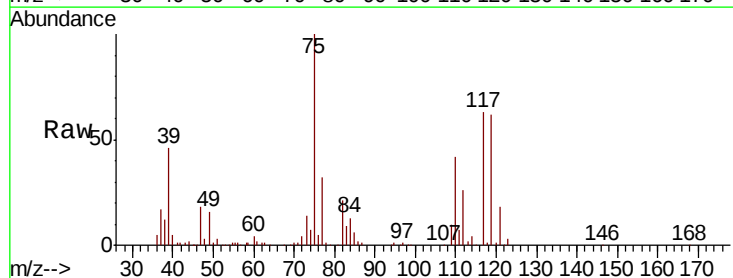
Tgt Ion: 75 Resp: 62562

Ion Ratio Lower Upper

75 100

110 42.0 20.8 62.2

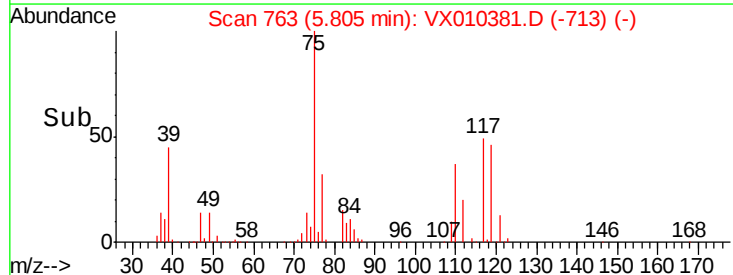
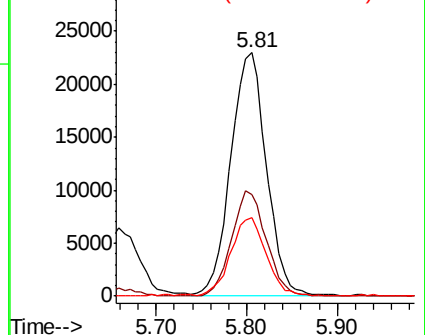
77 31.4 25.4 38.0

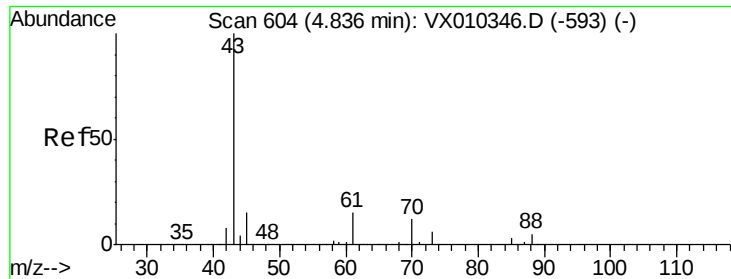


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 19.972 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX010381.D

Acq: 21 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBSD01

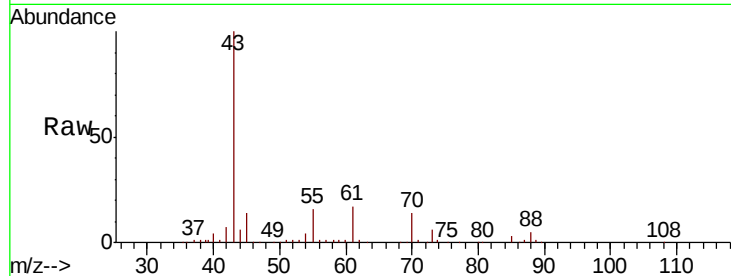
Tot Ion: 43 Resp: 69014

Ion Ratio Lower Upper

43 100

61 15.7 12.4 18.6

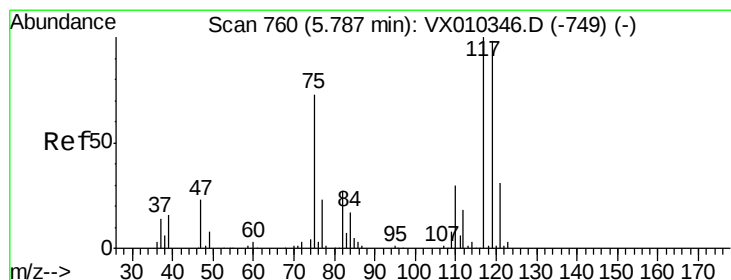
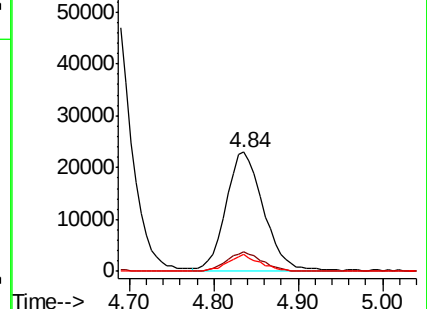
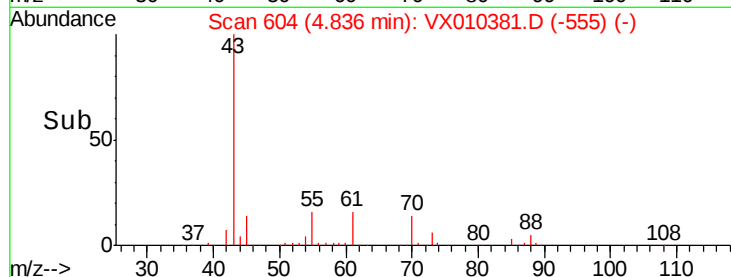
70 12.2 9.8 14.8



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: 19.107 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX010381.D

Acq: 21 Jun 2019 13:51

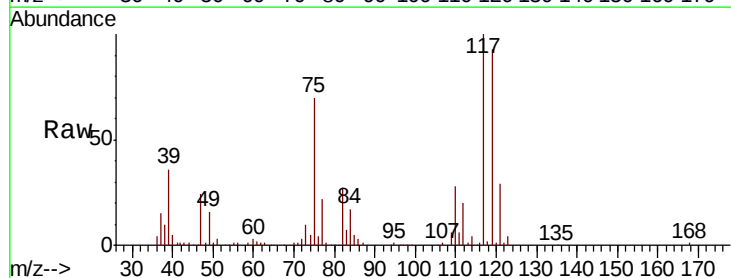
Tgt Ion: 117 Resp: 69497

Ion Ratio Lower Upper

117 100

119 93.3 78.2 117.4

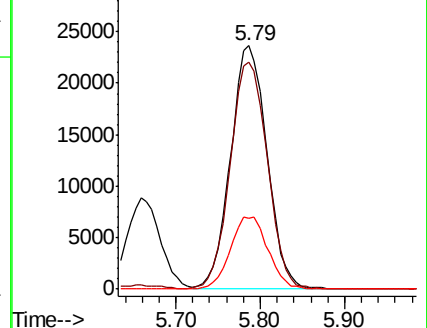
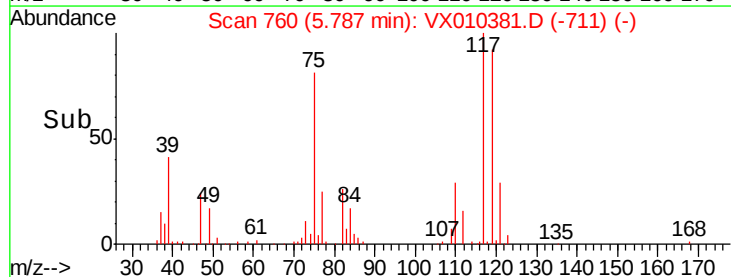
121 29.1 24.7 37.1

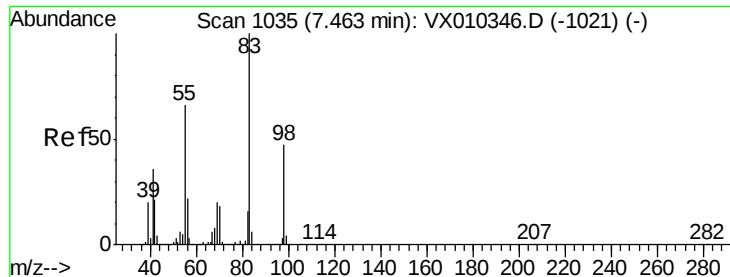


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

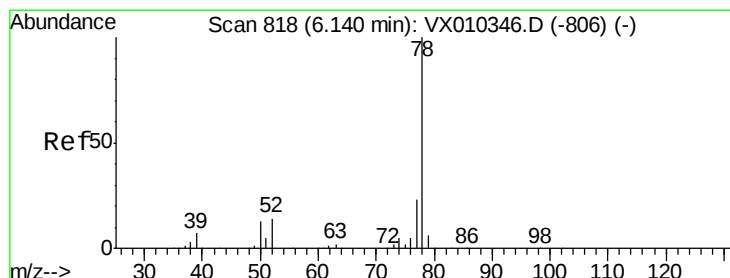
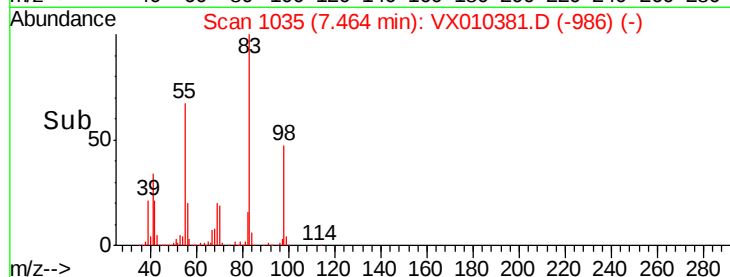
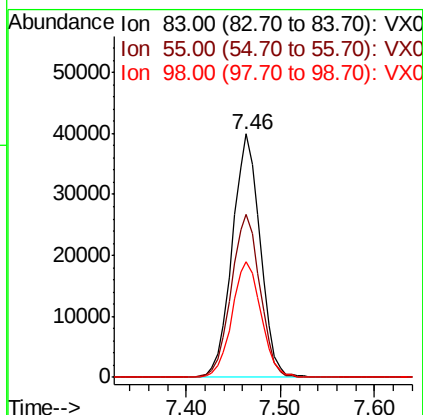
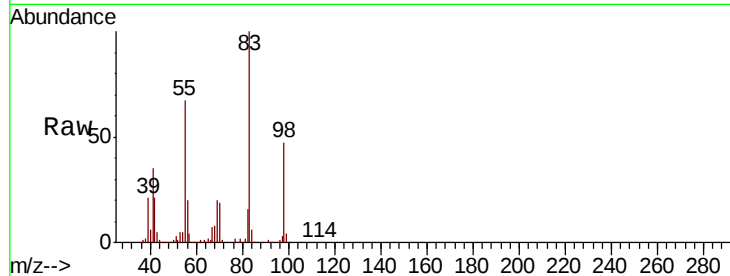




#39
Methvlcvclohexane
Concen: 18.672 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010381.D
Acq: 21 Jun 2019 13:51

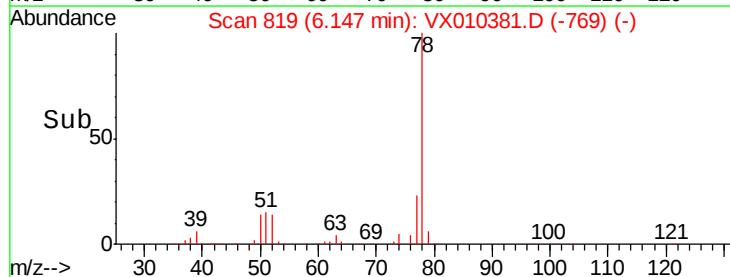
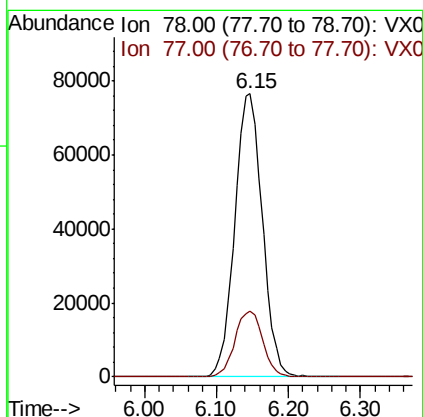
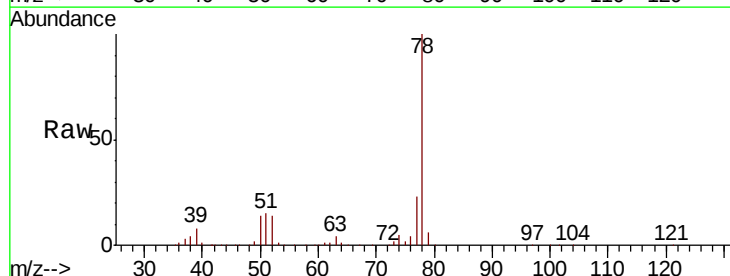
Instrument :
MSVOA_X
ClientSampleId :
VX0621WBSD01

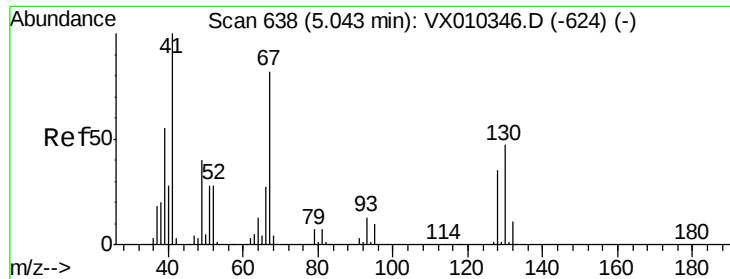
Tot Ion: 83 Resp: 82441
Ion Ratio Lower Upper
83 100
55 67.0 53.0 79.6
98 47.4 37.8 56.8



#40
Benzene
Concen: 19.456 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX010381.D
Acq: 21 Jun 2019 13:51

Tgt Ion: 78 Resp: 203603
Ion Ratio Lower Upper
78 100
77 23.3 18.6 28.0

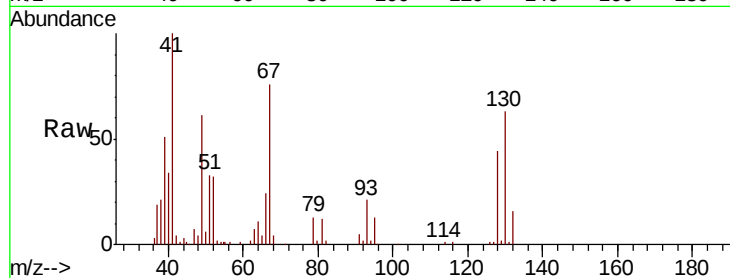




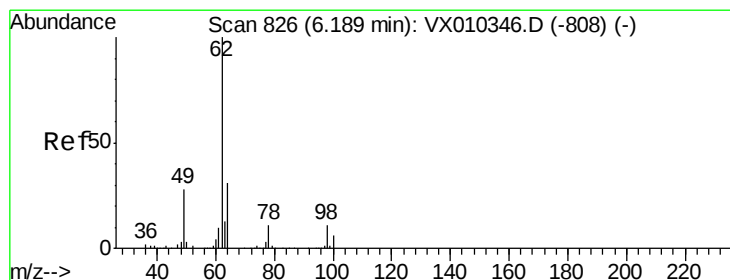
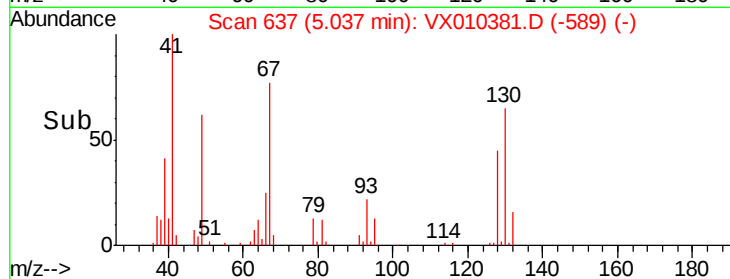
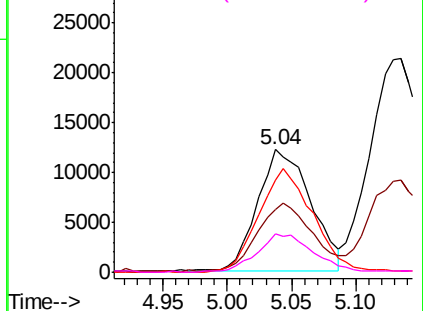
#41
Methacrylonitrile
Concen: 18.459 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX010381.D
Acq: 21 Jun 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBSD01

Tot Ion: 41 Resp: 34998
Ion Ratio Lower Upper
41 100
39 59.5 43.8 65.8
67 87.2 66.6 100.0
52 34.5 24.5 36.7

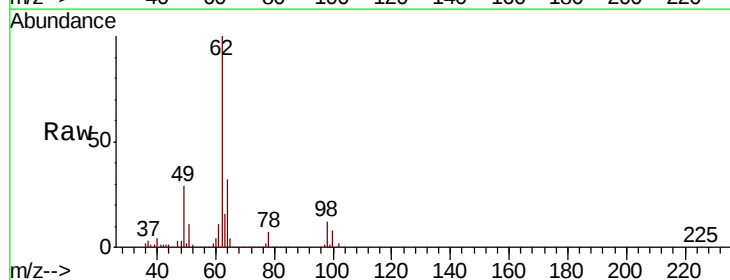


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

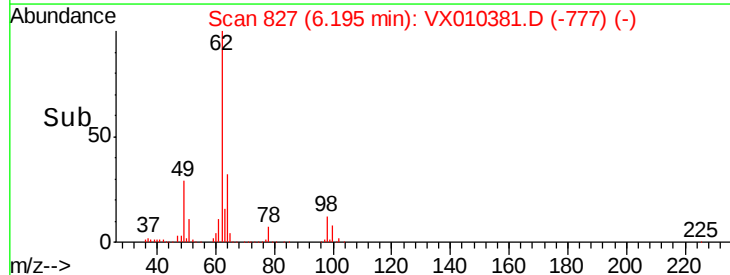
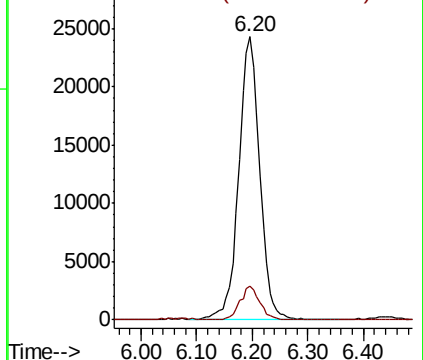


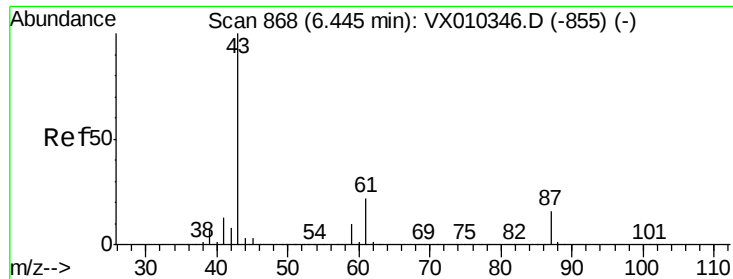
#42
1,2-Dichloroethane
Concen: 20.056 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX010381.D
Acq: 21 Jun 2019 13:51

Tgt Ion: 62 Resp: 63887
Ion Ratio Lower Upper
62 100
98 11.0 0.0 22.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



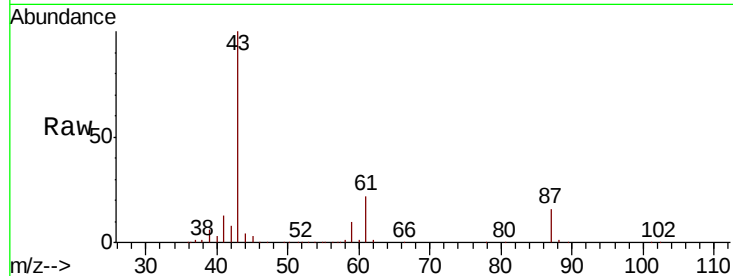


#43

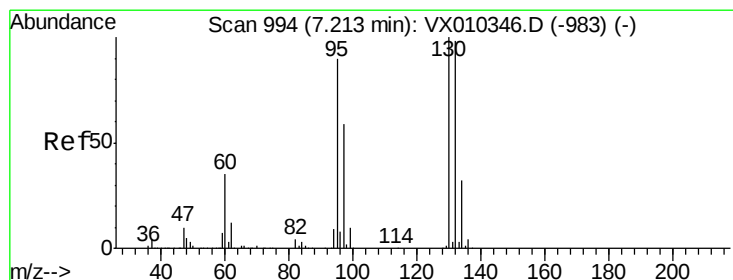
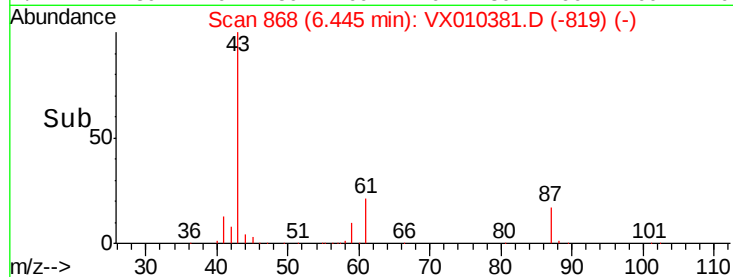
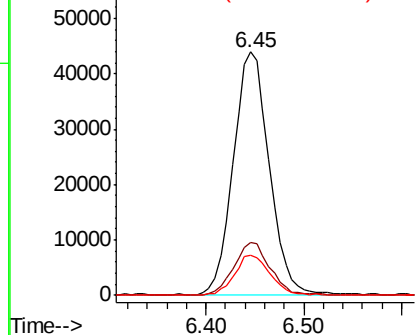
Isopropyl Acetate
 Concen: 19.440 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX010381.D
 Acq: 21 Jun 2019 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBSD01

Tot Ion: 43 Resp: 111139
 Ion Ratio Lower Upper
 43 100
 61 22.2 17.8 26.6
 87 16.7 13.0 19.4



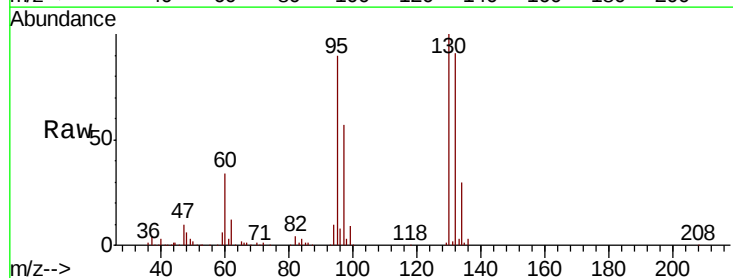
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



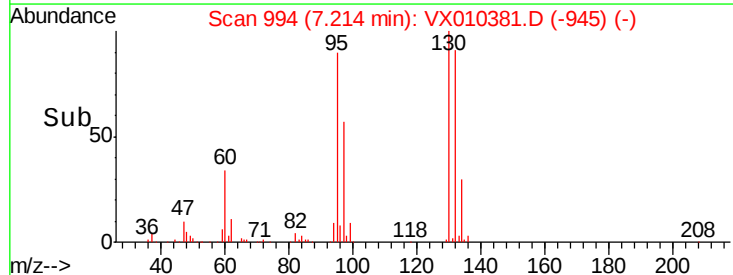
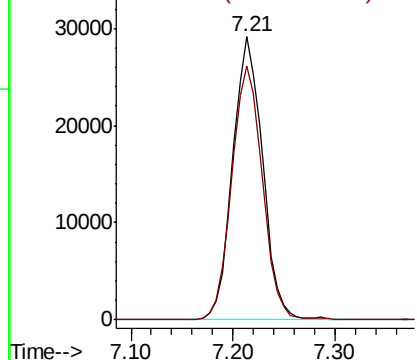
#44

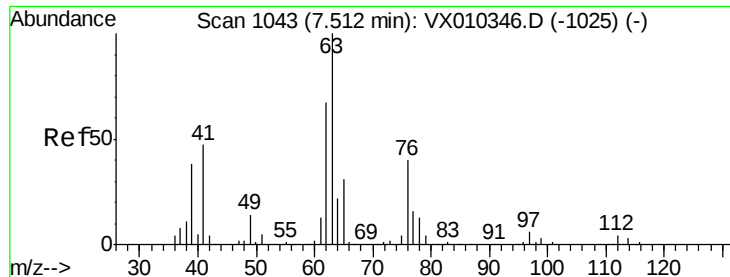
Trichloroethene
 Concen: 18.910 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010381.D
 Acq: 21 Jun 2019 13:51

Tgt Ion:130 Resp: 59212
 Ion Ratio Lower Upper
 130 100
 95 89.7 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

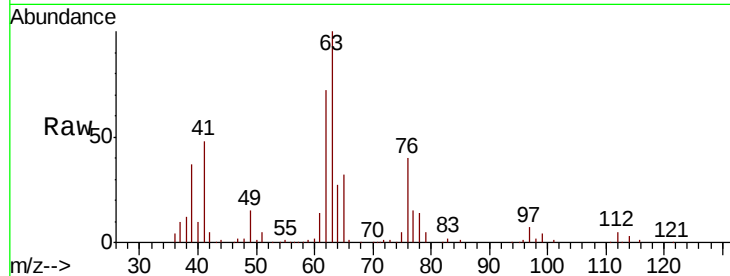




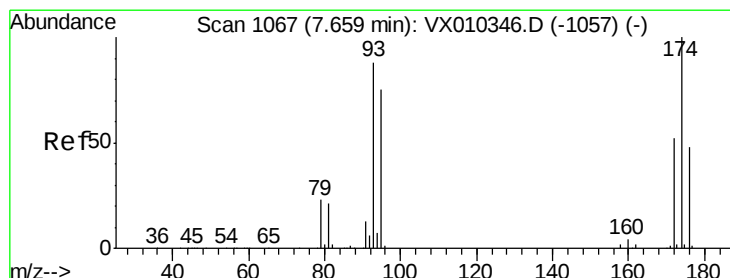
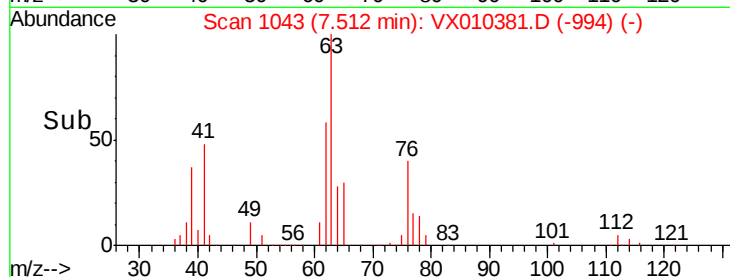
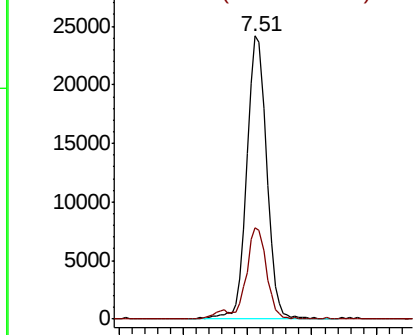
#45
 1,2-Dichloropropane
 Concen: 19.319 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010381.D
 Acq: 21 Jun 2019 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBSD01

Tot Ion: 63 Resp: 51053
 Ion Ratio Lower Upper
 63 100
 65 32.1 24.8 37.2

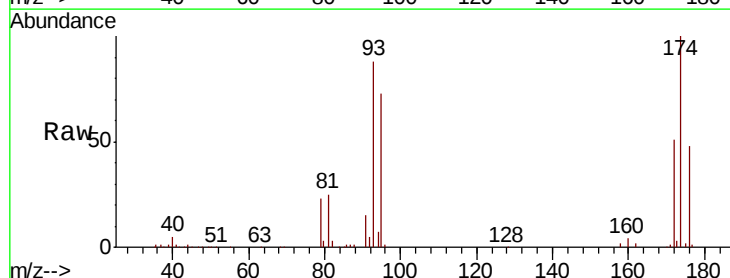


Abundance Ion 62.90 (62.60 to 63.60): VX0
 Ion 64.90 (64.60 to 65.60): VX0

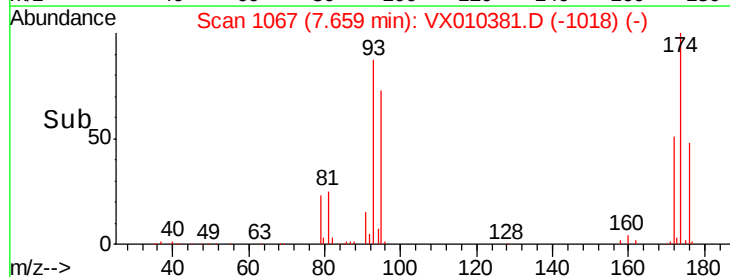
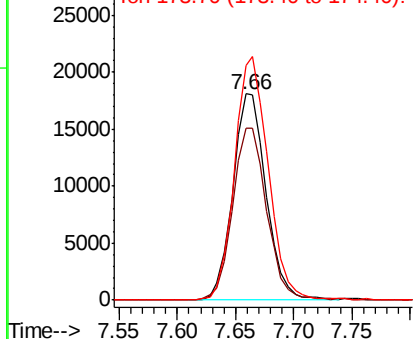


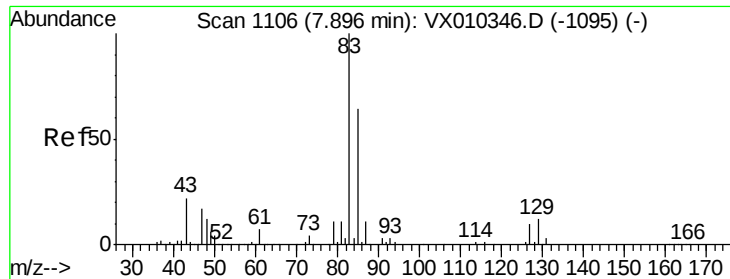
#46
 Dibromomethane
 Concen: 18.979 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010381.D
 Acq: 21 Jun 2019 13:51

Tgt Ion: 93 Resp: 35985
 Ion Ratio Lower Upper
 93 100
 95 85.5 67.5 101.3
 174 119.3 95.8 143.6



Abundance Ion 92.80 (92.50 to 93.50): VX0
 Ion 94.80 (94.50 to 95.50): VX0
 Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.757 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010381.D

Acq: 21 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBSD01

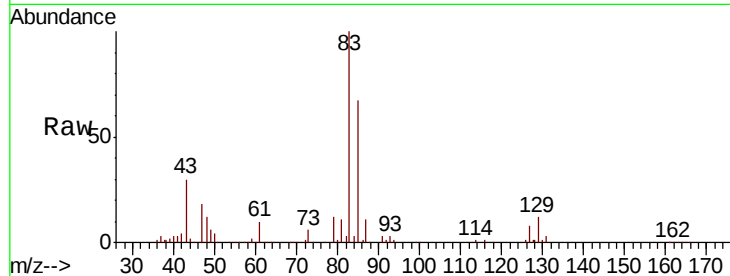
Tot Ion: 83 Resp: 65175

Ion Ratio Lower Upper

83 100

85 66.6 51.5 77.3

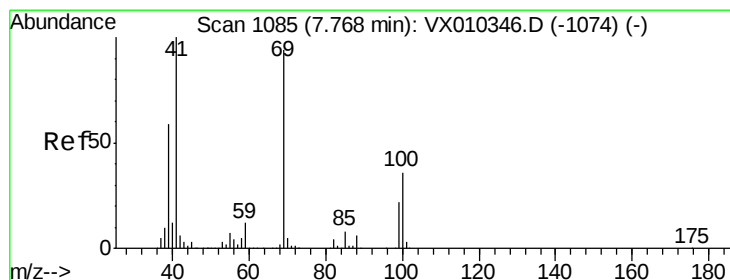
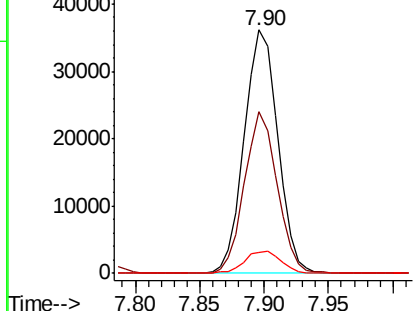
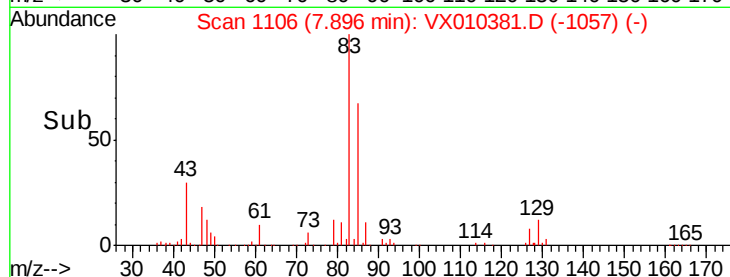
127 8.4 7.8 11.8



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: 19.541 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010381.D

Acq: 21 Jun 2019 13:51

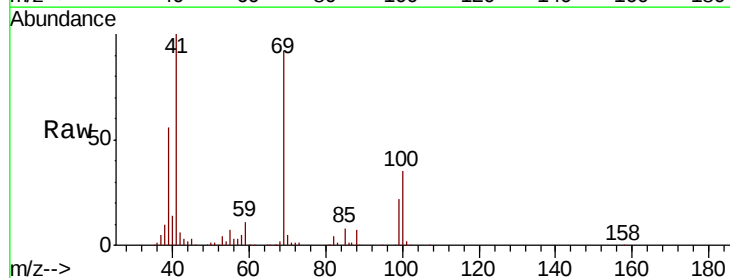
Tgt Ion: 41 Resp: 51929

Ion Ratio Lower Upper

41 100

69 96.3 76.1 114.1

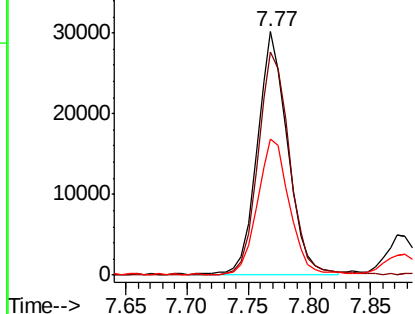
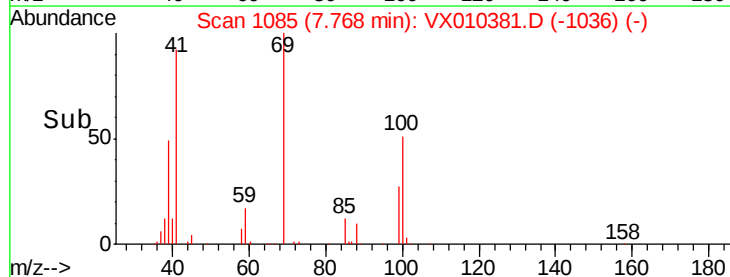
39 58.5 47.6 71.4

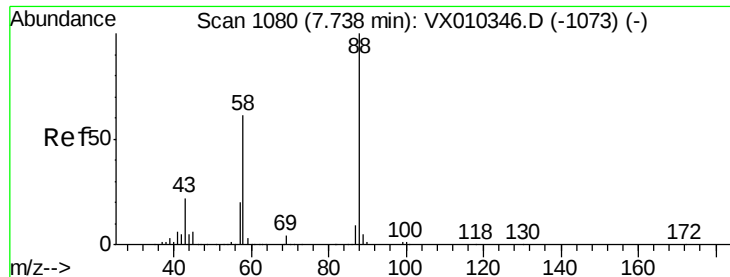


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 381.543 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX010381.D

Acq: 21 Jun 2019 13:51

Instrument :

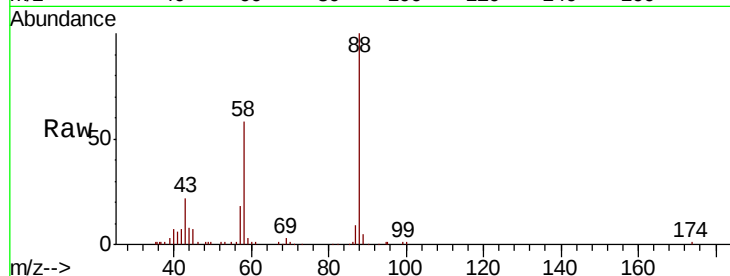
MSVOA_X

ClientSampled :

VX0621WBSD01

Tot Ion: 88 Resp: 29208

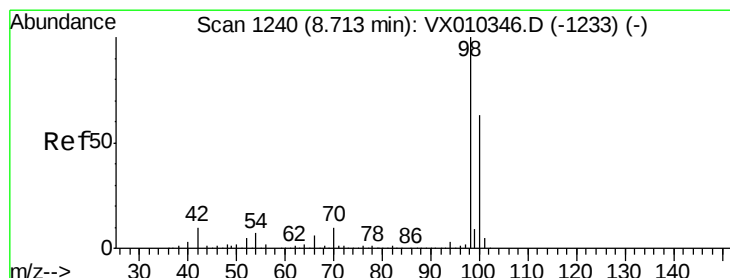
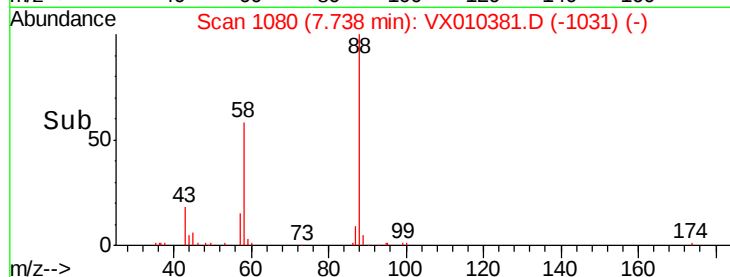
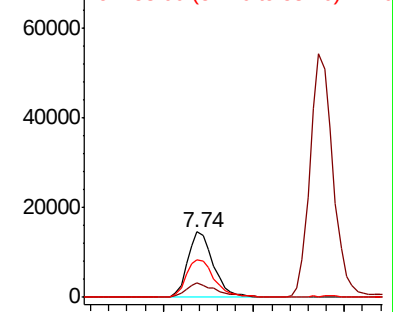
Ion	Ratio	Lower	Upper
88	100		
43	26.5	20.2	30.2
58	60.8	49.5	74.3



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: 50.647 ug/l

RT: 8.71 min Scan# 1240

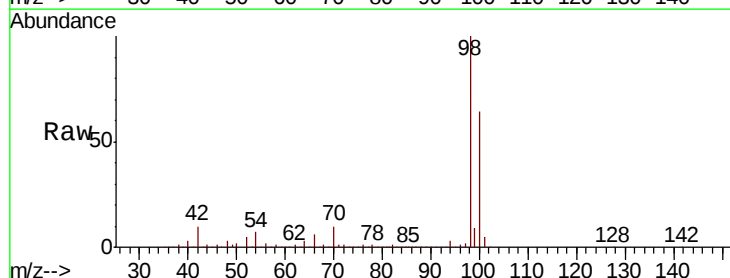
Delta R.T. 0.00 min

Lab File: VX010381.D

Acq: 21 Jun 2019 13:51

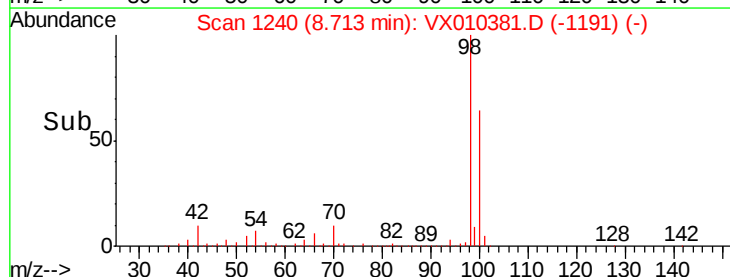
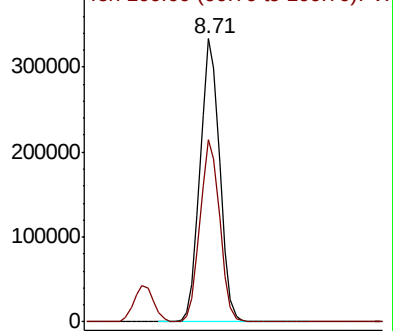
Tgt Ion: 98 Resp: 501105

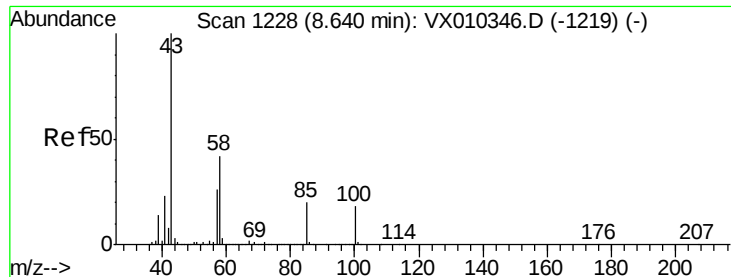
Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.6	77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 98.362 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX010381.D

Acq: 21 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleID :

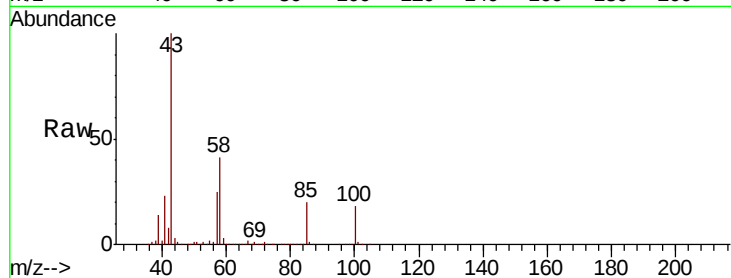
VX0621WBSD01

Tot Ion: 43 Resp: 359654

Ion Ratio Lower Upper

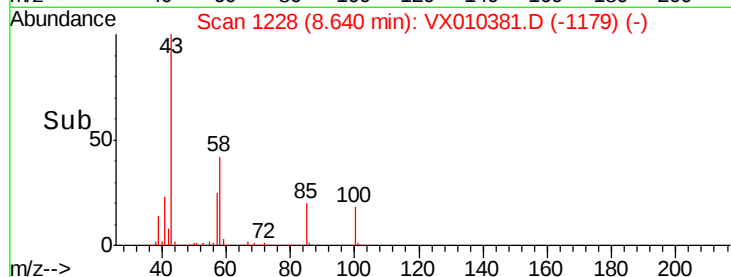
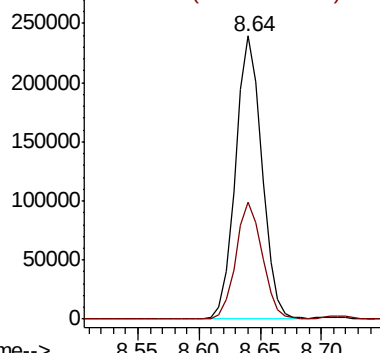
43 100

58 41.5 33.5 50.3

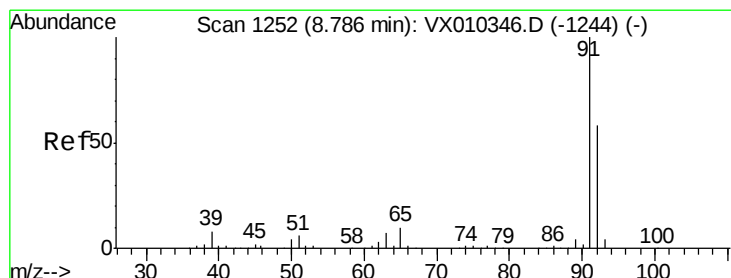


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#52

Toluene

Concen: 18.979 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX010381.D

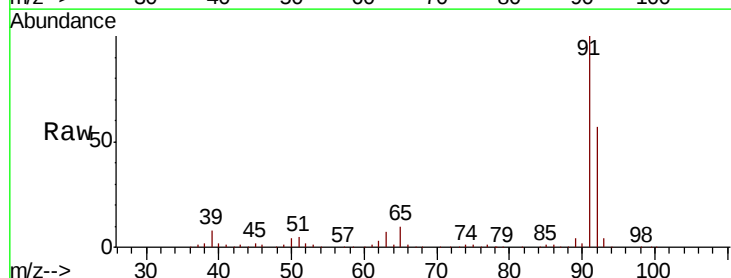
Acq: 21 Jun 2019 13:51

Tgt Ion: 92 Resp: 130787

Ion Ratio Lower Upper

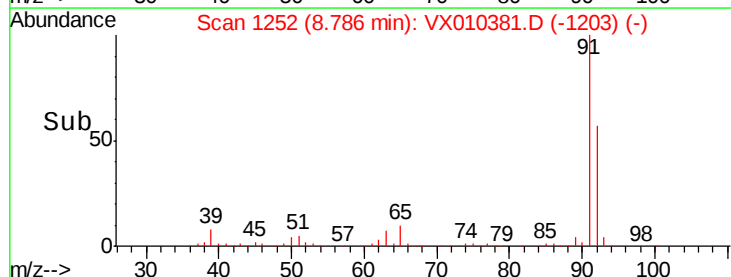
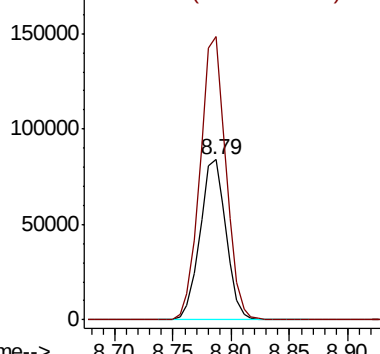
92 100

91 176.0 139.8 209.6

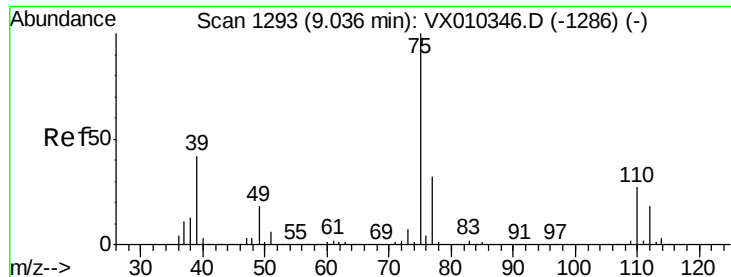


Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



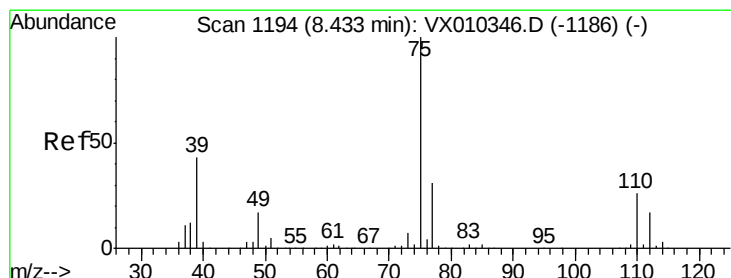
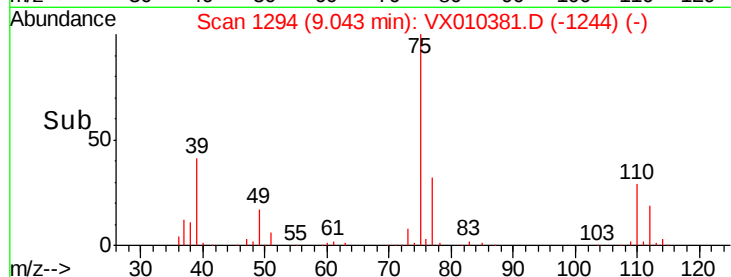
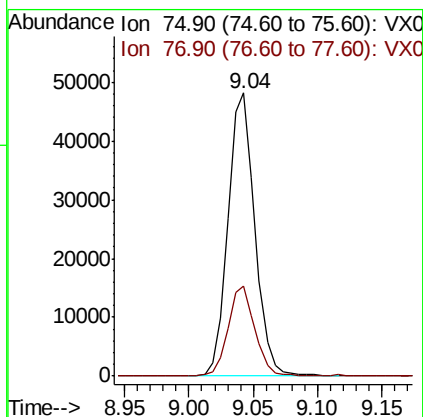
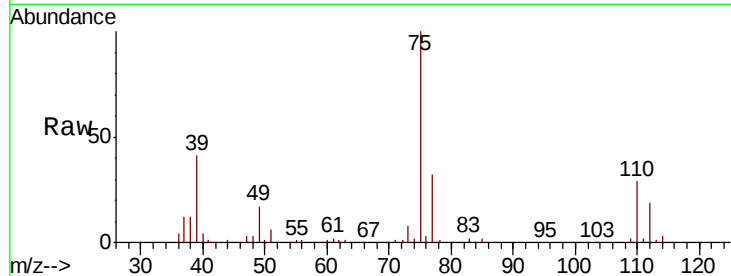
Time-->



#53
 t-1,3-Dichloropropene
 Concen: 18.136 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX010381.D
 Acq: 21 Jun 2019 13:51

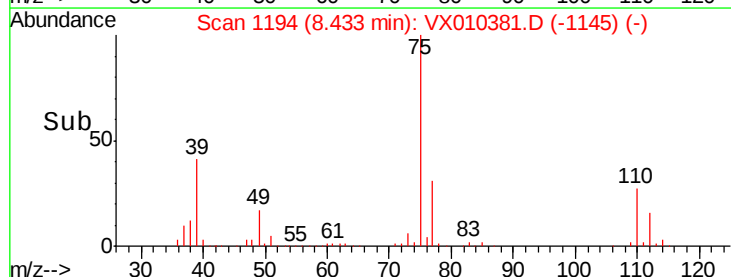
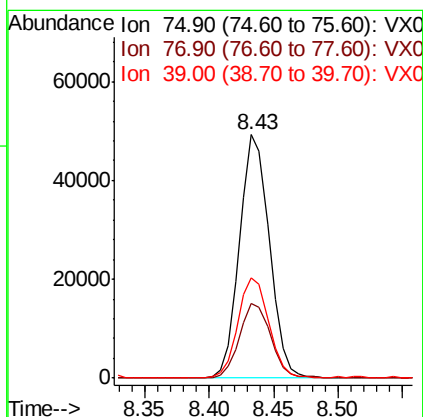
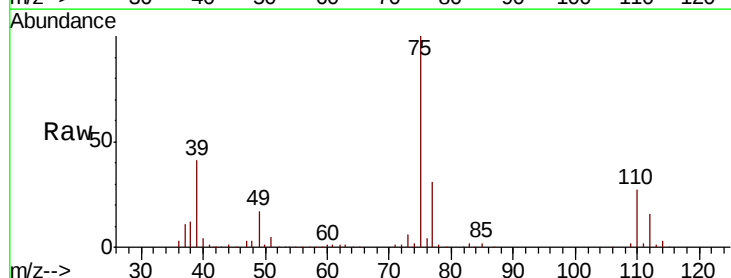
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0621WBSD01

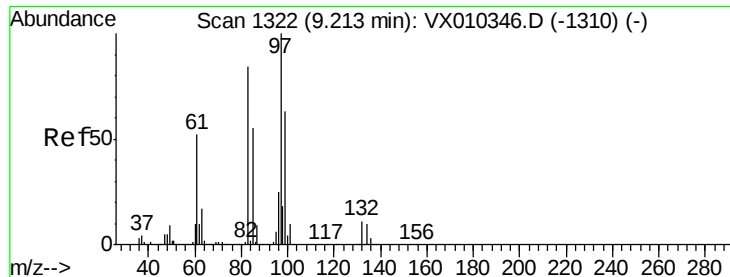
Tot Ion: 75 Resp: 70652
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 18.757 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX010381.D
 Acq: 21 Jun 2019 13:51

Tgt Ion: 75 Resp: 79404
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.2 37.8
 39 41.2 34.5 51.7



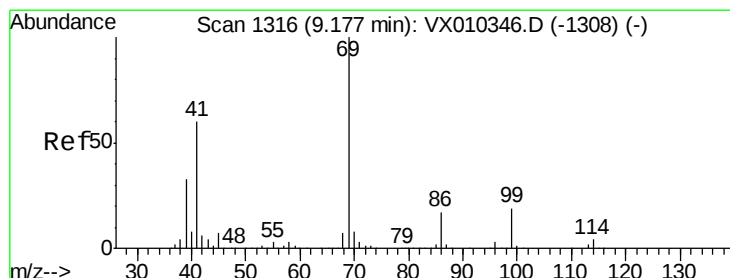
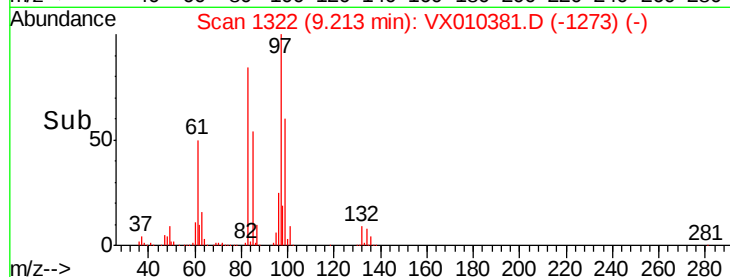
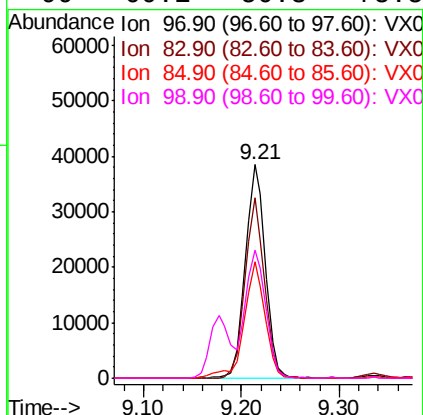
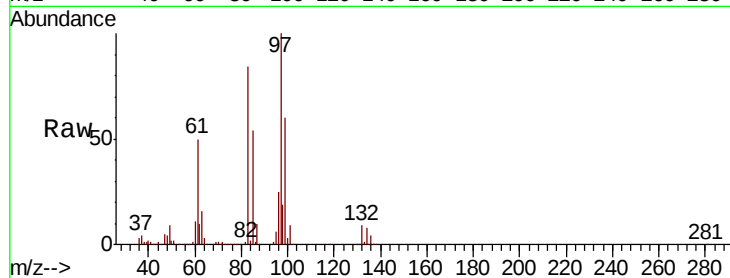


#55
 1,1,2-Trichloroethane
 Concen: 19.312 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010381.D
 Acq: 21 Jun 2019 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBSD01

Tot Ion: 97 Resp: 54886

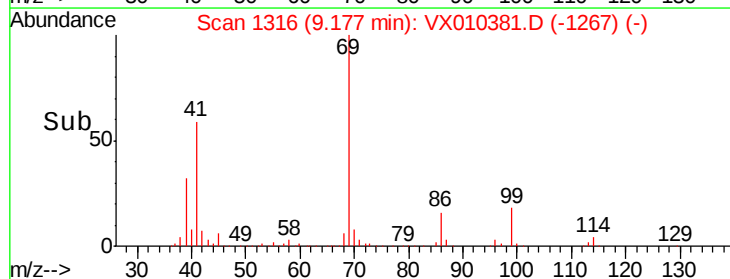
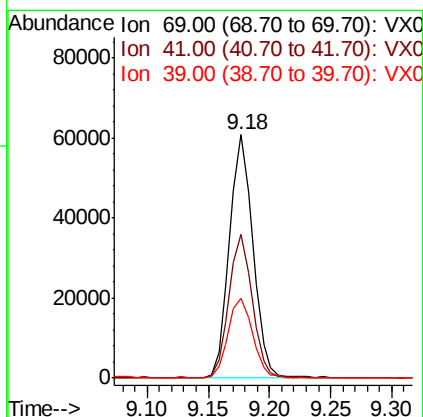
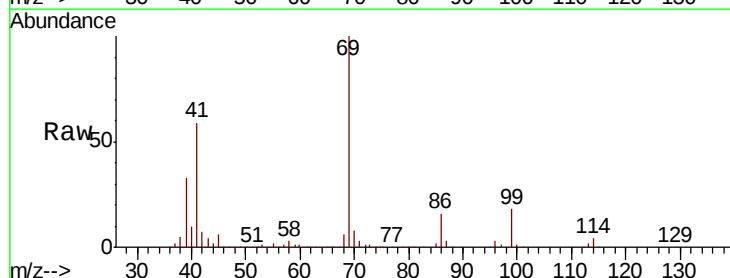
Ion	Ratio	Lower	Upper
97	100		
83	84.5	67.4	101.0
85	54.3	43.8	65.8
99	60.1	50.3	75.5

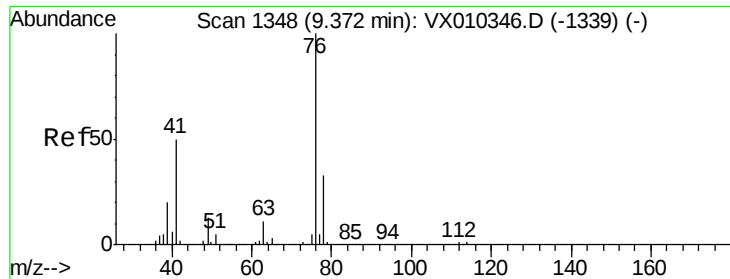


#56
 Ethyl methacrylate
 Concen: 18.925 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010381.D
 Acq: 21 Jun 2019 13:51

Tgt Ion: 69 Resp: 81480

Ion	Ratio	Lower	Upper
69	100		
41	58.5	47.1	70.7
39	33.7	26.6	40.0

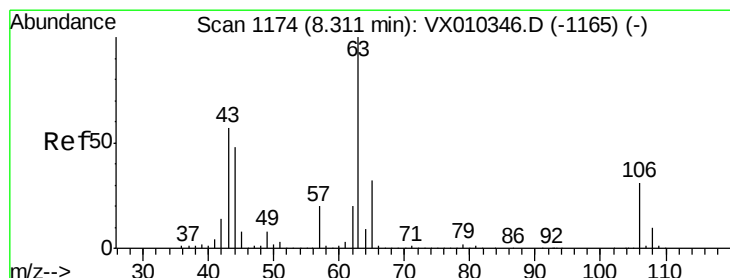
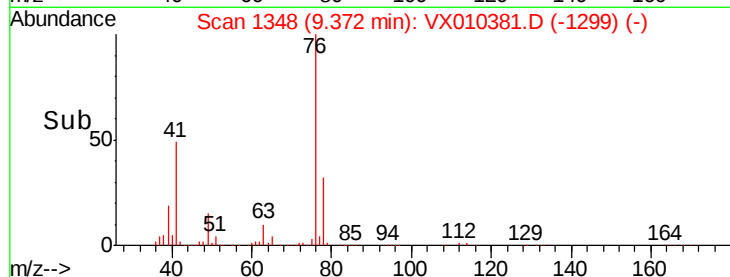
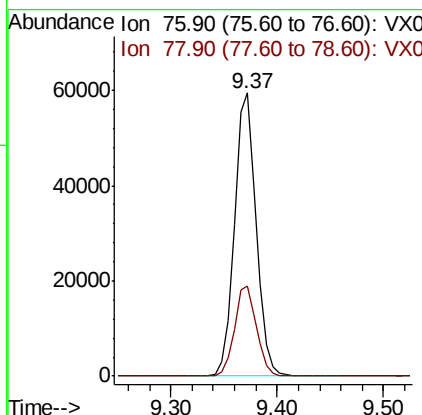
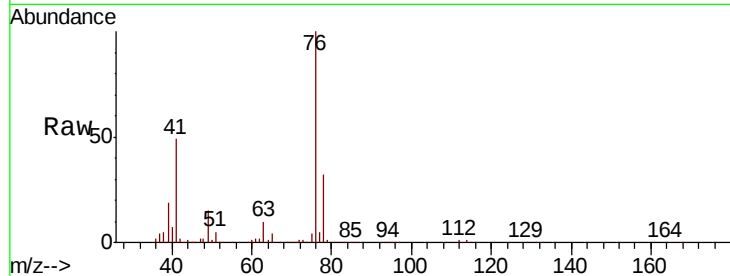




#57
 1,3-Dichloropropane
 Concen: 19.235 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX010381.D
 Acq: 21 Jun 2019 13:51

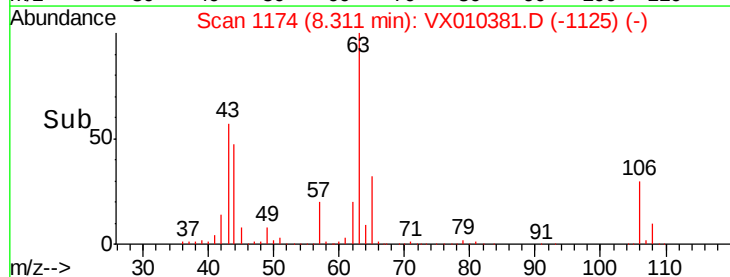
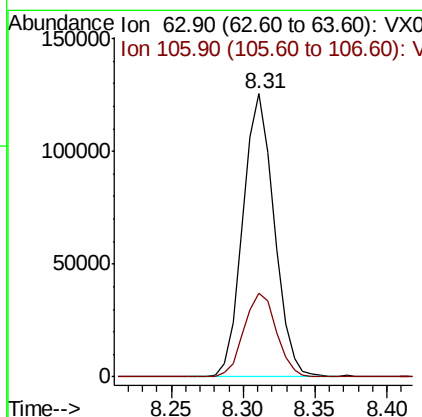
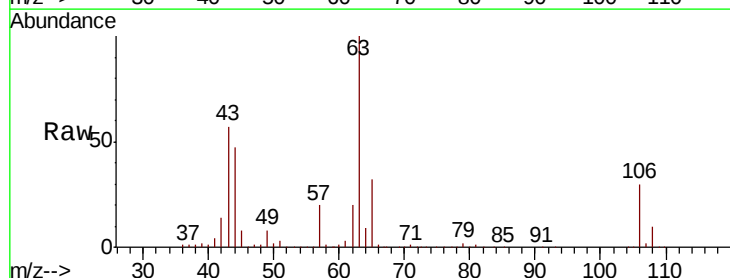
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBSD01

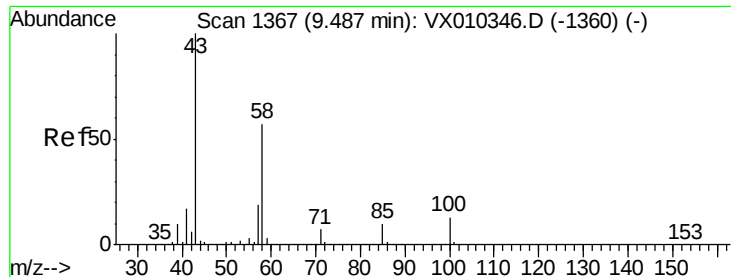
Tot Ion: 76 Resp: 84862
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.587 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX010381.D
 Acq: 21 Jun 2019 13:51

Tgt Ion: 63 Resp: 189319
 Ion Ratio Lower Upper
 63 100
 106 30.9 24.7 37.1

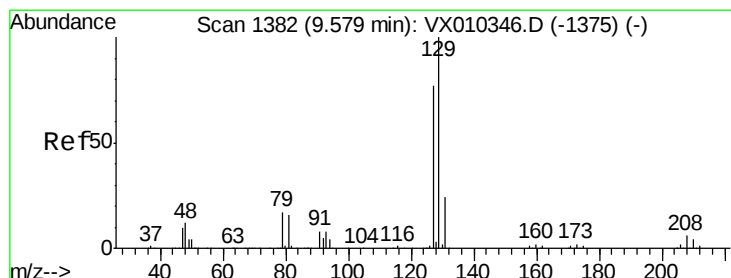
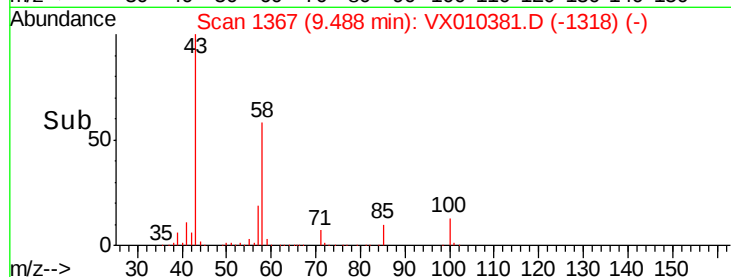
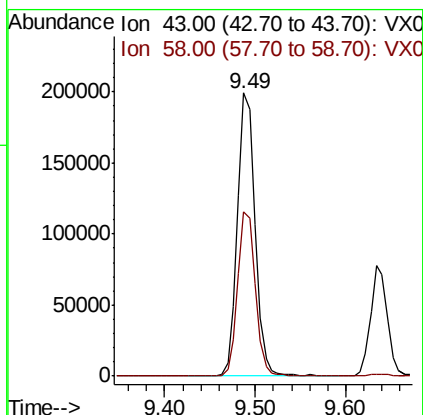
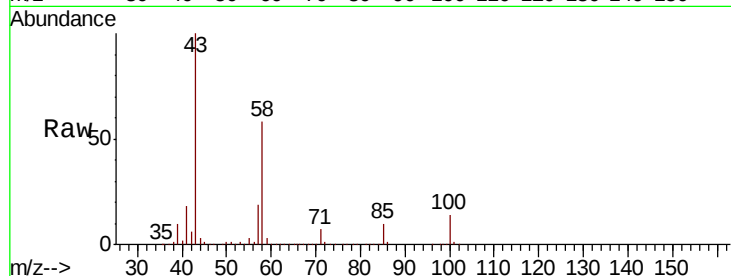




#59
2-Hexanone
Concen: 94.703 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010381.D
Acq: 21 Jun 2019 13:51

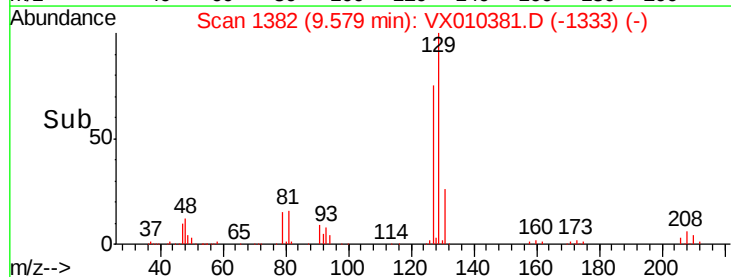
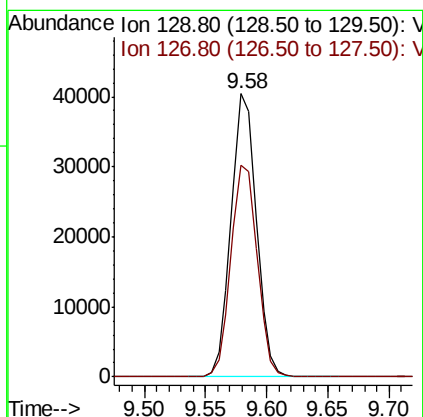
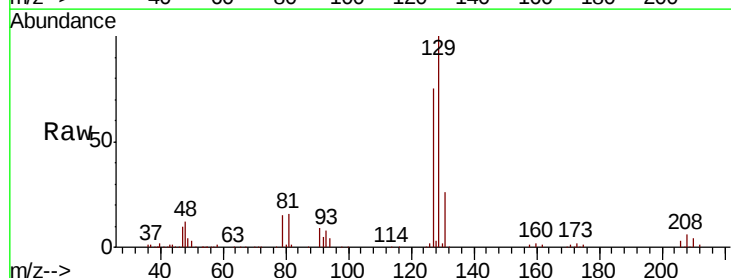
Instrument :
MSVOA_X
ClientSampleId :
VX0621WBSD01

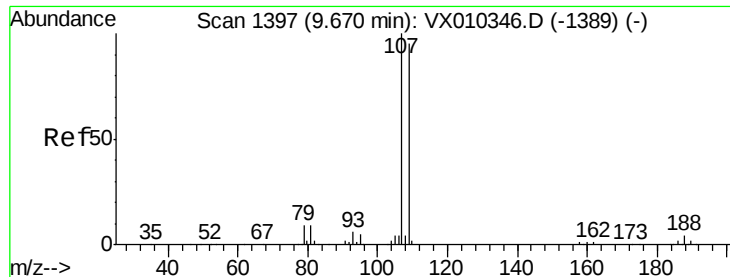
Tot Ion: 43 Resp: 272532
Ion Ratio Lower Upper
43 100
58 58.4 29.0 87.1



#60
Dibromochloromethane
Concen: 18.217 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010381.D
Acq: 21 Jun 2019 13:51

Tgt Ion: 129 Resp: 57972
Ion Ratio Lower Upper
129 100
127 77.3 38.4 115.1





#61

1,2-Dibromoethane

Concen: 18.897 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010381.D

Acq: 21 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

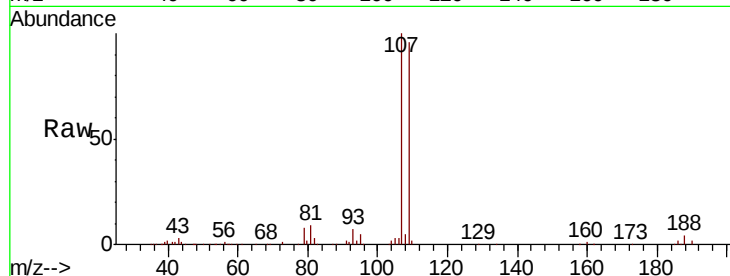
VX0621WBSD01

Tot Ion:107 Resp: 57971

Ion Ratio Lower Upper

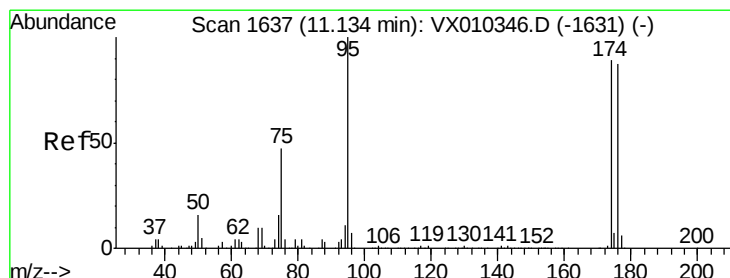
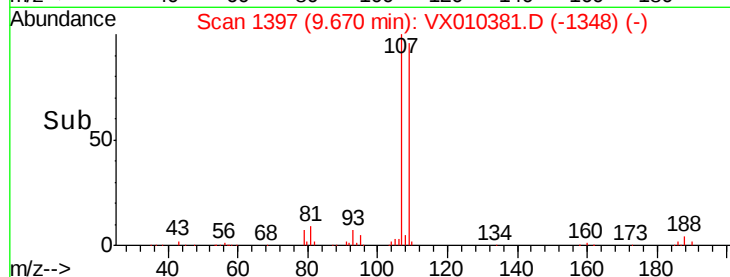
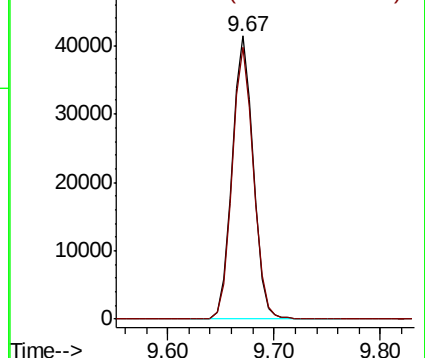
107 100

109 97.1 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.531 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010381.D

Acq: 21 Jun 2019 13:51

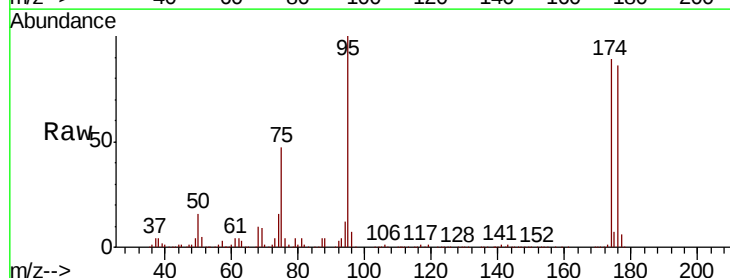
Tgt Ion: 95 Resp: 173355

Ion Ratio Lower Upper

95 100

174 95.2 0.0 187.6

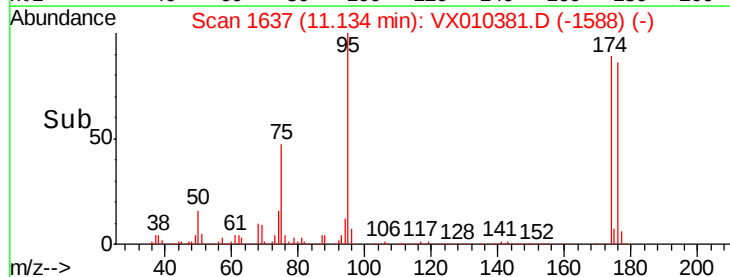
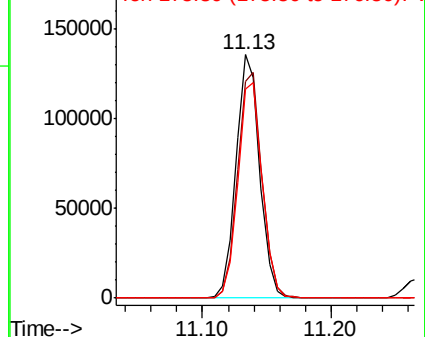
176 91.1 0.0 184.0

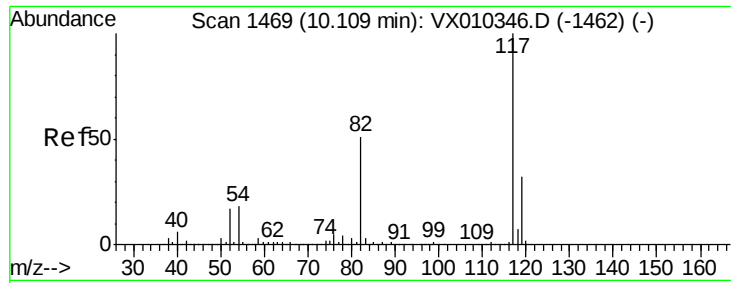


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

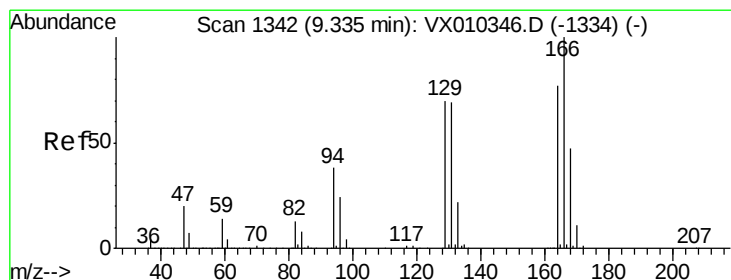
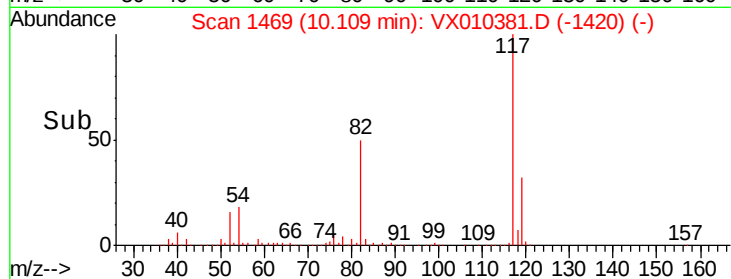
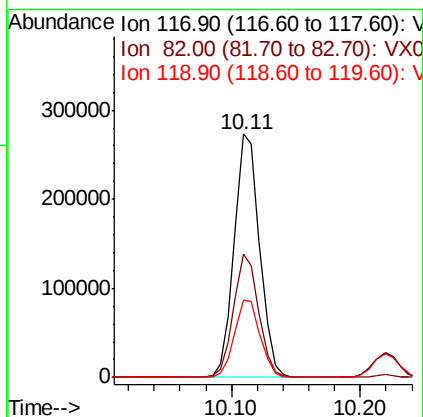
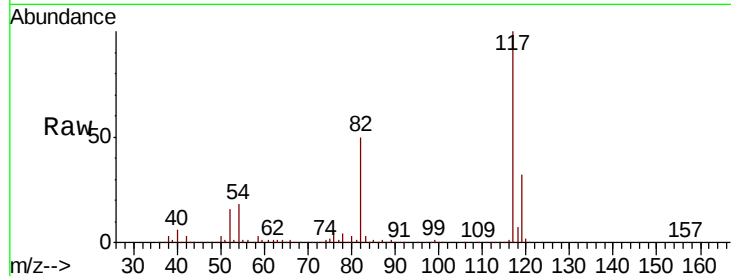




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010381.D
Acq: 21 Jun 2019 13:51

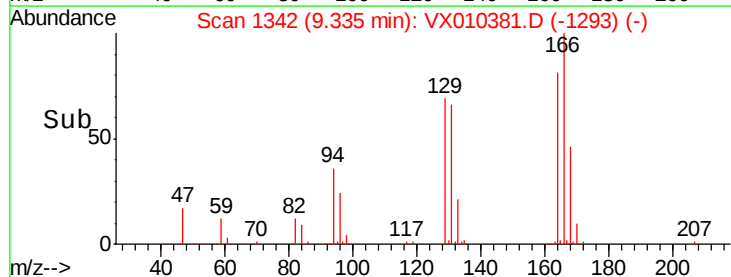
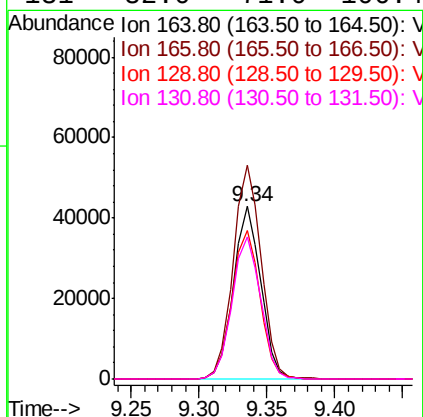
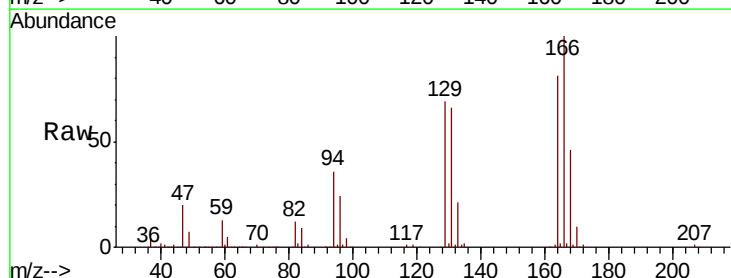
Instrument :
MSVOA_X
ClientSampleId :
VX0621WBSD01

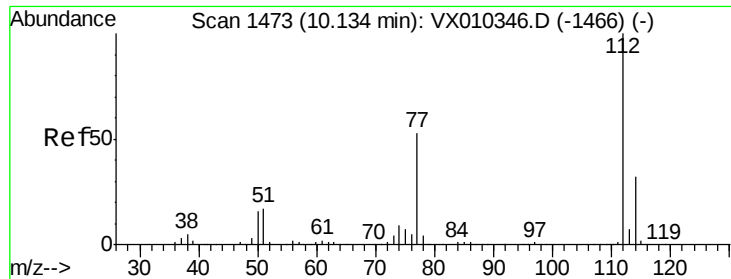
Tot Ion:117 Resp: 377295
Ion Ratio Lower Upper
117 100
82 50.5 41.2 61.8
119 31.6 25.5 38.3



#64
Tetrachloroethene
Concen: 19.688 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010381.D
Acq: 21 Jun 2019 13:51

Tgt Ion:164 Resp: 60081
Ion Ratio Lower Upper
164 100
166 123.7 103.6 155.4
129 85.7 73.0 109.4
131 82.0 71.0 106.4

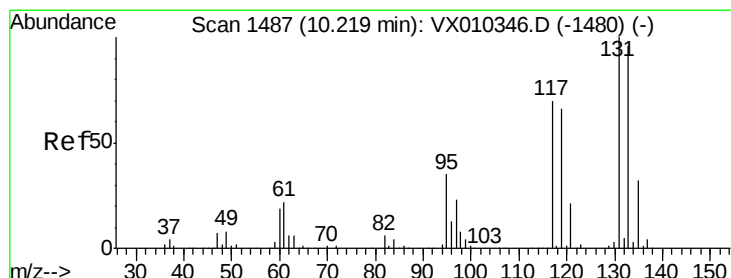
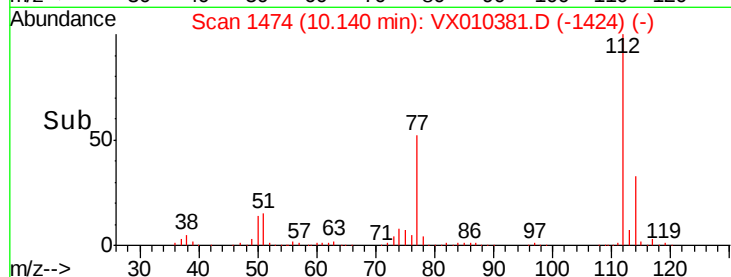
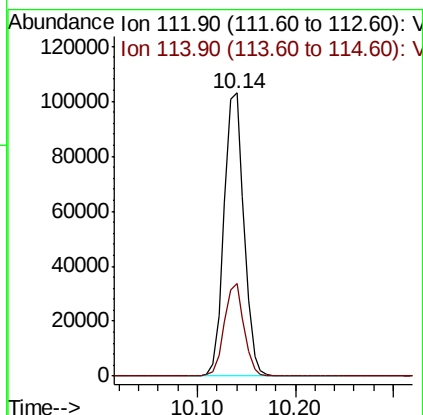
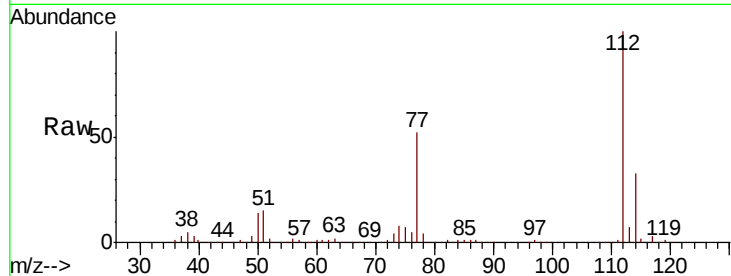




#65
Chlorobenzene
Concen: 19.069 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010381.D
Acq: 21 Jun 2019 13:51

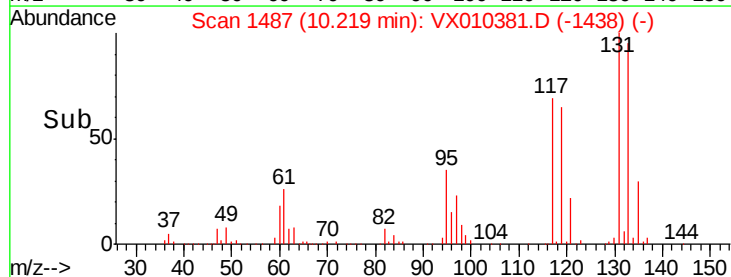
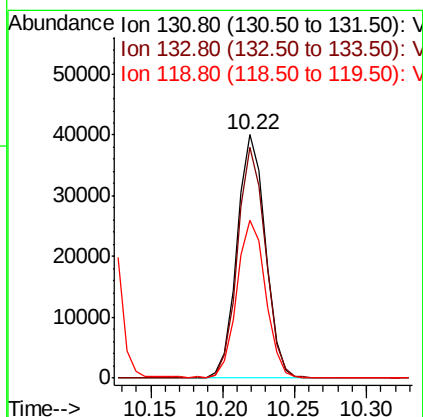
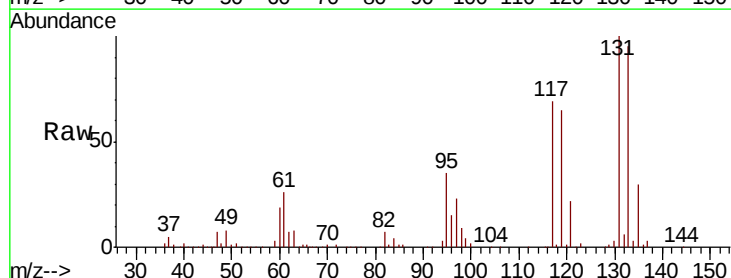
Instrument :
MSVOA_X
ClientSampleId :
VX0621WBSD01

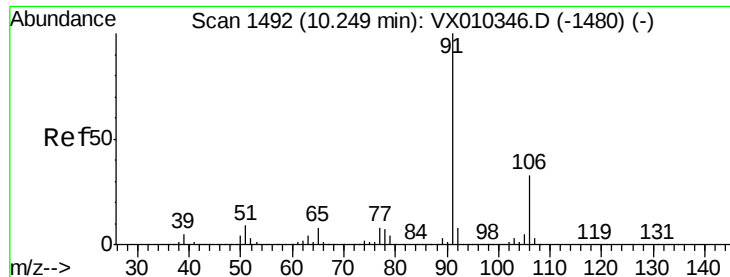
Tot Ion:112 Resp: 146064
Ion Ratio Lower Upper
112 100
114 32.9 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.695 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010381.D
Acq: 21 Jun 2019 13:51

Tgt Ion:131 Resp: 54952
Ion Ratio Lower Upper
131 100
133 93.7 47.7 143.1
119 66.3 32.6 97.7

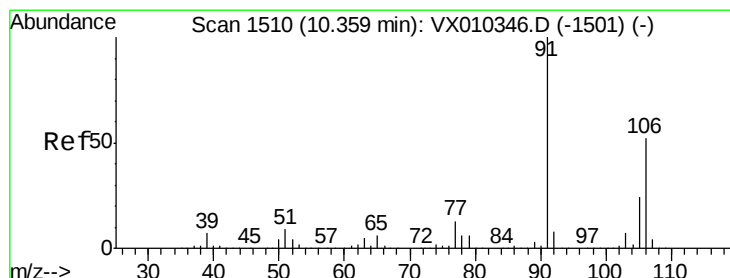
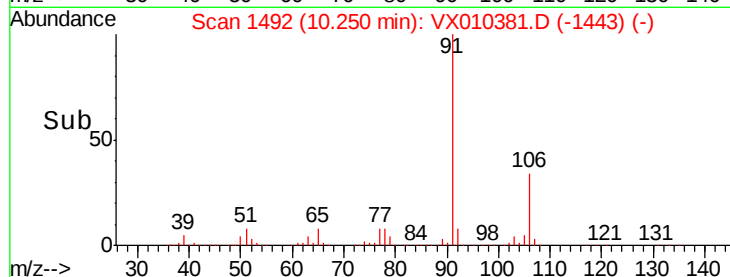
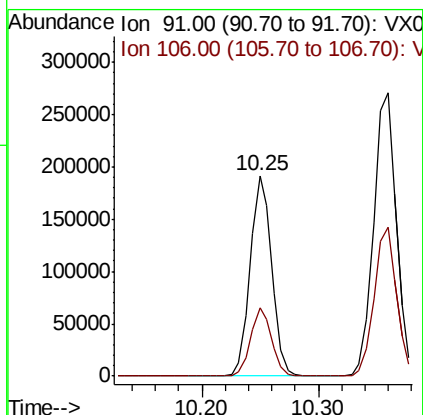
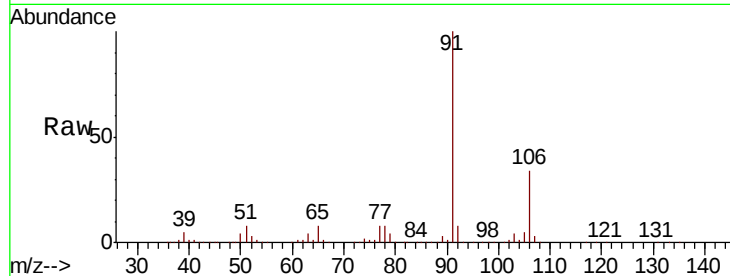




#67
Ethyl Benzene
Concen: 19.160 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010381.D
Acq: 21 Jun 2019 13:51

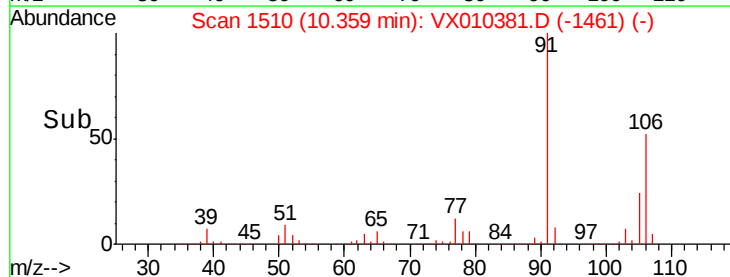
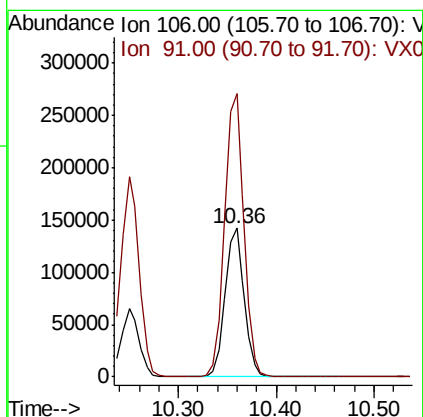
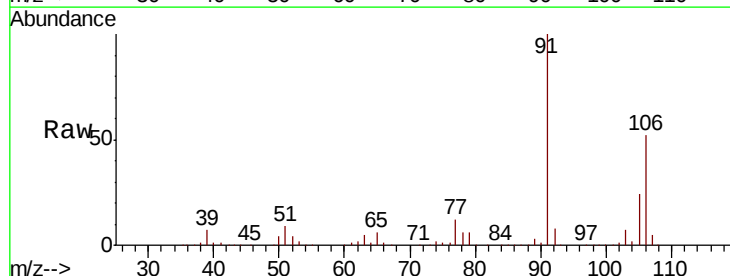
Instrument :
MSVOA_X
ClientSampleId :
VX0621WBSD01

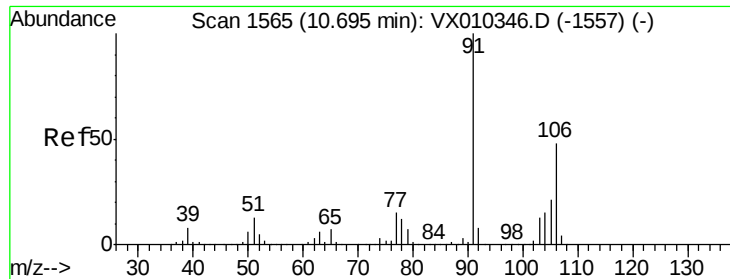
Tot Ion: 91 Resp: 247760
Ion Ratio Lower Upper
91 100
106 34.1 26.2 39.2



#68
m/p-Xylenes
Concen: 38.163 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010381.D
Acq: 21 Jun 2019 13:51

Tgt Ion: 106 Resp: 191219
Ion Ratio Lower Upper
106 100
91 192.6 155.3 232.9

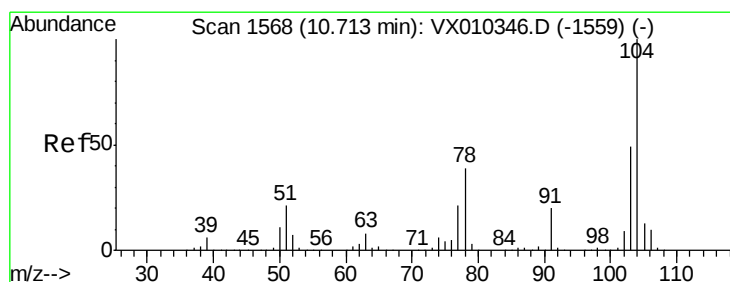
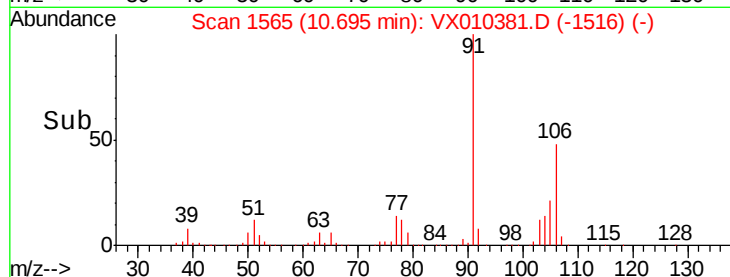
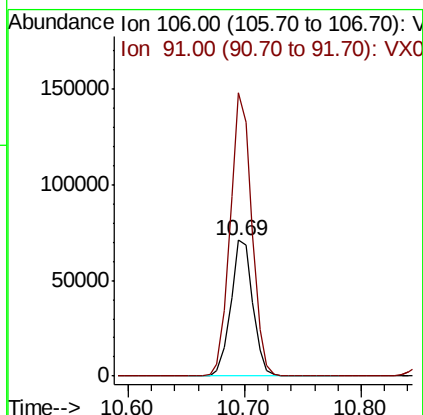
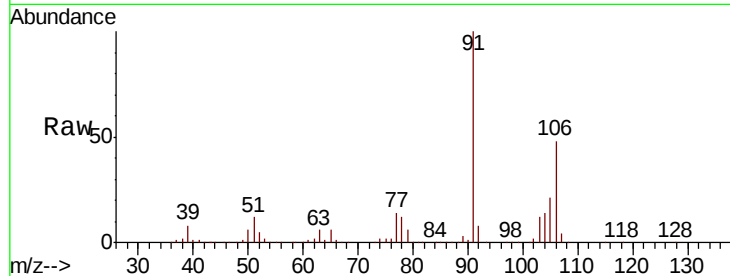




#69
o-Xylene
Concen: 18.985 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010381.D
Acq: 21 Jun 2019 13:51

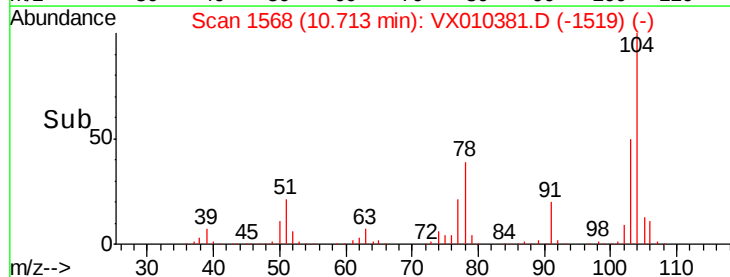
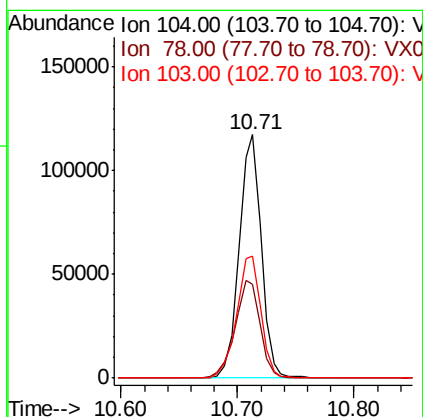
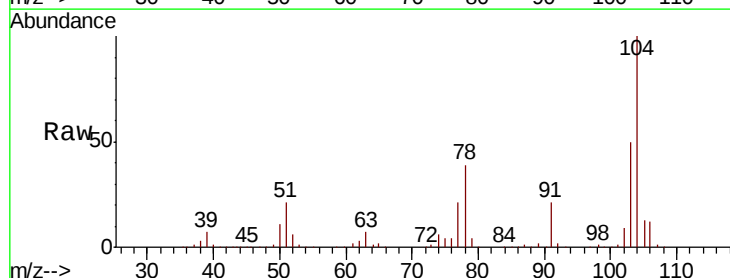
Instrument :
MSVOA_X
ClientSampleId :
VX0621WBSD01

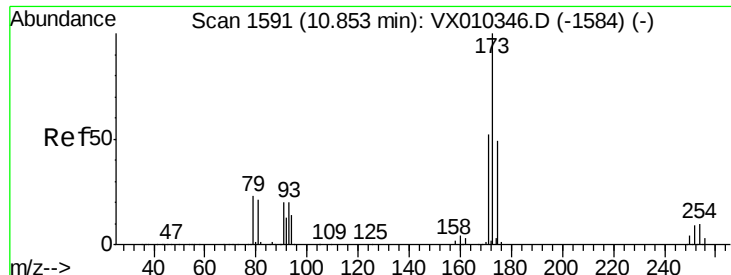
Tot Ion:106 Resp: 93546
Ion Ratio Lower Upper
106 100
91 204.3 102.7 308.1



#70
Styrene
Concen: 18.833 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010381.D
Acq: 21 Jun 2019 13:51

Tgt Ion:104 Resp: 155624
Ion Ratio Lower Upper
104 100
78 45.4 36.2 54.2
103 55.2 44.2 66.4





#71

Bromoform

Concen: 18.253 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010381.D

Acq: 21 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBSD01

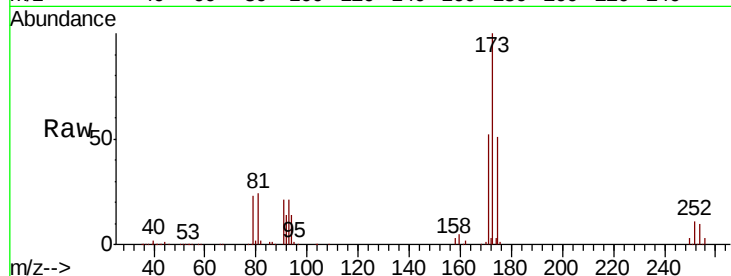
Tot Ion:173 Resp: 44288

Ion Ratio Lower Upper

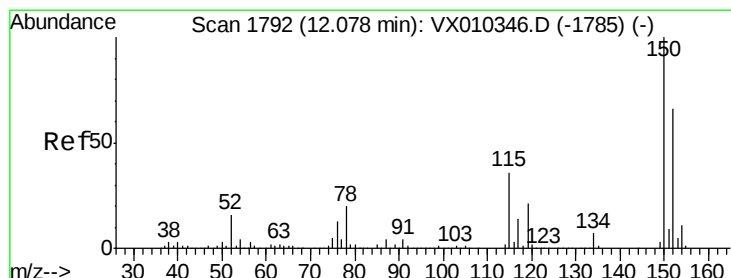
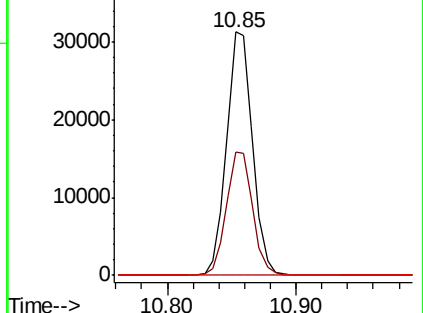
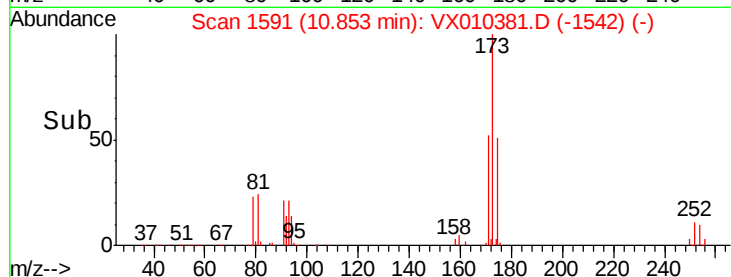
173 100

175 51.0 24.1 72.3

254 0.2 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: VX010381.D

Acq: 21 Jun 2019 13:51

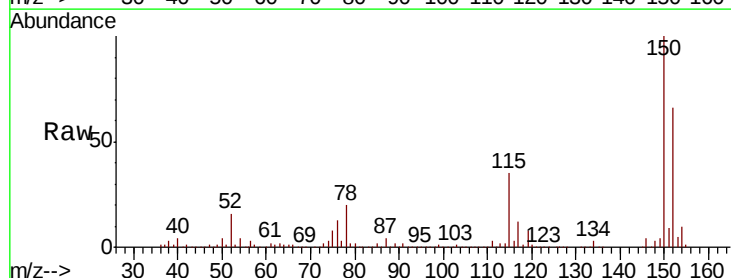
Tgt Ion:152 Resp: 186194

Ion Ratio Lower Upper

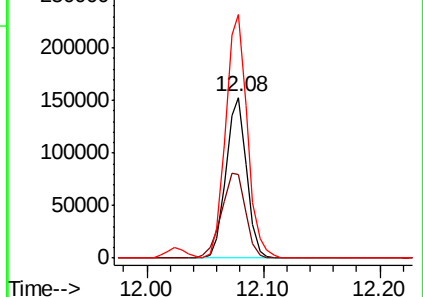
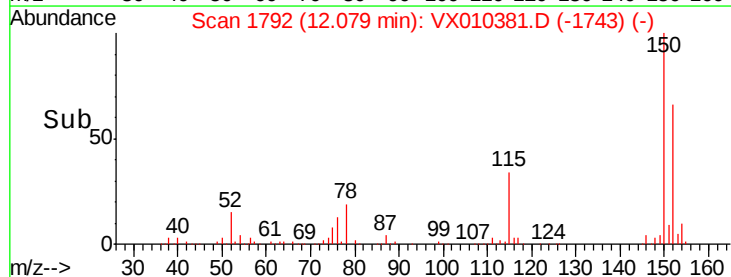
152 100

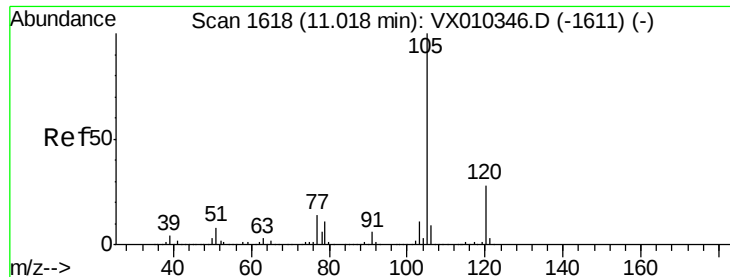
115 61.9 38.6 115.7

150 159.9 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: 19.596 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010381.D

Acq: 21 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

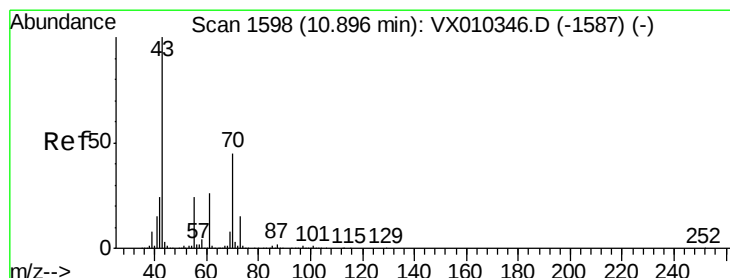
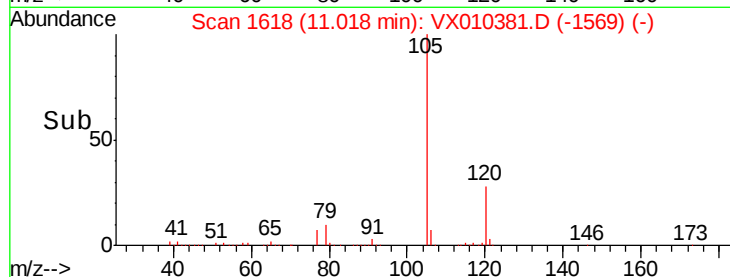
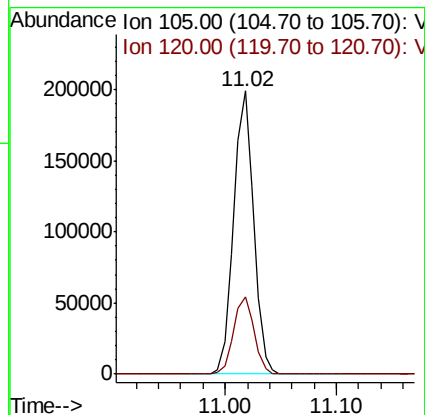
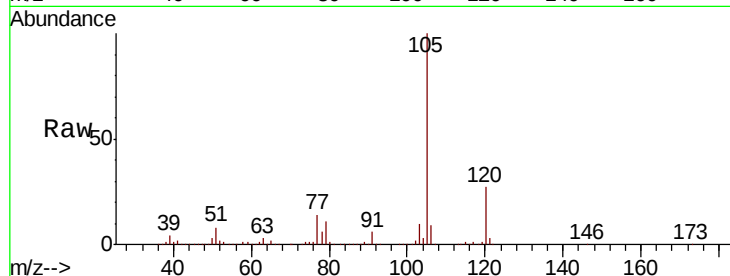
VX0621WBSD01

Tot Ion:105 Resp: 247335

Ion Ratio Lower Upper

105 100

120 28.1 14.1 42.4



#74

N-ethyl acetate

Concen: 19.920 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010381.D

Acq: 21 Jun 2019 13:51

Tgt Ion: 43 Resp: 95019

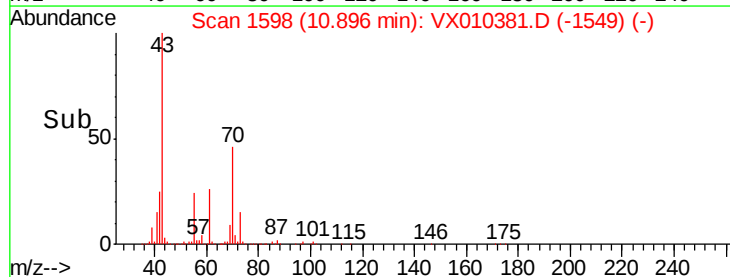
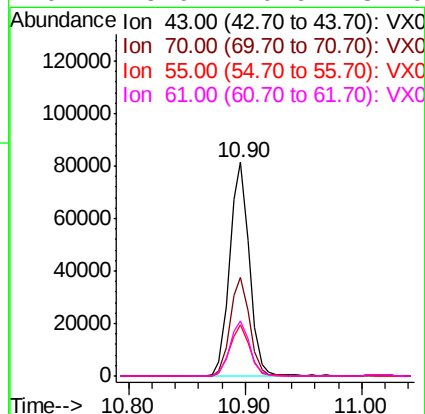
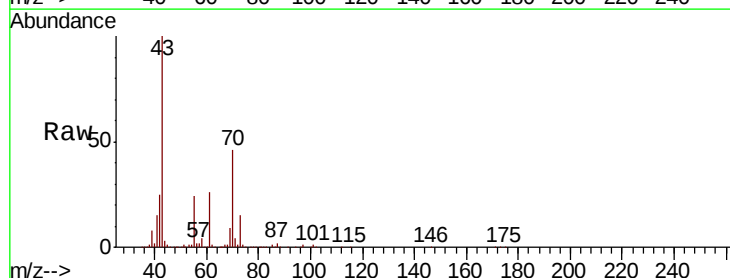
Ion Ratio Lower Upper

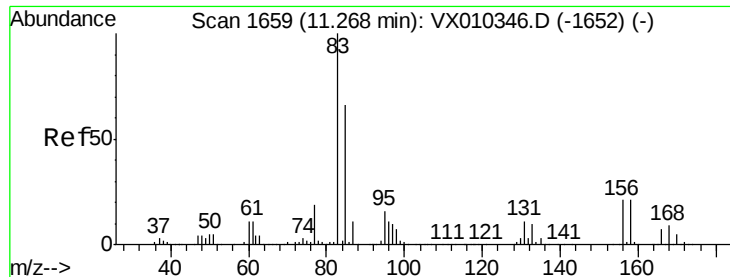
43 100

70 46.0 36.6 54.8

55 24.4 18.7 28.1

61 25.9 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.354 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010381.D

Acq: 21 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBSD01

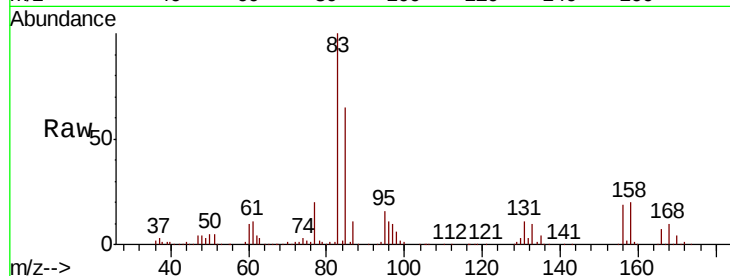
Tot Ion: 83 Resp: 85078

Ion Ratio Lower Upper

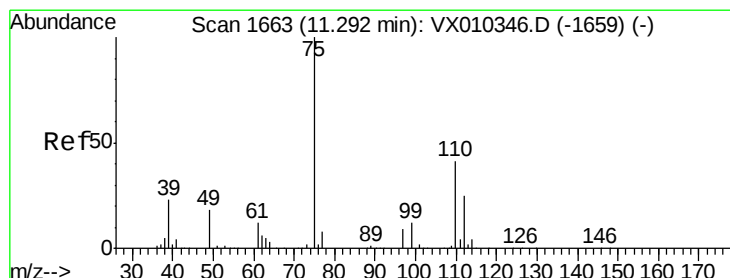
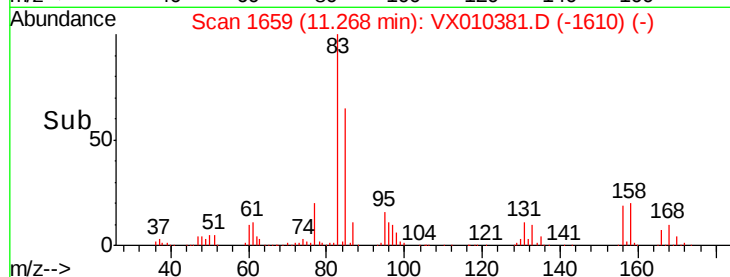
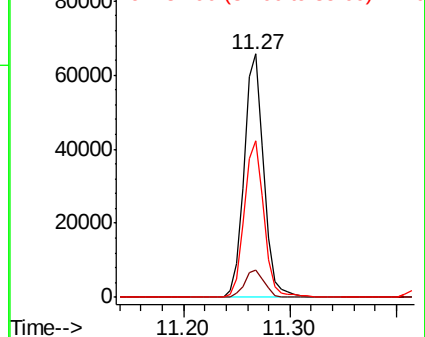
83 100

131 11.3 5.5 16.4

85 64.5 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: 26.873 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010381.D

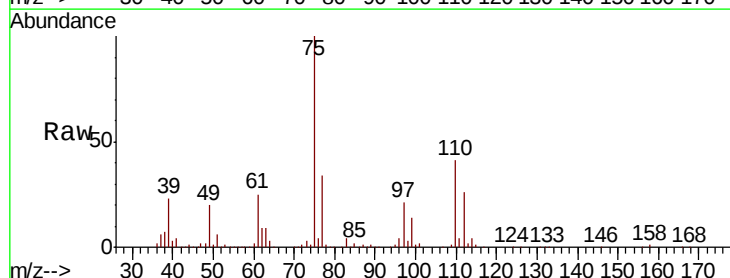
Acq: 21 Jun 2019 13:51

Tgt Ion: 75 Resp: 91180

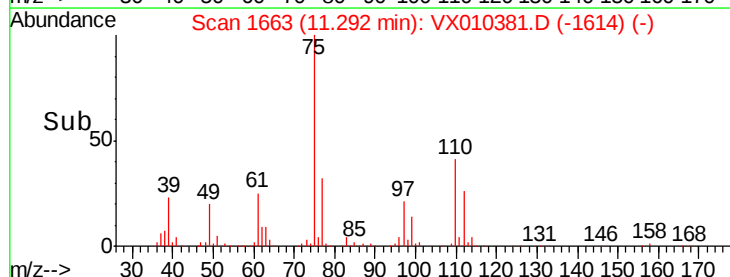
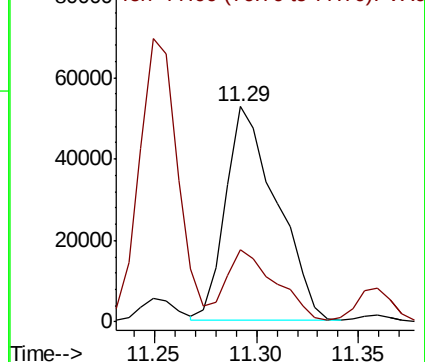
Ion Ratio Lower Upper

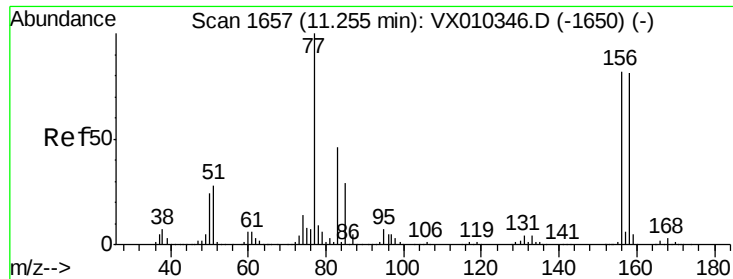
75 100

77 33.2 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: 19.324 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010381.D

Acq: 21 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBSD01

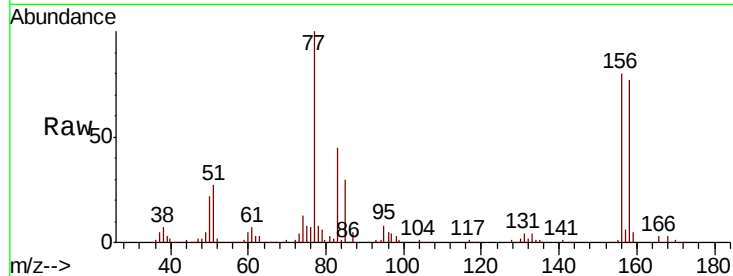
Tot Ion:156 Resp: 68103

Ion Ratio Lower Upper

156 100

77 133.2 66.3 198.7

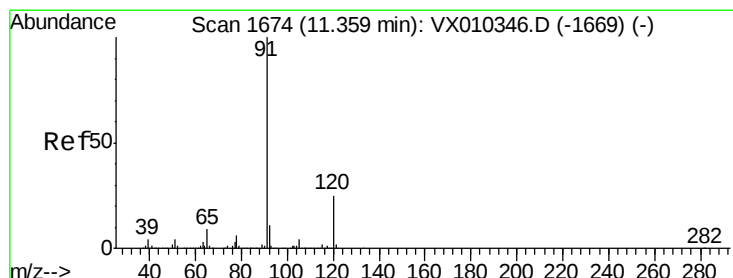
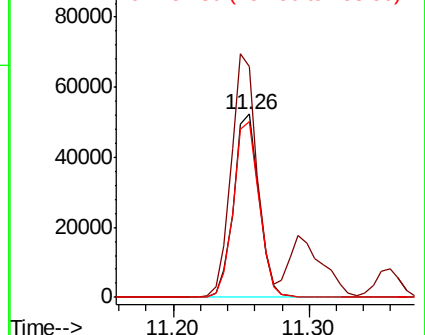
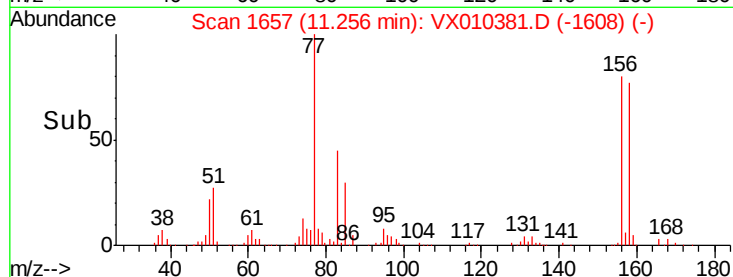
158 97.1 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.610 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010381.D

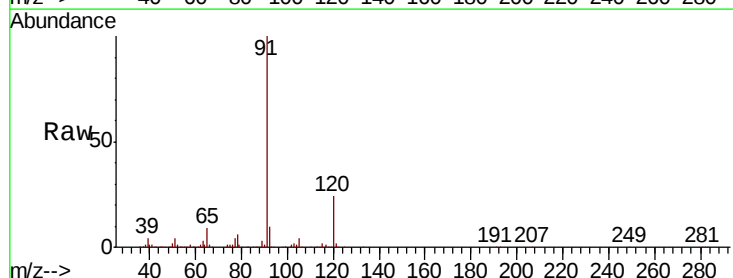
Acq: 21 Jun 2019 13:51

Tgt Ion: 91 Resp: 272022

Ion Ratio Lower Upper

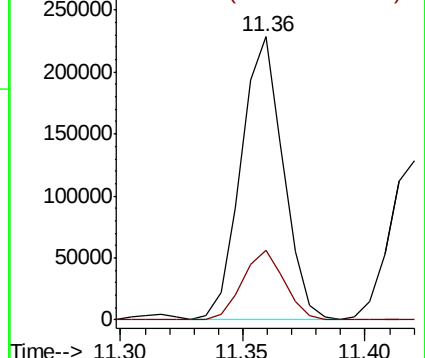
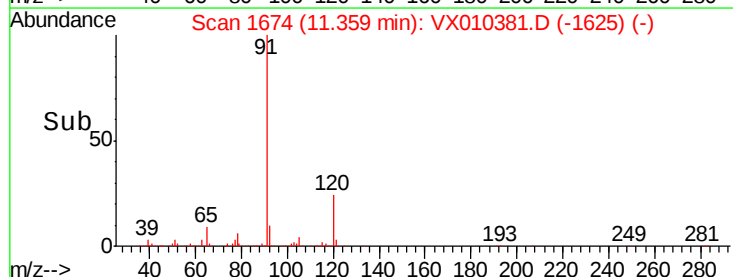
91 100

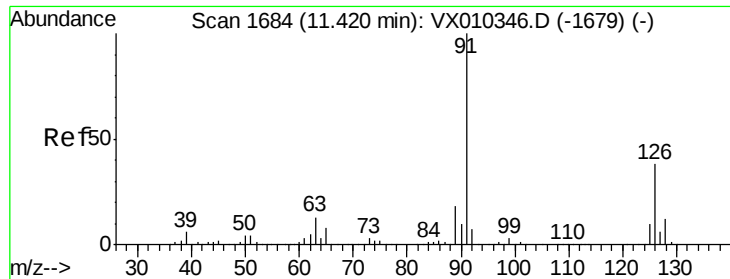
120 24.6 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.506 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010381.D

Acq: 21 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampled :

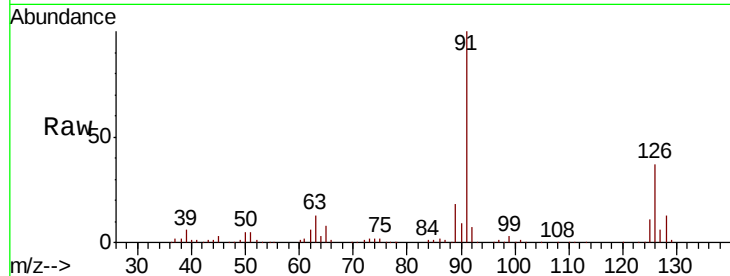
VX0621WBSD01

Tot Ion: 91 Resp: 161122

Ion Ratio Lower Upper

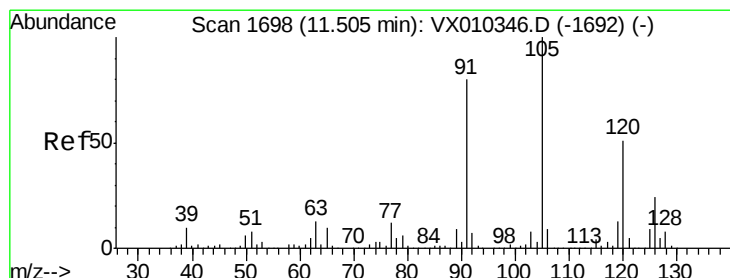
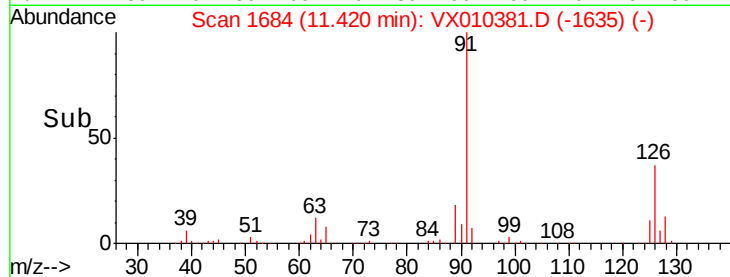
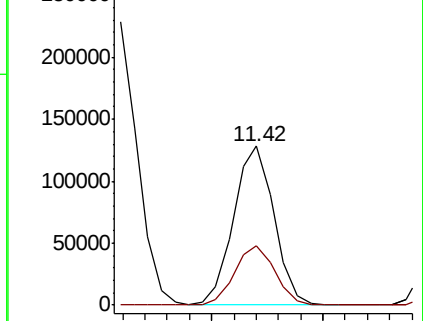
91 100

126 37.6 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.772 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010381.D

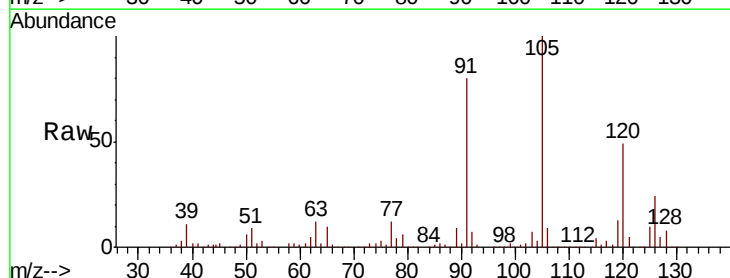
Acq: 21 Jun 2019 13:51

Tgt Ion:105 Resp: 205727

Ion Ratio Lower Upper

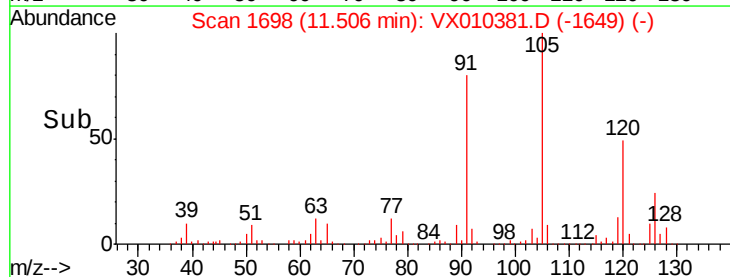
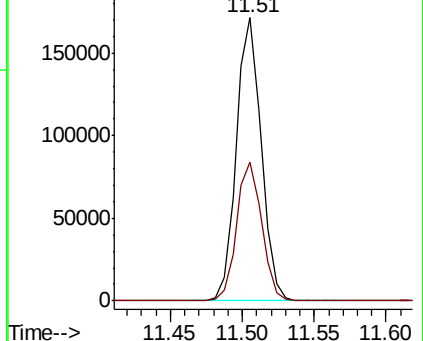
105 100

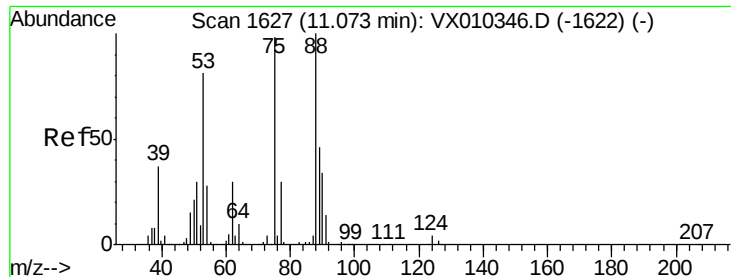
120 49.6 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.063 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010381.D

Acq: 21 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBSD01

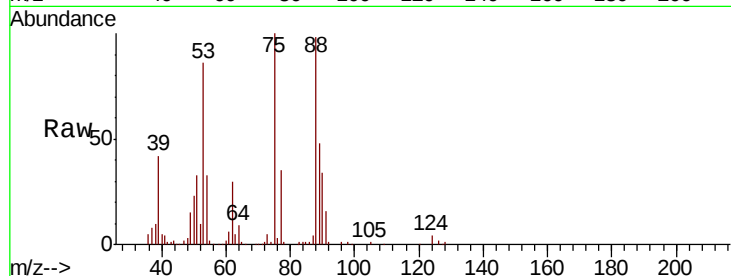
Tot Ion: 75 Resp: 26271

Ion Ratio Lower Upper

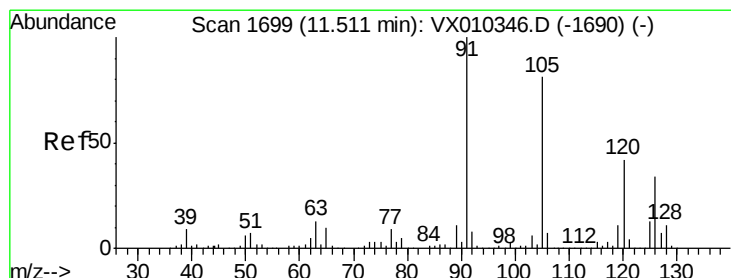
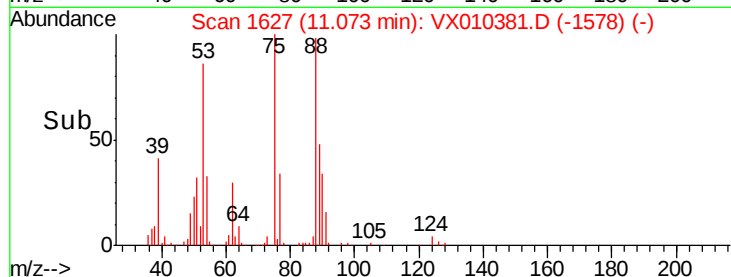
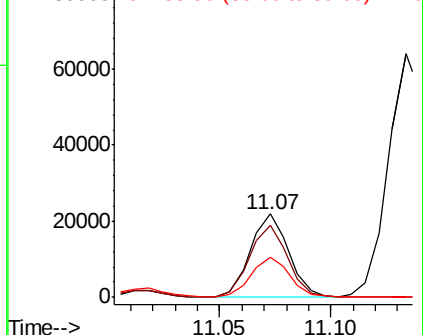
75 100

53 86.6 66.1 99.1

89 49.0 37.8 56.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.253 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX010381.D

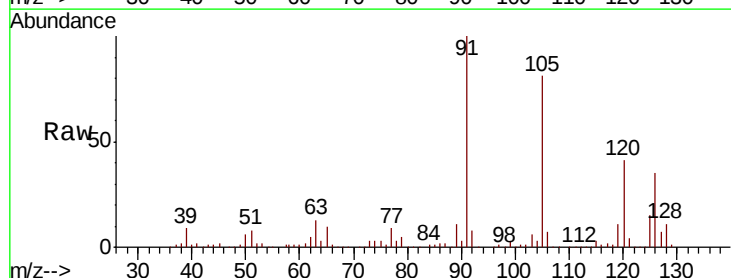
Acq: 21 Jun 2019 13:51

Tgt Ion: 91 Resp: 180963

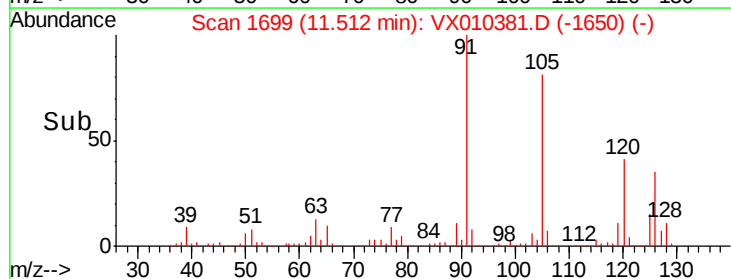
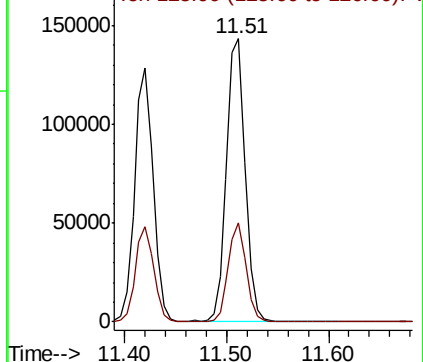
Ion Ratio Lower Upper

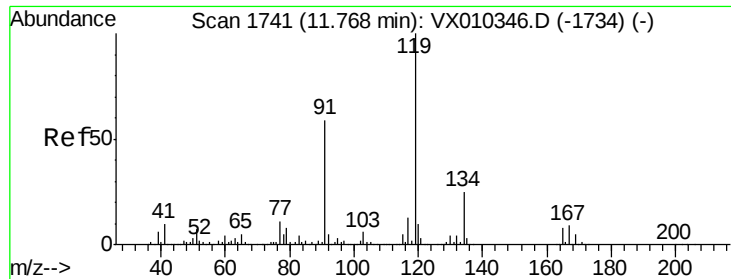
91 100

126 33.5 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

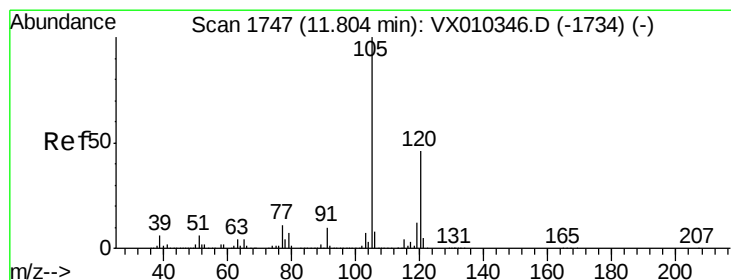
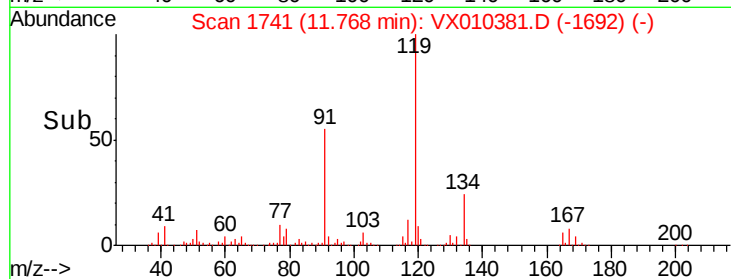
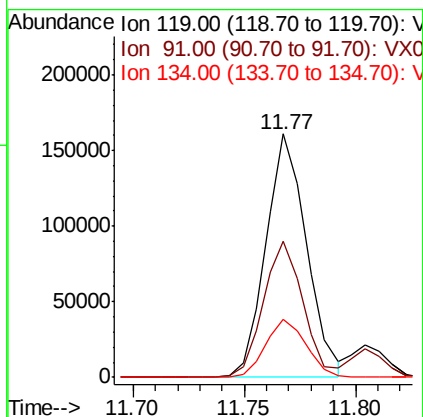
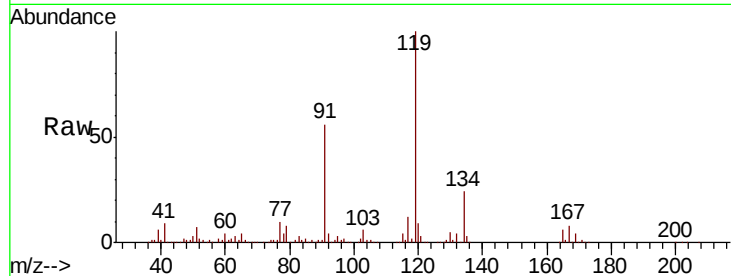




#83
tert-Butylbenzene
Concen: 19.529 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010381.D
Acq: 21 Jun 2019 13:51

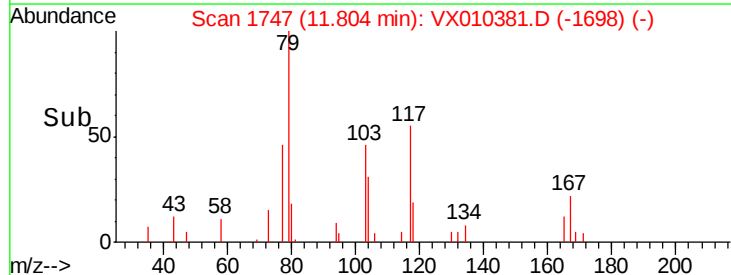
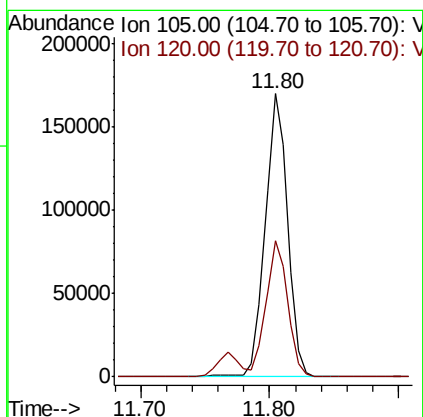
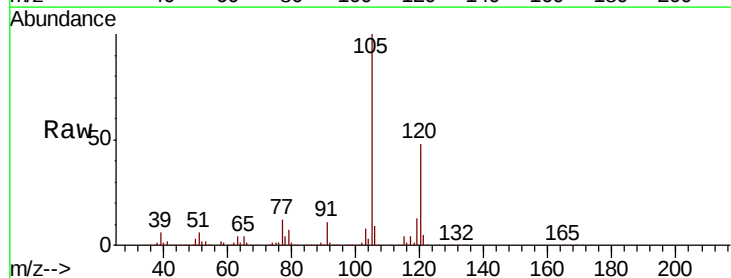
Instrument :
MSVOA_X
ClientSampleId :
VX0621WBSD01

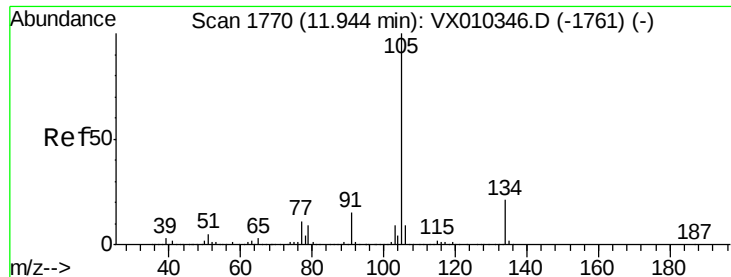
Tot Ion:119 Resp: 203953
Ion Ratio Lower Upper
119 100
91 54.7 27.6 82.7
134 23.9 11.8 35.4



#84
1,2,4-Trimethylbenzene
Concen: 19.610 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010381.D
Acq: 21 Jun 2019 13:51

Tgt Ion:105 Resp: 204999
Ion Ratio Lower Upper
105 100
120 46.3 23.1 69.2





#85

sec-Butylbenzene

Concen: 19.450 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010381.D

Acq: 21 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

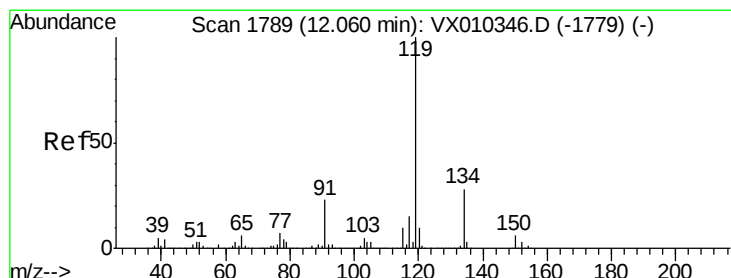
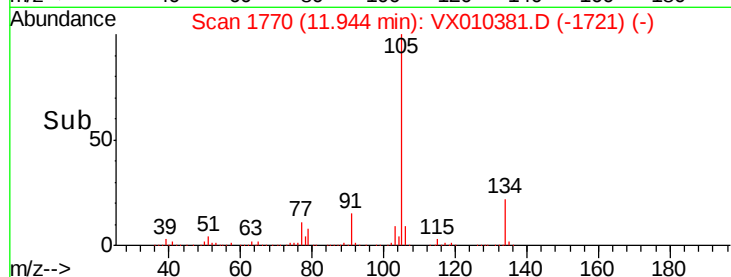
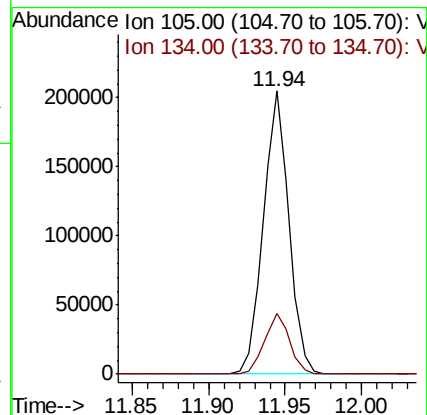
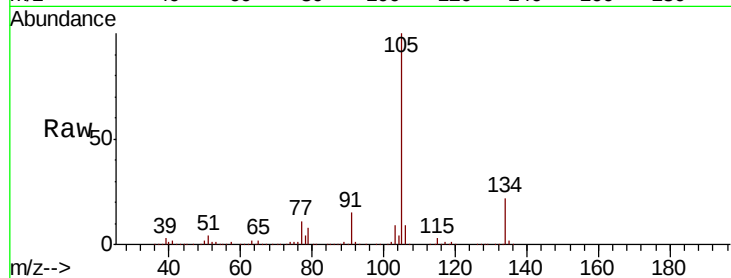
VX0621WBSD01

Tot Ion:105 Resp: 238497

Ion Ratio Lower Upper

105 100

134 21.3 10.7 31.9



#86

p-Isopropyltoluene

Concen: 19.254 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010381.D

Acq: 21 Jun 2019 13:51

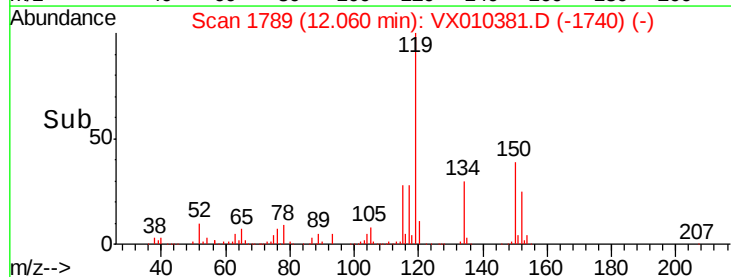
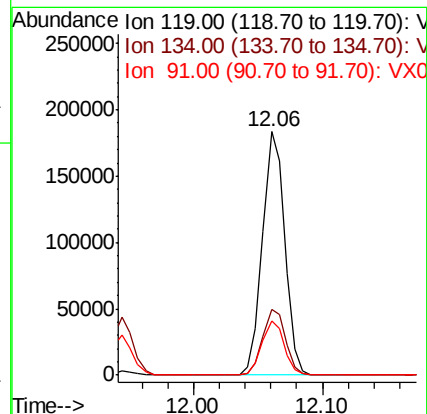
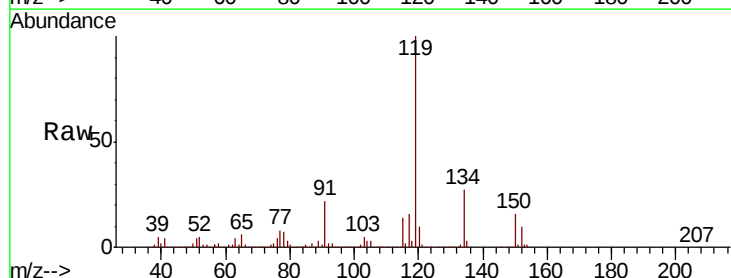
Tgt Ion:119 Resp: 218374

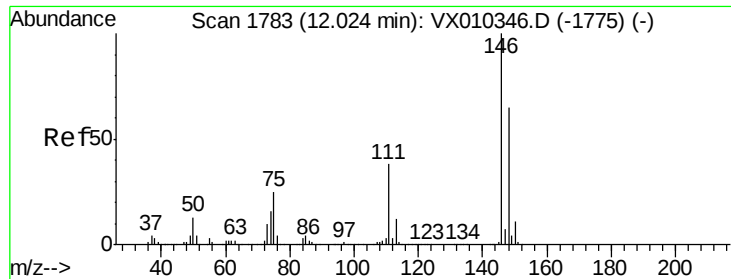
Ion Ratio Lower Upper

119 100

134 27.7 13.7 41.1

91 22.3 11.3 33.8

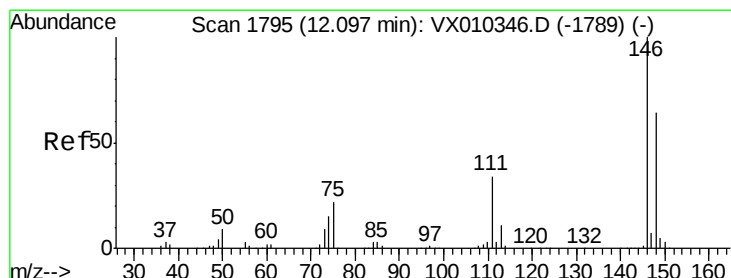
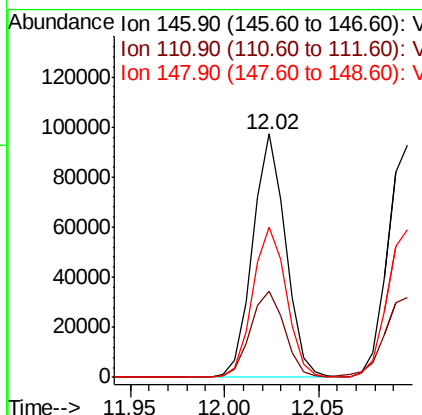
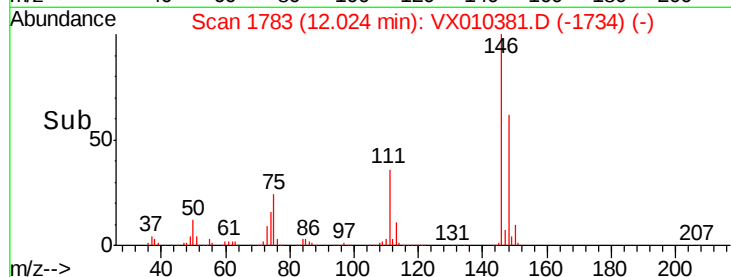
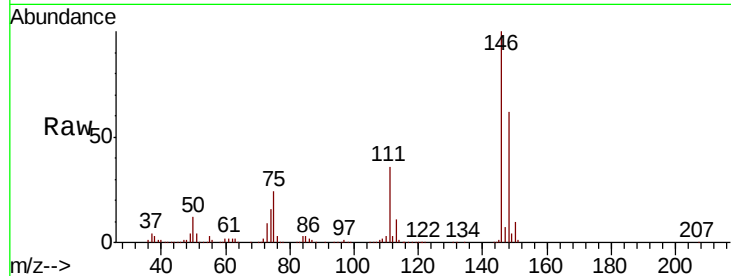




#87
 1,3-Dichlorobenzene
 Concen: 19.096 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010381.D
 Acq: 21 Jun 2019 13:51

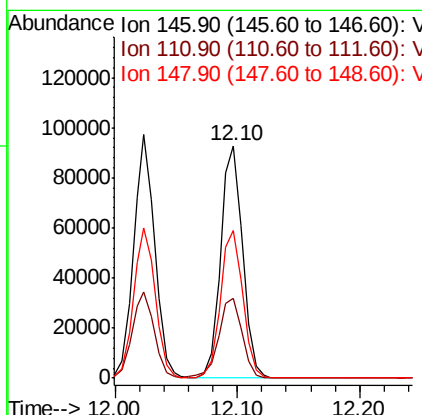
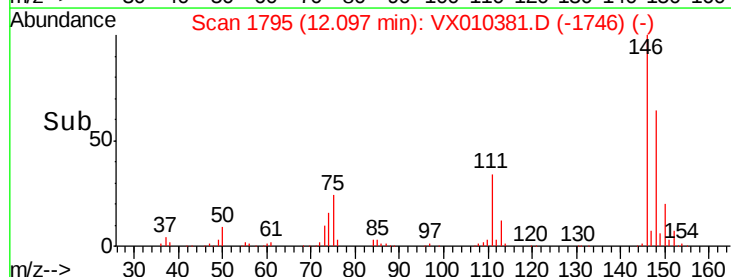
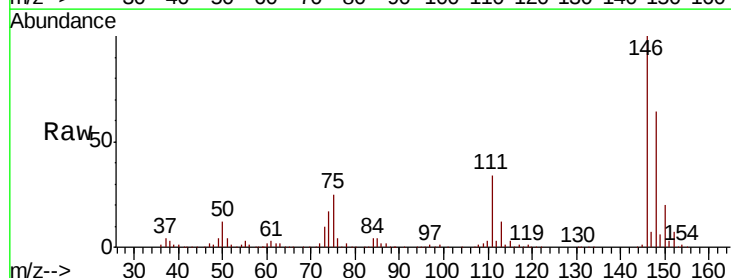
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBSD01

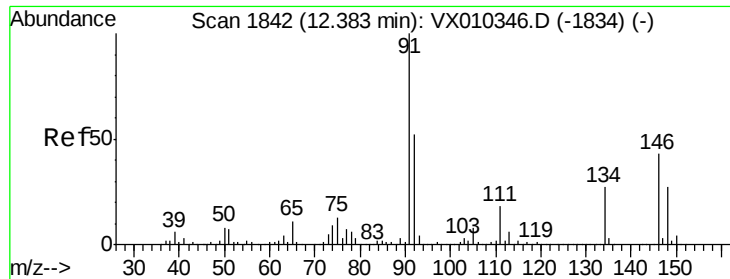
Tot Ion:146 Resp: 117478
 Ion Ratio Lower Upper
 146 100
 111 36.9 19.1 57.1
 148 63.4 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 18.451 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010381.D
 Acq: 21 Jun 2019 13:51

Tgt Ion:146 Resp: 115556
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.1 54.3
 148 64.9 32.1 96.3

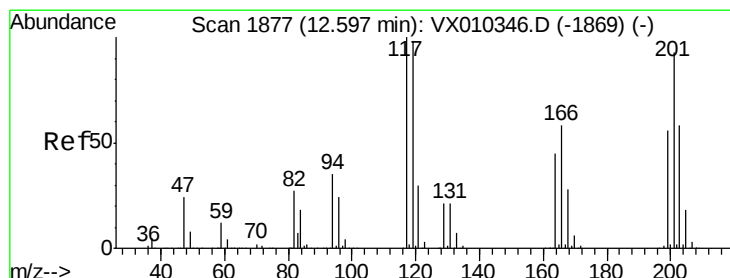
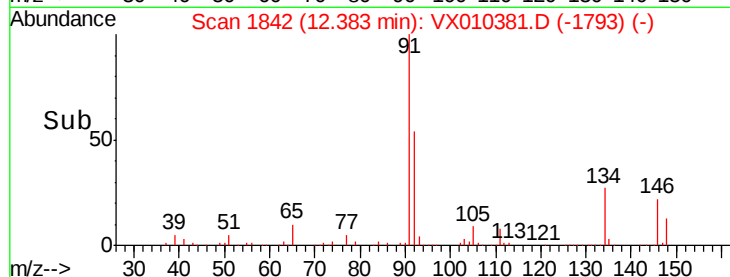
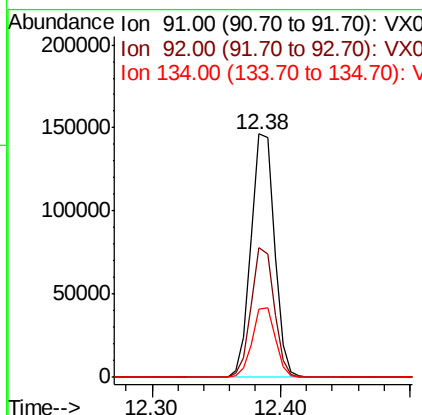
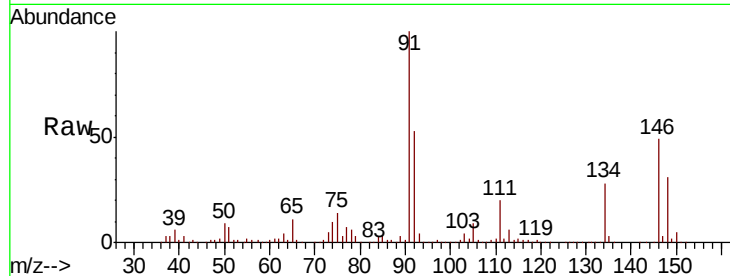




#89
n-Butylbenzene
Concen: 18.931 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010381.D
Acq: 21 Jun 2019 13:51

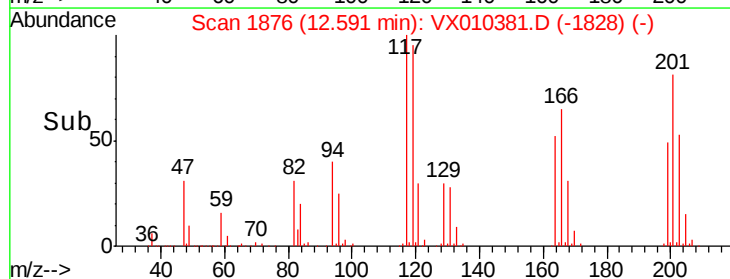
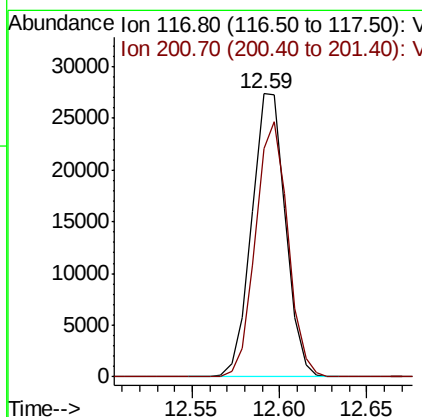
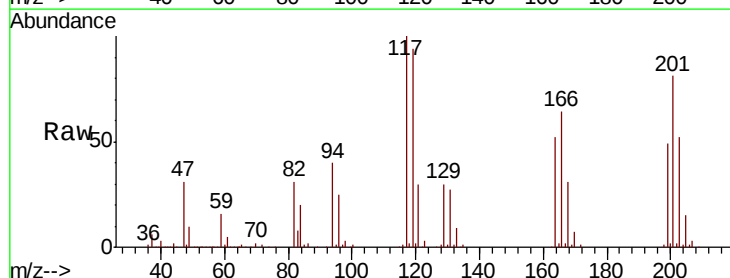
Instrument :
MSVOA_X
ClientSampleId :
VX0621WBSD01

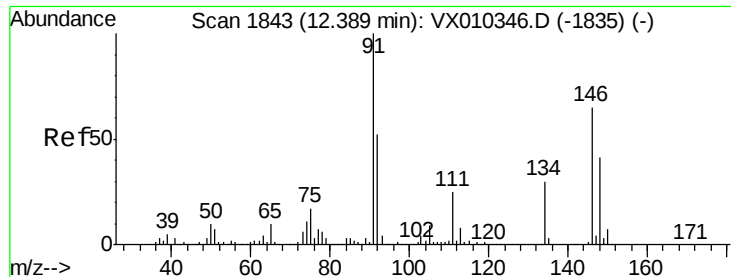
Tot Ion: 91 Resp: 182451
Ion Ratio Lower Upper
91 100
92 52.3 26.2 78.5
134 28.0 14.1 42.4



#90
Hexachloroethane
Concen: 18.918 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX010381.D
Acq: 21 Jun 2019 13:51

Tgt Ion: 117 Resp: 37101
Ion Ratio Lower Upper
117 100
201 86.3 44.0 131.8





#91

1,2-Dichlorobenzene

Concen: 19.155 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX010381.D

Acq: 21 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBSD01

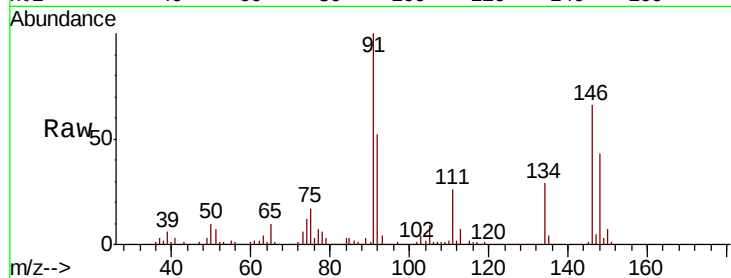
Tot Ion:146 Resp: 117118

Ion Ratio Lower Upper

146 100

111 37.9 19.2 57.6

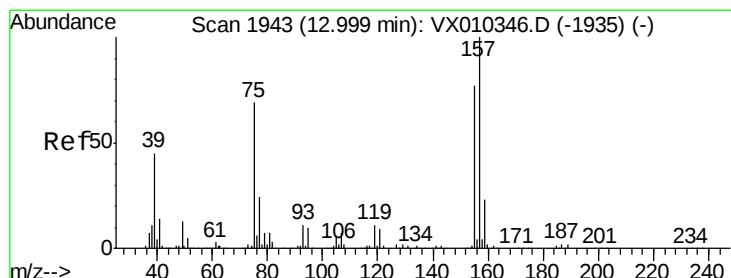
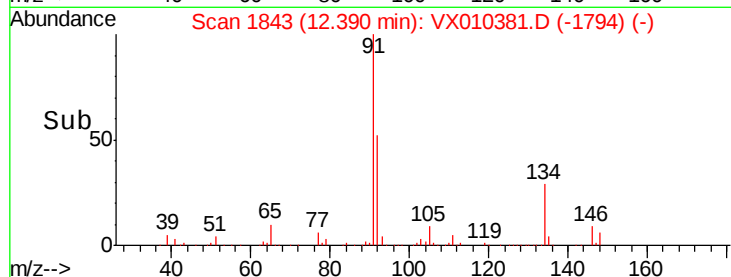
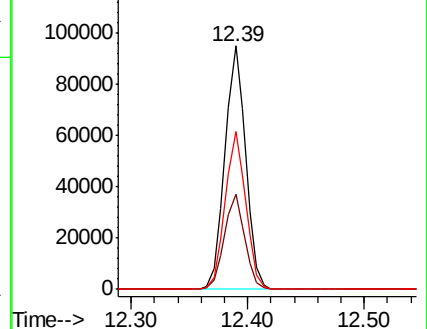
148 64.2 32.0 96.0



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: 19.026 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX010381.D

Acq: 21 Jun 2019 13:51

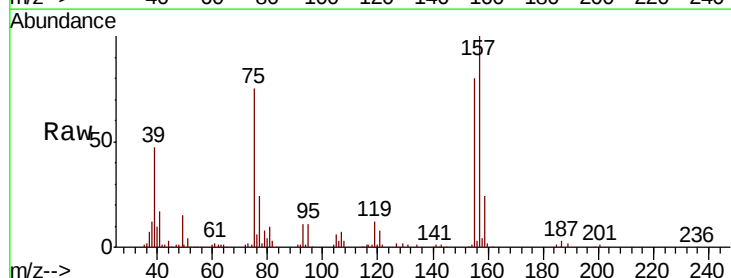
Tgt Ion: 75 Resp: 17147

Ion Ratio Lower Upper

75 100

155 104.0 54.4 163.1

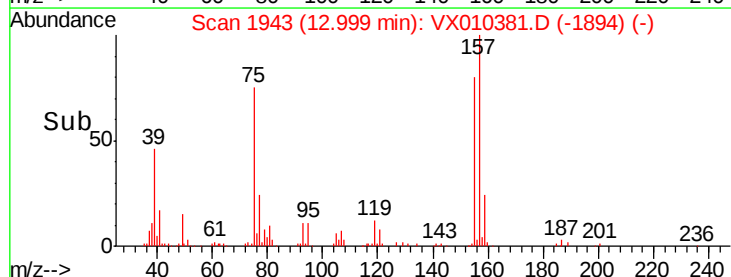
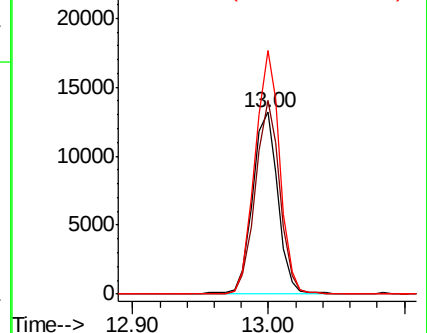
157 131.6 69.5 208.3

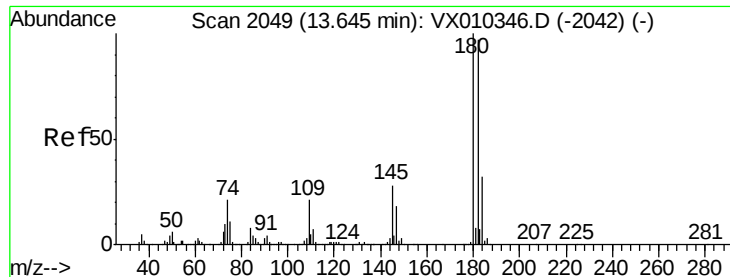


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 19.033 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX010381.D

Acq: 21 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBSD01

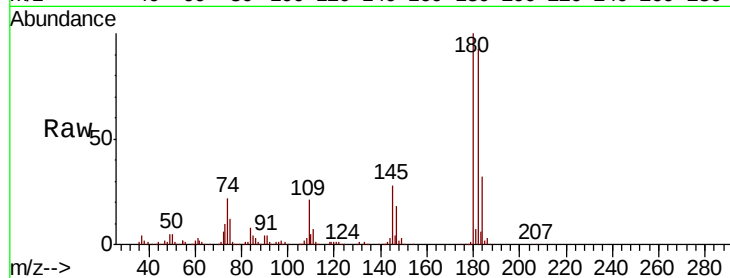
Tot Ion:180 Resp: 80702

Ion Ratio Lower Upper

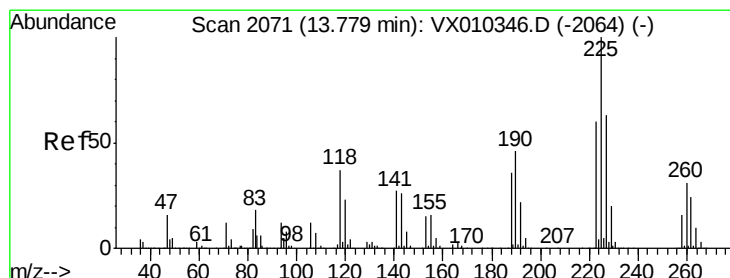
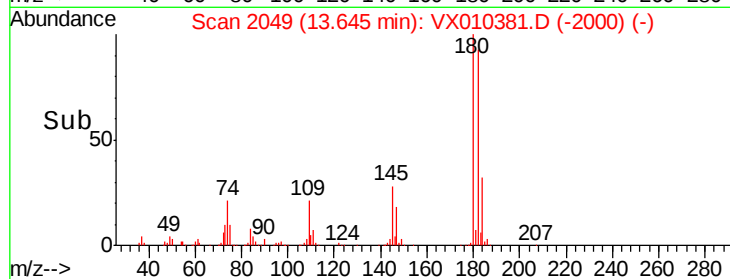
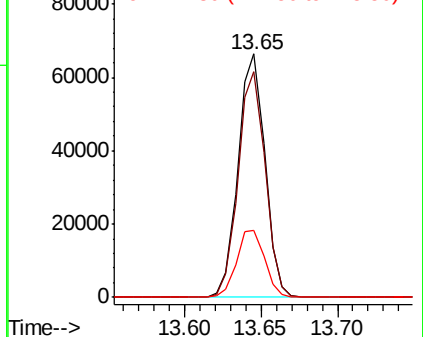
180 100

182 93.7 48.0 144.0

145 28.7 14.4 43.4



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 19.067 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX010381.D

Acq: 21 Jun 2019 13:51

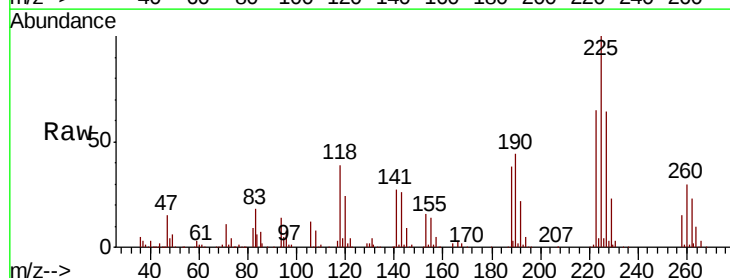
Tgt Ion:225 Resp: 39513

Ion Ratio Lower Upper

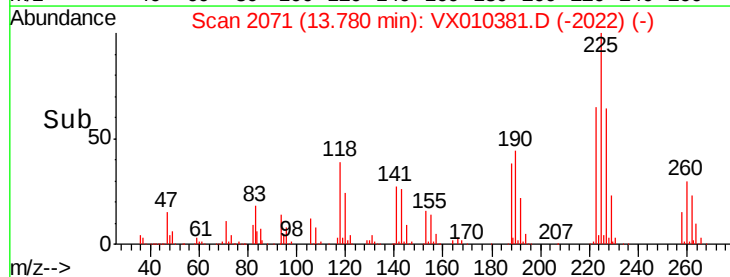
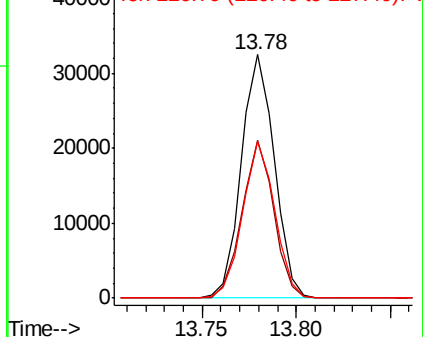
225 100

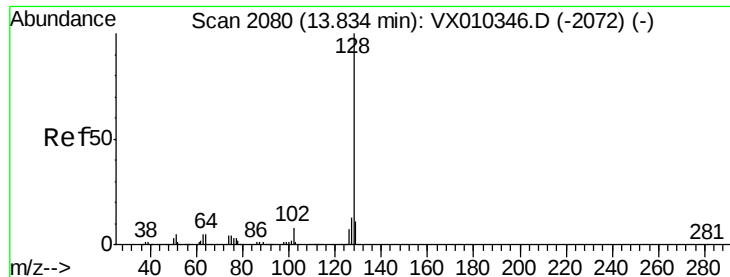
223 62.0 30.9 92.7

227 62.8 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

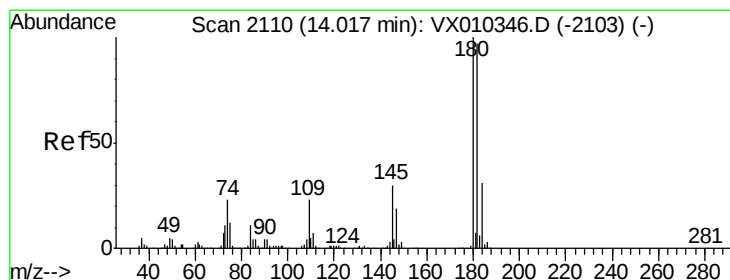
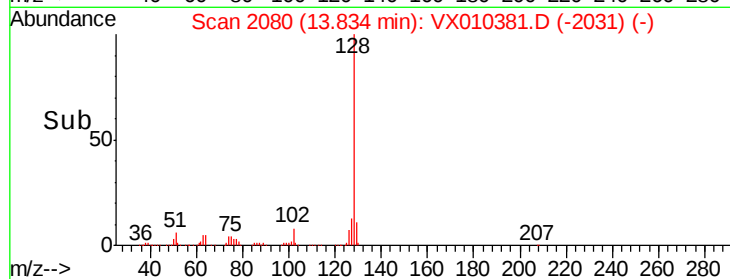
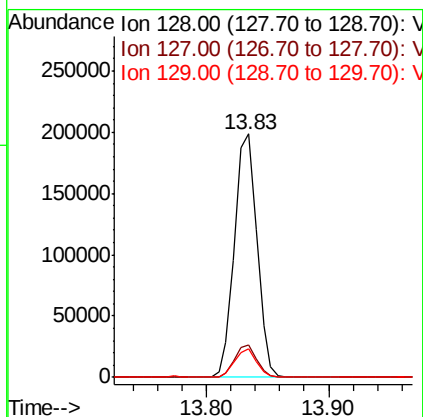
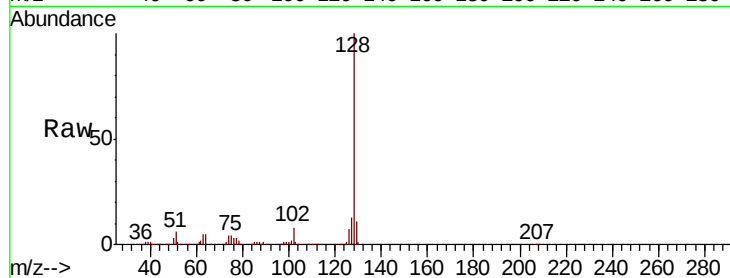




#95
Naphthalene
Concen: 19.401 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010381.D
Acq: 21 Jun 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBSD01

Tot Ion:128 Resp: 252795
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.2 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 18.818 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010381.D
Acq: 21 Jun 2019 13:51

Tgt Ion:180 Resp: 79332
Ion Ratio Lower Upper
180 100
182 97.5 47.8 143.3
145 31.1 15.2 45.6

