

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073119\
 Data File : VX011256.D
 Acq On : 31 Jul 2019 20:23
 Operator : JC/SP
 Sample : VX0731WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBSD01

Quant Time: Aug 01 02:34:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	185052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	273140	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	250654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	130723	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	101491	51.55	ug/l	0.00
Spiked Amount						
			Recovery	=	103.10%	
35) Dibromofluoromethane	5.49	113	89995	51.91	ug/l	0.00
Spiked Amount						
			Recovery	=	103.82%	
50) Toluene-d8	8.71	98	328954	50.59	ug/l	0.00
Spiked Amount						
			Recovery	=	101.18%	
62) 4-Bromofluorobenzene	11.13	95	122763	51.36	ug/l	0.00
Spiked Amount						
			Recovery	=	102.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	33133	17.154	ug/l	98
3) Chloromethane	1.33	50	29733	17.472	ug/l	100
4) Vinyl Chloride	1.41	62	32972	18.996	ug/l	98
5) Bromomethane	1.64	94	20259	20.712	ug/l	98
6) Chloroethane	1.72	64	21733	19.702	ug/l	95
7) Trichlorofluoromethane	1.93	101	59224	20.156	ug/l	95
8) Diethyl Ether	2.19	74	20489	20.239	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	32132	19.153	ug/l	98
10) Methyl Iodide	2.51	142	36223	16.453	ug/l	98
11) Tert butyl alcohol	3.04	59	45012	98.175	ug/l	100
12) 1,1-Dichloroethene	2.37	96	31121	18.881	ug/l	97
13) Acrolein	2.29	56	25627	96.743	ug/l	100
14) Allyl chloride	2.73	41	43822	18.303	ug/l	98
15) Acrylonitrile	3.14	53	92850	100.221	ug/l	98
16) Acetone	2.44	43	79725	89.665	ug/l	97
17) Carbon Disulfide	2.57	76	60243	14.248	ug/l	99
18) Methyl Acetate	2.78	43	45694	22.569	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	106402	20.052	ug/l	99
20) Methylene Chloride	2.86	84	35671	18.931	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	31378	17.941	ug/l	97
22) Diisopropyl ether	3.86	45	101668	20.134	ug/l	91
23) Vinyl Acetate	3.81	43	416926	97.447	ug/l	100
24) 1,1-Dichloroethane	3.70	63	57902	19.745	ug/l	99
25) 2-Butanone	4.67	43	128072	100.342	ug/l	96
26) 2,2-Dichloropropane	4.59	77	41736	17.333	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	39244	19.388	ug/l	98
28) Bromochloromethane	5.01	49	27779	20.102	ug/l	98
29) Tetrahydrofuran	5.13	42	81780	101.151	ug/l	100
30) Chloroform	5.21	83	62872	19.835	ug/l	95
31) Cyclohexane	5.58	56	47231	17.670	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	53538	19.523	ug/l	99
36) 1,1-Dichloropropene	5.80	75	42837	19.093	ug/l	98
37) Ethyl Acetate	4.84	43	46759	20.353	ug/l	97
38) Carbon Tetrachloride	5.79	117	45385	19.413	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073119\
 Data File : VX011256.D
 Acq On : 31 Jul 2019 20:23
 Operator : JC/SP
 Sample : VX0731WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0731WBSD01

Quant Time: Aug 01 02:34:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	52198	17.940	ug/l	97
40) Benzene	6.14	78	134690	19.598	ug/l	97
41) Methacrylonitrile	5.05	41	27170	20.833	ug/l	96
42) 1,2-Dichloroethane	6.19	62	49597	20.756	ug/l	99
43) Isopropyl Acetate	6.45	43	76450	20.238	ug/l	99
44) Trichloroethene	7.21	130	38354	18.854	ug/l	96
45) 1,2-Dichloropropane	7.51	63	34942	19.976	ug/l	97
46) Dibromomethane	7.66	93	25053	20.044	ug/l	100
47) Bromodichloromethane	7.90	83	44744	20.110	ug/l	98
48) Methyl methacrylate	7.77	41	36675	19.929	ug/l	97
49) 1,4-Dioxane	7.74	88	20355	395.426	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	260052	106.197	ug/l	98
52) Toluene	8.78	92	87731	19.432	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	44972	18.798	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	50837	19.096	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	37498	20.172	ug/l	99
56) Ethyl methacrylate	9.18	69	54861	20.175	ug/l	97
57) 1,3-Dichloropropane	9.37	76	60058	20.366	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	135757	104.586	ug/l	99
59) 2-Hexanone	9.49	43	203073	106.919	ug/l	99
60) Dibromochloromethane	9.58	129	36394	18.679	ug/l	98
61) 1,2-Dibromoethane	9.67	107	40201	20.377	ug/l	99
64) Tetrachloroethene	9.34	164	40018	20.295	ug/l	99
65) Chlorobenzene	10.13	112	102055	19.823	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.22	131	35855	19.816	ug/l	99
67) Ethyl Benzene	10.25	91	171449	19.565	ug/l	100
68) m/p-Xylenes	10.36	106	131880	39.234	ug/l	99
69) o-Xylene	10.69	106	64385	19.626	ug/l	98
70) Styrene	10.71	104	109733	20.066	ug/l	99
71) Bromoform	10.85	173	26335	17.720	ug/l #	98
73) Isopropylbenzene	11.02	105	176098	19.937	ug/l	100
74) N-amyl acetate	10.90	43	66922	19.829	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	59808	20.690	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	60682	25.724	ug/l	85
77) Bromobenzene	11.25	156	47986	19.695	ug/l	99
78) n-propylbenzene	11.36	91	193366	19.813	ug/l	100
79) 2-Chlorotoluene	11.42	91	115534	19.706	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	145719	19.743	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	13511	17.336	ug/l	88
82) 4-Chlorotoluene	11.51	91	134145	19.659	ug/l	100
83) tert-Butylbenzene	11.77	119	143353	19.773	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	147884	19.879	ug/l	99
85) sec-Butylbenzene	11.94	105	170963	20.125	ug/l	99
86) p-Isopropyltoluene	12.06	119	158004	20.119	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	84548	19.996	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	84413	19.466	ug/l	97
89) n-Butylbenzene	12.38	91	134079	19.956	ug/l	99
90) Hexachloroethane	12.59	117	22564	18.216	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	85489	20.401	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12540	20.754	ug/l	95

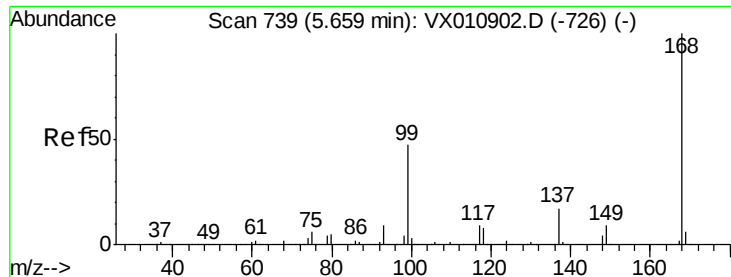
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073119\
Data File : VX011256.D
Acq On : 31 Jul 2019 20:23
Operator : JC/SP
Sample : VX0731WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

Quant Time: Aug 01 02:34:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	58200	20.493	ug/l	98
94) Hexachlorobutadiene	13.78	225	28177	20.022	ug/l	100
95) Naphthalene	13.83	128	186873	22.284	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	61056	21.607	ug/l	99

(#) = 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. 0.01 min

Lab File: VX011256.D

Acq: 31 Jul 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

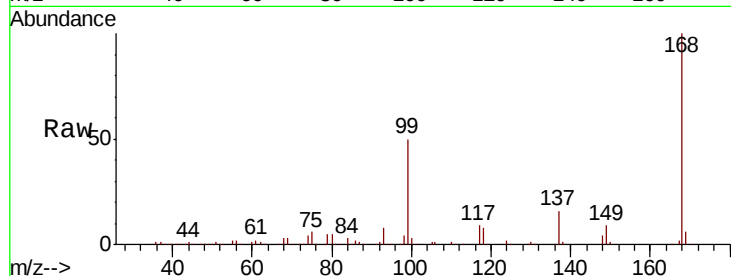
VX0731WBSD01

Tot Ion:168 Resp: 185052

Ion Ratio Lower Upper

168 100

99 49.7 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

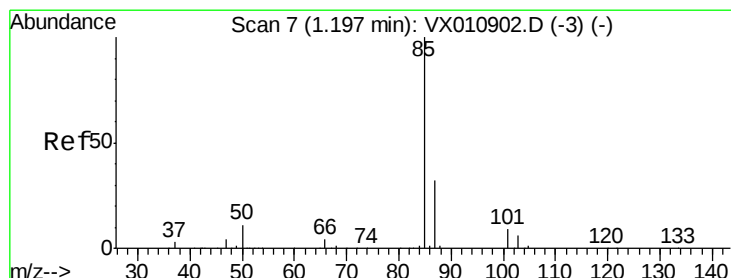
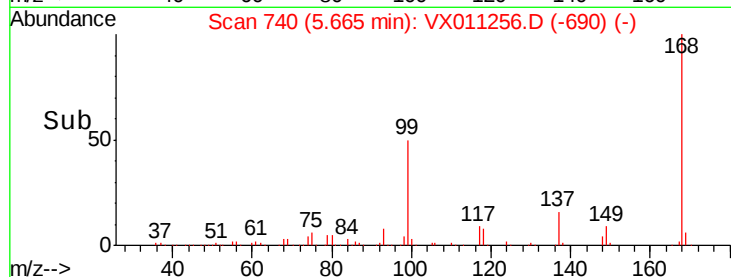
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 17.154 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011256.D

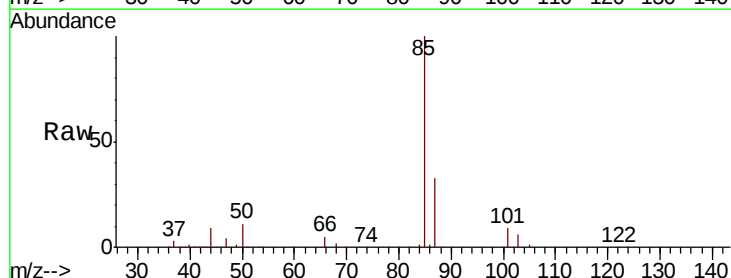
Acq: 31 Jul 2019 20:23

Tgt Ion: 85 Resp: 33133

Ion Ratio Lower Upper

85 100

87 33.1 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

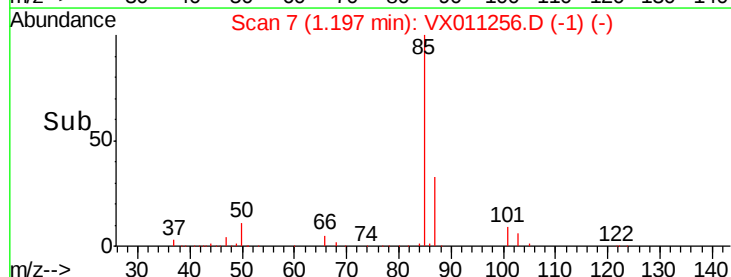
30000

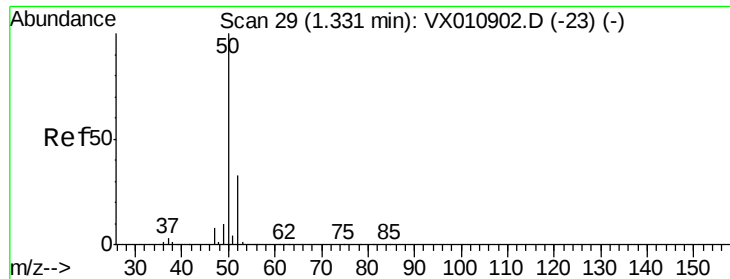
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 17.472 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX011256.D

Acq: 31 Jul 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

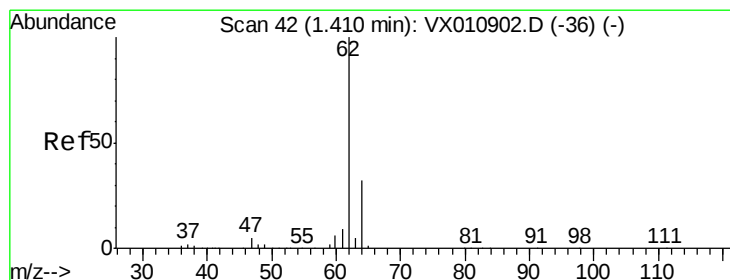
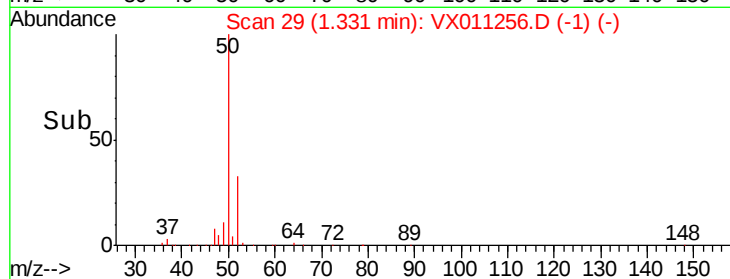
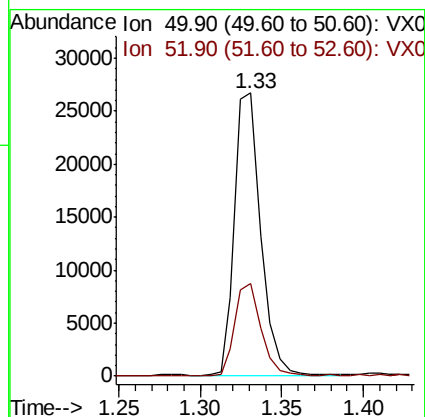
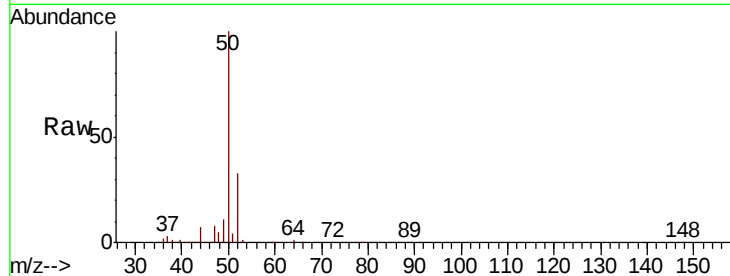
VX0731WBSD01

Tot Ion: 50 Resp: 29733

Ion Ratio Lower Upper

50 100

52 32.7 26.4 39.6



#4

Vinyl Chloride

Concen: 18.996 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX011256.D

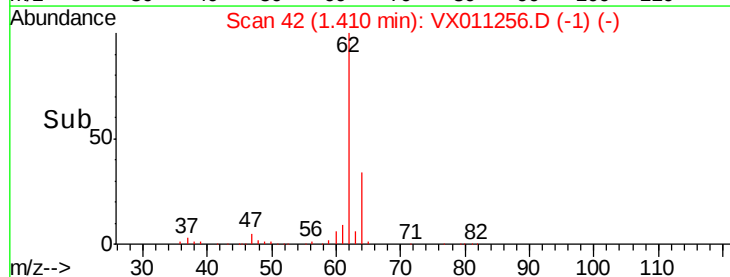
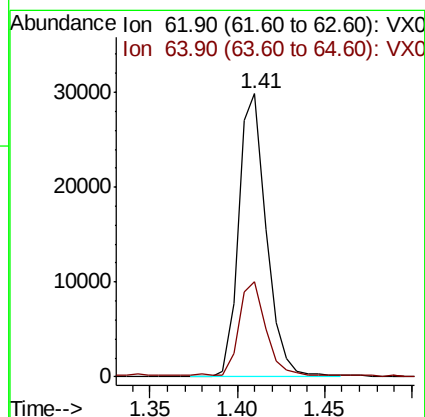
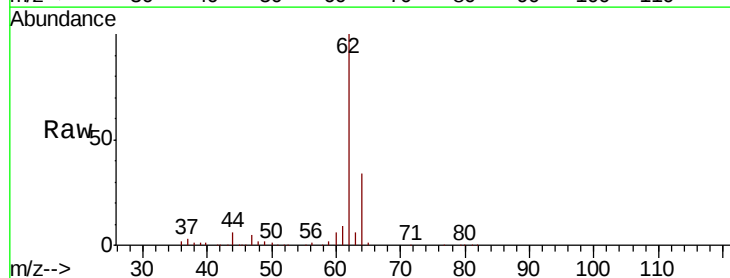
Acq: 31 Jul 2019 20:23

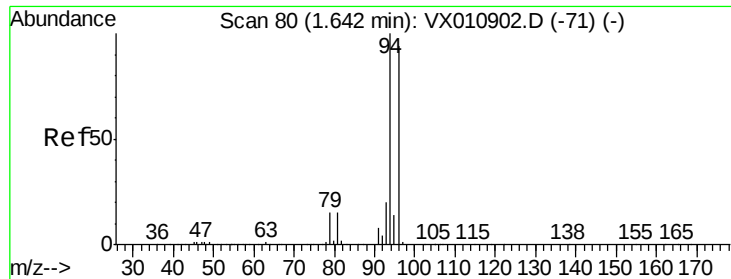
Tgt Ion: 62 Resp: 32972

Ion Ratio Lower Upper

62 100

64 33.1 25.7 38.5





#5

Bromomethane

Concen: 20.712 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX011256.D

Acq: 31 Jul 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

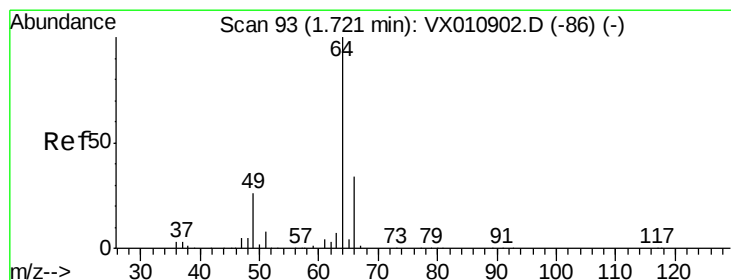
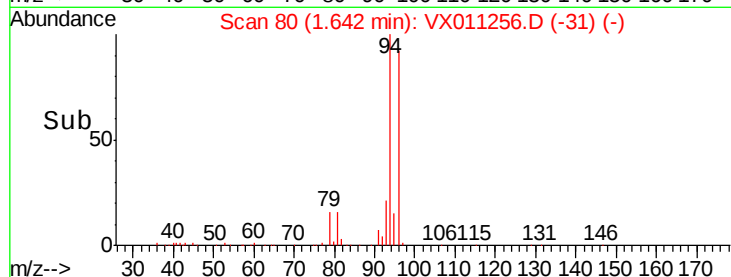
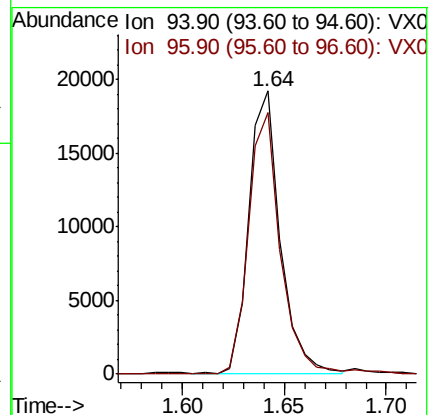
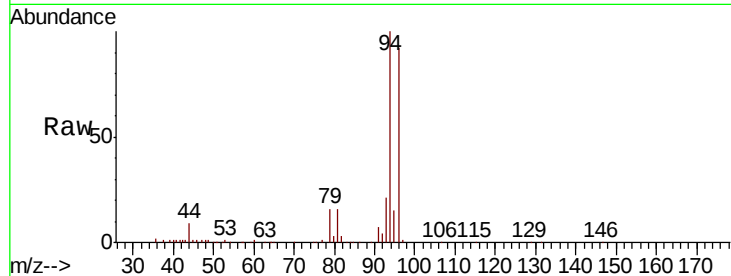
VX0731WBSD01

Tot Ion: 94 Resp: 20259

Ion Ratio Lower Upper

94 100

96 92.8 75.6 113.4



#6

Chloroethane

Concen: 19.702 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX011256.D

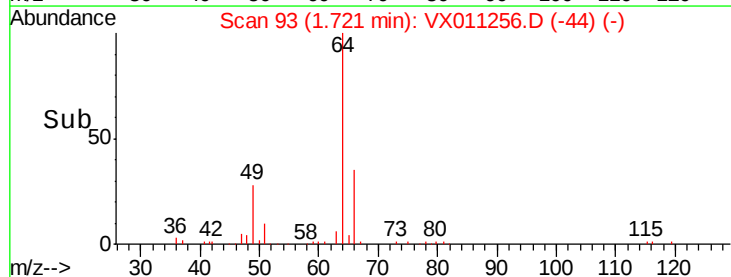
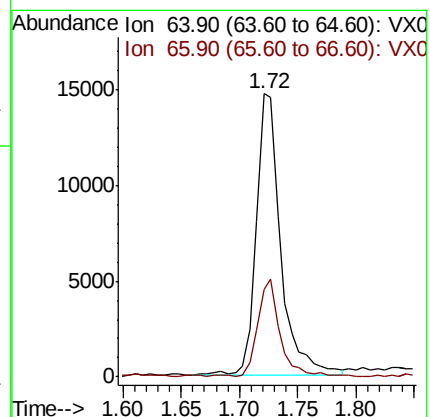
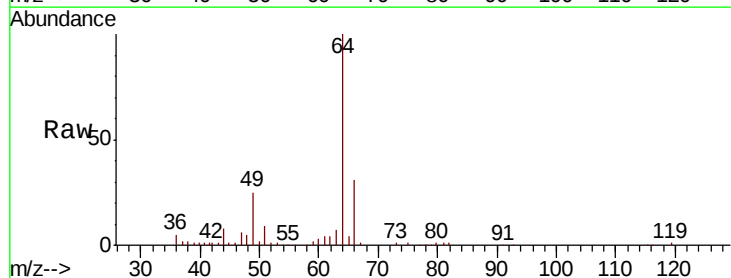
Acq: 31 Jul 2019 20:23

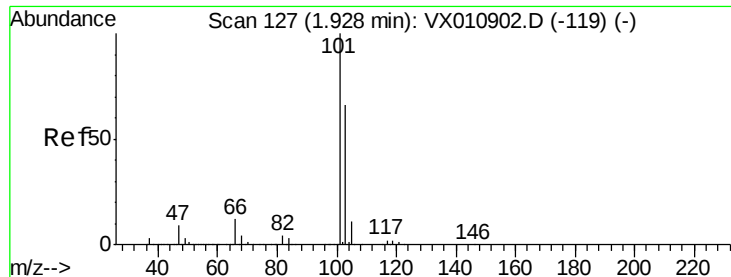
Tgt Ion: 64 Resp: 21733

Ion Ratio Lower Upper

64 100

66 30.7 27.0 40.6



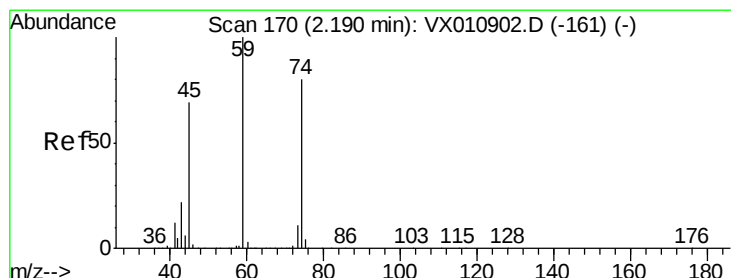
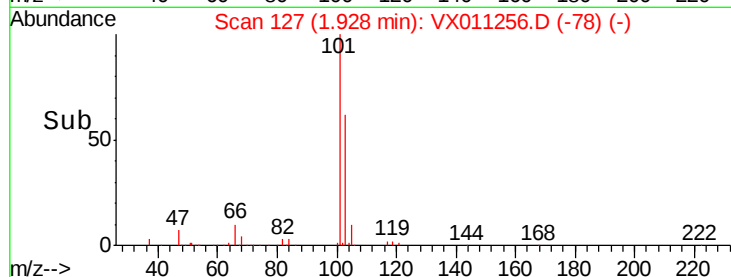
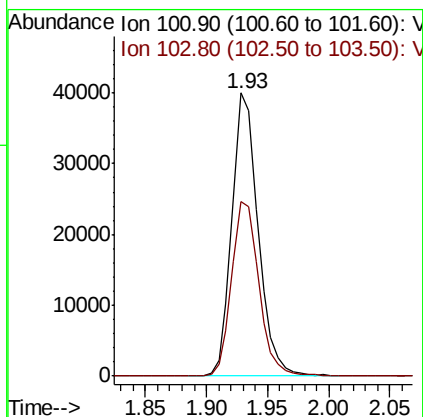
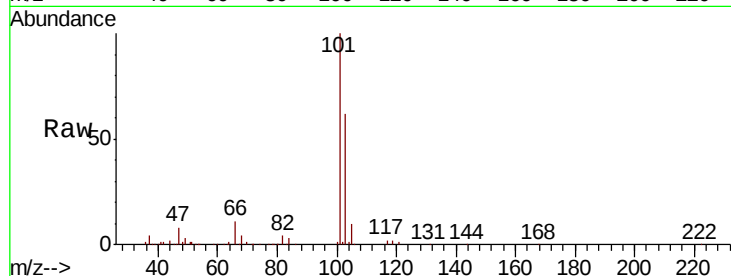


#7

Trichlorofluoromethane
Concen: 20.156 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX011256.D
Acq: 31 Jul 2019 20:23

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

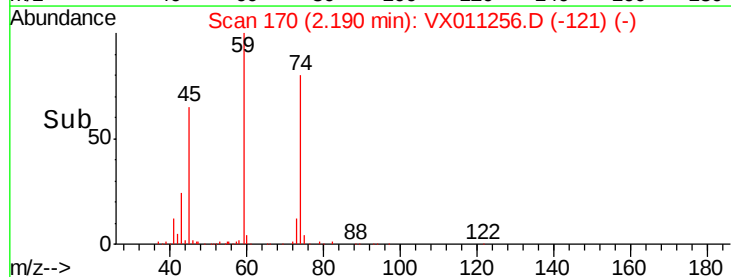
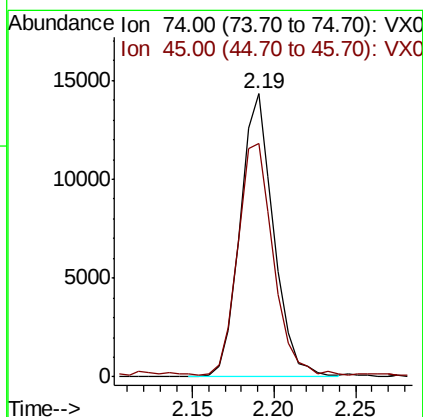
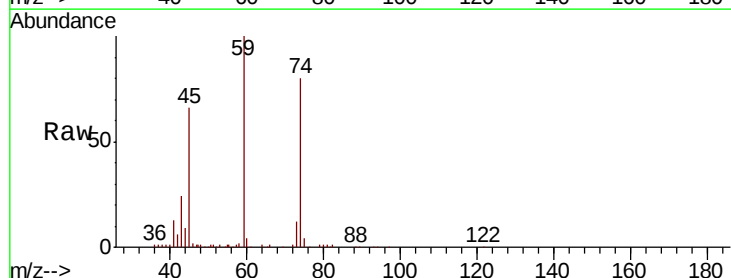
Tot Ion:101 Resp: 59224
Ion Ratio Lower Upper
101 100
103 61.6 52.6 78.8

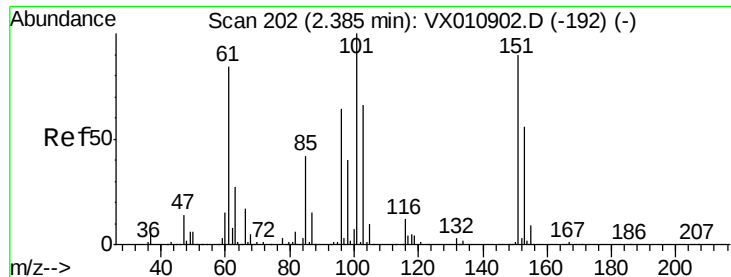


#8

Diethyl Ether
Concen: 20.239 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX011256.D
Acq: 31 Jul 2019 20:23

Tgt Ion: 74 Resp: 20489
Ion Ratio Lower Upper
74 100
45 86.3 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.153 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX011256.D

Acq: 31 Jul 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD01

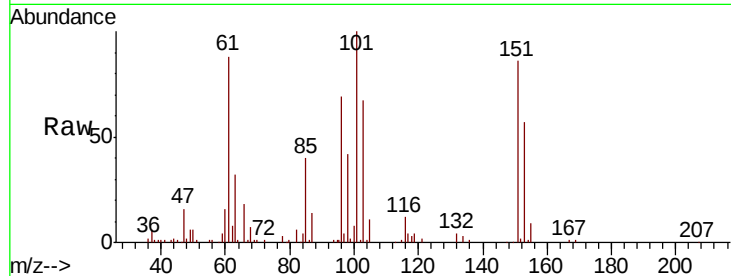
Tot Ion:101 Resp: 32132

Ion Ratio Lower Upper

101 100

85 43.4 34.6 52.0

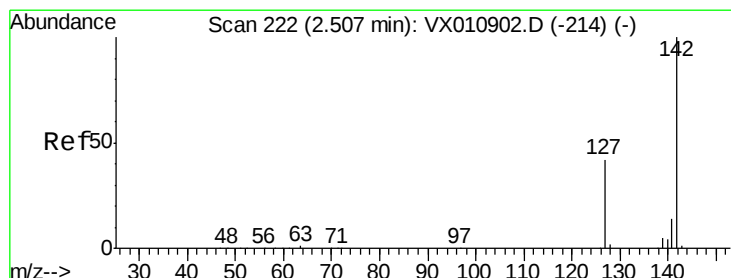
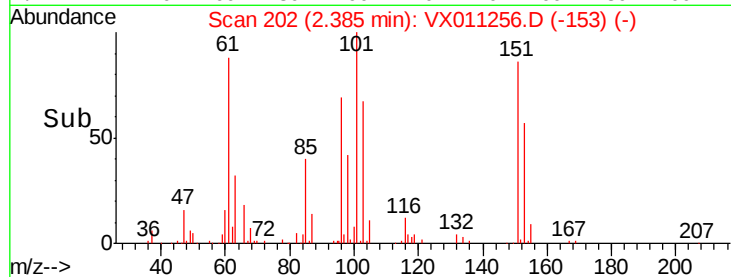
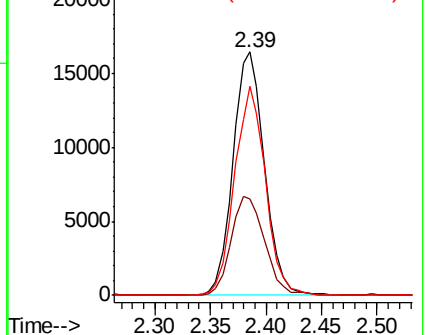
151 84.4 69.6 104.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.453 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX011256.D

Acq: 31 Jul 2019 20:23

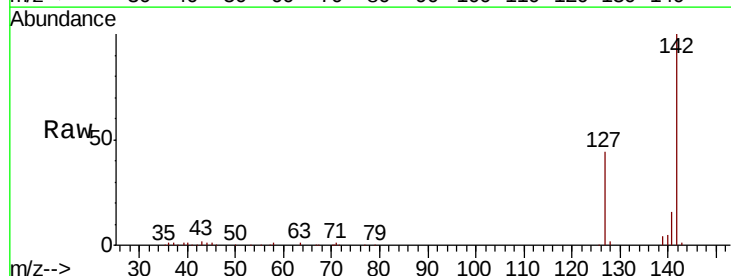
Tgt Ion:142 Resp: 36223

Ion Ratio Lower Upper

142 100

127 44.7 34.2 51.4

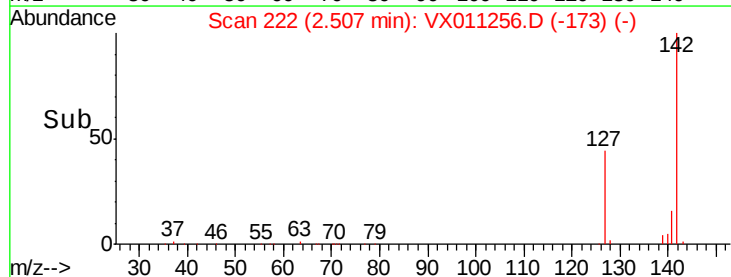
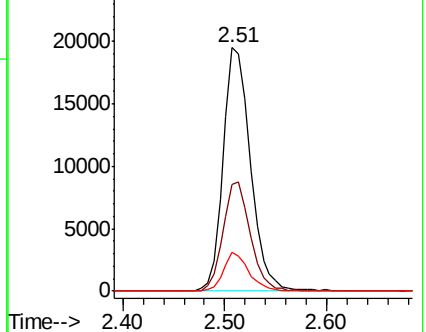
141 14.7 11.7 17.5

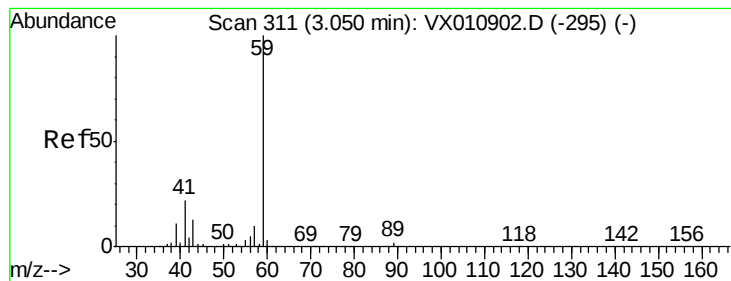


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



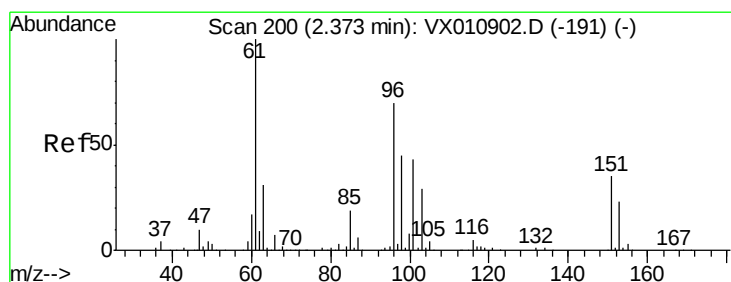
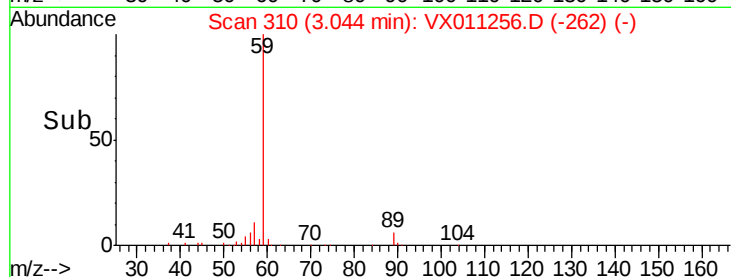
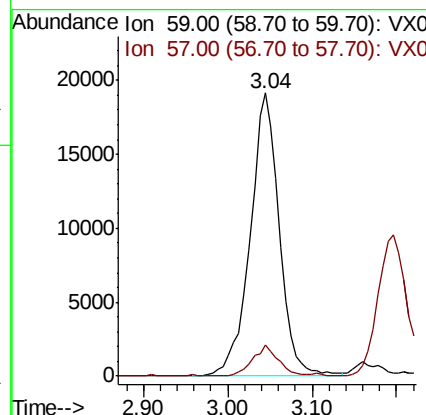
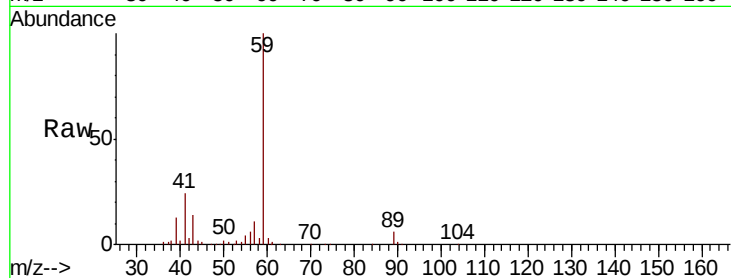


#11

Tert butyl alcohol
 Concen: 98.175 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX011256.D
 Acq: 31 Jul 2019 20:23

Instrument :
 MSVOA_X
 ClientSampled :
 VX0731WBSD01

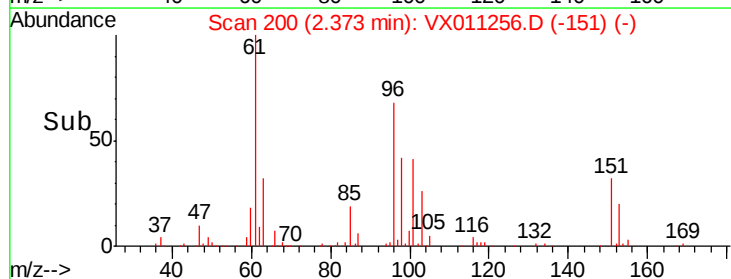
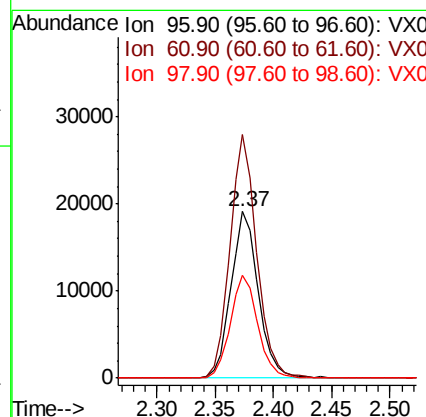
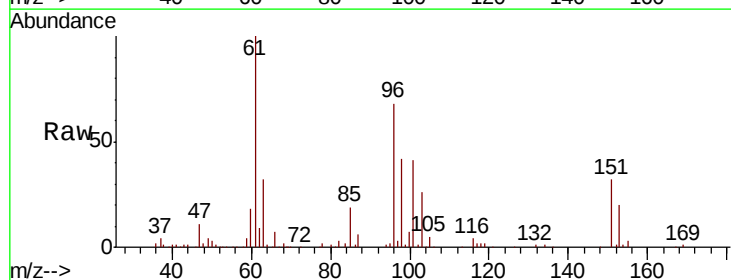
Tot Ion: 59 Resp: 45012
 Ion Ratio Lower Upper
 59 100
 57 9.9 7.9 11.9

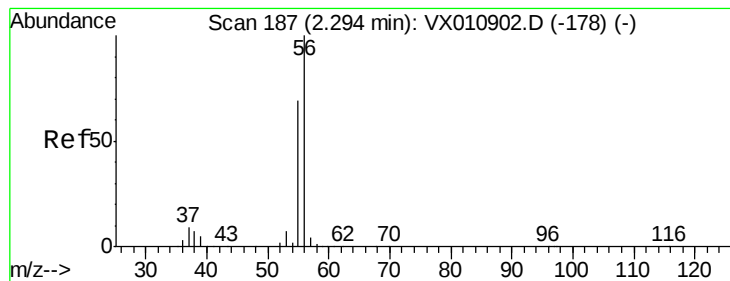


#12

1,1-Dichloroethene
 Concen: 18.881 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX011256.D
 Acq: 31 Jul 2019 20:23

Tgt Ion: 96 Resp: 31121
 Ion Ratio Lower Upper
 96 100
 61 146.1 115.0 172.4
 98 61.7 52.2 78.2





#13

Acrolein

Concen: 96.743 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX011256.D

Acq: 31 Jul 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

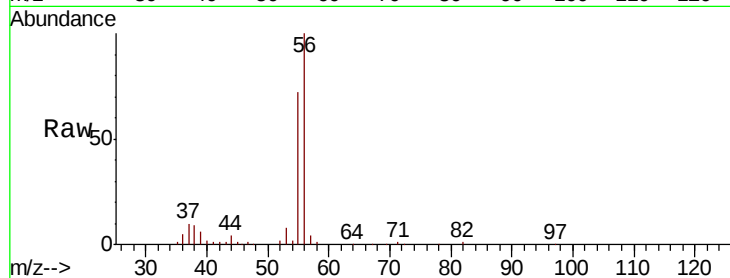
VX0731WBSD01

Tot Ion: 56 Resp: 25627

Ion Ratio Lower Upper

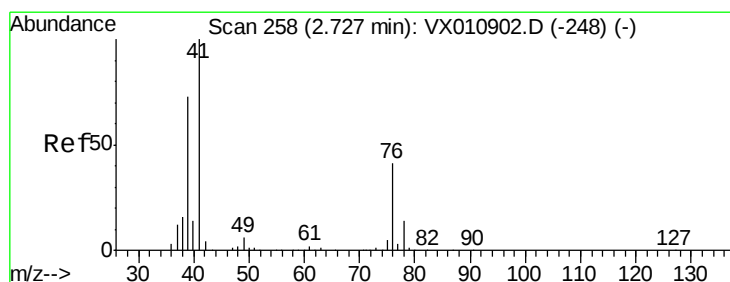
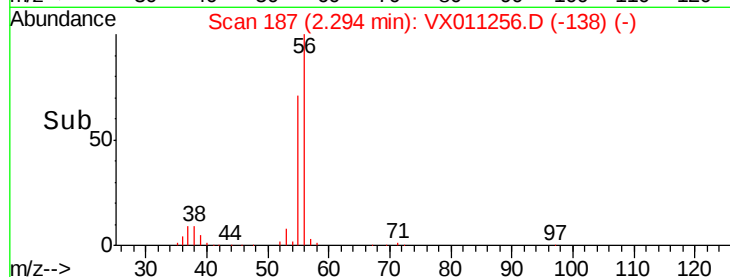
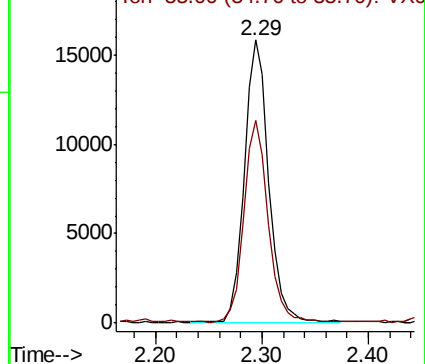
56 100

55 70.0 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.303 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX011256.D

Acq: 31 Jul 2019 20:23

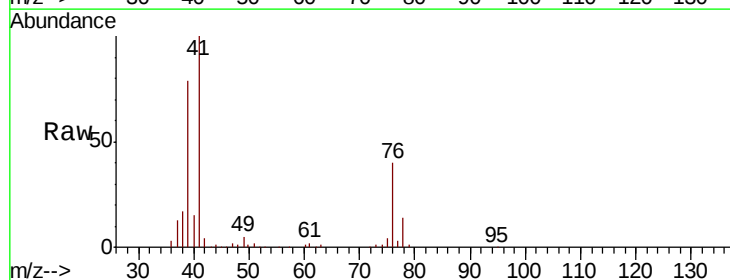
Tgt Ion: 41 Resp: 43822

Ion Ratio Lower Upper

41 100

39 68.7 53.6 80.4

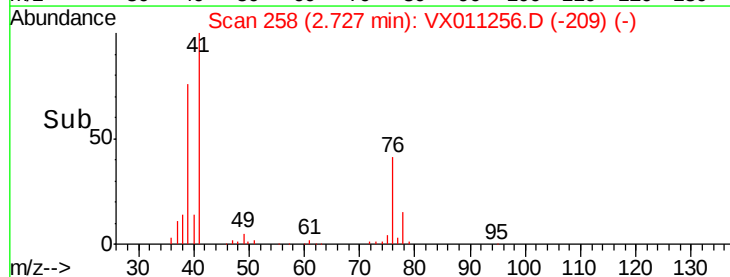
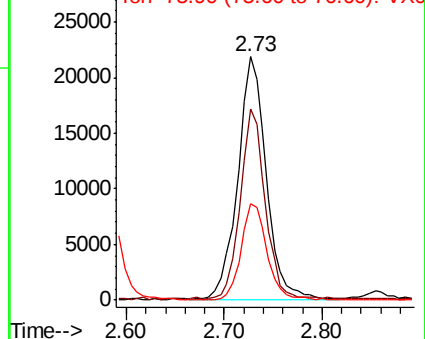
76 36.7 29.7 44.5

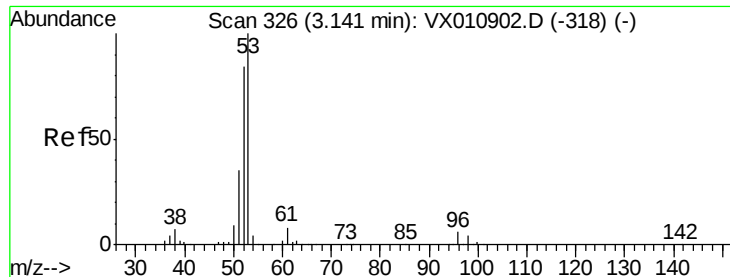


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 100.221 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX011256.D

Acq: 31 Jul 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD01

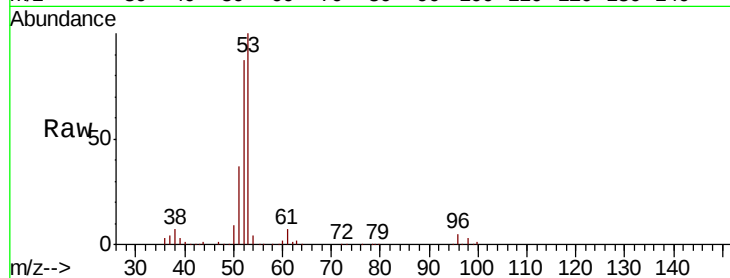
Tot Ion: 53 Resp: 92850

Ion Ratio Lower Upper

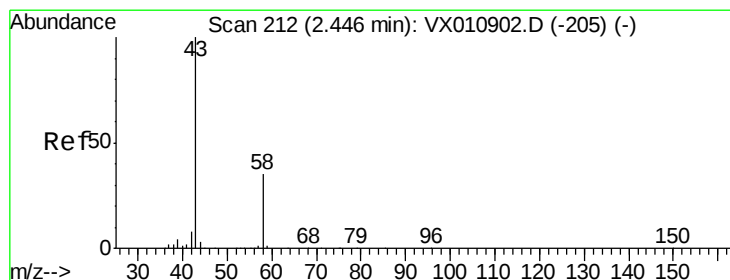
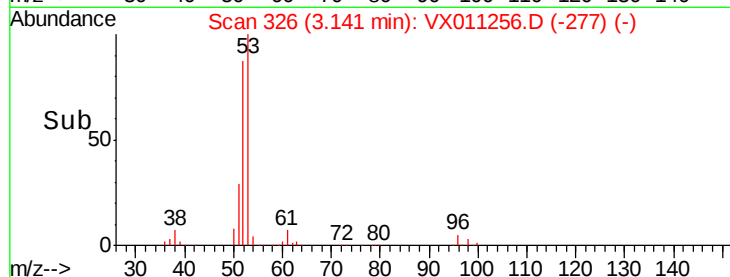
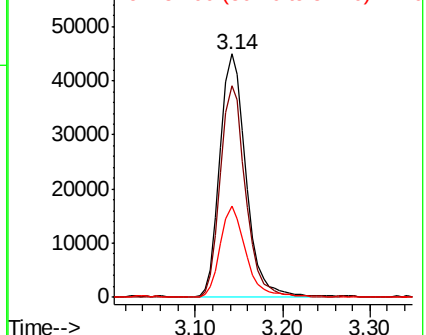
53 100

52 84.9 66.5 99.7

51 37.1 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: 89.665 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011256.D

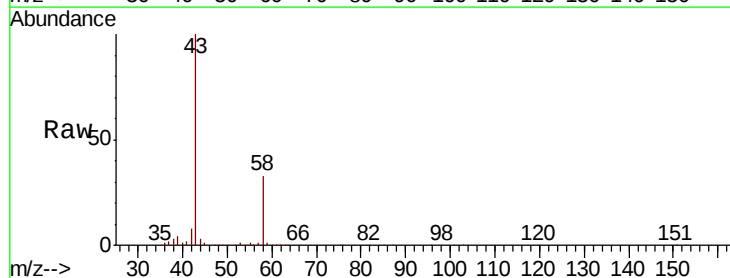
Acq: 31 Jul 2019 20:23

Tgt Ion: 43 Resp: 79725

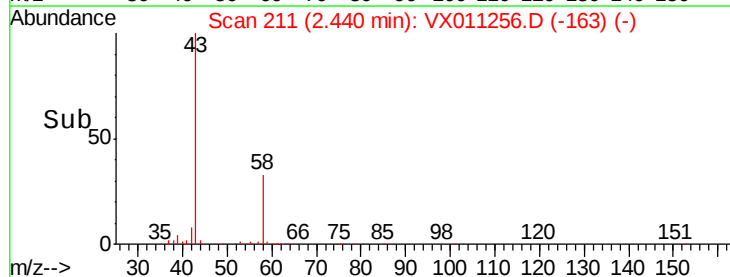
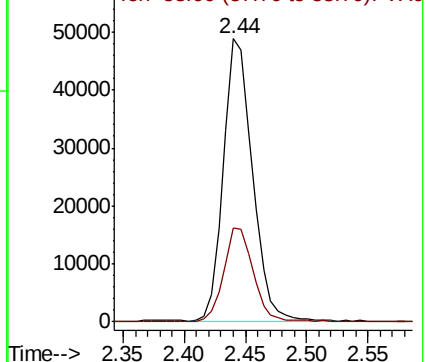
Ion Ratio Lower Upper

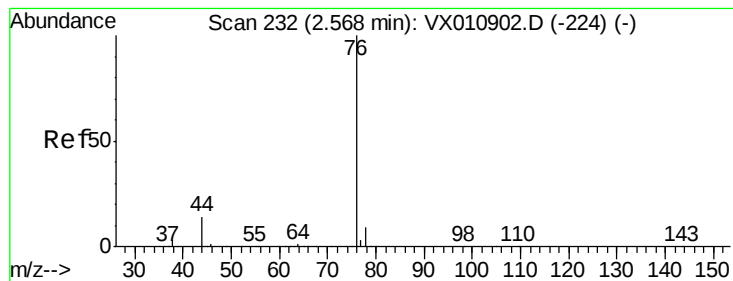
43 100

58 33.1 27.7 41.5



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





#17

Carbon Disulfide

Concen: 14.248 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX011256.D

Acq: 31 Jul 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

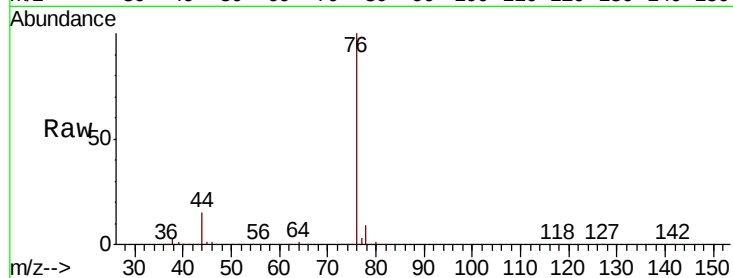
VX0731WBSD01

Tot Ion: 76 Resp: 60243

Ion Ratio Lower Upper

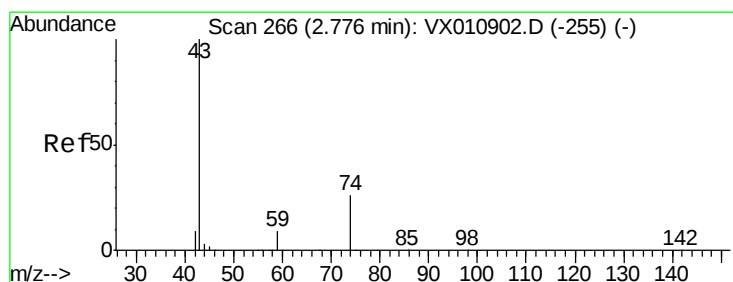
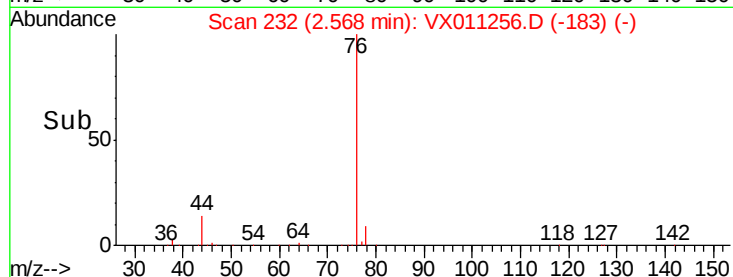
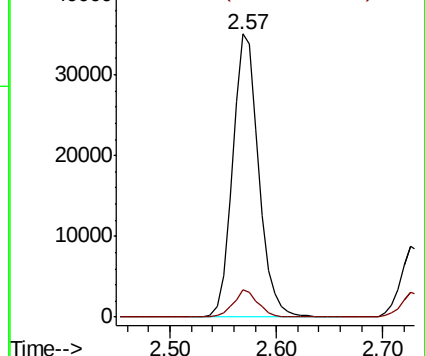
76 100

78 9.5 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 22.569 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX011256.D

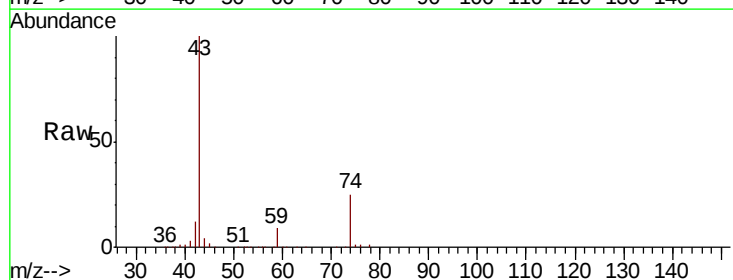
Acq: 31 Jul 2019 20:23

Tgt Ion: 43 Resp: 45694

Ion Ratio Lower Upper

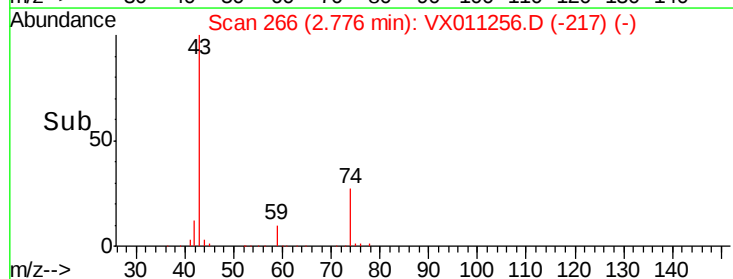
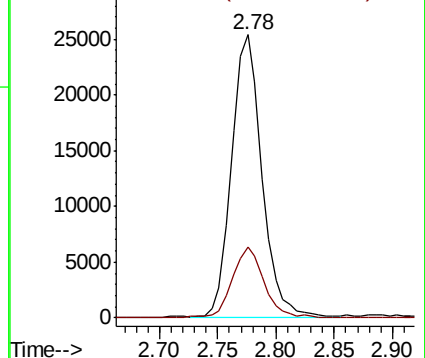
43 100

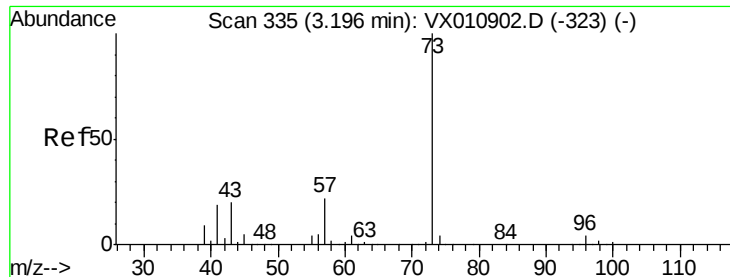
74 26.5 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

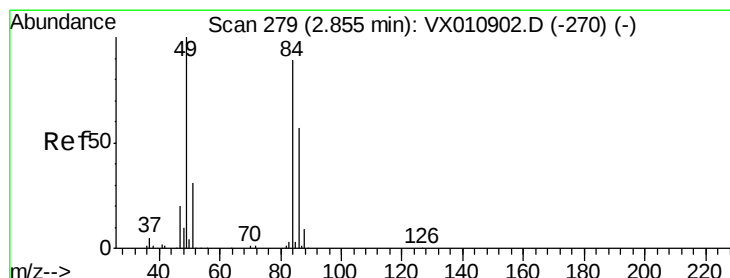
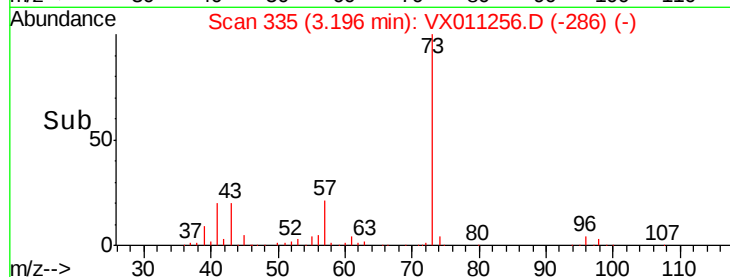
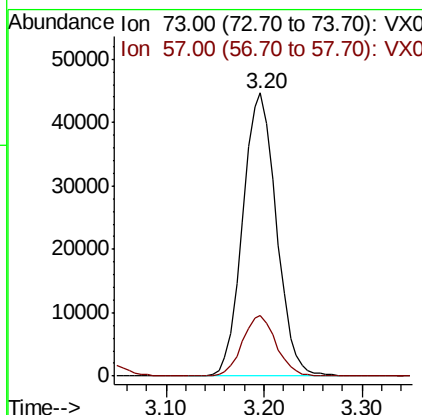
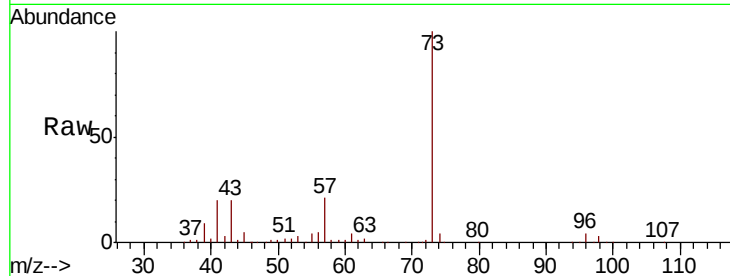




#19
Methvl tert-butvl Ether
Concen: 20.052 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX011256.D
Acq: 31 Jul 2019 20:23

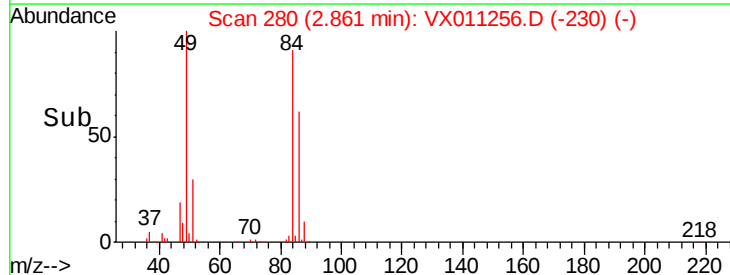
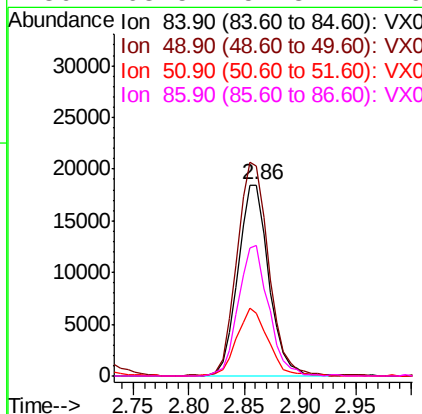
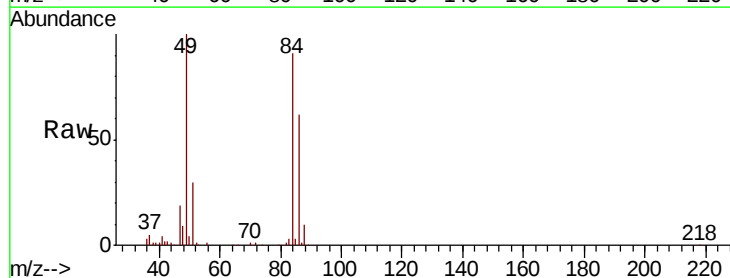
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

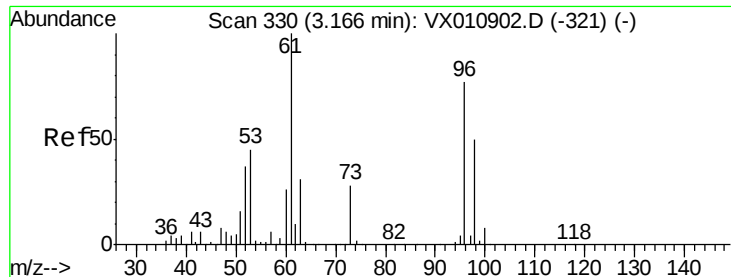
Tot Ion: 73 Resp: 106402
Ion Ratio Lower Upper
73 100
57 21.3 17.3 25.9



#20
Methylene Chloride
Concen: 18.931 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX011256.D
Acq: 31 Jul 2019 20:23

Tgt Ion: 84 Resp: 35671
Ion Ratio Lower Upper
84 100
49 109.8 89.9 134.9
51 33.2 27.8 41.6
86 68.5 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 17.941 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX011256.D

Acq: 31 Jul 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD01

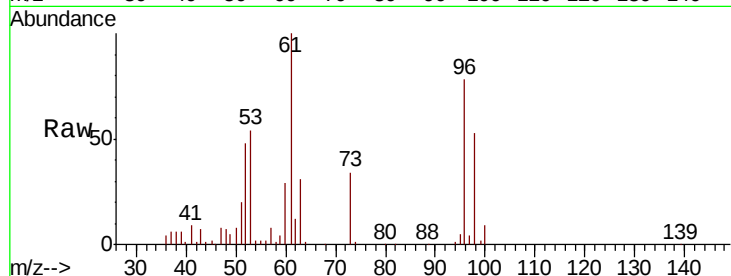
Tot Ion: 96 Resp: 31378

Ion Ratio Lower Upper

96 100

61 127.0 104.2 156.2

98 67.1 52.2 78.4

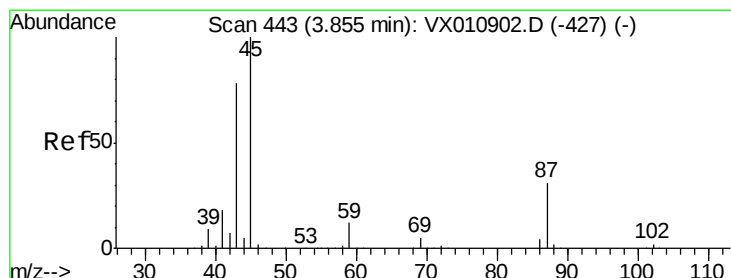
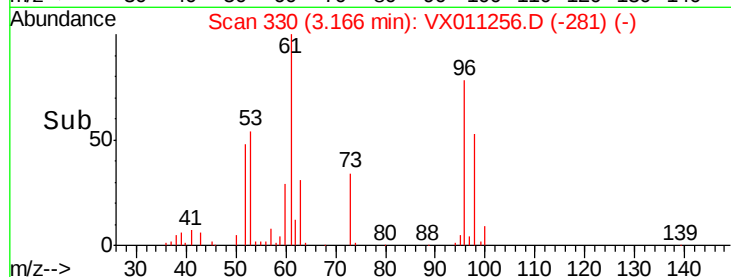
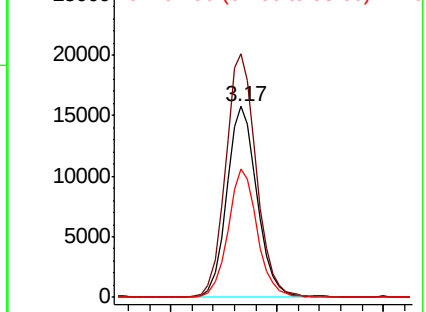


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.134 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX011256.D

Acq: 31 Jul 2019 20:23

Tgt Ion: 45 Resp: 101668

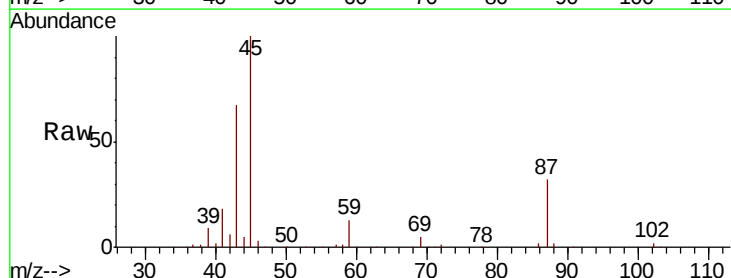
Ion Ratio Lower Upper

45 100

43 66.8 62.3 93.5

87 32.0 25.0 37.4

59 13.1 9.9 14.9



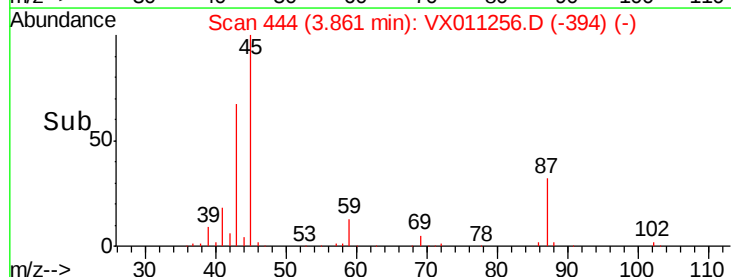
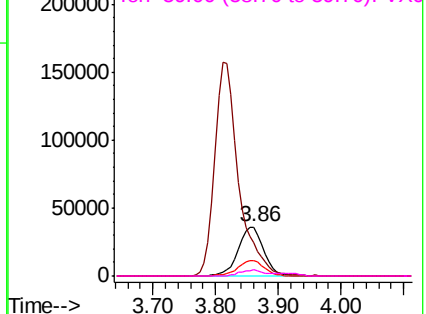
Abundance

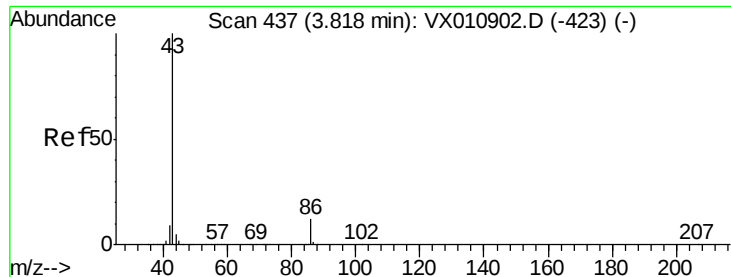
Ion 45.00 (44.70 to 45.70): VX0

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: 97.447 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX011256.D

Acq: 31 Jul 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

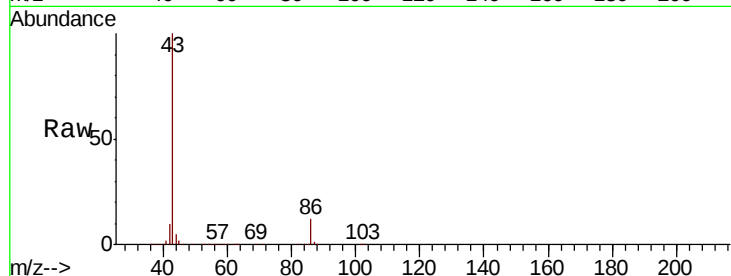
VX0731WBSD01

Tot Ion: 43 Resp: 416926

Ion Ratio Lower Upper

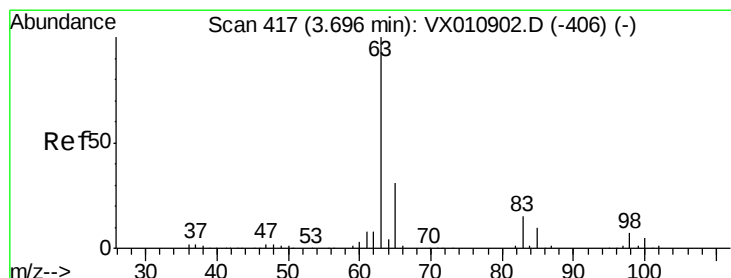
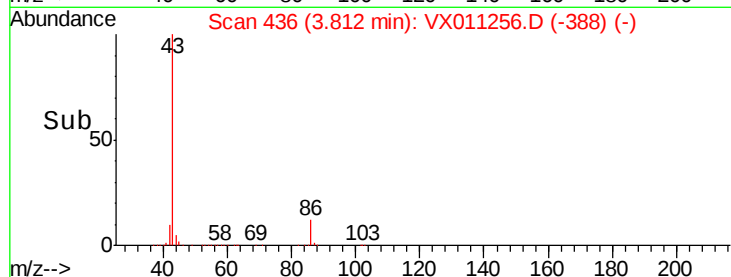
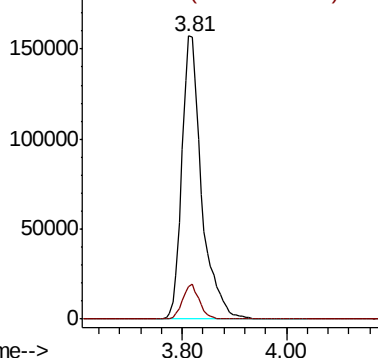
43 100

86 11.7 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.745 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX011256.D

Acq: 31 Jul 2019 20:23

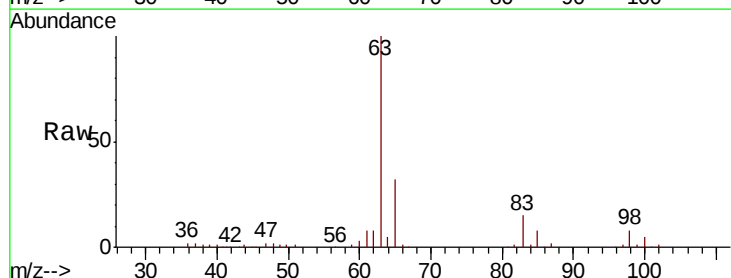
Tgt Ion: 63 Resp: 57902

Ion Ratio Lower Upper

63 100

98 7.9 3.6 10.9

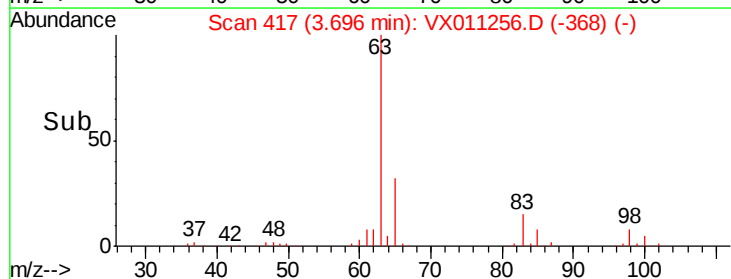
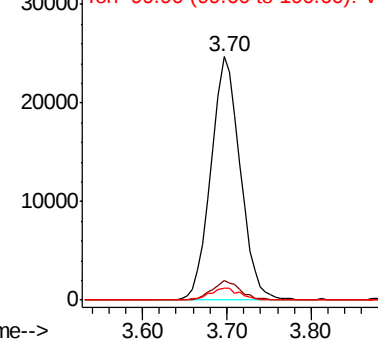
100 5.1 2.4 7.2

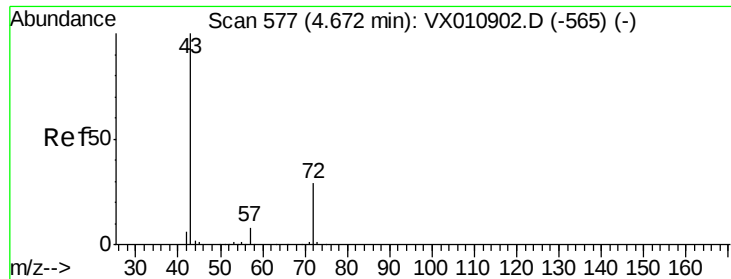


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 100.342 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX011256.D

Acq: 31 Jul 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

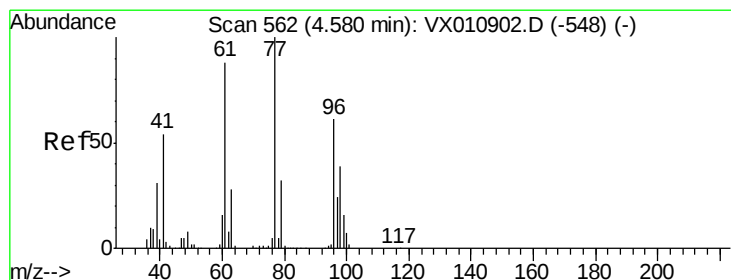
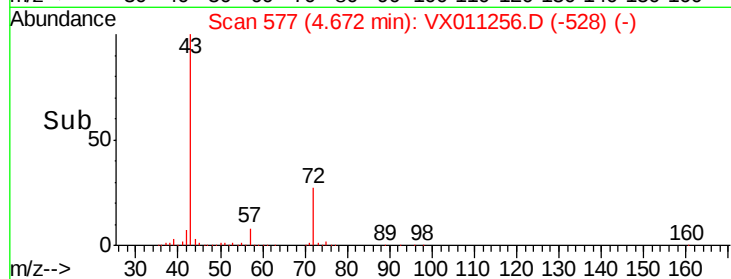
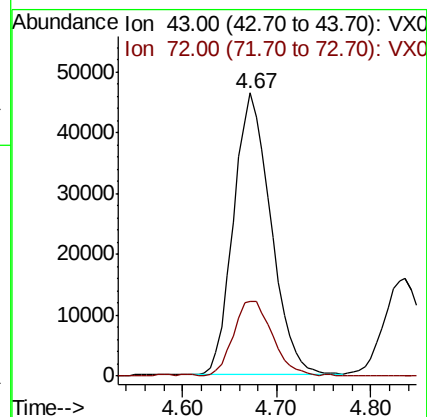
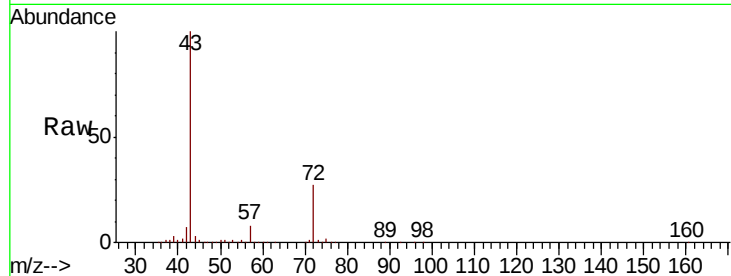
VX0731WBSD01

Tot Ion: 43 Resp: 128072

Ion Ratio Lower Upper

43 100

72 26.5 23.0 34.6



#26

2,2-Dichloropropane

Concen: 17.333 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX011256.D

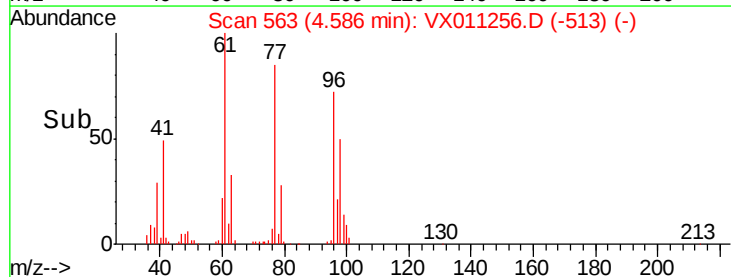
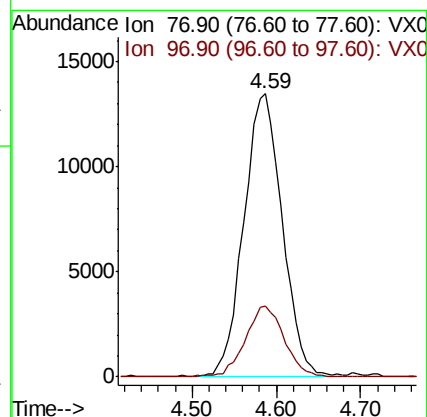
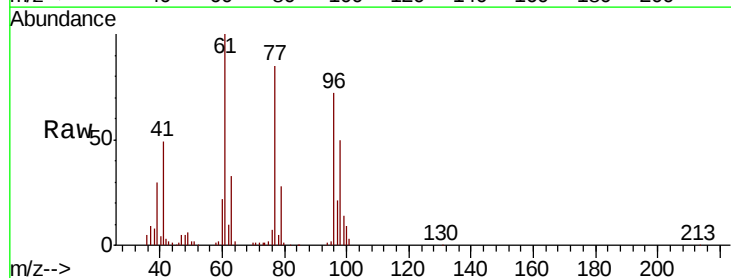
Acq: 31 Jul 2019 20:23

Tgt Ion: 77 Resp: 41736

Ion Ratio Lower Upper

77 100

97 25.2 12.6 37.6



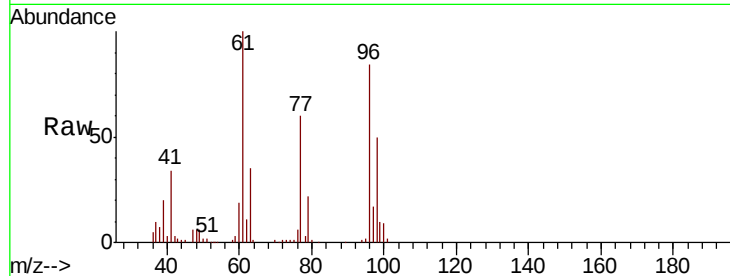


#27

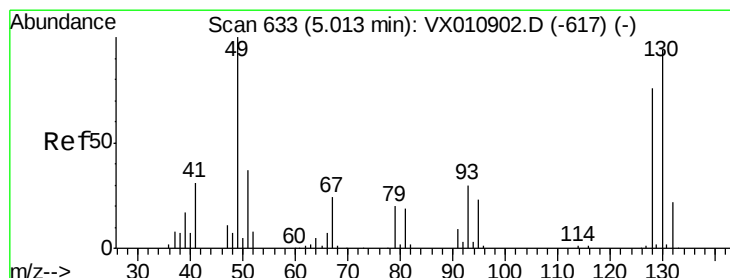
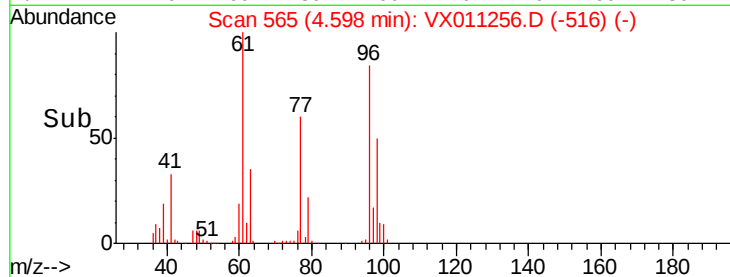
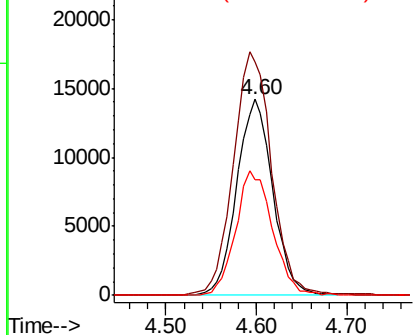
cis-1,2-Dichloroethene
Concen: 19.388 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX011256.D
Acq: 31 Jul 2019 20:23

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

Tot Ion: 96 Resp: 39244
Ion Ratio Lower Upper
96 100
61 131.9 0.0 269.0
98 64.8 0.0 131.4



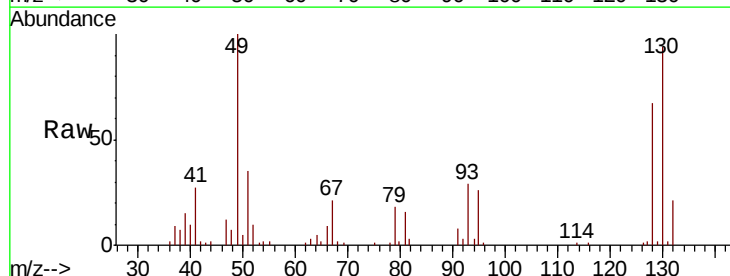
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



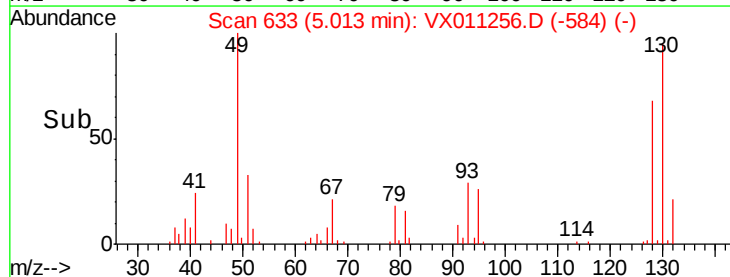
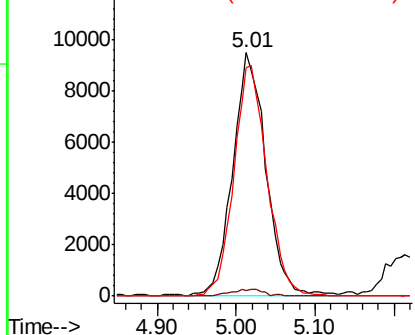
#28

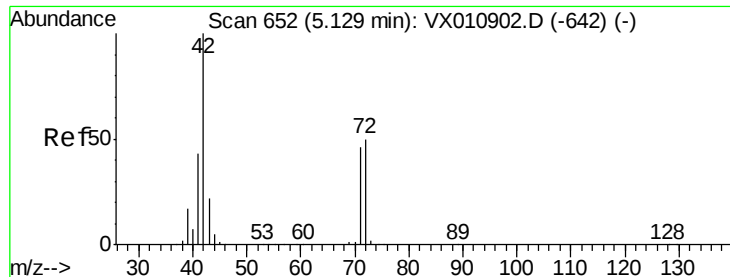
Bromochloromethane
Concen: 20.102 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX011256.D
Acq: 31 Jul 2019 20:23

Tgt Ion: 49 Resp: 27779
Ion Ratio Lower Upper
49 100
129 2.8 0.0 5.2
130 94.4 76.9 115.3



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 101.151 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX011256.D

Acq: 31 Jul 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD01

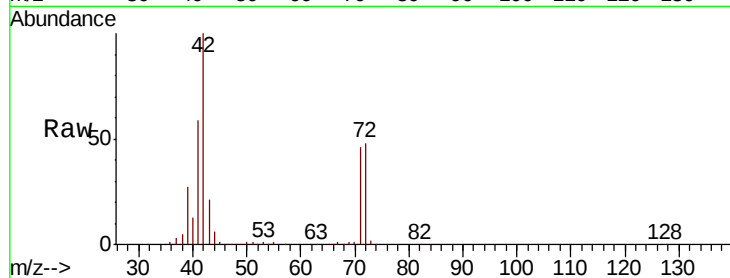
Tot Ion: 42 Resp: 81780

Ion Ratio Lower Upper

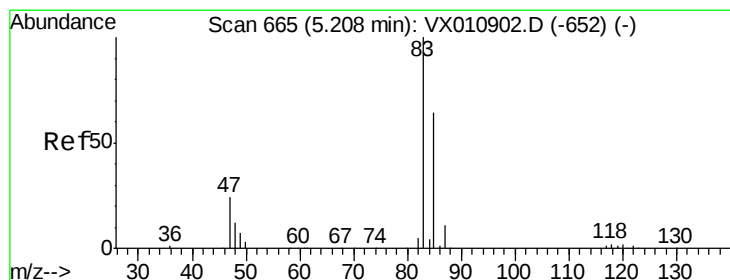
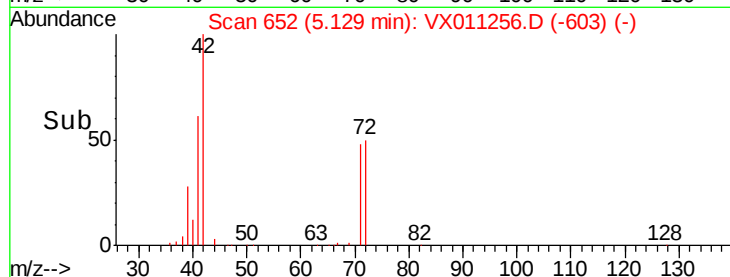
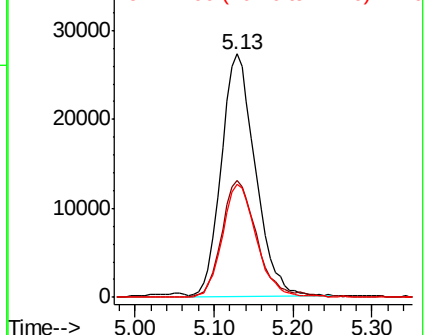
42 100

72 49.8 39.8 59.8

71 46.8 37.0 55.4



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.835 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX011256.D

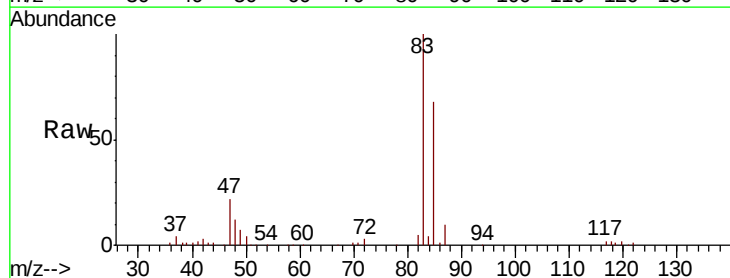
Acq: 31 Jul 2019 20:23

Tgt Ion: 83 Resp: 62872

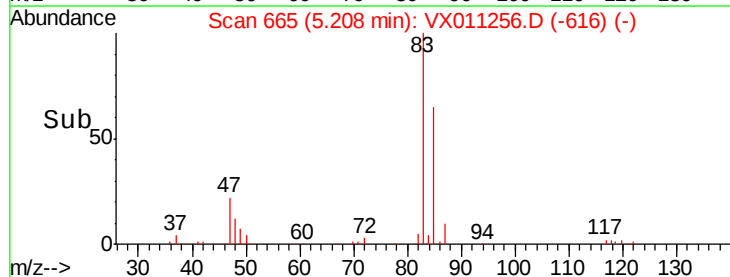
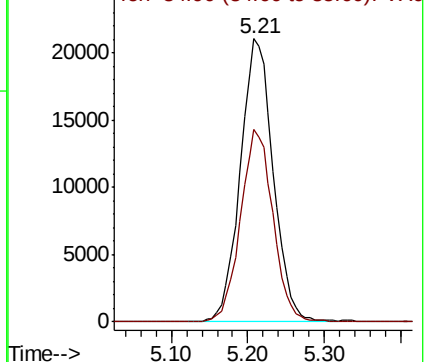
Ion Ratio Lower Upper

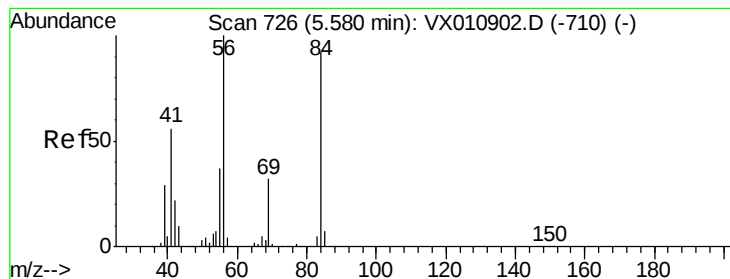
83 100

85 68.2 51.4 77.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 17.670 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX011256.D

Acq: 31 Jul 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD01

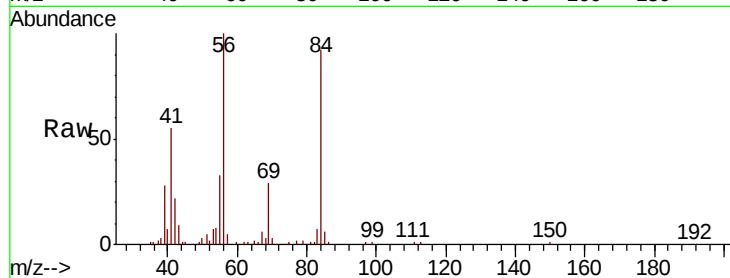
Tot Ion: 56 Resp: 47231

Ion Ratio Lower Upper

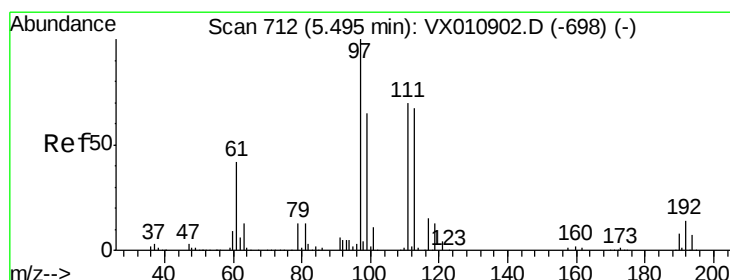
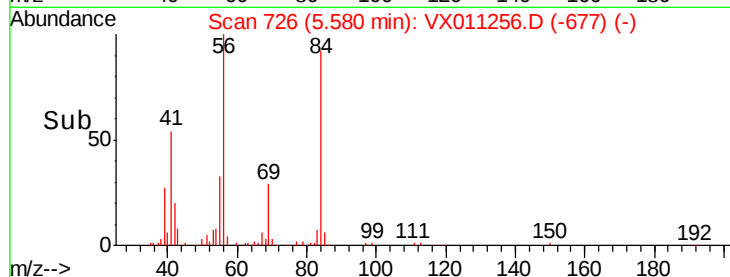
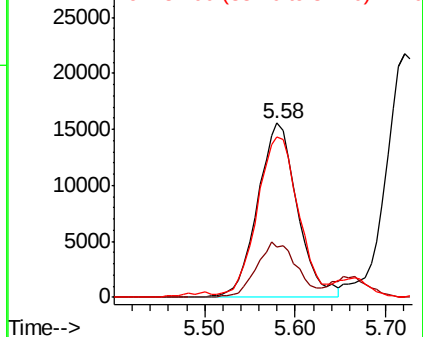
56 100

69 28.8 25.8 38.8

84 89.9 73.8 110.6



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: 19.523 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX011256.D

Acq: 31 Jul 2019 20:23

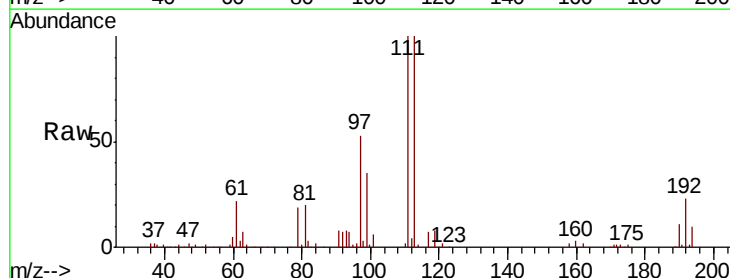
Tgt Ion: 97 Resp: 53538

Ion Ratio Lower Upper

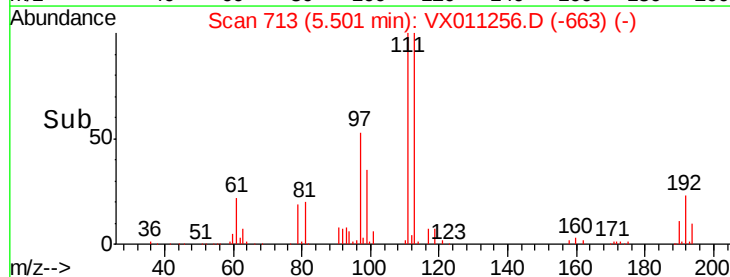
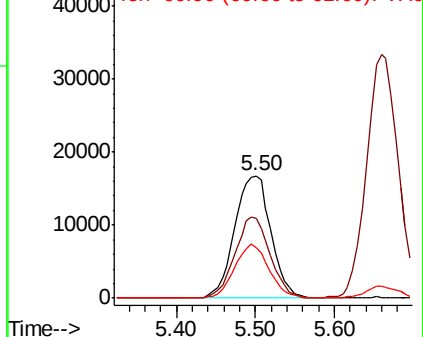
97 100

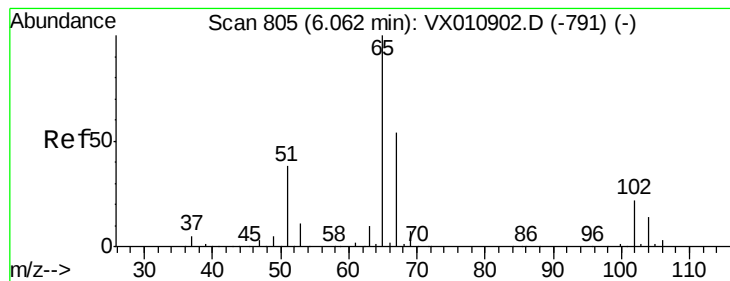
99 64.0 51.4 77.0

61 42.0 33.0 49.6



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: 51.553 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX011256.D

Acq: 31 Jul 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

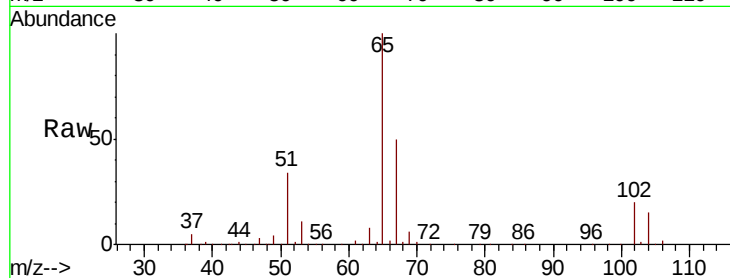
VX0731WBSD01

Tot Ion: 65 Resp: 101491

Ion Ratio Lower Upper

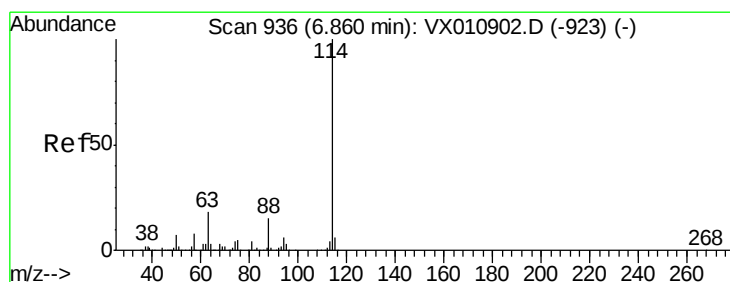
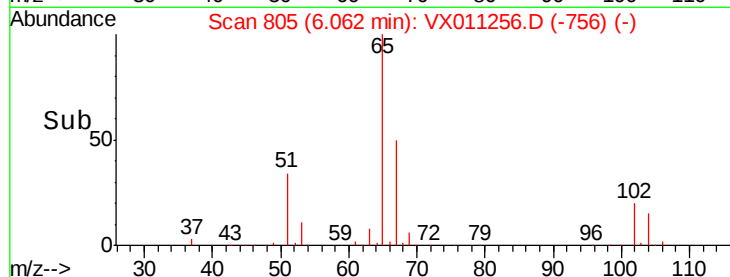
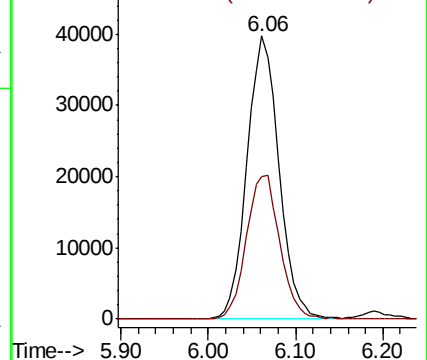
65 100

67 52.8 0.0 107.8



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: VX011256.D

Acq: 31 Jul 2019 20:23

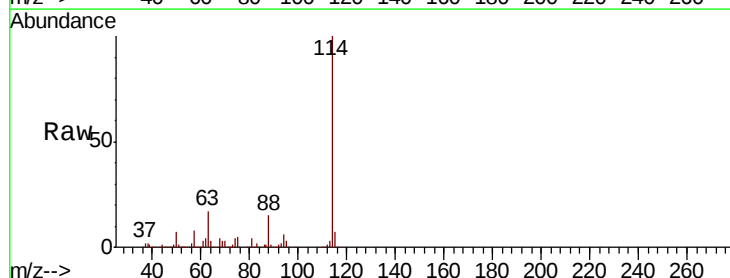
Tgt Ion: 114 Resp: 273140

Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.6

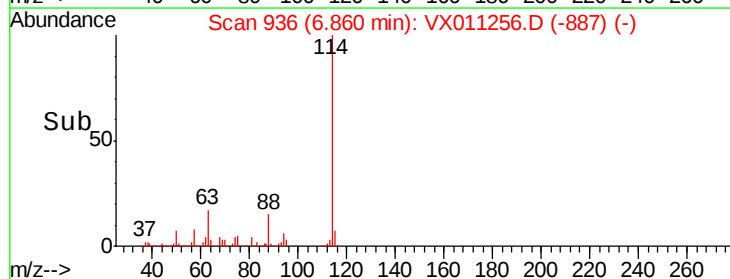
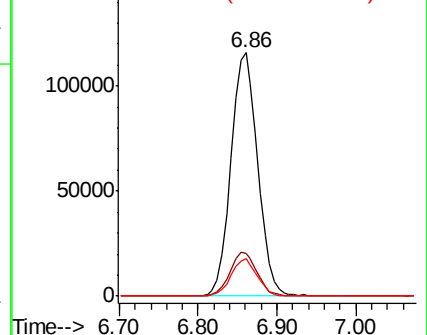
88 15.3 0.0 29.8

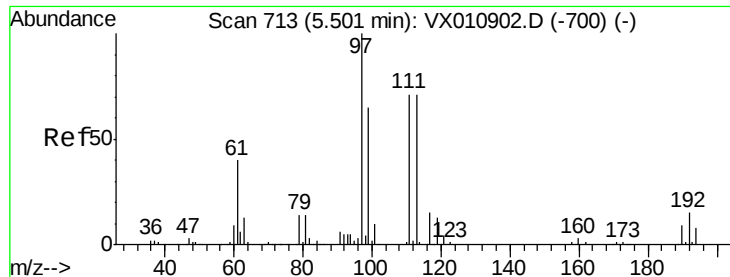


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

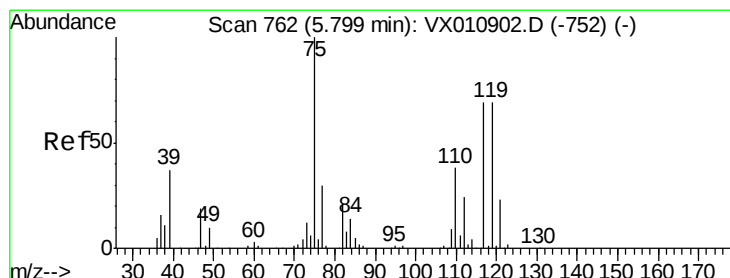
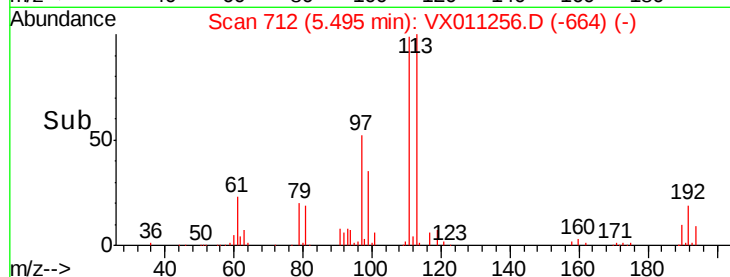
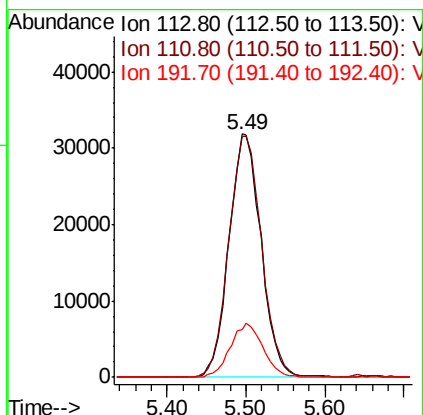
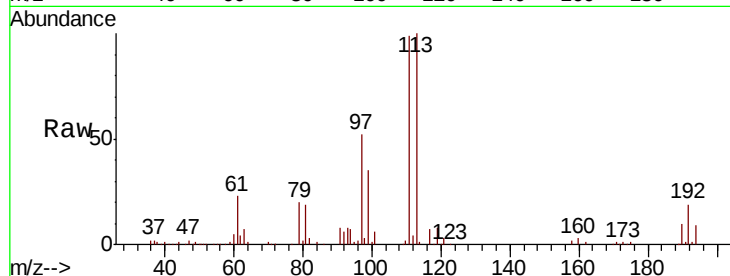




#35
 Dibromofluoromethane
 Concen: 51.910 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX011256.D
 Acq: 31 Jul 2019 20:23

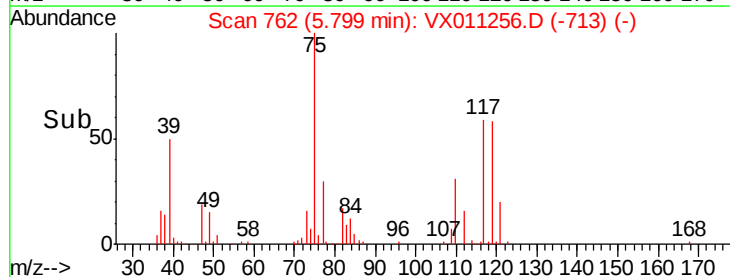
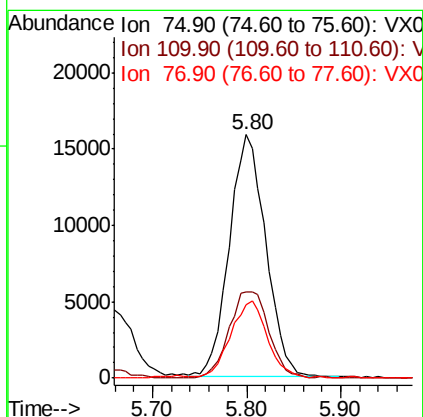
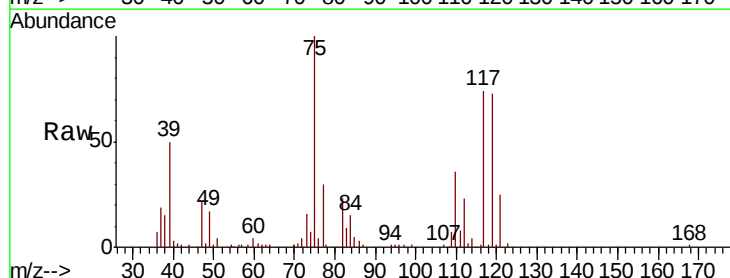
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBSD01

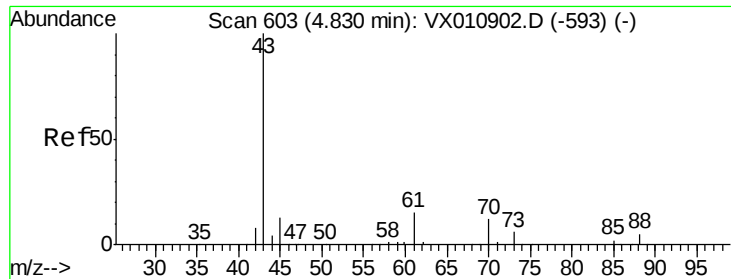
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.3	123.5
192	22.6	17.4	26.2



#36
 1,1-Dichloropropene
 Concen: 19.093 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX011256.D
 Acq: 31 Jul 2019 20:23

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.6	19.9	59.7
77	32.3	25.0	37.4





#37

Ethyl Acetate

Concen: 20.353 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX011256.D

Acq: 31 Jul 2019 20:23

Instrument :

MSVOA_X

ClientSampleID :

VX0731WBSD01

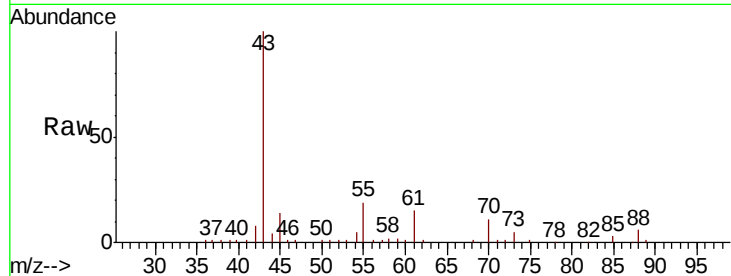
Tot Ion: 43 Resp: 46759

Ion Ratio Lower Upper

43 100

61 15.7 11.6 17.4

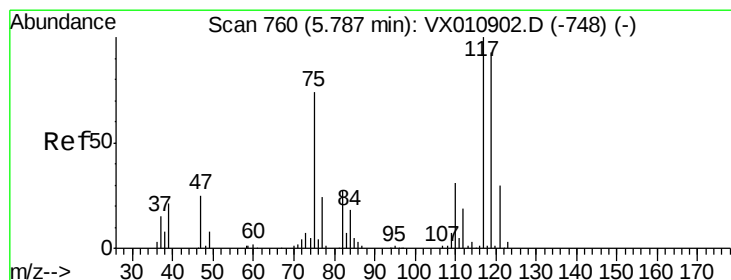
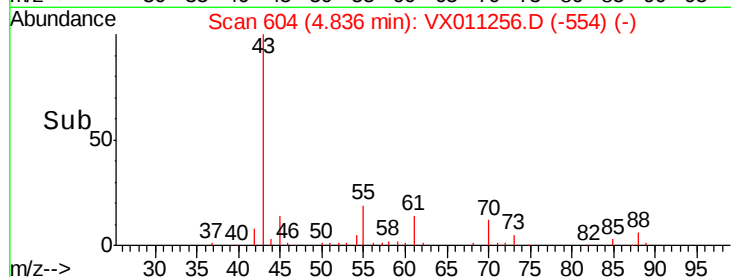
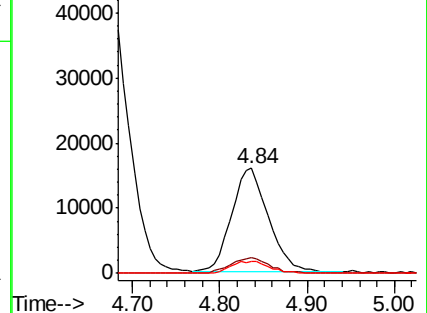
70 12.4 9.1 13.7



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: 19.413 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX011256.D

Acq: 31 Jul 2019 20:23

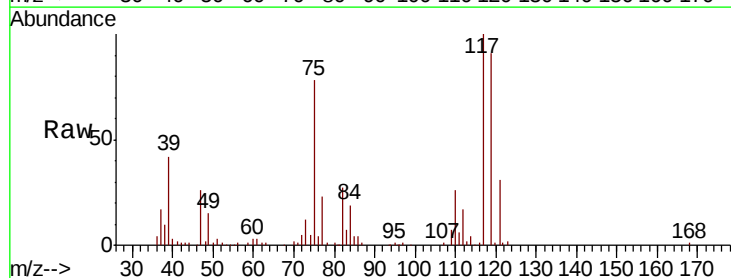
Tgt Ion: 117 Resp: 45385

Ion Ratio Lower Upper

117 100

119 90.6 74.2 111.2

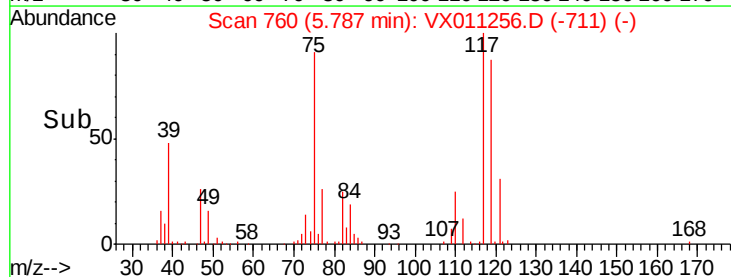
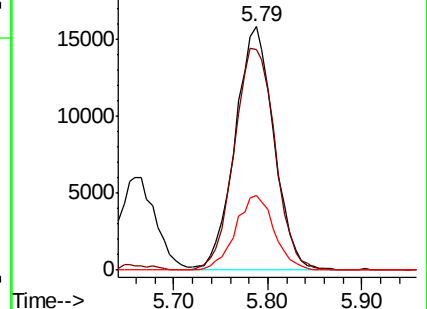
121 30.6 24.2 36.2

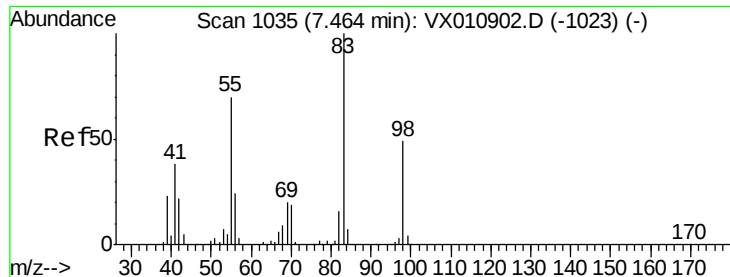


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

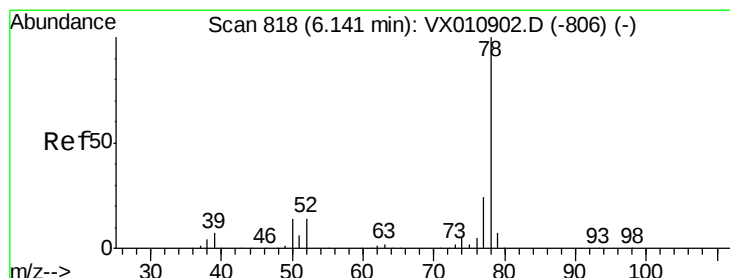
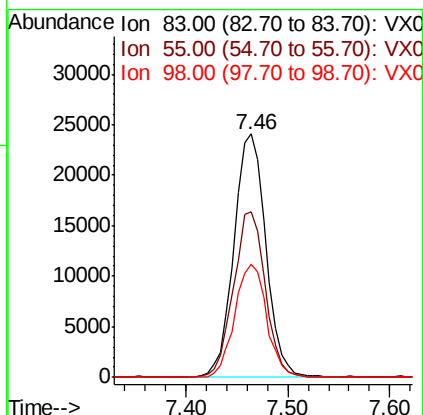
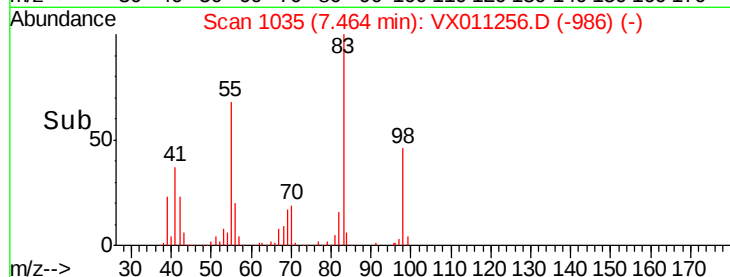
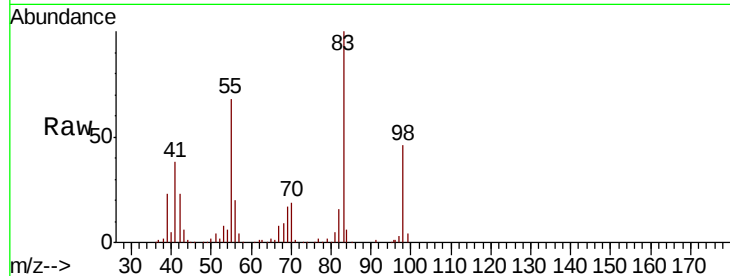




#39
Methvlcvclohexane
Concen: 17.940 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX011256.D
Acq: 31 Jul 2019 20:23

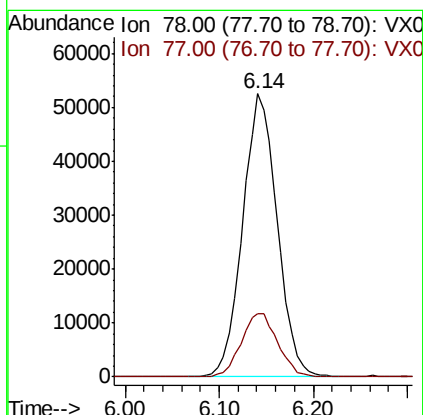
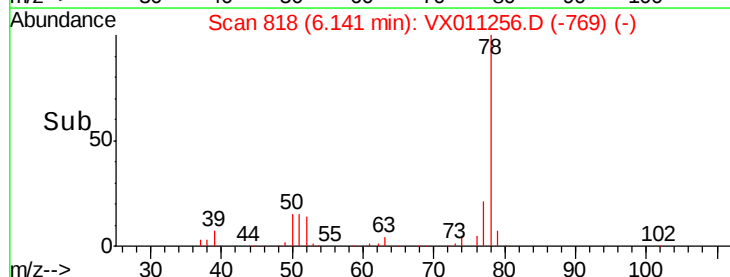
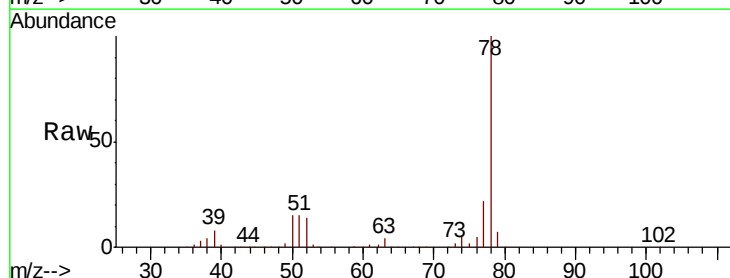
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

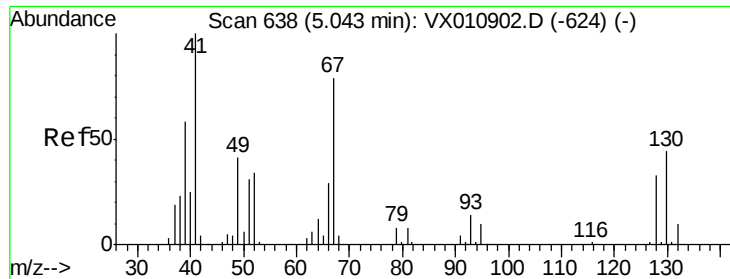
Tot Ion: 83 Resp: 52198
Ion Ratio Lower Upper
83 100
55 67.8 56.2 84.4
98 46.4 39.0 58.4



#40
Benzene
Concen: 19.598 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX011256.D
Acq: 31 Jul 2019 20:23

Tgt Ion: 78 Resp: 134690
Ion Ratio Lower Upper
78 100
77 22.3 19.0 28.6





#41

Methacrylonitrile

Concen: 20.833 ug/l

RT: 5.05 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX011256.D

Acq: 31 Jul 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD01

Tot Ion: 41 Resp: 27170

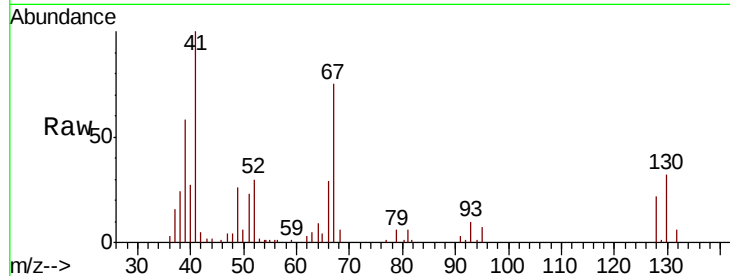
Ion Ratio Lower Upper

41 100

39 54.7 45.4 68.2

67 76.9 65.9 98.9

52 33.4 26.2 39.2

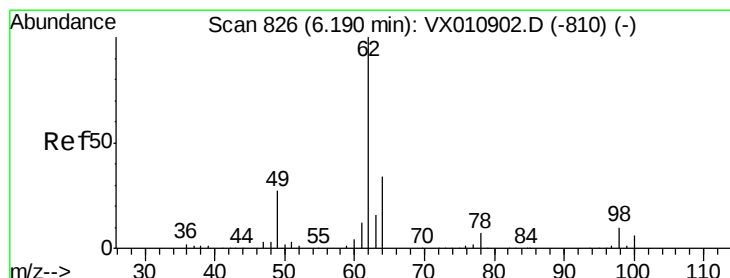
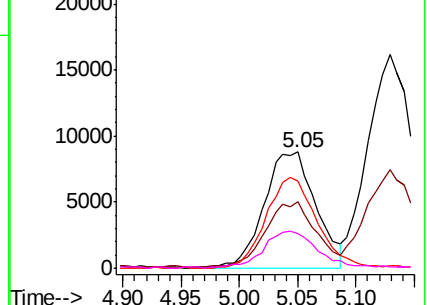
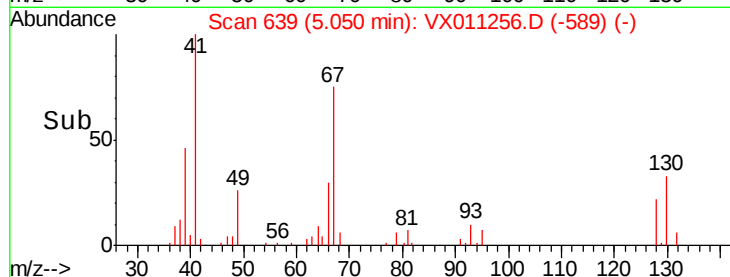


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 20.756 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX011256.D

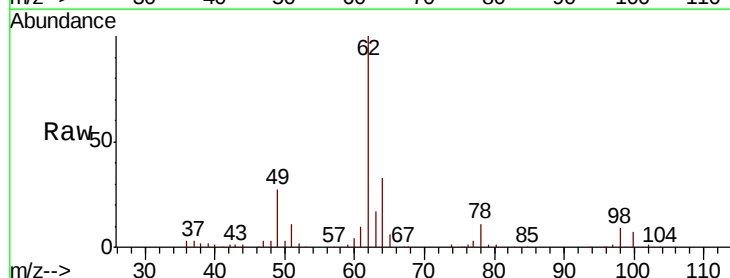
Acq: 31 Jul 2019 20:23

Tgt Ion: 62 Resp: 49597

Ion Ratio Lower Upper

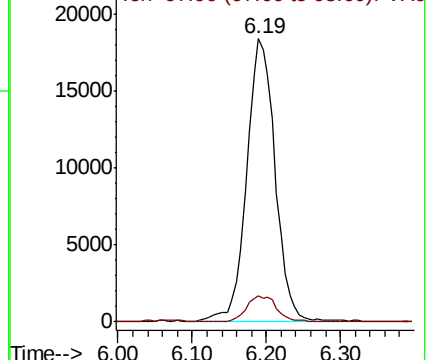
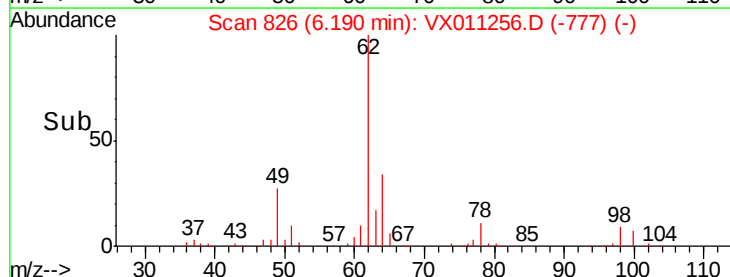
62 100

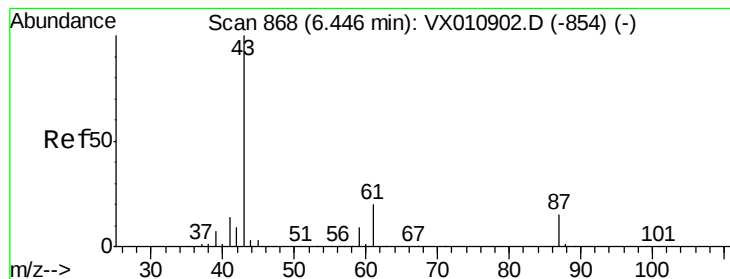
98 9.5 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.238 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX011256.D

Acq: 31 Jul 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD01

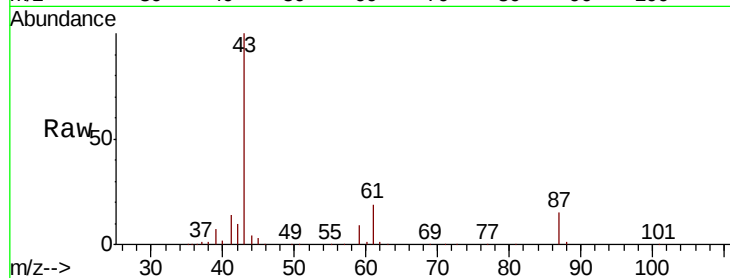
Tot Ion: 43 Resp: 76450

Ion Ratio Lower Upper

43 100

61 20.7 17.1 25.7

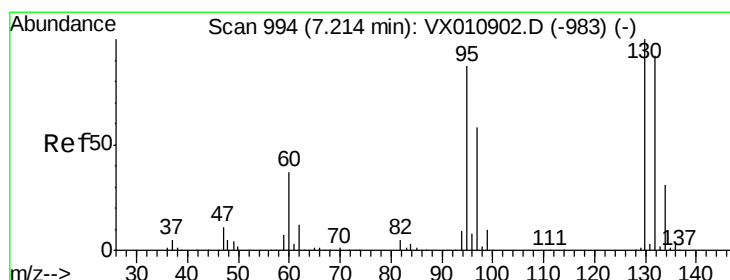
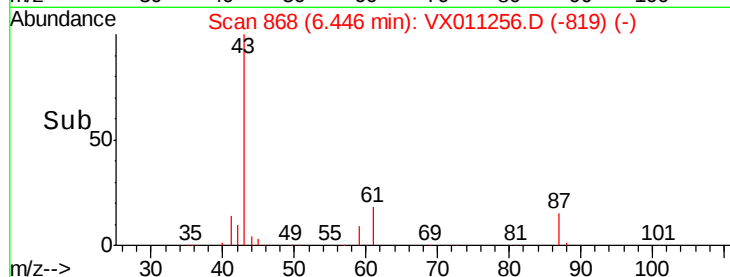
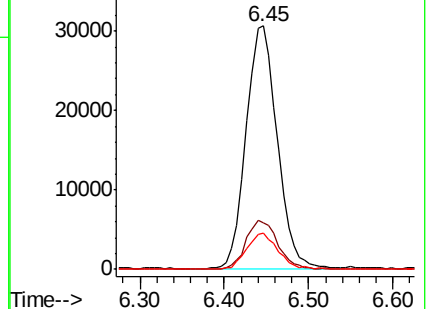
87 15.1 12.0 18.0



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: 18.854 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX011256.D

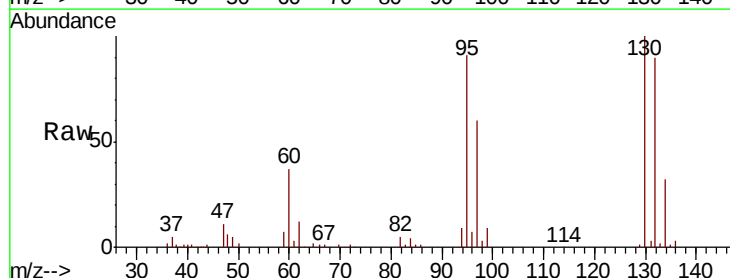
Acq: 31 Jul 2019 20:23

Tgt Ion:130 Resp: 38354

Ion Ratio Lower Upper

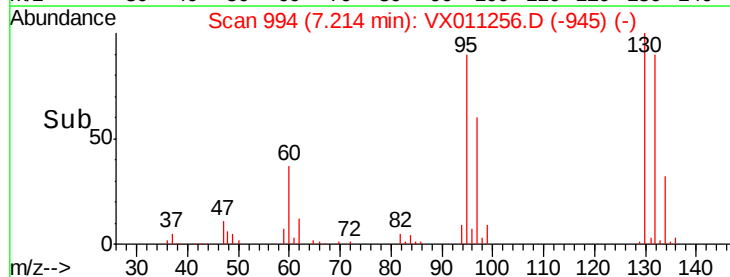
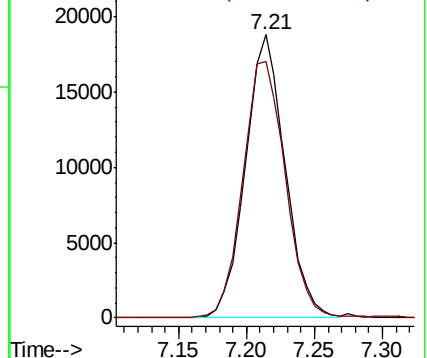
130 100

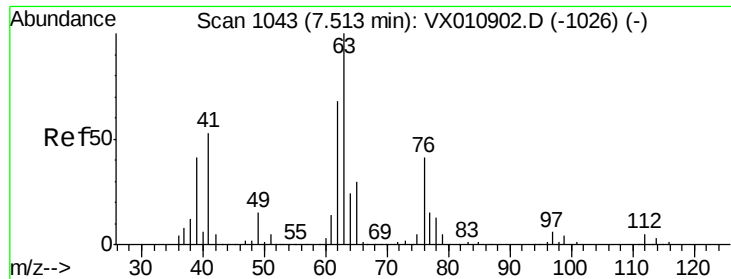
95 90.7 0.0 174.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

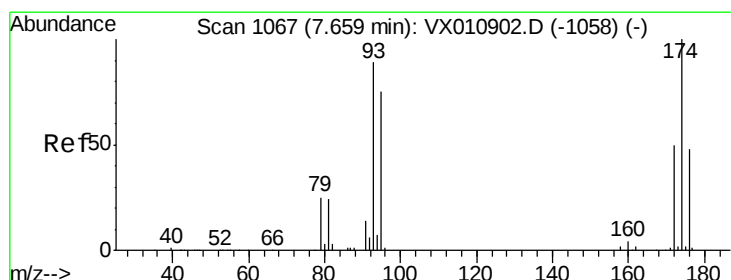
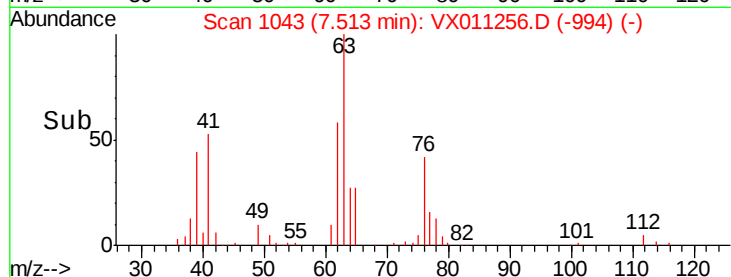
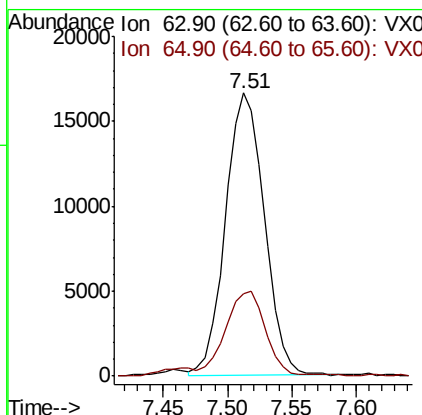
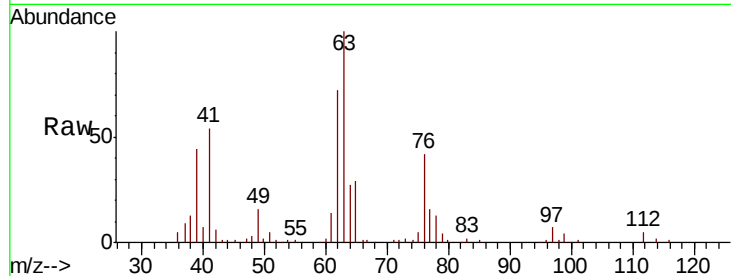




#45
 1,2-Dichloropropane
 Concen: 19.976 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX011256.D
 Acq: 31 Jul 2019 20:23

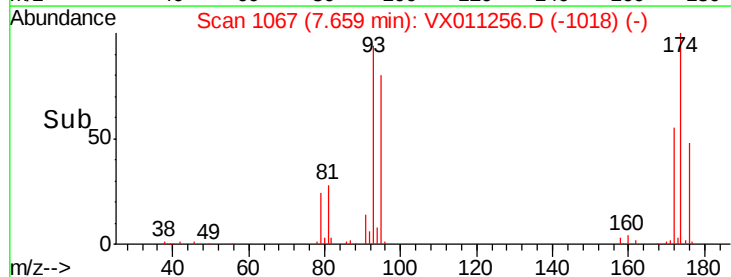
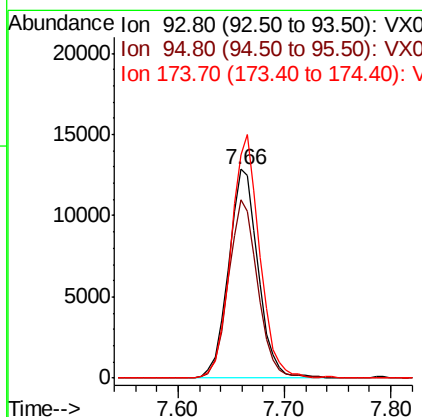
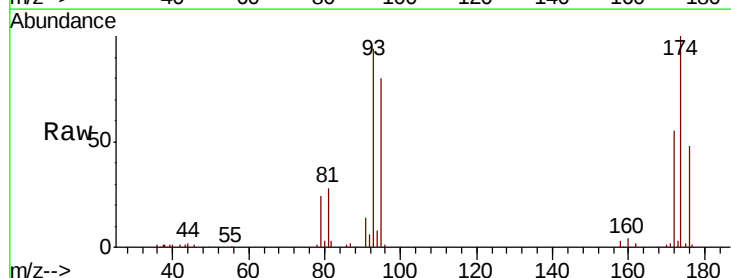
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBSD01

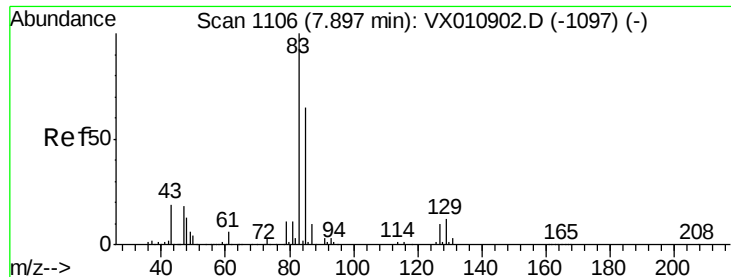
Tot Ion: 63 Resp: 34942
 Ion Ratio Lower Upper
 63 100
 65 28.9 24.4 36.6



#46
 Dibromomethane
 Concen: 20.044 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX011256.D
 Acq: 31 Jul 2019 20:23

Tgt Ion: 93 Resp: 25053
 Ion Ratio Lower Upper
 93 100
 95 84.1 67.2 100.8
 174 112.9 90.6 135.8





#47

Bromodichloromethane

Concen: 20.110 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX011256.D

Acq: 31 Jul 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD01

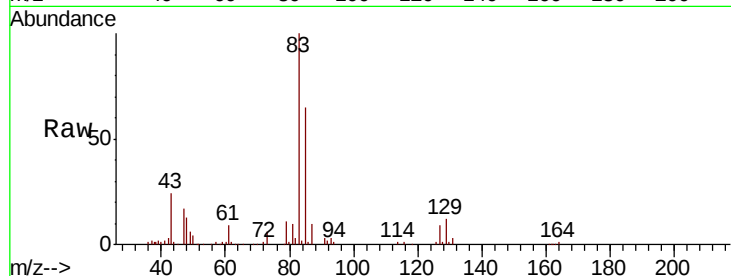
Tot Ion: 83 Resp: 44744

Ion Ratio Lower Upper

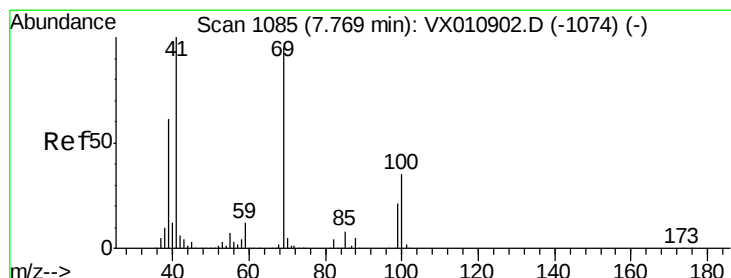
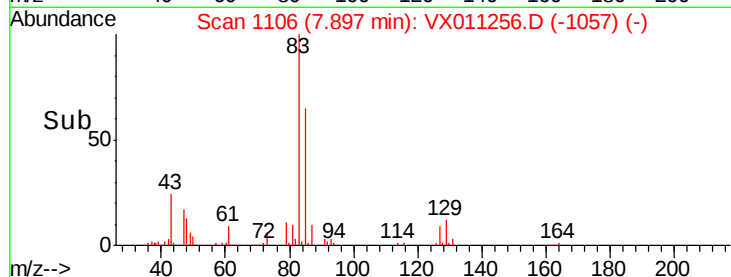
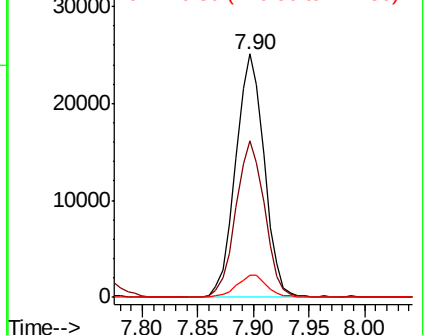
83 100

85 64.5 52.5 78.7

127 8.9 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: 19.929 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX011256.D

Acq: 31 Jul 2019 20:23

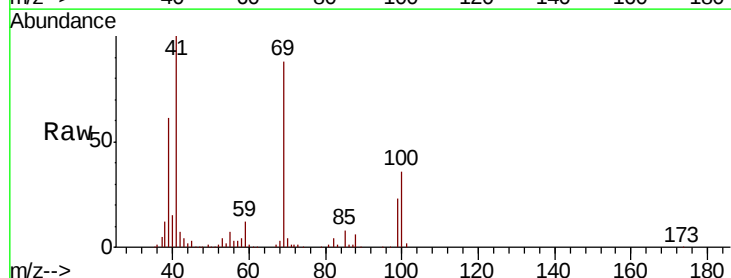
Tgt Ion: 41 Resp: 36675

Ion Ratio Lower Upper

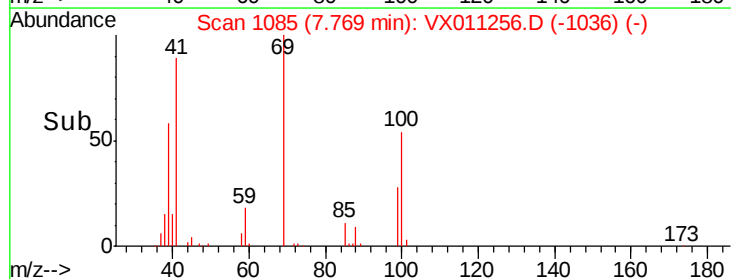
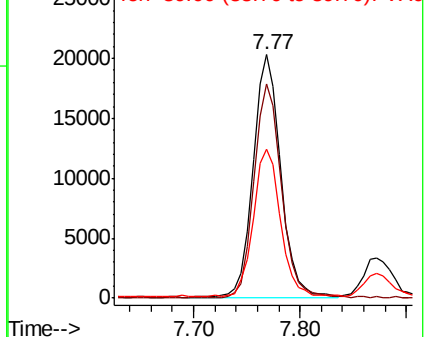
41 100

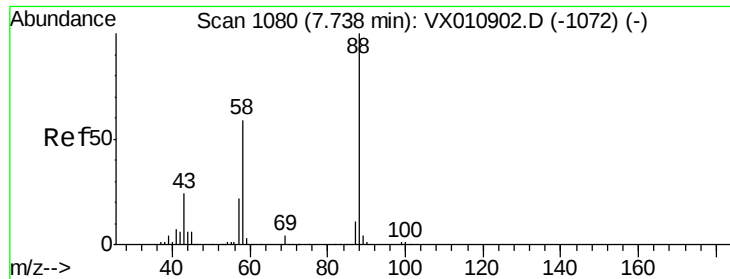
69 88.5 74.4 111.6

39 60.4 48.9 73.3



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

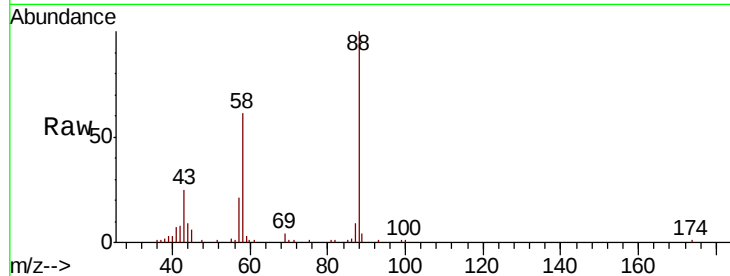




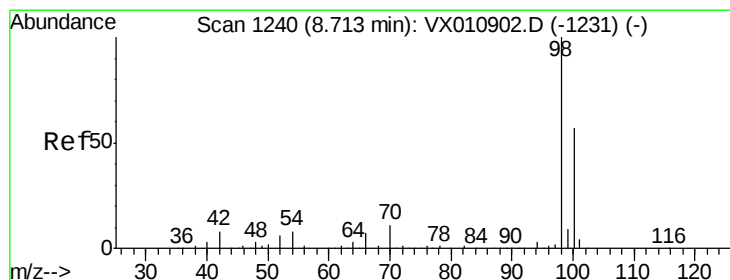
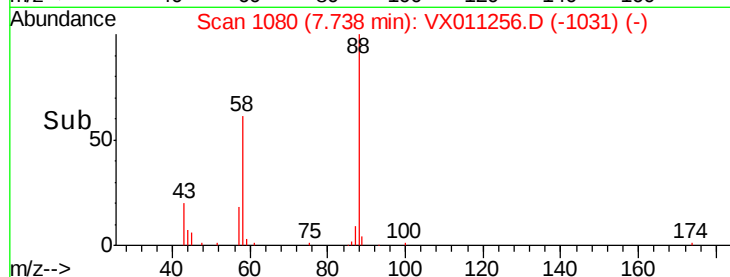
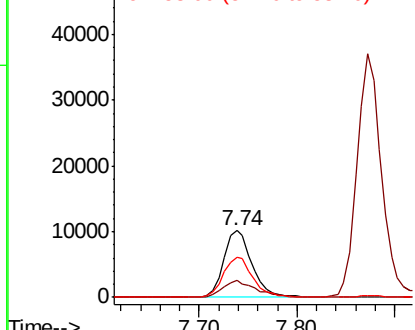
#49
 1,4-Dioxane
 Concen: 395.426 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: VX011256.D
 Acq: 31 Jul 2019 20:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBSD01

Tot Ion: 88 Resp: 20355
 Ion Ratio Lower Upper
 88 100
 43 29.9 22.9 34.3
 58 62.6 49.8 74.8

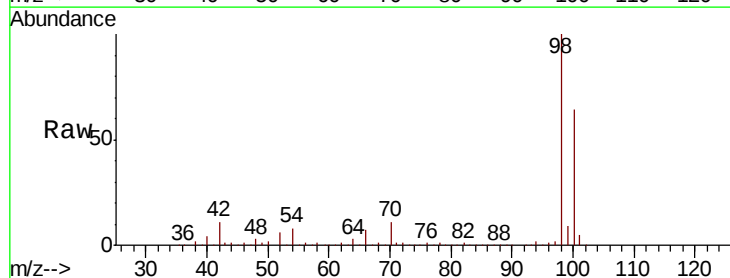


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

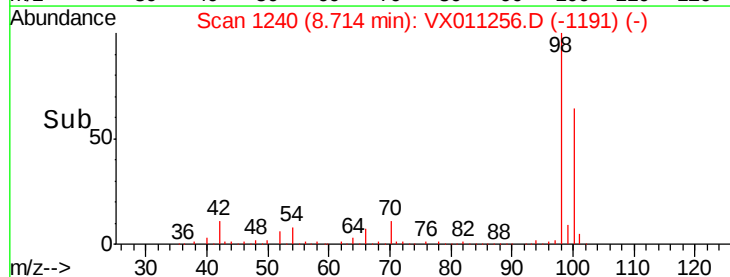
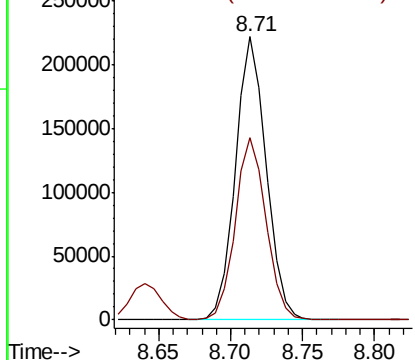


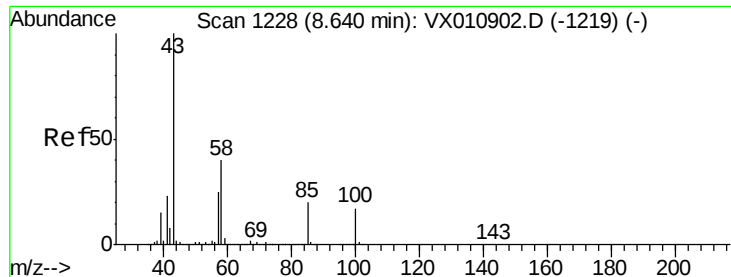
#50
 Toluene-d8
 Concen: 50.590 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX011256.D
 Acq: 31 Jul 2019 20:23

Tgt Ion: 98 Resp: 328954
 Ion Ratio Lower Upper
 98 100
 100 64.4 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 106.197 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX011256.D

Acq: 31 Jul 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

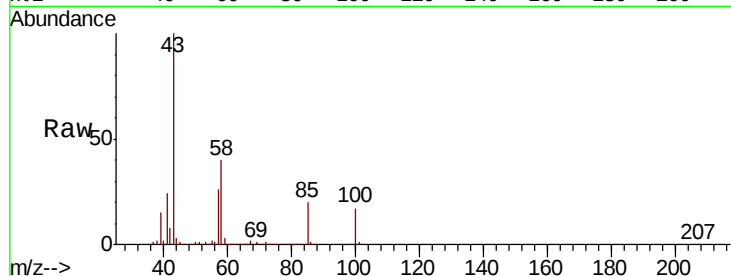
VX0731WBSD01

Tot Ion: 43 Resp: 260052

Ion Ratio Lower Upper

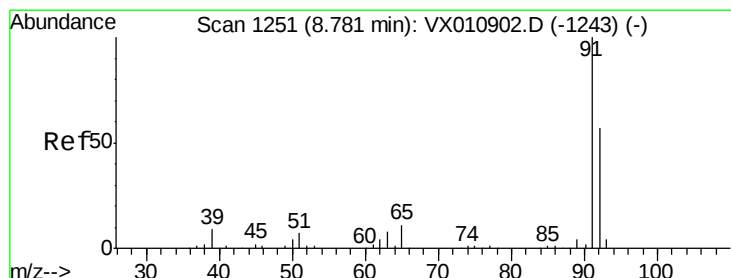
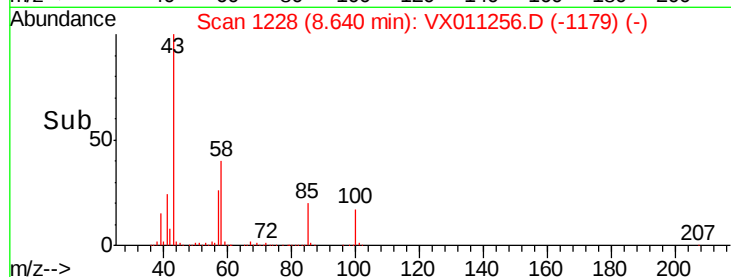
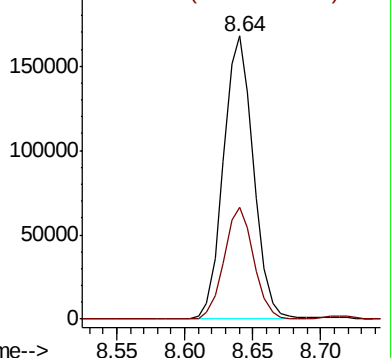
43 100

58 39.1 32.2 48.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.432 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011256.D

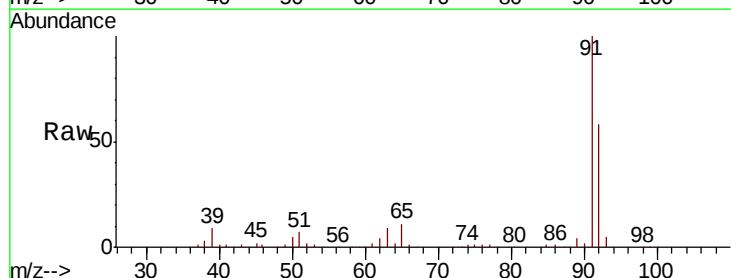
Acq: 31 Jul 2019 20:23

Tgt Ion: 92 Resp: 87731

Ion Ratio Lower Upper

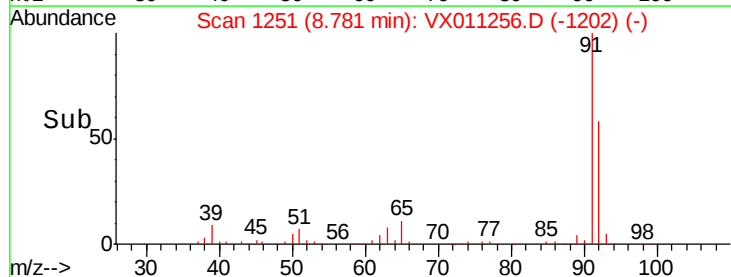
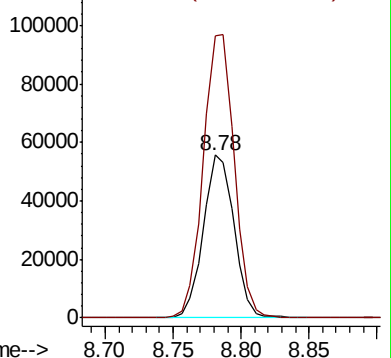
92 100

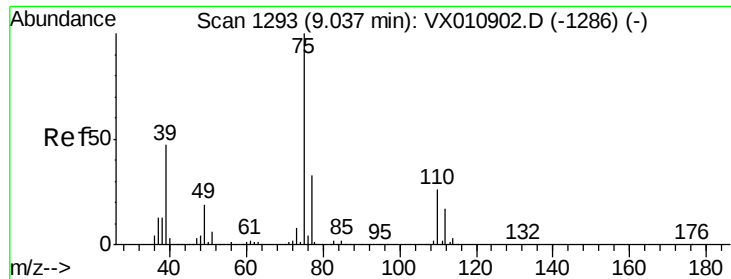
91 175.7 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 18.798 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX011256.D

Acq: 31 Jul 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

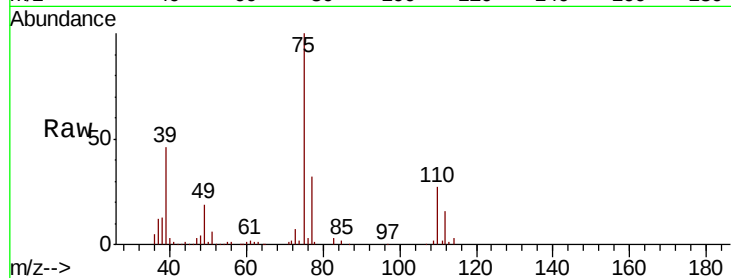
VX0731WBSD01

Tot Ion: 75 Resp: 44972

Ion Ratio Lower Upper

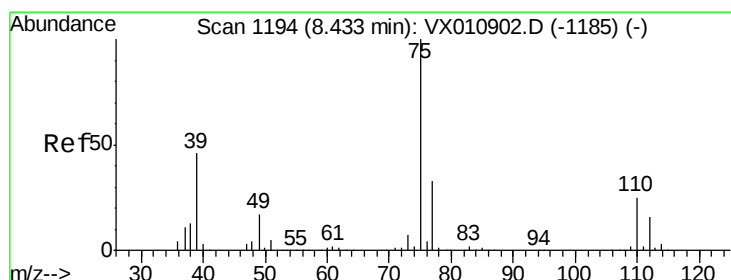
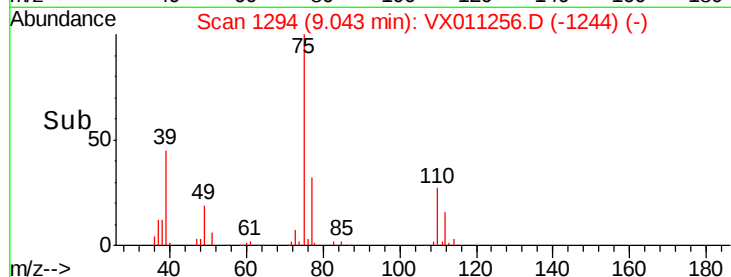
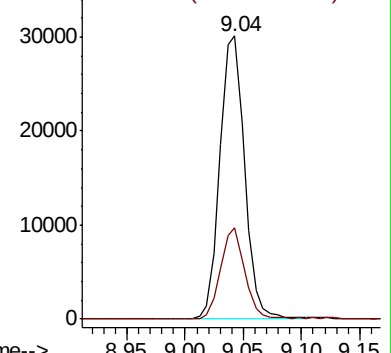
75 100

77 32.1 26.2 39.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.096 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX011256.D

Acq: 31 Jul 2019 20:23

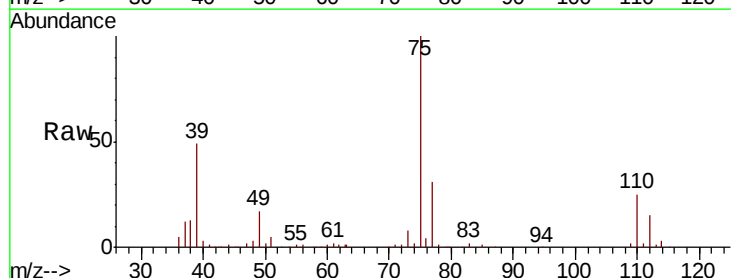
Tgt Ion: 75 Resp: 50837

Ion Ratio Lower Upper

75 100

77 31.3 26.1 39.1

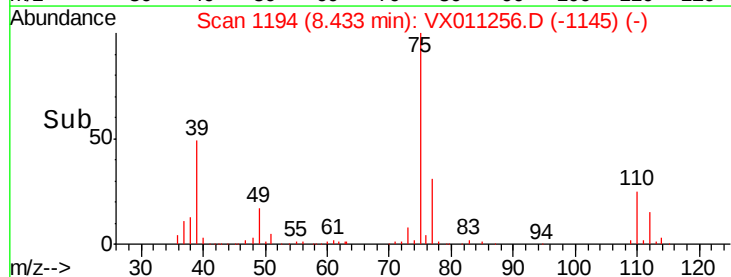
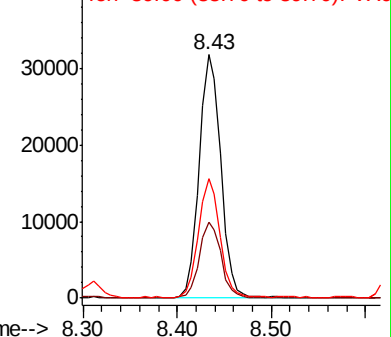
39 48.7 36.6 54.8

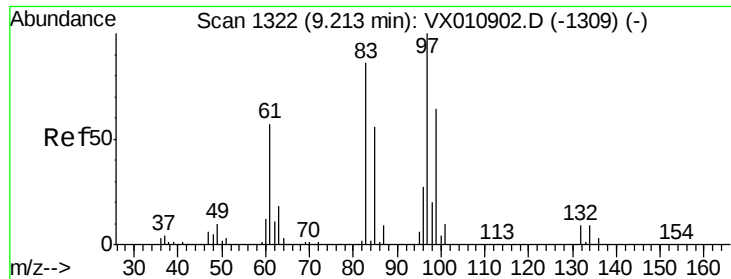


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 20.172 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX011256.D

Acq: 31 Jul 2019 20:23

Instrument :

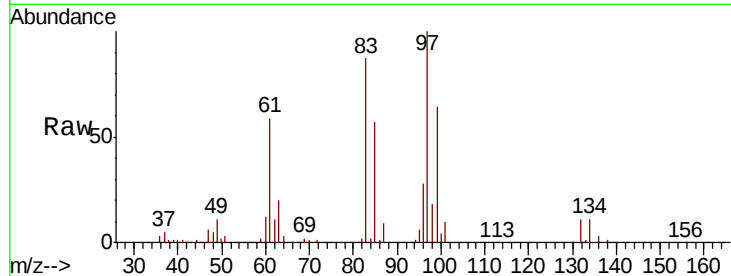
MSVOA_X

ClientSampleId :

VX0731WBSD01

Tot Ion: 97 Resp: 37498

Ion	Ratio	Lower	Upper
97	100		
83	86.7	69.2	103.8
85	56.9	44.6	66.8
99	64.0	51.2	76.8

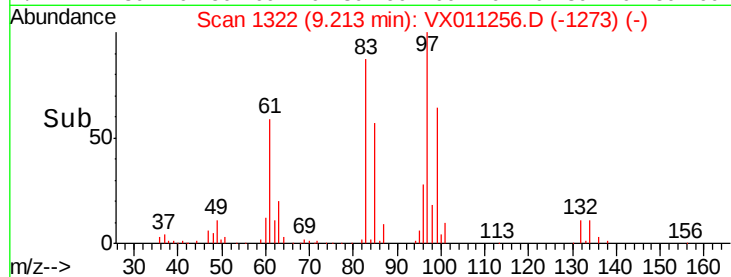


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

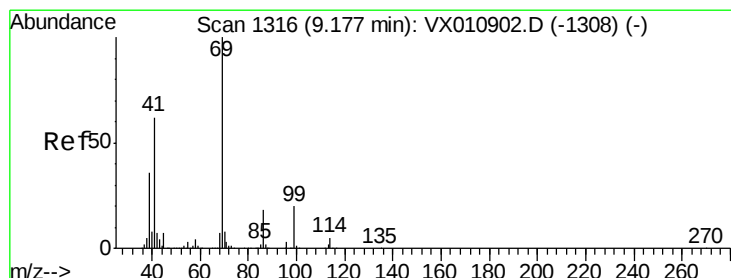


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 20.175 ug/l

RT: 9.18 min Scan# 1316

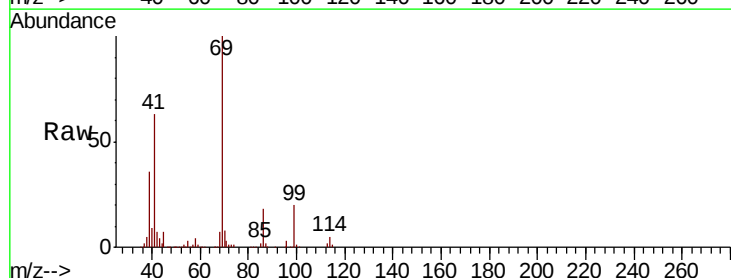
Delta R.T. 0.00 min

Lab File: VX011256.D

Acq: 31 Jul 2019 20:23

Tgt Ion: 69 Resp: 54861

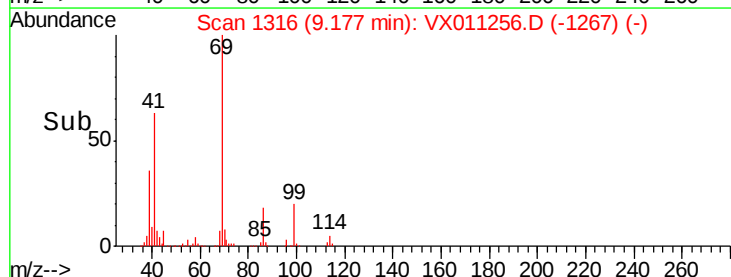
Ion	Ratio	Lower	Upper
69	100		
41	65.1	49.7	74.5
39	37.4	29.6	44.4



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

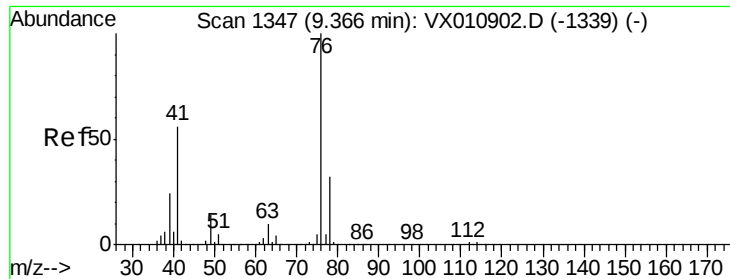
Ion 39.00 (38.70 to 39.70): VX0



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#57

1,3-Dichloropropane

Concen: 20.366 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VX011256.D

Acq: 31 Jul 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

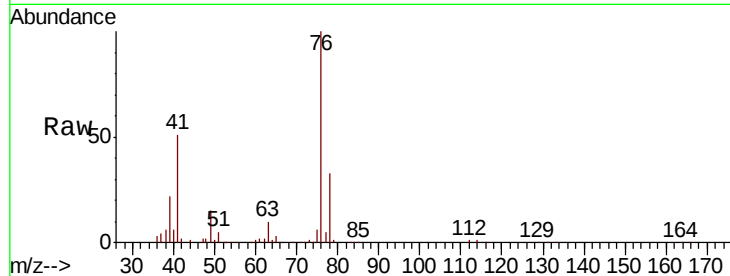
VX0731WBSD01

Tot Ion: 76 Resp: 60058

Ion Ratio Lower Upper

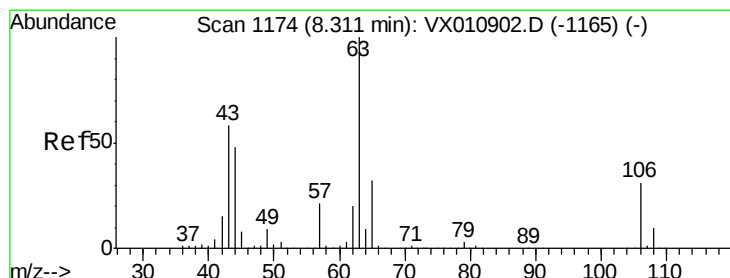
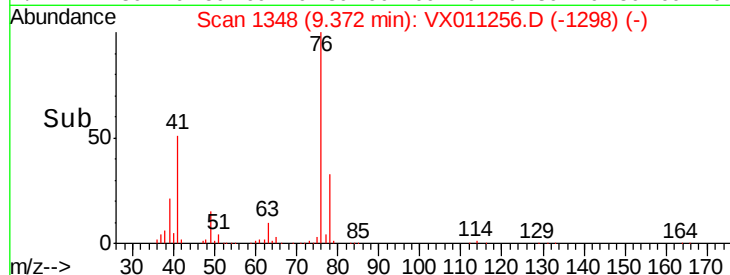
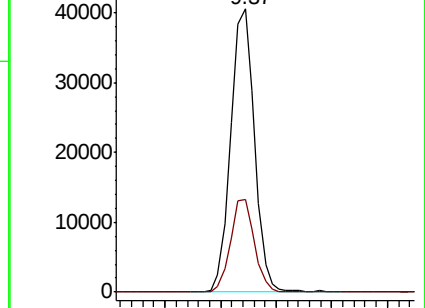
76 100

78 33.2 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 104.586 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX011256.D

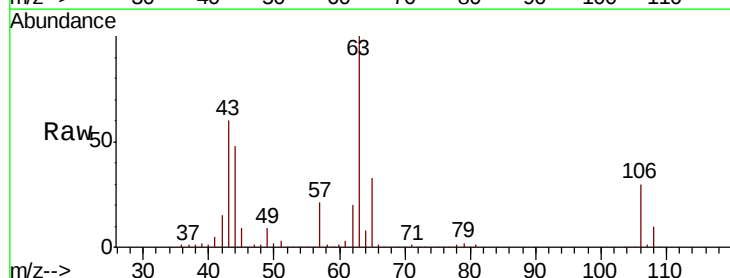
Acq: 31 Jul 2019 20:23

Tgt Ion: 63 Resp: 135757

Ion Ratio Lower Upper

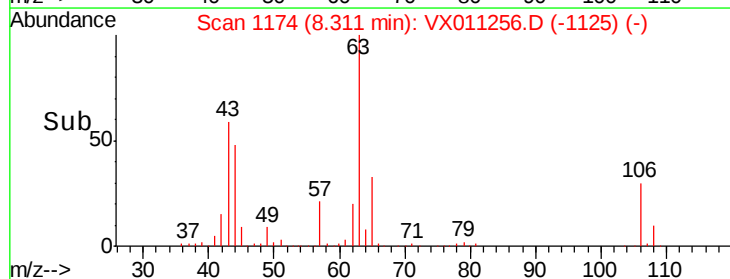
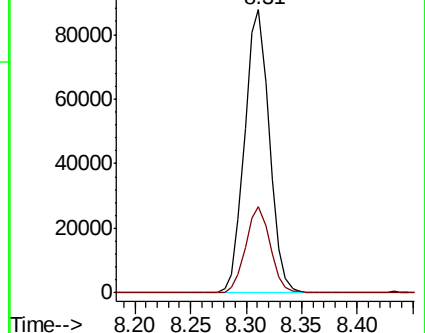
63 100

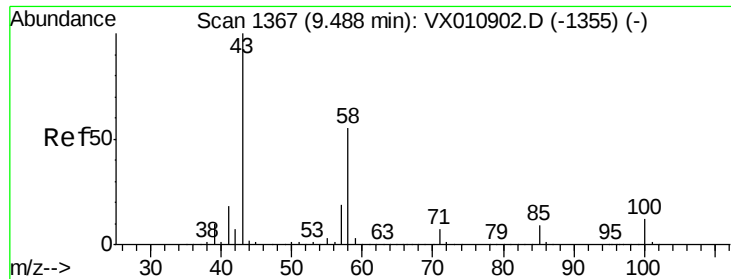
106 30.4 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

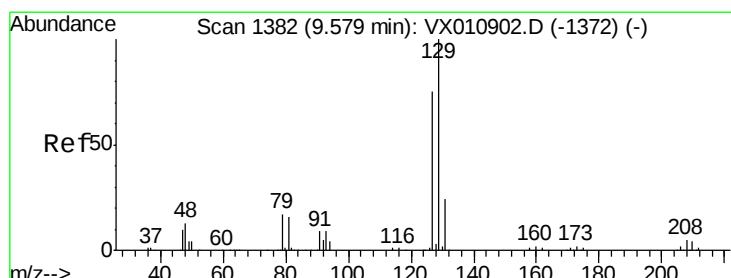
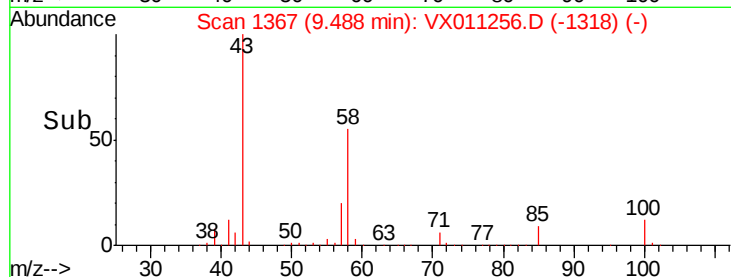
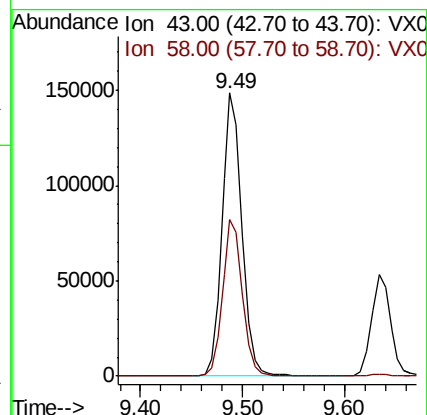
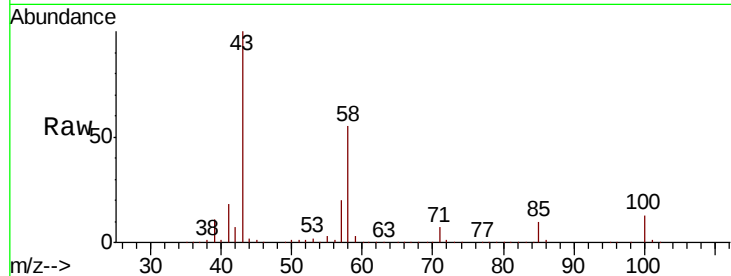




#59
2-Hexanone
Concen: 106.919 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011256.D
Acq: 31 Jul 2019 20:23

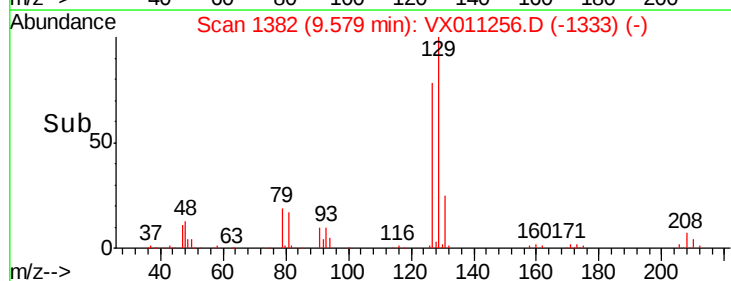
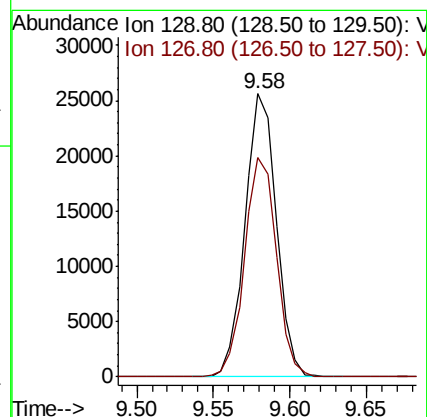
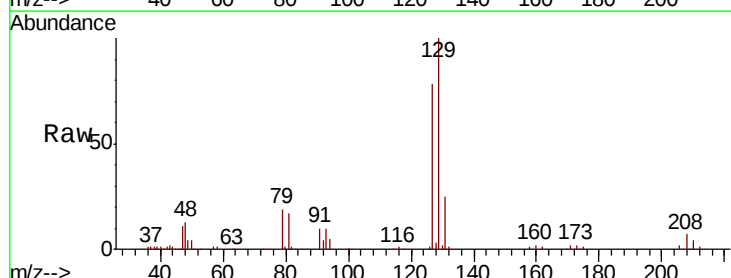
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

Tot Ion: 43 Resp: 203073
Ion Ratio Lower Upper
43 100
58 55.2 28.0 83.9



#60
Dibromochloromethane
Concen: 18.679 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011256.D
Acq: 31 Jul 2019 20:23

Tgt Ion:129 Resp: 36394
Ion Ratio Lower Upper
129 100
127 79.2 38.6 115.8





#61

1,2-Dibromoethane

Concen: 20.377 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011256.D

Acq: 31 Jul 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

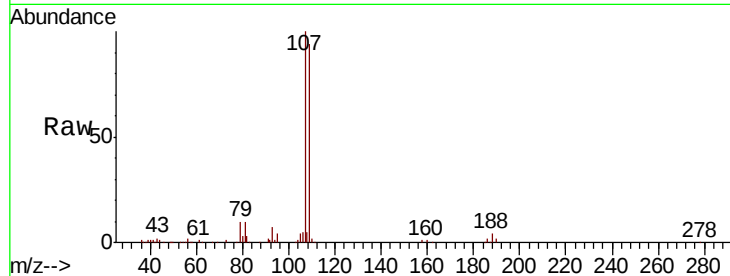
VX0731WBSD01

Tot Ion:107 Resp: 40201

Ion Ratio Lower Upper

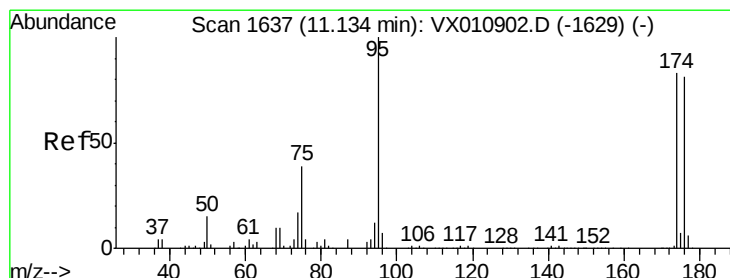
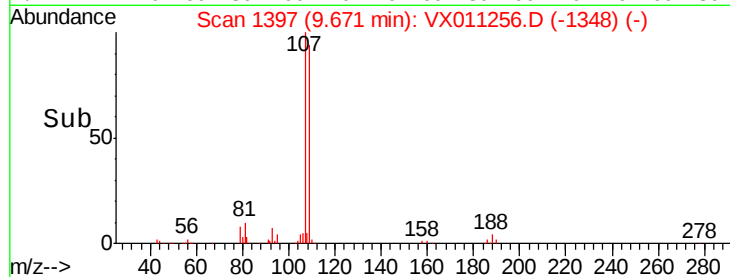
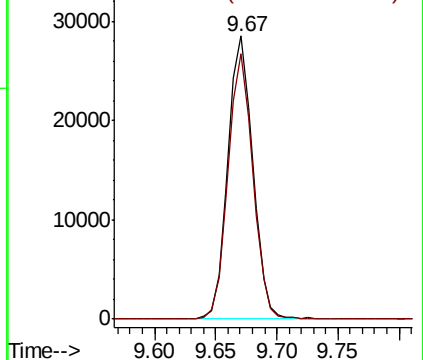
107 100

109 93.3 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.363 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011256.D

Acq: 31 Jul 2019 20:23

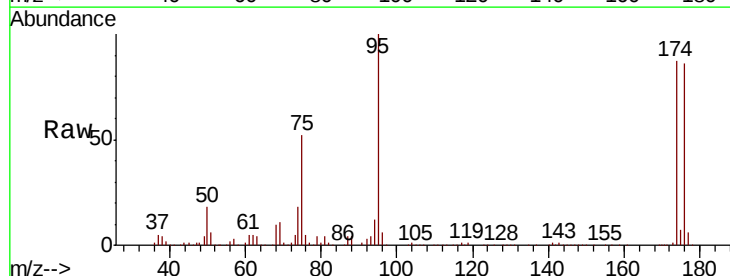
Tgt Ion: 95 Resp: 122763

Ion Ratio Lower Upper

95 100

174 89.9 0.0 180.6

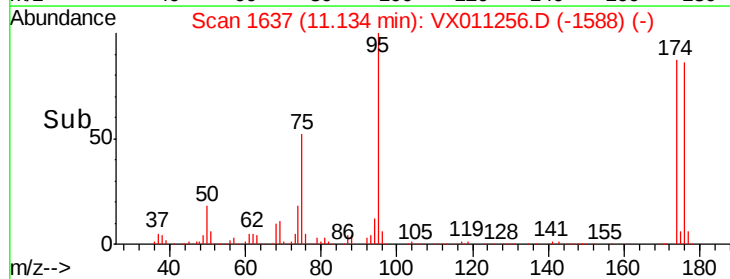
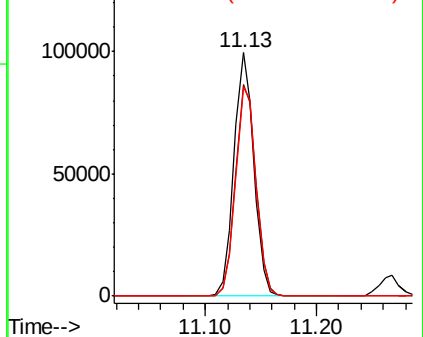
176 88.6 0.0 173.8



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

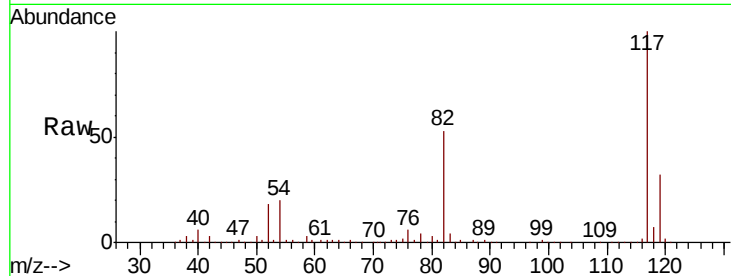




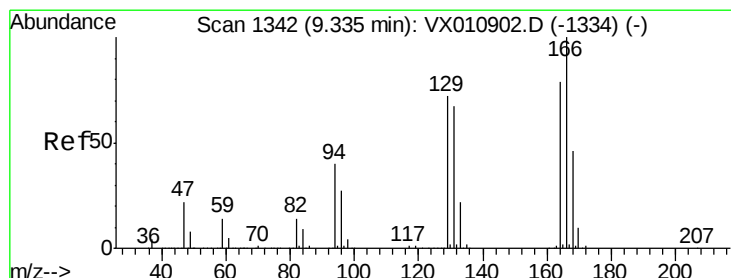
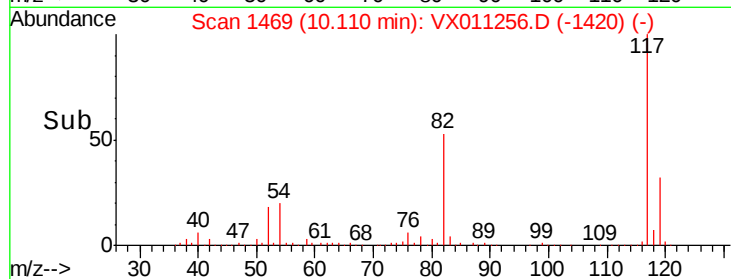
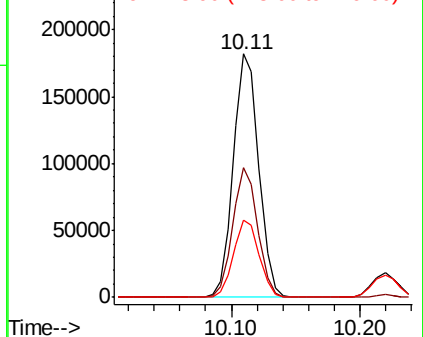
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011256.D
Acq: 31 Jul 2019 20:23

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

Tot Ion:117 Resp: 250654
Ion Ratio Lower Upper
117 100
82 53.2 42.6 63.8
119 31.9 25.9 38.9

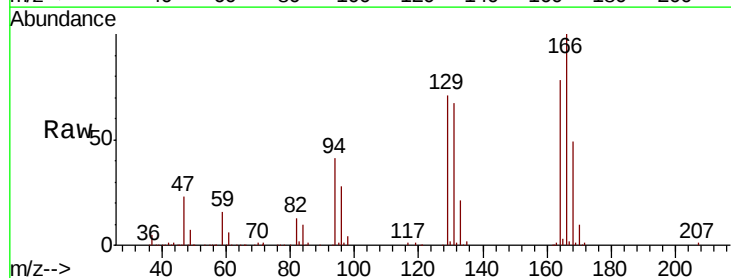


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

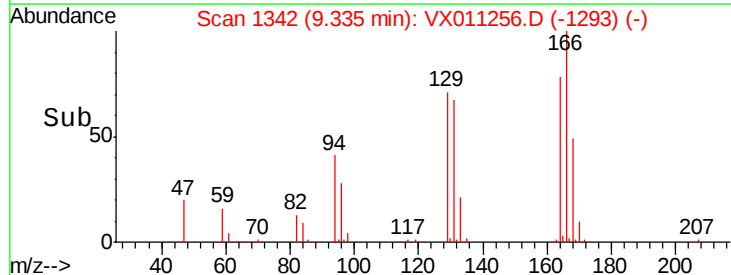
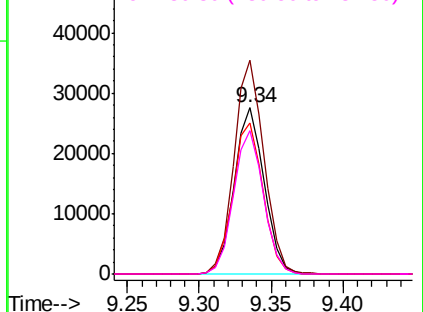


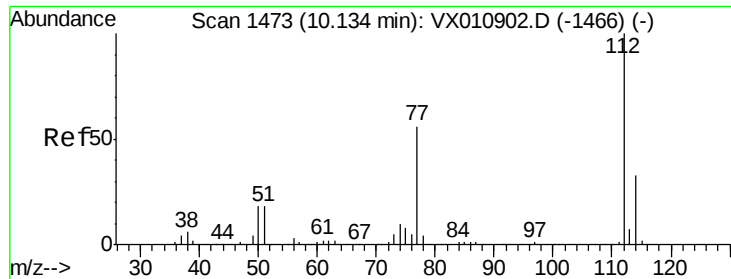
#64
Tetrachloroethene
Concen: 20.295 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011256.D
Acq: 31 Jul 2019 20:23

Tgt Ion:164 Resp: 40018
Ion Ratio Lower Upper
164 100
166 128.4 100.8 151.2
129 91.0 72.6 109.0
131 86.0 67.7 101.5



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

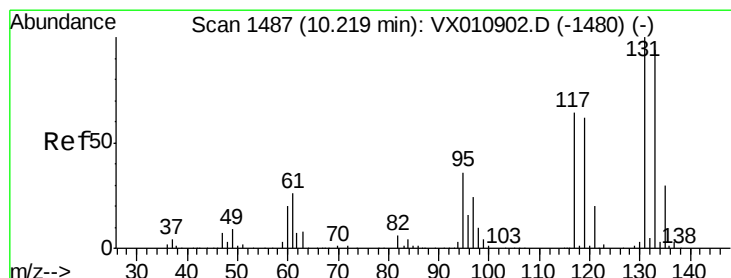
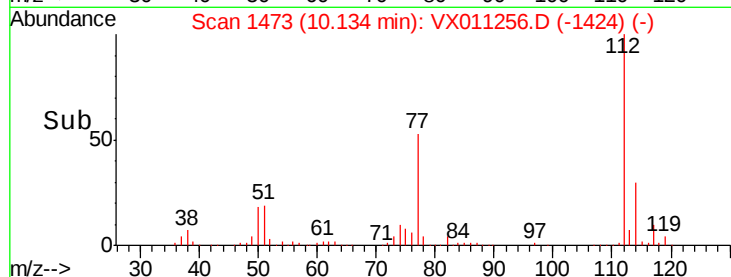
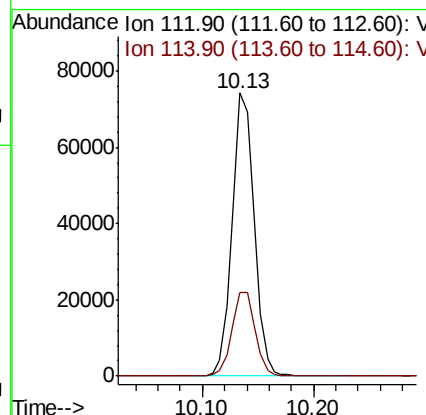
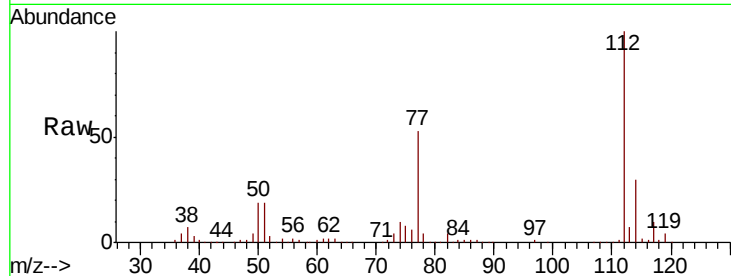




#65
Chlorobenzene
Concen: 19.823 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011256.D
Acq: 31 Jul 2019 20:23

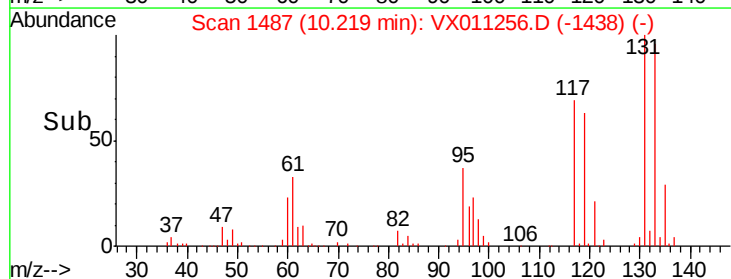
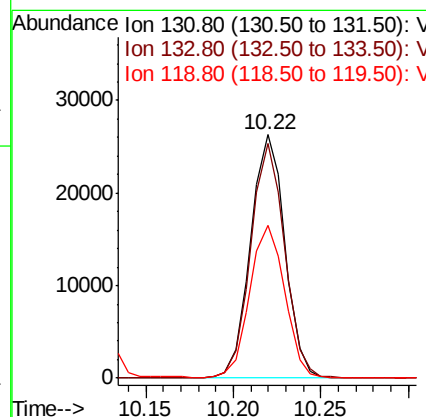
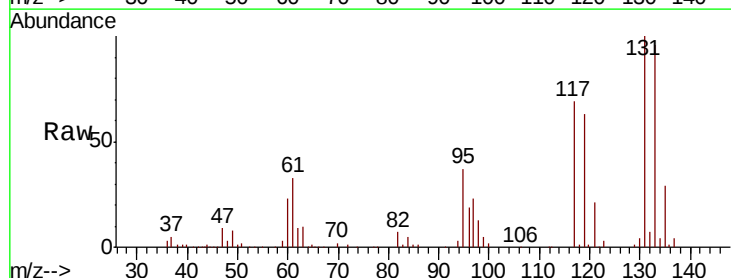
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

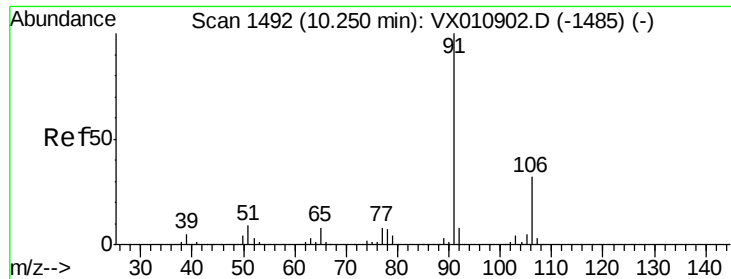
Tot Ion:112 Resp: 102055
Ion Ratio Lower Upper
112 100
114 29.6 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.816 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011256.D
Acq: 31 Jul 2019 20:23

Tgt Ion:131 Resp: 35855
Ion Ratio Lower Upper
131 100
133 95.7 47.1 141.4
119 64.6 31.9 95.7

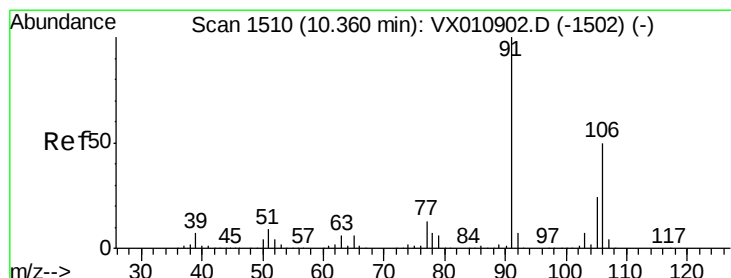
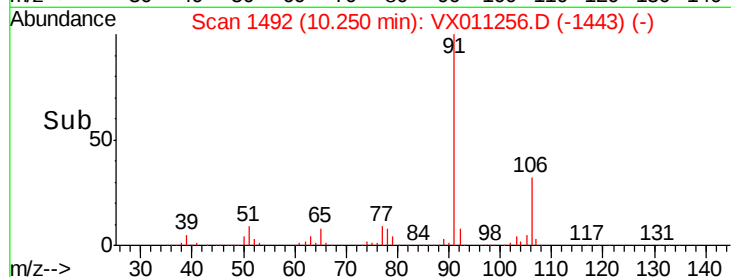
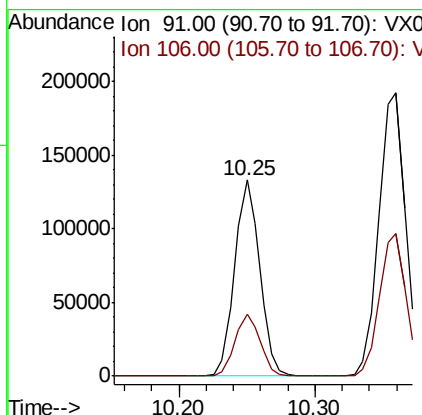
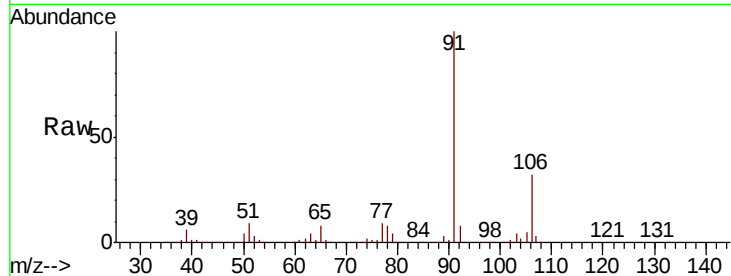




#67
Ethyl Benzene
Concen: 19.565 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011256.D
Acq: 31 Jul 2019 20:23

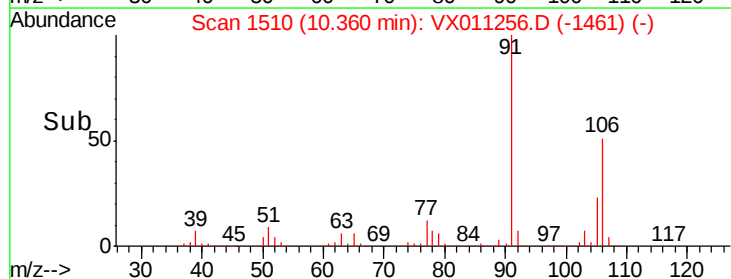
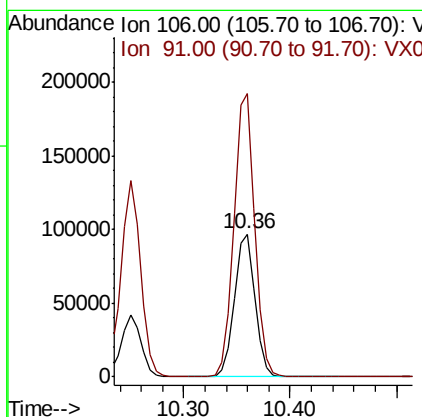
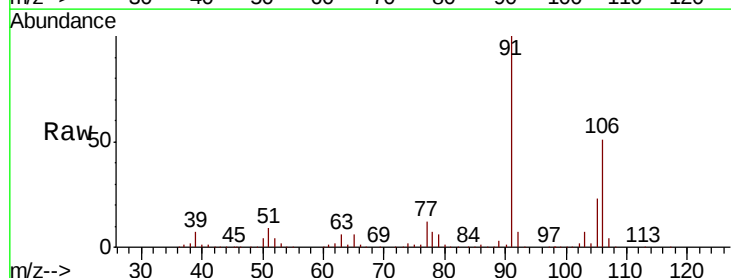
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

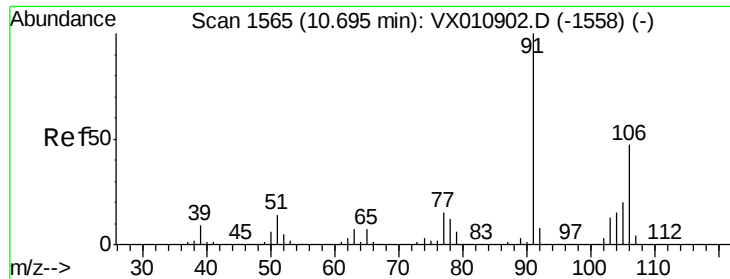
Tot Ion: 91 Resp: 171449
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.2



#68
m/p-Xylenes
Concen: 39.234 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX011256.D
Acq: 31 Jul 2019 20:23

Tgt Ion: 106 Resp: 131880
Ion Ratio Lower Upper
106 100
91 199.3 160.1 240.1

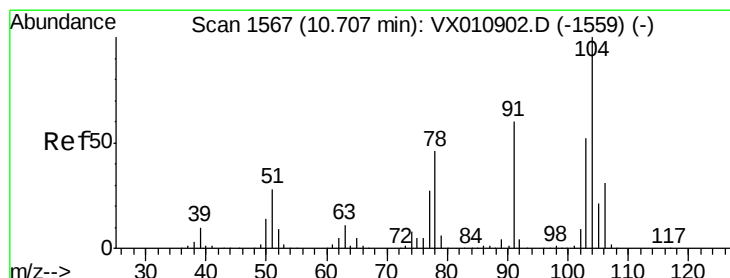
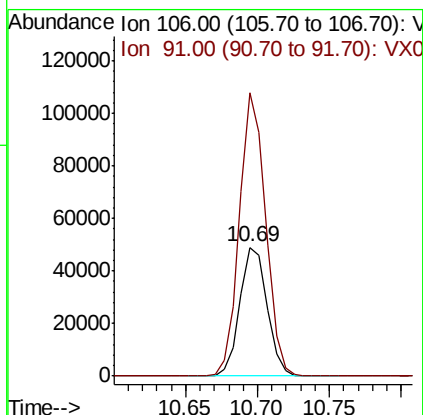
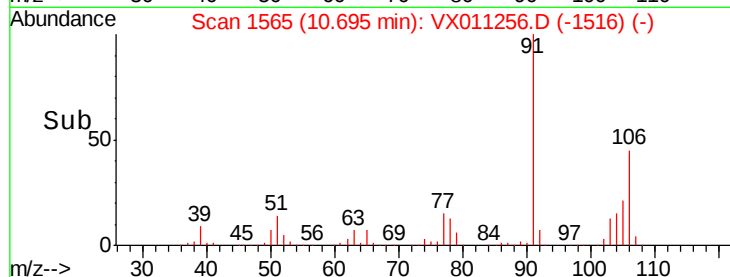
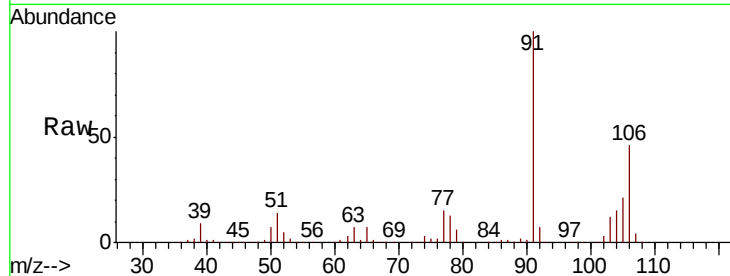




#69
o-Xylene
Concen: 19.626 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011256.D
Acq: 31 Jul 2019 20:23

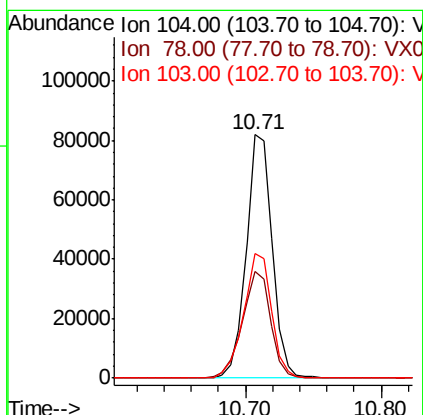
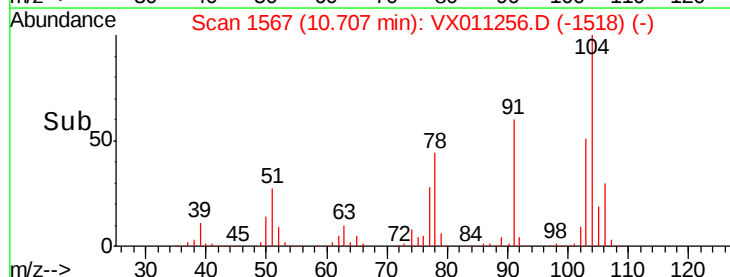
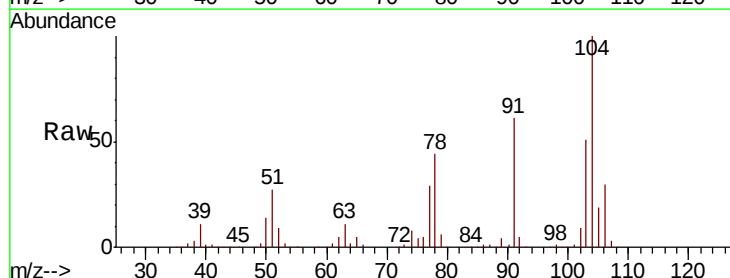
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

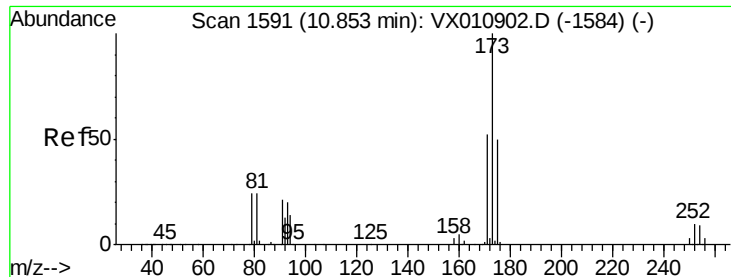
Tot Ion:106 Resp: 64385
Ion Ratio Lower Upper
106 100
91 213.1 105.1 315.3



#70
Styrene
Concen: 20.066 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011256.D
Acq: 31 Jul 2019 20:23

Tgt Ion:104 Resp: 109733
Ion Ratio Lower Upper
104 100
78 47.8 38.8 58.2
103 55.0 44.2 66.4

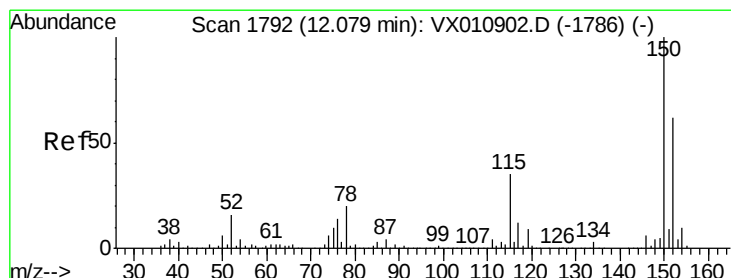
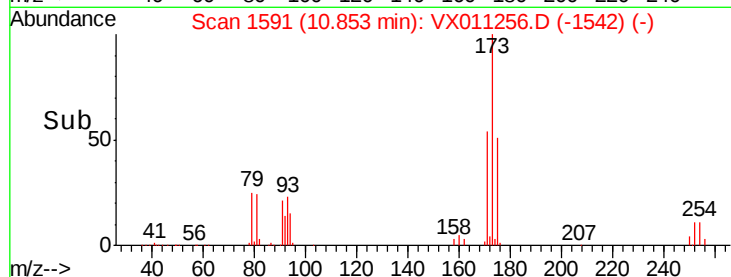
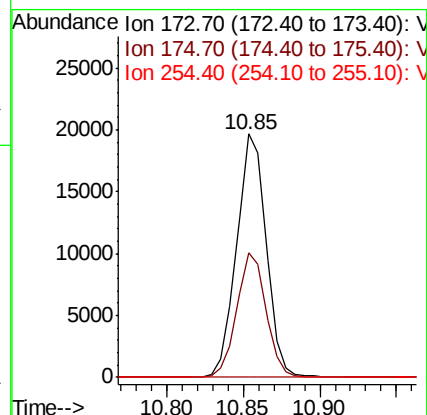
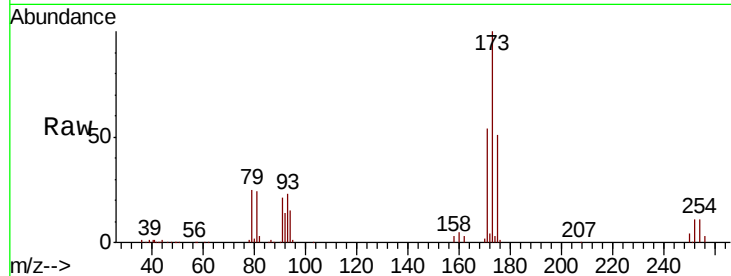




#71
Bromoform
Concen: 17.720 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX011256.D
Acq: 31 Jul 2019 20:23

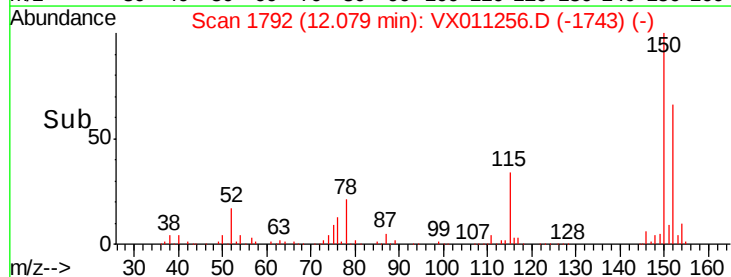
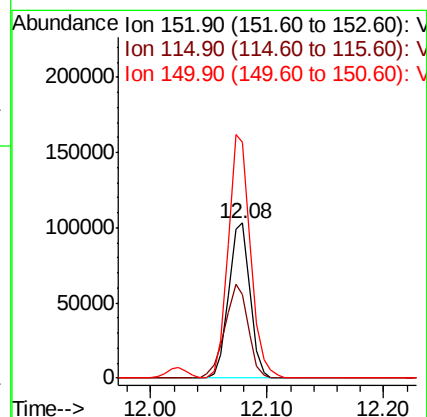
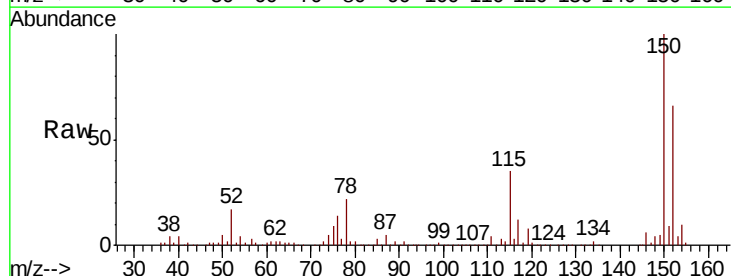
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

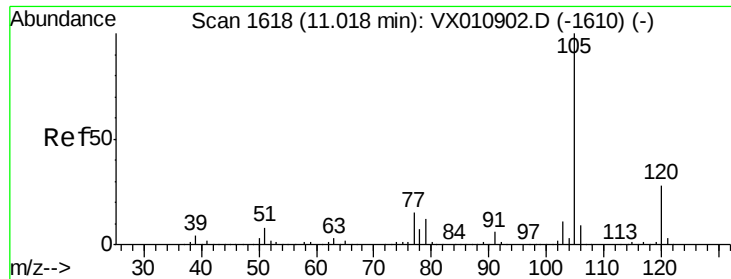
Tot Ion:173 Resp: 26335
Ion Ratio Lower Upper
173 100
175 50.6 24.6 73.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011256.D
Acq: 31 Jul 2019 20:23

Tgt Ion:152 Resp: 130723
Ion Ratio Lower Upper
152 100
115 65.6 39.7 119.1
150 163.2 0.0 345.6





#73

Isopropylbenzene

Concen: 19.937 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011256.D

Acq: 31 Jul 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

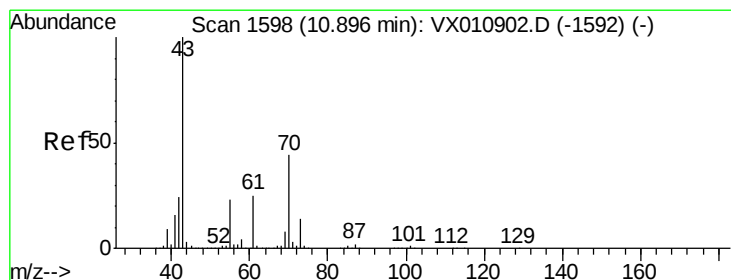
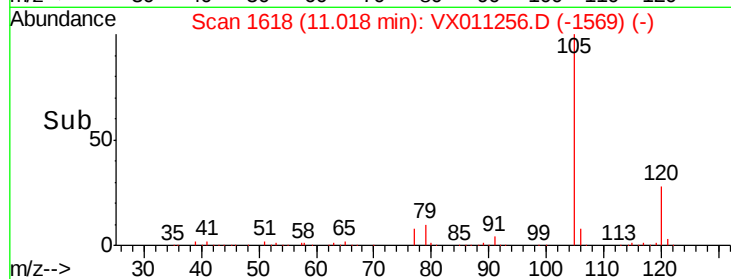
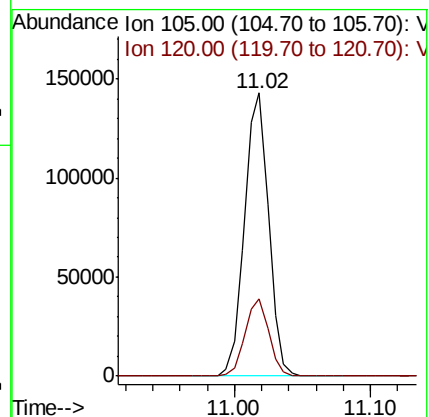
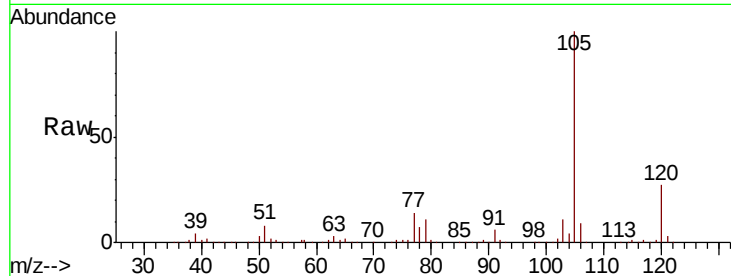
VX0731WBSD01

Tot Ion:105 Resp: 176098

Ion Ratio Lower Upper

105 100

120 27.2 13.7 41.1



#74

N-ethyl acetate

Concen: 19.829 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011256.D

Acq: 31 Jul 2019 20:23

Tgt Ion: 43 Resp: 66922

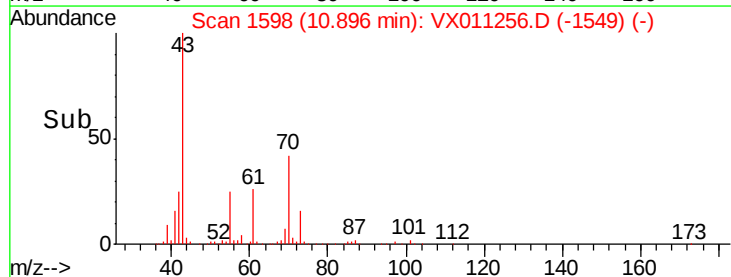
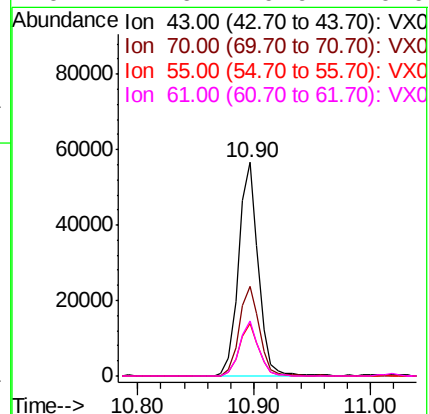
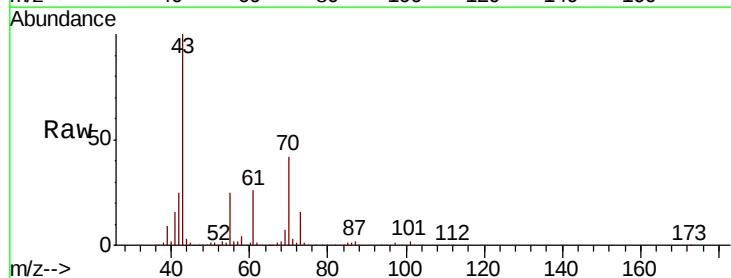
Ion Ratio Lower Upper

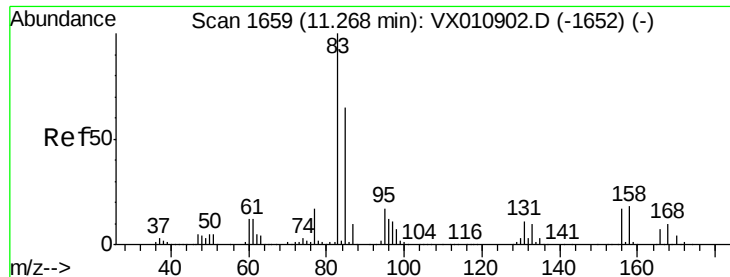
43 100

70 42.9 34.7 52.1

55 24.3 19.1 28.7

61 24.6 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 20.690 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX011256.D

Acq: 31 Jul 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD01

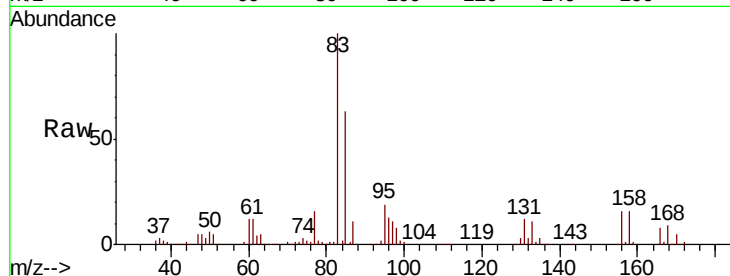
Tot Ion: 83 Resp: 59808

Ion Ratio Lower Upper

83 100

131 11.2 5.5 16.4

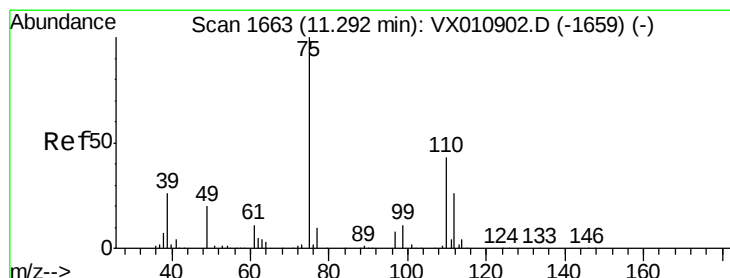
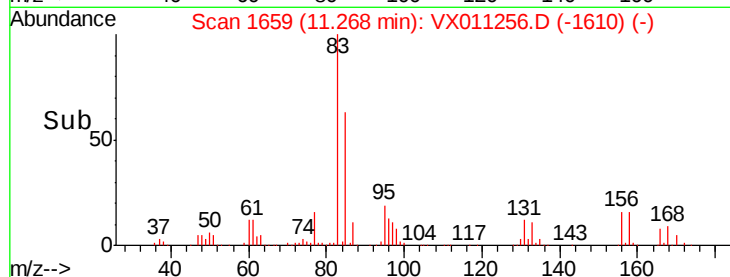
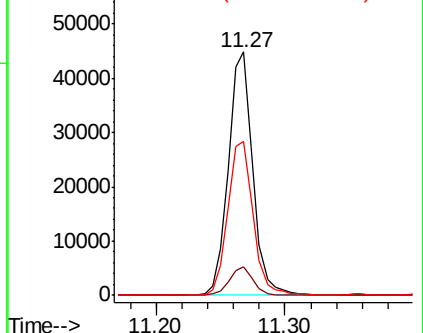
85 65.7 32.3 96.9



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: 25.724 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011256.D

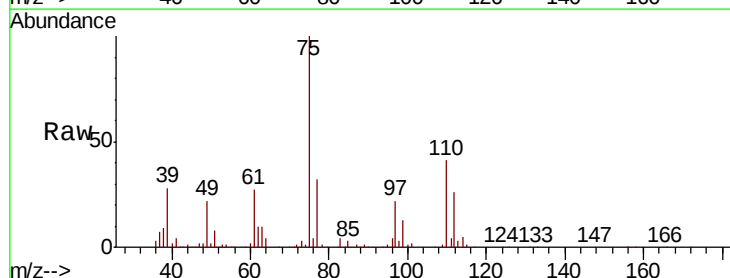
Acq: 31 Jul 2019 20:23

Tgt Ion: 75 Resp: 60682

Ion Ratio Lower Upper

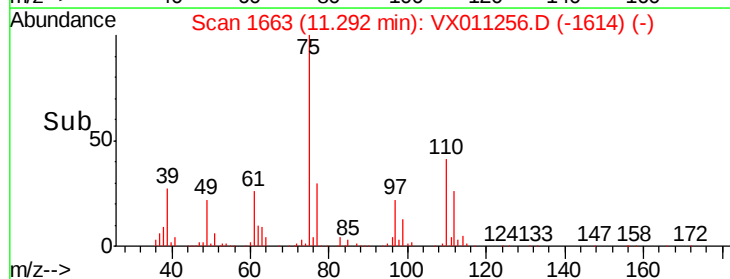
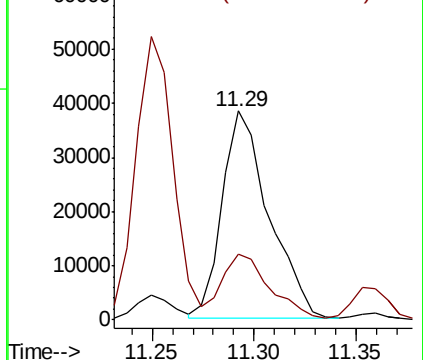
75 100

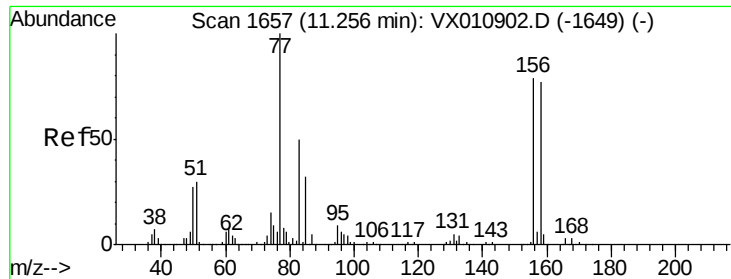
77 32.9 21.3 64.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.695 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011256.D

Acq: 31 Jul 2019 20:23

Instrument :

MSVOA_X

ClientSampled :

VX0731WBSD01

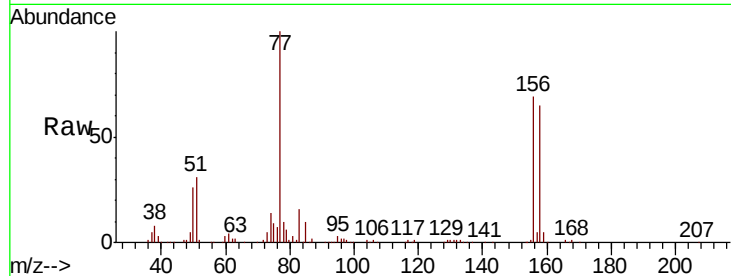
Tot Ion:156 Resp: 47986

Ion Ratio Lower Upper

156 100

77 138.8 68.7 206.1

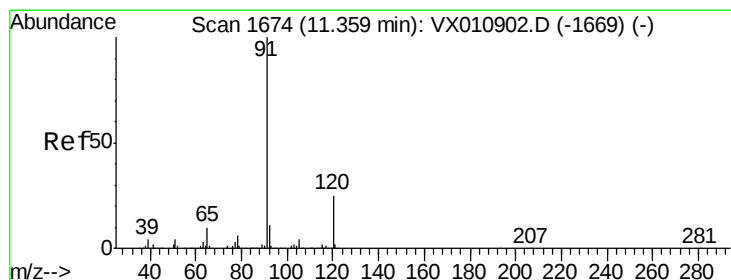
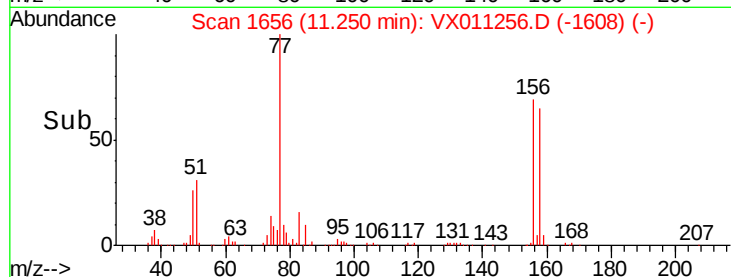
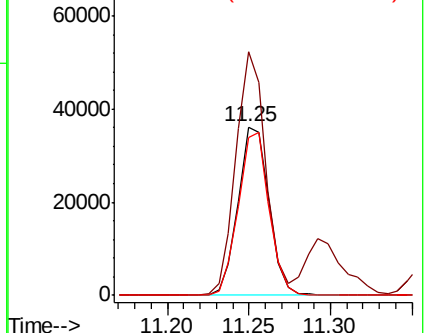
158 96.3 47.9 143.7



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: 19.813 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011256.D

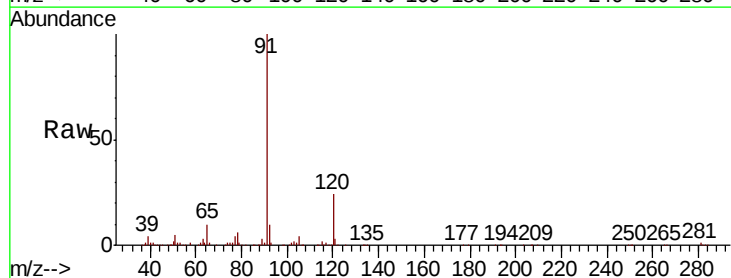
Acq: 31 Jul 2019 20:23

Tgt Ion: 91 Resp: 193366

Ion Ratio Lower Upper

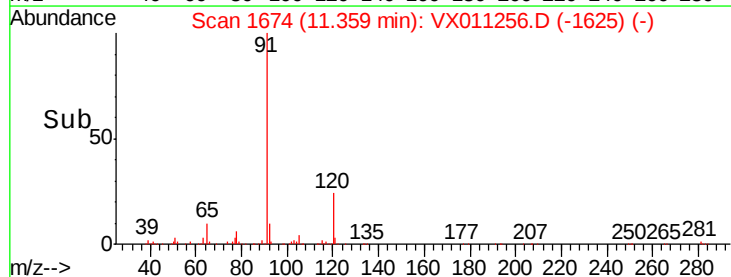
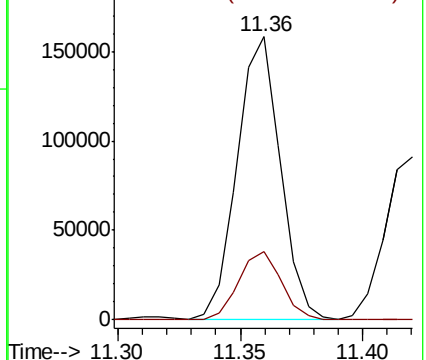
91 100

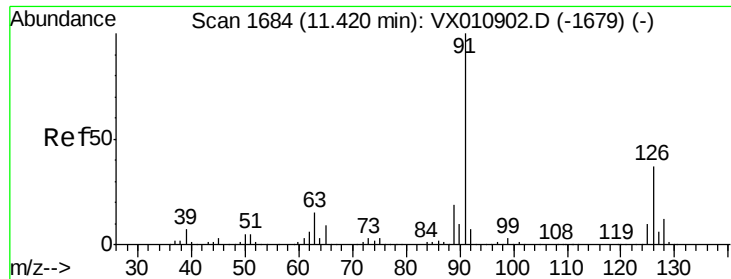
120 24.3 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

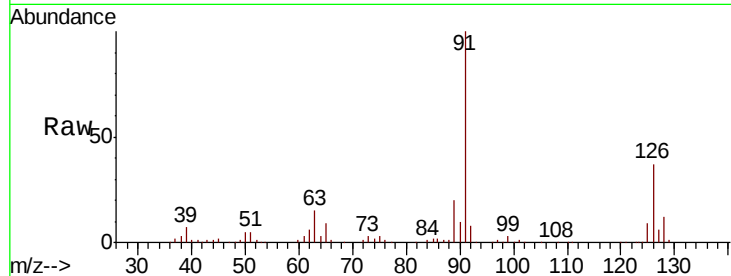




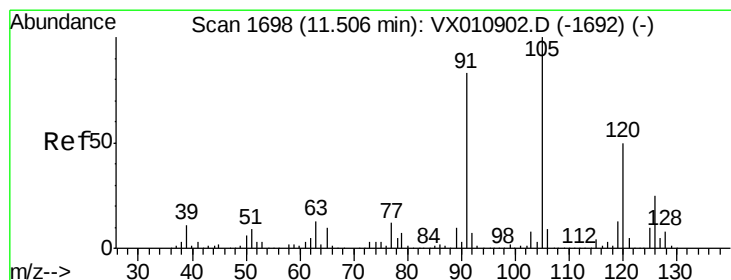
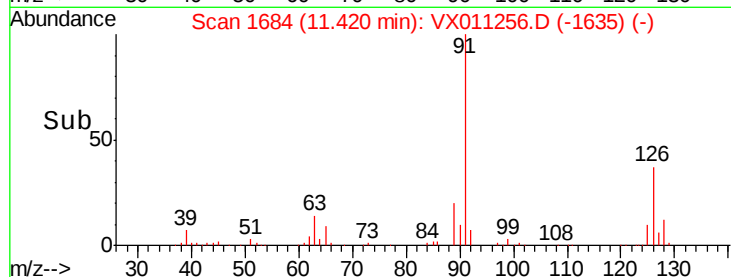
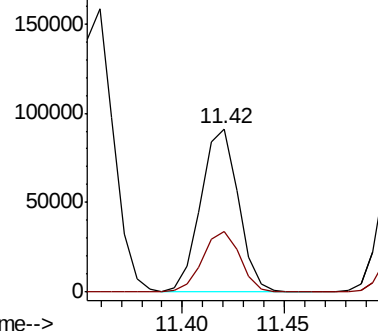
#79
2-Chlorotoluene
Concen: 19.706 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX011256.D
Acq: 31 Jul 2019 20:23

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

Tot Ion: 91 Resp: 115534
Ion Ratio Lower Upper
91 100
126 37.2 18.0 54.0

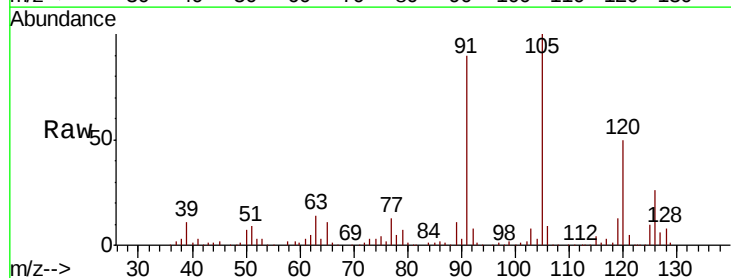


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

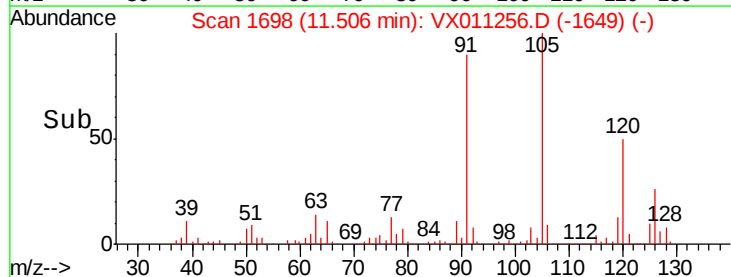
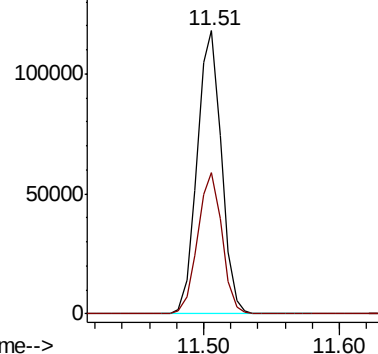


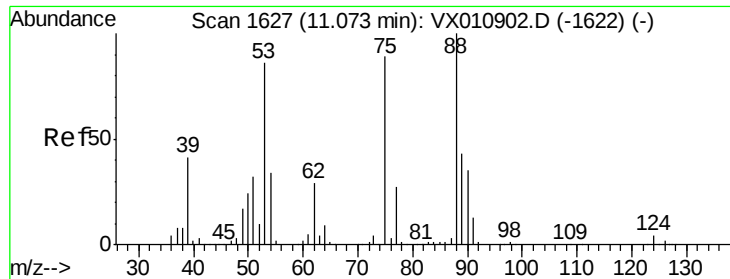
#80
1,3,5-Trimethylbenzene
Concen: 19.743 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011256.D
Acq: 31 Jul 2019 20:23

Tgt Ion:105 Resp: 145719
Ion Ratio Lower Upper
105 100
120 49.9 24.6 73.8



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: 17.336 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011256.D

Acq: 31 Jul 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD01

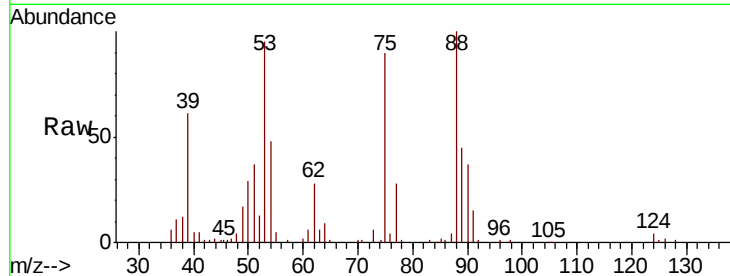
Tot Ion: 75 Resp: 13511

Ion Ratio Lower Upper

75 100

53 113.0 76.7 115.1

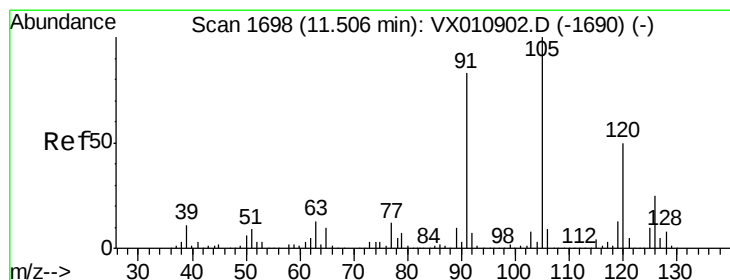
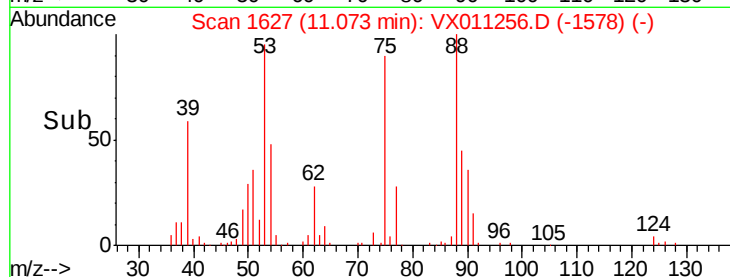
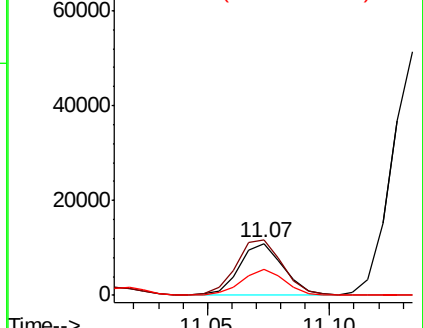
89 49.7 38.5 57.7



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: 19.659 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011256.D

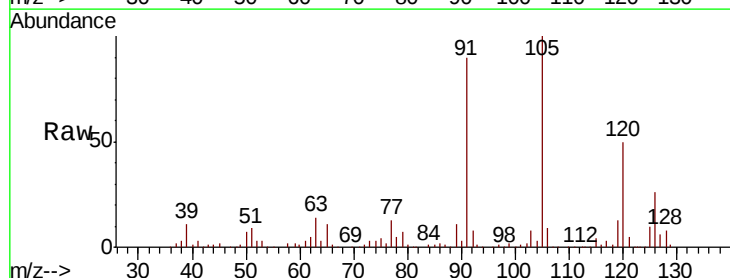
Acq: 31 Jul 2019 20:23

Tgt Ion: 91 Resp: 134145

Ion Ratio Lower Upper

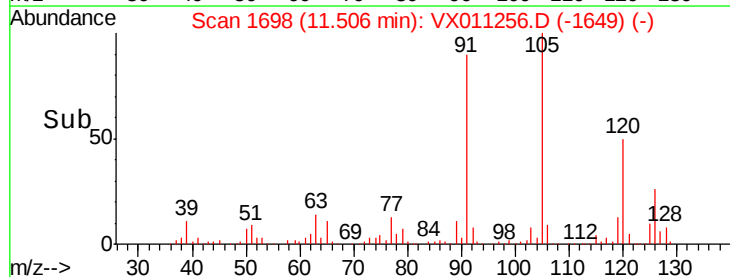
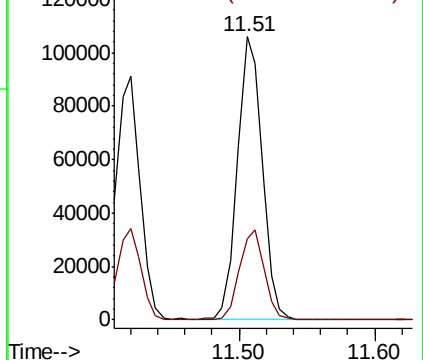
91 100

126 31.9 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

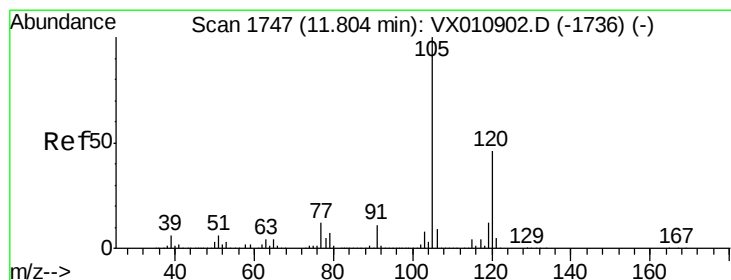
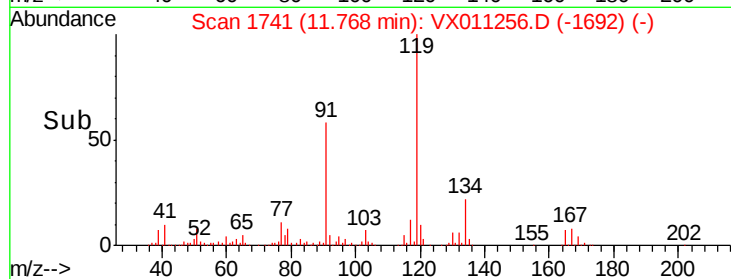
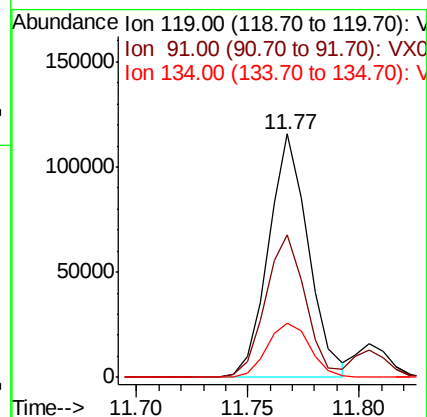
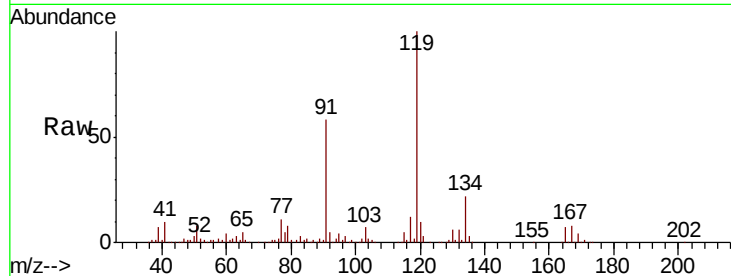




#83
tert-Butylbenzene
Concen: 19.773 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX011256.D
Acq: 31 Jul 2019 20:23

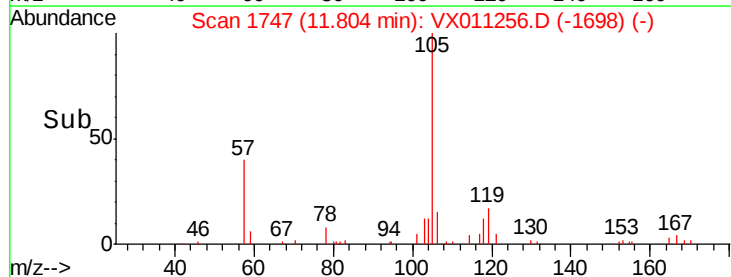
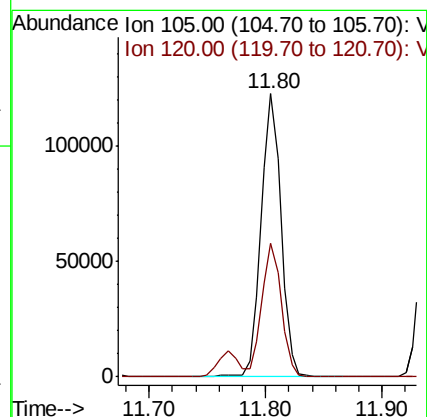
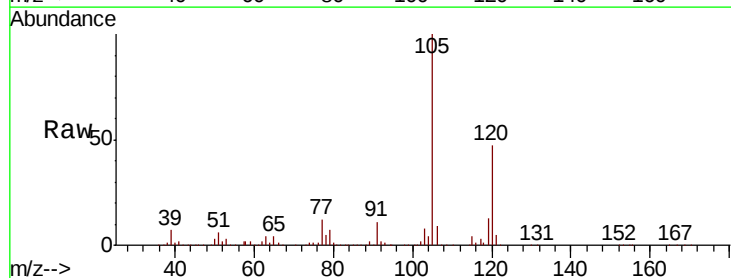
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

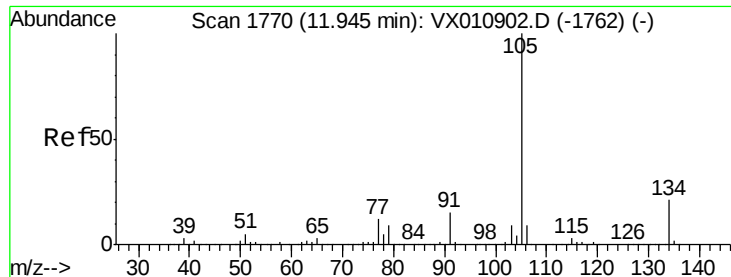
Tot Ion:119 Resp: 143353
Ion Ratio Lower Upper
119 100
91 59.1 28.6 85.8
134 24.1 11.6 34.8



#84
1,2,4-Trimethylbenzene
Concen: 19.879 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX011256.D
Acq: 31 Jul 2019 20:23

Tgt Ion:105 Resp: 147884
Ion Ratio Lower Upper
105 100
120 46.6 22.9 68.5





#85

sec-Butylbenzene

Concen: 20.125 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011256.D

Acq: 31 Jul 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

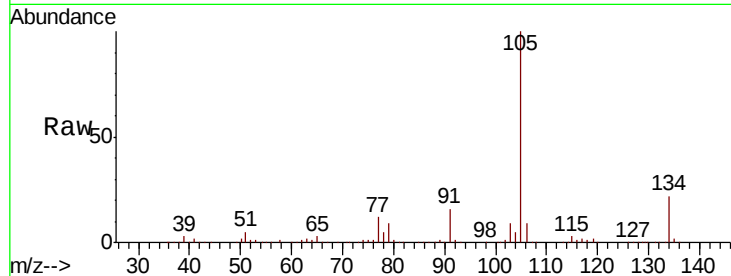
VX0731WBSD01

Tot Ion:105 Resp: 170963

Ion Ratio Lower Upper

105 100

134 21.2 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

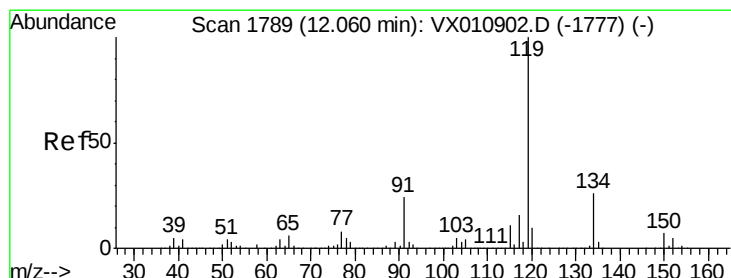
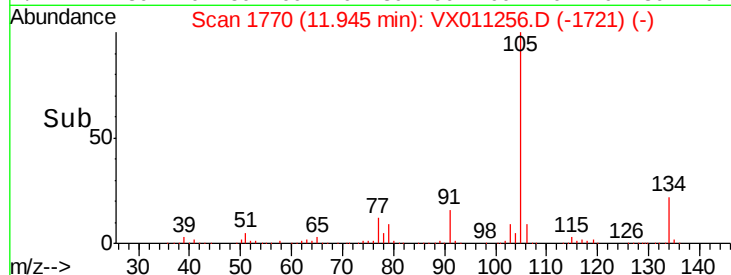
150000

100000

50000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 20.119 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011256.D

Acq: 31 Jul 2019 20:23

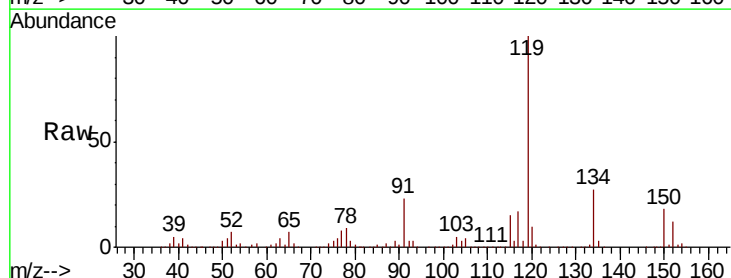
Tgt Ion:119 Resp: 158004

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

91 23.5 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

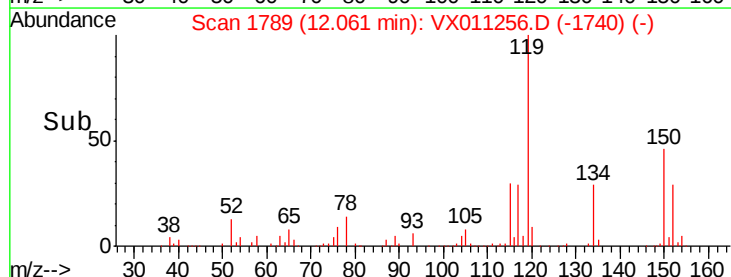
150000

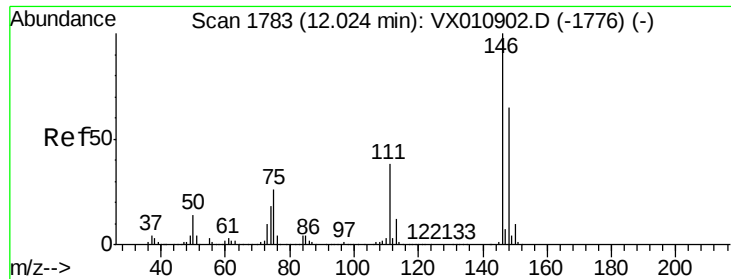
100000

50000

0

Time--> 12.00 12.10





#87

1,3-Dichlorobenzene

Concen: 19.996 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX011256.D

Acq: 31 Jul 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD01

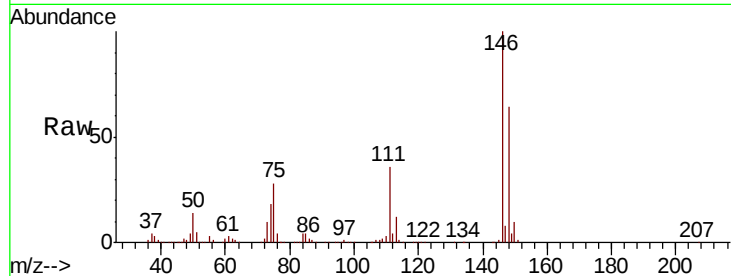
Tot Ion:146 Resp: 84548

Ion Ratio Lower Upper

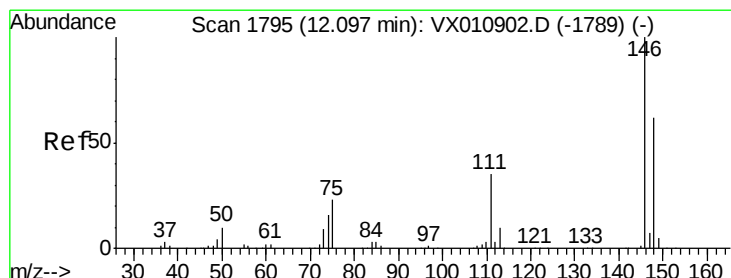
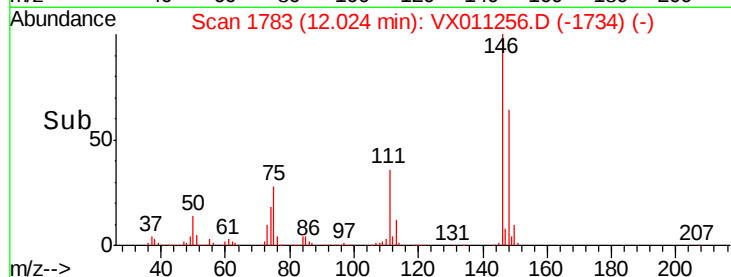
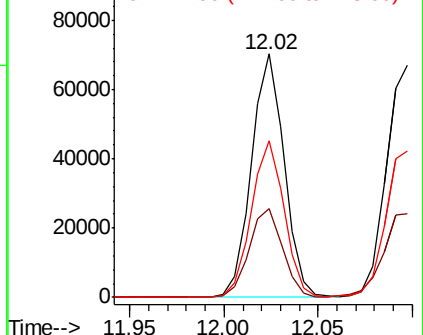
146 100

111 37.4 18.9 56.9

148 64.6 32.2 96.6



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



#88

1,4-Dichlorobenzene

Concen: 19.466 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX011256.D

Acq: 31 Jul 2019 20:23

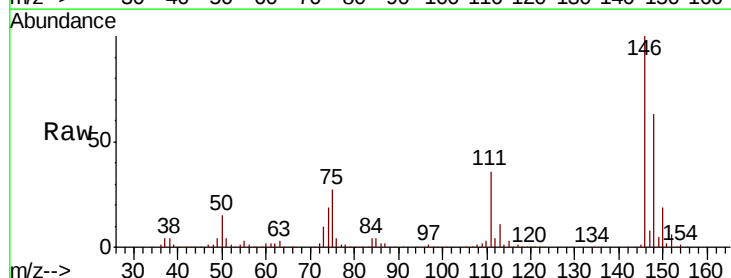
Tgt Ion:146 Resp: 84413

Ion Ratio Lower Upper

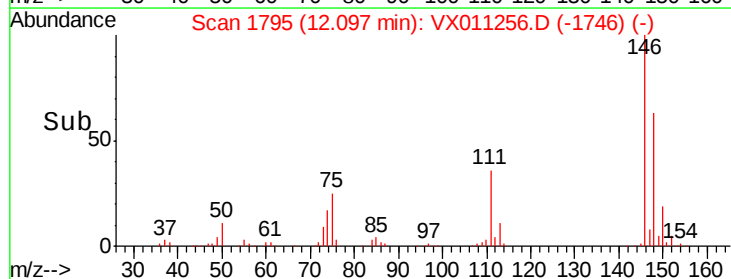
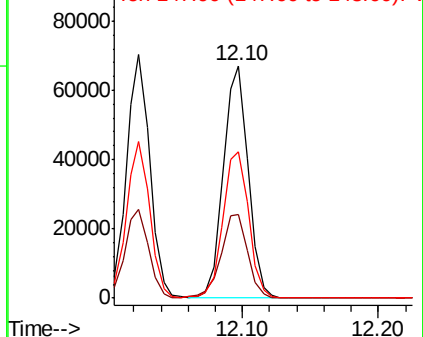
146 100

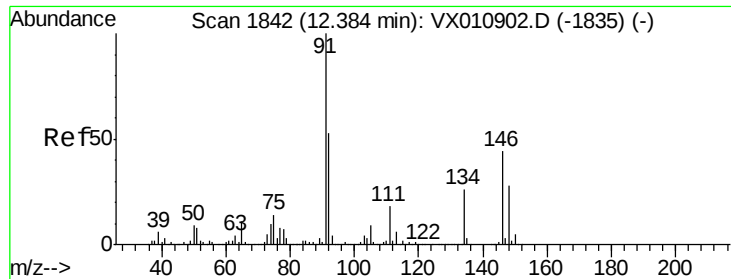
111 38.9 18.6 55.8

148 65.7 31.6 94.7



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





#89

n-Butylbenzene

Concen: 19.956 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX011256.D

Acq: 31 Jul 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD01

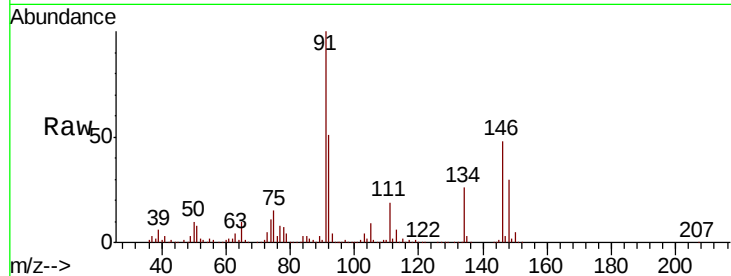
Tot Ion: 91 Resp: 134079

Ion Ratio Lower Upper

91 100

92 51.4 26.2 78.5

134 27.0 13.8 41.3

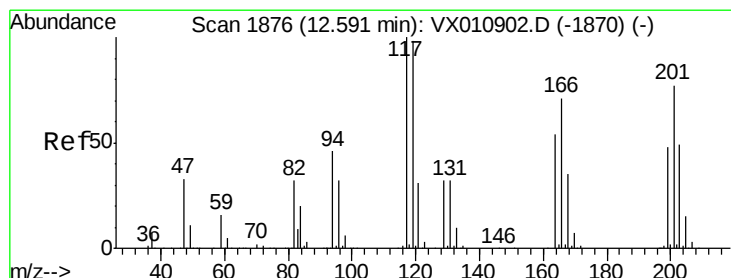
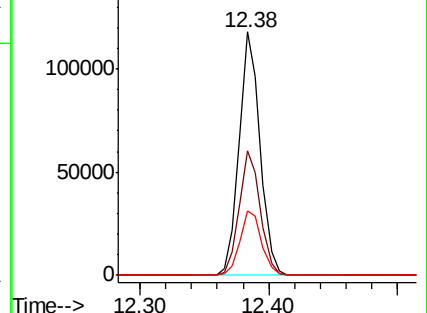
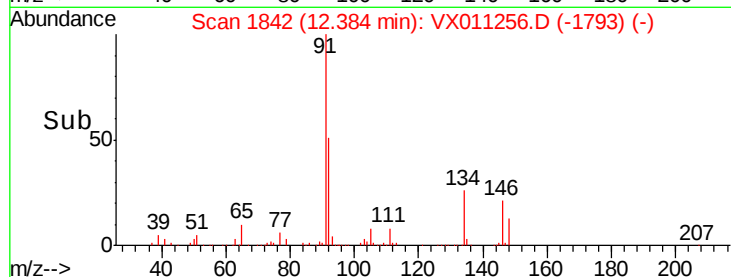


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 18.216 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. 0.00 min

Lab File: VX011256.D

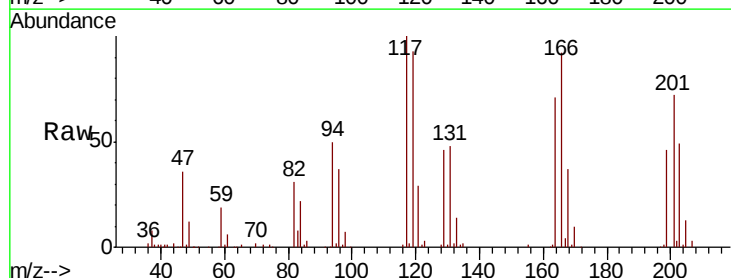
Acq: 31 Jul 2019 20:23

Tgt Ion: 117 Resp: 22564

Ion Ratio Lower Upper

117 100

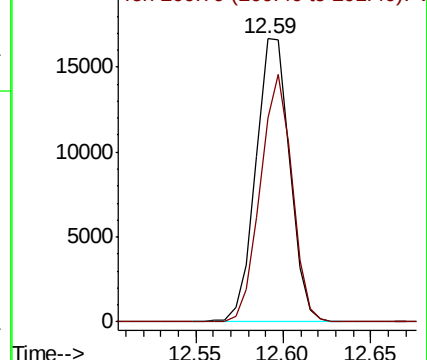
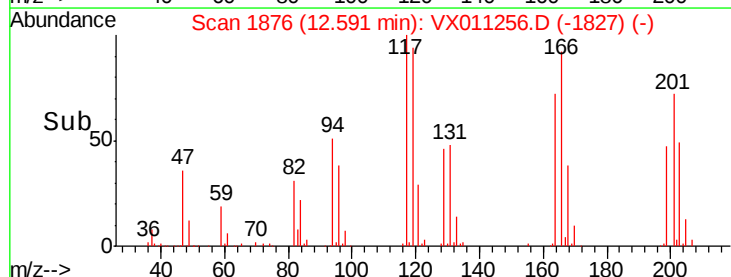
201 81.5 43.3 129.8

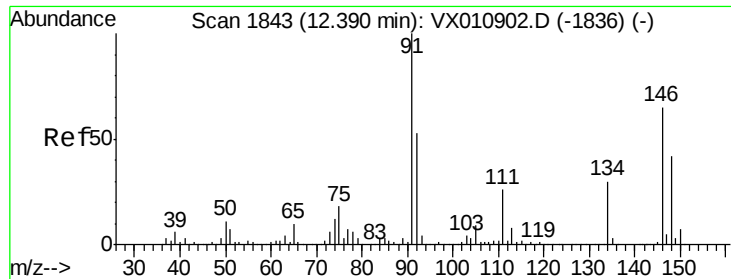


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 20.401 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX011256.D

Acq: 31 Jul 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD01

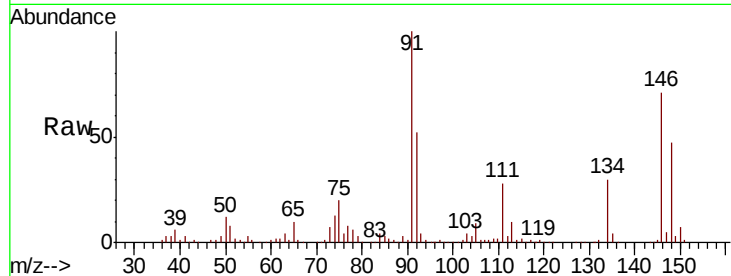
Tot Ion:146 Resp: 85489

Ion Ratio Lower Upper

146 100

111 39.6 19.9 59.7

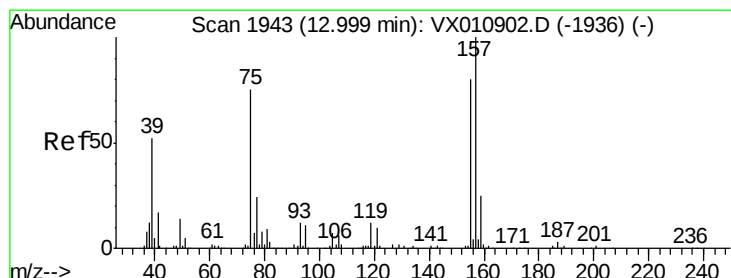
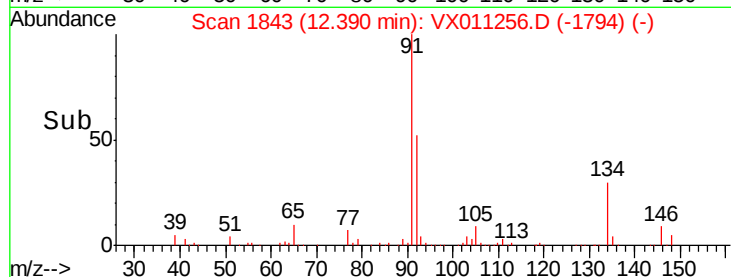
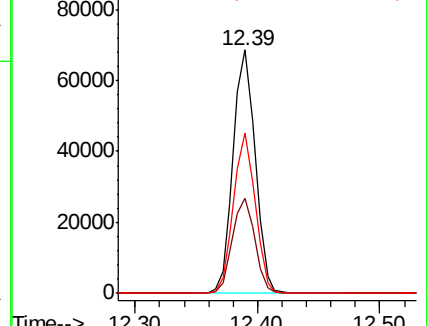
148 64.9 32.0 96.2



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: 20.754 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX011256.D

Acq: 31 Jul 2019 20:23

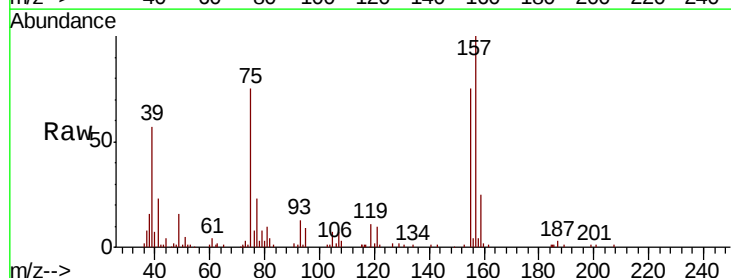
Tgt Ion: 75 Resp: 12540

Ion Ratio Lower Upper

75 100

155 91.8 48.7 146.1

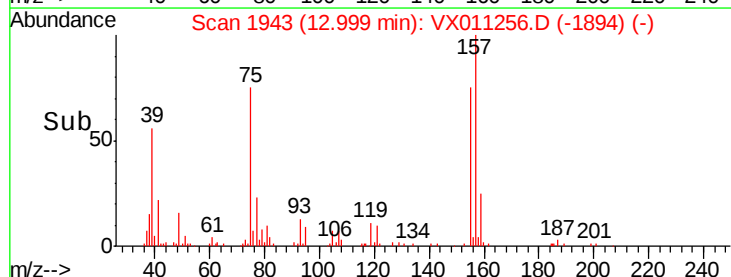
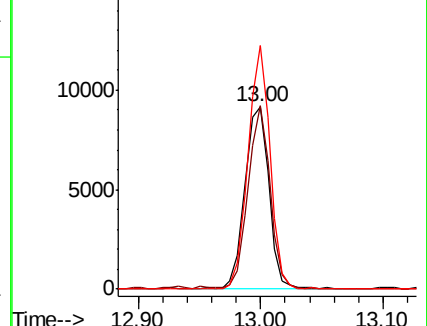
157 120.7 62.5 187.6

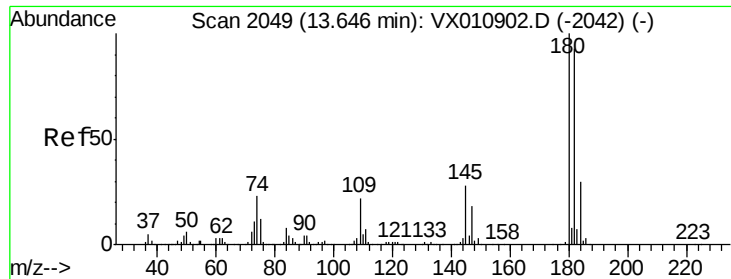


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

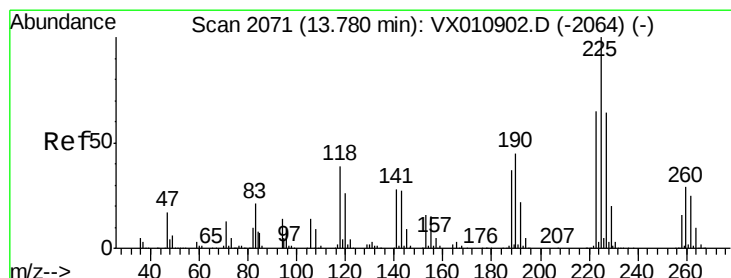
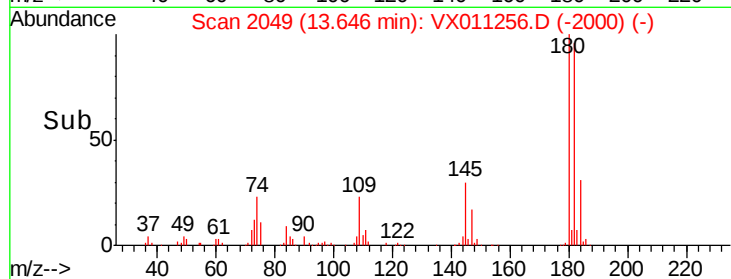
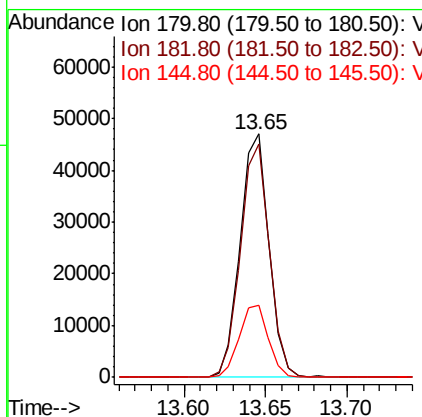
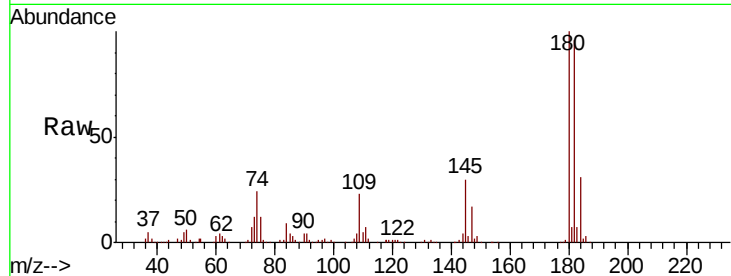




#93
 1,2,4-Trichlorobenzene
 Concen: 20.493 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011256.D
 Acq: 31 Jul 2019 20:23

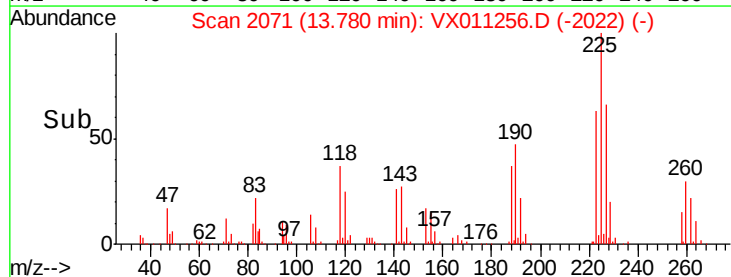
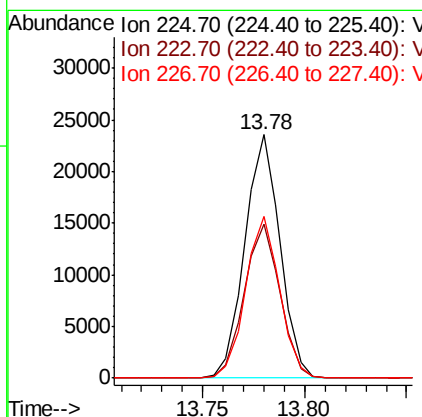
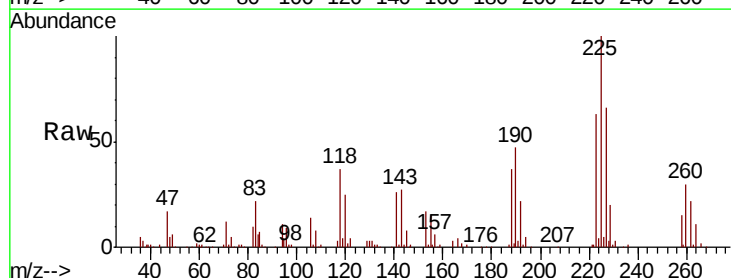
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBSD01

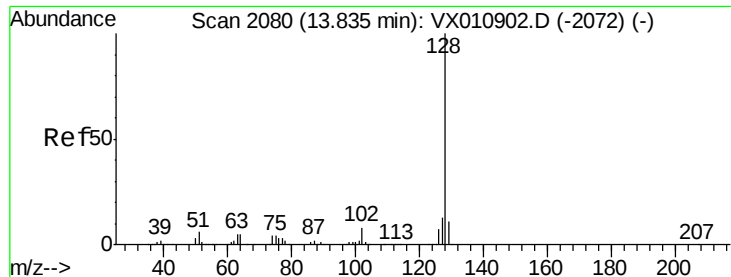
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.1	141.3
145	30.1	14.8	44.4



#94
 Hexachlorobutadiene
 Concen: 20.022 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011256.D
 Acq: 31 Jul 2019 20:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	31.9	95.9
227	64.5	32.5	97.4

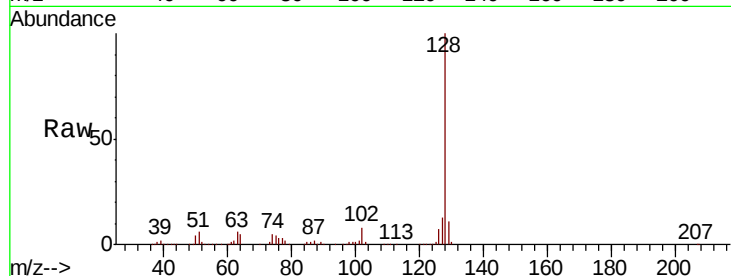




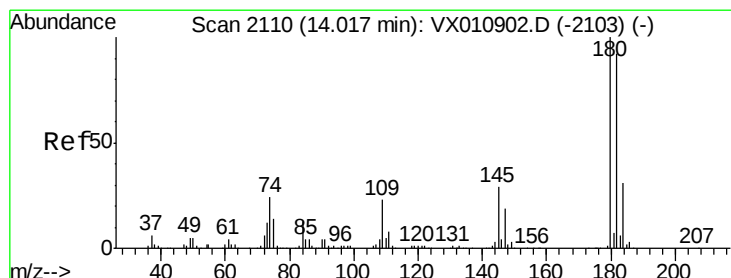
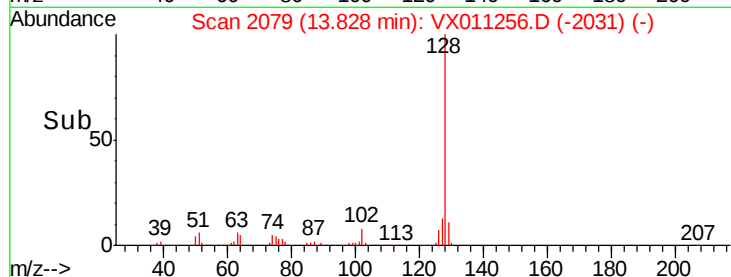
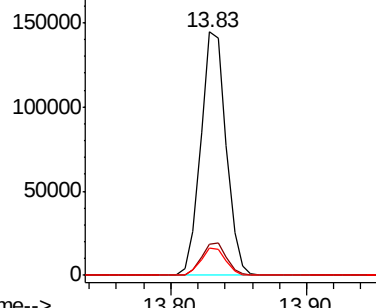
#95
Naphthalene
Concen: 22.284 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011256.D
Acq: 31 Jul 2019 20:23

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

Tot Ion:128 Resp: 186873
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.1 8.9 13.3

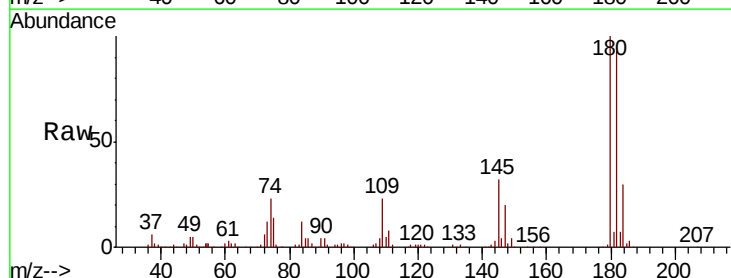


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 21.607 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011256.D
Acq: 31 Jul 2019 20:23

Tgt Ion:180 Resp: 61056
Ion Ratio Lower Upper
180 100
182 94.5 47.4 142.3
145 30.8 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

