

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051119\
 Data File : VX009521.D
 Acq On : 11 May 2019 13:34
 Operator : JC/SP
 Sample : VX0511WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBSD01

Quant Time: May 12 01:58:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	167168	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	266196	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	240230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	116771	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	114124	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
35) Dibromofluoromethane	5.49	113	84663	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
50) Toluene-d8	8.71	98	339227	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
62) 4-Bromofluorobenzene	11.13	95	122579	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	28979	18.812	ug/l	100
3) Chloromethane	1.32	50	44383	21.103	ug/l	99
4) Vinyl Chloride	1.41	62	43218	21.073	ug/l	99
5) Bromomethane	1.64	94	27805	22.588	ug/l	98
6) Chloroethane	1.72	64	27880	21.174	ug/l	99
7) Trichlorofluoromethane	1.93	101	53808	21.584	ug/l	99
8) Diethyl Ether	2.19	74	24769	20.976	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	33007	21.084	ug/l	99
10) Methyl Iodide	2.51	142	35877	22.506	ug/l	99
11) Tert butyl alcohol	3.04	59	55823	105.678	ug/l	97
12) 1,1-Dichloroethene	2.37	96	33364	21.271	ug/l	99
13) Acrolein	2.29	56	42685	89.227	ug/l	98
14) Allyl chloride	2.73	41	78548	20.549	ug/l	98
15) Acrylonitrile	3.14	53	134949	104.484	ug/l	99
16) Acetone	2.44	43	123568	100.842	ug/l	98
17) Carbon Disulfide	2.57	76	91542	20.787	ug/l	97
18) Methyl Acetate	2.77	43	57669	19.789	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	129642	21.284	ug/l	100
20) Methylene Chloride	2.85	84	41374	20.853	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	36249	21.310	ug/l	97
22) Diisopropyl ether	3.85	45	156909	21.345	ug/l	98
23) Vinyl Acetate	3.81	43	694317	110.300	ug/l	99
24) 1,1-Dichloroethane	3.70	63	76068	20.976	ug/l	99
25) 2-Butanone	4.67	43	201666	105.907	ug/l	99
26) 2,2-Dichloropropane	4.59	77	53325	19.755	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	42477	20.920	ug/l	99
28) Bromochloromethane	5.01	49	31411	19.866	ug/l	99
29) Tetrahydrofuran	5.13	42	132585	108.203	ug/l	100
30) Chloroform	5.21	83	70299	21.434	ug/l	100
31) Cyclohexane	5.58	56	72563	21.507	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	57387	21.018	ug/l	99
36) 1,1-Dichloropropene	5.80	75	52266	21.128	ug/l	99
37) Ethyl Acetate	4.84	43	74539	21.626	ug/l	99
38) Carbon Tetrachloride	5.79	117	48022	21.366	ug/l	96

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 Data File : VX009521.D
 Acq On : 11 May 2019 13:34
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 Sample : VX0511WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBSD01

Quant Time: May 12 01:58:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	65275	21.486	ug/l	98
40) Benzene	6.14	78	165035	21.556	ug/l	96
41) Methacrylonitrile	5.04	41	42826	20.873	ug/l	97
42) 1,2-Dichloroethane	6.20	62	59823	21.783	ug/l	100
43) Isopropyl Acetate	6.45	43	117459	21.305	ug/l	99
44) Trichloroethene	7.21	130	38841	20.986	ug/l	94
45) 1,2-Dichloropropane	7.51	63	46287	21.351	ug/l	97
46) Dibromomethane	7.66	93	27262	21.656	ug/l	98
47) Bromodichloromethane	7.90	83	52986	21.100	ug/l	95
48) Methyl methacrylate	7.77	41	59657	21.810	ug/l	98
49) 1,4-Dioxane	7.74	88	24181	435.926	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	393426	109.177	ug/l	99
52) Toluene	8.78	92	100417	21.577	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	59209	20.884	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	66665	21.244	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	40324	21.238	ug/l	96
56) Ethyl methacrylate	9.18	69	72447	21.376	ug/l	99
57) 1,3-Dichloropropane	9.37	76	71438	21.381	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	176066	97.926	ug/l	100
59) 2-Hexanone	9.49	43	305169	107.826	ug/l	99
60) Dibromochloromethane	9.58	129	38966	21.013	ug/l	99
61) 1,2-Dibromoethane	9.67	107	41899	21.862	ug/l	98
64) Tetrachloroethene	9.34	164	35849	21.755	ug/l	96
65) Chlorobenzene	10.13	112	103258	21.487	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	37125	21.309	ug/l	99
67) Ethyl Benzene	10.25	91	191520	21.655	ug/l	100
68) m/p-Xylenes	10.36	106	138869	42.967	ug/l	98
69) o-Xylene	10.69	106	69040	21.651	ug/l	99
70) Styrene	10.71	104	118642	21.406	ug/l	99
71) Bromoform	10.85	173	29111	20.561	ug/l #	98
73) Isopropylbenzene	11.02	105	182028	21.437	ug/l	99
74) N-amyl acetate	10.90	43	104491	21.107	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	67024	21.173	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	77022	28.435	ug/l	82
77) Bromobenzene	11.25	156	45046	21.373	ug/l	99
78) n-propylbenzene	11.36	91	208042	21.453	ug/l	100
79) 2-Chlorotoluene	11.42	91	126796	21.193	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	155231	21.711	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	21492	20.302	ug/l	94
82) 4-Chlorotoluene	11.51	91	143285	21.199	ug/l	100
83) tert-Butylbenzene	11.77	119	148371	21.332	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	155231	21.630	ug/l	100
85) sec-Butylbenzene	11.94	105	174164	21.121	ug/l	99
86) p-Isopropyltoluene	12.06	119	159582	21.527	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	79516	21.164	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	80184	21.168	ug/l	100
89) n-Butylbenzene	12.38	91	139486	20.818	ug/l	100
90) Hexachloroethane	12.59	117	25402	20.113	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	80079	20.925	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14652	20.633	ug/l	98

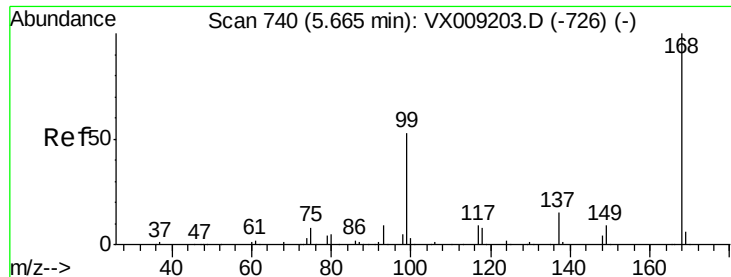
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051119\
Data File : VX009521.D
Acq On : 11 May 2019 13:34
Operator : JC/SP
Sample : VX0511WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0511WBSD01

Quant Time: May 12 01:58:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	55363	21.156	ug/l	100
94) Hexachlorobutadiene	13.78	225	28718	21.490	ug/l	99
95) Naphthalene	13.83	128	181515	21.319	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	57085	21.520	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. 0.00 min

Lab File: VX009521.D

Acq: 11 May 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

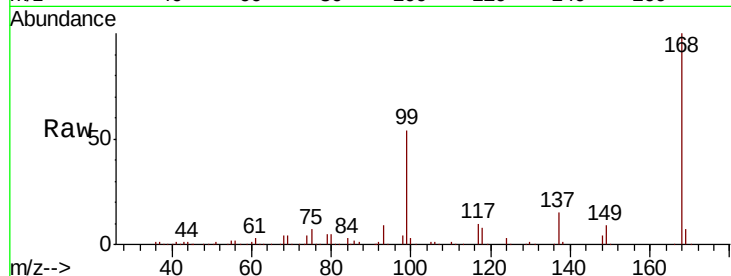
VX0511WBSD01

Tot Ion:168 Resp: 167168

Ion Ratio Lower Upper

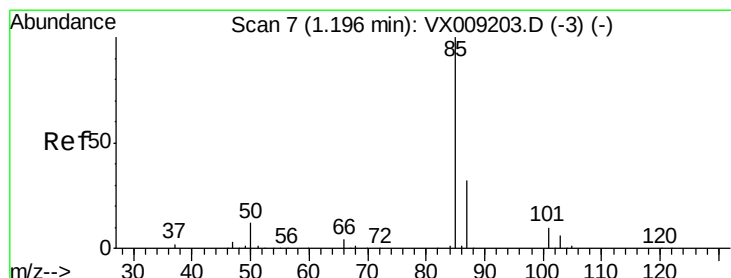
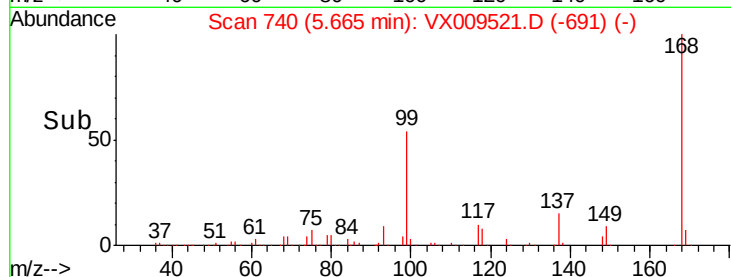
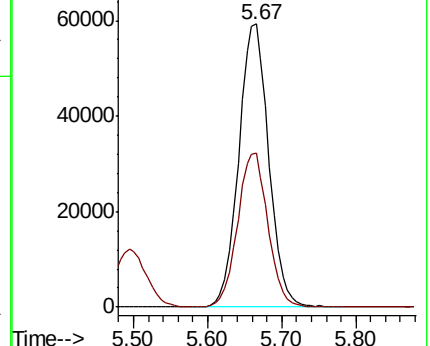
168 100

99 54.2 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.812 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009521.D

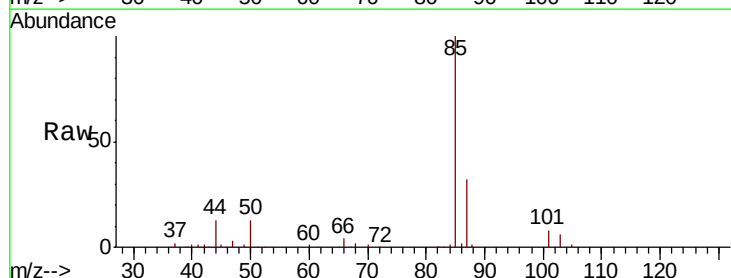
Acq: 11 May 2019 13:34

Tgt Ion: 85 Resp: 28979

Ion Ratio Lower Upper

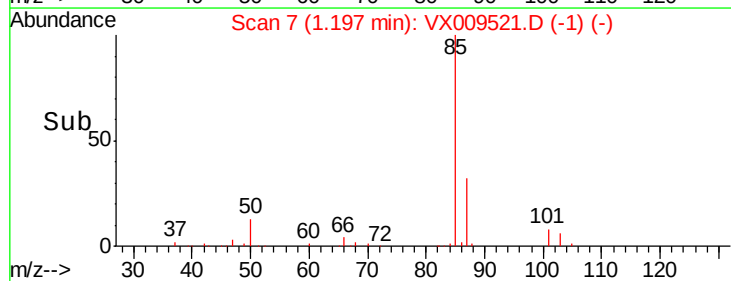
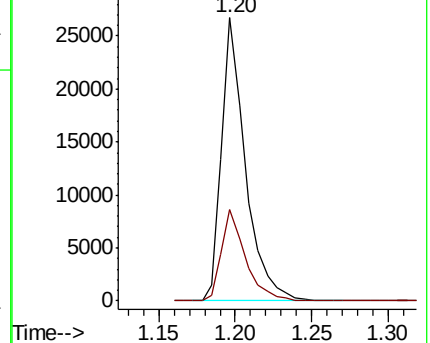
85 100

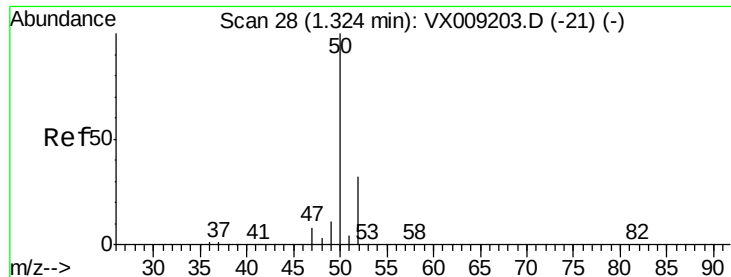
87 32.4 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 21.103 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009521.D

Acq: 11 May 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

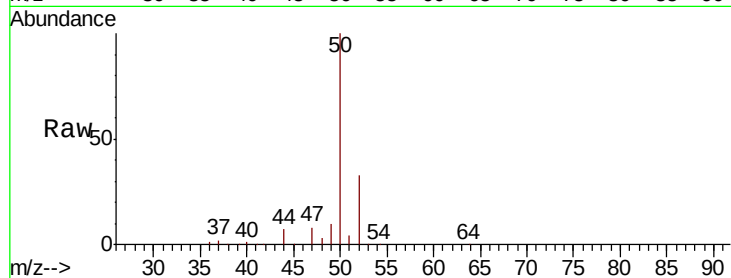
VX0511WBSD01

Tot Ion: 50 Resp: 44383

Ion Ratio Lower Upper

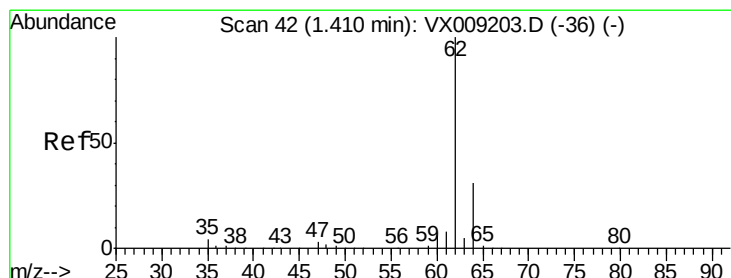
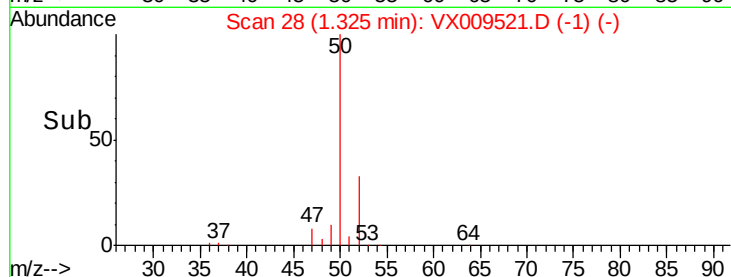
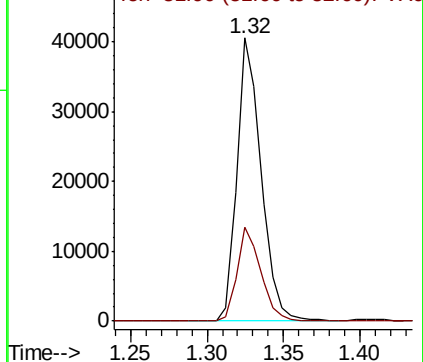
50 100

52 33.0 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 21.073 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009521.D

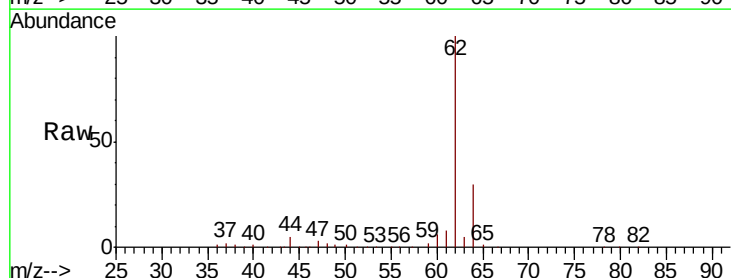
Acq: 11 May 2019 13:34

Tgt Ion: 62 Resp: 43218

Ion Ratio Lower Upper

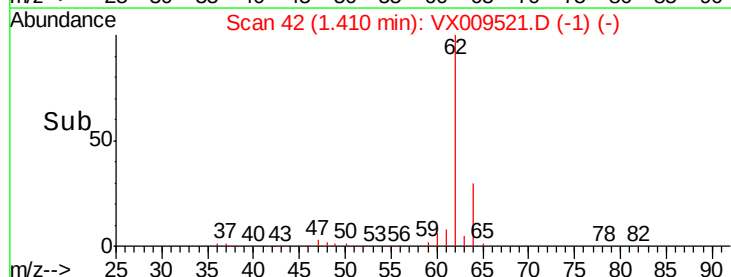
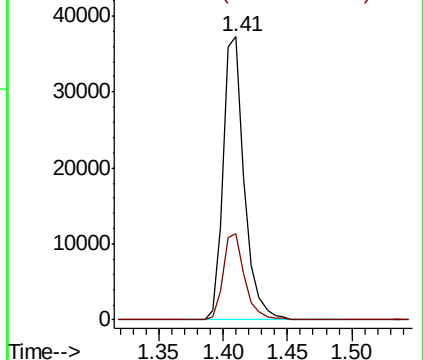
62 100

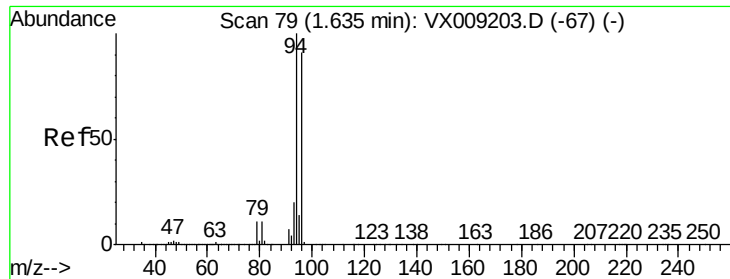
64 30.3 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 22.588 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009521.D

Acq: 11 May 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

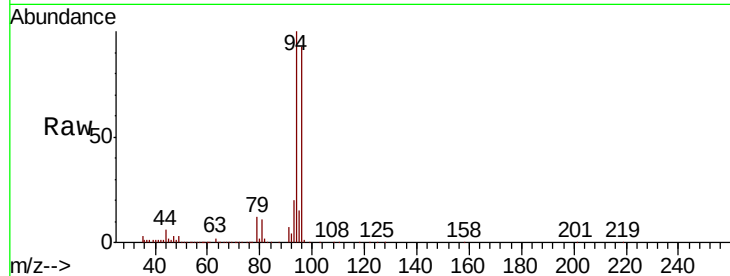
VX0511WBSD01

Tot Ion: 94 Resp: 27805

Ion Ratio Lower Upper

94 100

96 93.4 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

30000

25000

20000

15000

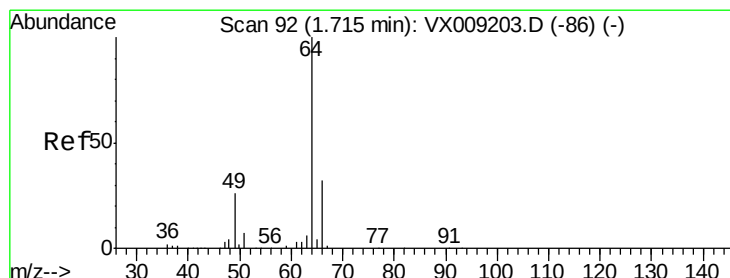
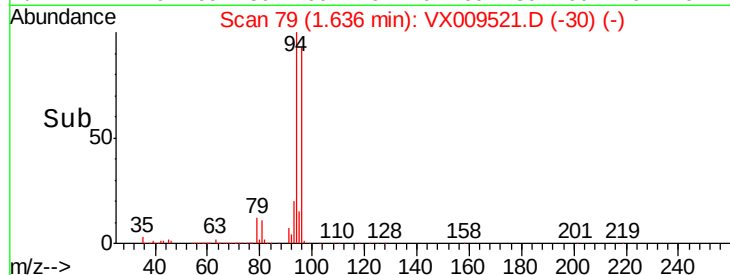
10000

5000

0

Time-->

1.60 1.70



#6

Chloroethane

Concen: 21.174 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX009521.D

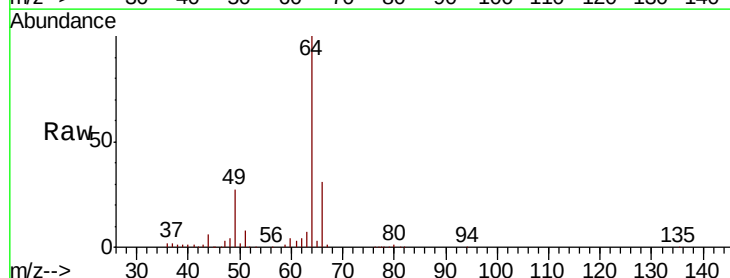
Acq: 11 May 2019 13:34

Tgt Ion: 64 Resp: 27880

Ion Ratio Lower Upper

64 100

66 31.2 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

20000

15000

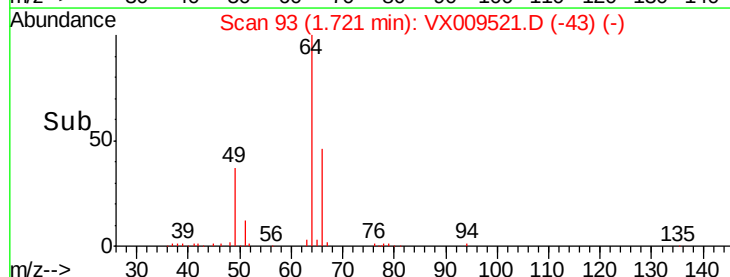
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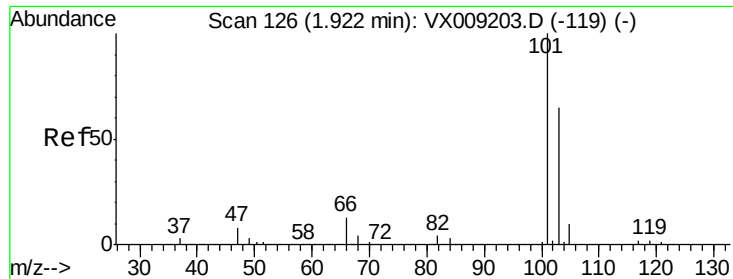
5000

0

Time-->

1.65 1.70 1.75 1.80



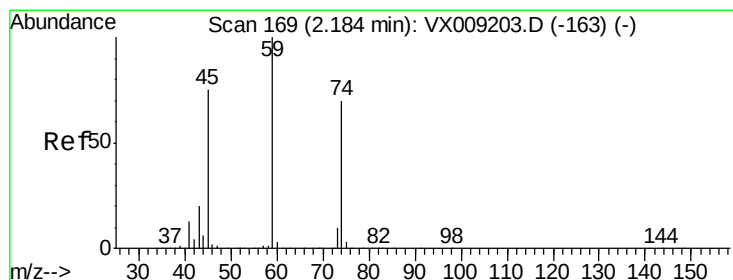
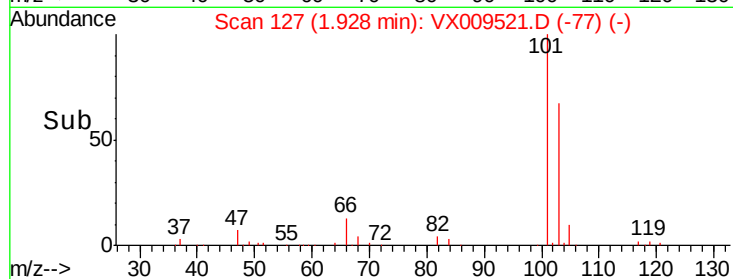
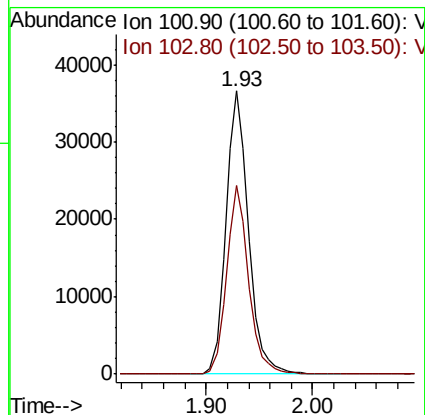
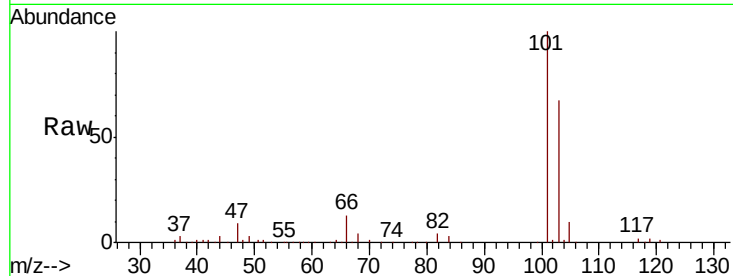


#7

Trichlorofluoromethane
 Concen: 21.584 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX009521.D
 Acq: 11 May 2019 13:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBSD01

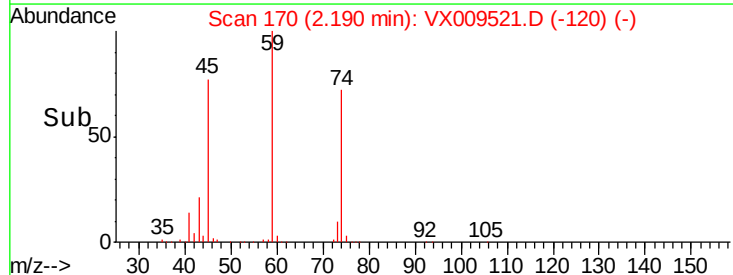
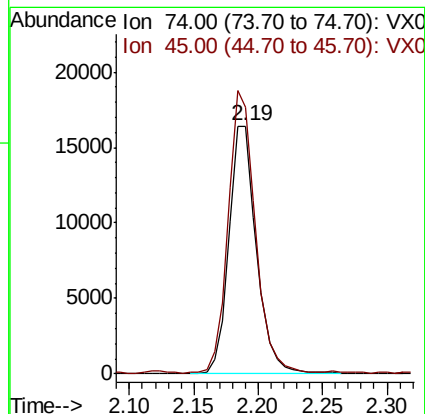
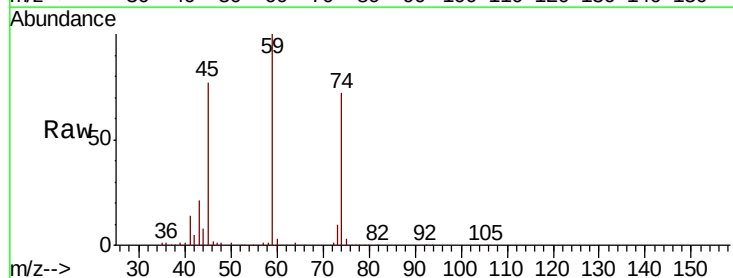
Tot Ion:101 Resp: 53808
 Ion Ratio Lower Upper
 101 100
 103 66.6 52.4 78.6

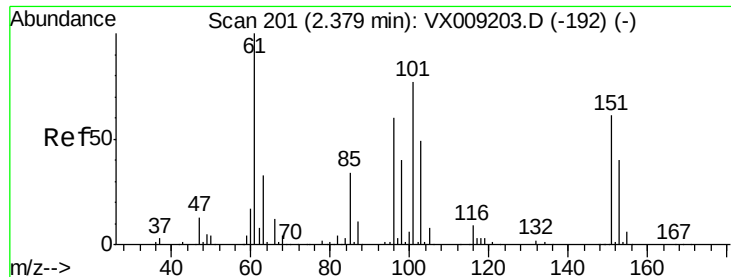


#8

Diethyl Ether
 Concen: 20.976 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009521.D
 Acq: 11 May 2019 13:34

Tgt Ion: 74 Resp: 24769
 Ion Ratio Lower Upper
 74 100
 45 111.8 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.084 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX009521.D

Acq: 11 May 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBSD01

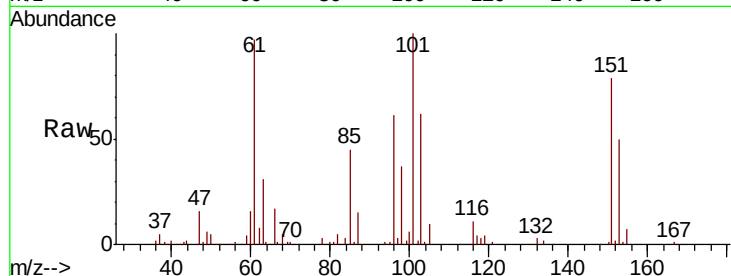
Tot Ion:101 Resp: 33007

Ion Ratio Lower Upper

101 100

85 44.0 35.7 53.5

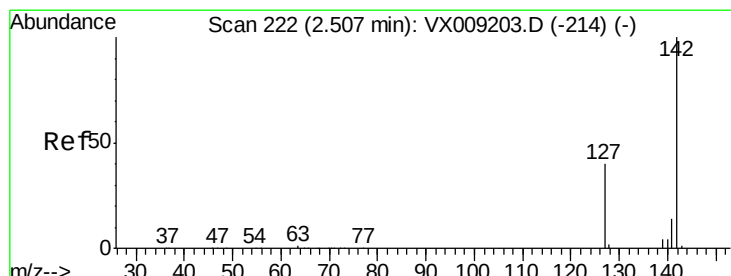
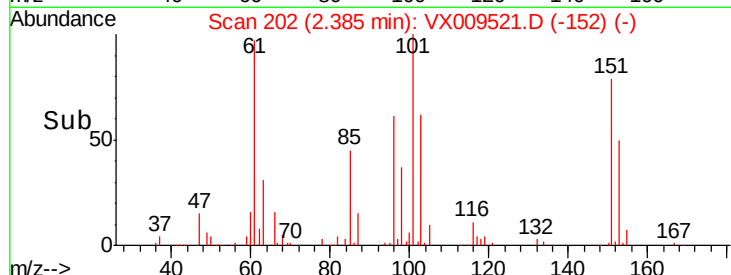
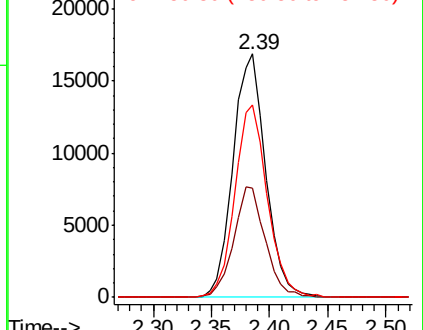
151 79.0 62.2 93.2



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: 22.506 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009521.D

Acq: 11 May 2019 13:34

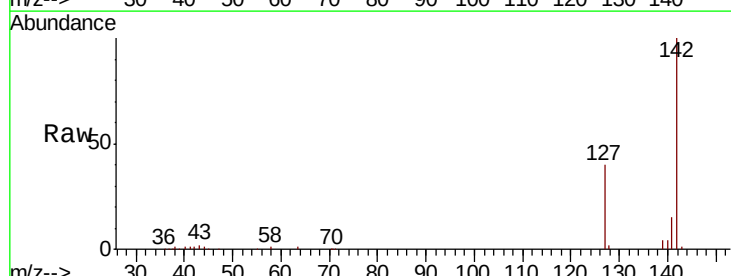
Tgt Ion:142 Resp: 35877

Ion Ratio Lower Upper

142 100

127 41.3 32.7 49.1

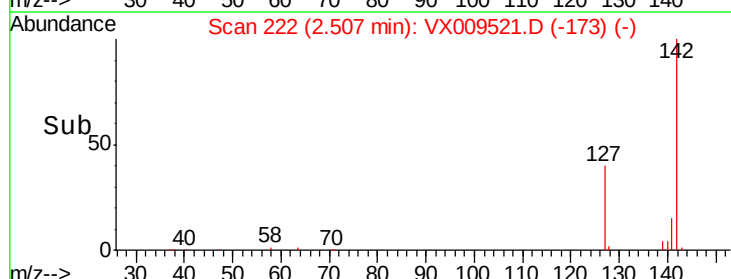
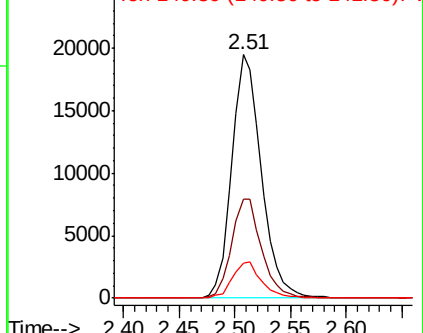
141 14.7 11.5 17.3

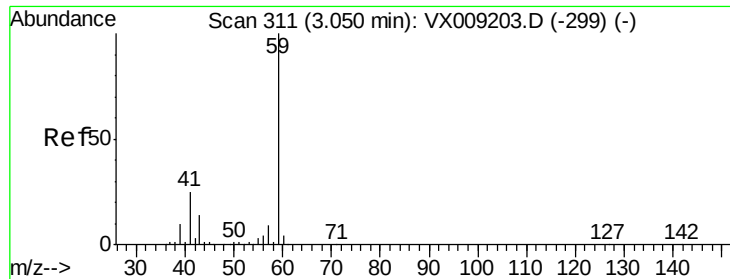


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

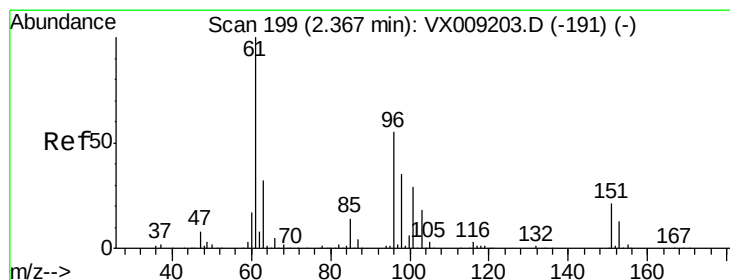
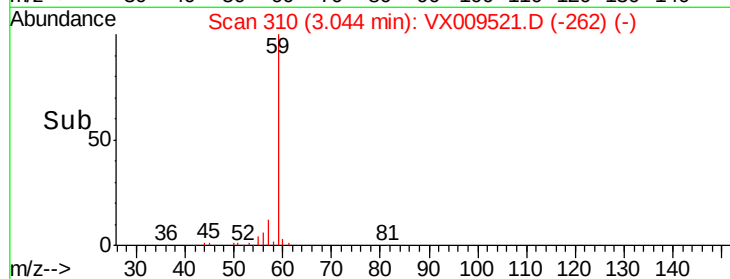
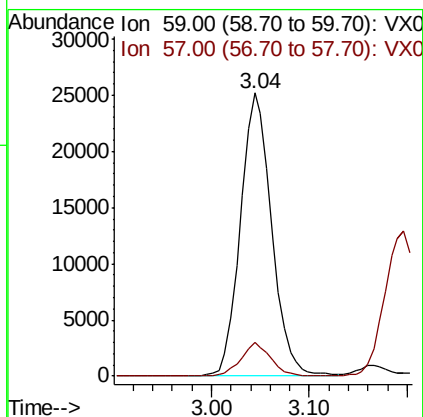
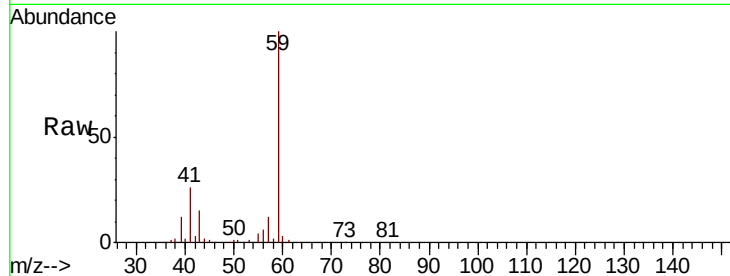




#11
Tert butyl alcohol
Concen: 105.678 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX009521.D
Acq: 11 May 2019 13:34

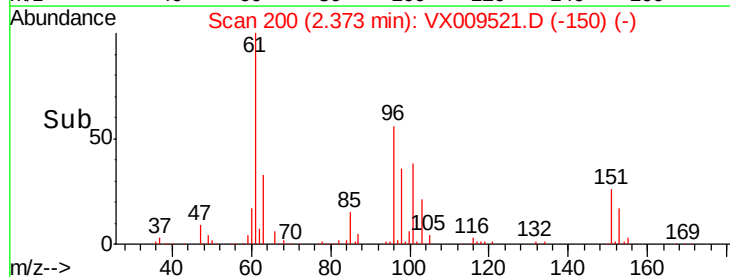
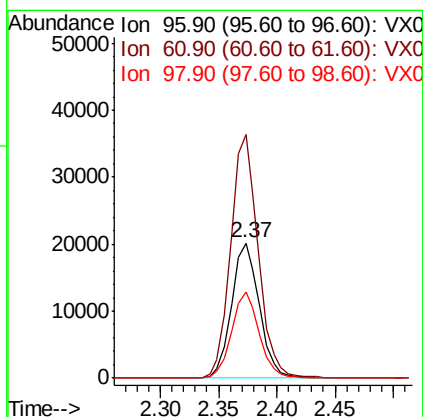
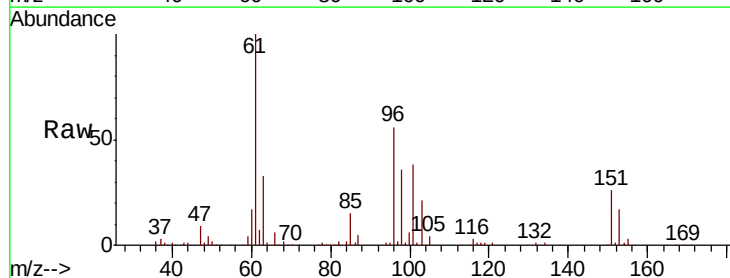
Instrument :
MSVOA_X
ClientSampleId :
VX0511WBSD01

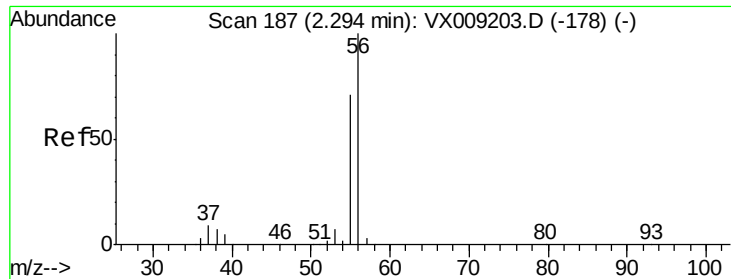
Tot Ion: 59 Resp: 55823
Ion Ratio Lower Upper
59 100
57 11.2 8.2 12.2



#12
1,1-Dichloroethene
Concen: 21.271 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX009521.D
Acq: 11 May 2019 13:34

Tgt Ion: 96 Resp: 33364
Ion Ratio Lower Upper
96 100
61 180.1 144.3 216.5
98 64.1 50.3 75.5





#13

Acrolein

Concen: 89.227 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009521.D

Acq: 11 May 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

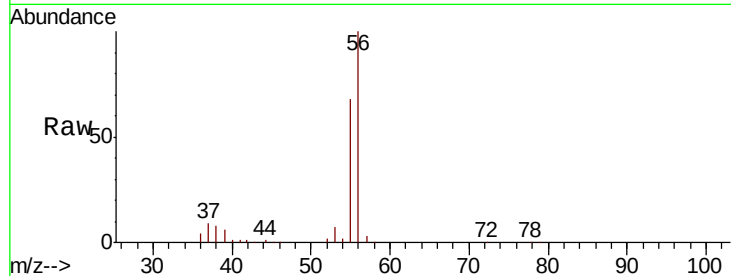
VX0511WBSD01

Tot Ion: 56 Resp: 42685

Ion Ratio Lower Upper

56 100

55 72.0 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

30000

25000

20000

15000

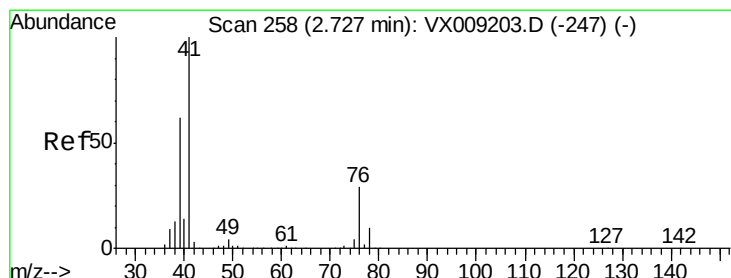
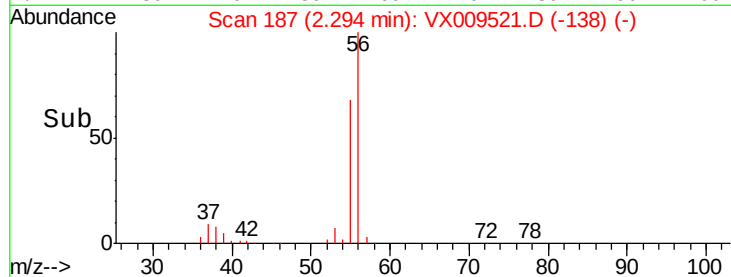
10000

5000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 20.549 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX009521.D

Acq: 11 May 2019 13:34

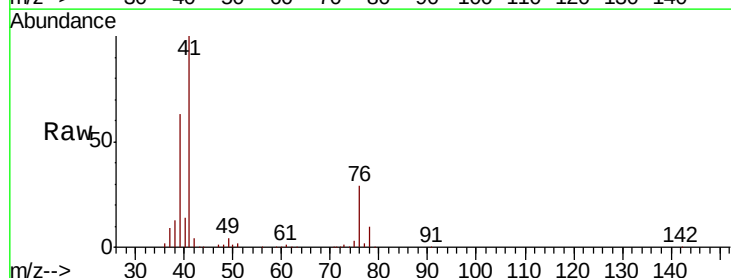
Tgt Ion: 41 Resp: 78548

Ion Ratio Lower Upper

41 100

39 60.2 46.7 70.1

76 26.7 21.8 32.8



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

50000

40000

30000

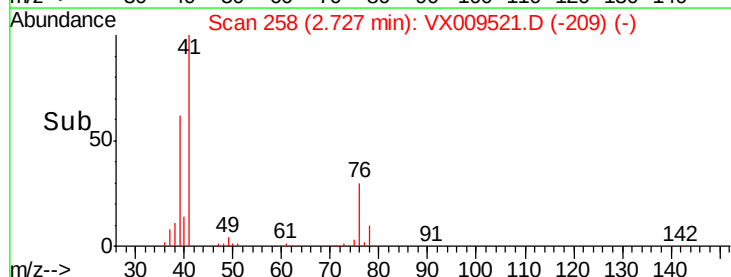
20000

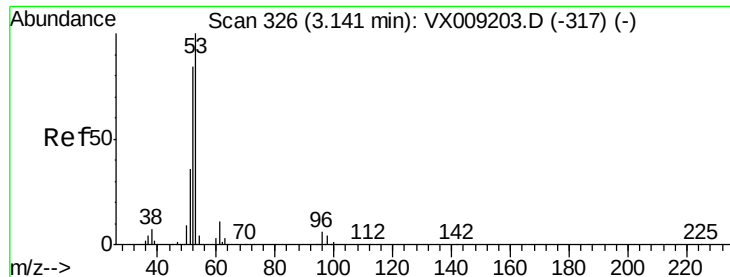
10000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 104.484 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009521.D

Acq: 11 May 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBSD01

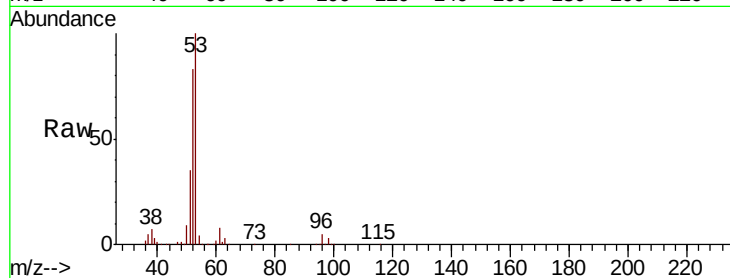
Tot Ion: 53 Resp: 134949

Ion Ratio Lower Upper

53 100

52 84.0 66.9 100.3

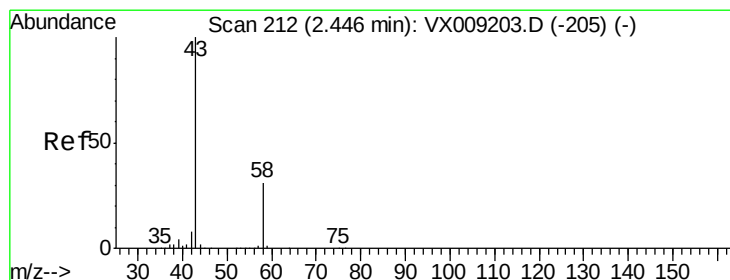
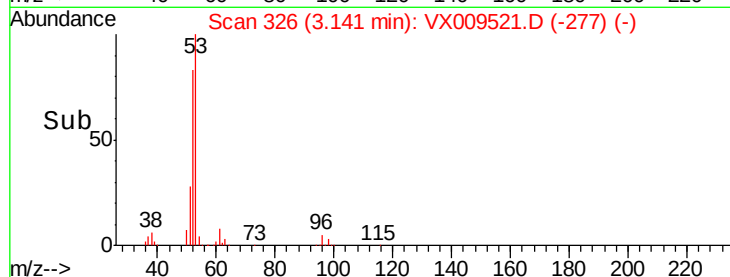
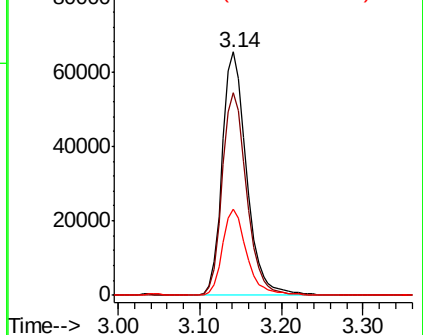
51 35.6 28.2 42.2



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: 100.842 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009521.D

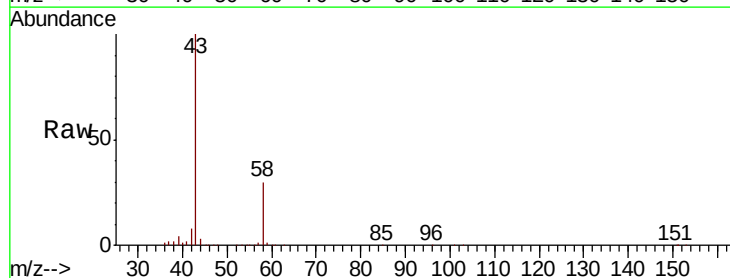
Acq: 11 May 2019 13:34

Tgt Ion: 43 Resp: 123568

Ion Ratio Lower Upper

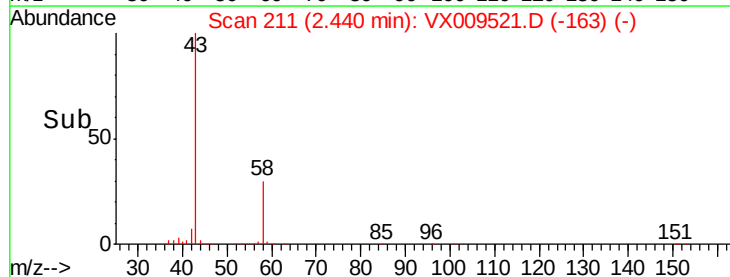
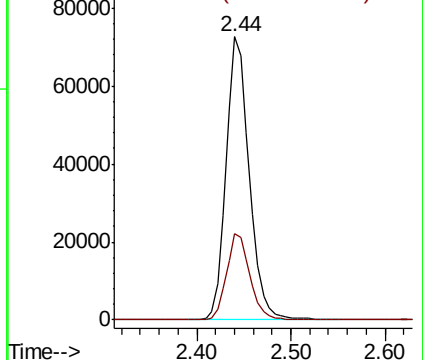
43 100

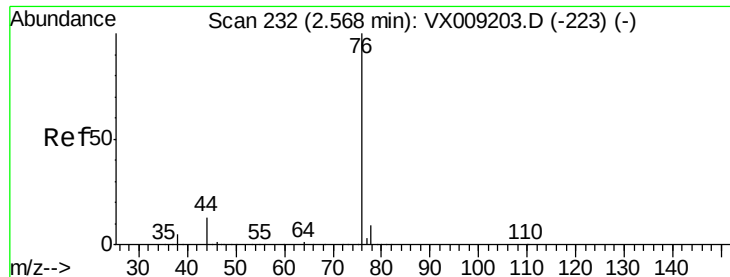
58 30.3 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 20.787 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009521.D

Acq: 11 May 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

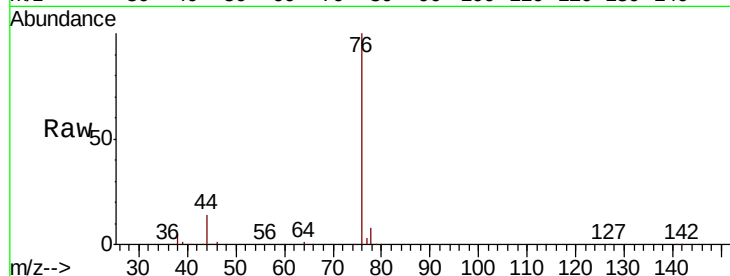
VX0511WBSD01

Tot Ion: 76 Resp: 91542

Ion Ratio Lower Upper

76 100

78 8.3 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

60000

50000

40000

30000

20000

10000

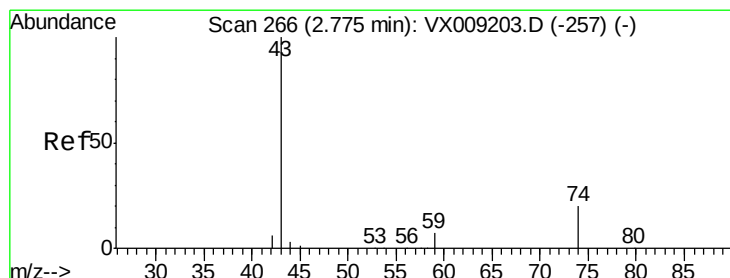
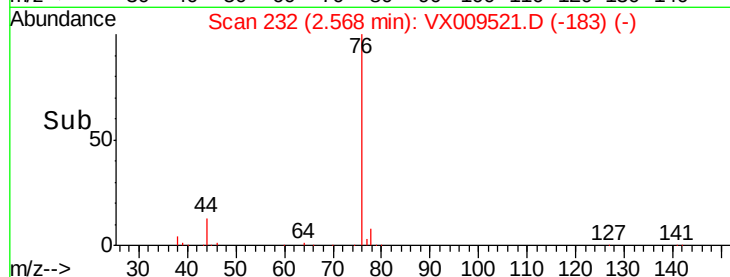
0

Time-->

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 19.789 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX009521.D

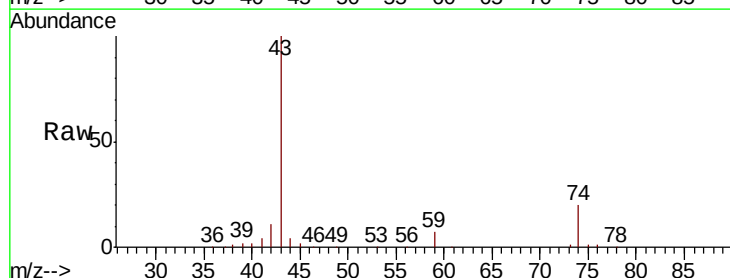
Acq: 11 May 2019 13:34

Tgt Ion: 43 Resp: 57669

Ion Ratio Lower Upper

43 100

74 20.3 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.77

30000

20000

10000

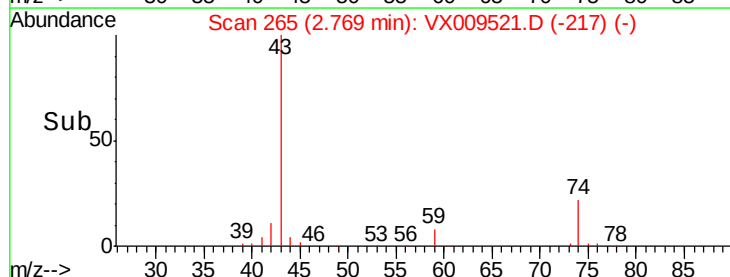
0

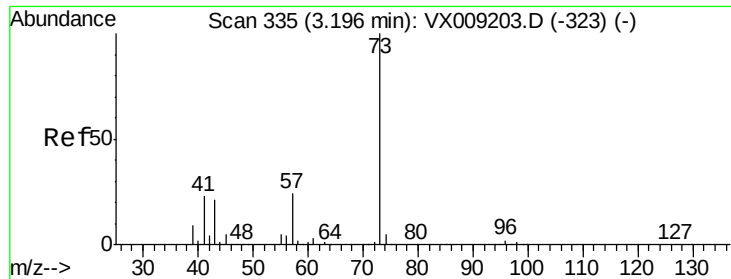
Time-->

2.70

2.80

2.90



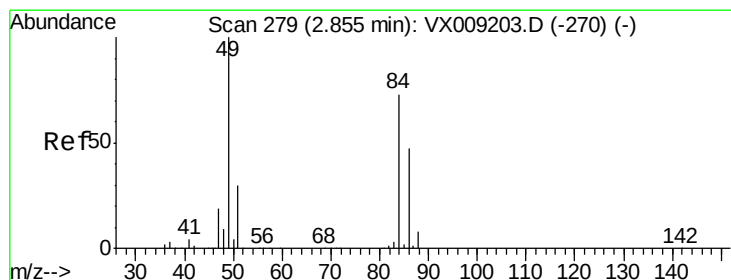
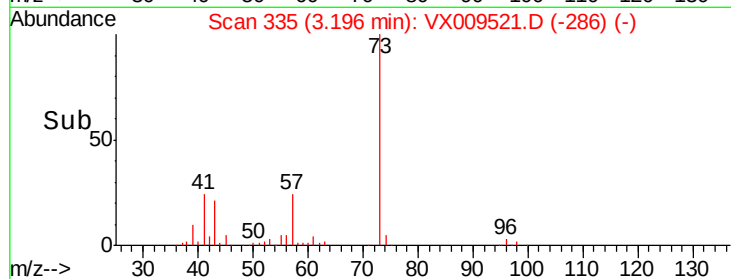
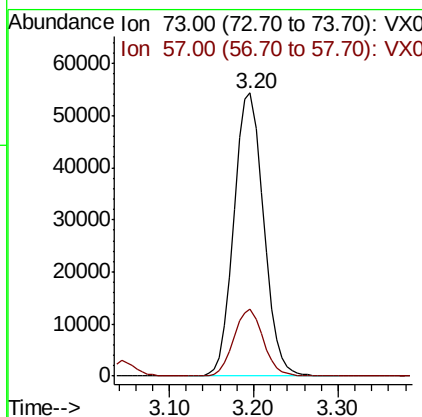
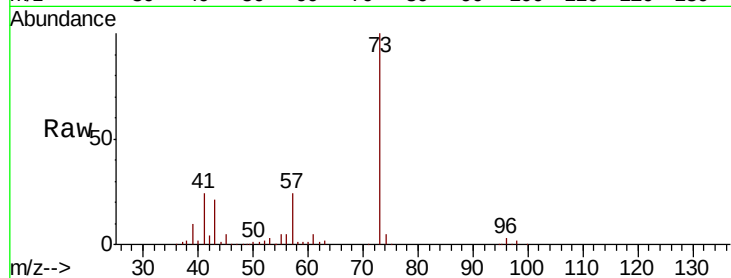


#19

Methyl tert-butyl Ether
 Concen: 21.284 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX009521.D
 Acq: 11 May 2019 13:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBSD01

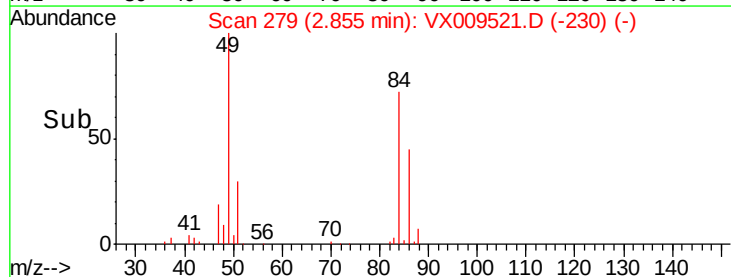
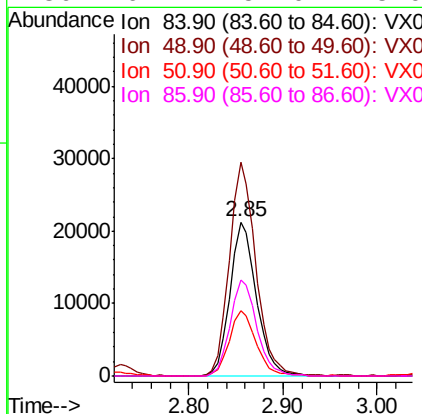
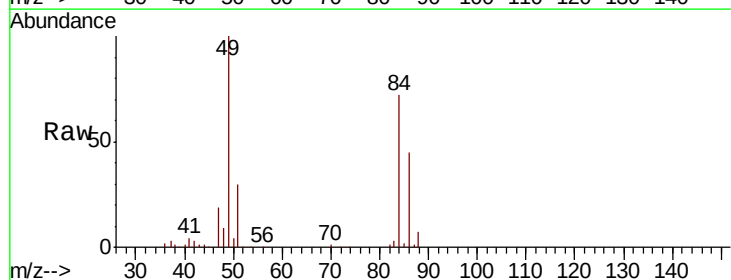
Tot Ion: 73 Resp: 129642
 Ion Ratio Lower Upper
 73 100
 57 23.9 19.3 28.9

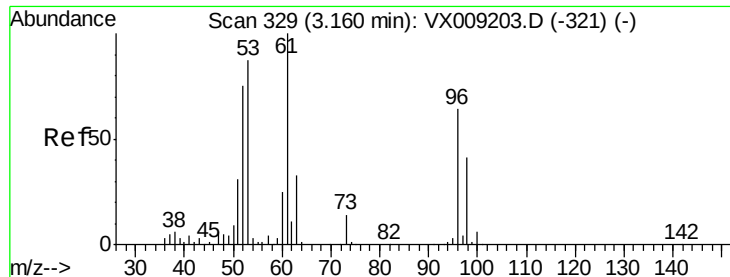


#20

Methylene Chloride
 Concen: 20.853 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX009521.D
 Acq: 11 May 2019 13:34

Tgt Ion: 84 Resp: 41374
 Ion Ratio Lower Upper
 84 100
 49 138.6 109.9 164.9
 51 42.3 32.7 49.1
 86 62.7 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 21.310 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009521.D

Acq: 11 May 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBSD01

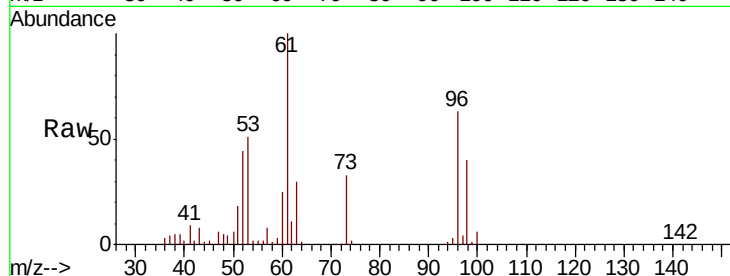
Tot Ion: 96 Resp: 36249

Ion Ratio Lower Upper

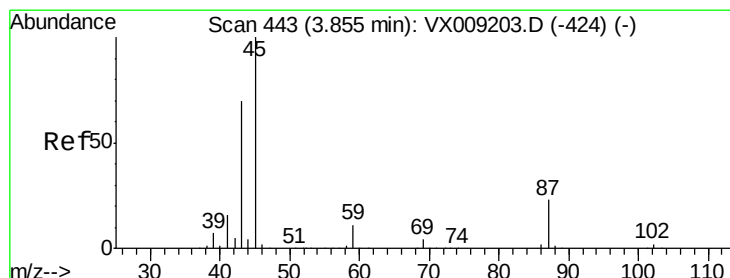
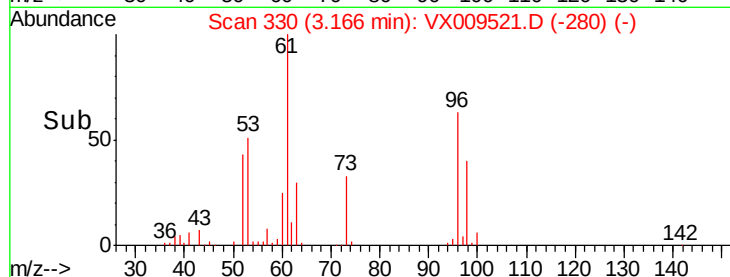
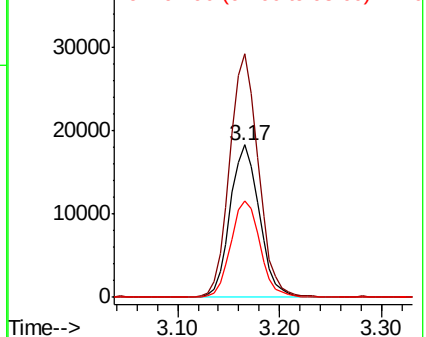
96 100

61 159.8 124.5 186.7

98 63.7 50.4 75.6



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: 21.345 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX009521.D

Acq: 11 May 2019 13:34

Tgt Ion: 45 Resp: 156909

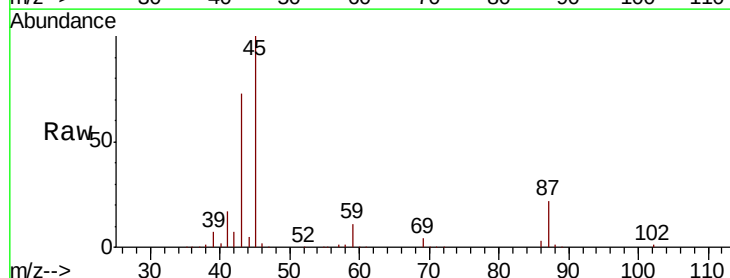
Ion Ratio Lower Upper

45 100

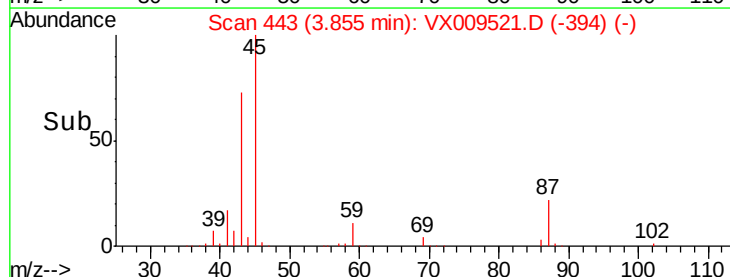
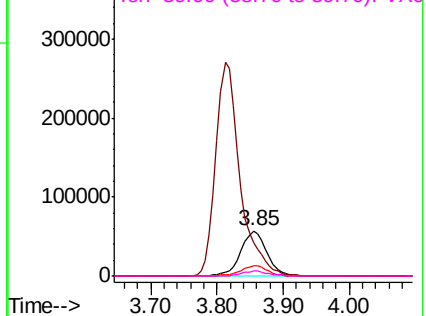
43 72.4 56.1 84.1

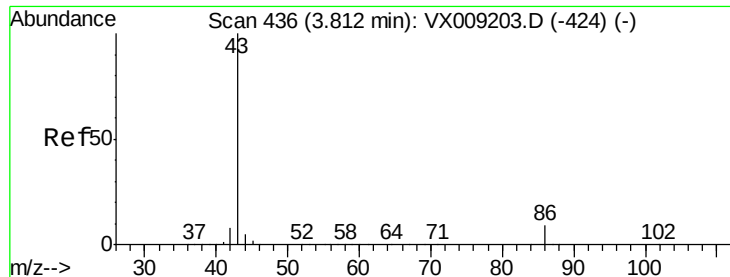
87 22.4 18.1 27.1

59 10.7 8.5 12.7



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: 110.300 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX009521.D

Acq: 11 May 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

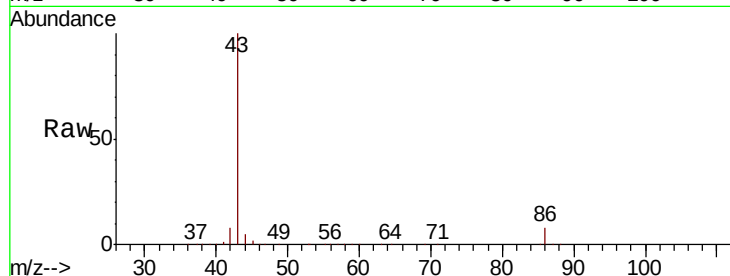
VX0511WBSD01

Tot Ion: 43 Resp: 694317

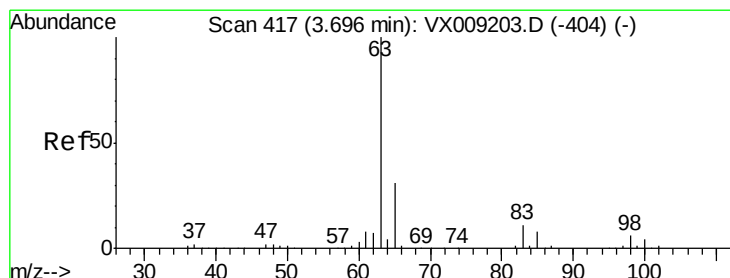
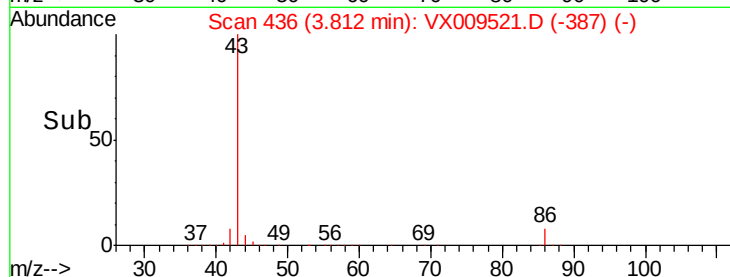
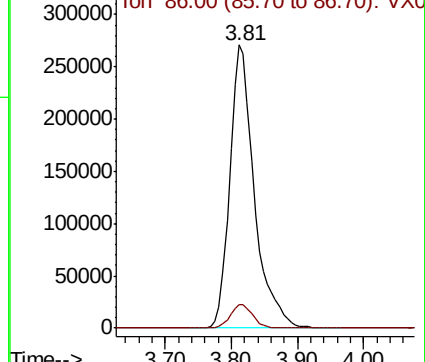
Ion Ratio Lower Upper

43 100

86 8.2 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0



#24

1,1-Dichloroethane

Concen: 20.976 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009521.D

Acq: 11 May 2019 13:34

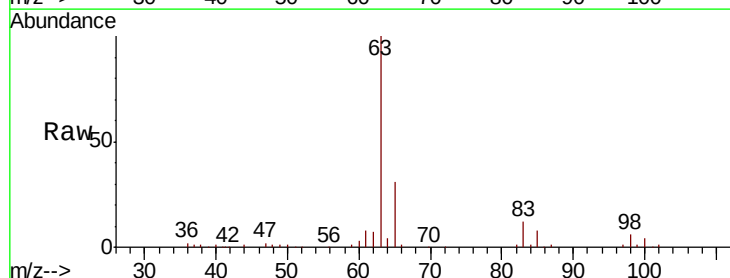
Tgt Ion: 63 Resp: 76068

Ion Ratio Lower Upper

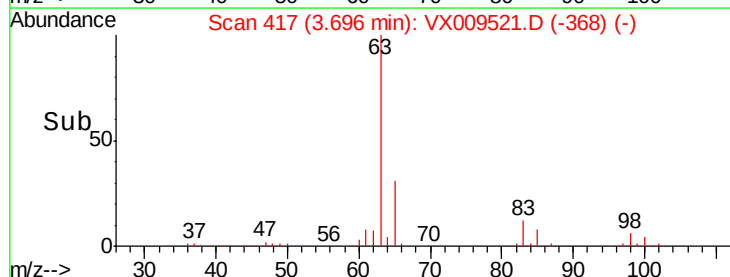
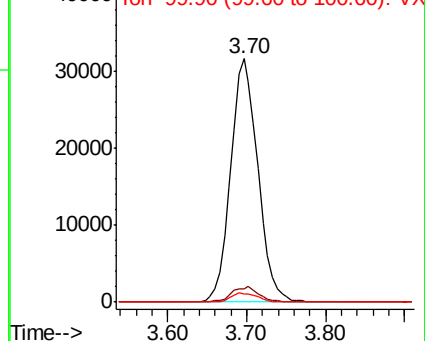
63 100

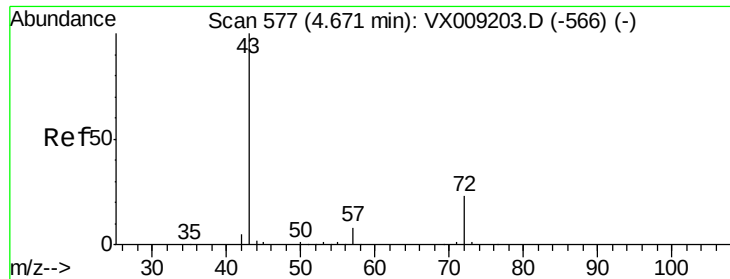
98 5.6 3.0 9.2

100 3.6 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0





#25

2-Butanone

Concen: 105.907 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX009521.D

Acq: 11 May 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

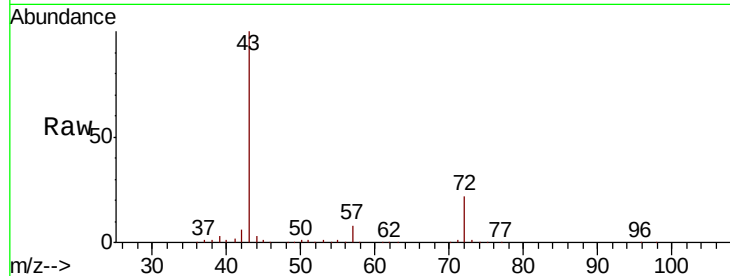
VX0511WBSD01

Tot Ion: 43 Resp: 201666

Ion Ratio Lower Upper

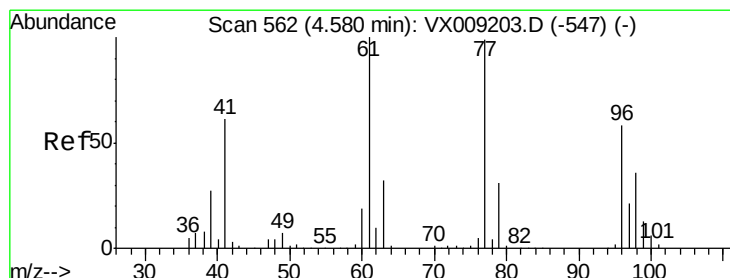
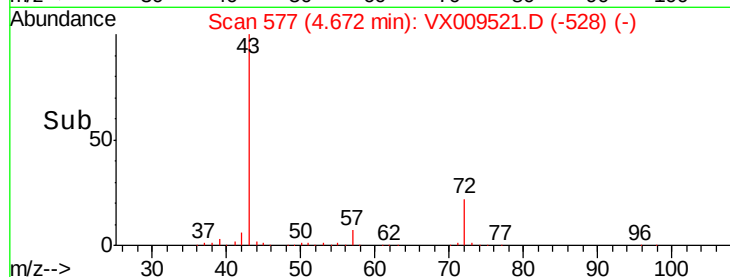
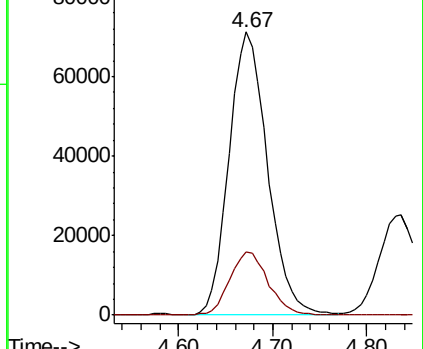
43 100

72 22.1 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.755 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX009521.D

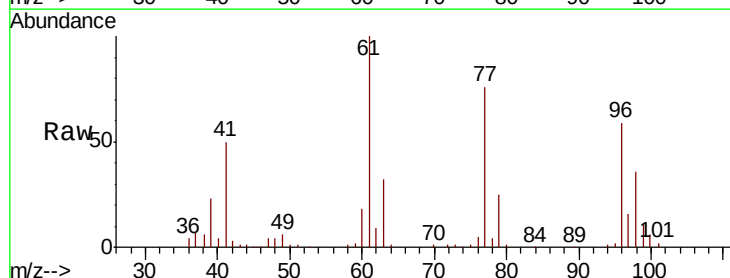
Acq: 11 May 2019 13:34

Tgt Ion: 77 Resp: 53325

Ion Ratio Lower Upper

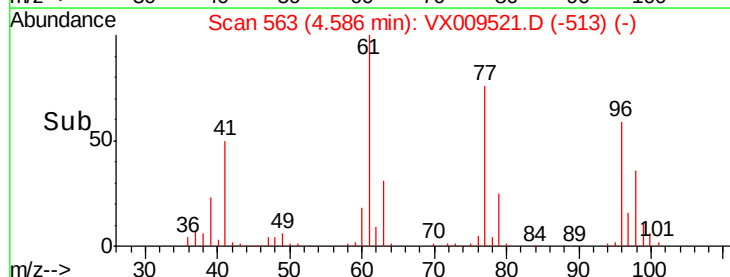
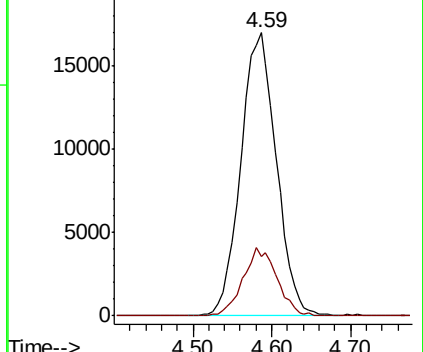
77 100

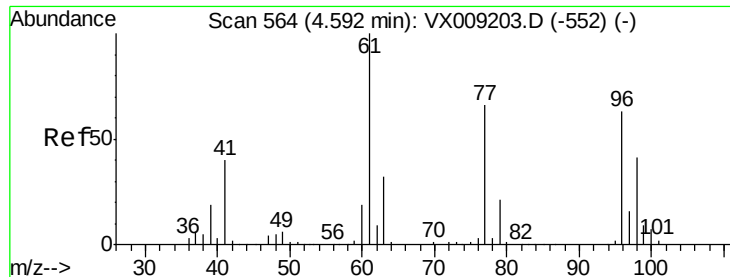
97 22.9 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



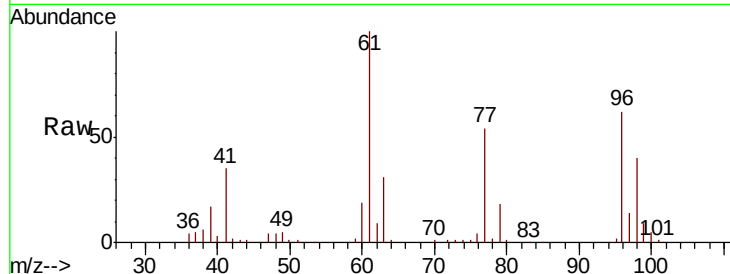


#27

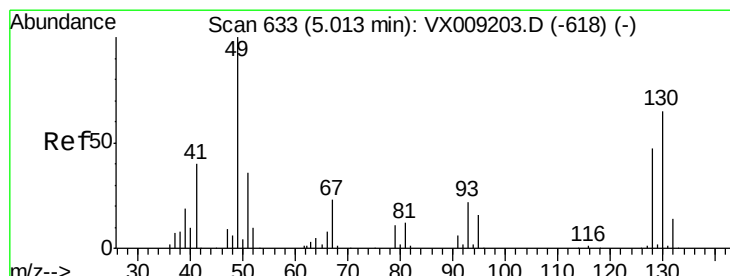
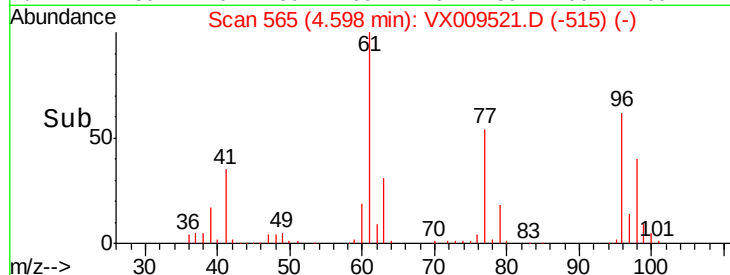
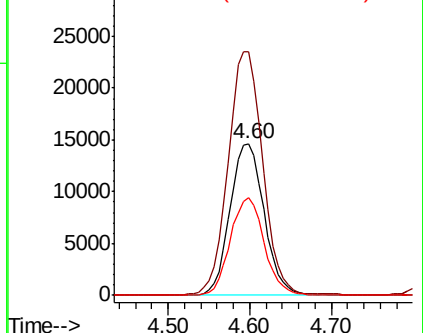
cis-1,2-Dichloroethene
 Concen: 20.920 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX009521.D
 Acq: 11 May 2019 13:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBSD01

Tot Ion: 96 Resp: 42477
 Ion Ratio Lower Upper
 96 100
 61 162.1 0.0 324.0
 98 63.7 0.0 130.4



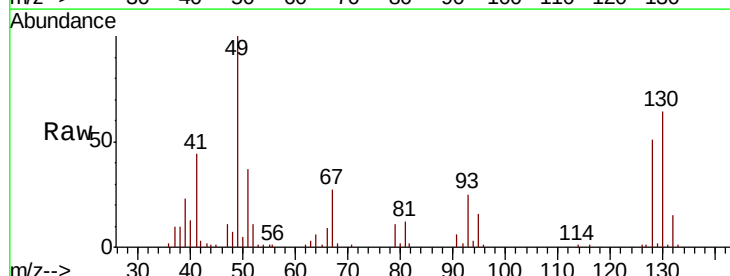
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



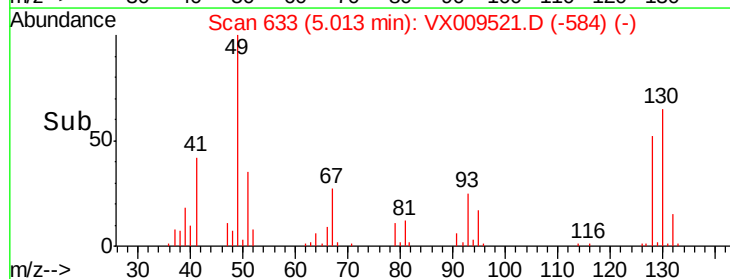
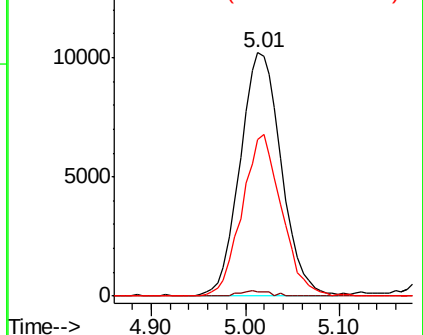
#28

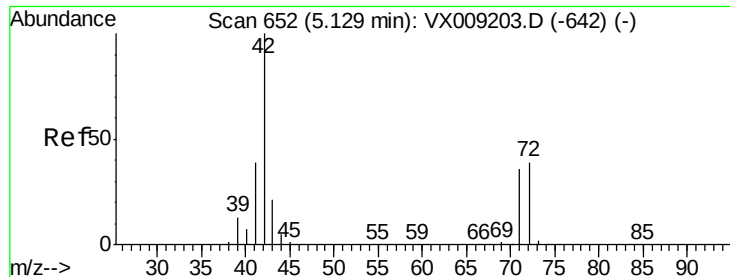
Bromochloromethane
 Concen: 19.866 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX009521.D
 Acq: 11 May 2019 13:34

Tgt Ion: 49 Resp: 31411
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.8
 130 63.4 51.2 76.8



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: 108.203 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX009521.D

Acq: 11 May 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBSD01

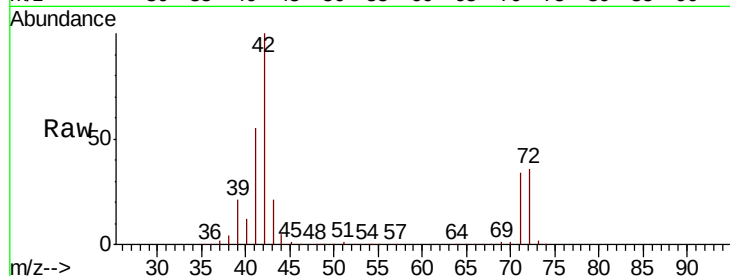
Tot Ion: 42 Resp: 132585

Ion Ratio Lower Upper

42 100

72 37.5 30.4 45.6

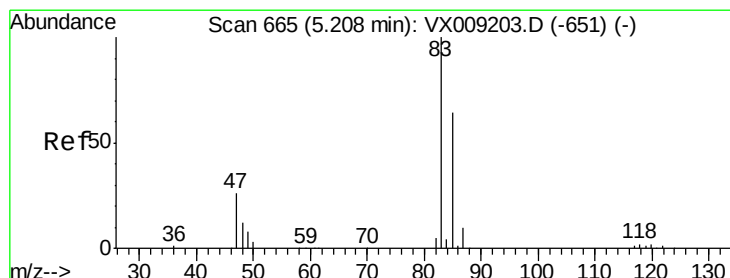
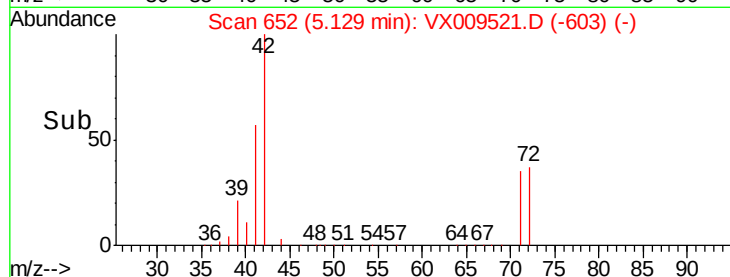
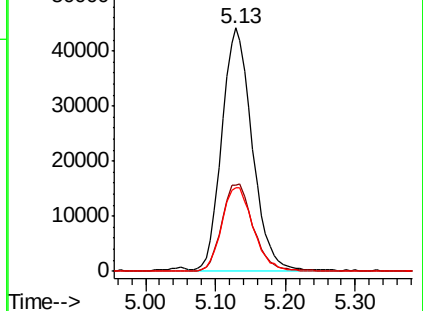
71 35.8 28.6 43.0



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: 21.434 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX009521.D

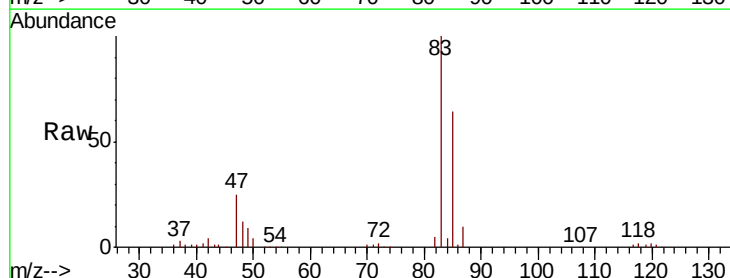
Acq: 11 May 2019 13:34

Tgt Ion: 83 Resp: 70299

Ion Ratio Lower Upper

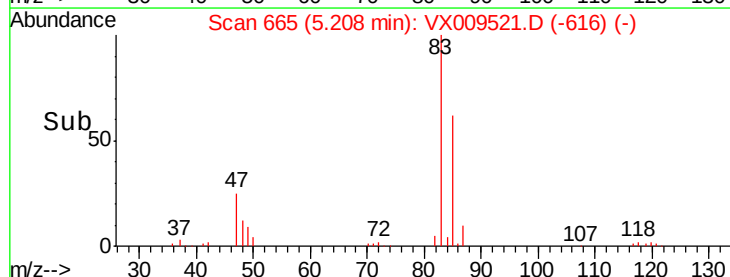
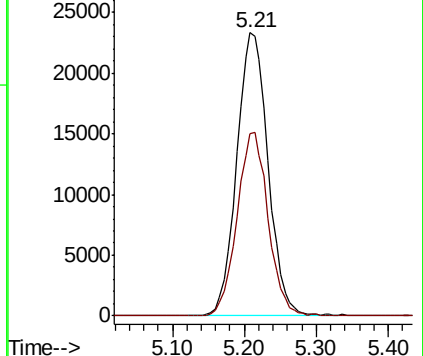
83 100

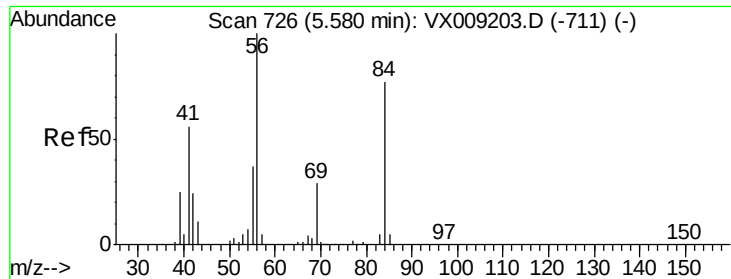
85 64.4 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

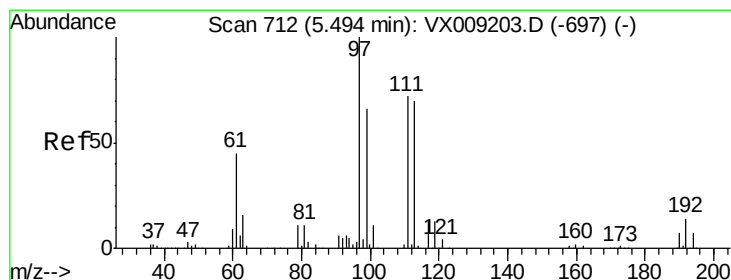
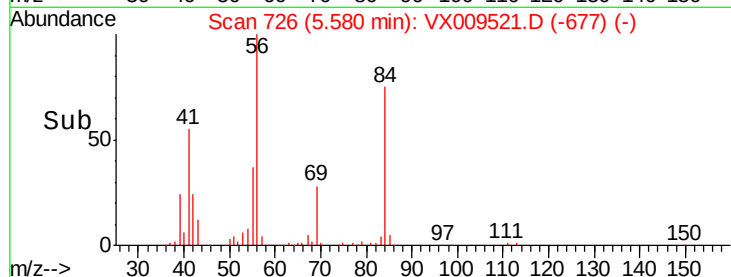
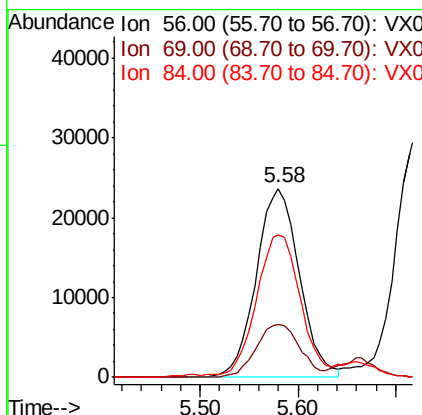
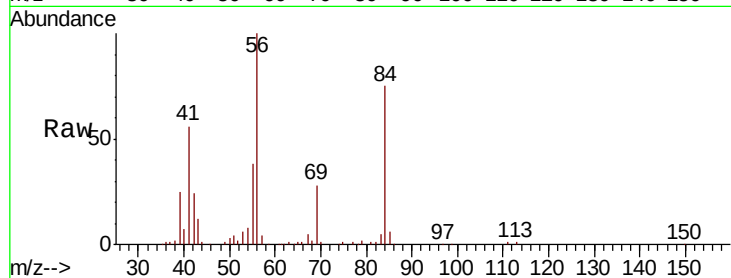




#31
Cyclohexane
Concen: 21.507 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX009521.D
Acq: 11 May 2019 13:34

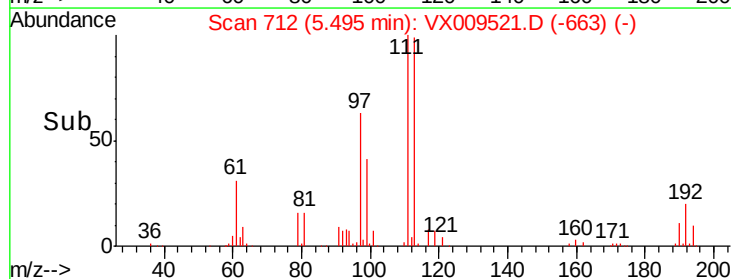
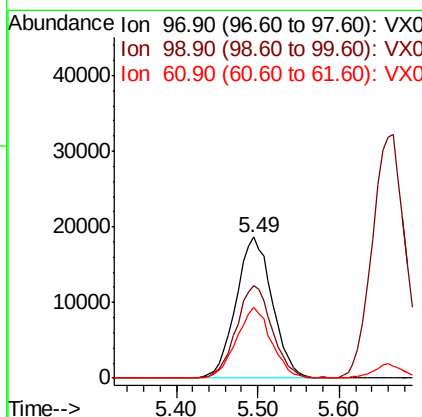
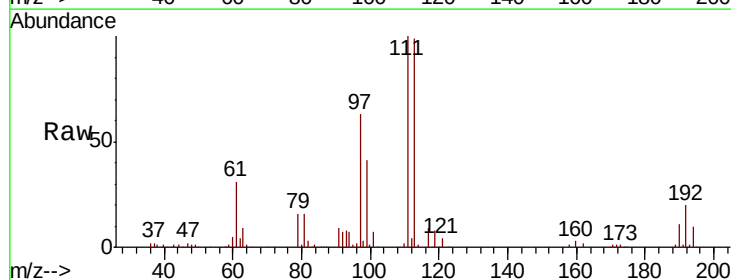
Instrument :
MSVOA_X
ClientSampleId :
VX0511WBSD01

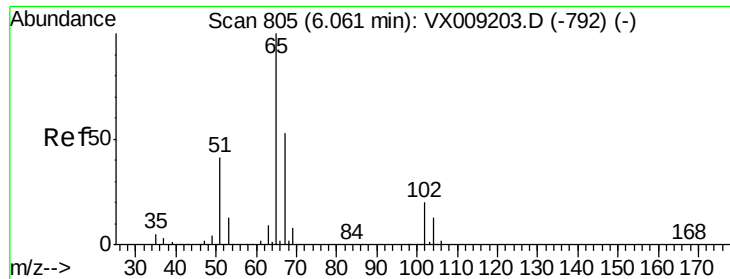
Tot Ion: 56 Resp: 72563
Ion Ratio Lower Upper
56 100
69 27.8 23.4 35.0
84 73.9 61.9 92.9



#32
1,1,1-Trichloroethane
Concen: 21.018 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX009521.D
Acq: 11 May 2019 13:34

Tgt Ion: 97 Resp: 57387
Ion Ratio Lower Upper
97 100
99 64.8 51.8 77.8
61 48.1 37.8 56.8

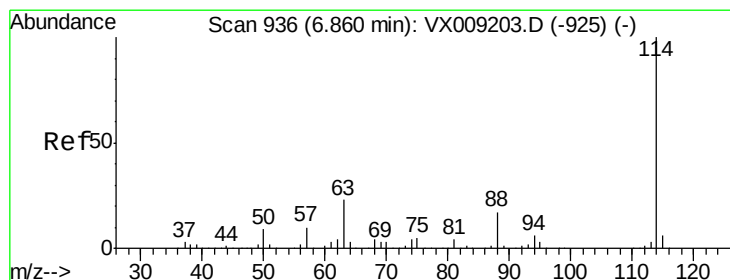
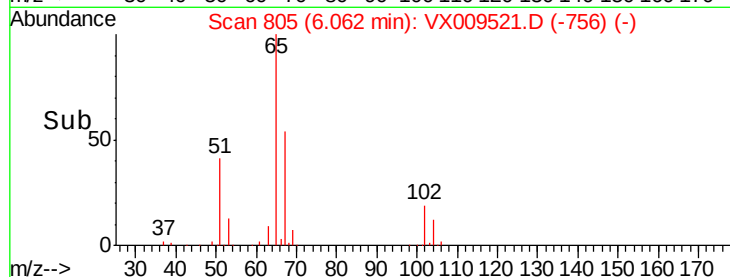
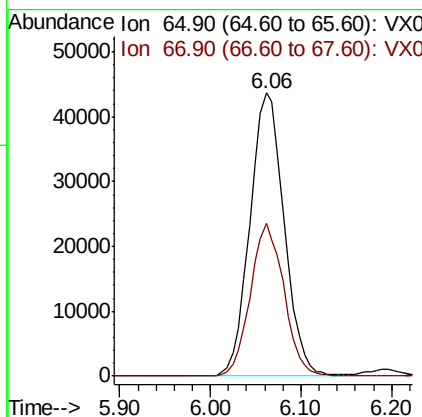
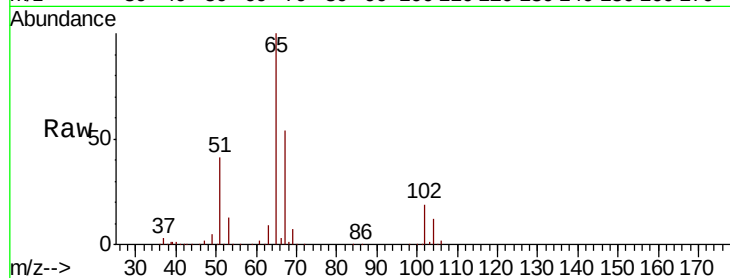




#33
 1,2-Dichloroethane-d4
 Concen: 50.010 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009521.D
 Acq: 11 May 2019 13:34

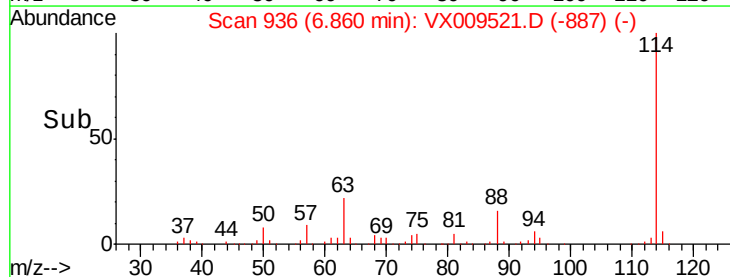
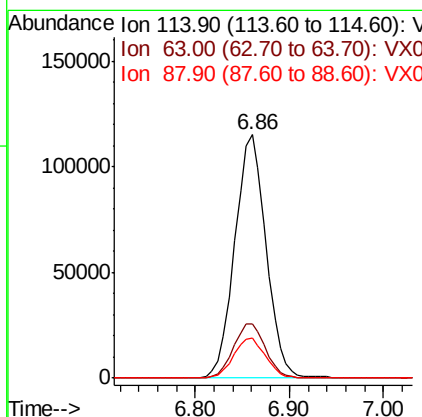
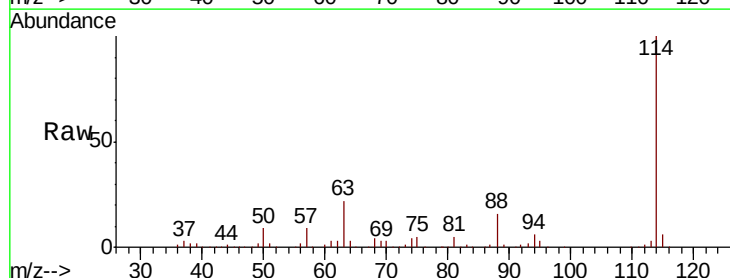
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBSD01

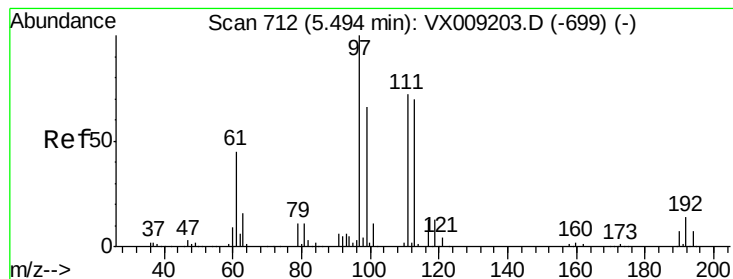
Tot Ion: 65 Resp: 114124
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009521.D
 Acq: 11 May 2019 13:34

Tgt Ion: 114 Resp: 266196
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 45.6
 88 16.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.593 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX009521.D

Acq: 11 May 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBSD01

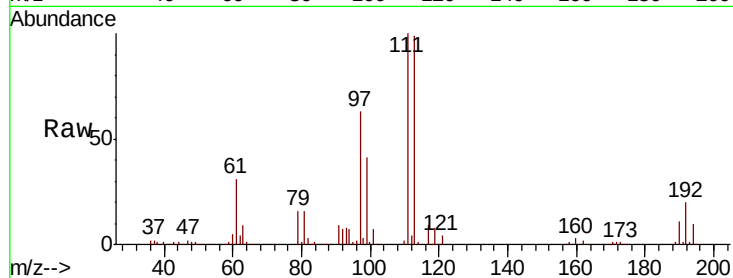
Tot Ion:113 Resp: 84663

Ion Ratio Lower Upper

113 100

111 102.7 82.8 124.2

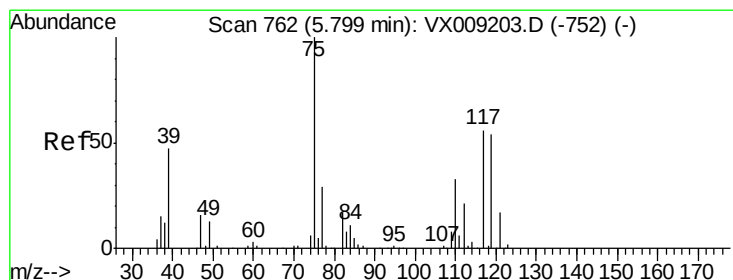
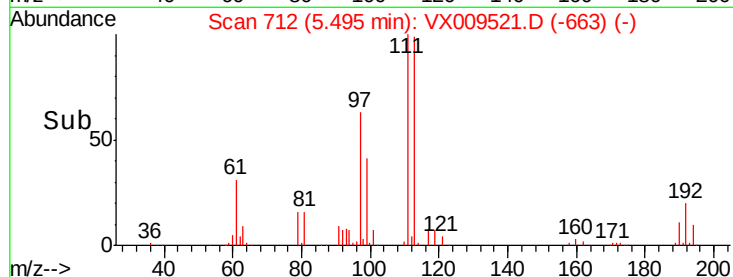
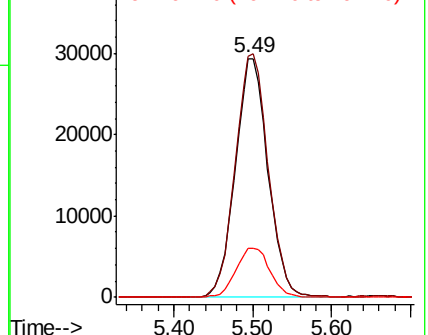
192 21.3 17.0 25.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 21.128 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX009521.D

Acq: 11 May 2019 13:34

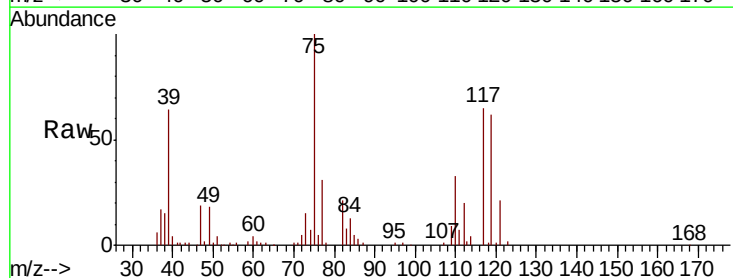
Tgt Ion: 75 Resp: 52266

Ion Ratio Lower Upper

75 100

110 34.4 16.9 50.6

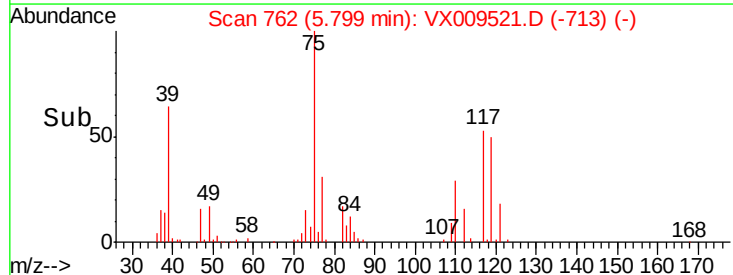
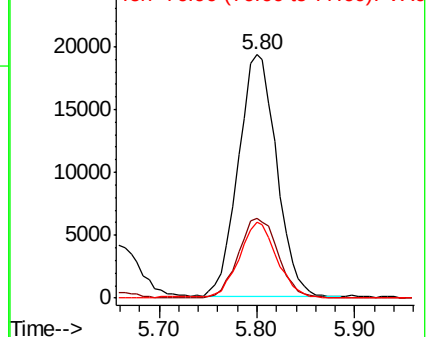
77 31.0 24.8 37.2

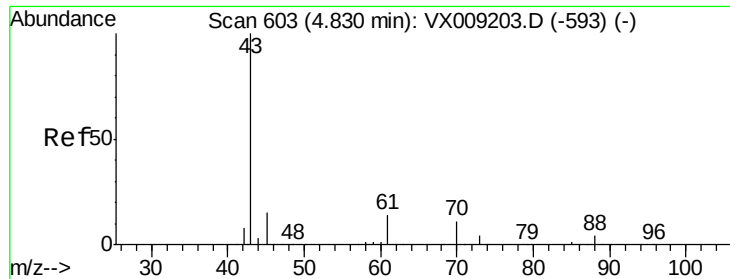


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

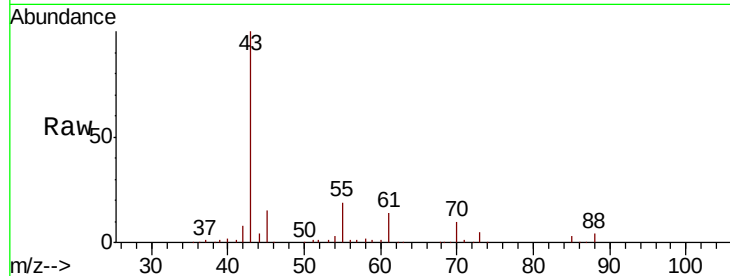




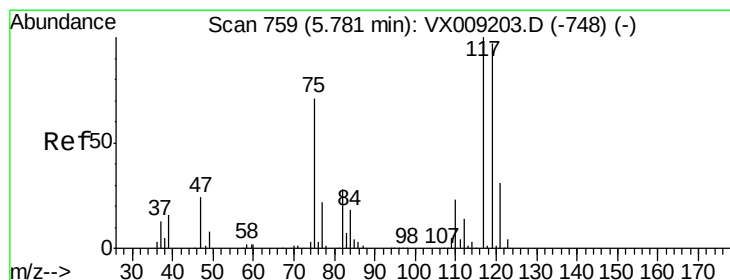
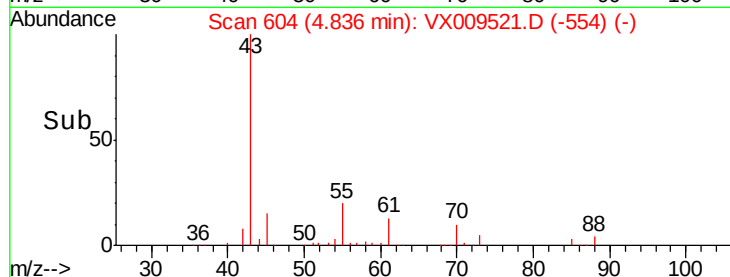
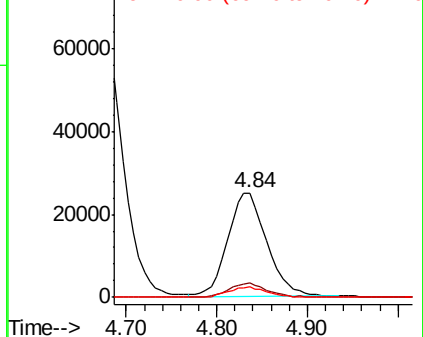
#37
Ethyl Acetate
Concen: 21.626 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX009521.D
Acq: 11 May 2019 13:34

Instrument :
MSVOA_X
ClientSampleId :
VX0511WBSD01

Tot Ion: 43 Resp: 74539
Ion Ratio Lower Upper
43 100
61 13.7 10.5 15.7
70 9.8 7.9 11.9

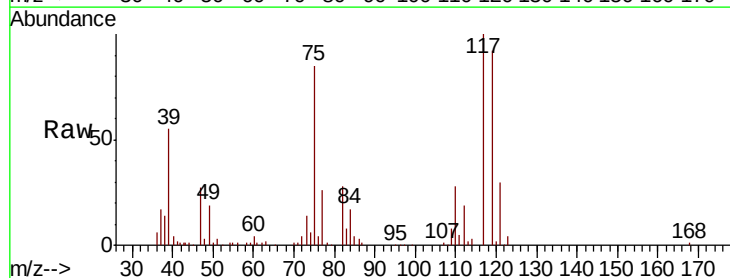


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

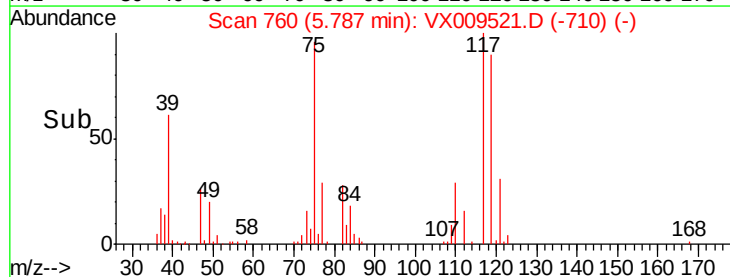
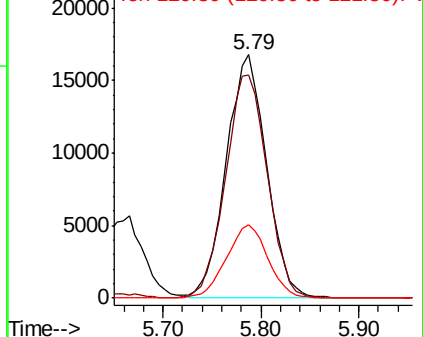


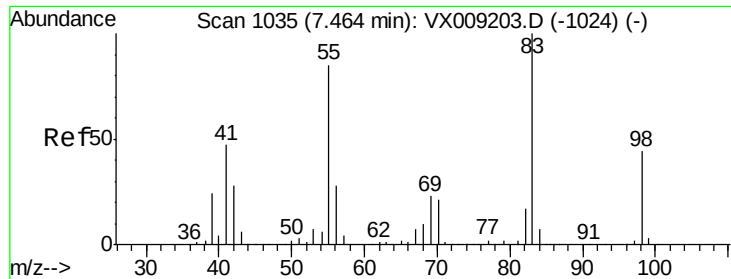
#38
Carbon Tetrachloride
Concen: 21.366 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX009521.D
Acq: 11 May 2019 13:34

Tgt Ion: 117 Resp: 48022
Ion Ratio Lower Upper
117 100
119 91.8 77.5 116.3
121 30.1 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

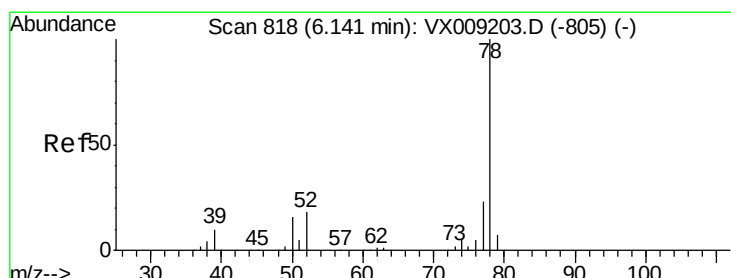
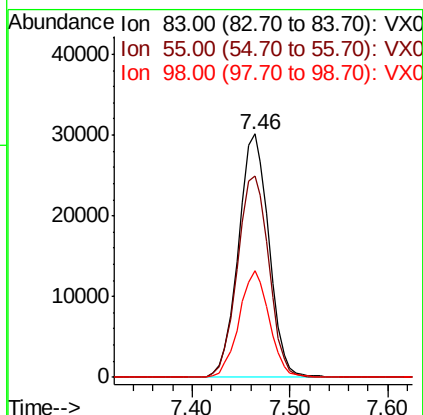
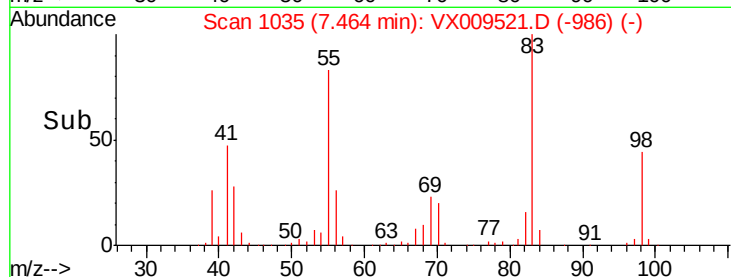
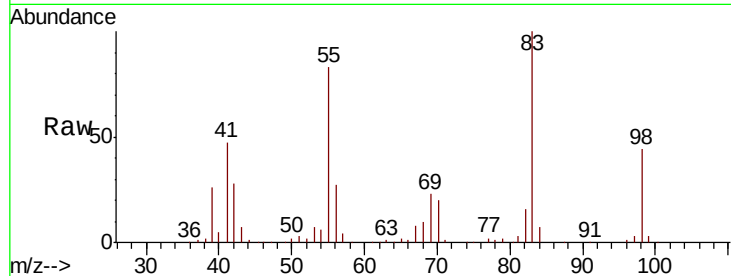




#39
Methylvlcyclohexane
Concen: 21.486 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009521.D
Acq: 11 May 2019 13:34

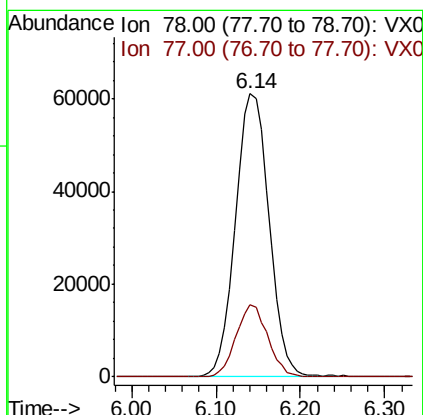
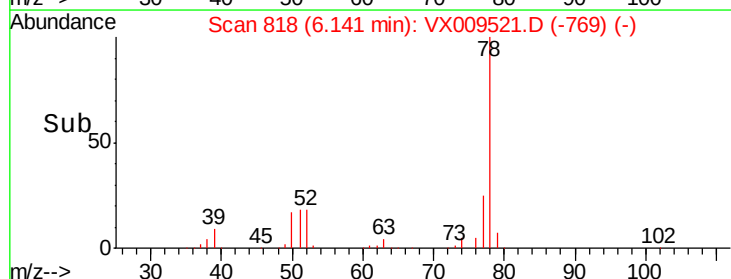
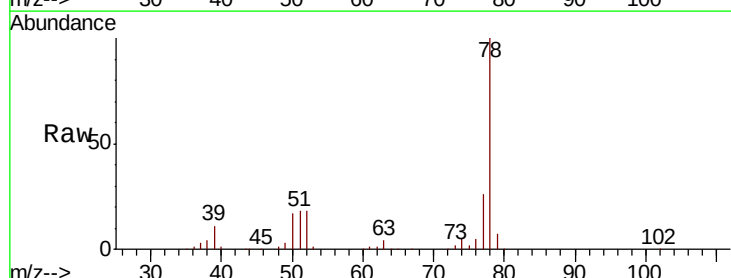
Instrument :
MSVOA_X
ClientSampleId :
VX0511WBSD01

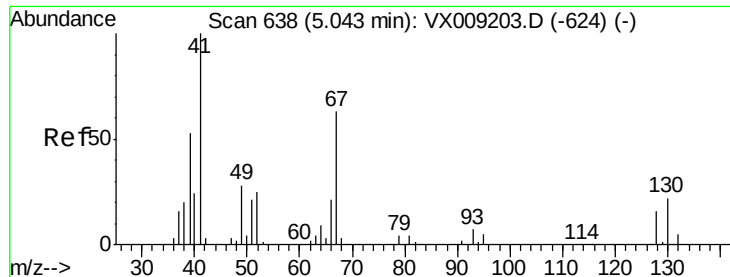
Tot Ion: 83 Resp: 65275
Ion Ratio Lower Upper
83 100
55 82.5 67.7 101.5
98 43.7 35.5 53.3



#40
Benzene
Concen: 21.556 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX009521.D
Acq: 11 May 2019 13:34

Tgt Ion: 78 Resp: 165035
Ion Ratio Lower Upper
78 100
77 25.6 18.8 28.2





#41

Methacrylonitrile

Concen: 20.873 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX009521.D

Acq: 11 May 2019 13:34

Instrument :

MSVOA_X

ClientSampled :

VX0511WBSD01

Tot Ion: 41 Resp: 42826

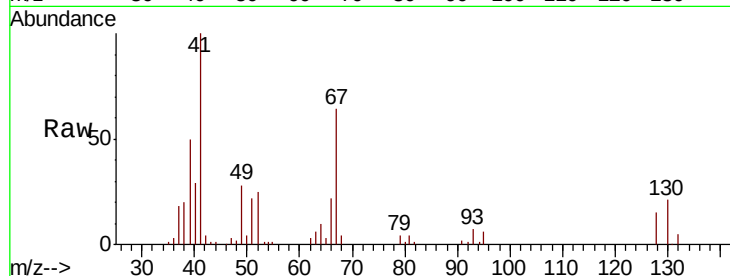
Ion Ratio Lower Upper

41 100

39 54.3 42.0 63.0

67 64.4 49.8 74.8

52 27.4 20.3 30.5

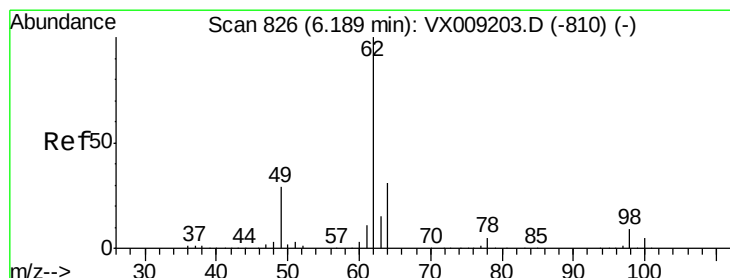
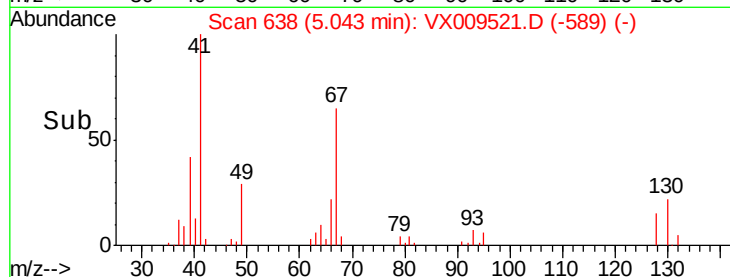
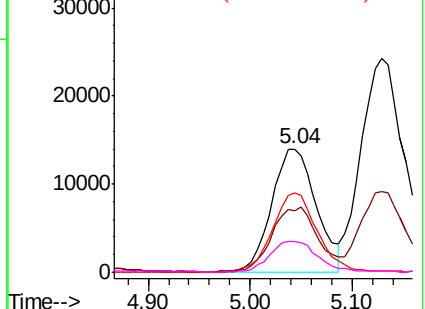


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 21.783 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX009521.D

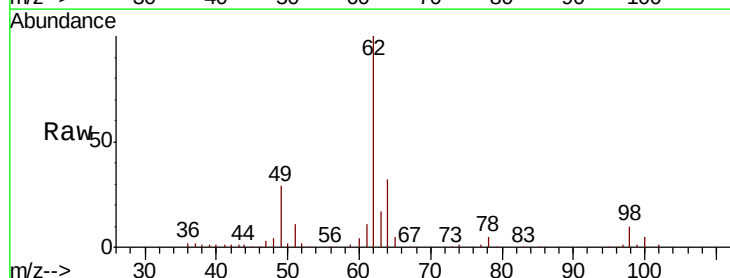
Acq: 11 May 2019 13:34

Tgt Ion: 62 Resp: 59823

Ion Ratio Lower Upper

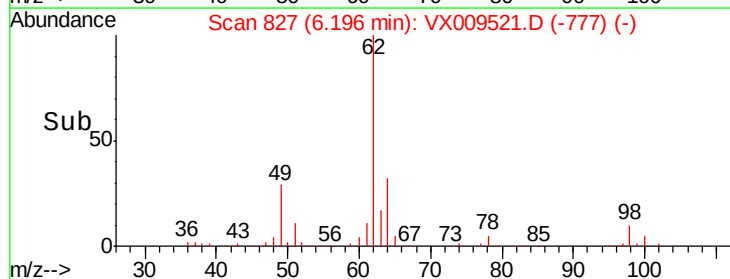
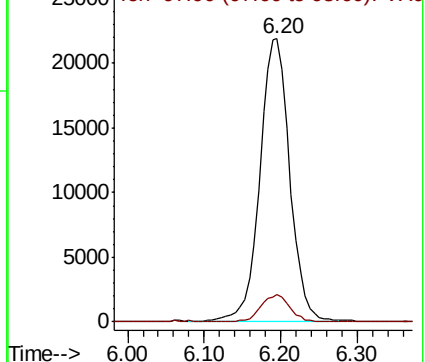
62 100

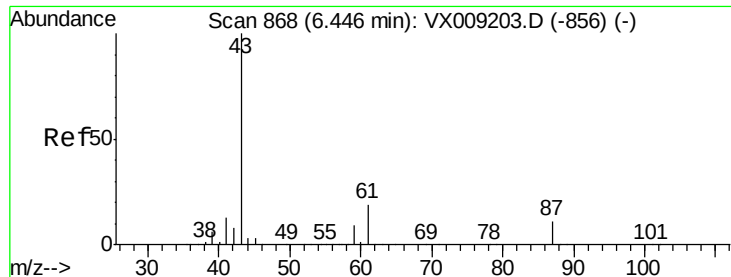
98 9.2 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 21.305 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX009521.D

Acq: 11 May 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBSD01

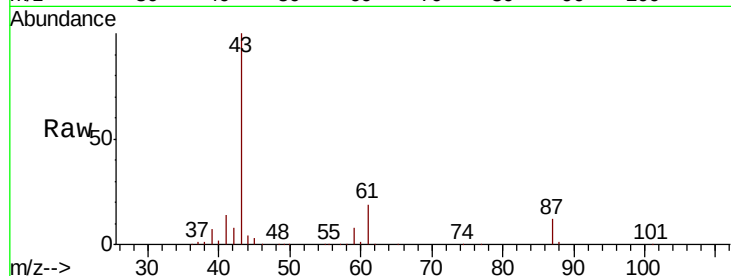
Tot Ion: 43 Resp: 117459

Ion Ratio Lower Upper

43 100

61 19.3 15.1 22.7

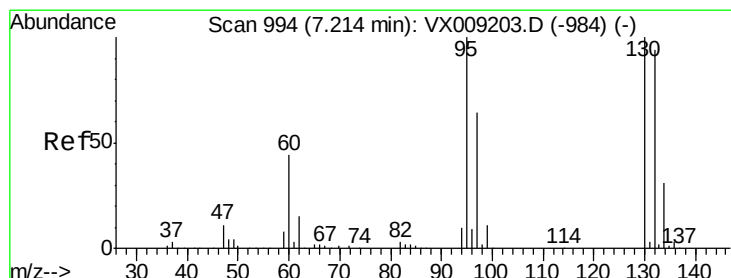
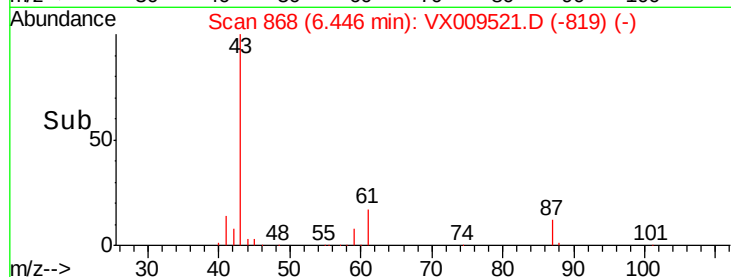
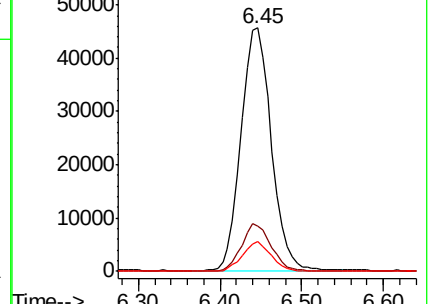
87 11.5 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 20.986 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX009521.D

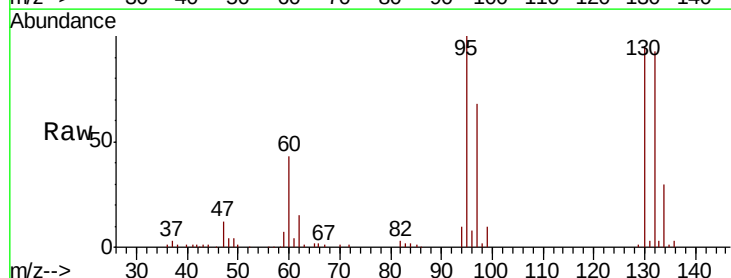
Acq: 11 May 2019 13:34

Tgt Ion:130 Resp: 38841

Ion Ratio Lower Upper

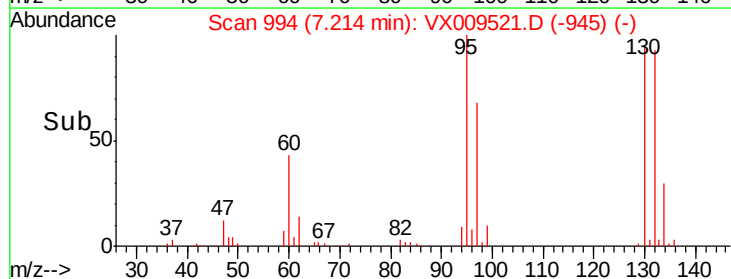
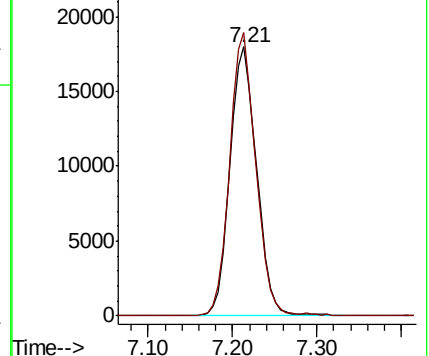
130 100

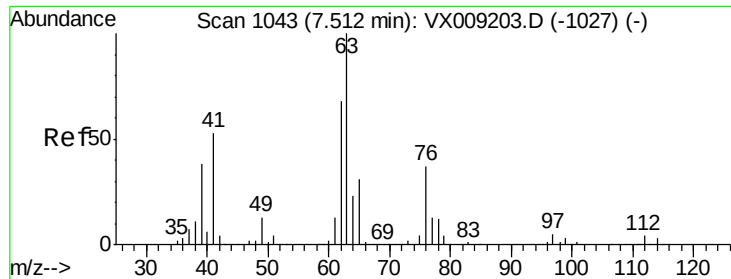
95 105.3 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

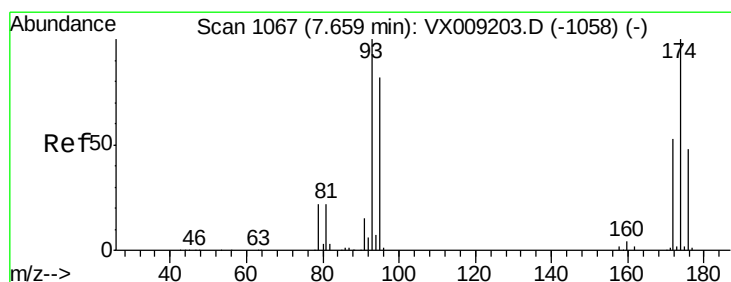
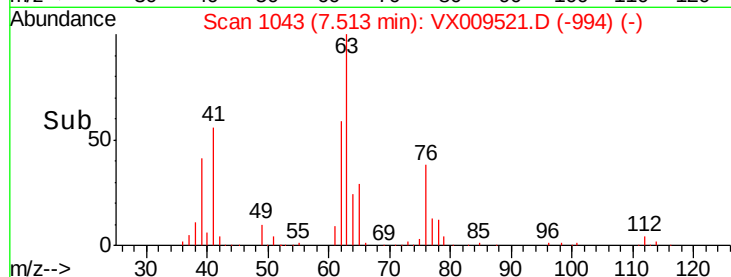
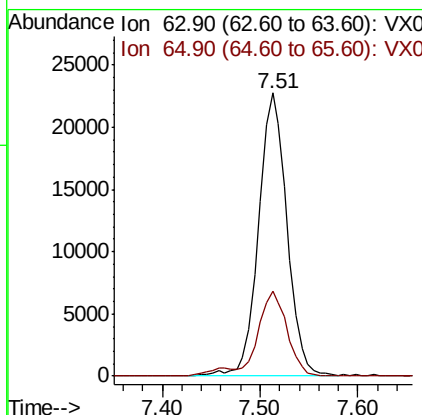
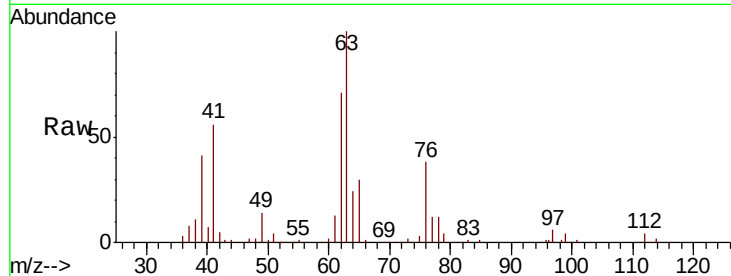




#45
 1,2-Dichloropropane
 Concen: 21.351 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX009521.D
 Acq: 11 May 2019 13:34

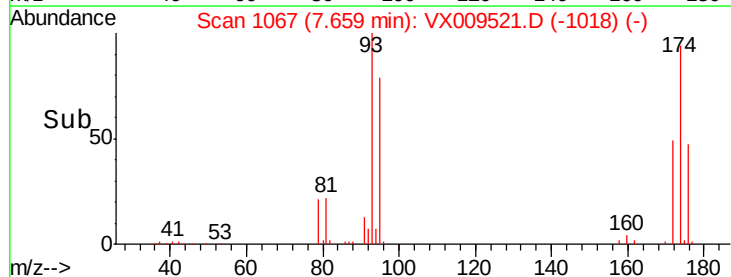
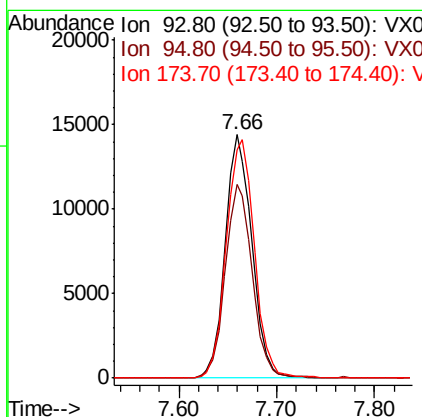
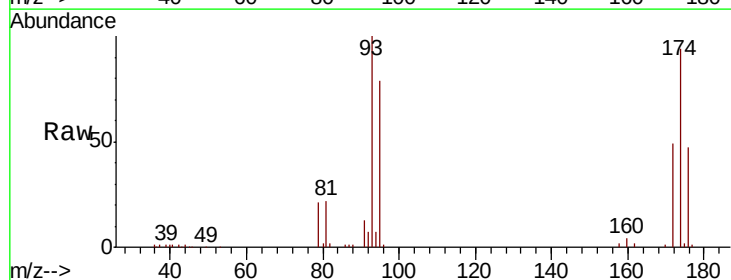
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBSD01

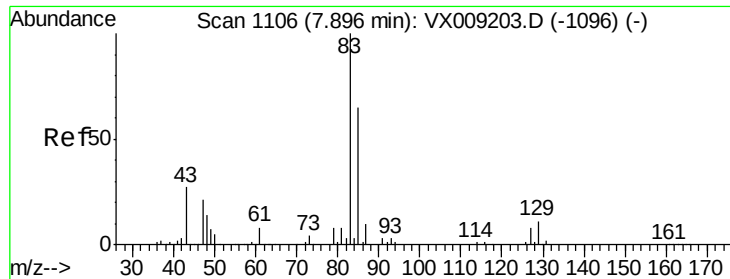
Tot Ion: 63 Resp: 46287
 Ion Ratio Lower Upper
 63 100
 65 29.9 25.0 37.6



#46
 Dibromomethane
 Concen: 21.656 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX009521.D
 Acq: 11 May 2019 13:34

Tgt Ion: 93 Resp: 27262
 Ion Ratio Lower Upper
 93 100
 95 80.5 66.5 99.7
 174 103.2 82.1 123.1





#47

Bromodichloromethane

Concen: 21.100 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009521.D

Acq: 11 May 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBSD01

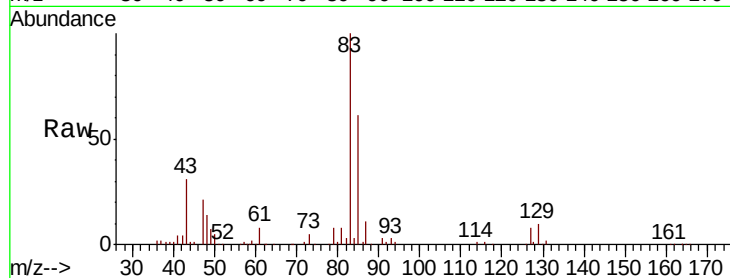
Tot Ion: 83 Resp: 52986

Ion Ratio Lower Upper

83 100

85 61.1 52.4 78.6

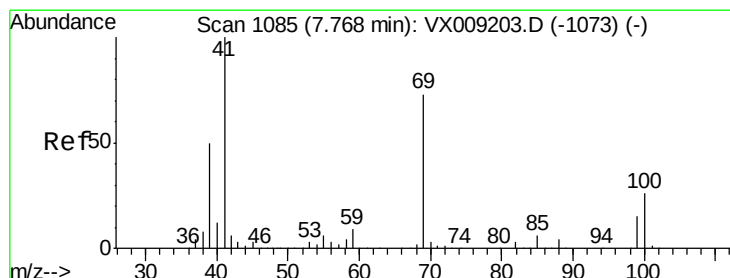
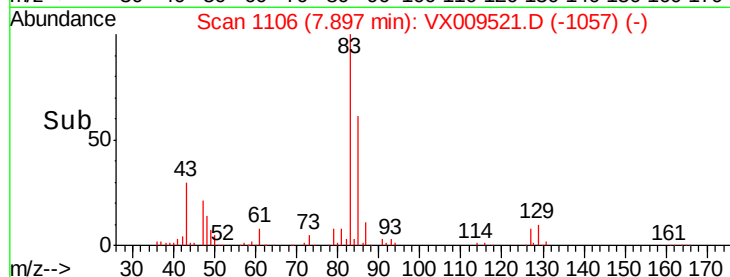
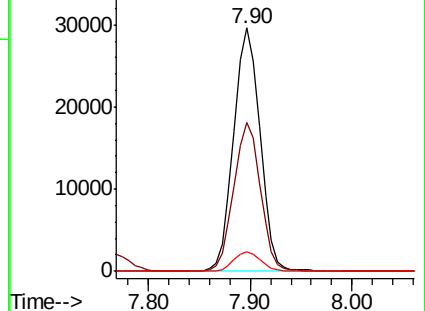
127 8.0 6.6 10.0



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: 21.810 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX009521.D

Acq: 11 May 2019 13:34

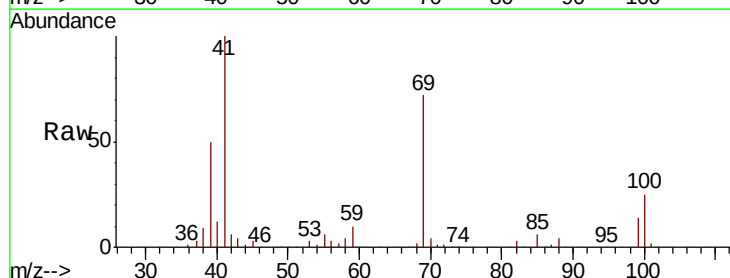
Tgt Ion: 41 Resp: 59657

Ion Ratio Lower Upper

41 100

69 72.2 59.1 88.7

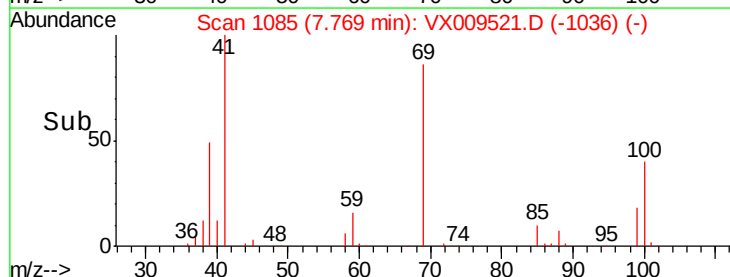
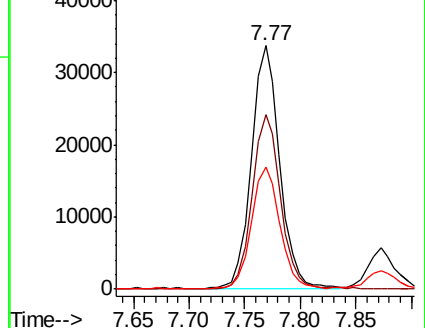
39 51.3 40.4 60.6

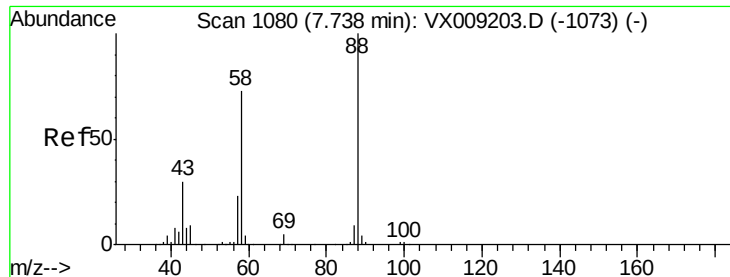


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

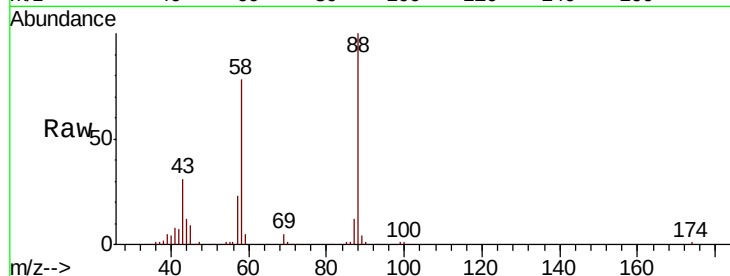




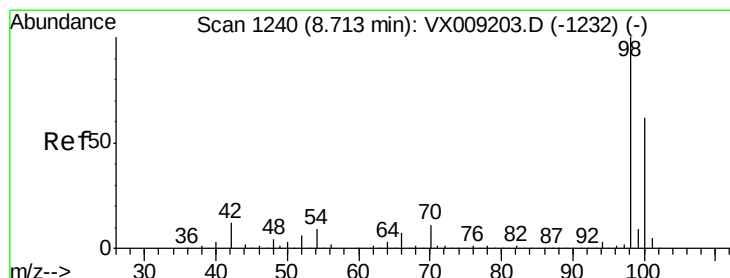
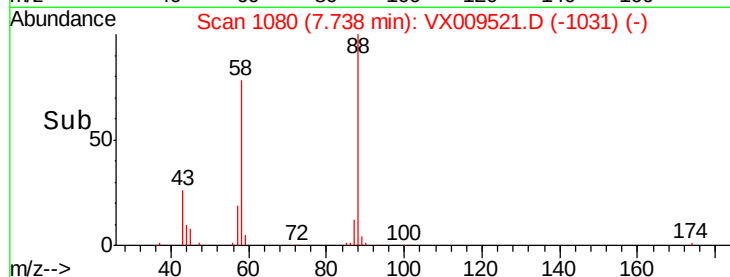
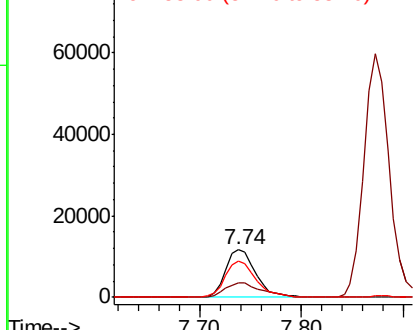
#49
1,4-Dioxane
Concen: 435.926 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX009521.D
Acq: 11 May 2019 13:34

Instrument :
MSVOA_X
ClientSampleId :
VX0511WBSD01

Tot Ion: 88 Resp: 24181
Ion Ratio Lower Upper
88 100
43 37.9 28.6 42.8
58 78.0 61.7 92.5

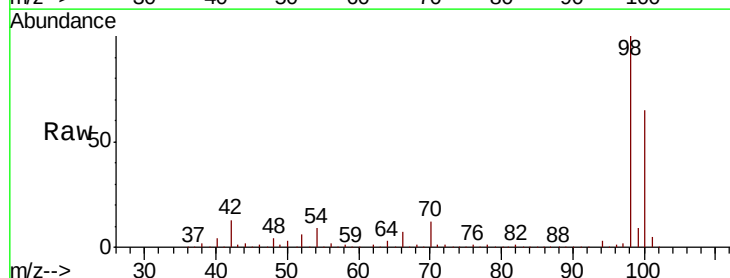


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

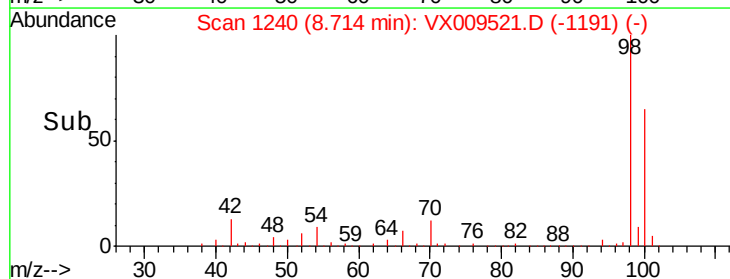
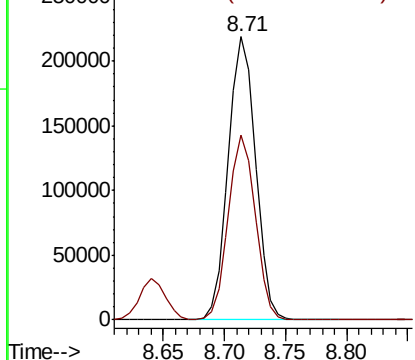


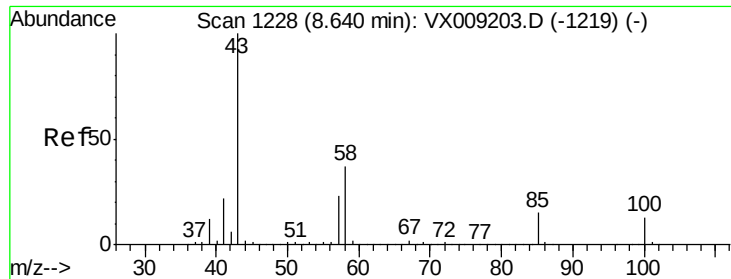
#50
Toluene-d8
Concen: 50.211 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009521.D
Acq: 11 May 2019 13:34

Tgt Ion: 98 Resp: 339227
Ion Ratio Lower Upper
98 100
100 64.4 51.2 76.8



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: 109.177 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009521.D

Acq: 11 May 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

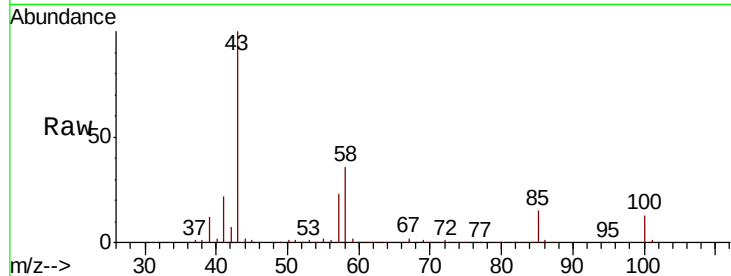
VX0511WBSD01

Tot Ion: 43 Resp: 393426

Ion Ratio Lower Upper

43 100

58 36.6 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

250000

200000

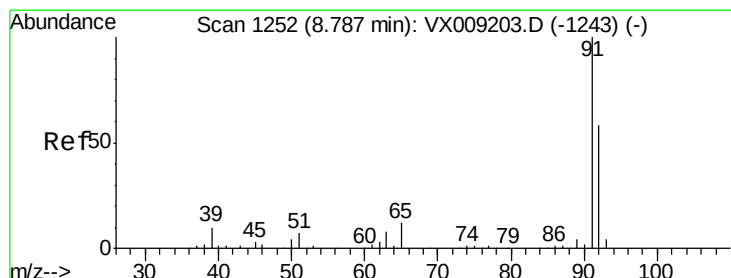
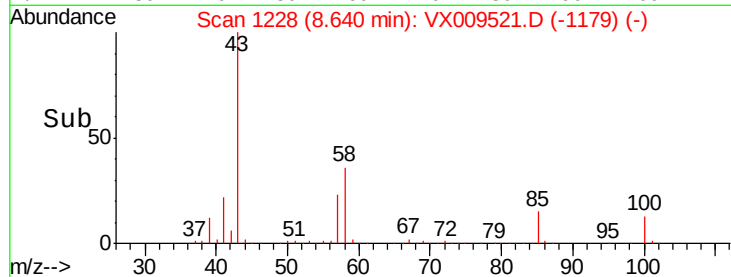
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 21.577 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009521.D

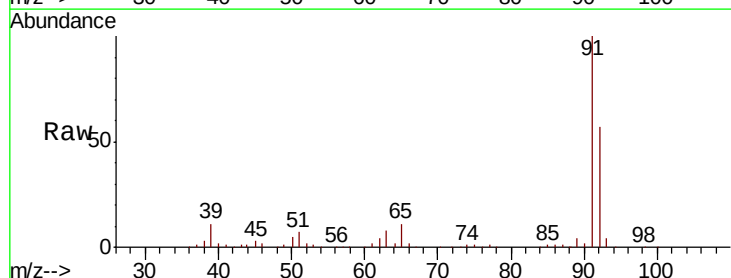
Acq: 11 May 2019 13:34

Tgt Ion: 92 Resp: 100417

Ion Ratio Lower Upper

92 100

91 174.3 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

120000

100000

80000

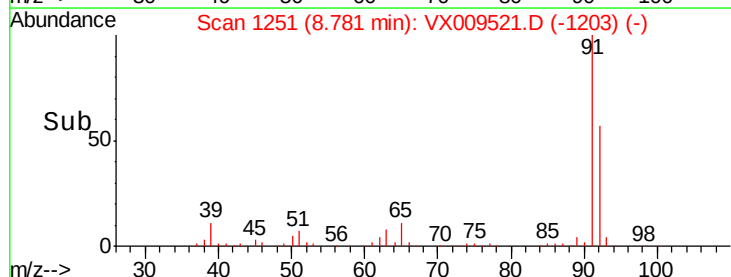
60000

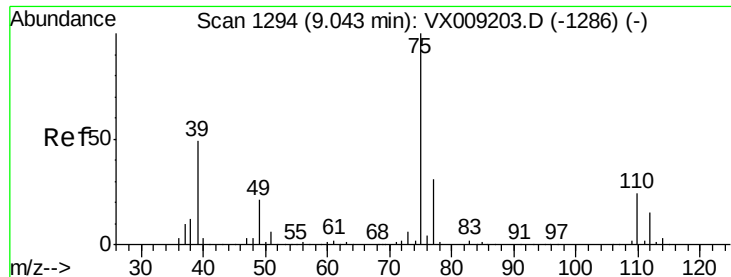
40000

20000

0

Time-->

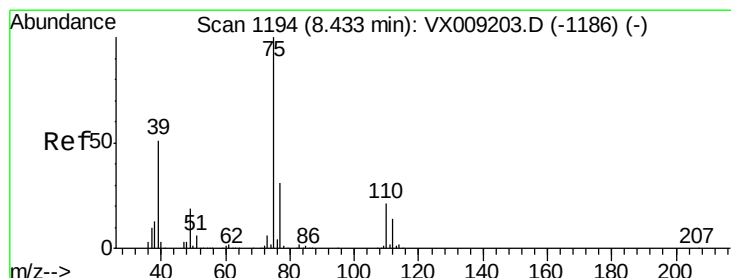
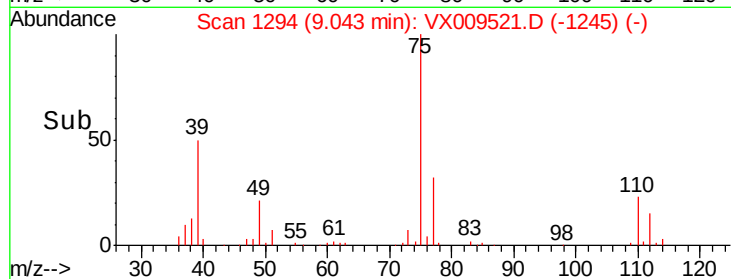
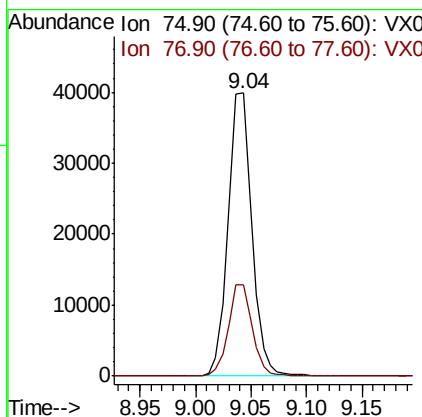
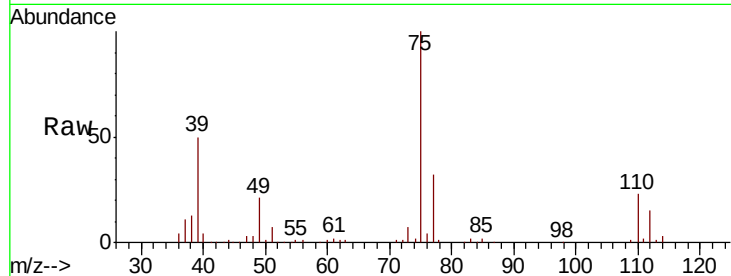




#53
t-1,3-Dichloropropene
Concen: 20.884 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX009521.D
Acq: 11 May 2019 13:34

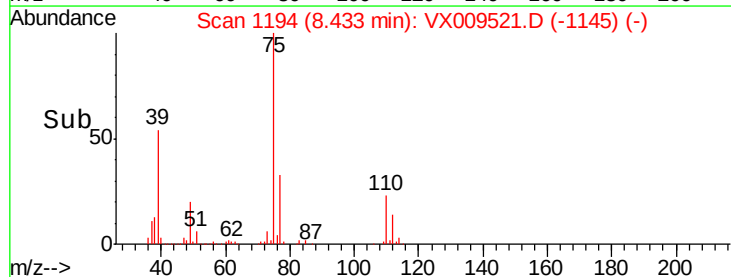
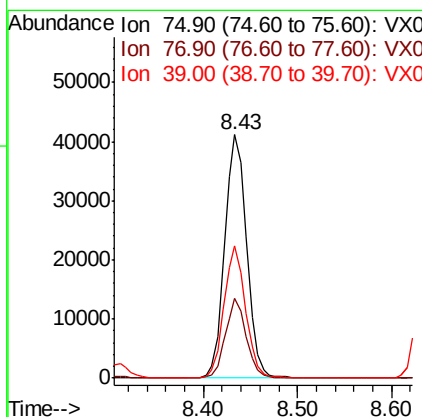
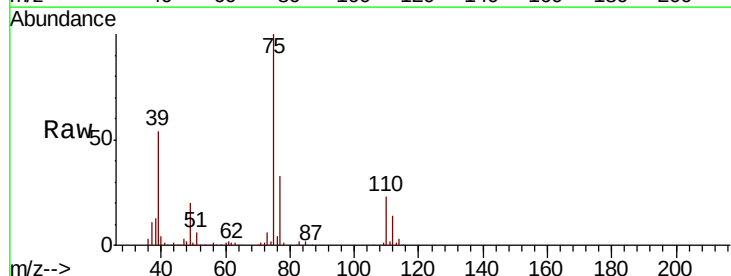
Instrument :
MSVOA_X
ClientSampleId :
VX0511WBSD01

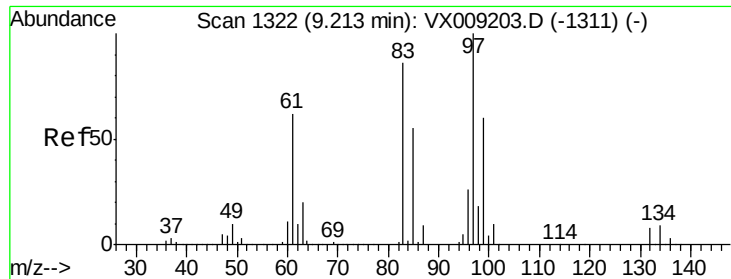
Tot Ion: 75 Resp: 59209
Ion Ratio Lower Upper
75 100
77 32.4 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 21.244 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX009521.D
Acq: 11 May 2019 13:34

Tgt Ion: 75 Resp: 66665
Ion Ratio Lower Upper
75 100
77 32.5 24.6 36.8
39 54.3 40.6 60.8

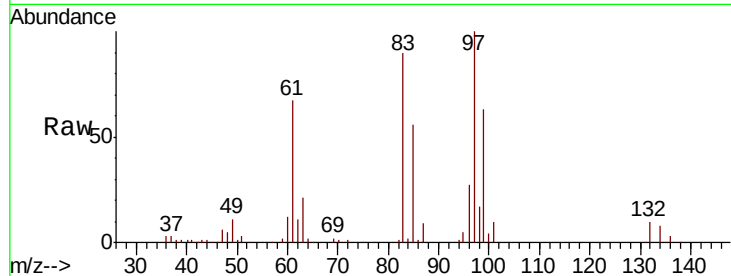




#55
 1,1,2-Trichloroethane
 Concen: 21.238 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009521.D
 Acq: 11 May 2019 13:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBSD01

Tot Ion:	97	Resp:	40324
Ion	Ratio	Lower	Upper
97	100		
83	90.5	68.9	103.3
85	56.2	43.8	65.6
99	63.3	48.2	72.2



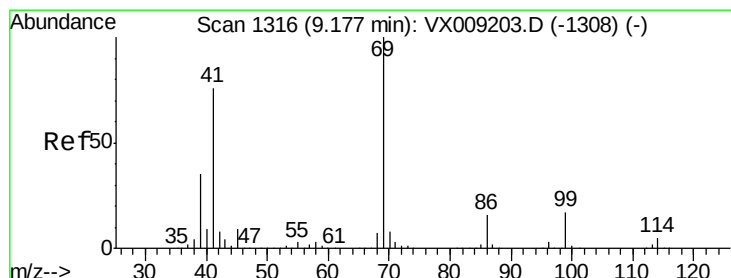
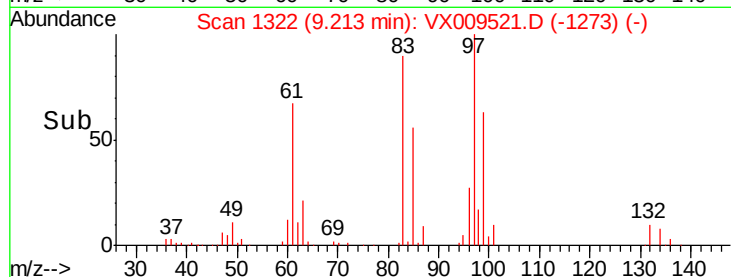
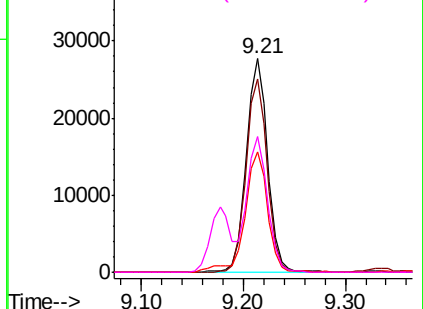
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

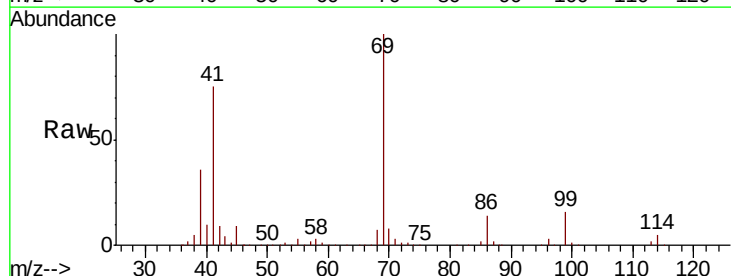
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 21.376 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009521.D
 Acq: 11 May 2019 13:34

Tgt Ion:	69	Resp:	72447
Ion	Ratio	Lower	Upper
69	100		
41	75.6	60.6	90.8
39	36.6	28.2	42.4

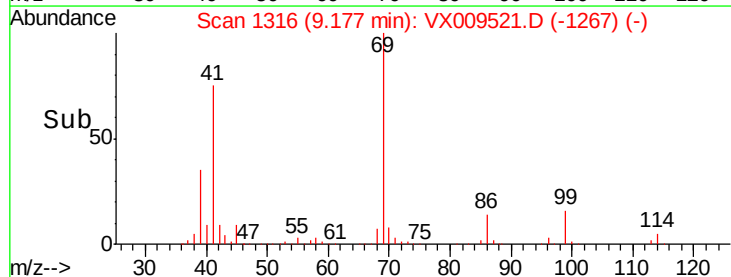
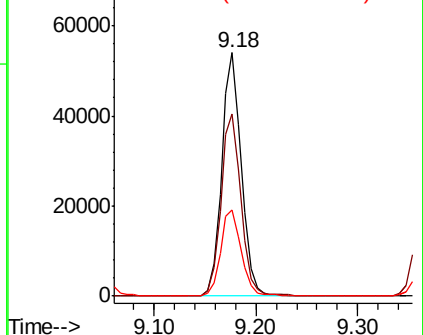


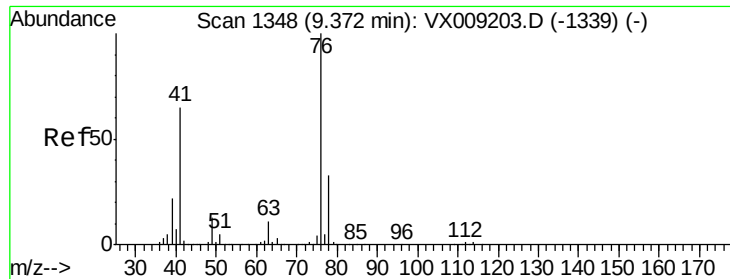
Abundance

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





#57

1,3-Dichloropropane

Concen: 21.381 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX009521.D

Acq: 11 May 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

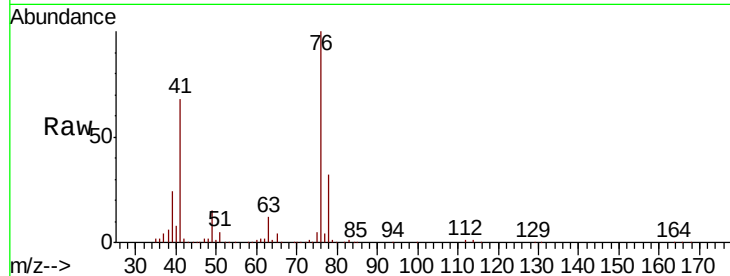
VX0511WBSD01

Tot Ion: 76 Resp: 71438

Ion Ratio Lower Upper

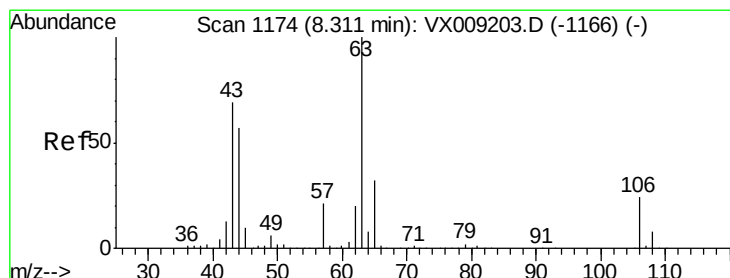
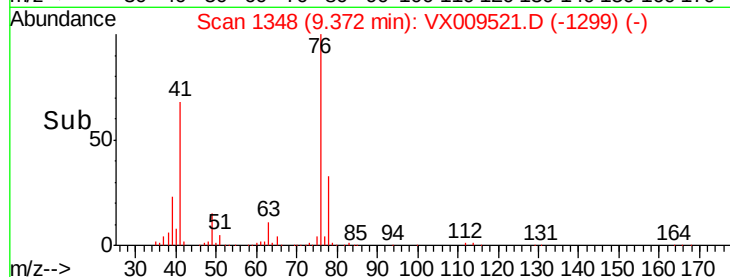
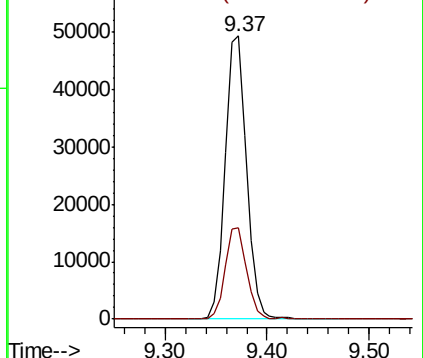
76 100

78 32.3 25.5 38.3



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: 97.926 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX009521.D

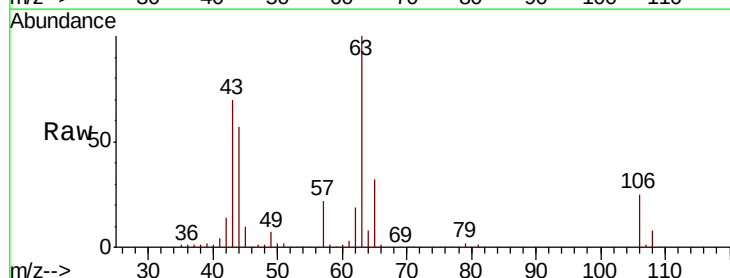
Acq: 11 May 2019 13:34

Tgt Ion: 63 Resp: 176066

Ion Ratio Lower Upper

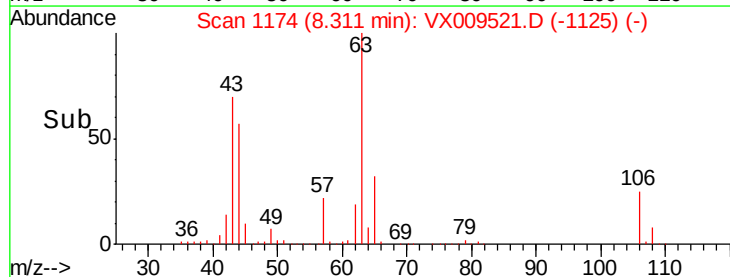
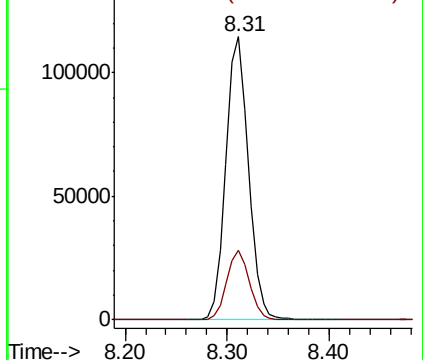
63 100

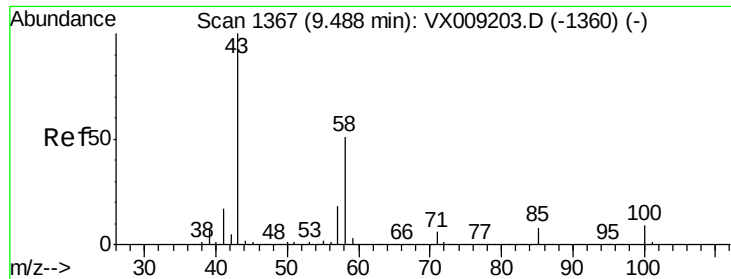
106 24.4 19.7 29.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

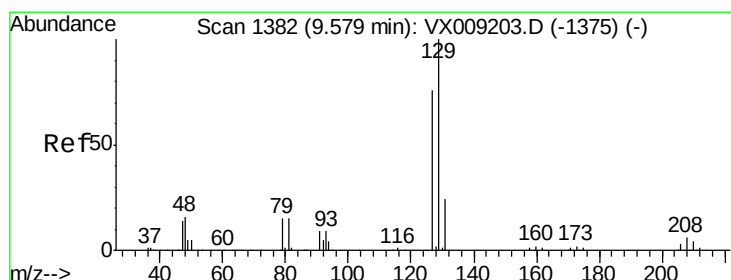
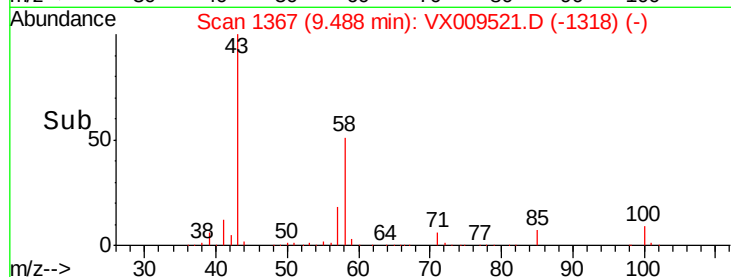
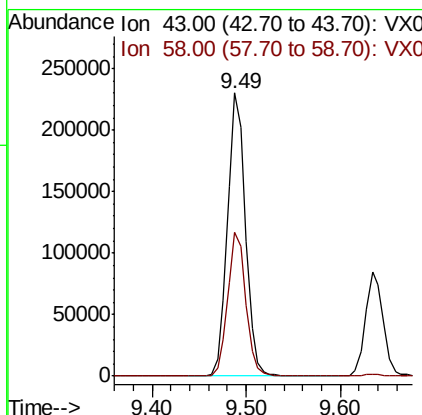
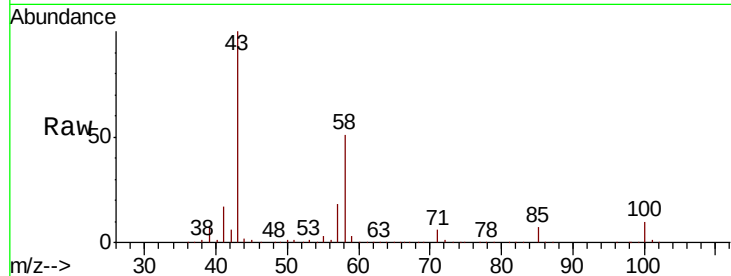




#59
2-Hexanone
Concen: 107.826 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009521.D
Acq: 11 May 2019 13:34

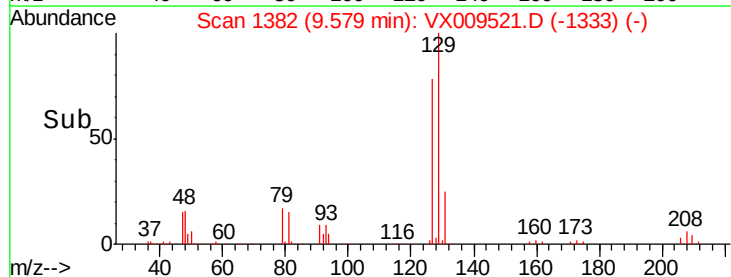
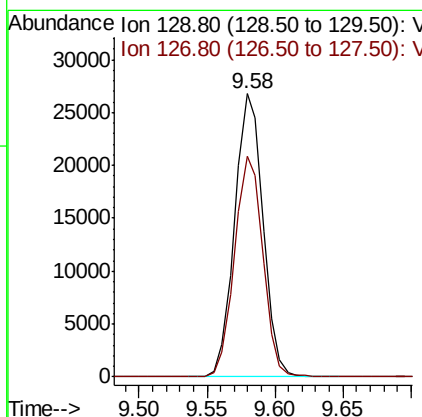
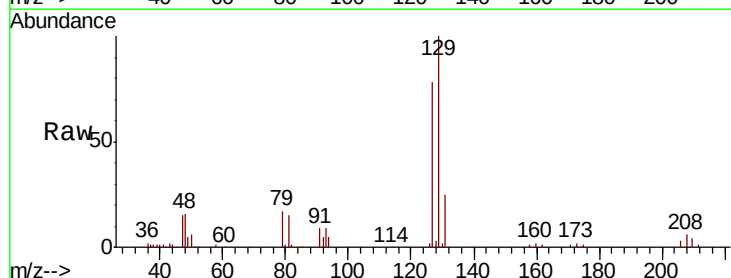
Instrument :
MSVOA_X
ClientSampleId :
VX0511WBSD01

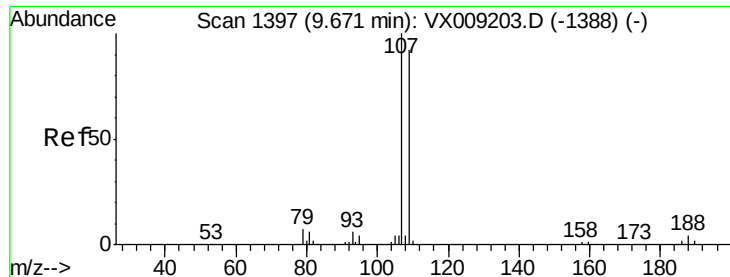
Tot Ion: 43 Resp: 305169
Ion Ratio Lower Upper
43 100
58 51.2 25.9 77.7



#60
Dibromochloromethane
Concen: 21.013 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009521.D
Acq: 11 May 2019 13:34

Tgt Ion: 129 Resp: 38966
Ion Ratio Lower Upper
129 100
127 77.7 38.4 115.1

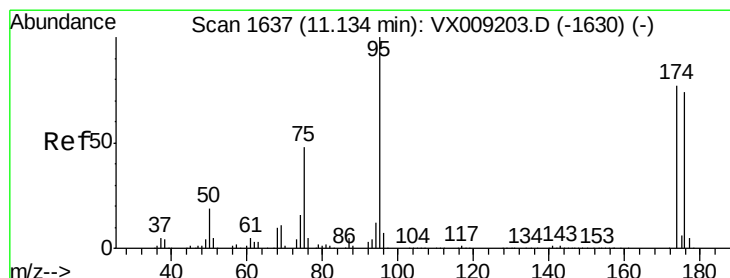
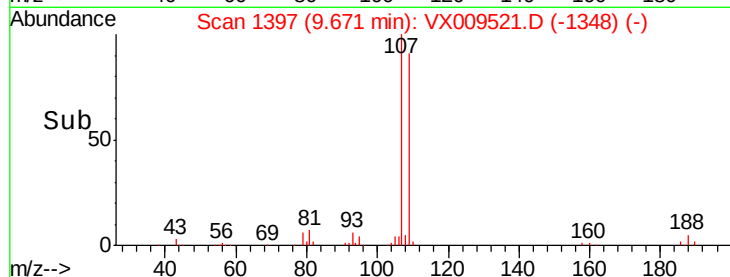
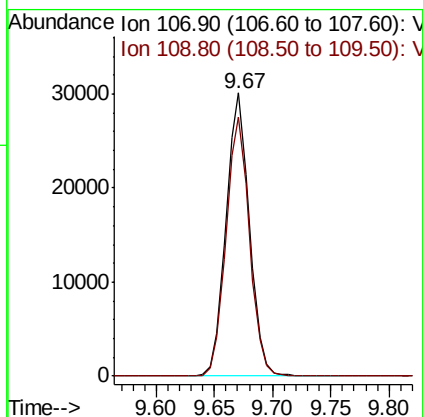
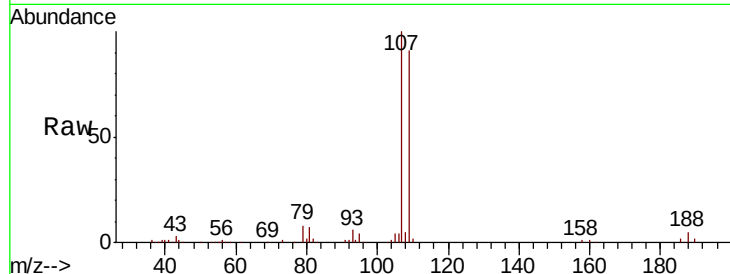




#61
 1,2-Dibromoethane
 Concen: 21.862 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX009521.D
 Acq: 11 May 2019 13:34

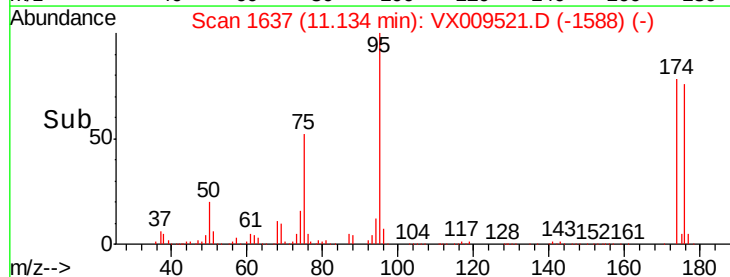
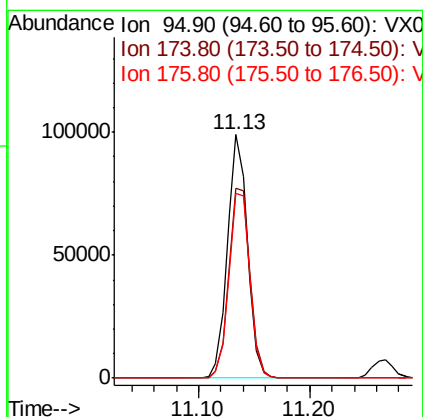
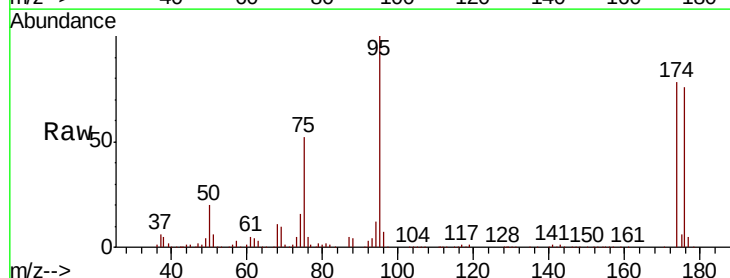
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBSD01

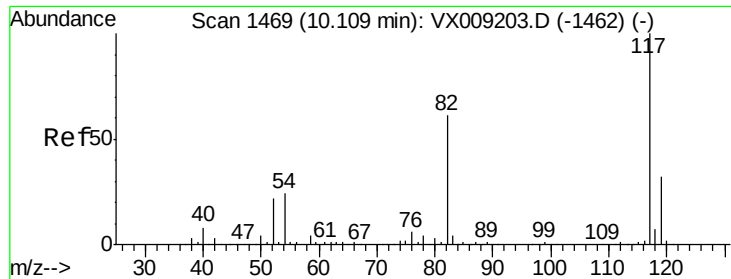
Tot Ion: 107 Resp: 41899
 Ion Ratio Lower Upper
 107 100
 109 91.8 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 49.933 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX009521.D
 Acq: 11 May 2019 13:34

Tgt Ion: 95 Resp: 122579
 Ion Ratio Lower Upper
 95 100
 174 82.3 0.0 161.6
 176 79.9 0.0 159.2

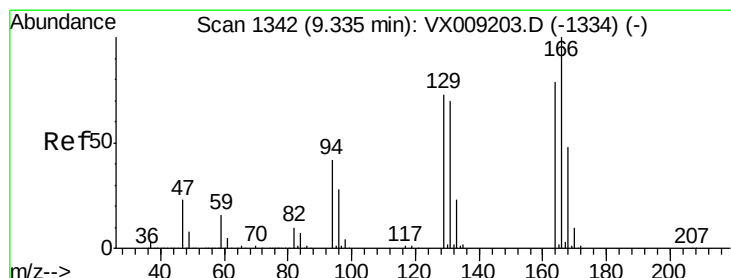
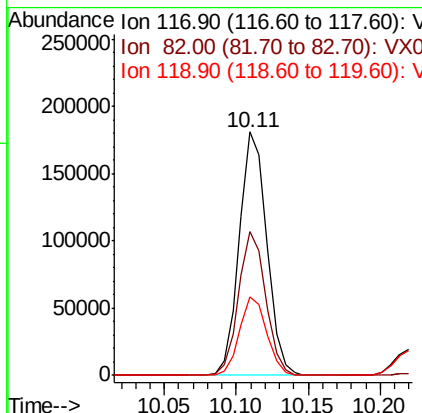
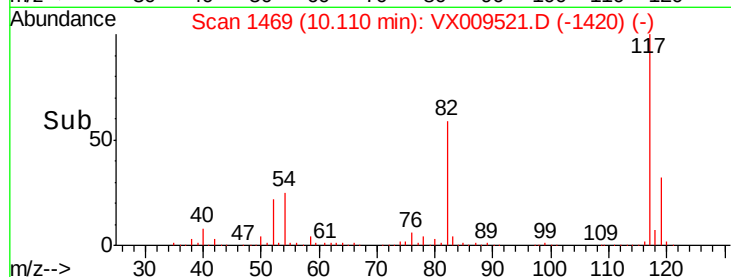
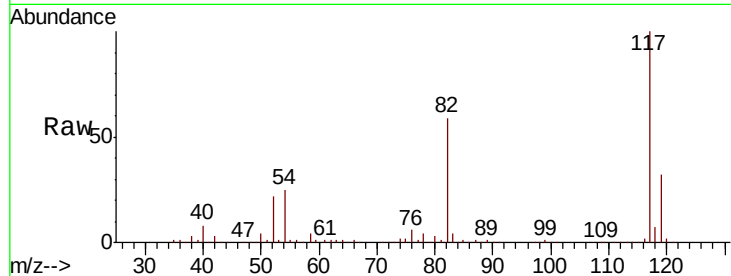




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009521.D
Acq: 11 May 2019 13:34

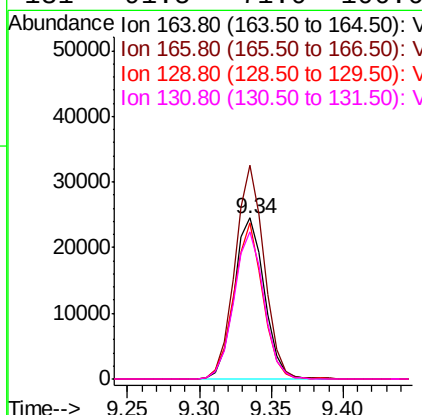
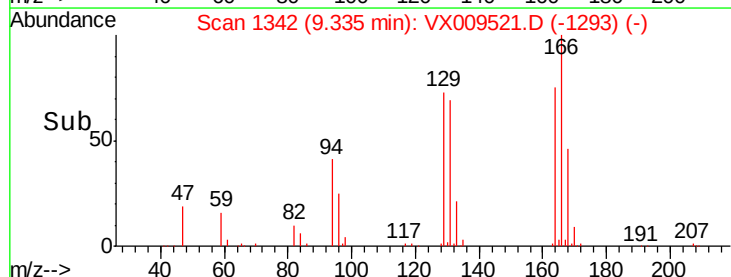
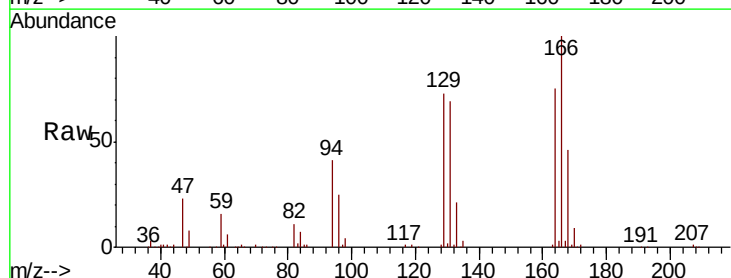
Instrument :
MSVOA_X
ClientSampleId :
VX0511WBSD01

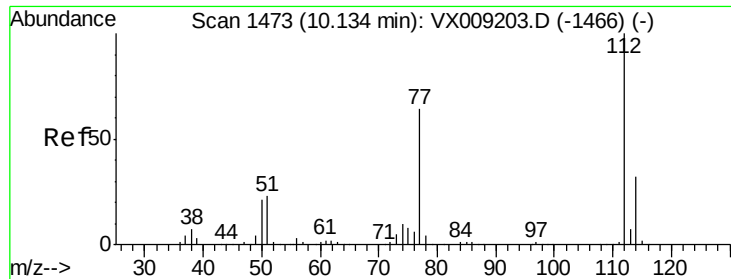
Tot Ion:117 Resp: 240230
Ion Ratio Lower Upper
117 100
82 59.3 48.8 73.2
119 32.4 25.8 38.6



#64
Tetrachloroethene
Concen: 21.755 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009521.D
Acq: 11 May 2019 13:34

Tgt Ion:164 Resp: 35849
Ion Ratio Lower Upper
164 100
166 132.9 101.2 151.8
129 97.0 74.3 111.5
131 91.5 71.0 106.6

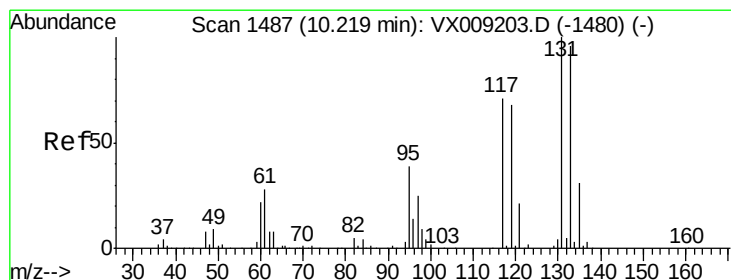
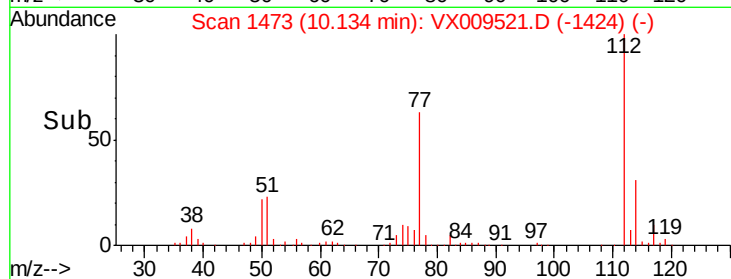
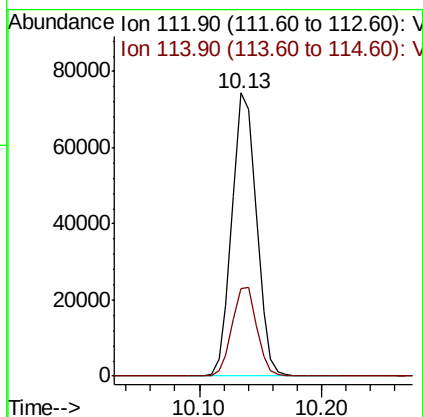
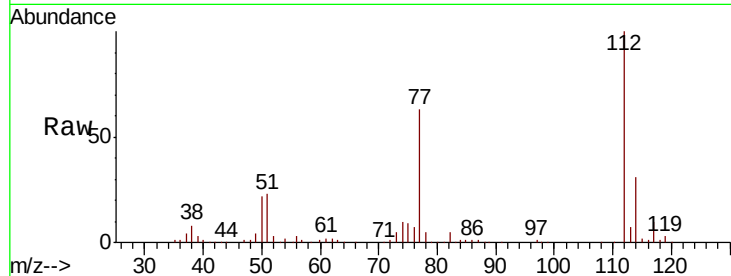




#65
Chlorobenzene
Concen: 21.487 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX009521.D
Acq: 11 May 2019 13:34

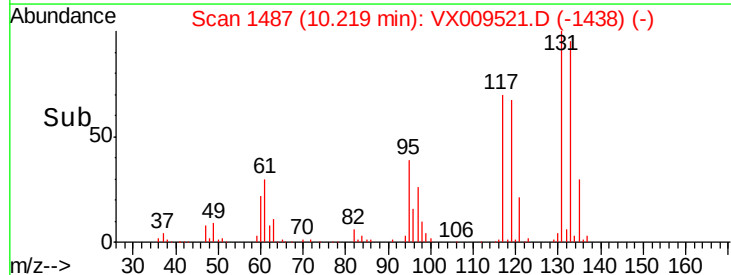
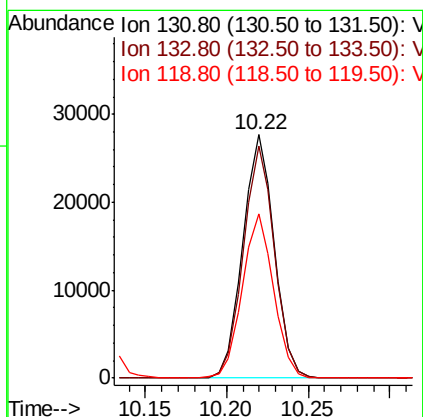
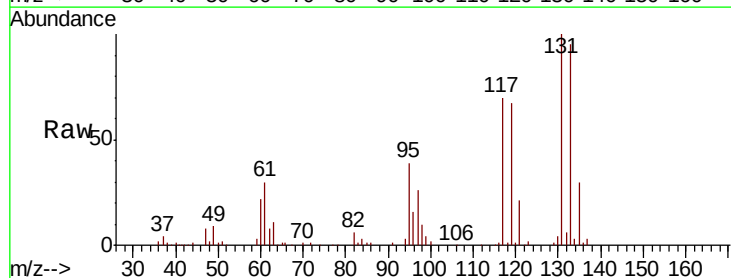
Instrument :
MSVOA_X
ClientSampleId :
VX0511WBSD01

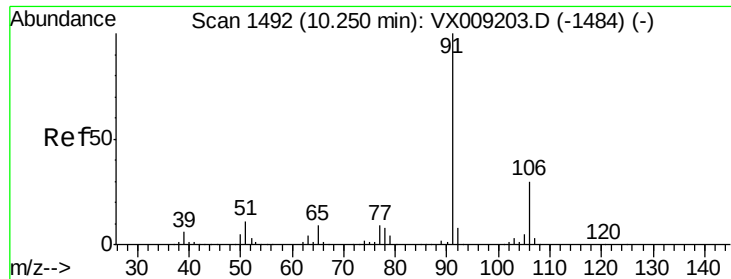
Tot Ion:112 Resp: 103258
Ion Ratio Lower Upper
112 100
114 31.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 21.309 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009521.D
Acq: 11 May 2019 13:34

Tgt Ion:131 Resp: 37125
Ion Ratio Lower Upper
131 100
133 94.7 47.7 143.1
119 67.3 33.5 100.4

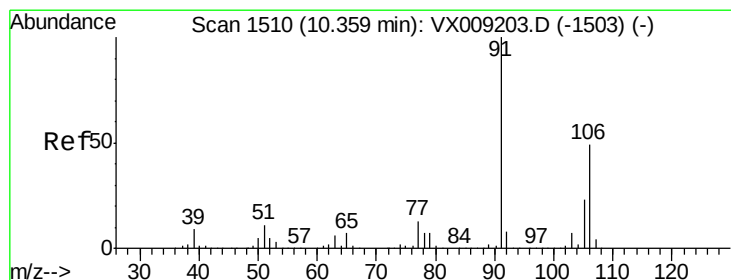
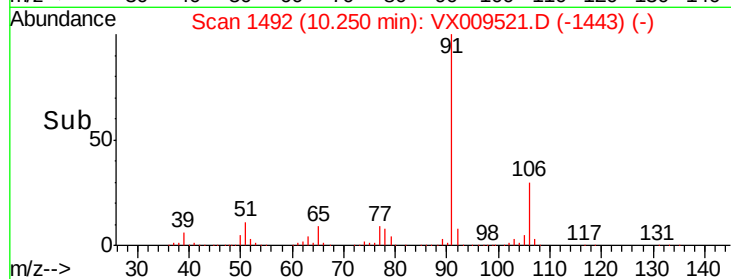
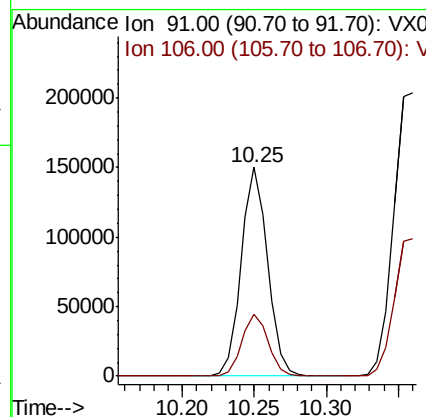
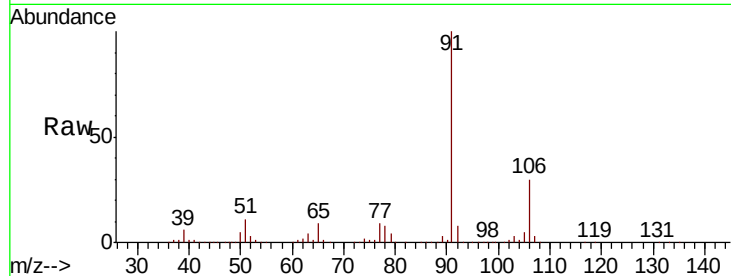




#67
Ethyl Benzene
Concen: 21.655 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009521.D
Acq: 11 May 2019 13:34

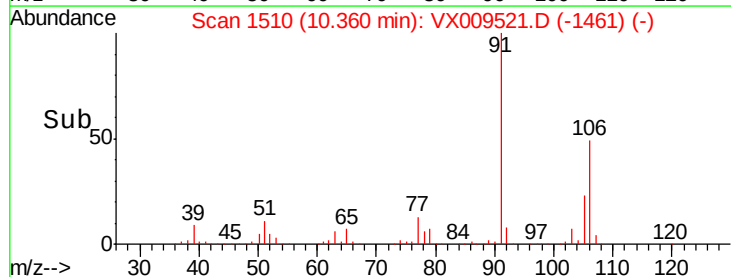
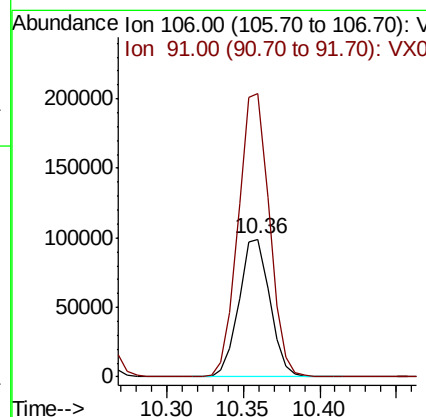
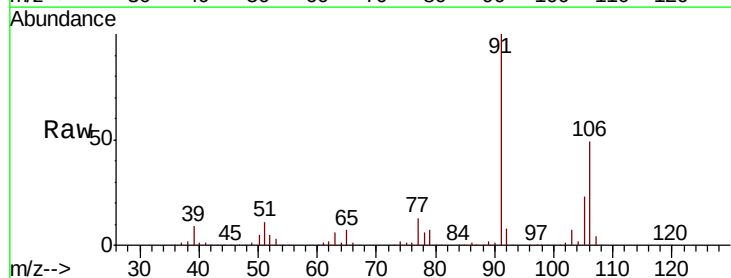
Instrument :
MSVOA_X
ClientSampleId :
VX0511WBSD01

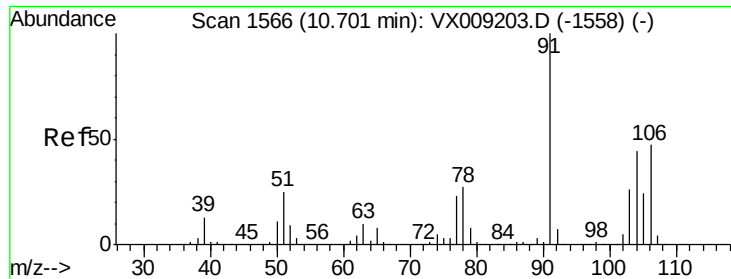
Tot Ion: 91 Resp: 191520
Ion Ratio Lower Upper
91 100
106 29.8 24.0 36.0



#68
m/p-Xylenes
Concen: 42.967 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009521.D
Acq: 11 May 2019 13:34

Tgt Ion: 106 Resp: 138869
Ion Ratio Lower Upper
106 100
91 208.3 164.0 246.0

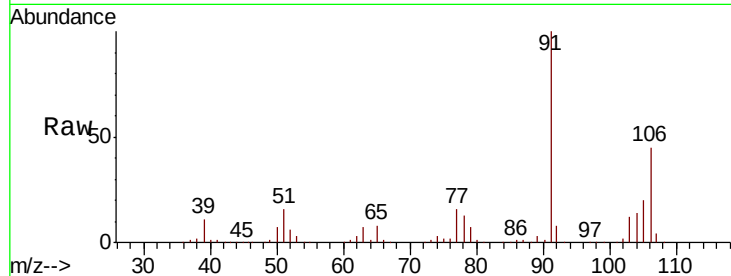




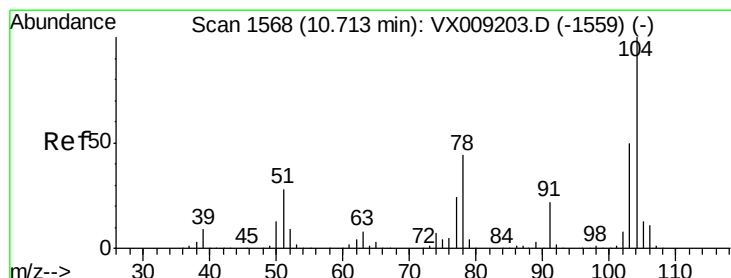
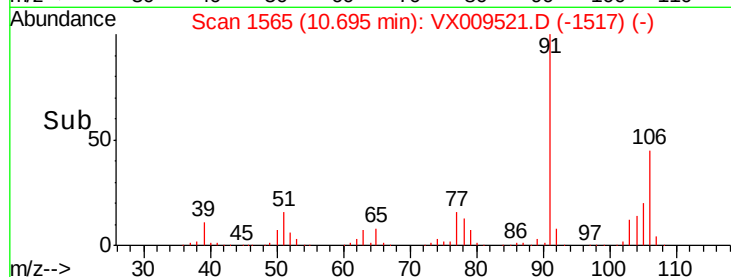
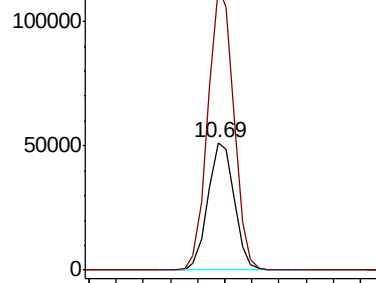
#69
o-Xylene
Concen: 21.651 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009521.D
Acq: 11 May 2019 13:34

Instrument :
MSVOA_X
ClientSampleId :
VX0511WBSD01

Tot Ion:106 Resp: 69040
Ion Ratio Lower Upper
106 100
91 217.6 109.5 328.4

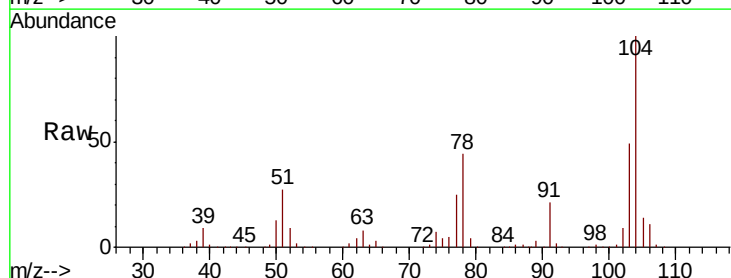


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

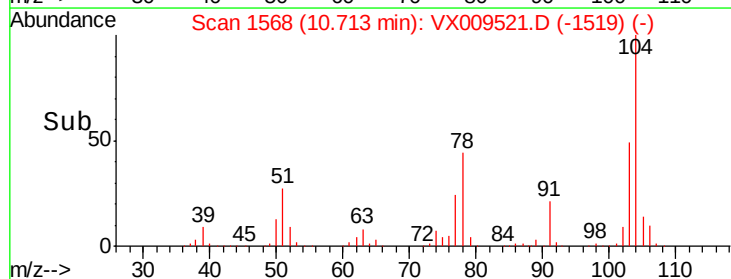
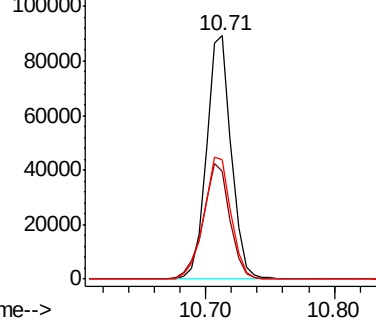


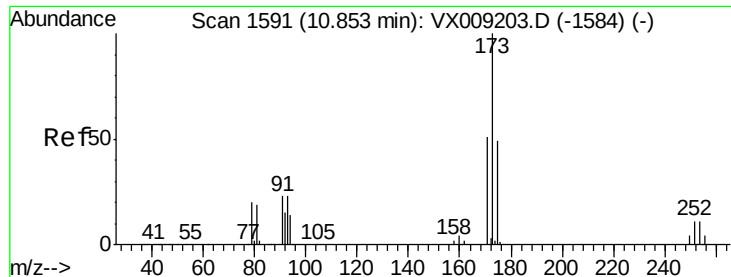
#70
Styrene
Concen: 21.406 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009521.D
Acq: 11 May 2019 13:34

Tgt Ion:104 Resp: 118642
Ion Ratio Lower Upper
104 100
78 51.8 41.0 61.4
103 55.2 43.8 65.6



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





#71

Bromoform

Concen: 20.561 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009521.D

Acq: 11 May 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBSD01

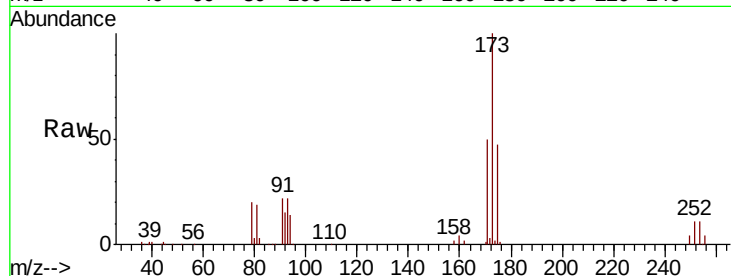
Tot Ion:173 Resp: 29111

Ion Ratio Lower Upper

173 100

175 47.4 24.5 73.5

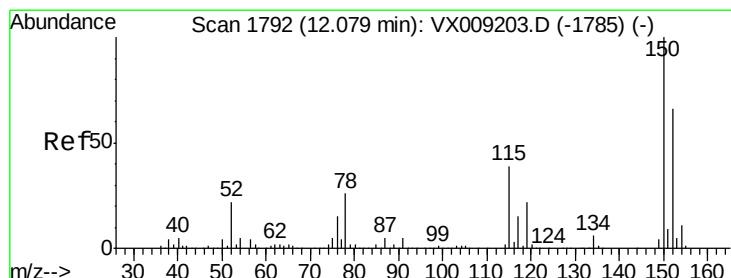
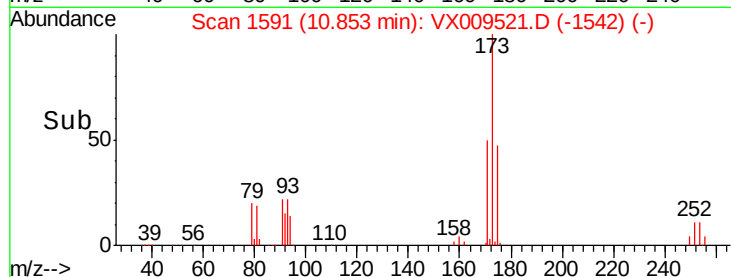
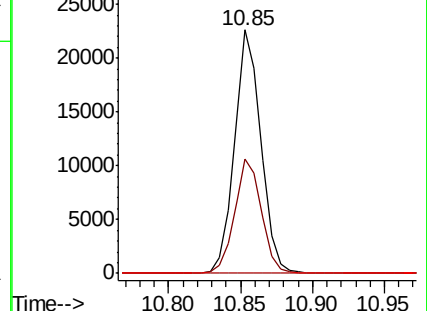
254 0.3 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009521.D

Acq: 11 May 2019 13:34

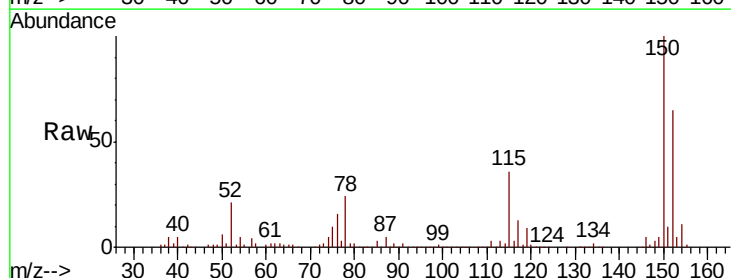
Tgt Ion:152 Resp: 116771

Ion Ratio Lower Upper

152 100

115 68.2 41.2 123.6

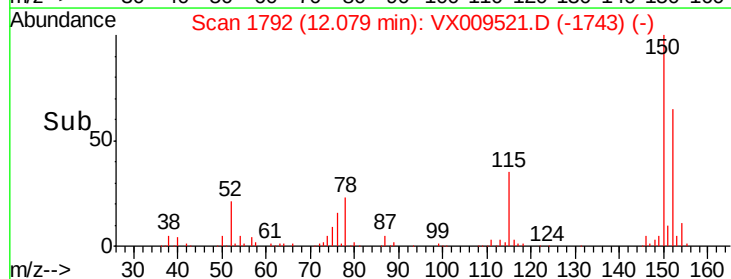
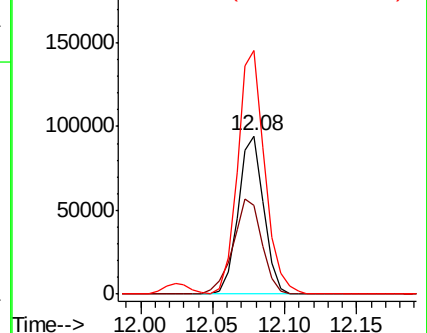
150 162.8 0.0 346.4

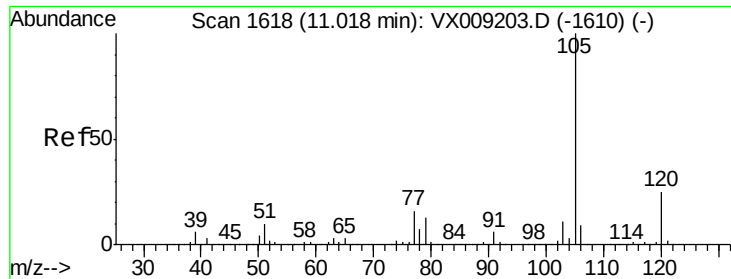


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.437 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009521.D

Acq: 11 May 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

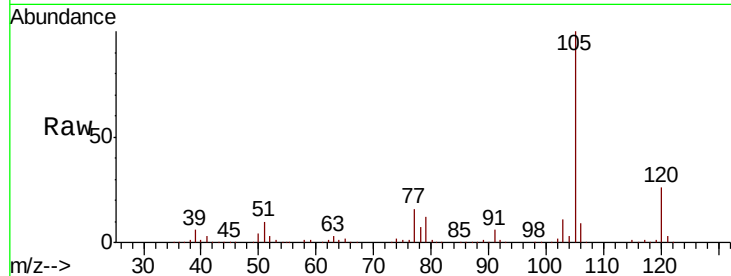
VX0511WBSD01

Tot Ion:105 Resp: 182028

Ion Ratio Lower Upper

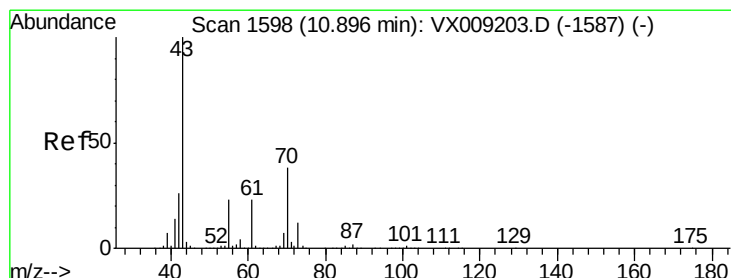
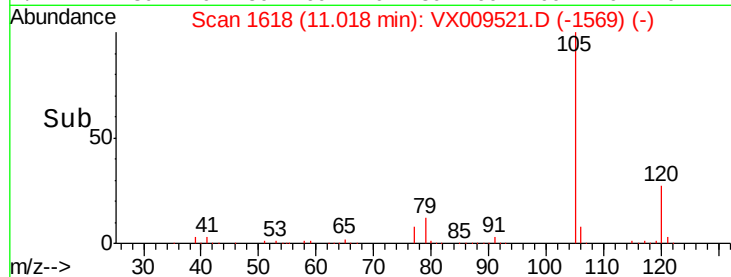
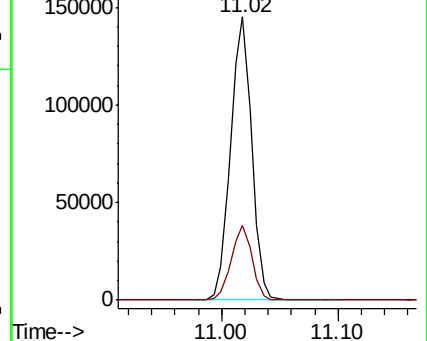
105 100

120 26.1 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.107 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009521.D

Acq: 11 May 2019 13:34

Tgt Ion: 43 Resp: 104491

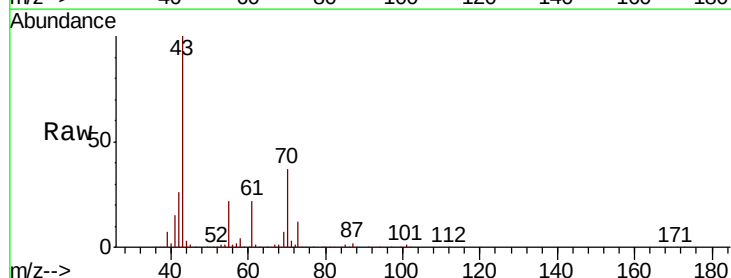
Ion Ratio Lower Upper

43 100

70 37.4 30.0 45.0

55 22.7 17.9 26.9

61 22.7 18.4 27.6

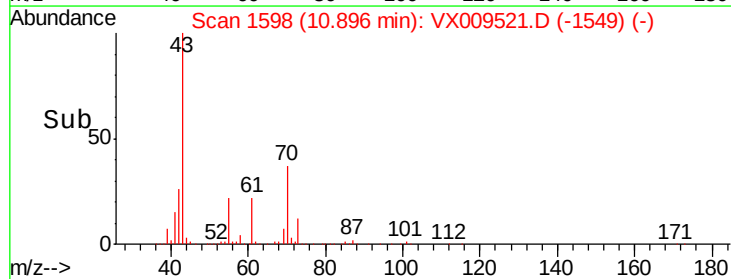
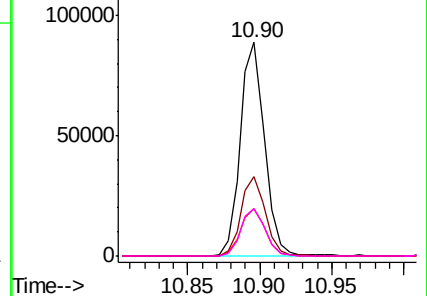


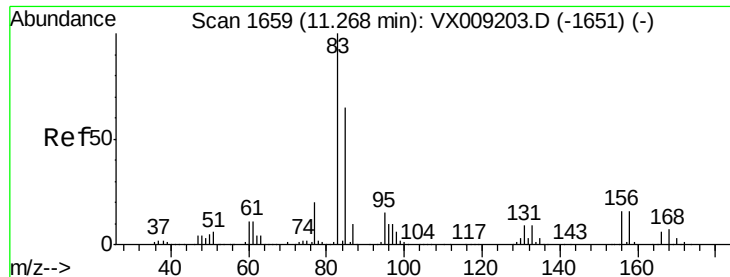
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.173 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009521.D

Acq: 11 May 2019 13:34

Instrument :

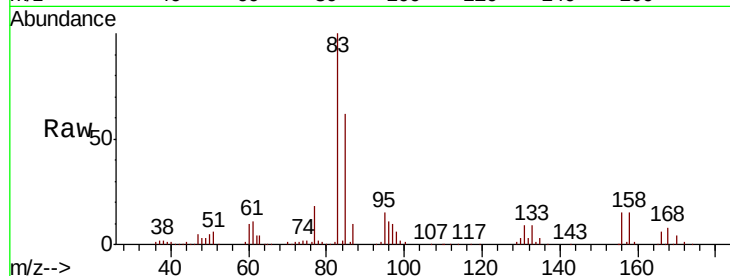
MSVOA_X

ClientSampleId :

VX0511WBSD01

Tot Ion: 83 Resp: 67024

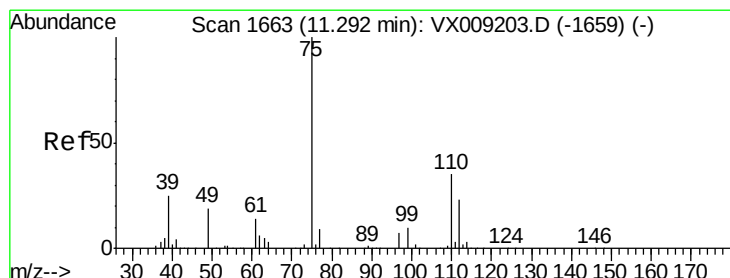
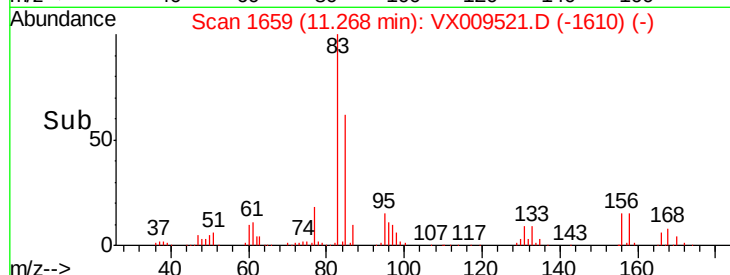
Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.6	13.8
85	63.7	32.0	96.2



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: 28.435 ug/l

RT: 11.29 min Scan# 1663

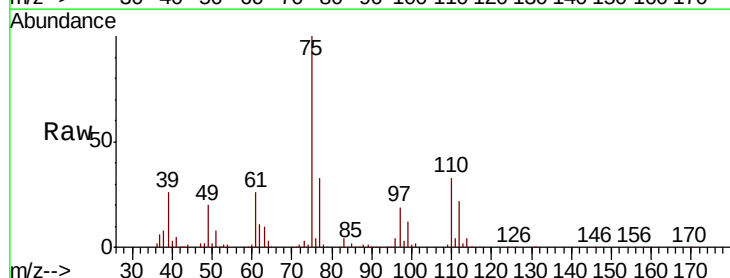
Delta R.T. 0.00 min

Lab File: VX009521.D

Acq: 11 May 2019 13:34

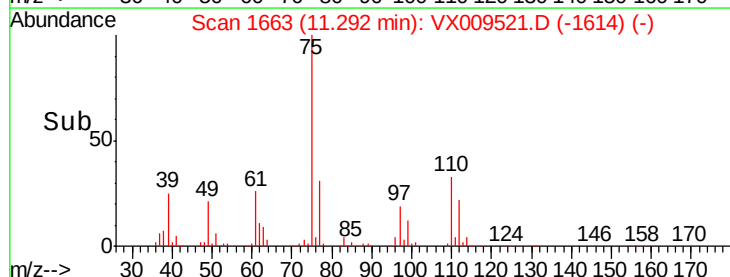
Tgt Ion: 75 Resp: 77022

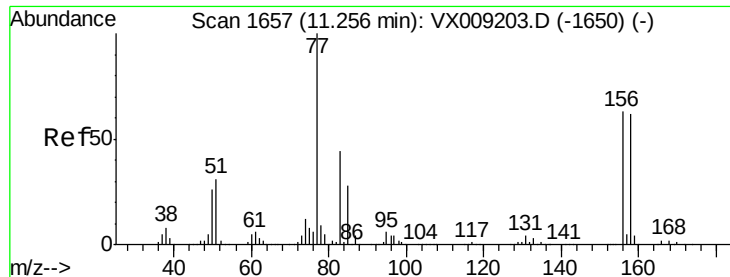
Ion	Ratio	Lower	Upper
75	100		
77	32.4	22.1	66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.373 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX009521.D

Acq: 11 May 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBSD01

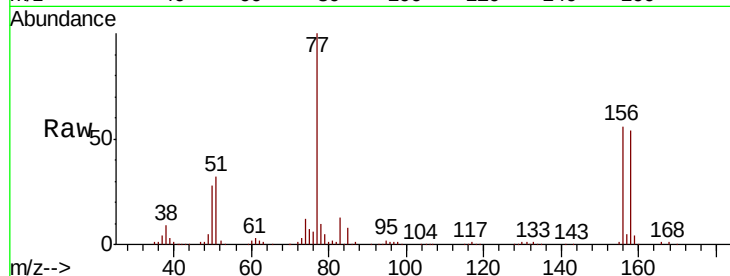
Tot Ion:156 Resp: 45046

Ion Ratio Lower Upper

156 100

77 168.1 84.8 254.3

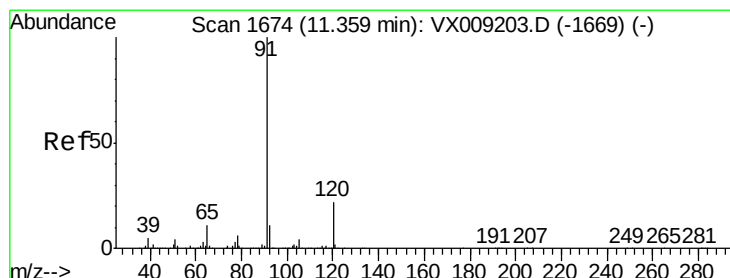
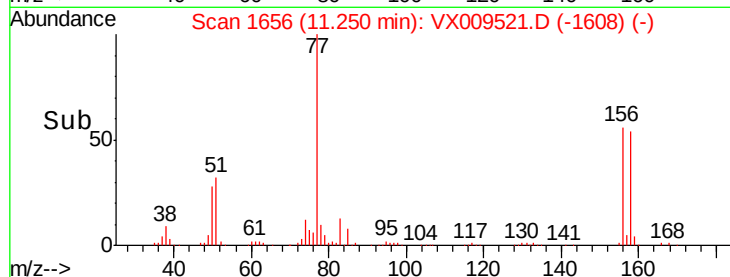
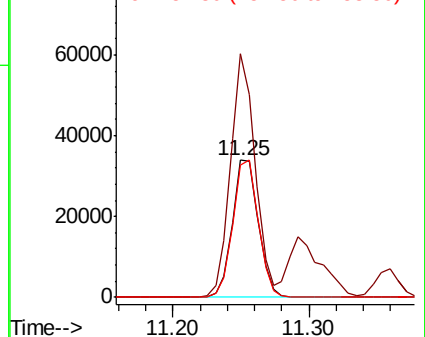
158 98.3 49.1 147.3



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: 21.453 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009521.D

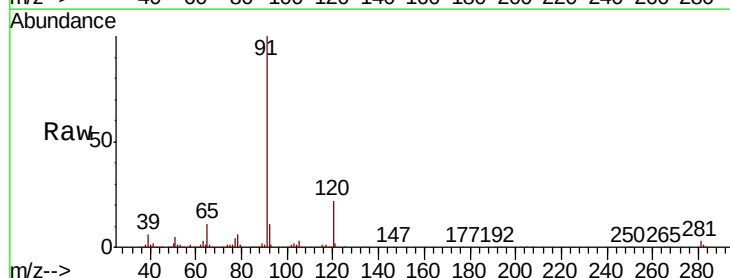
Acq: 11 May 2019 13:34

Tgt Ion: 91 Resp: 208042

Ion Ratio Lower Upper

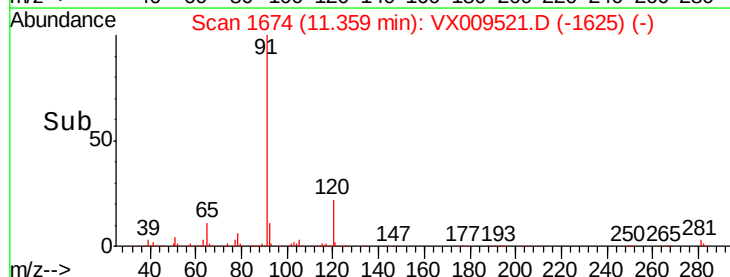
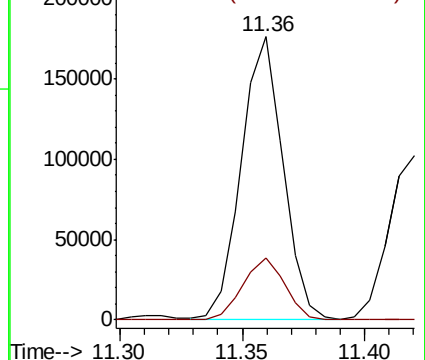
91 100

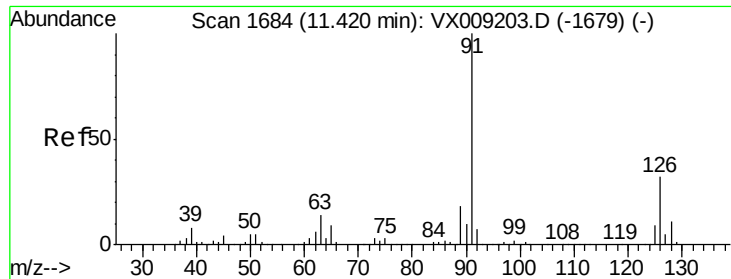
120 22.2 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

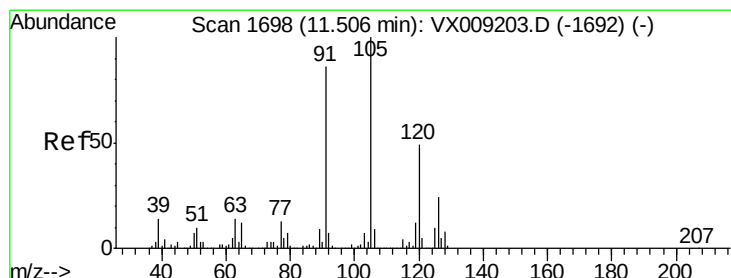
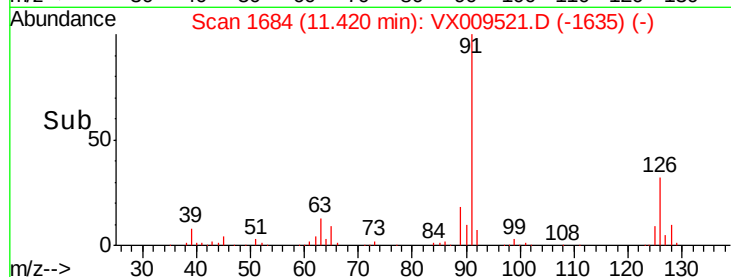
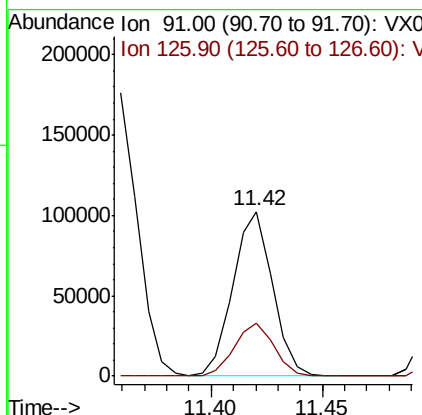
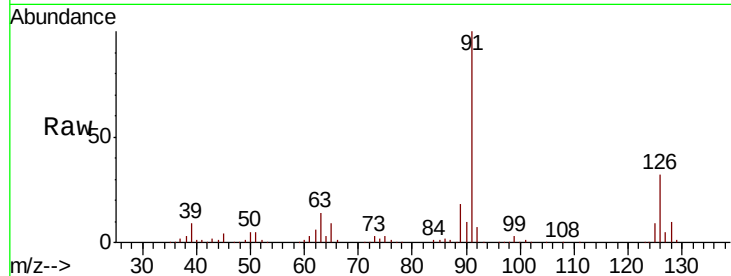




#79
 2-Chlorotoluene
 Concen: 21.193 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX009521.D
 Acq: 11 May 2019 13:34

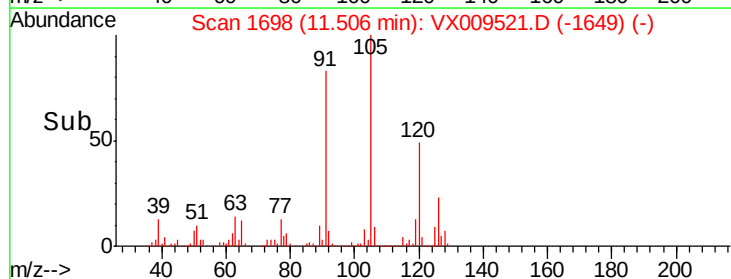
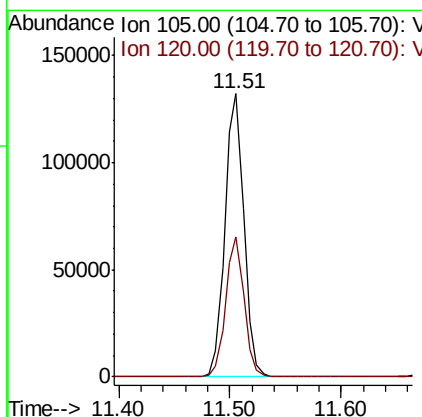
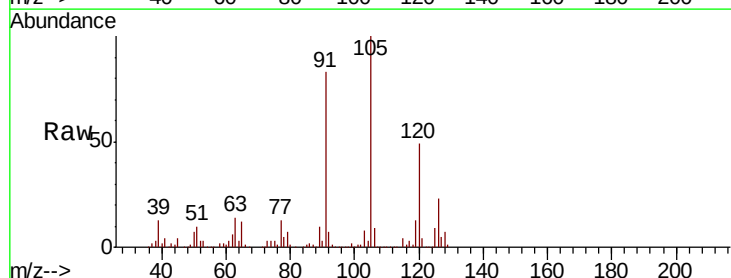
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBSD01

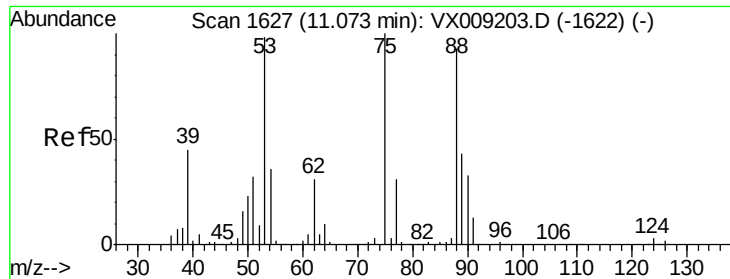
Tot Ion: 91 Resp: 126796
 Ion Ratio Lower Upper
 91 100
 126 32.2 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 21.711 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX009521.D
 Acq: 11 May 2019 13:34

Tgt Ion: 105 Resp: 155231
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 20.302 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009521.D

Acq: 11 May 2019 13:34

Instrument :

MSVOA_X

ClientSampled :

VX0511WBSD01

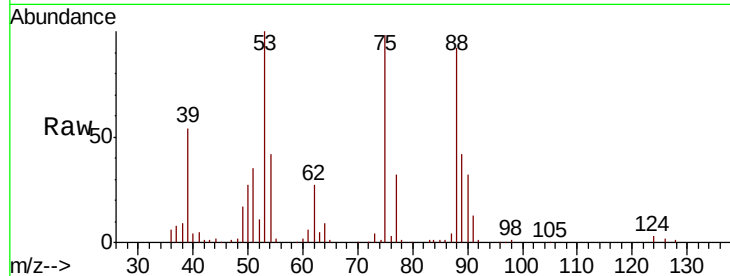
Tot Ion: 75 Resp: 21492

Ion Ratio Lower Upper

75 100

53 107.6 79.0 118.6

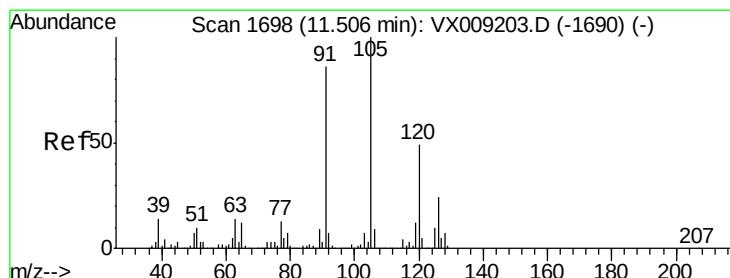
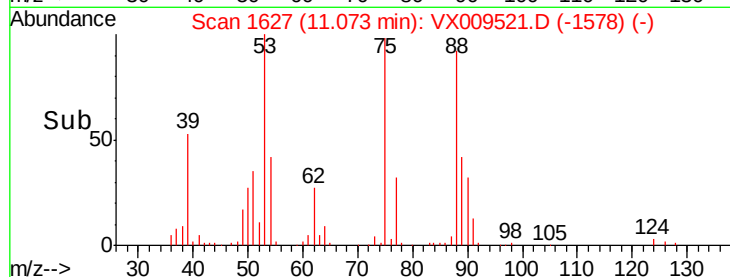
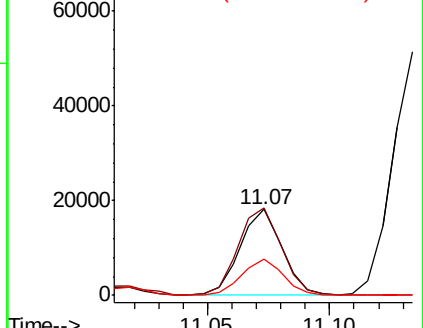
89 42.7 34.7 52.1



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: 21.199 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009521.D

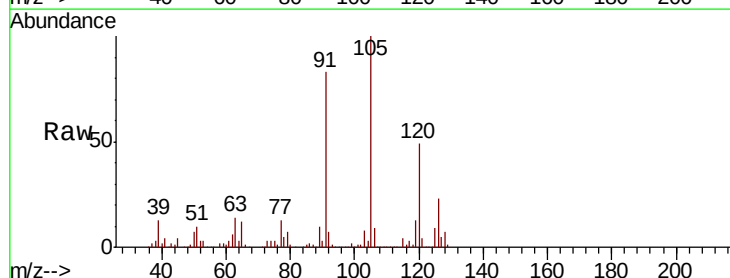
Acq: 11 May 2019 13:34

Tgt Ion: 91 Resp: 143285

Ion Ratio Lower Upper

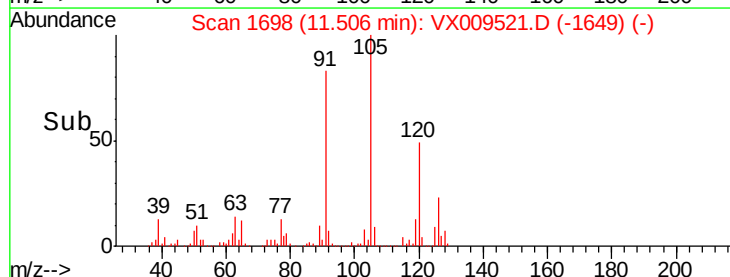
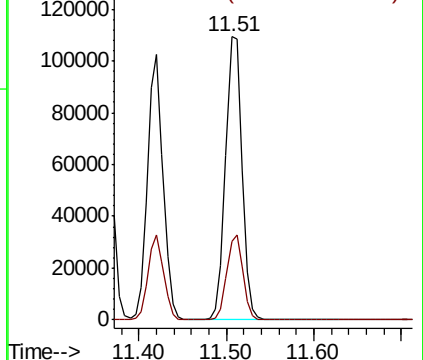
91 100

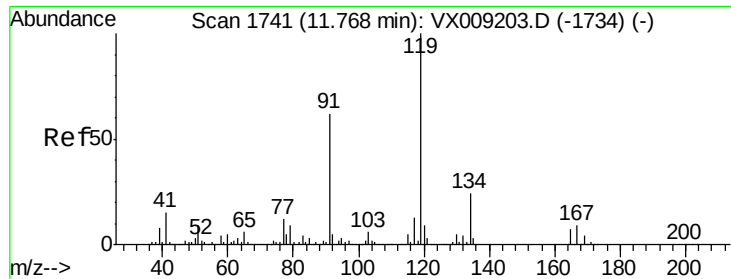
126 29.1 14.5 43.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

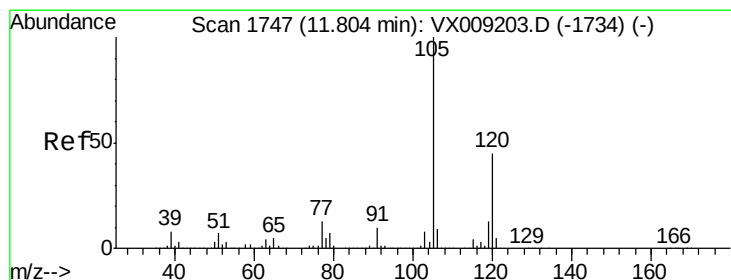
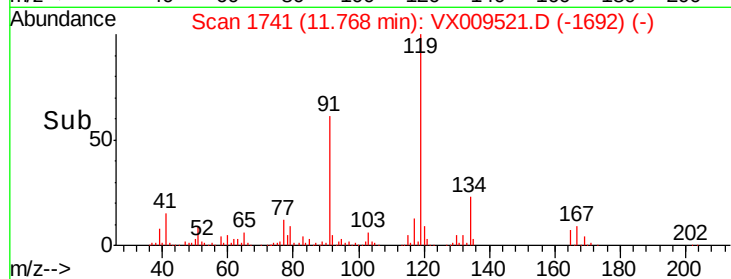
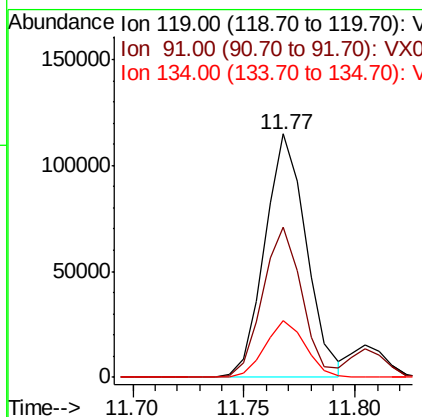
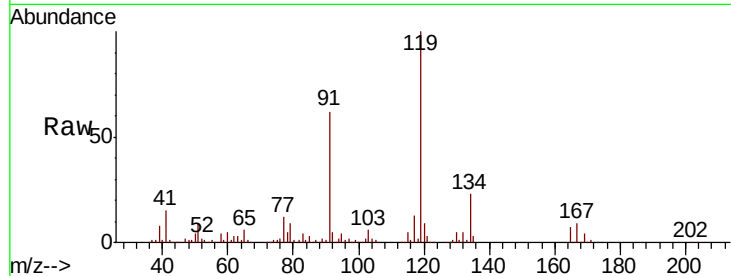




#83
 tert-Butylbenzene
 Concen: 21.332 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX009521.D
 Acq: 11 May 2019 13:34

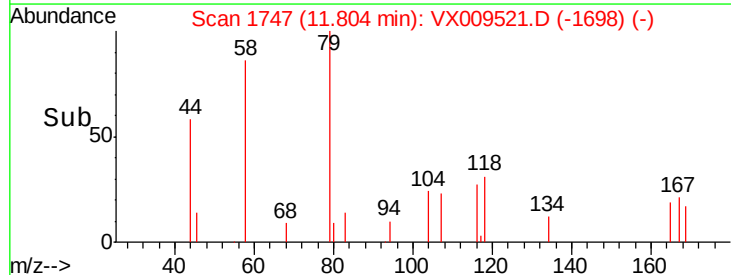
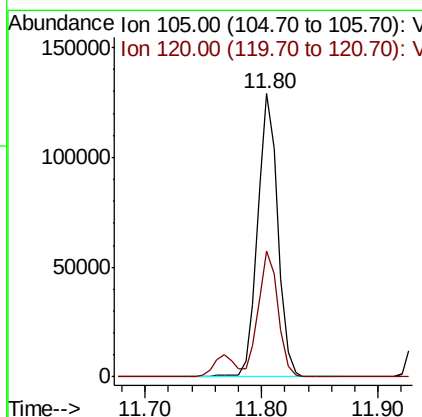
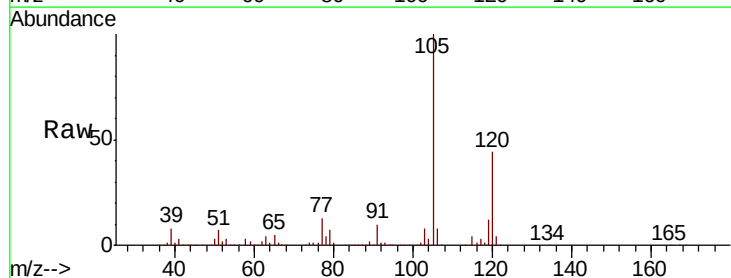
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBSD01

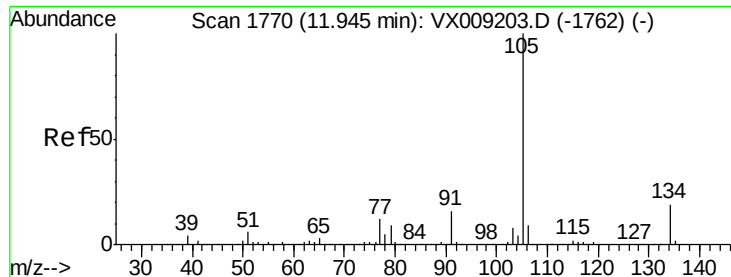
Tot Ion:119 Resp: 148371
 Ion Ratio Lower Upper
 119 100
 91 59.1 29.5 88.5
 134 22.5 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 21.630 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009521.D
 Acq: 11 May 2019 13:34

Tgt Ion:105 Resp: 155231
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.0 66.0





#85

sec-Butylbenzene

Concen: 21.121 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009521.D

Acq: 11 May 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

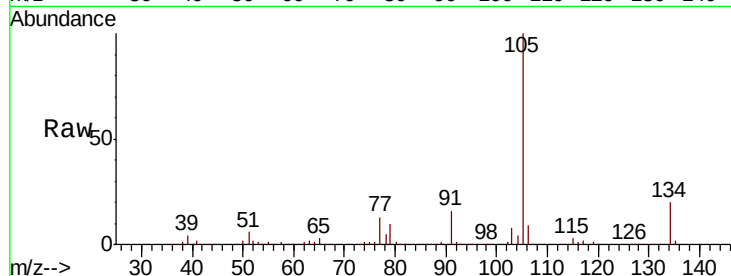
VX0511WBSD01

Tot Ion:105 Resp: 174164

Ion Ratio Lower Upper

105 100

134 19.6 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

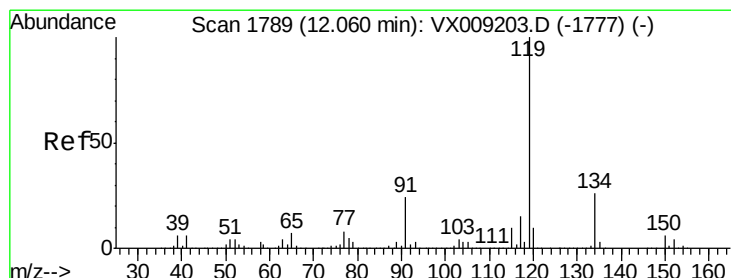
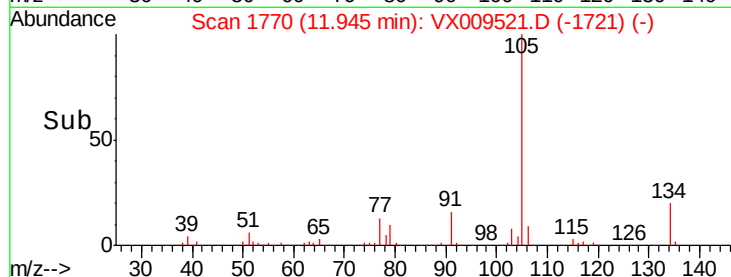
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.527 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009521.D

Acq: 11 May 2019 13:34

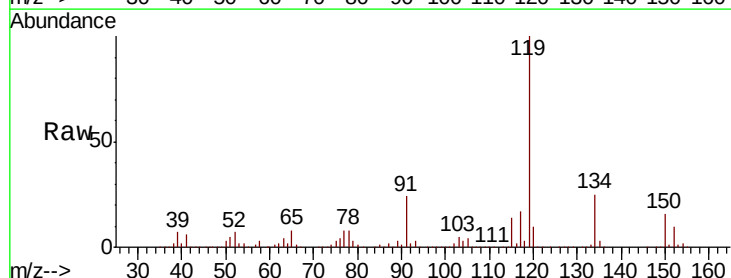
Tgt Ion:119 Resp: 159582

Ion Ratio Lower Upper

119 100

134 25.6 12.9 38.7

91 23.6 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

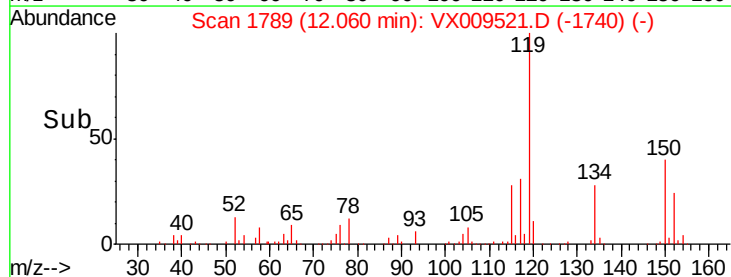
150000

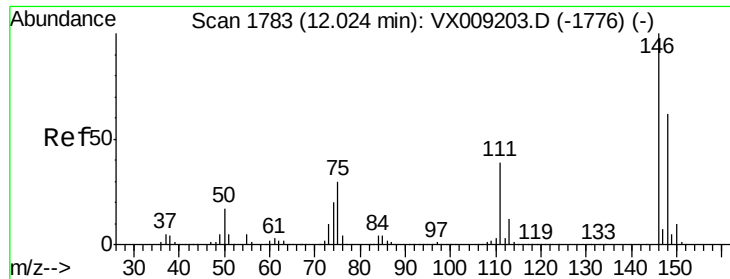
100000

50000

0

Time-->

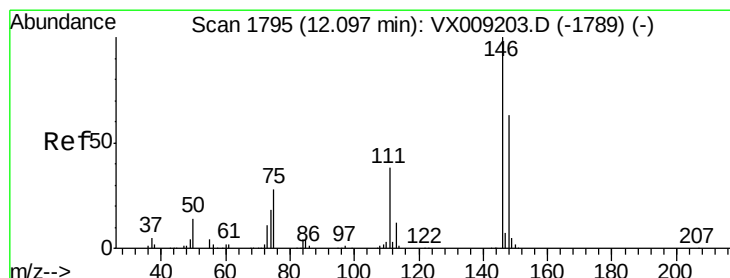
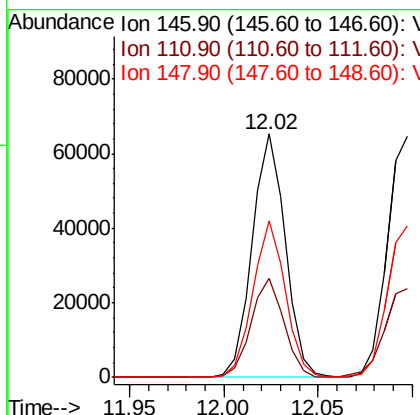
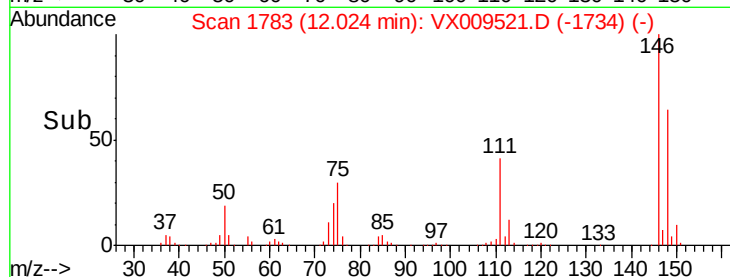
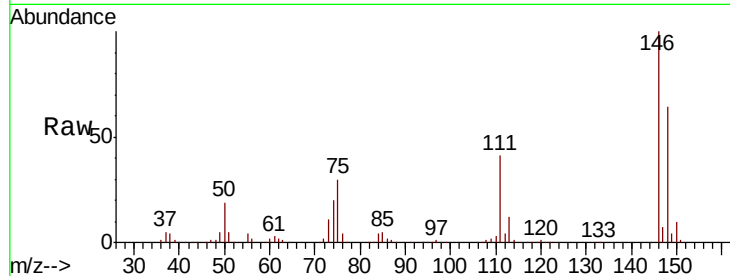




#87
 1,3-Dichlorobenzene
 Concen: 21.164 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009521.D
 Acq: 11 May 2019 13:34

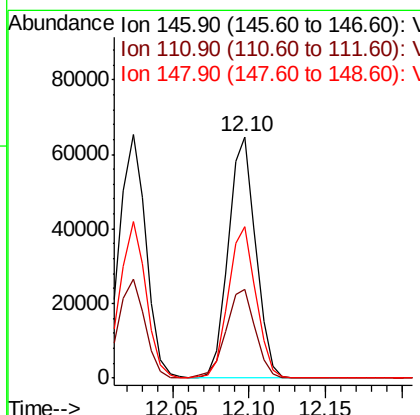
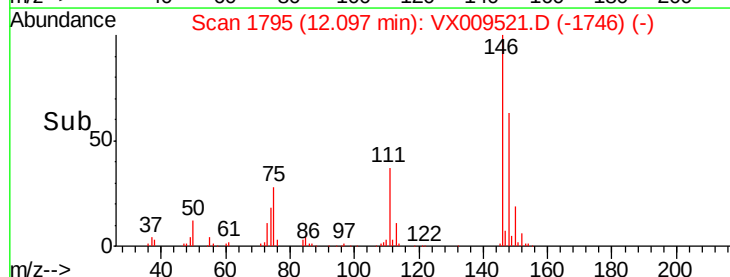
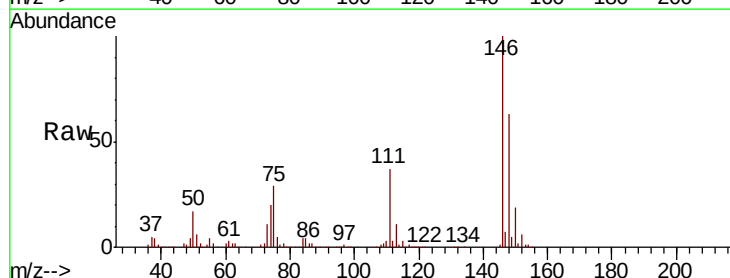
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBSD01

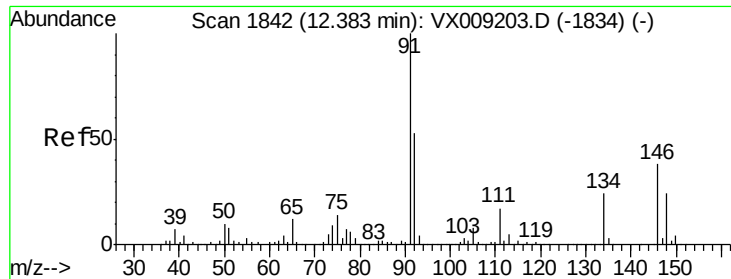
Tot Ion:146 Resp: 79516
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.0 59.9
 148 62.9 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 21.168 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009521.D
 Acq: 11 May 2019 13:34

Tgt Ion:146 Resp: 80184
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.6 58.8
 148 63.4 31.8 95.3





#89

n-Butylbenzene

Concen: 20.818 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX009521.D

Acq: 11 May 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBSD01

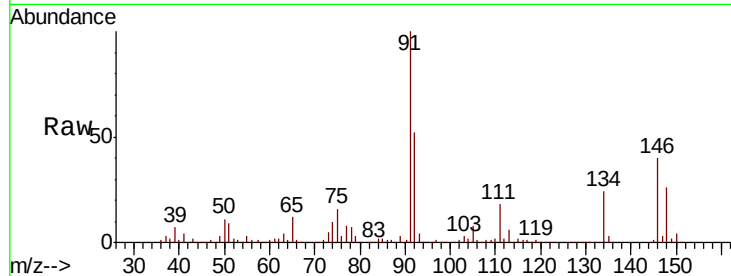
Tot Ion: 91 Resp: 139486

Ion Ratio Lower Upper

91 100

92 52.9 26.5 79.5

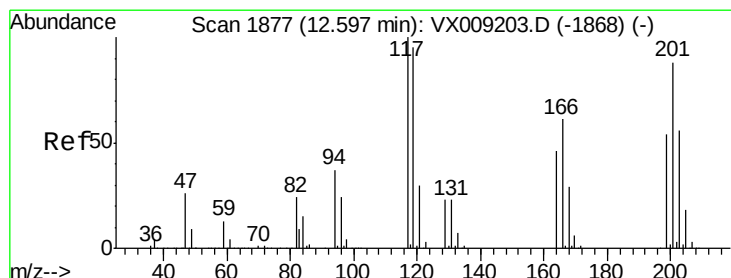
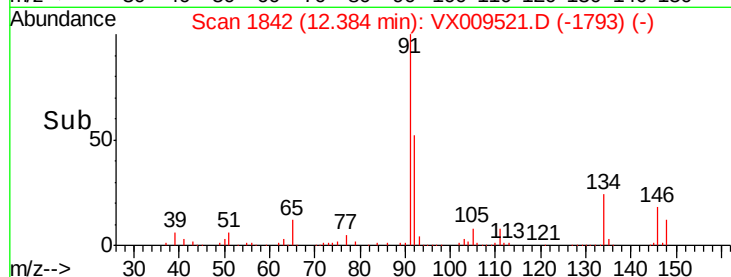
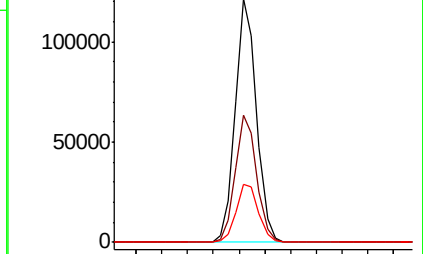
134 24.9 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX009521.D (-1793) (-)

Ion 92.00 (91.70 to 92.70): VX009521.D (-1793) (-)

Ion 134.00 (133.70 to 134.70): VX009521.D (-1793) (-)



#90

Hexachloroethane

Concen: 20.113 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX009521.D

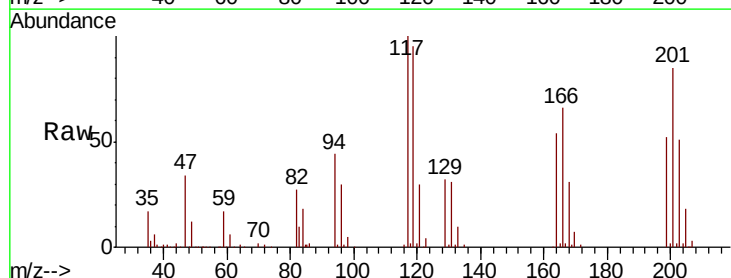
Acq: 11 May 2019 13:34

Tgt Ion: 117 Resp: 25402

Ion Ratio Lower Upper

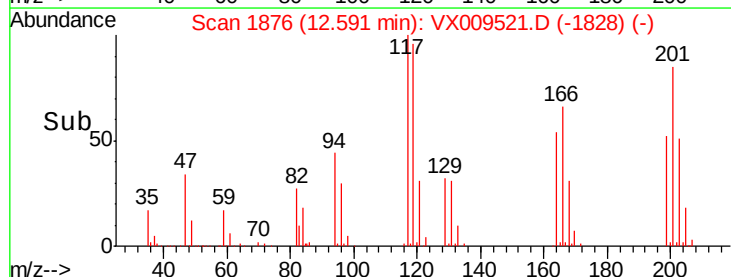
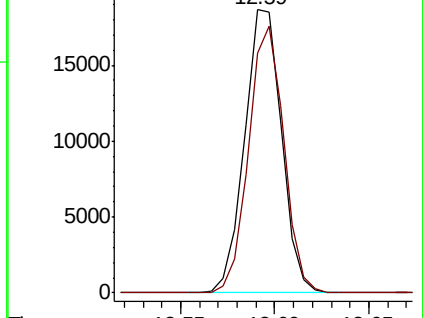
117 100

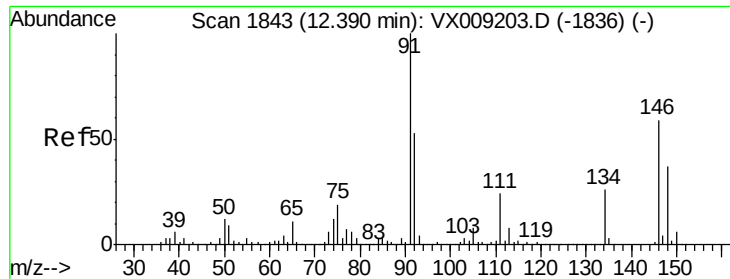
201 89.5 42.3 126.9



Abundance Ion 116.80 (116.50 to 117.50): VX009521.D (-1828) (-)

Ion 200.70 (200.40 to 201.40): VX009521.D (-1828) (-)

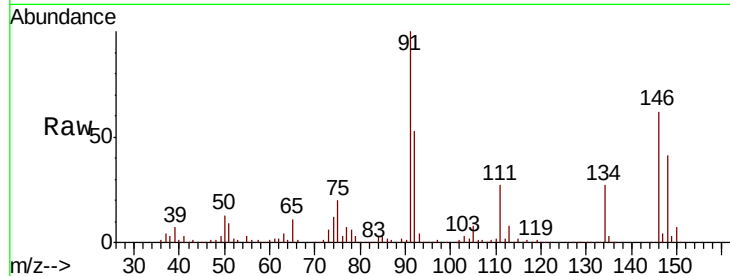




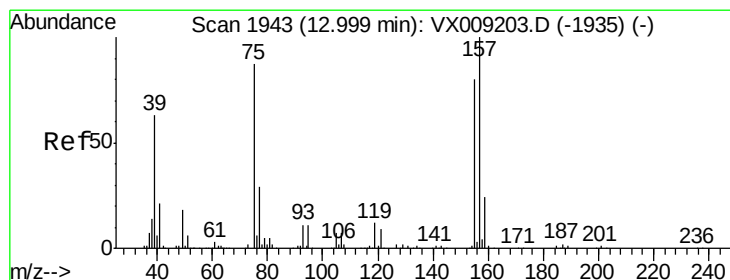
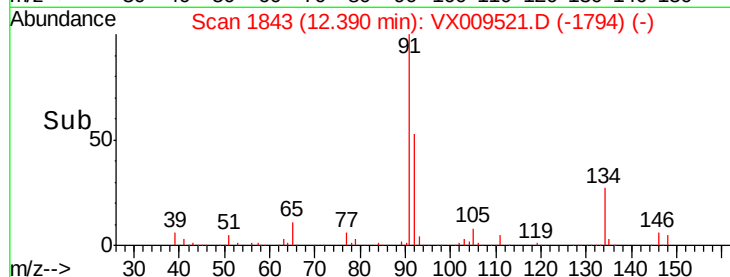
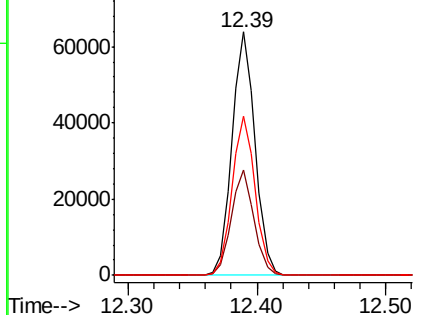
#91
 1,2-Dichlorobenzene
 Concen: 20.925 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009521.D
 Acq: 11 May 2019 13:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBSD01

Tot Ion:146 Resp: 80079
 Ion Ratio Lower Upper
 146 100
 111 42.4 20.8 62.4
 148 65.2 31.9 95.9

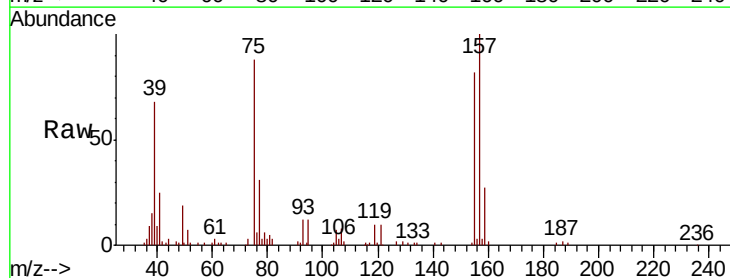


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

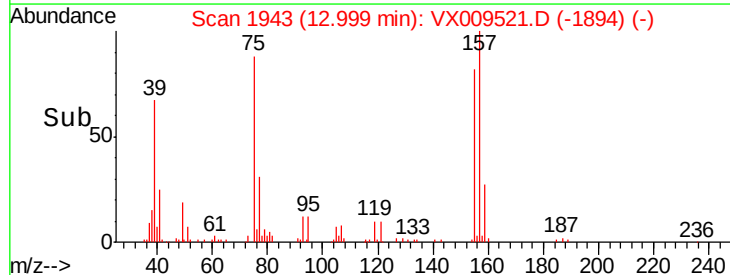
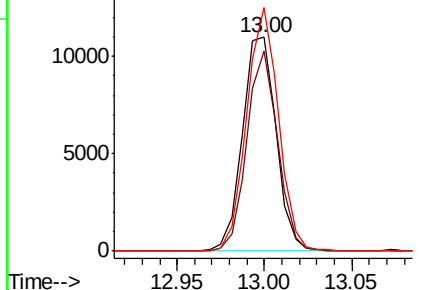


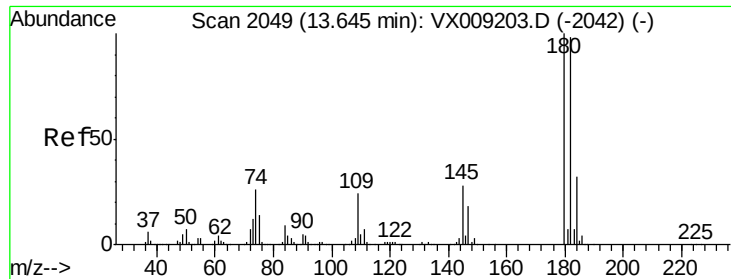
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.633 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX009521.D
 Acq: 11 May 2019 13:34

Tgt Ion: 75 Resp: 14652
 Ion Ratio Lower Upper
 75 100
 155 85.7 42.0 126.0
 157 107.7 53.2 159.6



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

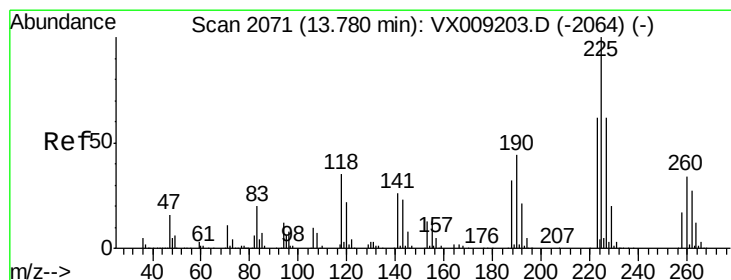
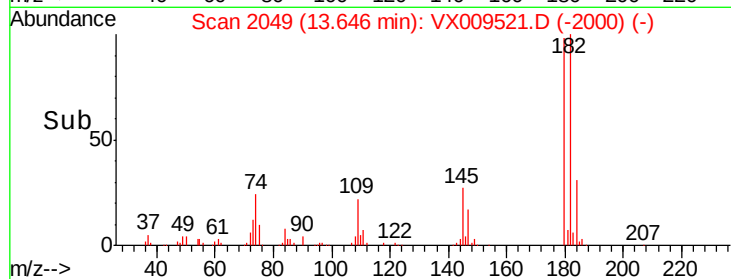
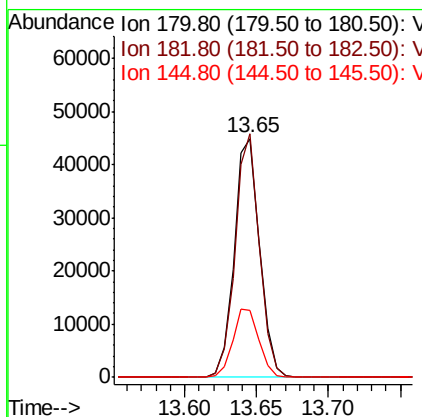
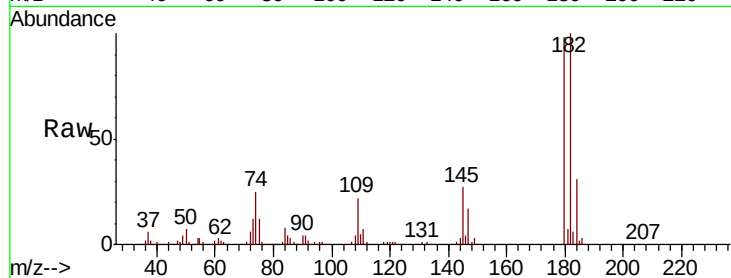




#93
 1,2,4-Trichlorobenzene
 Concen: 21.156 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009521.D
 Acq: 11 May 2019 13:34

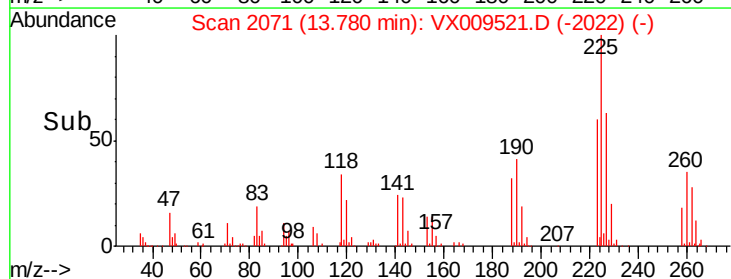
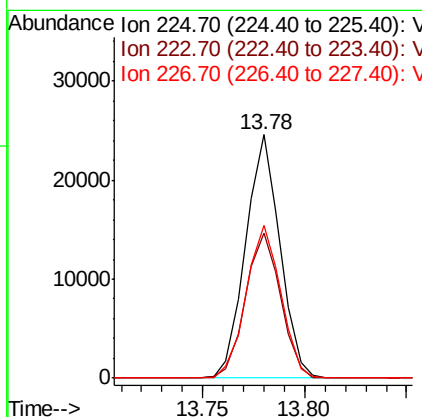
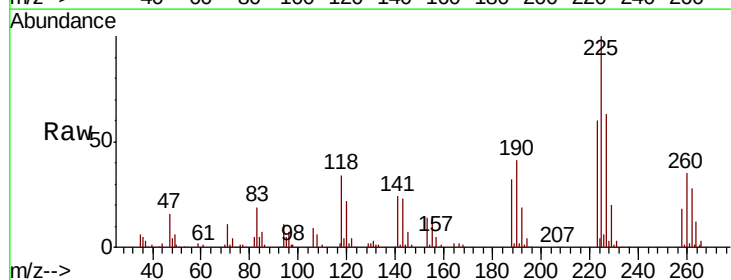
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBSD01

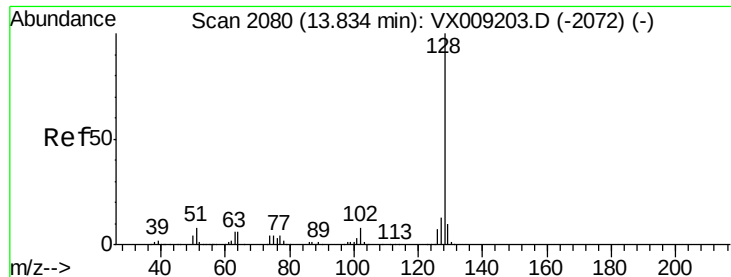
Tot Ion:180 Resp: 55363
 Ion Ratio Lower Upper
 180 100
 182 97.1 48.4 145.2
 145 29.5 14.6 43.8



#94
 Hexachlorobutadiene
 Concen: 21.490 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009521.D
 Acq: 11 May 2019 13:34

Tgt Ion:225 Resp: 28718
 Ion Ratio Lower Upper
 225 100
 223 60.9 31.3 93.8
 227 63.6 31.8 95.3





#95

Naphthalene

Concen: 21.319 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX009521.D

Acq: 11 May 2019 13:34

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBSD01

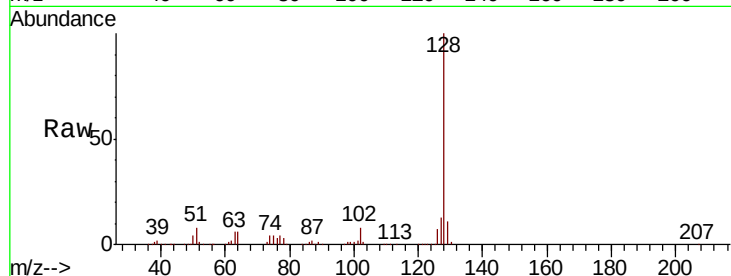
Tot Ion:128 Resp: 181515

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

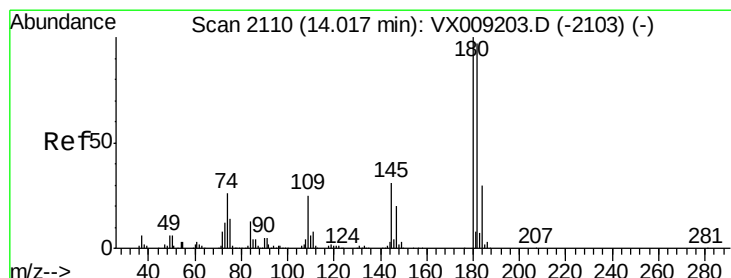
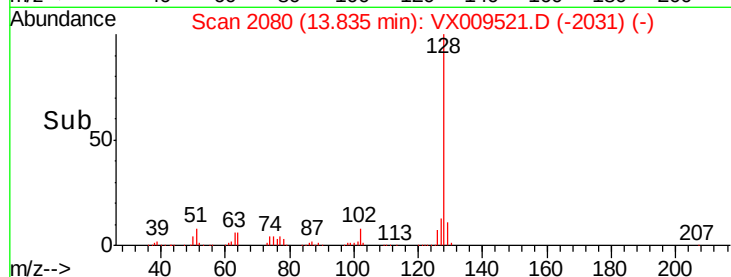
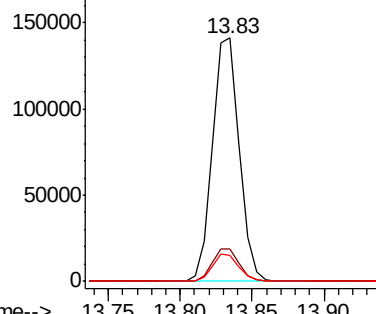
129 11.1 8.6 13.0



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: 21.520 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX009521.D

Acq: 11 May 2019 13:34

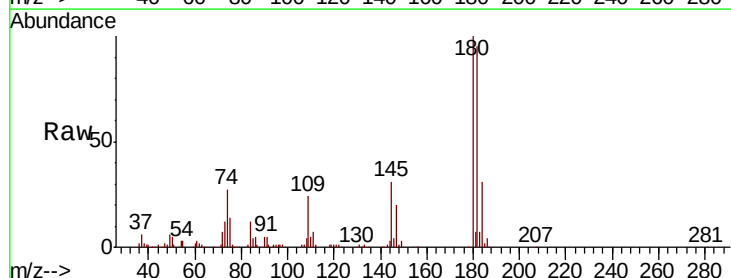
Tgt Ion:180 Resp: 57085

Ion Ratio Lower Upper

180 100

182 95.1 47.8 143.4

145 31.2 15.4 46.4



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

