

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100518\
 Data File : VX005094.D
 Acq On : 06 Oct 2018 04:39
 Operator : JC/MD
 Sample : VX1005WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005WBS02

Quant Time: Oct 06 06:41:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	201401	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	281771	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	269561	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166837	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	155566	54.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.14%	
35) Dibromofluoromethane	5.50	113	124393	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
50) Toluene-d8	8.72	98	444391	55.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.96%	
62) 4-Bromofluorobenzene	11.14	95	162184	56.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.42%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	57649	20.993	ug/l	98
3) Chloromethane	1.32	50	70551	21.176	ug/l	90
4) Vinyl Chloride	1.40	62	65007	20.804	ug/l	98
5) Bromomethane	1.64	94	38169	20.599	ug/l	93
6) Chloroethane	1.72	64	39385	21.816	ug/l	99
7) Trichlorofluoromethane	1.93	101	84157	21.755	ug/l	99
8) Diethyl Ether	2.19	74	33045	19.663	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	48322	21.929	ug/l	99
10) Methyl Iodide	2.51	142	44515	15.097	ug/l	93
11) Tert butyl alcohol	3.07	59	93983	116.830	ug/l	98
12) 1,1-Dichloroethene	2.37	96	43491	19.929	ug/l	94
13) Acrolein	2.29	56	12173	21.268	ug/l	90
14) Allyl chloride	2.73	41	96925	20.356	ug/l	96
15) Acrylonitrile	3.15	53	193926	109.508	ug/l	95
16) Acetone	2.45	43	170239	101.353	ug/l	92
17) Carbon Disulfide	2.57	76	117194	17.872	ug/l	97
18) Methyl Acetate	2.78	43	115914	27.238	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	166554	22.127	ug/l	91
20) Methylene Chloride	2.85	84	58861	23.660	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	47424	19.852	ug/l	96
22) Diisopropyl ether	3.87	45	184102	22.961	ug/l #	89
23) Vinyl Acetate	3.82	43	728143	99.212	ug/l	96
24) 1,1-Dichloroethane	3.70	63	102611	21.454	ug/l	100
25) 2-Butanone	4.70	43	260848	105.356	ug/l	93
26) 2,2-Dichloropropane	4.58	77	47770	14.343	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	55698	20.871	ug/l	97
28) Bromochloromethane	5.02	49	45151	20.047	ug/l	98
29) Tetrahydrofuran	5.17	42	172718	112.239	ug/l	99
30) Chloroform	5.21	83	95402	21.106	ug/l	89
31) Cyclohexane	5.58	56	80045	21.867	ug/l #	80
32) 1,1,1-Trichloroethane	5.49	97	77407	20.969	ug/l	96
36) 1,1-Dichloropropene	5.79	75	64841	19.901	ug/l	95
37) Ethyl Acetate	4.86	43	94130	21.765	ug/l	98
38) Carbon Tetrachloride	5.78	117	67320	19.656	ug/l	92

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Quant Time: Oct 06 06:41:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	65288	19.624	ug/l	88
40) Benzene	6.14	78	203739	19.974	ug/l	91
41) Methacrylonitrile	5.06	41	49435	20.611	ug/l #	94
42) 1,2-Dichloroethane	6.20	62	75426	20.917	ug/l	96
43) Isopropyl Acetate	6.46	43	127987	20.503	ug/l	97
44) Trichloroethene	7.21	130	50687	20.214	ug/l	97
45) 1,2-Dichloropropane	7.52	63	53419	21.355	ug/l	97
46) Dibromomethane	7.66	93	32739	20.826	ug/l	99
47) Bromodichloromethane	7.90	83	62365	21.189	ug/l	99
48) Methyl methacrylate	7.77	41	63243	22.321	ug/l	100
49) 1,4-Dioxane	7.76	88	30049	426.889	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	447413	113.832	ug/l	98
52) Toluene	8.79	92	118363	21.118	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	63723	19.159	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	71308	20.468	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	50895	20.730	ug/l	95
56) Ethyl methacrylate	9.18	69	73097	20.159	ug/l	98
57) 1,3-Dichloropropane	9.37	76	84645	20.715	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	221719	113.080	ug/l	100
59) 2-Hexanone	9.50	43	349908	106.831	ug/l	94
60) Dibromochloromethane	9.59	129	50134	20.418	ug/l	98
61) 1,2-Dibromoethane	9.67	107	51369	19.537	ug/l	94
64) Tetrachloroethene	9.34	164	57392	21.632	ug/l	97
65) Chlorobenzene	10.14	112	132989	19.239	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	48116	19.800	ug/l	98
67) Ethyl Benzene	10.26	91	218971	19.953	ug/l	95
68) m/p-Xylenes	10.36	106	171899	40.085	ug/l	95
69) o-Xylene	10.70	106	81799	20.767	ug/l	100
70) Styrene	10.71	104	137671	20.028	ug/l	99
71) Bromoform	10.86	173	40033	19.242	ug/l #	97
73) Isopropylbenzene	11.02	105	225163	21.412	ug/l	100
74) N-amyl acetate	10.90	43	104431	19.184	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	81031	18.929	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	90684	24.251	ug/l	85
77) Bromobenzene	11.26	156	61456	20.120	ug/l	99
78) n-propylbenzene	11.36	91	258016	21.384	ug/l	99
79) 2-Chlorotoluene	11.42	91	157301	20.915	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	192458	19.849	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	19045	15.326	ug/l	96
82) 4-Chlorotoluene	11.51	91	183663	20.747	ug/l	99
83) tert-Butylbenzene	11.77	119	183904	21.241	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	197095	19.709	ug/l	99
85) sec-Butylbenzene	11.94	105	226867	21.512	ug/l	100
86) p-Isopropyltoluene	12.07	119	201849	21.126	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	113489	19.898	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	114526	19.452	ug/l	98
89) n-Butylbenzene	12.39	91	172880	19.923	ug/l	99
90) Hexachloroethane	12.60	117	31175	19.597	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	115352	19.353	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19450	20.694	ug/l	98

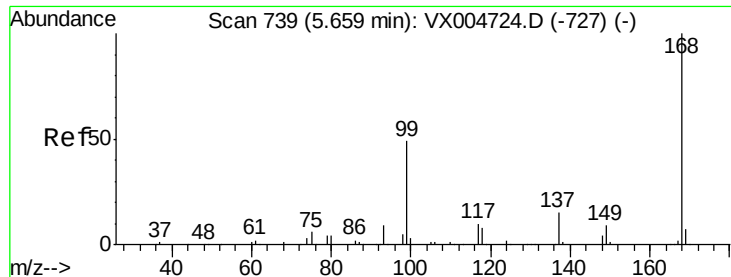
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100518\
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Quant Time: Oct 06 06:41:30 2018
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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	83683	20.014	ug/l	98
94) Hexachlorobutadiene	13.79	225	42831	19.755	ug/l	99
95) Naphthalene	13.83	128	257911	19.037	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	87935	20.359	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

Instrument :

MSVOA_X

ClientSampleId :

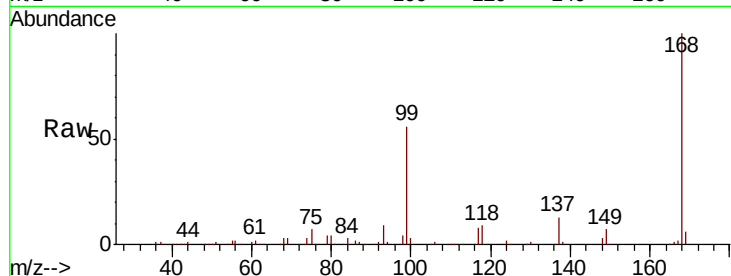
VX1005WBS02

Tot Ion:168 Resp: 201401

Ion Ratio Lower Upper

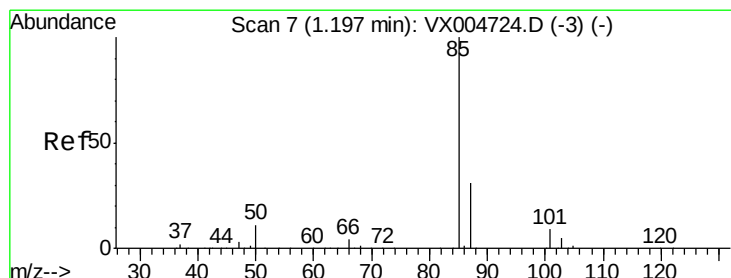
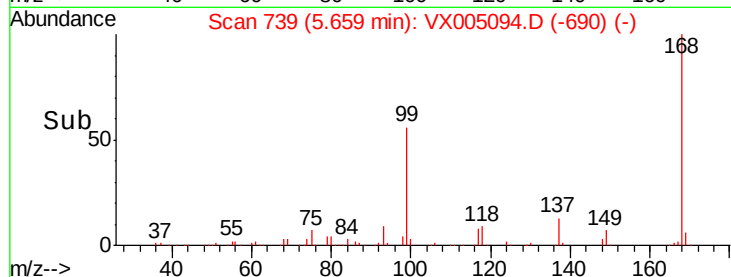
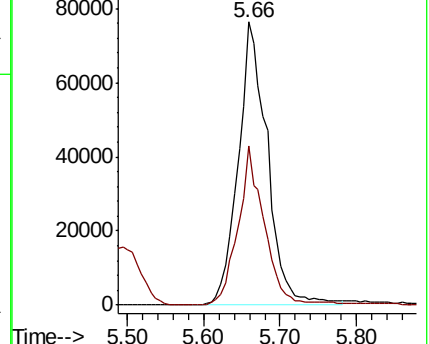
168 100

99 56.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.993 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005094.D

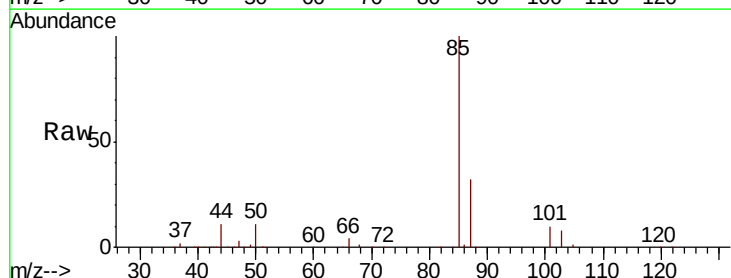
Acq: 06 Oct 2018 04:39

Tgt Ion: 85 Resp: 57649

Ion Ratio Lower Upper

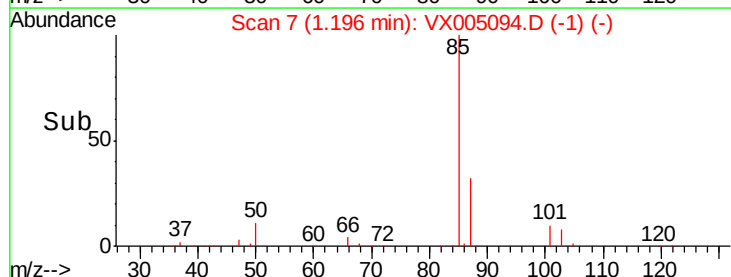
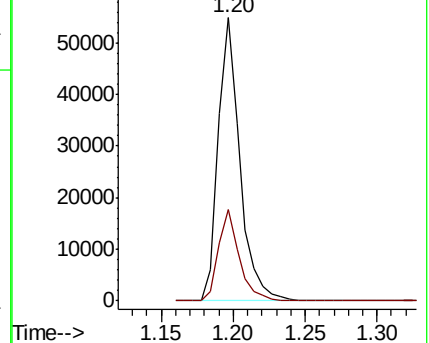
85 100

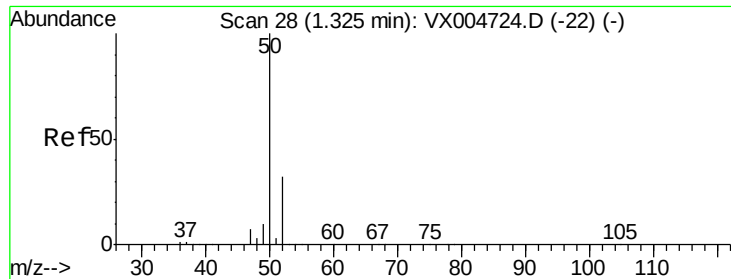
87 32.3 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 21.176 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

Instrument :

MSVOA_X

ClientSampleId :

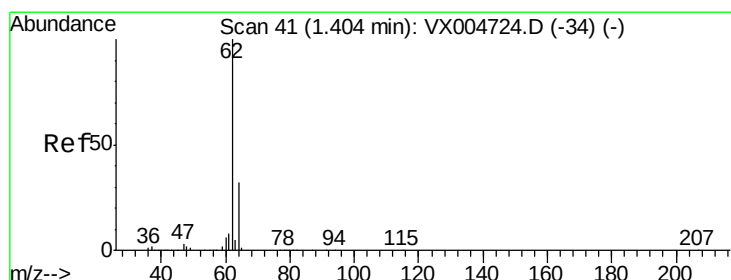
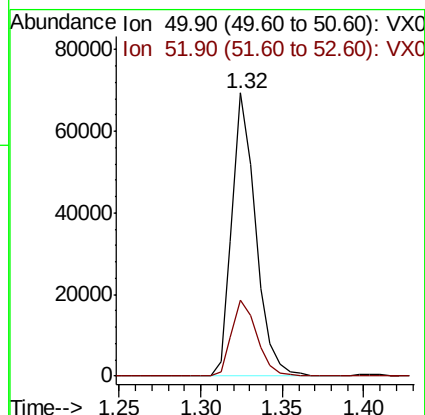
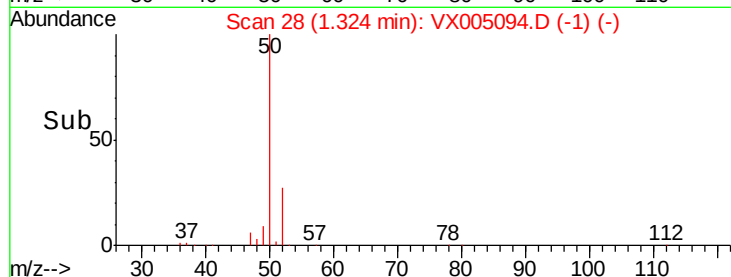
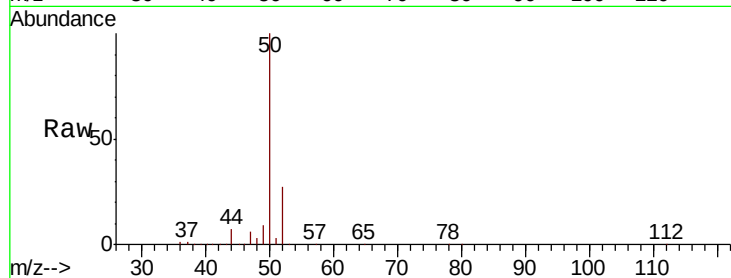
VX1005WBS02

Tot Ion: 50 Resp: 70551

Ion Ratio Lower Upper

50 100

52 26.8 25.8 38.6



#4

Vinyl Chloride

Concen: 20.804 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005094.D

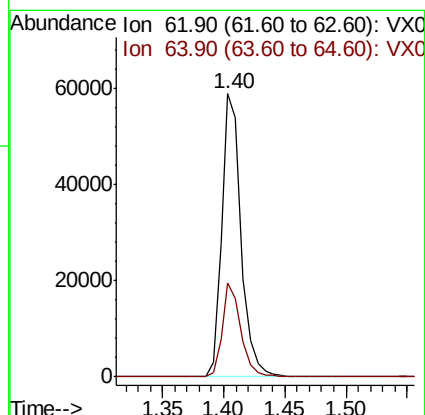
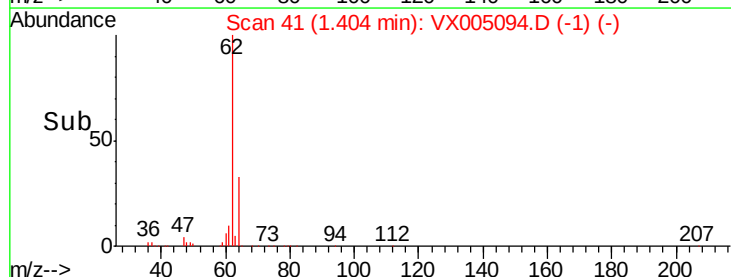
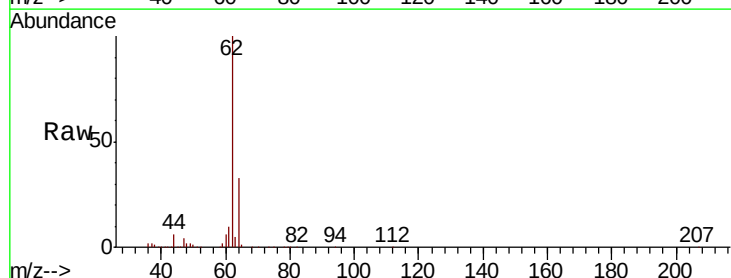
Acq: 06 Oct 2018 04:39

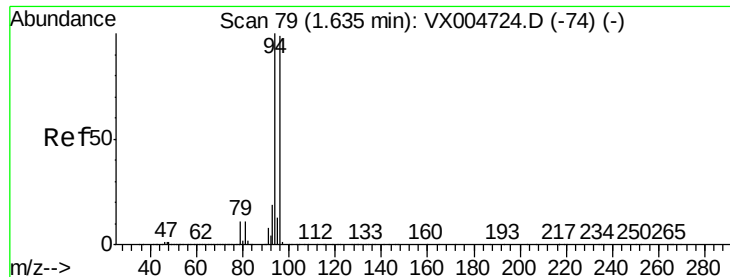
Tgt Ion: 62 Resp: 65007

Ion Ratio Lower Upper

62 100

64 33.0 25.5 38.3





#5

Bromomethane

Concen: 20.599 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

Instrument :

MSVOA_X

ClientSampleId :

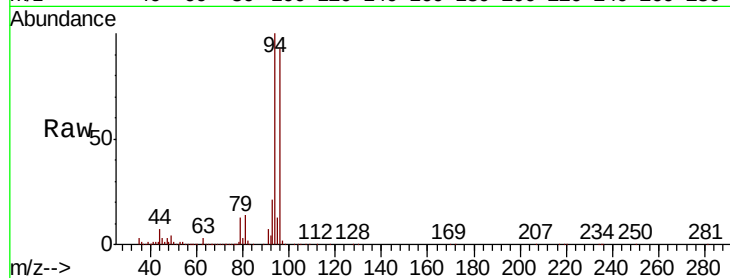
VX1005WBS02

Tot Ion: 94 Resp: 38169

Ion Ratio Lower Upper

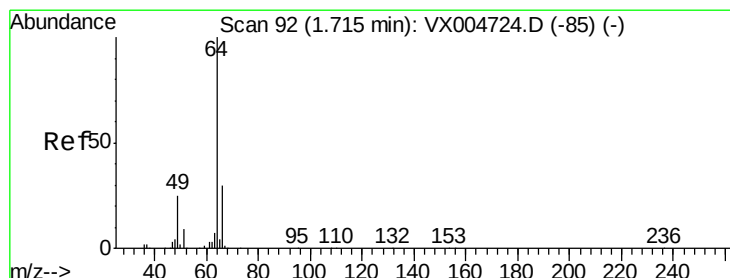
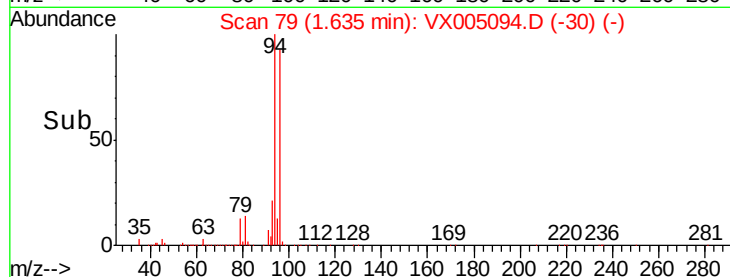
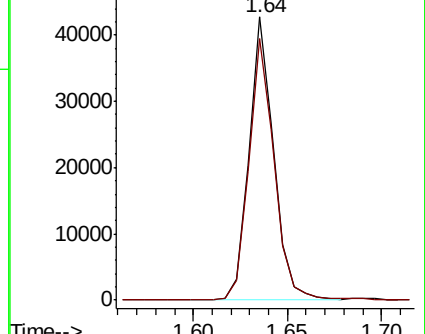
94 100

96 92.6 79.5 119.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.816 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005094.D

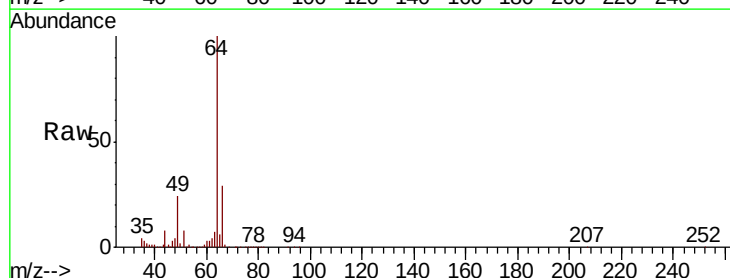
Acq: 06 Oct 2018 04:39

Tgt Ion: 64 Resp: 39385

Ion Ratio Lower Upper

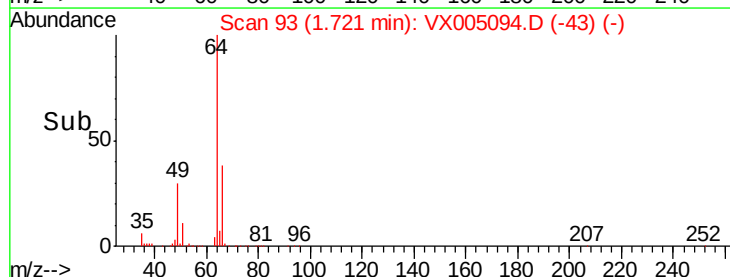
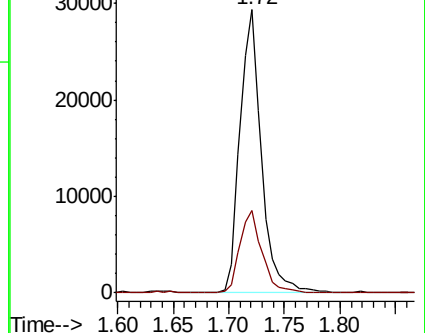
64 100

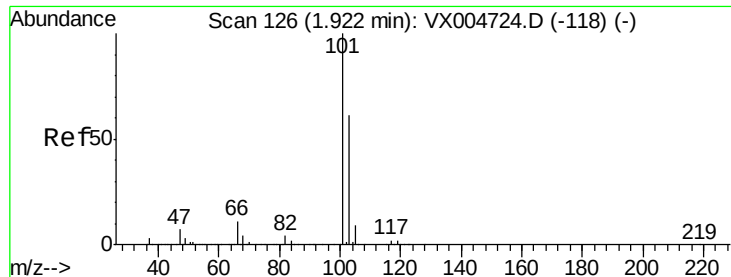
66 29.2 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



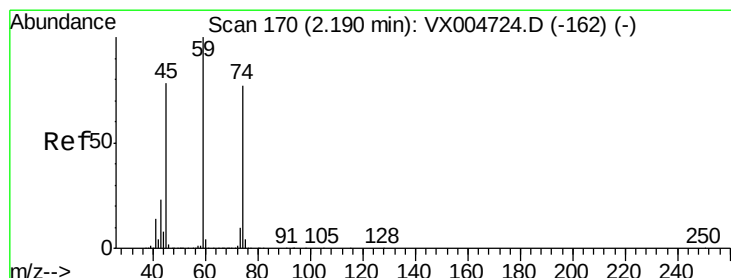
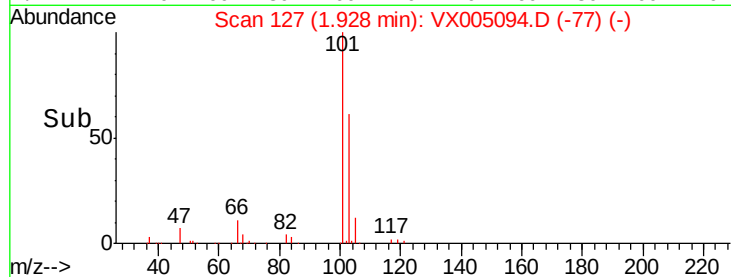
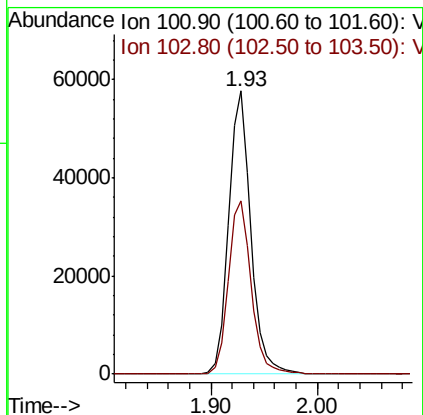
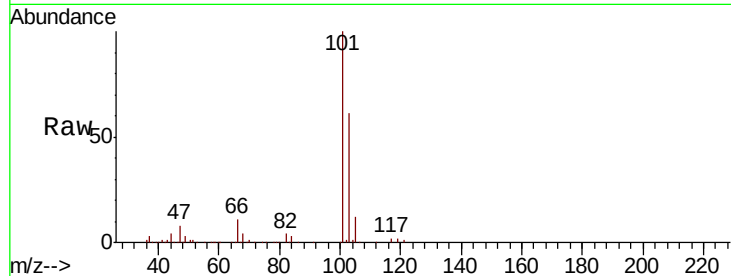


#7

Trichlorofluoromethane
 Concen: 21.755 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX005094.D
 Acq: 06 Oct 2018 04:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005WBS02

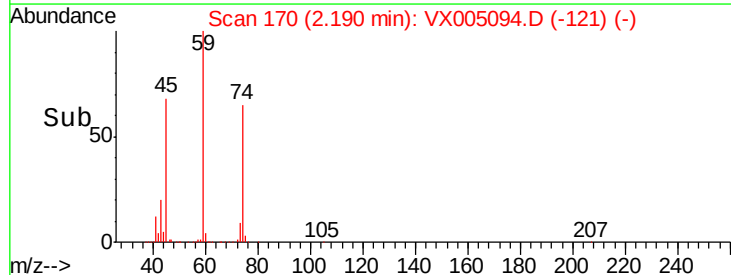
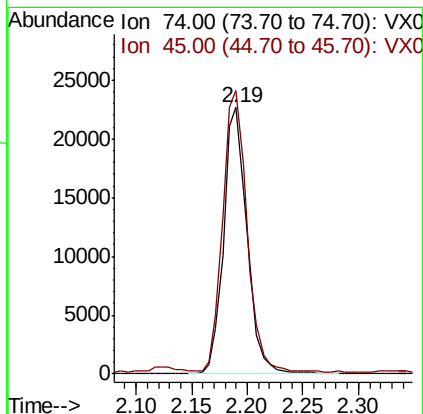
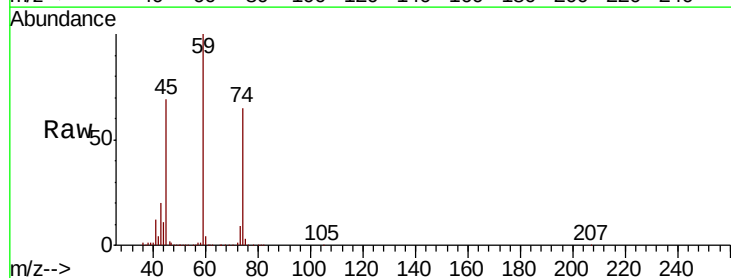
Tot Ion:101 Resp: 84157
 Ion Ratio Lower Upper
 101 100
 103 61.3 48.4 72.6

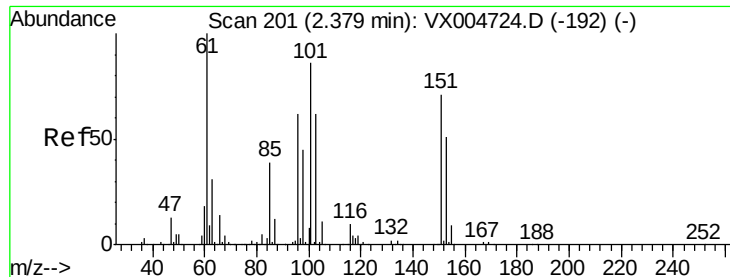


#8

Diethyl Ether
 Concen: 19.663 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005094.D
 Acq: 06 Oct 2018 04:39

Tgt Ion: 74 Resp: 33045
 Ion Ratio Lower Upper
 74 100
 45 110.0 52.5 157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.929 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

Instrument :

MSVOA_X

ClientSampleId :

VX1005WBS02

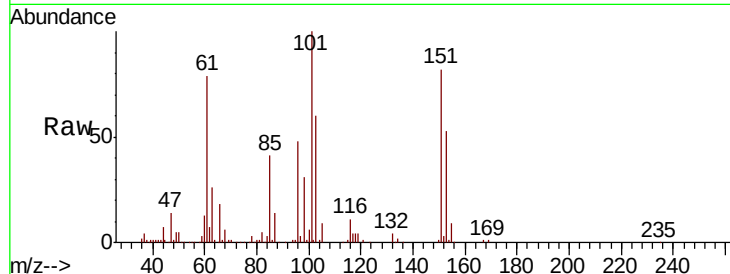
Tot Ion:101 Resp: 48322

Ion Ratio Lower Upper

101 100

85 42.5 35.9 53.9

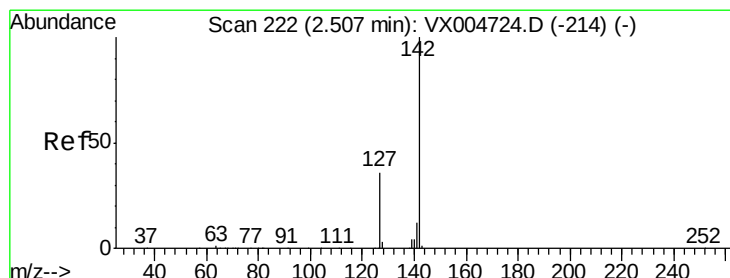
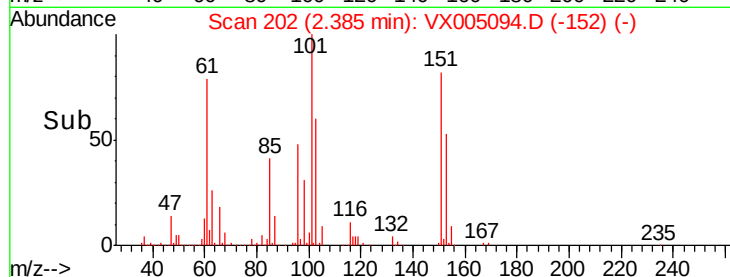
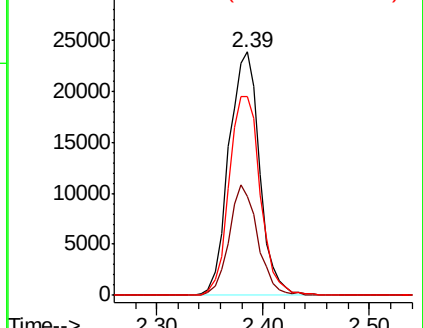
151 83.1 66.6 100.0



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: 15.097 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

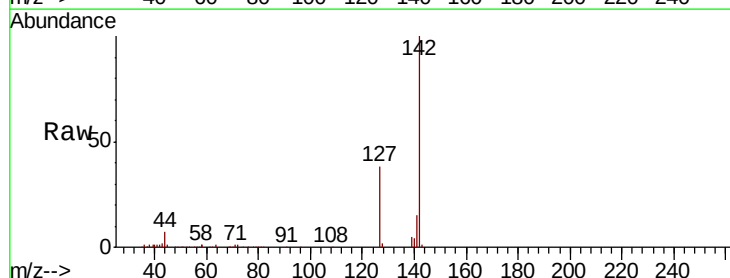
Tgt Ion:142 Resp: 44515

Ion Ratio Lower Upper

142 100

127 42.3 30.1 45.1

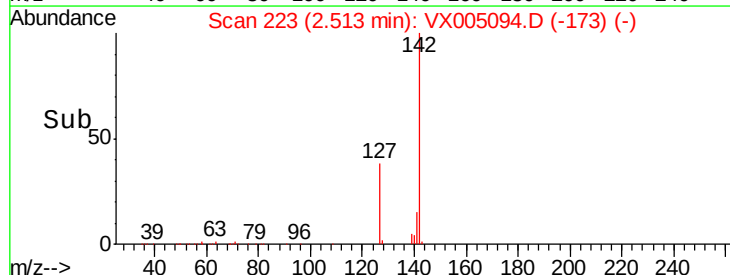
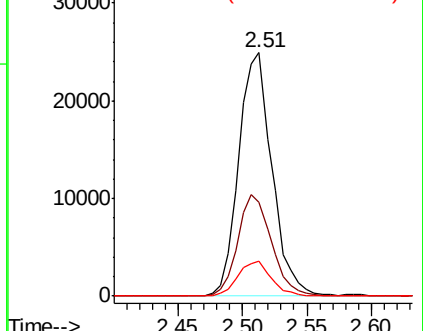
141 14.5 10.1 15.1

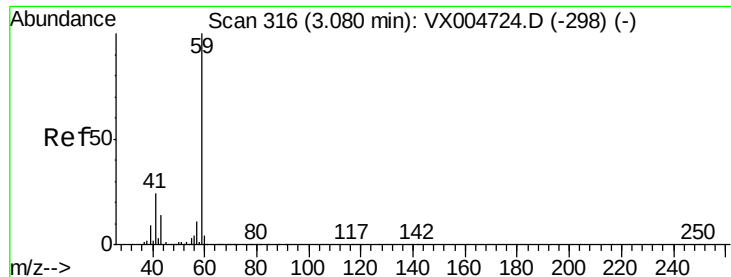


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



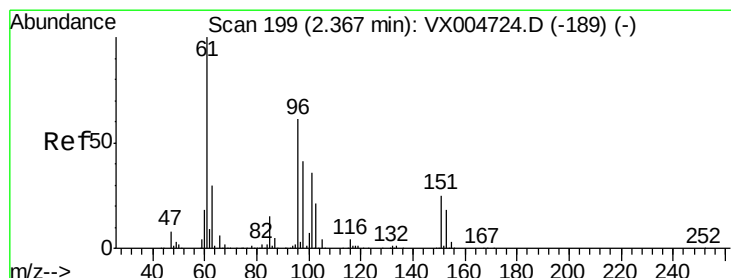
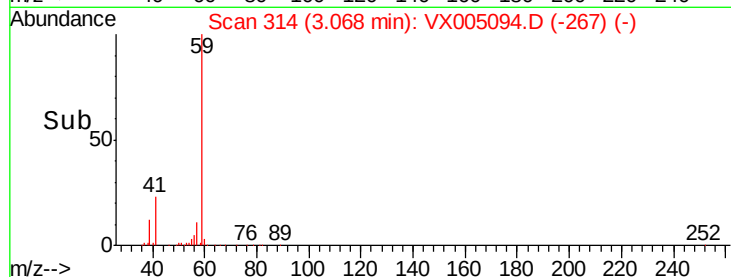
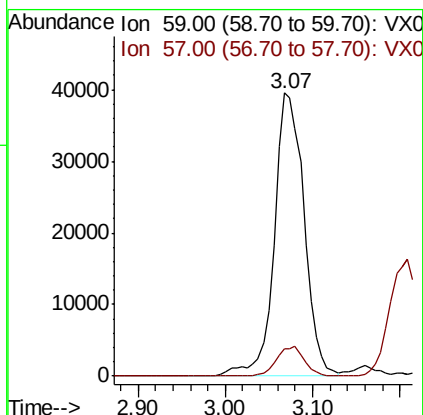
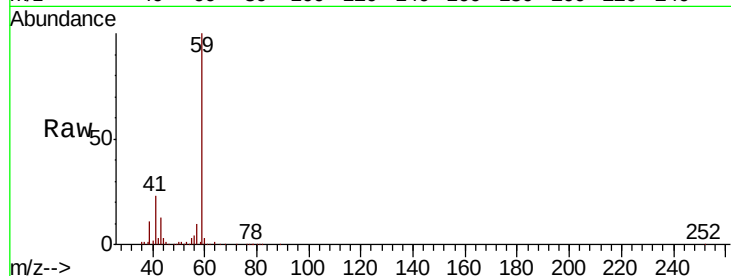


#11

Tert butyl alcohol
 Concen: 116.830 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX005094.D
 Acq: 06 Oct 2018 04:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005WBS02

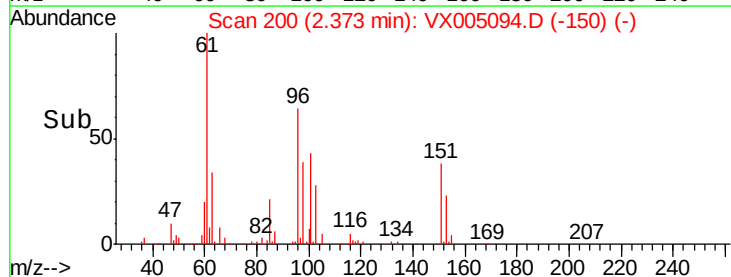
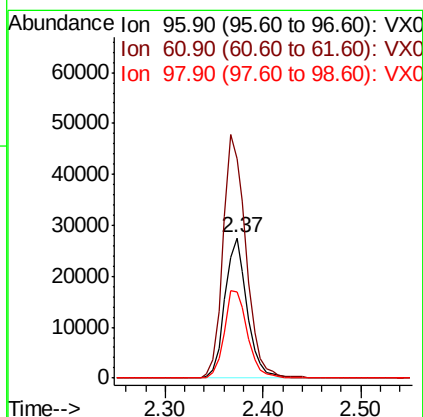
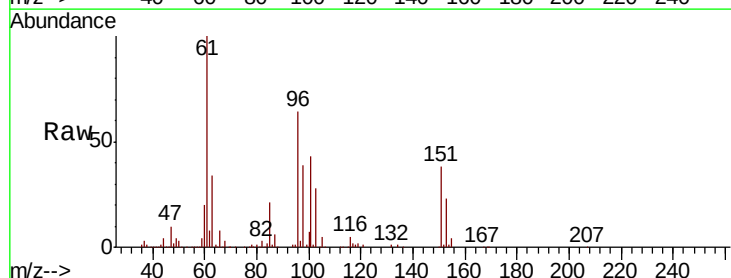
Tot Ion: 59 Resp: 93983
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.6 12.8

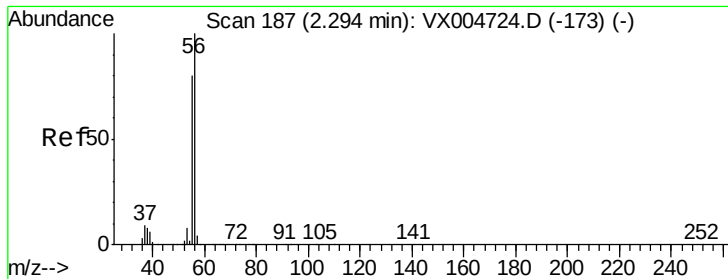


#12

1,1-Dichloroethene
 Concen: 19.929 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX005094.D
 Acq: 06 Oct 2018 04:39

Tgt Ion: 96 Resp: 43491
 Ion Ratio Lower Upper
 96 100
 61 155.9 130.2 195.4
 98 61.6 53.4 80.0





#13

Acrolein

Concen: 21.268 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

Instrument :

MSVOA_X

ClientSampleId :

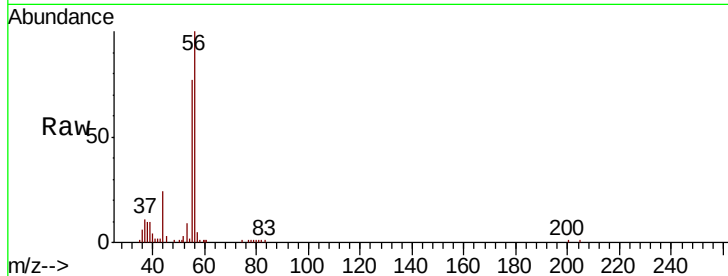
VX1005WBS02

Tot Ion: 56 Resp: 12173

Ion Ratio Lower Upper

56 100

55 70.7 63.4 95.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

8000

6000

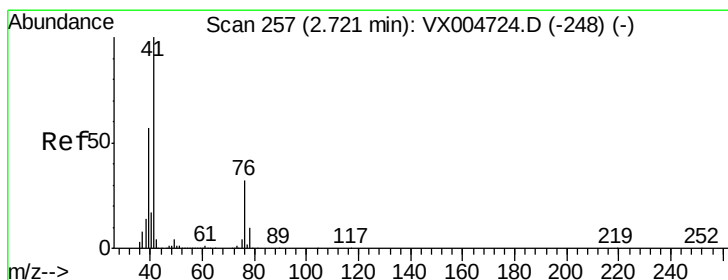
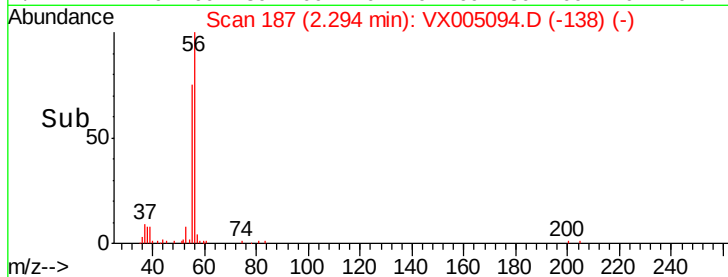
4000

2000

0

Time-->

2.25 2.30 2.35



#14

Allyl chloride

Concen: 20.356 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

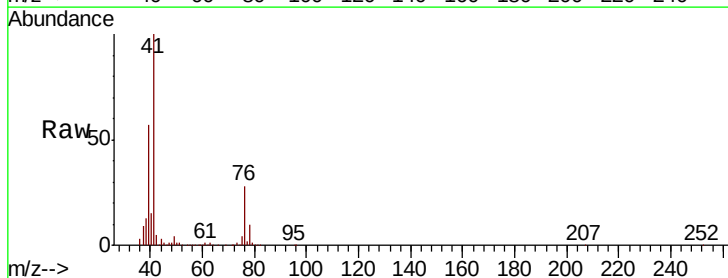
Tgt Ion: 41 Resp: 96925

Ion Ratio Lower Upper

41 100

39 57.4 44.1 66.1

76 27.9 25.0 37.4



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

60000

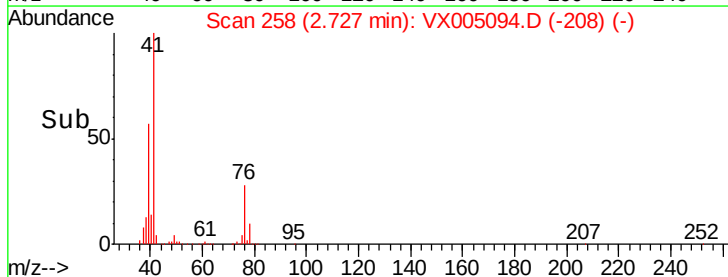
40000

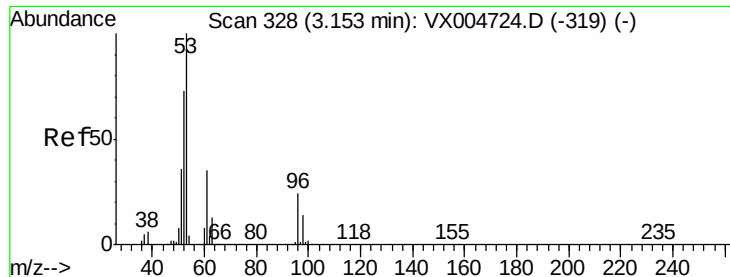
20000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 109.508 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

Instrument :

MSVOA_X

ClientSampleId :

VX1005WBS02

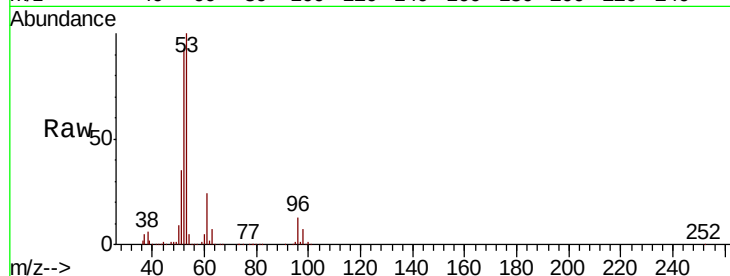
Tot Ion: 53 Resp: 193926

Ion Ratio Lower Upper

53 100

52 85.5 63.0 94.4

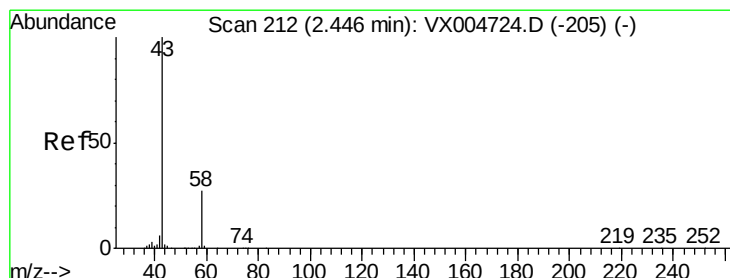
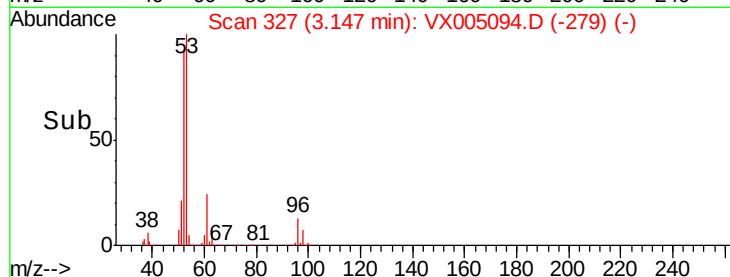
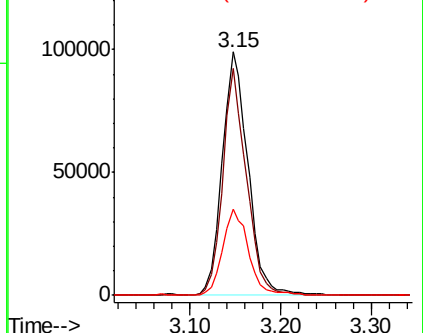
51 35.5 28.6 42.8



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: 101.353 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005094.D

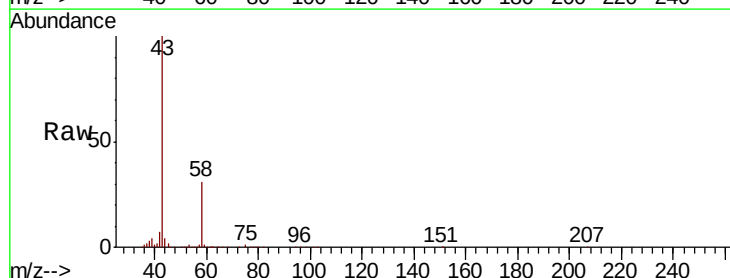
Acq: 06 Oct 2018 04:39

Tgt Ion: 43 Resp: 170239

Ion Ratio Lower Upper

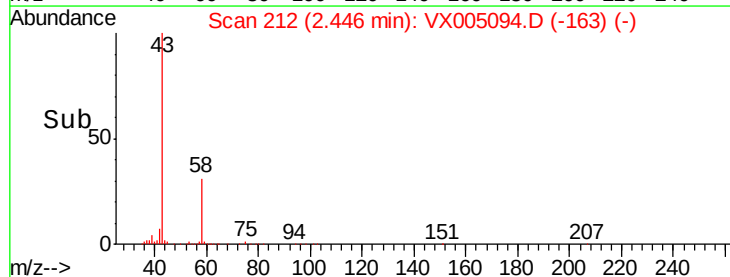
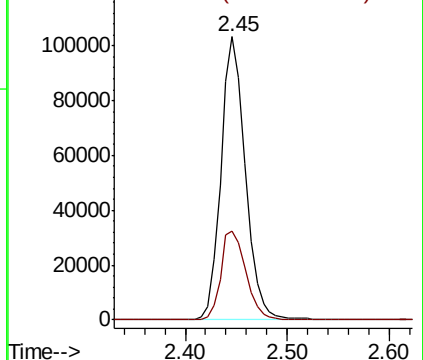
43 100

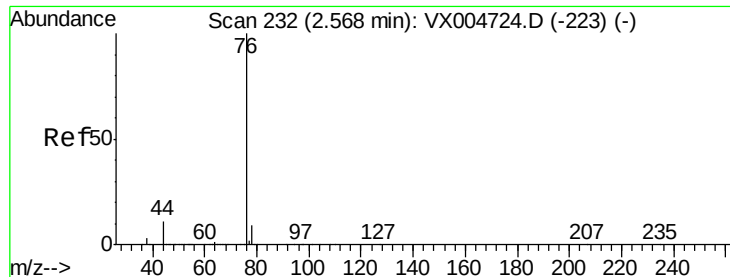
58 31.2 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 17.872 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

Instrument :

MSVOA_X

ClientSampleId :

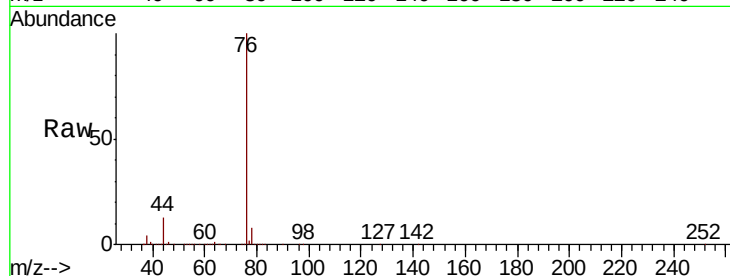
VX1005WBS02

Tot Ion: 76 Resp: 117194

Ion Ratio Lower Upper

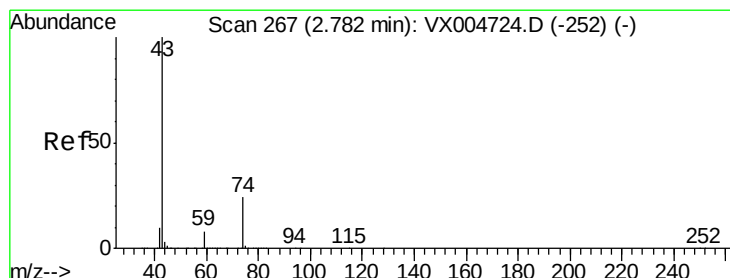
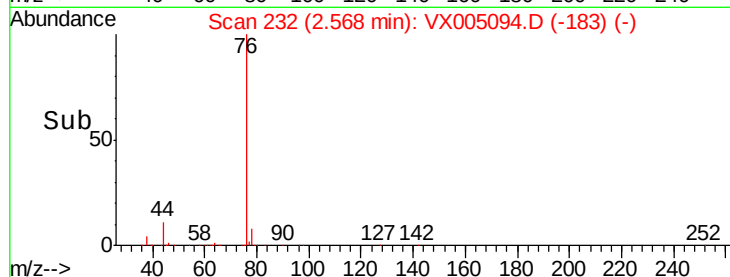
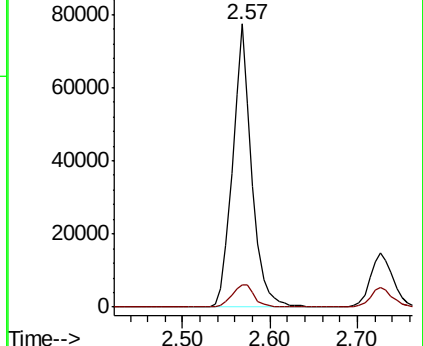
76 100

78 7.6 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 27.238 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX005094.D

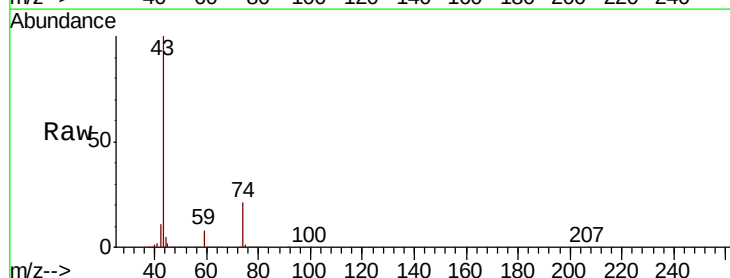
Acq: 06 Oct 2018 04:39

Tgt Ion: 43 Resp: 115914

Ion Ratio Lower Upper

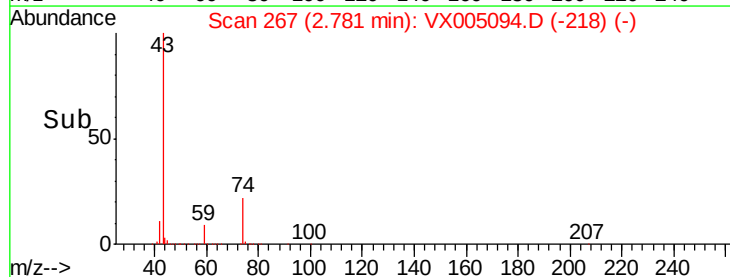
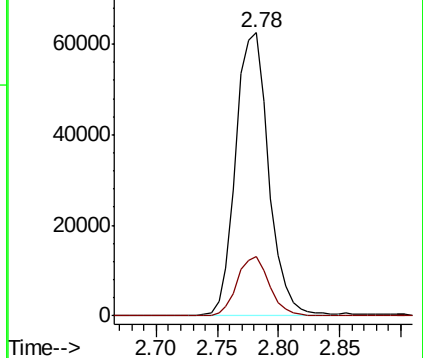
43 100

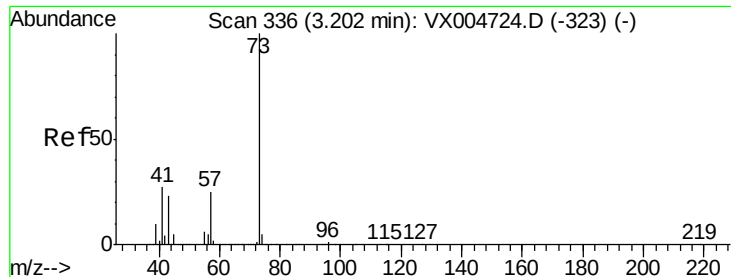
74 20.5 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

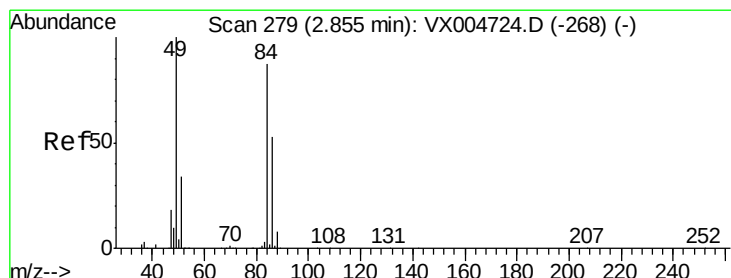
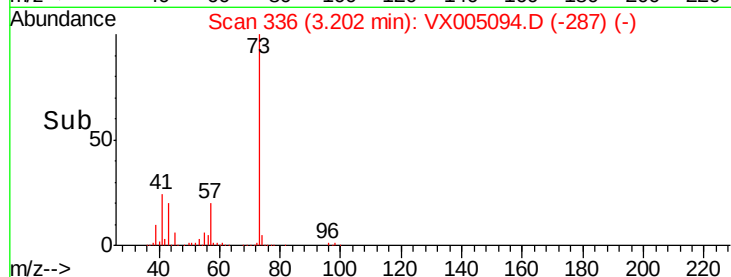
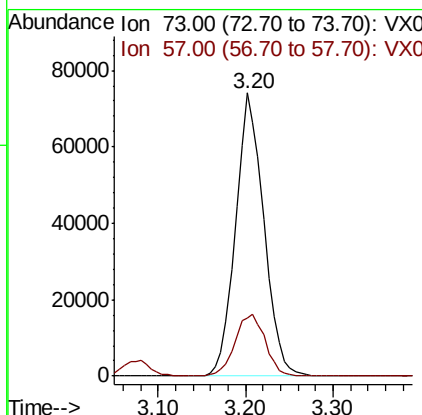
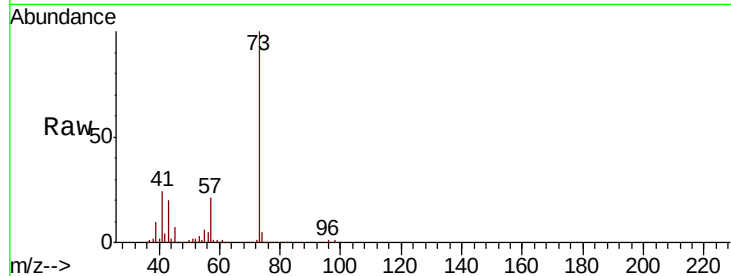




#19
Methvl tert-butyl Ether
Concen: 22.127 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

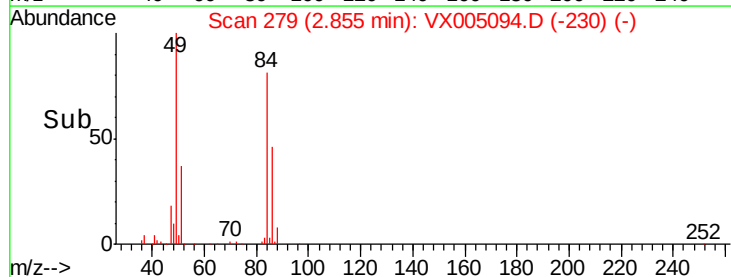
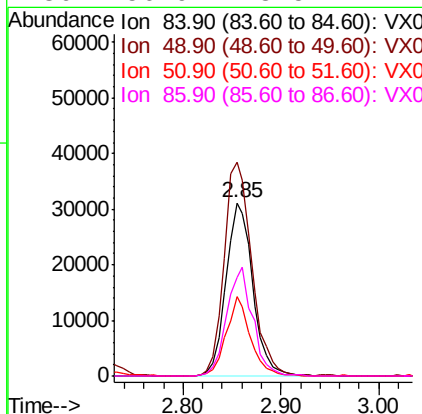
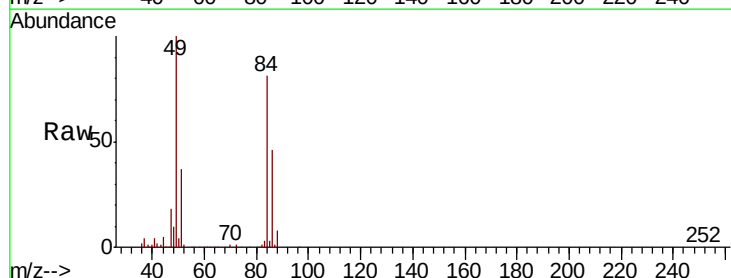
Instrument :
MSVOA_X
ClientSampleId :
VX1005WBS02

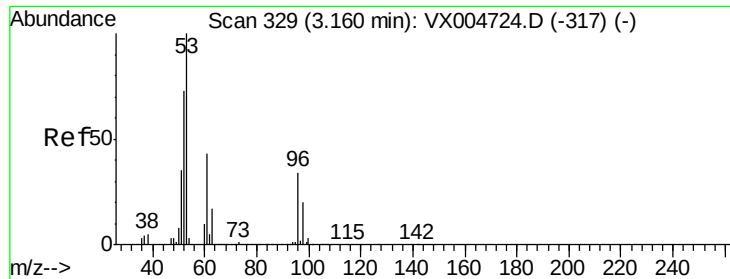
Tot Ion: 73 Resp: 166554
Ion Ratio Lower Upper
73 100
57 20.5 19.9 29.9



#20
Methylene Chloride
Concen: 23.660 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

Tgt Ion: 84 Resp: 58861
Ion Ratio Lower Upper
84 100
49 123.0 92.3 138.5
51 45.6 31.8 47.6
86 56.9 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 19.852 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

Instrument :

MSVOA_X

ClientSampleId :

VX1005WBS02

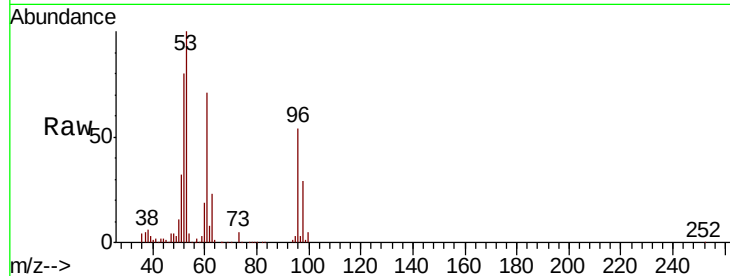
Tot Ion: 96 Resp: 47424

Ion Ratio Lower Upper

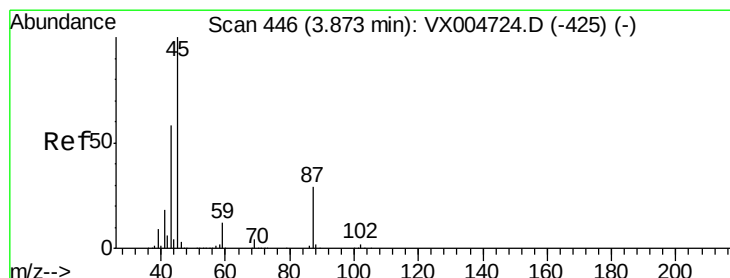
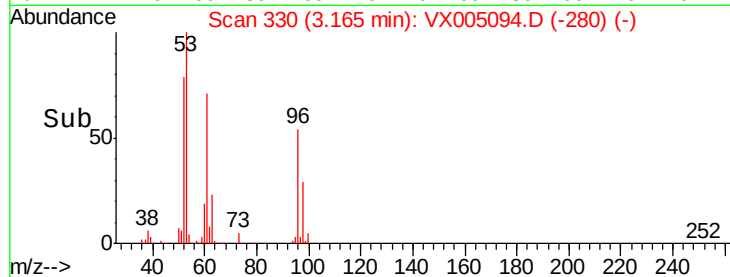
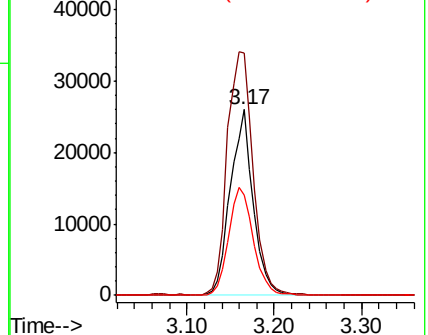
96 100

61 129.9 101.0 151.6

98 54.2 47.2 70.8



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: 22.961 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

Tgt Ion: 45 Resp: 184102

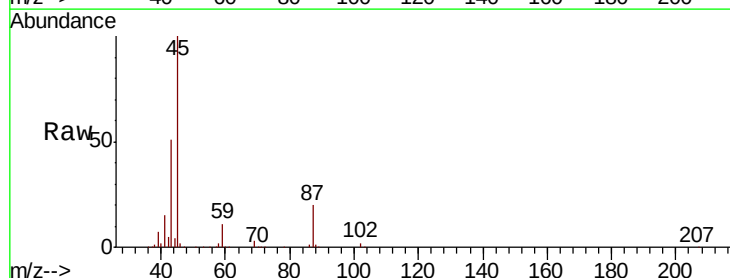
Ion Ratio Lower Upper

45 100

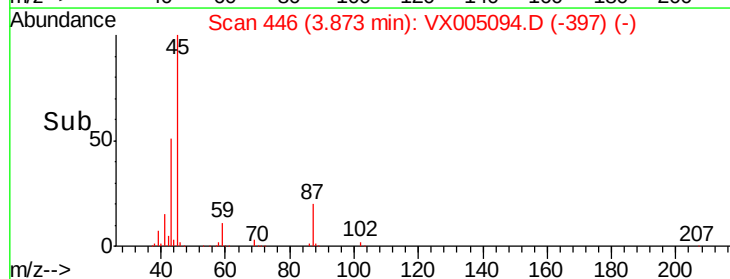
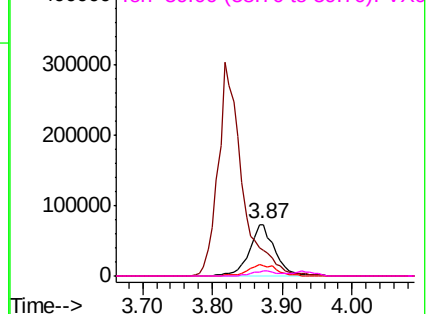
43 50.2 46.7 70.1

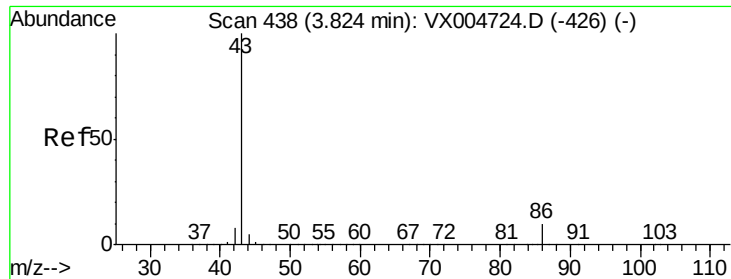
87 20.0 22.9 34.3#

59 10.9 9.3 13.9



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 99.212 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

Instrument :

MSVOA_X

ClientSampleId :

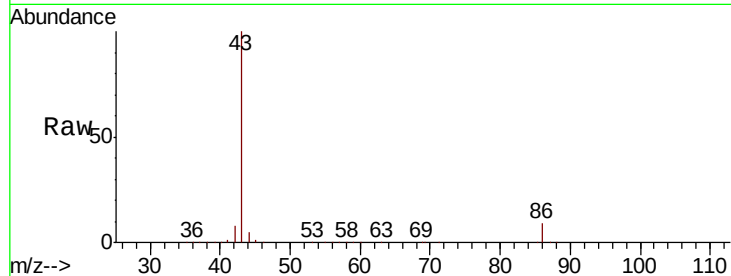
VX1005WBS02

Tot Ion: 43 Resp: 728143

Ion Ratio Lower Upper

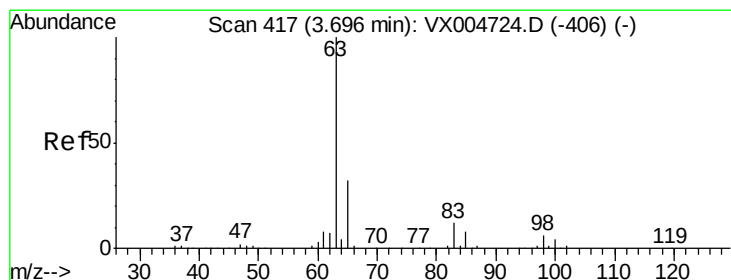
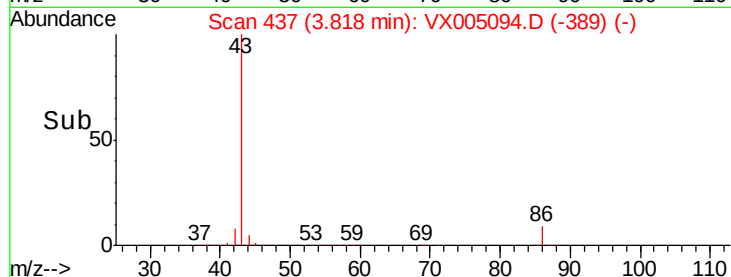
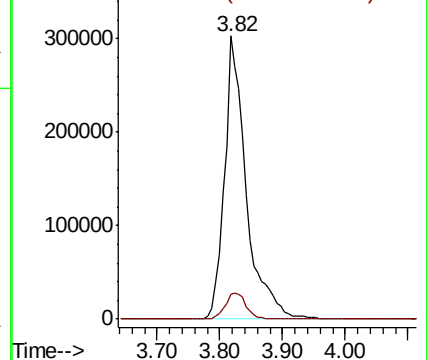
43 100

86 8.8 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 21.454 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

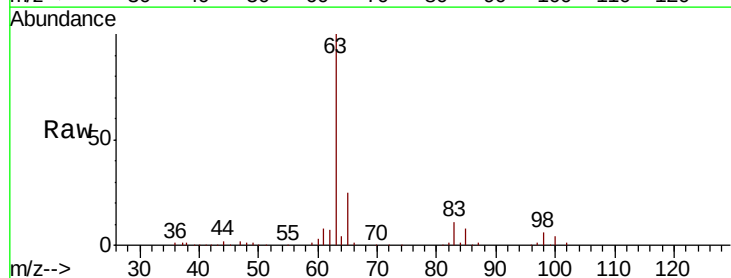
Tgt Ion: 63 Resp: 102611

Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.2

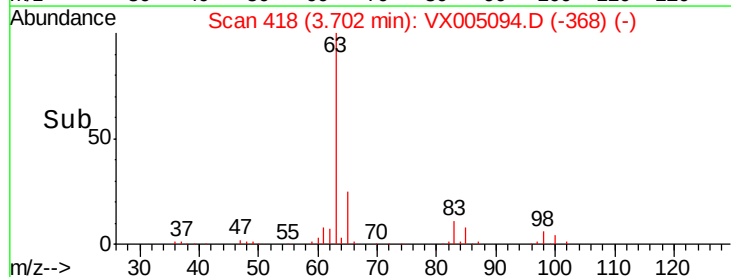
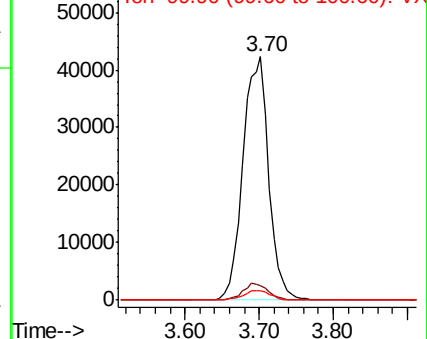
100 3.9 2.0 5.8

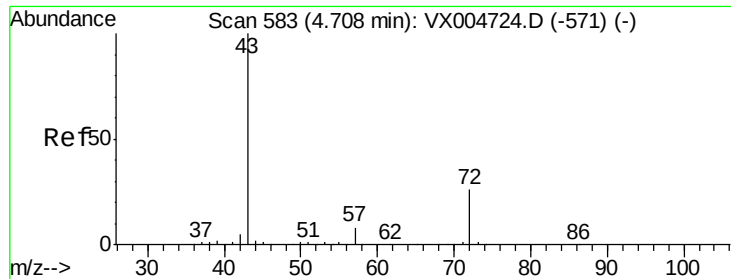


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 105.356 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

Instrument :

MSVOA_X

ClientSampleId :

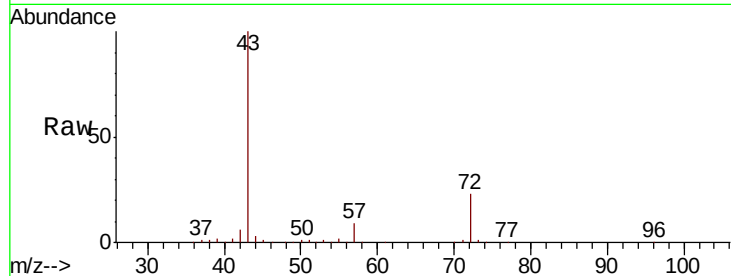
VX1005WBS02

Tot Ion: 43 Resp: 260848

Ion Ratio Lower Upper

43 100

72 22.6 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.70

100000

80000

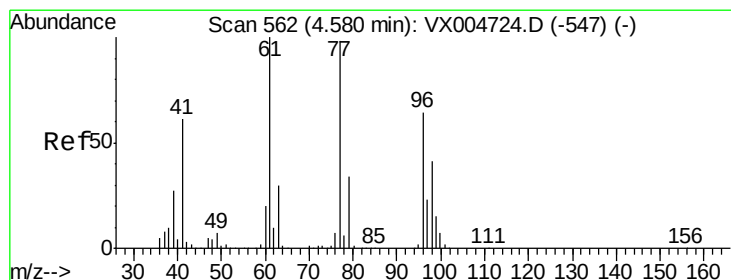
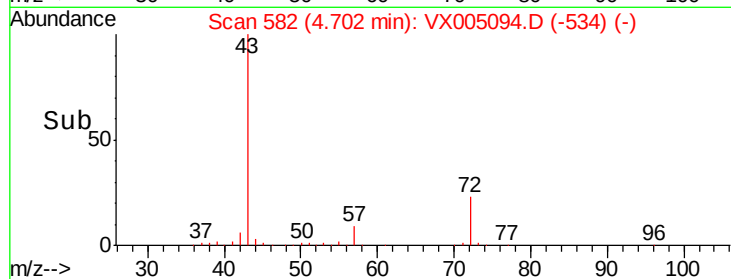
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 14.343 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX005094.D

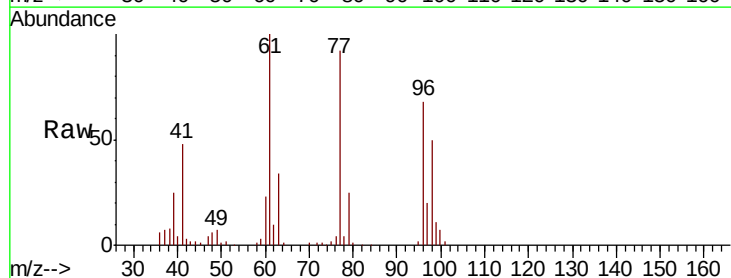
Acq: 06 Oct 2018 04:39

Tgt Ion: 77 Resp: 47770

Ion Ratio Lower Upper

77 100

97 25.7 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

20000

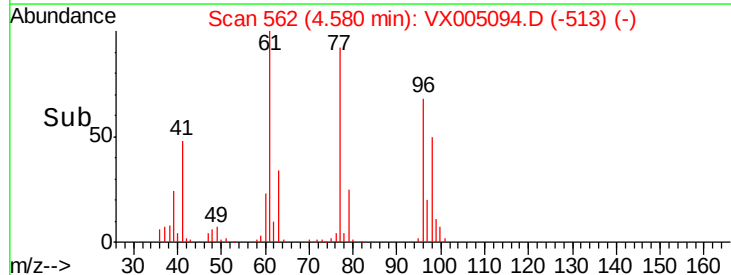
15000

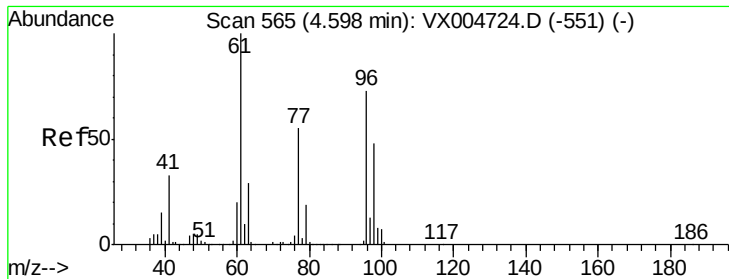
10000

5000

0

Time-->



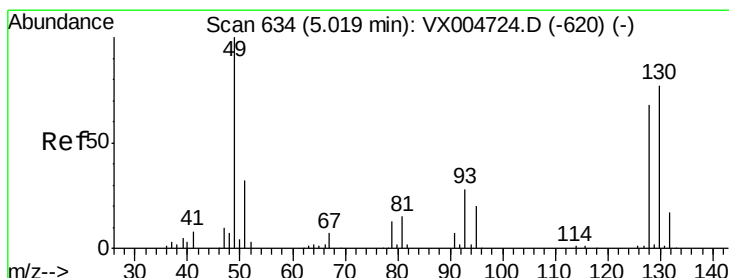
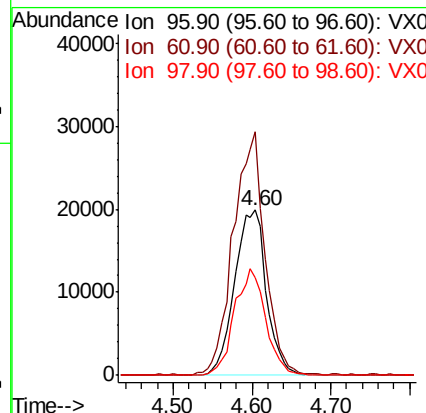
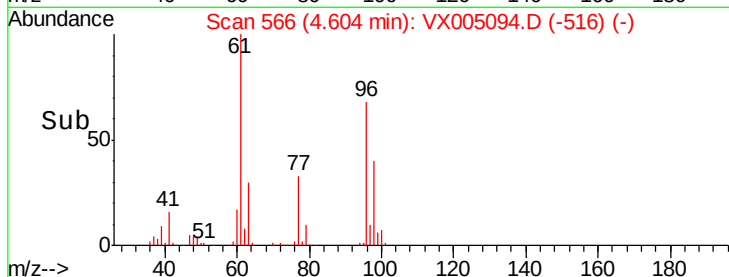
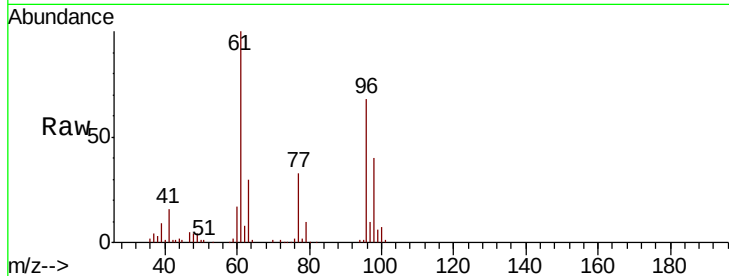


#27

cis-1,2-Dichloroethene
Concen: 20.871 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

Instrument :
MSVOA_X
ClientSampleId :
VX1005WBS02

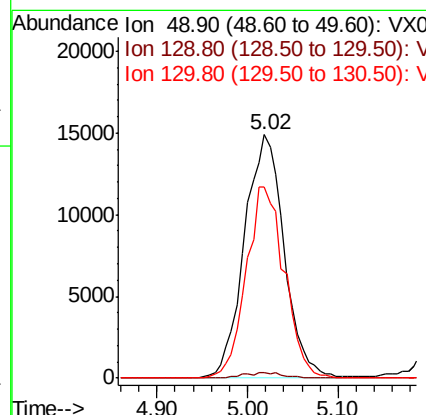
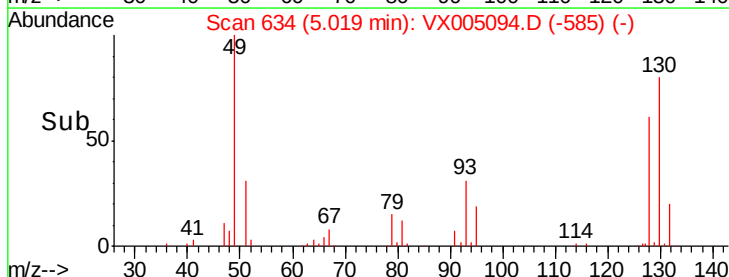
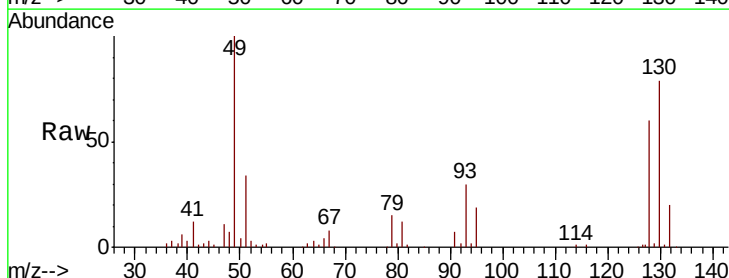
Tot Ion: 96 Resp: 55698
Ion Ratio Lower Upper
96 100
61 144.4 0.0 285.8
98 63.2 0.0 136.2

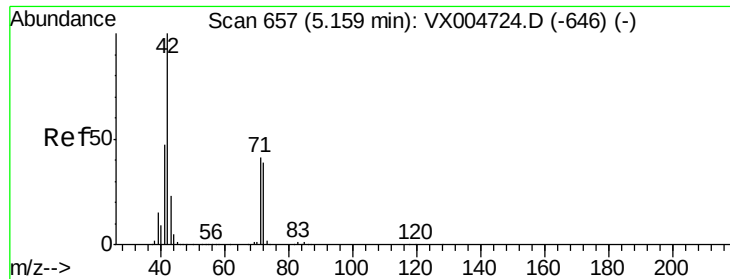


#28

Bromochloromethane
Concen: 20.047 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

Tgt Ion: 49 Resp: 45151
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.2
130 75.6 62.0 93.0

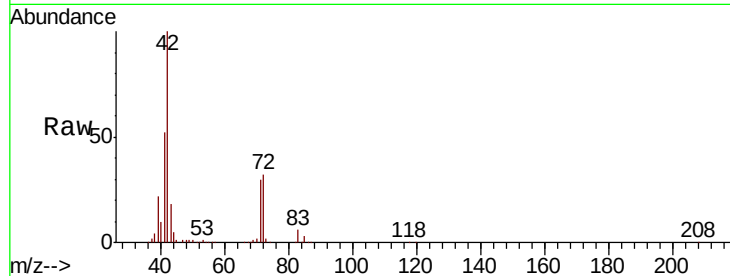




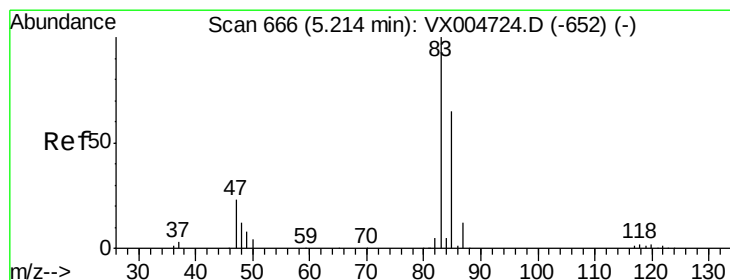
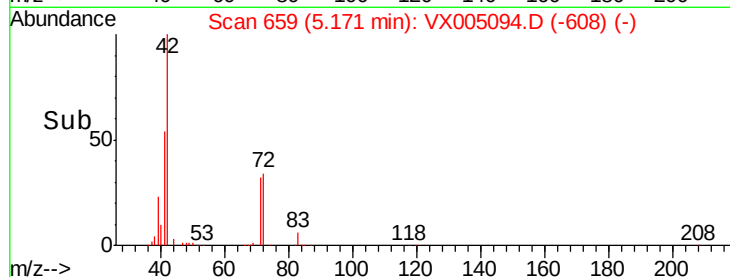
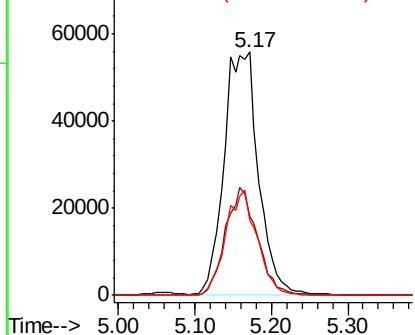
#29
Tetrahydrofuran
Concen: 112.239 ug/l
RT: 5.17 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

Instrument :
MSVOA_X
ClientSampleId :
VX1005WBS02

Tot Ion: 42 Resp: 172718
Ion Ratio Lower Upper
42 100
72 41.6 33.7 50.5
71 39.8 32.2 48.4

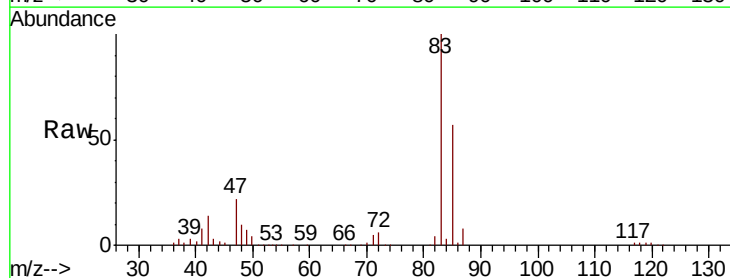


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

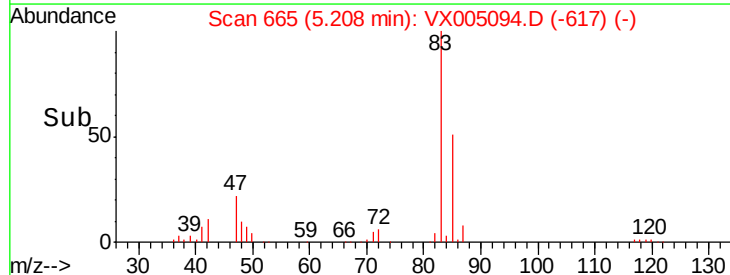
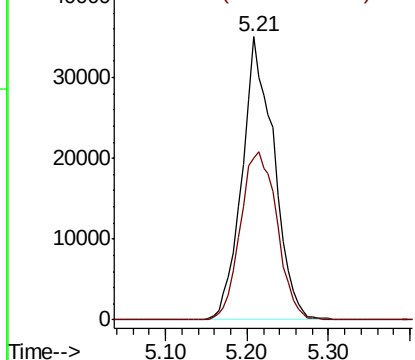


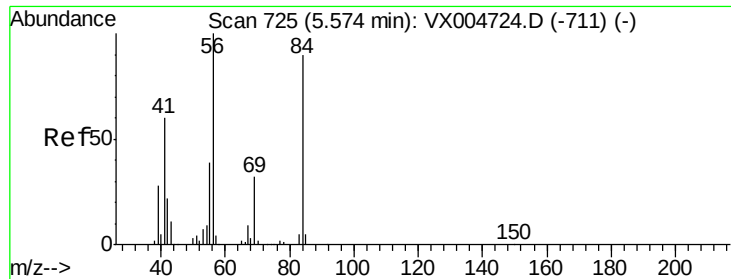
#30
Chloroform
Concen: 21.106 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

Tgt Ion: 83 Resp: 95402
Ion Ratio Lower Upper
83 100
85 57.2 52.4 78.6



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

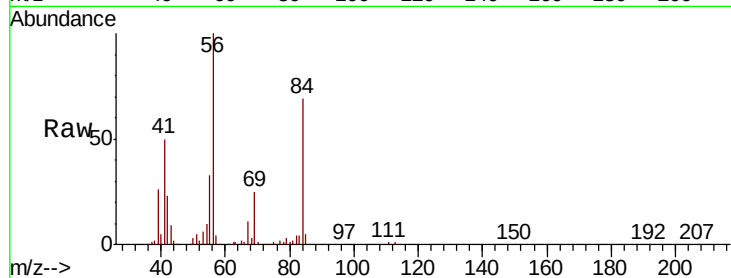




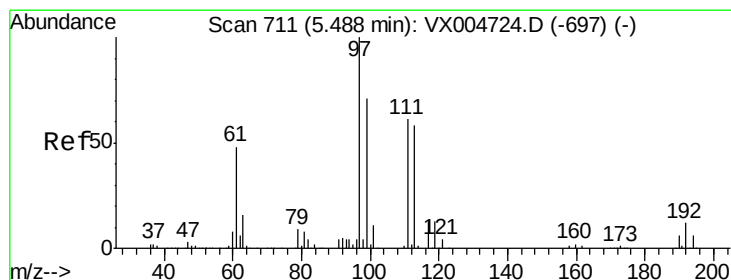
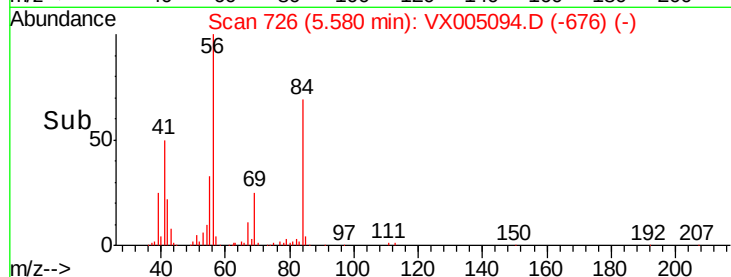
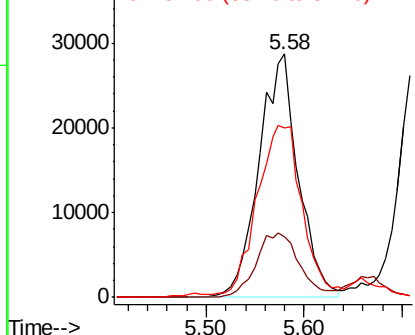
#31
Cyclohexane
Concen: 21.867 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

Instrument :
MSVOA_X
ClientSampleId :
VX1005WBS02

Tot Ion: 56 Resp: 80045
Ion Ratio Lower Upper
56 100
69 25.1 25.9 38.9#
84 68.2 71.9 107.9#

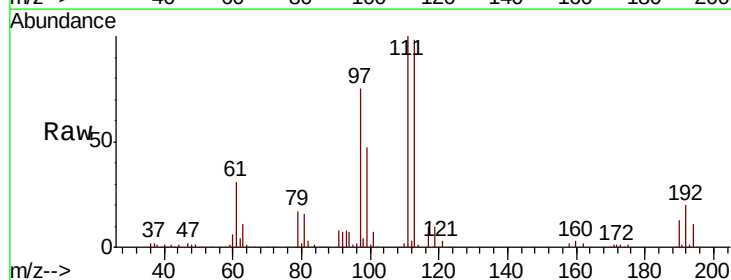


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

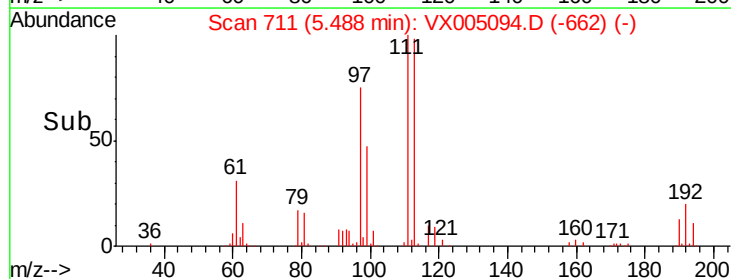
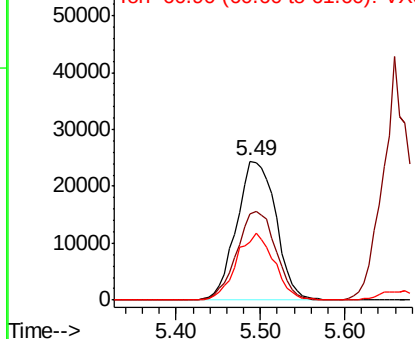


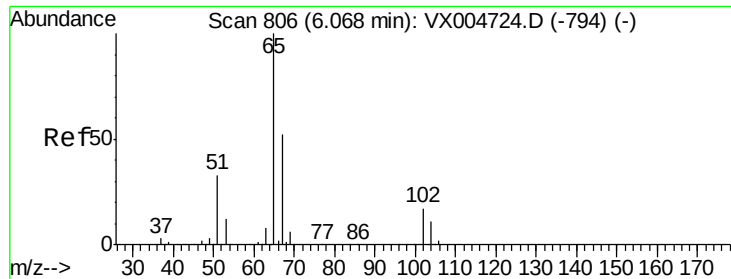
#32
1,1,1-Trichloroethane
Concen: 20.969 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.00 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

Tgt Ion: 97 Resp: 77407
Ion Ratio Lower Upper
97 100
99 63.6 54.6 82.0
61 46.1 37.5 56.3



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

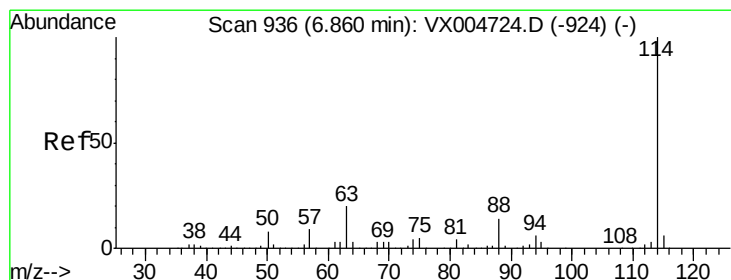
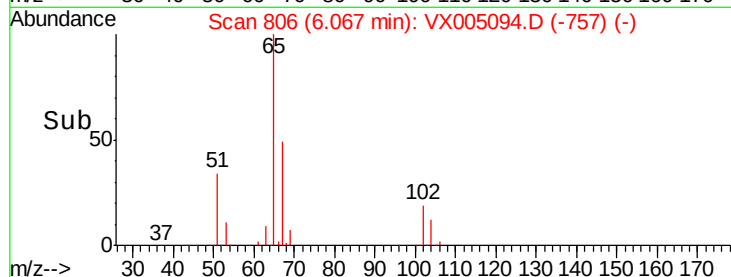
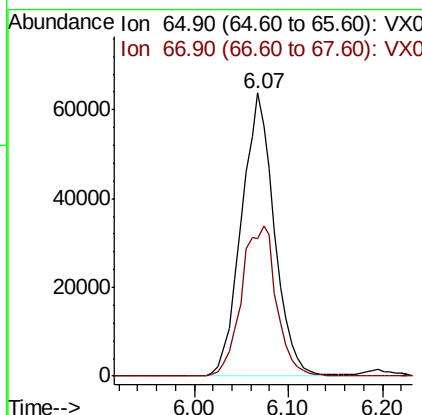
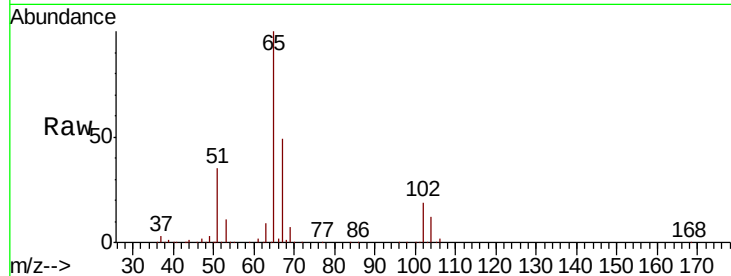




#33
 1,2-Dichloroethane-d4
 Concen: 54.072 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005094.D
 Acq: 06 Oct 2018 04:39

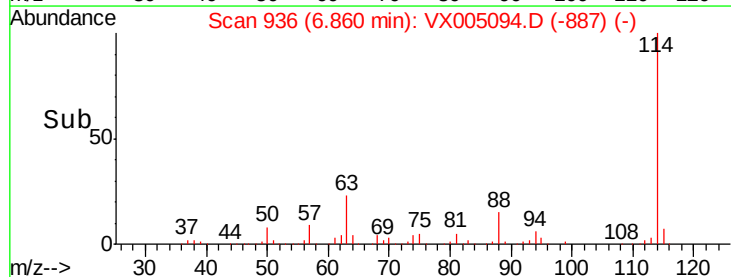
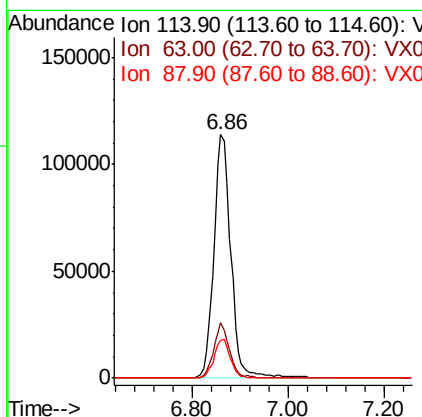
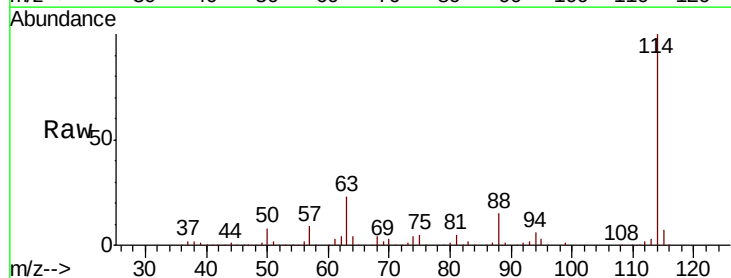
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005WBS02

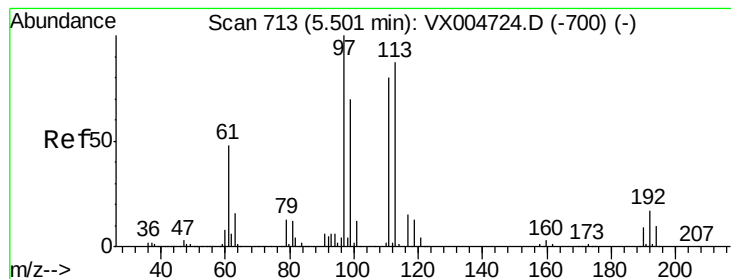
Tot Ion: 65 Resp: 155566
 Ion Ratio Lower Upper
 65 100
 67 56.5 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005094.D
 Acq: 06 Oct 2018 04:39

Tgt Ion: 114 Resp: 281771
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 39.8
 88 15.5 0.0 27.0





#35

Dibromofluoromethane

Concen: 52.090 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

Instrument :

MSVOA_X

ClientSampleId :

VX1005WBS02

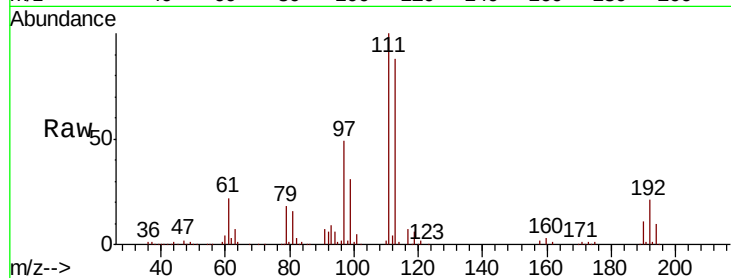
Tot Ion:113 Resp: 124393

Ion Ratio Lower Upper

113 100

111 104.7 77.0 115.4

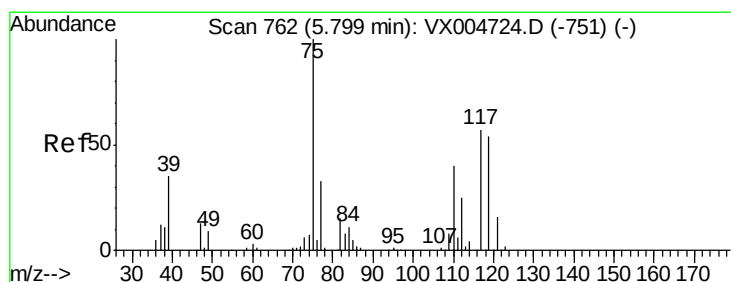
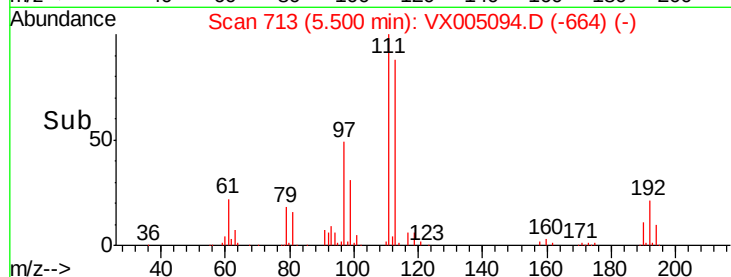
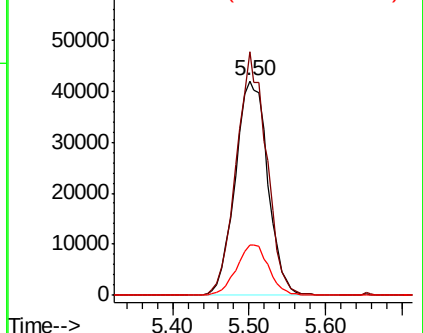
192 23.3 17.0 25.6



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: 19.901 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

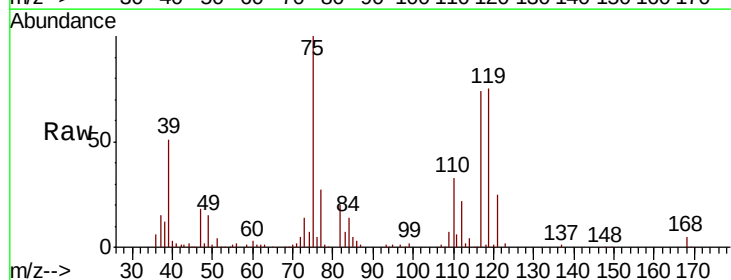
Tgt Ion: 75 Resp: 64841

Ion Ratio Lower Upper

75 100

110 35.8 20.0 59.9

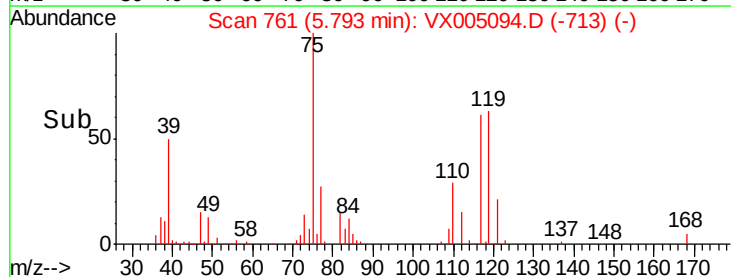
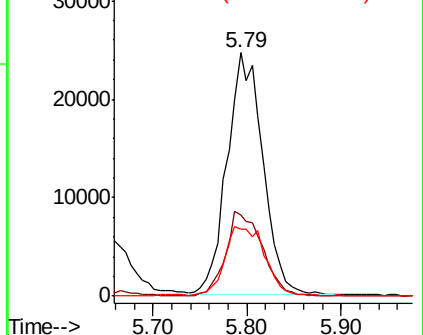
77 31.8 27.1 40.7

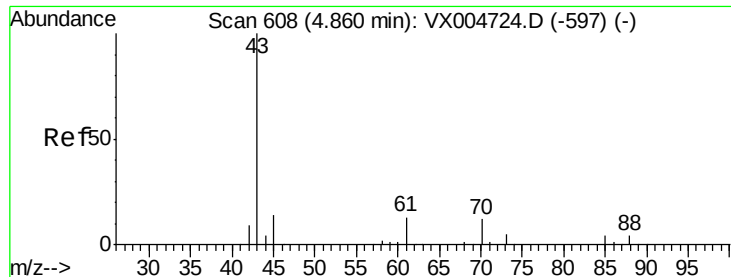


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 21.765 ug/l

RT: 4.86 min Scan# 608

Delta R.T. -0.00 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

Instrument :

MSVOA_X

ClientSampled :

VX1005WBS02

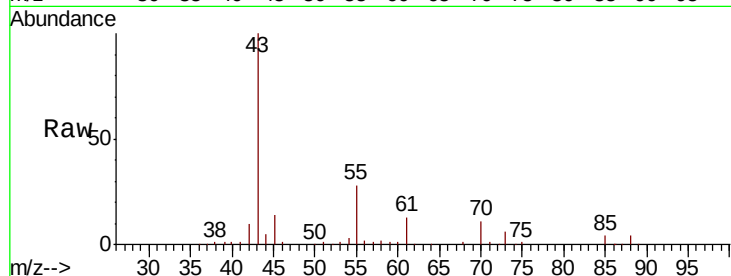
Tot Ion: 43 Resp: 94130

Ion Ratio Lower Upper

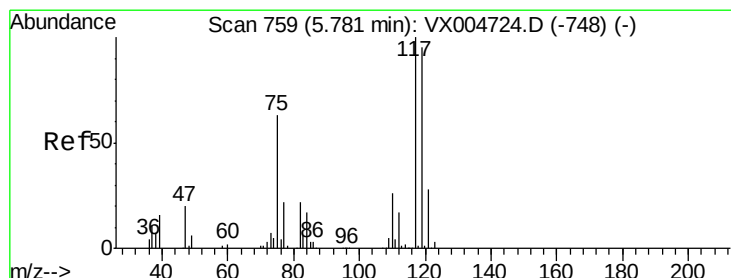
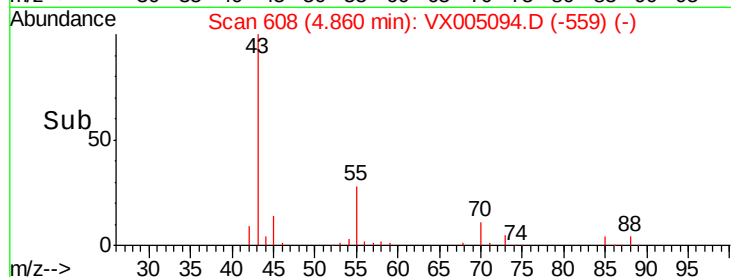
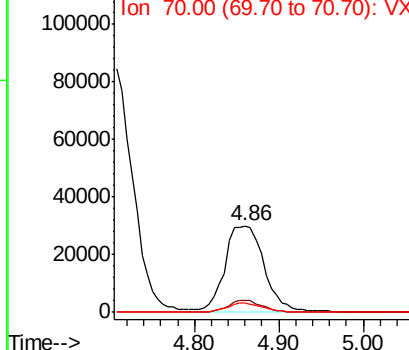
43 100

61 12.1 10.4 15.6

70 10.2 8.7 13.1



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



#38

Carbon Tetrachloride

Concen: 19.656 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

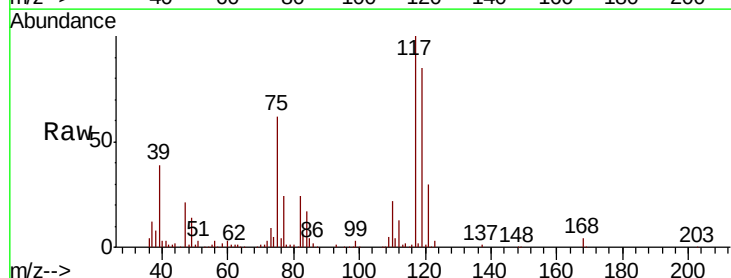
Tgt Ion: 117 Resp: 67320

Ion Ratio Lower Upper

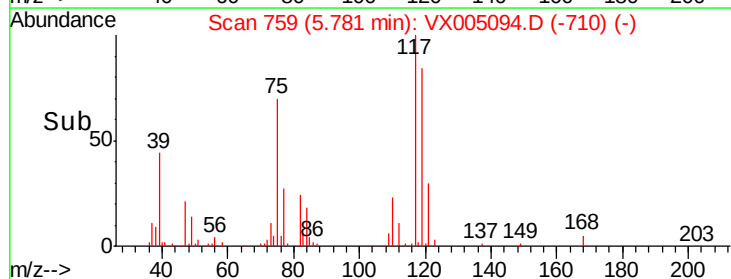
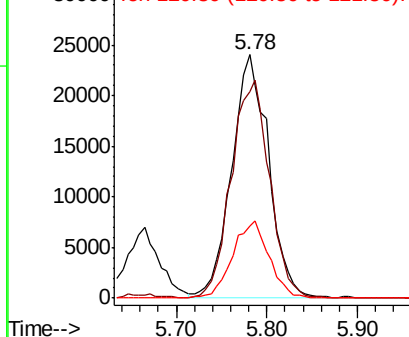
117 100

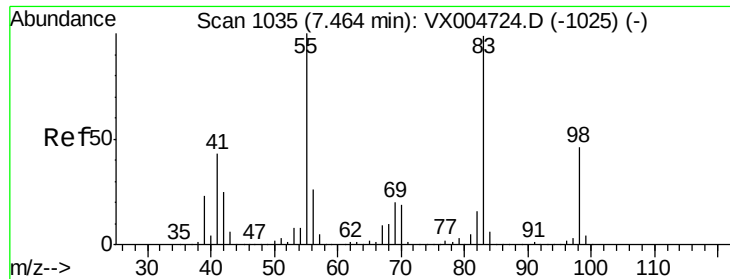
119 85.0 75.2 112.8

121 29.7 22.5 33.7



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

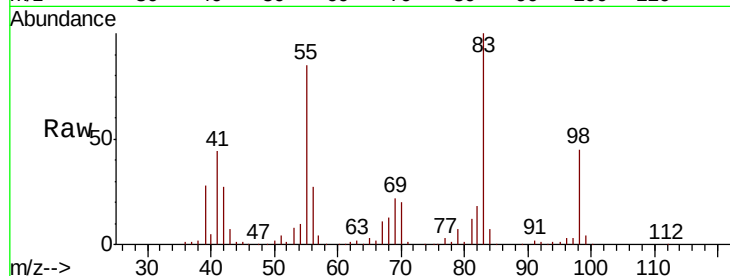




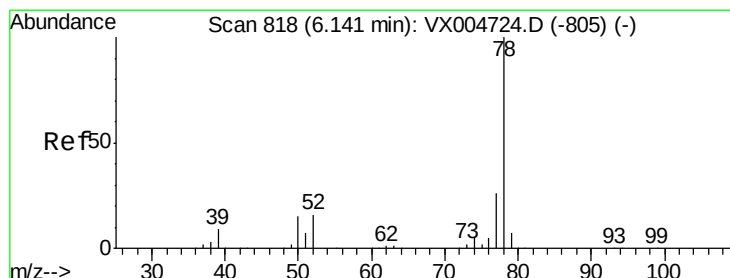
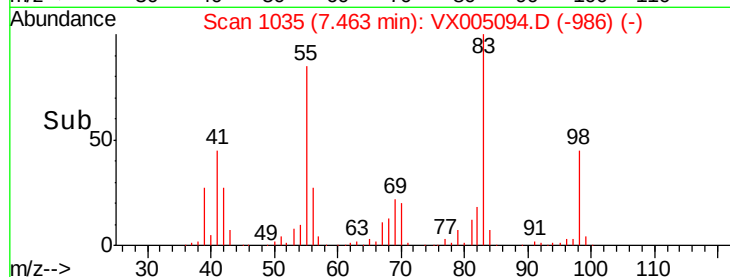
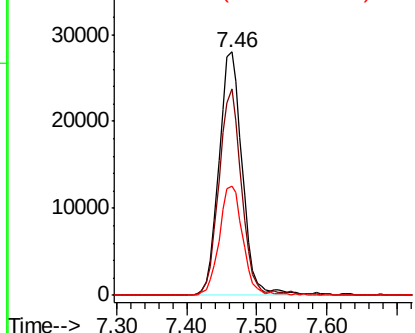
#39
Methylvlcyclohexane
Concen: 19.624 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

Instrument :
MSVOA_X
ClientSampleId :
VX1005WBS02

Tot Ion: 83 Resp: 65288
Ion Ratio Lower Upper
83 100
55 84.8 81.1 121.7
98 45.0 37.3 55.9

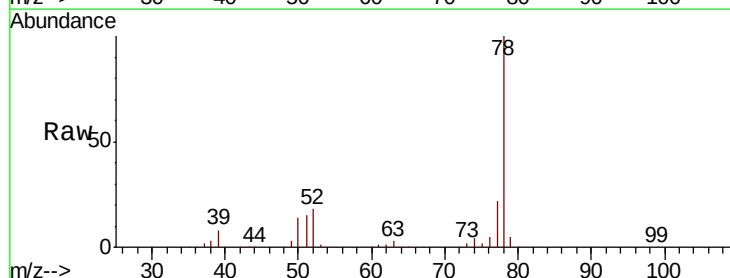


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

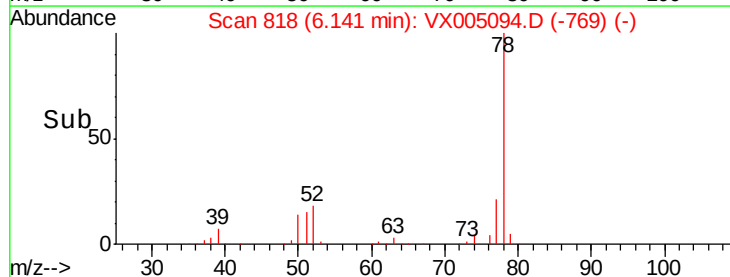
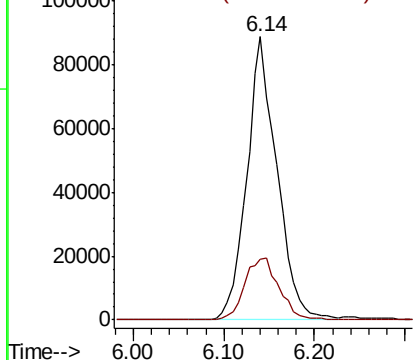


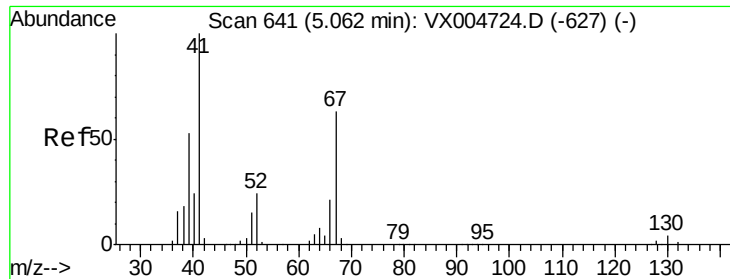
#40
Benzene
Concen: 19.974 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

Tgt Ion: 78 Resp: 203739
Ion Ratio Lower Upper
78 100
77 21.6 21.0 31.4



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





#41

Methacrylonitrile

Concen: 20.611 ug/l

RT: 5.06 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

Instrument :

MSVOA_X

ClientSampled :

VX1005WBS02

Tot Ion: 41 Resp: 49435

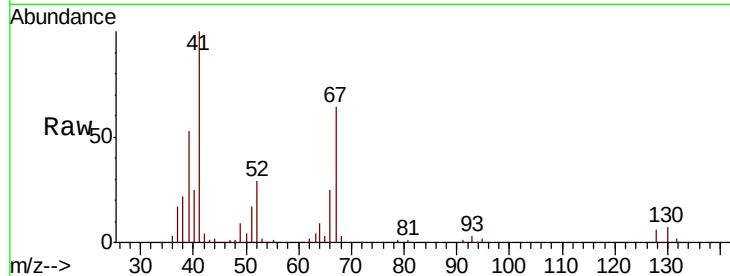
Ion Ratio Lower Upper

41 100

39 54.8 42.5 63.7

67 71.2 53.0 79.6

52 30.1 19.8 29.8#

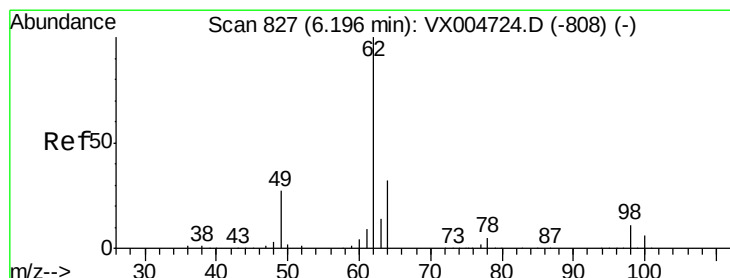
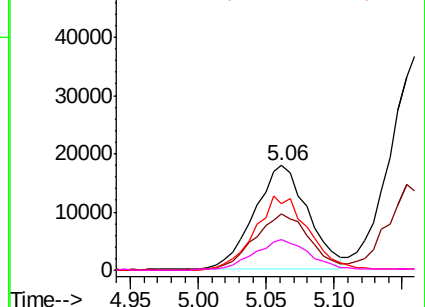
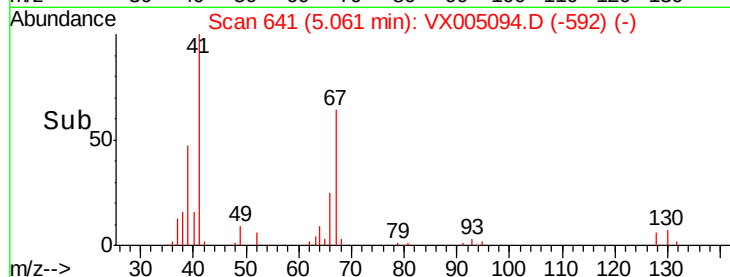


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 20.917 ug/l

RT: 6.20 min Scan# 828

Delta R.T. 0.01 min

Lab File: VX005094.D

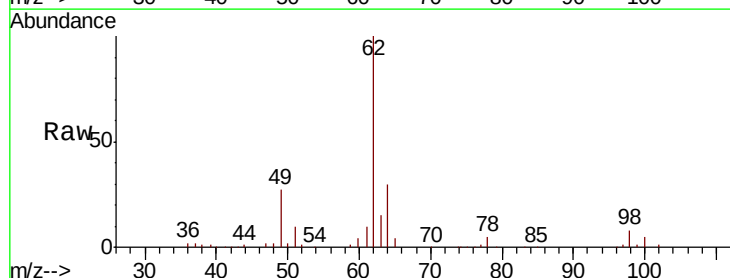
Acq: 06 Oct 2018 04:39

Tgt Ion: 62 Resp: 75426

Ion Ratio Lower Upper

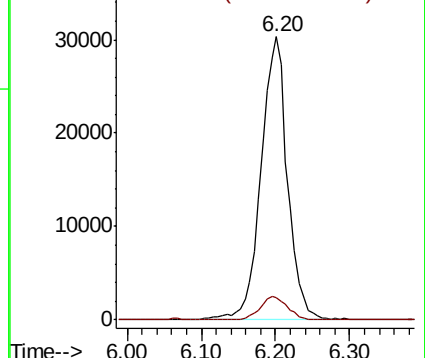
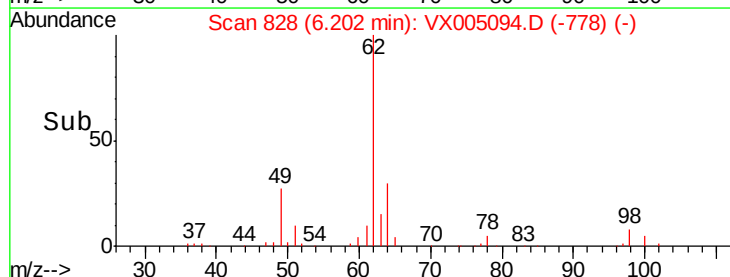
62 100

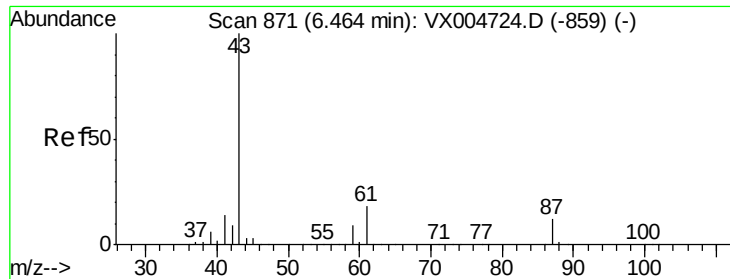
98 8.5 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.503 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

Instrument :

MSVOA_X

ClientSampleId :

VX1005WBS02

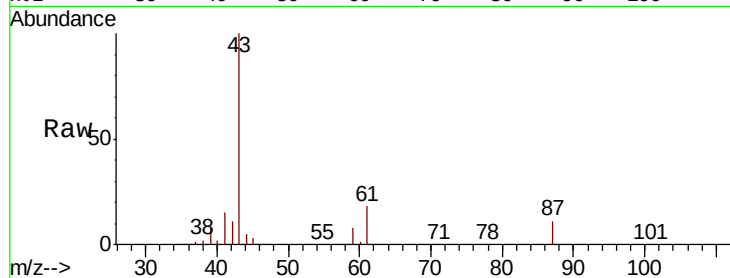
Tot Ion: 43 Resp: 127987

Ion Ratio Lower Upper

43 100

61 19.2 14.2 21.4

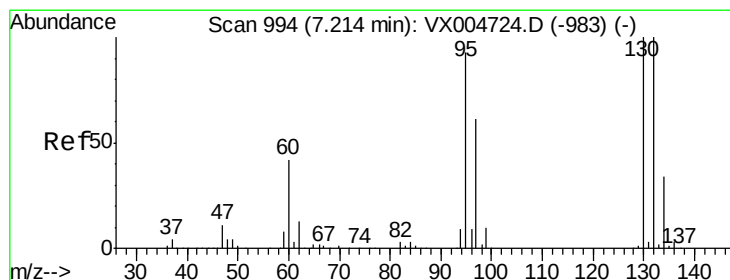
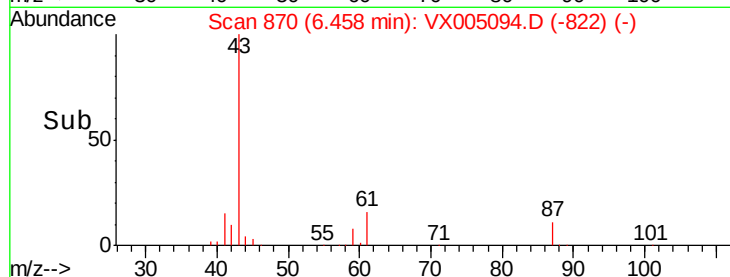
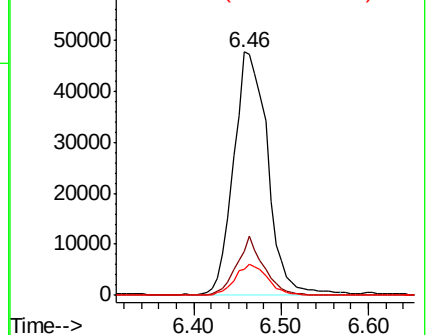
87 12.6 9.3 13.9



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: 20.214 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX005094.D

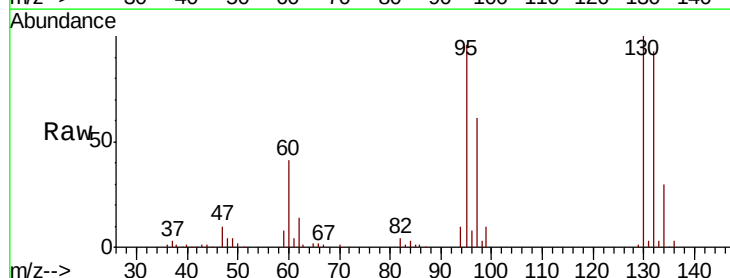
Acq: 06 Oct 2018 04:39

Tgt Ion:130 Resp: 50687

Ion Ratio Lower Upper

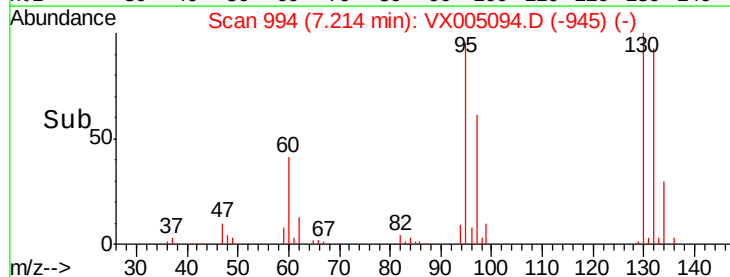
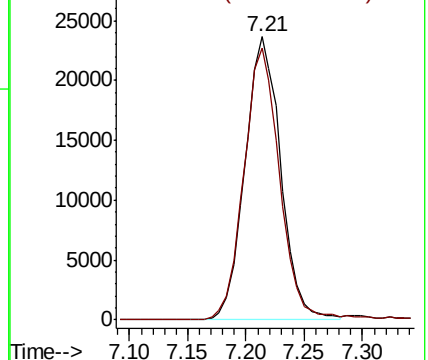
130 100

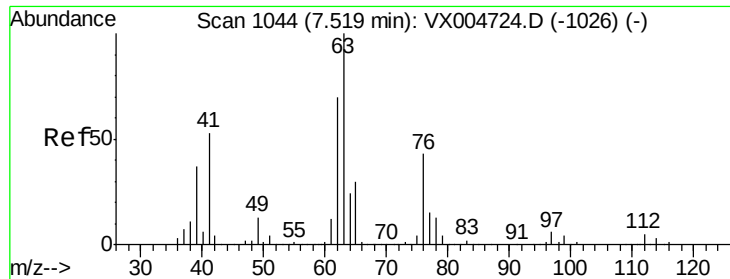
95 95.8 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

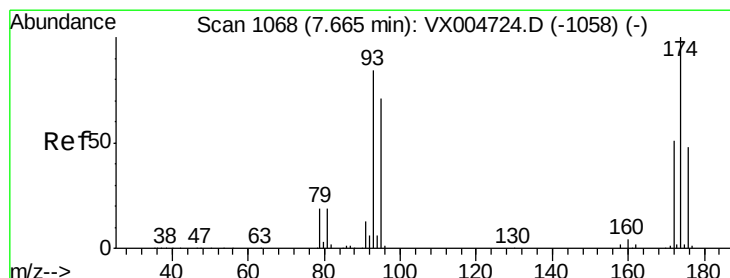
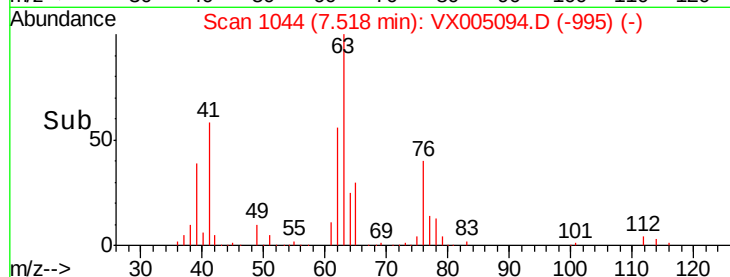
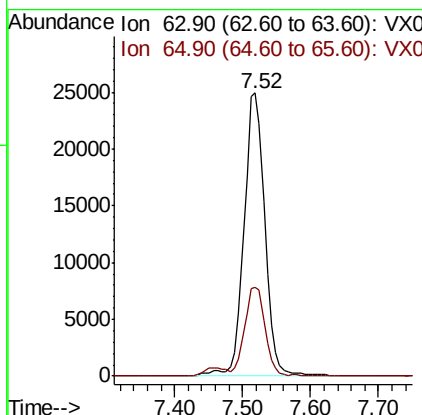
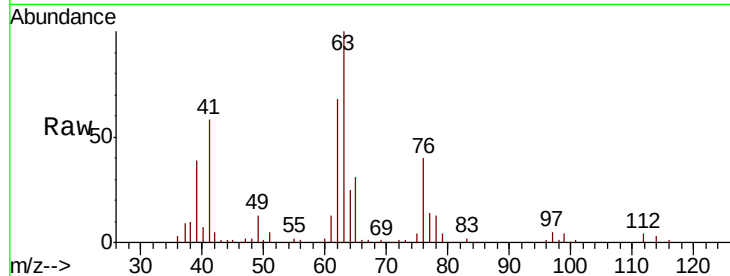




#45
 1,2-Dichloropropane
 Concen: 21.355 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005094.D
 Acq: 06 Oct 2018 04:39

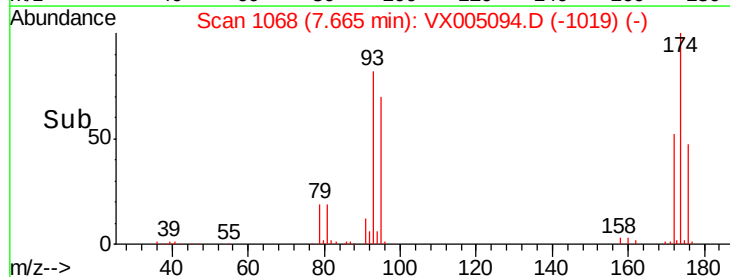
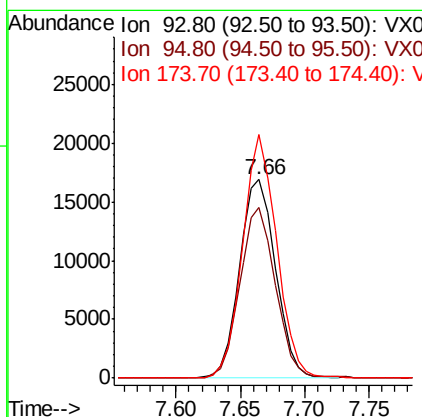
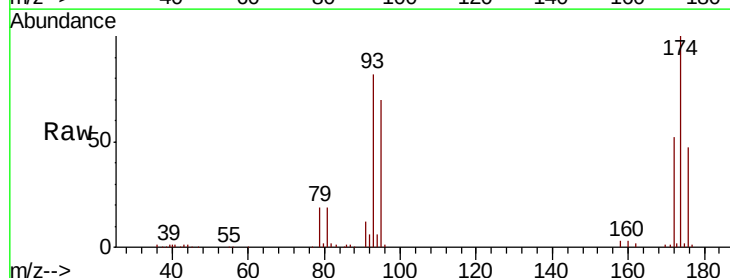
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005WBS02

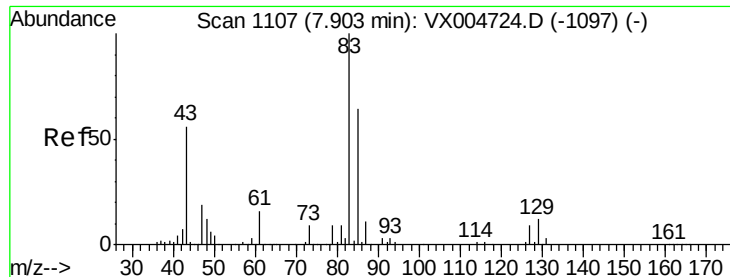
Tot Ion: 63 Resp: 53419
 Ion Ratio Lower Upper
 63 100
 65 31.4 23.9 35.9



#46
 Dibromomethane
 Concen: 20.826 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX005094.D
 Acq: 06 Oct 2018 04:39

Tgt Ion: 93 Resp: 32739
 Ion Ratio Lower Upper
 93 100
 95 85.2 66.7 100.1
 174 115.6 92.7 139.1





#47

Bromodichloromethane

Concen: 21.189 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

Instrument :

MSVOA_X

ClientSampleId :

VX1005WBS02

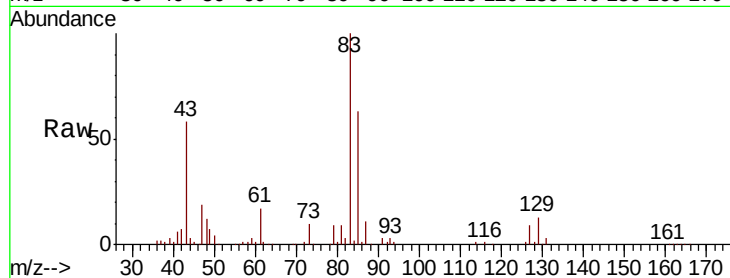
Tot Ion: 83 Resp: 62365

Ion Ratio Lower Upper

83 100

85 63.4 51.2 76.8

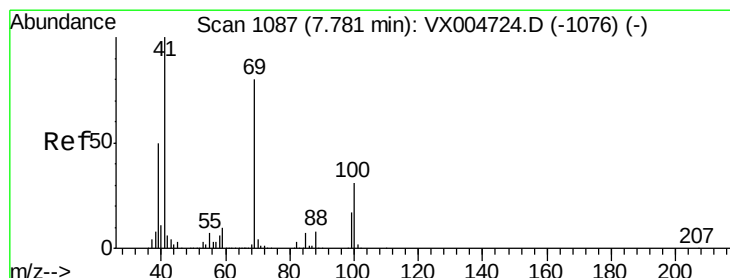
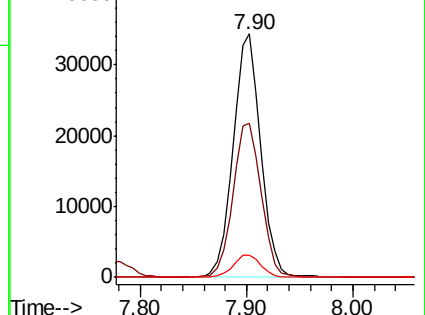
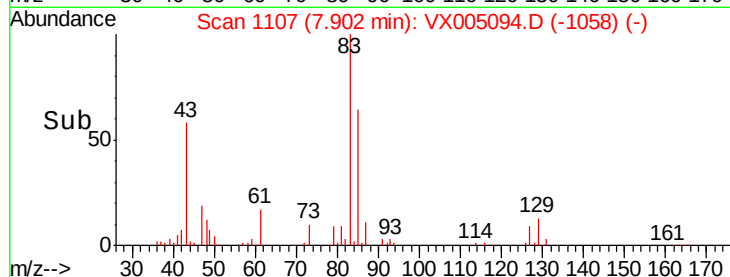
127 9.2 7.0 10.6



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: 22.321 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

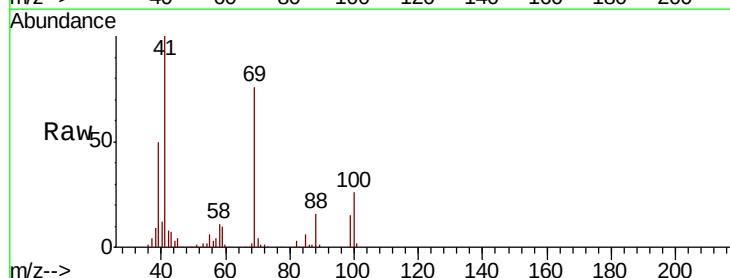
Tgt Ion: 41 Resp: 63243

Ion Ratio Lower Upper

41 100

69 79.8 63.8 95.6

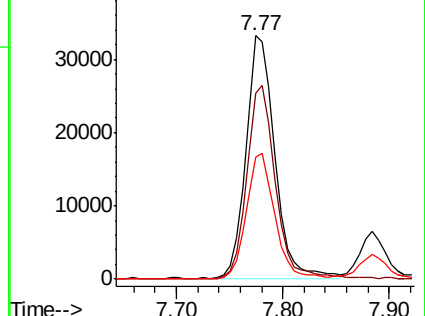
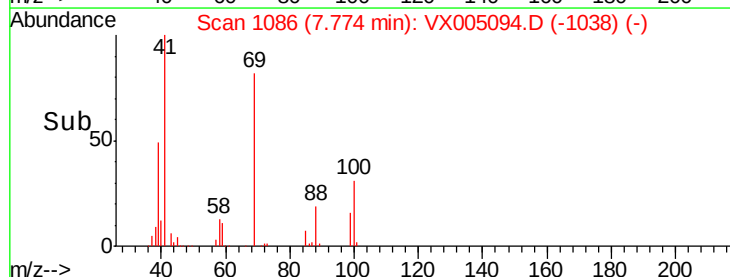
39 51.4 40.7 61.1

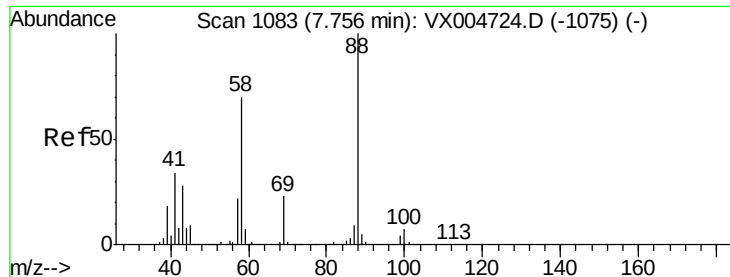


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

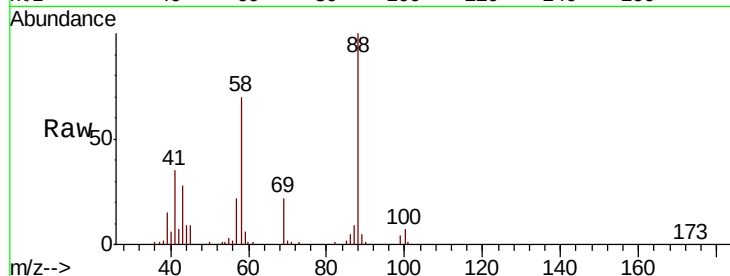




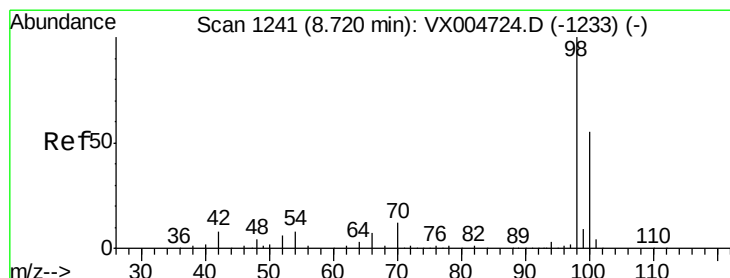
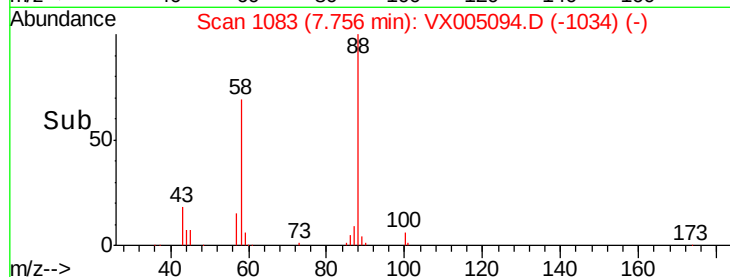
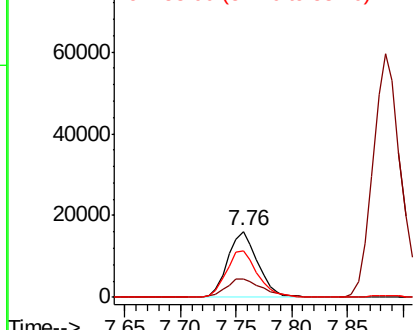
#49
1,4-Dioxane
Concen: 426.889 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

Instrument :
MSVOA_X
ClientSampleId :
VX1005WBS02

Tot Ion: 88 Resp: 30049
Ion Ratio Lower Upper
88 100
43 32.8 25.1 37.7
58 74.2 56.2 84.2

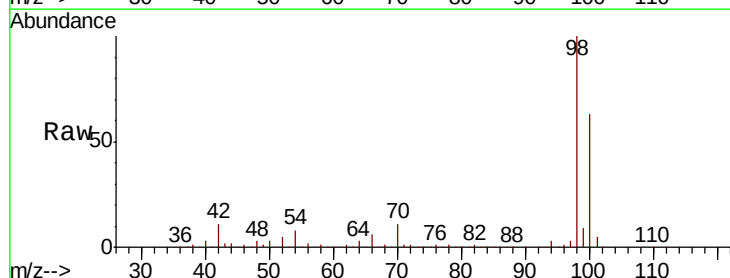


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

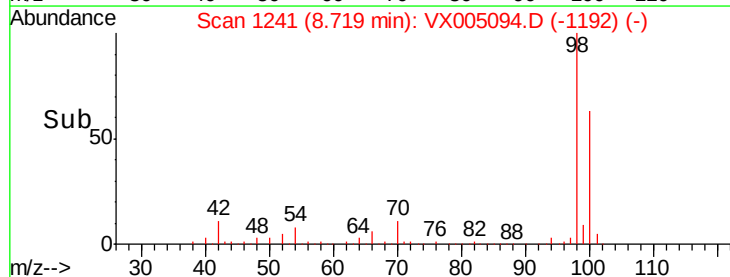
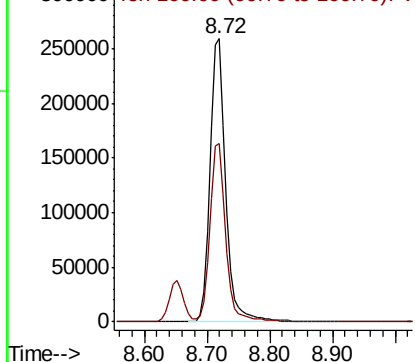


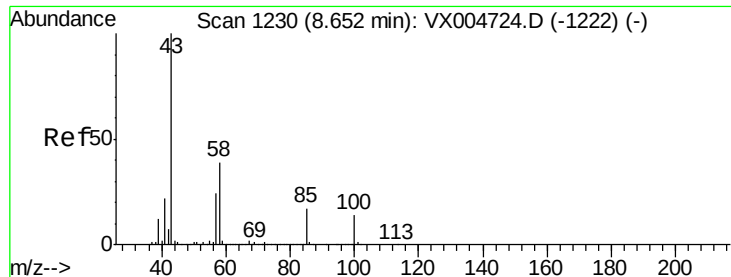
#50
Toluene-d8
Concen: 55.975 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

Tgt Ion: 98 Resp: 444391
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9



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

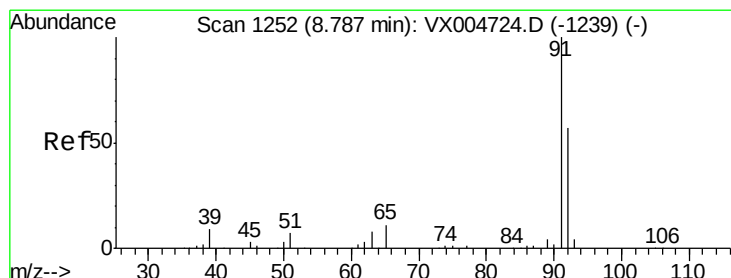
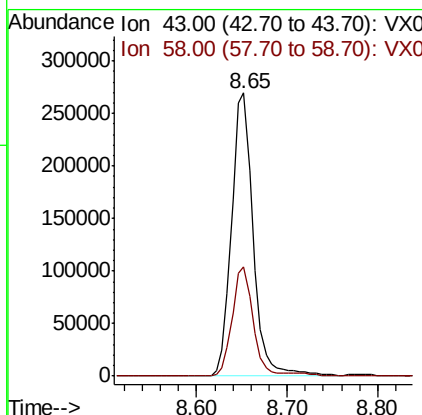
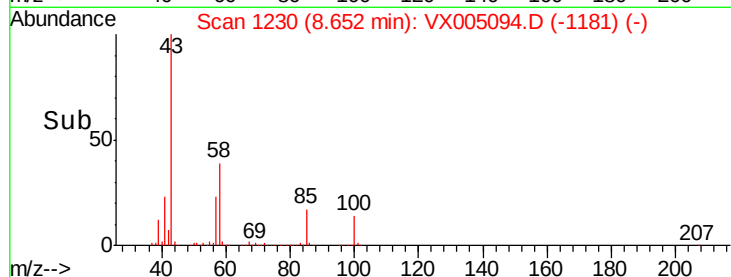
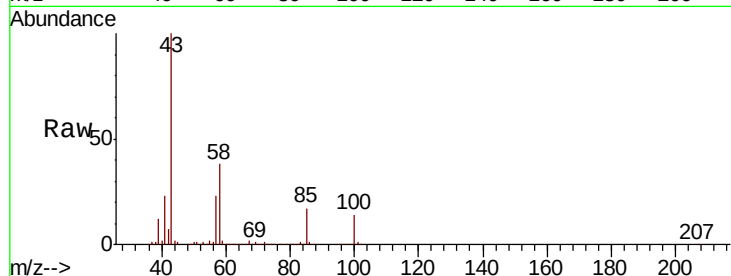




#51
 4-Methyl-2-Pentanone
 Concen: 113.832 ug/l
 RT: 8.65 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: VX005094.D
 Acq: 06 Oct 2018 04:39

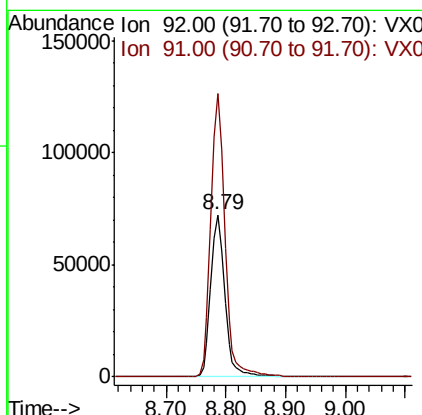
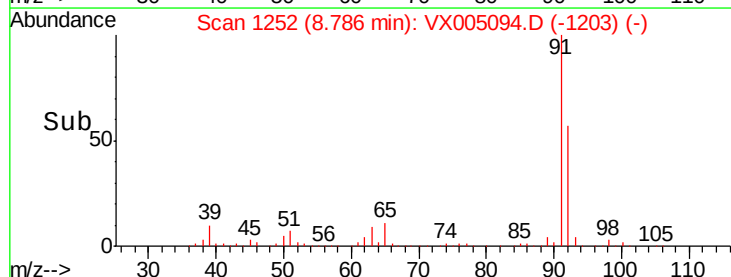
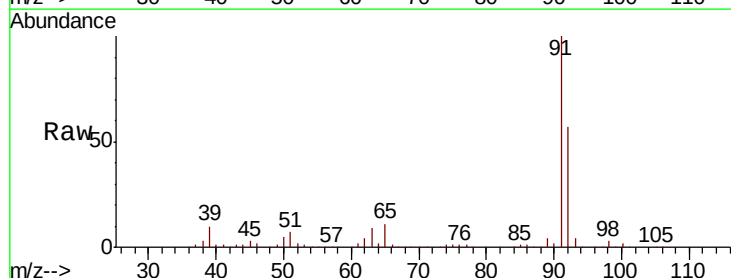
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005WBS02

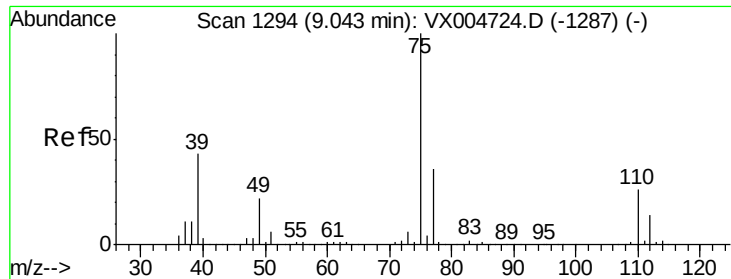
Tot Ion: 43 Resp: 447413
 Ion Ratio Lower Upper
 43 100
 58 37.0 30.5 45.7



#52
 Toluene
 Concen: 21.118 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX005094.D
 Acq: 06 Oct 2018 04:39

Tgt Ion: 92 Resp: 118363
 Ion Ratio Lower Upper
 92 100
 91 174.5 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 19.159 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

Instrument :

MSVOA_X

ClientSampleId :

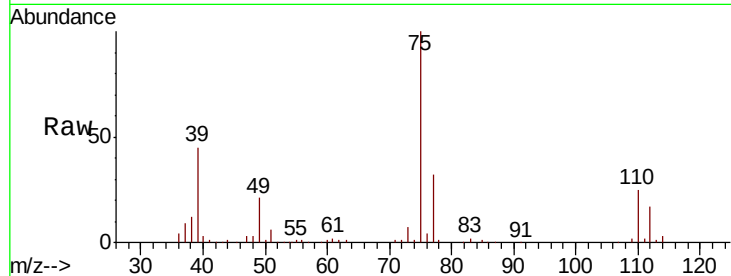
VX1005WBS02

Tot Ion: 75 Resp: 63723

Ion Ratio Lower Upper

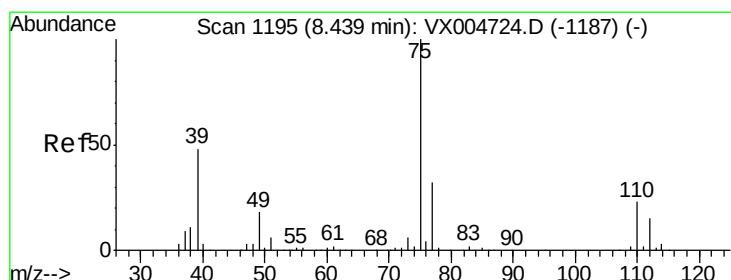
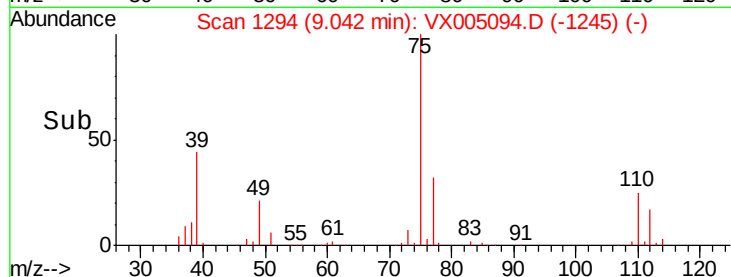
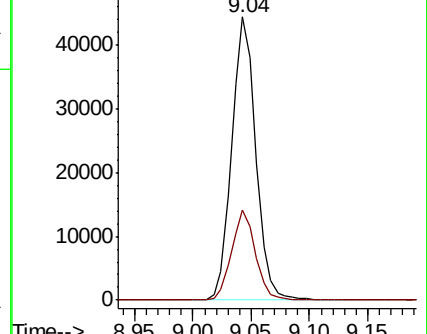
75 100

77 31.7 28.9 43.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 20.468 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

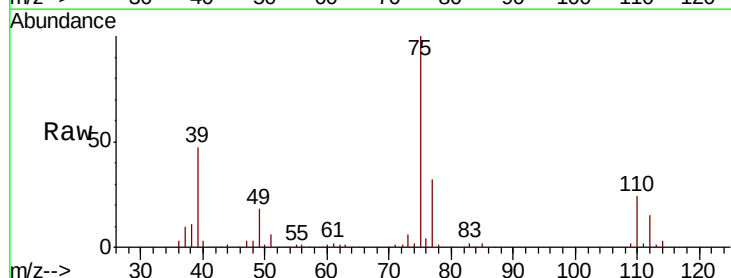
Tgt Ion: 75 Resp: 71308

Ion Ratio Lower Upper

75 100

77 31.8 25.7 38.5

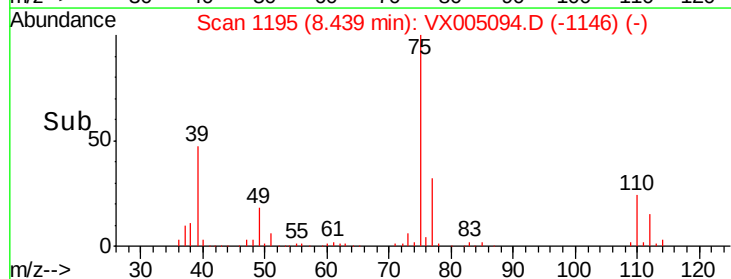
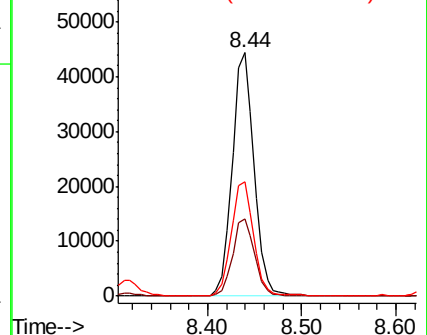
39 47.0 38.3 57.5

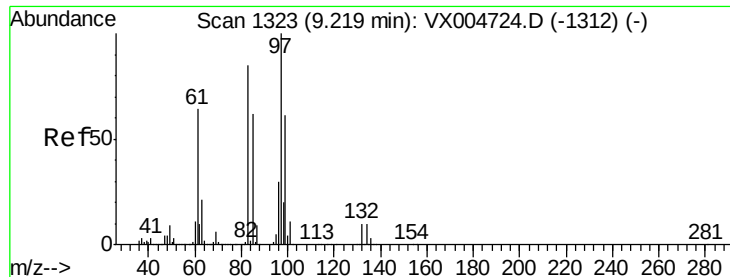


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 20.730 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

Instrument :

MSVOA_X

ClientSampleId :

VX1005WBS02

Tot Ion: 97 Resp: 50895

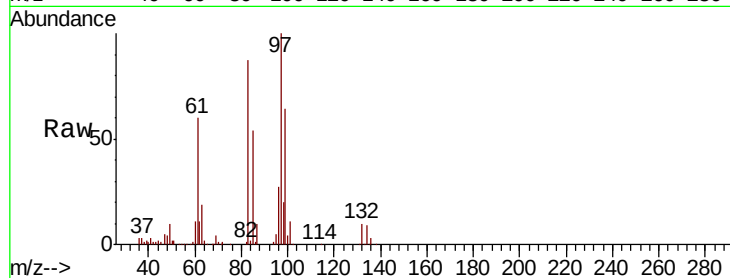
Ion Ratio Lower Upper

97 100

83 87.0 68.2 102.2

85 54.3 49.9 74.9

99 64.2 48.9 73.3

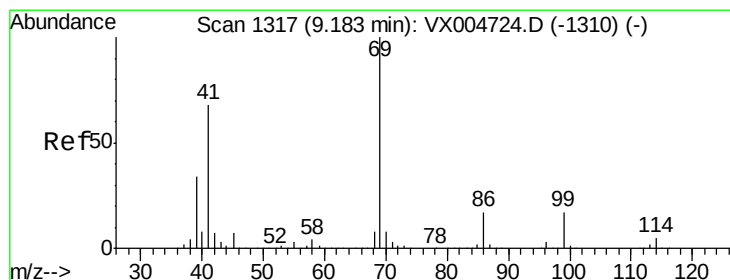
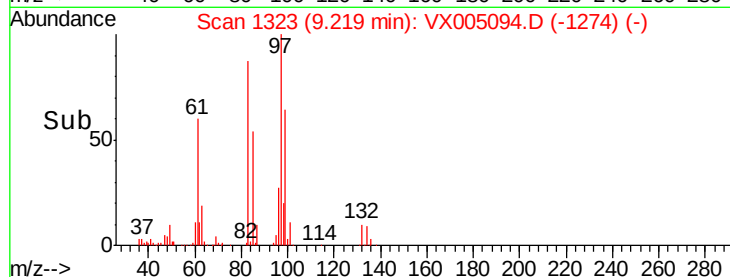
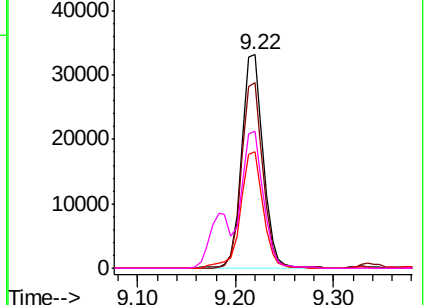


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 20.159 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

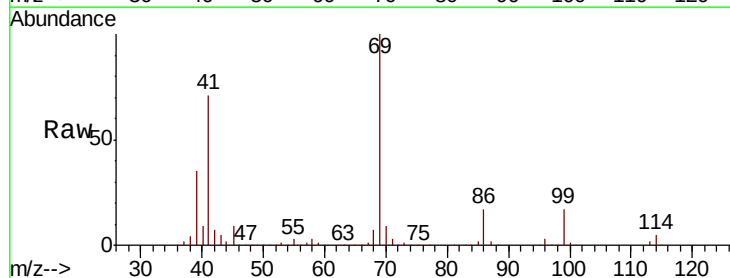
Tgt Ion: 69 Resp: 73097

Ion Ratio Lower Upper

69 100

41 69.4 56.9 85.3

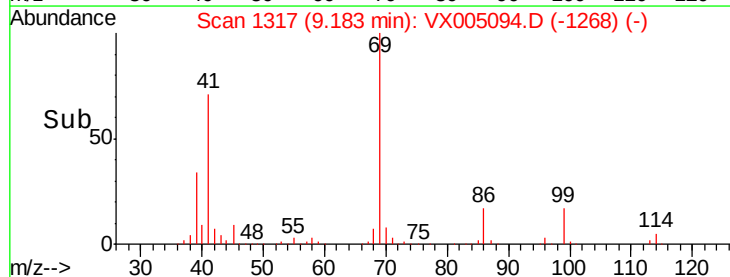
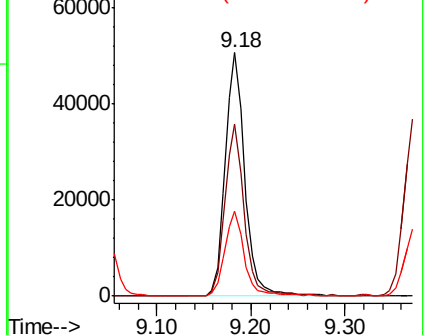
39 34.3 28.4 42.6

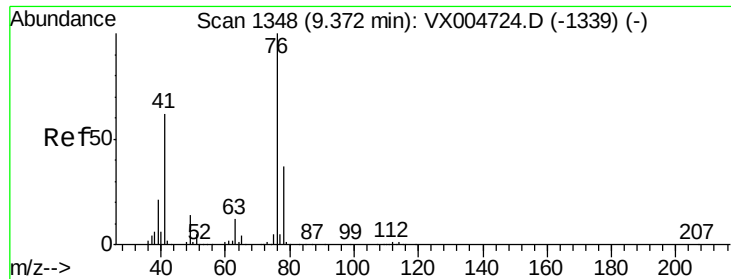


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

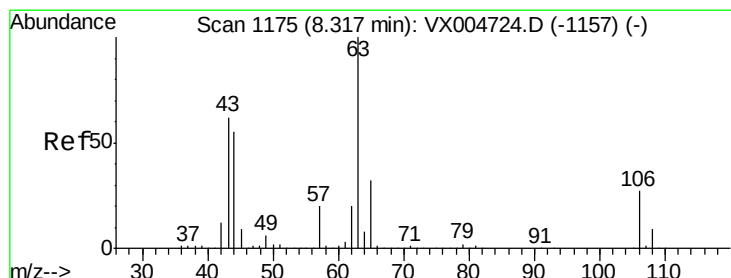
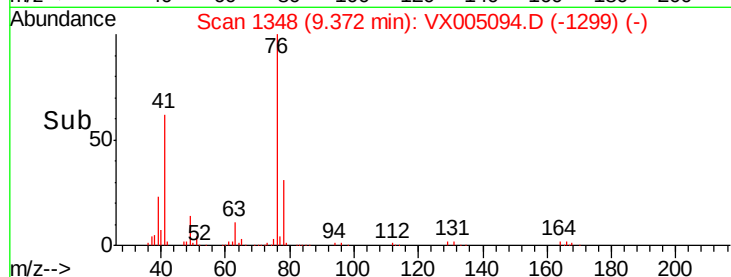
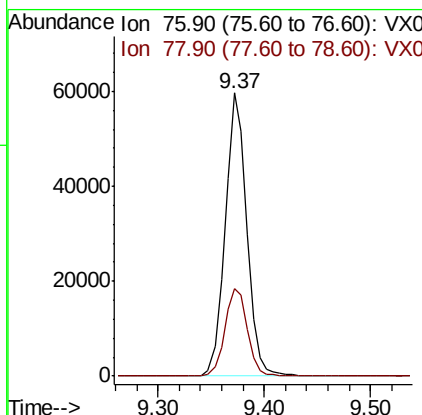
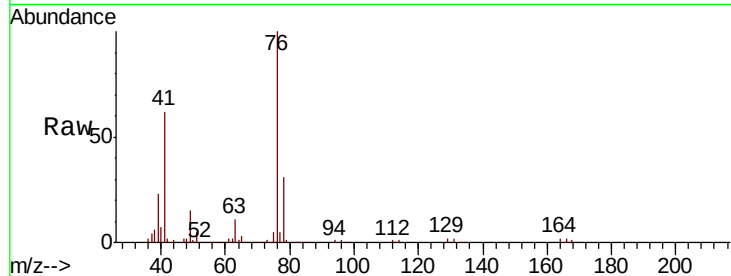




#57
 1,3-Dichloropropane
 Concen: 20.715 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005094.D
 Acq: 06 Oct 2018 04:39

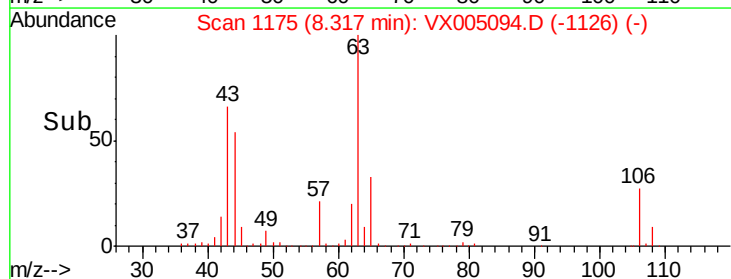
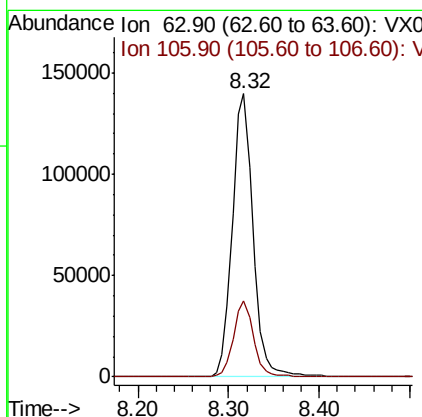
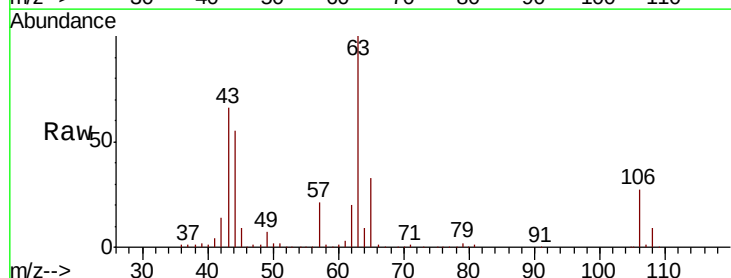
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005WBS02

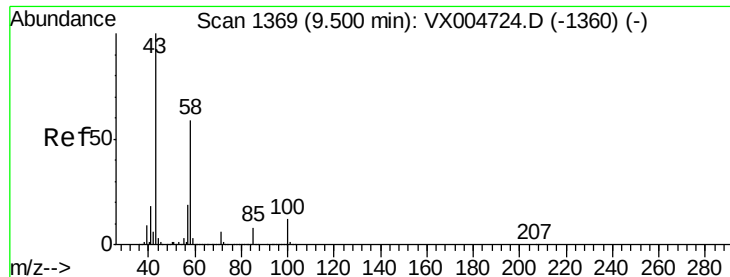
Tot Ion: 76 Resp: 84645
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 113.080 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: VX005094.D
 Acq: 06 Oct 2018 04:39

Tgt Ion: 63 Resp: 221719
 Ion Ratio Lower Upper
 63 100
 106 26.2 21.0 31.6

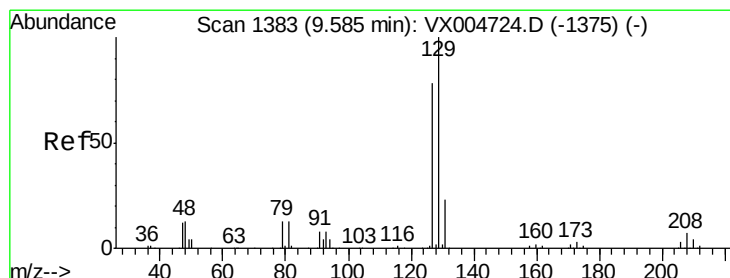
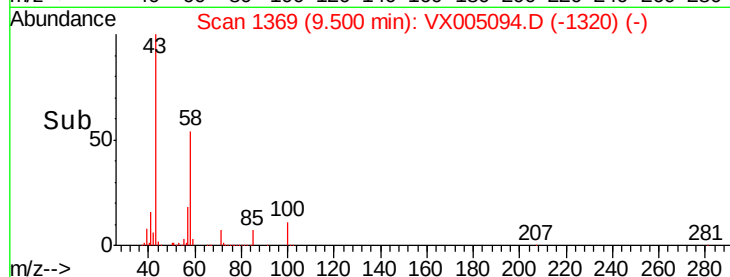
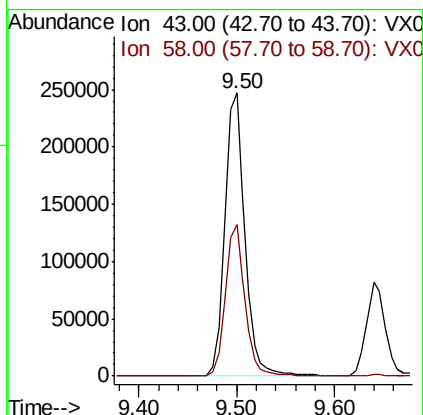
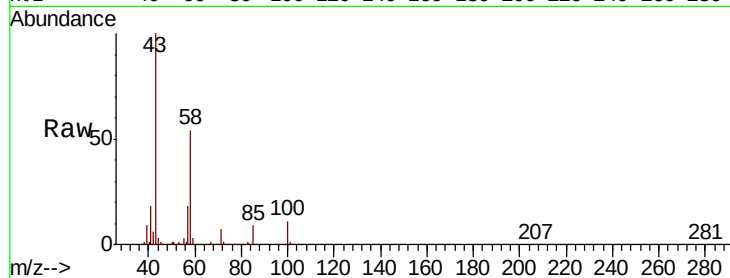




#59
2-Hexanone
Concen: 106.831 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

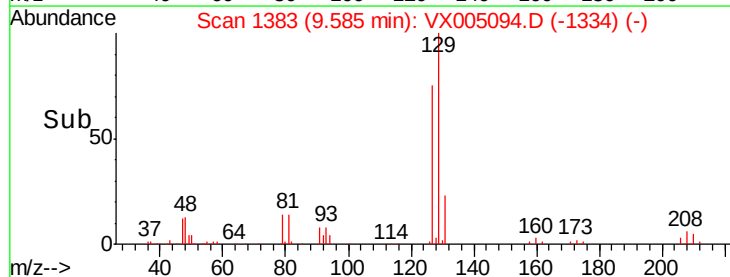
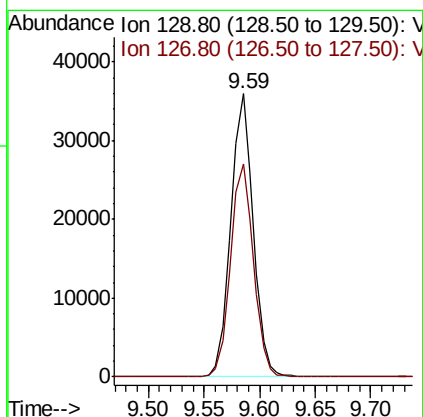
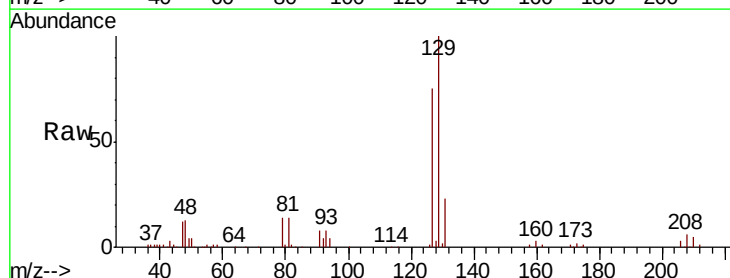
Instrument :
MSVOA_X
ClientSampleId :
VX1005WBS02

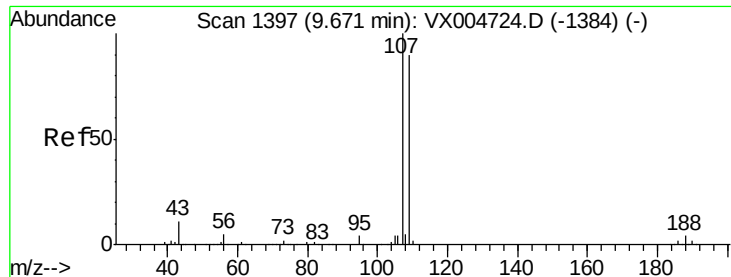
Tot Ion: 43 Resp: 349908
Ion Ratio Lower Upper
43 100
58 52.3 28.4 85.3



#60
Dibromochloromethane
Concen: 20.418 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

Tgt Ion:129 Resp: 50134
Ion Ratio Lower Upper
129 100
127 76.7 39.1 117.2





#61

1,2-Dibromoethane

Concen: 19.537 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

Instrument :

MSVOA_X

ClientSampleId :

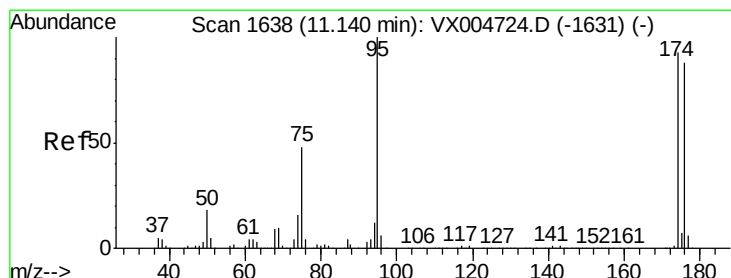
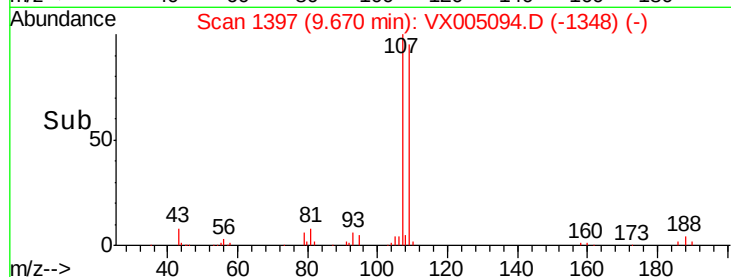
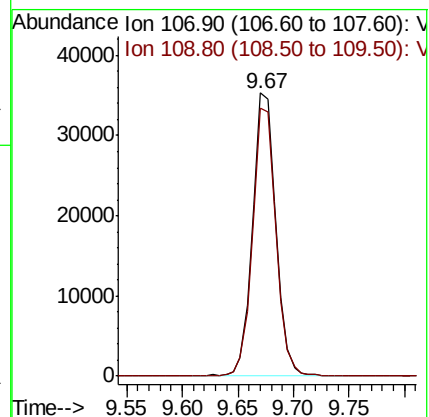
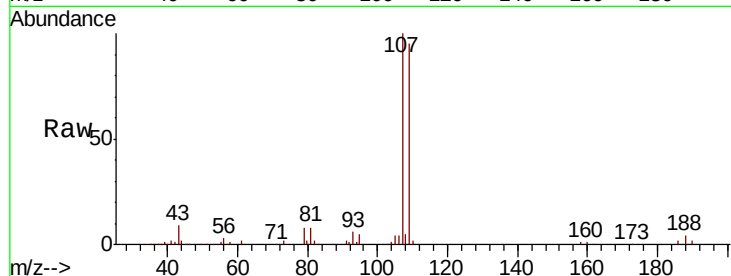
VX1005WBS02

Tot Ion:107 Resp: 51369

Ion Ratio Lower Upper

107 100

109 95.7 72.1 108.1



#62

4-Bromofluorobenzene

Concen: 56.706 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

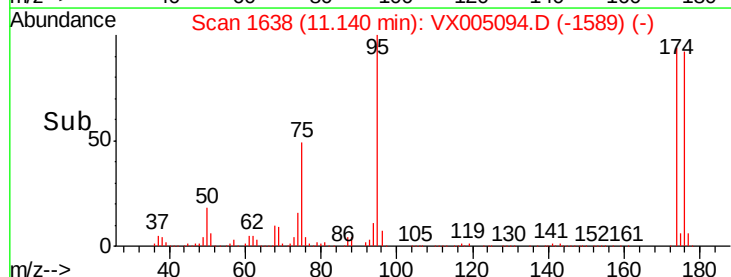
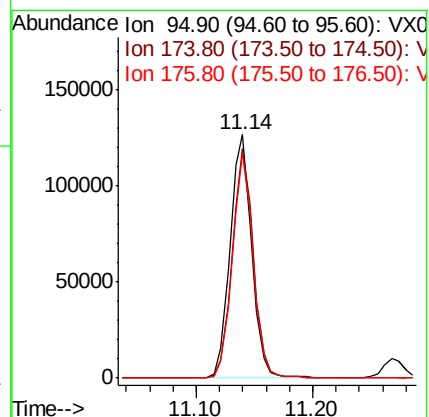
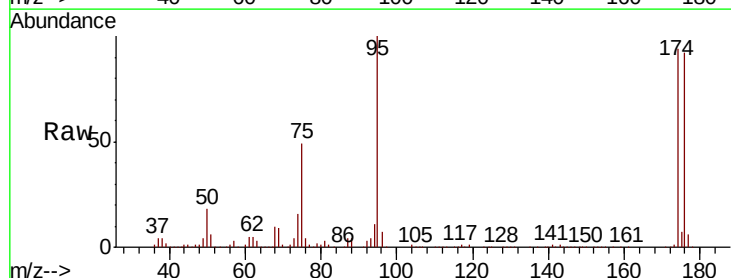
Tgt Ion: 95 Resp: 162184

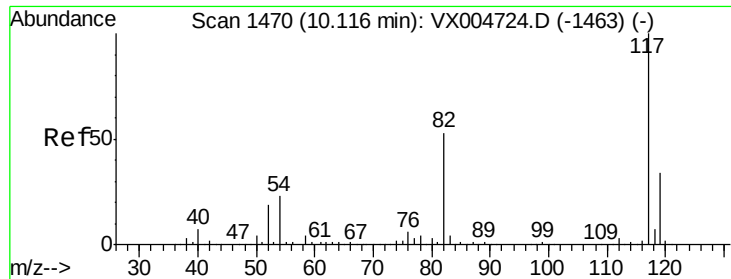
Ion Ratio Lower Upper

95 100

174 92.5 0.0 185.0

176 89.3 0.0 180.2

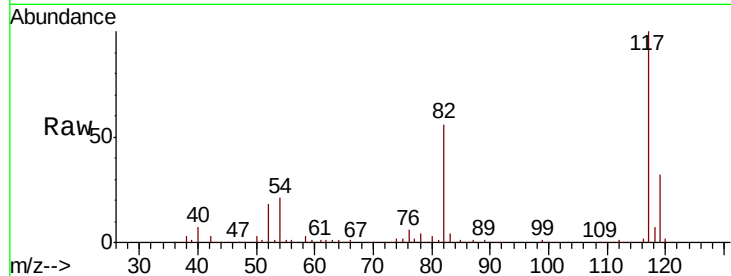




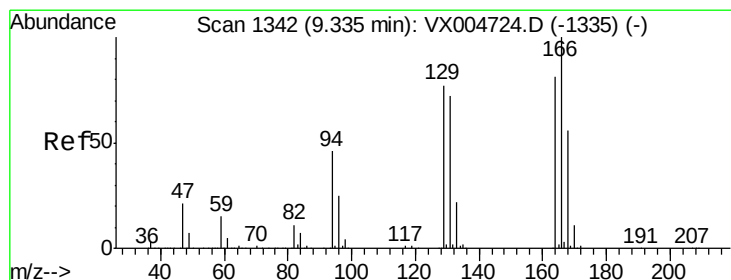
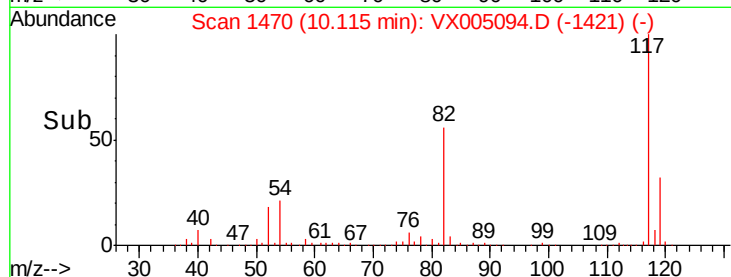
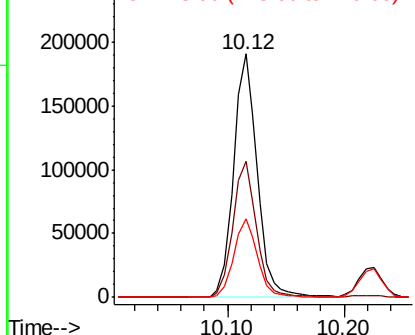
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

Instrument :
MSVOA_X
ClientSampled :
VX1005WBS02

Tot Ion:117 Resp: 269561
Ion Ratio Lower Upper
117 100
82 56.0 42.2 63.4
119 32.3 27.4 41.0

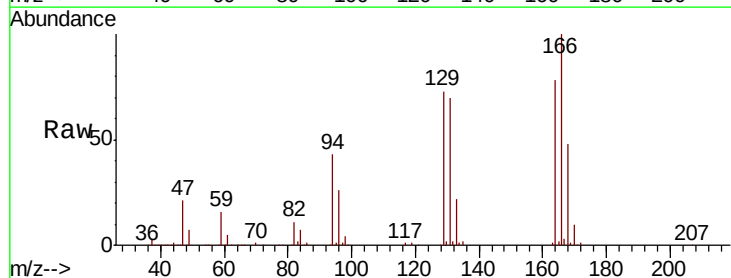


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

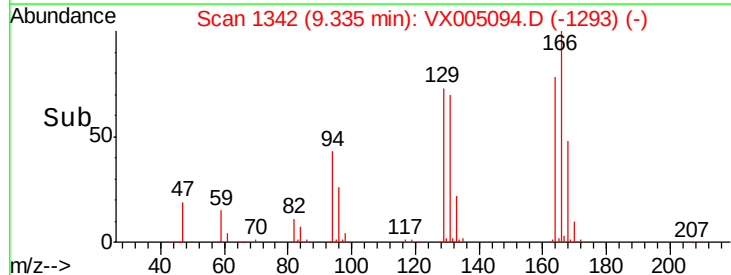
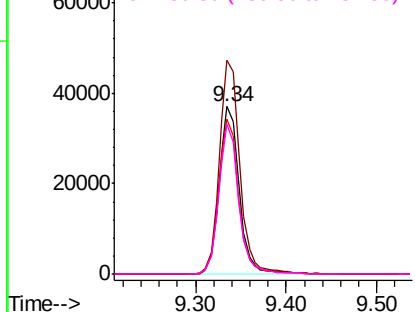


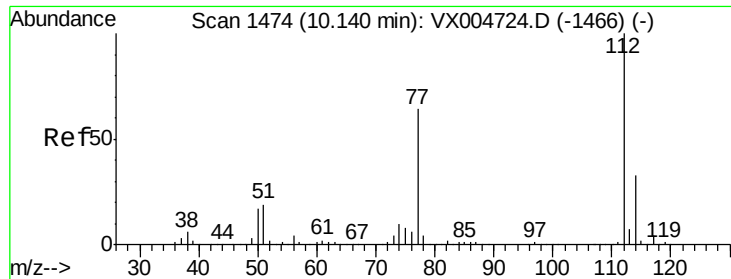
#64
Tetrachloroethene
Concen: 21.632 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

Tgt Ion:164 Resp: 57392
Ion Ratio Lower Upper
164 100
166 127.7 98.4 147.6
129 92.9 76.1 114.1
131 89.9 71.0 106.4



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

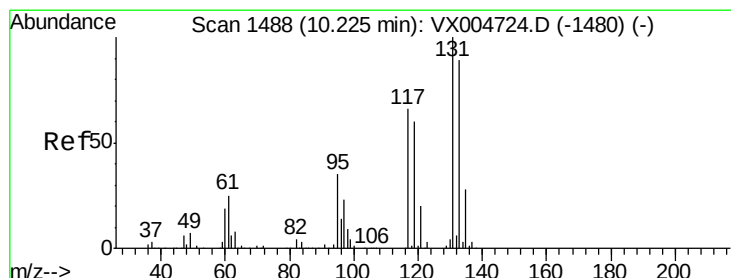
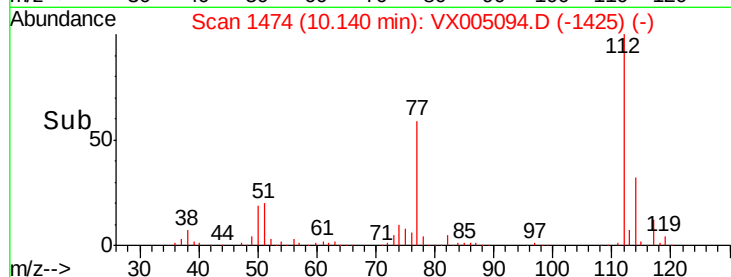
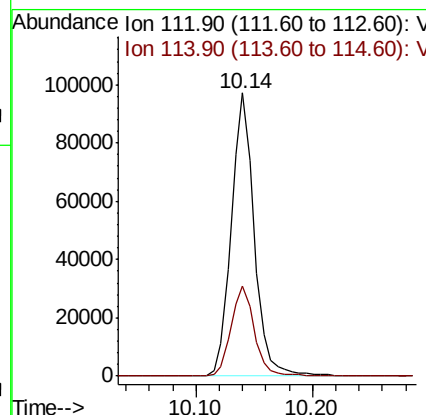
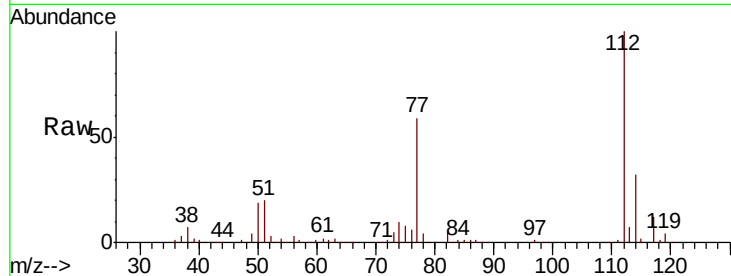




#65
Chlorobenzene
Concen: 19.239 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

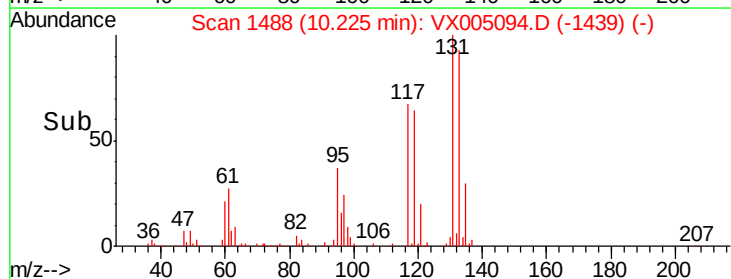
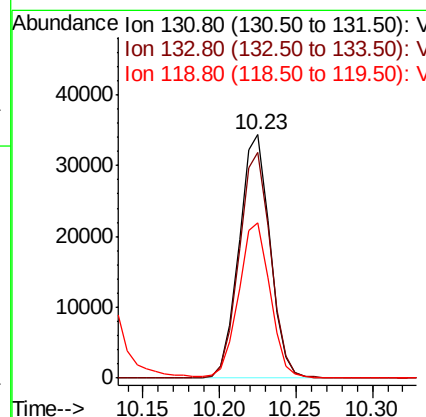
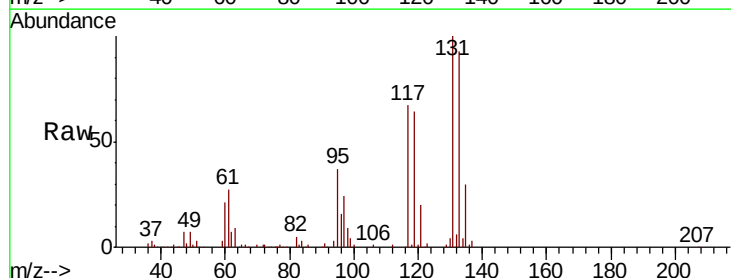
Instrument :
MSVOA_X
ClientSampleId :
VX1005WBS02

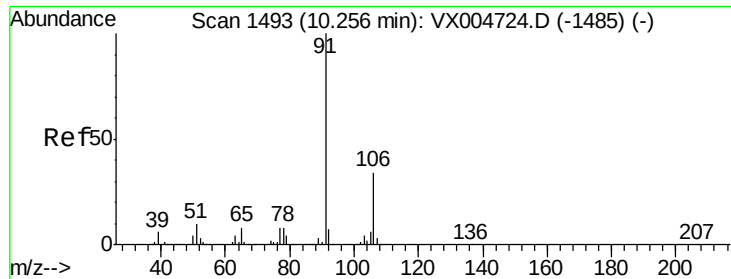
Tot Ion:112 Resp: 132989
Ion Ratio Lower Upper
112 100
114 31.9 26.7 40.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.800 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

Tgt Ion:131 Resp: 48116
Ion Ratio Lower Upper
131 100
133 94.7 48.4 145.0
119 65.5 32.3 96.8

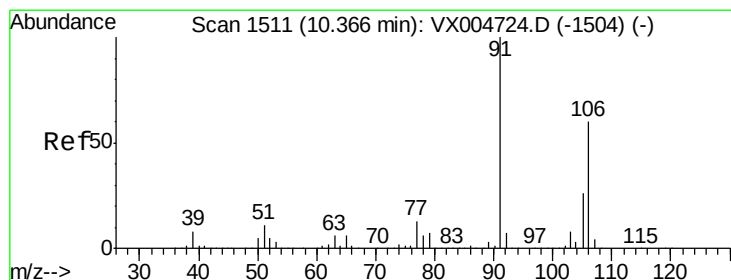
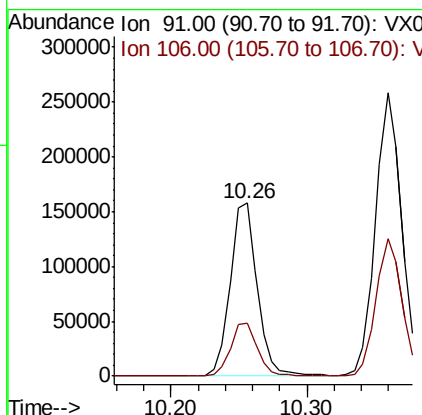
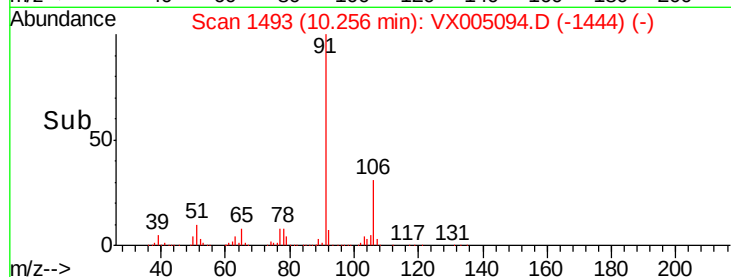
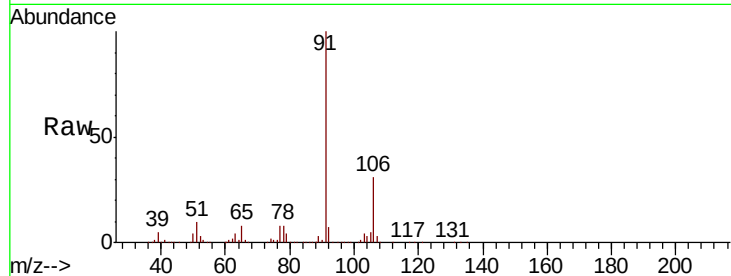




#67
Ethyl Benzene
Concen: 19.953 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

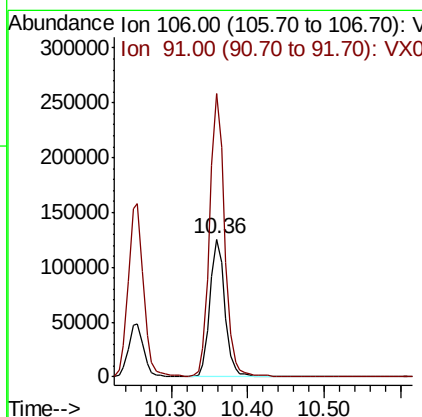
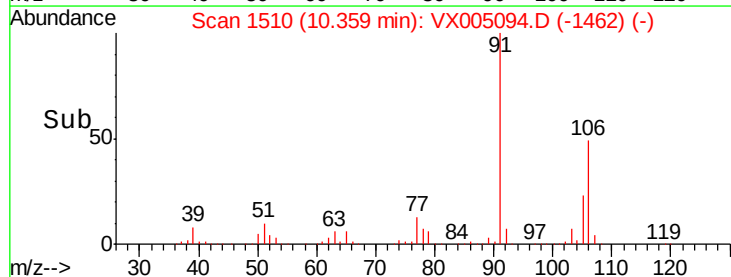
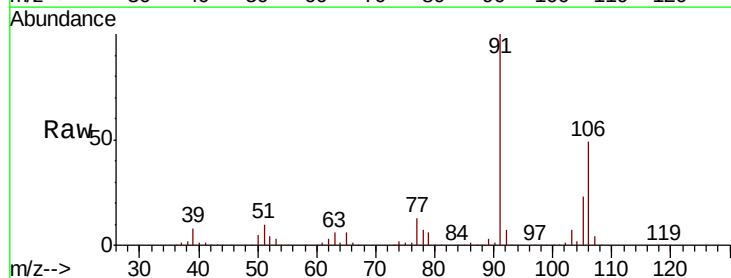
Instrument :
MSVOA_X
ClientSampleId :
VX1005WBS02

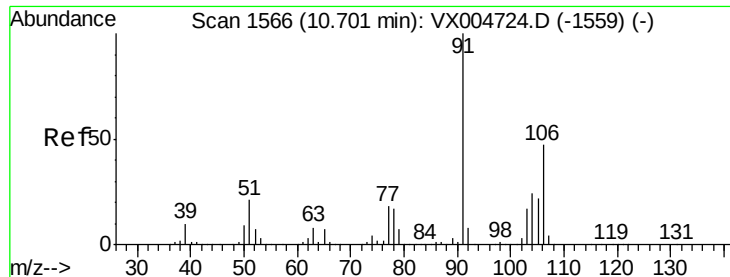
Tot Ion: 91 Resp: 218971
Ion Ratio Lower Upper
91 100
106 30.7 26.9 40.3



#68
m/p-Xylenes
Concen: 40.085 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

Tgt Ion: 106 Resp: 171899
Ion Ratio Lower Upper
106 100
91 204.6 157.5 236.3

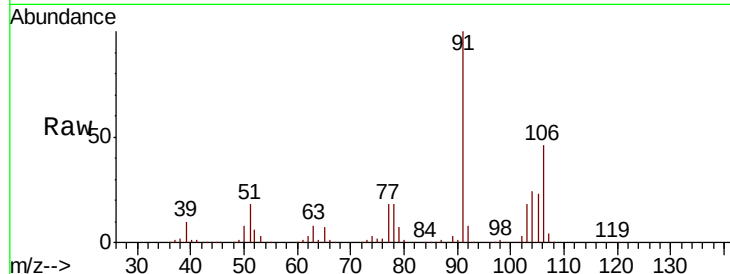




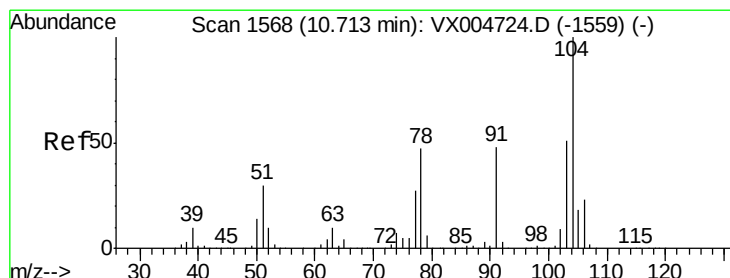
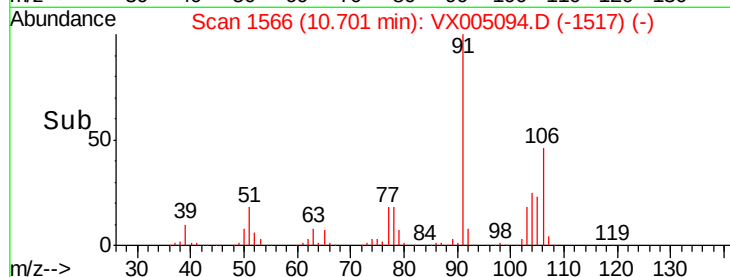
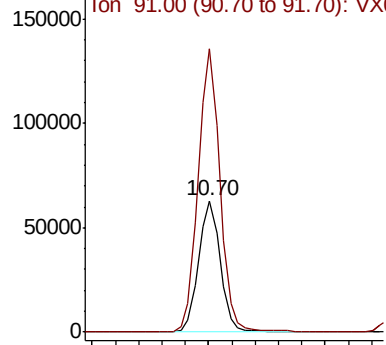
#69
o-Xylene
Concen: 20.767 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

Instrument :
MSVOA_X
ClientSampled :
VX1005WBS02

Tot Ion:106 Resp: 81799
Ion Ratio Lower Upper
106 100
91 217.1 108.3 324.8

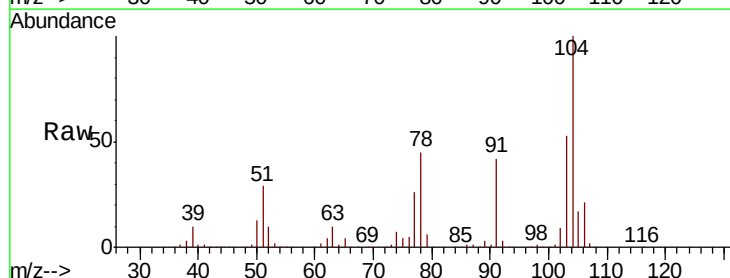


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

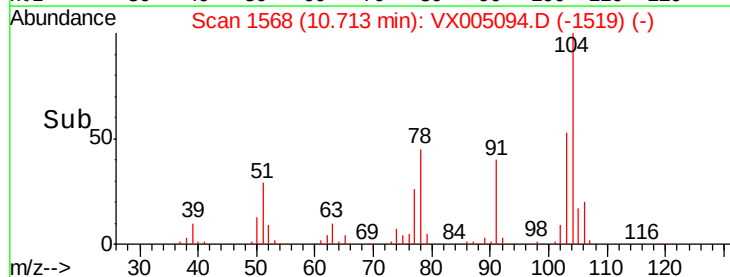
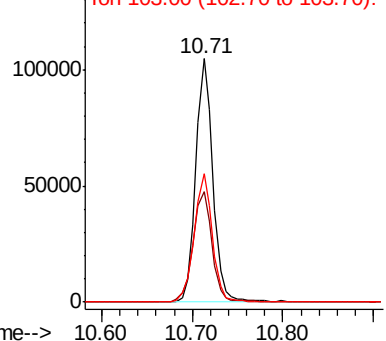


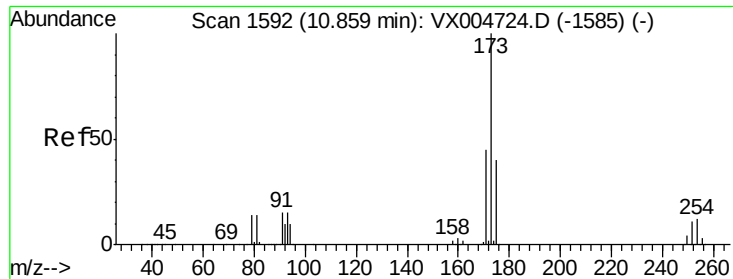
#70
Styrene
Concen: 20.028 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

Tgt Ion:104 Resp: 137671
Ion Ratio Lower Upper
104 100
78 50.9 40.0 60.0
103 56.4 44.3 66.5



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: 19.242 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

Instrument :

MSVOA_X

ClientSampleId :

VX1005WBS02

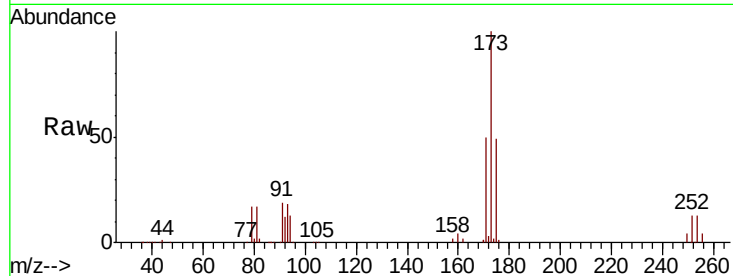
Tot Ion:173 Resp: 40033

Ion Ratio Lower Upper

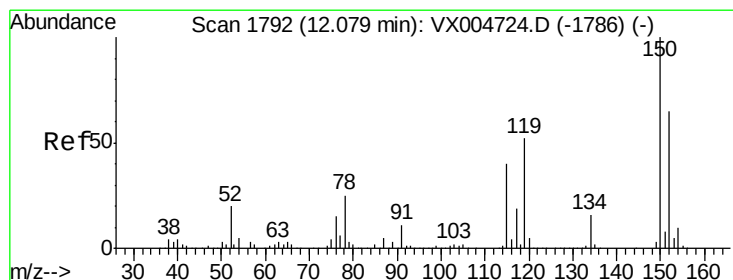
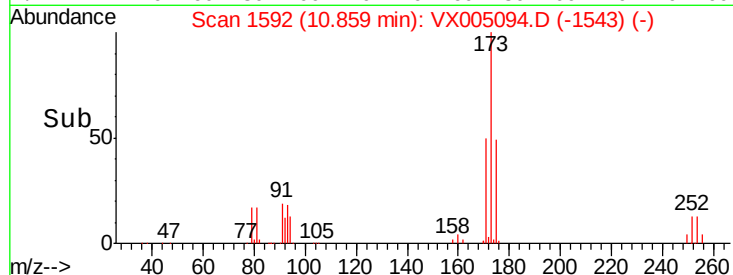
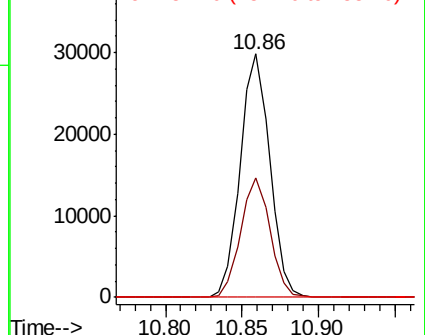
173 100

175 48.8 23.3 69.8

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

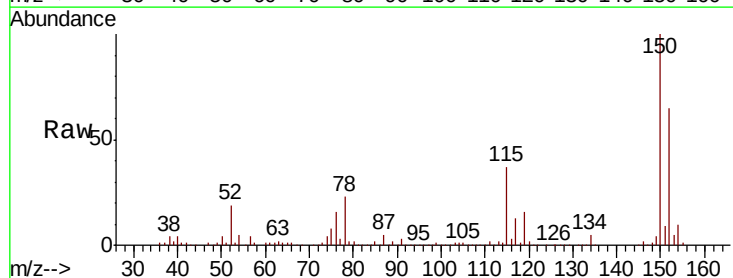
Tgt Ion:152 Resp: 166837

Ion Ratio Lower Upper

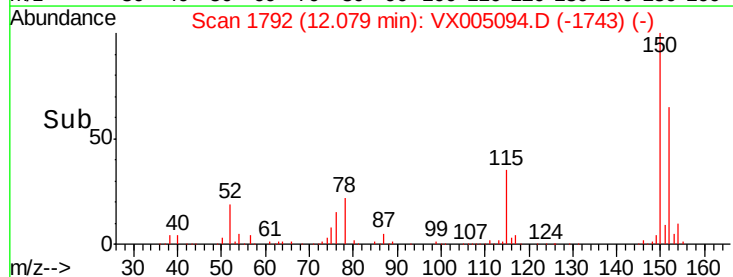
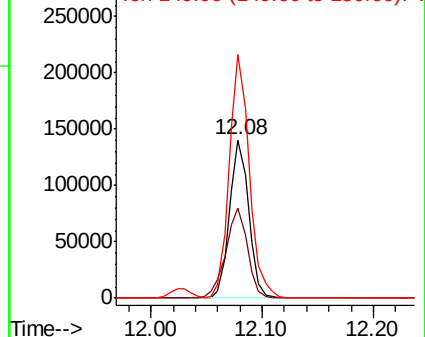
152 100

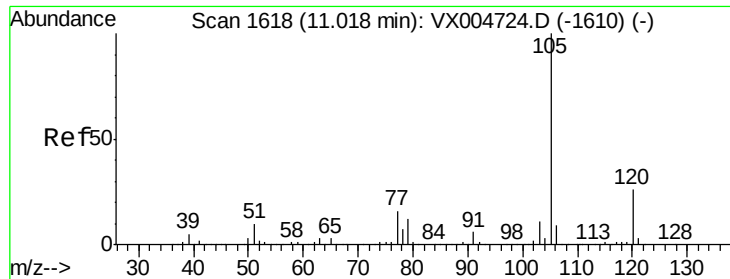
115 64.6 40.2 120.6

150 161.6 0.0 351.0



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: 21.412 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

Instrument :

MSVOA_X

ClientSampleId :

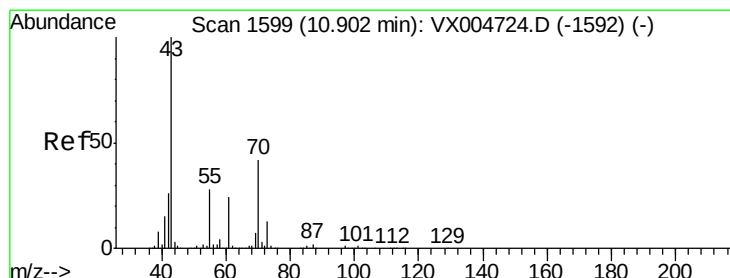
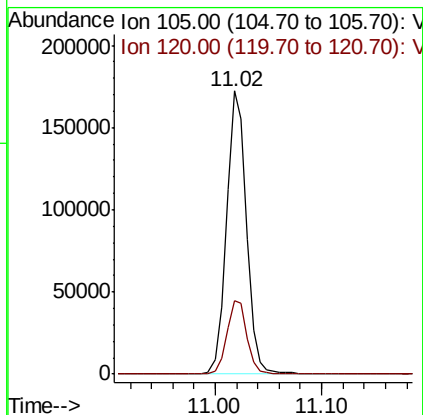
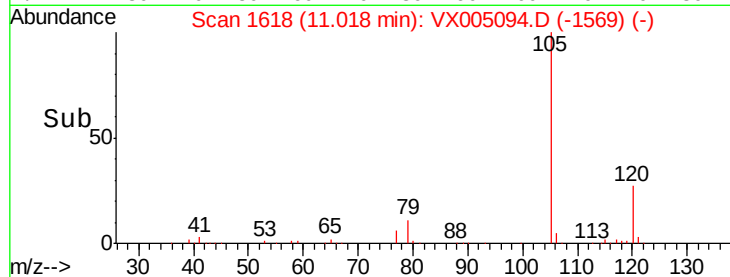
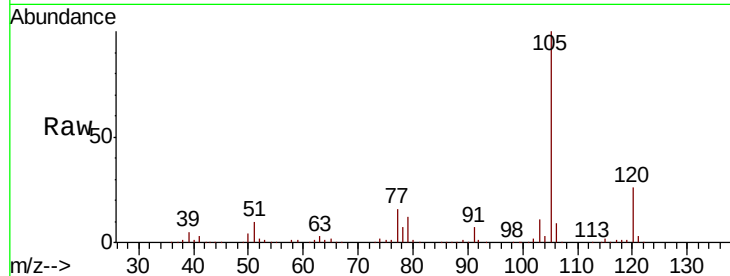
VX1005WBS02

Tot Ion:105 Resp: 225163

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.5



#74

N-ethyl acetate

Concen: 19.184 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

Tgt Ion: 43 Resp: 104431

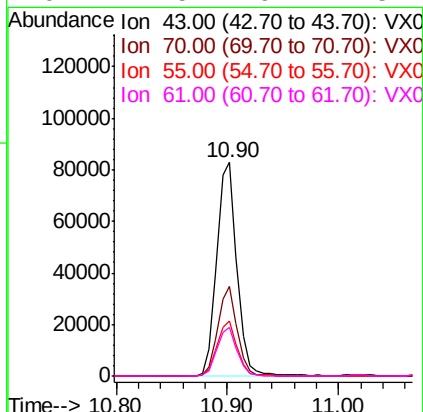
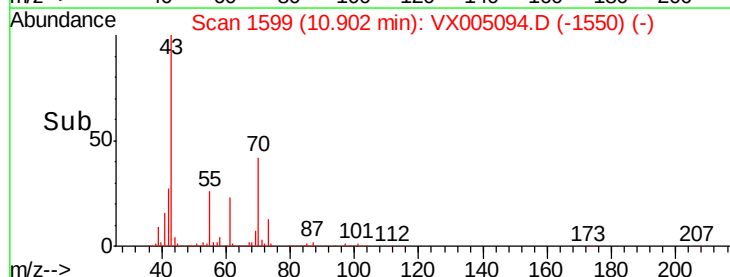
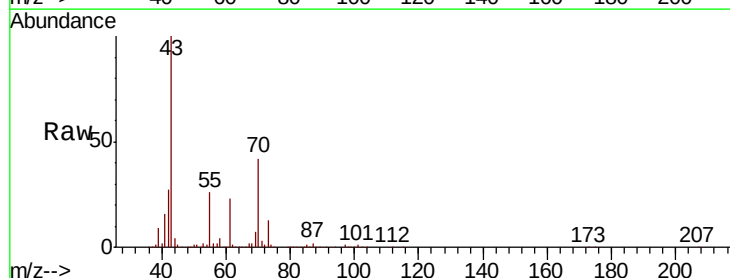
Ion Ratio Lower Upper

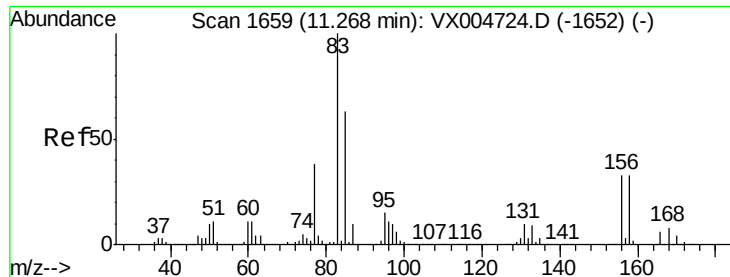
43 100

70 40.0 32.6 48.8

55 25.8 21.6 32.4

61 22.5 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 18.929 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

Instrument :

MSVOA_X

ClientSampleId :

VX1005WBS02

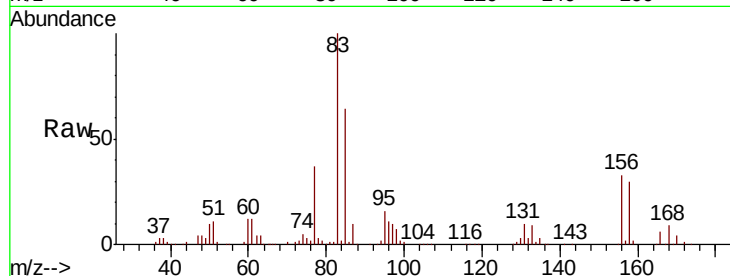
Tot Ion: 83 Resp: 81031

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

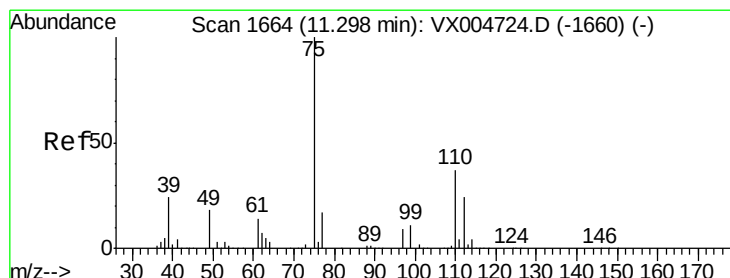
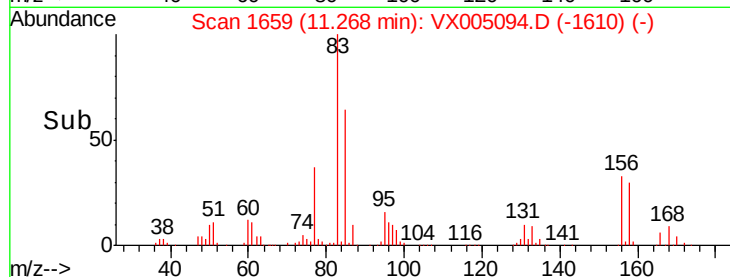
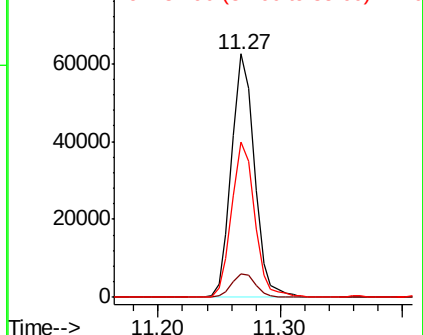
85 64.5 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.251 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005094.D

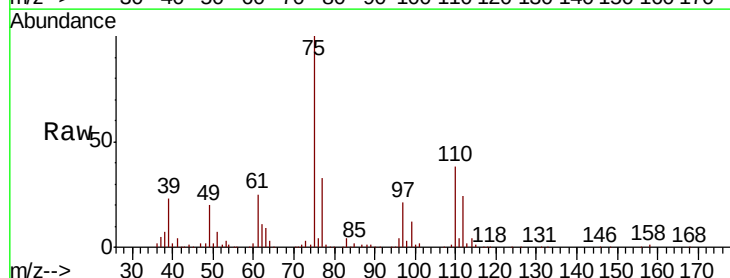
Acq: 06 Oct 2018 04:39

Tgt Ion: 75 Resp: 90684

Ion Ratio Lower Upper

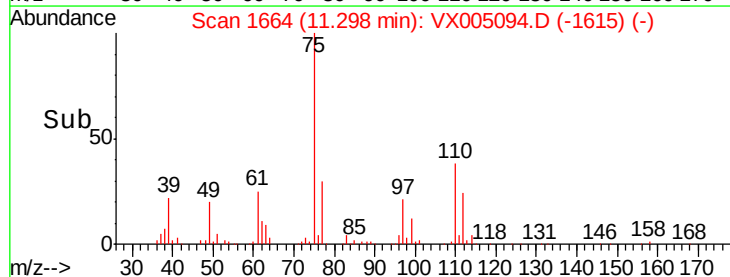
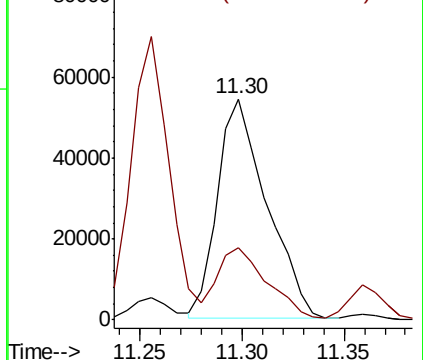
75 100

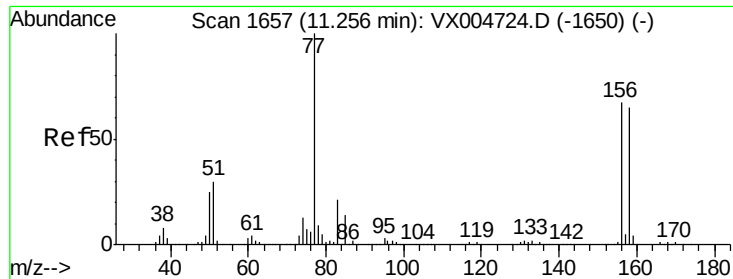
77 33.4 21.4 64.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.120 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

Instrument :

MSVOA_X

ClientSampleId :

VX1005WBS02

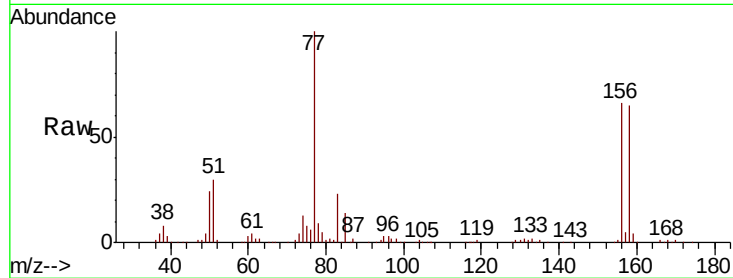
Tot Ion:156 Resp: 61456

Ion Ratio Lower Upper

156 100

77 148.4 73.4 220.2

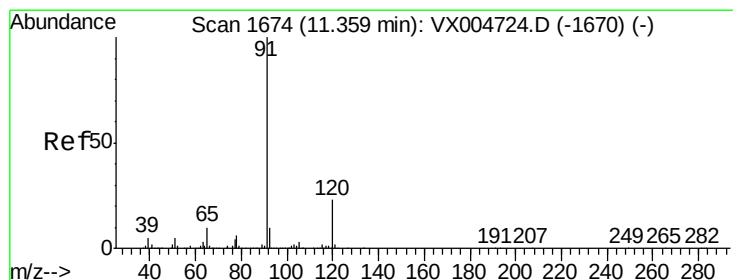
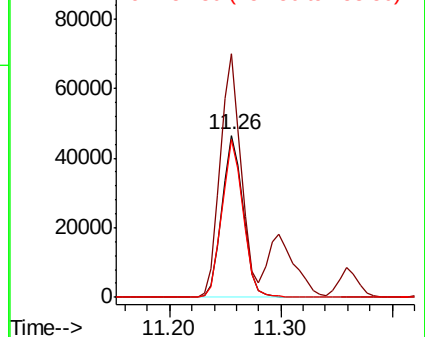
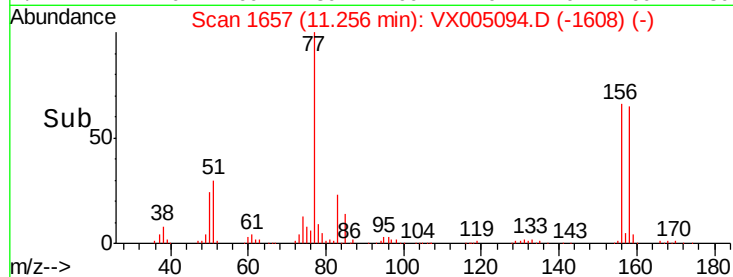
158 97.0 49.1 147.4



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: 21.384 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005094.D

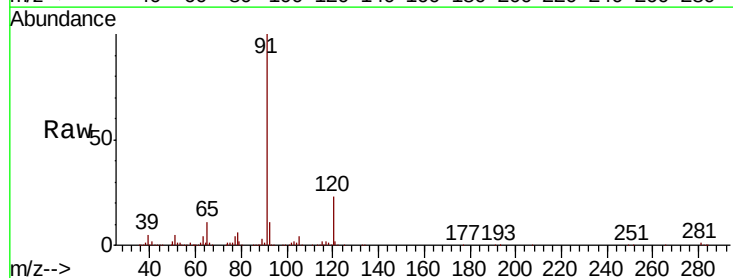
Acq: 06 Oct 2018 04:39

Tgt Ion: 91 Resp: 258016

Ion Ratio Lower Upper

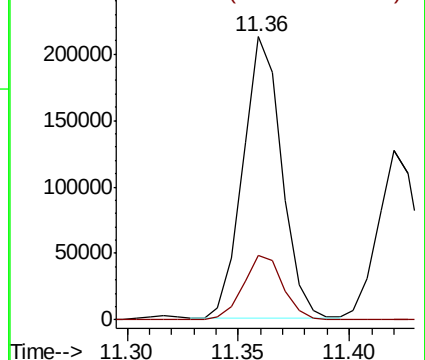
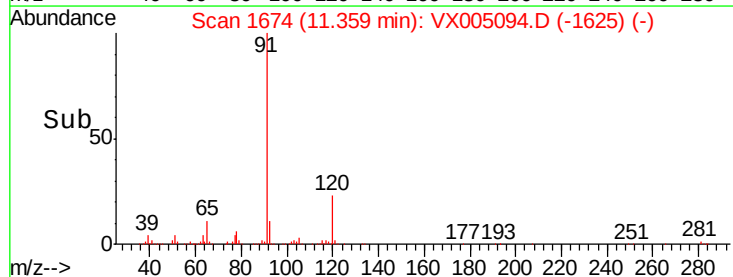
91 100

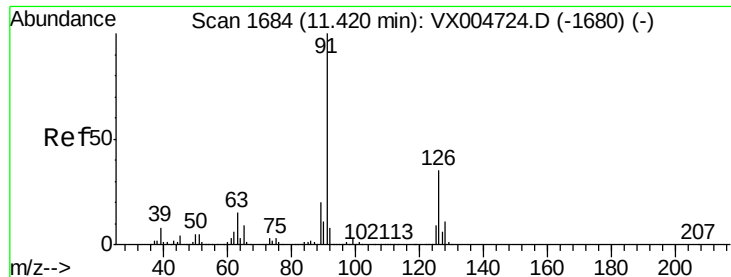
120 23.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.915 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

Instrument :

MSVOA_X

ClientSampleId :

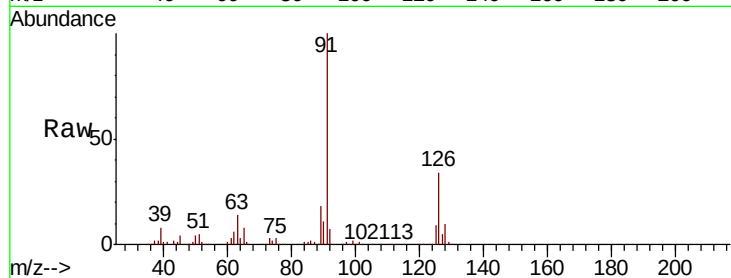
VX1005WBS02

Tot Ion: 91 Resp: 157301

Ion Ratio Lower Upper

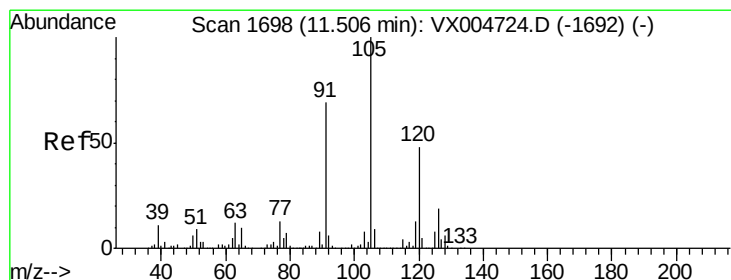
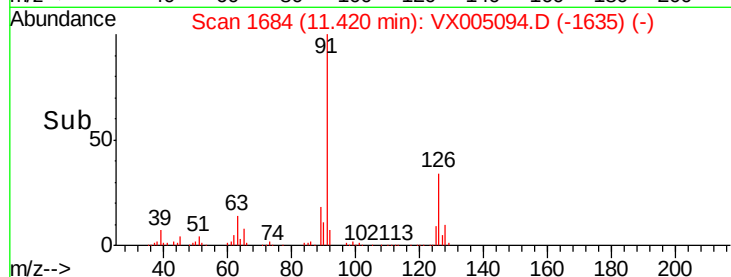
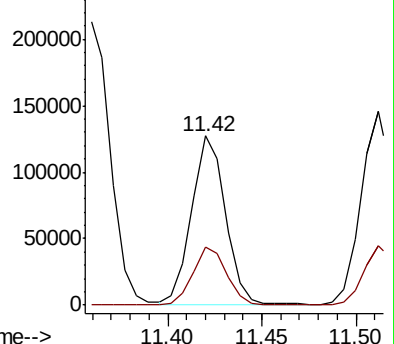
91 100

126 34.9 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.849 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005094.D

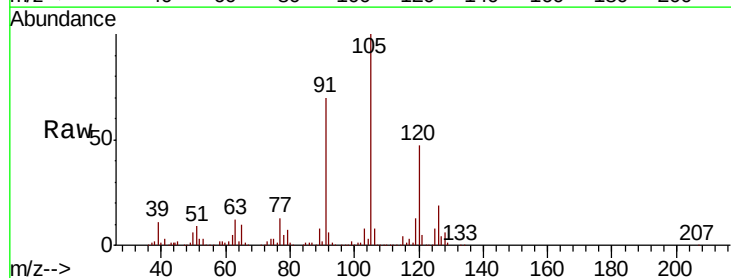
Acq: 06 Oct 2018 04:39

Tgt Ion:105 Resp: 192458

Ion Ratio Lower Upper

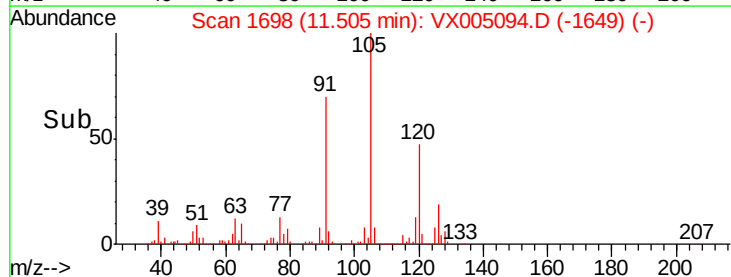
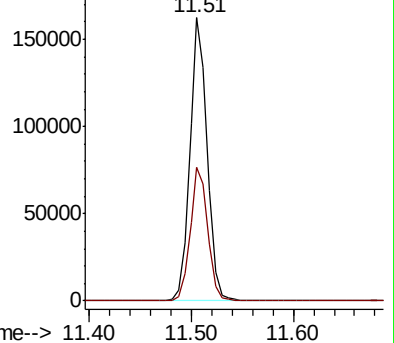
105 100

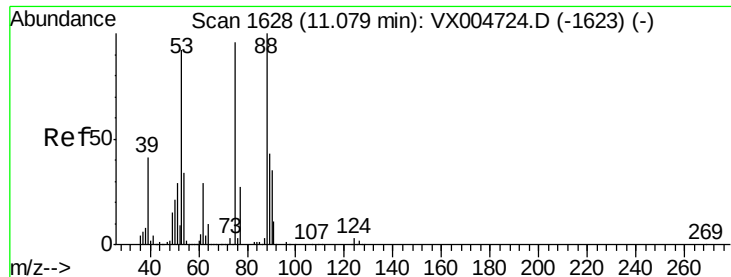
120 48.1 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 15.326 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

Instrument :

MSVOA_X

ClientSampleId :

VX1005WBS02

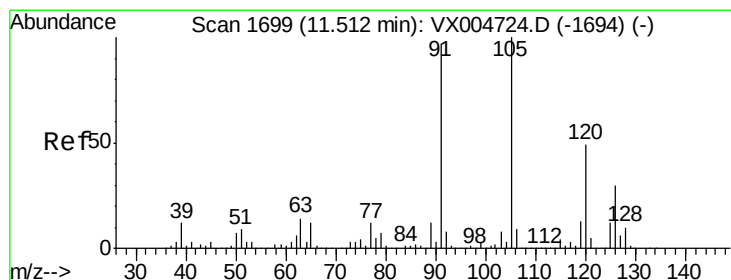
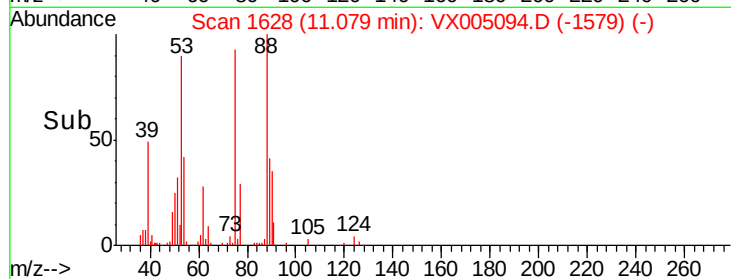
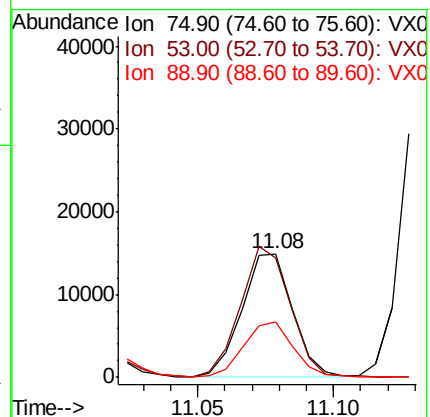
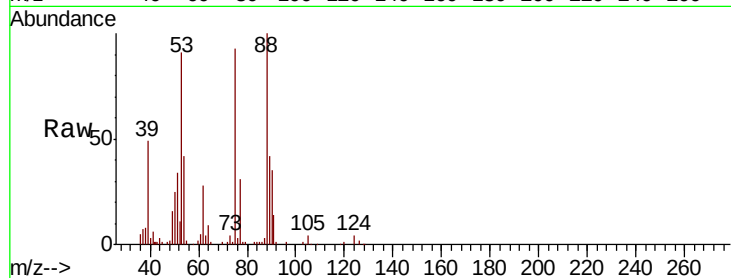
Tot Ion: 75 Resp: 19045

Ion Ratio Lower Upper

75 100

53 104.6 80.2 120.4

89 44.9 37.1 55.7



#82

4-Chlorotoluene

Concen: 20.747 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005094.D

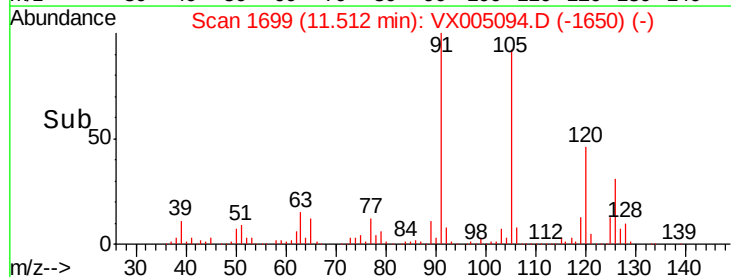
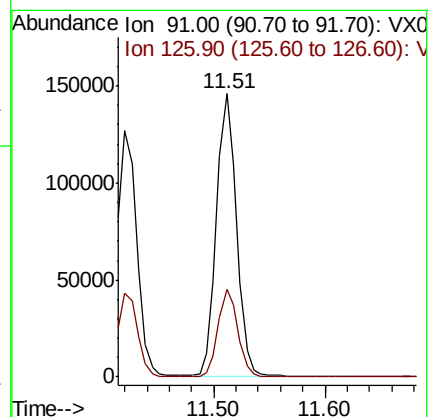
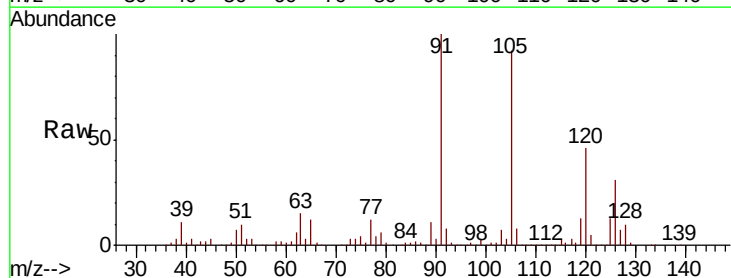
Acq: 06 Oct 2018 04:39

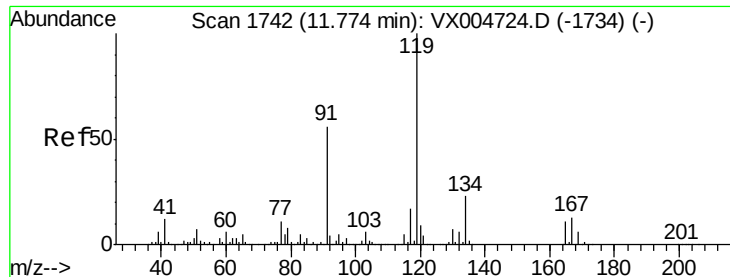
Tgt Ion: 91 Resp: 183663

Ion Ratio Lower Upper

91 100

126 30.6 15.5 46.5

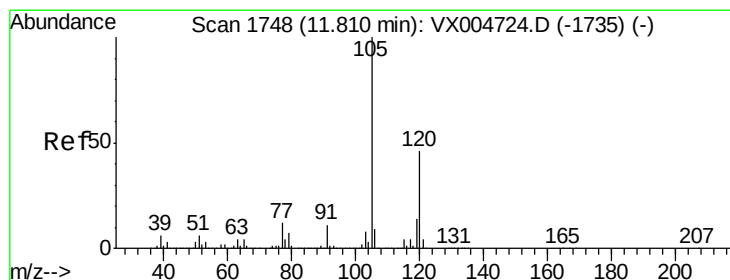
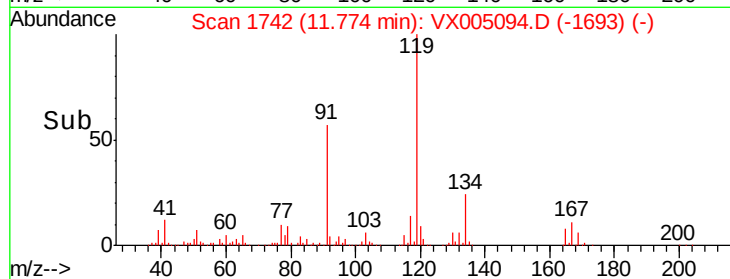
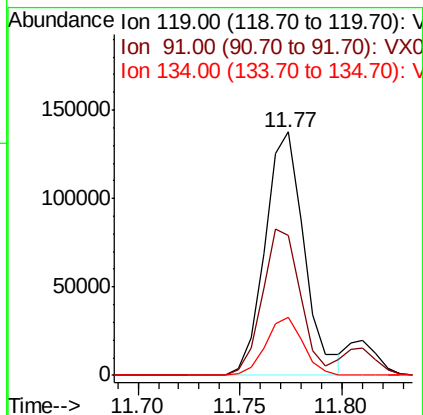
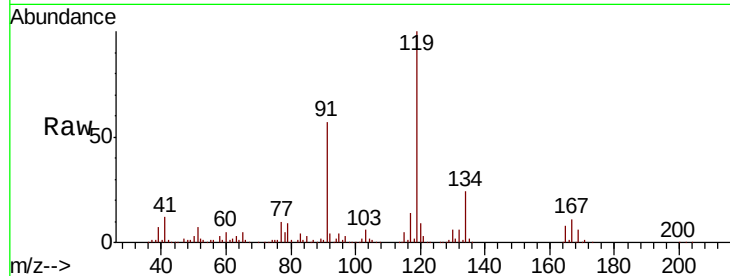




#83
 tert-Butylbenzene
 Concen: 21.241 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005094.D
 Acq: 06 Oct 2018 04:39

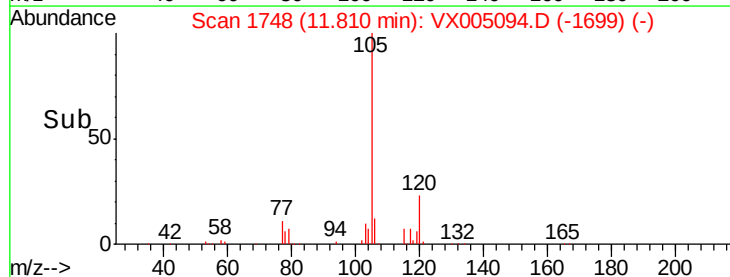
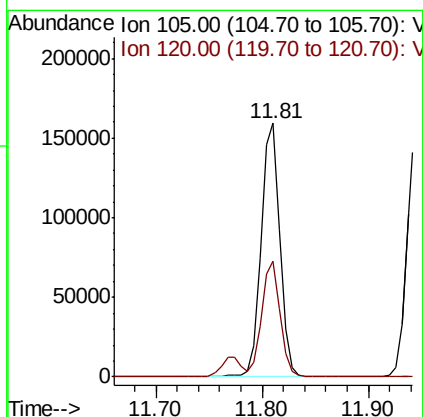
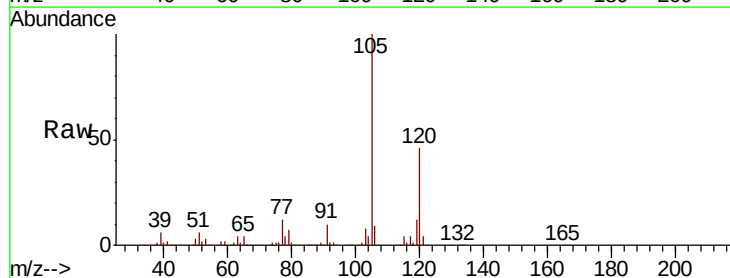
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005WBS02

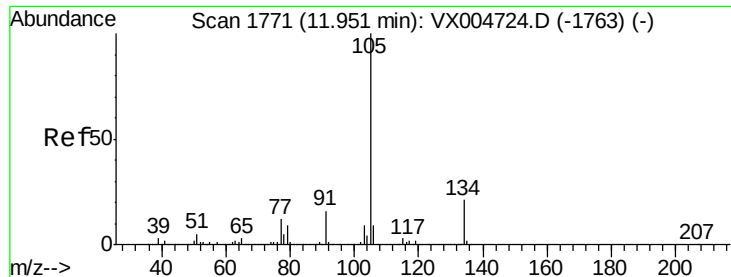
Tot Ion:119 Resp: 183904
 Ion Ratio Lower Upper
 119 100
 91 58.5 27.5 82.5
 134 22.8 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 19.709 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005094.D
 Acq: 06 Oct 2018 04:39

Tgt Ion:105 Resp: 197095
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.8 68.3

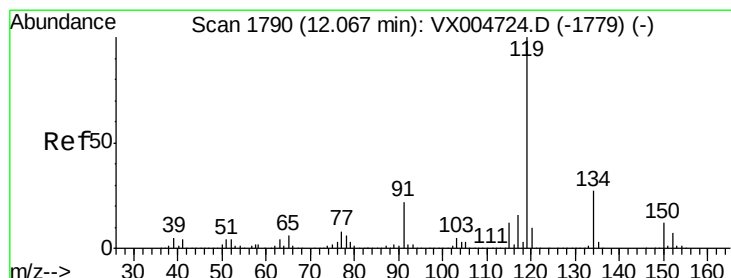
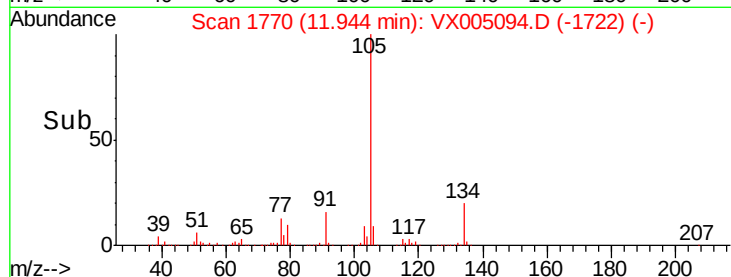
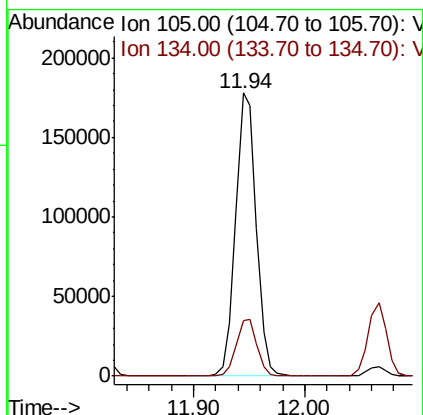
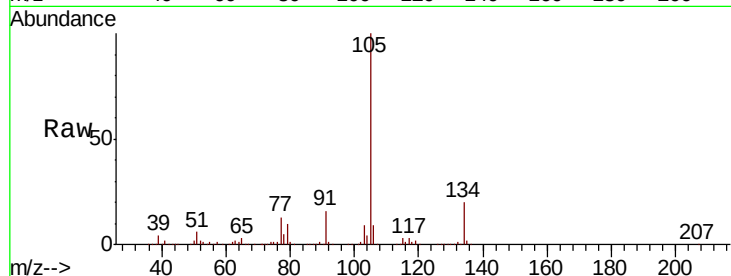




#85
 sec-Butylbenzene
 Concen: 21.512 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: VX005094.D
 Acq: 06 Oct 2018 04:39

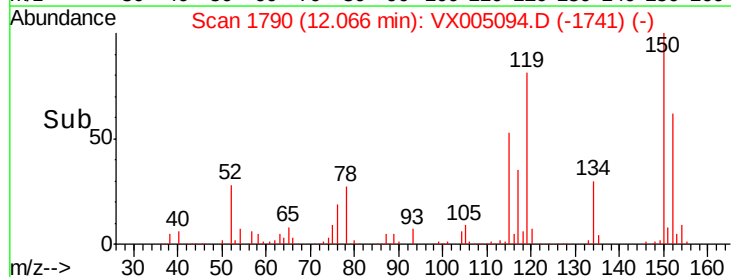
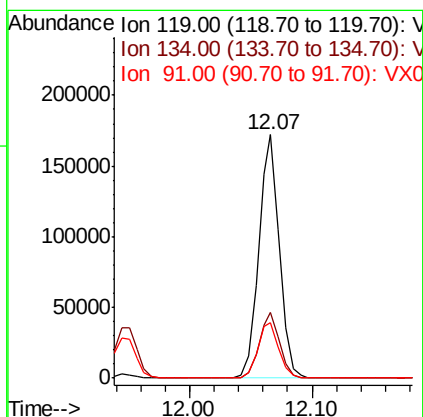
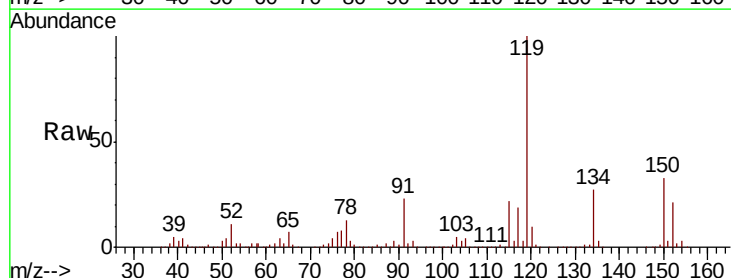
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005WBS02

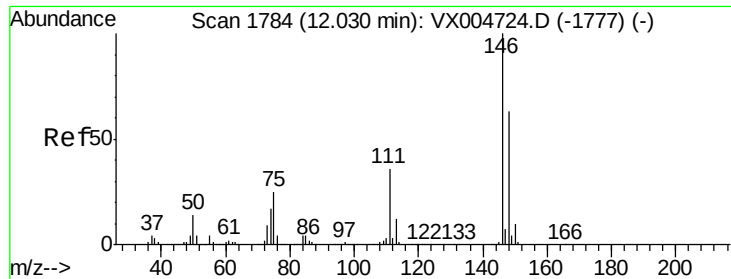
Tot Ion:105 Resp: 226867
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 21.126 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX005094.D
 Acq: 06 Oct 2018 04:39

Tgt Ion:119 Resp: 201849
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.1
 91 23.4 11.5 34.4

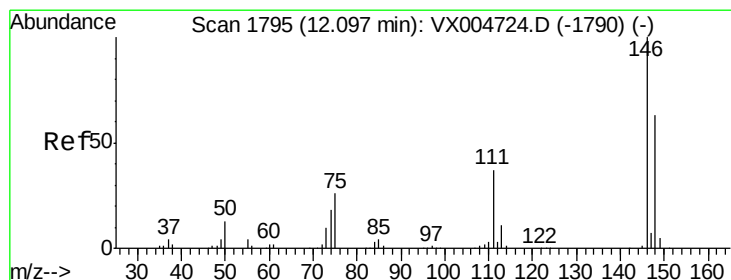
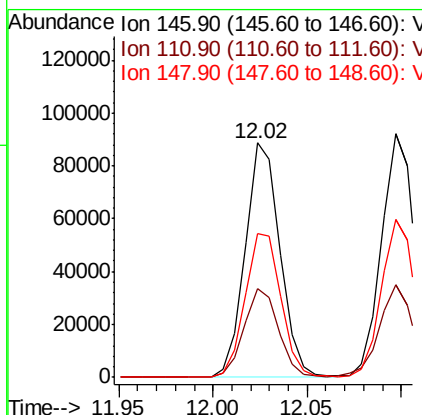
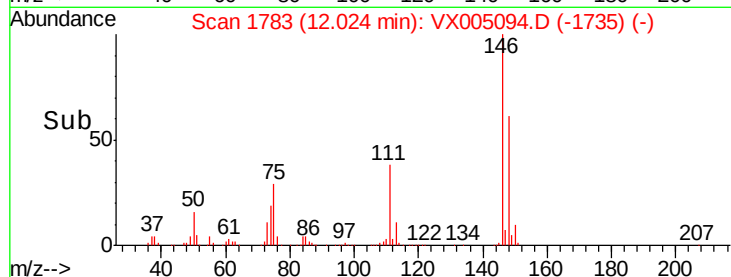
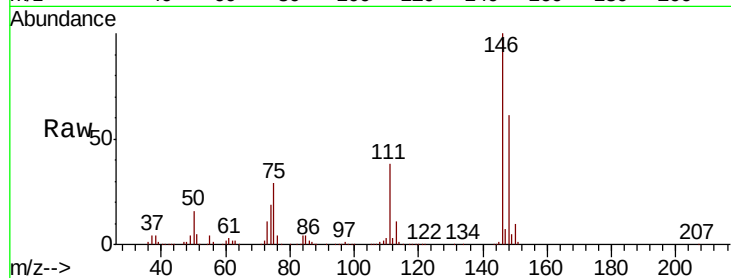




#87
 1,3-Dichlorobenzene
 Concen: 19.898 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX005094.D
 Acq: 06 Oct 2018 04:39

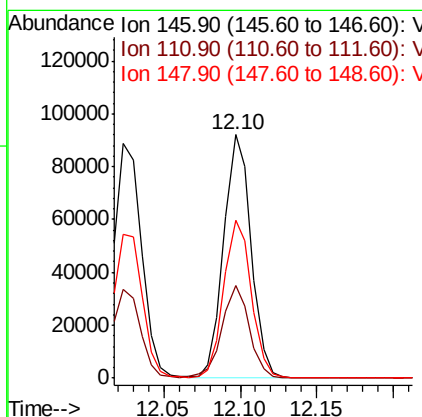
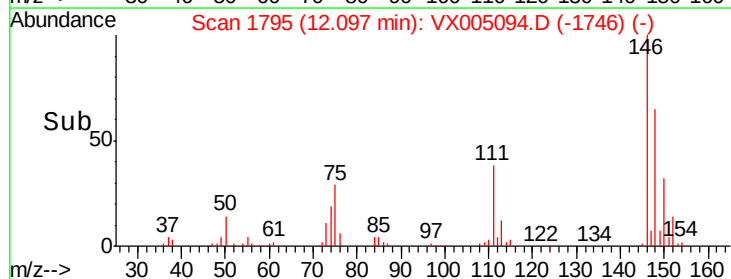
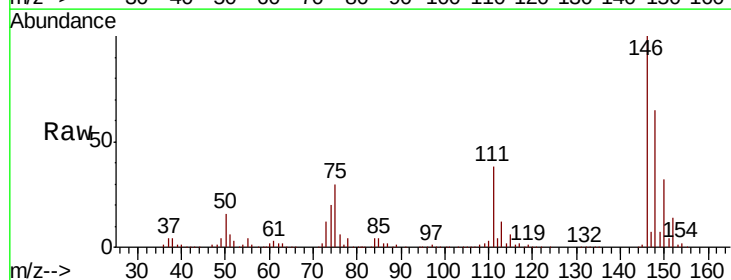
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005WBS02

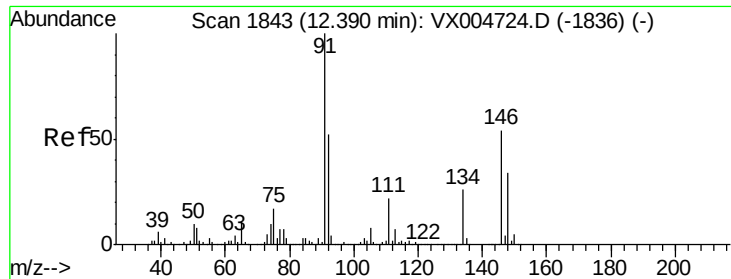
Tot Ion:146 Resp: 113489
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.9 56.9
 148 63.5 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 19.452 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005094.D
 Acq: 06 Oct 2018 04:39

Tgt Ion:146 Resp: 114526
 Ion Ratio Lower Upper
 146 100
 111 38.3 18.4 55.2
 148 65.5 32.0 96.0

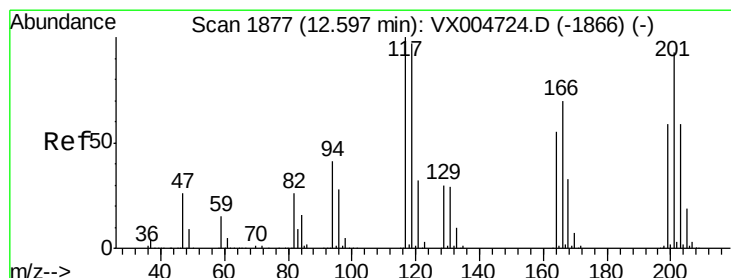
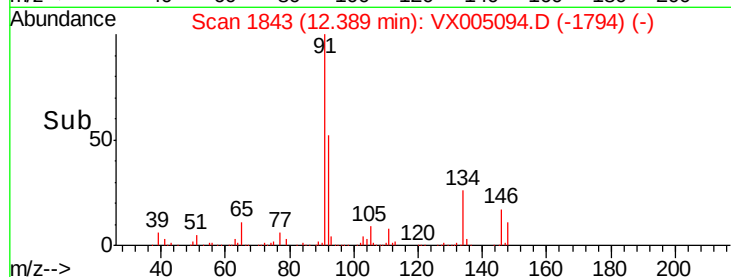
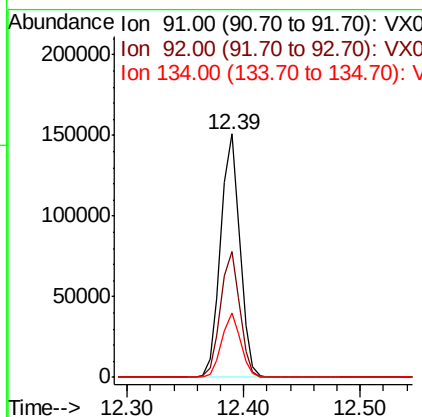
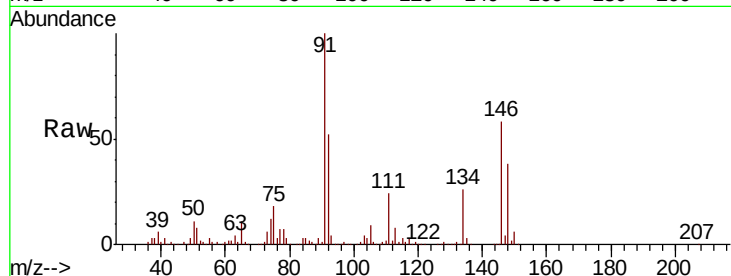




#89
n-Butylbenzene
Concen: 19.923 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

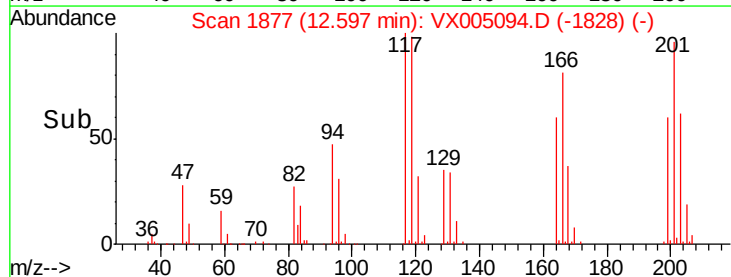
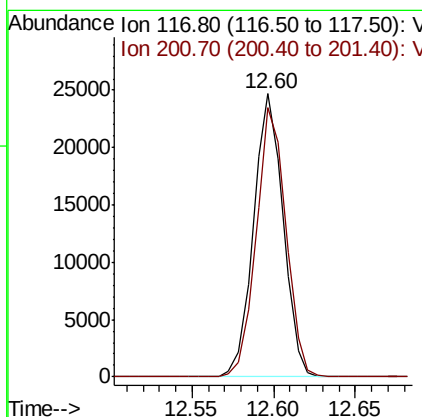
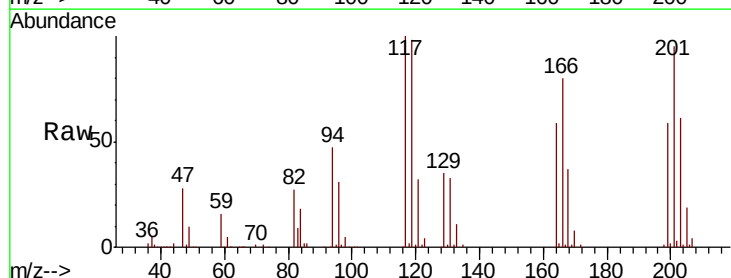
Instrument :
MSVOA_X
ClientSampleId :
VX1005WBS02

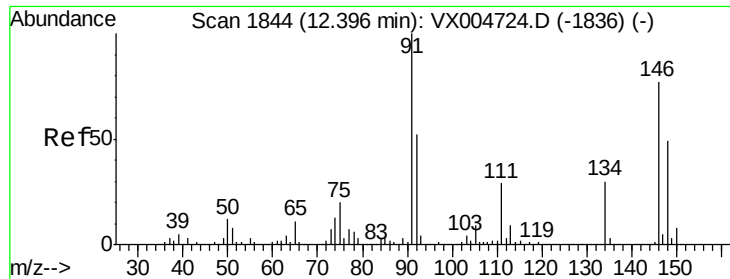
Tot Ion: 91 Resp: 172880
Ion Ratio Lower Upper
91 100
92 51.5 26.0 78.0
134 26.0 13.2 39.6



#90
Hexachloroethane
Concen: 19.597 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005094.D
Acq: 06 Oct 2018 04:39

Tgt Ion: 117 Resp: 31175
Ion Ratio Lower Upper
117 100
201 95.3 48.4 145.0

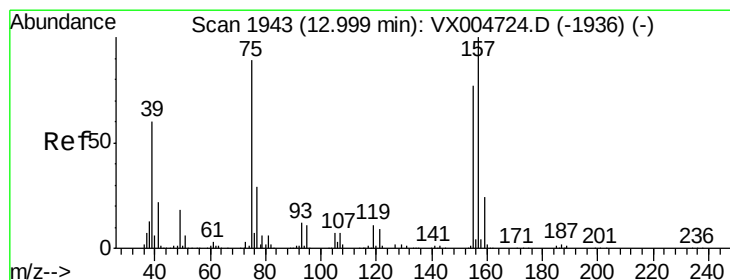
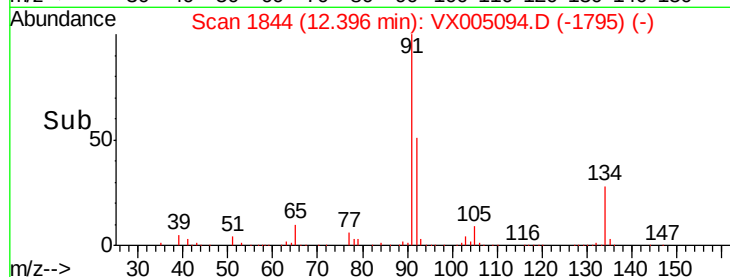
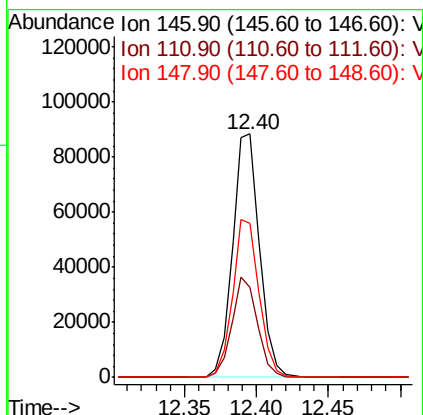
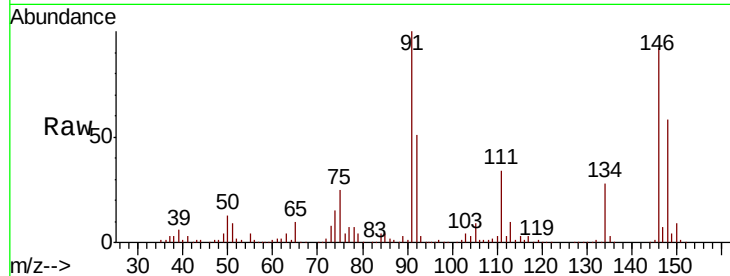




#91
 1,2-Dichlorobenzene
 Concen: 19.353 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: VX005094.D
 Acq: 06 Oct 2018 04:39

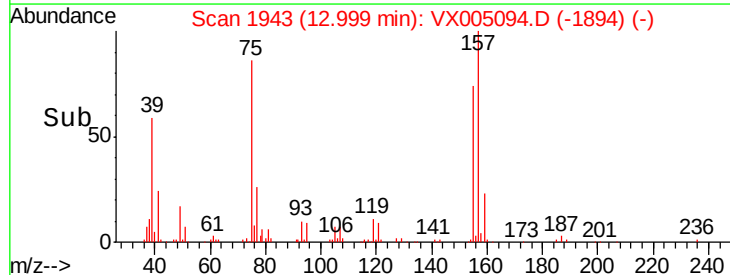
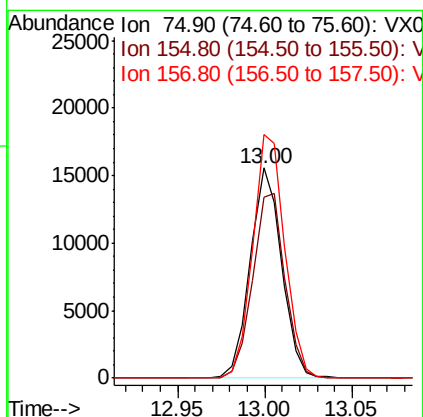
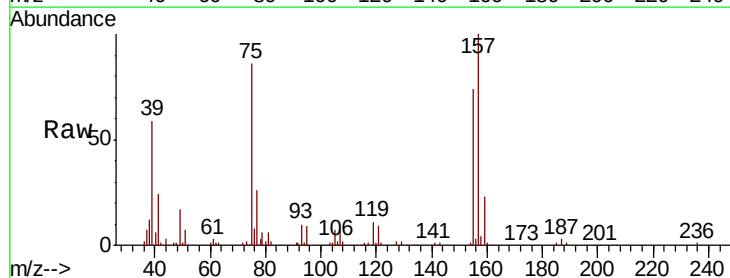
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005WBS02

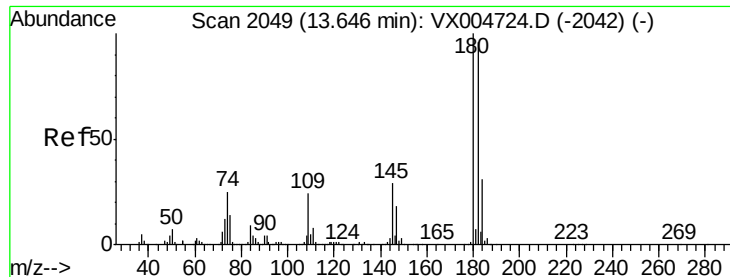
Tot Ion:146 Resp: 115352
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.6 58.7
 148 63.8 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.694 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005094.D
 Acq: 06 Oct 2018 04:39

Tgt Ion: 75 Resp: 19450
 Ion Ratio Lower Upper
 75 100
 155 90.2 46.1 138.3
 157 117.9 60.2 180.6

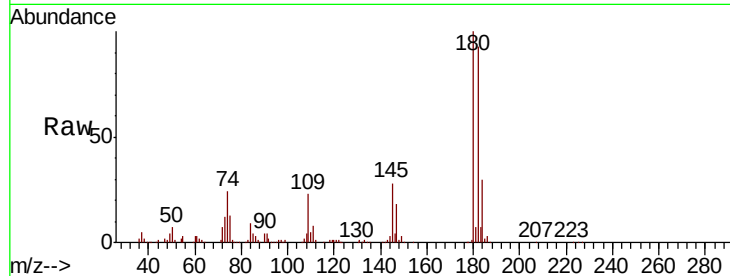




#93
 1,2,4-Trichlorobenzene
 Concen: 20.014 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005094.D
 Acq: 06 Oct 2018 04:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.8	143.4
145	28.4	14.1	42.4

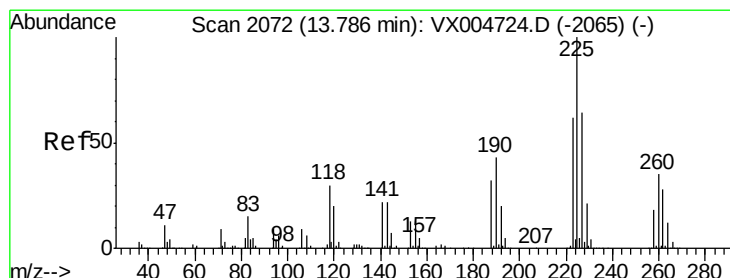
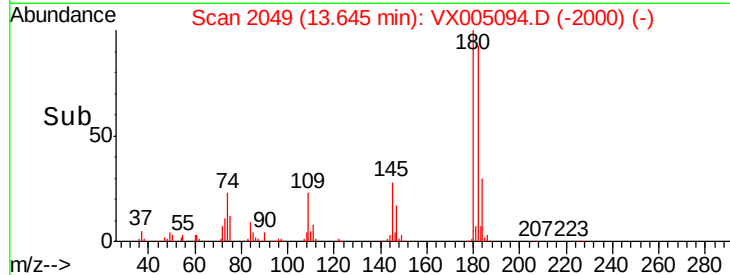
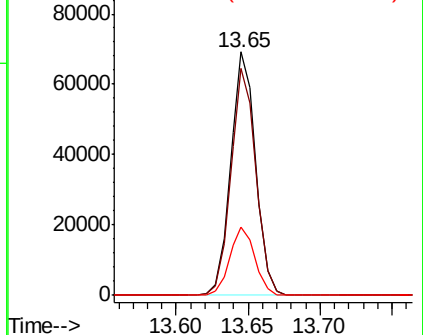


Abundance

Ion 179.80 (179.50 to 180.50): V

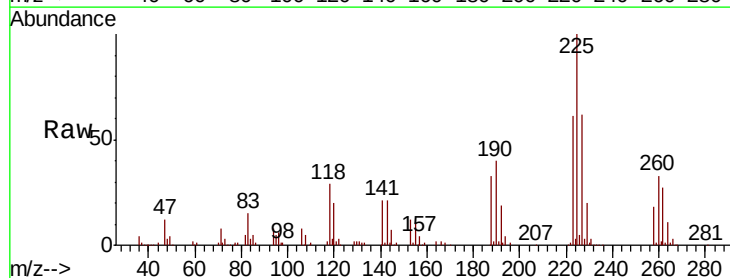
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.755 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005094.D
 Acq: 06 Oct 2018 04:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.3	93.8
227	62.5	31.9	95.5

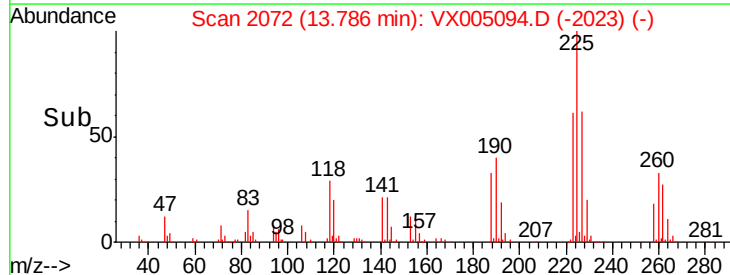
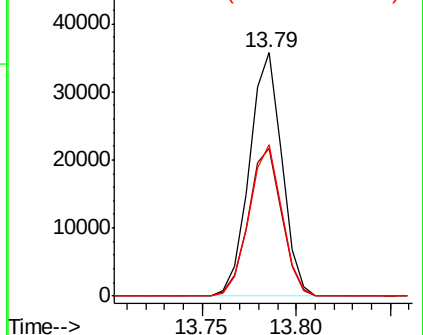


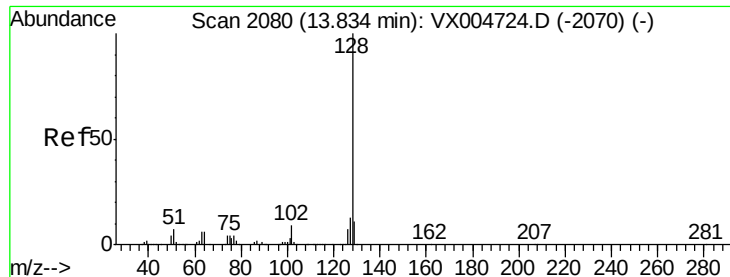
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.037 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

Instrument :

MSVOA_X

ClientSampleId :

VX1005WBS02

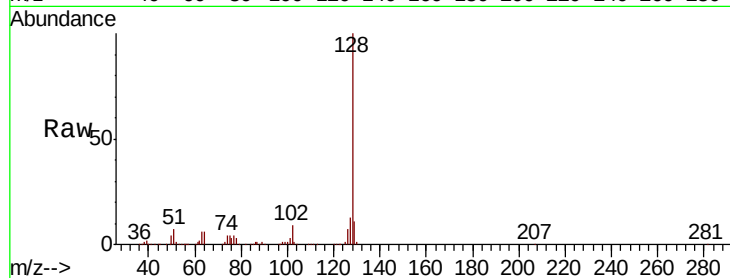
Tot Ion:128 Resp: 257911

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

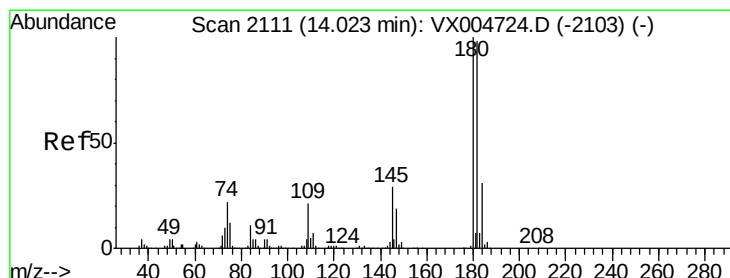
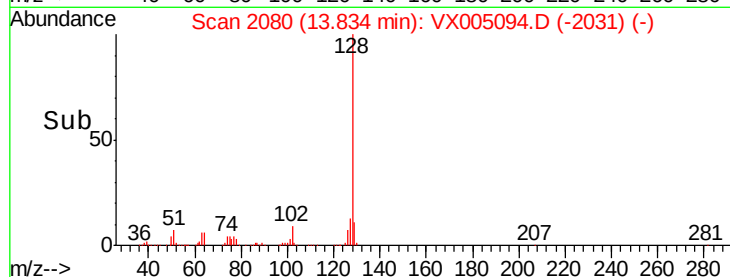
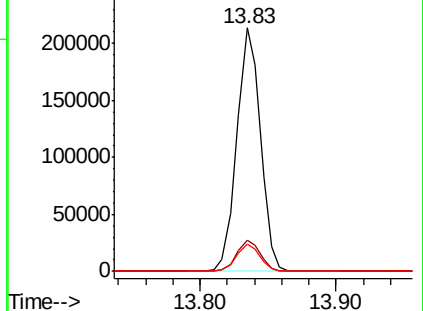
129 11.0 8.7 13.1



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: 20.359 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005094.D

Acq: 06 Oct 2018 04:39

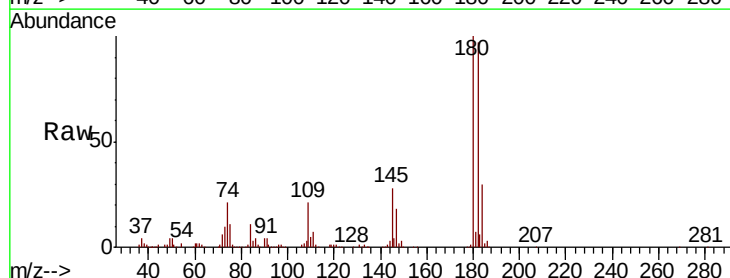
Tgt Ion:180 Resp: 87935

Ion Ratio Lower Upper

180 100

182 95.1 47.9 143.8

145 29.4 15.0 45.0



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

