

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101018\
 Data File : VX005252.D
 Acq On : 11 Oct 2018 13:28
 Operator : JC/MD
 Sample : VX1010WBS09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS09

Quant Time: Oct 11 14:25:31 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	5.67	168	219587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	311237	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	299838	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	168481	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	137493	43.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.66%	
35) Dibromofluoromethane	5.50	113	112121	42.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.02%	
50) Toluene-d8	8.72	98	408390	46.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.14%	
62) 4-Bromofluorobenzene	11.14	95	154631	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	57138	19.08	ug/l	98
3) Chloromethane	1.32	50	60568	16.67	ug/l	99
4) Vinyl Chloride	1.40	62	62633	18.38	ug/l	98
5) Bromomethane	1.64	94	20823	10.31	ug/l	94
6) Chloroethane	1.72	64	38287	19.19	ug/l	97
7) Trichlorofluoromethane	1.93	101	81791	19.39	ug/l	91
8) Diethyl Ether	2.19	74	32291	17.62	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	44538	18.54	ug/l	98
10) Methyl Iodide	2.51	142	22535	7.01	ug/l	91
11) Tert butyl alcohol	3.08	59	77555	88.42	ug/l	99
12) 1,1-Dichloroethene	2.37	96	43436	18.26	ug/l	98
13) Acrolein	2.29	56	38216	61.24	ug/l	92
14) Allyl chloride	2.73	41	99958	19.25	ug/l	96
15) Acrylonitrile	3.15	53	175756	91.03	ug/l	96
16) Acetone	2.45	43	172137	94.00	ug/l	94
17) Carbon Disulfide	2.57	76	120754	16.89	ug/l	100
18) Methyl Acetate	2.78	43	100346	21.63	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	158845	19.35	ug/l	97
20) Methylene Chloride	2.85	84	50533	18.45	ug/l	# 84
21) trans-1,2-Dichloroethene	3.16	96	45704	17.55	ug/l	89
22) Diisopropyl ether	3.87	45	154602	17.69	ug/l	96
23) Vinyl Acetate	3.82	43	752466	94.03	ug/l	98
24) 1,1-Dichloroethane	3.70	63	93762	17.98	ug/l	99
25) 2-Butanone	4.71	43	229176	84.90	ug/l	97
26) 2,2-Dichloropropane	4.59	77	67026	18.46	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	47802	16.43	ug/l	92
28) Bromochloromethane	5.02	49	35554	14.48	ug/l	99
29) Tetrahydrofuran	5.16	42	150250	89.55	ug/l	97
30) Chloroform	5.21	83	84997	17.25	ug/l	99
31) Cyclohexane	5.57	56	68449	17.15	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	71625	17.80	ug/l	97
36) 1,1-Dichloropropene	5.80	75	59151	16.44	ug/l	95
37) Ethyl Acetate	4.87	43	81135	16.98	ug/l	99
38) Carbon Tetrachloride	5.78	117	62859	16.62	ug/l	95

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

39) Methylcyclohexane	7.46	83	64099	17.44	ug/l	87
40) Benzene	6.14	78	185917	16.50	ug/l	95
41) Methacrylonitrile	5.06	41	44213	16.69	ug/l #	96
42) 1,2-Dichloroethane	6.20	62	67959	17.06	ug/l	98
43) Isopropyl Acetate	6.47	43	114742	16.64	ug/l	96
44) Trichloroethene	7.21	130	48464	17.50	ug/l	99
45) 1,2-Dichloropropane	7.52	63	50497	18.28	ug/l	96
46) Dibromomethane	7.66	93	32335	18.62	ug/l	98
47) Bromodichloromethane	7.90	83	61824	19.02	ug/l	99
48) Methyl methacrylate	7.78	41	60514	19.34	ug/l	100
49) 1,4-Dioxane	7.76	88	25298	325.37	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	421756	97.15	ug/l	98
52) Toluene	8.79	92	116575	18.83	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	67227	18.30	ug/l	94
54) cis-1,3-Dichloropropene	8.44	75	73652	19.14	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	49442	18.23	ug/l	96
56) Ethyl methacrylate	9.18	69	71199	18.12	ug/l	97
57) 1,3-Dichloropropane	9.37	76	80860	17.92	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	171194	83.33	ug/l	99
59) 2-Hexanone	9.50	43	332734	91.97	ug/l	94
60) Dibromochloromethane	9.59	129	49911	18.40	ug/l	99
61) 1,2-Dibromoethane	9.67	107	50969	17.55	ug/l	95
64) Tetrachloroethene	9.34	164	46290	15.69	ug/l	96
65) Chlorobenzene	10.14	112	132305	17.21	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	47887	17.72	ug/l	99
67) Ethyl Benzene	10.26	91	212896	17.44	ug/l	96
68) m/p-Xylenes	10.36	106	170781	35.80	ug/l	95
69) o-Xylene	10.70	106	80092	18.28	ug/l	100
70) Styrene	10.71	104	136820	18.12	ug/l	99
71) Bromoform	10.86	173	40855	17.65	ug/l #	96
73) Isopropylbenzene	11.02	105	220270	20.74	ug/l	99
74) N-amyl acetate	10.90	43	104989	19.11	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	80830	18.70	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	91051	24.11	ug/l	83
77) Bromobenzene	11.26	156	62038	20.11	ug/l	98
78) n-propylbenzene	11.36	91	258678	21.23	ug/l	99
79) 2-Chlorotoluene	11.42	91	154164	20.30	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	188840	19.28	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	21272	16.74	ug/l	98
82) 4-Chlorotoluene	11.51	91	182507	20.42	ug/l	100
83) tert-Butylbenzene	11.77	119	185697	21.24	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	197408	19.55	ug/l	98
85) sec-Butylbenzene	11.94	105	224292	21.06	ug/l	99
86) p-Isopropyltoluene	12.07	119	204609	21.21	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	113301	19.67	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	114459	19.25	ug/l	98
89) n-Butylbenzene	12.39	91	179625	20.50	ug/l	100
90) Hexachloroethane	12.60	117	32735	20.38	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	114054	18.95	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18949	19.96	ug/l	98

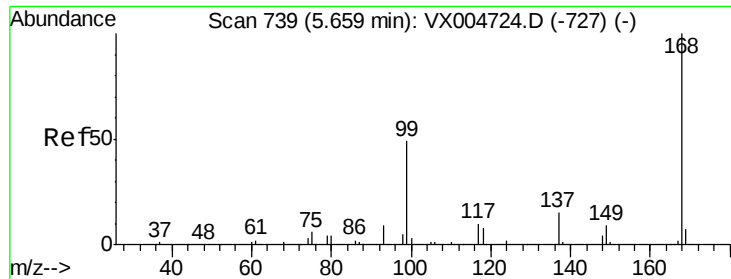
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX101018\
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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	86311	20.44	ug/l	100
94) Hexachlorobutadiene	13.79	225	42998	19.64	ug/l	100
95) Naphthalene	13.83	128	259873	19.00	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	89030	20.41	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Instrument :

MSVOA_X

ClientSampleId :

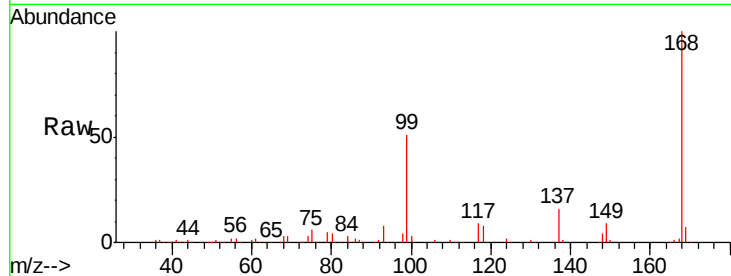
VX1010WBS09

Tgt Ion:168 Resp: 219587

Ion Ratio Lower Upper

168 100

99 50.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

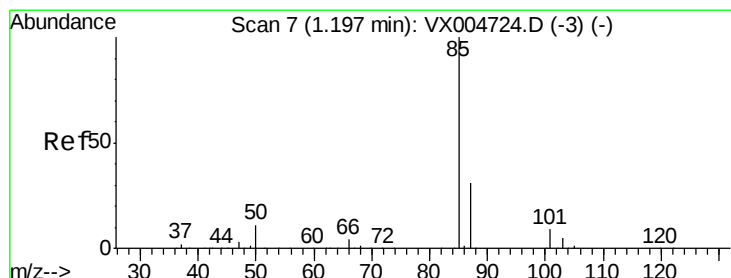
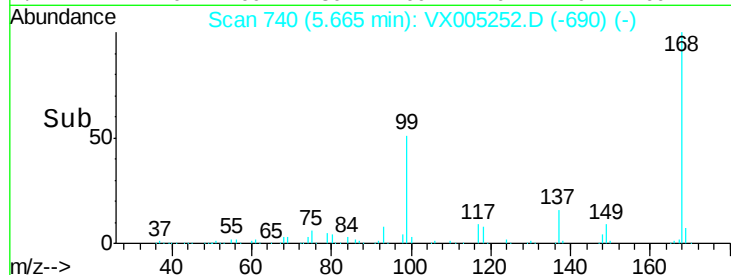
40000

20000

0

5.60 5.80 6.00

Time-->



#2

Dichlorodifluoromethane

Concen: 19.08 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX005252.D

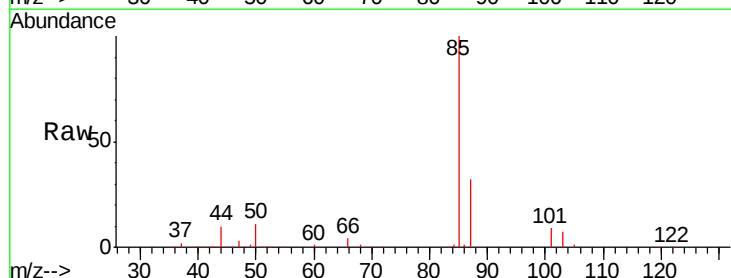
Acq: 11 Oct 2018 13:28

Tgt Ion: 85 Resp: 57138

Ion Ratio Lower Upper

85 100

87 32.2 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

30000

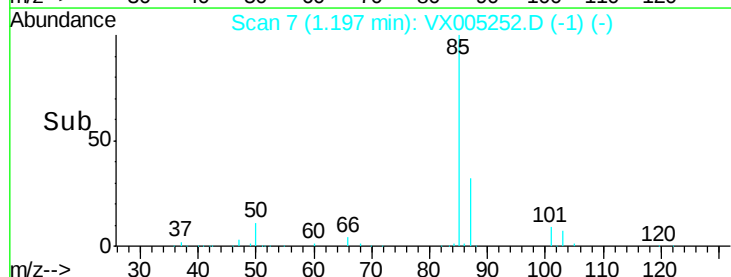
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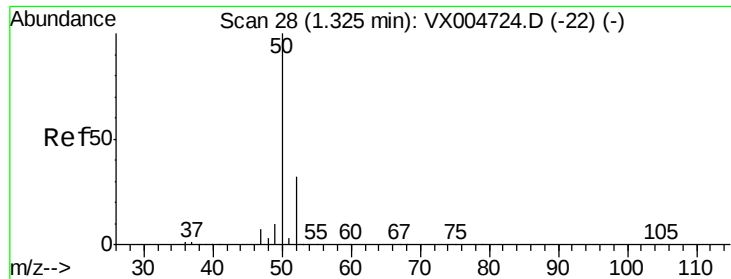
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 16.67 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Instrument :

MSVOA_X

ClientSampleId :

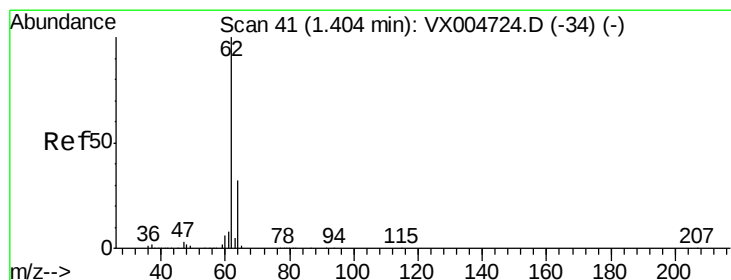
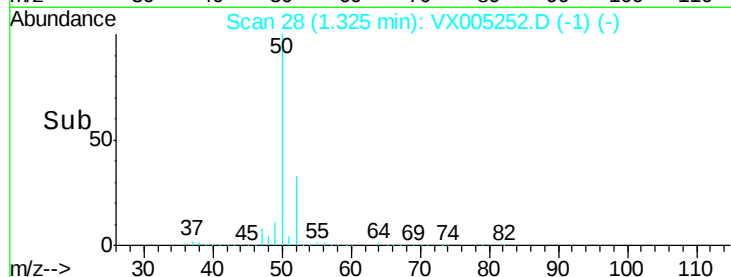
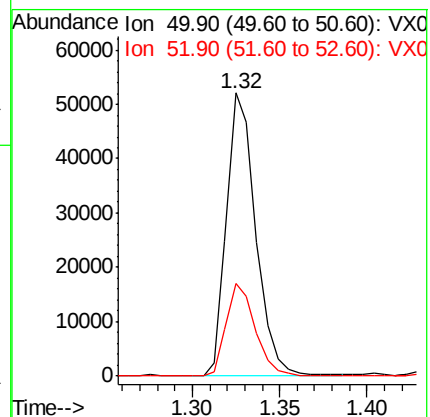
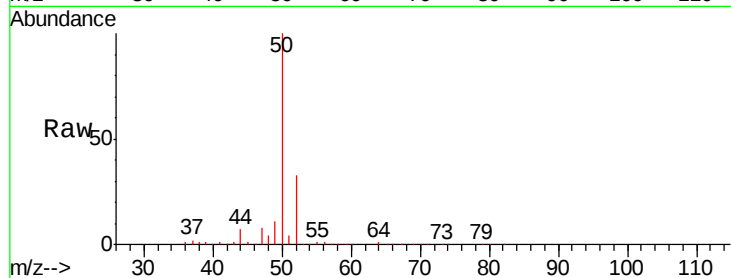
VX1010WBS09

Tgt Ion: 50 Resp: 60568

Ion Ratio Lower Upper

50 100

52 32.7 25.8 38.6



#4

Vinyl Chloride

Concen: 18.38 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005252.D

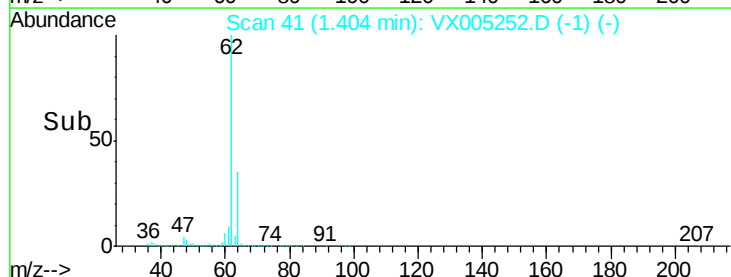
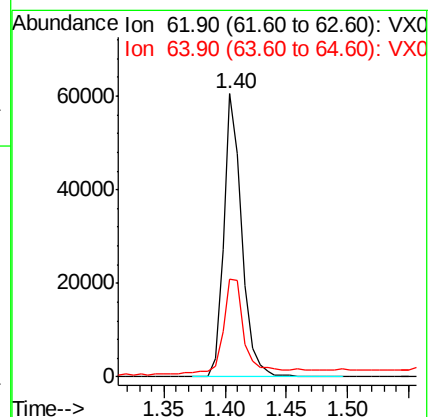
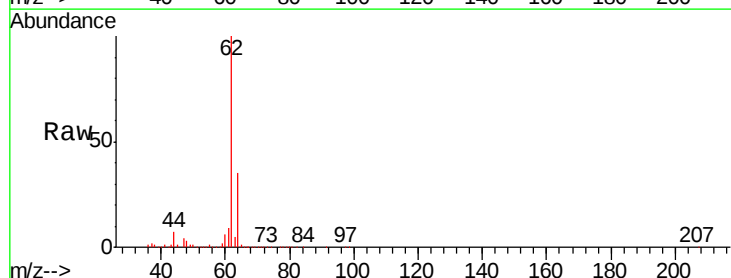
Acq: 11 Oct 2018 13:28

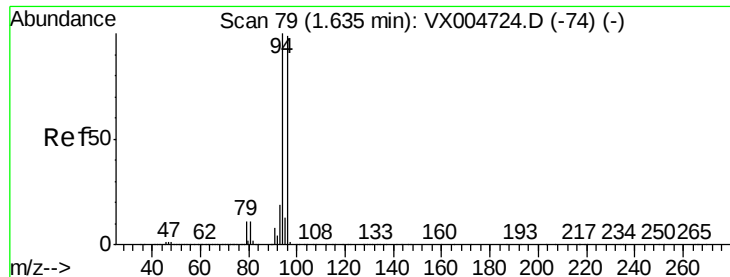
Tgt Ion: 62 Resp: 62633

Ion Ratio Lower Upper

62 100

64 33.1 25.5 38.3





#5

Bromomethane

Concen: 10.31 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Instrument :

MSVOA_X

ClientSampleId :

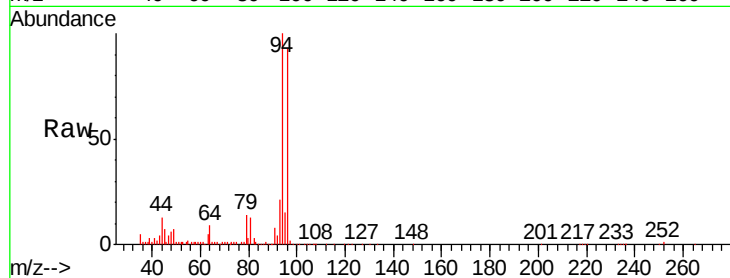
VX1010WBS09

Tgt Ion: 94 Resp: 20823

Ion Ratio Lower Upper

94 100

96 93.3 79.5 119.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

25000

20000

15000

10000

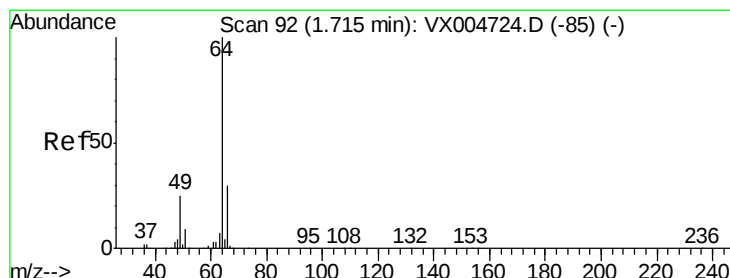
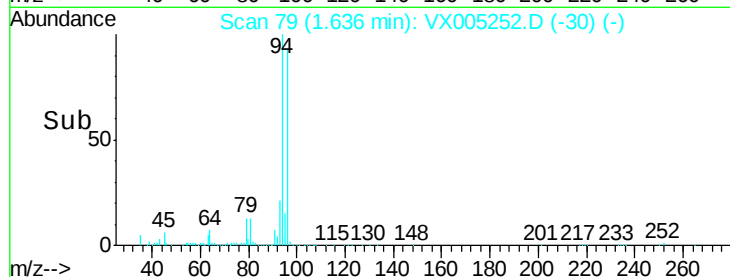
5000

0

Time-->

1.55 1.60 1.65 1.70

1.64



#6

Chloroethane

Concen: 19.19 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005252.D

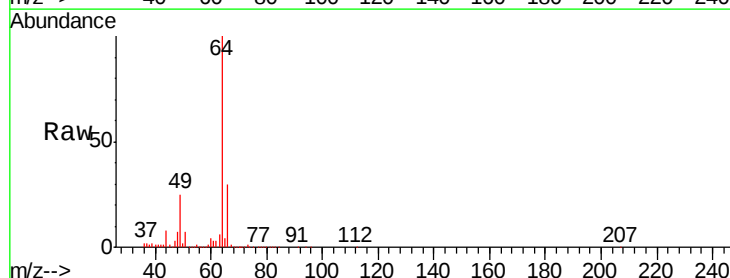
Acq: 11 Oct 2018 13:28

Tgt Ion: 64 Resp: 38287

Ion Ratio Lower Upper

64 100

66 31.4 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

30000

25000

20000

15000

10000

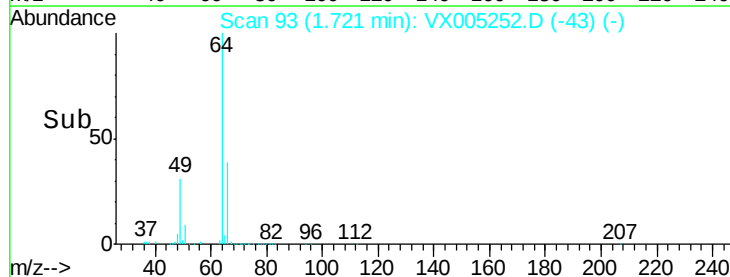
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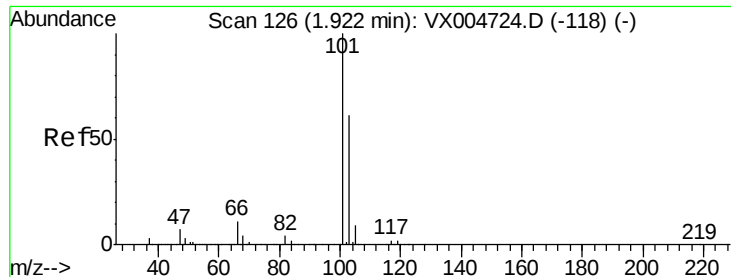
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Time-->

1.65 1.70 1.75 1.80

1.72



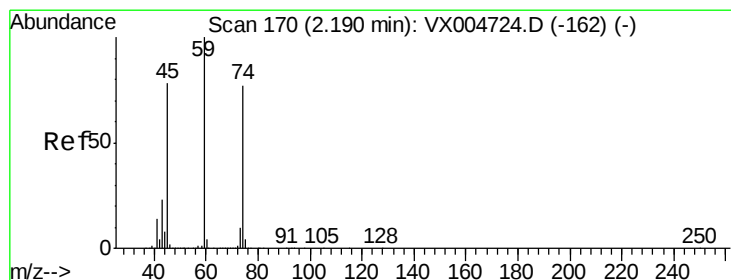
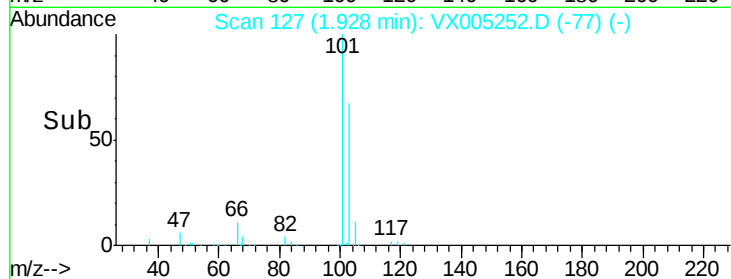
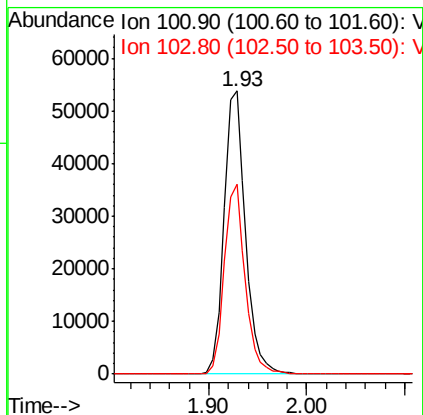
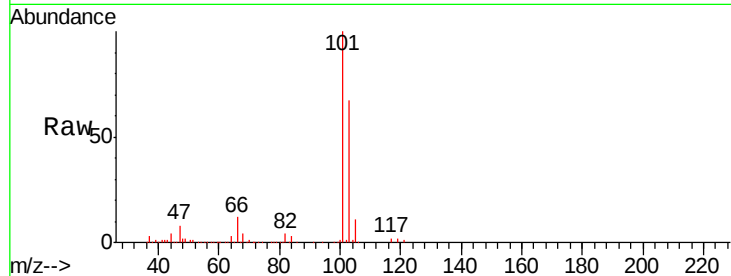


#7

Trichlorofluoromethane
Concen: 19.39 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS09

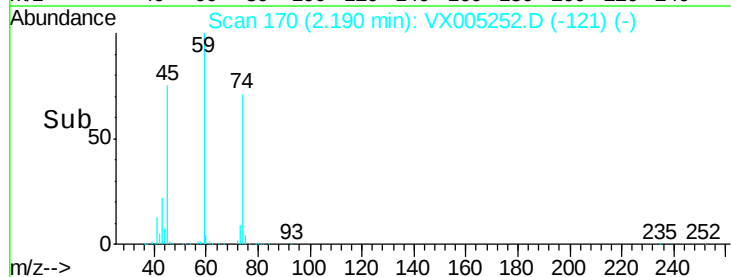
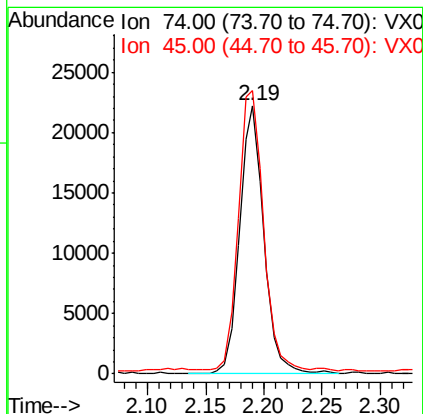
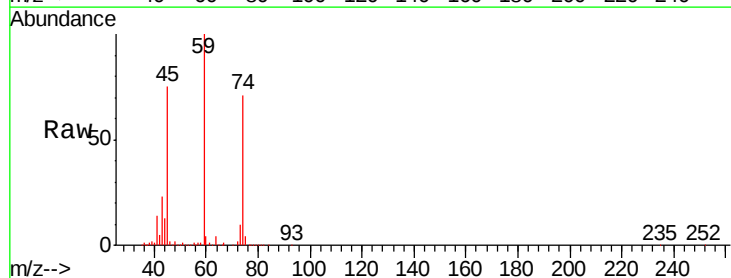
Tgt Ion:101 Resp: 81791
Ion Ratio Lower Upper
101 100
103 67.0 48.4 72.6

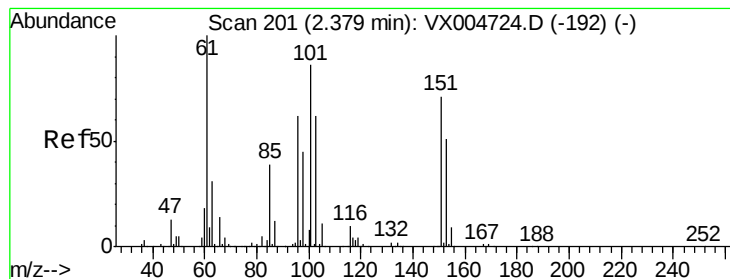


#8

Diethyl Ether
Concen: 17.62 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

Tgt Ion: 74 Resp: 32291
Ion Ratio Lower Upper
74 100
45 108.4 52.5 157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.54 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS09

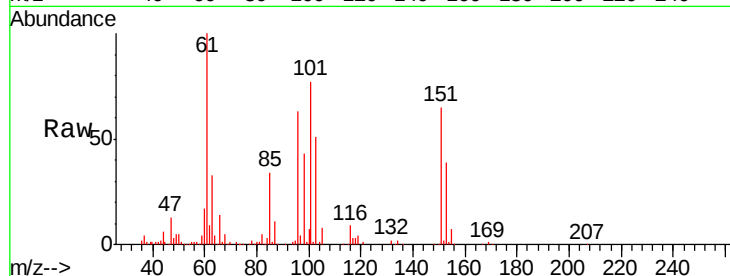
Tgt Ion:101 Resp: 44538

Ion Ratio Lower Upper

101 100

85 45.0 35.9 53.9

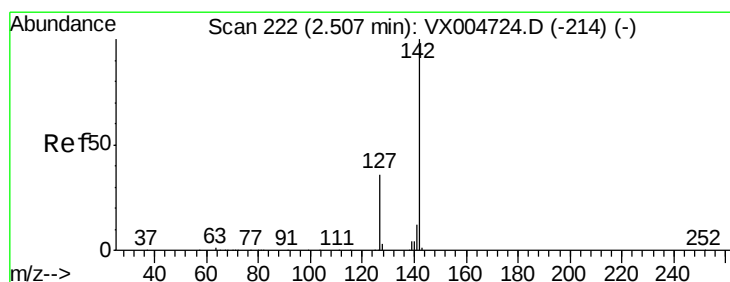
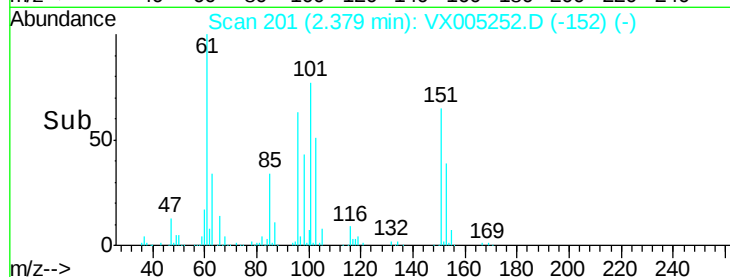
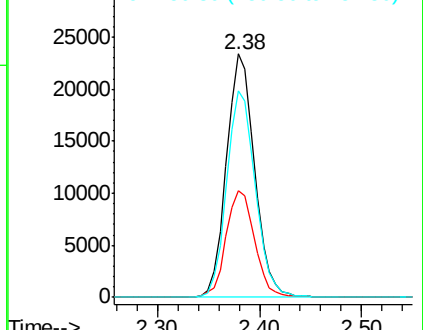
151 86.4 66.6 100.0



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: 7.01 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

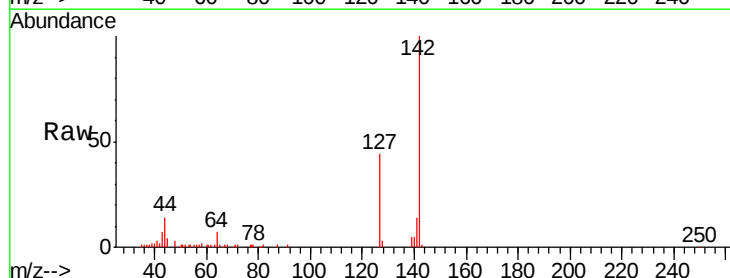
Tgt Ion:142 Resp: 22535

Ion Ratio Lower Upper

142 100

127 44.2 30.1 45.1

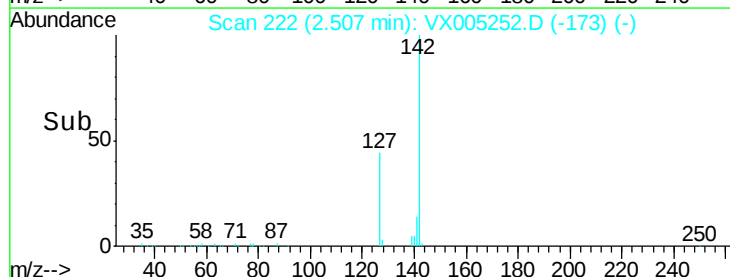
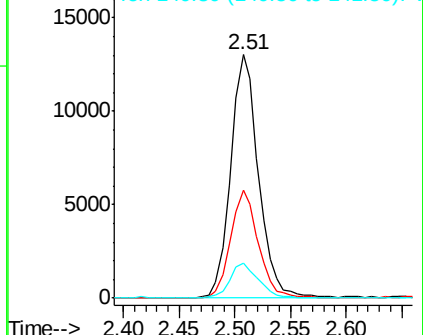
141 14.6 10.1 15.1

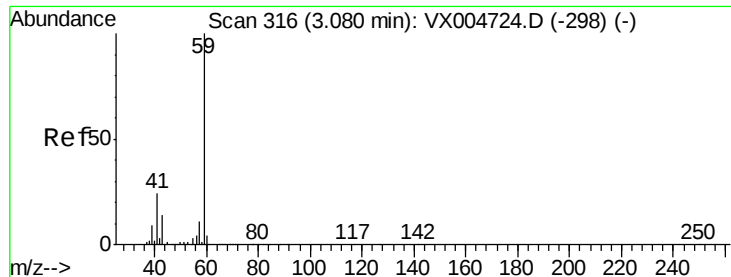


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



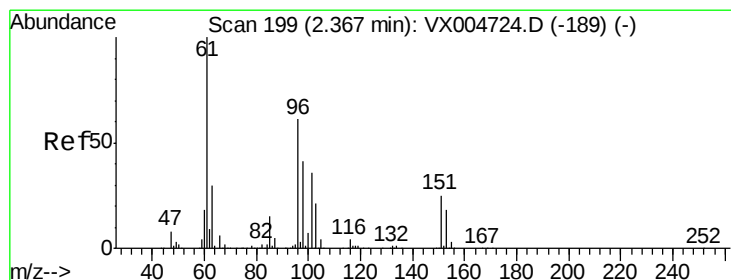
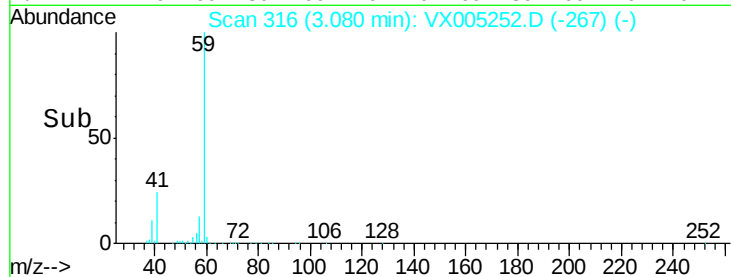
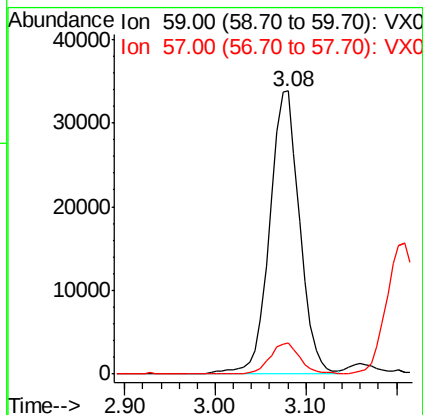
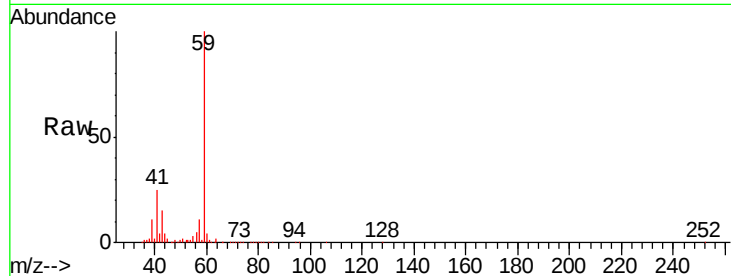


#11

Tert butyl alcohol
 Concen: 88.42 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX005252.D
 Acq: 11 Oct 2018 13:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS09

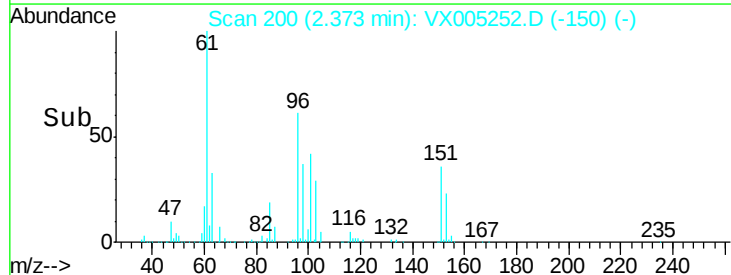
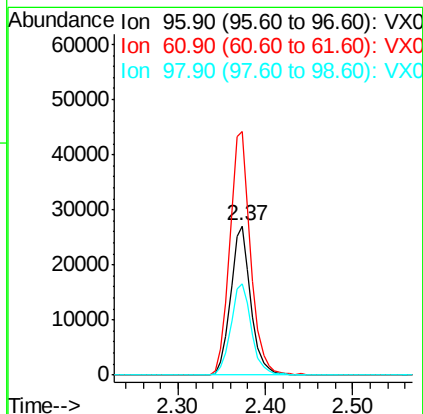
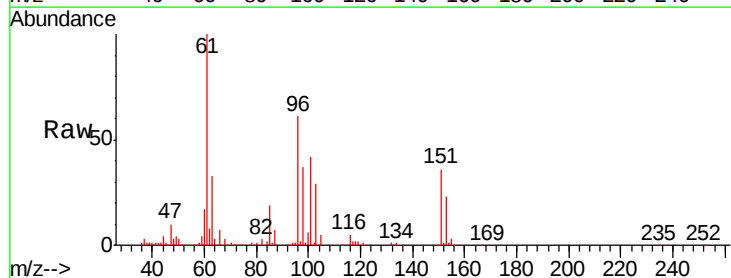
Tgt Ion: 59 Resp: 77555
 Ion Ratio Lower Upper
 59 100
 57 11.0 8.6 12.8

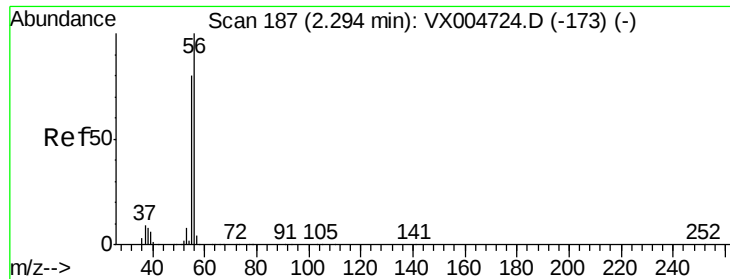


#12

1,1-Dichloroethene
 Concen: 18.26 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX005252.D
 Acq: 11 Oct 2018 13:28

Tgt Ion: 96 Resp: 43436
 Ion Ratio Lower Upper
 96 100
 61 163.1 130.2 195.4
 98 61.1 53.4 80.0





#13

Acrolein

Concen: 61.24 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Instrument :

MSVOA_X

ClientSampleId :

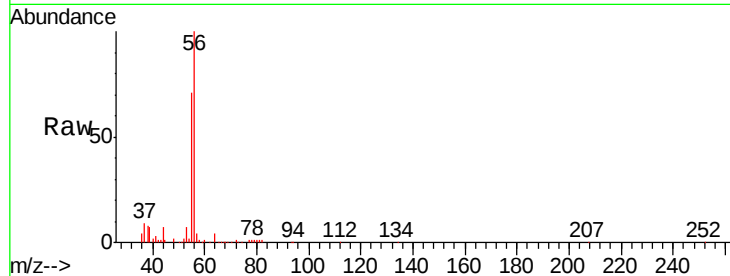
VX1010WBS09

Tgt Ion: 56 Resp: 38216

Ion Ratio Lower Upper

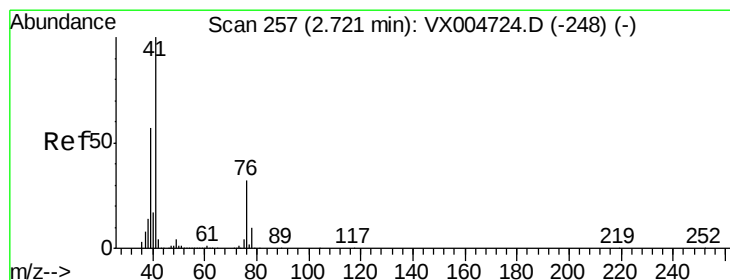
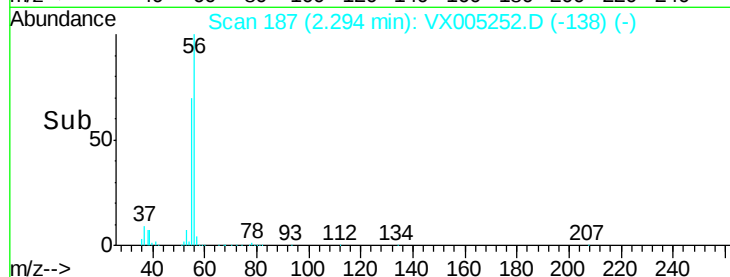
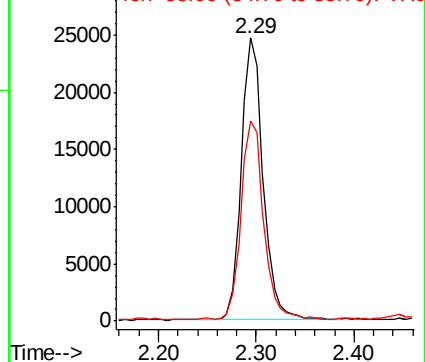
56 100

55 71.9 63.4 95.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.25 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

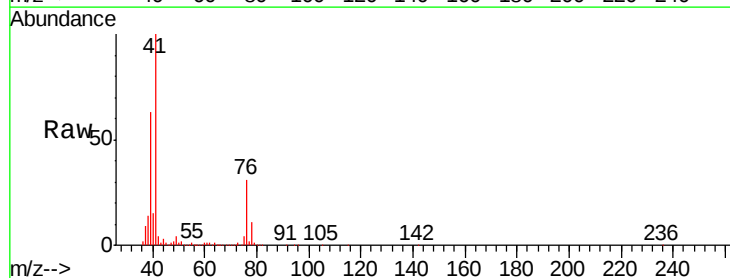
Tgt Ion: 41 Resp: 99958

Ion Ratio Lower Upper

41 100

39 57.0 44.1 66.1

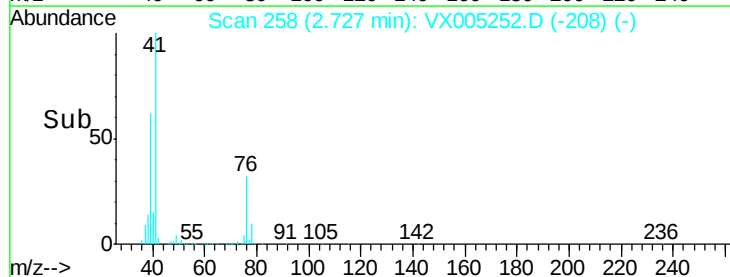
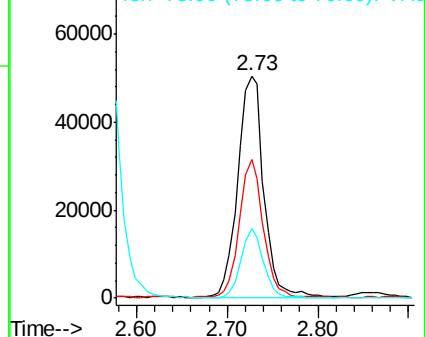
76 27.1 25.0 37.4

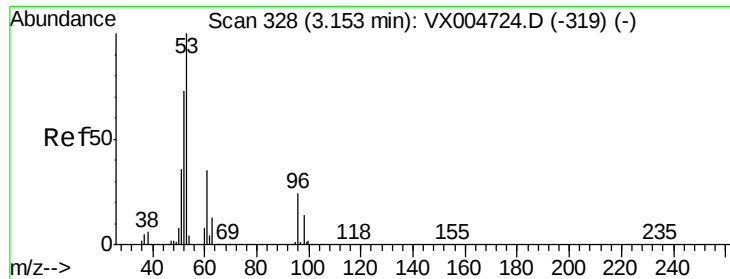


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 91.03 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS09

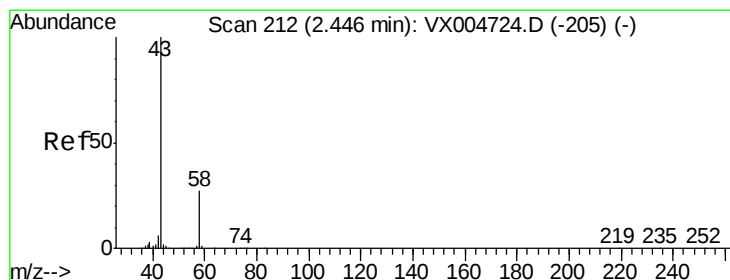
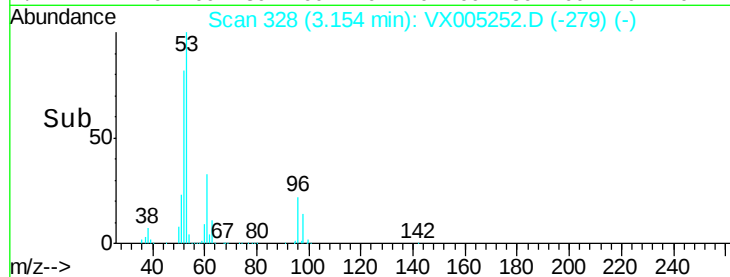
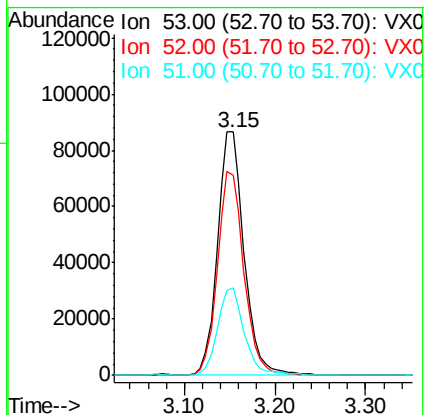
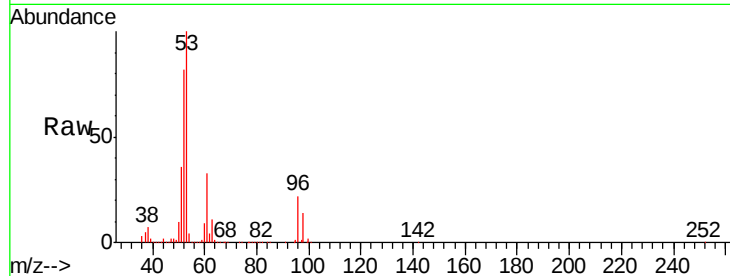
Tgt Ion: 53 Resp: 175756

Ion Ratio Lower Upper

53 100

52 83.4 63.0 94.4

51 36.2 28.6 42.8



#16

Acetone

Concen: 94.00 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005252.D

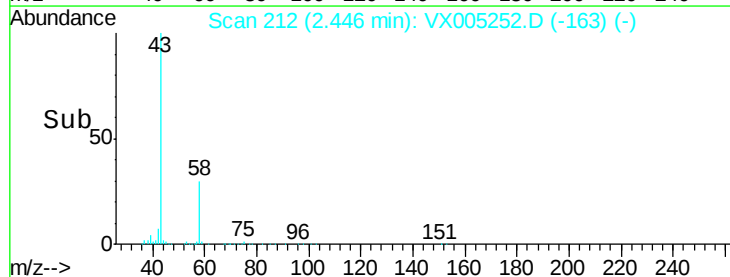
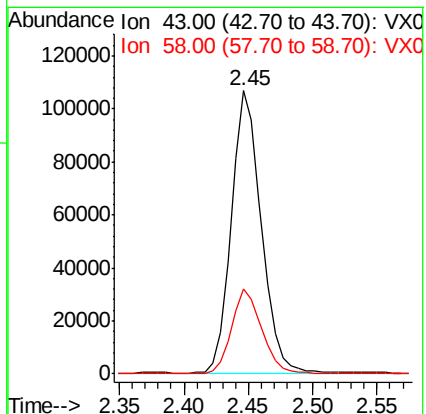
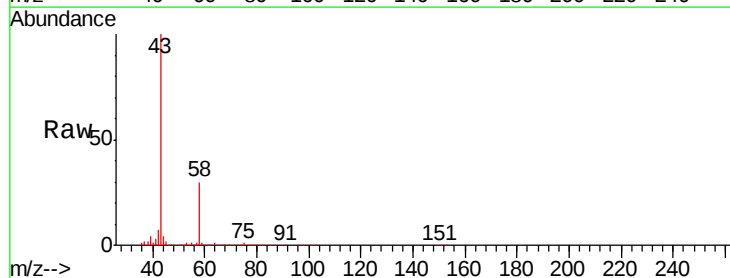
Acq: 11 Oct 2018 13:28

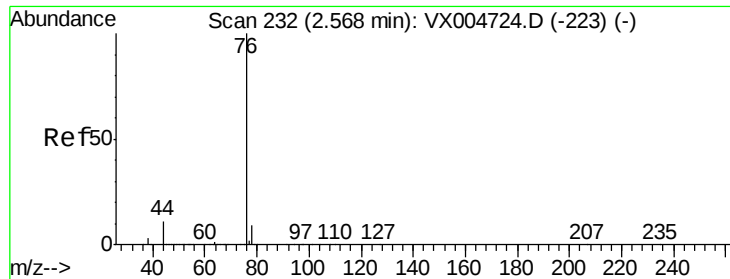
Tgt Ion: 43 Resp: 172137

Ion Ratio Lower Upper

43 100

58 30.2 21.8 32.6

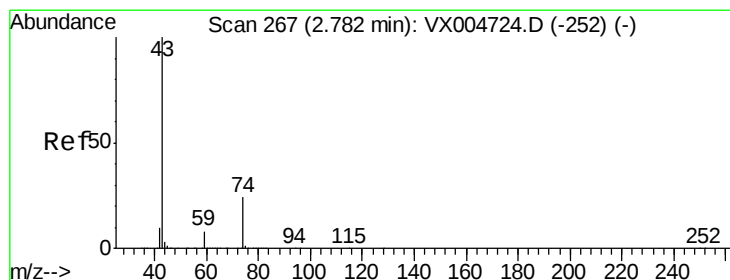
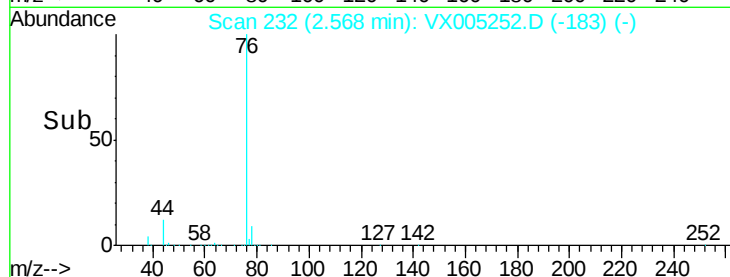
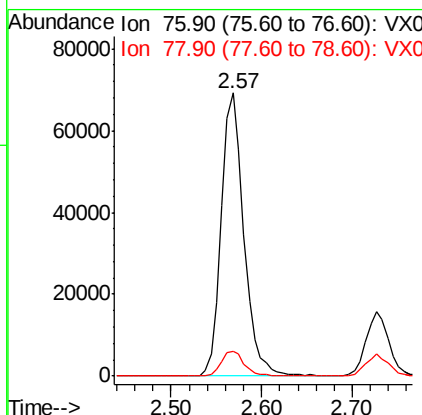
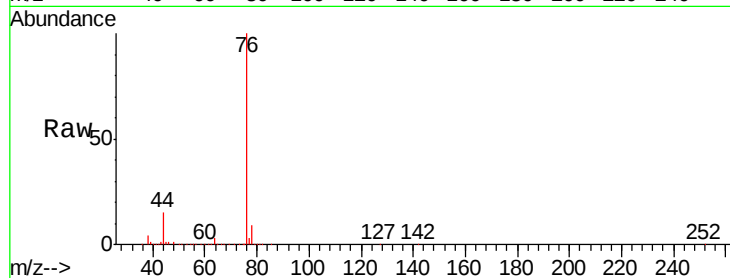




#17
Carbon Disulfide
Concen: 16.89 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

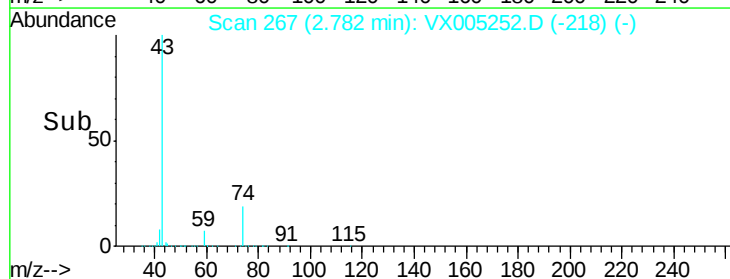
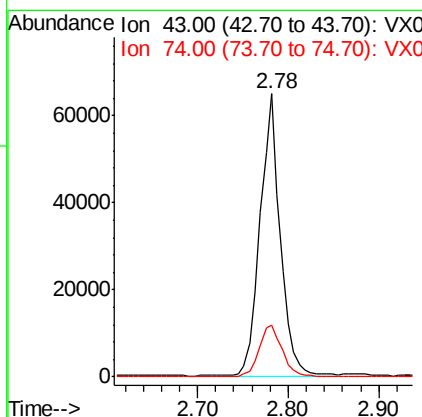
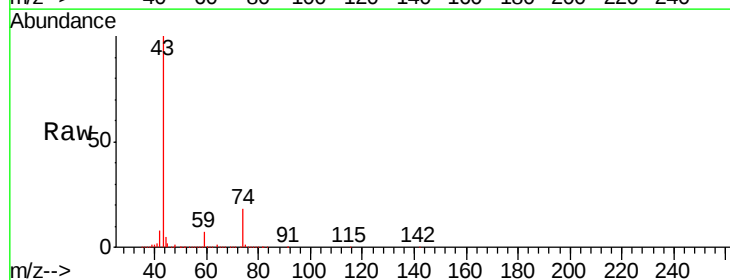
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS09

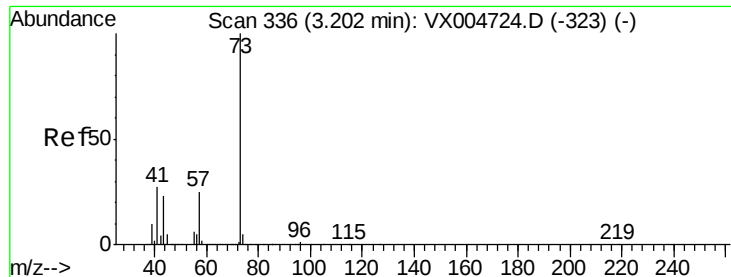
Tgt Ion: 76 Resp: 120754
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.6



#18
Methyl Acetate
Concen: 21.63 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

Tgt Ion: 43 Resp: 100346
Ion Ratio Lower Upper
43 100
74 20.5 17.8 26.8





#19

Methyl tert-butyl Ether

Concen: 19.35 ug/l

RT: 3.21 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Instrument :

MSVOA_X

ClientSampleId :

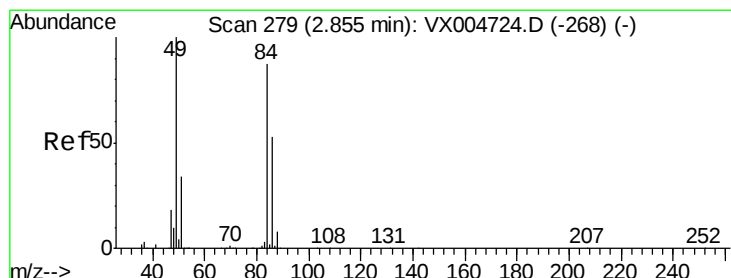
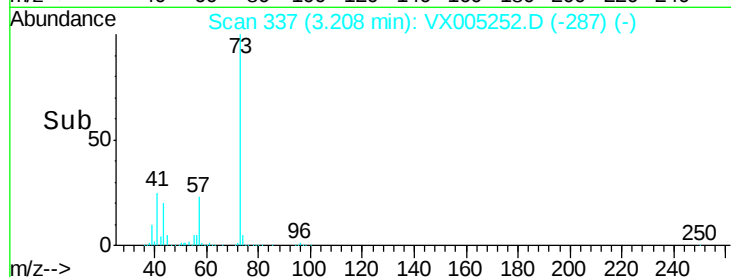
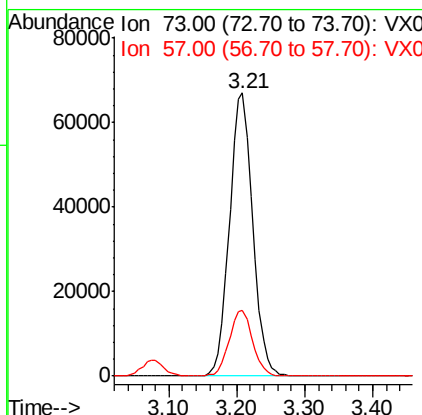
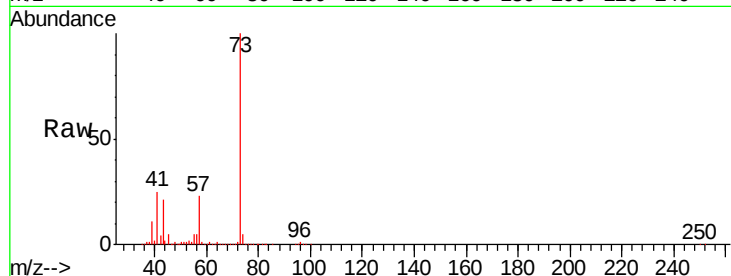
VX1010WBS09

Tgt Ion: 73 Resp: 158845

Ion Ratio Lower Upper

73 100

57 23.4 19.9 29.9



#20

Methylene Chloride

Concen: 18.45 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Tgt Ion: 84 Resp: 50533

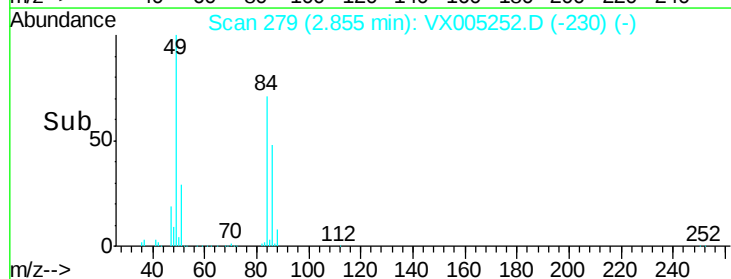
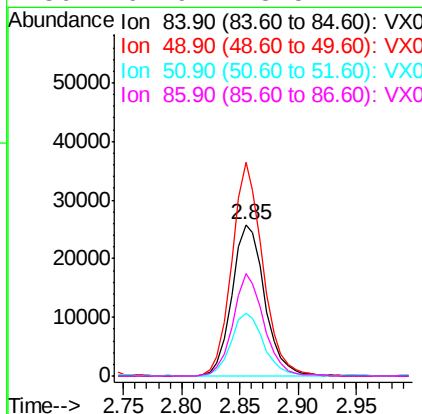
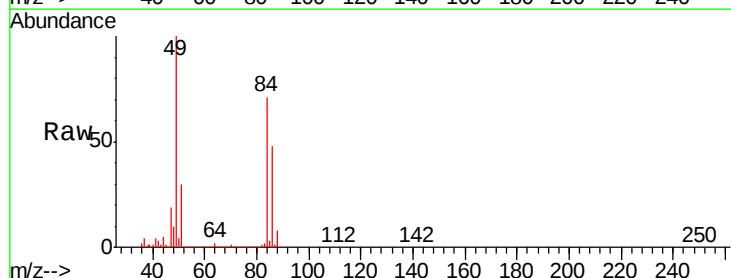
Ion Ratio Lower Upper

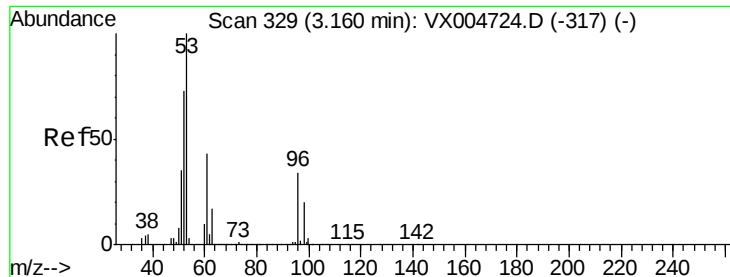
84 100

49 140.9 92.3 138.5#

51 41.7 31.8 47.6

86 67.9 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 17.55 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS09

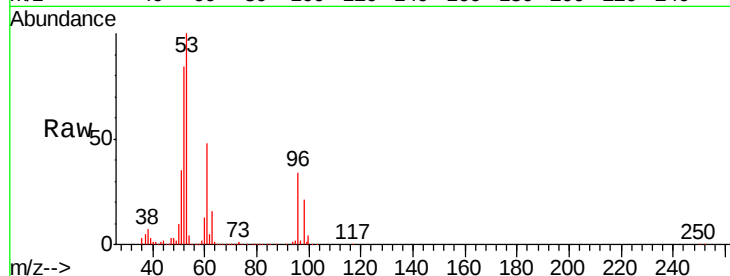
Tgt Ion: 96 Resp: 45704

Ion Ratio Lower Upper

96 100

61 142.7 101.0 151.6

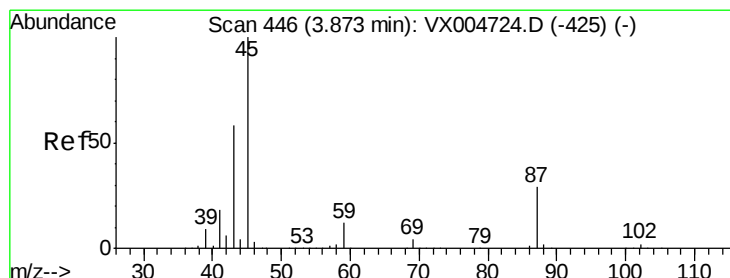
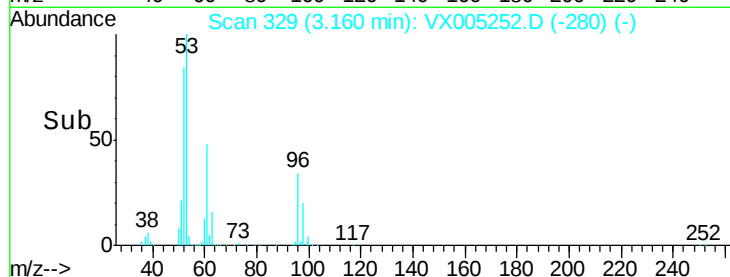
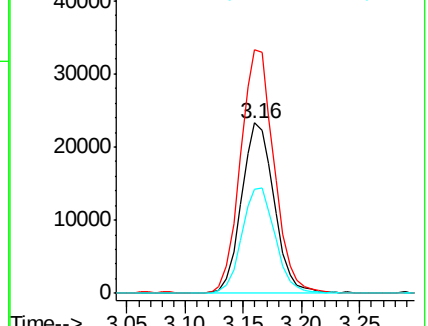
98 61.0 47.2 70.8



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: 17.69 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Tgt Ion: 45 Resp: 154602

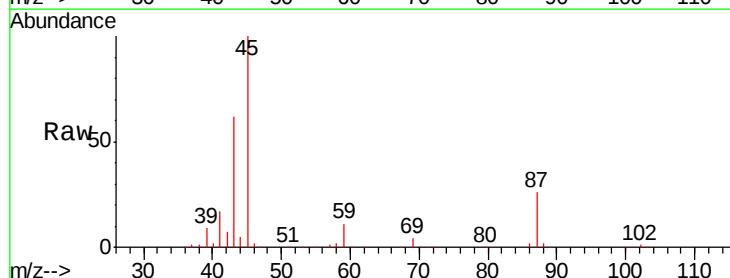
Ion Ratio Lower Upper

45 100

43 61.8 46.7 70.1

87 26.4 22.9 34.3

59 10.8 9.3 13.9

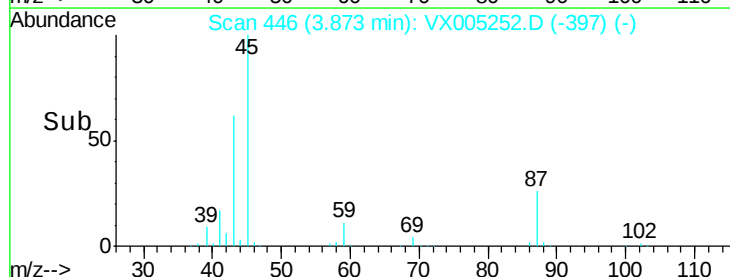
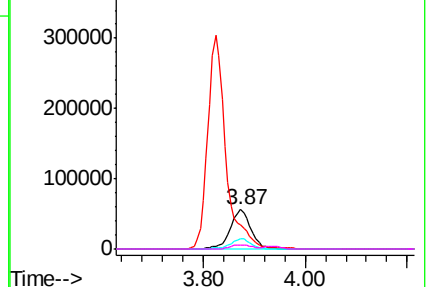


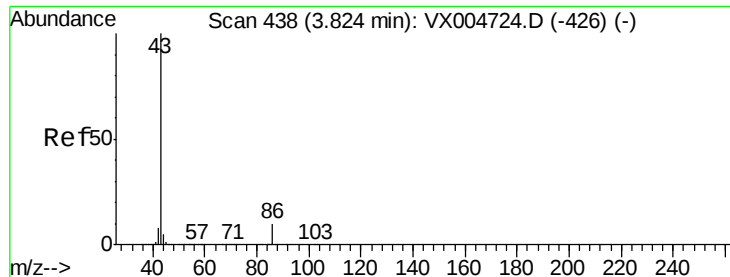
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 94.03 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Instrument :

MSVOA_X

ClientSampleId :

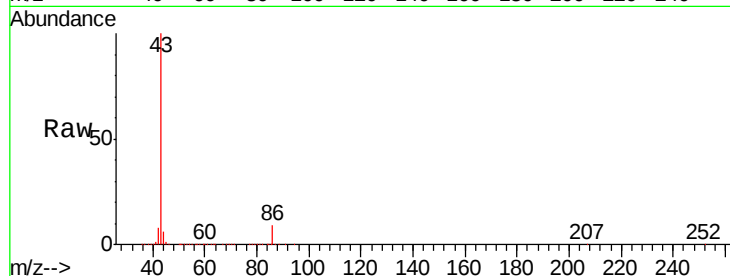
VX1010WBS09

Tgt Ion: 43 Resp: 752466

Ion Ratio Lower Upper

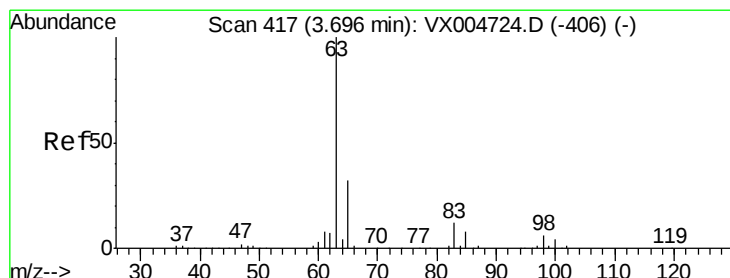
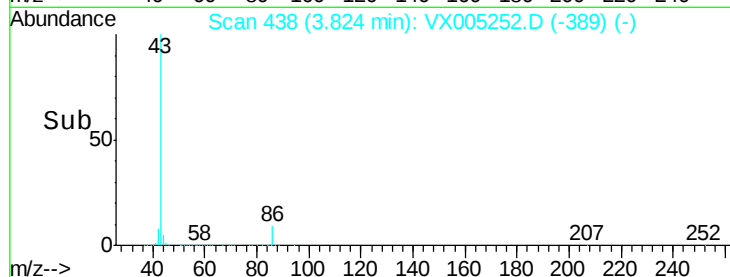
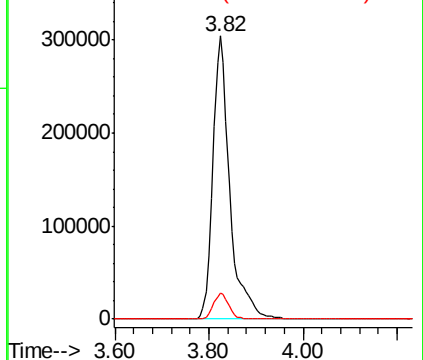
43 100

86 9.2 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: 17.98 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

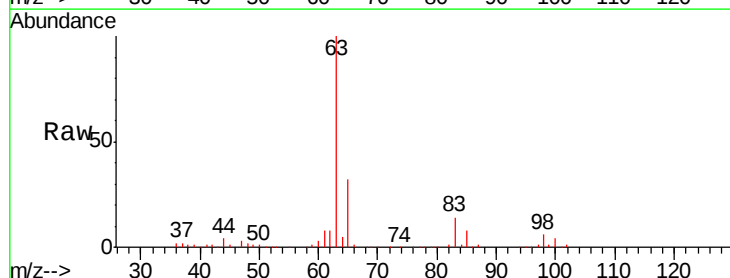
Tgt Ion: 63 Resp: 93762

Ion Ratio Lower Upper

63 100

98 6.5 3.0 9.2

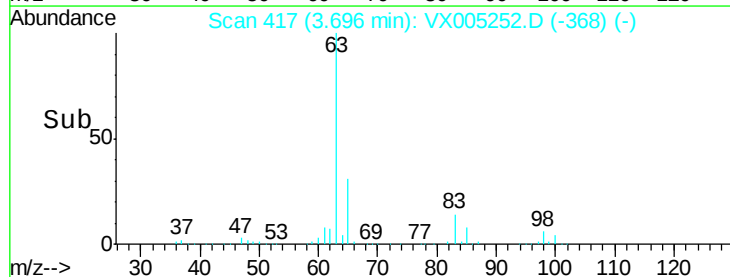
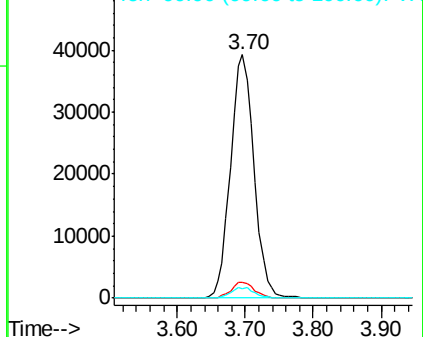
100 3.8 2.0 5.8

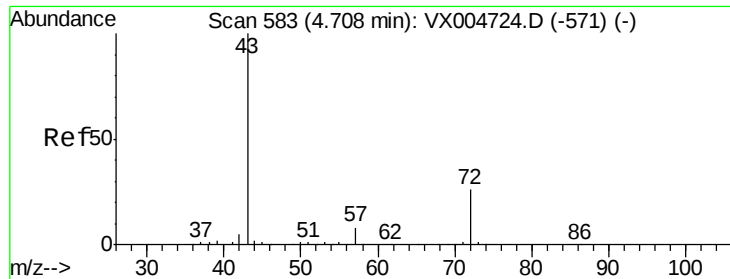


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 84.90 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

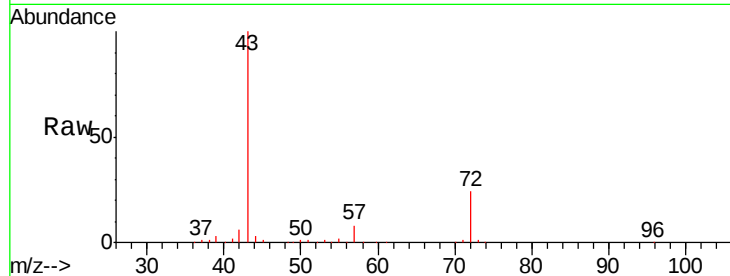
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS09

Tgt Ion: 43 Resp: 229176

Ion Ratio Lower Upper

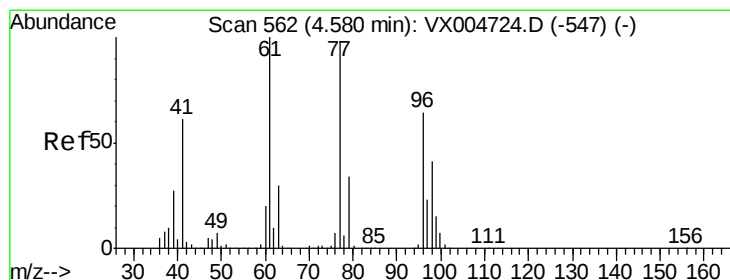
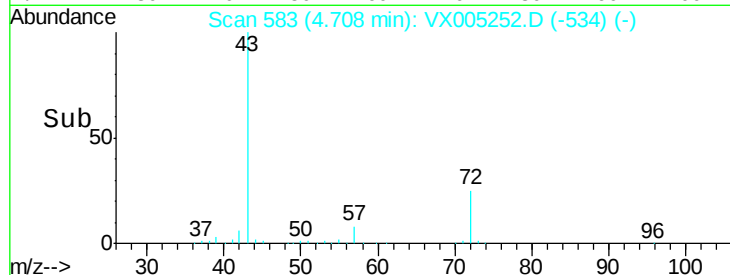
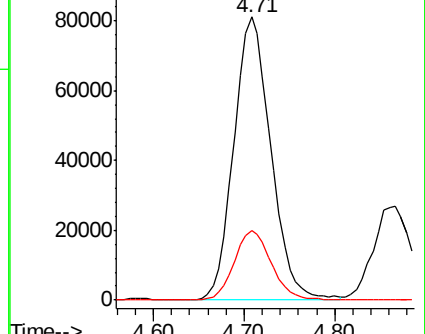
43 100

72 24.5 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.46 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005252.D

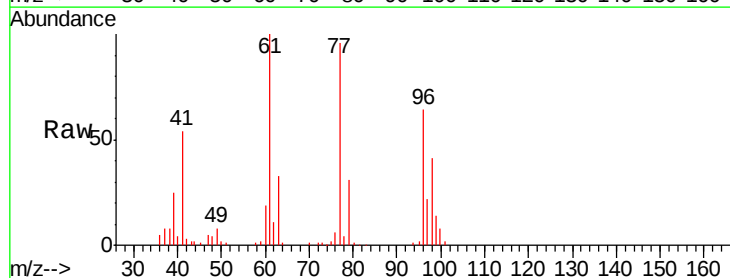
Acq: 11 Oct 2018 13:28

Tgt Ion: 77 Resp: 67026

Ion Ratio Lower Upper

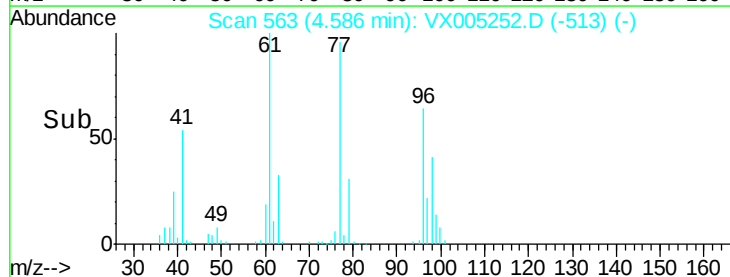
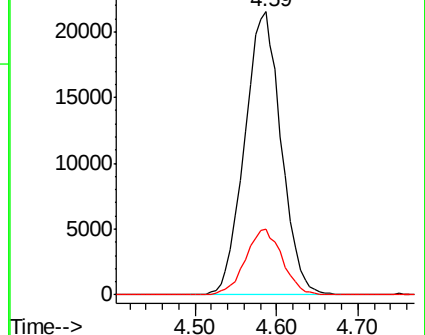
77 100

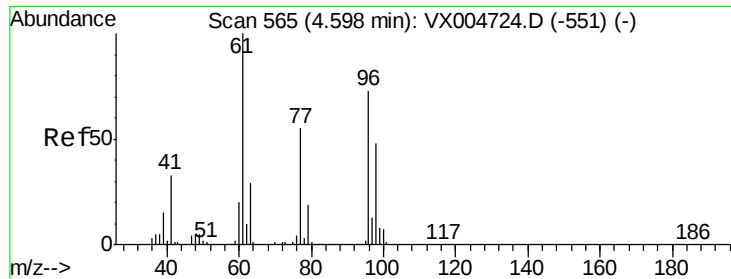
97 23.4 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 16.43 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS09

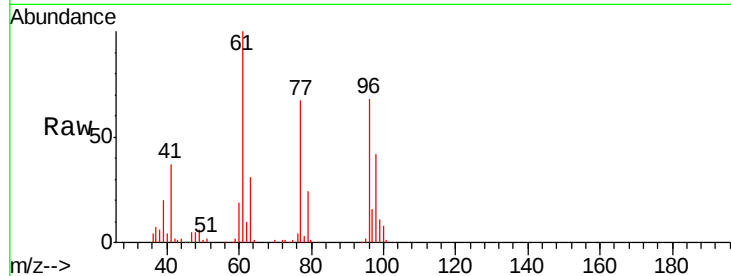
Tgt Ion: 96 Resp: 47802

Ion Ratio Lower Upper

96 100

61 155.3 0.0 285.8

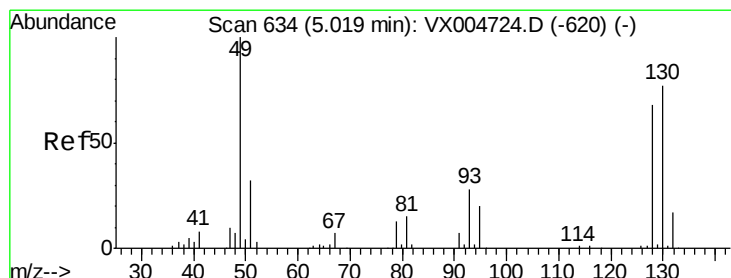
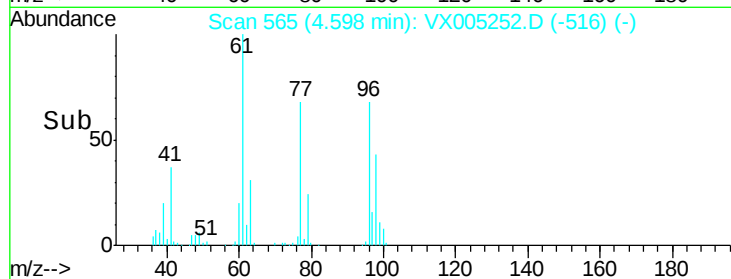
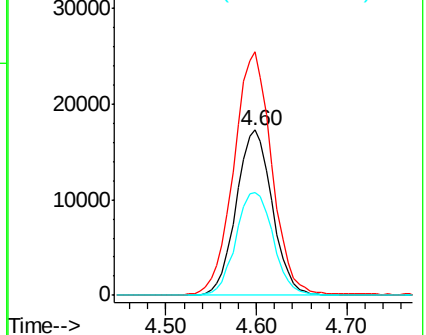
98 64.5 0.0 136.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 14.48 ug/l

RT: 5.02 min Scan# 634

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

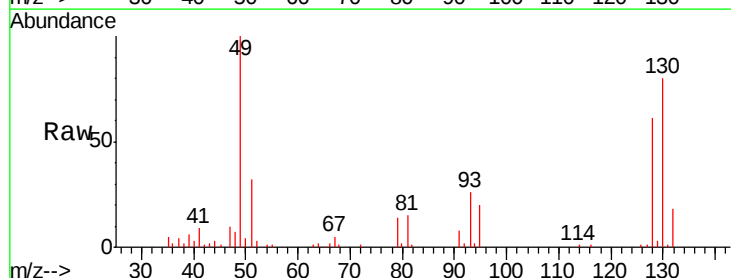
Tgt Ion: 49 Resp: 35554

Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.2

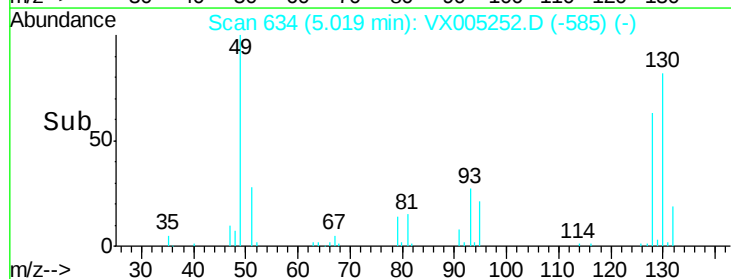
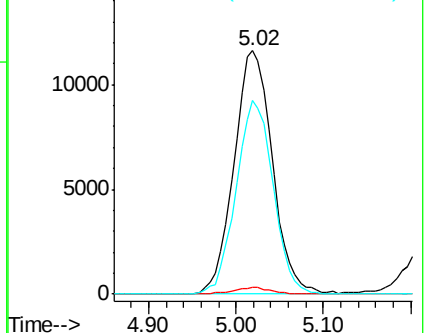
130 76.6 62.0 93.0

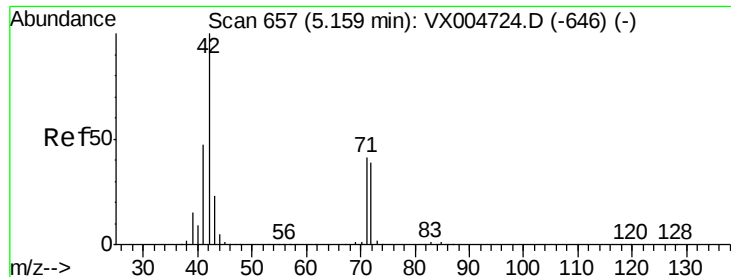


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 89.55 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS09

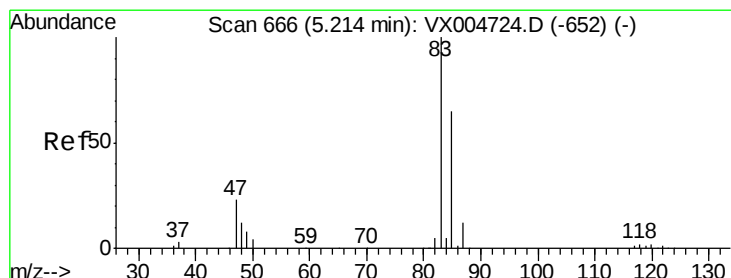
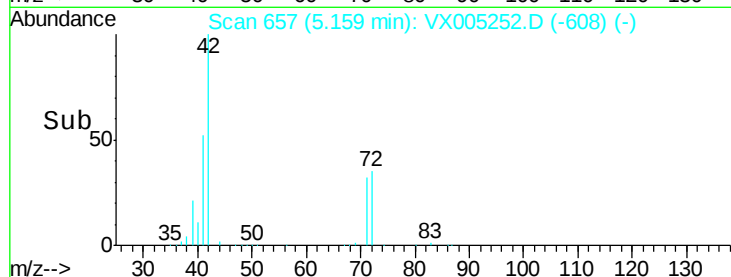
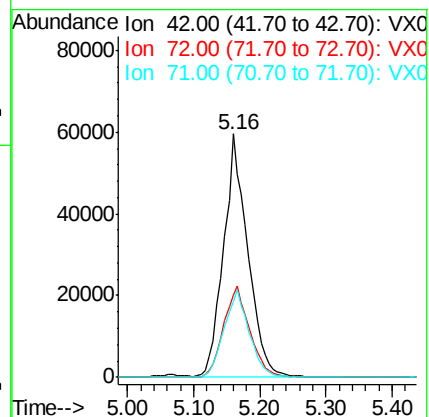
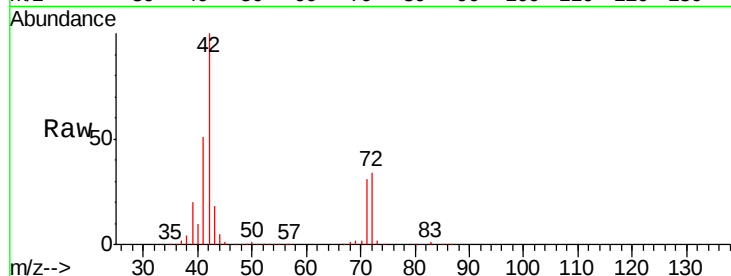
Tgt Ion: 42 Resp: 150250

Ion Ratio Lower Upper

42 100

72 40.7 33.7 50.5

71 37.7 32.2 48.4



#30

Chloroform

Concen: 17.25 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX005252.D

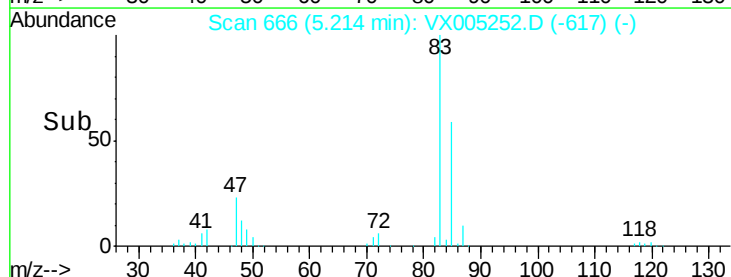
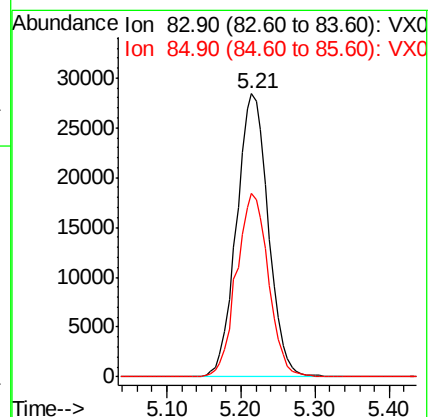
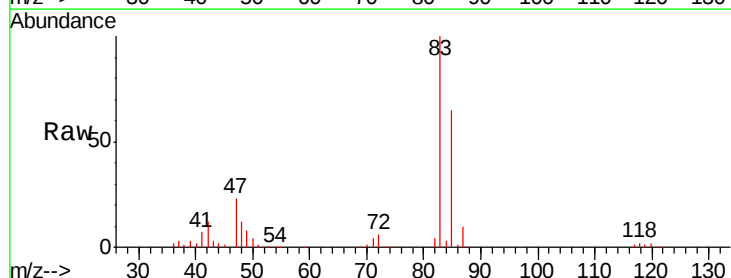
Acq: 11 Oct 2018 13:28

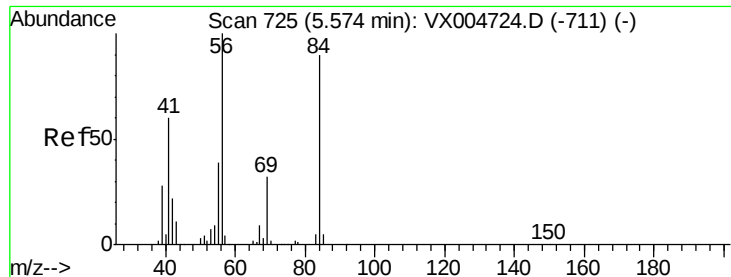
Tgt Ion: 83 Resp: 84997

Ion Ratio Lower Upper

83 100

85 64.8 52.4 78.6

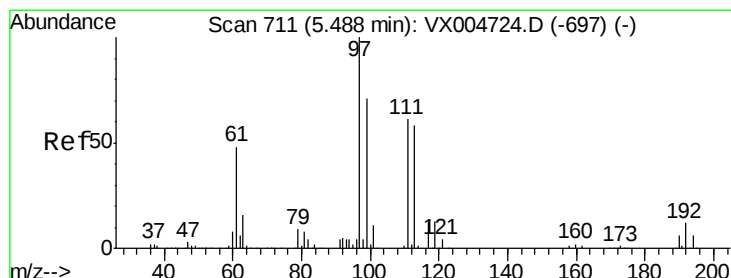
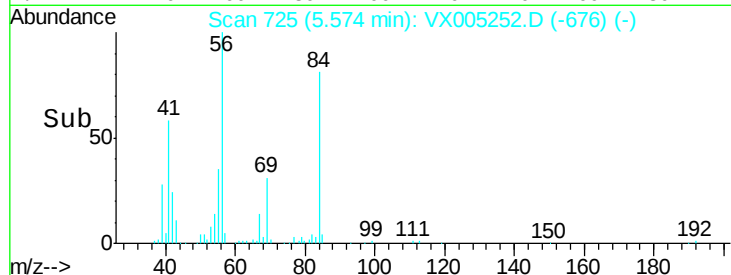
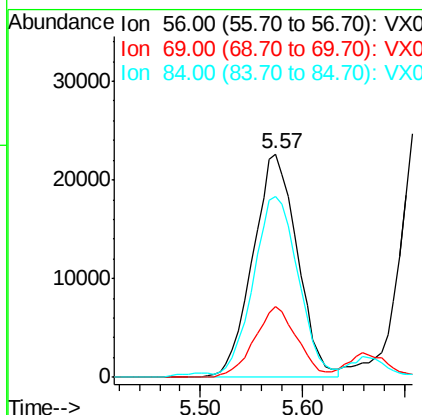
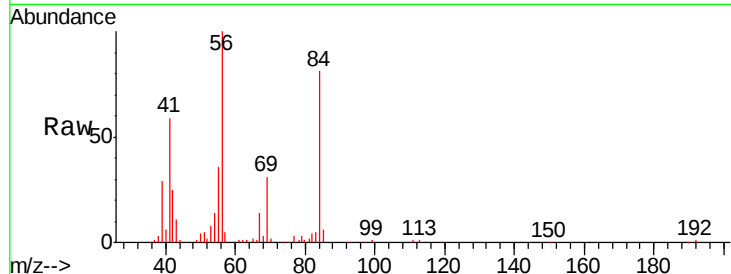




#31
Cyclohexane
Concen: 17.15 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

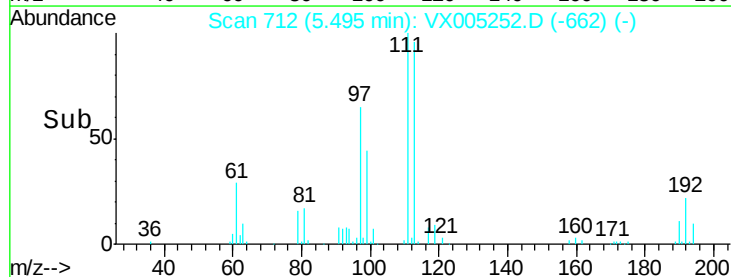
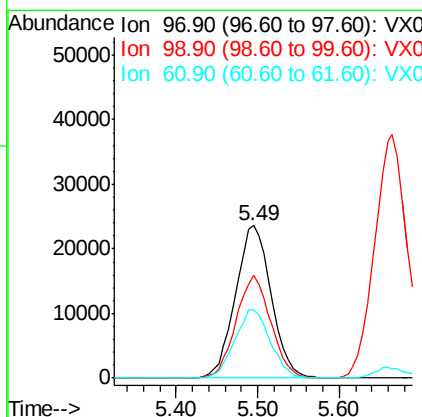
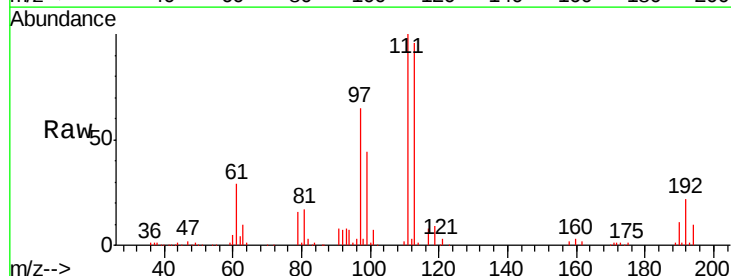
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS09

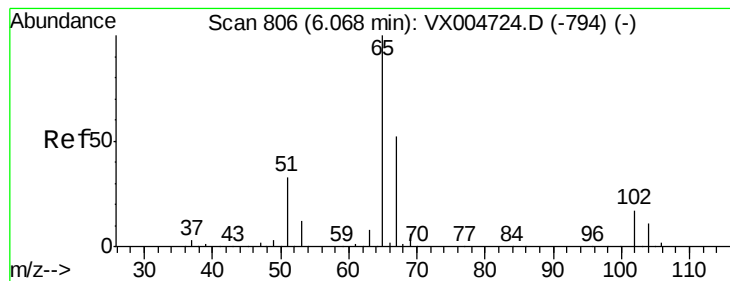
Tgt Ion: 56 Resp: 68449
Ion Ratio Lower Upper
56 100
69 31.5 25.9 38.9
84 79.6 71.9 107.9



#32
1,1,1-Trichloroethane
Concen: 17.80 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.01 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

Tgt Ion: 97 Resp: 71625
Ion Ratio Lower Upper
97 100
99 65.4 54.6 82.0
61 45.0 37.5 56.3





#33

1,2-Dichloroethane-d4

Concen: 43.83 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Instrument :

MSVOA_X

ClientSampleId :

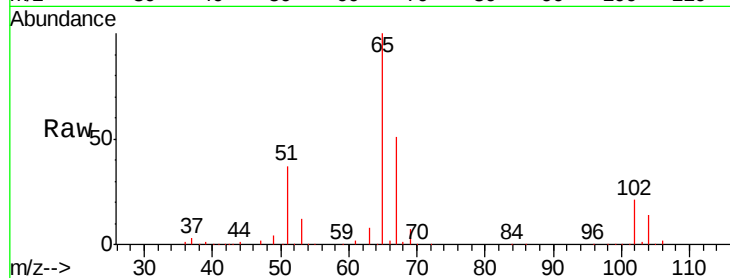
VX1010WBS09

Tgt Ion: 65 Resp: 137493

Ion Ratio Lower Upper

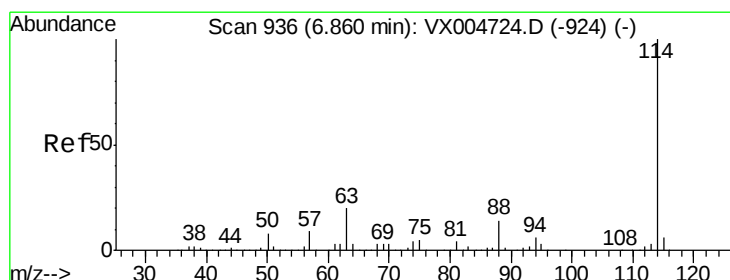
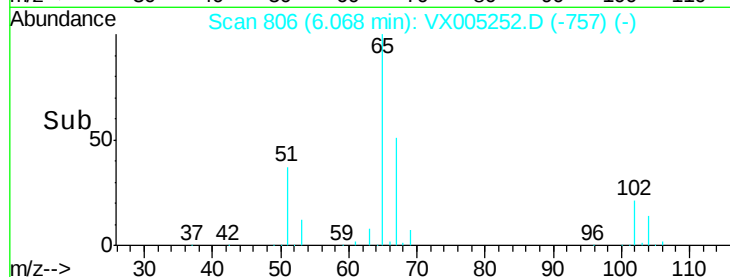
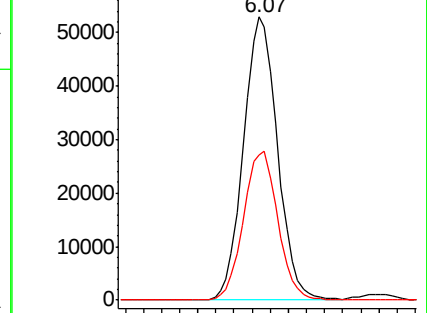
65 100

67 53.1 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 937

Delta R.T. 0.01 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

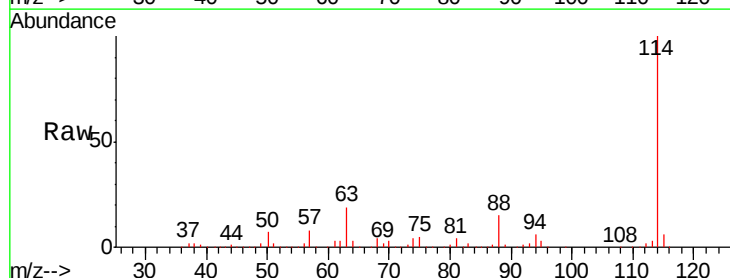
Tgt Ion: 114 Resp: 311237

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.8

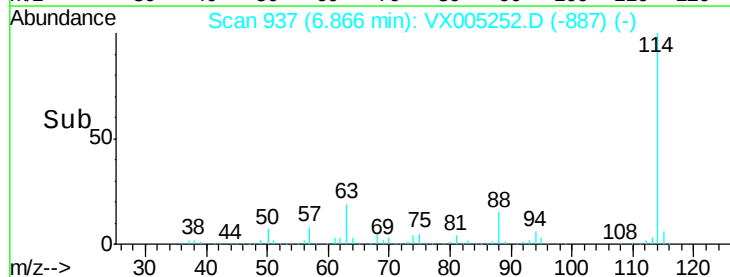
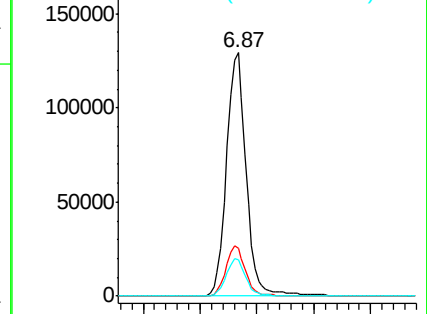
88 15.1 0.0 27.0

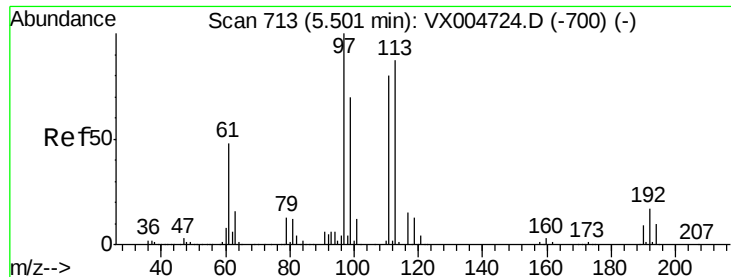


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 42.51 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS09

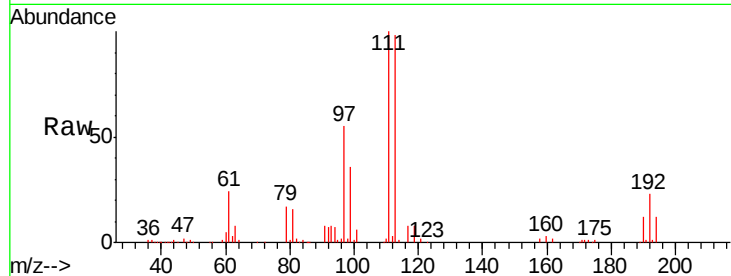
Tgt Ion:113 Resp: 112121

Ion Ratio Lower Upper

113 100

111 102.6 77.0 115.4

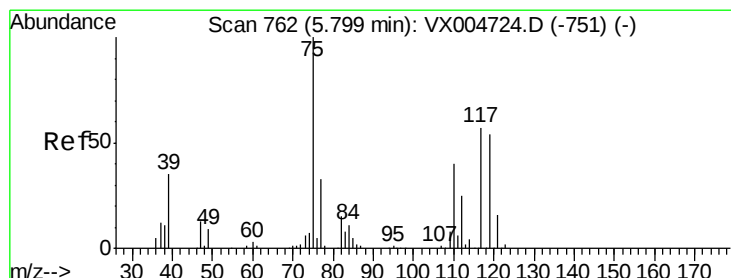
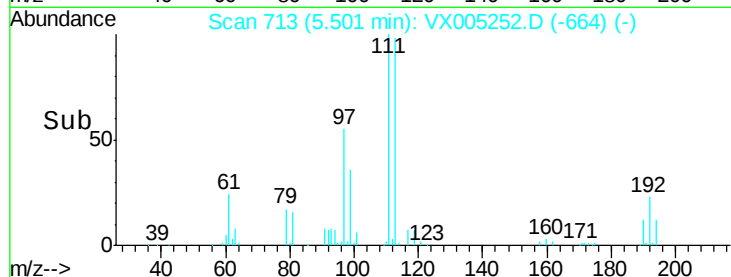
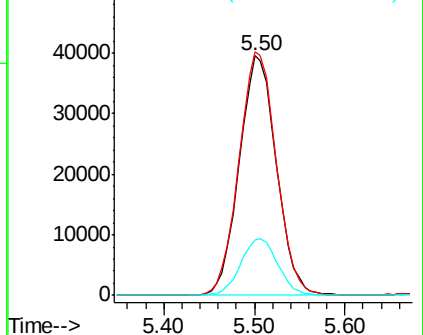
192 23.7 17.0 25.6



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: 16.44 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

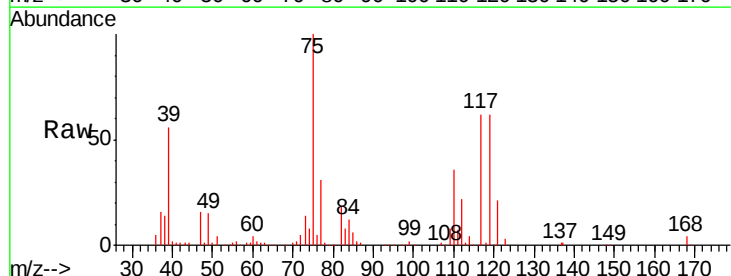
Tgt Ion: 75 Resp: 59151

Ion Ratio Lower Upper

75 100

110 36.9 20.0 59.9

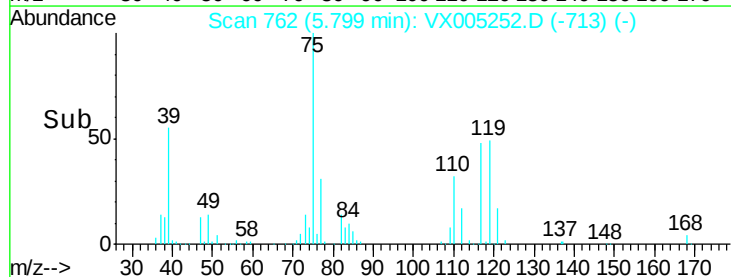
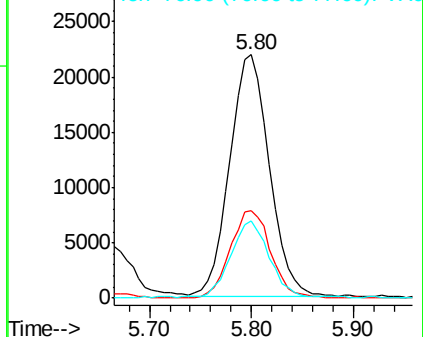
77 30.6 27.1 40.7

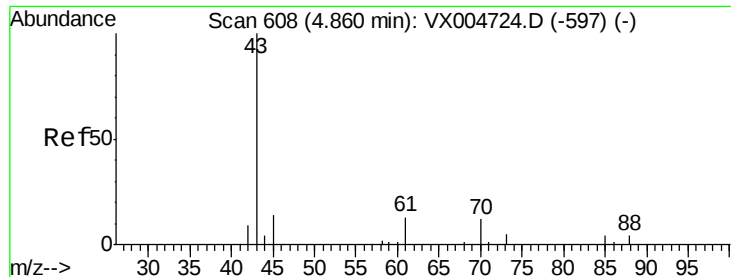


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 16.98 ug/l

RT: 4.87 min Scan# 609

Delta R.T. 0.01 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS09

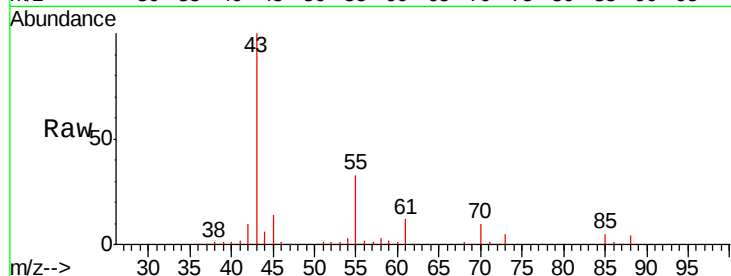
Tgt Ion: 43 Resp: 81135

Ion Ratio Lower Upper

43 100

61 13.9 10.4 15.6

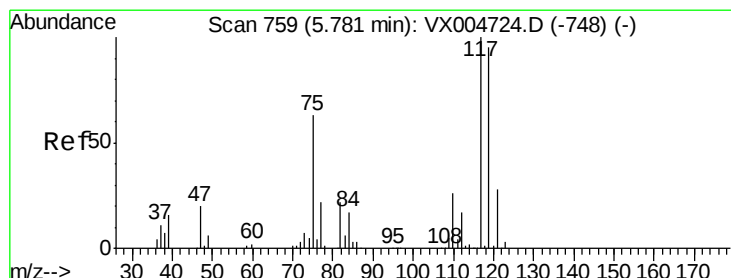
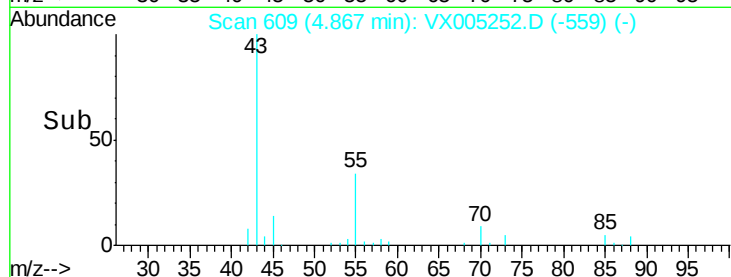
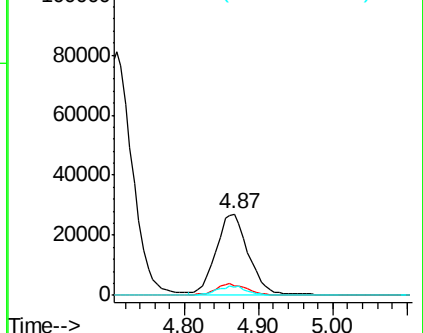
70 10.8 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX004724.D (-597) (-)

Ion 60.90 (60.60 to 61.60): VX004724.D (-597) (-)

Ion 70.00 (69.70 to 70.70): VX004724.D (-597) (-)



#38

Carbon Tetrachloride

Concen: 16.62 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

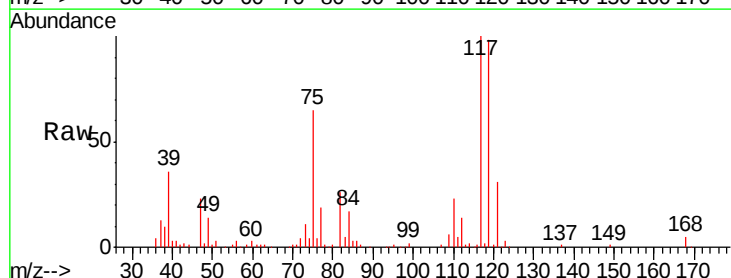
Tgt Ion: 117 Resp: 62859

Ion Ratio Lower Upper

117 100

119 98.5 75.2 112.8

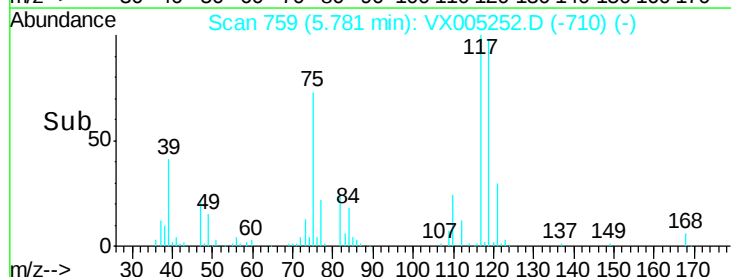
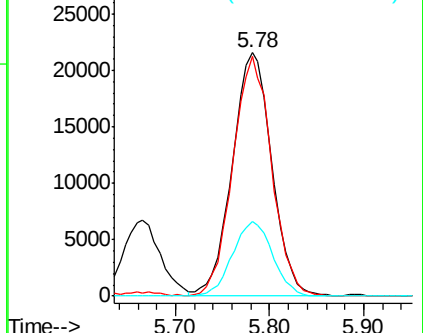
121 30.6 22.5 33.7

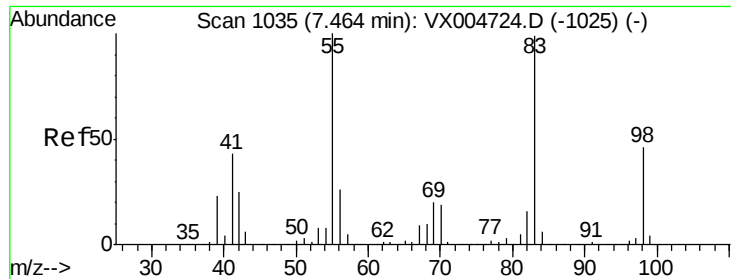


Abundance Ion 116.80 (116.50 to 117.50): VX004724.D (-748) (-)

Ion 118.80 (118.50 to 119.50): VX004724.D (-748) (-)

Ion 120.80 (120.50 to 121.50): VX004724.D (-748) (-)

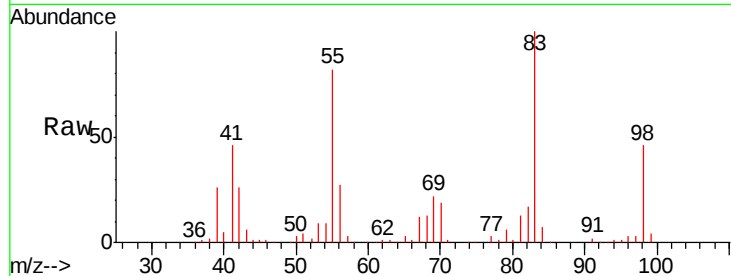




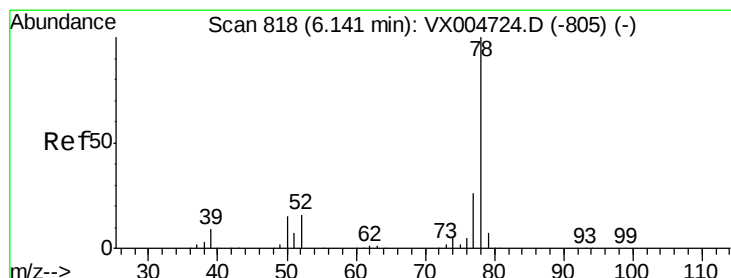
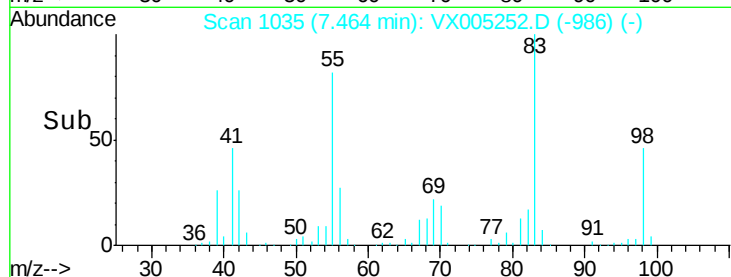
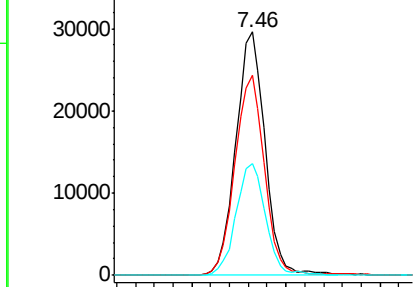
#39
Methylcyclohexane
Concen: 17.44 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS09

Tgt Ion: 83 Resp: 64099
Ion Ratio Lower Upper
83 100
55 82.3 81.1 121.7
98 45.9 37.3 55.9

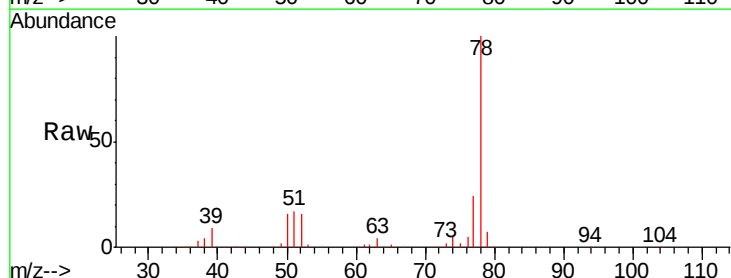


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

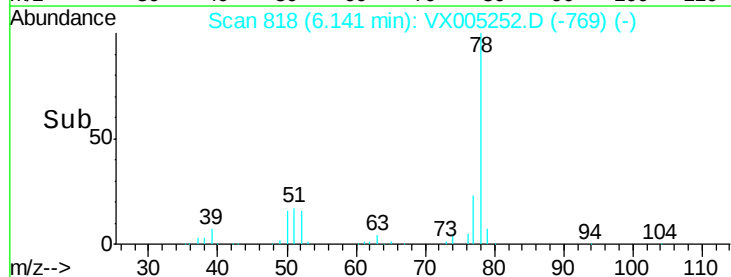
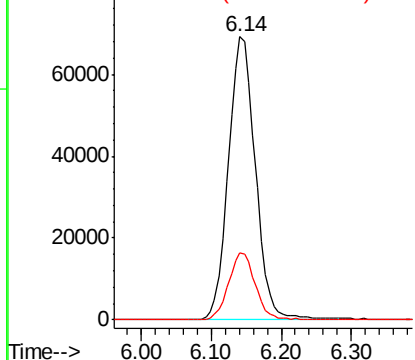


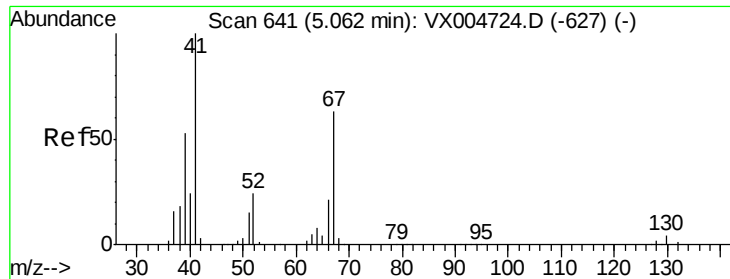
#40
Benzene
Concen: 16.50 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

Tgt Ion: 78 Resp: 185917
Ion Ratio Lower Upper
78 100
77 23.9 21.0 31.4



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

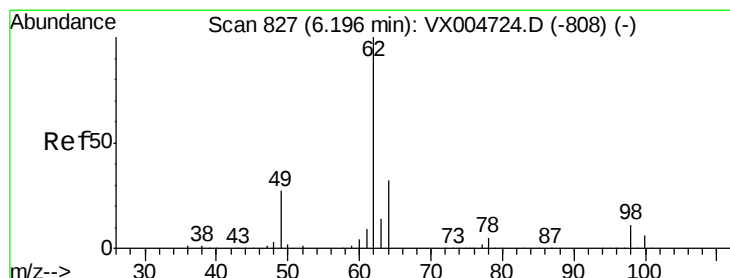
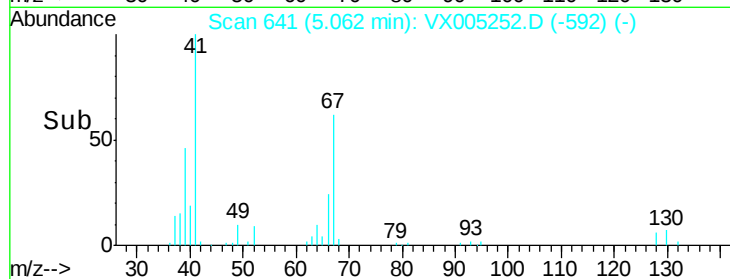
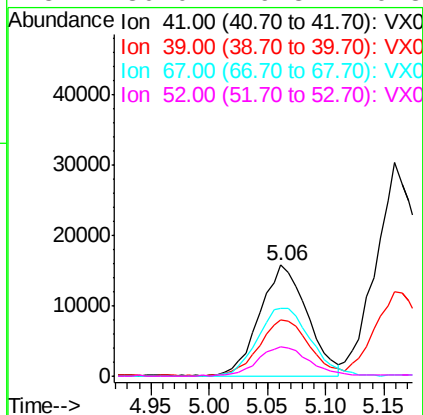
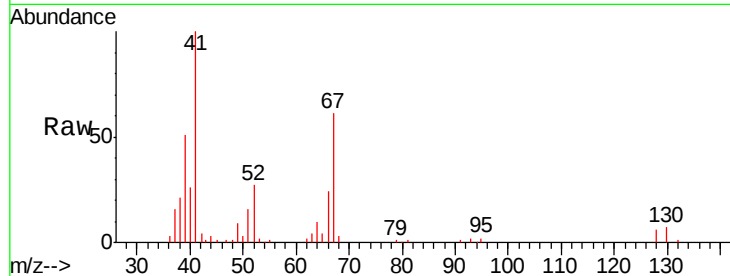




#41
Methacrylonitrile
Concen: 16.69 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

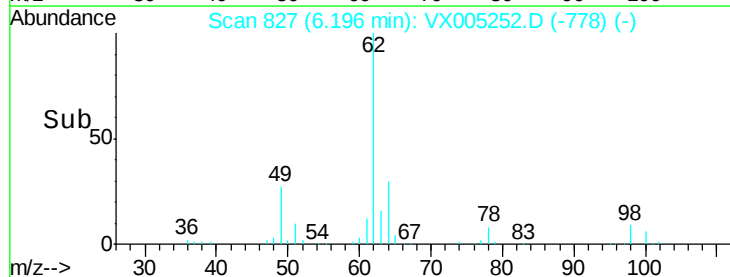
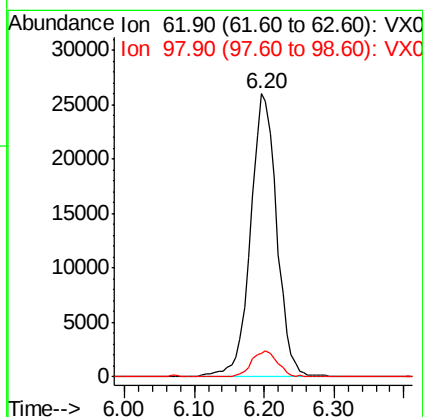
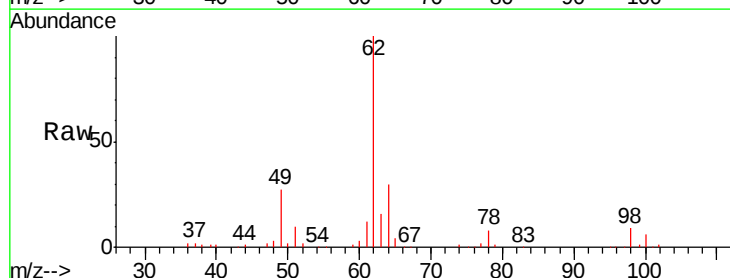
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS09

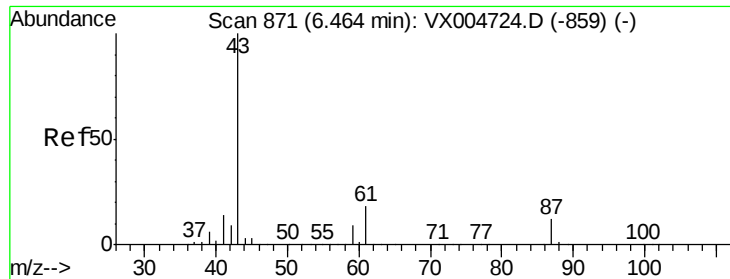
Tgt Ion:	41	Resp:	44213
Ion	Ratio	Lower	Upper
41	100		
39	53.3	42.5	63.7
67	69.2	53.0	79.6
52	30.0	19.8	29.8#



#42
1,2-Dichloroethane
Concen: 17.06 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

Tgt Ion:	62	Resp:	67959
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	20.2





#43

Isopropyl Acetate

Concen: 16.64 ug/l

RT: 6.47 min Scan# 872

Delta R.T. 0.01 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS09

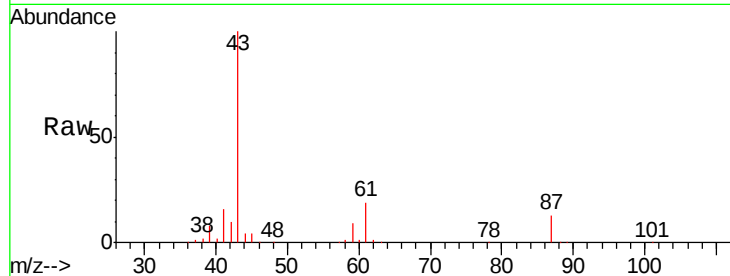
Tgt Ion: 43 Resp: 114742

Ion Ratio Lower Upper

43 100

61 19.8 14.2 21.4

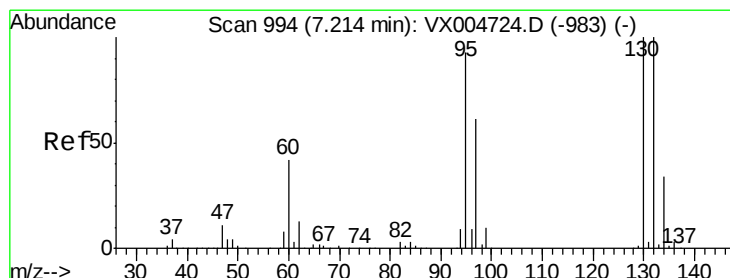
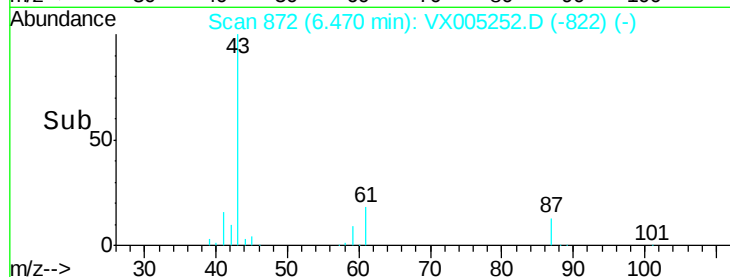
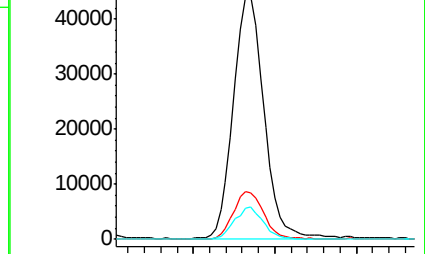
87 12.5 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VX004724.D (-859) (-)

Ion 61.00 (60.70 to 61.70): VX004724.D (-859) (-)

Ion 87.00 (86.70 to 87.70): VX004724.D (-859) (-)



#44

Trichloroethene

Concen: 17.50 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX005252.D

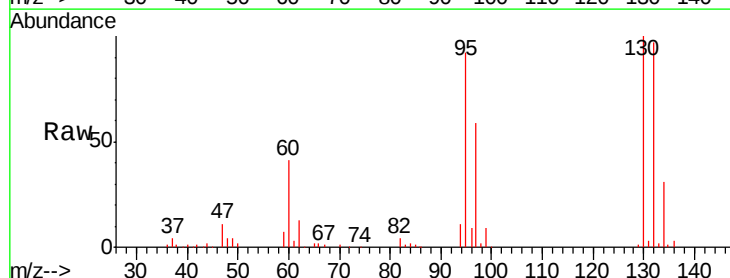
Acq: 11 Oct 2018 13:28

Tgt Ion: 130 Resp: 48464

Ion Ratio Lower Upper

130 100

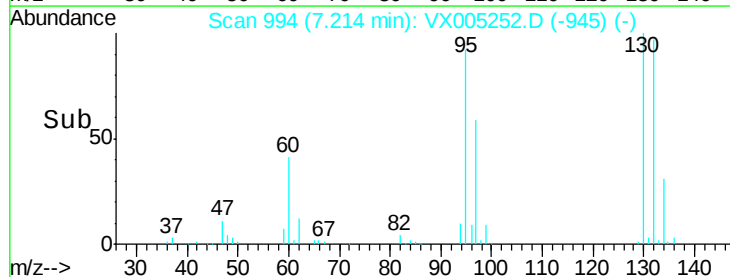
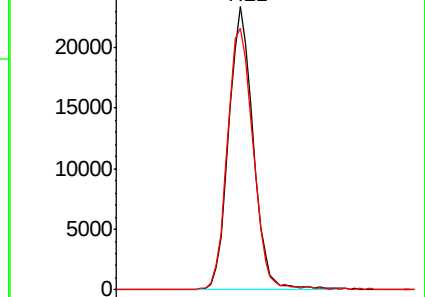
95 92.4 0.0 186.8

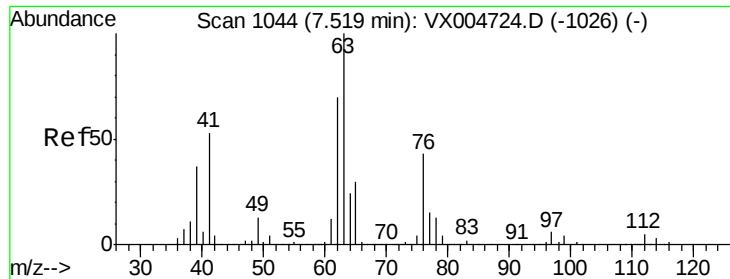


Abundance Ion 129.80 (129.50 to 130.50): VX004724.D (-983) (-)

Ion 94.90 (94.60 to 95.60): VX004724.D (-983) (-)

Ion 130.00 (129.70 to 130.30): VX004724.D (-983) (-)

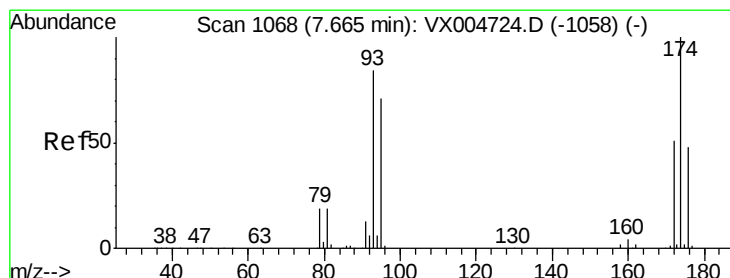
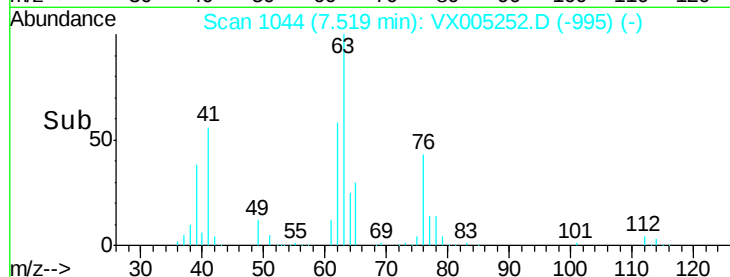
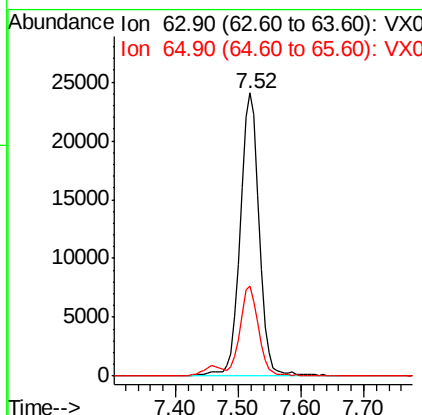
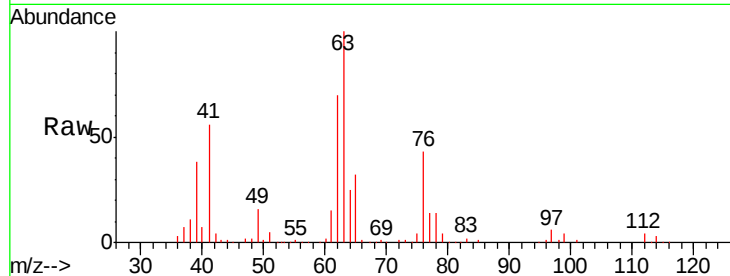




#45
 1,2-Dichloropropane
 Concen: 18.28 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX005252.D
 Acq: 11 Oct 2018 13:28

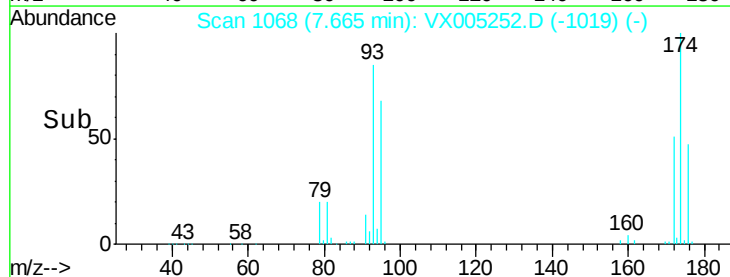
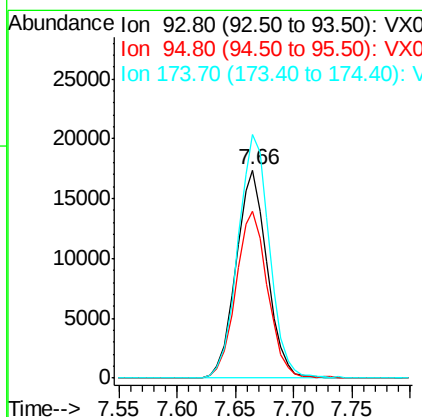
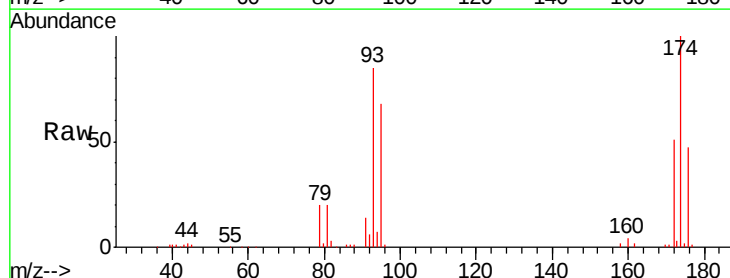
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS09

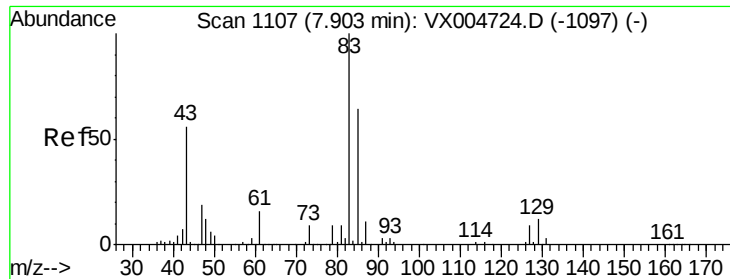
Tgt Ion: 63 Resp: 50497
 Ion Ratio Lower Upper
 63 100
 65 31.9 23.9 35.9



#46
 Dibromomethane
 Concen: 18.62 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX005252.D
 Acq: 11 Oct 2018 13:28

Tgt Ion: 93 Resp: 32335
 Ion Ratio Lower Upper
 93 100
 95 82.1 66.7 100.1
 174 118.6 92.7 139.1





#47

Bromodichloromethane

Concen: 19.02 ug/l

RT: 7.90 min Scan# 1107

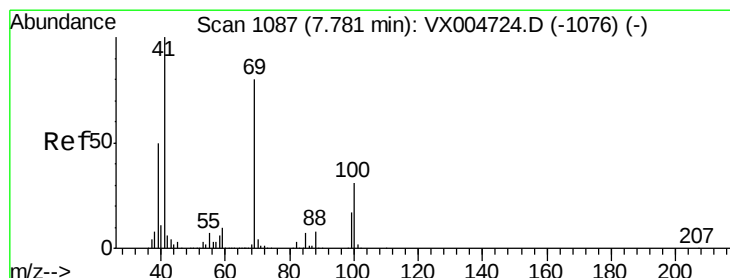
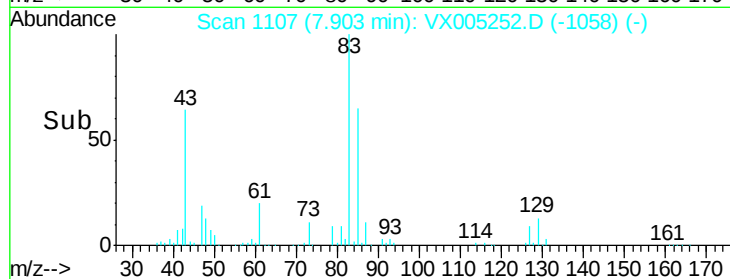
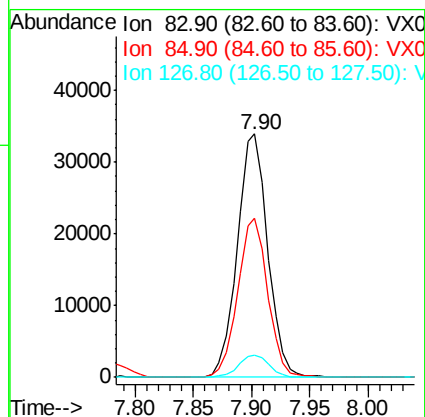
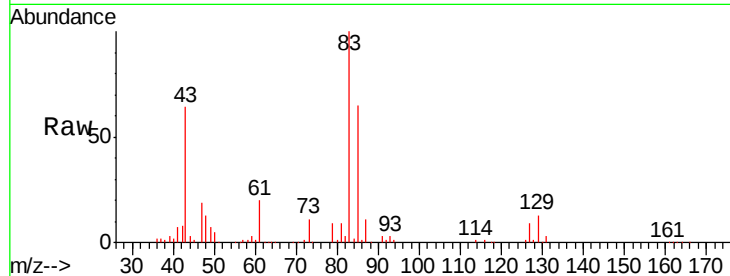
Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS09

Tgt Ion:	83	Resp:	61824
Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.2	76.8
127	9.1	7.0	10.6



#48

Methyl methacrylate

Concen: 19.34 ug/l

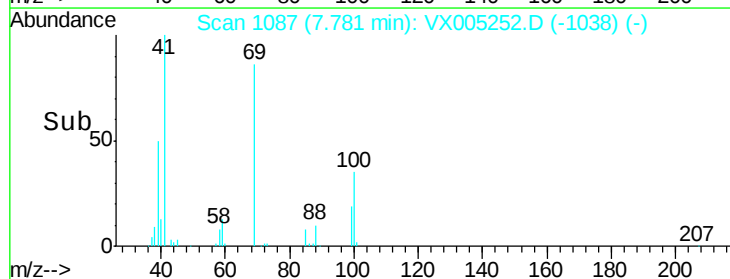
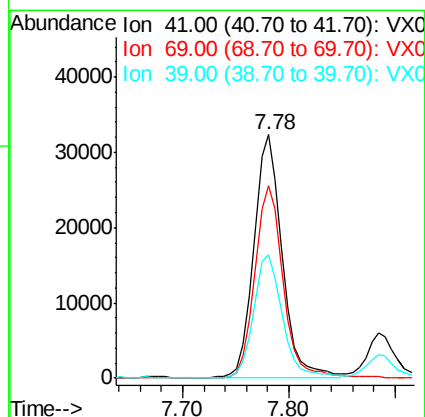
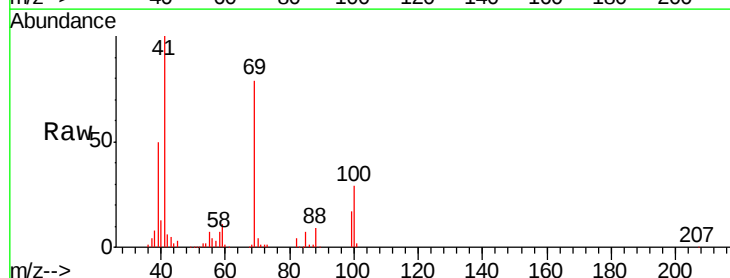
RT: 7.78 min Scan# 1087

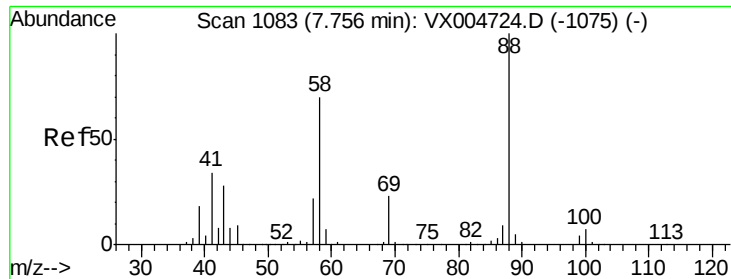
Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Tgt Ion:	41	Resp:	60514
Ion	Ratio	Lower	Upper
41	100		
69	79.7	63.8	95.6
39	51.1	40.7	61.1

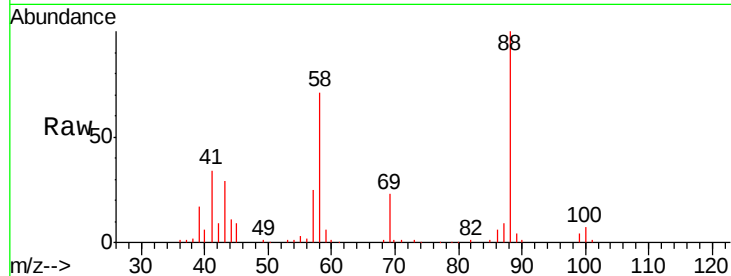




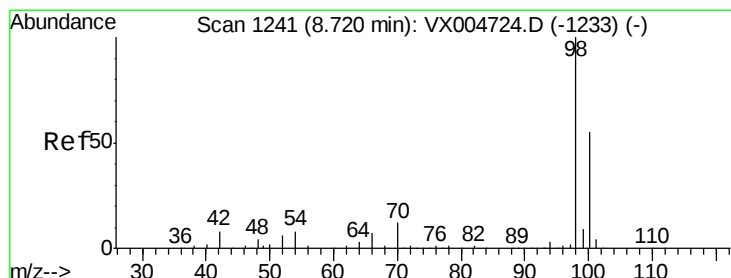
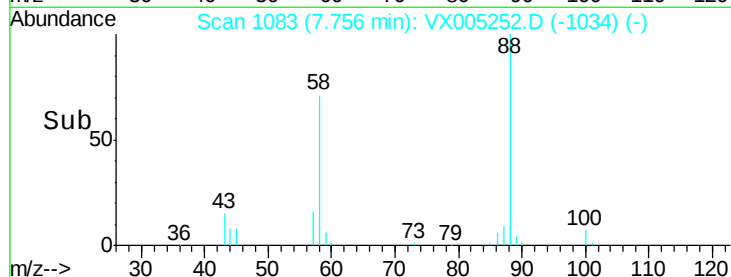
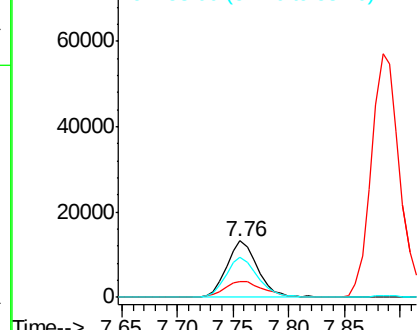
#49
1,4-Dioxane
Concen: 325.37 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS09

Tgt Ion: 88 Resp: 25298
Ion Ratio Lower Upper
88 100
43 35.1 25.1 37.7
58 74.3 56.2 84.2

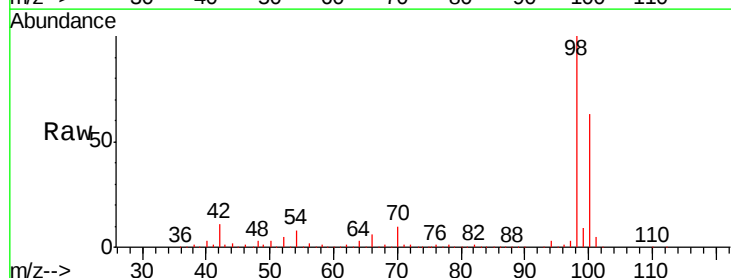


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

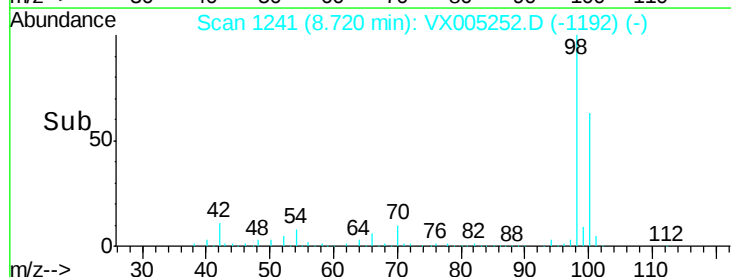
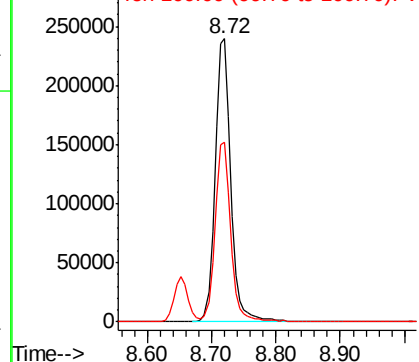


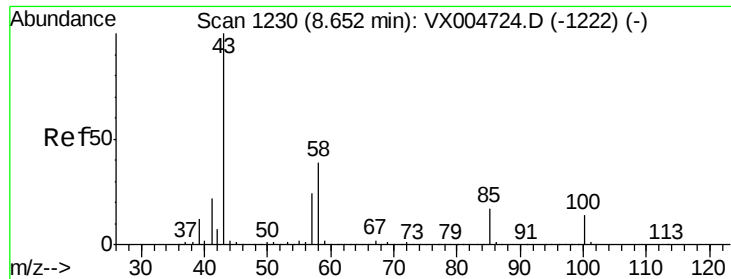
#50
Toluene-d8
Concen: 46.57 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

Tgt Ion: 98 Resp: 408390
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9



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

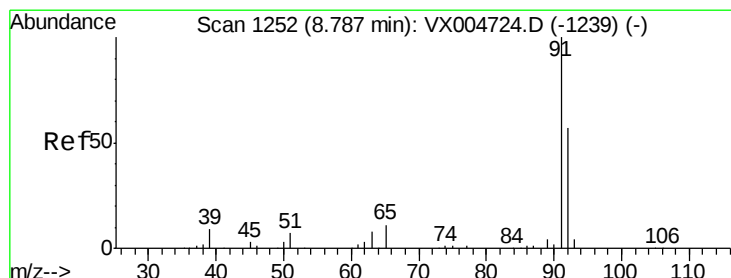
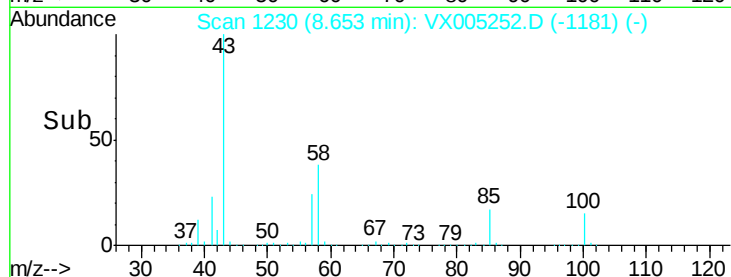
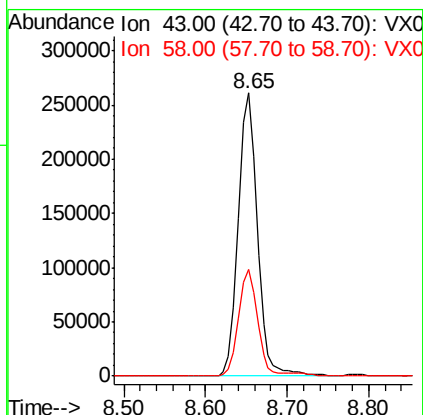
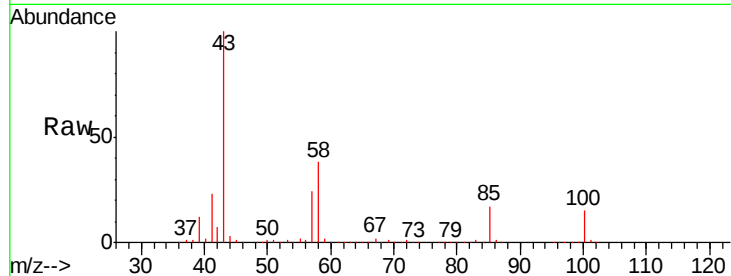




#51
 4-Methyl-2-Pentanone
 Concen: 97.15 ug/l
 RT: 8.65 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: VX005252.D
 Acq: 11 Oct 2018 13:28

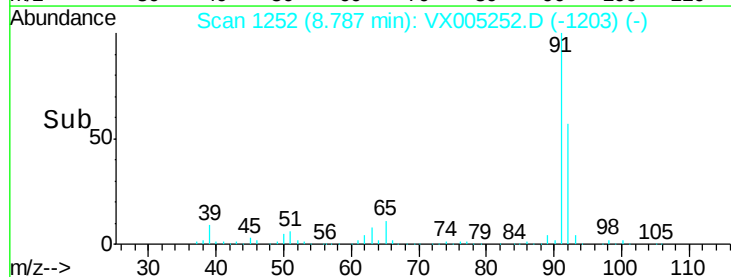
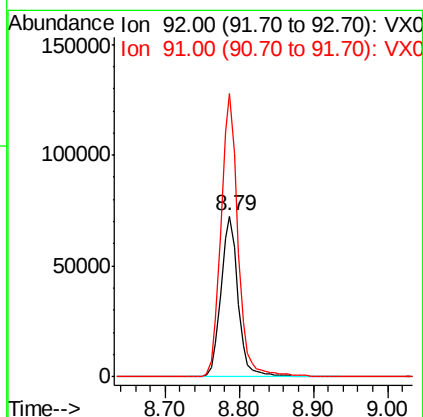
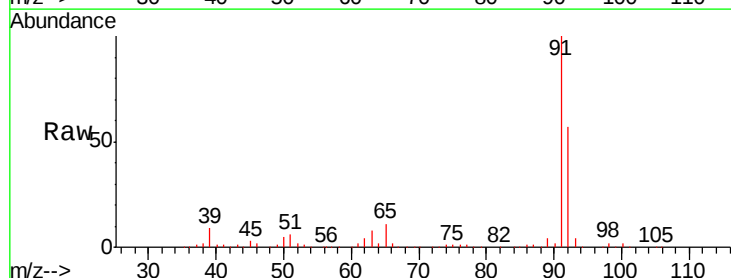
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS09

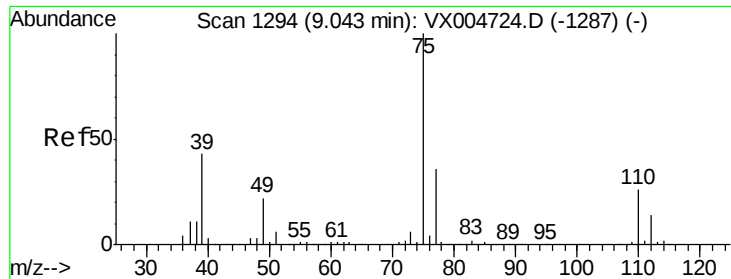
Tgt Ion: 43 Resp: 421756
 Ion Ratio Lower Upper
 43 100
 58 37.1 30.5 45.7



#52
 Toluene
 Concen: 18.83 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX005252.D
 Acq: 11 Oct 2018 13:28

Tgt Ion: 92 Resp: 116575
 Ion Ratio Lower Upper
 92 100
 91 174.7 136.7 205.1

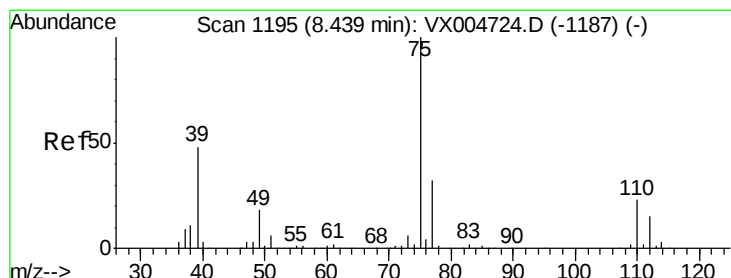
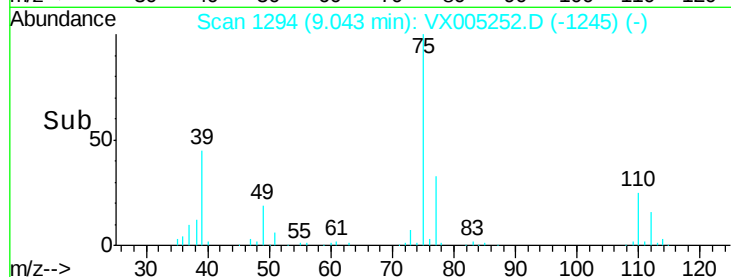
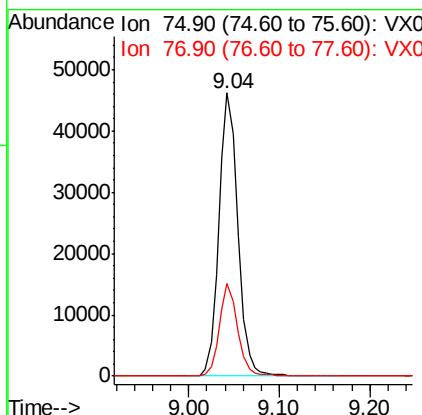
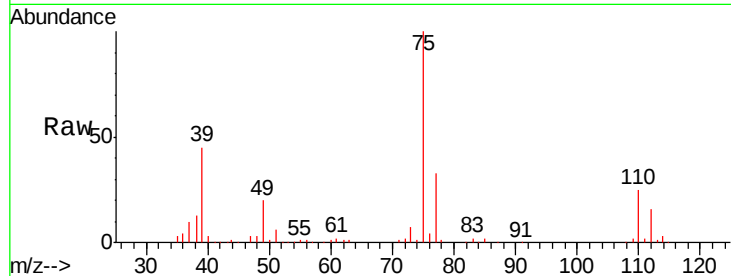




#53
 t-1,3-Dichloropropene
 Concen: 18.30 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX005252.D
 Acq: 11 Oct 2018 13:28

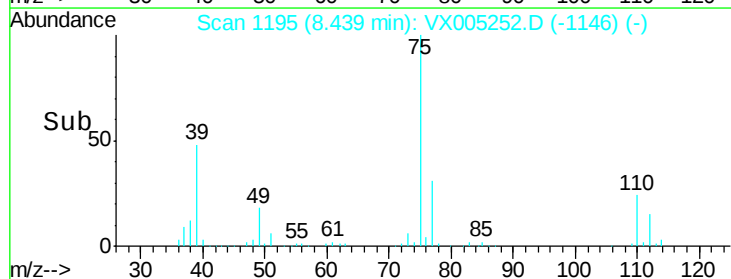
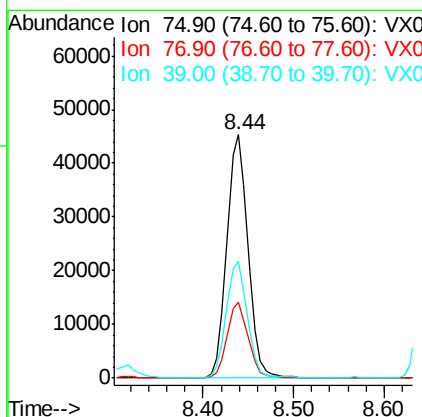
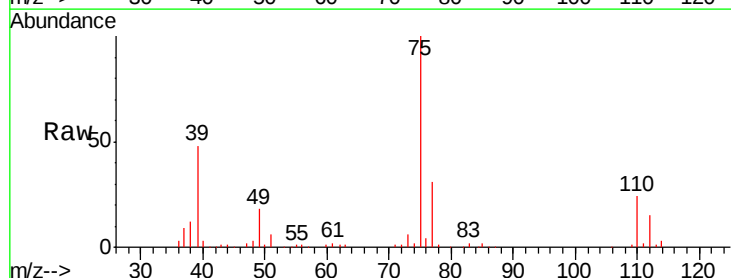
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS09

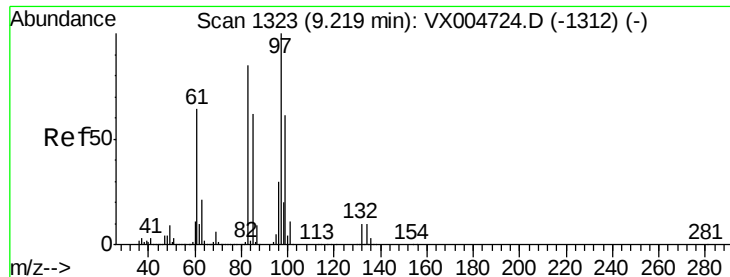
Tgt Ion: 75 Resp: 67227
 Ion Ratio Lower Upper
 75 100
 77 32.6 28.9 43.3



#54
 cis-1,3-Dichloropropene
 Concen: 19.14 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: VX005252.D
 Acq: 11 Oct 2018 13:28

Tgt Ion: 75 Resp: 73652
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.7 38.5
 39 47.6 38.3 57.5





#55

1,1,2-Trichloroethane

Concen: 18.23 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Instrument :

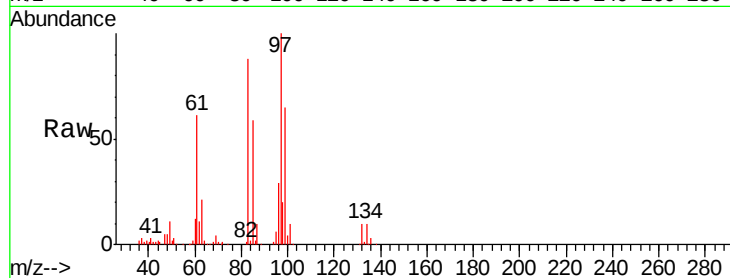
MSVOA_X

ClientSampleId :

VX1010WBS09

Tgt Ion: 97 Resp: 49442

Ion	Ratio	Lower	Upper
97	100		
83	88.0	68.2	102.2
85	58.6	49.9	74.9
99	64.8	48.9	73.3

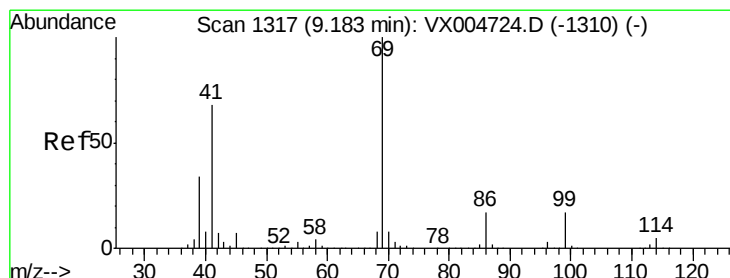
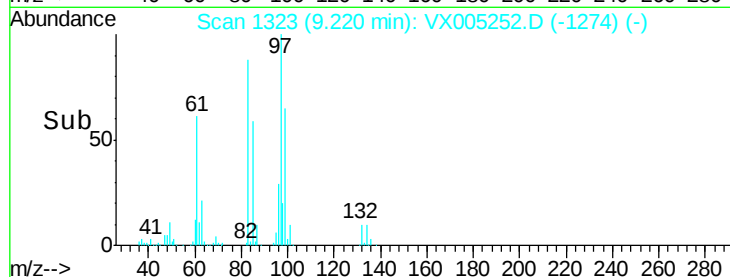


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 18.12 ug/l

RT: 9.18 min Scan# 1317

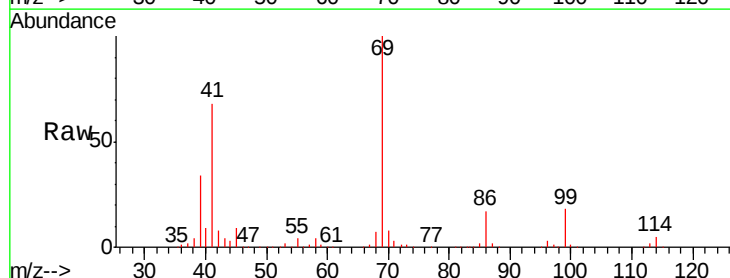
Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Tgt Ion: 69 Resp: 71199

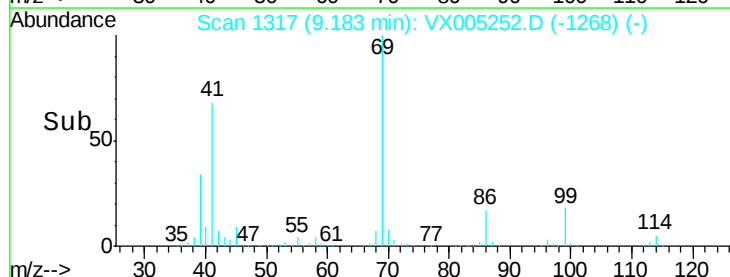
Ion	Ratio	Lower	Upper
69	100		
41	68.5	56.9	85.3
39	34.1	28.4	42.6

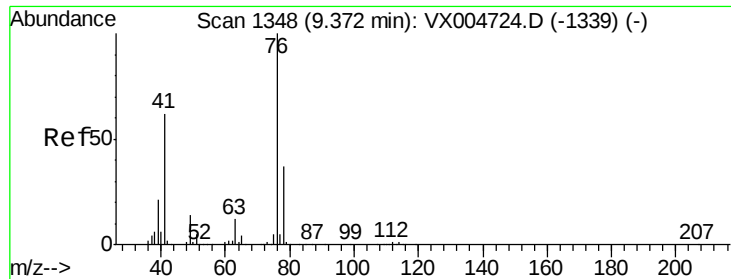


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 17.92 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Instrument :

MSVOA_X

ClientSampleId :

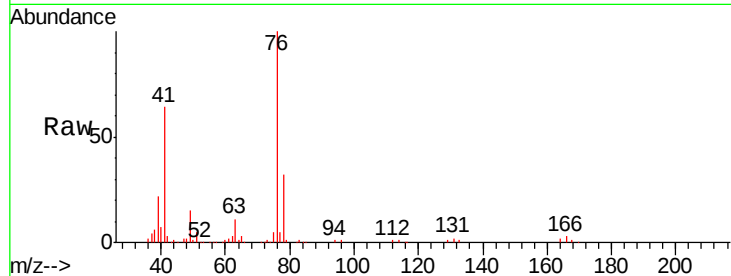
VX1010WBS09

Tgt Ion: 76 Resp: 80860

Ion Ratio Lower Upper

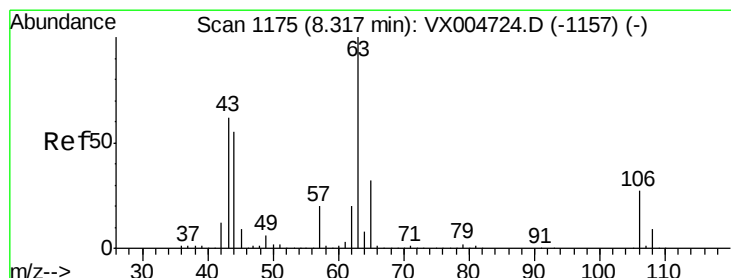
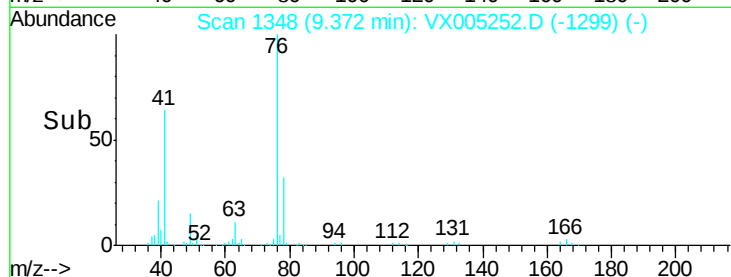
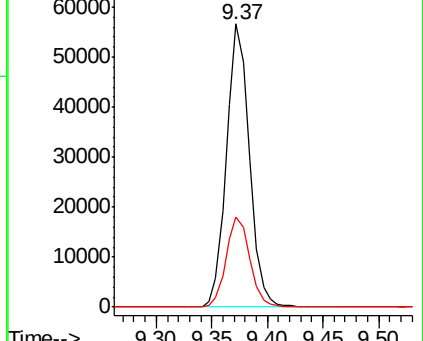
76 100

78 32.9 26.6 40.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 83.33 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VX005252.D

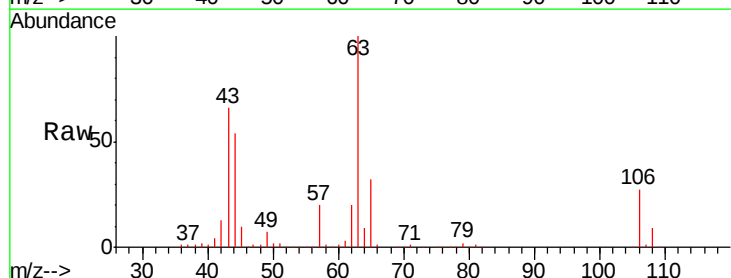
Acq: 11 Oct 2018 13:28

Tgt Ion: 63 Resp: 171194

Ion Ratio Lower Upper

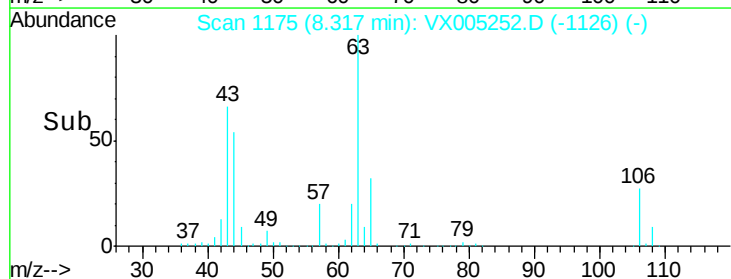
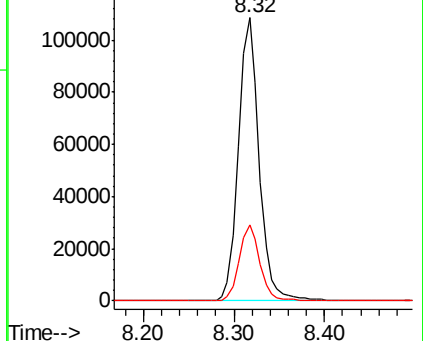
63 100

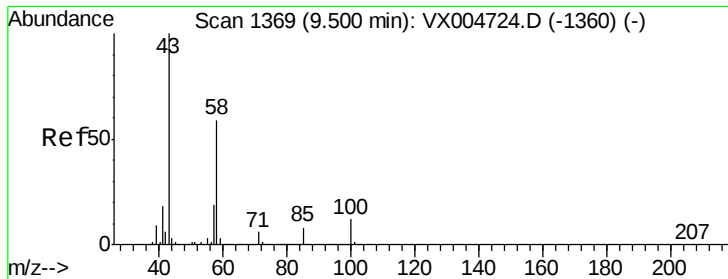
106 27.0 21.0 31.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

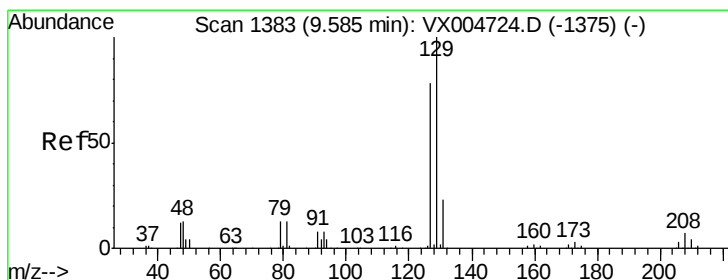
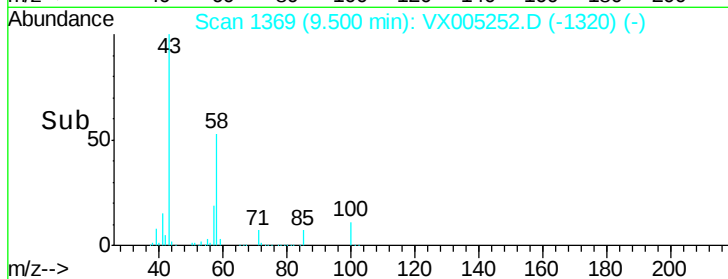
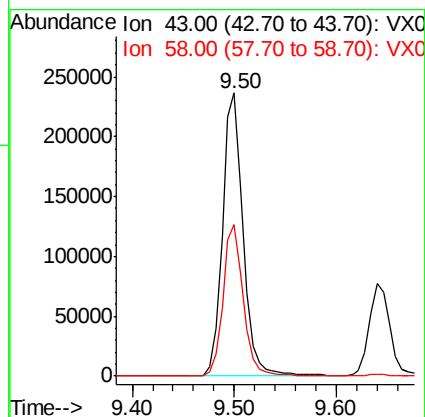
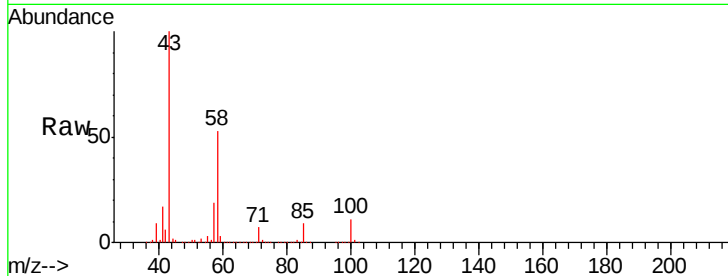




#59
2-Hexanone
Concen: 91.97 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

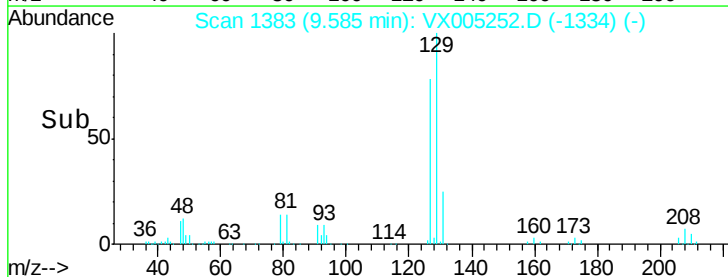
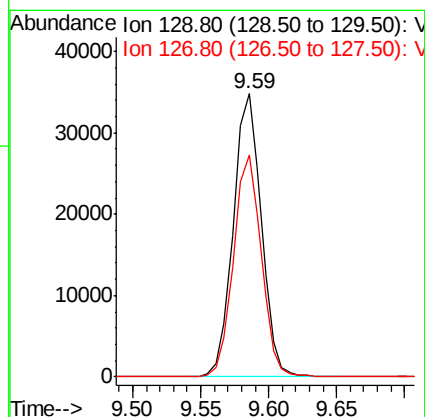
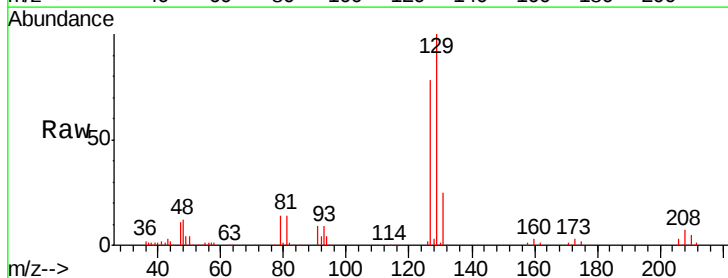
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS09

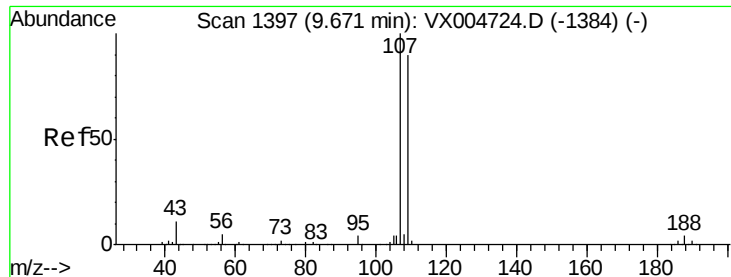
Tgt Ion: 43 Resp: 332734
Ion Ratio Lower Upper
43 100
58 52.7 28.4 85.3



#60
Dibromochloromethane
Concen: 18.40 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

Tgt Ion: 129 Resp: 49911
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.2





#61

1,2-Dibromoethane

Concen: 17.55 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Instrument :

MSVOA_X

ClientSampleId :

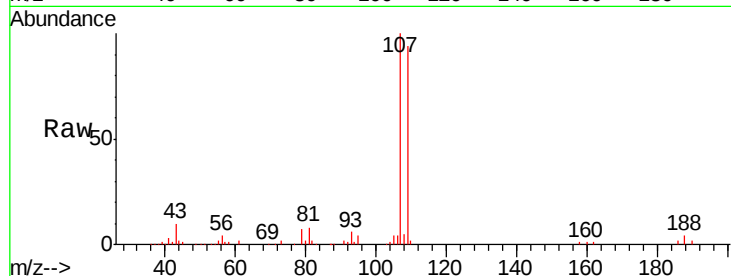
VX1010WBS09

Tgt Ion:107 Resp: 50969

Ion Ratio Lower Upper

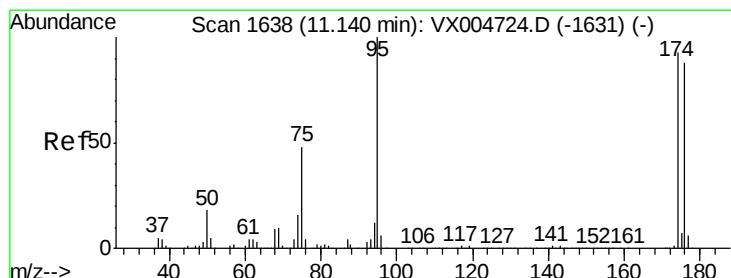
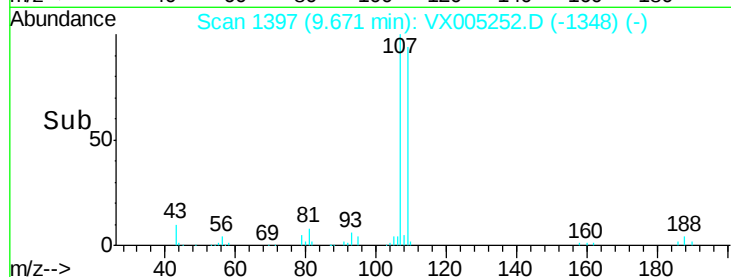
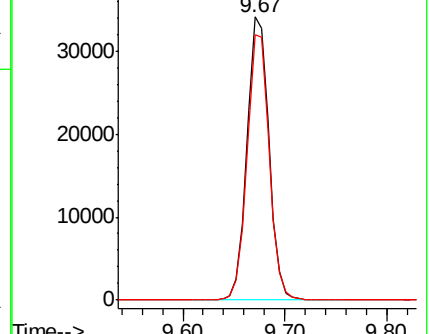
107 100

109 94.5 72.1 108.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.95 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

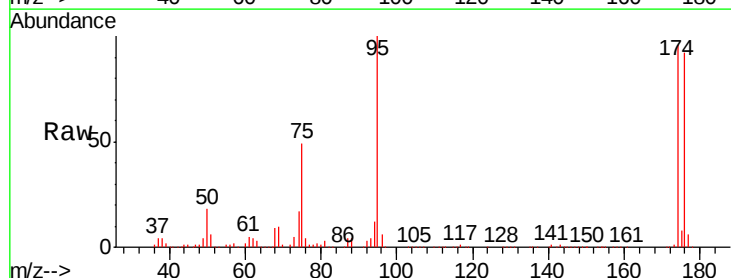
Tgt Ion: 95 Resp: 154631

Ion Ratio Lower Upper

95 100

174 92.9 0.0 185.0

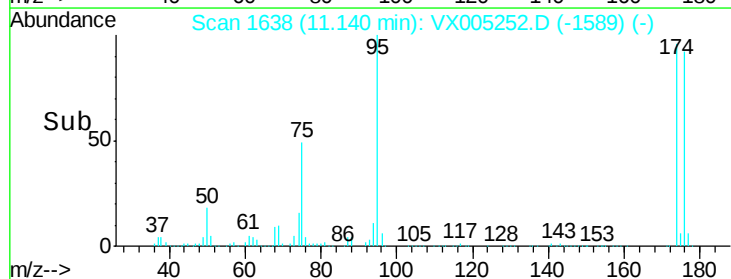
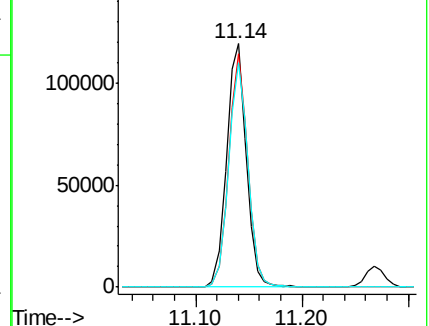
176 91.2 0.0 180.2

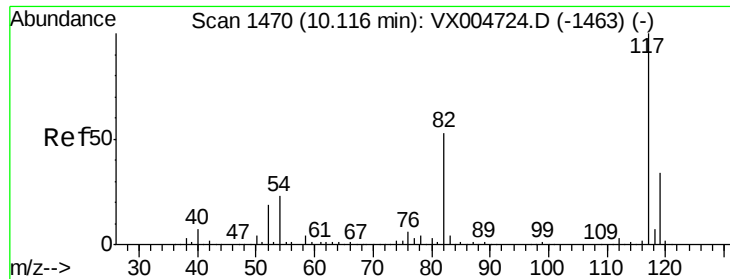


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

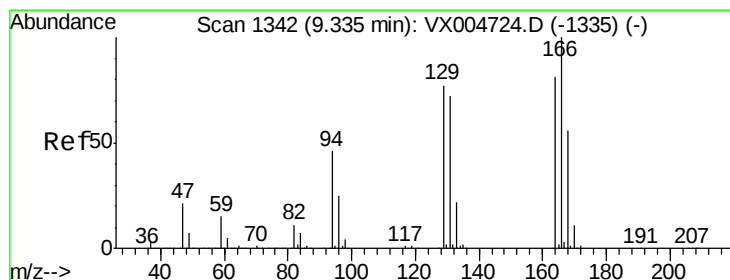
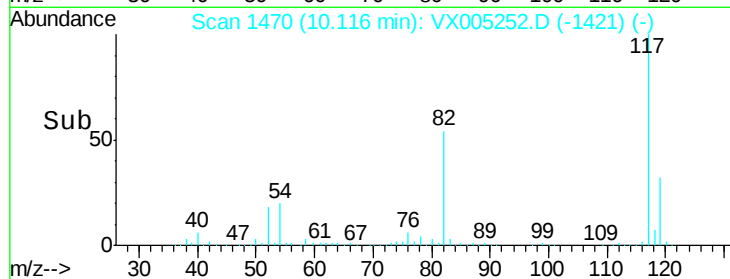
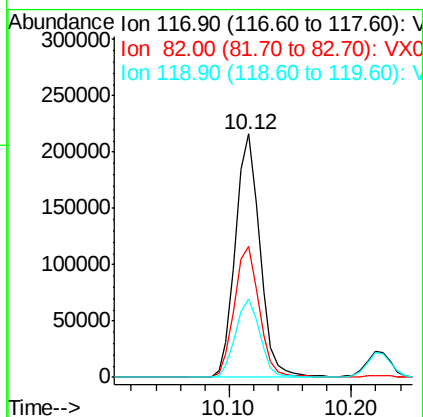
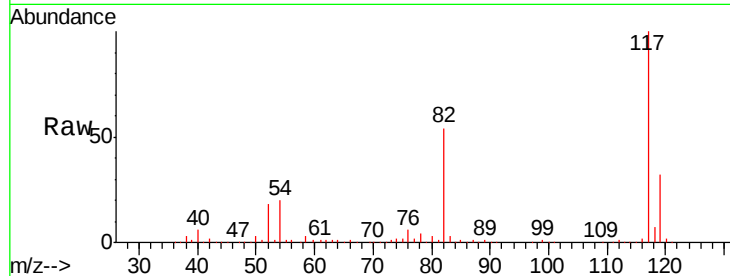




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

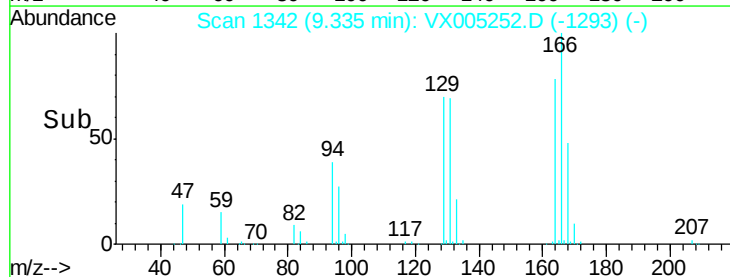
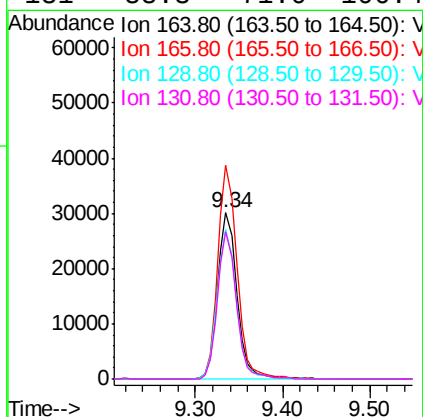
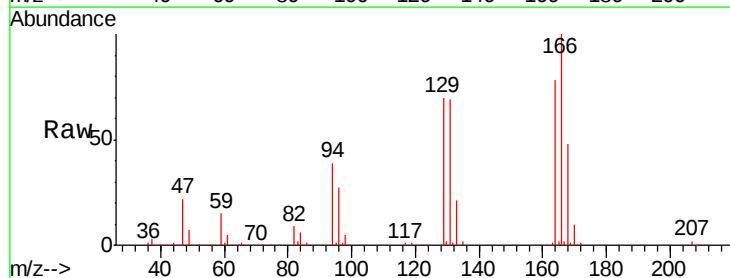
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS09

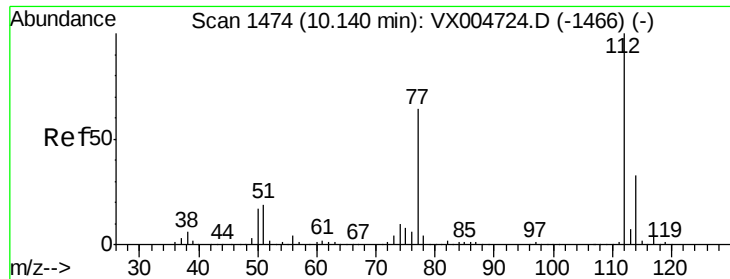
Tgt Ion:117 Resp: 299838
Ion Ratio Lower Upper
117 100
82 53.6 42.2 63.4
119 32.0 27.4 41.0



#64
Tetrachloroethene
Concen: 15.69 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

Tgt Ion:164 Resp: 46290
Ion Ratio Lower Upper
164 100
166 128.5 98.4 147.6
129 90.0 76.1 114.1
131 88.3 71.0 106.4

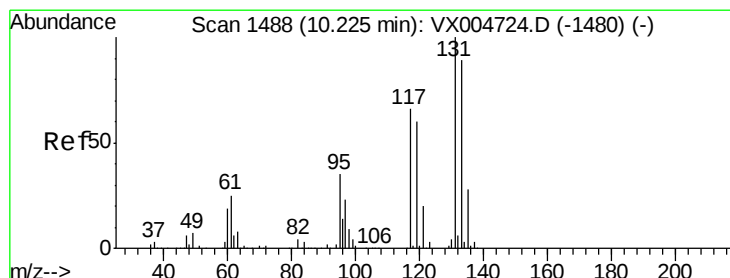
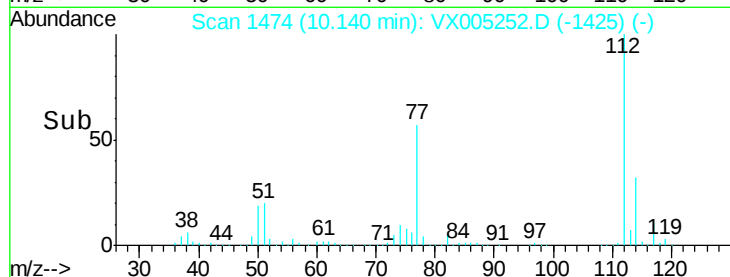
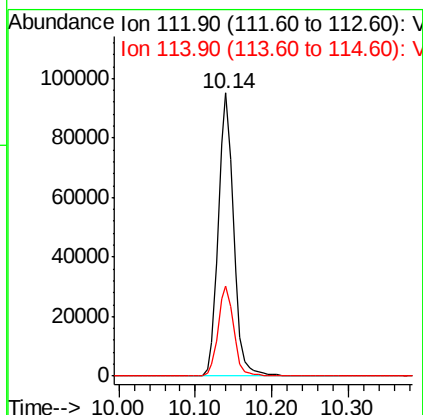
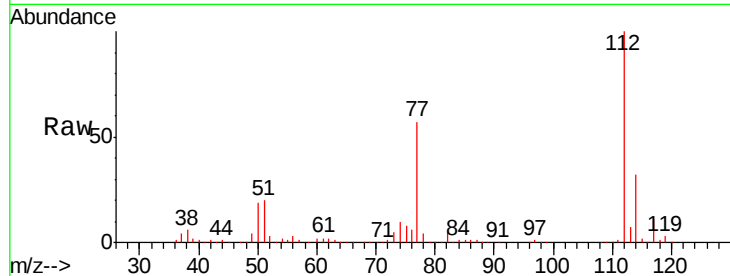




#65
Chlorobenzene
Concen: 17.21 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

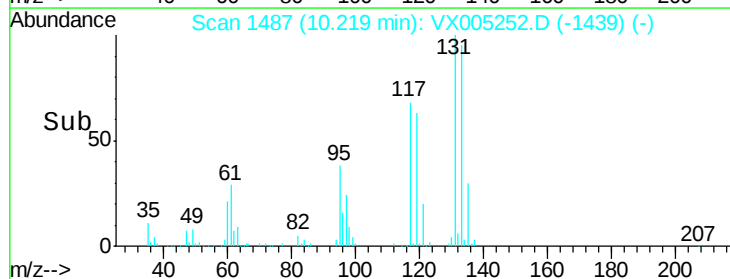
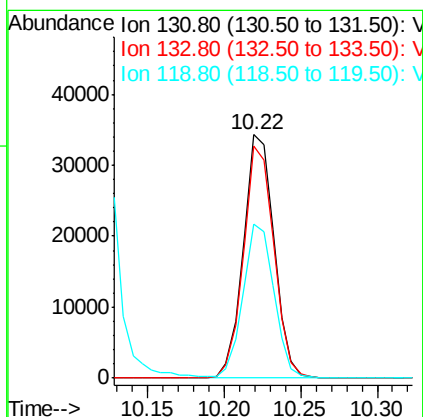
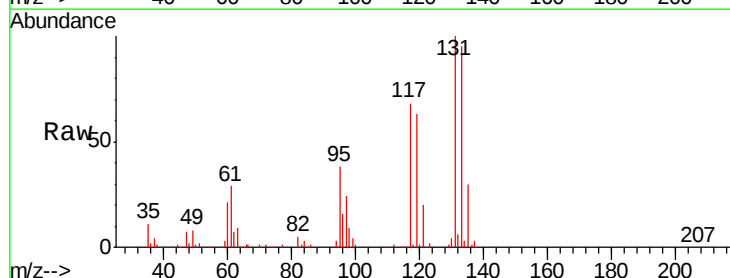
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS09

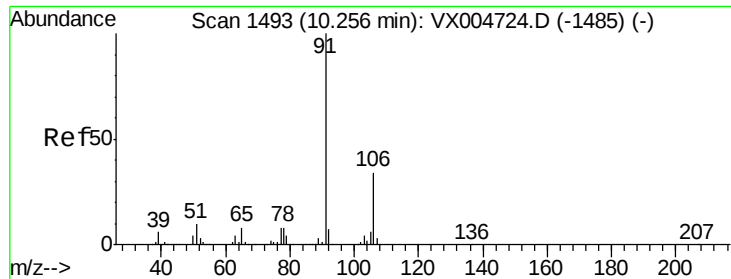
Tgt Ion:112 Resp: 132305
Ion Ratio Lower Upper
112 100
114 32.0 26.7 40.1



#66
1,1,1,2-Tetrachloroethane
Concen: 17.72 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

Tgt Ion:131 Resp: 47887
Ion Ratio Lower Upper
131 100
133 94.4 48.4 145.0
119 64.4 32.3 96.8





#67

Ethyl Benzene

Concen: 17.44 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Instrument :

MSVOA_X

ClientSampleId :

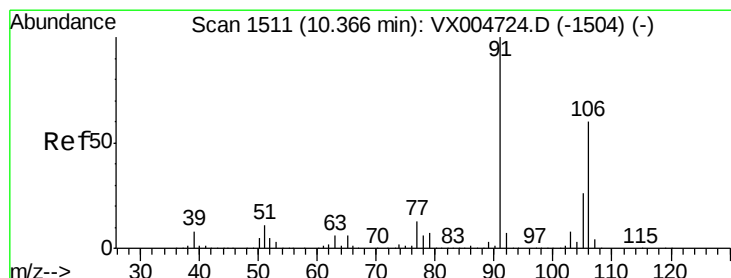
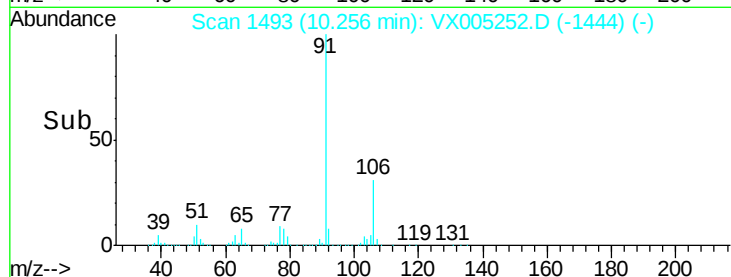
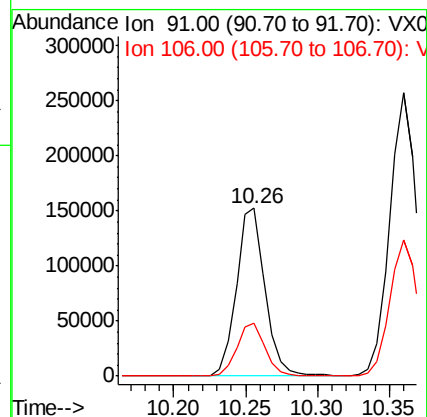
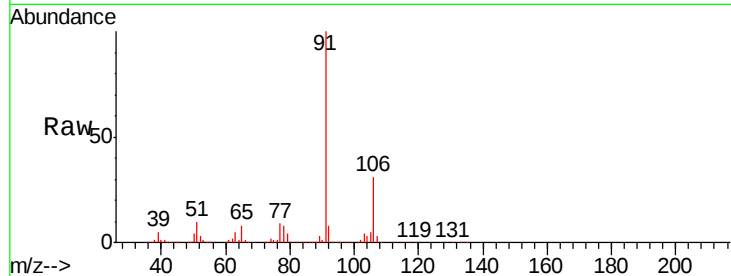
VX1010WBS09

Tgt Ion: 91 Resp: 212896

Ion Ratio Lower Upper

91 100

106 31.2 26.9 40.3



#68

m/p-Xylenes

Concen: 35.80 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX005252.D

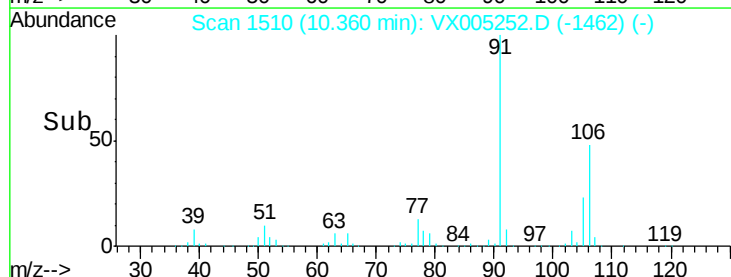
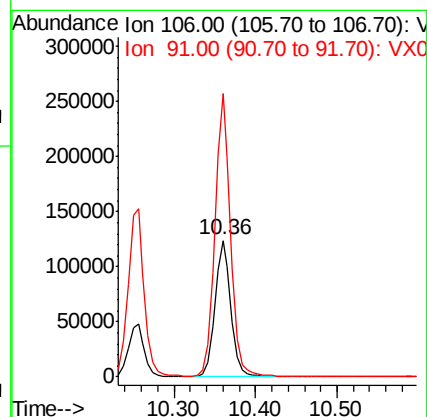
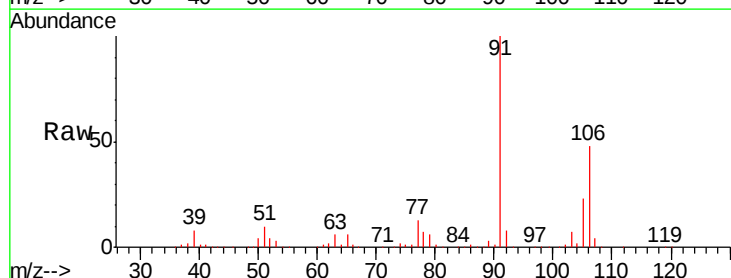
Acq: 11 Oct 2018 13:28

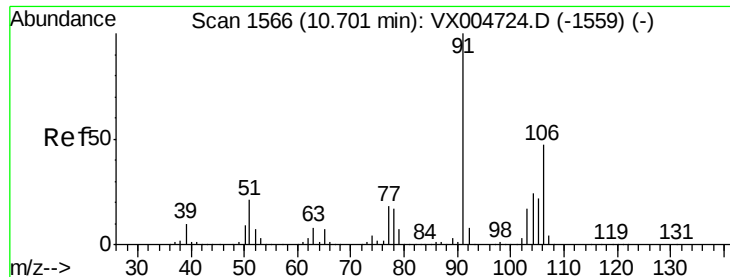
Tgt Ion: 106 Resp: 170781

Ion Ratio Lower Upper

106 100

91 204.3 157.5 236.3

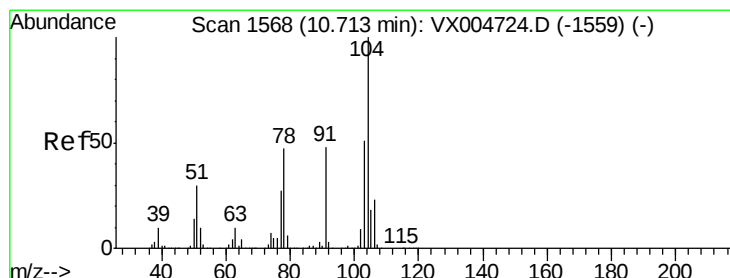
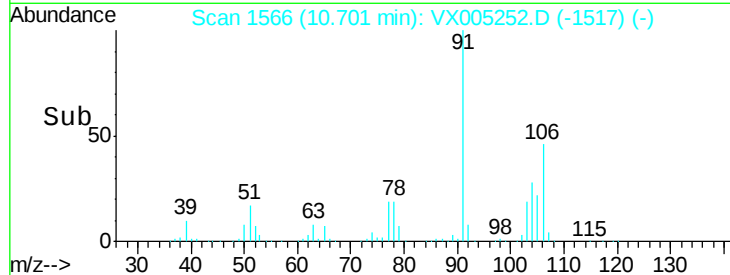
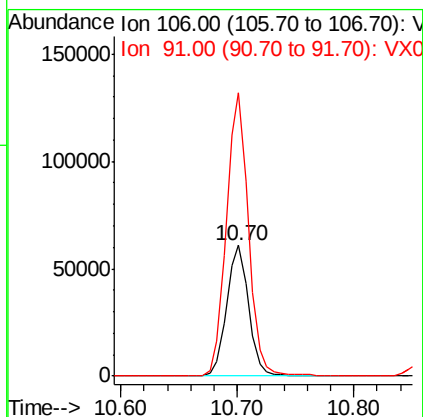
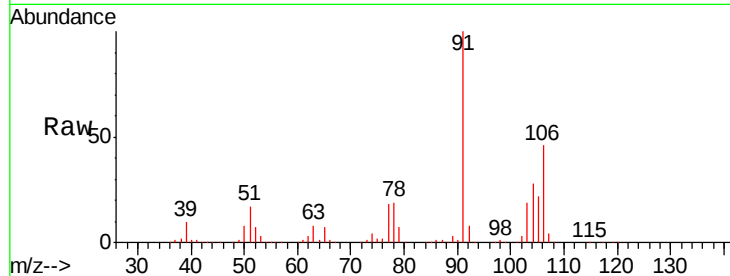




#69
o-Xylene
Concen: 18.28 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

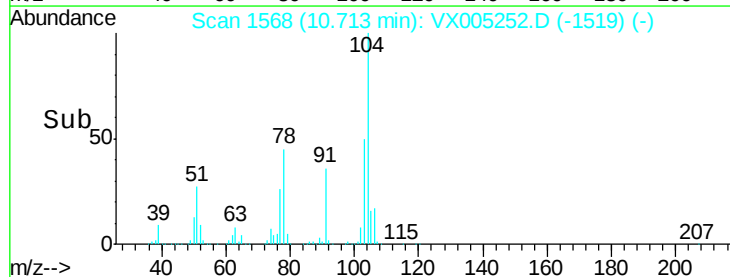
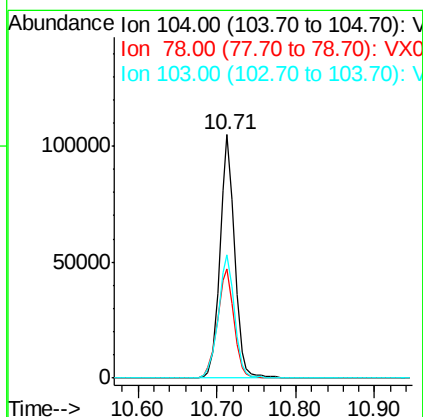
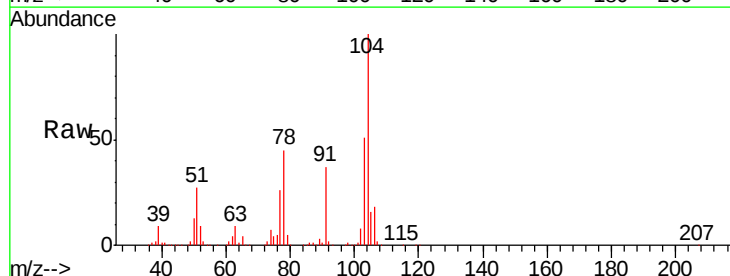
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS09

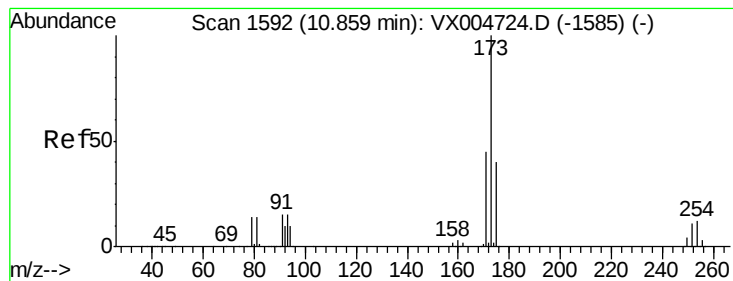
Tgt Ion:106 Resp: 80092
Ion Ratio Lower Upper
106 100
91 217.2 108.3 324.8



#70
Styrene
Concen: 18.12 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

Tgt Ion:104 Resp: 136820
Ion Ratio Lower Upper
104 100
78 50.7 40.0 60.0
103 56.1 44.3 66.5





#71

Bromoform

Concen: 17.65 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS09

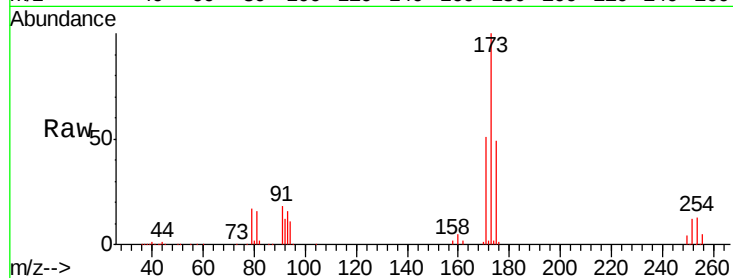
Tgt Ion:173 Resp: 40855

Ion Ratio Lower Upper

173 100

175 49.4 23.3 69.8

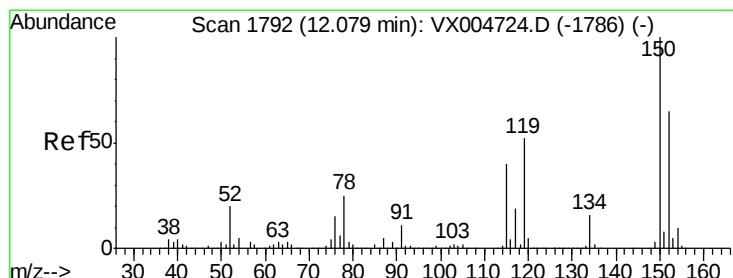
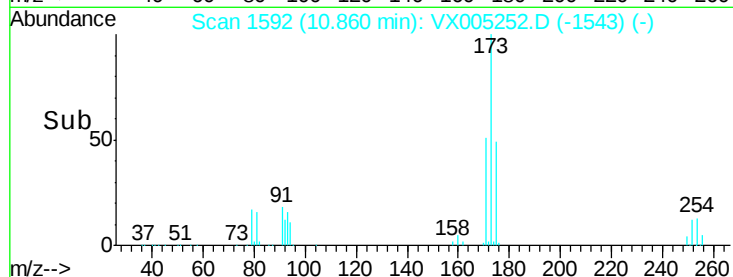
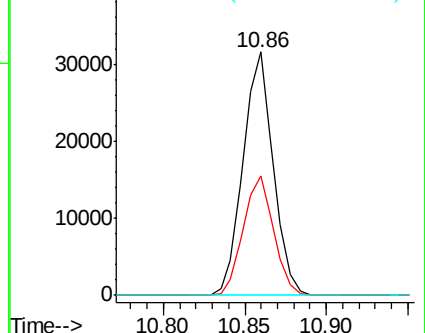
254 0.0 0.2 0.2#



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: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

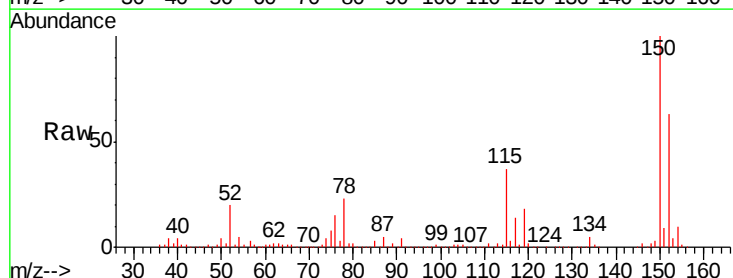
Tgt Ion:152 Resp: 168481

Ion Ratio Lower Upper

152 100

115 65.2 40.2 120.6

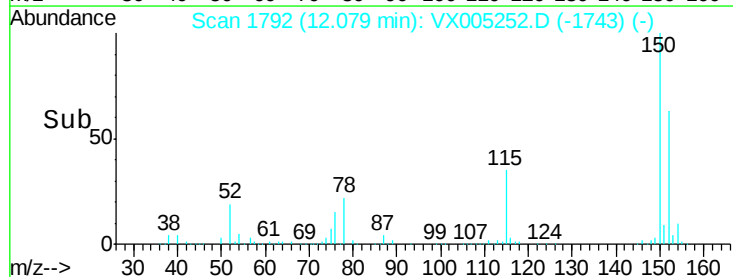
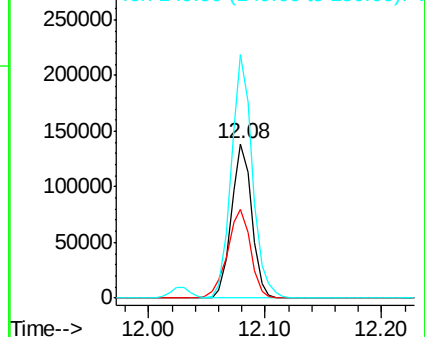
150 163.5 0.0 351.0

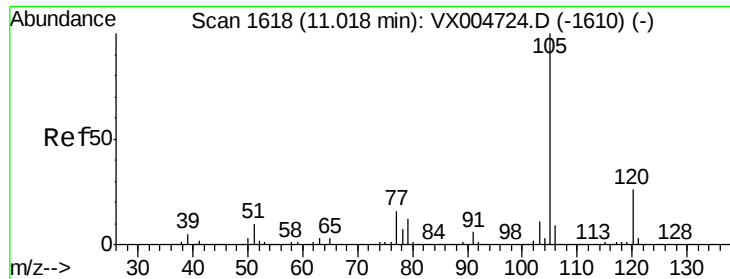


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.74 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Instrument :

MSVOA_X

ClientSampleId :

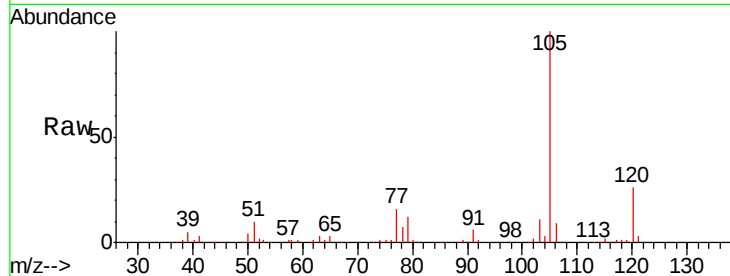
VX1010WBS09

Tgt Ion: 105 Resp: 220270

Ion Ratio Lower Upper

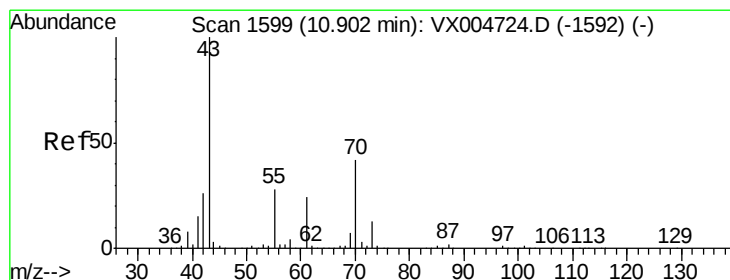
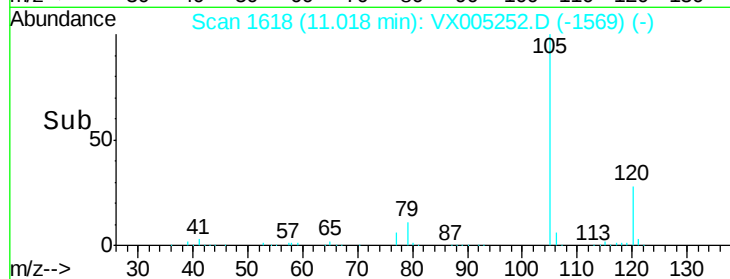
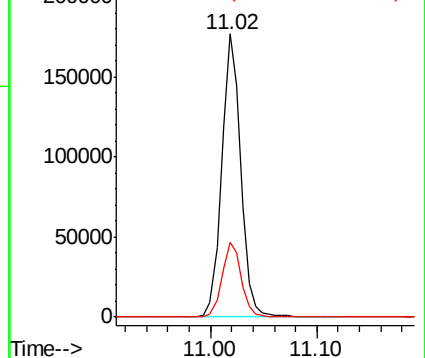
105 100

120 26.6 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.11 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Tgt Ion: 43 Resp: 104989

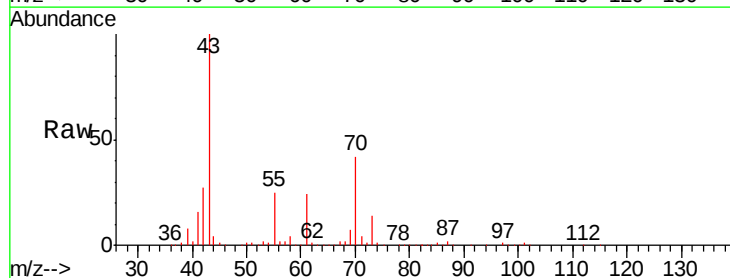
Ion Ratio Lower Upper

43 100

70 40.2 32.6 48.8

55 25.3 21.6 32.4

61 23.1 19.1 28.7

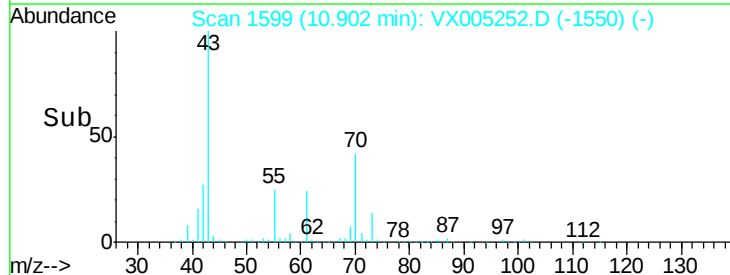
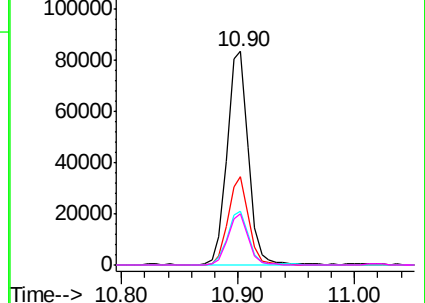


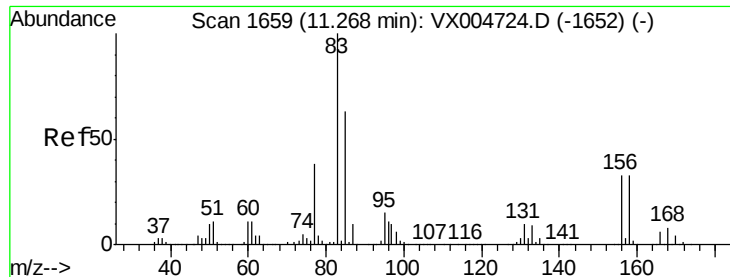
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.70 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS09

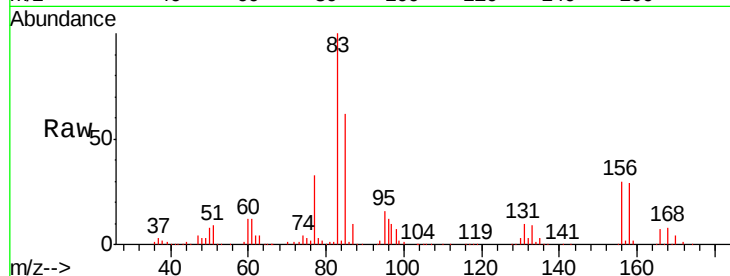
Tgt Ion: 83 Resp: 80830

Ion Ratio Lower Upper

83 100

131 10.9 5.1 15.3

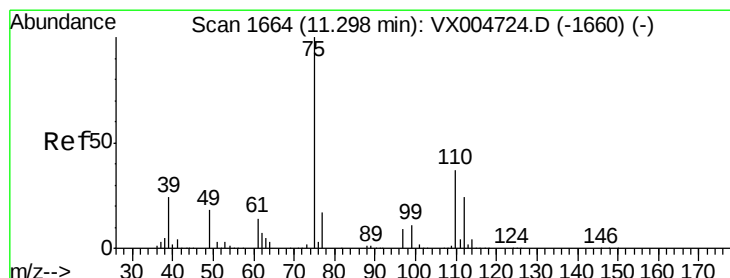
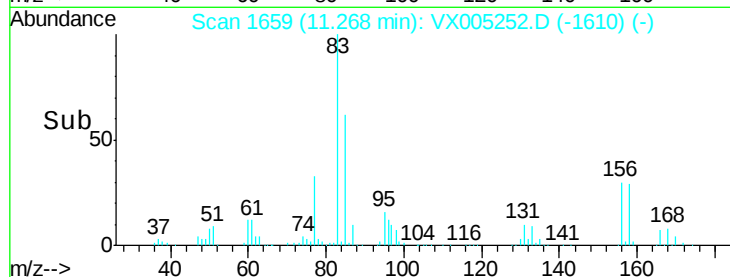
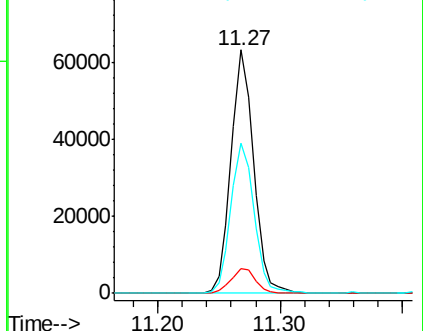
85 63.7 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.11 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX005252.D

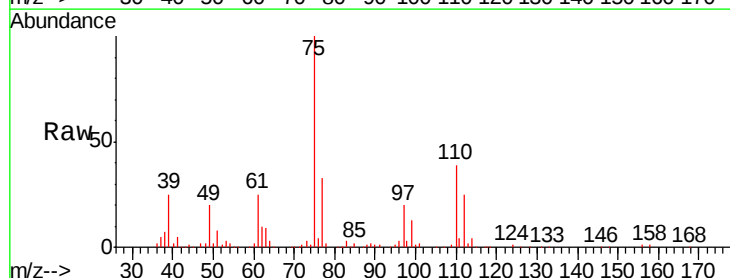
Acq: 11 Oct 2018 13:28

Tgt Ion: 75 Resp: 91051

Ion Ratio Lower Upper

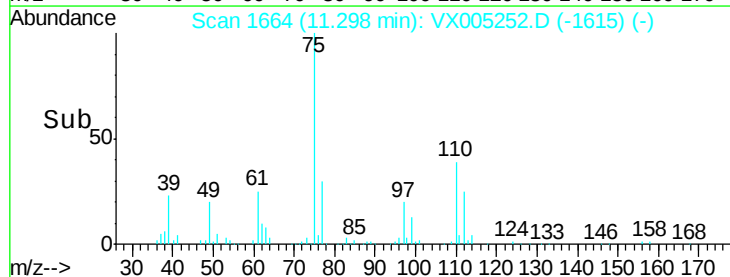
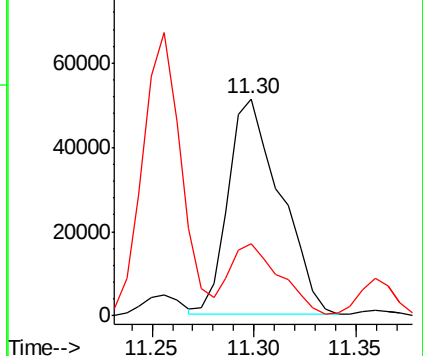
75 100

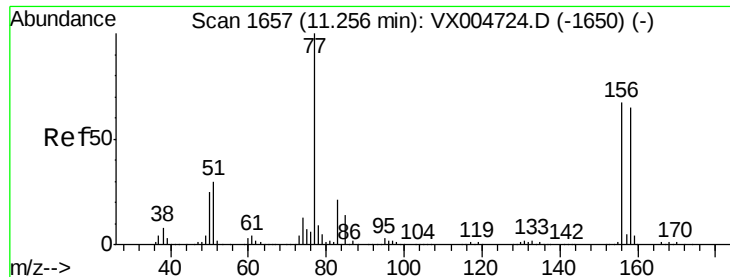
77 32.3 21.4 64.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.11 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS09

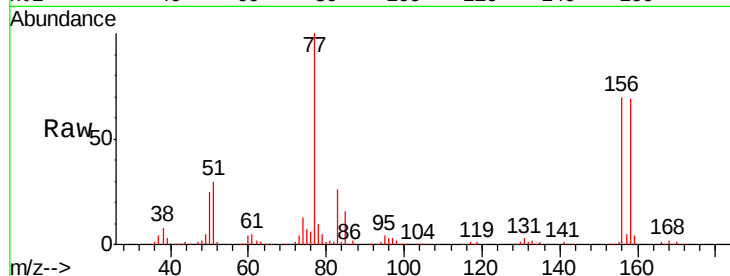
Tgt Ion:156 Resp: 62038

Ion Ratio Lower Upper

156 100

77 142.8 73.4 220.2

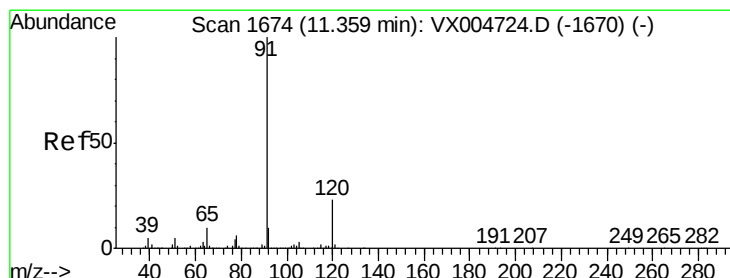
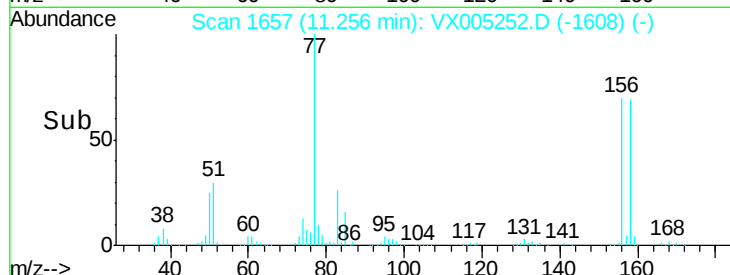
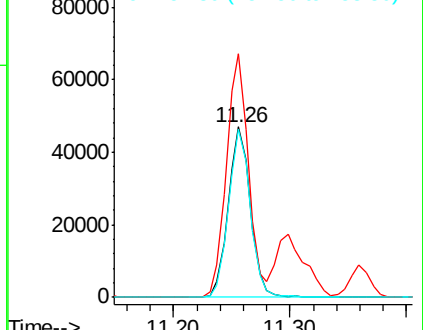
158 97.2 49.1 147.4



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: 21.23 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005252.D

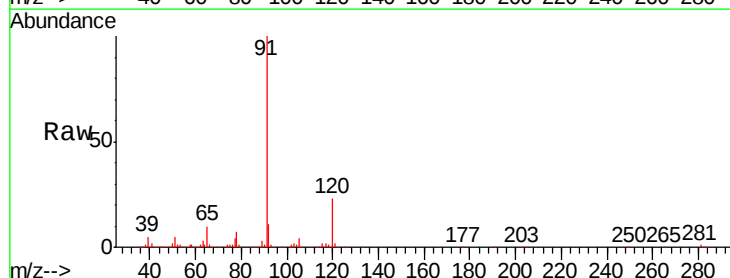
Acq: 11 Oct 2018 13:28

Tgt Ion: 91 Resp: 258678

Ion Ratio Lower Upper

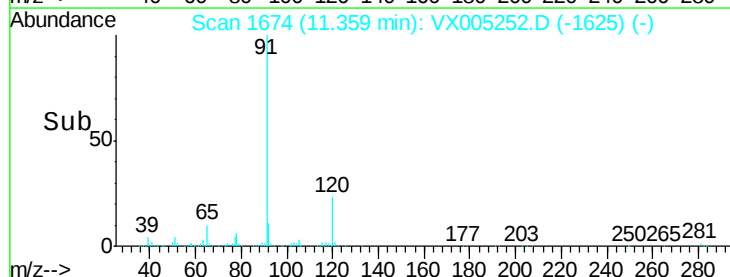
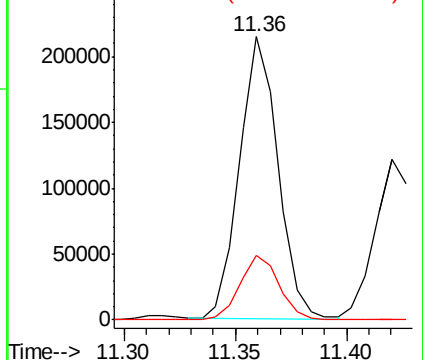
91 100

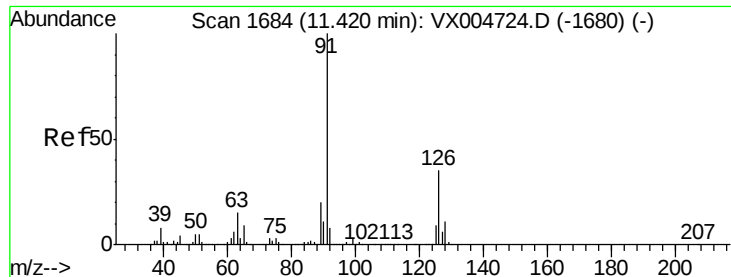
120 23.6 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.30 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Instrument :

MSVOA_X

ClientSampleId :

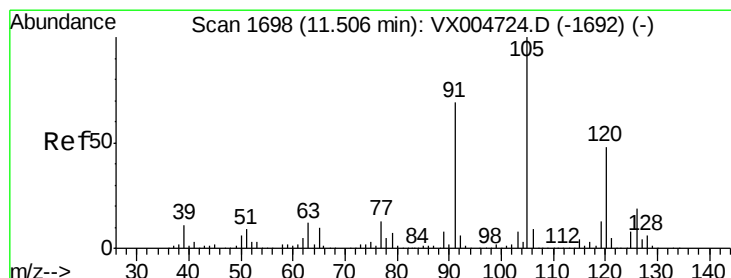
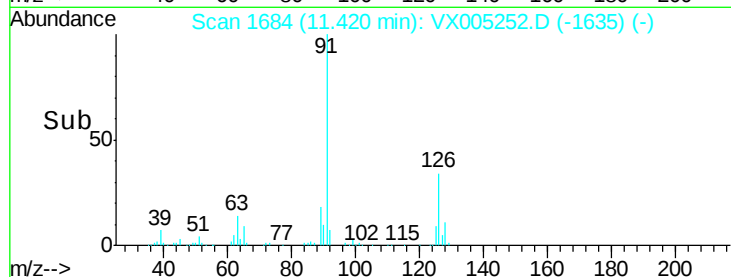
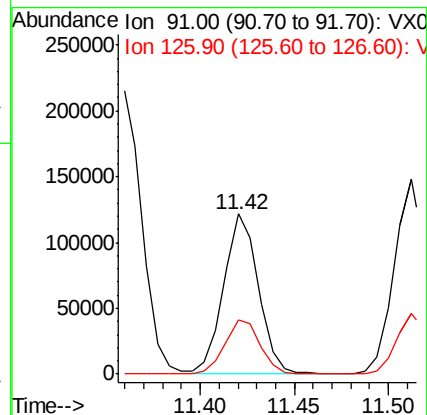
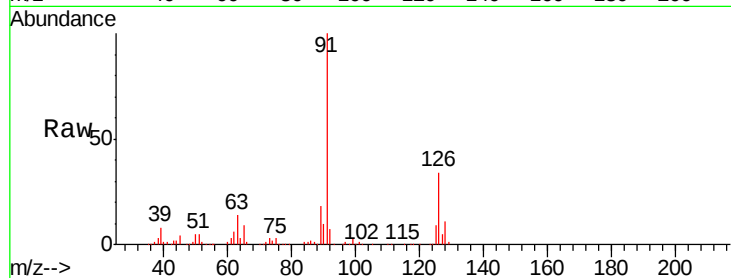
VX1010WBS09

Tgt Ion: 91 Resp: 154164

Ion Ratio Lower Upper

91 100

126 35.4 17.6 52.9



#80

1,3,5-Trimethylbenzene

Concen: 19.28 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX005252.D

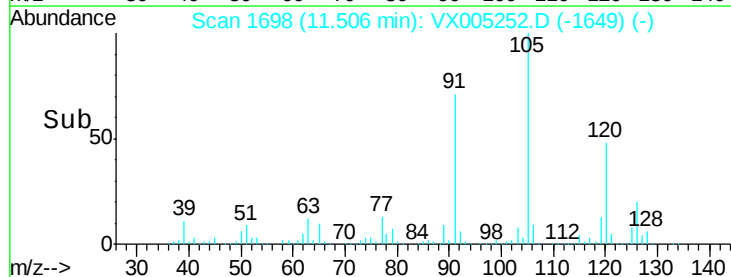
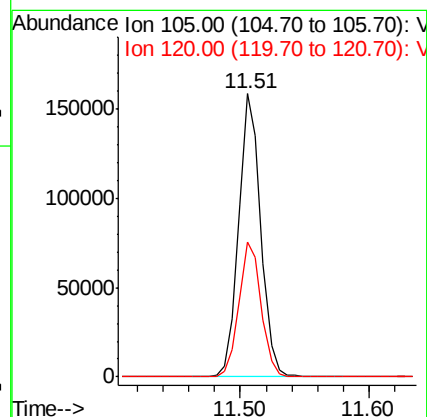
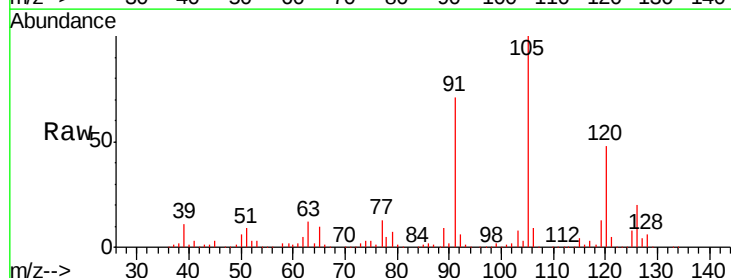
Acq: 11 Oct 2018 13:28

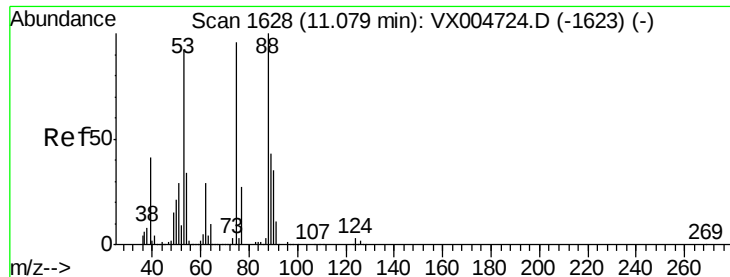
Tgt Ion: 105 Resp: 188840

Ion Ratio Lower Upper

105 100

120 48.5 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 16.74 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS09

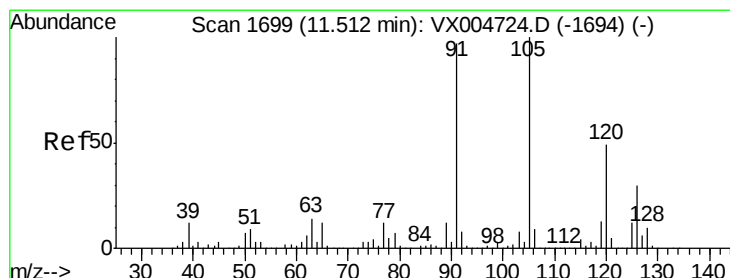
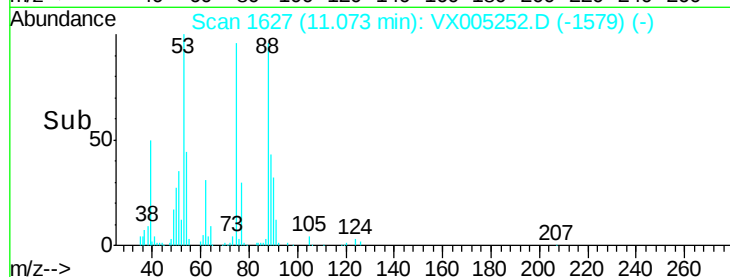
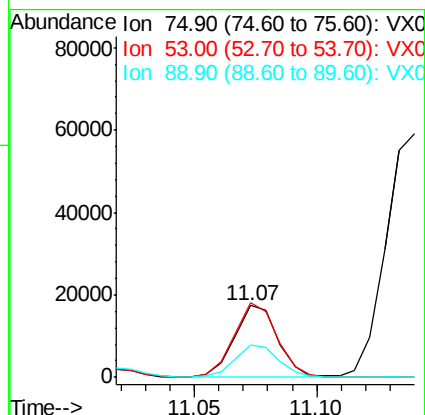
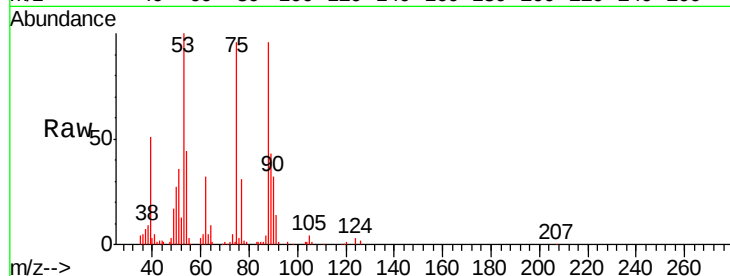
Tgt Ion: 75 Resp: 21272

Ion Ratio Lower Upper

75 100

53 103.6 80.2 120.4

89 46.8 37.1 55.7



#82

4-Chlorotoluene

Concen: 20.42 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX005252.D

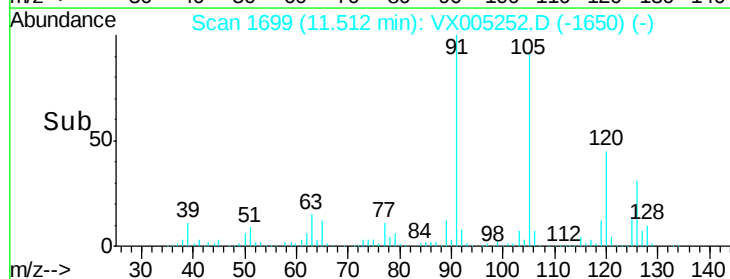
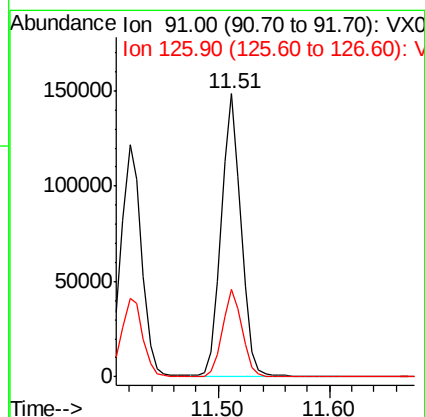
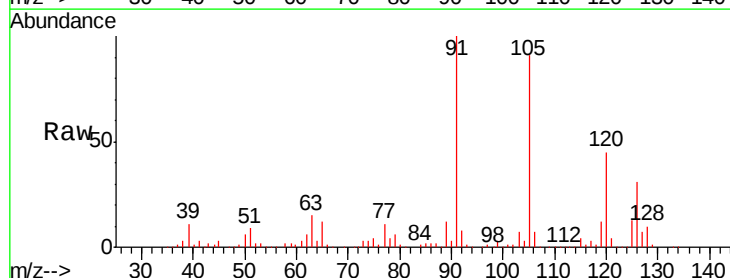
Acq: 11 Oct 2018 13:28

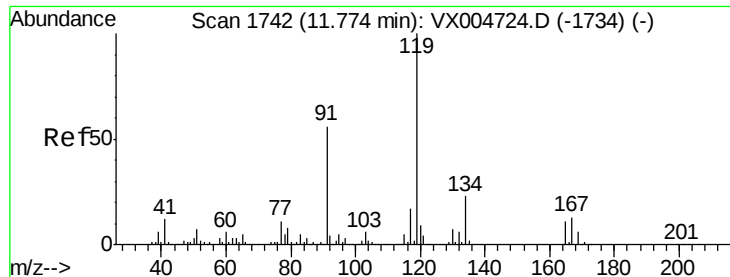
Tgt Ion: 91 Resp: 182507

Ion Ratio Lower Upper

91 100

126 30.8 15.5 46.5

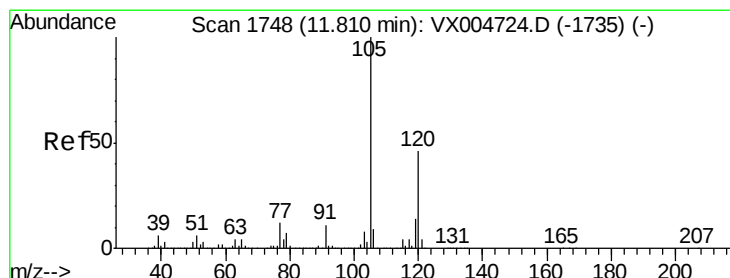
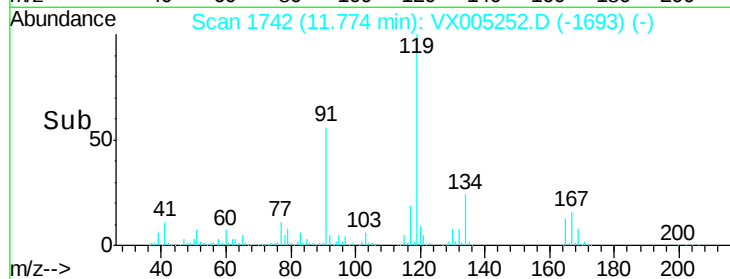
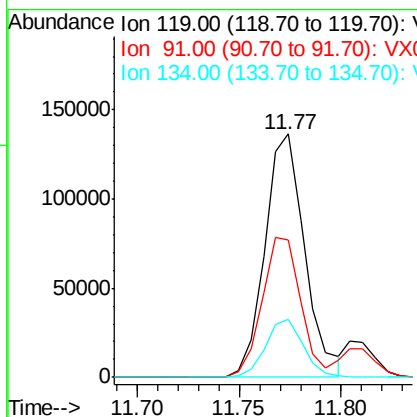
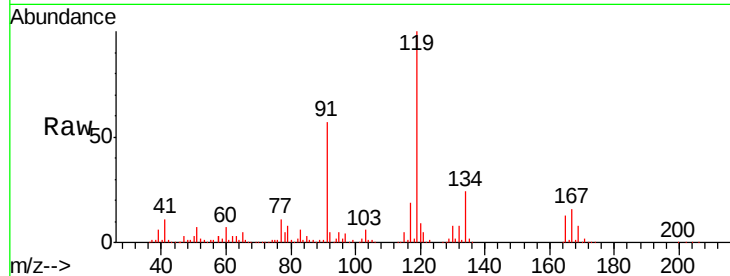




#83
 tert-Butylbenzene
 Concen: 21.24 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX005252.D
 Acq: 11 Oct 2018 13:28

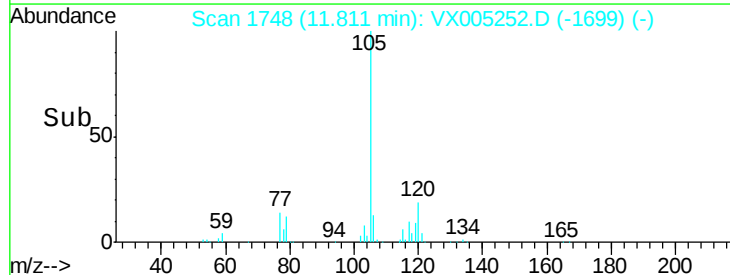
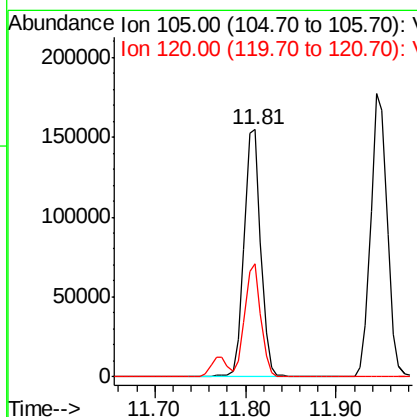
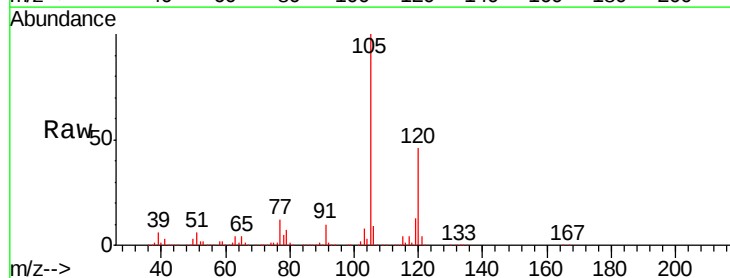
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS09

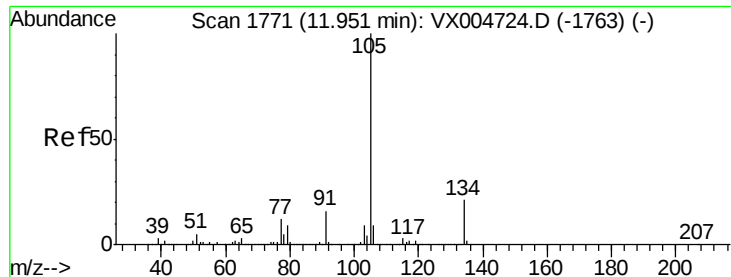
Tgt Ion:	119	Resp:	185697
Ion	Ratio	Lower	Upper
119	100		
91	55.9	27.5	82.5
134	23.0	11.5	34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 19.55 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX005252.D
 Acq: 11 Oct 2018 13:28

Tgt Ion:	105	Resp:	197408
Ion	Ratio	Lower	Upper
105	100		
120	43.9	22.8	68.3

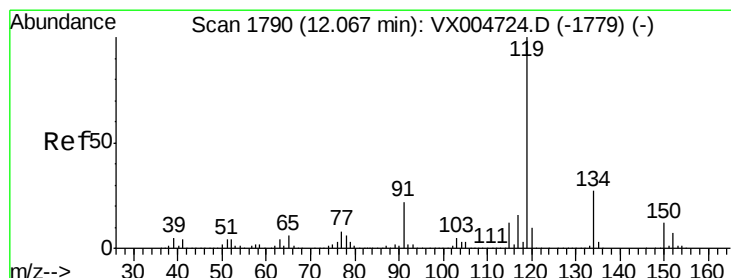
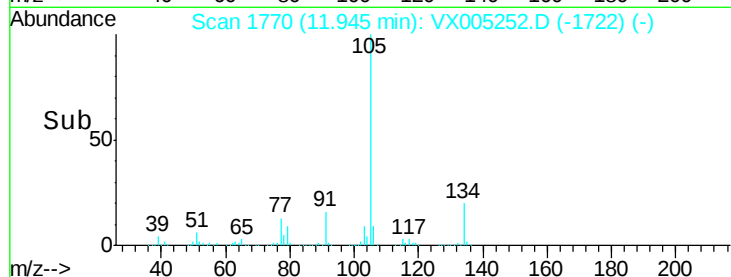
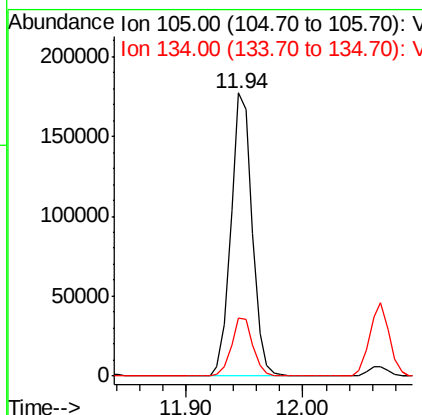
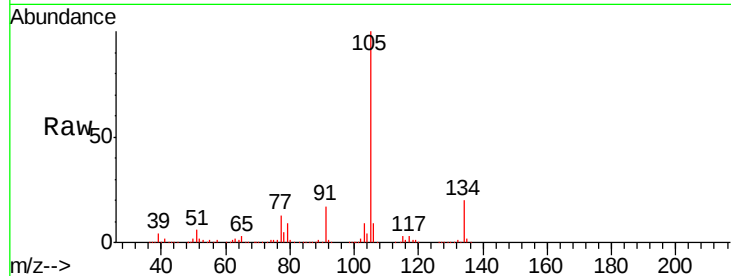




#85
 sec-Butylbenzene
 Concen: 21.06 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: VX005252.D
 Acq: 11 Oct 2018 13:28

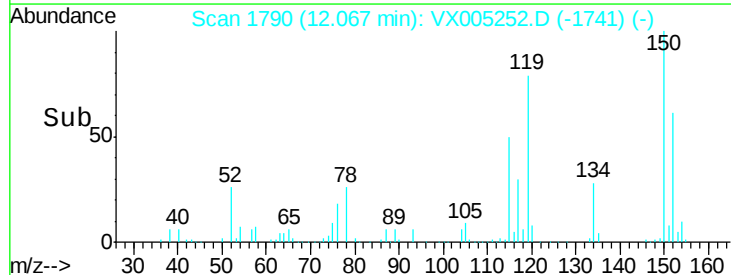
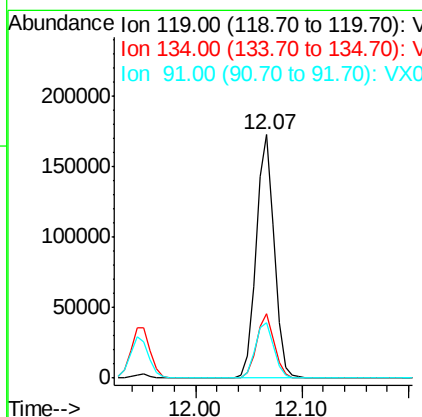
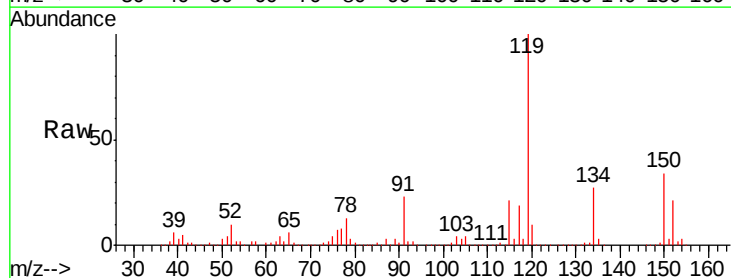
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS09

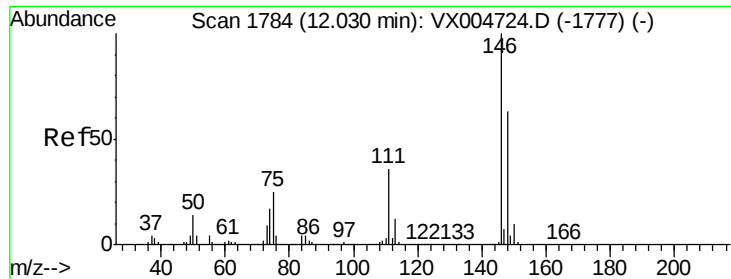
Tgt Ion:105 Resp: 224292
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 21.21 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX005252.D
 Acq: 11 Oct 2018 13:28

Tgt Ion:119 Resp: 204609
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.4 40.1
 91 23.5 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 19.67 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS09

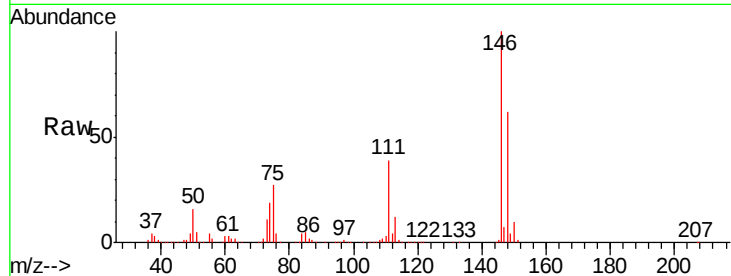
Tgt Ion:146 Resp: 113301

Ion Ratio Lower Upper

146 100

111 37.9 18.9 56.9

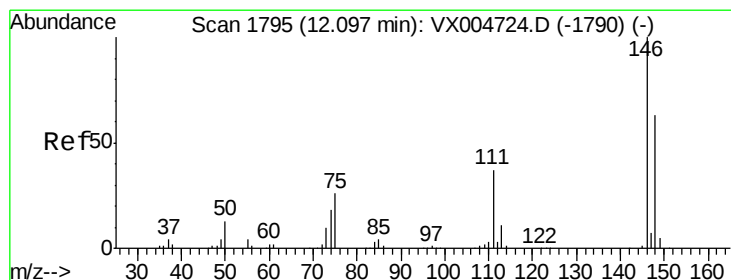
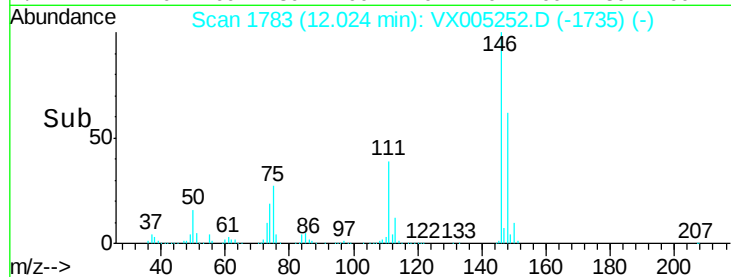
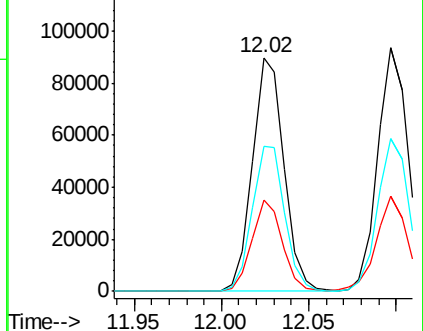
148 64.0 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.25 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

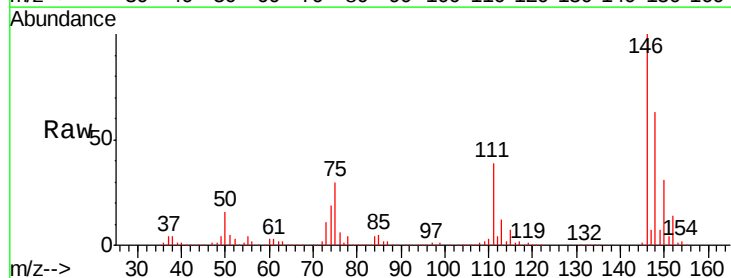
Tgt Ion:146 Resp: 114459

Ion Ratio Lower Upper

146 100

111 39.2 18.4 55.2

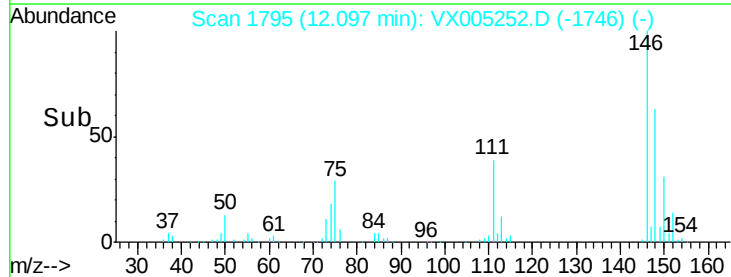
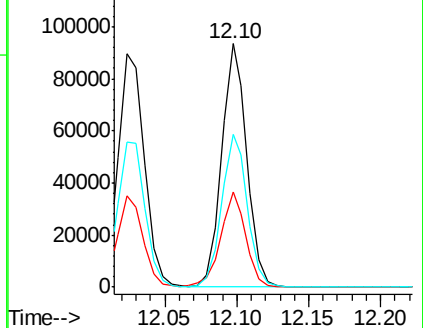
148 64.2 32.0 96.0

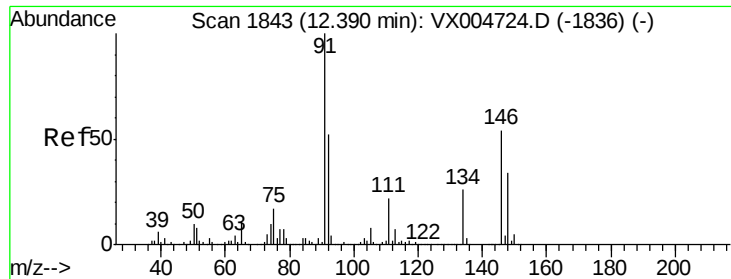


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

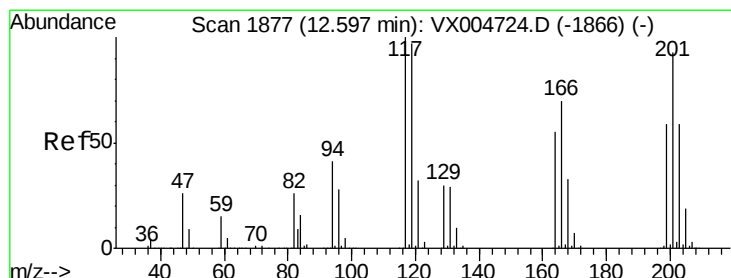
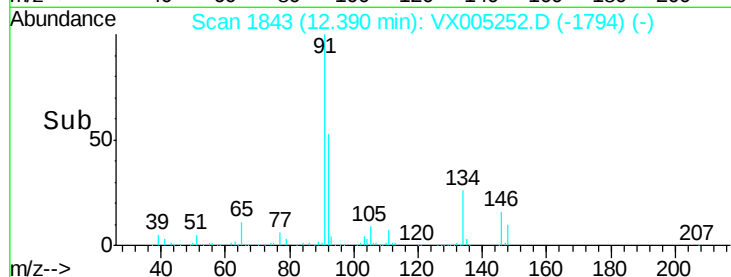
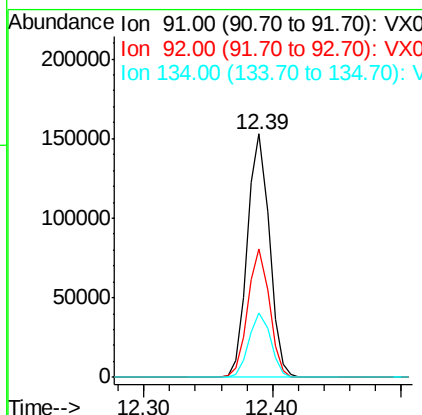
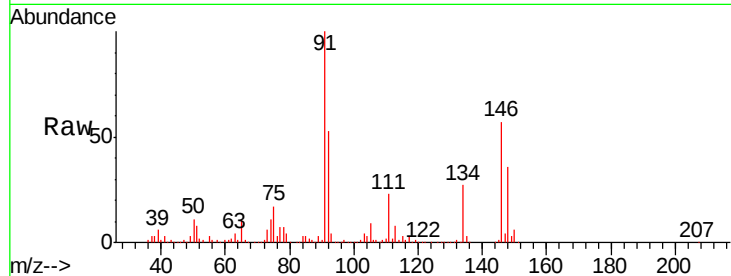




#89
n-Butylbenzene
Concen: 20.50 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

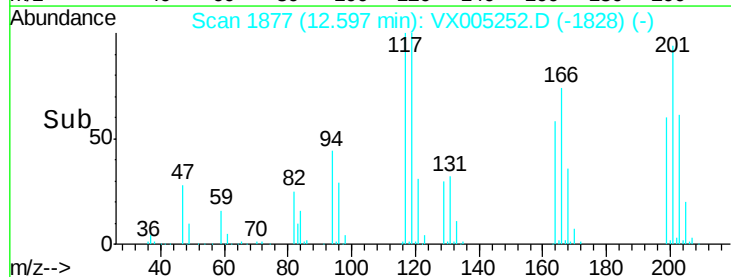
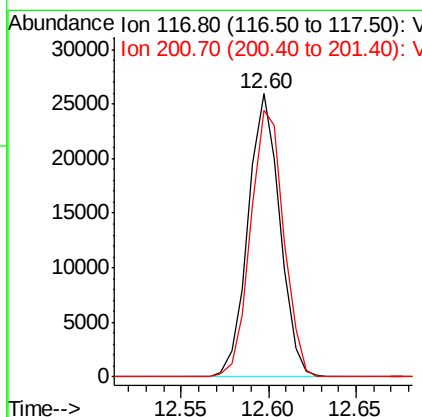
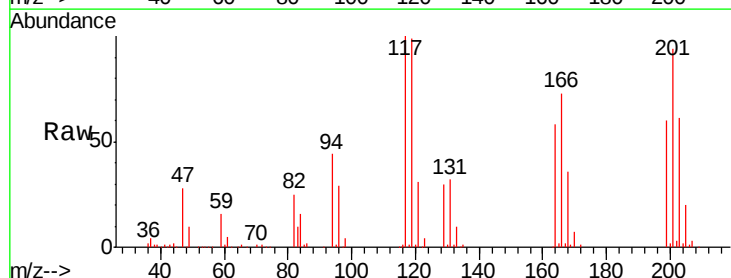
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS09

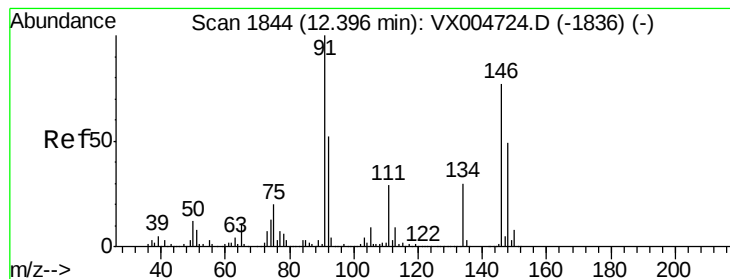
Tgt Ion: 91 Resp: 179625
Ion Ratio Lower Upper
91 100
92 51.8 26.0 78.0
134 26.1 13.2 39.6



#90
Hexachloroethane
Concen: 20.38 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

Tgt Ion: 117 Resp: 32735
Ion Ratio Lower Upper
117 100
201 98.0 48.4 145.0





#91

1,2-Dichlorobenzene

Concen: 18.95 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS09

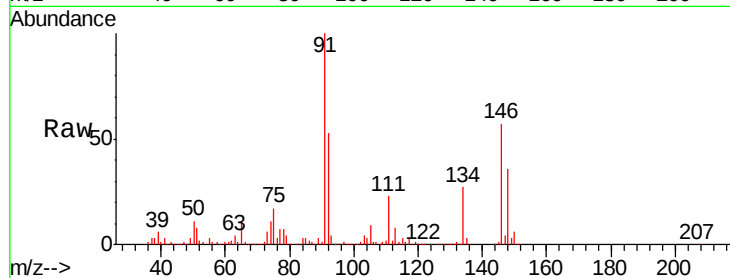
Tgt Ion:146 Resp: 114054

Ion Ratio Lower Upper

146 100

111 39.5 19.6 58.7

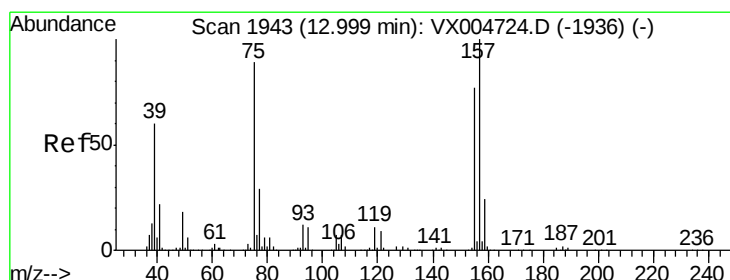
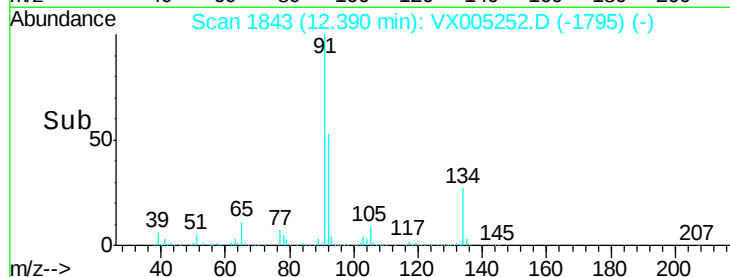
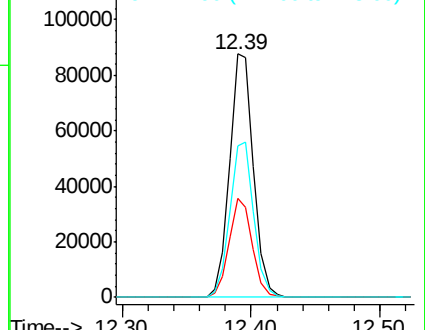
148 64.0 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.96 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

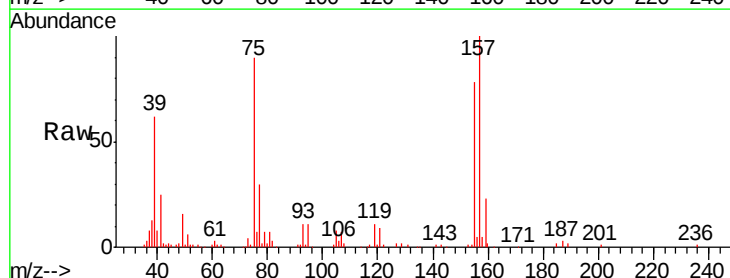
Tgt Ion: 75 Resp: 18949

Ion Ratio Lower Upper

75 100

155 94.2 46.1 138.3

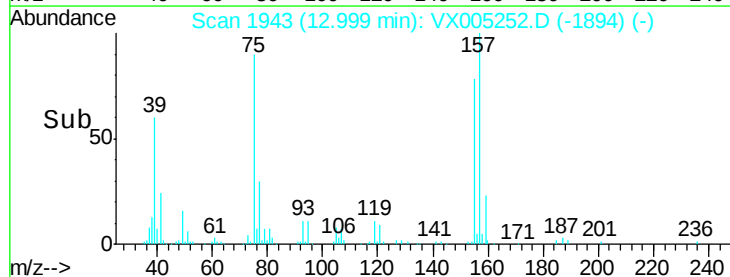
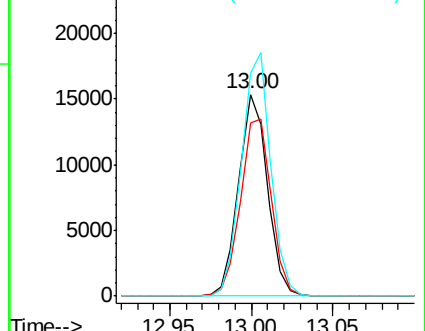
157 122.6 60.2 180.6

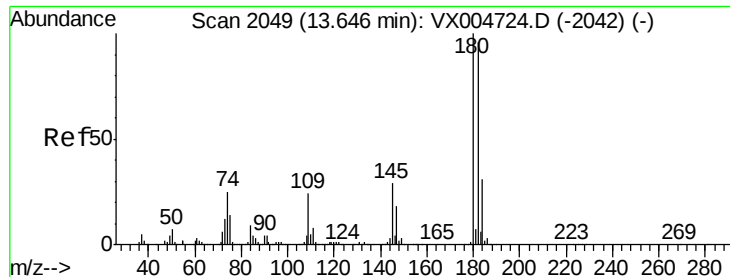


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

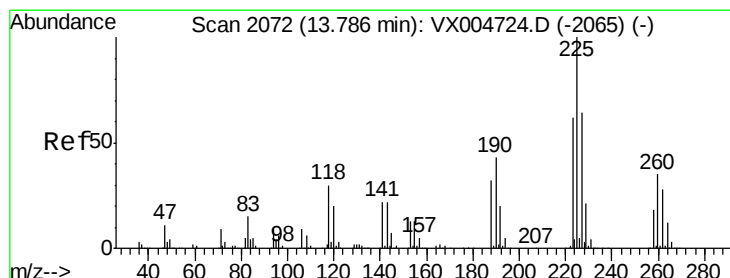
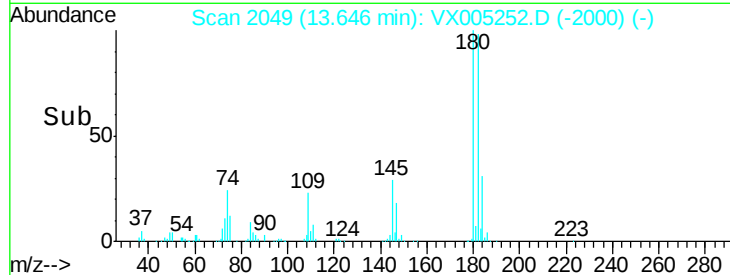
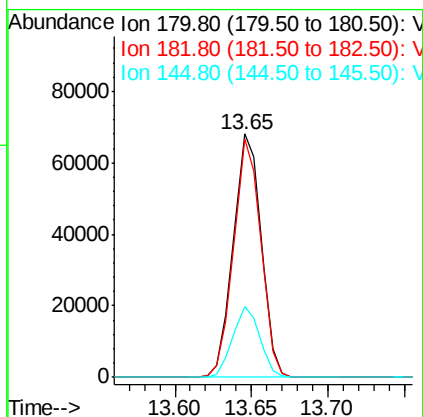
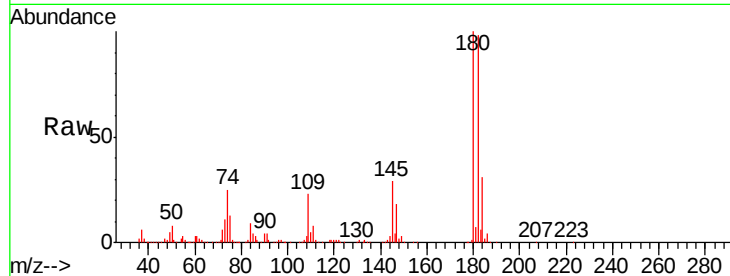




#93
 1,2,4-Trichlorobenzene
 Concen: 20.44 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005252.D
 Acq: 11 Oct 2018 13:28

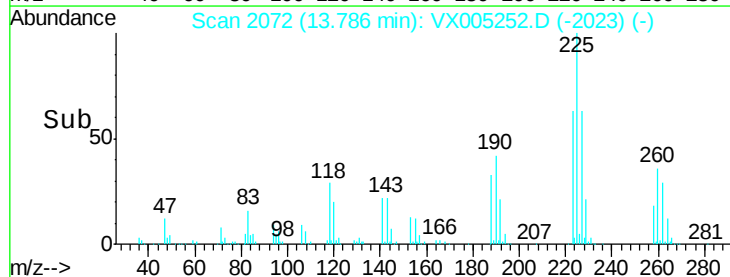
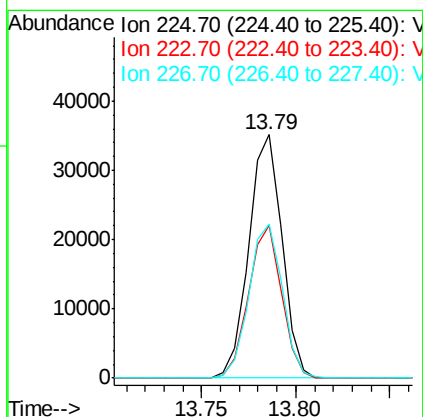
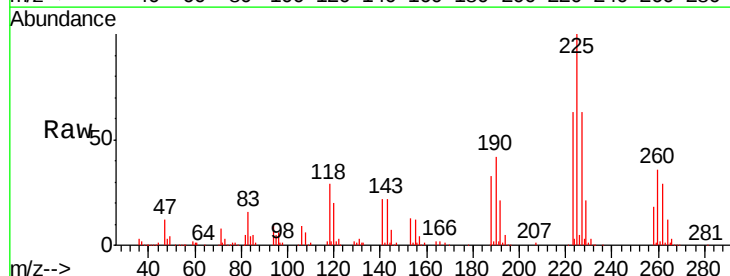
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS09

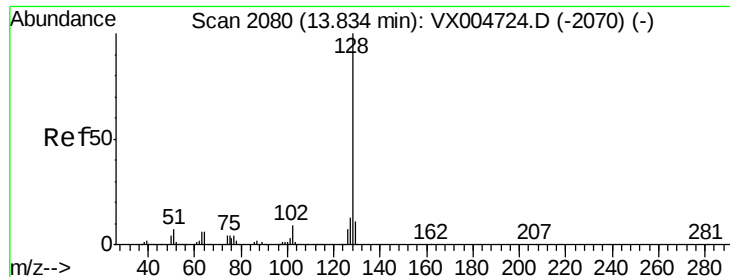
Tgt Ion:180 Resp: 86311
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.8 143.4
 145 28.2 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 19.64 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX005252.D
 Acq: 11 Oct 2018 13:28

Tgt Ion:225 Resp: 42998
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.3 93.8
 227 63.7 31.9 95.5





#95

Naphthalene

Concen: 19.00 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Instrument :

MSVOA_X

ClientSampled :

VX1010WBS09

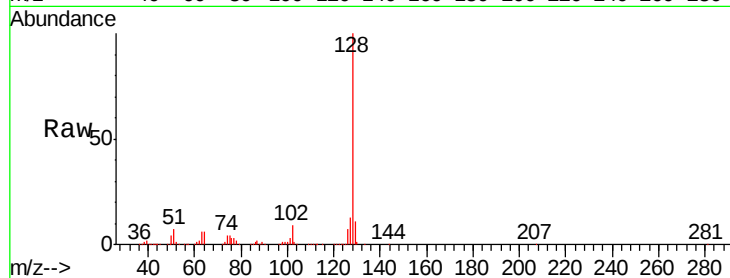
Tgt Ion:128 Resp: 259873

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

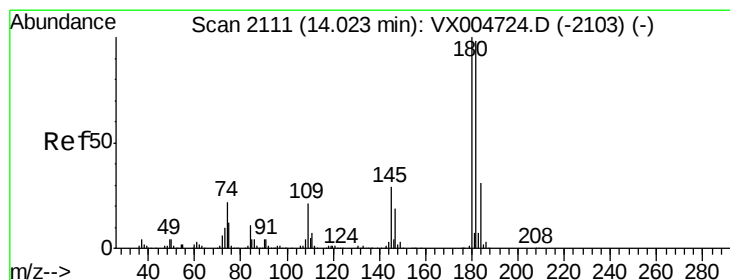
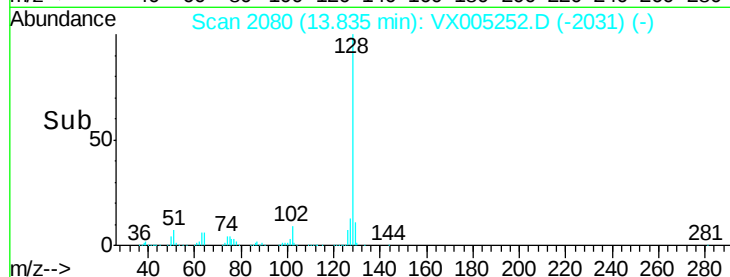
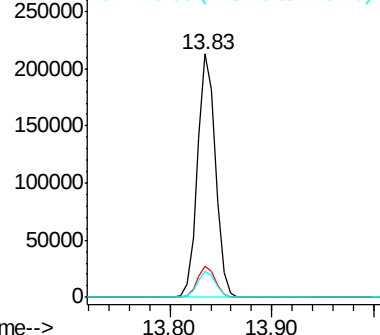
129 10.8 8.7 13.1



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: 20.41 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

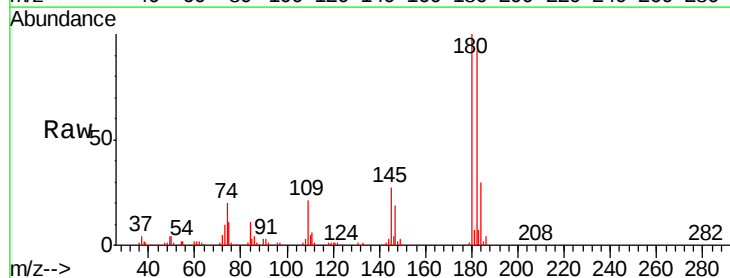
Tgt Ion:180 Resp: 89030

Ion Ratio Lower Upper

180 100

182 94.5 47.9 143.8

145 28.9 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

