

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100318\
 Data File : VX004926.D
 Acq On : 02 Oct 2018 18:34
 Operator : JC/MD
 Sample : VX1003WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBSD01

Quant Time: Oct 03 04:42:03 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	158909	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	285380	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	284589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166811	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	150043	66.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	132.20%	
35) Dibromofluoromethane	5.50	113	118119	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
50) Toluene-d8	8.72	98	418081	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	
62) 4-Bromofluorobenzene	11.14	95	157235	54.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	36806	16.987	ug/l	97
3) Chloromethane	1.32	50	60426	22.987	ug/l	100
4) Vinyl Chloride	1.40	62	51517	20.895	ug/l	98
5) Bromomethane	1.64	94	31790	21.744	ug/l	93
6) Chloroethane	1.71	64	34519	24.504	ug/l	97
7) Trichlorofluoromethane	1.92	101	57527	18.848	ug/l	96
8) Diethyl Ether	2.19	74	36051	27.188	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	29268	16.834	ug/l	98
10) Methyl Iodide	2.51	142	32674	14.044	ug/l	91
11) Tert butyl alcohol	3.08	59	100477	158.302	ug/l	99
12) 1,1-Dichloroethene	2.37	96	35770	20.774	ug/l	93
13) Acrolein	2.29	56	33416	73.995	ug/l	93
14) Allyl chloride	2.72	41	99206	26.406	ug/l	97
15) Acrylonitrile	3.15	53	215720	154.388	ug/l	97
16) Acetone	2.45	43	197289	148.866	ug/l	94
17) Carbon Disulfide	2.56	76	99603	19.251	ug/l	99
18) Methyl Acetate	2.78	43	122122	36.370	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	177421	29.873	ug/l	96
20) Methylene Chloride	2.85	84	54978	28.165	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	43774	23.224	ug/l	86
22) Diisopropyl ether	3.87	45	172197	27.219	ug/l	96
23) Vinyl Acetate	3.82	43	815882	140.892	ug/l	98
24) 1,1-Dichloroethane	3.70	63	95758	25.375	ug/l	99
25) 2-Butanone	4.71	43	288753	147.813	ug/l	95
26) 2,2-Dichloropropane	4.58	77	58906	22.416	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	51545	24.480	ug/l	94
28) Bromochloromethane	5.02	49	44159	24.849	ug/l	96
29) Tetrahydrofuran	5.16	42	188047	154.877	ug/l	98
30) Chloroform	5.21	83	90155	25.278	ug/l	97
31) Cyclohexane	5.57	56	51272	17.752	ug/l	89
32) 1,1,1-Trichloroethane	5.49	97	63569	21.825	ug/l	96
36) 1,1-Dichloropropene	5.80	75	51090	15.482	ug/l	95
37) Ethyl Acetate	4.86	43	100977	23.052	ug/l	98
38) Carbon Tetrachloride	5.78	117	50733	14.626	ug/l	95

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 ClientSampleId :
 VX1003WBSD01

Quant Time: Oct 03 04:42:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	44114	13.092	ug/l	89
40) Benzene	6.14	78	194221	18.800	ug/l	95
41) Methacrylonitrile	5.06	41	55221	22.732	ug/l	98
42) 1,2-Dichloroethane	6.20	62	76191	20.862	ug/l	98
43) Isopropyl Acetate	6.47	43	141804	22.429	ug/l	97
44) Trichloroethene	7.21	130	47456	18.686	ug/l	96
45) 1,2-Dichloropropane	7.52	63	54162	21.378	ug/l	96
46) Dibromomethane	7.66	93	36947	23.205	ug/l	98
47) Bromodichloromethane	7.90	83	68484	22.973	ug/l	98
48) Methyl methacrylate	7.78	41	72854	25.388	ug/l	98
49) 1,4-Dioxane	7.76	88	36651	514.096	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	524686	131.803	ug/l	99
52) Toluene	8.79	92	119154	20.990	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	74256	22.043	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	81800	23.183	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	55919	22.488	ug/l	93
56) Ethyl methacrylate	9.18	69	84623	22.634	ug/l	99
57) 1,3-Dichloropropane	9.37	76	94083	22.734	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	238084	119.033	ug/l	99
59) 2-Hexanone	9.50	43	419122	126.345	ug/l	94
60) Dibromochloromethane	9.59	129	55102	22.158	ug/l	97
61) 1,2-Dibromoethane	9.67	107	58353	21.912	ug/l	96
64) Tetrachloroethene	9.34	164	43428	15.505	ug/l	96
65) Chlorobenzene	10.14	112	135928	18.626	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	51188	19.952	ug/l	98
67) Ethyl Benzene	10.26	91	208292	17.978	ug/l	95
68) m/p-Xylenes	10.36	106	166917	36.868	ug/l	96
69) o-Xylene	10.70	106	83331	20.039	ug/l	100
70) Styrene	10.71	104	143347	19.782	ug/l	99
71) Bromoform	10.86	173	44502	20.261	ug/l #	96
73) Isopropylbenzene	11.02	105	203083	19.315	ug/l	99
74) N-amyl acetate	10.90	43	122205	22.155	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	94381	22.051	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	106117	28.382	ug/l	85
77) Bromobenzene	11.26	156	65012	21.288	ug/l	99
78) n-propylbenzene	11.36	91	229989	19.064	ug/l	98
79) 2-Chlorotoluene	11.42	91	158179	21.035	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	178160	18.362	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	24471	19.129	ug/l	97
82) 4-Chlorotoluene	11.51	91	180182	20.357	ug/l	100
83) tert-Butylbenzene	11.77	119	164880	19.046	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	186974	18.690	ug/l	100
85) sec-Butylbenzene	11.94	105	184534	17.501	ug/l	100
86) p-Isopropyltoluene	12.07	119	169420	17.734	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	112650	19.754	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	114940	19.525	ug/l	99
89) n-Butylbenzene	12.39	91	137207	15.814	ug/l	100
90) Hexachloroethane	12.60	117	27193	17.096	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	117430	19.705	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21966	23.374	ug/l	98

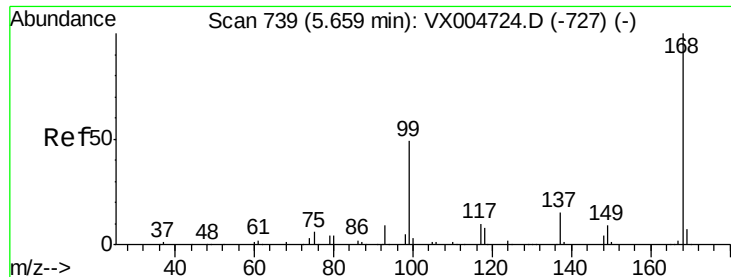
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100318\
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ClientSampleId :
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Quant Time: Oct 03 04:42:03 2018
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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	79706	19.066	ug/l	99
94) Hexachlorobutadiene	13.79	225	29576	13.643	ug/l	99
95) Naphthalene	13.83	128	280701	20.659	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	86129	19.944	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Instrument :

MSVOA_X

ClientSampleId :

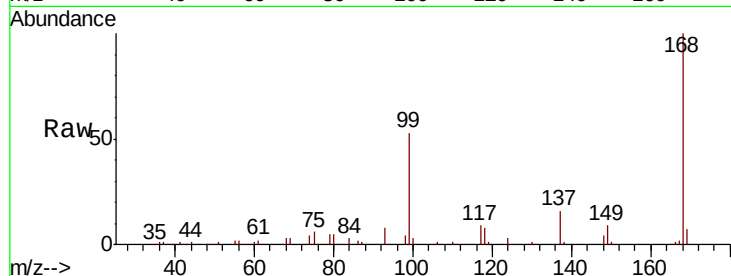
VX1003WBSD01

Tot Ion:168 Resp: 158909

Ion Ratio Lower Upper

168 100

99 52.7 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

60000

50000

40000

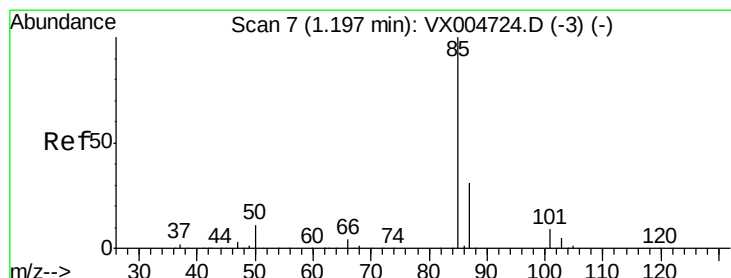
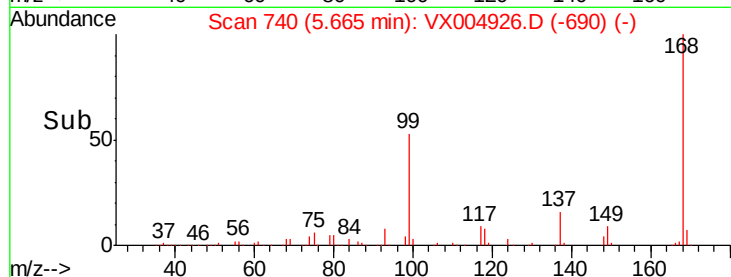
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 16.987 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX004926.D

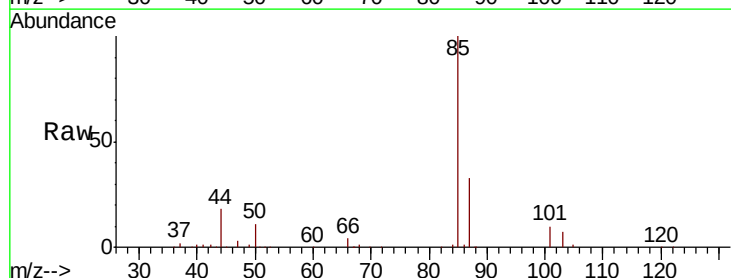
Acq: 02 Oct 2018 18:34

Tgt Ion: 85 Resp: 36806

Ion Ratio Lower Upper

85 100

87 33.1 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

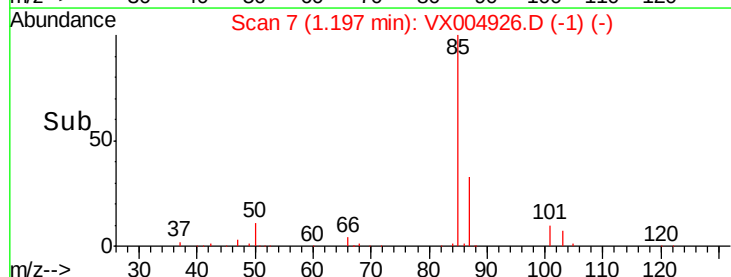
30000

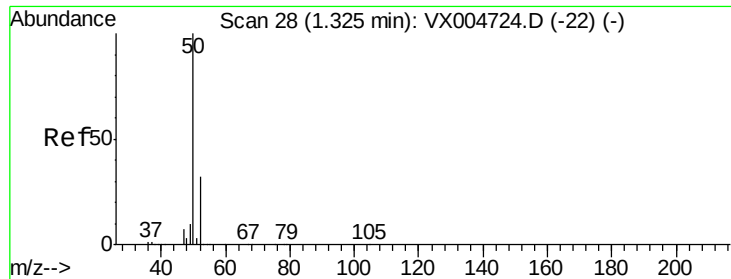
20000

10000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 22.987 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Instrument :

MSVOA_X

ClientSampleId :

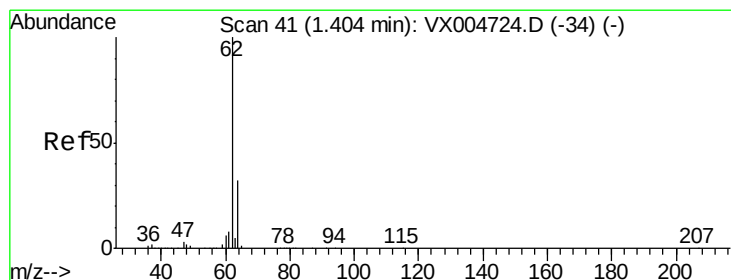
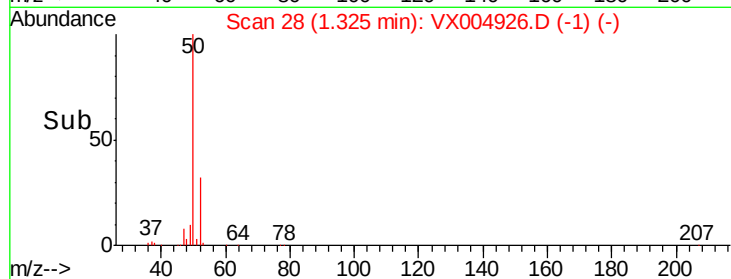
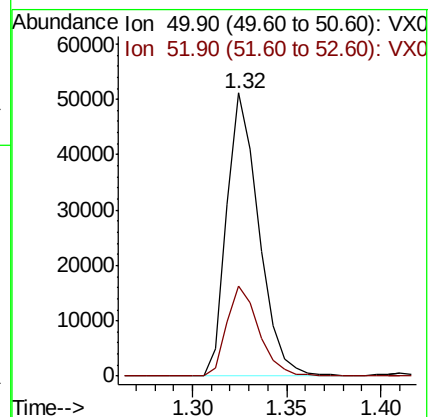
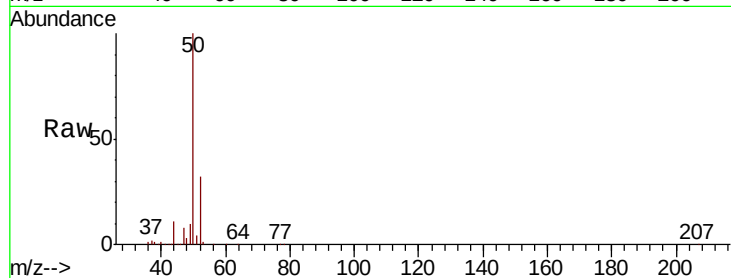
VX1003WBSD01

Tot Ion: 50 Resp: 60426

Ion Ratio Lower Upper

50 100

52 32.1 25.8 38.6



#4

Vinyl Chloride

Concen: 20.895 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004926.D

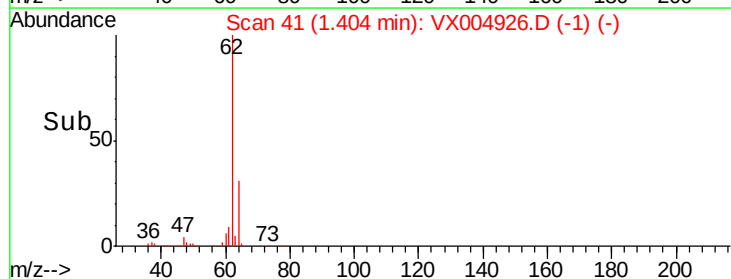
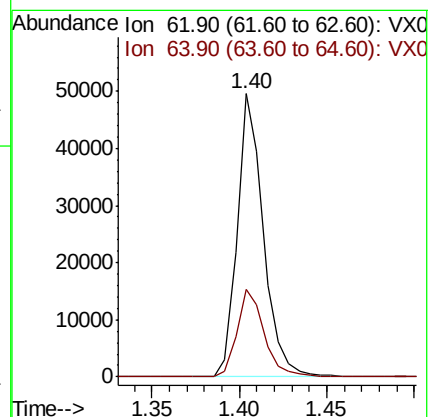
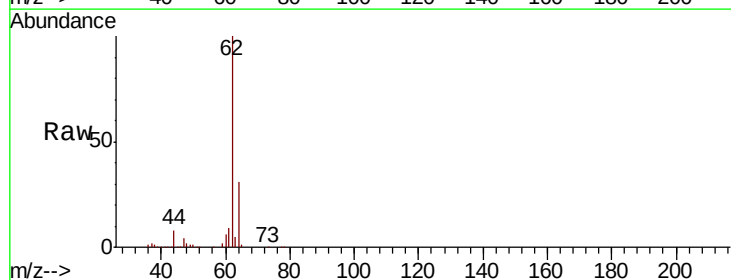
Acq: 02 Oct 2018 18:34

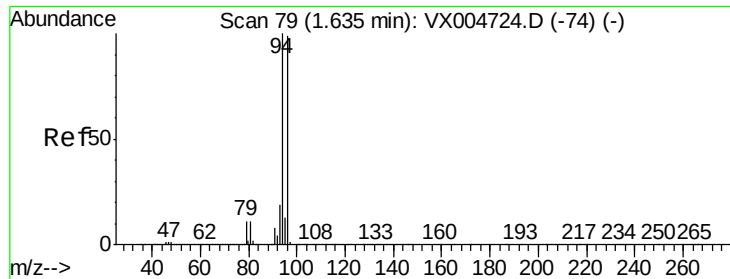
Tgt Ion: 62 Resp: 51517

Ion Ratio Lower Upper

62 100

64 30.6 25.5 38.3





#5

Bromomethane

Concen: 21.744 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Instrument :

MSVOA_X

ClientSampleId :

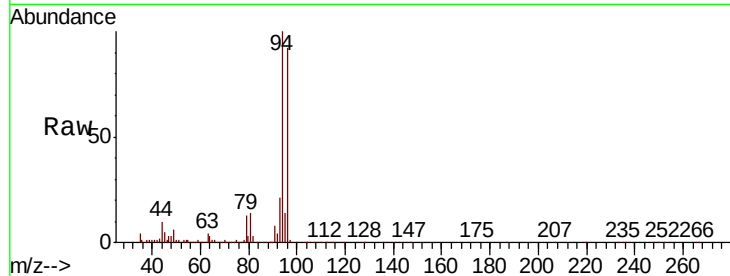
VX1003WBSD01

Tot Ion: 94 Resp: 31790

Ion Ratio Lower Upper

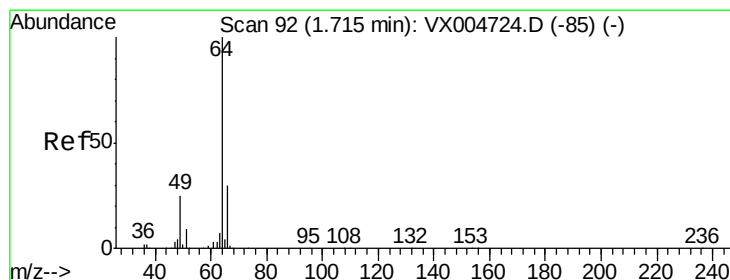
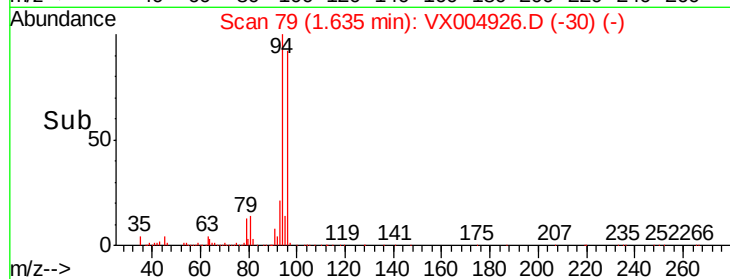
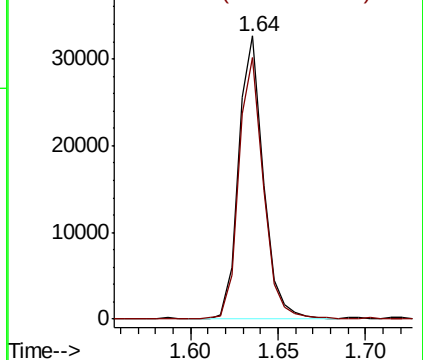
94 100

96 92.3 79.5 119.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 24.504 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX004926.D

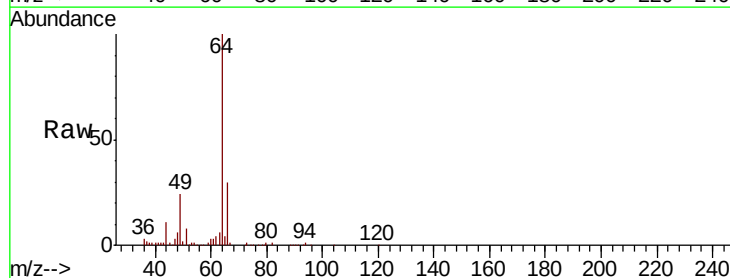
Acq: 02 Oct 2018 18:34

Tgt Ion: 64 Resp: 34519

Ion Ratio Lower Upper

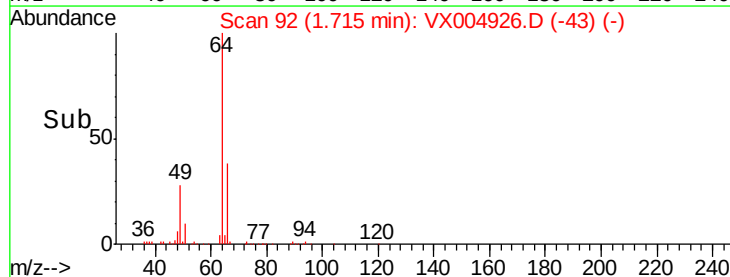
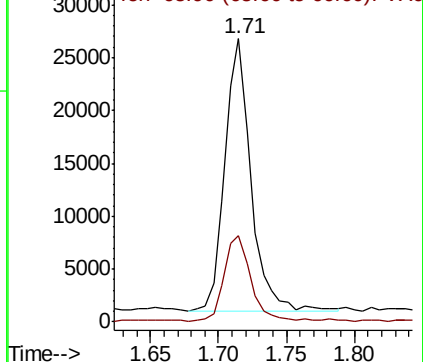
64 100

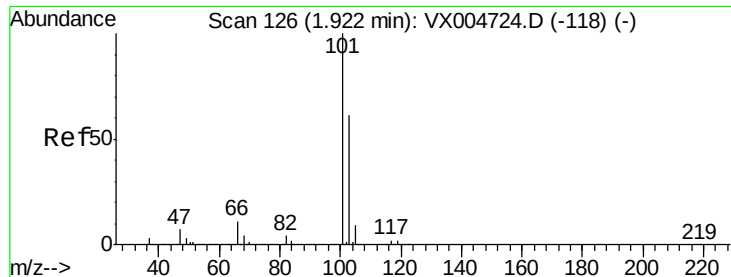
66 31.4 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



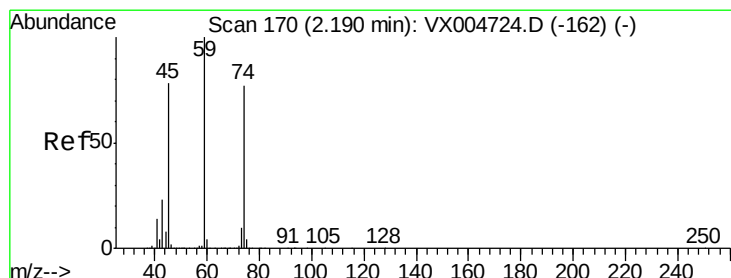
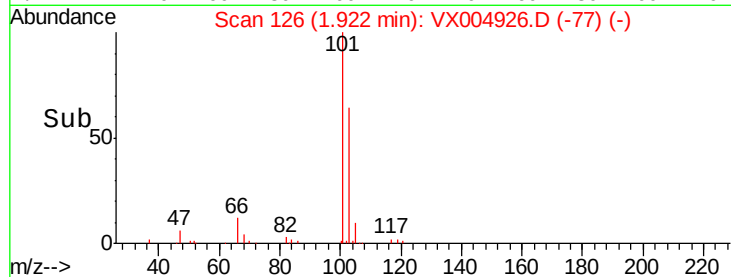
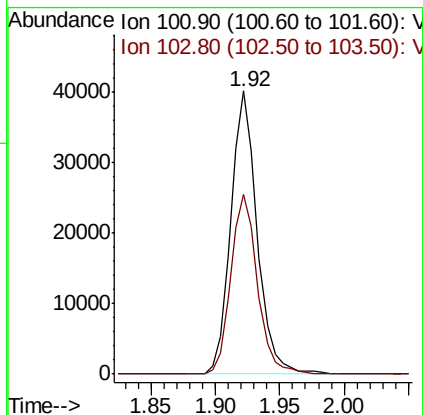
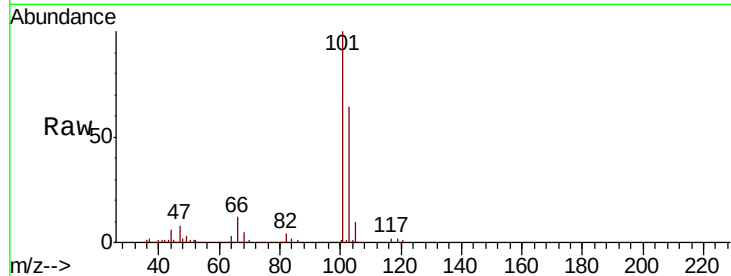


#7

Trichlorofluoromethane
Concen: 18.848 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBSD01

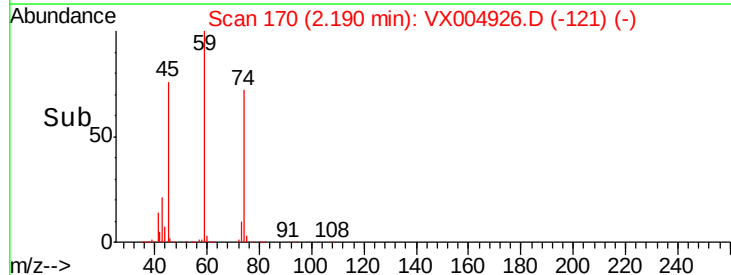
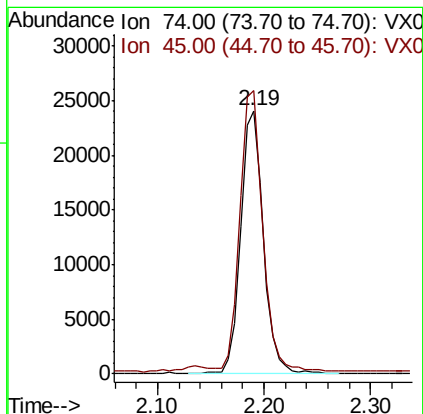
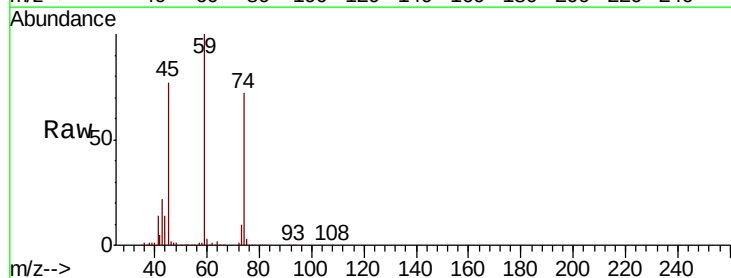
Tot Ion:101 Resp: 57527
Ion Ratio Lower Upper
101 100
103 63.5 48.4 72.6

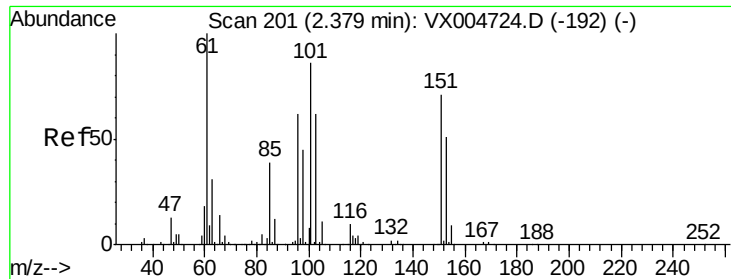


#8

Diethyl Ether
Concen: 27.188 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

Tgt Ion: 74 Resp: 36051
Ion Ratio Lower Upper
74 100
45 106.3 52.5 157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.834 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBSD01

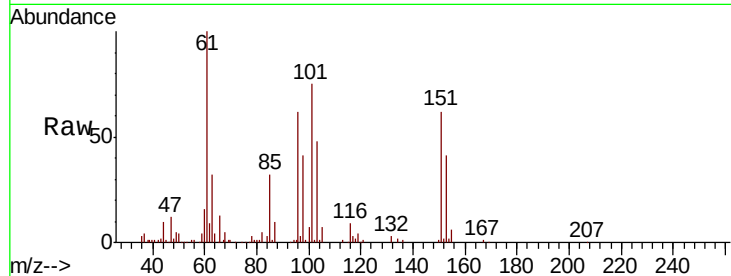
Tot Ion:101 Resp: 29268

Ion Ratio Lower Upper

101 100

85 45.8 35.9 53.9

151 85.9 66.6 100.0

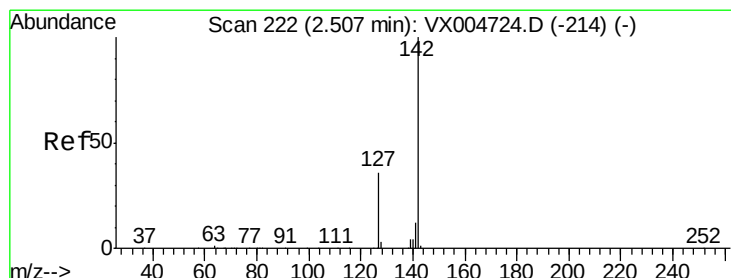
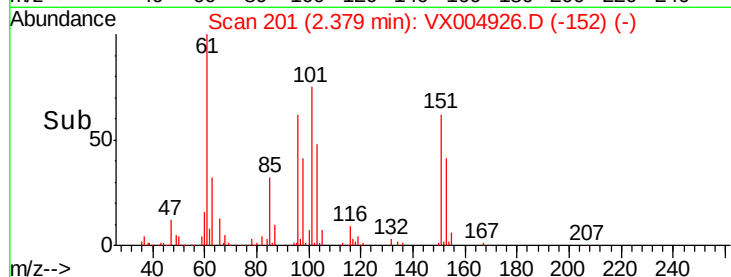
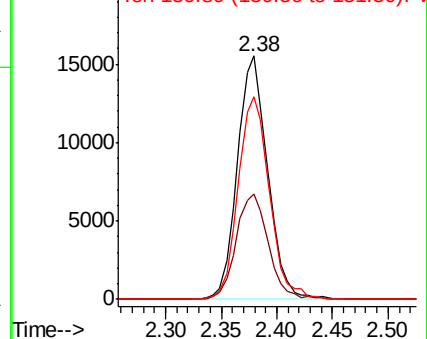


Abundance

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: 14.044 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

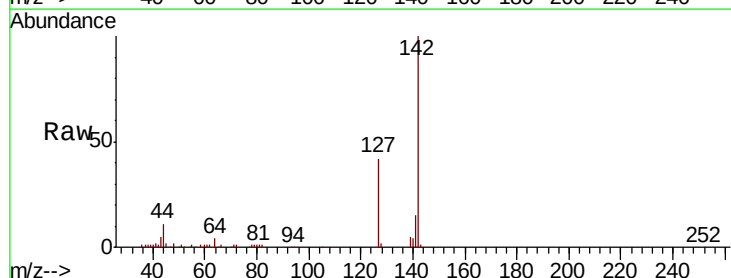
Tgt Ion:142 Resp: 32674

Ion Ratio Lower Upper

142 100

127 43.5 30.1 45.1

141 14.6 10.1 15.1

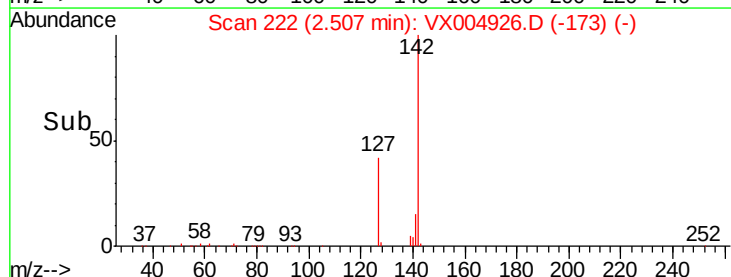
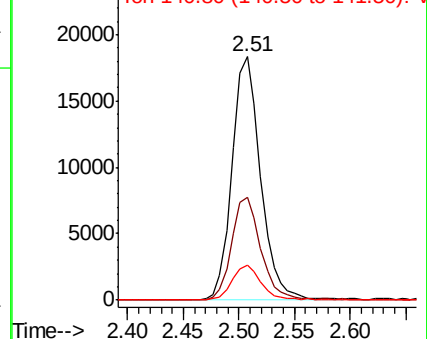


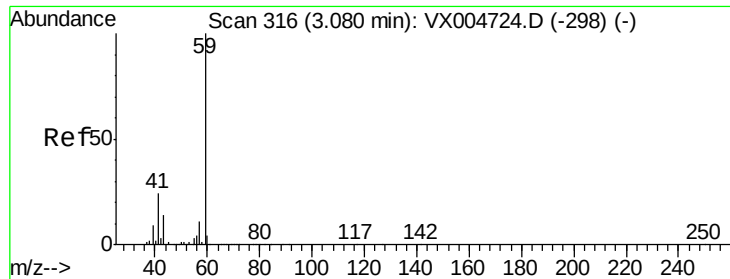
Abundance

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



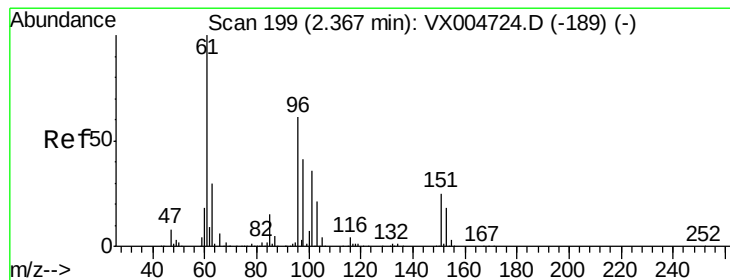
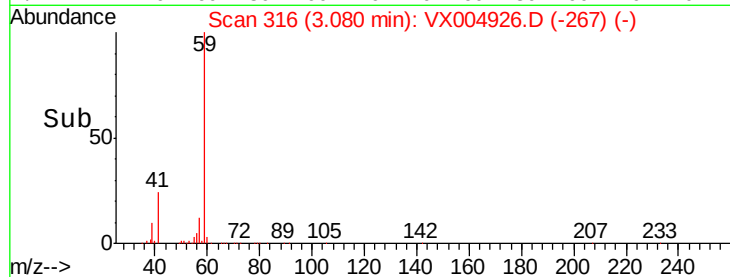
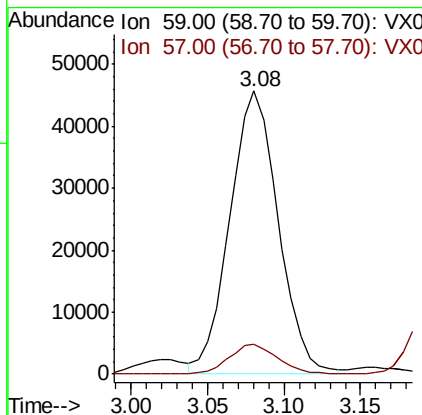
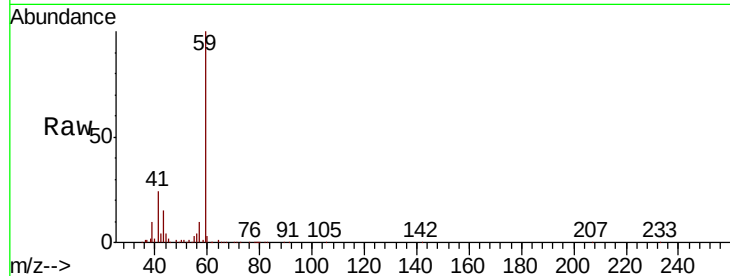


#11

Tert butyl alcohol
 Concen: 158.302 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX004926.D
 Acq: 02 Oct 2018 18:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBSD01

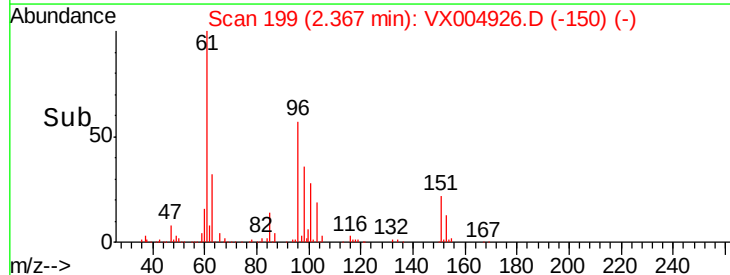
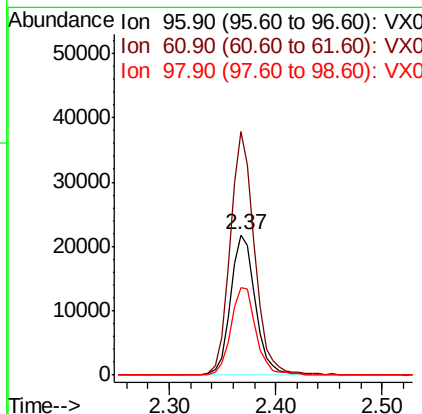
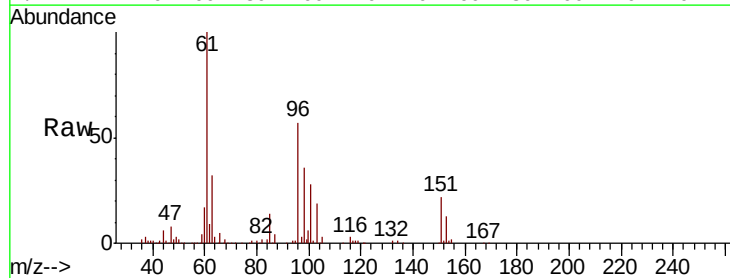
Tot Ion: 59 Resp: 100477
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.6 12.8

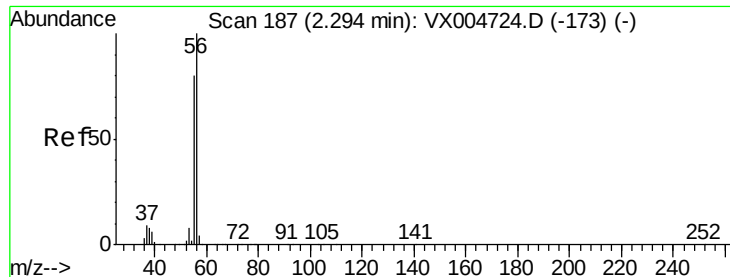


#12

1,1-Dichloroethene
 Concen: 20.774 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. 0.00 min
 Lab File: VX004926.D
 Acq: 02 Oct 2018 18:34

Tgt Ion: 96 Resp: 35770
 Ion Ratio Lower Upper
 96 100
 61 174.0 130.2 195.4
 98 62.7 53.4 80.0





#13

Acrolein

Concen: 73.995 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Instrument :

MSVOA_X

ClientSampleId :

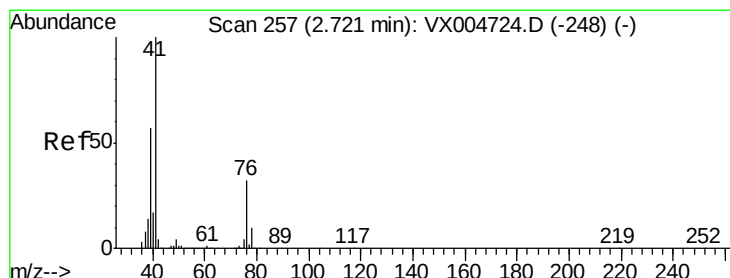
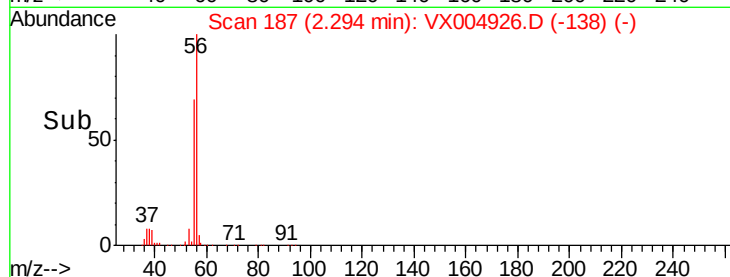
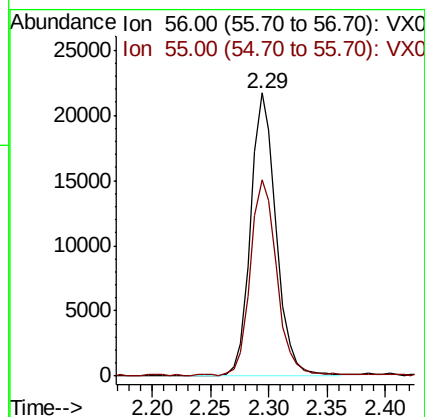
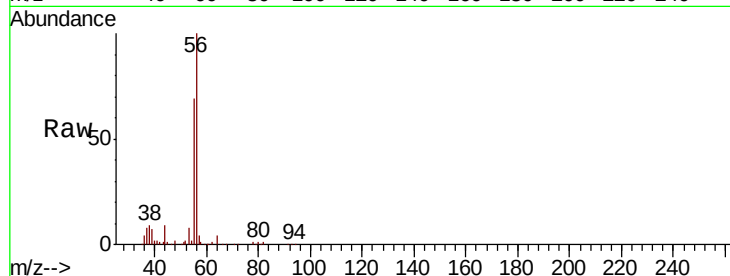
VX1003WBSD01

Tot Ion: 56 Resp: 33416

Ion Ratio Lower Upper

56 100

55 72.9 63.4 95.2



#14

Allyl chloride

Concen: 26.406 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

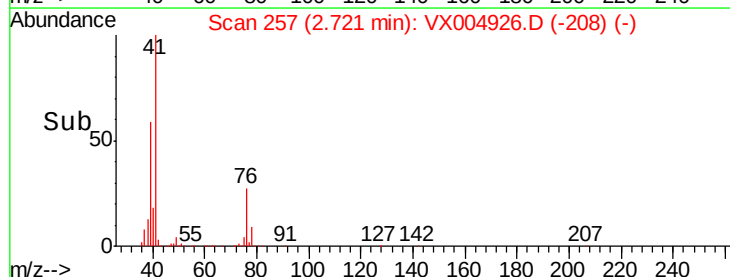
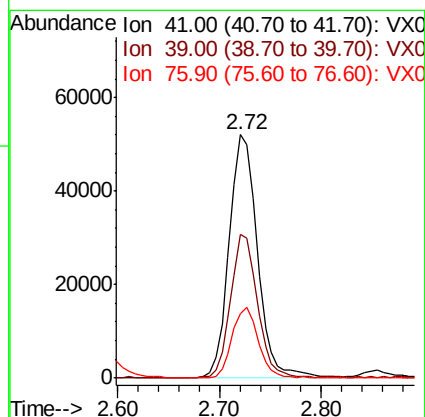
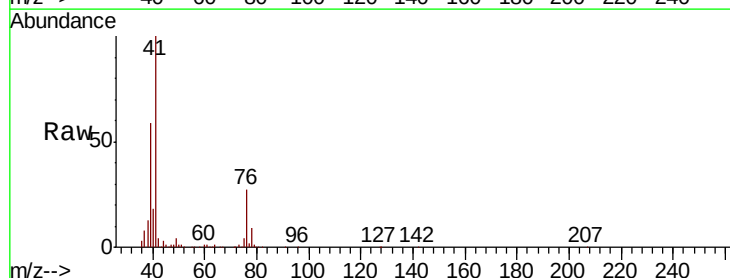
Tgt Ion: 41 Resp: 99206

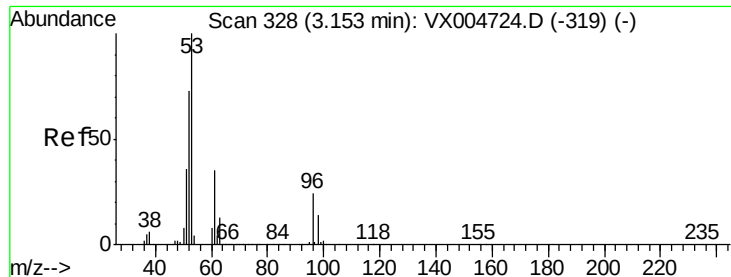
Ion Ratio Lower Upper

41 100

39 55.7 44.1 66.1

76 27.5 25.0 37.4





#15

Acrylonitrile

Concen: 154.388 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBSD01

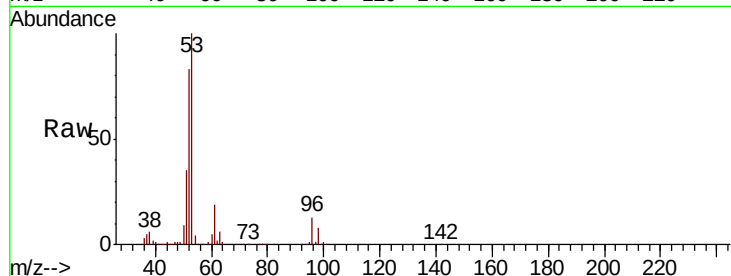
Tot Ion: 53 Resp: 215720

Ion Ratio Lower Upper

53 100

52 82.7 63.0 94.4

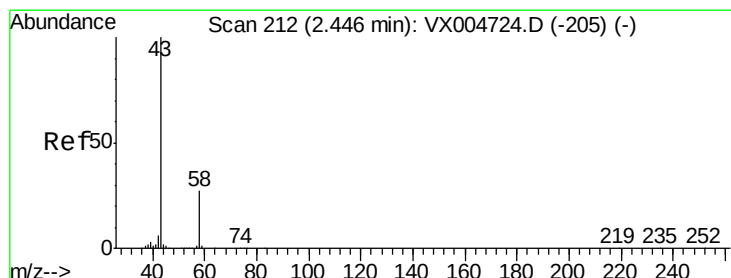
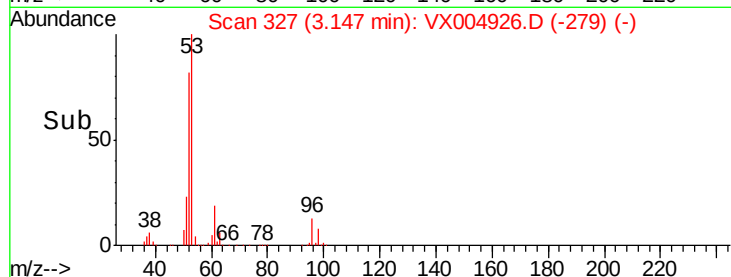
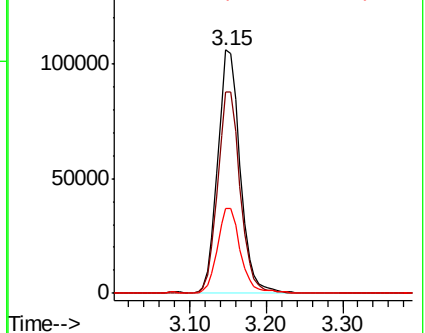
51 35.7 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 148.866 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004926.D

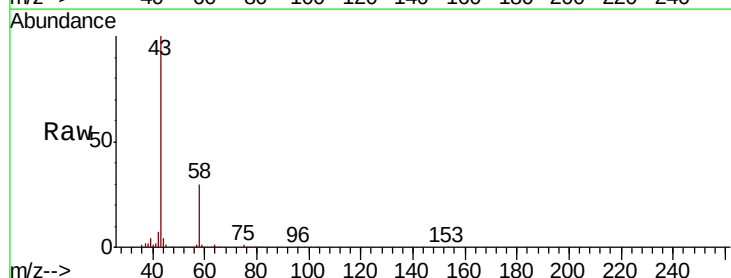
Acq: 02 Oct 2018 18:34

Tgt Ion: 43 Resp: 197289

Ion Ratio Lower Upper

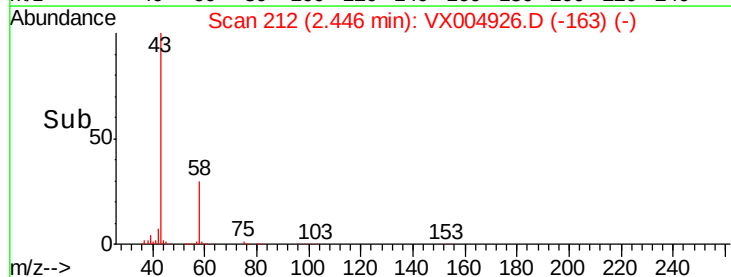
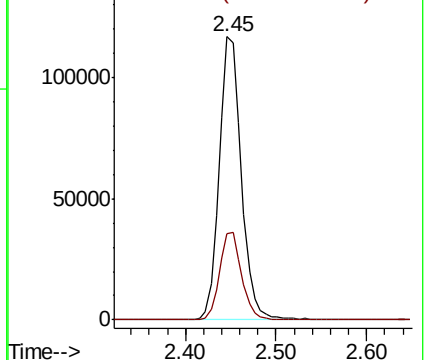
43 100

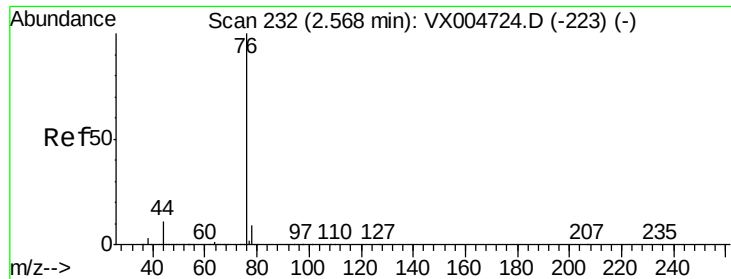
58 30.4 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 19.251 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Instrument :

MSVOA_X

ClientSampleId :

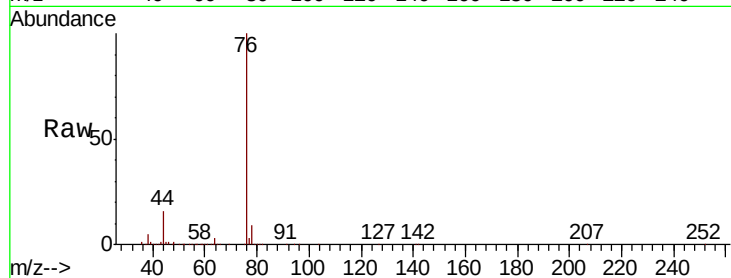
VX1003WBSD01

Tot Ion: 76 Resp: 99603

Ion Ratio Lower Upper

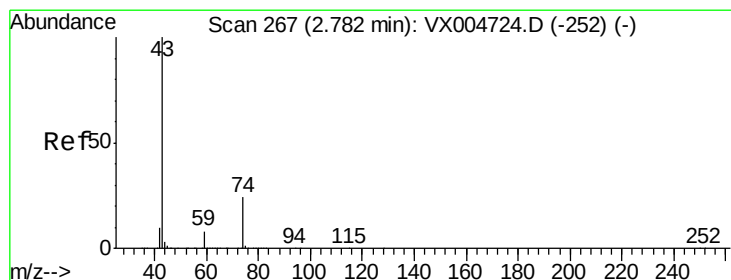
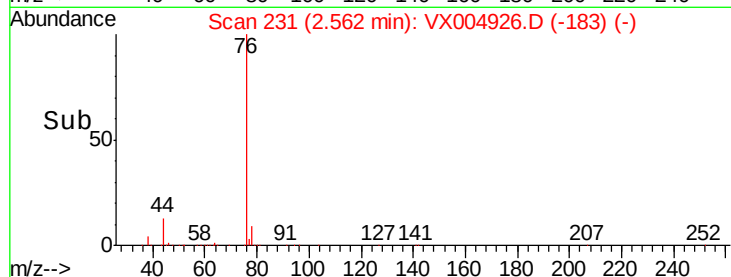
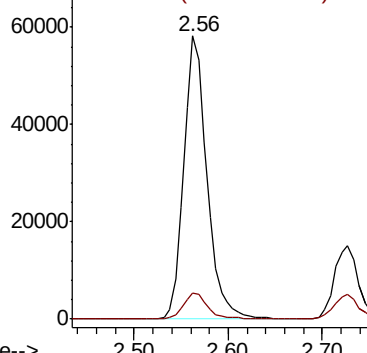
76 100

78 9.2 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 36.370 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX004926.D

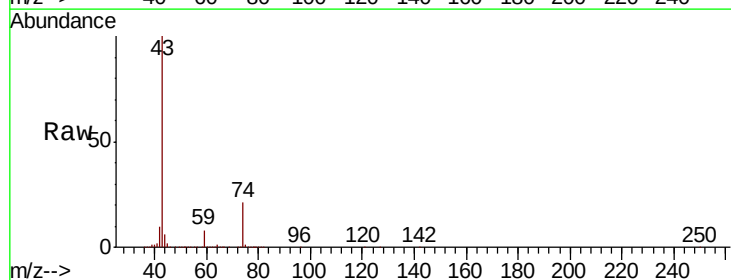
Acq: 02 Oct 2018 18:34

Tgt Ion: 43 Resp: 122122

Ion Ratio Lower Upper

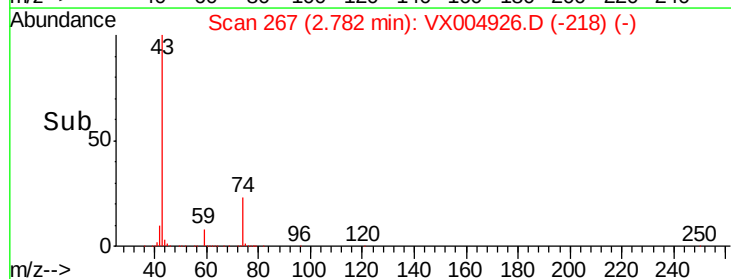
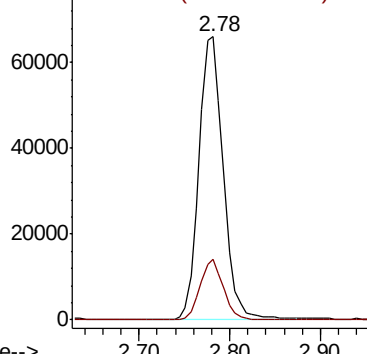
43 100

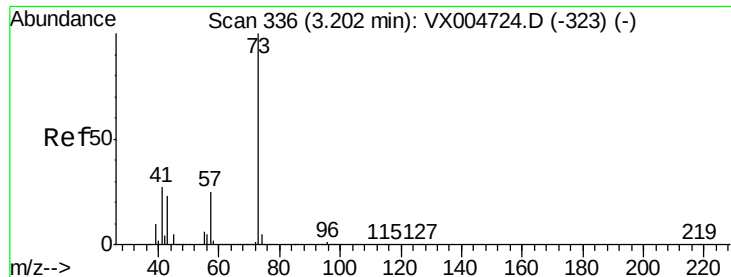
74 20.7 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



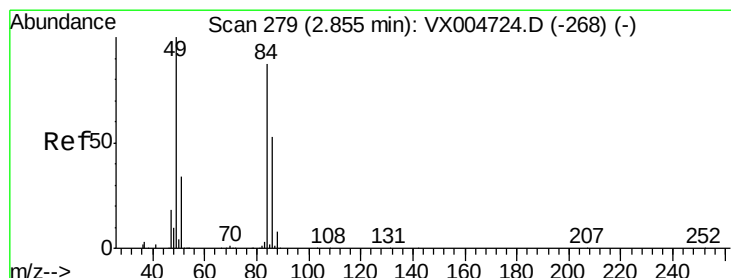
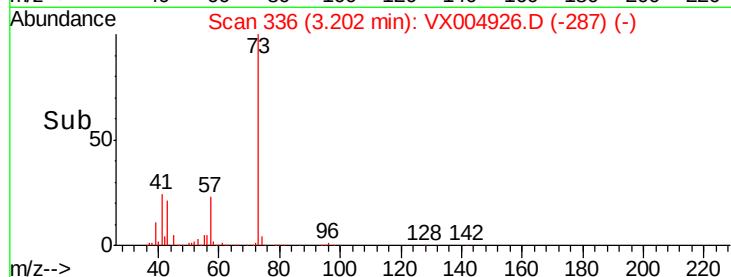
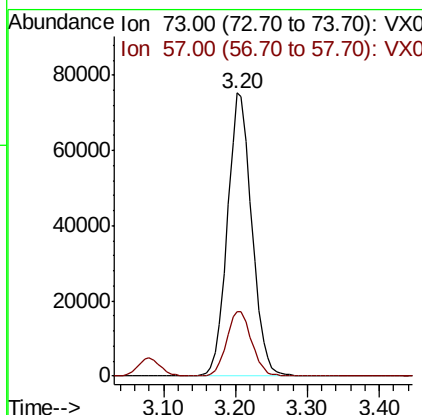
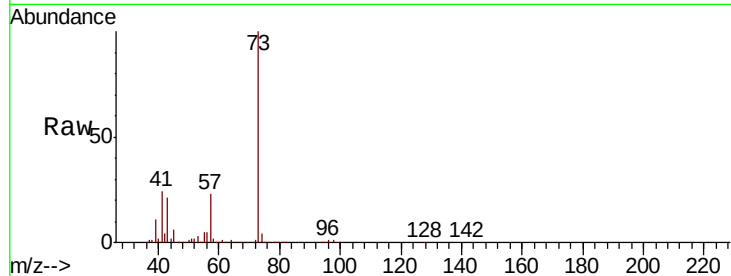


#19

Methyl tert-butyl Ether
 Concen: 29.873 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX004926.D
 Acq: 02 Oct 2018 18:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBSD01

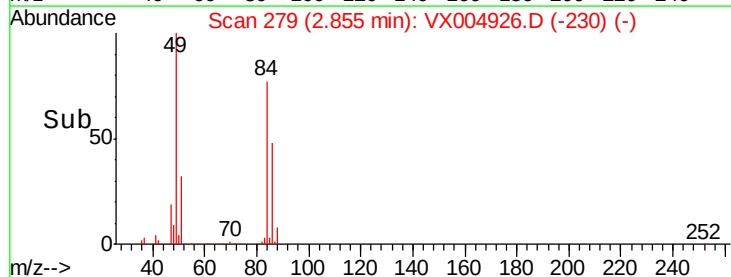
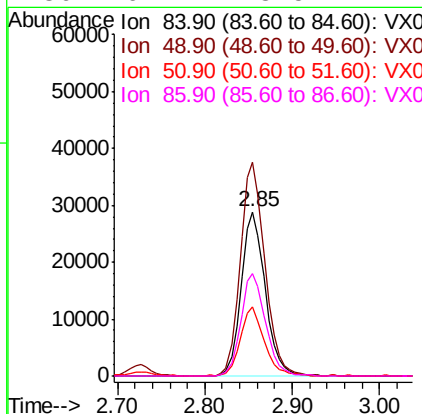
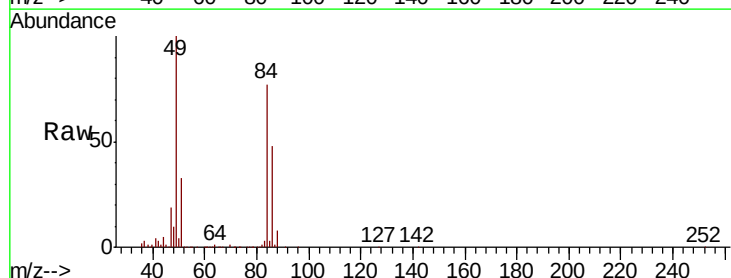
Tot Ion: 73 Resp: 177421
 Ion Ratio Lower Upper
 73 100
 57 22.8 19.9 29.9

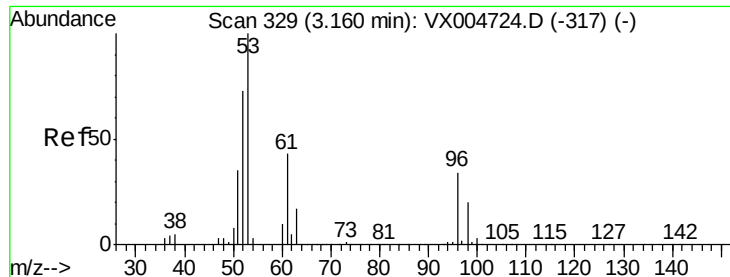


#20

Methylene Chloride
 Concen: 28.165 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX004926.D
 Acq: 02 Oct 2018 18:34

Tgt Ion: 84 Resp: 54978
 Ion Ratio Lower Upper
 84 100
 49 129.7 92.3 138.5
 51 42.1 31.8 47.6
 86 62.4 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 23.224 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBSD01

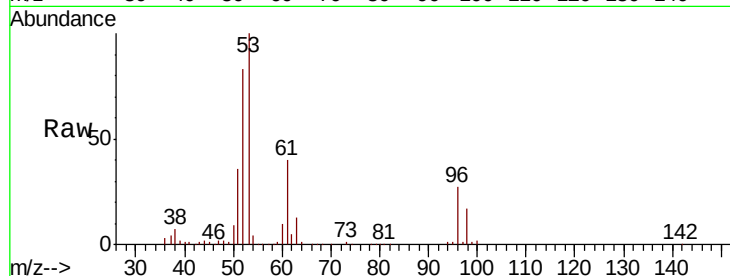
Tot Ion: 96 Resp: 43774

Ion Ratio Lower Upper

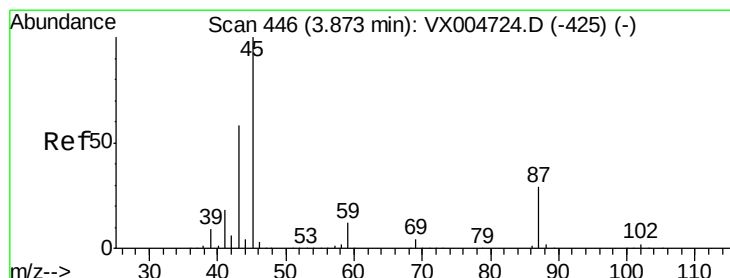
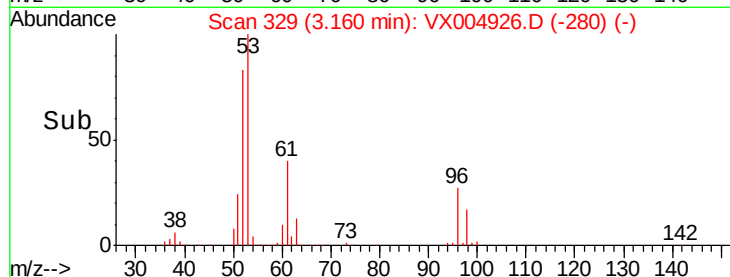
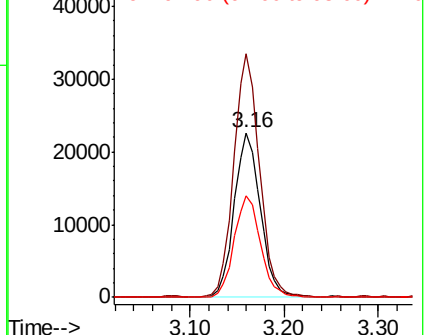
96 100

61 147.1 101.0 151.6

98 61.6 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: 27.219 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Tgt Ion: 45 Resp: 172197

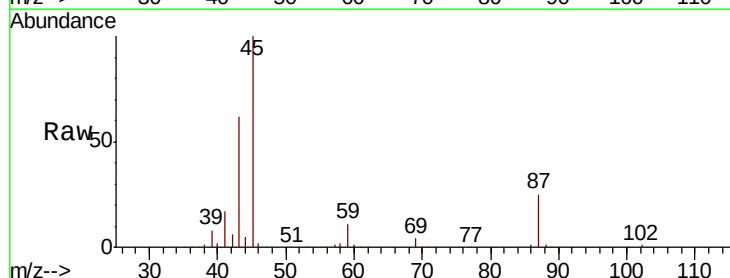
Ion Ratio Lower Upper

45 100

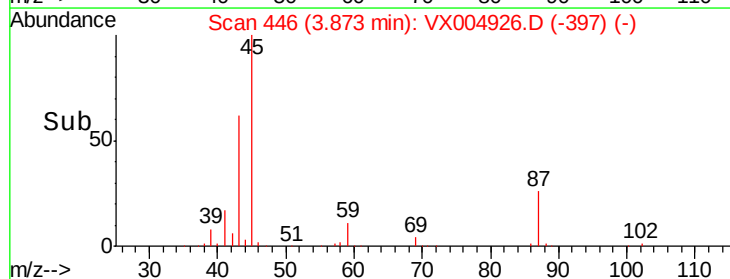
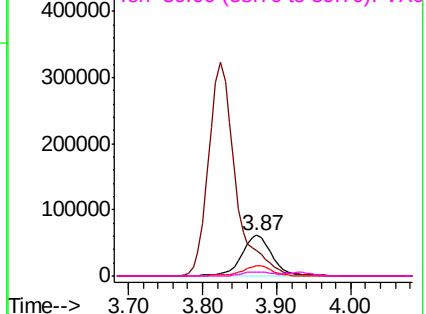
43 60.8 46.7 70.1

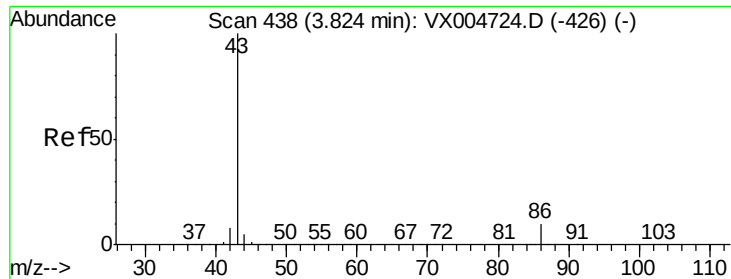
87 25.6 22.9 34.3

59 10.7 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: 140.892 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Instrument :

MSVOA_X

ClientSampleId :

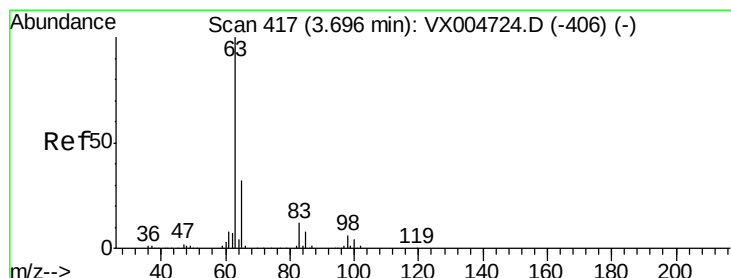
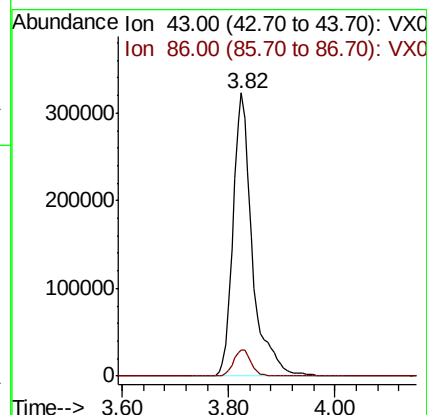
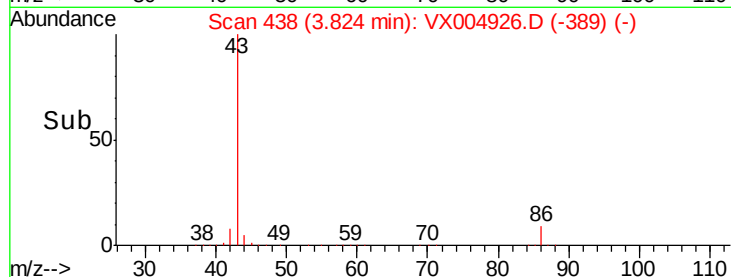
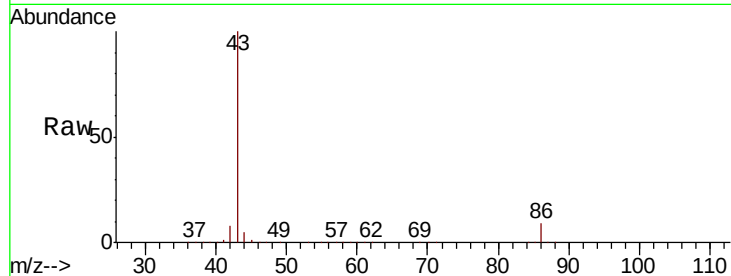
VX1003WBSD01

Tot Ion: 43 Resp: 815882

Ion Ratio Lower Upper

43 100

86 9.4 8.1 12.1



#24

1,1-Dichloroethane

Concen: 25.375 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

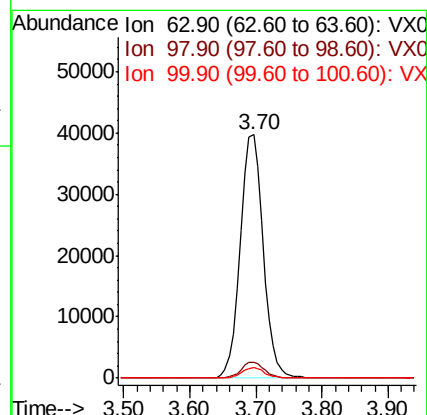
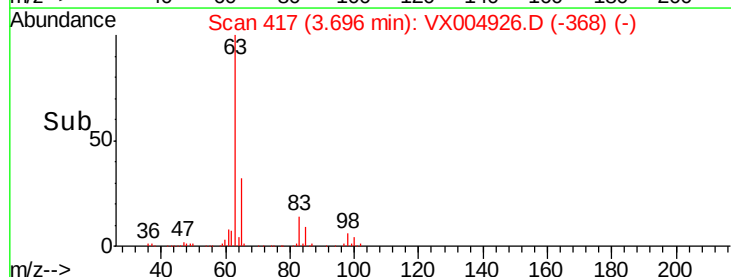
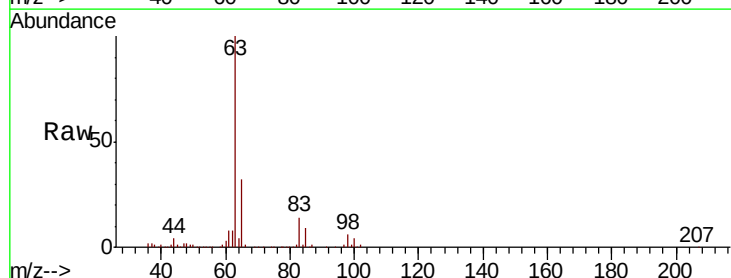
Tgt Ion: 63 Resp: 95758

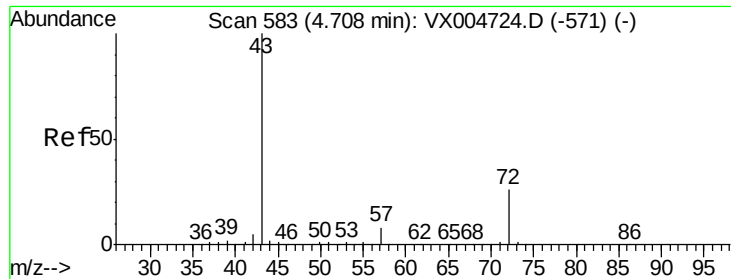
Ion Ratio Lower Upper

63 100

98 6.5 3.0 9.2

100 4.3 2.0 5.8





#25

2-Butanone

Concen: 147.813 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Instrument :

MSVOA_X

ClientSampleId :

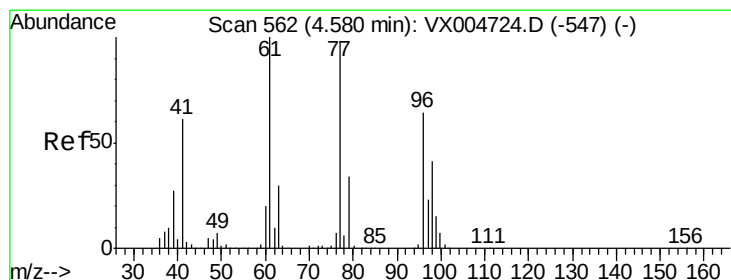
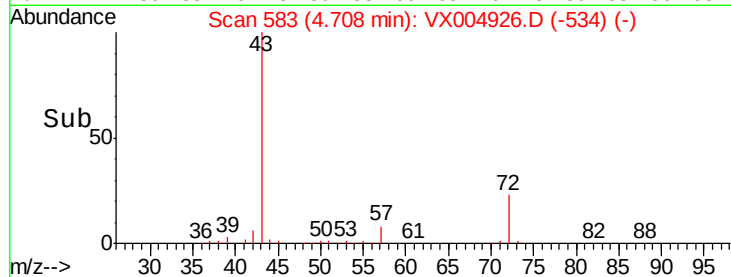
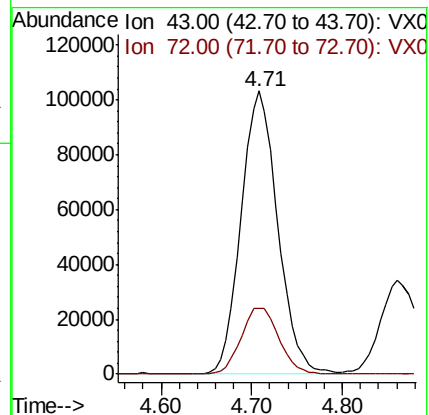
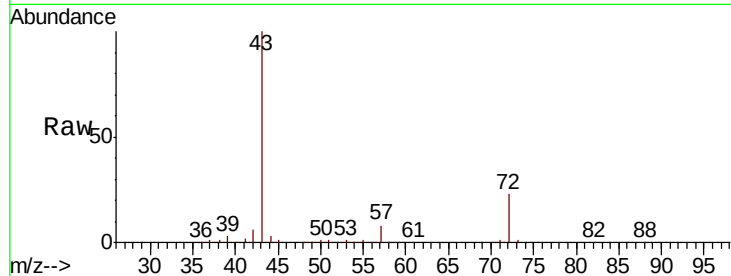
VX1003WBSD01

Tot Ion: 43 Resp: 288753

Ion Ratio Lower Upper

43 100

72 23.5 20.8 31.2



#26

2,2-Dichloropropane

Concen: 22.416 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX004926.D

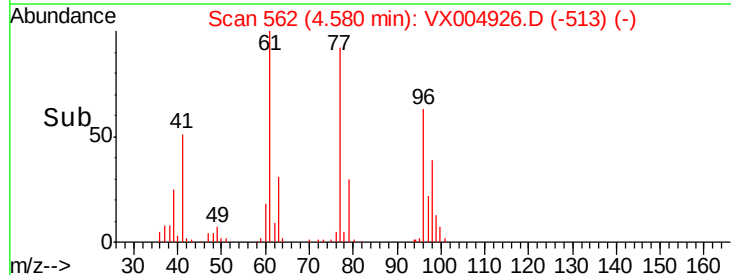
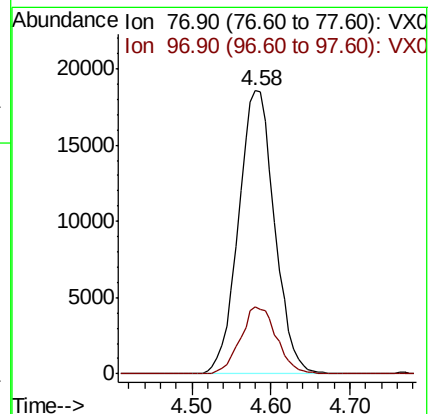
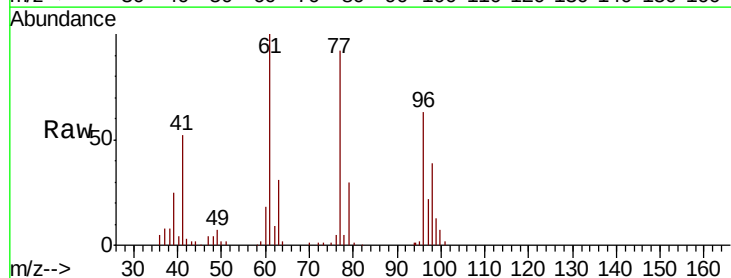
Acq: 02 Oct 2018 18:34

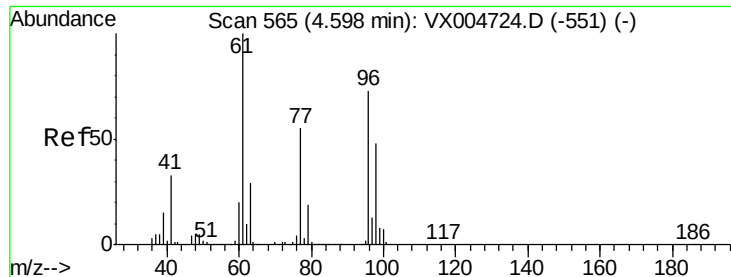
Tgt Ion: 77 Resp: 58906

Ion Ratio Lower Upper

77 100

97 23.8 12.6 37.8



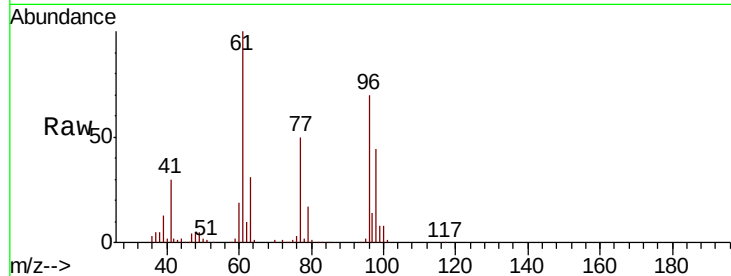


#27

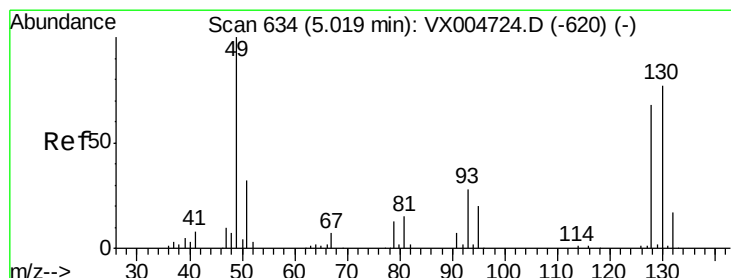
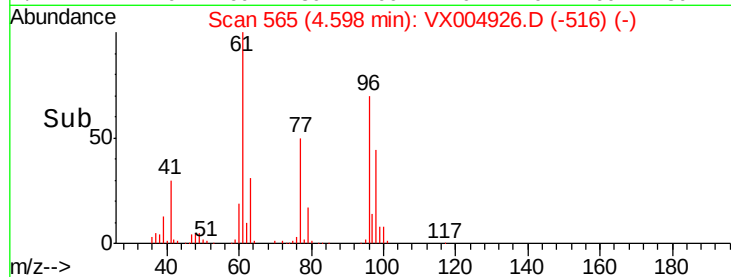
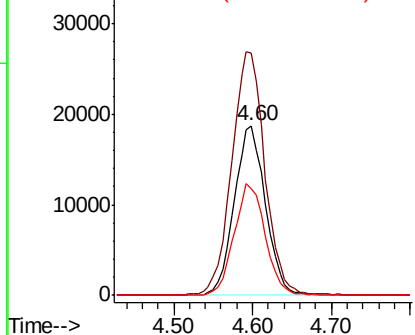
cis-1,2-Dichloroethene
Concen: 24.480 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.6	0.0	285.8
98	65.7	0.0	136.2



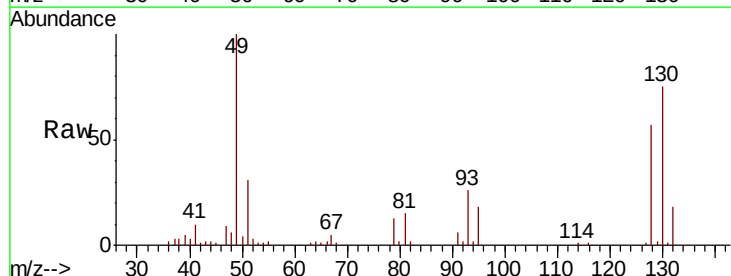
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



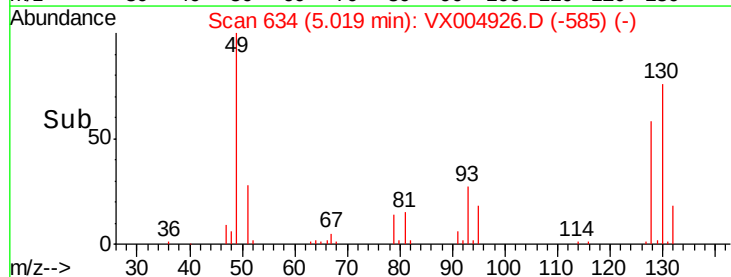
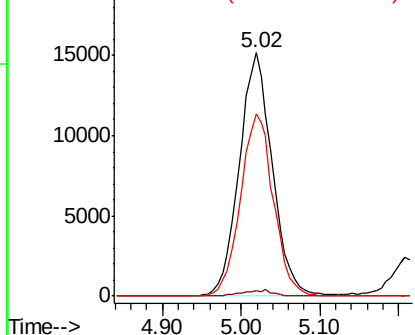
#28

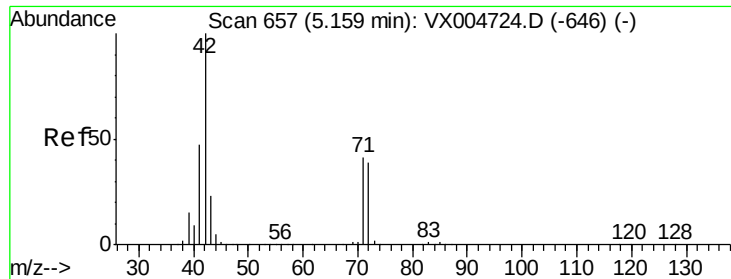
Bromochloromethane
Concen: 24.849 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	74.3	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

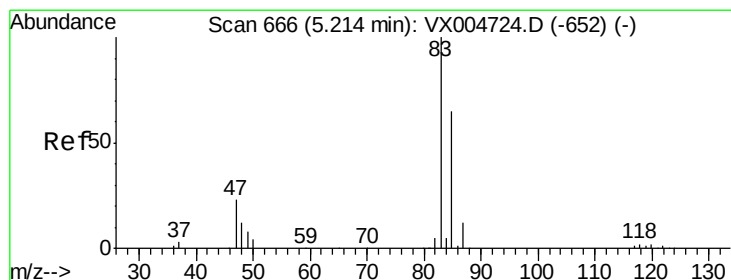
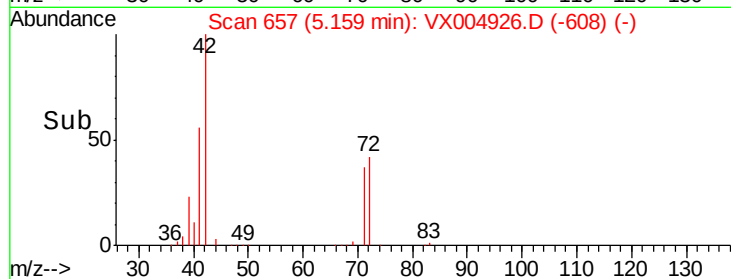
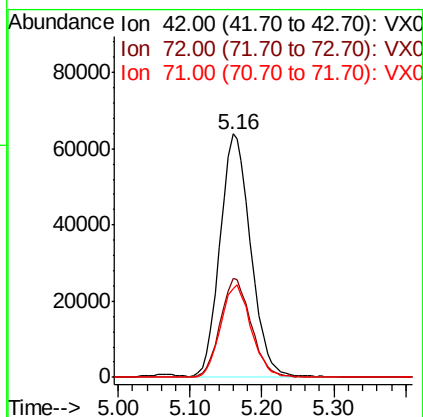
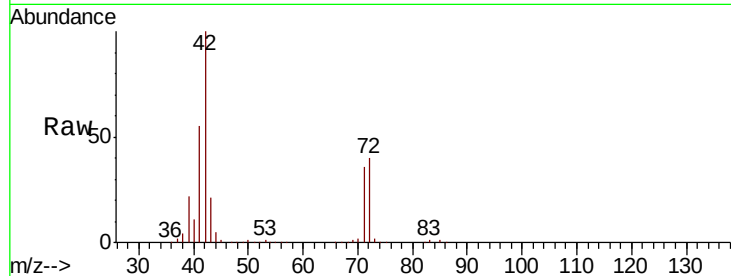




#29
Tetrahydrofuran
Concen: 154.877 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

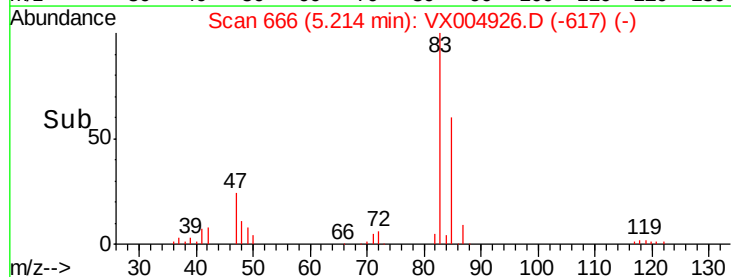
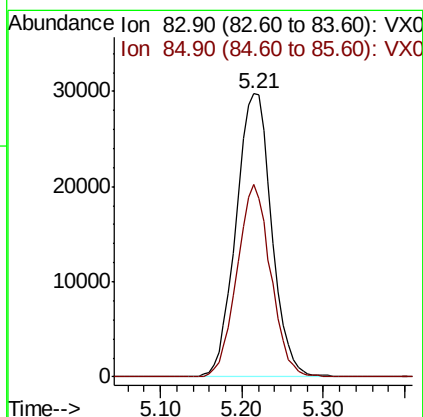
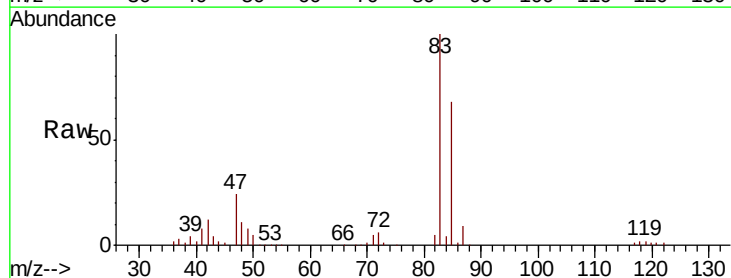
Instrument :
MSVOA_X
ClientSampleId :
VX1003WBSD01

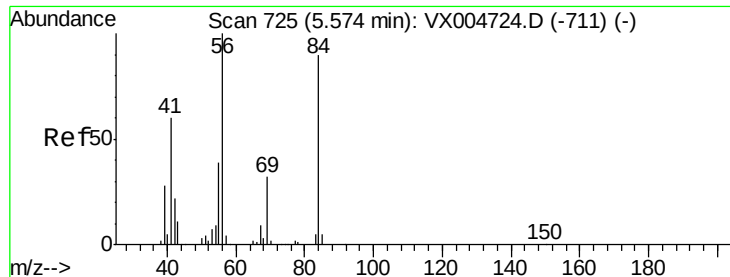
Tot Ion: 42 Resp: 188047
Ion Ratio Lower Upper
42 100
72 41.1 33.7 50.5
71 38.2 32.2 48.4



#30
Chloroform
Concen: 25.278 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

Tgt Ion: 83 Resp: 90155
Ion Ratio Lower Upper
83 100
85 67.9 52.4 78.6





#31

Cyclohexane

Concen: 17.752 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBSD01

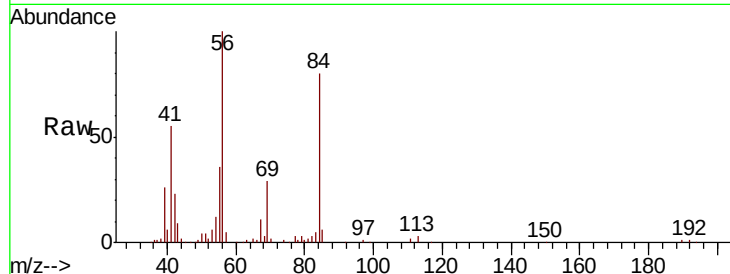
Tot Ion: 56 Resp: 51272

Ion Ratio Lower Upper

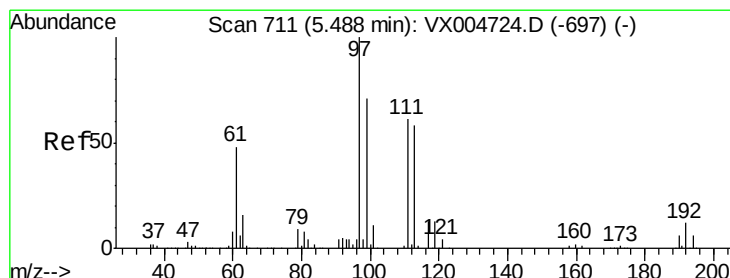
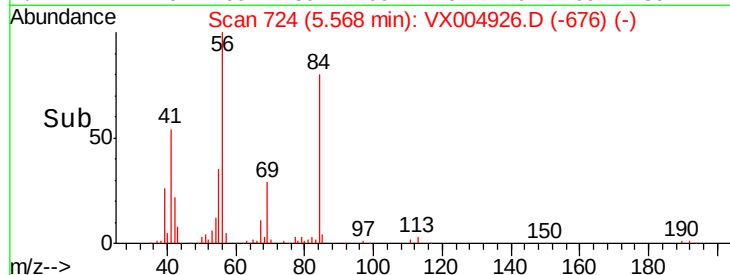
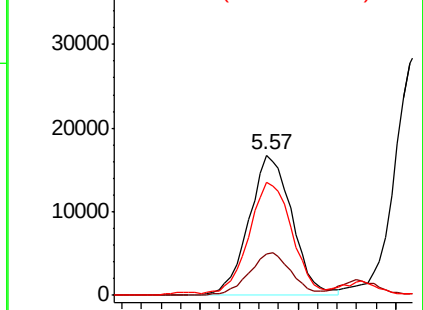
56 100

69 28.9 25.9 38.9

84 78.4 71.9 107.9



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



#32

1,1,1-Trichloroethane

Concen: 21.825 ug/l

RT: 5.49 min Scan# 711

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

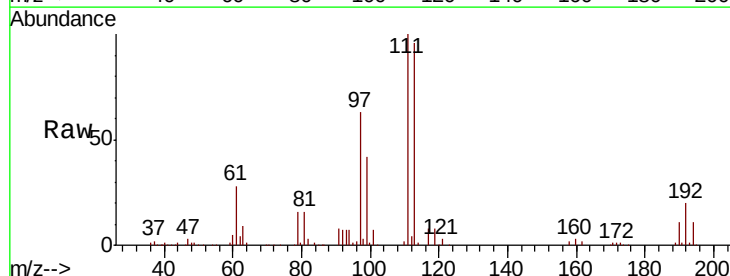
Tgt Ion: 97 Resp: 63569

Ion Ratio Lower Upper

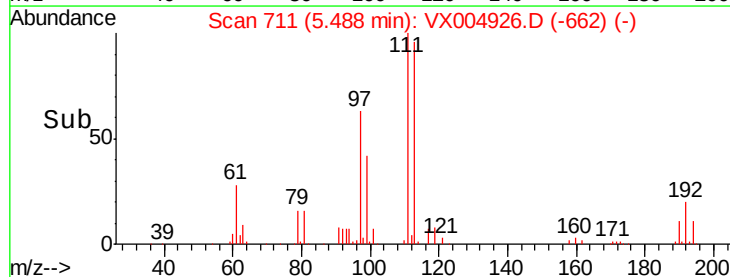
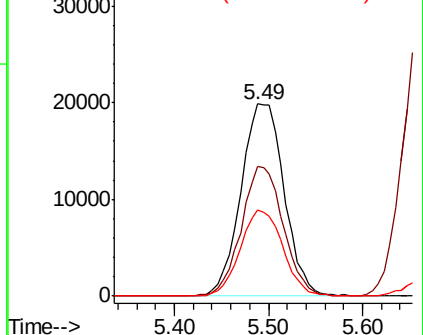
97 100

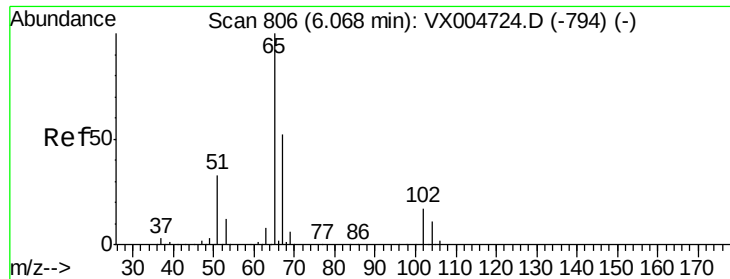
99 65.5 54.6 82.0

61 44.2 37.5 56.3



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

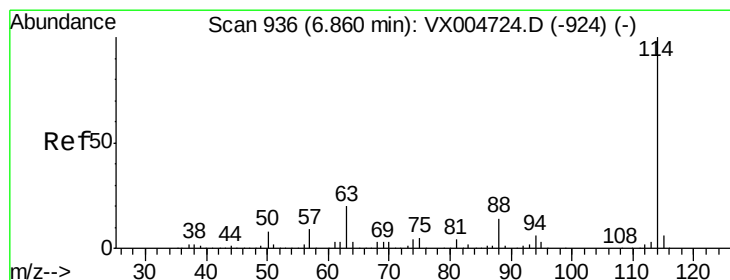
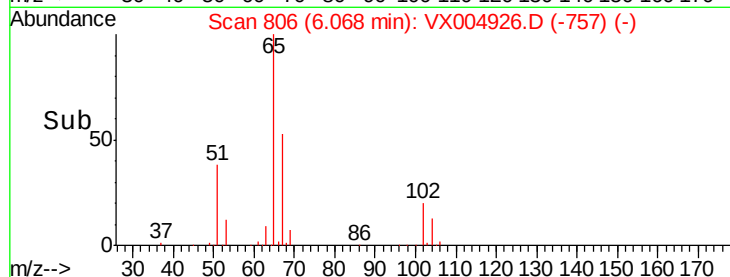
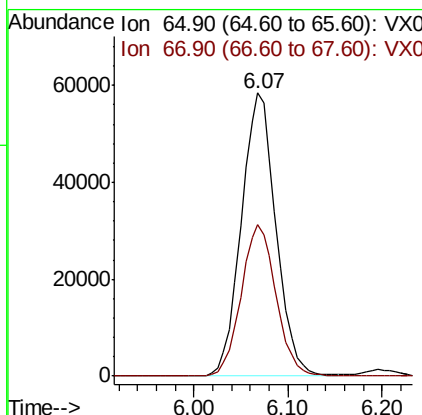
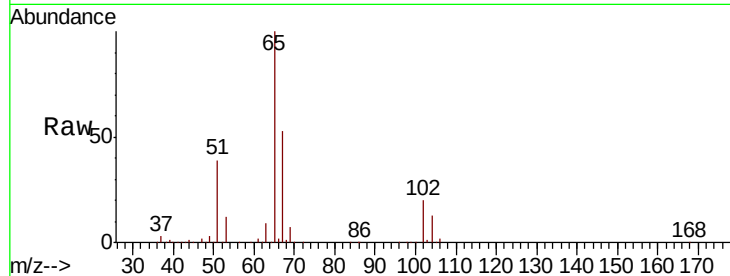




#33
 1,2-Dichloroethane-d4
 Concen: 66.098 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004926.D
 Acq: 02 Oct 2018 18:34

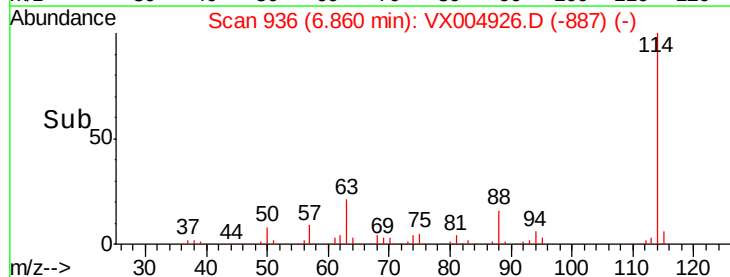
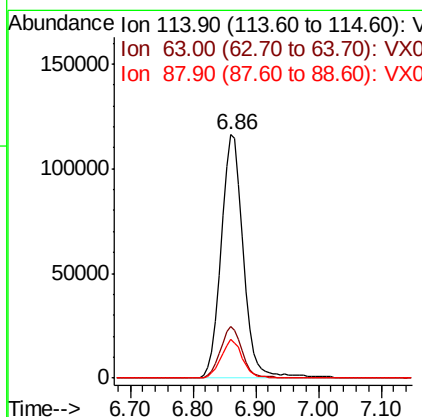
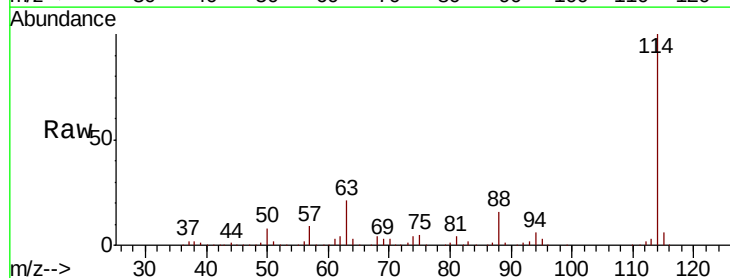
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBSD01

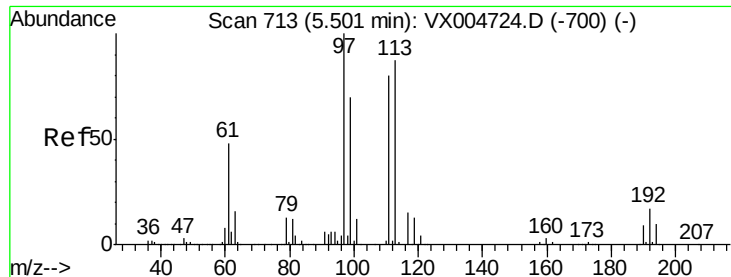
Tot Ion: 65 Resp: 150043
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004926.D
 Acq: 02 Oct 2018 18:34

Tgt Ion: 114 Resp: 285380
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 39.8
 88 15.8 0.0 27.0

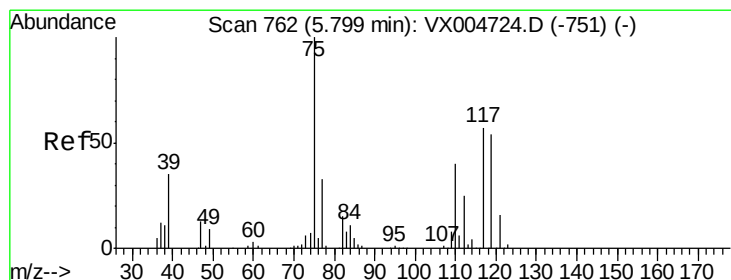
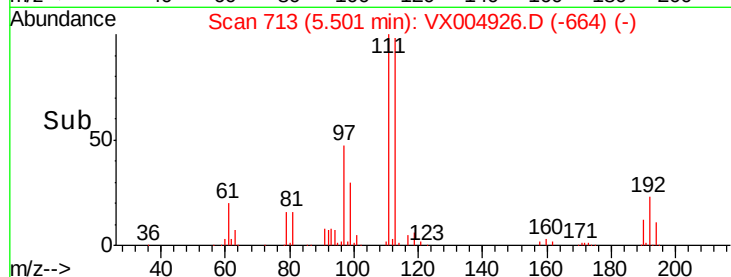
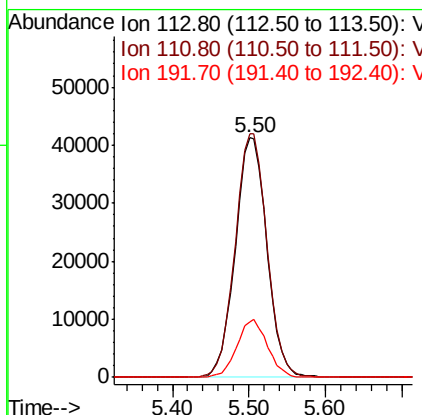
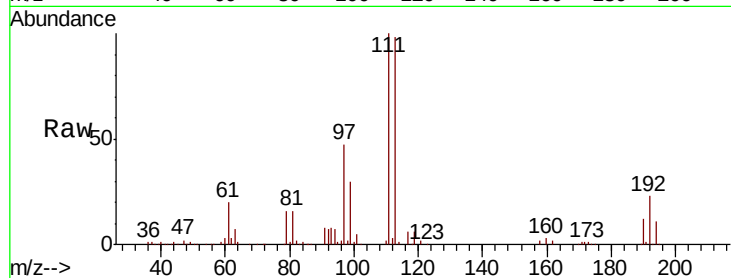




#35
 Dibromofluoromethane
 Concen: 48.837 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004926.D
 Acq: 02 Oct 2018 18:34

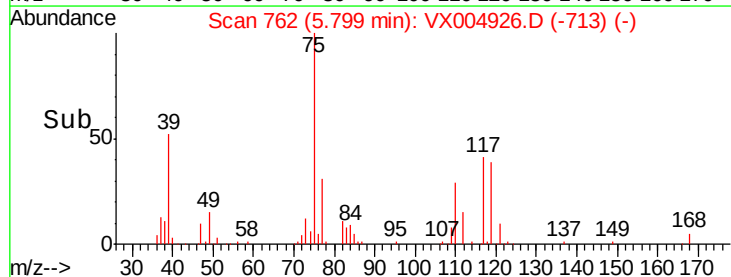
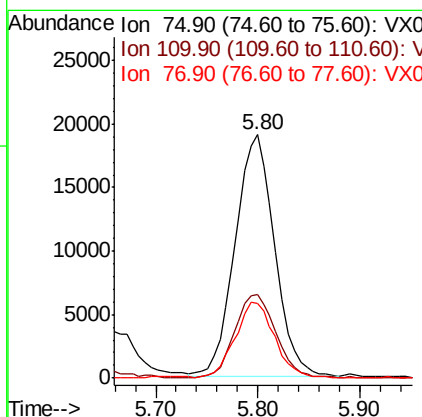
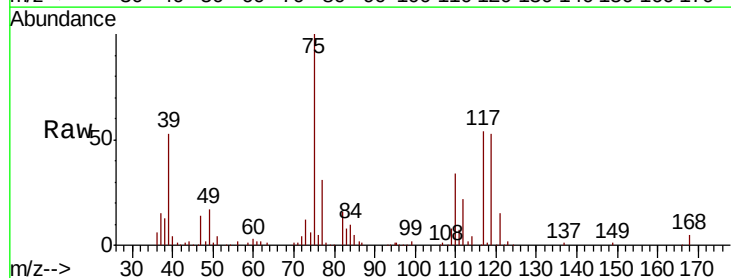
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBSD01

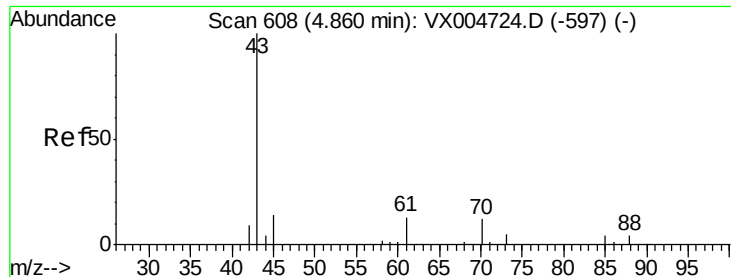
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	77.0	115.4
192	23.3	17.0	25.6



#36
 1,1-Dichloropropene
 Concen: 15.482 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX004926.D
 Acq: 02 Oct 2018 18:34

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	20.0	59.9
77	31.8	27.1	40.7





#37

Ethyl Acetate

Concen: 23.052 ug/l

RT: 4.86 min Scan# 608

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Instrument :

MSVOA_X

ClientSampled :

VX1003WBSD01

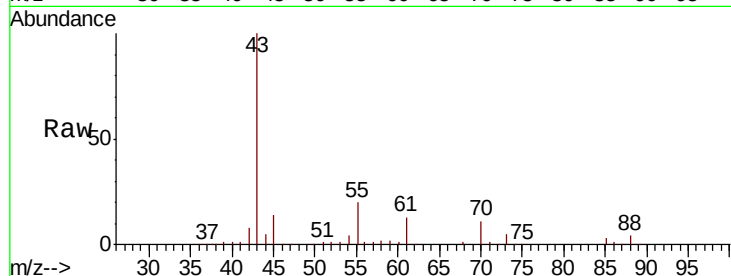
Tot Ion: 43 Resp: 100977

Ion Ratio Lower Upper

43 100

61 13.7 10.4 15.6

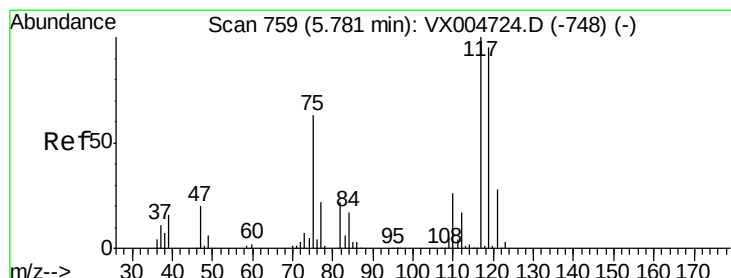
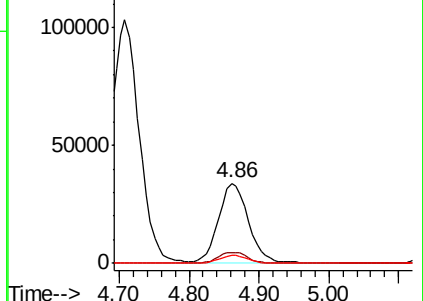
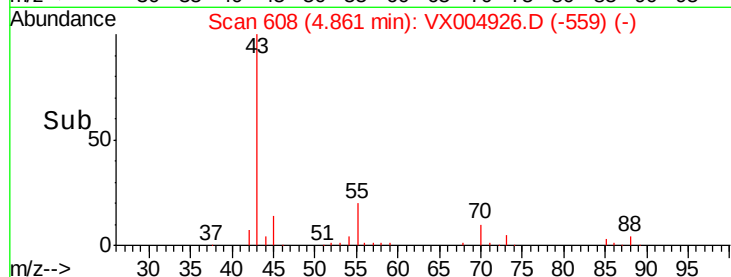
70 10.0 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 14.626 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

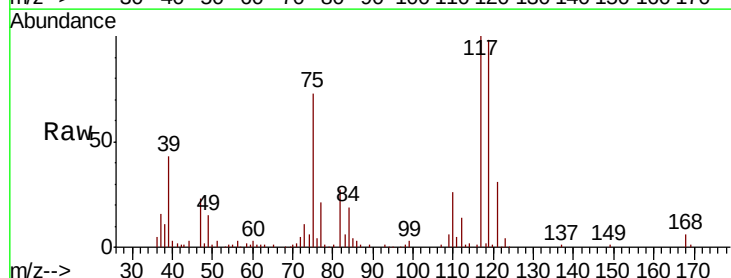
Tgt Ion: 117 Resp: 50733

Ion Ratio Lower Upper

117 100

119 98.8 75.2 112.8

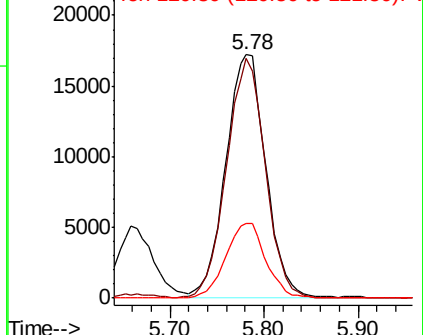
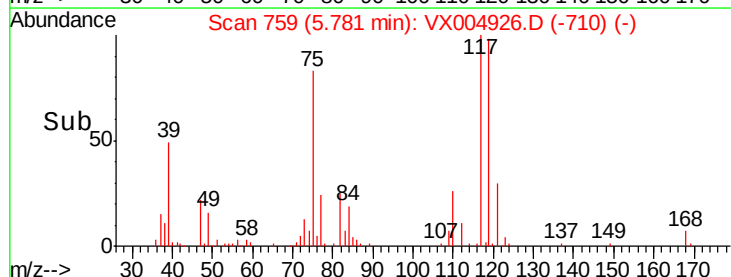
121 30.6 22.5 33.7

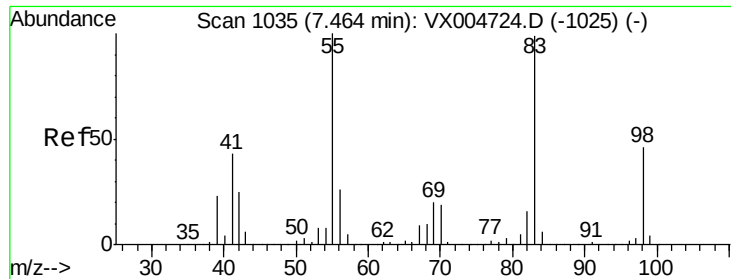


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

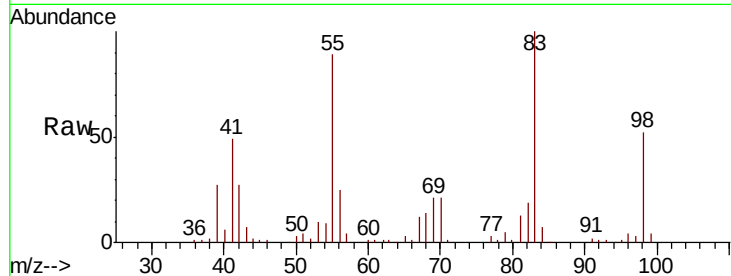




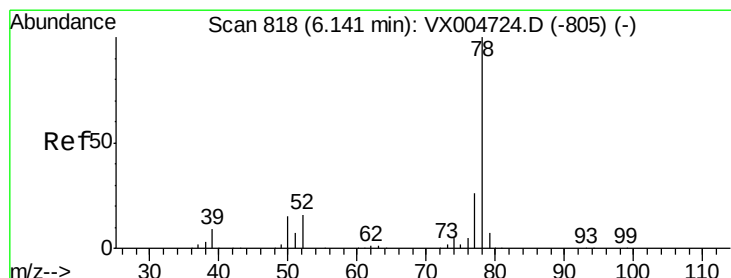
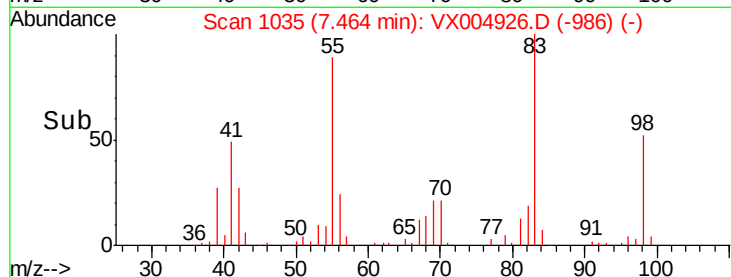
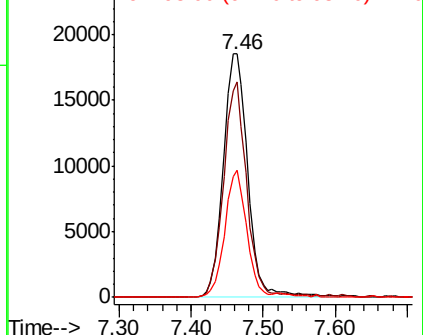
#39
Methylvlcyclohexane
Concen: 13.092 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBSD01

Tot Ion: 83 Resp: 44114
Ion Ratio Lower Upper
83 100
55 88.6 81.1 121.7
98 52.2 37.3 55.9

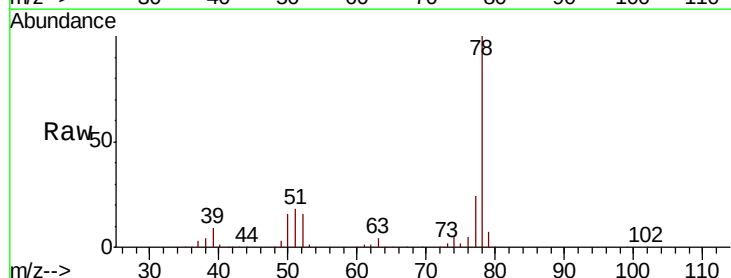


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

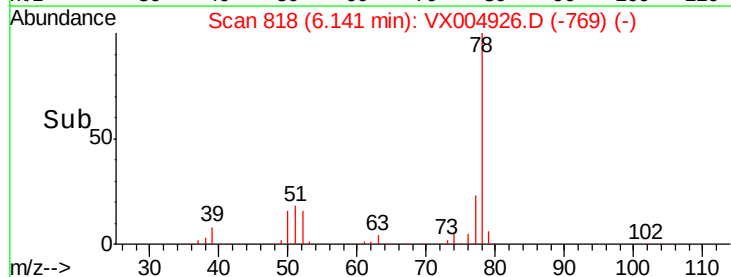
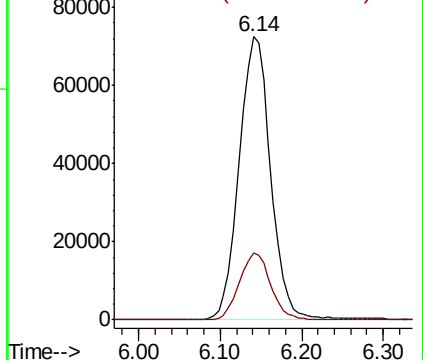


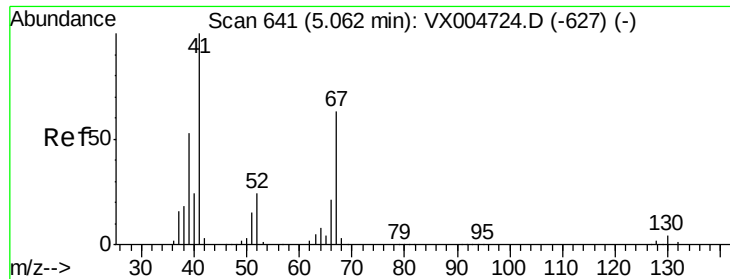
#40
Benzene
Concen: 18.800 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

Tgt Ion: 78 Resp: 194221
Ion Ratio Lower Upper
78 100
77 23.8 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: 22.732 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Instrument :

MSVOA_X

ClientSampled :

VX1003WBSD01

Tot Ion: 41 Resp: 55221

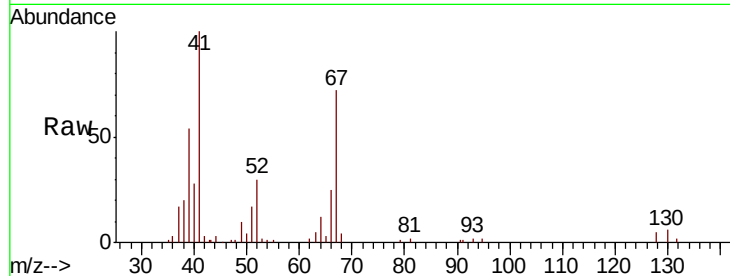
Ion Ratio Lower Upper

41 100

39 52.6 42.5 63.7

67 68.2 53.0 79.6

52 27.0 19.8 29.8

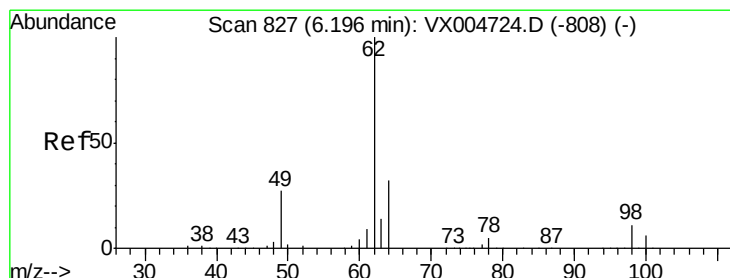
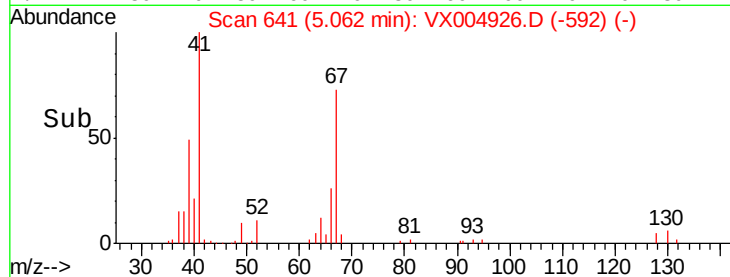
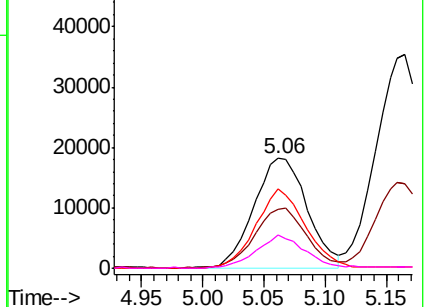


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 20.862 ug/l

RT: 6.20 min Scan# 828

Delta R.T. 0.01 min

Lab File: VX004926.D

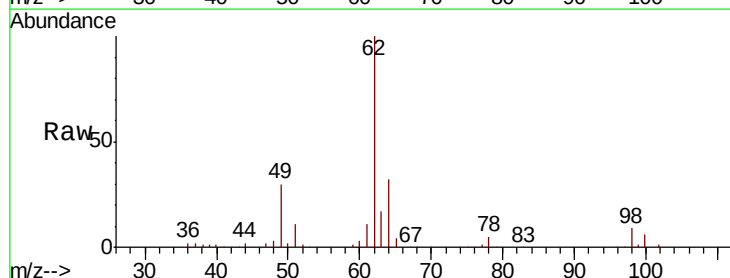
Acq: 02 Oct 2018 18:34

Tgt Ion: 62 Resp: 76191

Ion Ratio Lower Upper

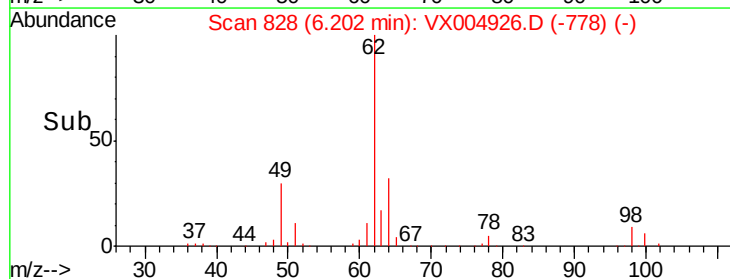
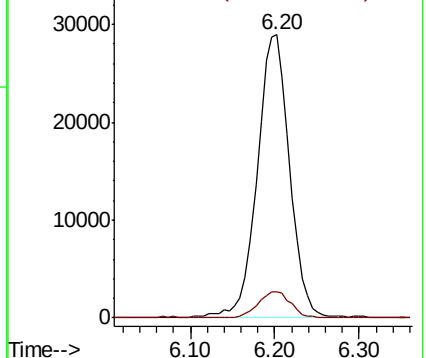
62 100

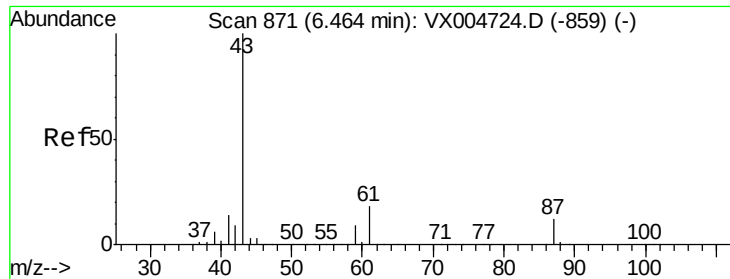
98 9.3 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 22.429 ug/l

RT: 6.47 min Scan# 872

Delta R.T. 0.01 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Instrument :

MSVOA_X

ClientSampled :

VX1003WBSD01

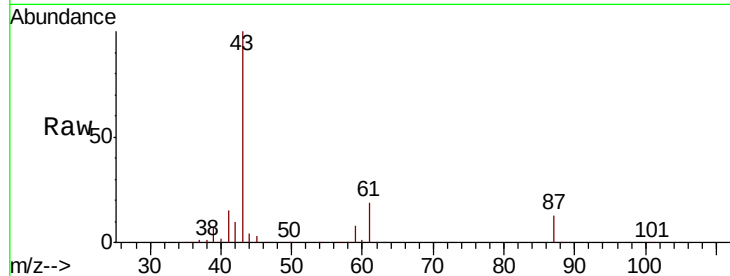
Tot Ion: 43 Resp: 141804

Ion Ratio Lower Upper

43 100

61 19.6 14.2 21.4

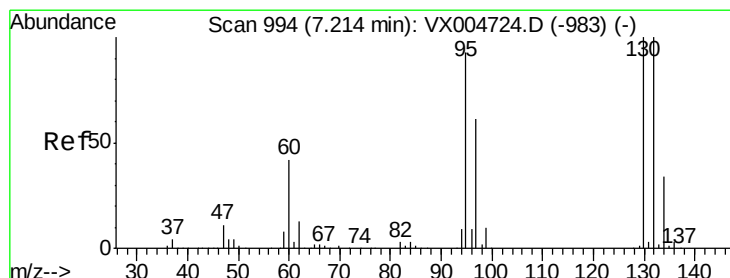
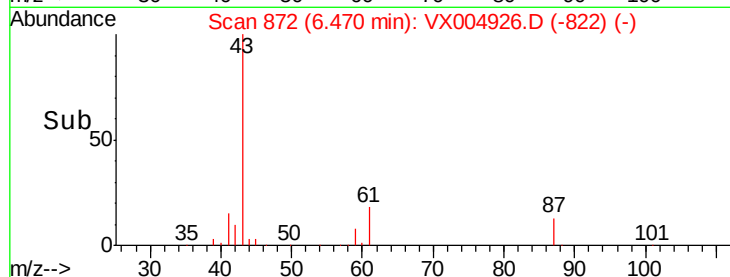
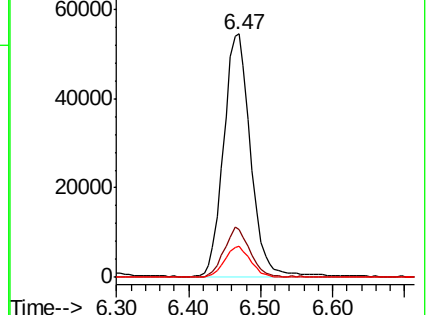
87 12.5 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.686 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX004926.D

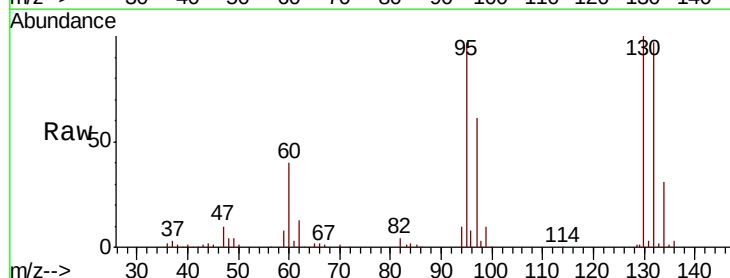
Acq: 02 Oct 2018 18:34

Tgt Ion:130 Resp: 47456

Ion Ratio Lower Upper

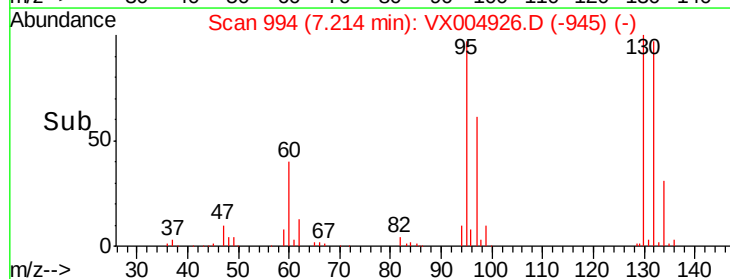
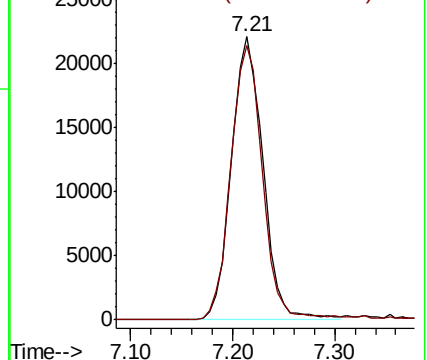
130 100

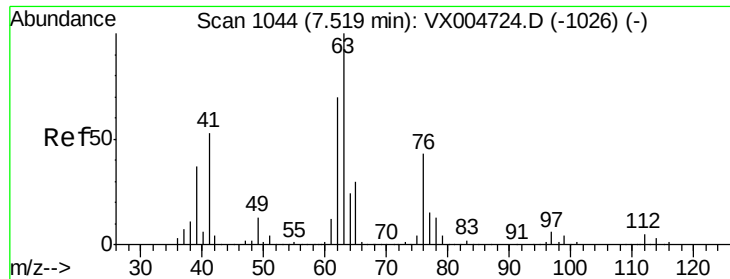
95 97.1 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

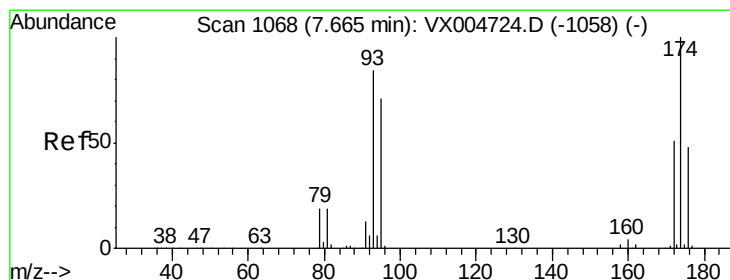
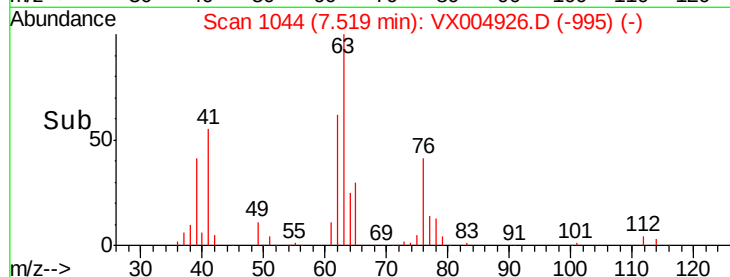
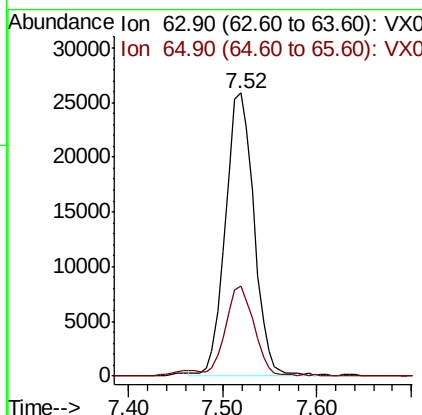
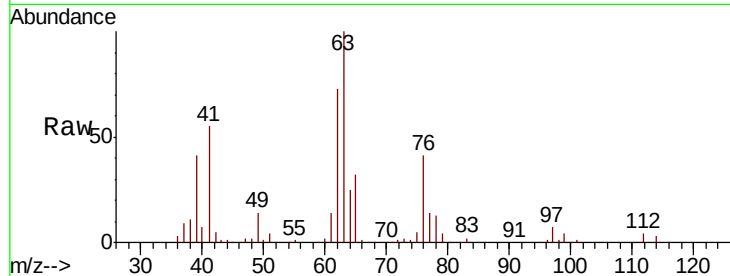




#45
 1,2-Dichloropropane
 Concen: 21.378 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX004926.D
 Acq: 02 Oct 2018 18:34

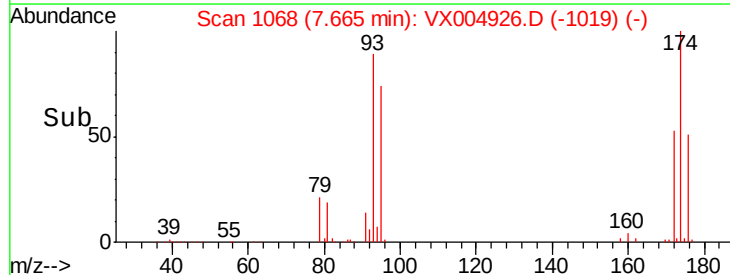
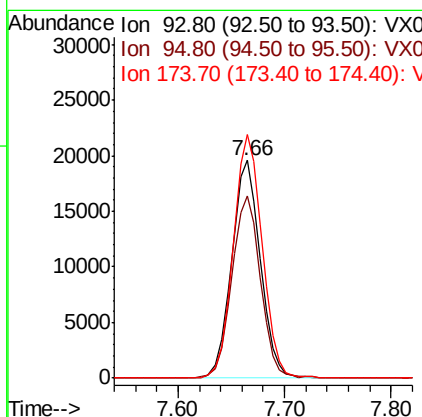
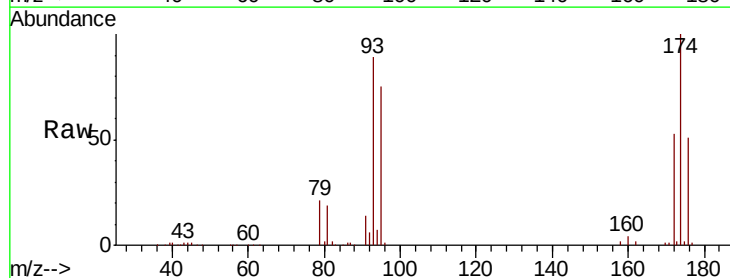
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBSD01

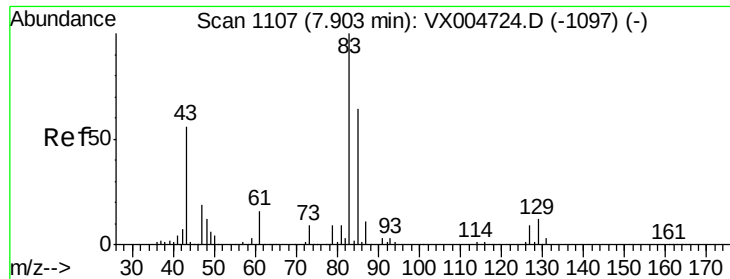
Tot Ion: 63 Resp: 54162
 Ion Ratio Lower Upper
 63 100
 65 31.9 23.9 35.9



#46
 Dibromomethane
 Concen: 23.205 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX004926.D
 Acq: 02 Oct 2018 18:34

Tgt Ion: 93 Resp: 36947
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.7 100.1
 174 112.8 92.7 139.1





#47

Bromodichloromethane

Concen: 22.973 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBSD01

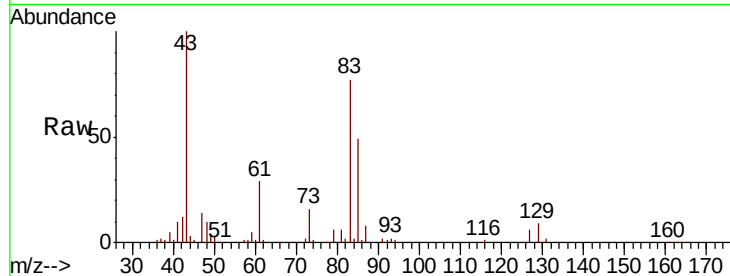
Tot Ion: 83 Resp: 68484

Ion Ratio Lower Upper

83 100

85 62.8 51.2 76.8

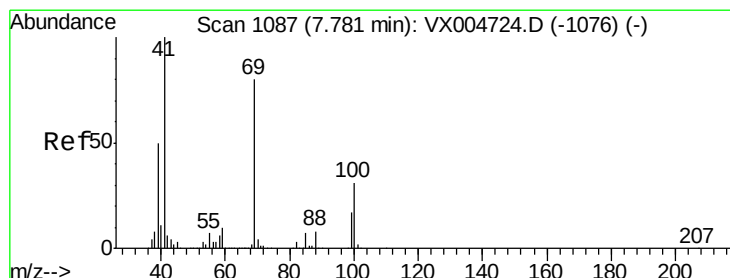
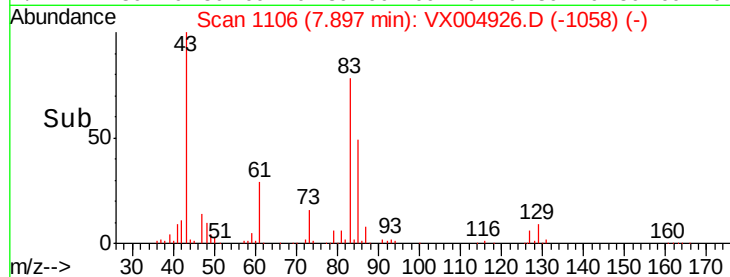
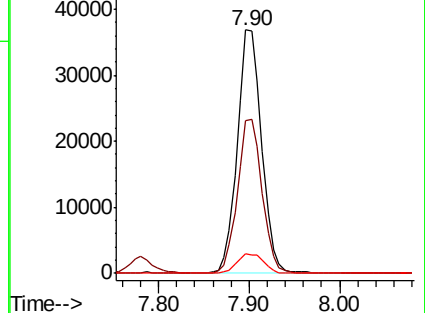
127 7.9 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 25.388 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

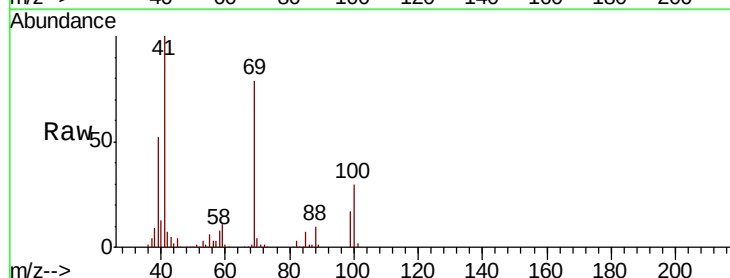
Tgt Ion: 41 Resp: 72854

Ion Ratio Lower Upper

41 100

69 81.8 63.8 95.6

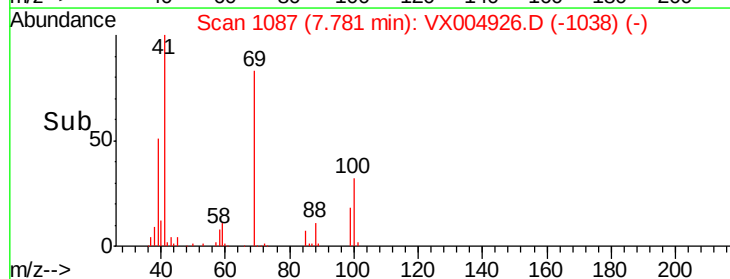
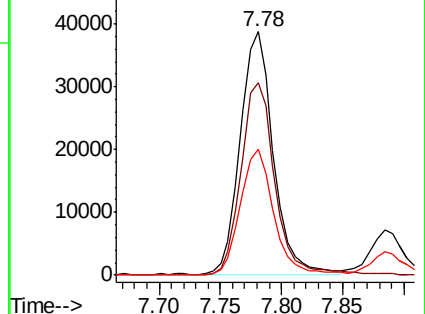
39 52.5 40.7 61.1

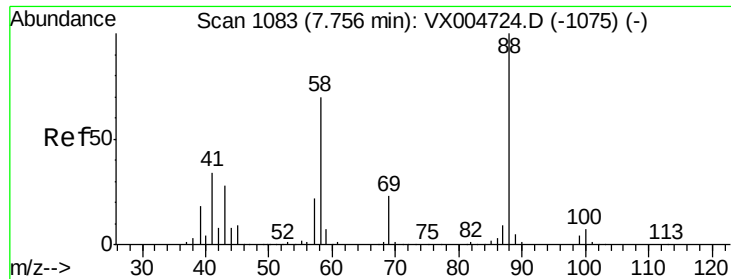


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

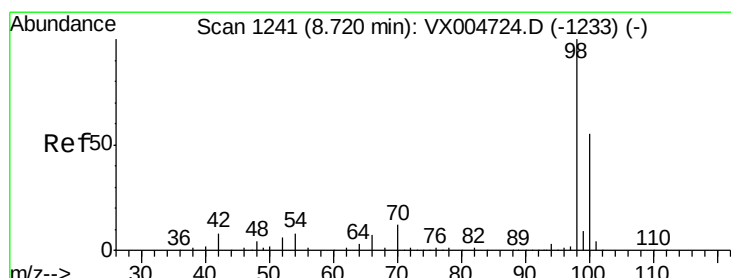
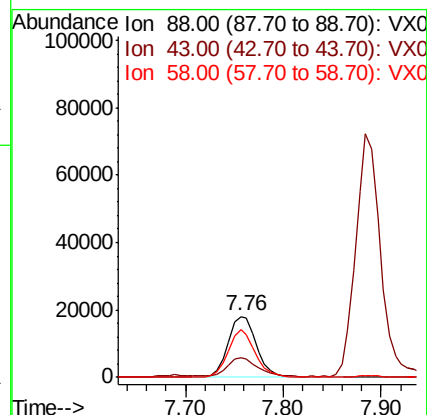
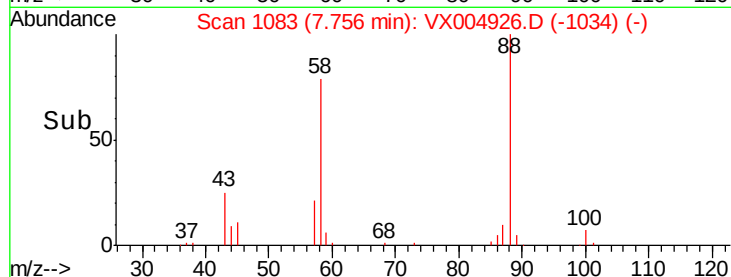
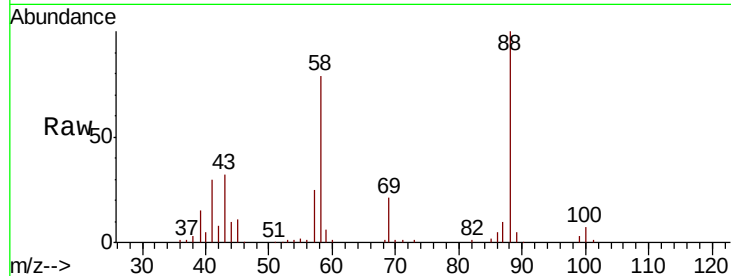




#49
1,4-Dioxane
Concen: 514.096 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

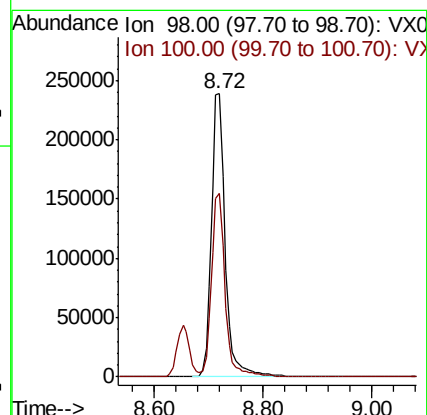
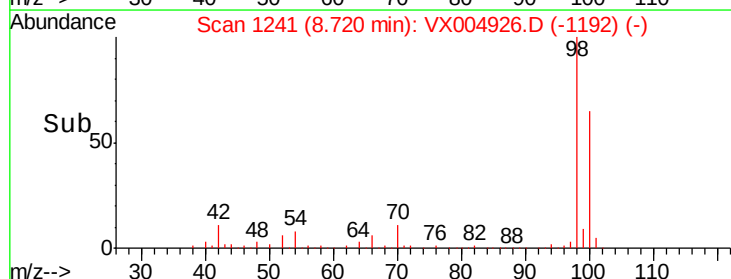
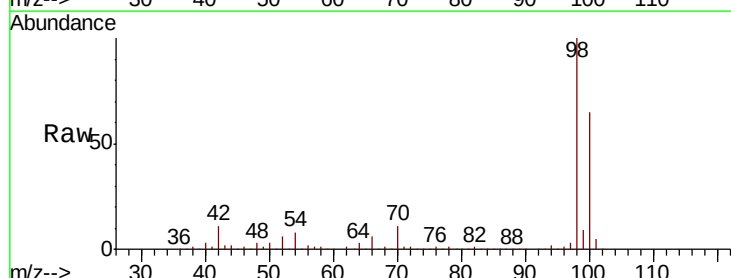
Instrument :
MSVOA_X
ClientSampleId :
VX1003WBSD01

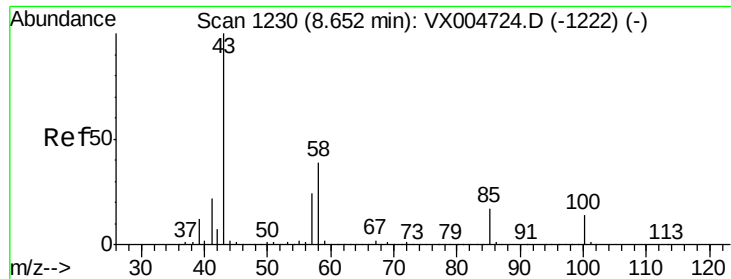
Tot Ion: 88 Resp: 36651
Ion Ratio Lower Upper
88 100
43 33.8 25.1 37.7
58 74.2 56.2 84.2



#50
Toluene-d8
Concen: 51.995 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

Tgt Ion: 98 Resp: 418081
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9

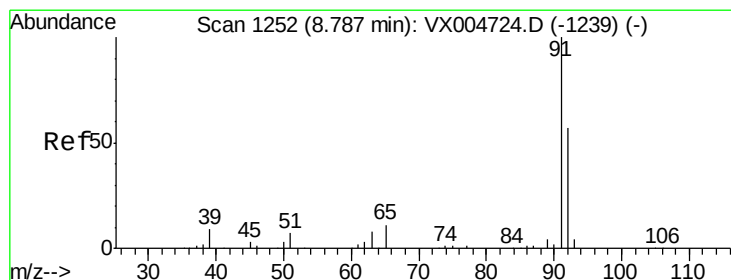
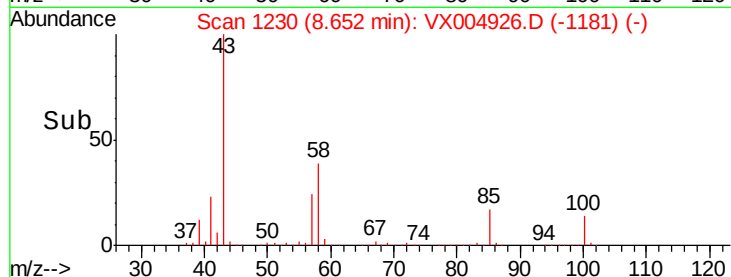
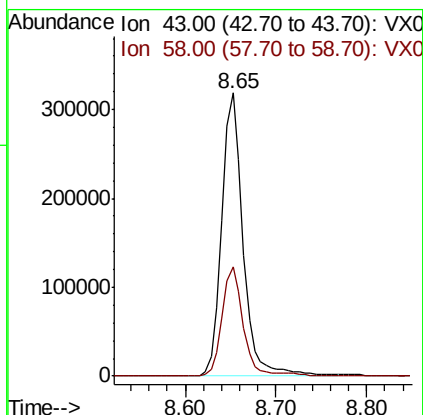
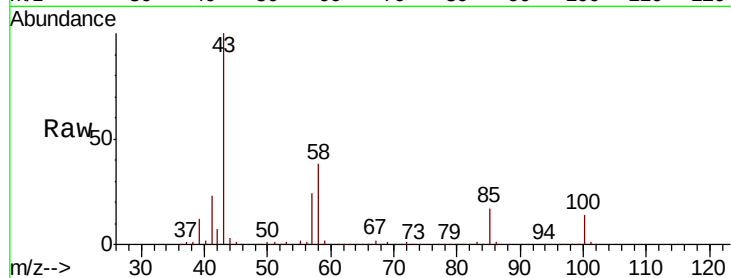




#51
4-Methyl-2-Pentanone
Concen: 131.803 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

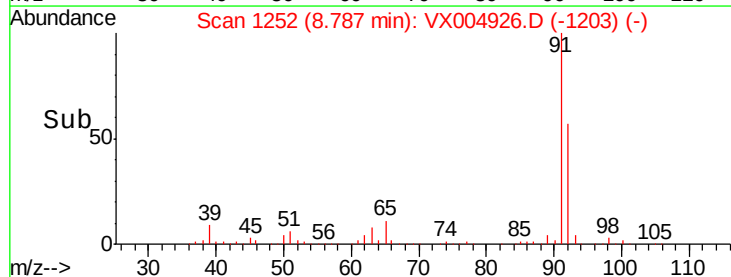
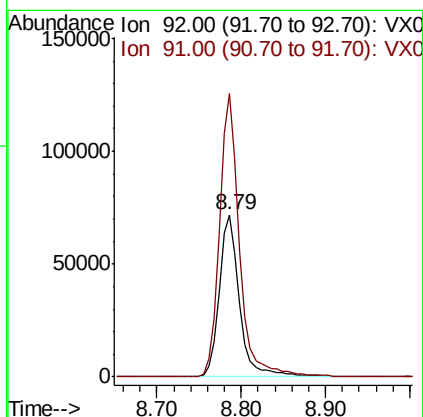
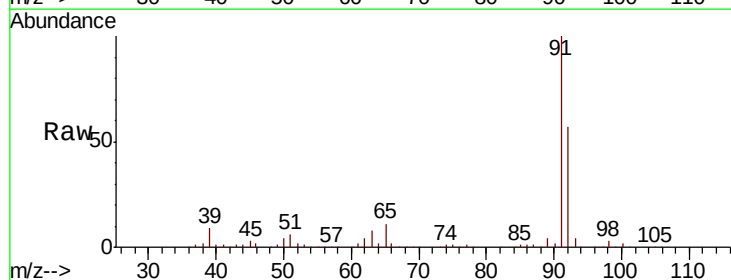
Instrument :
MSVOA_X
ClientSampleId :
VX1003WBSD01

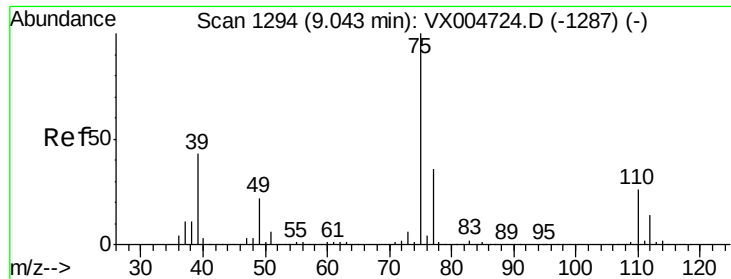
Tot Ion: 43 Resp: 524686
Ion Ratio Lower Upper
43 100
58 37.3 30.5 45.7



#52
Toluene
Concen: 20.990 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

Tgt Ion: 92 Resp: 119154
Ion Ratio Lower Upper
92 100
91 173.4 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 22.043 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Instrument :

MSVOA_X

ClientSampleId :

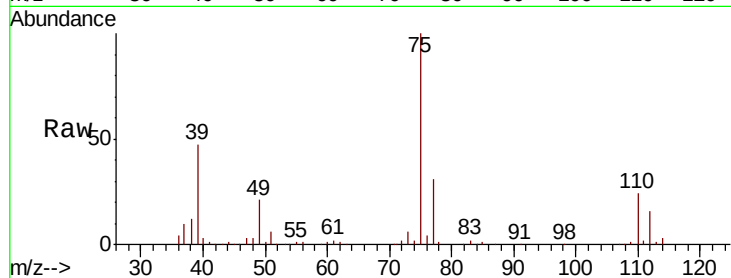
VX1003WBSD01

Tot Ion: 75 Resp: 74256

Ion Ratio Lower Upper

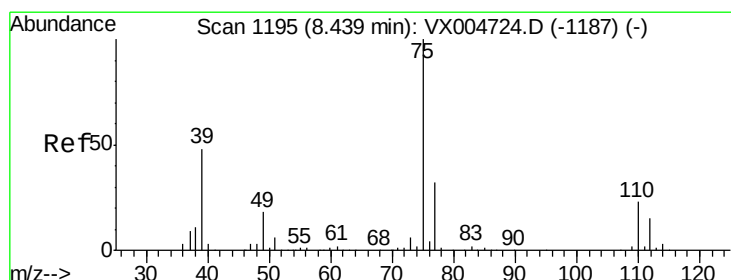
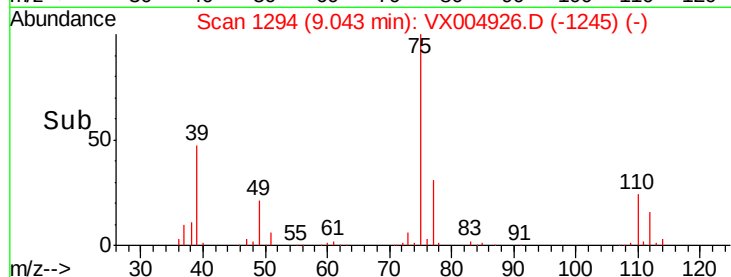
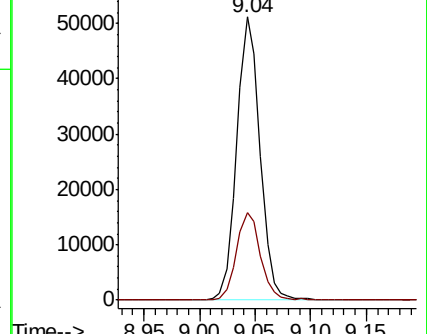
75 100

77 31.1 28.9 43.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 23.183 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

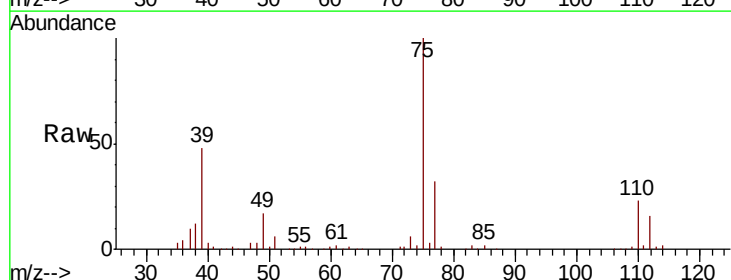
Tgt Ion: 75 Resp: 81800

Ion Ratio Lower Upper

75 100

77 32.2 25.7 38.5

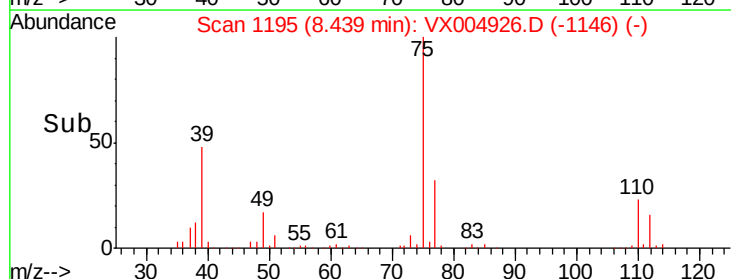
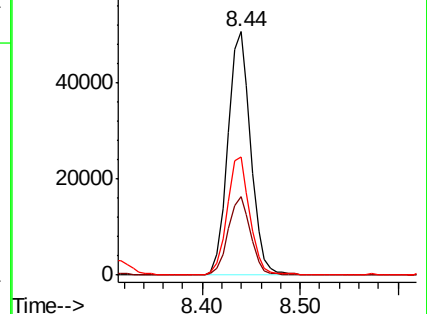
39 48.2 38.3 57.5

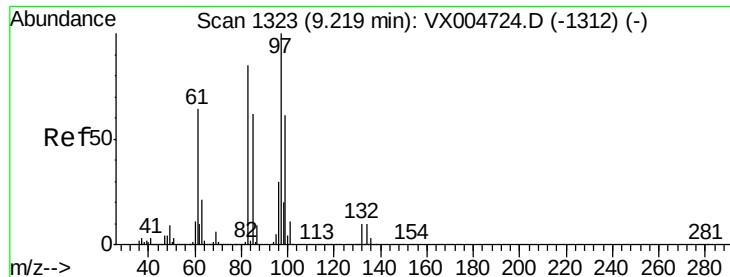


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 22.488 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBSD01

Tot Ion: 97 Resp: 55919

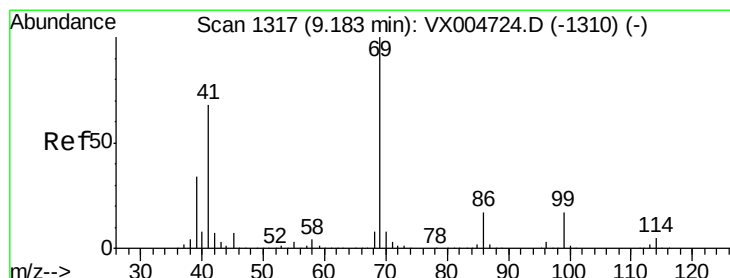
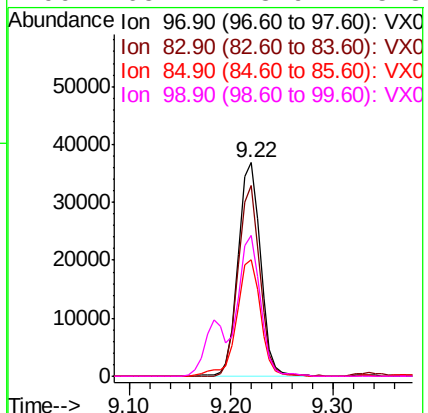
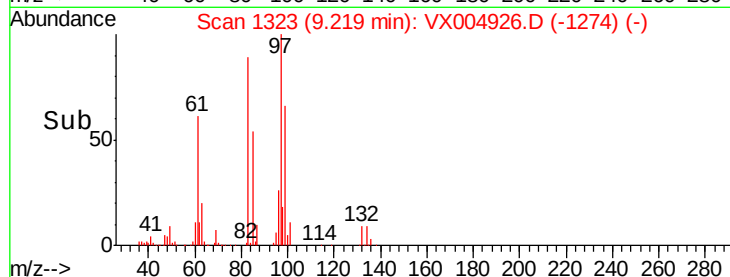
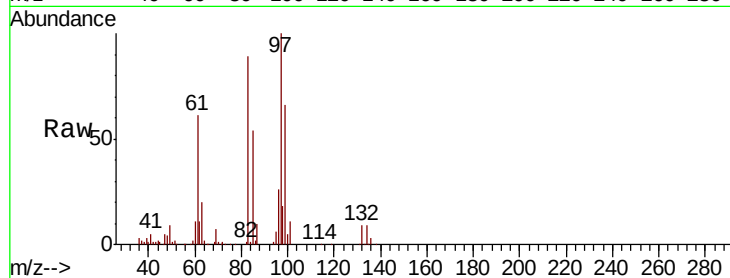
Ion	Ratio	Lower	Upper
97	100		
83	89.4	68.2	102.2
85	54.3	49.9	74.9
99	65.7	48.9	73.3

97 100

83 89.4 68.2 102.2

85 54.3 49.9 74.9

99 65.7 48.9 73.3



#56

Ethyl methacrylate

Concen: 22.634 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

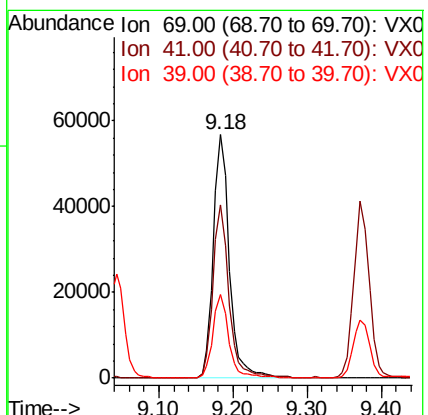
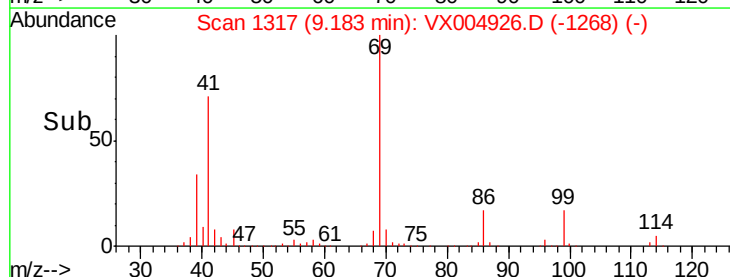
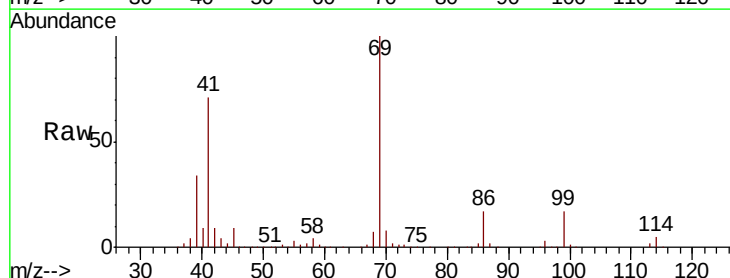
Tgt Ion: 69 Resp: 84623

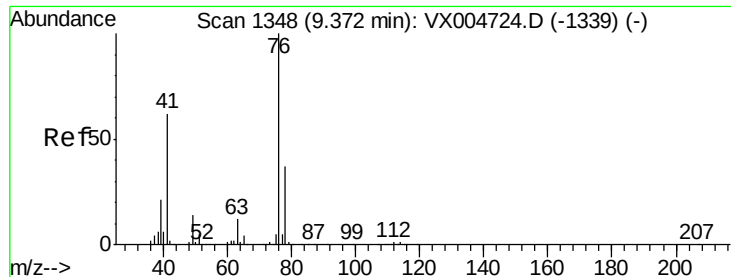
Ion	Ratio	Lower	Upper
69	100		
41	69.9	56.9	85.3
39	34.9	28.4	42.6

69 100

41 69.9 56.9 85.3

39 34.9 28.4 42.6

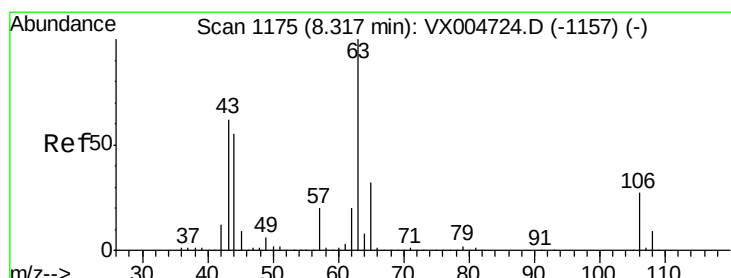
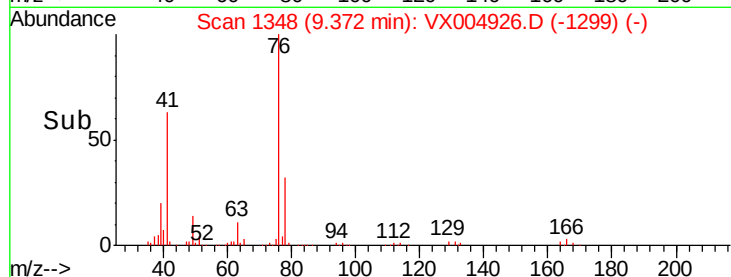
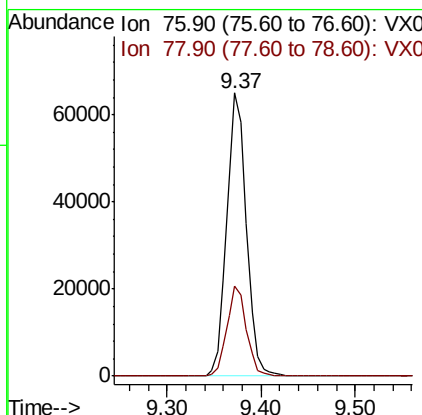
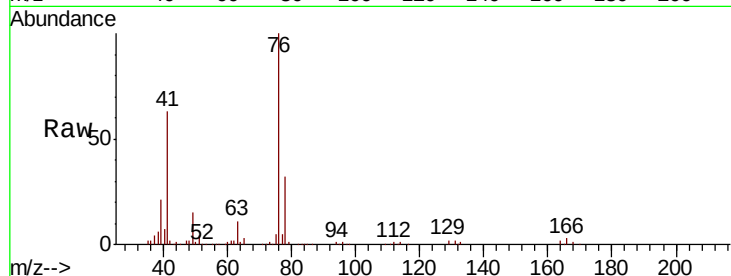




#57
 1,3-Dichloropropane
 Concen: 22.734 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX004926.D
 Acq: 02 Oct 2018 18:34

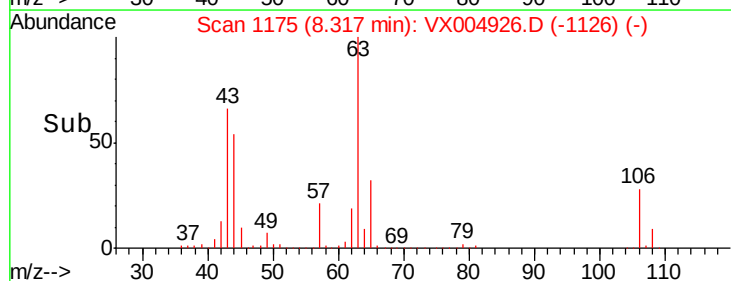
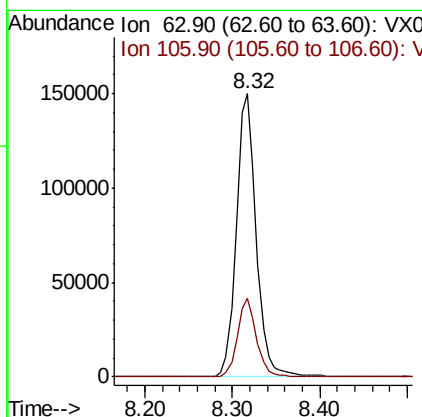
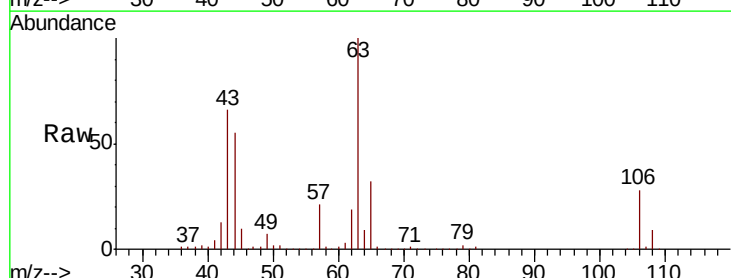
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBSD01

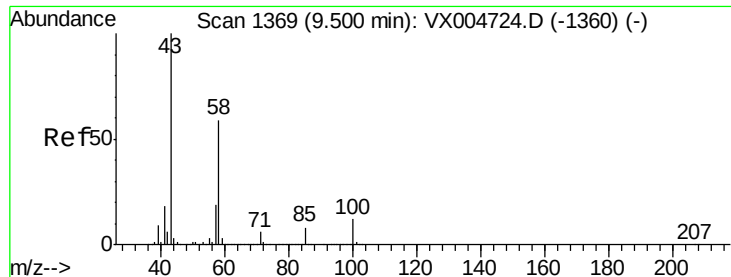
Tot Ion: 76 Resp: 94083
 Ion Ratio Lower Upper
 76 100
 78 31.8 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 119.033 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: VX004926.D
 Acq: 02 Oct 2018 18:34

Tgt Ion: 63 Resp: 238084
 Ion Ratio Lower Upper
 63 100
 106 26.7 21.0 31.6

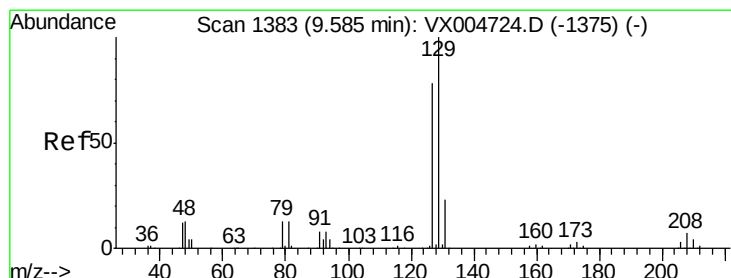
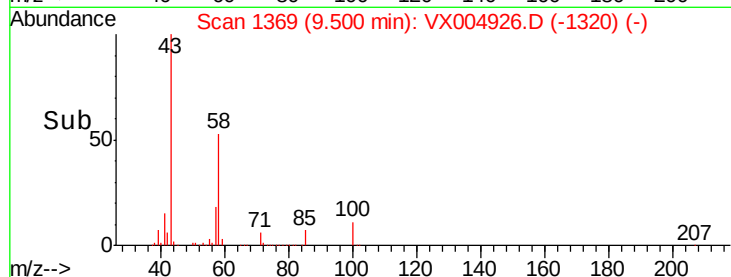
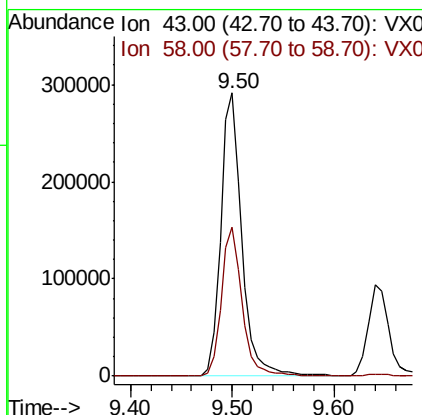
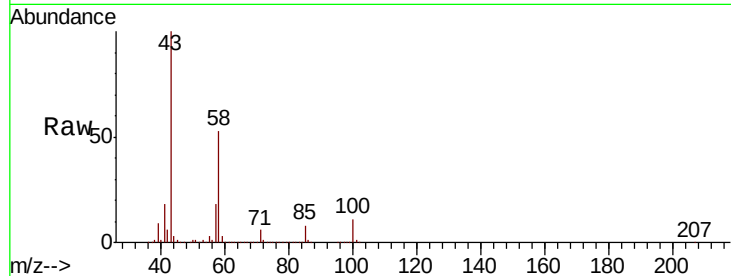




#59
2-Hexanone
Concen: 126.345 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

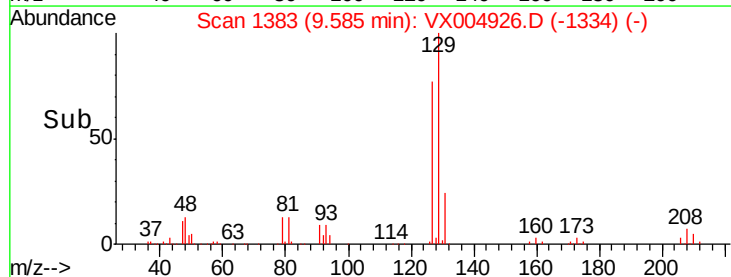
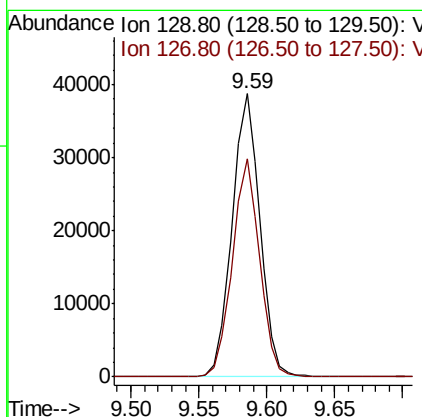
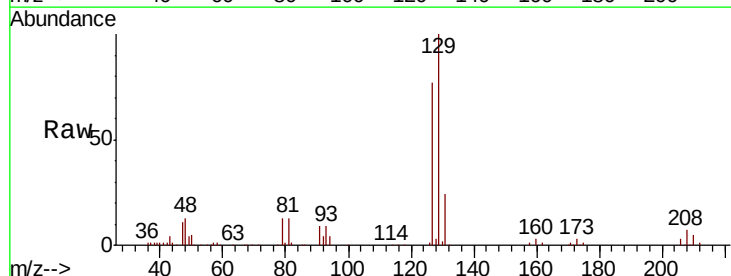
Instrument :
MSVOA_X
ClientSampleId :
VX1003WBSD01

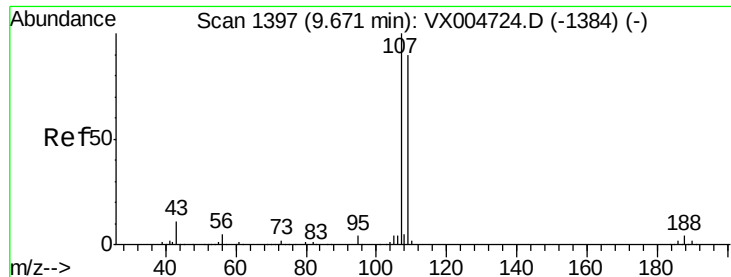
Tot Ion: 43 Resp: 419122
Ion Ratio Lower Upper
43 100
58 52.2 28.4 85.3



#60
Dibromochloromethane
Concen: 22.158 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

Tgt Ion: 129 Resp: 55102
Ion Ratio Lower Upper
129 100
127 75.6 39.1 117.2





#61

1,2-Dibromoethane

Concen: 21.912 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Instrument :

MSVOA_X

ClientSampleId :

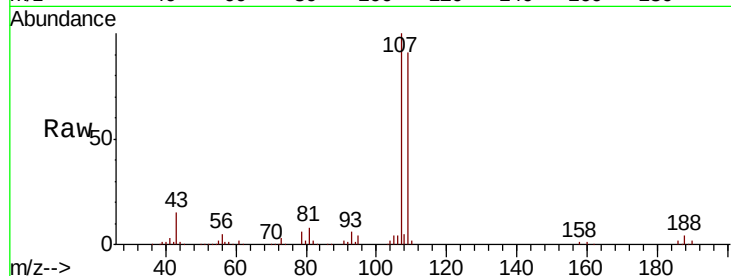
VX1003WBSD01

Tot Ion:107 Resp: 58353

Ion Ratio Lower Upper

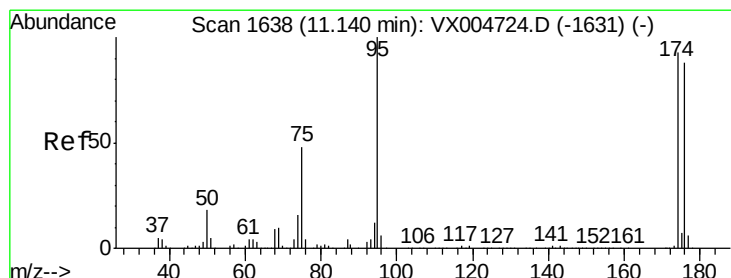
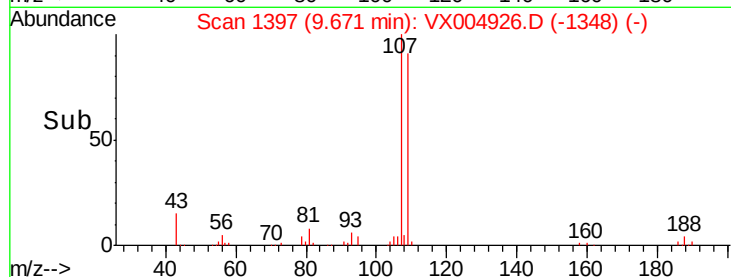
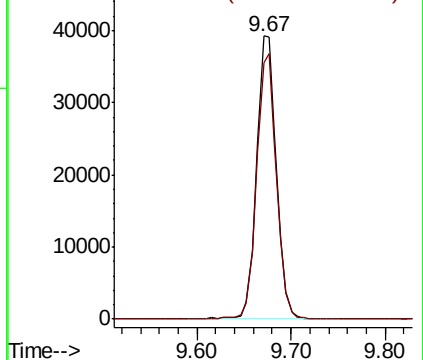
107 100

109 93.6 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: 54.280 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

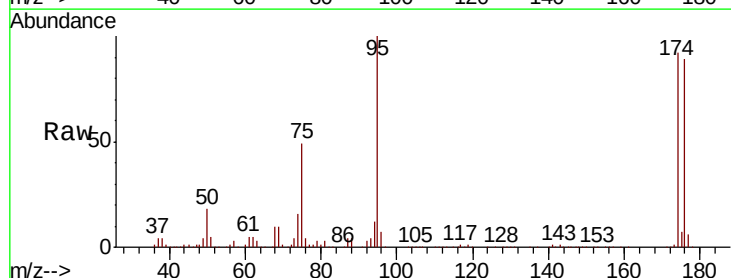
Tgt Ion: 95 Resp: 157235

Ion Ratio Lower Upper

95 100

174 91.5 0.0 185.0

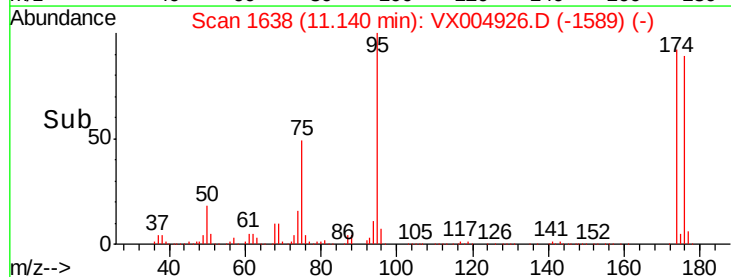
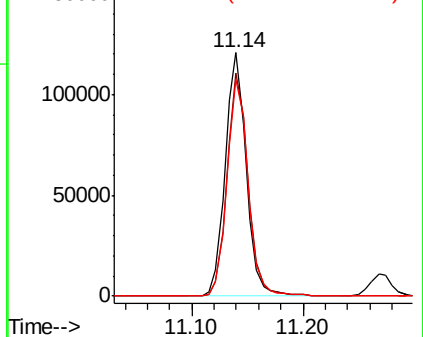
176 89.6 0.0 180.2

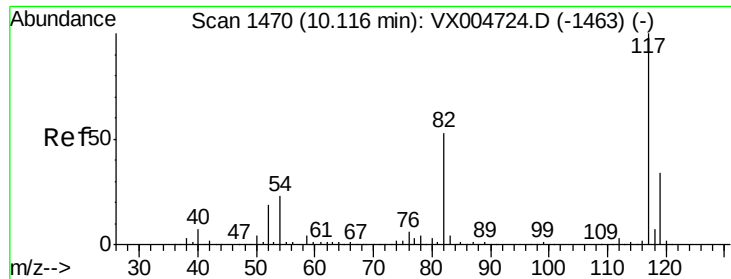


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

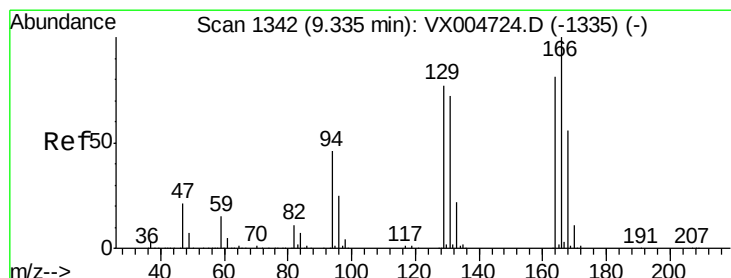
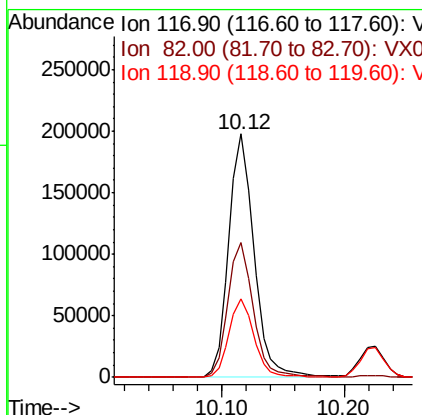
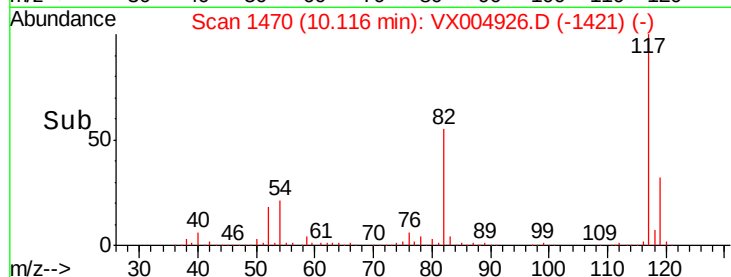
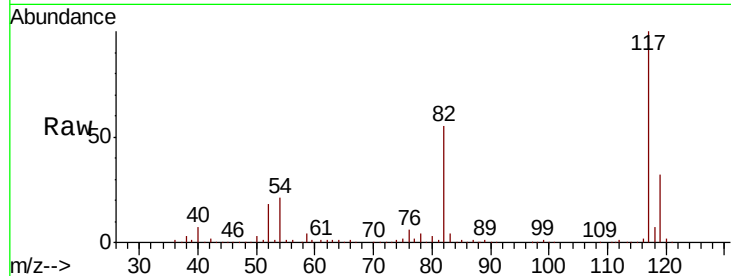




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

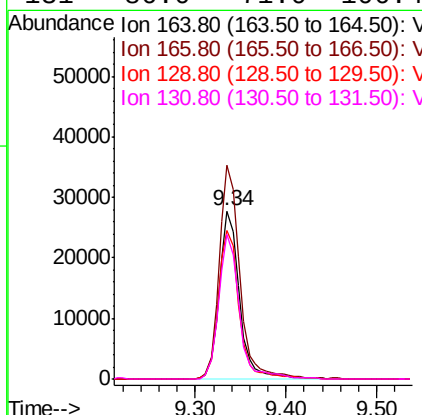
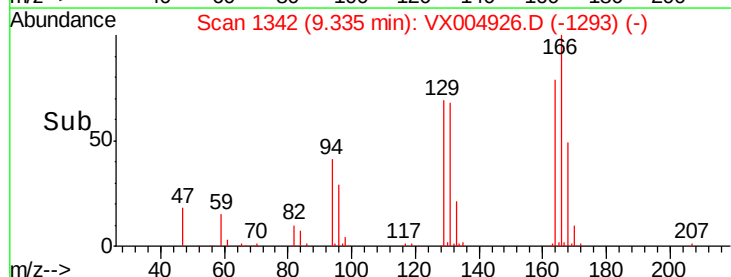
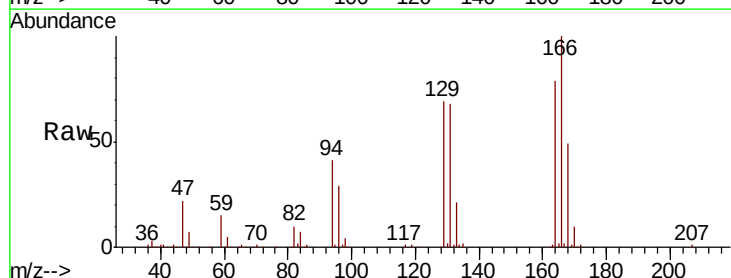
Instrument :
MSVOA_X
ClientSampled :
VX1003WBSD01

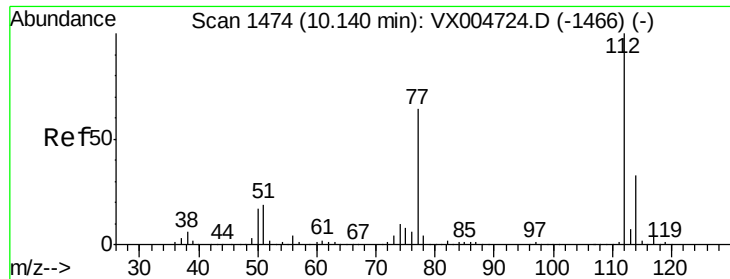
Tot Ion:117 Resp: 284589
Ion Ratio Lower Upper
117 100
82 55.4 42.2 63.4
119 32.4 27.4 41.0



#64
Tetrachloroethene
Concen: 15.505 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

Tgt Ion:164 Resp: 43428
Ion Ratio Lower Upper
164 100
166 127.3 98.4 147.6
129 88.5 76.1 114.1
131 86.0 71.0 106.4

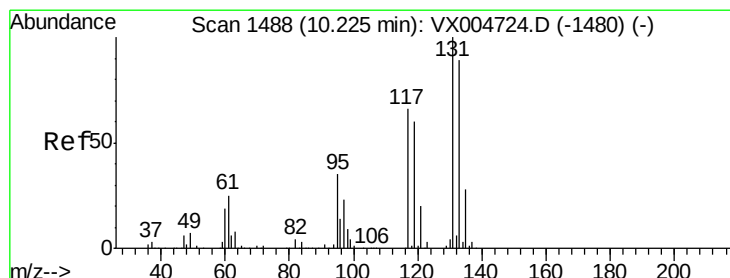
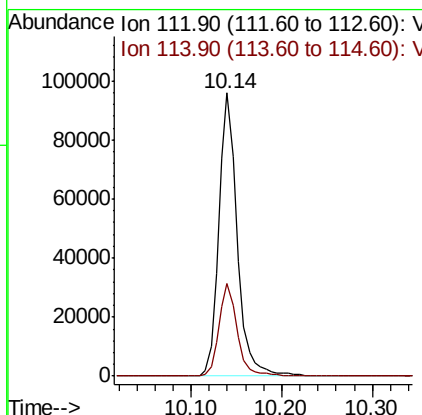
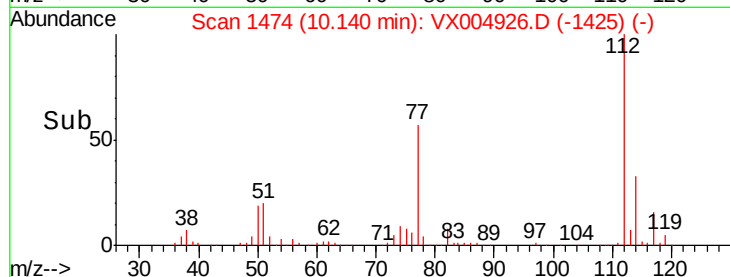
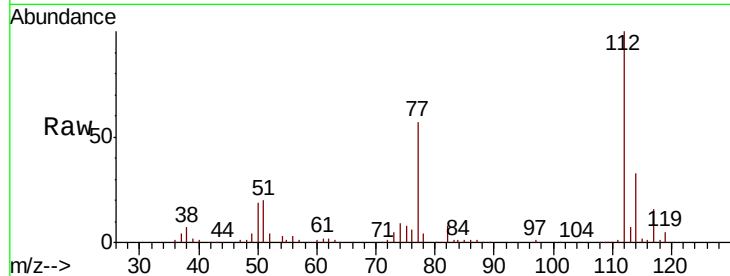




#65
Chlorobenzene
Concen: 18.626 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

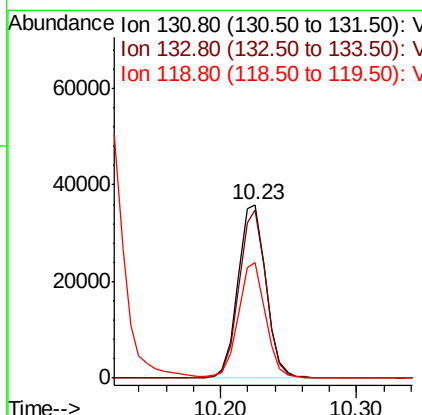
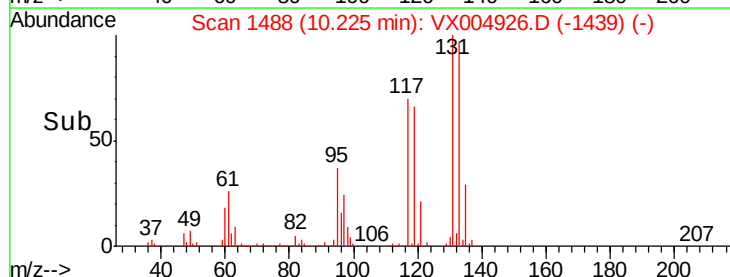
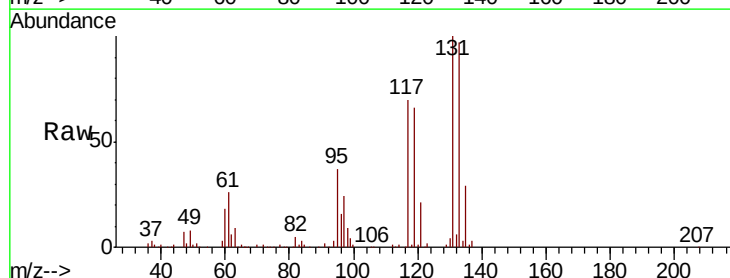
Instrument :
MSVOA_X
ClientSampled :
VX1003WBSD01

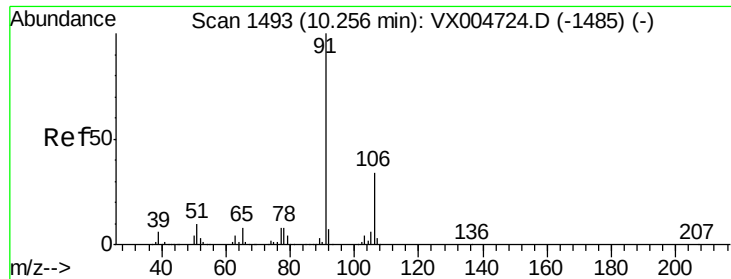
Tot Ion:112 Resp: 135928
Ion Ratio Lower Upper
112 100
114 32.7 26.7 40.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.952 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

Tgt Ion:131 Resp: 51188
Ion Ratio Lower Upper
131 100
133 94.4 48.4 145.0
119 65.2 32.3 96.8

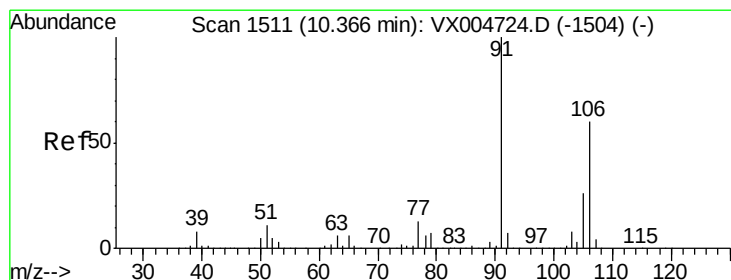
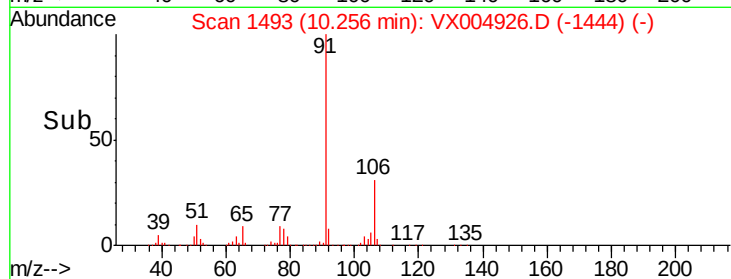
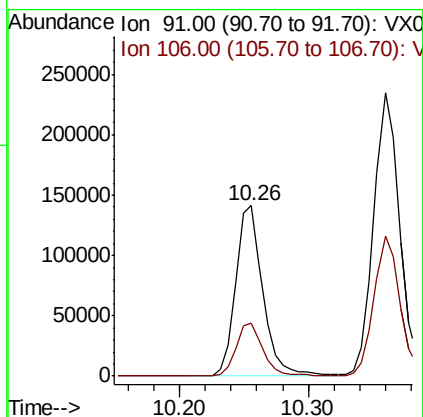
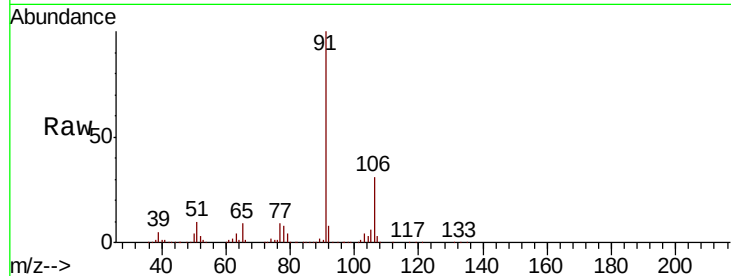




#67
Ethyl Benzene
Concen: 17.978 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

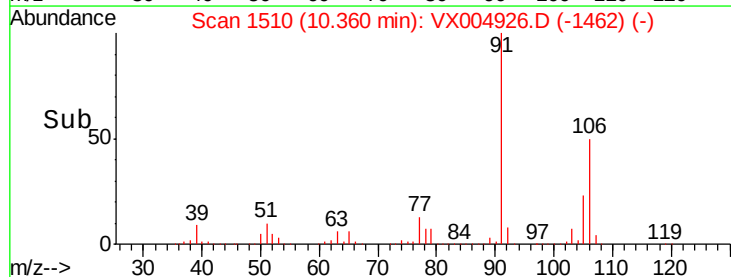
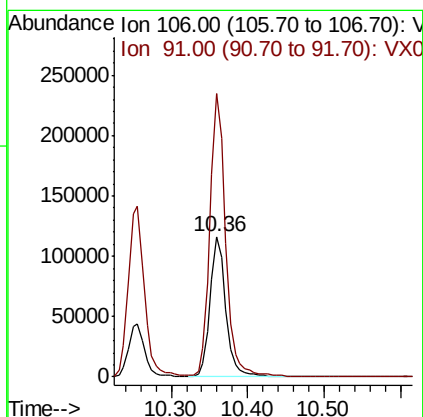
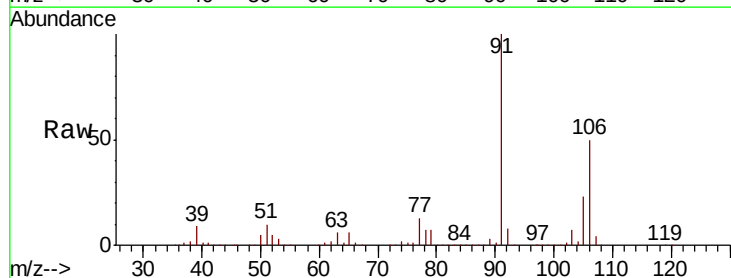
Instrument :
MSVOA_X
ClientSampled :
VX1003WBSD01

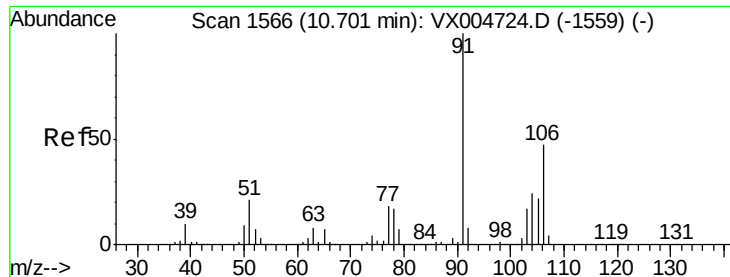
Tot Ion: 91 Resp: 208292
Ion Ratio Lower Upper
91 100
106 30.9 26.9 40.3



#68
m/p-Xylenes
Concen: 36.868 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

Tgt Ion: 106 Resp: 166917
Ion Ratio Lower Upper
106 100
91 202.5 157.5 236.3

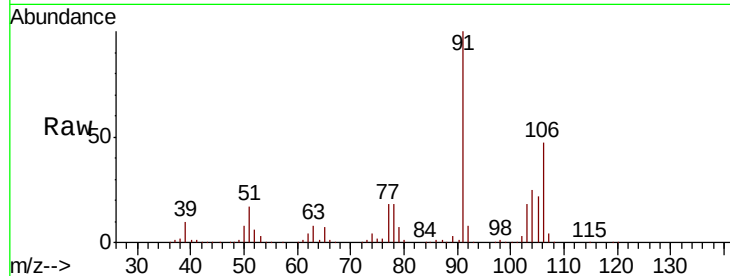




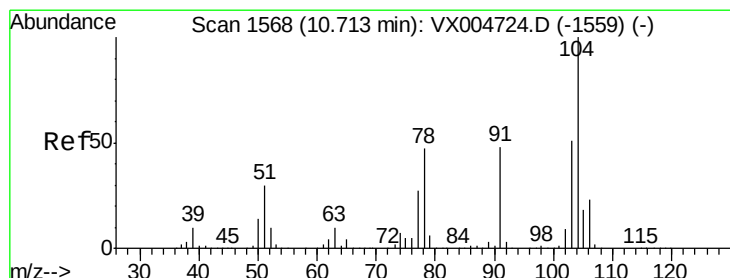
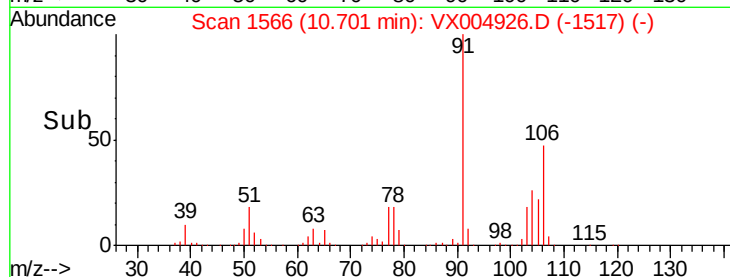
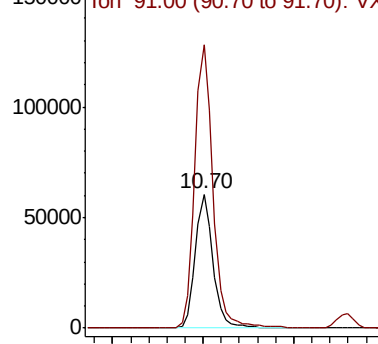
#69
o-Xylene
Concen: 20.039 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBSD01

Tot Ion:106 Resp: 83331
Ion Ratio Lower Upper
106 100
91 215.7 108.3 324.8

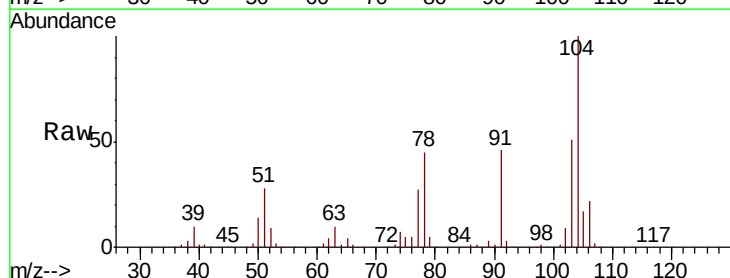


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

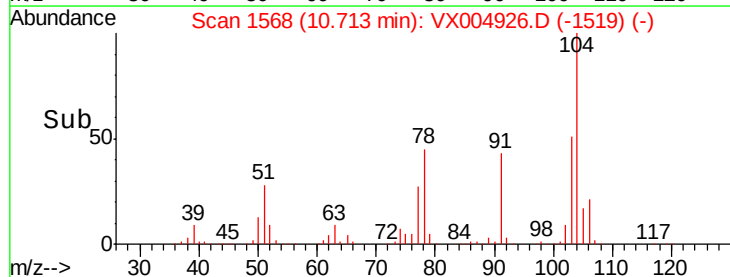
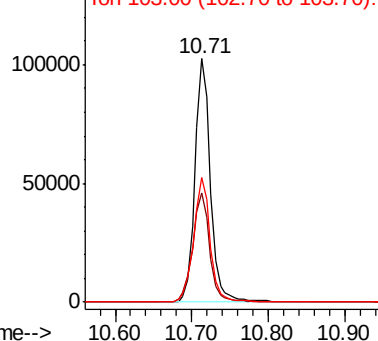


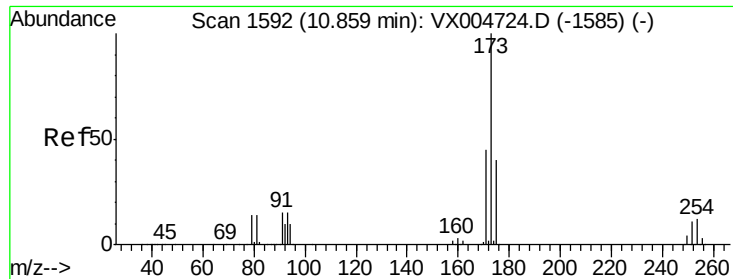
#70
Styrene
Concen: 19.782 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004926.D
Acq: 02 Oct 2018 18:34

Tgt Ion:104 Resp: 143347
Ion Ratio Lower Upper
104 100
78 49.5 40.0 60.0
103 55.2 44.3 66.5



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





#71

Bromoform

Concen: 20.261 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBSD01

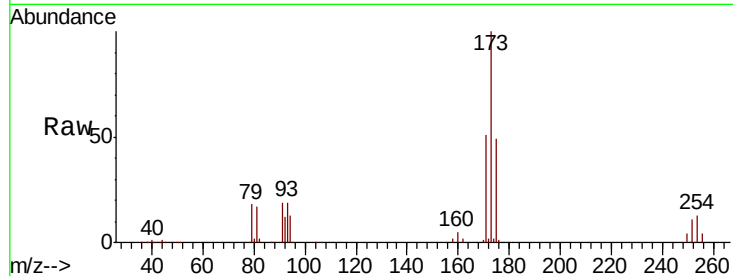
Tot Ion:173 Resp: 44502

Ion Ratio Lower Upper

173 100

175 48.8 23.3 69.8

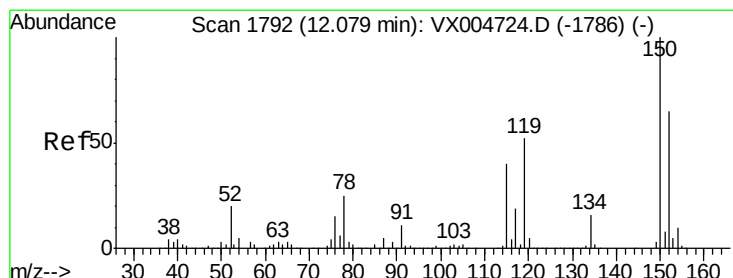
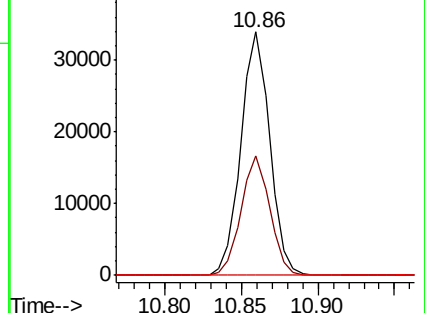
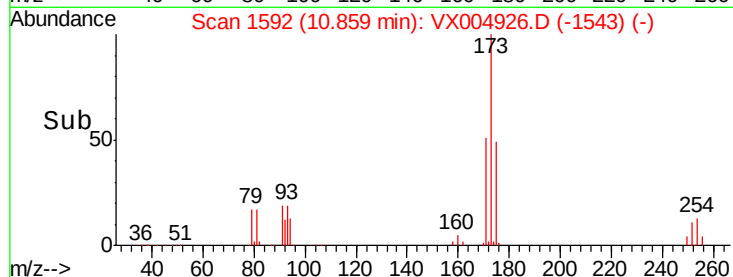
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

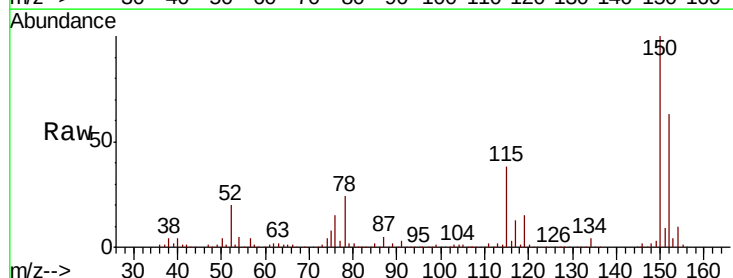
Tgt Ion:152 Resp: 166811

Ion Ratio Lower Upper

152 100

115 64.9 40.2 120.6

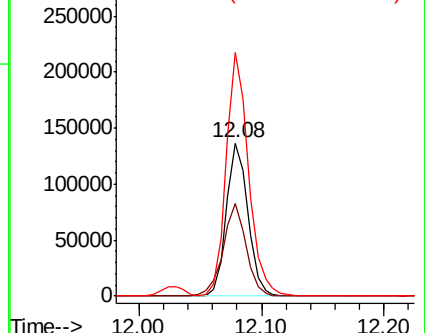
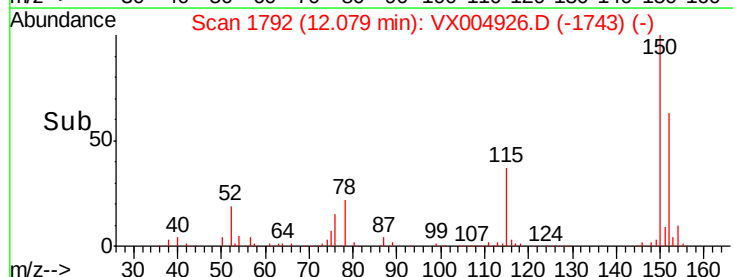
150 164.6 0.0 351.0

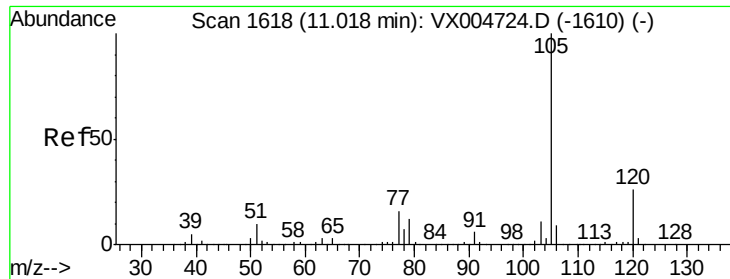


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.315 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Instrument :

MSVOA_X

ClientSampleId :

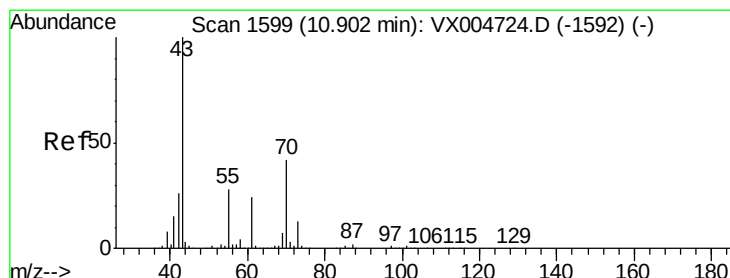
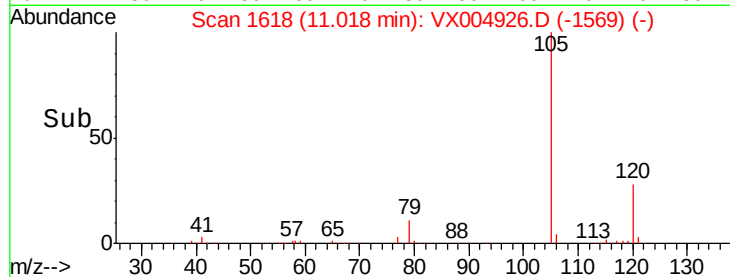
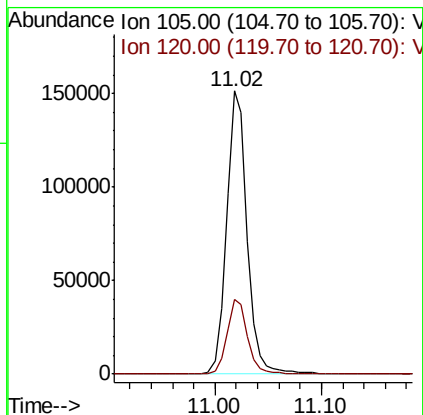
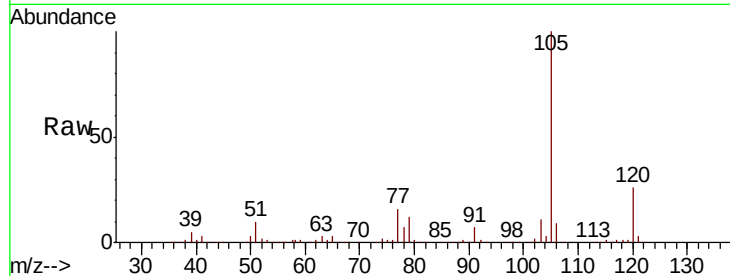
VX1003WBSD01

Tot Ion:105 Resp: 203083

Ion Ratio Lower Upper

105 100

120 26.7 13.2 39.5



#74

N-ethyl acetate

Concen: 22.155 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Tgt Ion: 43 Resp: 122205

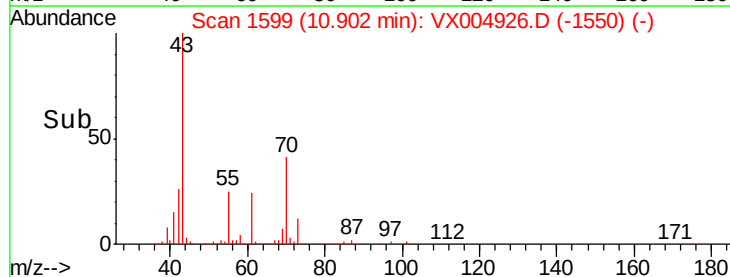
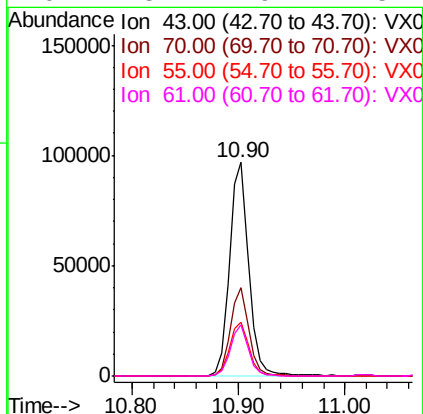
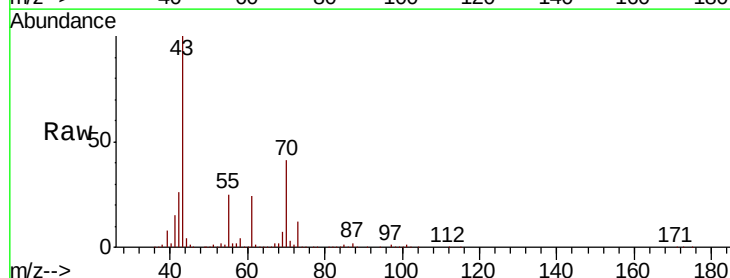
Ion Ratio Lower Upper

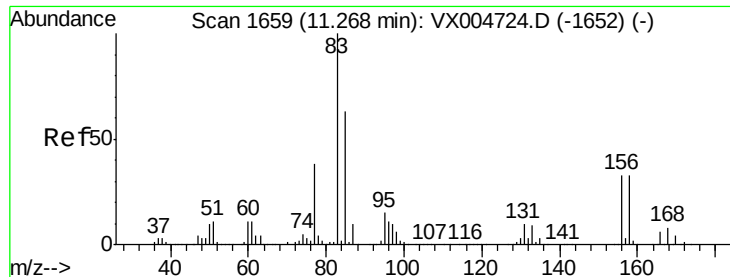
43 100

70 40.4 32.6 48.8

55 26.0 21.6 32.4

61 23.2 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 22.051 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Instrument :

MSVOA_X

ClientSampled :

VX1003WBSD01

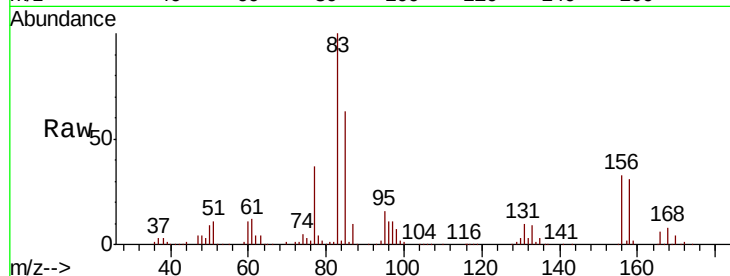
Tot Ion: 83 Resp: 94381

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

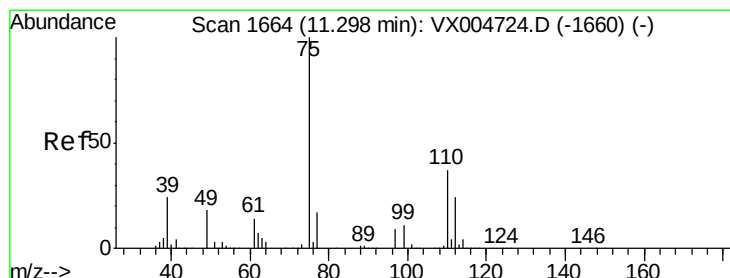
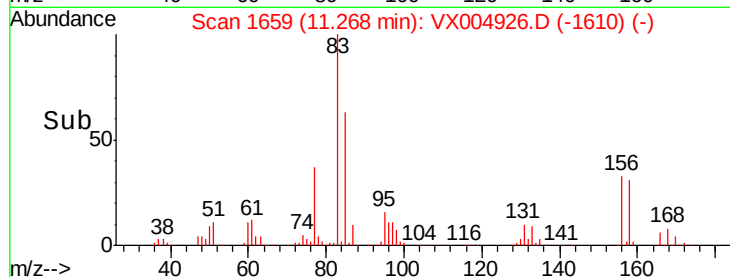
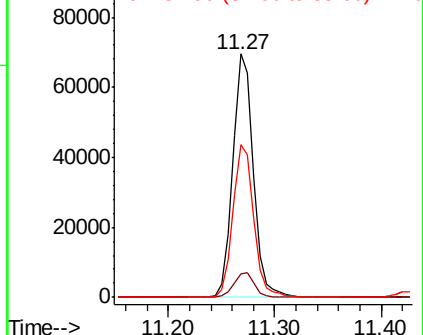
85 63.7 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 28.382 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX004926.D

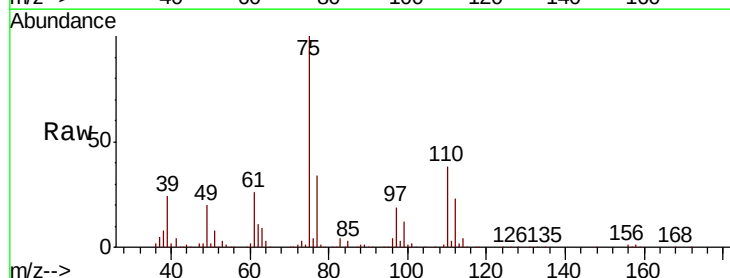
Acq: 02 Oct 2018 18:34

Tgt Ion: 75 Resp: 106117

Ion Ratio Lower Upper

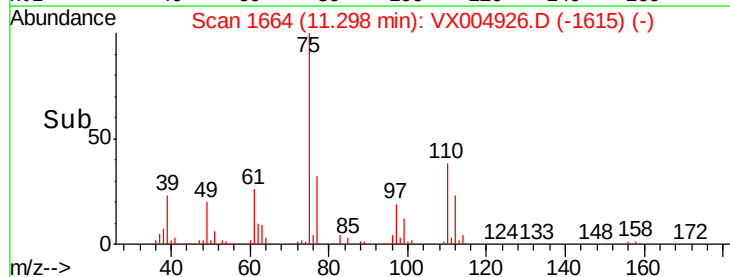
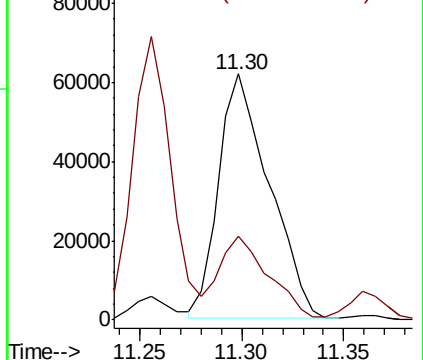
75 100

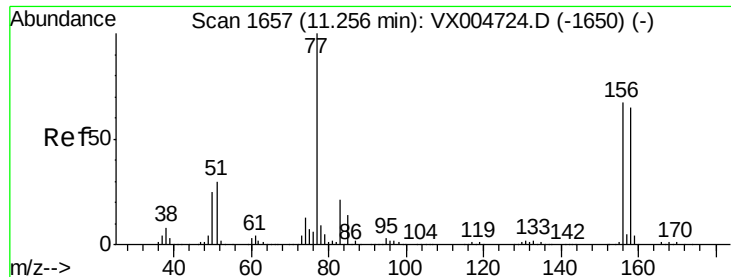
77 33.3 21.4 64.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.288 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBSD01

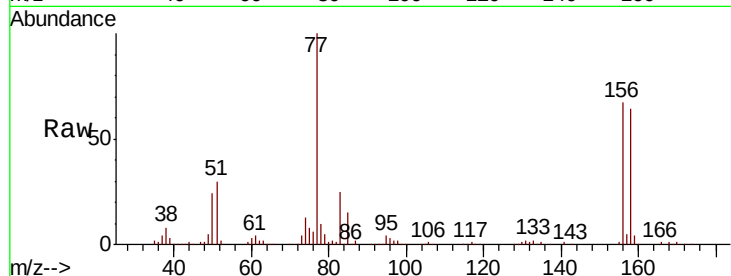
Tot Ion:156 Resp: 65012

Ion Ratio Lower Upper

156 100

77 145.2 73.4 220.2

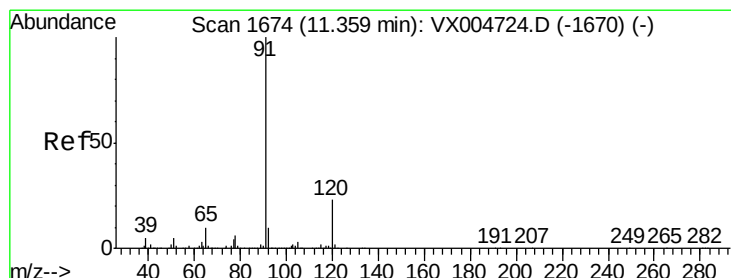
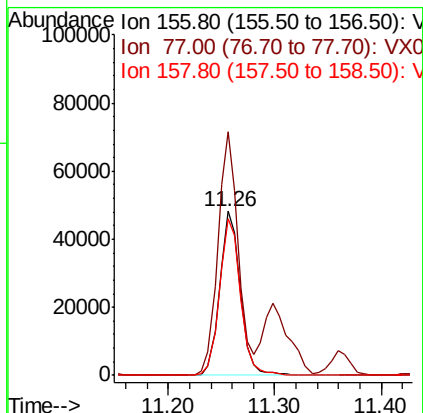
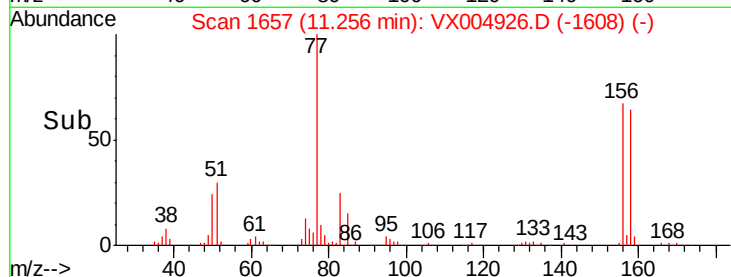
158 97.2 49.1 147.4



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: 19.064 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004926.D

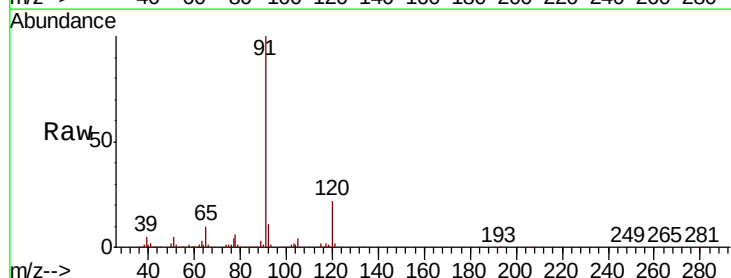
Acq: 02 Oct 2018 18:34

Tgt Ion: 91 Resp: 229989

Ion Ratio Lower Upper

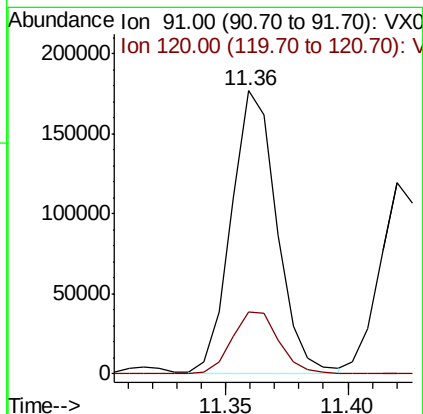
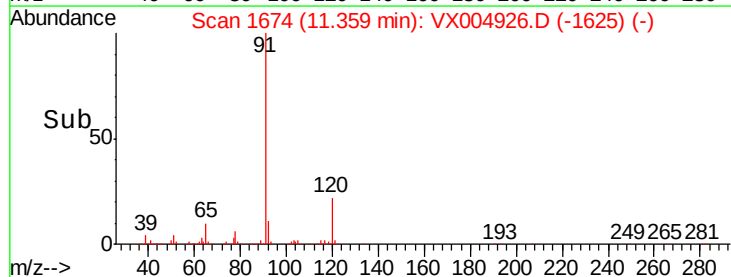
91 100

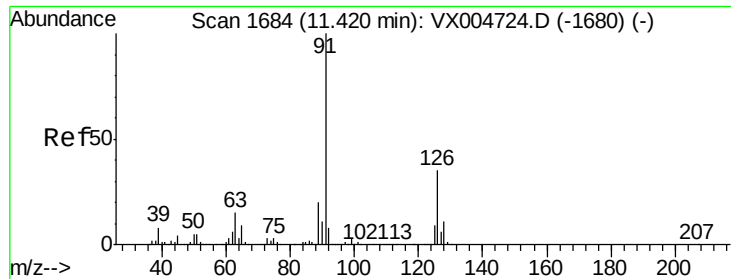
120 22.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.035 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Instrument :

MSVOA_X

ClientSampleId :

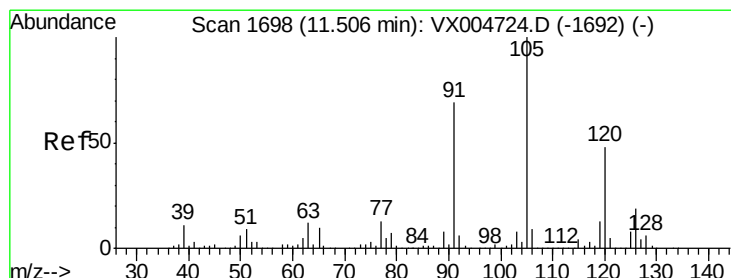
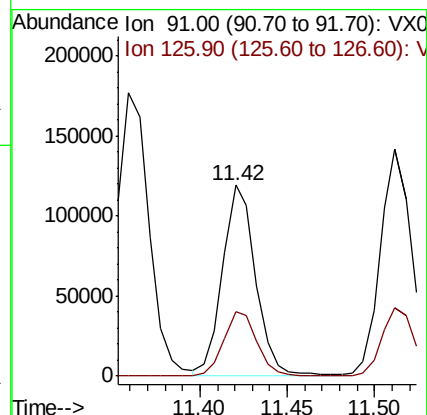
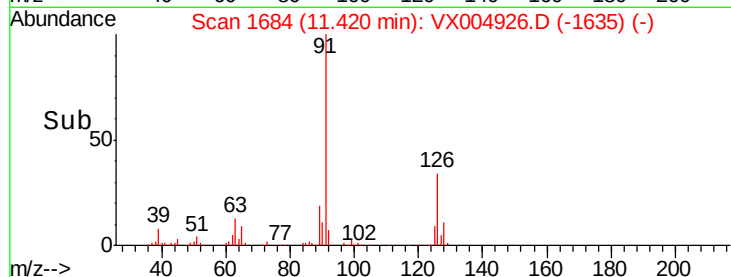
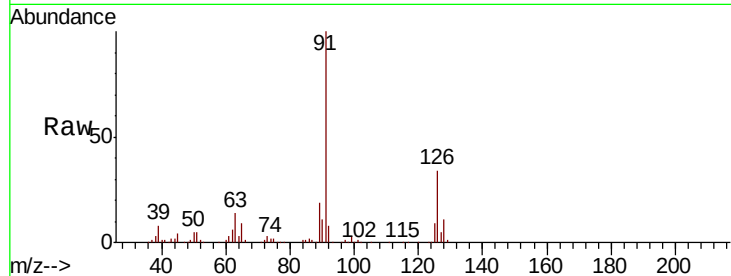
VX1003WBSD01

Tot Ion: 91 Resp: 158179

Ion Ratio Lower Upper

91 100

126 34.0 17.6 52.9



#80

1,3,5-Trimethylbenzene

Concen: 18.362 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004926.D

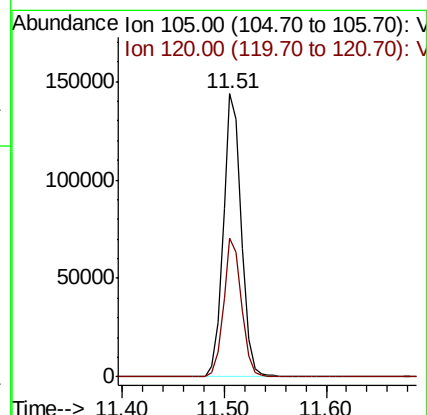
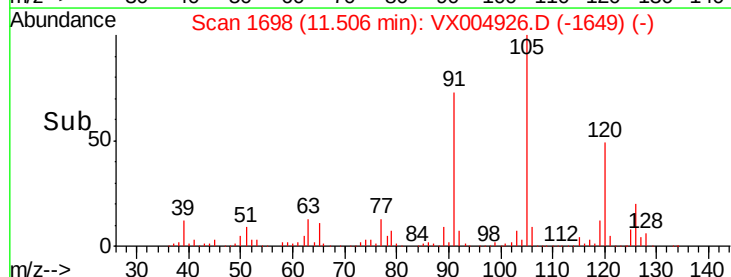
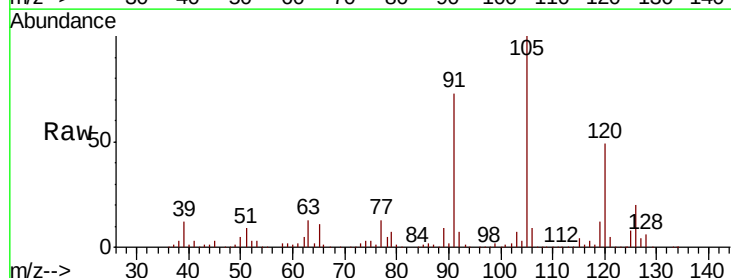
Acq: 02 Oct 2018 18:34

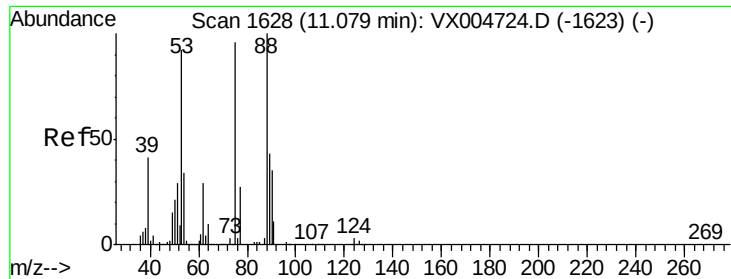
Tgt Ion: 105 Resp: 178160

Ion Ratio Lower Upper

105 100

120 48.6 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.129 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Instrument :

MSVOA_X

ClientSampled :

VX1003WBSD01

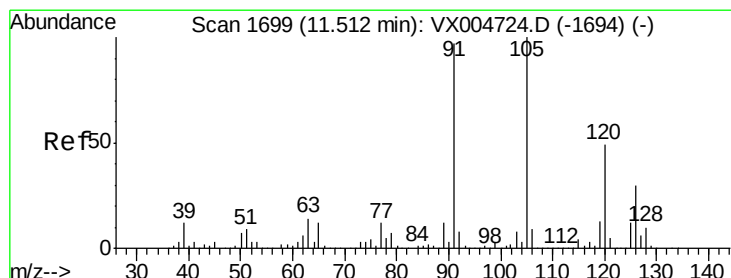
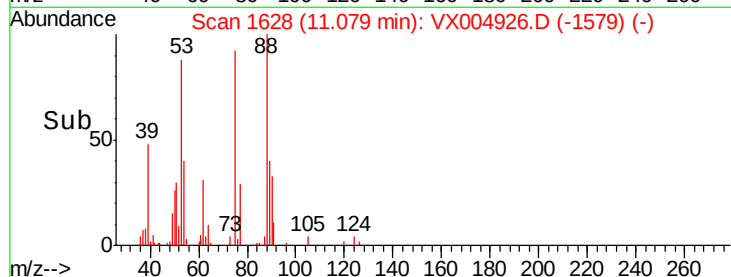
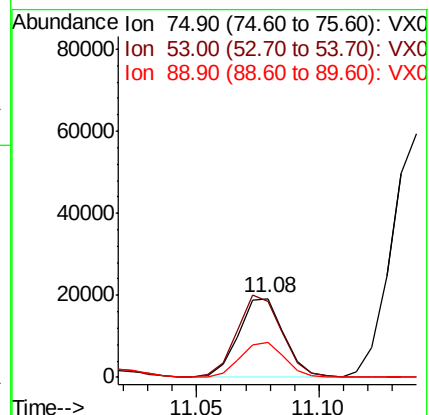
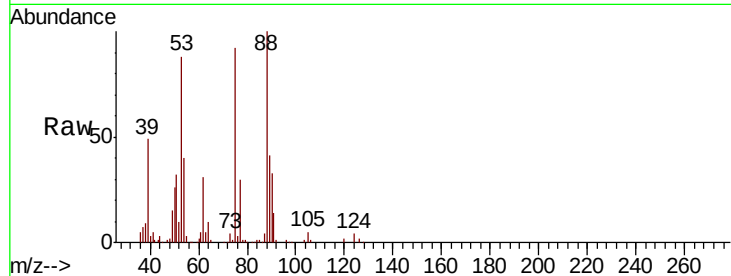
Tot Ion: 75 Resp: 24471

Ion Ratio Lower Upper

75 100

53 103.8 80.2 120.4

89 45.6 37.1 55.7



#82

4-Chlorotoluene

Concen: 20.357 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX004926.D

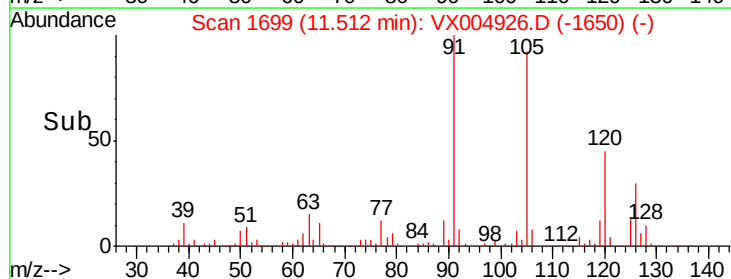
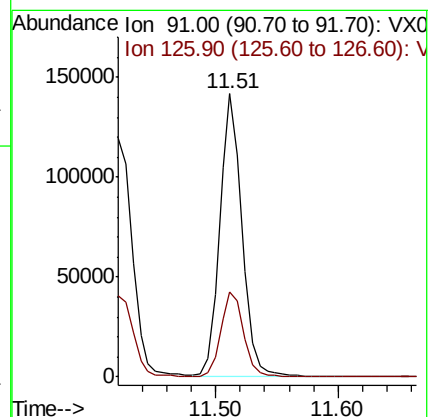
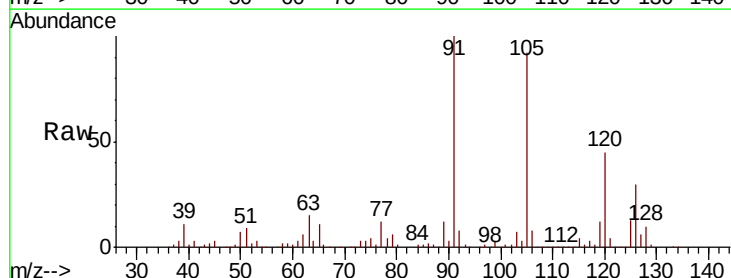
Acq: 02 Oct 2018 18:34

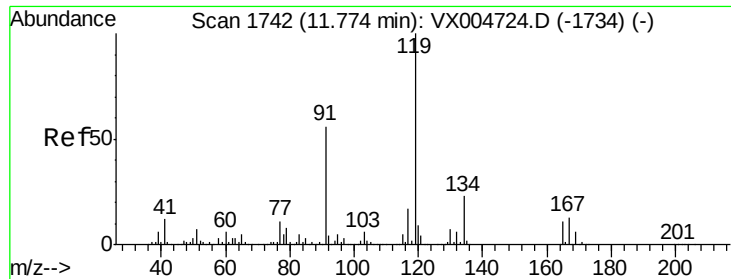
Tgt Ion: 91 Resp: 180182

Ion Ratio Lower Upper

91 100

126 30.9 15.5 46.5

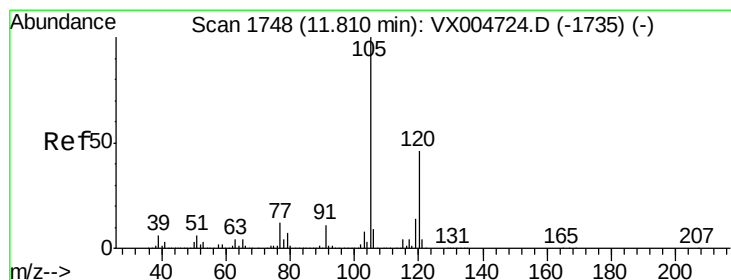
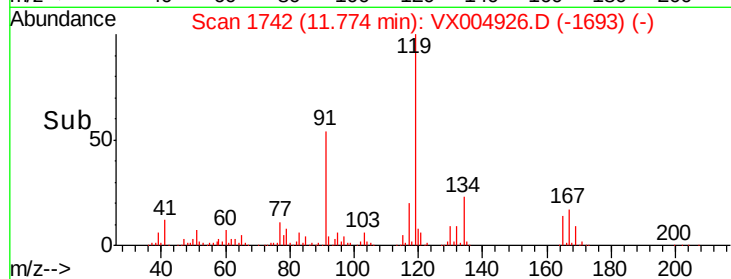
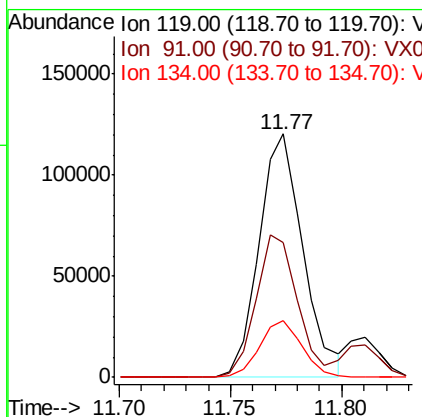
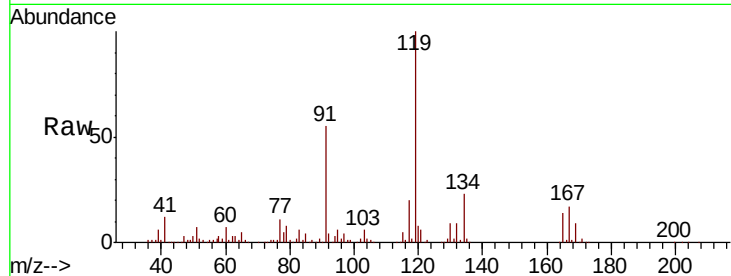




#83
 tert-Butylbenzene
 Concen: 19.046 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX004926.D
 Acq: 02 Oct 2018 18:34

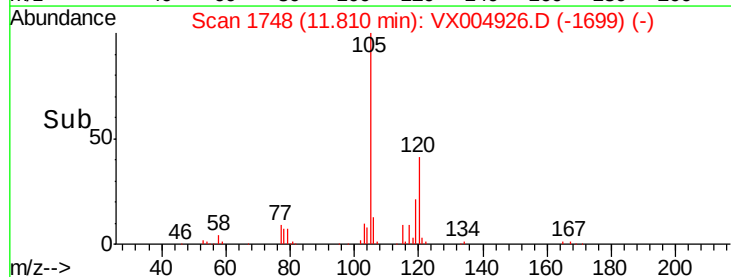
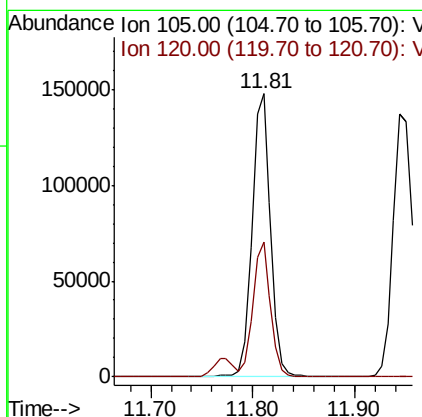
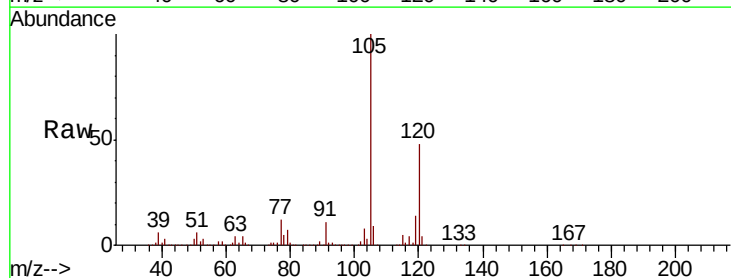
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBSD01

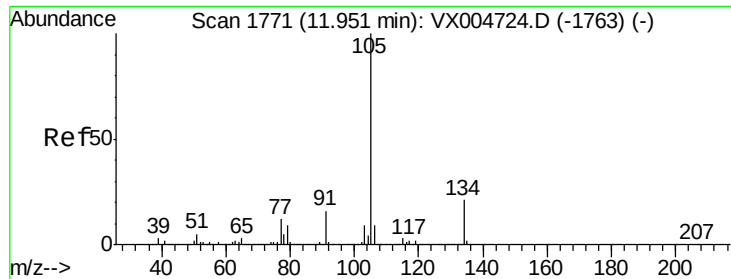
Tot Ion:119 Resp: 164880
 Ion Ratio Lower Upper
 119 100
 91 55.0 27.5 82.5
 134 22.8 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 18.690 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004926.D
 Acq: 02 Oct 2018 18:34

Tgt Ion:105 Resp: 186974
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.8 68.3





#85

sec-Butylbenzene

Concen: 17.501 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Instrument :

MSVOA_X

ClientSampleId :

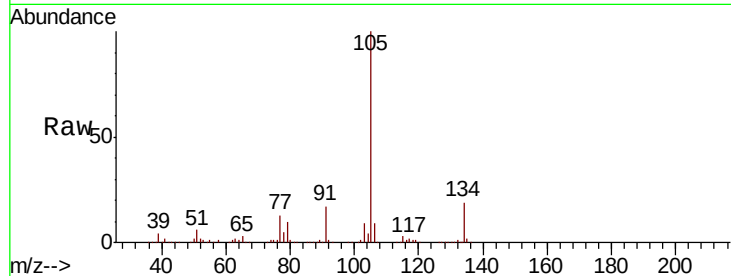
VX1003WBSD01

Tot Ion:105 Resp: 184534

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

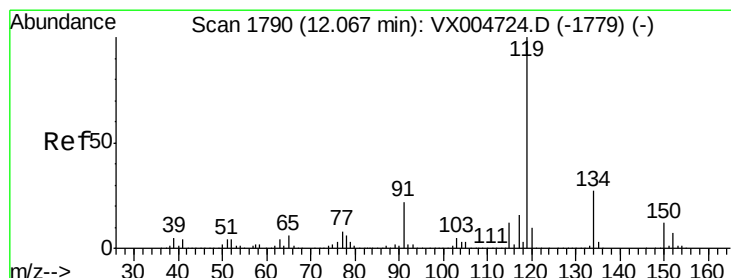
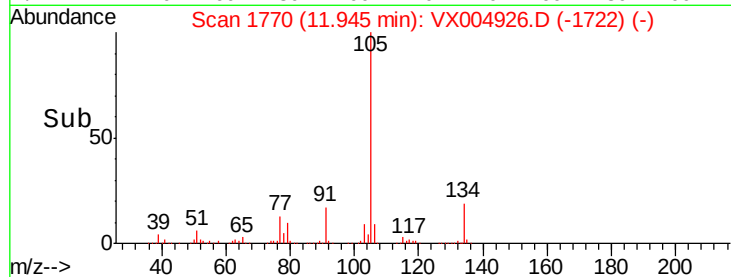
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 17.734 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

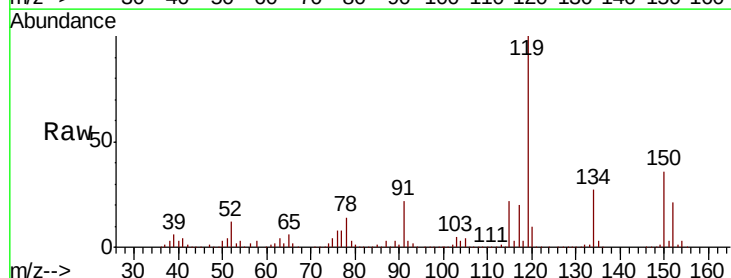
Tgt Ion:119 Resp: 169420

Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.1

91 23.1 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.07

200000

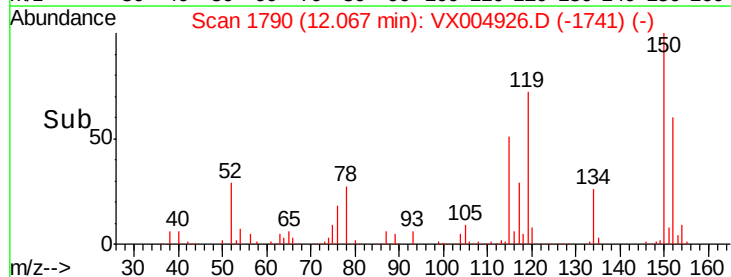
150000

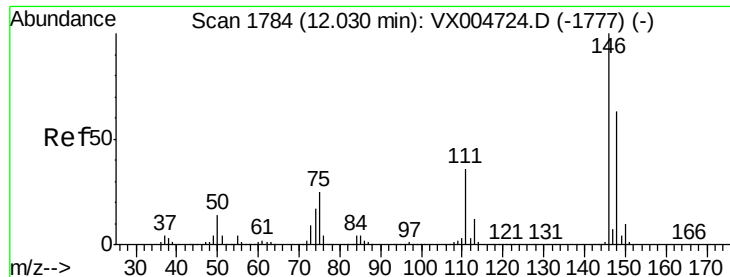
100000

50000

0

Time-->

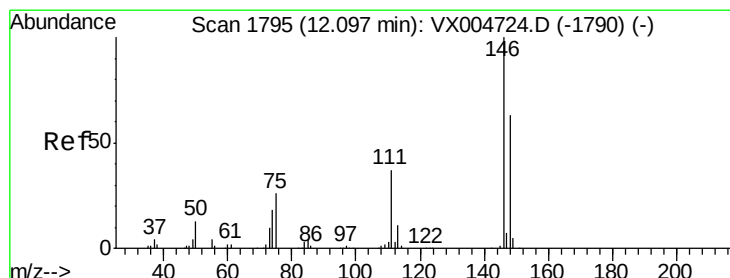
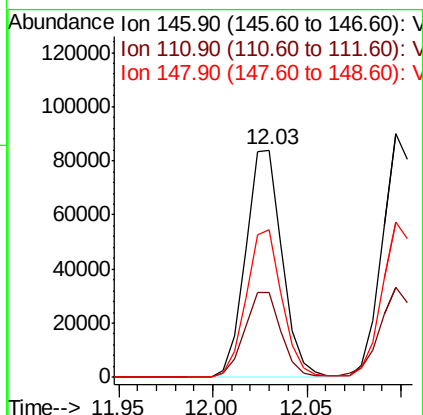
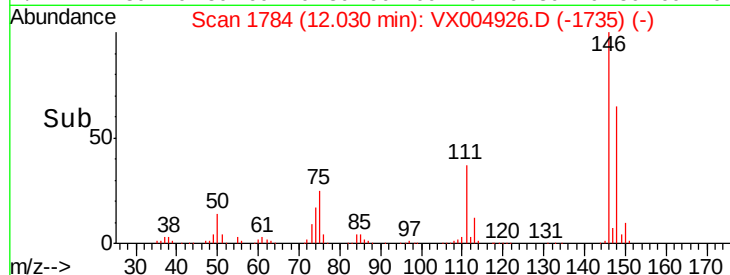
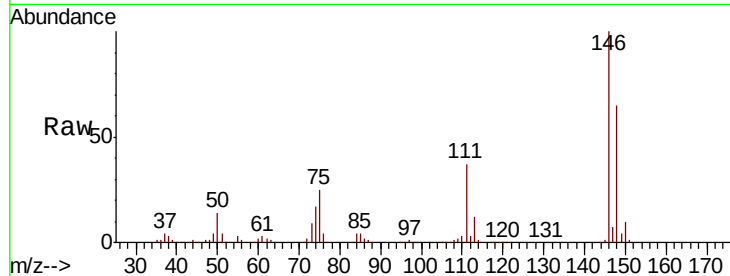




#87
 1,3-Dichlorobenzene
 Concen: 19.754 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX004926.D
 Acq: 02 Oct 2018 18:34

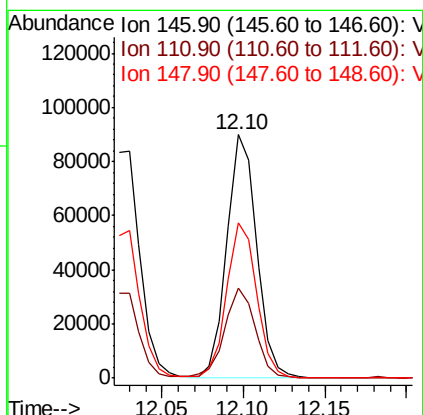
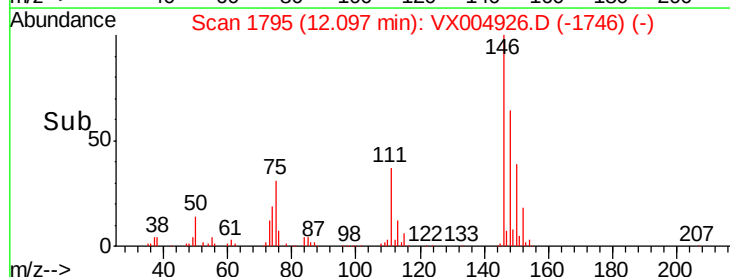
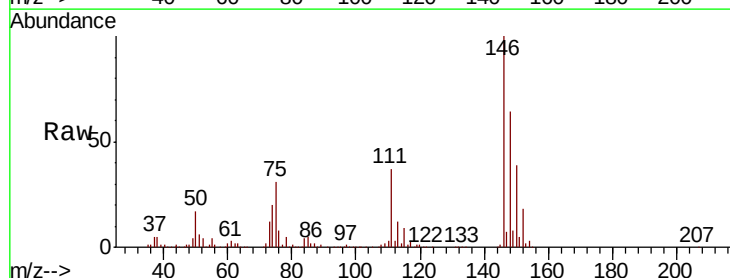
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBSD01

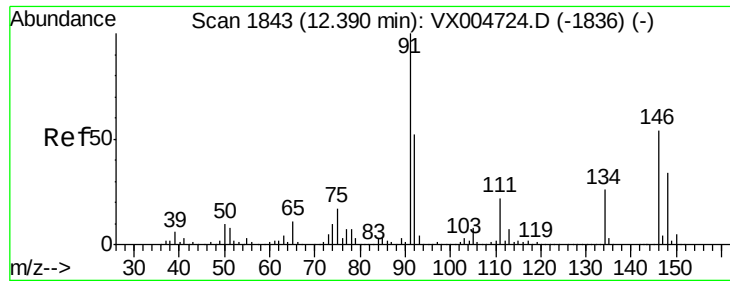
Tot Ion:146 Resp: 112650
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.9 56.9
 148 64.0 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 19.525 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX004926.D
 Acq: 02 Oct 2018 18:34

Tgt Ion:146 Resp: 114940
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.4 55.2
 148 64.1 32.0 96.0





#89

n-Butylbenzene

Concen: 15.814 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBSD01

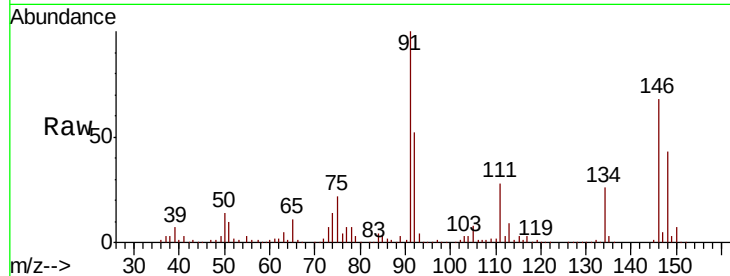
Tot Ion: 91 Resp: 137207

Ion Ratio Lower Upper

91 100

92 51.7 26.0 78.0

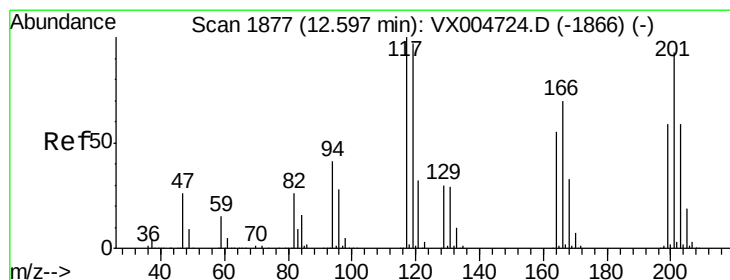
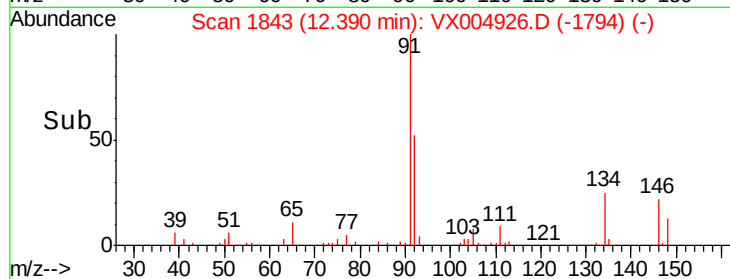
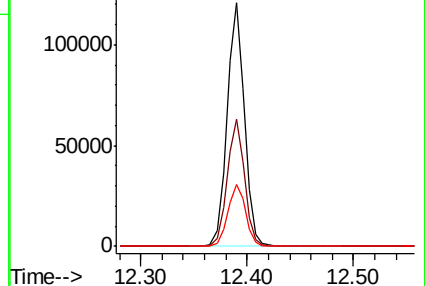
134 26.1 13.2 39.6



Abundance Ion 91.00 (90.70 to 91.70): VX004724.D (-1836) (-)

Ion 92.00 (91.70 to 92.70): VX004724.D (-1836) (-)

Ion 134.00 (133.70 to 134.70): VX004724.D (-1836) (-)



#90

Hexachloroethane

Concen: 17.096 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX004926.D

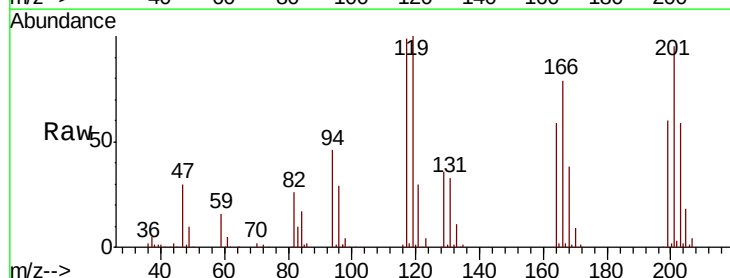
Acq: 02 Oct 2018 18:34

Tgt Ion: 117 Resp: 27193

Ion Ratio Lower Upper

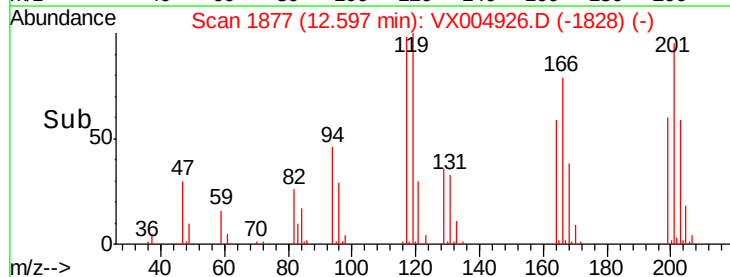
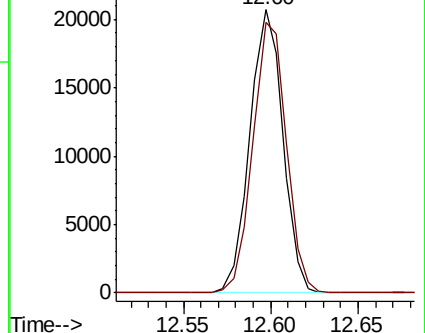
117 100

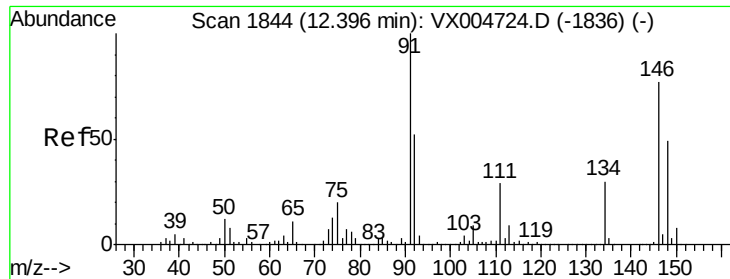
201 96.9 48.4 145.0



Abundance Ion 116.80 (116.50 to 117.50): VX004724.D (-1866) (-)

Ion 200.70 (200.40 to 201.40): VX004724.D (-1866) (-)

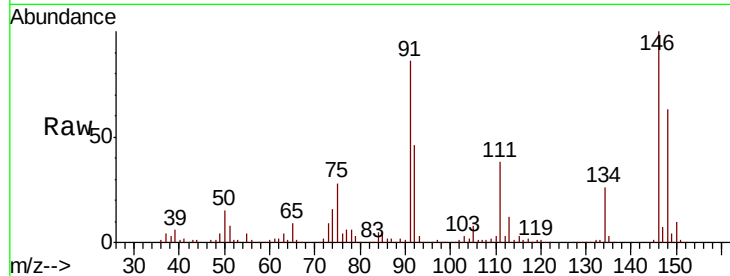




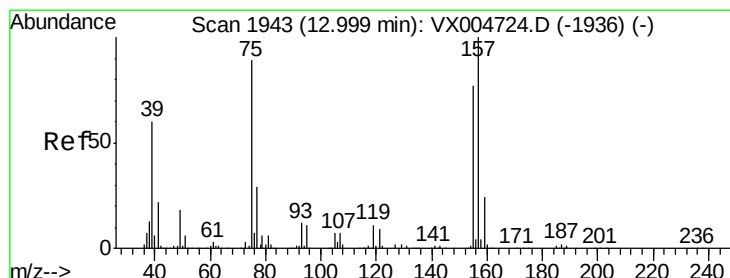
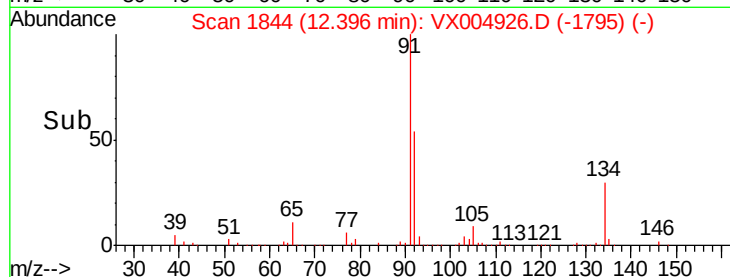
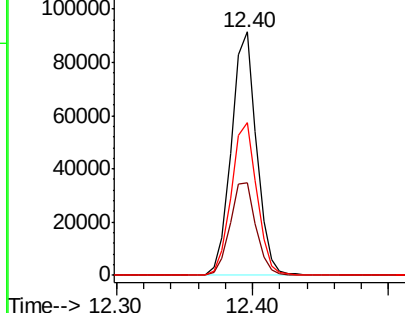
#91
 1,2-Dichlorobenzene
 Concen: 19.705 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: VX004926.D
 Acq: 02 Oct 2018 18:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBSD01

Tot Ion:146 Resp: 117430
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.6 58.7
 148 63.8 31.8 95.4

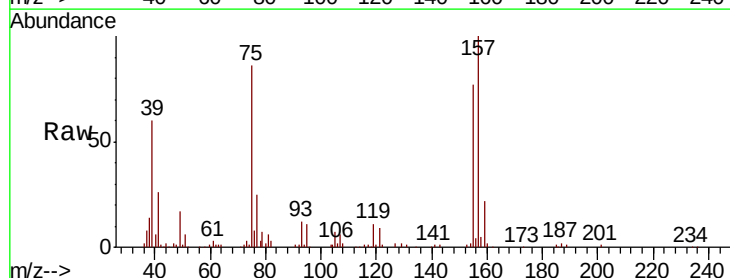


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

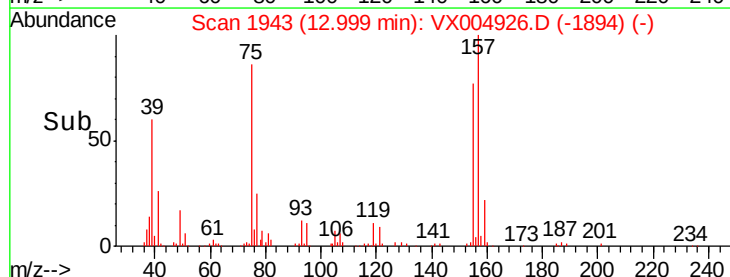
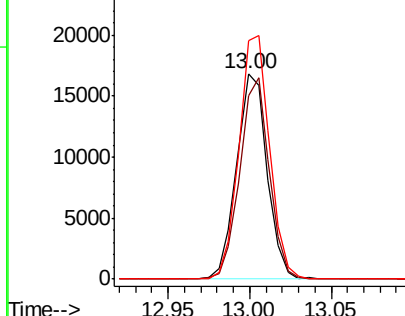


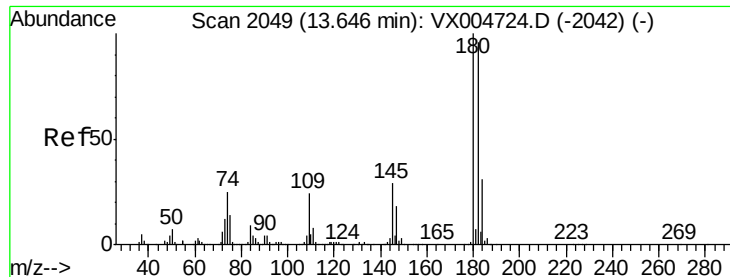
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.374 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX004926.D
 Acq: 02 Oct 2018 18:34

Tgt Ion: 75 Resp: 21966
 Ion Ratio Lower Upper
 75 100
 155 94.6 46.1 138.3
 157 118.7 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

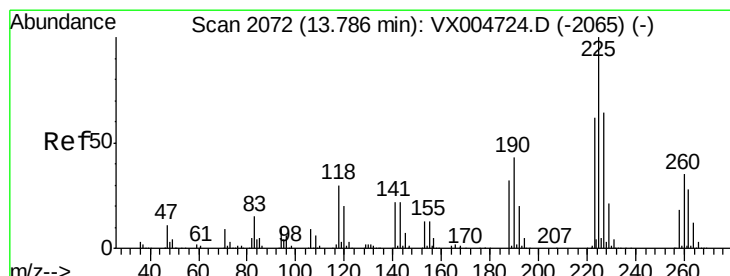
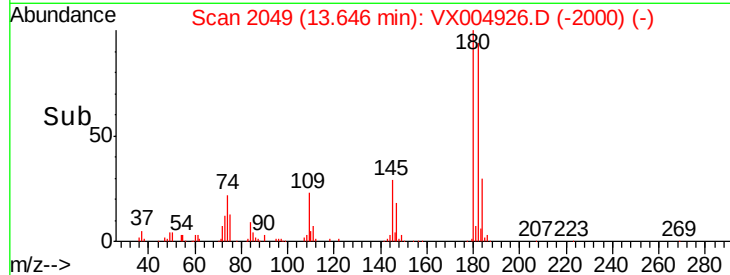
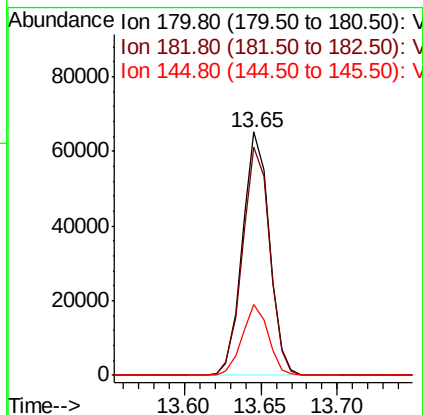
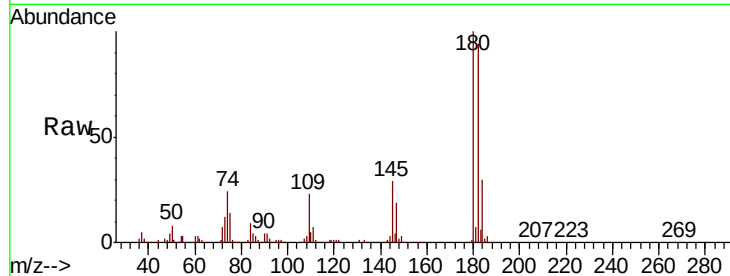




#93
 1,2,4-Trichlorobenzene
 Concen: 19.066 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX004926.D
 Acq: 02 Oct 2018 18:34

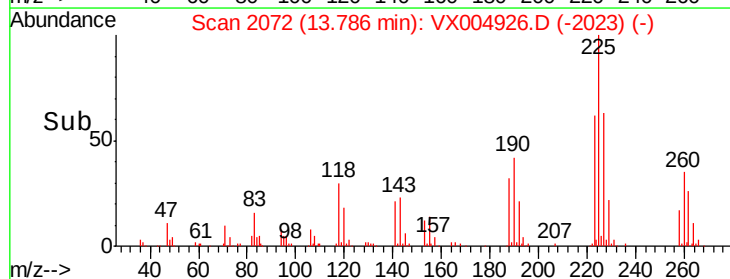
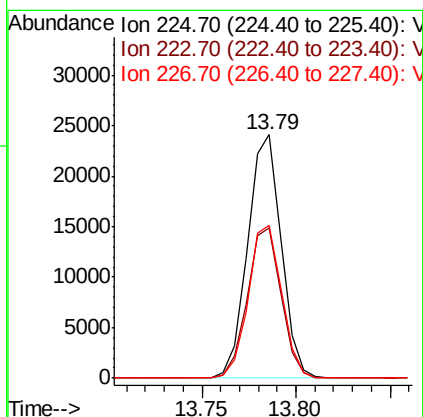
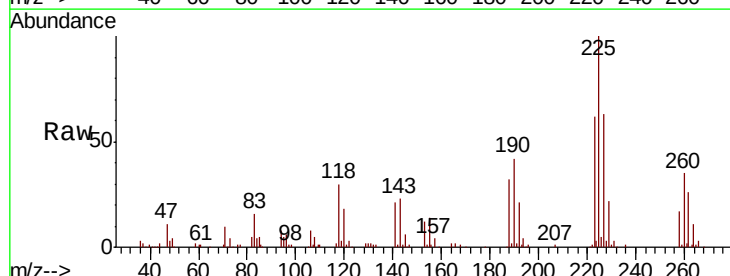
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBSD01

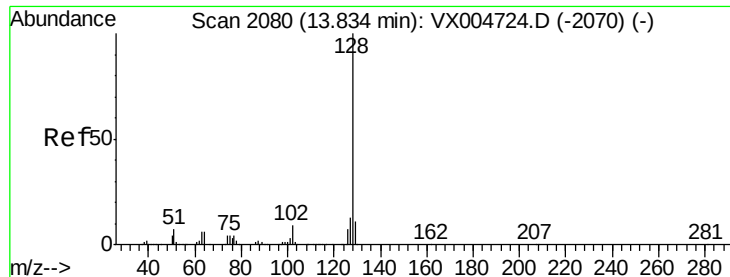
Tot Ion:180 Resp: 79706
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.8 143.4
 145 28.2 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 13.643 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX004926.D
 Acq: 02 Oct 2018 18:34

Tgt Ion:225 Resp: 29576
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.3 93.8
 227 63.0 31.9 95.5





#95

Naphthalene

Concen: 20.659 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBSD01

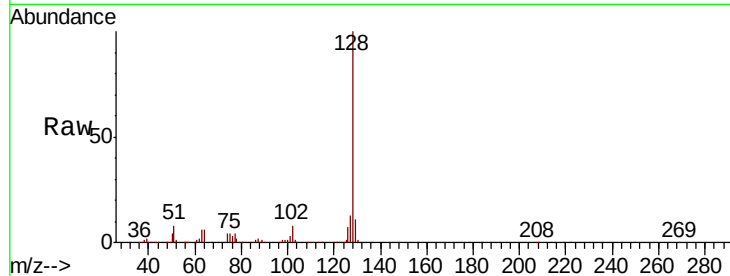
Tot Ion:128 Resp: 280701

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 10.8 8.7 13.1



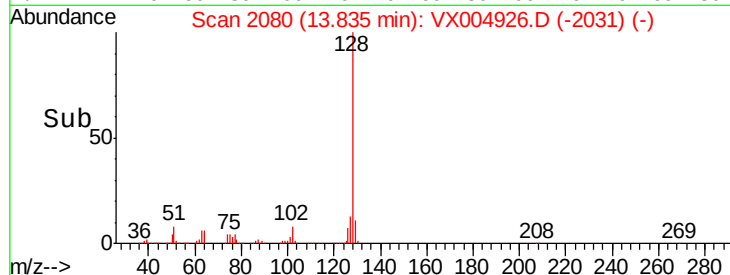
Abundance

Ion 128.00 (127.70 to 128.70): V

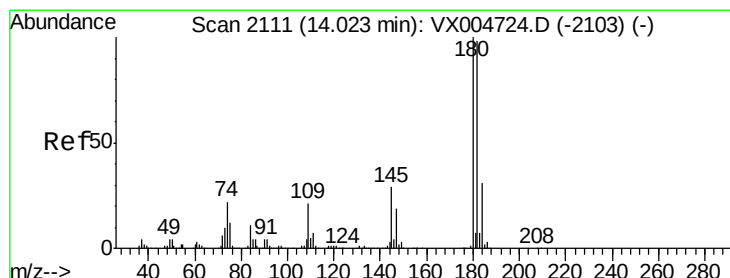
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

13.83



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 19.944 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VX004926.D

Acq: 02 Oct 2018 18:34

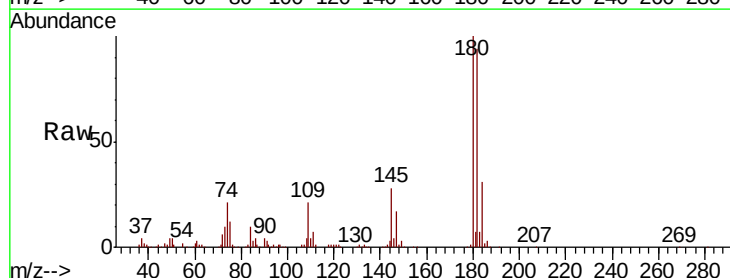
Tgt Ion:180 Resp: 86129

Ion Ratio Lower Upper

180 100

182 95.3 47.9 143.8

145 29.6 15.0 45.0



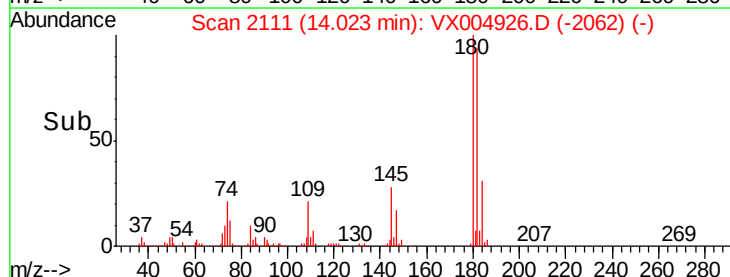
Abundance

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

14.02



Time-->