

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100918\
 Data File : VX005184.D
 Acq On : 10 Oct 2018 03:25
 Operator : JC/MD
 Sample : VX1009WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS02

Quant Time: Oct 10 06:00:38 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	199128	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.86	114	280447	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	273304	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	169962	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	143056	50.29	ug/l	0.00
Spiked Amount			Recovery	=	100.58%	
35) Dibromofluoromethane	5.50	113	112654	47.40	ug/l	0.00
Spiked Amount			Recovery	=	94.80%	
50) Toluene-d8	8.72	98	418167	52.92	ug/l	0.00
Spiked Amount			Recovery	=	105.84%	
62) 4-Bromofluorobenzene	11.14	95	154728	54.35	ug/l	0.00
Spiked Amount			Recovery	=	108.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	65668	24.187	ug/l	96
3) Chloromethane	1.32	50	74966	22.758	ug/l	100
4) Vinyl Chloride	1.40	62	72853	23.581	ug/l	100
5) Bromomethane	1.64	94	42439	23.165	ug/l	94
6) Chloroethane	1.71	64	42968	24.325	ug/l	100
7) Trichlorofluoromethane	1.93	101	93814	24.528	ug/l	93
8) Diethyl Ether	2.19	74	36019	21.678	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	49485	22.713	ug/l	99
10) Methyl Iodide	2.51	142	53234	18.260	ug/l	91
11) Tert butyl alcohol	3.07	59	95705	120.329	ug/l	99
12) 1,1-Dichloroethene	2.37	96	49000	22.710	ug/l	94
13) Acrolein	2.29	56	53114	93.858	ug/l	93
14) Allyl chloride	2.73	41	105437	22.397	ug/l	95
15) Acrylonitrile	3.15	53	202332	115.559	ug/l	97
16) Acetone	2.45	43	189343	114.014	ug/l	95
17) Carbon Disulfide	2.57	76	145467	22.437	ug/l	99
18) Methyl Acetate	2.78	43	107208	25.480	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	174964	23.509	ug/l	96
20) Methylene Chloride	2.85	84	57780	23.485	ug/l	89
21) trans-1,2-Dichloroethene	3.16	96	53226	22.535	ug/l #	81
22) Diisopropyl ether	3.87	45	177806	22.429	ug/l	98
23) Vinyl Acetate	3.82	43	789085	108.743	ug/l	99
24) 1,1-Dichloroethane	3.70	63	104976	22.199	ug/l	100
25) 2-Butanone	4.71	43	266511	108.872	ug/l	92
26) 2,2-Dichloropropane	4.58	77	44767	13.595	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	56407	21.378	ug/l	97
28) Bromochloromethane	5.02	49	42638	19.147	ug/l	99
29) Tetrahydrofuran	5.17	42	173059	113.744	ug/l	97
30) Chloroform	5.22	83	97591	21.836	ug/l	98
31) Cyclohexane	5.57	56	82031	22.665	ug/l	88
32) 1,1,1-Trichloroethane	5.49	97	82186	22.517	ug/l	97
36) 1,1-Dichloropropene	5.80	75	70182	21.642	ug/l	92
37) Ethyl Acetate	4.86	43	94790	22.021	ug/l	98
38) Carbon Tetrachloride	5.78	117	71981	21.116	ug/l	97

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Quant Time: Oct 10 06:00:38 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	75595	22.829	ug/l	87
40) Benzene	6.15	78	210867	20.770	ug/l	95
41) Methacrylonitrile	5.07	41	51477	21.563	ug/l	96
42) 1,2-Dichloroethane	6.20	62	77988	21.730	ug/l	97
43) Isopropyl Acetate	6.46	43	130638	21.026	ug/l	97
44) Trichloroethene	7.21	130	56213	22.523	ug/l	96
45) 1,2-Dichloropropane	7.52	63	57386	23.049	ug/l	96
46) Dibromomethane	7.66	93	36577	23.377	ug/l	100
47) Bromodichloromethane	7.90	83	69788	23.823	ug/l	100
48) Methyl methacrylate	7.78	41	69991	24.819	ug/l	99
49) 1,4-Dioxane	7.76	88	32290	460.892	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	483151	123.505	ug/l	98
52) Toluene	8.79	92	132617	23.772	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	69089	20.870	ug/l	91
54) cis-1,3-Dichloropropene	8.44	75	76800	22.149	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	55280	22.622	ug/l	96
56) Ethyl methacrylate	9.18	69	78680	21.568	ug/l	99
57) 1,3-Dichloropropane	9.37	76	90555	22.266	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	198573	103.180	ug/l	99
59) 2-Hexanone	9.50	43	378892	116.226	ug/l	95
60) Dibromochloromethane	9.59	129	55151	22.568	ug/l	99
61) 1,2-Dibromoethane	9.67	107	57436	21.947	ug/l	96
64) Tetrachloroethene	9.34	164	60771	22.592	ug/l	97
65) Chlorobenzene	10.14	112	148323	21.164	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	52441	21.284	ug/l	100
67) Ethyl Benzene	10.26	91	243457	21.881	ug/l	95
68) m/p-Xylenes	10.36	106	190667	43.852	ug/l	94
69) o-Xylene	10.70	106	90022	22.542	ug/l	99
70) Styrene	10.71	104	152776	21.719	ug/l	99
71) Bromoform	10.86	173	44491	21.092	ug/l	97
73) Isopropylbenzene	11.02	105	249430	23.283	ug/l	99
74) N-amyl acetate	10.90	43	113414	20.335	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	88234	20.233	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	97328	25.549	ug/l	85
77) Bromobenzene	11.26	156	67835	21.800	ug/l	100
78) n-propylbenzene	11.36	91	285752	23.247	ug/l	99
79) 2-Chlorotoluene	11.42	91	173459	22.640	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	212946	21.575	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	20177	15.859	ug/l	94
82) 4-Chlorotoluene	11.51	91	203676	22.585	ug/l	100
83) tert-Butylbenzene	11.77	119	203789	23.105	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	220007	21.615	ug/l	100
85) sec-Butylbenzene	11.94	105	252177	23.473	ug/l	99
86) p-Isopropyltoluene	12.07	119	223206	22.932	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	124473	21.423	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	126247	21.048	ug/l	98
89) n-Butylbenzene	12.39	91	189474	21.434	ug/l	99
90) Hexachloroethane	12.60	117	35493	21.901	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	126215	20.786	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21081	22.016	ug/l	98

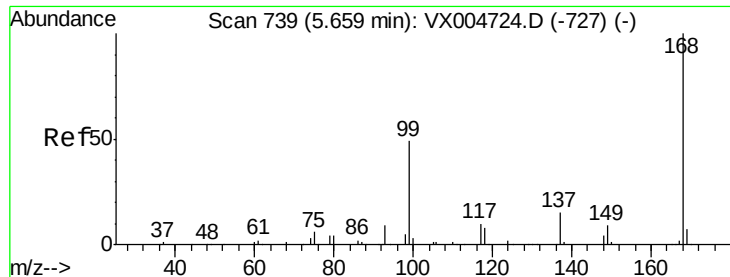
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100918\
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ClientSampleId :
VX1009WBS02

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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	90542	21.257	ug/l	98
94) Hexachlorobutadiene	13.79	225	46097	20.870	ug/l	99
95) Naphthalene	13.83	128	278696	20.149	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	96420	21.913	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Instrument :

MSVOA_X

ClientSampleId :

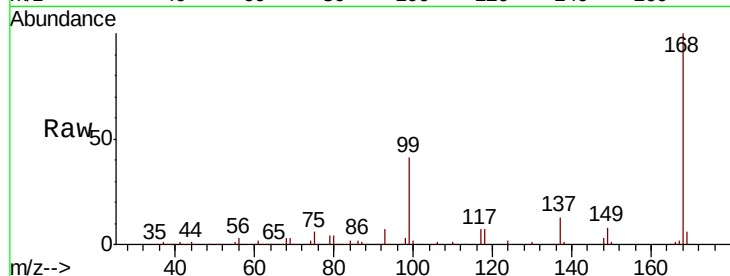
VX1009WBS02

Tot Ion:168 Resp: 199128

Ion Ratio Lower Upper

168 100

99 40.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

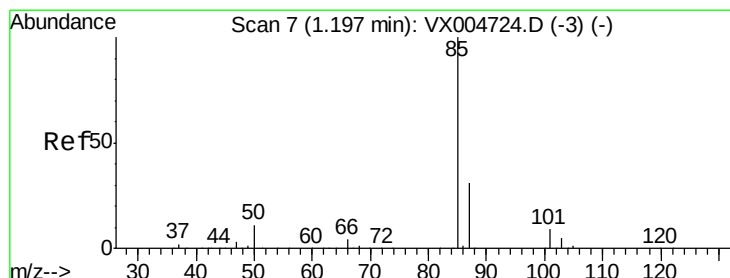
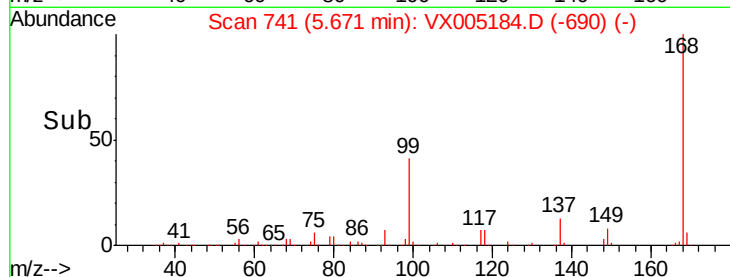
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 24.187 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005184.D

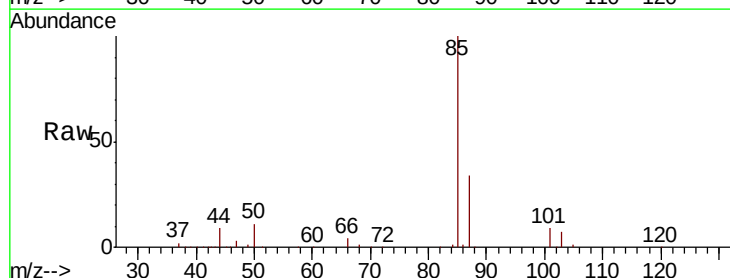
Acq: 10 Oct 2018 03:25

Tgt Ion: 85 Resp: 65668

Ion Ratio Lower Upper

85 100

87 33.8 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

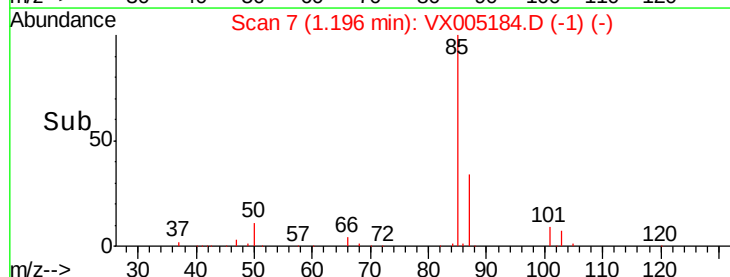
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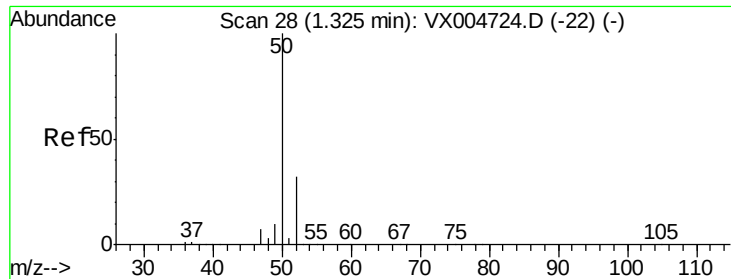
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 22.758 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Instrument :

MSVOA_X

ClientSampleId :

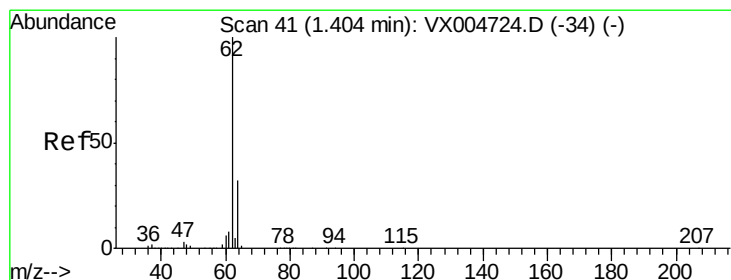
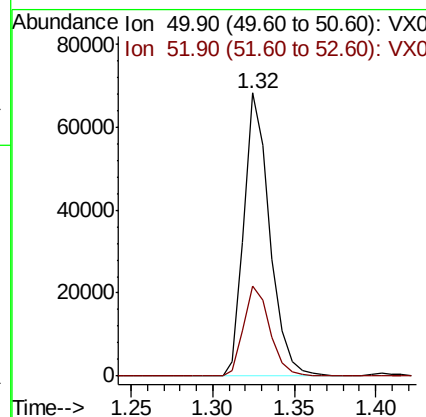
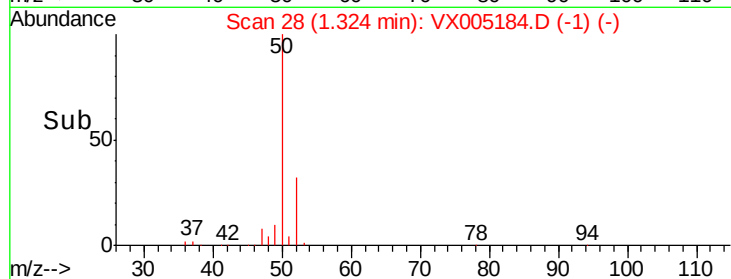
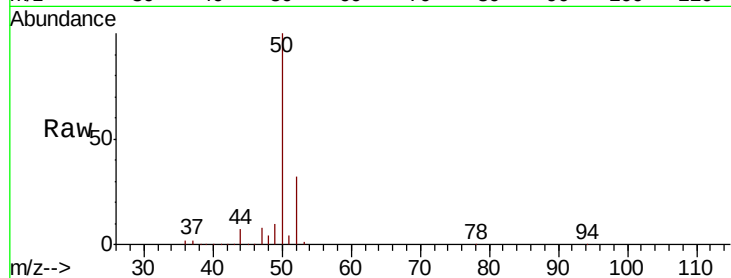
VX1009WBS02

Tot Ion: 50 Resp: 74966

Ion Ratio Lower Upper

50 100

52 32.0 25.8 38.6



#4

Vinyl Chloride

Concen: 23.581 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005184.D

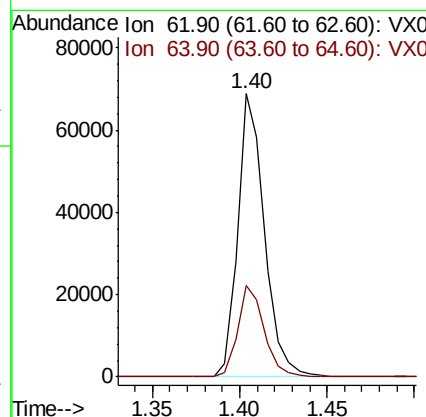
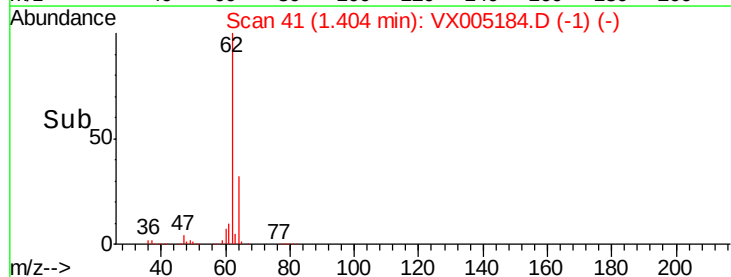
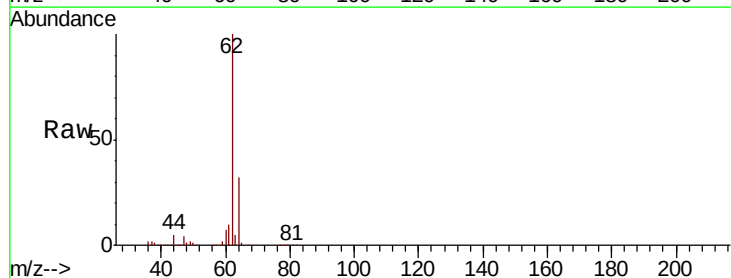
Acq: 10 Oct 2018 03:25

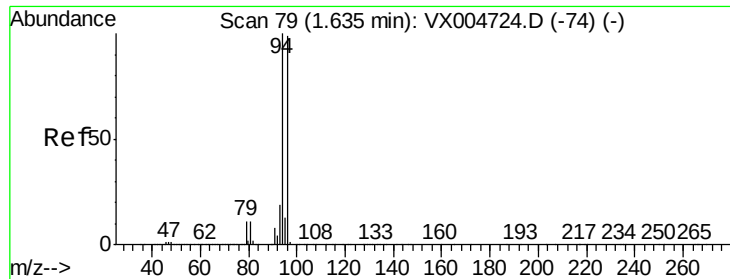
Tgt Ion: 62 Resp: 72853

Ion Ratio Lower Upper

62 100

64 32.0 25.5 38.3





#5

Bromomethane

Concen: 23.165 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Instrument :

MSVOA_X

ClientSampleId :

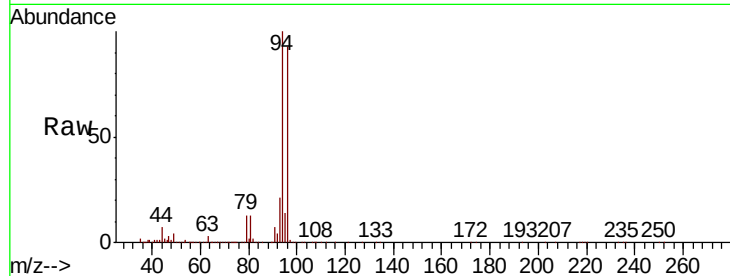
VX1009WBS02

Tot Ion: 94 Resp: 42439

Ion Ratio Lower Upper

94 100

96 93.1 79.5 119.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

50000

40000

30000

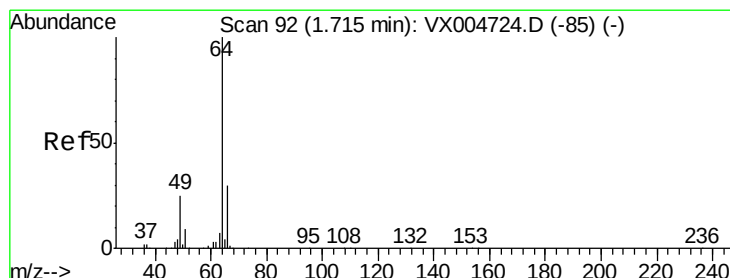
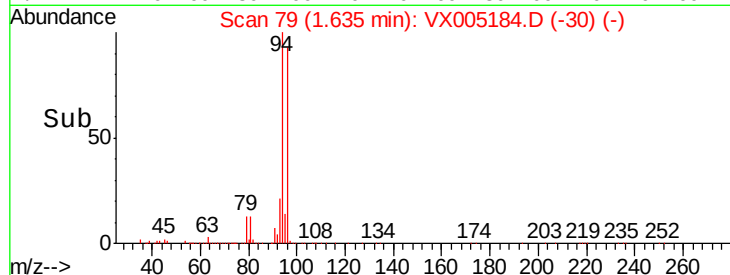
20000

10000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 24.325 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX005184.D

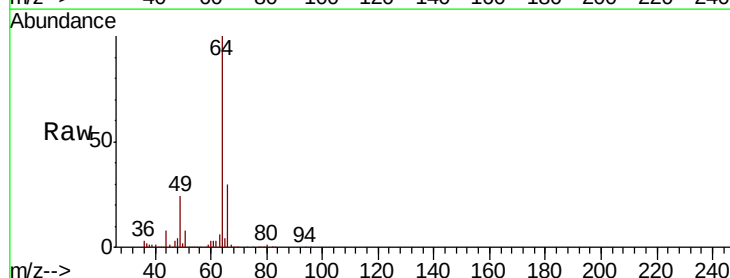
Acq: 10 Oct 2018 03:25

Tgt Ion: 64 Resp: 42968

Ion Ratio Lower Upper

64 100

66 29.9 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

30000

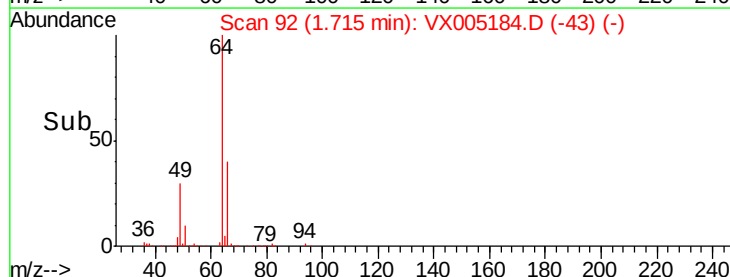
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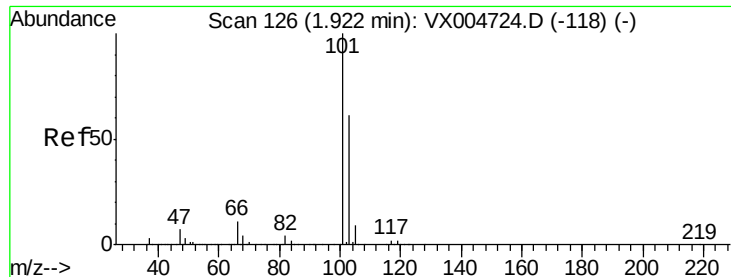
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Time-->

1.65 1.70 1.75 1.80



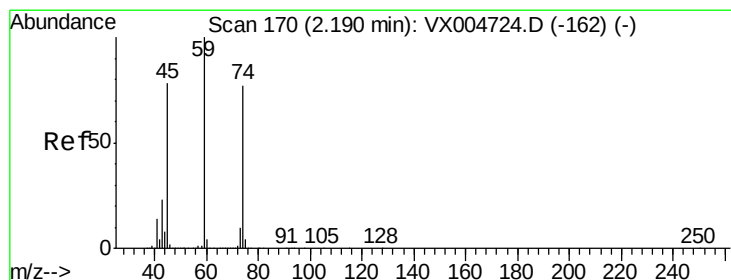
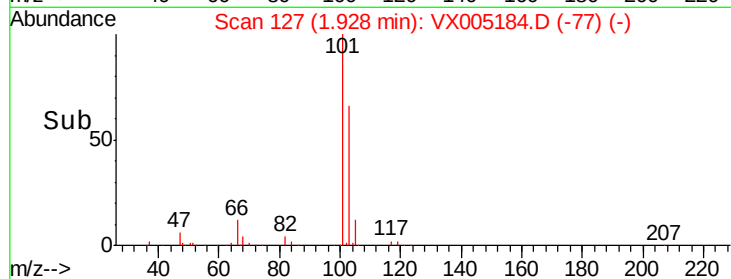
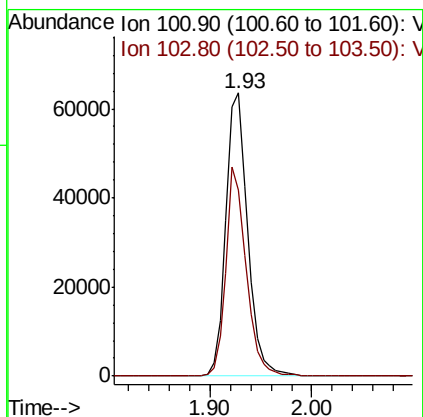
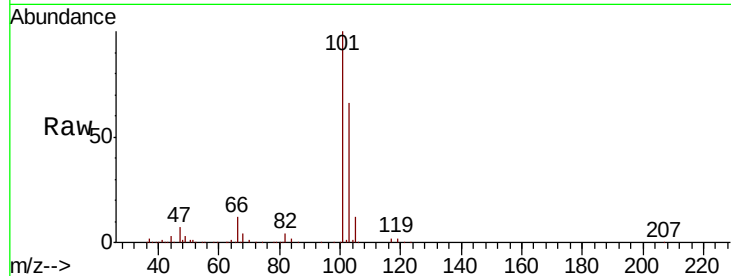


#7

Trichlorofluoromethane
Concen: 24.528 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

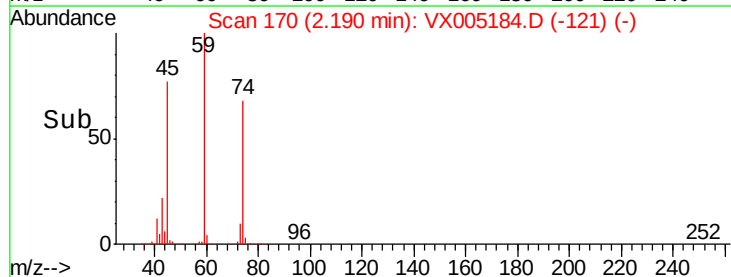
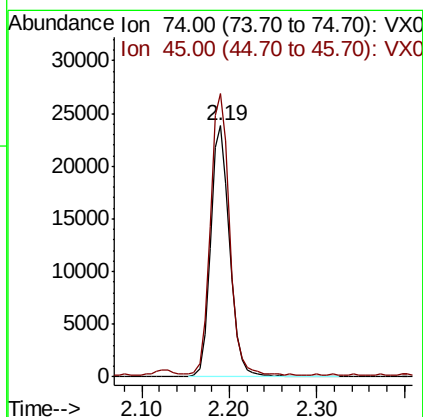
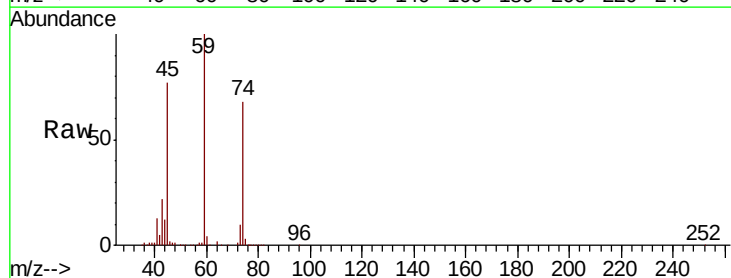
Tot Ion:101 Resp: 93814
Ion Ratio Lower Upper
101 100
103 65.6 48.4 72.6

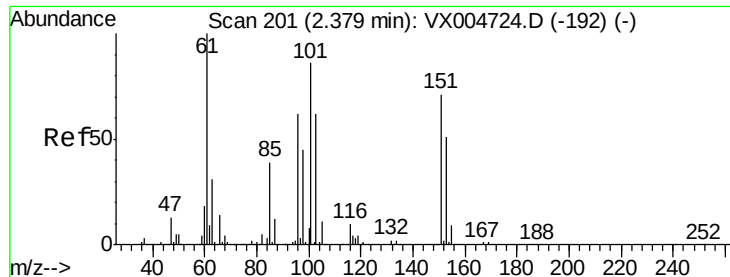


#8

Diethyl Ether
Concen: 21.678 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

Tgt Ion: 74 Resp: 36019
Ion Ratio Lower Upper
74 100
45 111.5 52.5 157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.713 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS02

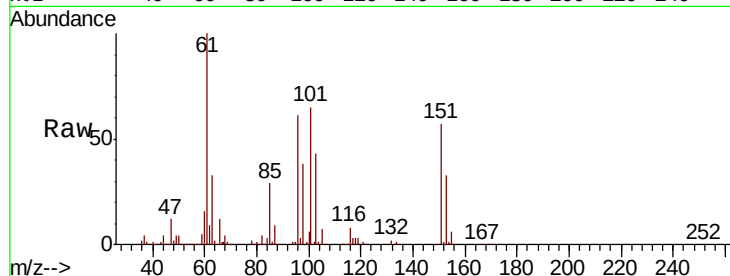
Tot Ion:101 Resp: 49485

Ion Ratio Lower Upper

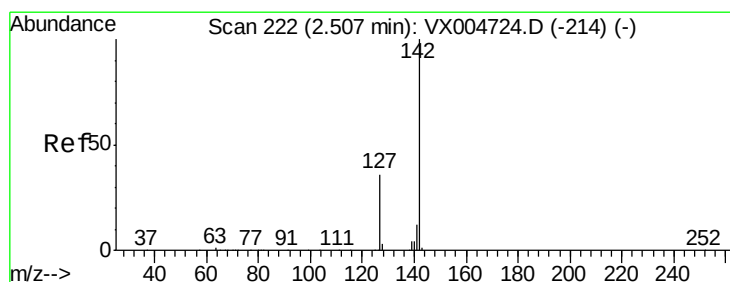
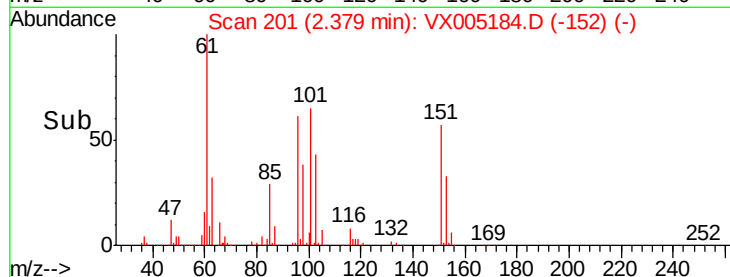
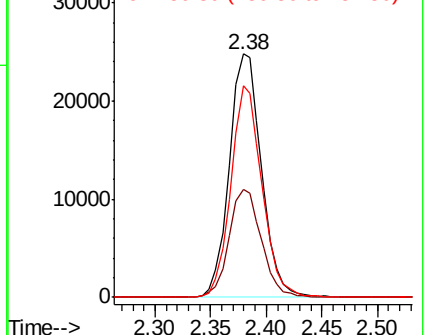
101 100

85 44.7 35.9 53.9

151 84.0 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: 18.260 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

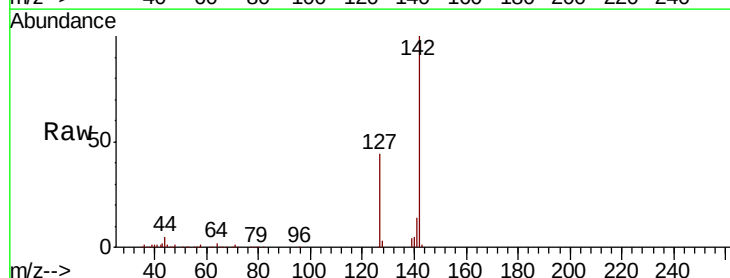
Tgt Ion:142 Resp: 53234

Ion Ratio Lower Upper

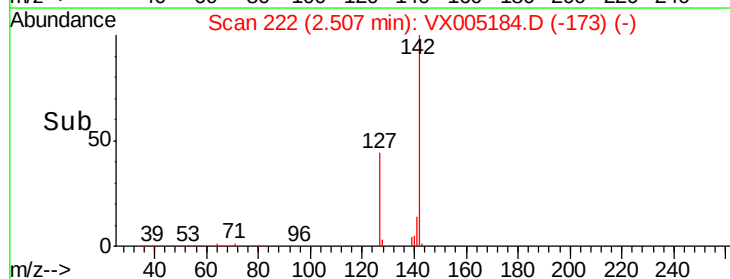
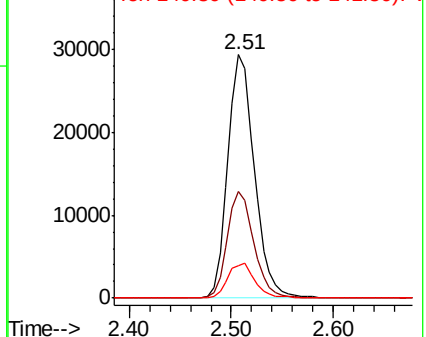
142 100

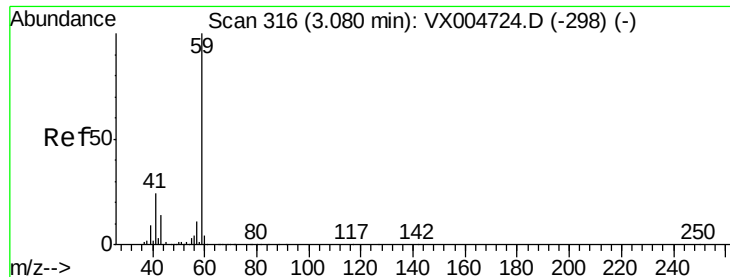
127 43.5 30.1 45.1

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



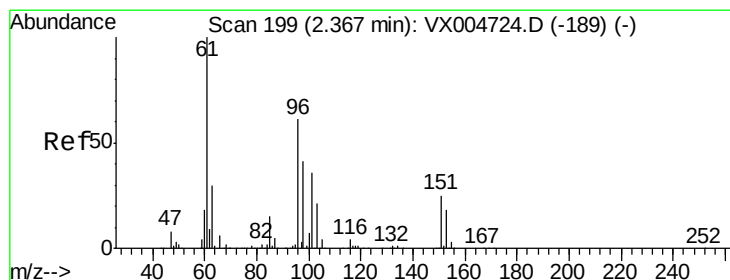
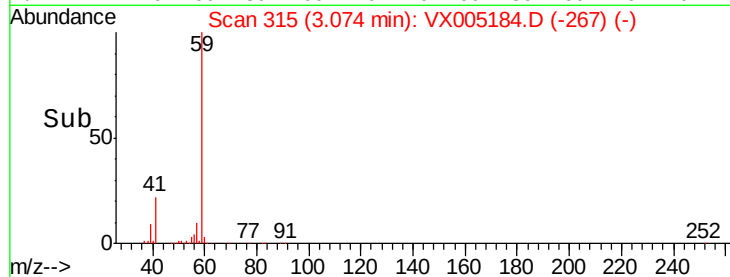
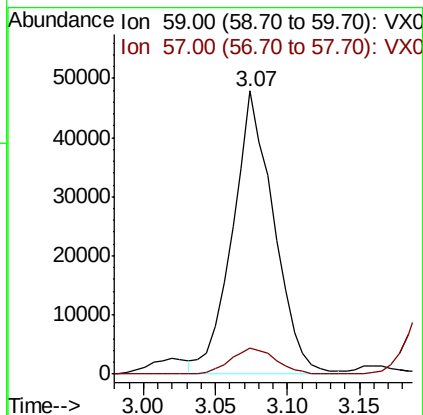
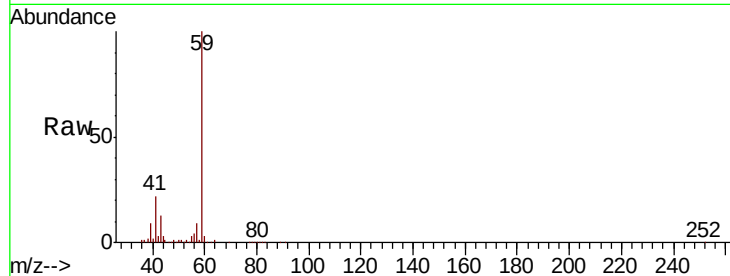


#11

Tert butyl alcohol
 Concen: 120.329 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX005184.D
 Acq: 10 Oct 2018 03:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS02

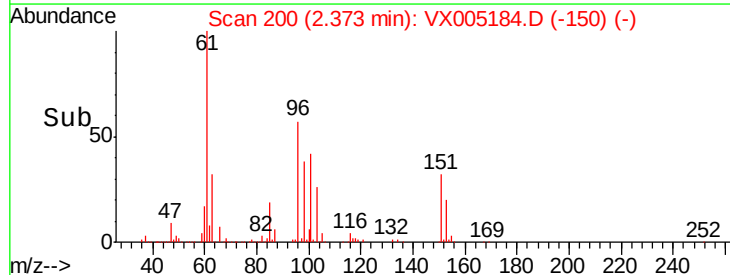
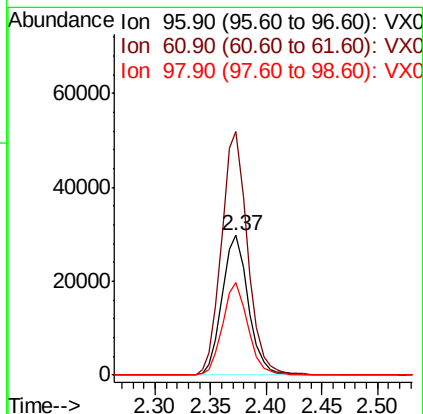
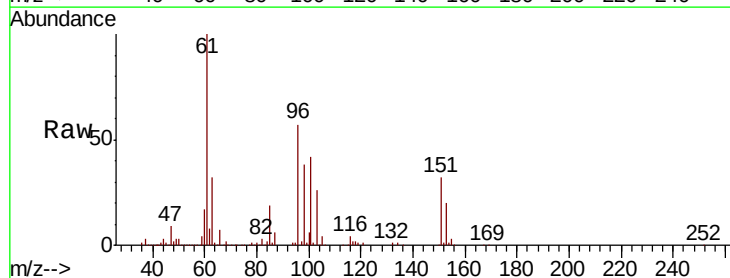
Tot Ion: 59 Resp: 95705
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.6 12.8

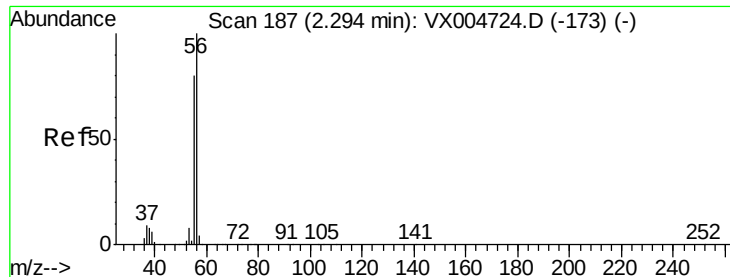


#12

1,1-Dichloroethene
 Concen: 22.710 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX005184.D
 Acq: 10 Oct 2018 03:25

Tgt Ion: 96 Resp: 49000
 Ion Ratio Lower Upper
 96 100
 61 174.0 130.2 195.4
 98 66.0 53.4 80.0





#13

Acrolein

Concen: 93.858 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Instrument :

MSVOA_X

ClientSampleId :

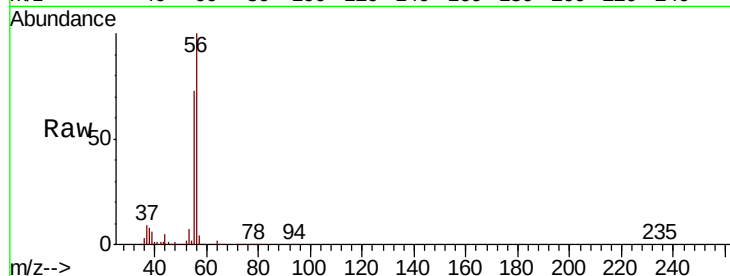
VX1009WBS02

Tot Ion: 56 Resp: 53114

Ion Ratio Lower Upper

56 100

55 72.8 63.4 95.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

40000

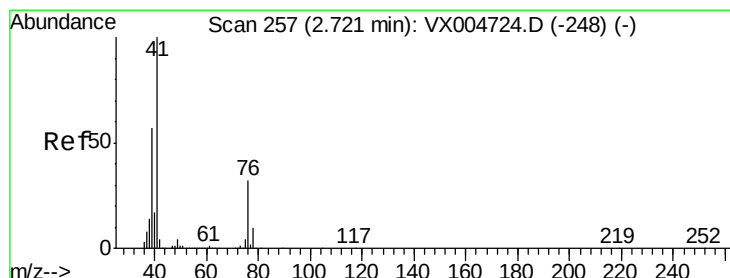
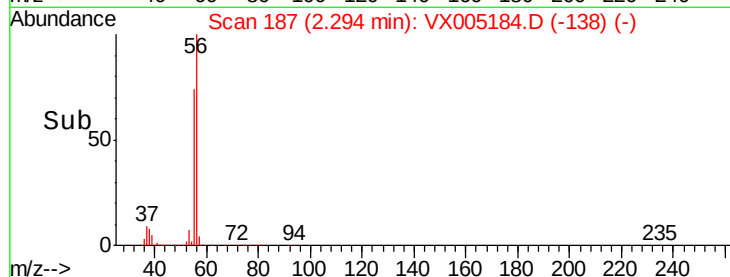
30000

20000

10000

0

Time--> 2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 22.397 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

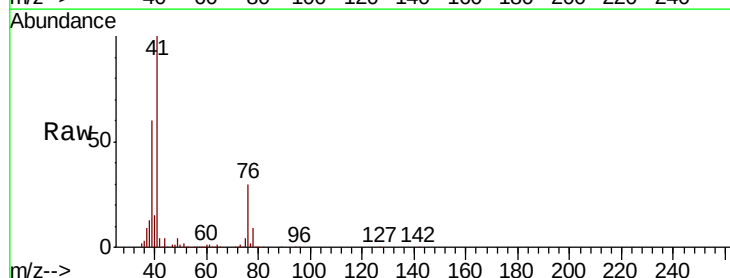
Tgt Ion: 41 Resp: 105437

Ion Ratio Lower Upper

41 100

39 58.2 44.1 66.1

76 27.5 25.0 37.4



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

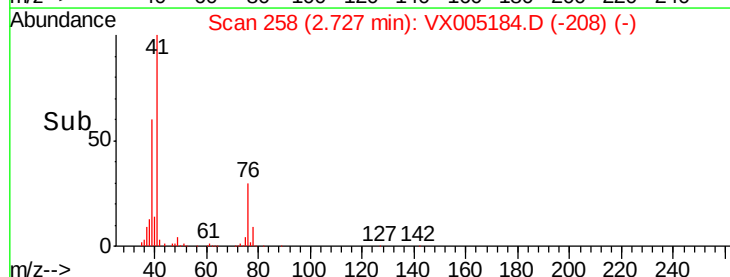
60000

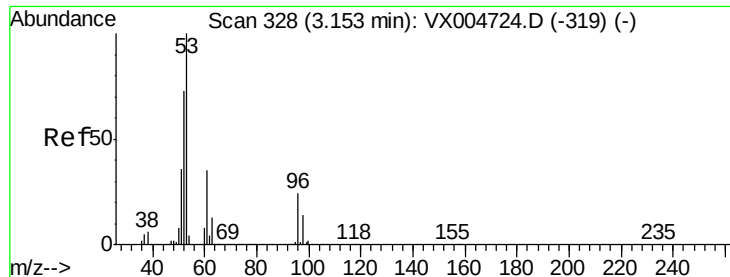
40000

20000

0

Time--> 2.60 2.70 2.80





#15

Acrylonitrile

Concen: 115.559 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Instrument :

MSVOA_X

ClientSampled :

VX1009WBS02

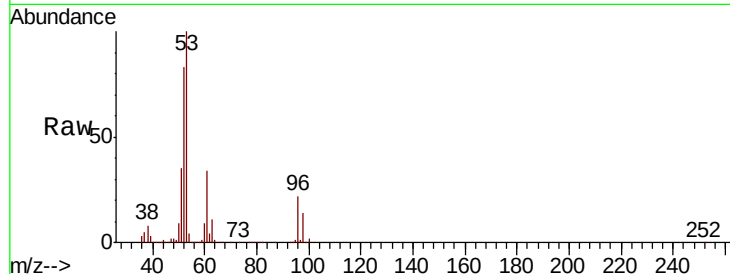
Tot Ion: 53 Resp: 202332

Ion Ratio Lower Upper

53 100

52 82.6 63.0 94.4

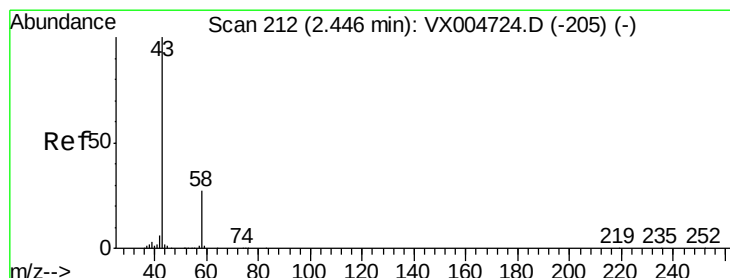
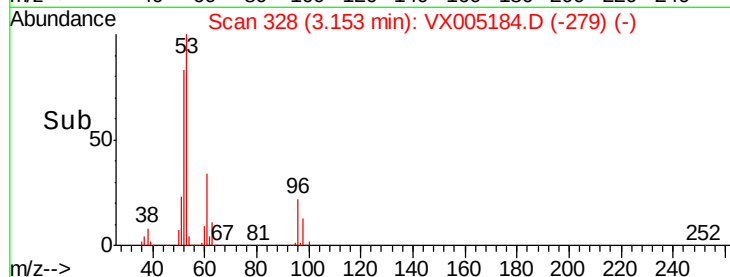
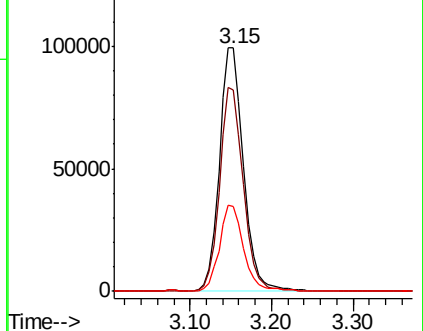
51 35.7 28.6 42.8



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: 114.014 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005184.D

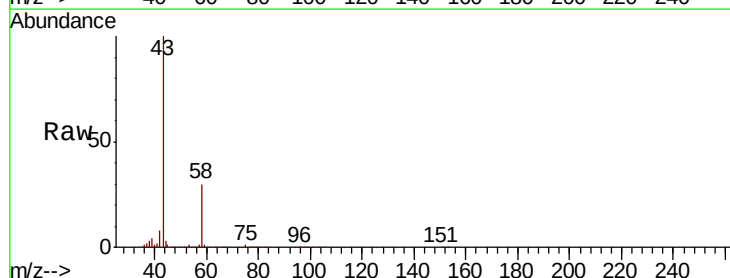
Acq: 10 Oct 2018 03:25

Tgt Ion: 43 Resp: 189343

Ion Ratio Lower Upper

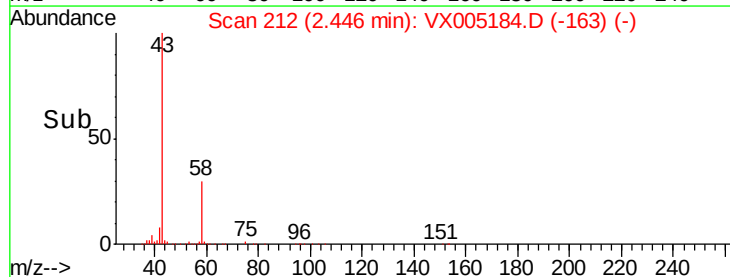
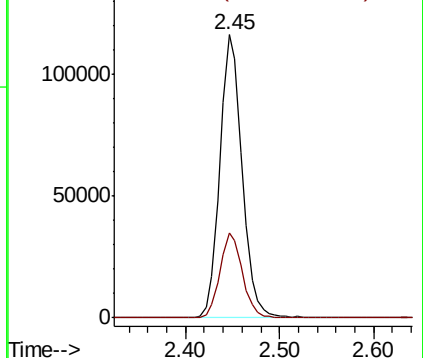
43 100

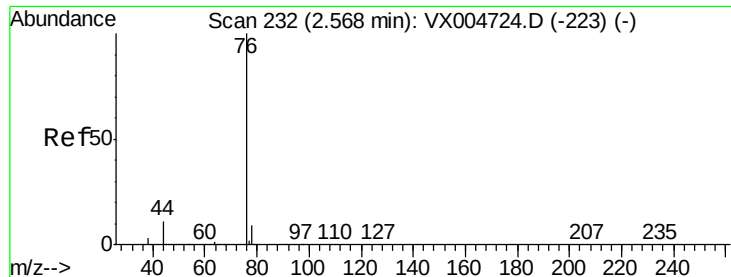
58 29.9 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 22.437 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Instrument :

MSVOA_X

ClientSampleId :

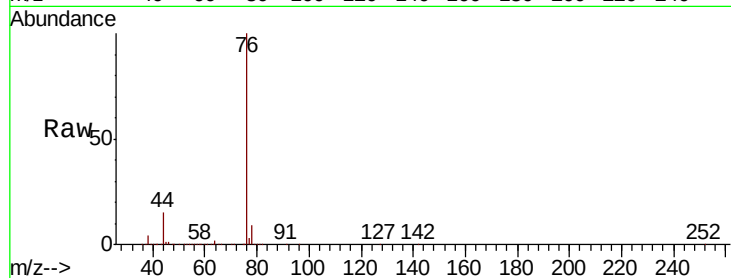
VX1009WBS02

Tot Ion: 76 Resp: 145467

Ion Ratio Lower Upper

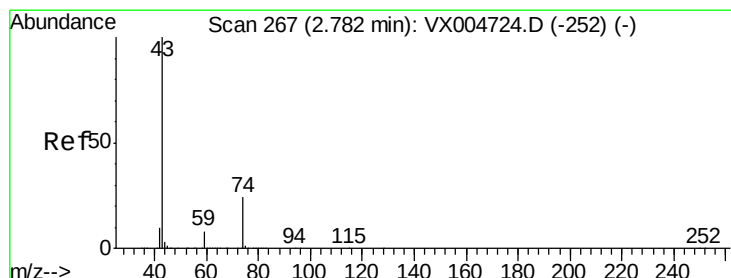
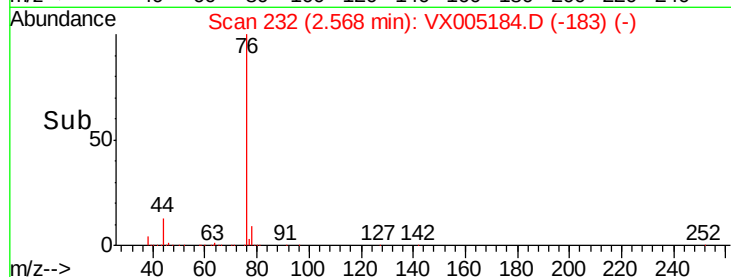
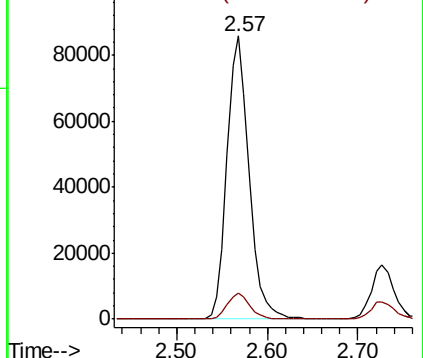
76 100

78 9.1 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: 25.480 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005184.D

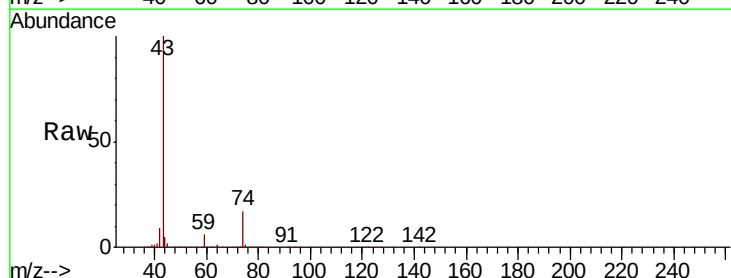
Acq: 10 Oct 2018 03:25

Tgt Ion: 43 Resp: 107208

Ion Ratio Lower Upper

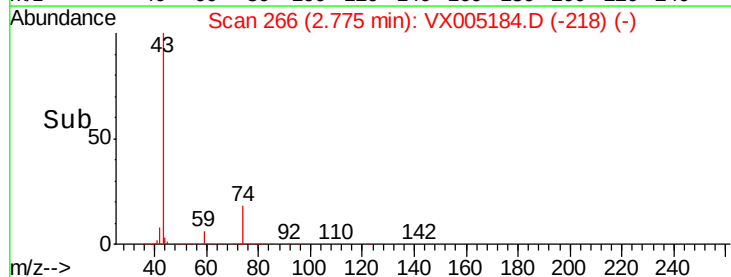
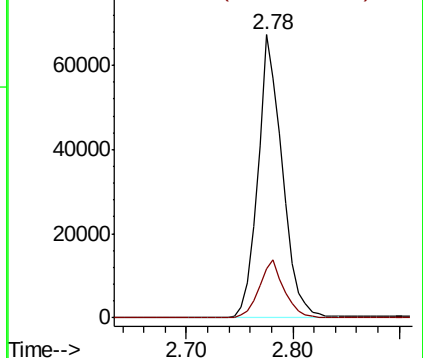
43 100

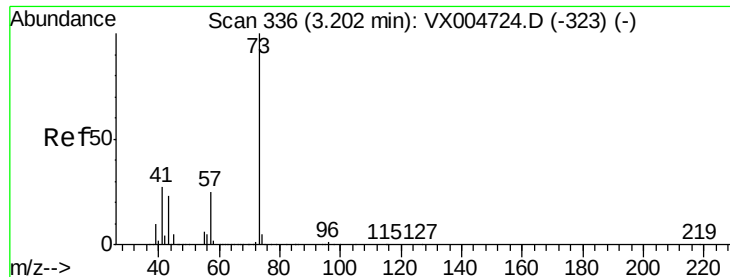
74 21.4 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



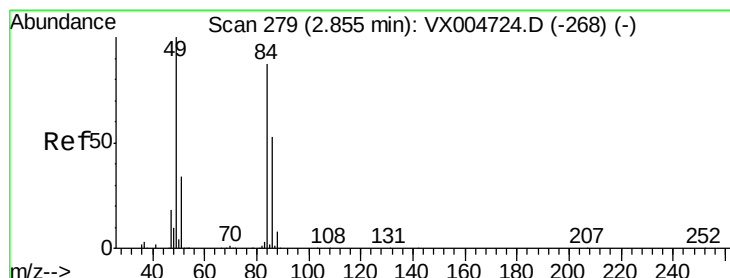
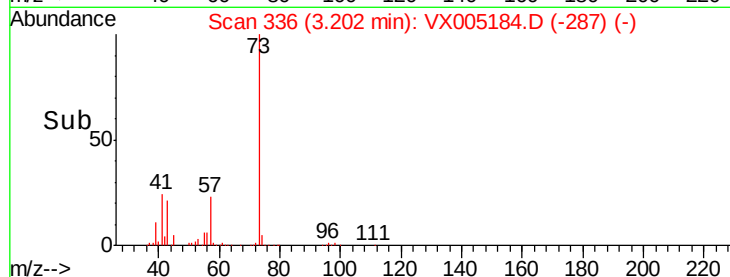
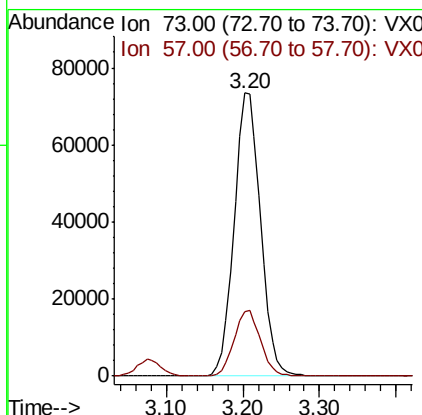
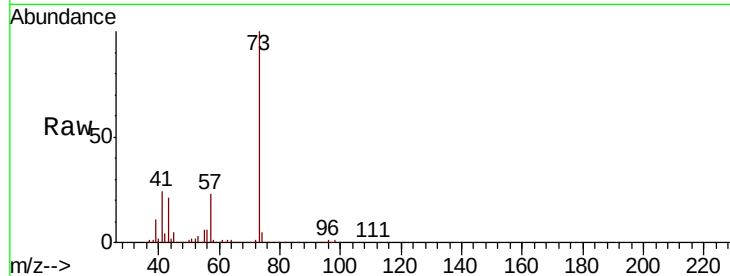


#19

Methyl tert-butyl Ether
 Concen: 23.509 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX005184.D
 Acq: 10 Oct 2018 03:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS02

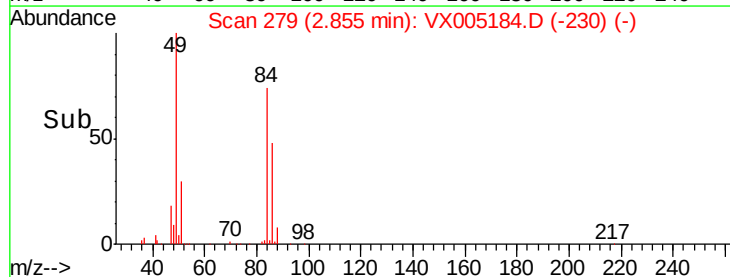
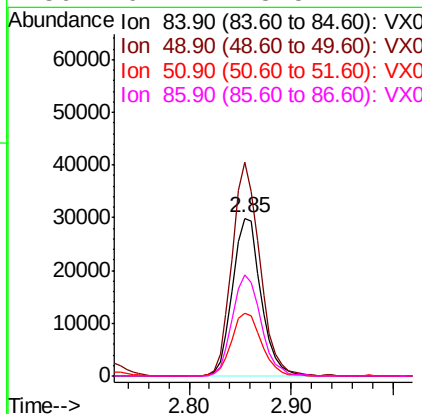
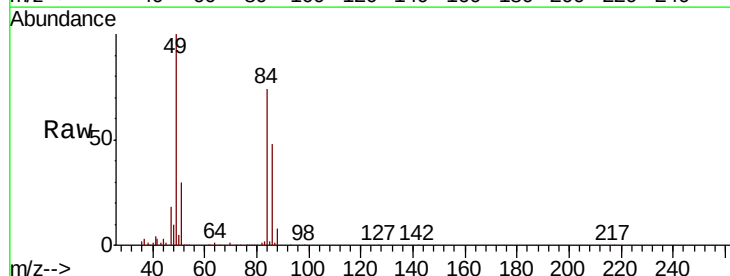
Tot Ion: 73 Resp: 174964
 Ion Ratio Lower Upper
 73 100
 57 22.8 19.9 29.9

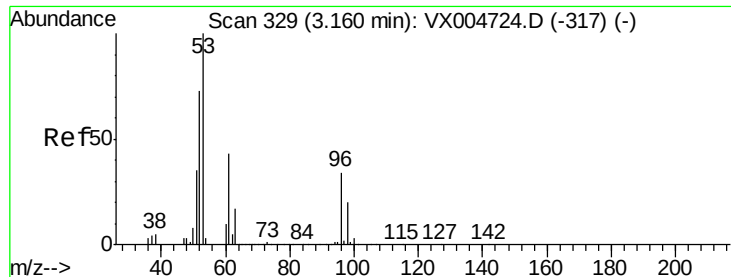


#20

Methylene Chloride
 Concen: 23.485 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX005184.D
 Acq: 10 Oct 2018 03:25

Tgt Ion: 84 Resp: 57780
 Ion Ratio Lower Upper
 84 100
 49 134.9 92.3 138.5
 51 39.7 31.8 47.6
 86 64.2 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 22.535 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS02

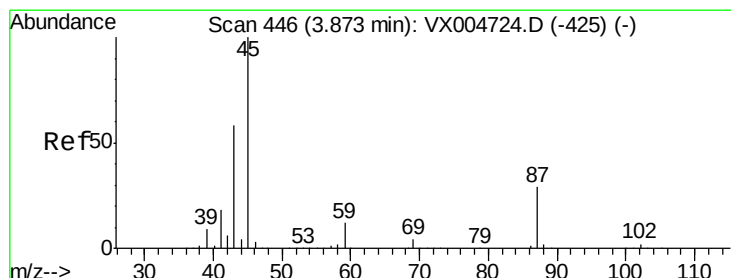
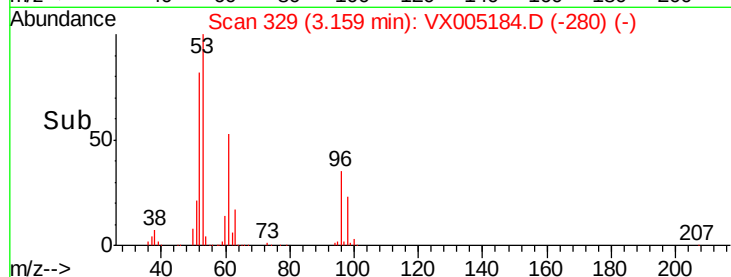
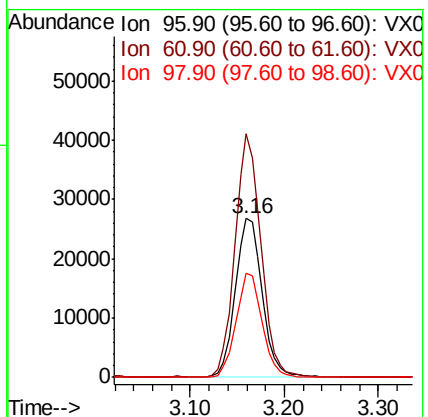
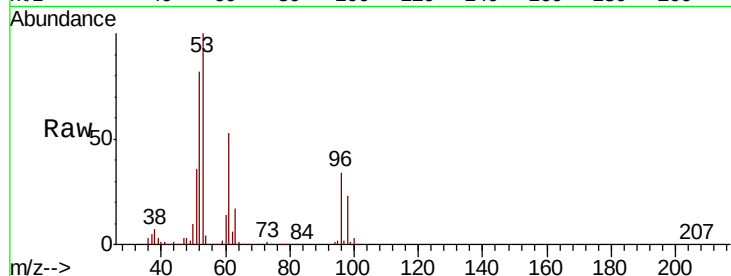
Tot Ion: 96 Resp: 53226

Ion Ratio Lower Upper

96 100

61 153.2 101.0 151.6#

98 65.4 47.2 70.8



#22

Diisopropyl ether

Concen: 22.429 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Tgt Ion: 45 Resp: 177806

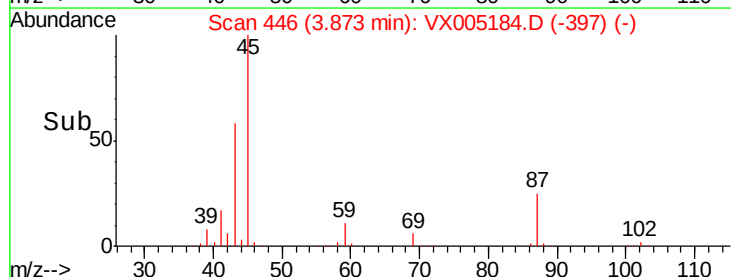
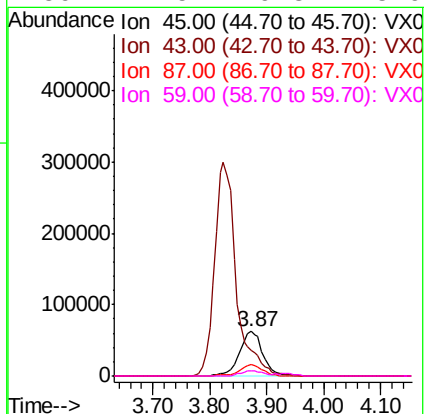
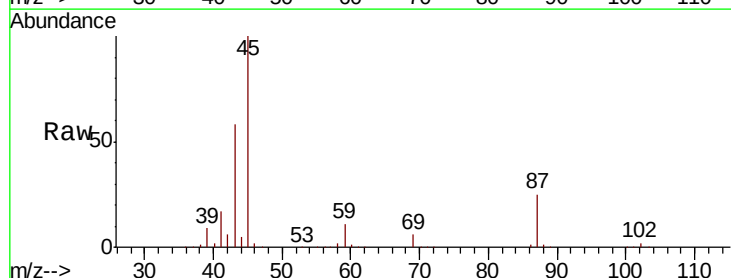
Ion Ratio Lower Upper

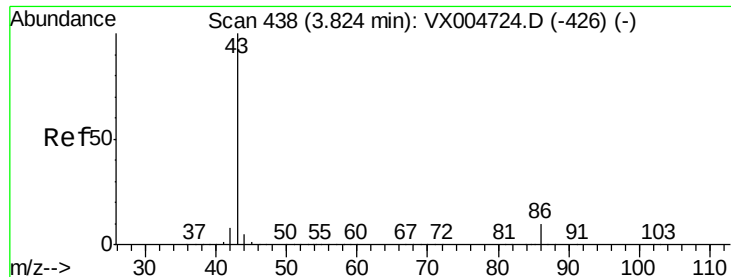
45 100

43 58.0 46.7 70.1

87 25.4 22.9 34.3

59 11.5 9.3 13.9





#23

Vinyl Acetate

Concen: 108.743 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Instrument :

MSVOA_X

ClientSampleId :

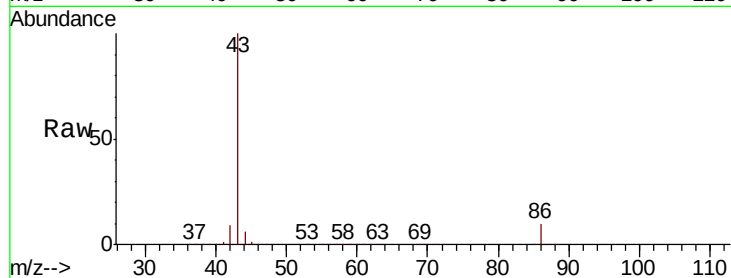
VX1009WBS02

Tot Ion: 43 Resp: 789085

Ion Ratio Lower Upper

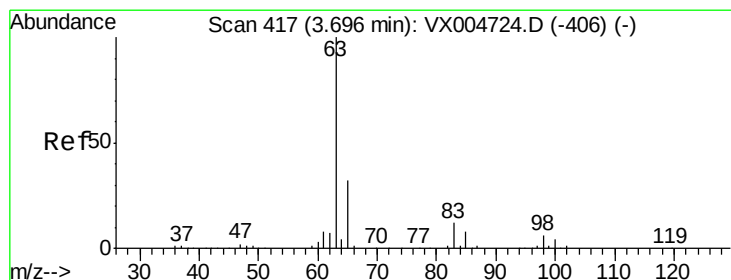
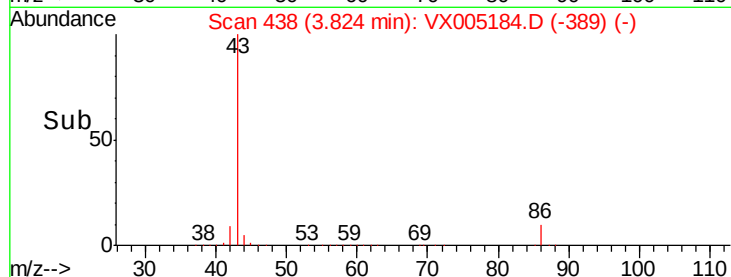
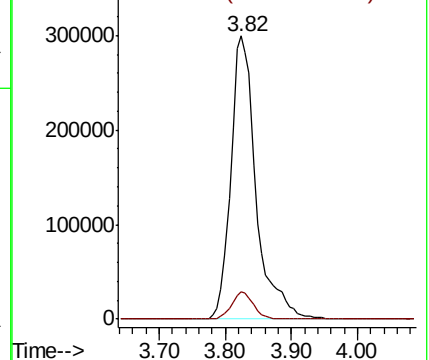
43 100

86 9.9 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 22.199 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

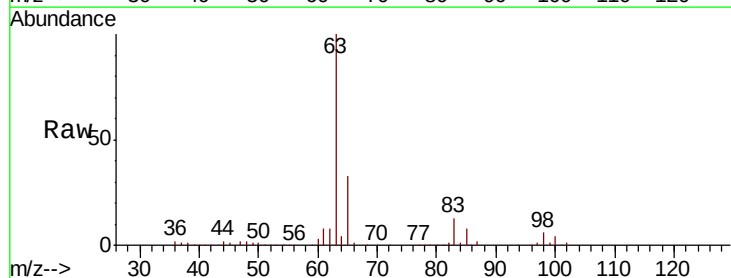
Tgt Ion: 63 Resp: 104976

Ion Ratio Lower Upper

63 100

98 6.3 3.0 9.2

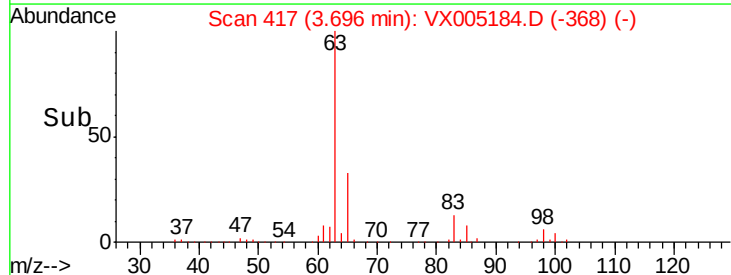
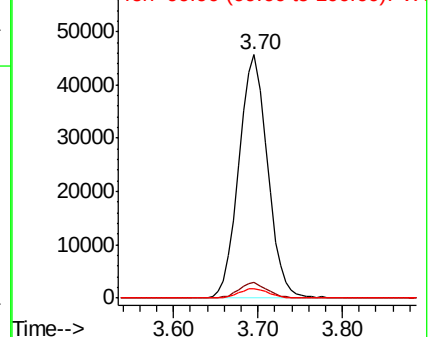
100 3.9 2.0 5.8

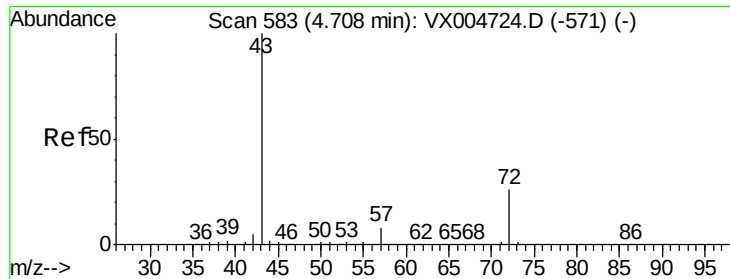


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 108.872 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Instrument :

MSVOA_X

ClientSampled :

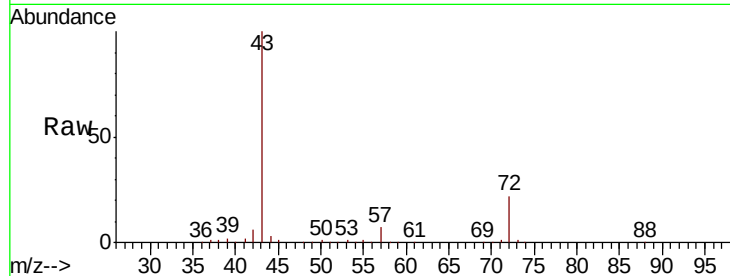
VX1009WBS02

Tot Ion: 43 Resp: 266511

Ion Ratio Lower Upper

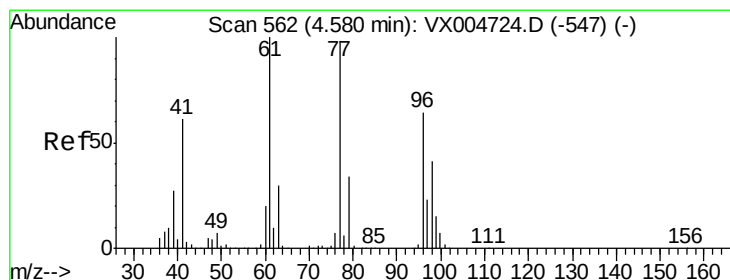
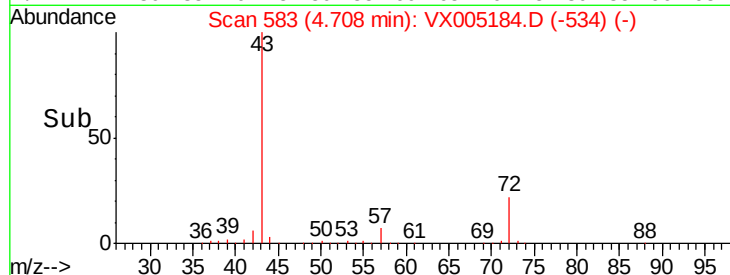
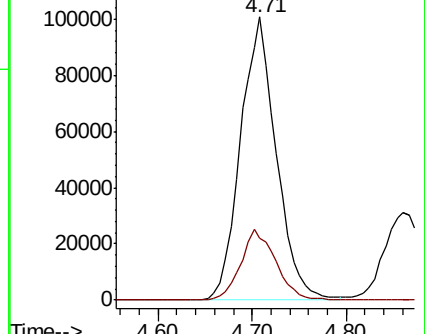
43 100

72 22.1 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 13.595 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX005184.D

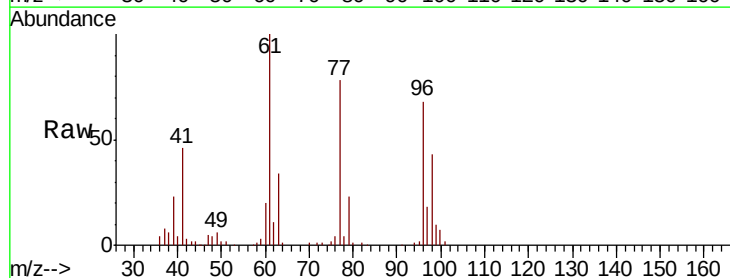
Acq: 10 Oct 2018 03:25

Tgt Ion: 77 Resp: 44767

Ion Ratio Lower Upper

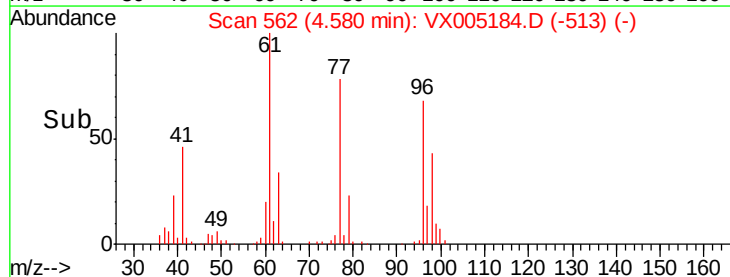
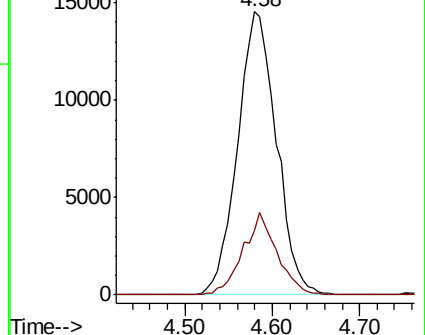
77 100

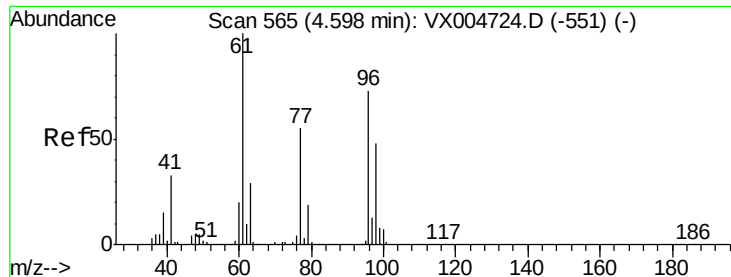
97 25.5 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



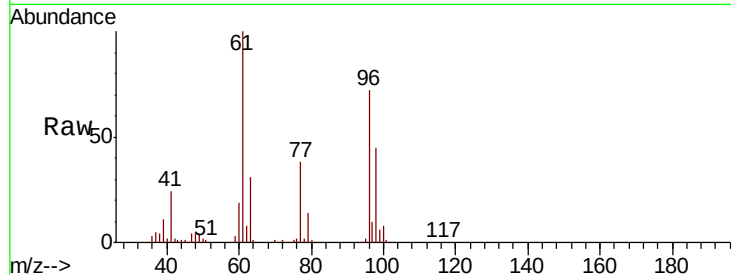


#27

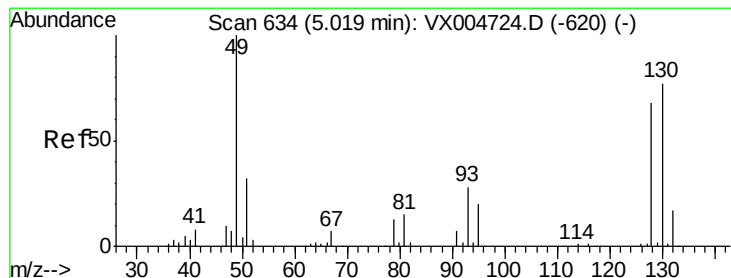
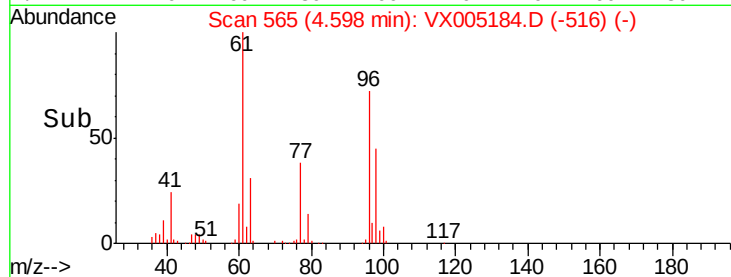
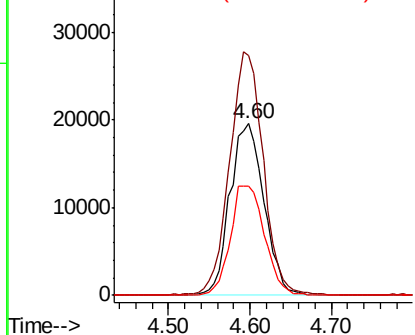
cis-1,2-Dichloroethene
 Concen: 21.378 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX005184.D
 Acq: 10 Oct 2018 03:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS02

Tot Ion	96	Resp	56407
Ion	Ratio	Lower	Upper
96	100		
61	141.0	0.0	285.8
98	64.0	0.0	136.2



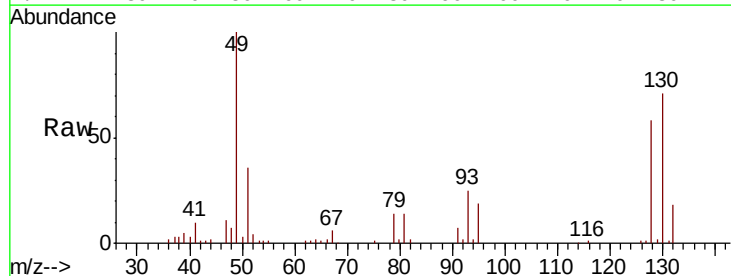
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



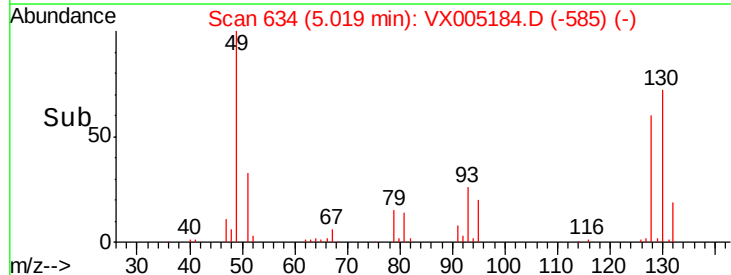
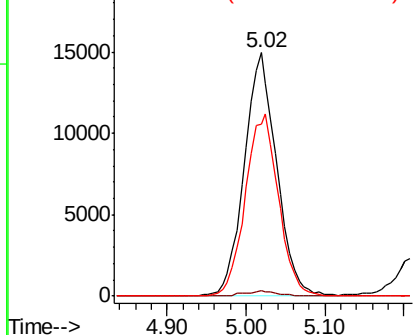
#28

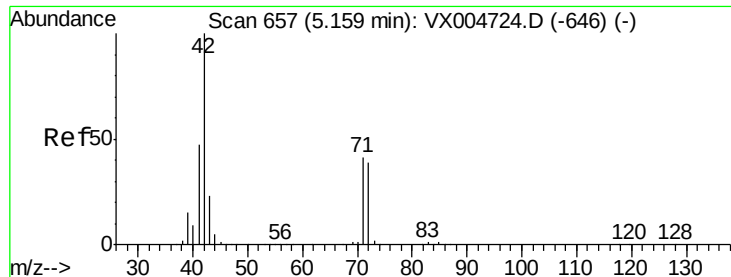
Bromochloromethane
 Concen: 19.147 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX005184.D
 Acq: 10 Oct 2018 03:25

Tgt Ion	49	Resp	42638
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	76.2	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: 113.744 ug/l

RT: 5.17 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS02

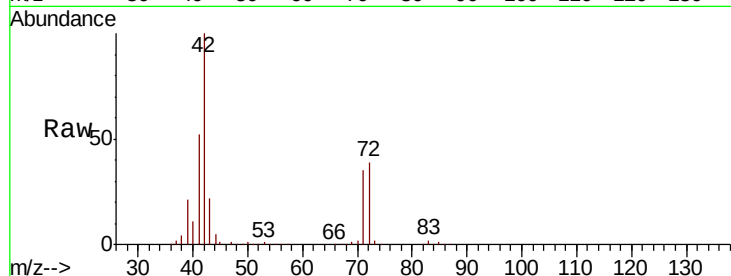
Tot Ion: 42 Resp: 173059

Ion Ratio Lower Upper

42 100

72 40.1 33.7 50.5

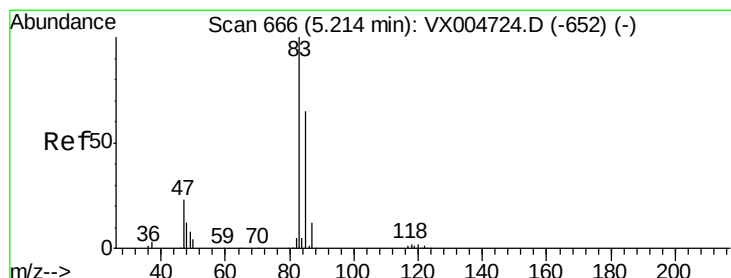
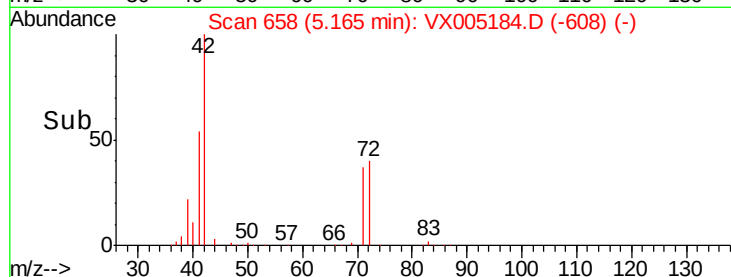
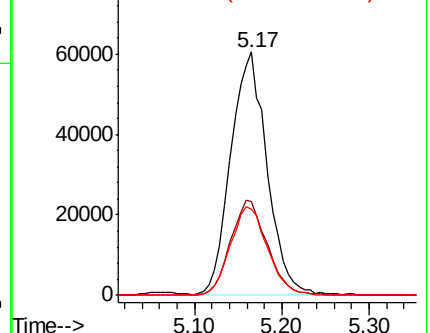
71 37.9 32.2 48.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 21.836 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX005184.D

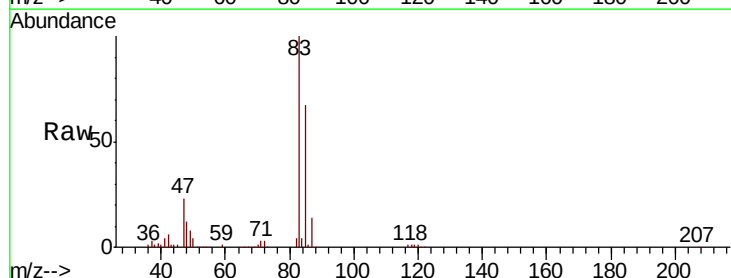
Acq: 10 Oct 2018 03:25

Tgt Ion: 83 Resp: 97591

Ion Ratio Lower Upper

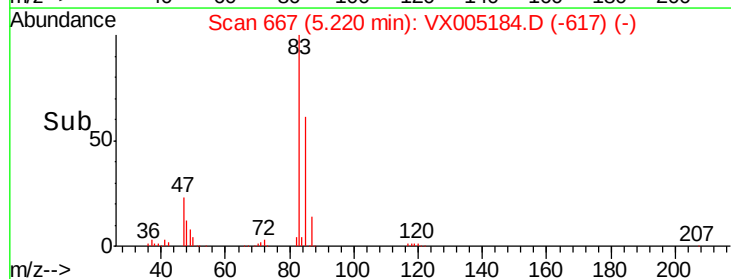
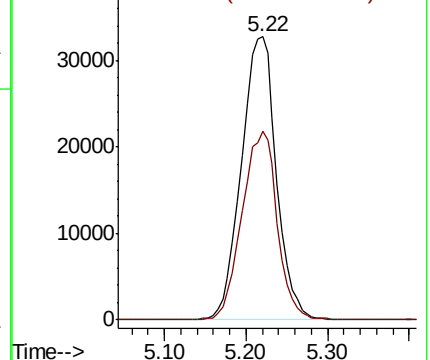
83 100

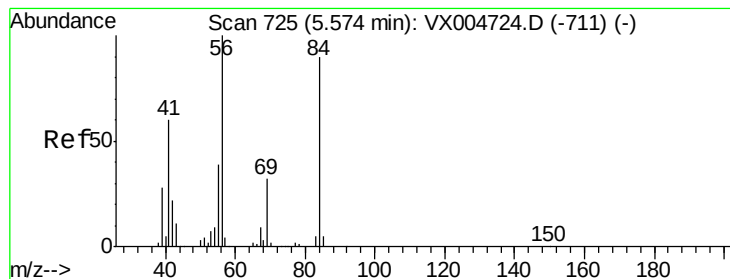
85 66.8 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 22.665 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS02

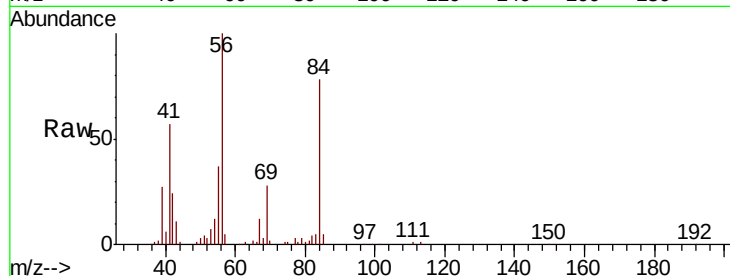
Tot Ion: 56 Resp: 82031

Ion Ratio Lower Upper

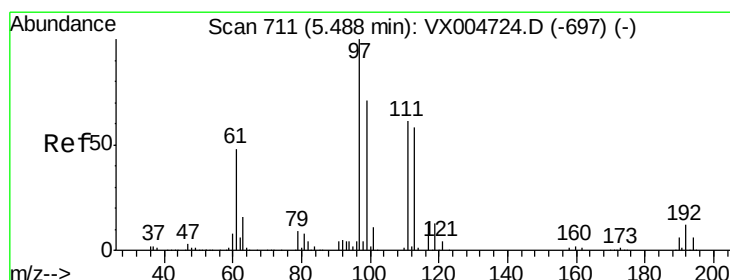
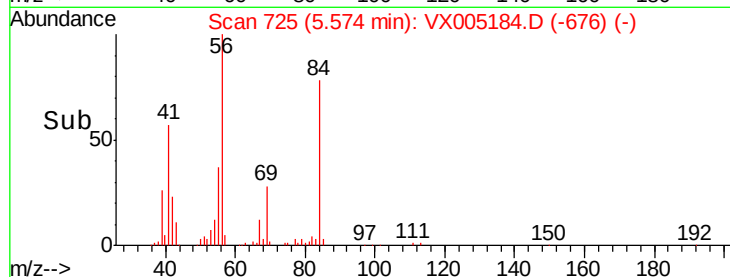
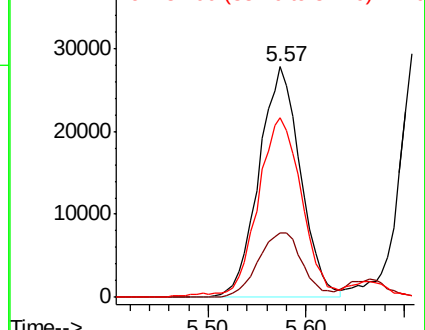
56 100

69 28.3 25.9 38.9

84 76.5 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: 22.517 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

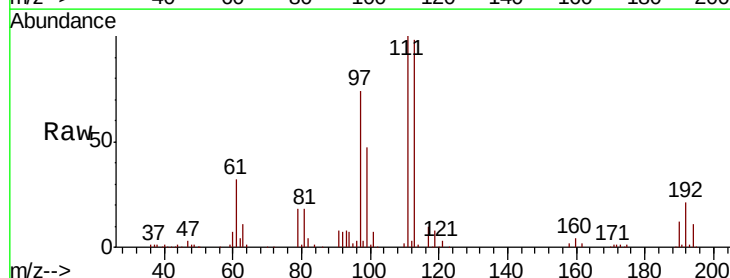
Tgt Ion: 97 Resp: 82186

Ion Ratio Lower Upper

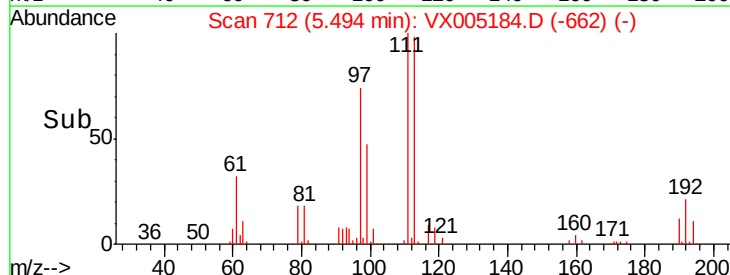
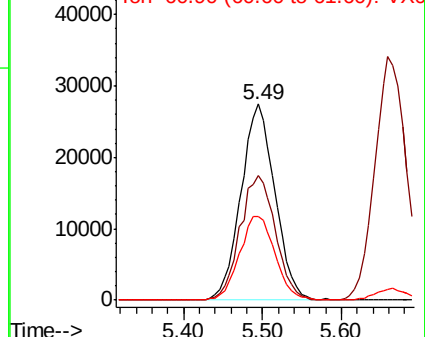
97 100

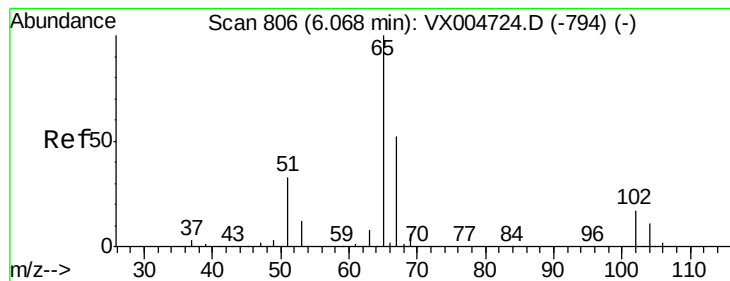
99 66.1 54.6 82.0

61 44.9 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: 50.291 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Instrument :

MSVOA_X

ClientSampleId :

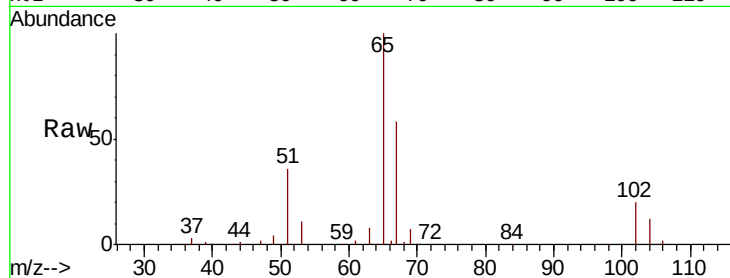
VX1009WBS02

Tot Ion: 65 Resp: 143056

Ion Ratio Lower Upper

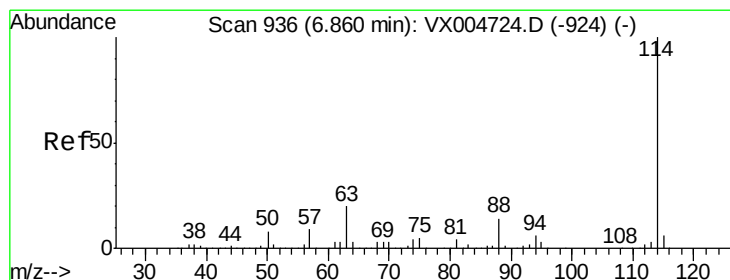
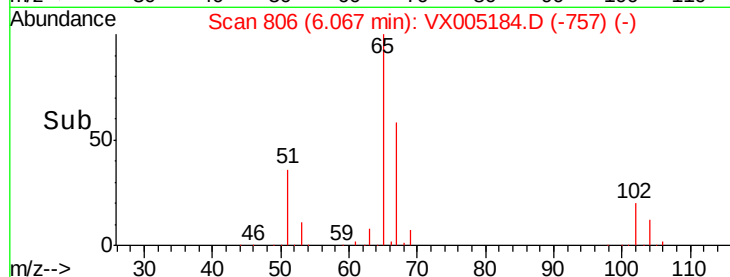
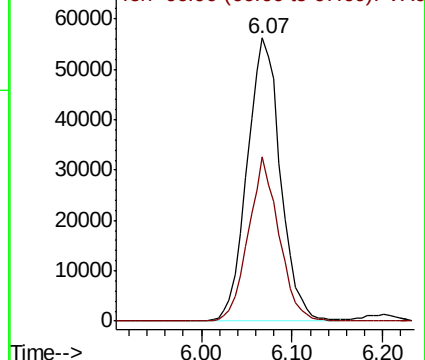
65 100

67 53.3 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

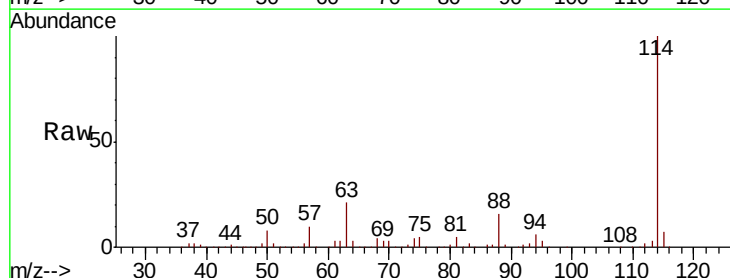
Tgt Ion: 114 Resp: 280447

Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.8

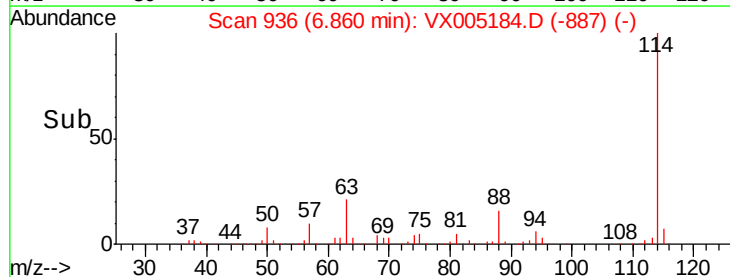
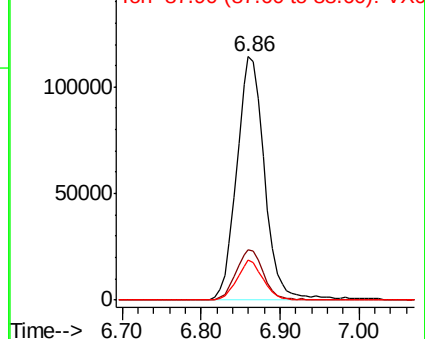
88 16.3 0.0 27.0

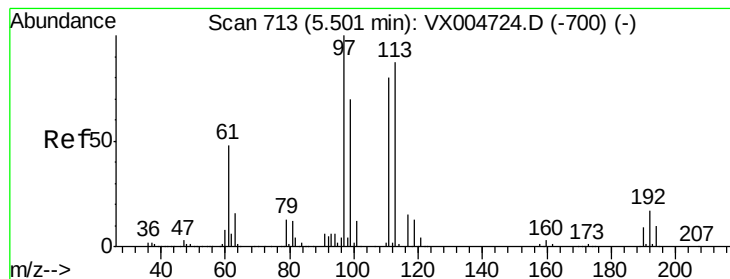


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.397 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS02

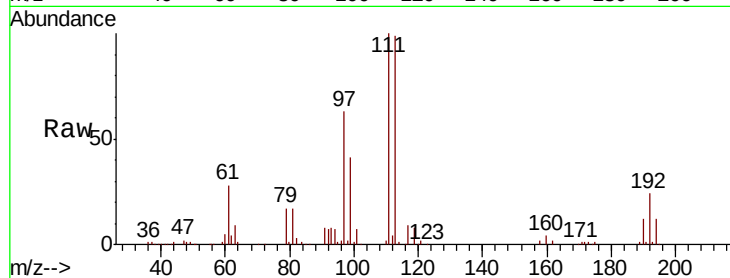
Tot Ion:113 Resp: 112654

Ion Ratio Lower Upper

113 100

111 103.1 77.0 115.4

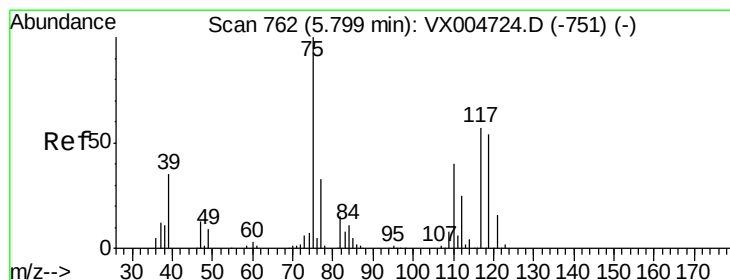
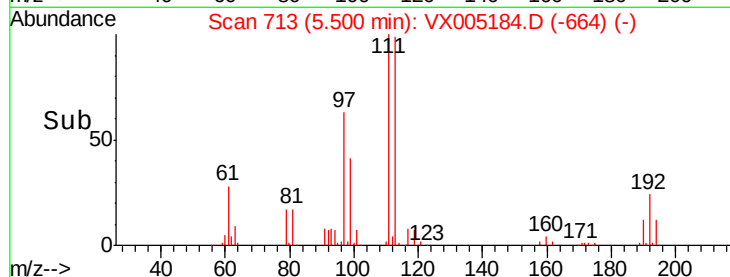
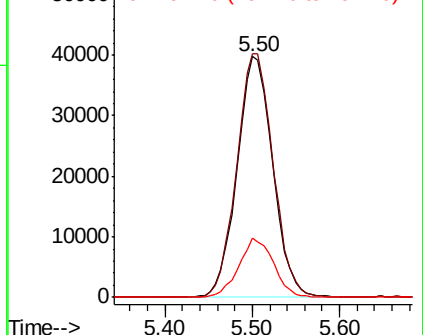
192 23.9 17.0 25.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 21.642 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

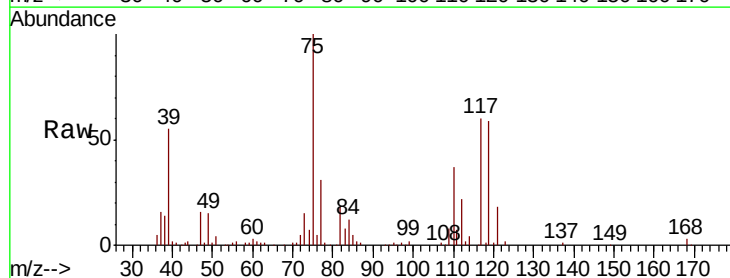
Tgt Ion: 75 Resp: 70182

Ion Ratio Lower Upper

75 100

110 35.4 20.0 59.9

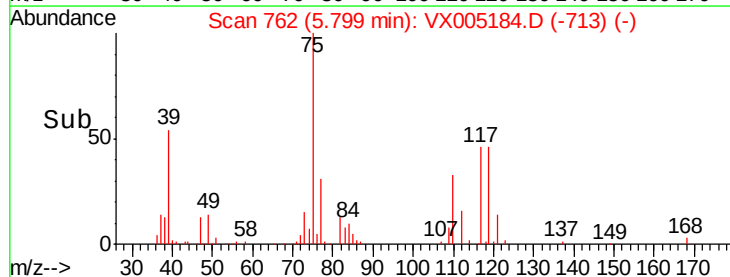
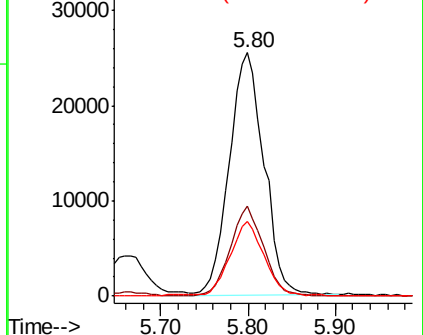
77 29.0 27.1 40.7

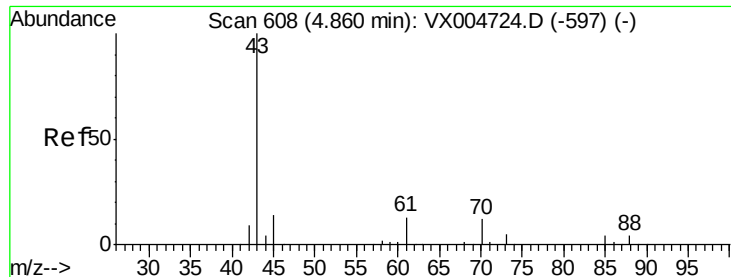


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 22.021 ug/l

RT: 4.86 min Scan# 608

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Instrument :

MSVOA_X

ClientSampled :

VX1009WBS02

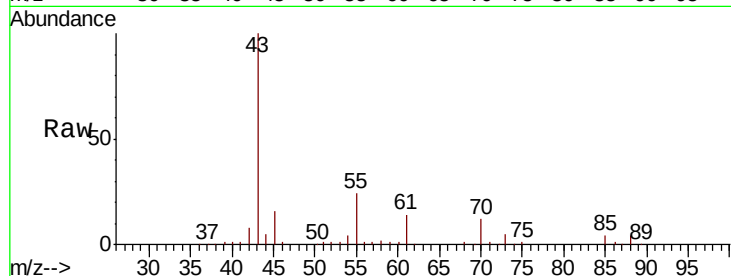
Tot Ion: 43 Resp: 94790

Ion Ratio Lower Upper

43 100

61 14.1 10.4 15.6

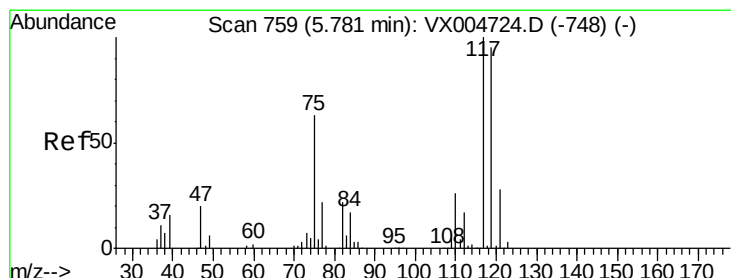
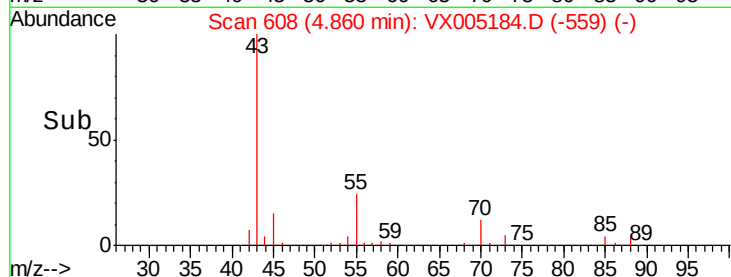
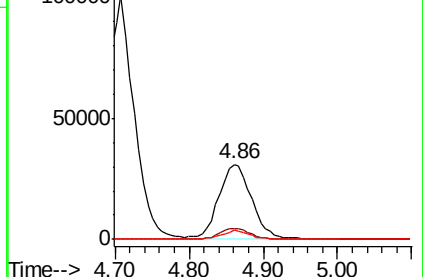
70 10.2 8.7 13.1



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

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

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



#38

Carbon Tetrachloride

Concen: 21.116 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

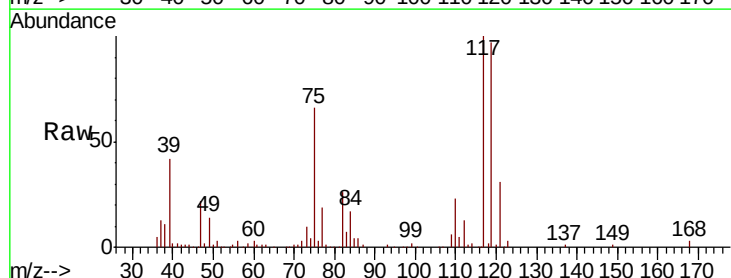
Tgt Ion: 117 Resp: 71981

Ion Ratio Lower Upper

117 100

119 96.8 75.2 112.8

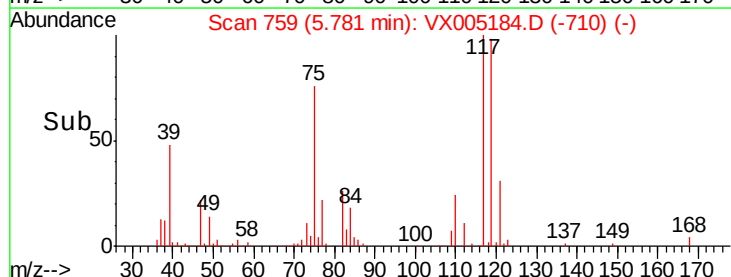
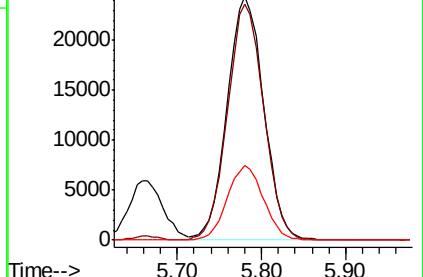
121 30.8 22.5 33.7

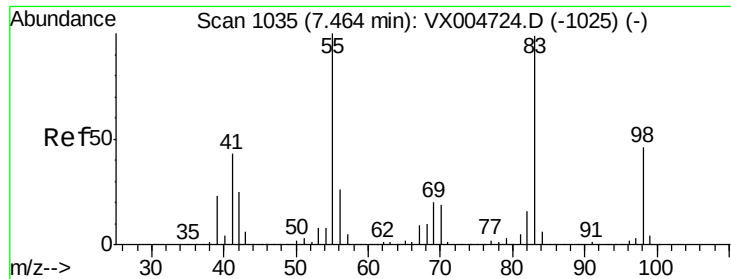


Abundance Ion 116.80 (116.50 to 117.50): VX004724.D (-748) (-)

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

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

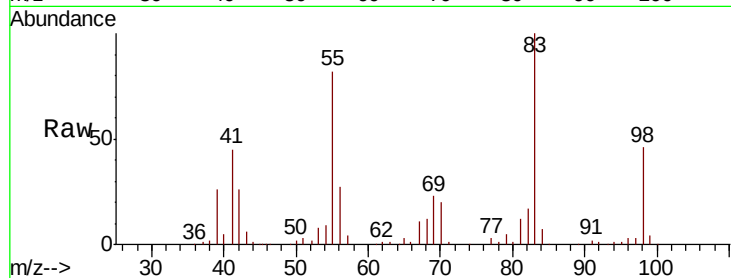




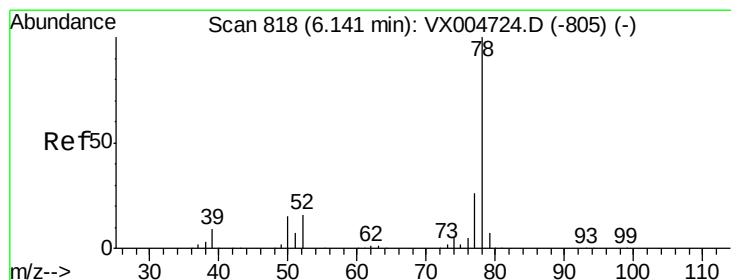
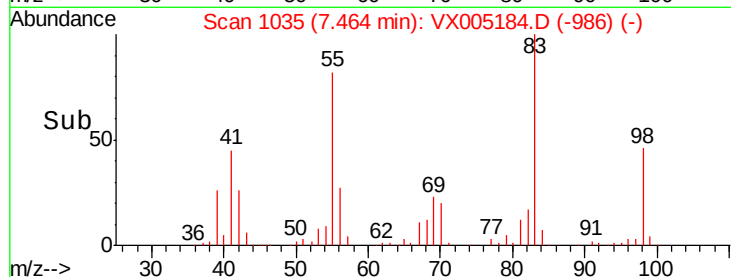
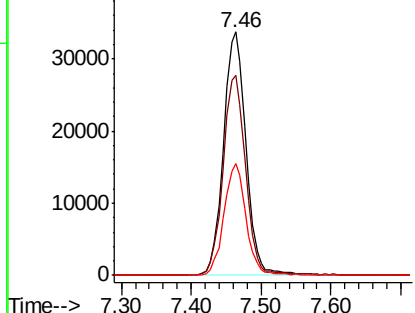
#39
Methylvlcyclohexane
Concen: 22.829 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Tot Ion: 83 Resp: 75595
Ion Ratio Lower Upper
83 100
55 82.0 81.1 121.7
98 46.2 37.3 55.9

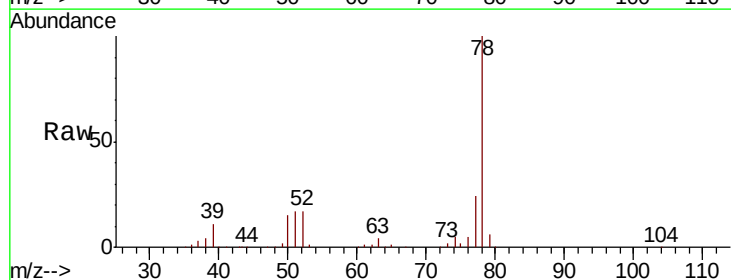


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

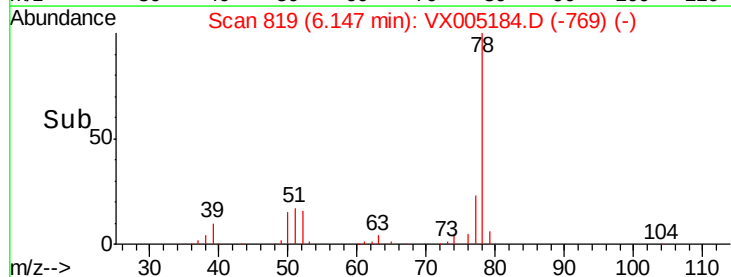
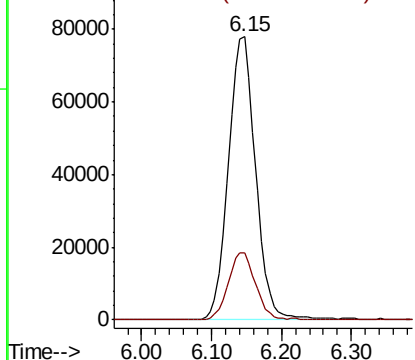


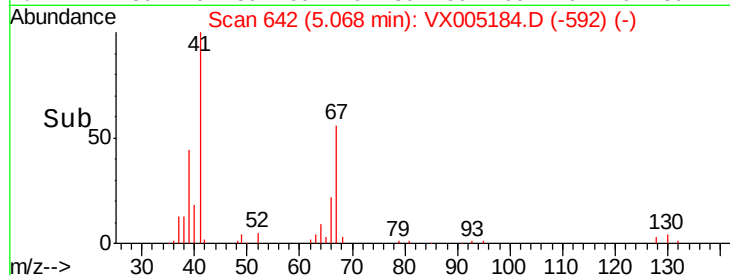
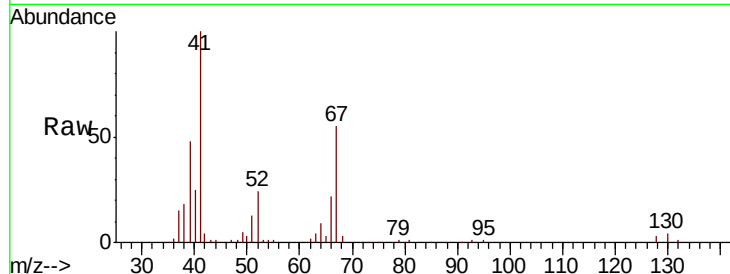
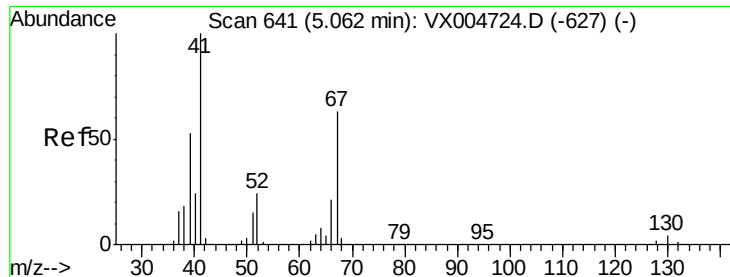
#40
Benzene
Concen: 20.770 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

Tgt Ion: 78 Resp: 210867
Ion Ratio Lower Upper
78 100
77 23.7 21.0 31.4



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

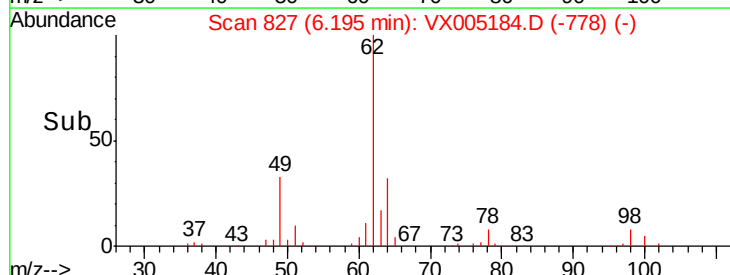
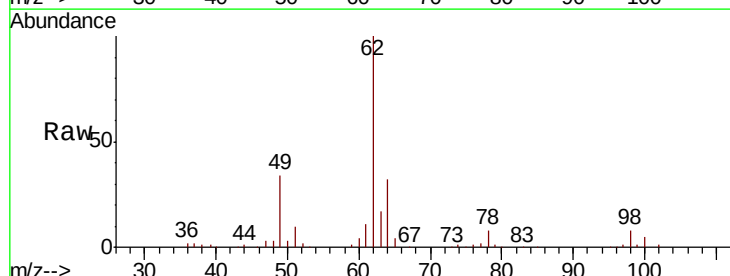
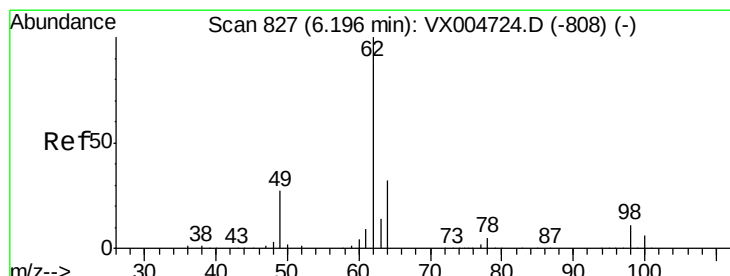
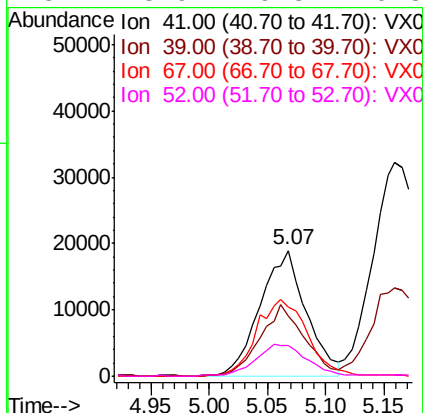




#41
Methacrylonitrile
Concen: 21.563 ug/l
RT: 5.07 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

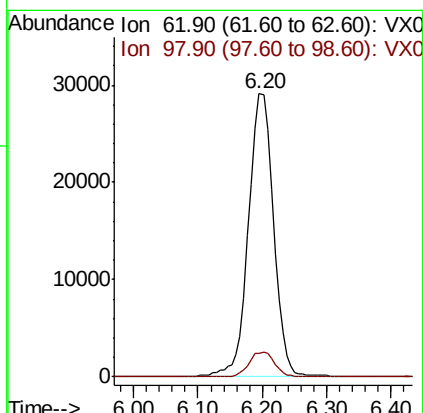
Instrument :
MSVOA_X
ClientSampled :
VX1009WBS02

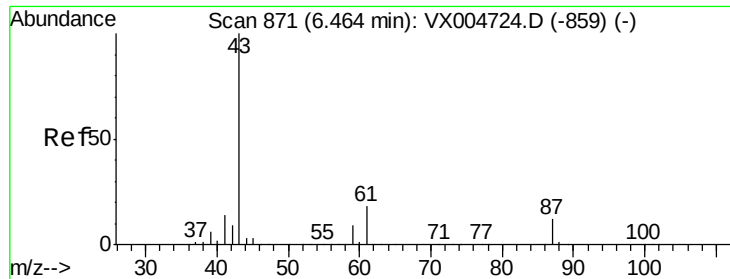
Tot Ion:	41	Resp:	51477
Ion	Ratio	Lower	Upper
41	100		
39	55.2	42.5	63.7
67	68.8	53.0	79.6
52	28.9	19.8	29.8



#42
1,2-Dichloroethane
Concen: 21.730 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

Tgt Ion:	62	Resp:	77988
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	20.2





#43

Isopropyl Acetate

Concen: 21.026 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS02

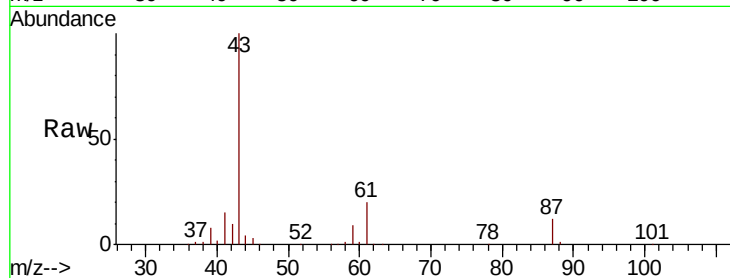
Tot Ion: 43 Resp: 130638

Ion Ratio Lower Upper

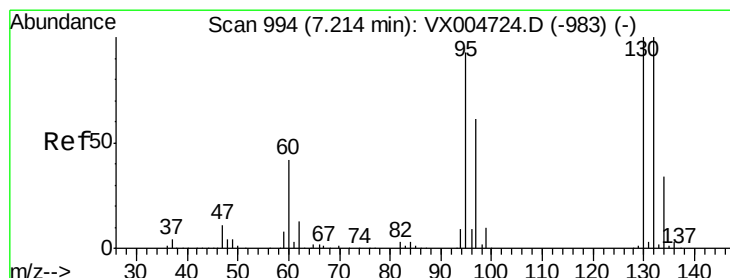
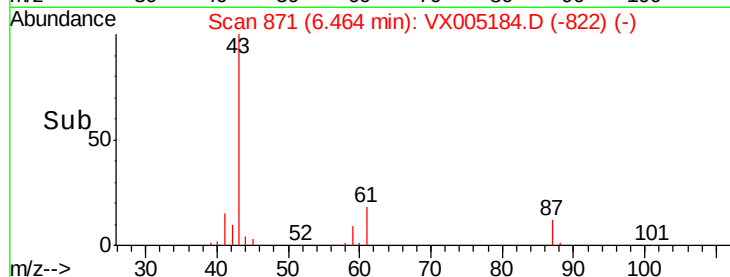
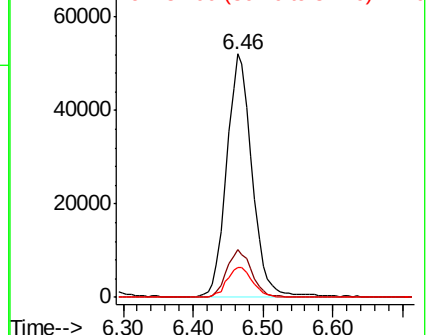
43 100

61 19.3 14.2 21.4

87 12.6 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 22.523 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX005184.D

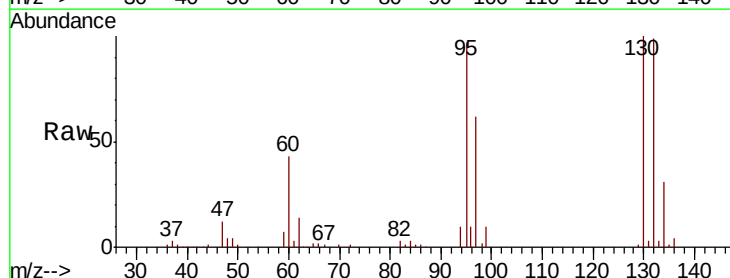
Acq: 10 Oct 2018 03:25

Tgt Ion:130 Resp: 56213

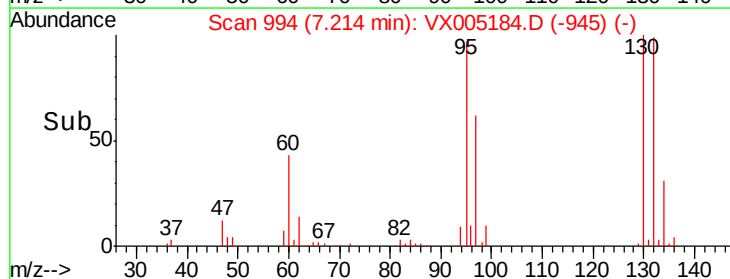
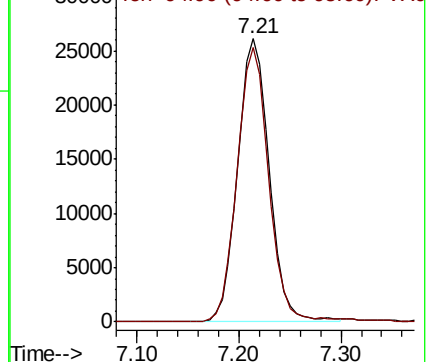
Ion Ratio Lower Upper

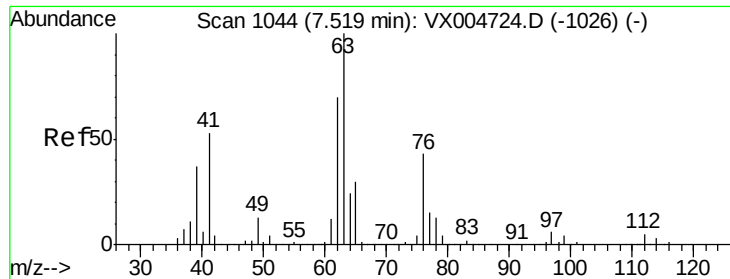
130 100

95 97.0 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

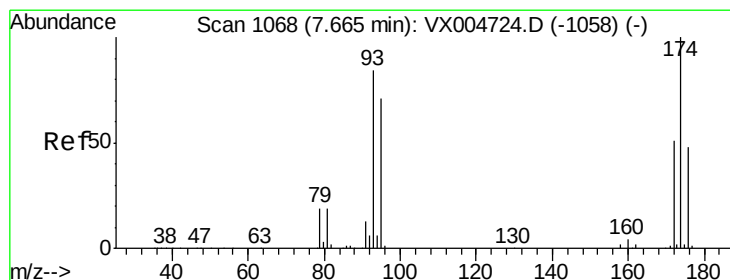
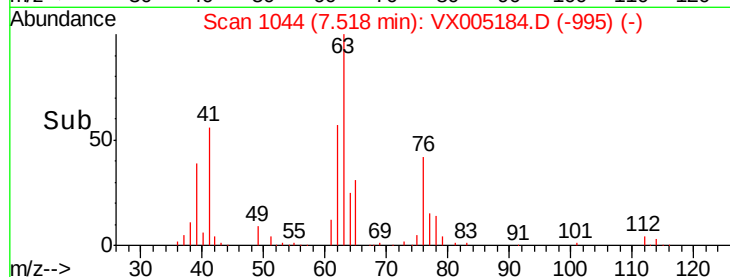
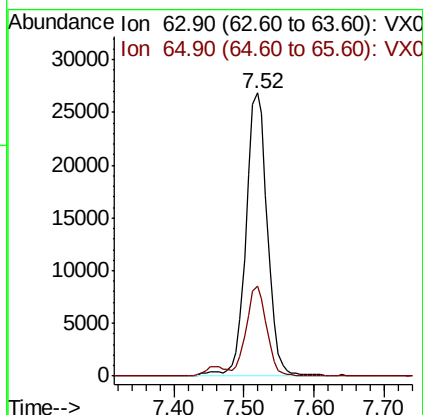
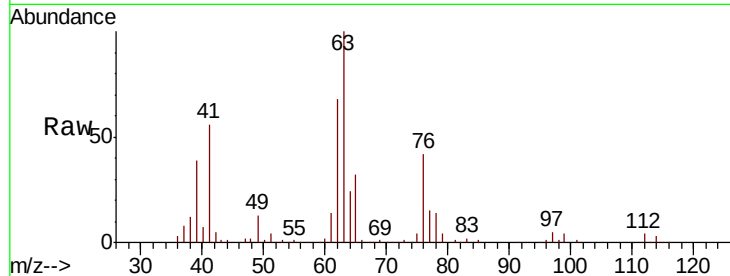




#45
 1,2-Dichloropropane
 Concen: 23.049 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005184.D
 Acq: 10 Oct 2018 03:25

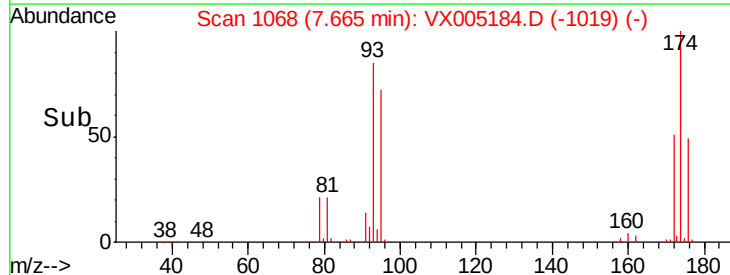
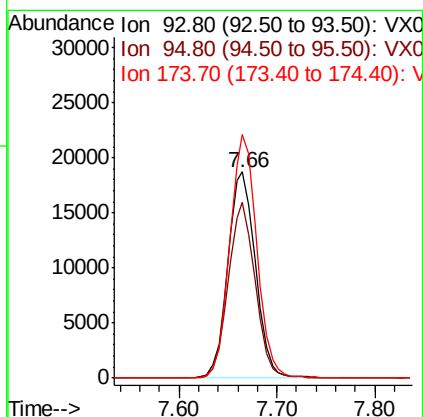
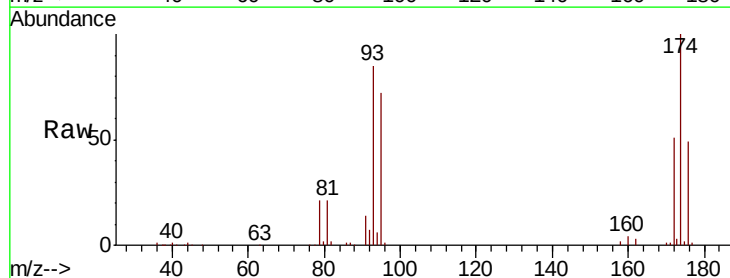
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS02

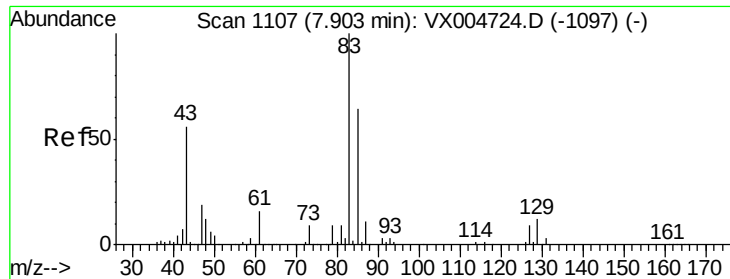
Tot Ion: 63 Resp: 57386
 Ion Ratio Lower Upper
 63 100
 65 31.8 23.9 35.9



#46
 Dibromomethane
 Concen: 23.377 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX005184.D
 Acq: 10 Oct 2018 03:25

Tgt Ion: 93 Resp: 36577
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.7 100.1
 174 115.3 92.7 139.1





#47

Bromodichloromethane

Concen: 23.823 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS02

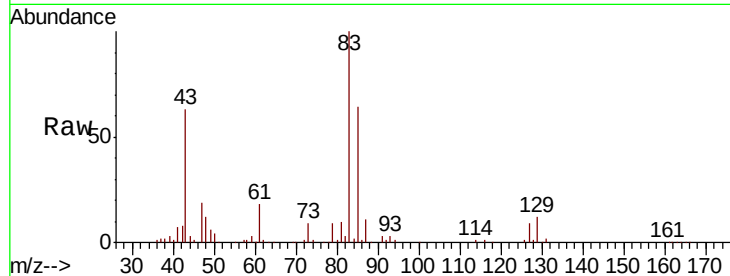
Tot Ion: 83 Resp: 69788

Ion Ratio Lower Upper

83 100

85 64.0 51.2 76.8

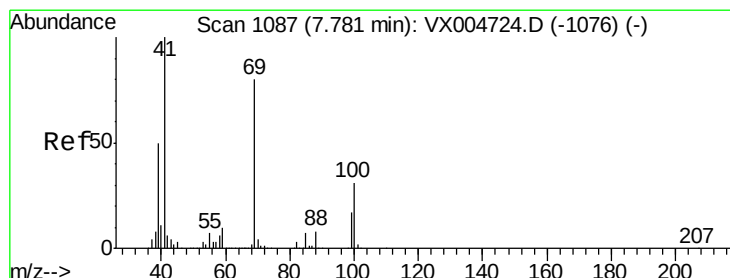
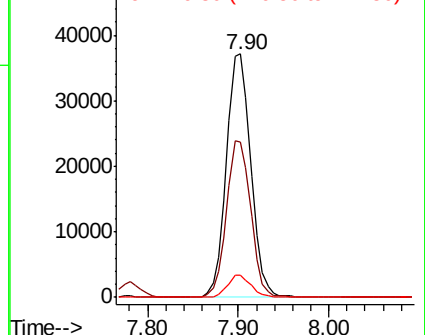
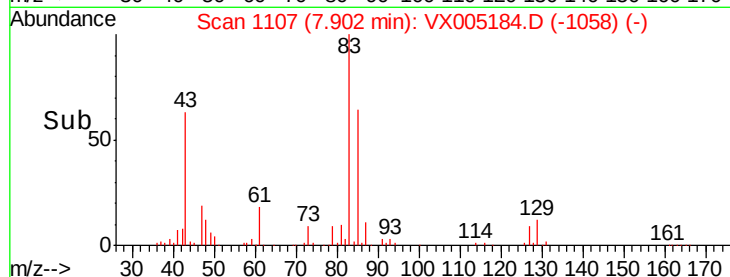
127 9.2 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 24.819 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

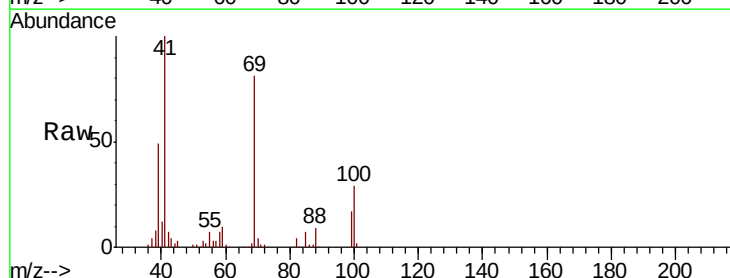
Tgt Ion: 41 Resp: 69991

Ion Ratio Lower Upper

41 100

69 78.7 63.8 95.6

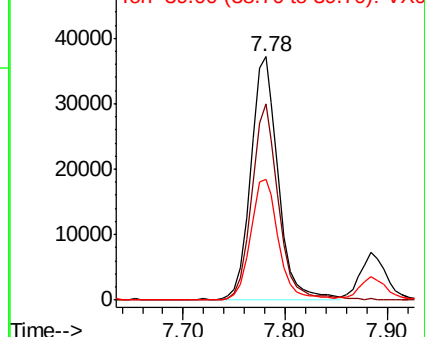
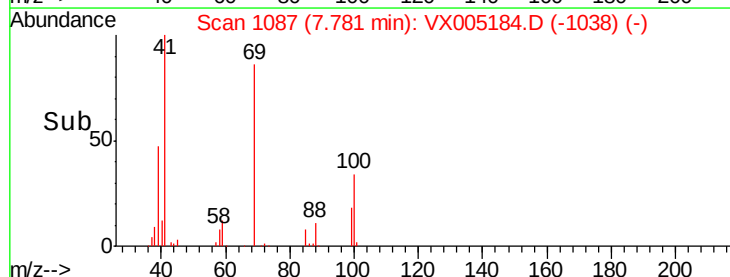
39 50.2 40.7 61.1

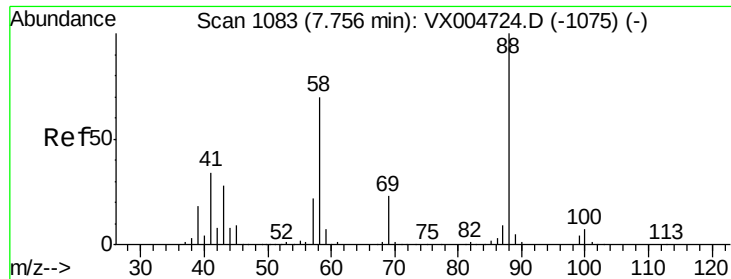


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

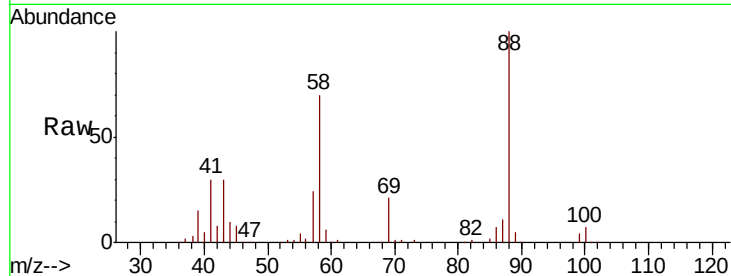




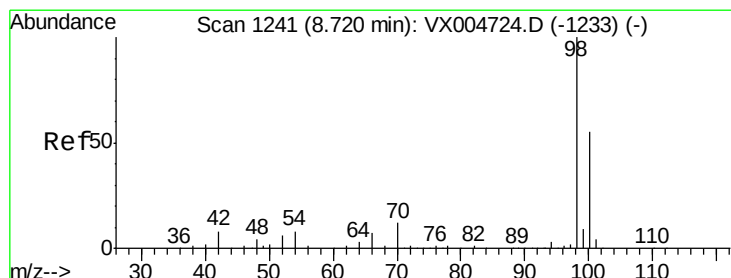
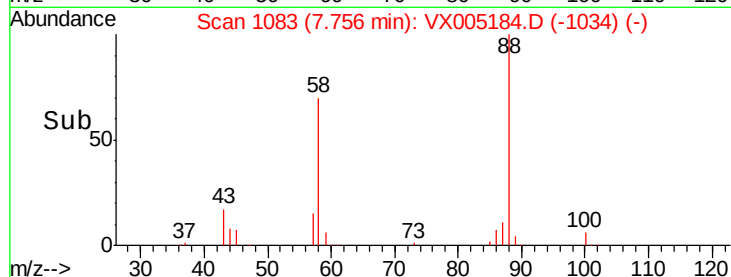
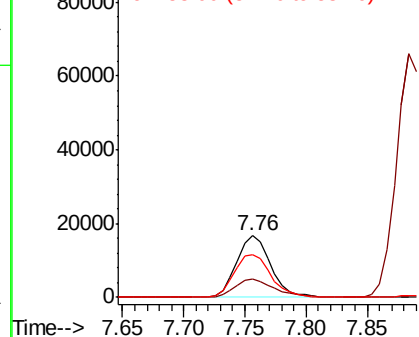
#49
1,4-Dioxane
Concen: 460.892 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Tot Ion: 88 Resp: 32290
Ion Ratio Lower Upper
88 100
43 34.7 25.1 37.7
58 74.6 56.2 84.2

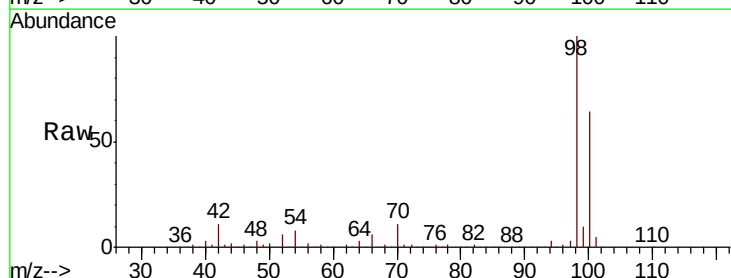


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

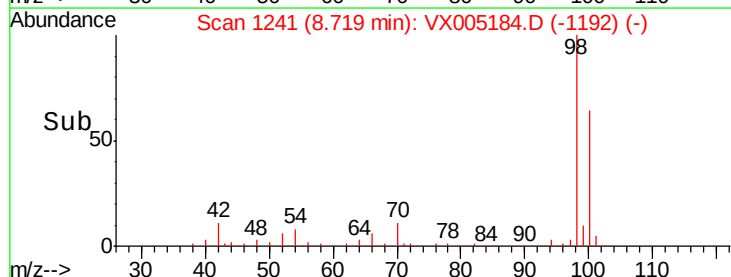
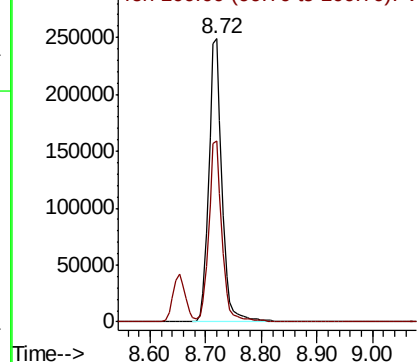


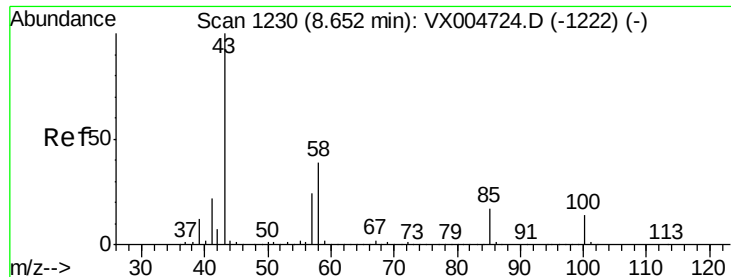
#50
Toluene-d8
Concen: 52.921 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

Tgt Ion: 98 Resp: 418167
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9



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

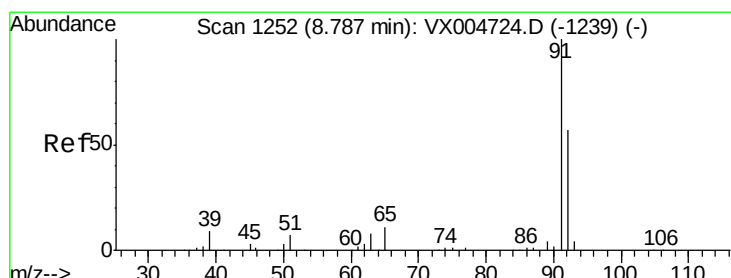
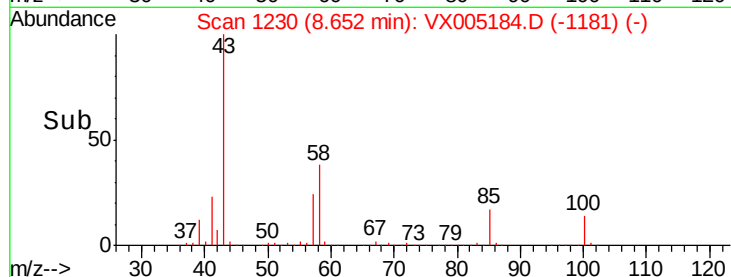
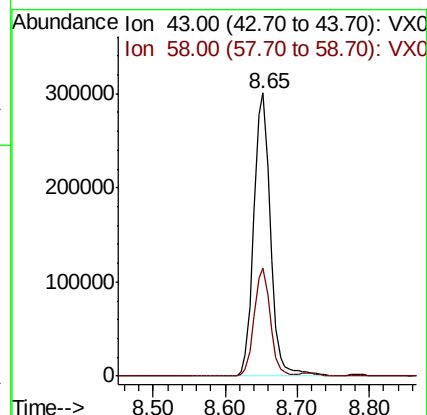
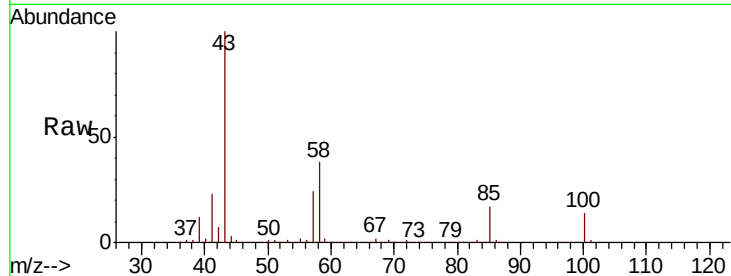




#51
4-Methyl-2-Pentanone
Concen: 123.505 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

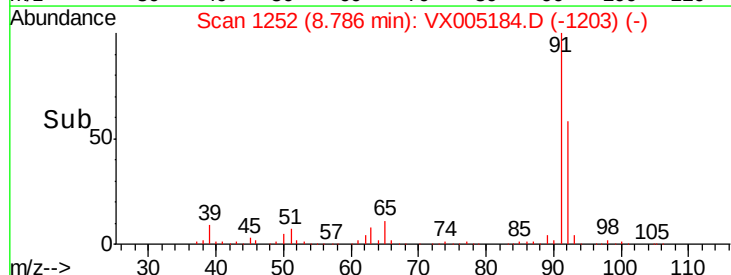
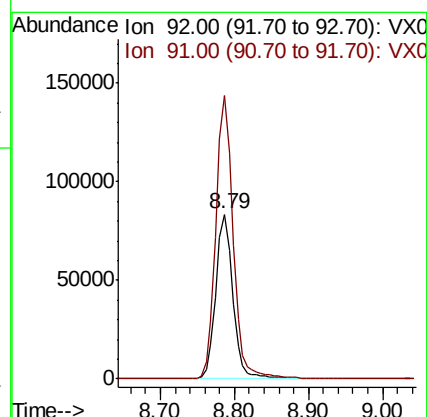
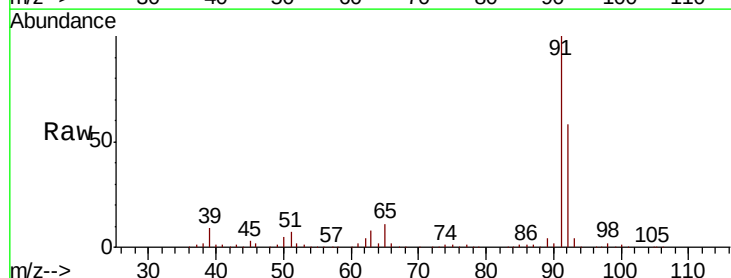
Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

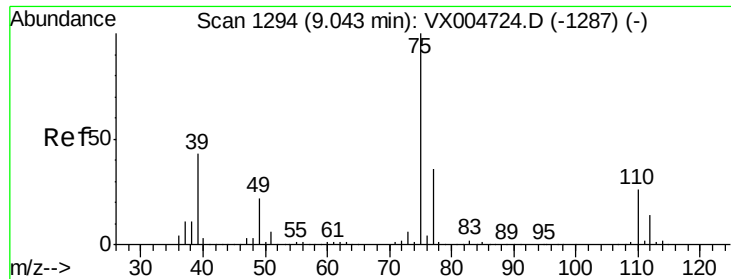
Tot Ion: 43 Resp: 483151
Ion Ratio Lower Upper
43 100
58 36.9 30.5 45.7



#52
Toluene
Concen: 23.772 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

Tgt Ion: 92 Resp: 132617
Ion Ratio Lower Upper
92 100
91 174.0 136.7 205.1

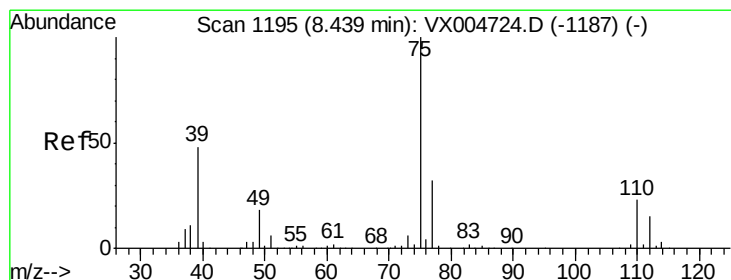
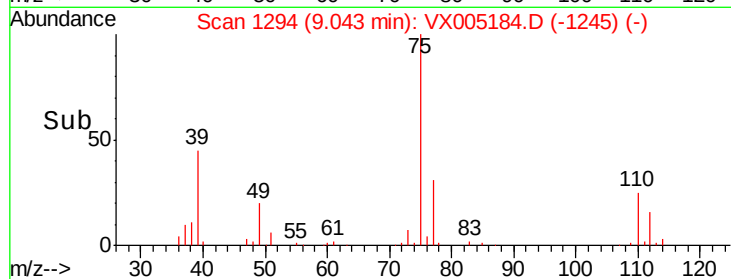
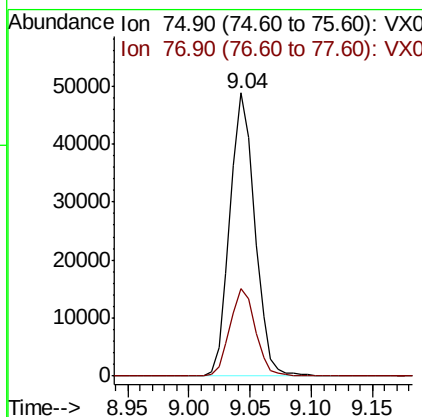
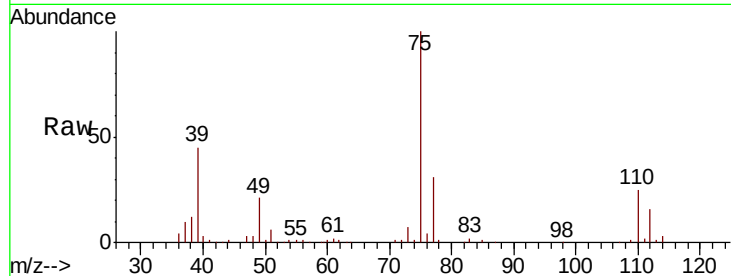




#53
 t-1,3-Dichloropropene
 Concen: 20.870 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX005184.D
 Acq: 10 Oct 2018 03:25

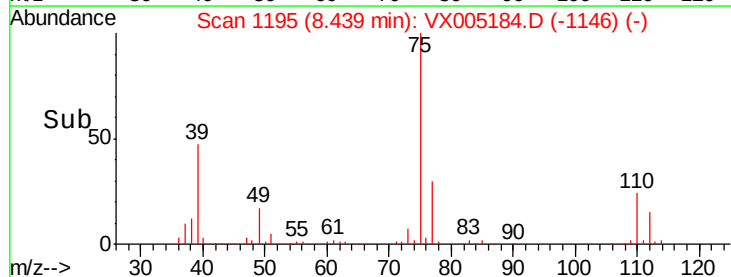
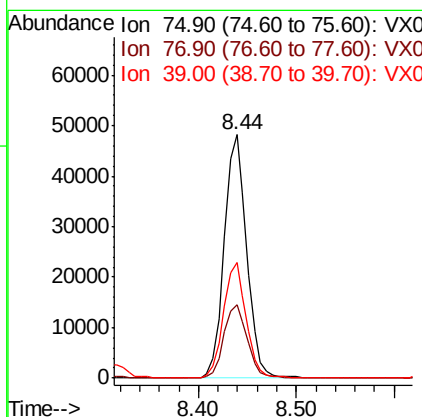
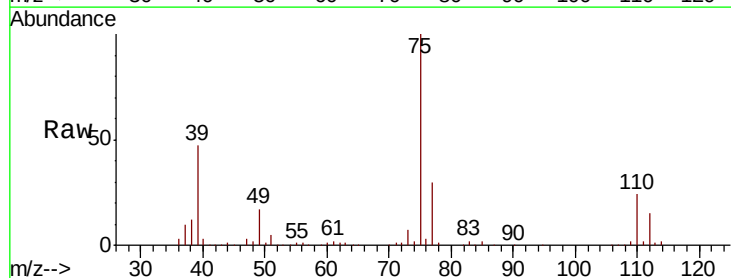
Instrument :
 MSVOA_X
 ClientSampled :
 VX1009WBS02

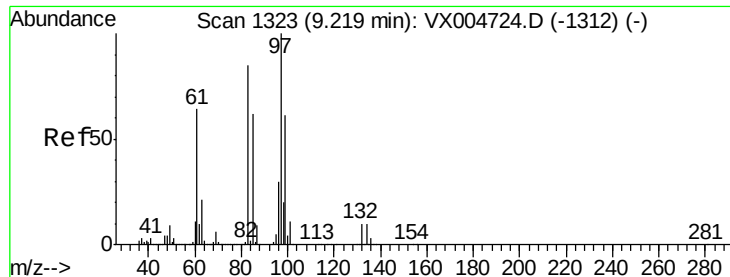
Tot Ion: 75 Resp: 69089
 Ion Ratio Lower Upper
 75 100
 77 31.0 28.9 43.3



#54
 cis-1,3-Dichloropropene
 Concen: 22.149 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: VX005184.D
 Acq: 10 Oct 2018 03:25

Tgt Ion: 75 Resp: 76800
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.7 38.5
 39 47.1 38.3 57.5

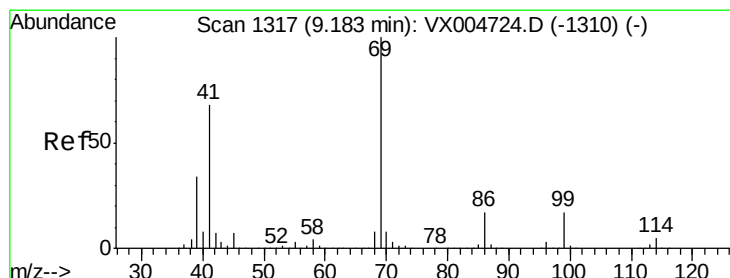
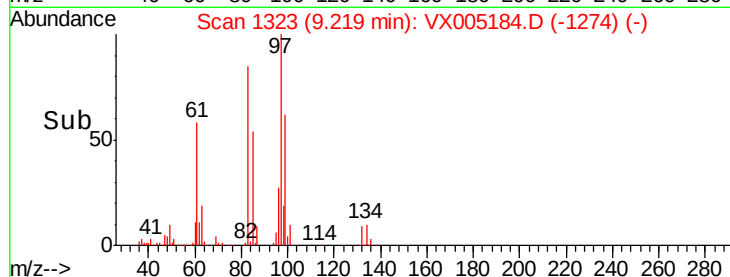
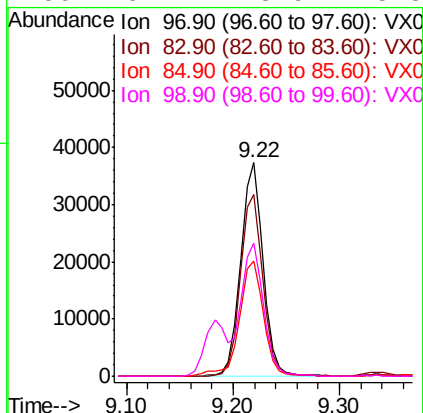
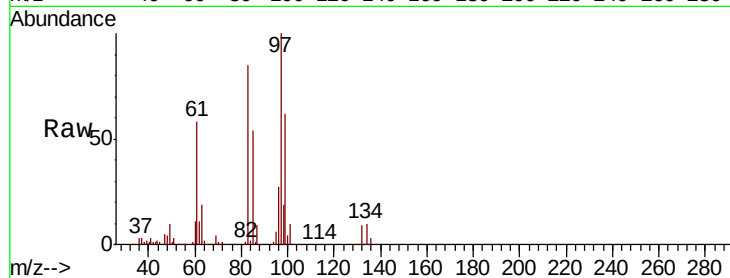




#55
 1,1,2-Trichloroethane
 Concen: 22.622 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX005184.D
 Acq: 10 Oct 2018 03:25

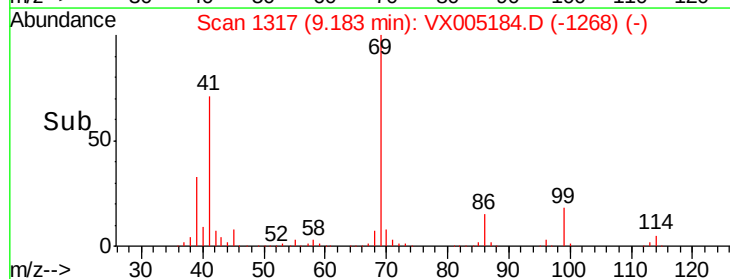
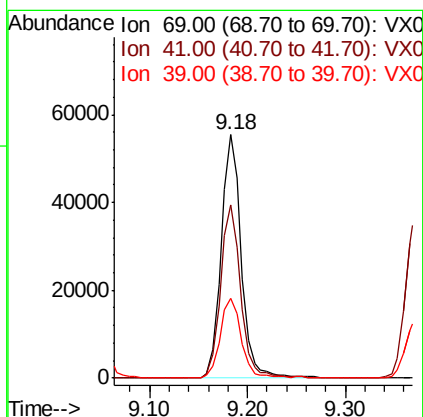
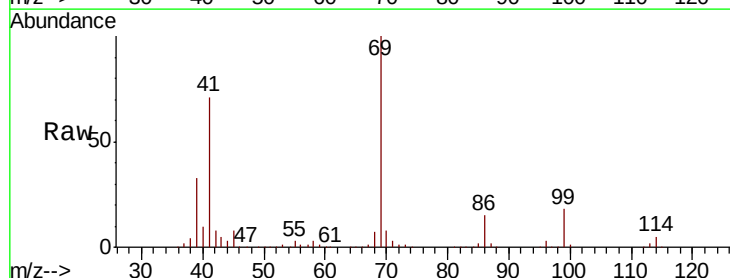
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS02

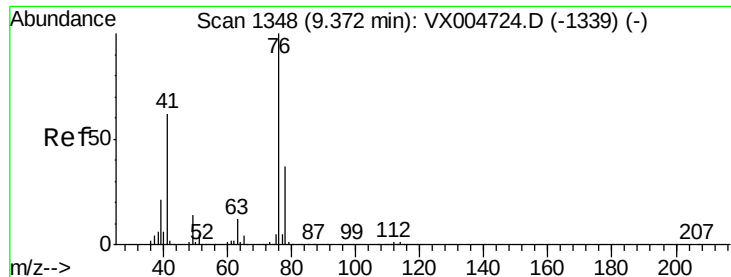
Tot Ion:	97	Resp:	55280
Ion	Ratio	Lower	Upper
97	100		
83	84.8	68.2	102.2
85	54.0	49.9	74.9
99	62.2	48.9	73.3



#56
 Ethyl methacrylate
 Concen: 21.568 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005184.D
 Acq: 10 Oct 2018 03:25

Tgt Ion:	69	Resp:	78680
Ion	Ratio	Lower	Upper
69	100		
41	70.8	56.9	85.3
39	34.2	28.4	42.6

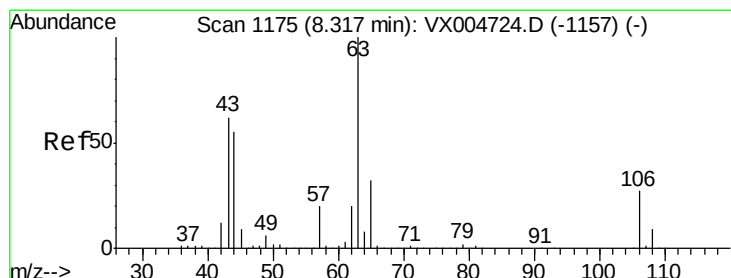
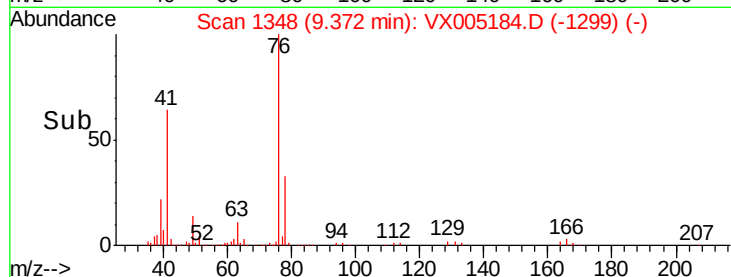
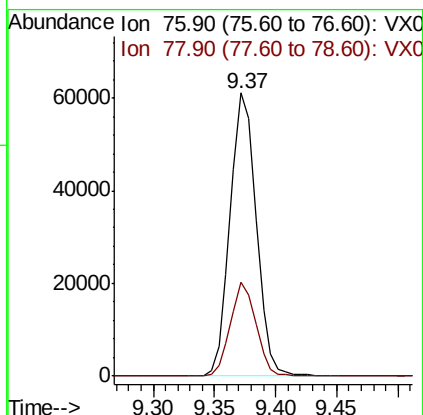
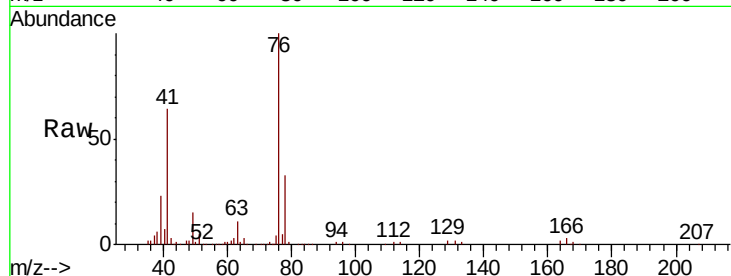




#57
 1,3-Dichloropropane
 Concen: 22.266 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005184.D
 Acq: 10 Oct 2018 03:25

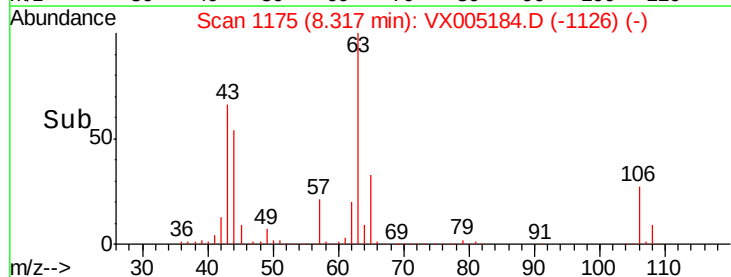
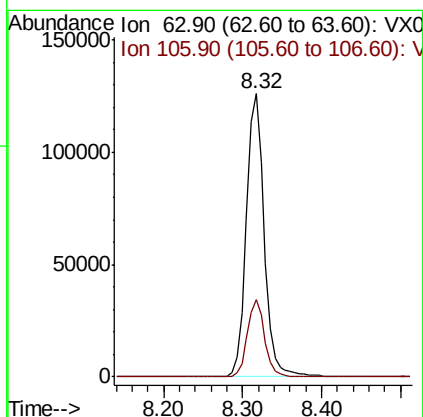
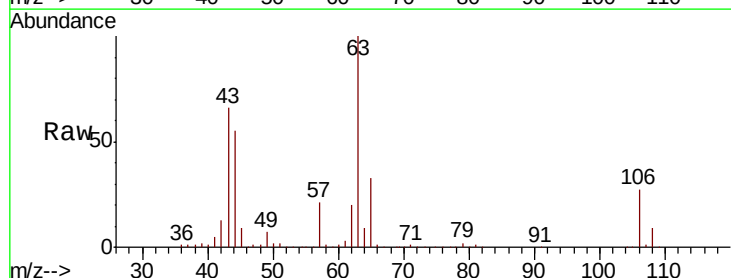
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS02

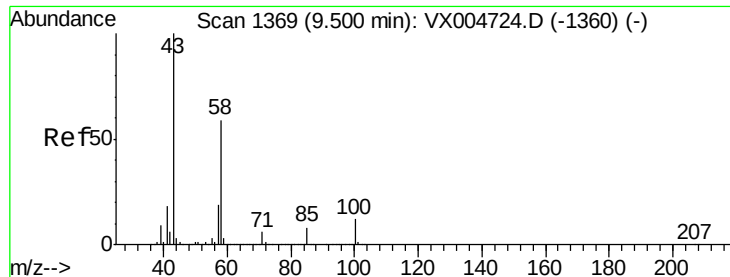
Tot Ion: 76 Resp: 90555
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.180 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: VX005184.D
 Acq: 10 Oct 2018 03:25

Tgt Ion: 63 Resp: 198573
 Ion Ratio Lower Upper
 63 100
 106 26.7 21.0 31.6

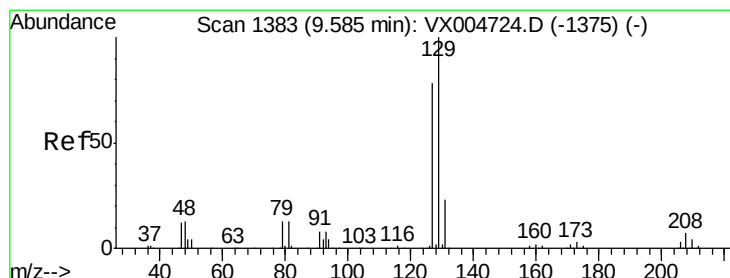
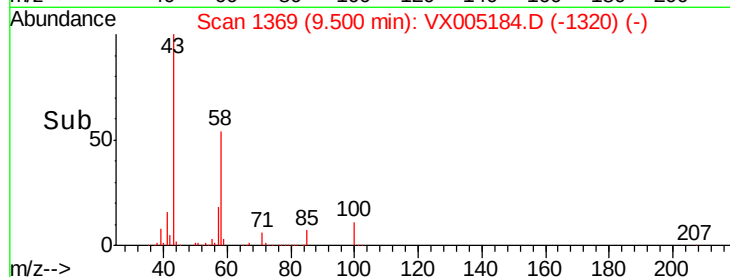
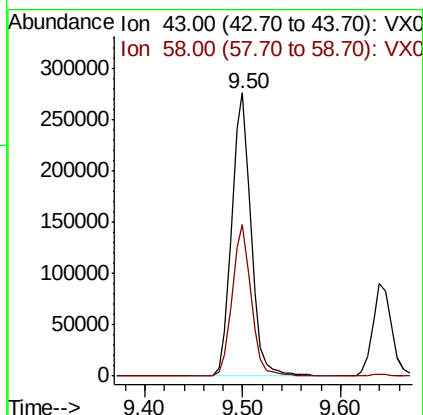
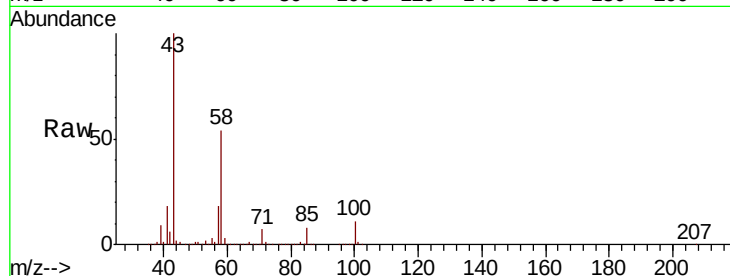




#59
2-Hexanone
Concen: 116.226 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

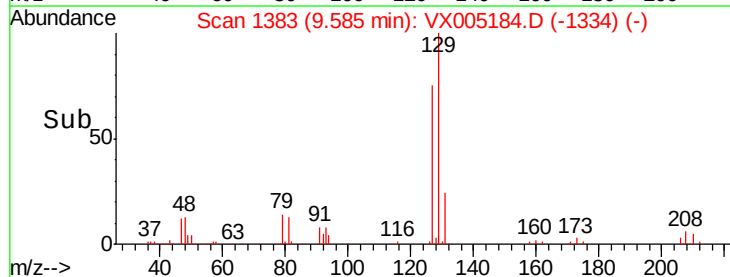
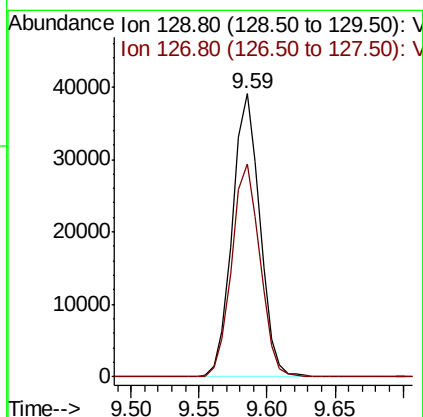
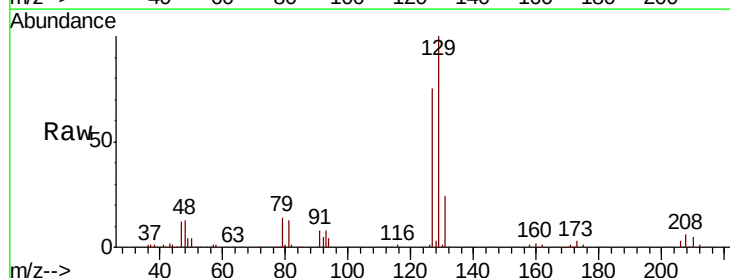
Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

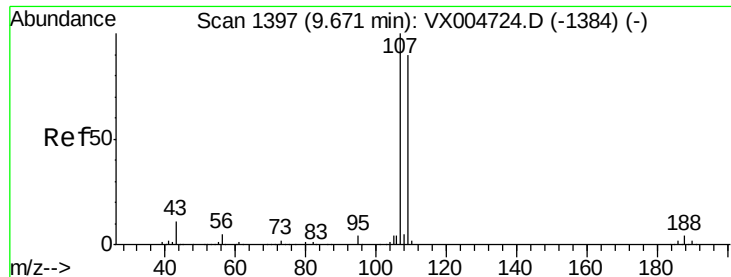
Tot Ion: 43 Resp: 378892
Ion Ratio Lower Upper
43 100
58 52.9 28.4 85.3



#60
Dibromochloromethane
Concen: 22.568 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

Tgt Ion:129 Resp: 55151
Ion Ratio Lower Upper
129 100
127 77.1 39.1 117.2





#61

1,2-Dibromoethane

Concen: 21.947 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Instrument :

MSVOA_X

ClientSampleId :

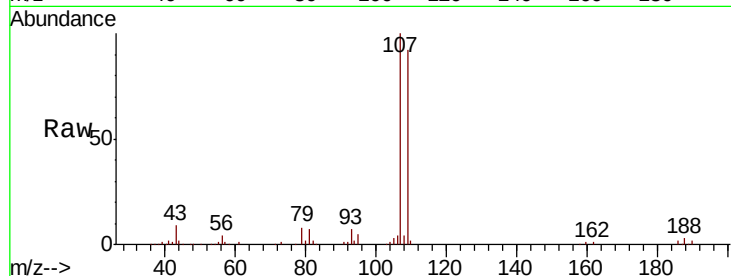
VX1009WBS02

Tot Ion:107 Resp: 57436

Ion Ratio Lower Upper

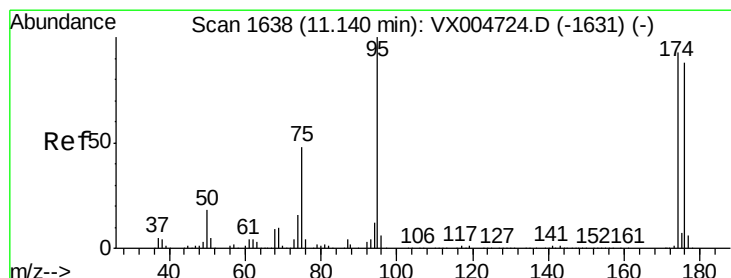
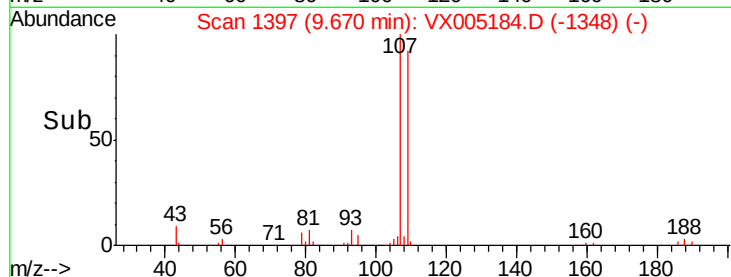
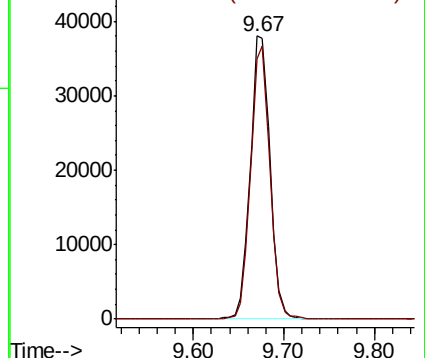
107 100

109 94.0 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: 54.355 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

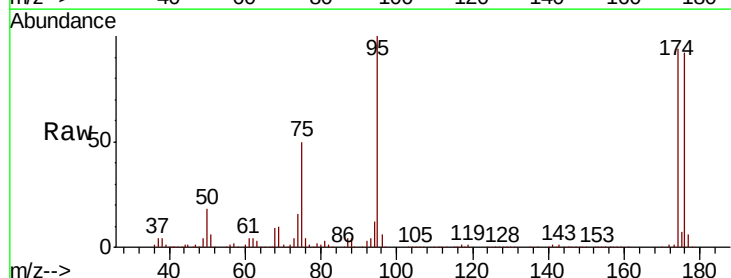
Tgt Ion: 95 Resp: 154728

Ion Ratio Lower Upper

95 100

174 92.4 0.0 185.0

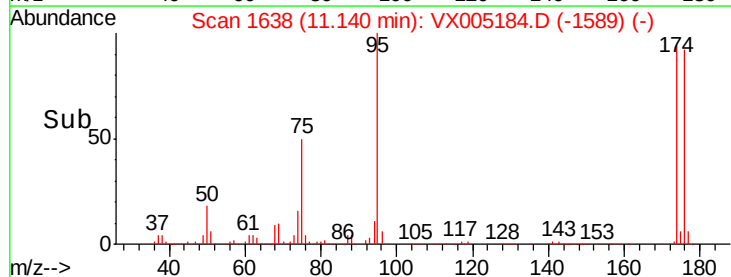
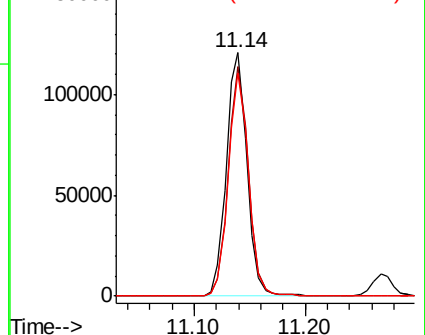
176 90.0 0.0 180.2

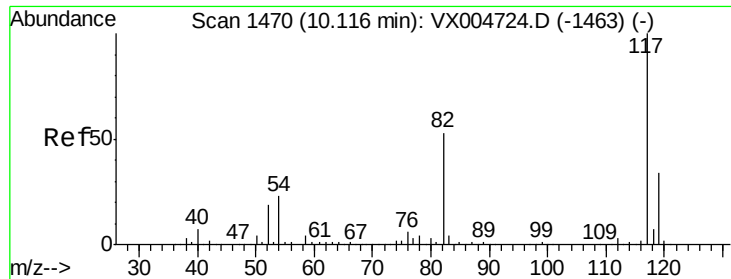


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: VX005184.D

Acq: 10 Oct 2018 03:25

Instrument :

MSVOA_X

ClientSampled :

VX1009WBS02

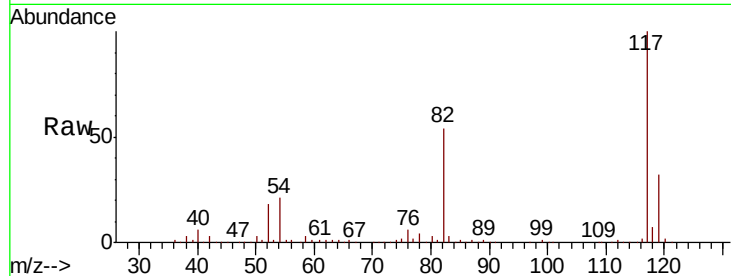
Tot Ion:117 Resp: 273304

Ion Ratio Lower Upper

117 100

82 53.8 42.2 63.4

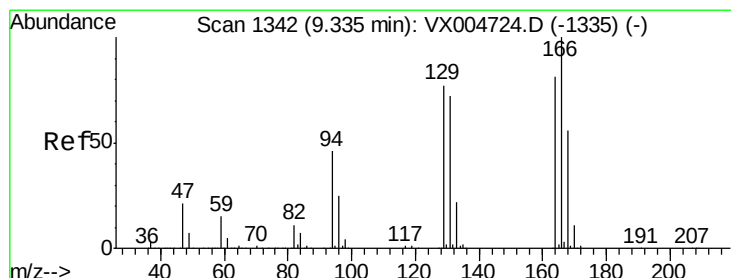
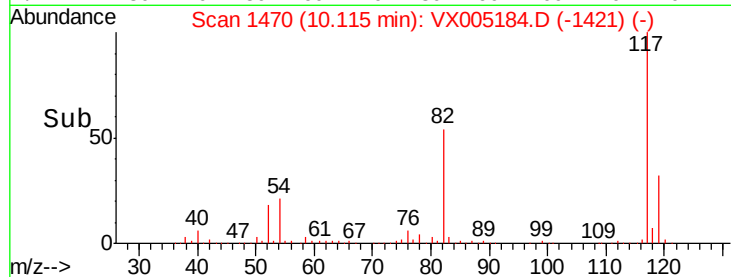
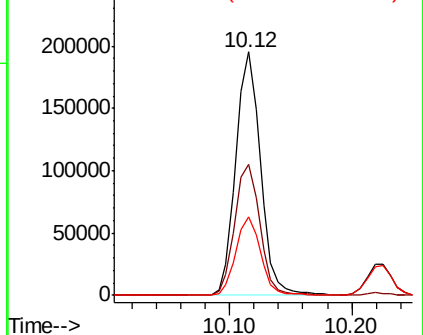
119 32.0 27.4 41.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 22.592 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Tgt Ion:164 Resp: 60771

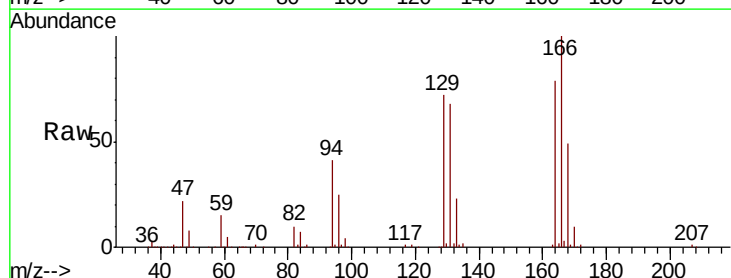
Ion Ratio Lower Upper

164 100

166 127.1 98.4 147.6

129 92.1 76.1 114.1

131 86.7 71.0 106.4

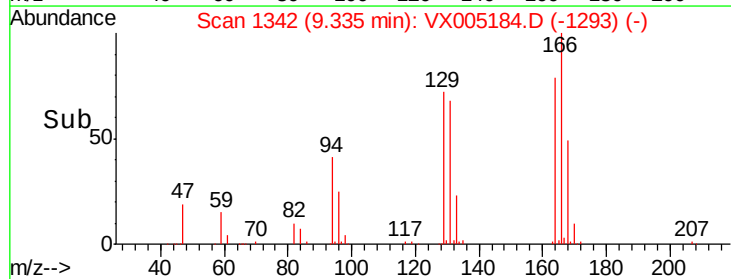
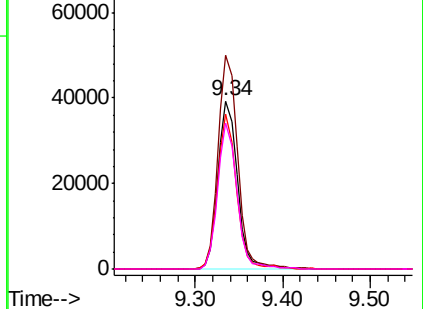


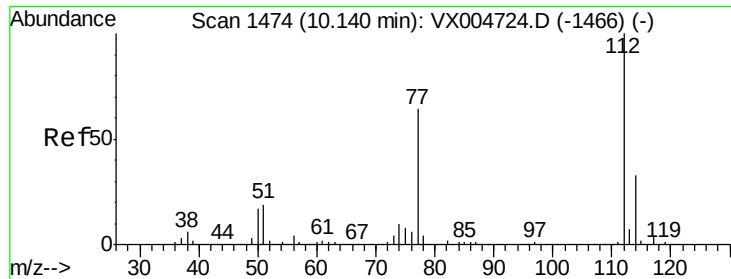
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

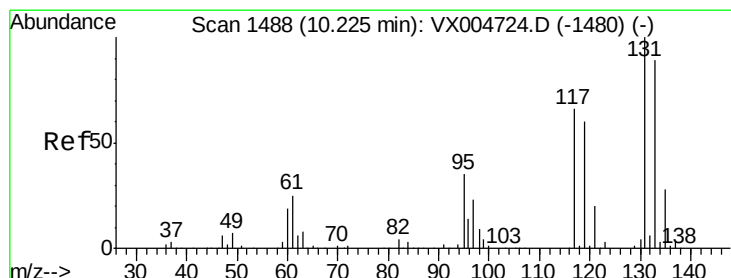
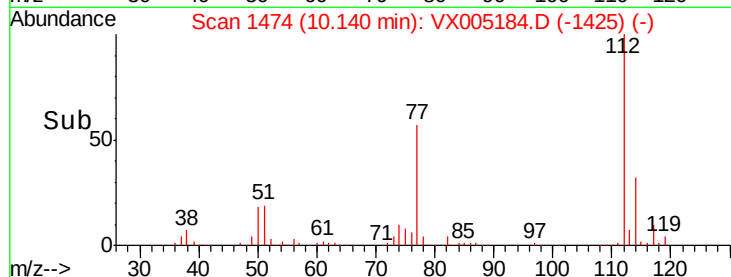
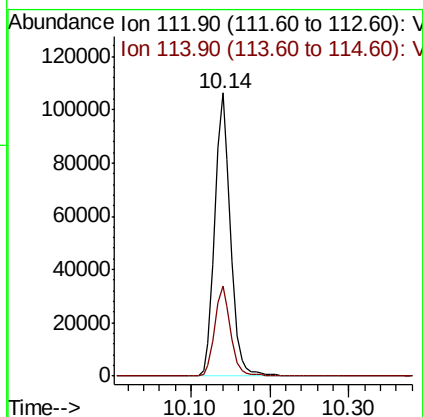
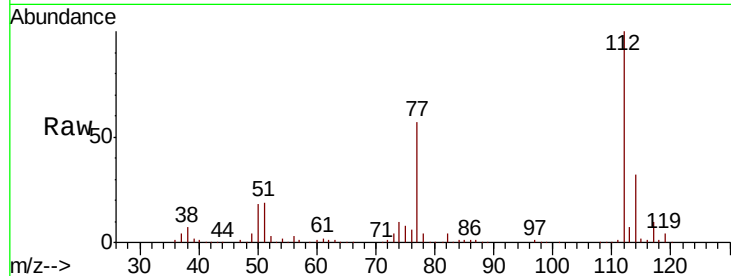




#65
Chlorobenzene
Concen: 21.164 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

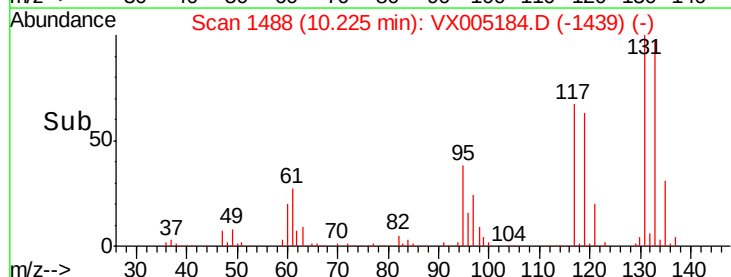
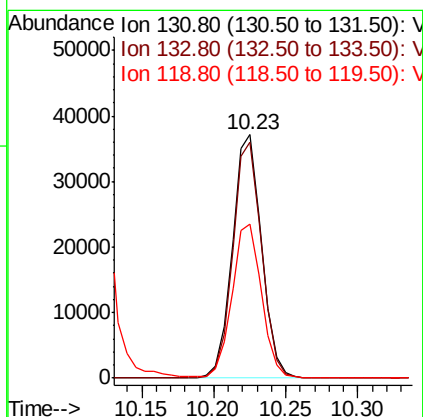
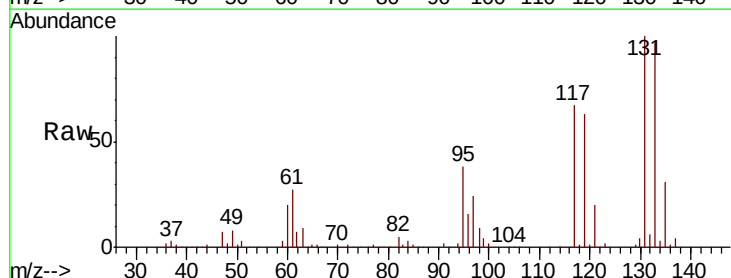
Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

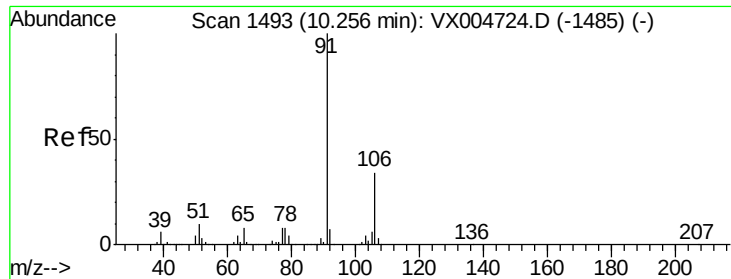
Tot Ion:112 Resp: 148323
Ion Ratio Lower Upper
112 100
114 31.6 26.7 40.1



#66
1,1,1,2-Tetrachloroethane
Concen: 21.284 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

Tgt Ion:131 Resp: 52441
Ion Ratio Lower Upper
131 100
133 96.2 48.4 145.0
119 64.5 32.3 96.8

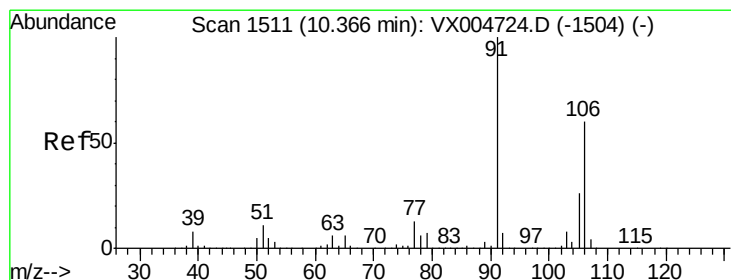
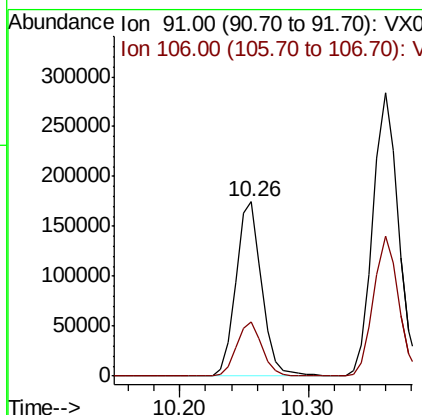
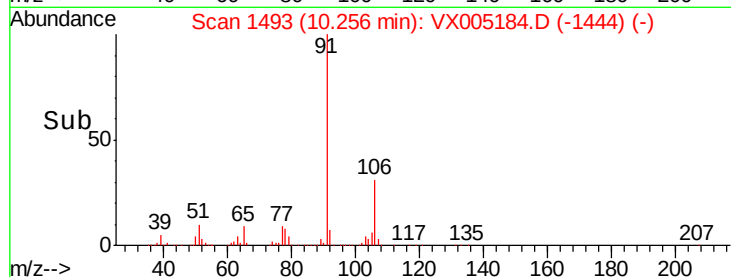
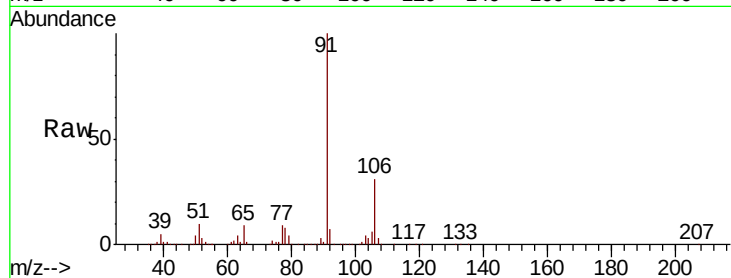




#67
Ethyl Benzene
Concen: 21.881 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

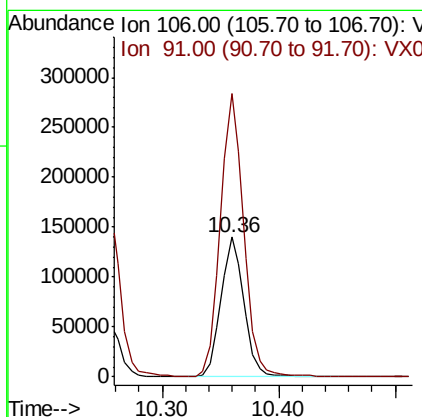
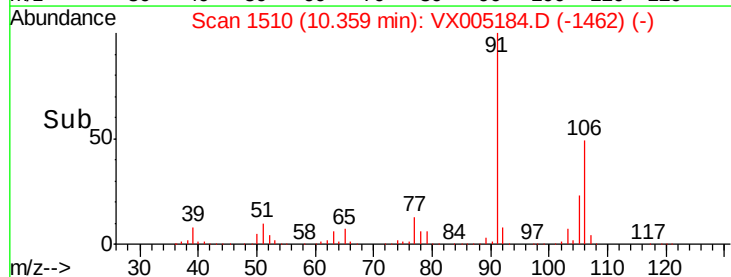
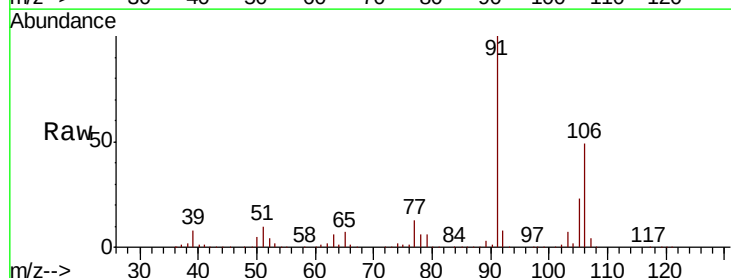
Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

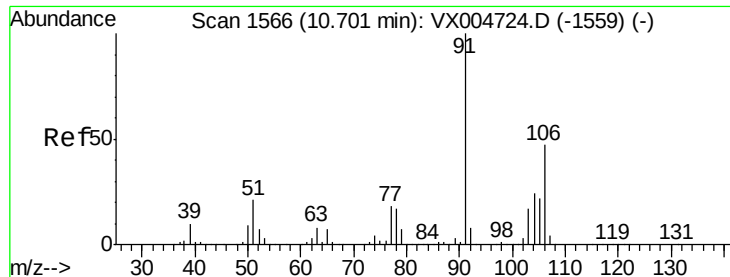
Tot Ion: 91 Resp: 243457
Ion Ratio Lower Upper
91 100
106 31.0 26.9 40.3



#68
m/p-Xylenes
Concen: 43.852 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

Tgt Ion: 106 Resp: 190667
Ion Ratio Lower Upper
106 100
91 205.8 157.5 236.3

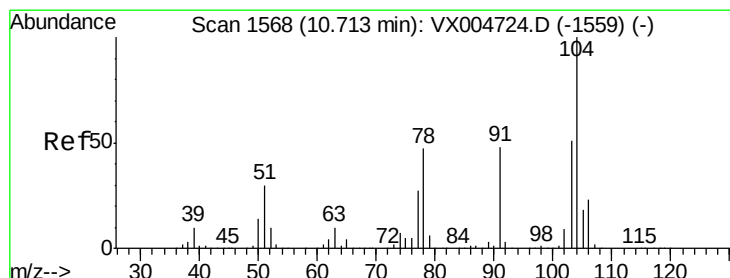
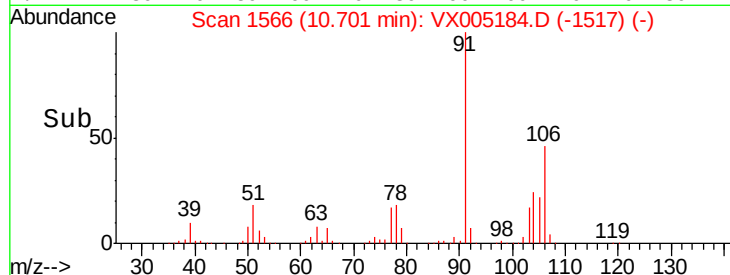
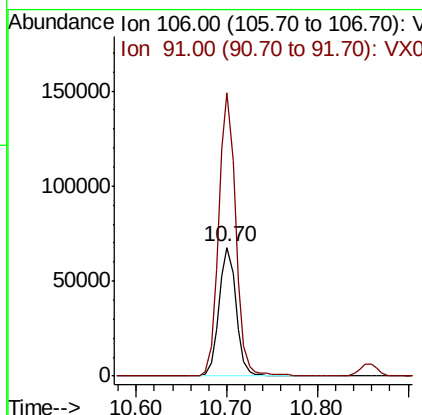
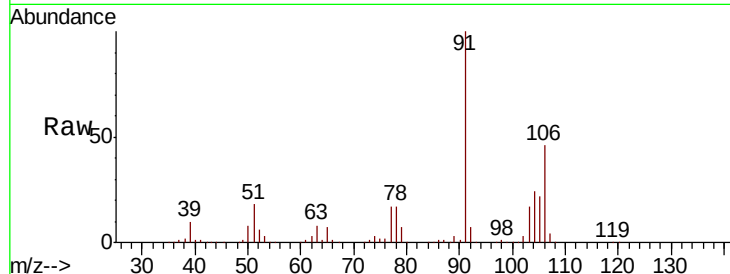




#69
o-Xylene
Concen: 22.542 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

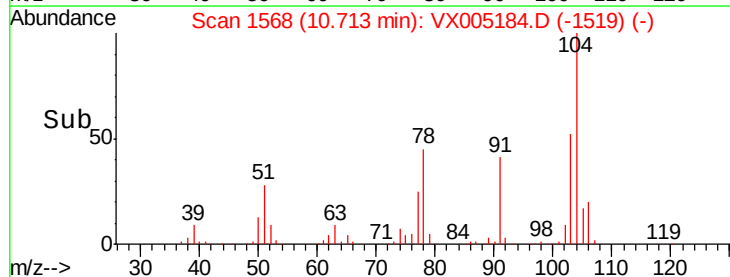
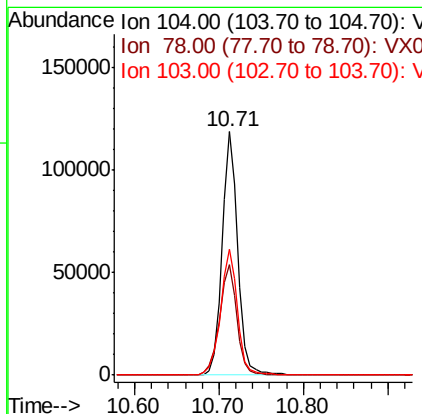
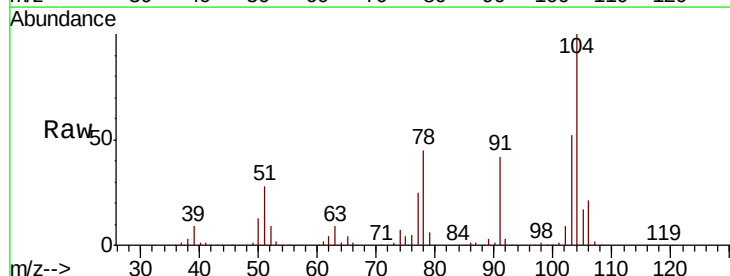
Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

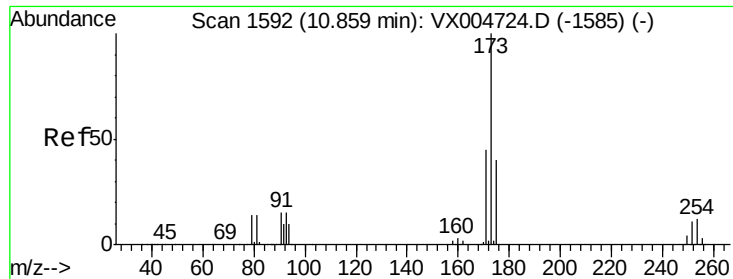
Tot Ion:106 Resp: 90022
Ion Ratio Lower Upper
106 100
91 218.9 108.3 324.8



#70
Styrene
Concen: 21.719 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

Tgt Ion:104 Resp: 152776
Ion Ratio Lower Upper
104 100
78 50.6 40.0 60.0
103 56.2 44.3 66.5





#71

Bromoform

Concen: 21.092 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS02

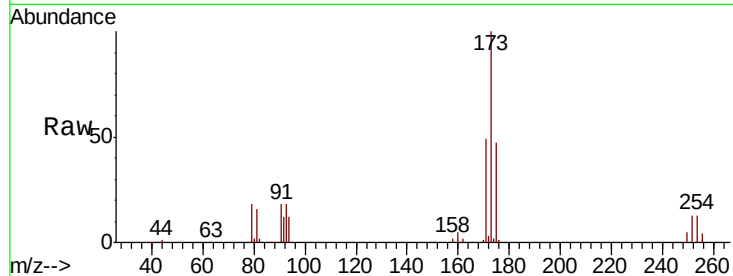
Tot Ion:173 Resp: 44491

Ion Ratio Lower Upper

173 100

175 48.4 23.3 69.8

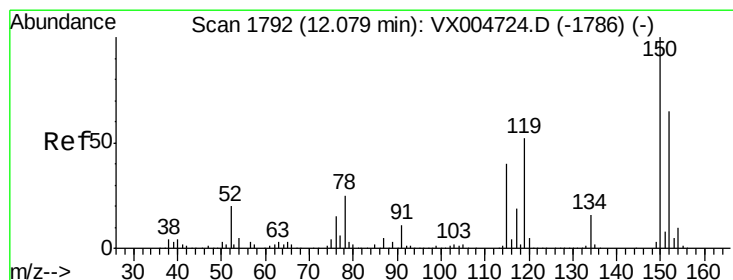
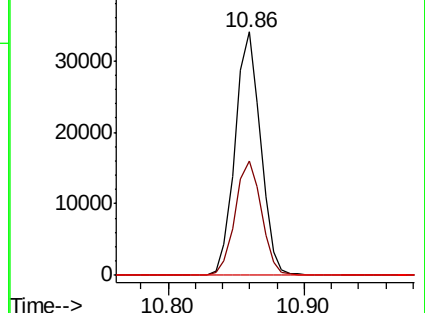
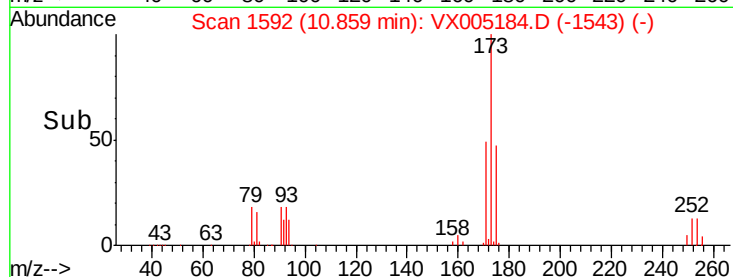
254 0.2 0.2 0.2



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: VX005184.D

Acq: 10 Oct 2018 03:25

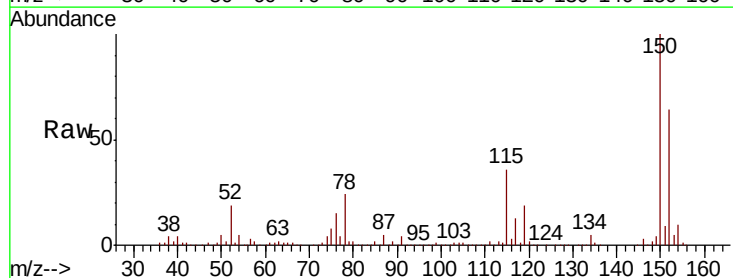
Tgt Ion:152 Resp: 169962

Ion Ratio Lower Upper

152 100

115 65.3 40.2 120.6

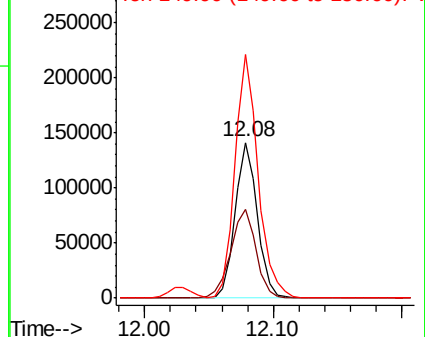
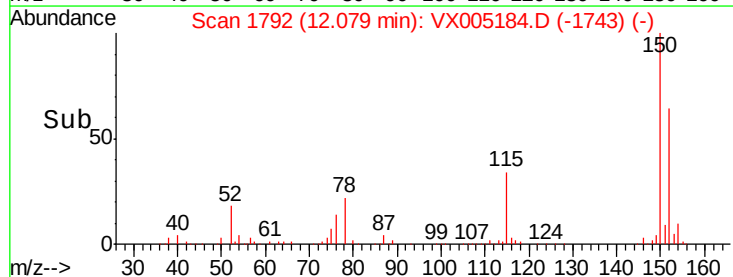
150 164.4 0.0 351.0

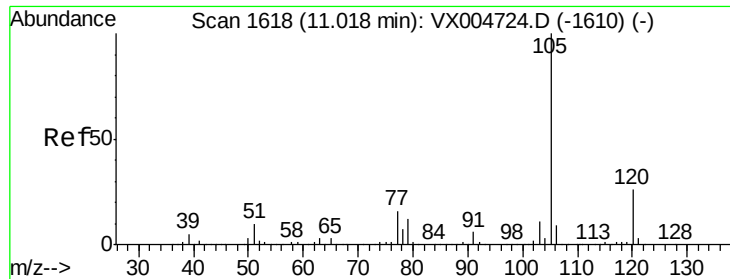


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 23.283 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Instrument :

MSVOA_X

ClientSampleId :

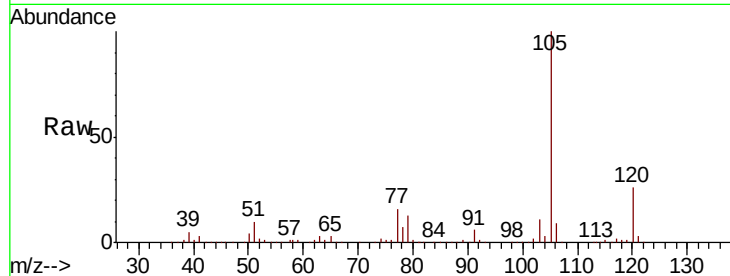
VX1009WBS02

Tot Ion: 105 Resp: 249430

Ion Ratio Lower Upper

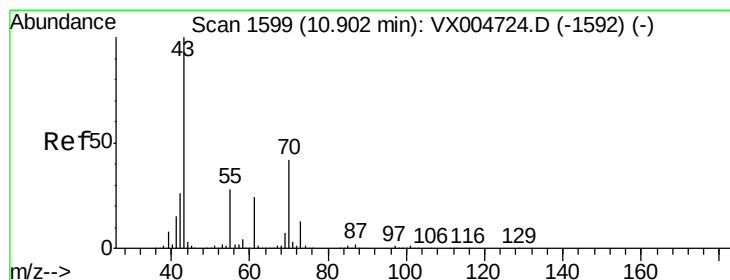
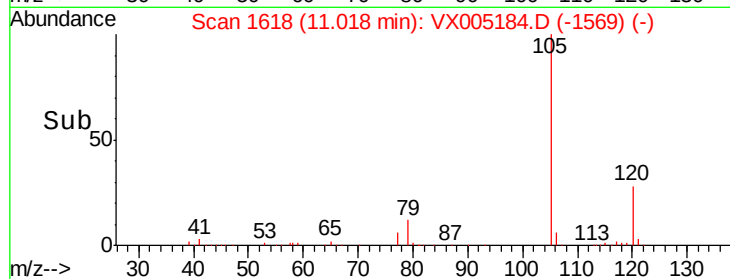
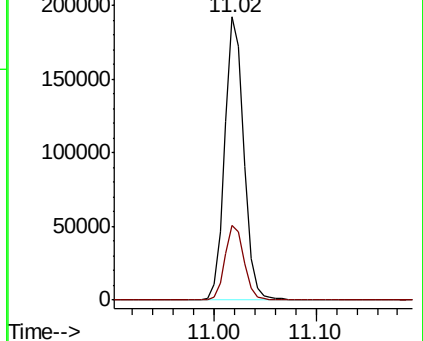
105 100

120 26.7 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.335 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Tgt Ion: 43 Resp: 113414

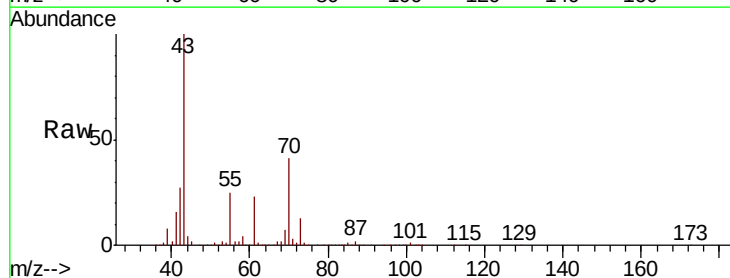
Ion Ratio Lower Upper

43 100

70 40.5 32.6 48.8

55 26.1 21.6 32.4

61 23.0 19.1 28.7

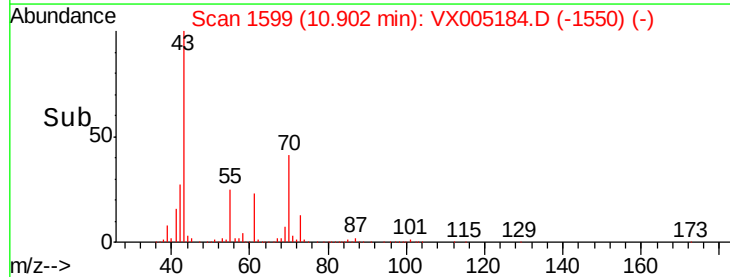
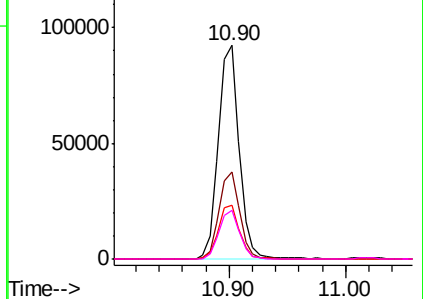


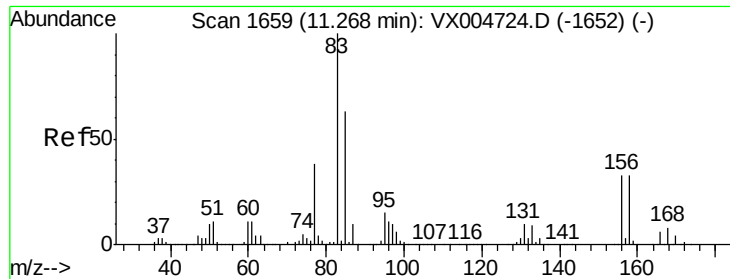
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.233 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS02

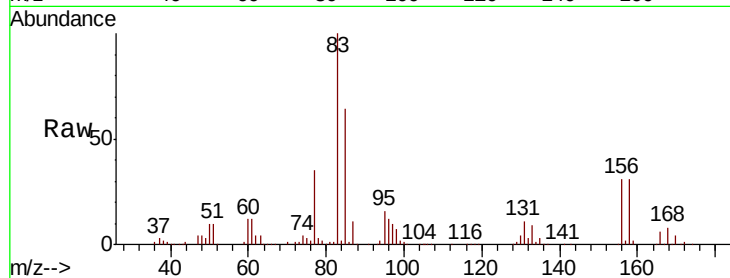
Tot Ion: 83 Resp: 88234

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.3

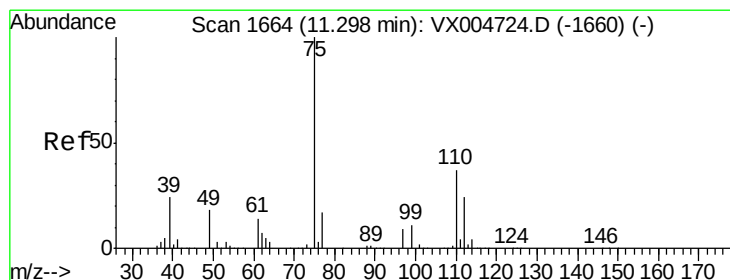
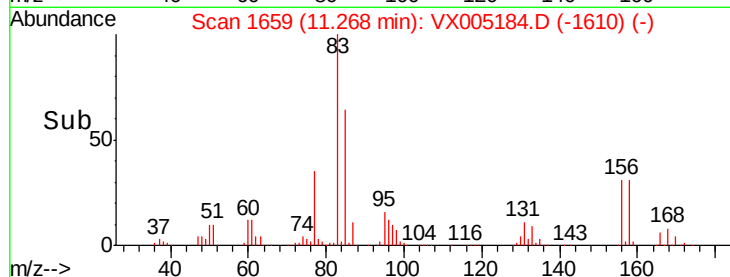
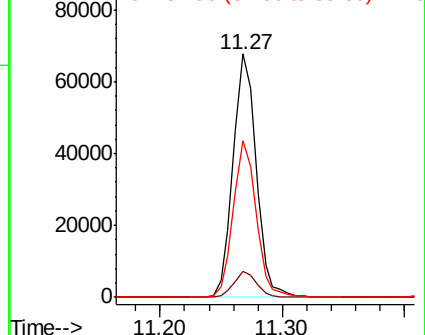
85 63.9 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX005184.D (-1610) (-)

Ion 130.80 (130.50 to 131.50): VX005184.D (-1610) (-)

Ion 84.90 (84.60 to 85.60): VX005184.D (-1610) (-)



#76

1,2,3-Trichloropropane

Concen: 25.549 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005184.D

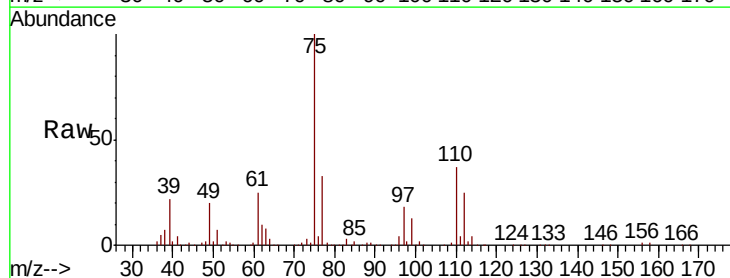
Acq: 10 Oct 2018 03:25

Tgt Ion: 75 Resp: 97328

Ion Ratio Lower Upper

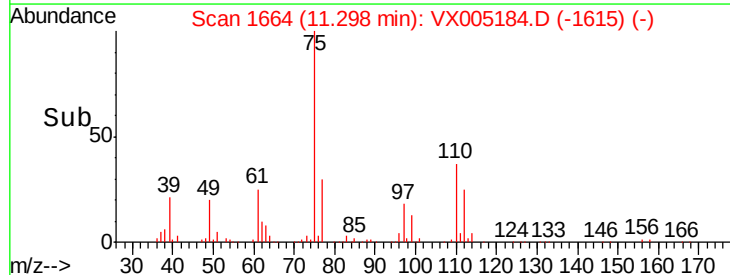
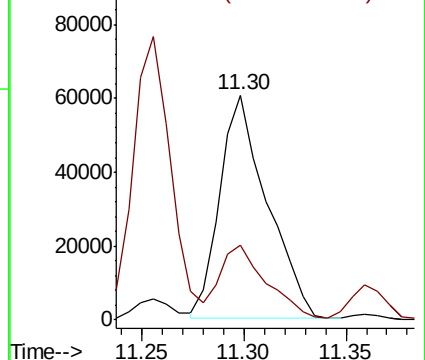
75 100

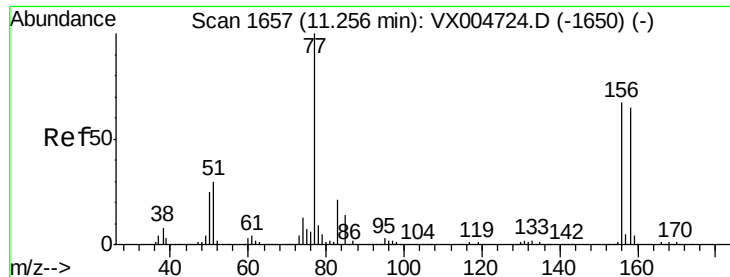
77 33.1 21.4 64.3



Abundance Ion 74.90 (74.60 to 75.60): VX005184.D (-1615) (-)

Ion 77.00 (76.70 to 77.70): VX005184.D (-1615) (-)





#77

Bromobenzene

Concen: 21.800 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS02

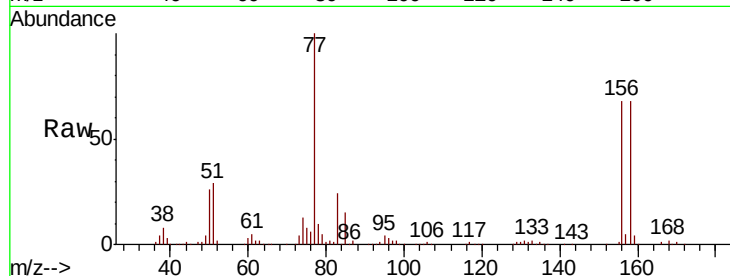
Tot Ion:156 Resp: 67835

Ion Ratio Lower Upper

156 100

77 146.4 73.4 220.2

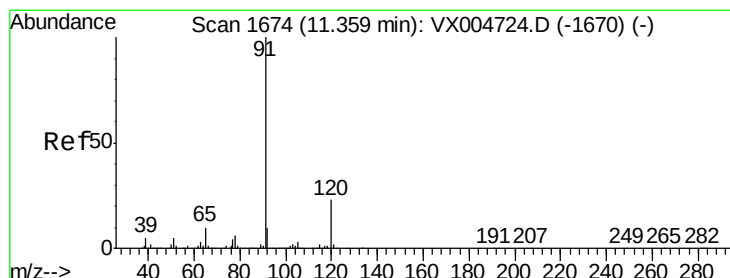
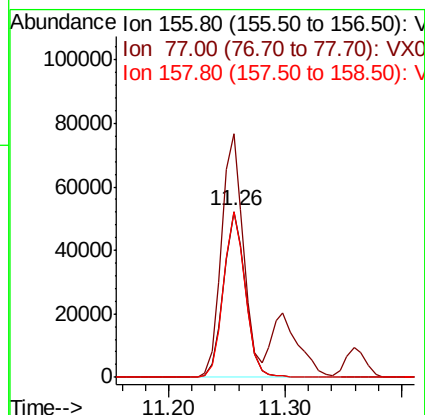
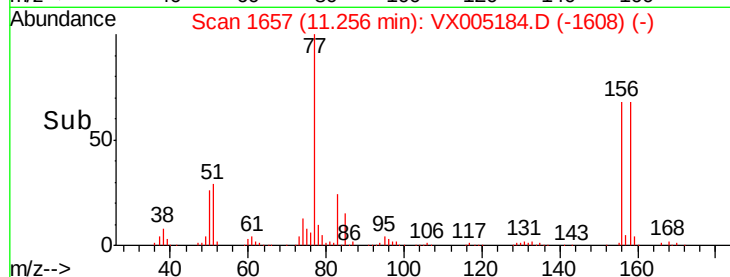
158 98.6 49.1 147.4



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: 23.247 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005184.D

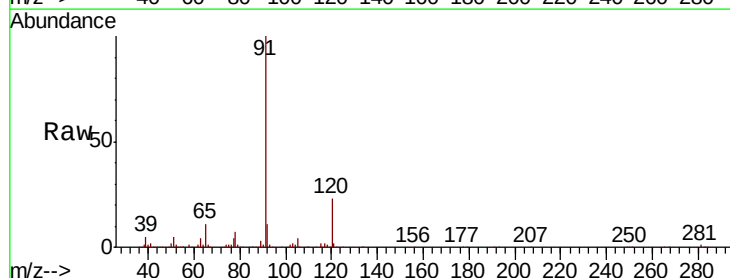
Acq: 10 Oct 2018 03:25

Tgt Ion: 91 Resp: 285752

Ion Ratio Lower Upper

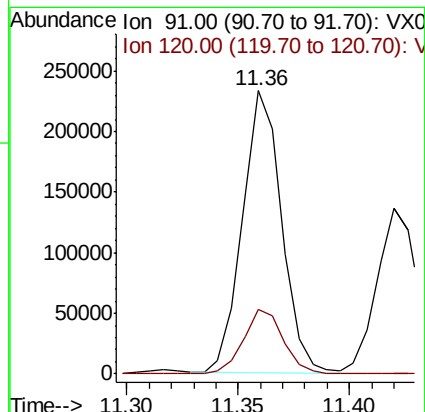
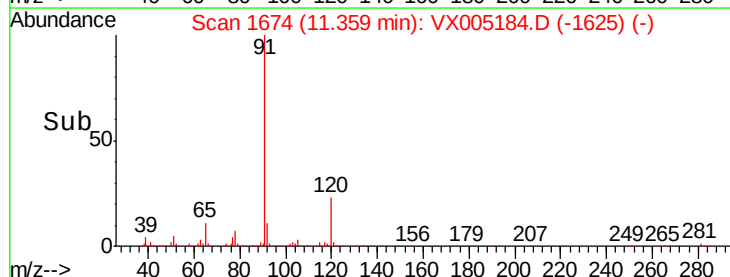
91 100

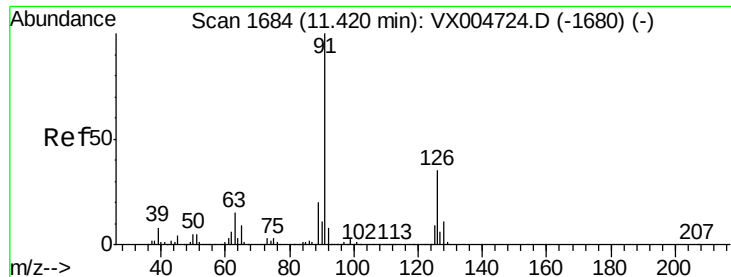
120 23.5 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.640 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Instrument :

MSVOA_X

ClientSampled :

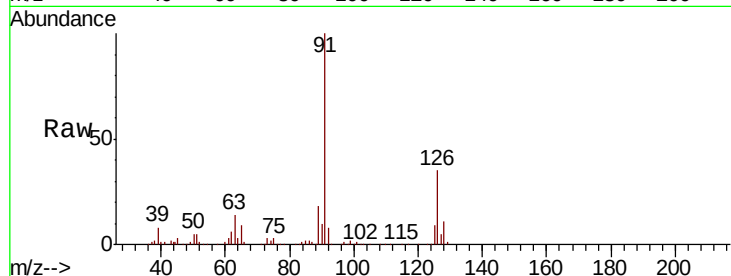
VX1009WBS02

Tot Ion: 91 Resp: 173459

Ion Ratio Lower Upper

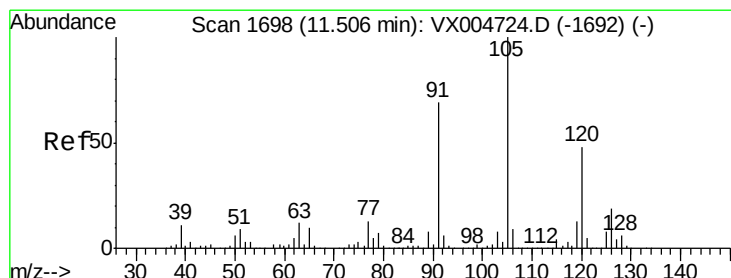
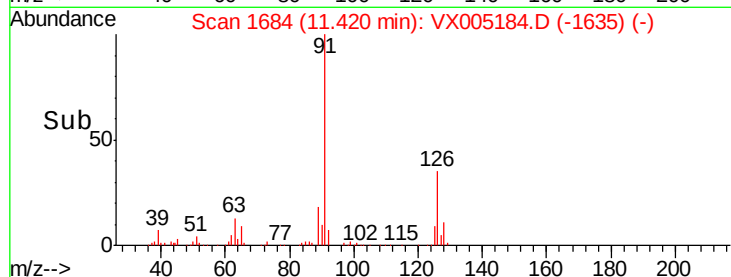
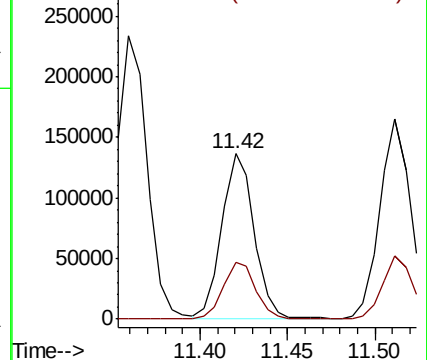
91 100

126 35.1 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.575 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005184.D

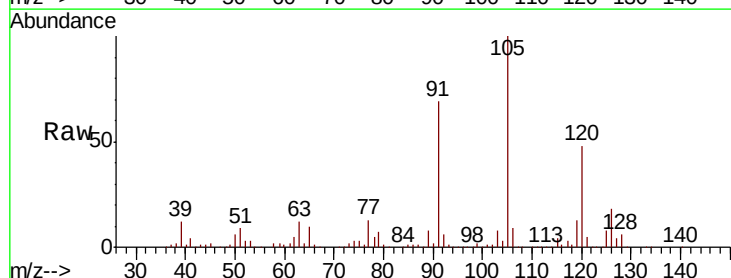
Acq: 10 Oct 2018 03:25

Tgt Ion:105 Resp: 212946

Ion Ratio Lower Upper

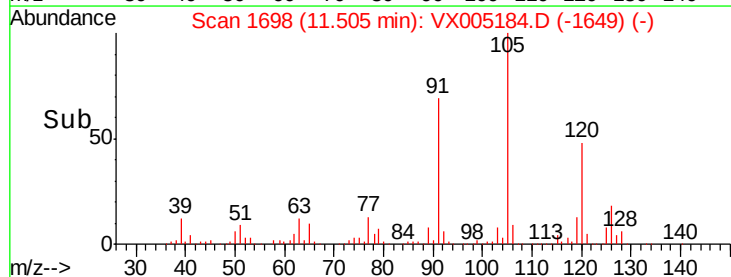
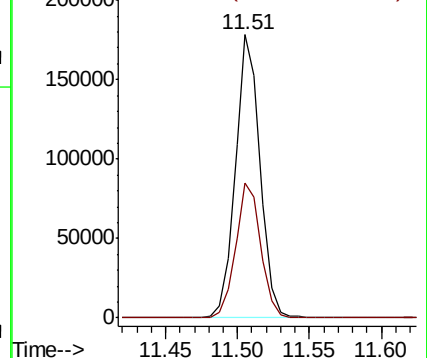
105 100

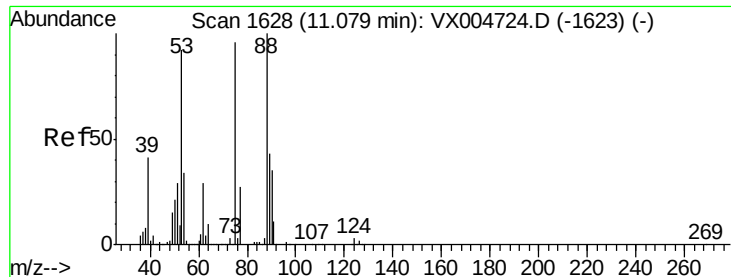
120 48.6 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 15.859 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS02

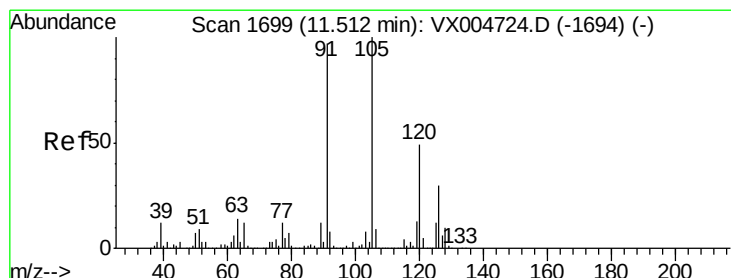
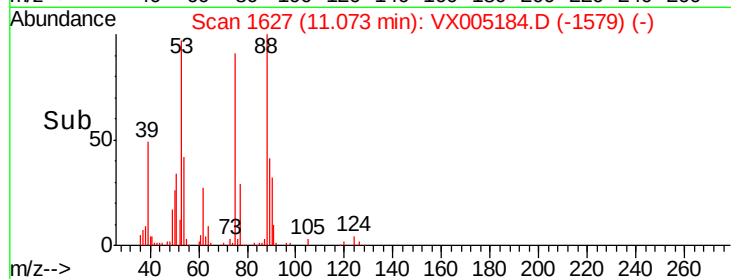
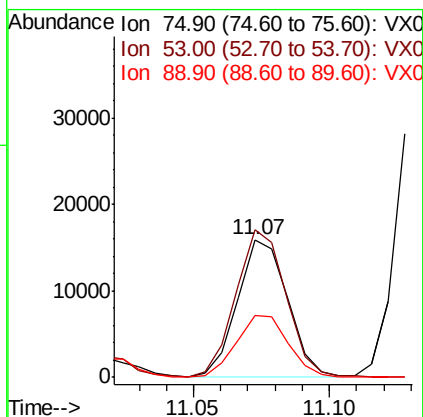
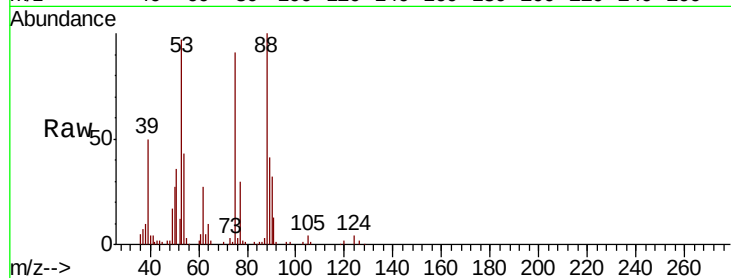
Tot Ion: 75 Resp: 20177

Ion Ratio Lower Upper

75 100

53 108.8 80.2 120.4

89 47.1 37.1 55.7



#82

4-Chlorotoluene

Concen: 22.585 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005184.D

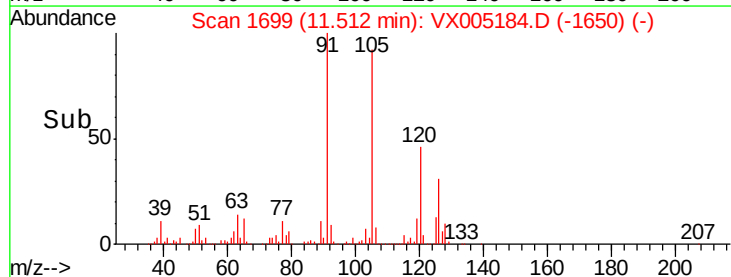
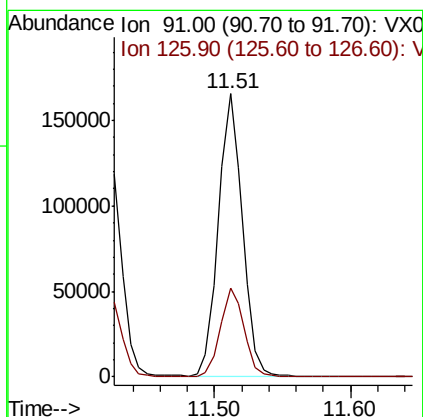
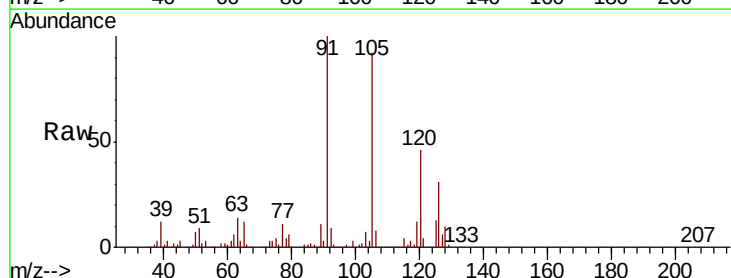
Acq: 10 Oct 2018 03:25

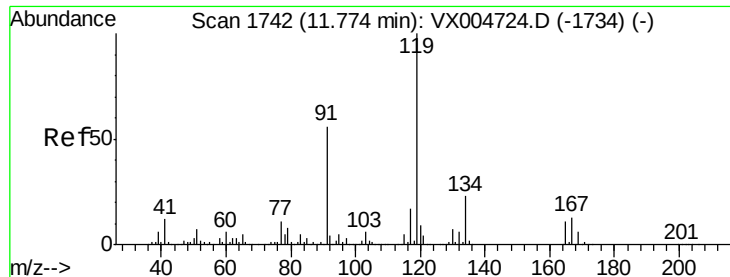
Tgt Ion: 91 Resp: 203676

Ion Ratio Lower Upper

91 100

126 30.9 15.5 46.5

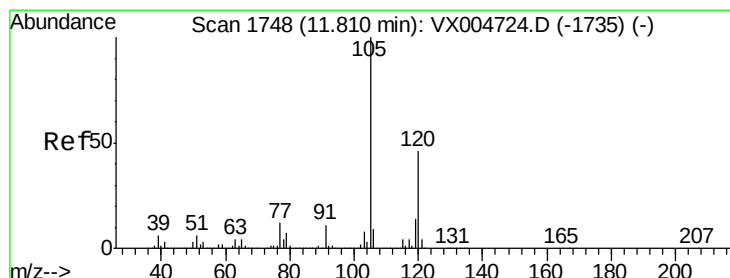
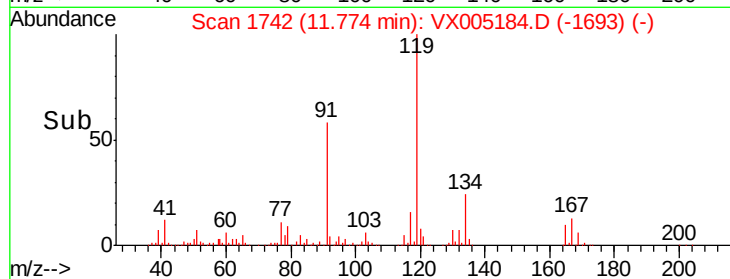
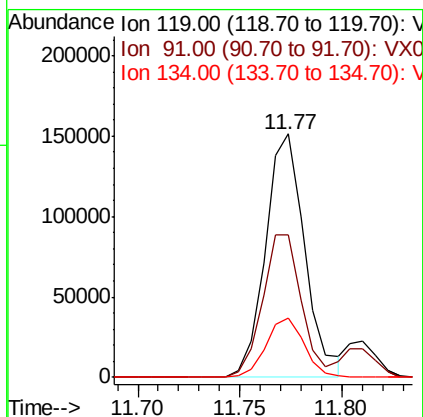
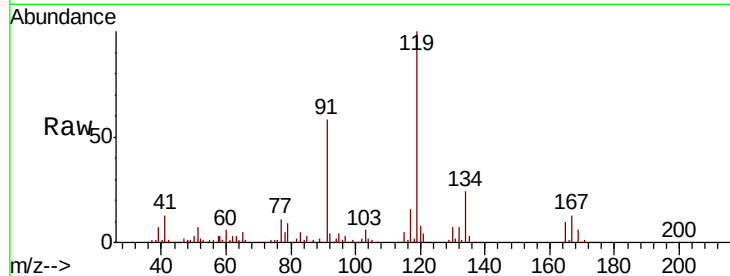




#83
 tert-Butylbenzene
 Concen: 23.105 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005184.D
 Acq: 10 Oct 2018 03:25

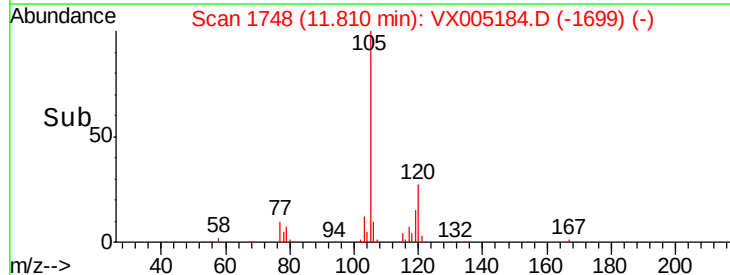
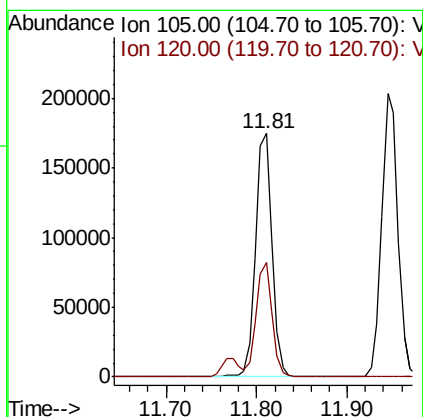
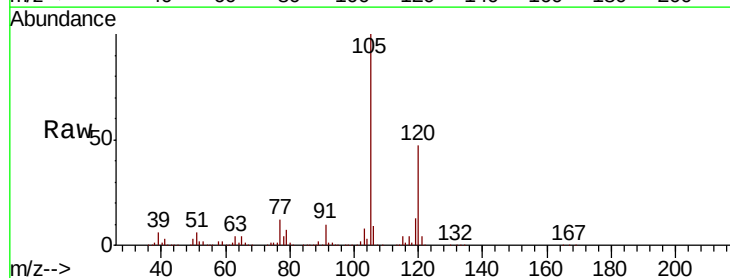
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS02

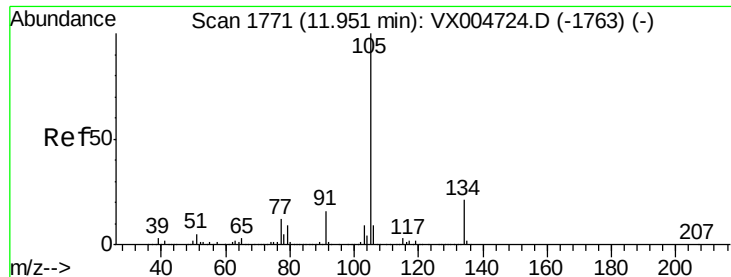
Tot Ion:119 Resp: 203789
 Ion Ratio Lower Upper
 119 100
 91 57.4 27.5 82.5
 134 23.6 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 21.615 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005184.D
 Acq: 10 Oct 2018 03:25

Tgt Ion:105 Resp: 220007
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.8 68.3





#85

sec-Butylbenzene

Concen: 23.473 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Instrument :

MSVOA_X

ClientSampleId :

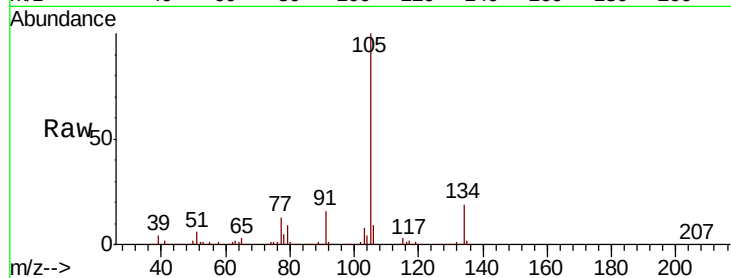
VX1009WBS02

Tot Ion:105 Resp: 252177

Ion Ratio Lower Upper

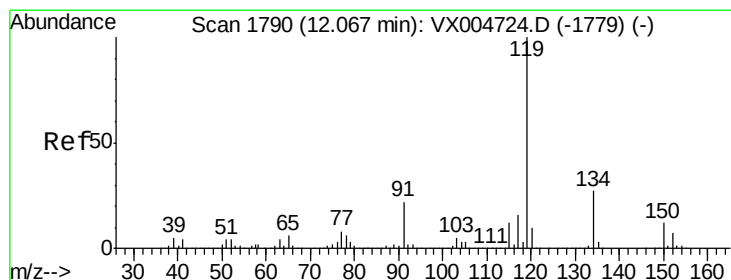
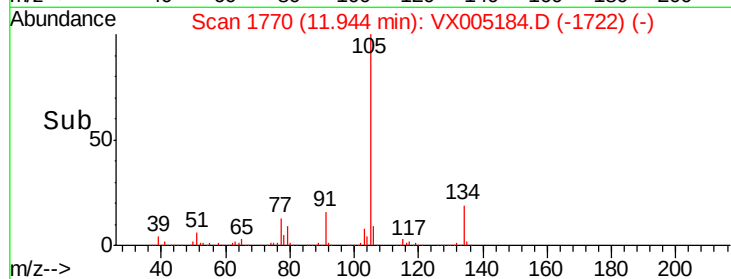
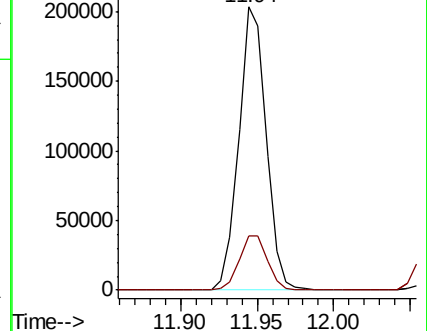
105 100

134 20.0 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.932 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

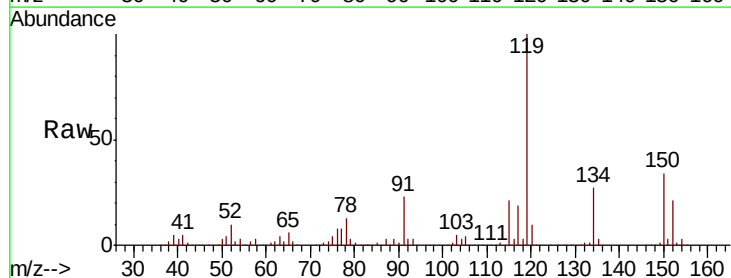
Tgt Ion:119 Resp: 223206

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

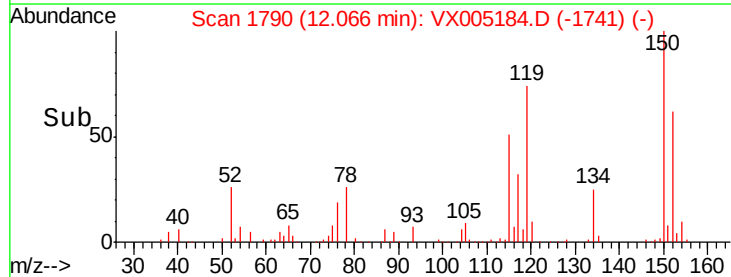
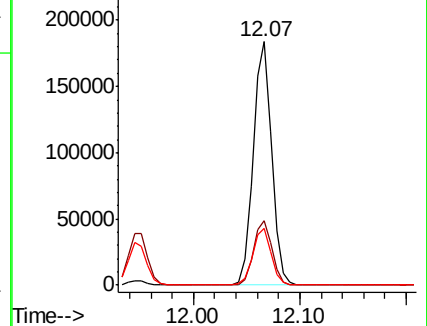
91 23.5 11.5 34.4

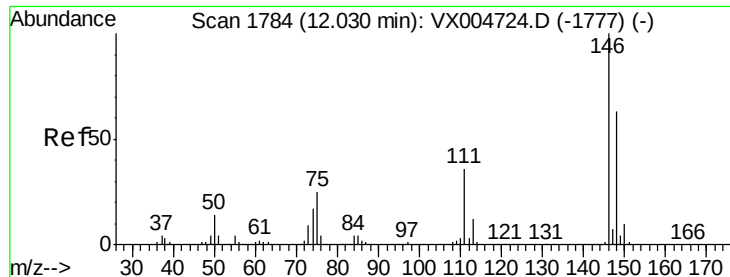


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

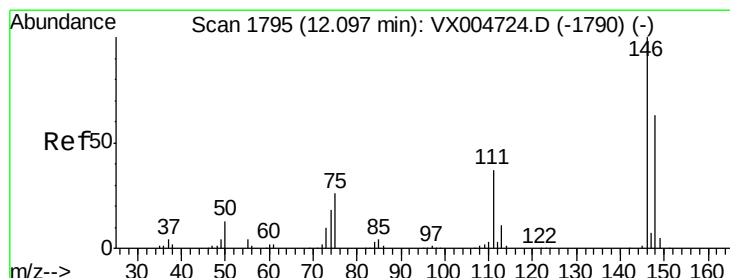
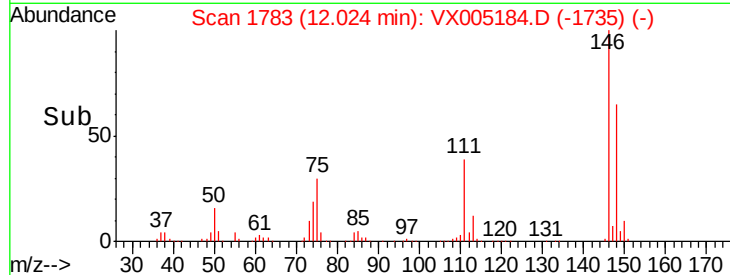
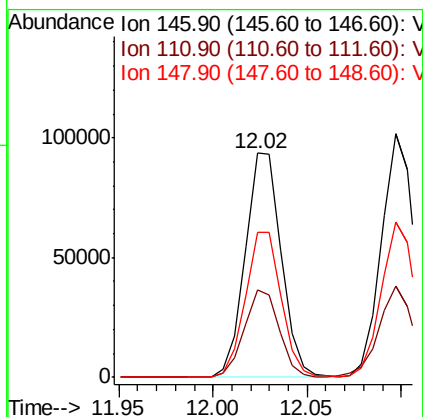
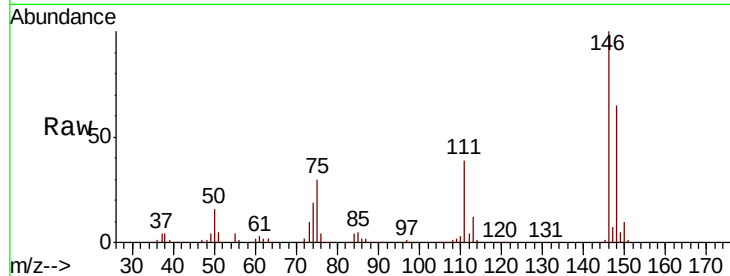




#87
 1,3-Dichlorobenzene
 Concen: 21.423 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX005184.D
 Acq: 10 Oct 2018 03:25

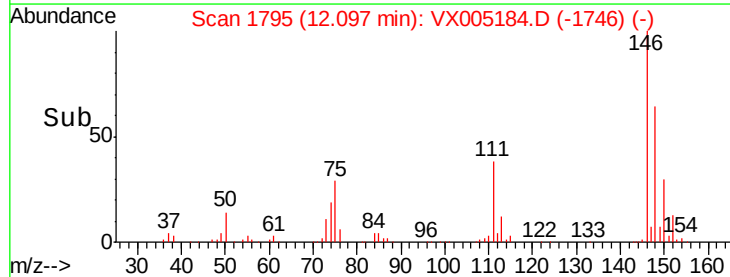
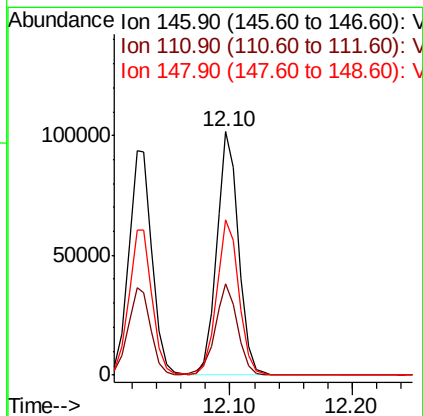
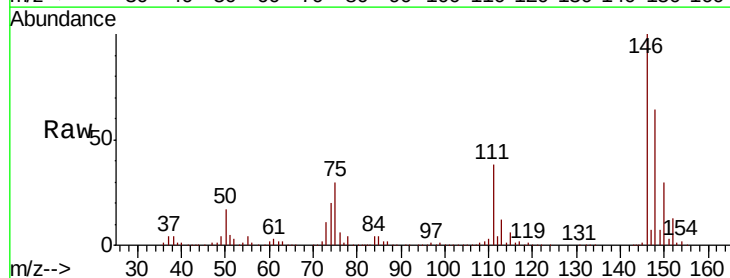
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS02

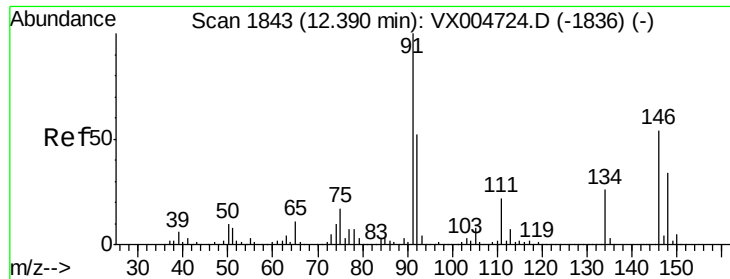
Tot Ion:146 Resp: 124473
 Ion Ratio Lower Upper
 146 100
 111 38.1 18.9 56.9
 148 64.6 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 21.048 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005184.D
 Acq: 10 Oct 2018 03:25

Tgt Ion:146 Resp: 126247
 Ion Ratio Lower Upper
 146 100
 111 38.6 18.4 55.2
 148 64.9 32.0 96.0

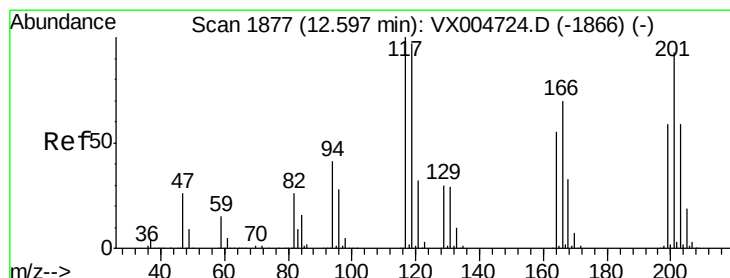
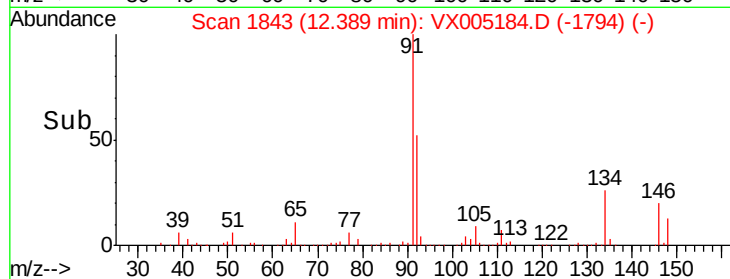
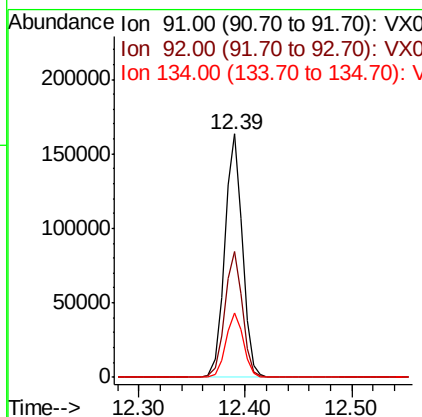
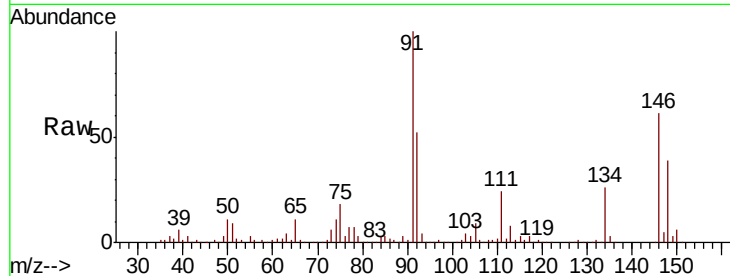




#89
n-Butylbenzene
Concen: 21.434 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

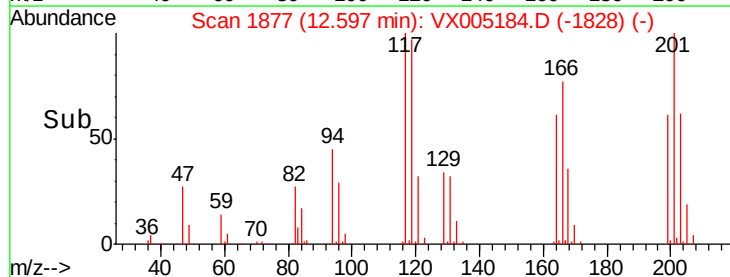
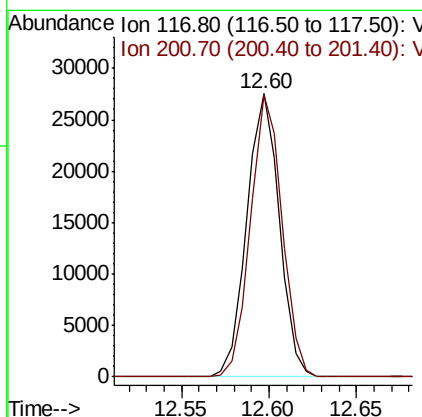
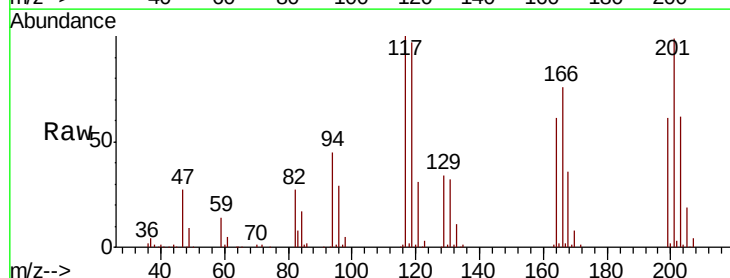
Instrument :
MSVOA_X
ClientSampled :
VX1009WBS02

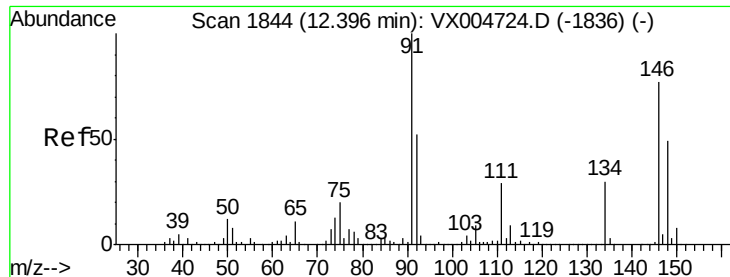
Tot Ion: 91 Resp: 189474
Ion Ratio Lower Upper
91 100
92 51.3 26.0 78.0
134 26.5 13.2 39.6



#90
Hexachloroethane
Concen: 21.901 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

Tgt Ion: 117 Resp: 35493
Ion Ratio Lower Upper
117 100
201 96.8 48.4 145.0





#91

1,2-Dichlorobenzene

Concen: 20.786 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Instrument :

MSVOA_X

ClientSampled :

VX1009WBS02

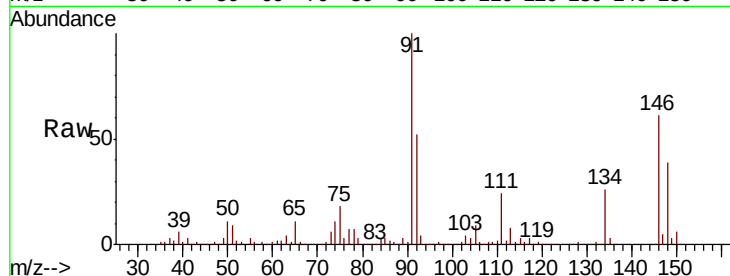
Tot Ion:146 Resp: 126215

Ion Ratio Lower Upper

146 100

111 39.3 19.6 58.7

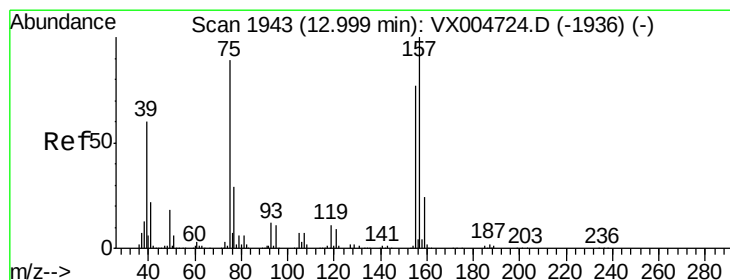
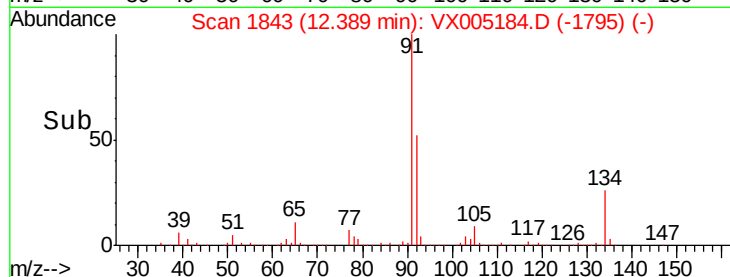
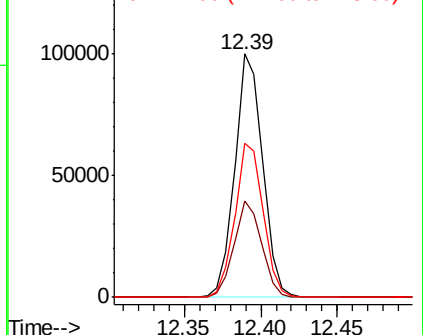
148 64.2 31.8 95.4



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: 22.016 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

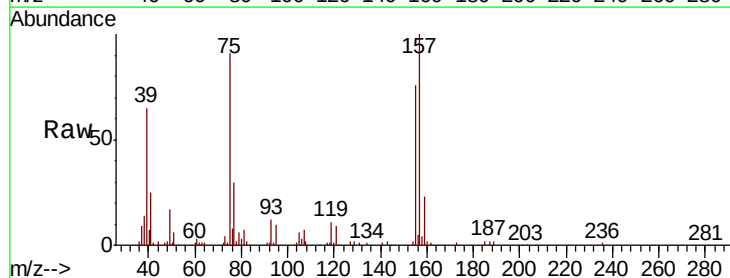
Tgt Ion: 75 Resp: 21081

Ion Ratio Lower Upper

75 100

155 90.5 46.1 138.3

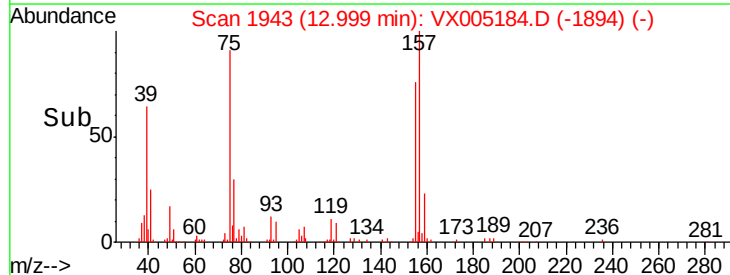
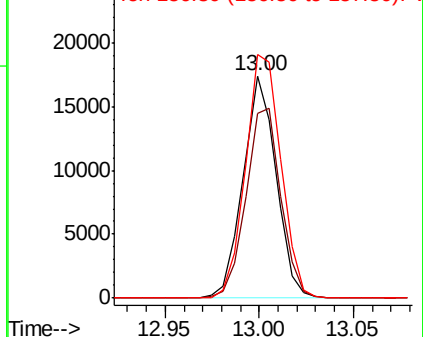
157 118.2 60.2 180.6

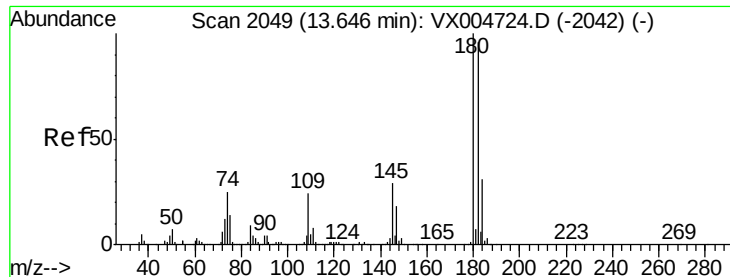


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

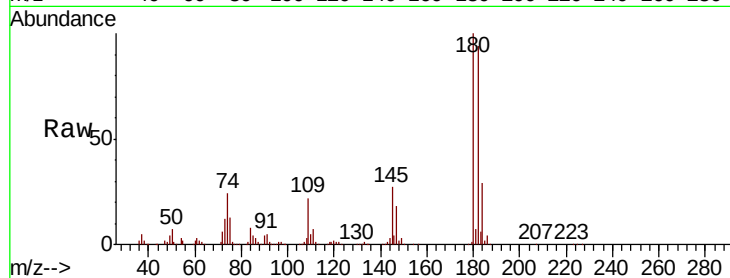




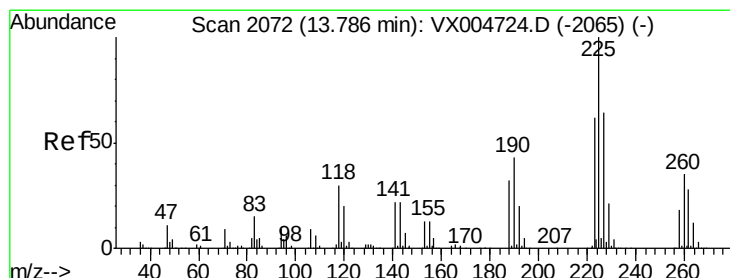
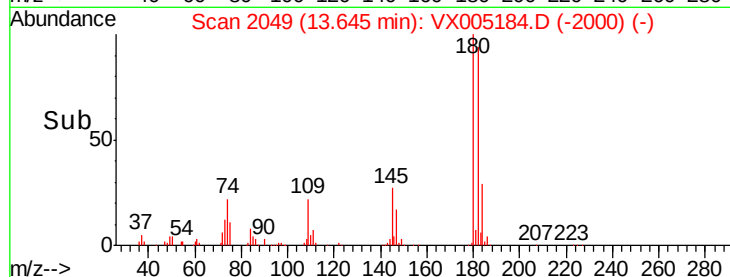
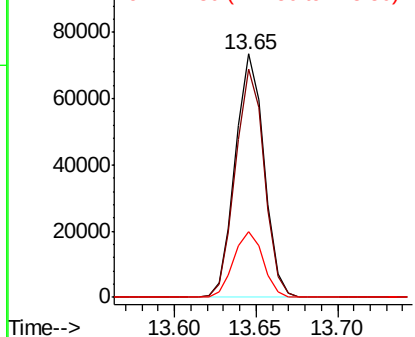
#93
 1,2,4-Trichlorobenzene
 Concen: 21.257 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005184.D
 Acq: 10 Oct 2018 03:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS02

Tot Ion:180 Resp: 90542
 Ion Ratio Lower Upper
 180 100
 182 93.9 47.8 143.4
 145 27.6 14.1 42.4

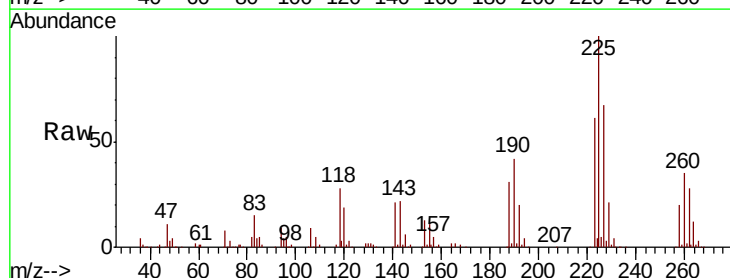


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

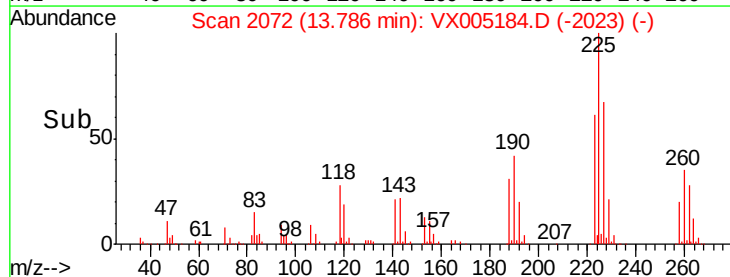
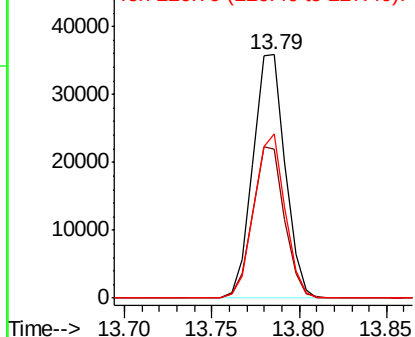


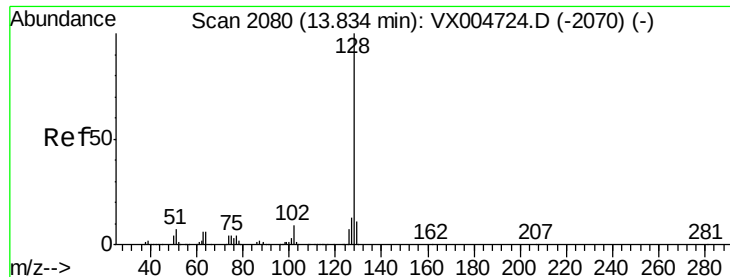
#94
 Hexachlorobutadiene
 Concen: 20.870 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005184.D
 Acq: 10 Oct 2018 03:25

Tgt Ion:225 Resp: 46097
 Ion Ratio Lower Upper
 225 100
 223 61.3 31.3 93.8
 227 64.3 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

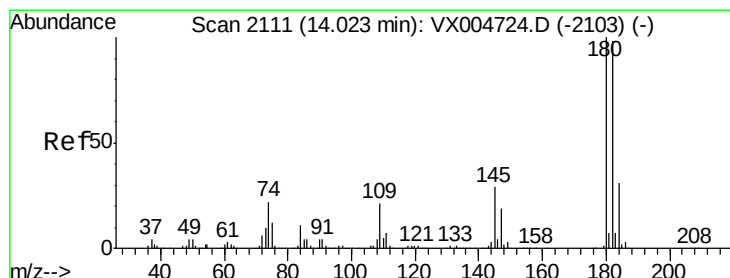
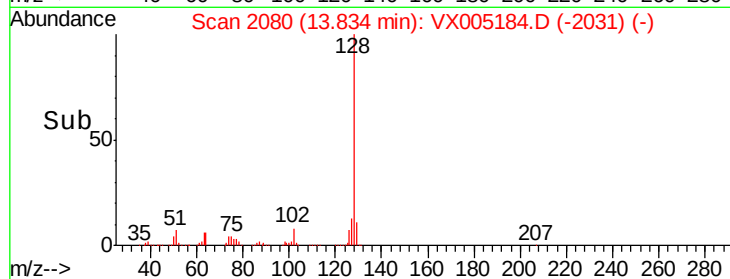
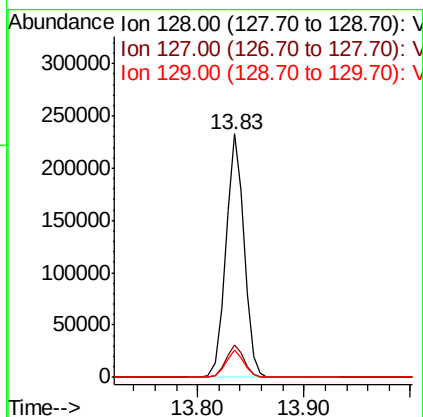
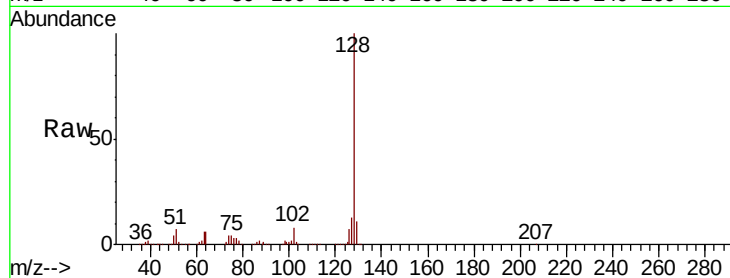




#95
Naphthalene
Concen: 20.149 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Tot Ion:128 Resp: 278696
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.913 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

Tgt Ion:180 Resp: 96420
Ion Ratio Lower Upper
180 100
182 94.3 47.9 143.8
145 29.0 15.0 45.0

