

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX005008.D
 Acq On : 04 Oct 2018 09:34
 Operator : JC/MD
 Sample : PB113446TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 04 11:36:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	263118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	411816	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	400439	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	235359	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	189571	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
35) Dibromofluoromethane	5.50	113	163953	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	
50) Toluene-d8	8.72	98	584015	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
62) 4-Bromofluorobenzene	11.14	95	225973	54.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.12%	

Target Compounds

					Qvalue	
3) Chloromethane	1.32	50	894	0.205	ug/l #	84
6) Chloroethane	1.70	64	27	Below Cal	#	1
8) Diethyl Ether	2.19	74	496	0.226	ug/l	86
11) Tert butyl alcohol	3.03	59	10323	9.823	ug/l #	78
13) Acrolein	2.30	56	163	0.218	ug/l #	39
16) Acetone	2.45	43	60119	27.397	ug/l #	84
18) Methyl Acetate	2.78	43	10798	1.942	ug/l	99
20) Methylene Chloride	2.85	84	15889	4.212	ug/l	94
25) 2-Butanone	4.70	43	44107	13.636	ug/l	99
26) 2,2-Dichloropropane	4.75	77	984	0.226	ug/l #	50
29) Tetrahydrofuran	5.17	42	2060	1.025	ug/l #	85
36) 1,1-Dichloropropene	5.66	75	17366	3.647	ug/l #	46
37) Ethyl Acetate	4.70	43	44107	6.978	ug/l #	70
38) Carbon Tetrachloride	5.66	117	23094	4.614	ug/l #	17
40) Benzene	6.14	78	9101	0.610	ug/l	95
42) 1,2-Dichloroethane	6.20	62	1063	0.202	ug/l #	73
43) Isopropyl Acetate	6.46	43	227700	24.958	ug/l	95
48) Methyl methacrylate	7.69	41	9513	2.297	ug/l #	24
51) 4-Methyl-2-Pentanone	8.65	43	7397	1.288	ug/l	91
52) Toluene	8.79	92	28035	3.422	ug/l	98
54) cis-1,3-Dichloropropene	8.62	75	1495	0.294	ug/l #	57
56) Ethyl methacrylate	9.07	69	301	2.911	ug/l #	79
58) 2-Chloroethyl Vinyl ether	8.35	63	19	14.248	ug/l #	49
59) 2-Hexanone	9.50	43	7782	1.626	ug/l	93
67) Ethyl Benzene	10.25	91	32267	1.979	ug/l	99
68) m/p-Xylenes	10.36	106	68312	10.723	ug/l	96
69) o-Xylene	10.70	106	47735	8.158	ug/l	99
70) Styrene	10.70	104	2686	2.375	ug/l #	1
73) Isopropylbenzene	11.02	105	6126	0.413	ug/l	99
74) N-amyl acetate	10.94	43	4585	2.291	ug/l #	56
76) 1,2,3-Trichloropropane	11.14	75	109646	20.785	ug/l #	35
78) n-propylbenzene	11.36	91	40227	2.363	ug/l	98
79) 2-Chlorotoluene	11.43	91	35420	3.338	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.51	105	165615	12.030	ug/l	100

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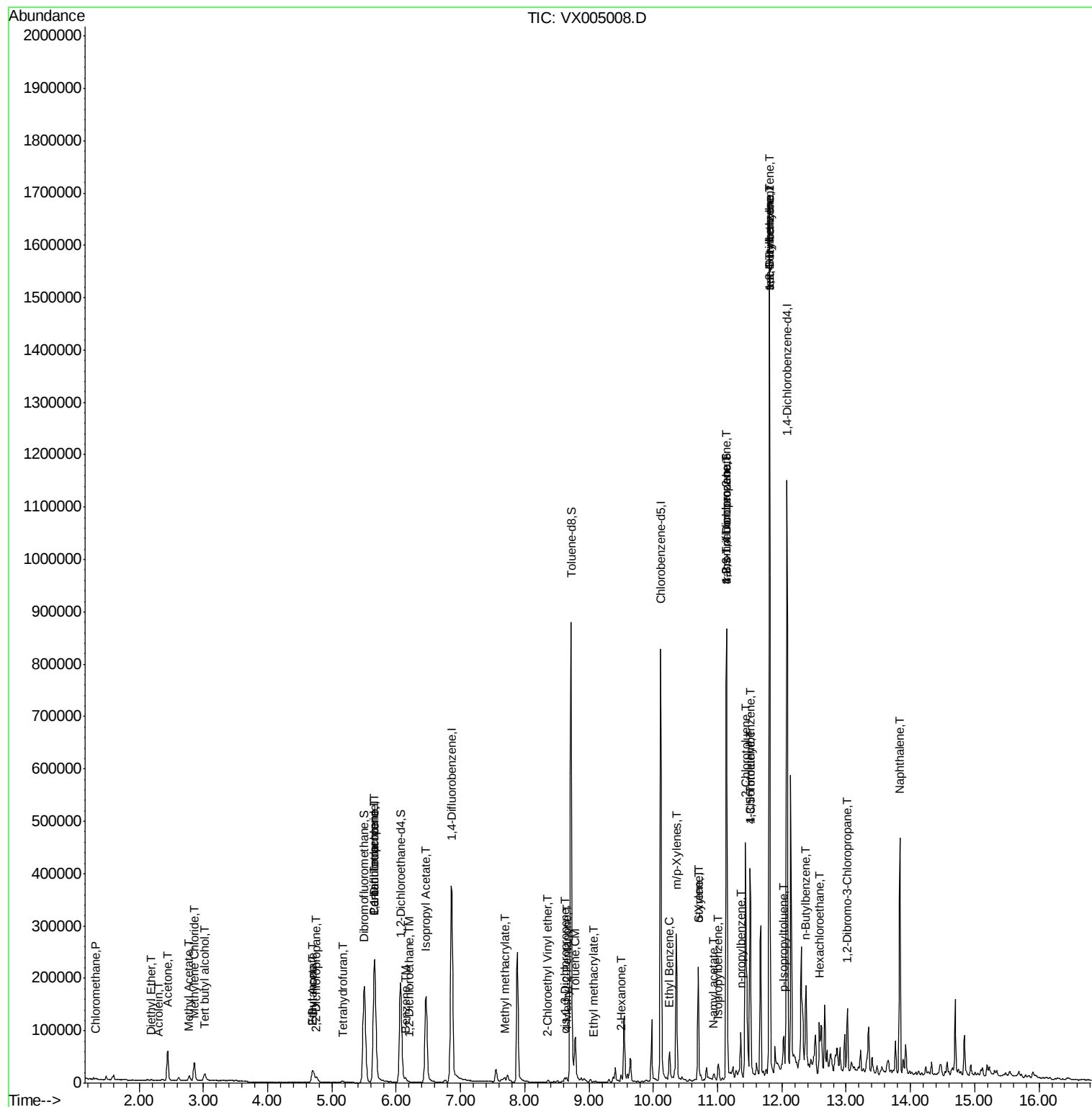
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	11.14	75	109646	56.423	ug/l #	10
82) 4-Chlorotoluene	11.51	91	16927	1.355	ug/l #	51
83) tert-Butylbenzene	11.81	119	94526	7.739	ug/l #	61
84) 1,2,4-Trimethylbenzene	11.81	105	755751	53.913	ug/l	100
85) sec-Butylbenzene	11.81	105	755751	50.799	ug/l #	56
86) p-Isopropyltoluene	12.02	119	12508	0.928	ug/l	93
89) n-Butylbenzene	12.38	91	20867	1.705	ug/l #	14
90) Hexachloroethane	12.58	117	4668	2.080	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.02	75	480	0.362	ug/l #	19
95) Naphthalene	13.83	128	266493	14.136	ug/l	100

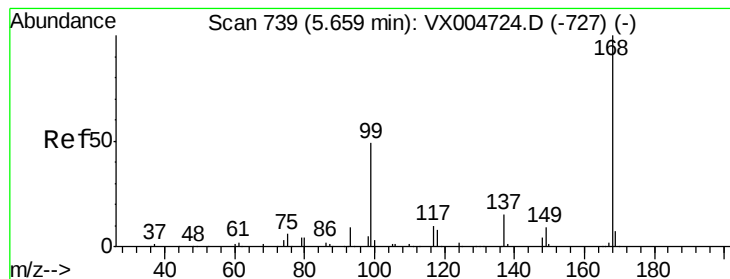
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX005008.D

Acq: 04 Oct 2018 09:34

Instrument :

MSVOA_X

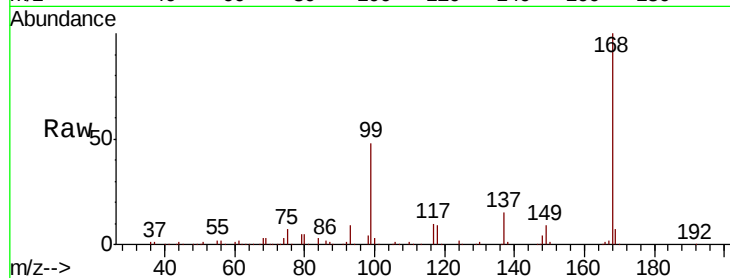
ClientSampled :

Tot Ion:168 Resp: 263118

Ion Ratio Lower Upper

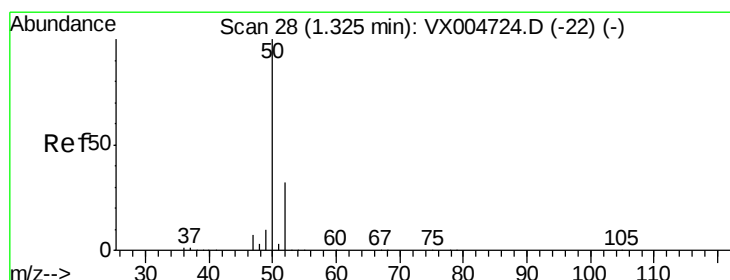
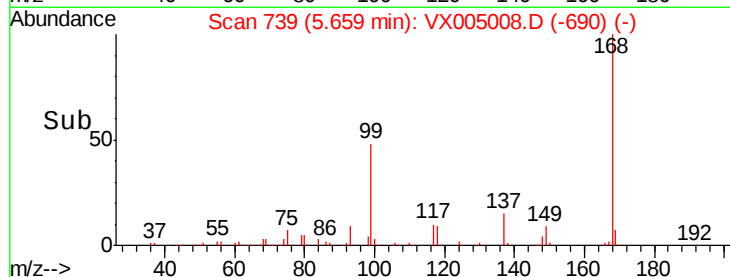
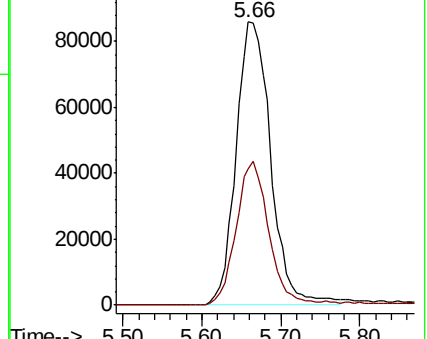
168 100

99 48.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.205 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005008.D

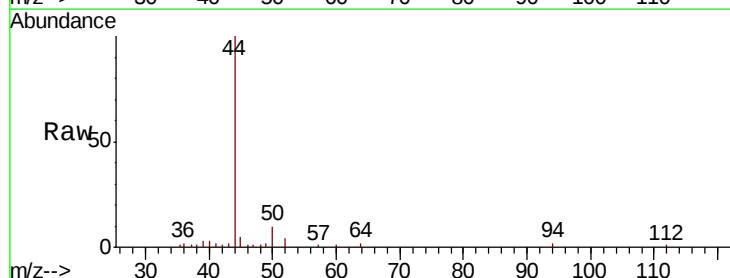
Acq: 04 Oct 2018 09:34

Tgt Ion: 50 Resp: 894

Ion Ratio Lower Upper

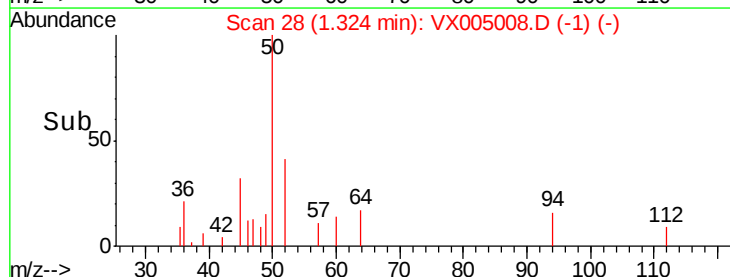
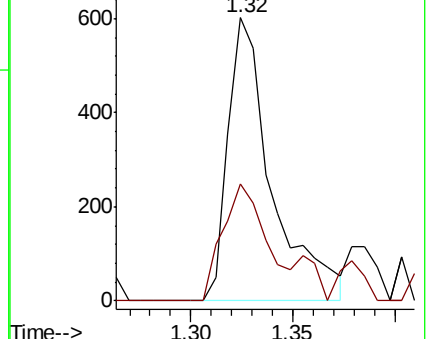
50 100

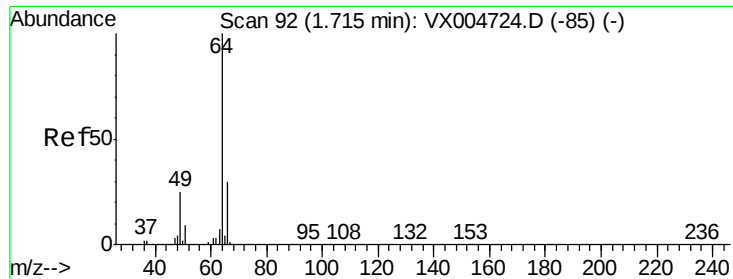
52 41.4 25.8 38.6#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#6

Chloroethane

Concen: Below Cal

RT: 1.70 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX005008.D

Acq: 04 Oct 2018 09:34

Instrument :

MSVOA_X

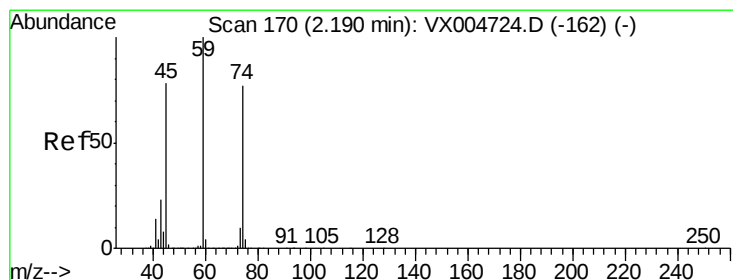
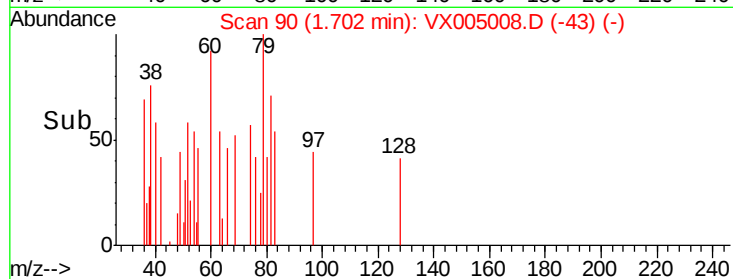
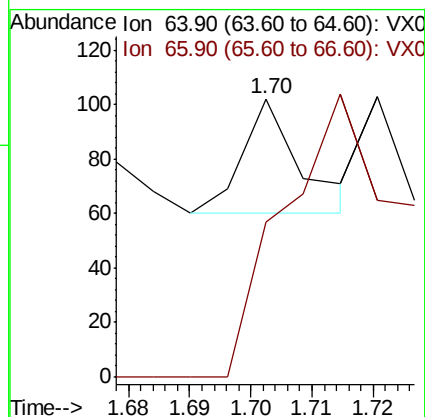
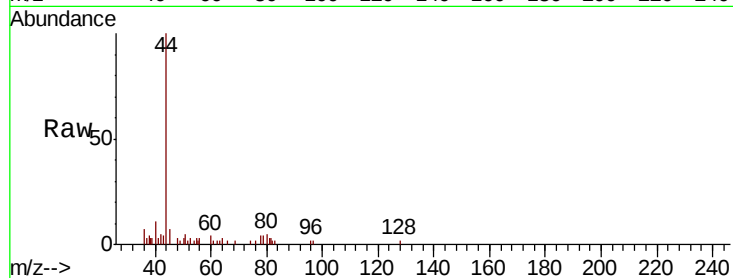
ClientSampleId :

Tot Ion: 64 Resp: 27

Ion Ratio Lower Upper

64 100

66 135.7 23.8 35.6#



#8

Diethyl Ether

Concen: 0.226 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX005008.D

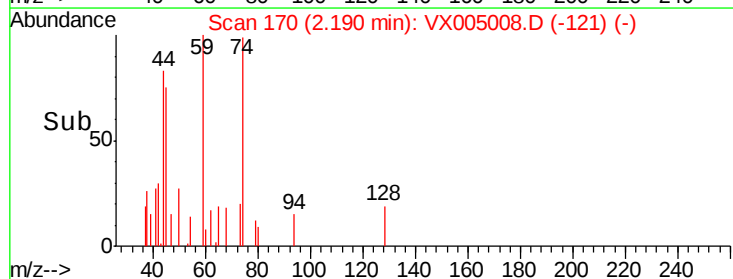
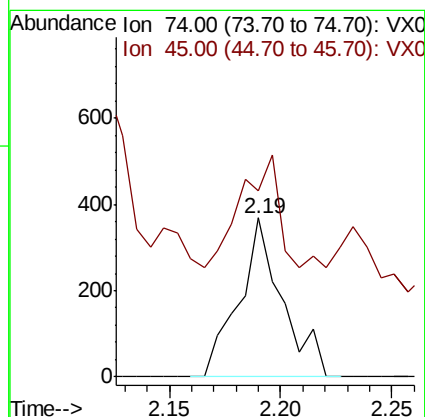
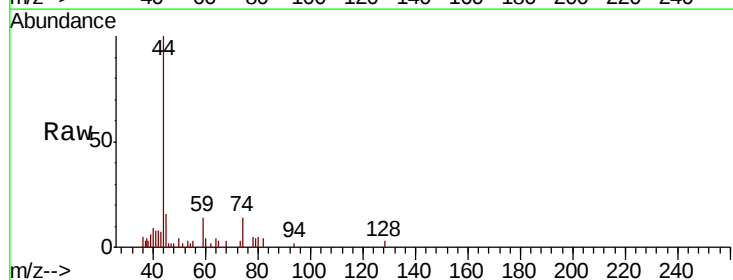
Acq: 04 Oct 2018 09:34

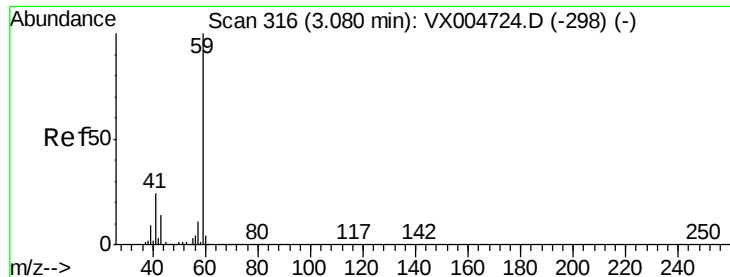
Tgt Ion: 74 Resp: 496

Ion Ratio Lower Upper

74 100

45 91.1 52.5 157.6

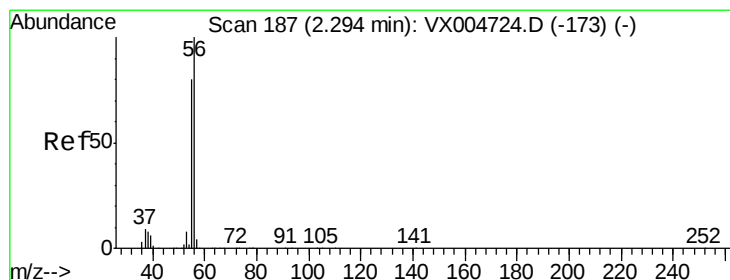
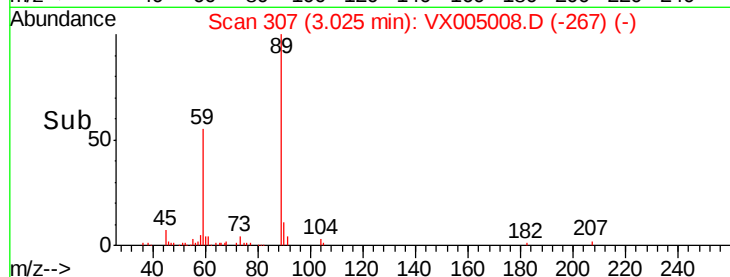
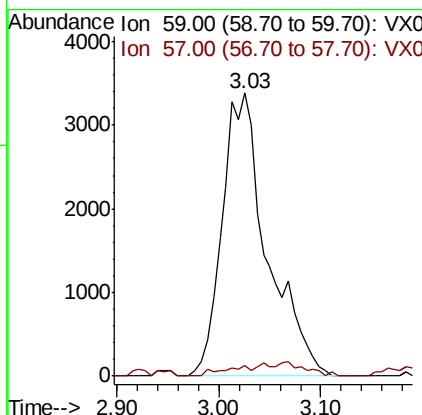
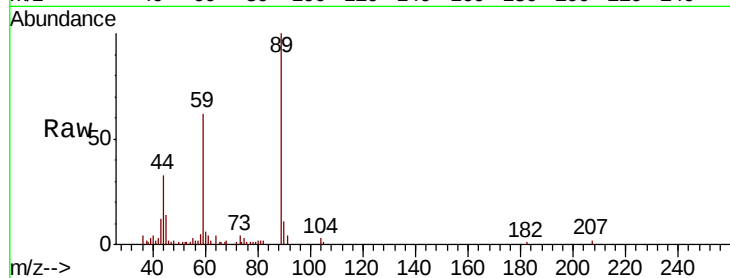




#11
Tert butyl alcohol
Concen: 9.823 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.06 min
Lab File: VX005008.D
Acq: 04 Oct 2018 09:34

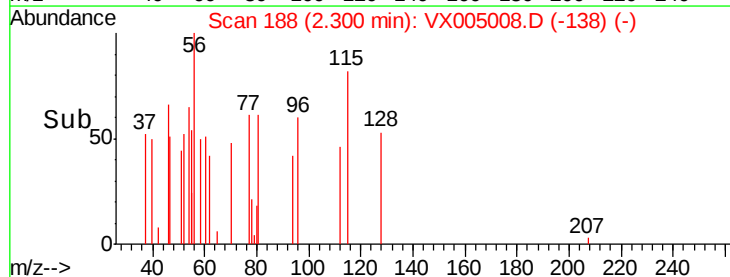
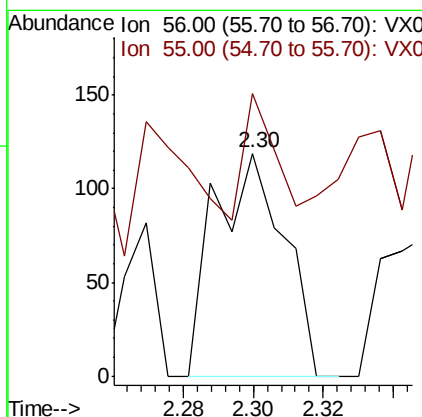
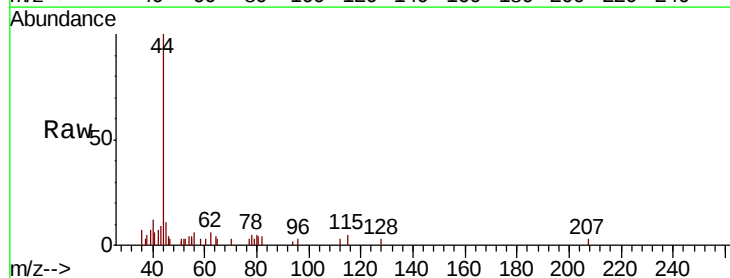
Instrument :
MSVOA_X
ClientSampleId :

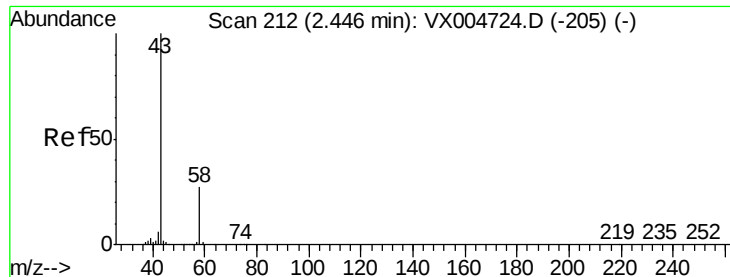
Tot Ion: 59 Resp: 10323
Ion Ratio Lower Upper
59 100
57 2.2 8.6 12.8#



#13
Acrolein
Concen: 0.218 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX005008.D
Acq: 04 Oct 2018 09:34

Tgt Ion: 56 Resp: 163
Ion Ratio Lower Upper
56 100
55 25.8 63.4 95.2#





#16

Acetone

Concen: 27.397 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005008.D

Acq: 04 Oct 2018 09:34

Instrument :

MSVOA_X

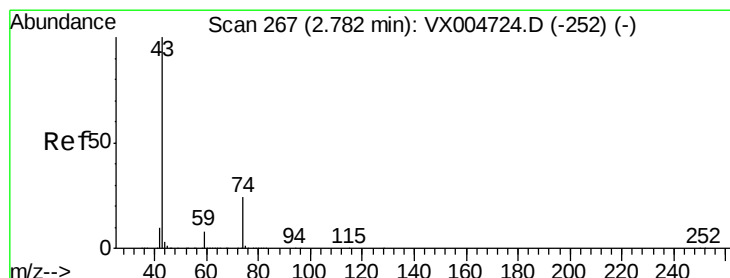
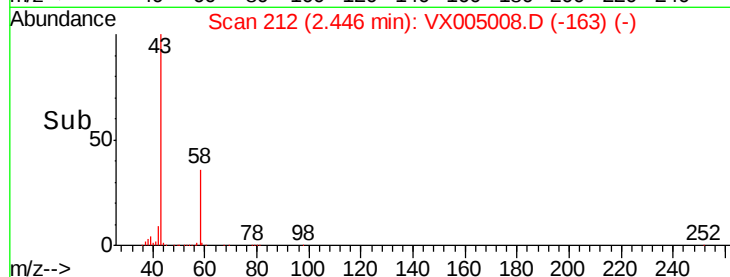
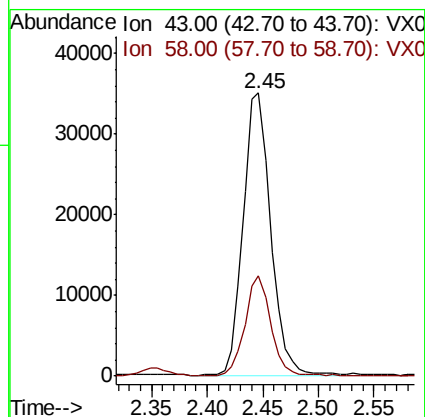
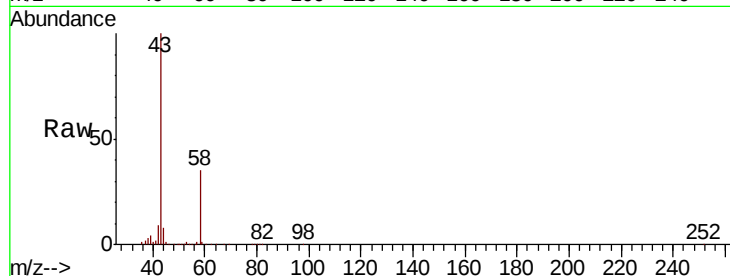
ClientSampled :

Tot Ion: 43 Resp: 60119

Ion Ratio Lower Upper

43 100

58 35.3 21.8 32.6#



#18

Methyl Acetate

Concen: 1.942 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX005008.D

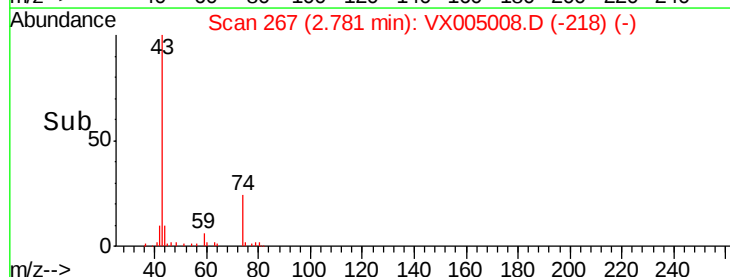
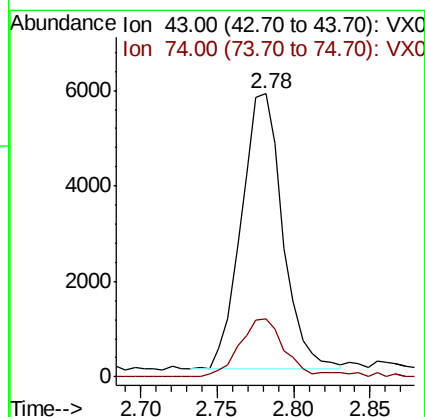
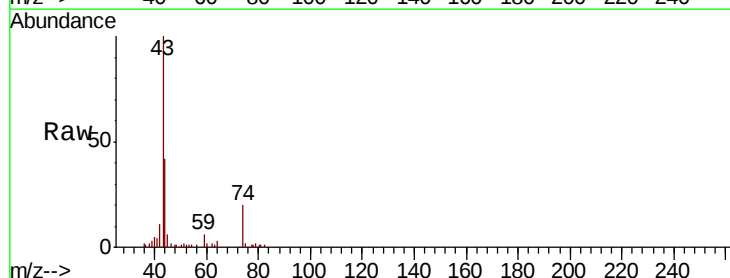
Acq: 04 Oct 2018 09:34

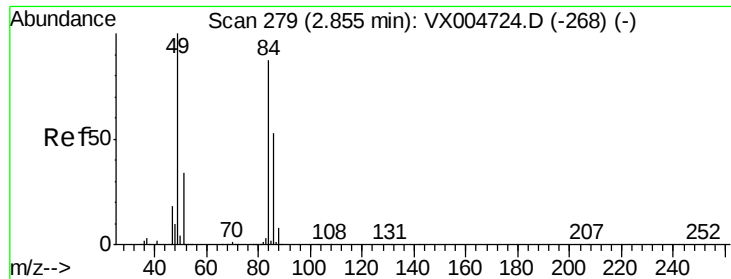
Tgt Ion: 43 Resp: 10798

Ion Ratio Lower Upper

43 100

74 22.6 17.8 26.8

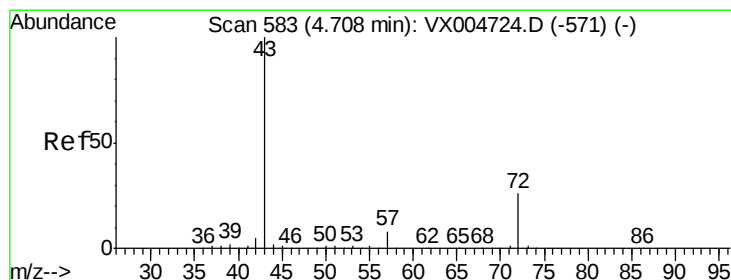
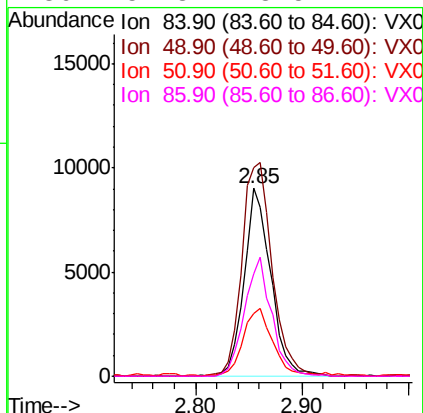
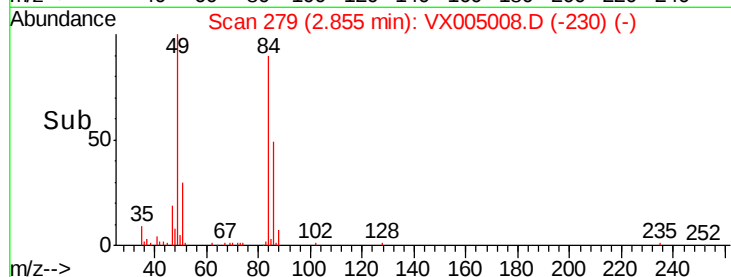
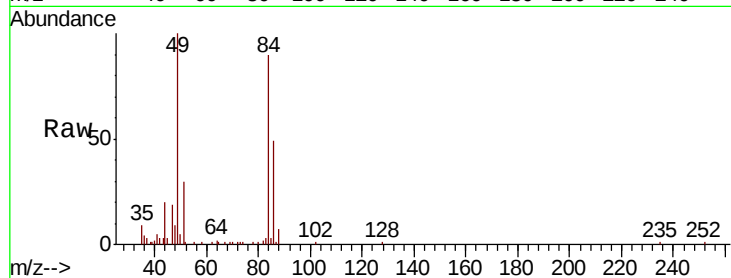




#20
Methvlene Chloride
Concen: 4.212 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005008.D
Acq: 04 Oct 2018 09:34

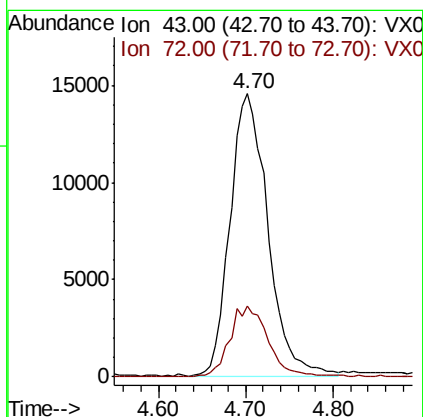
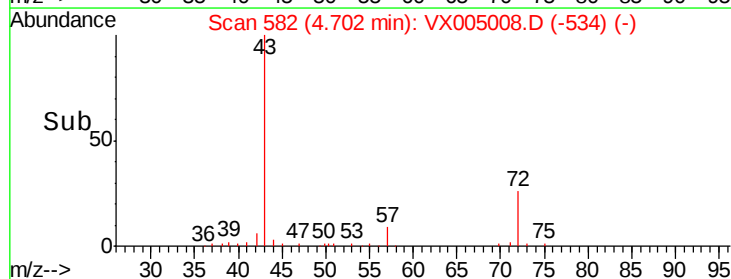
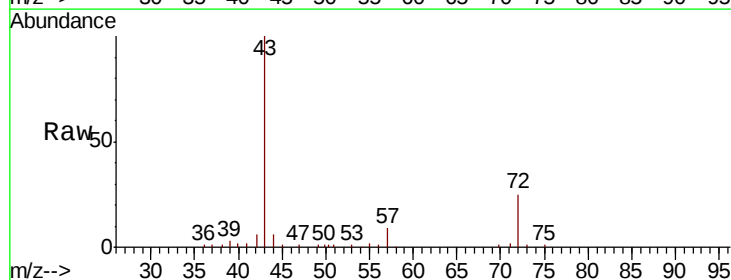
Instrument :
MSVOA_X
ClientSampleId :

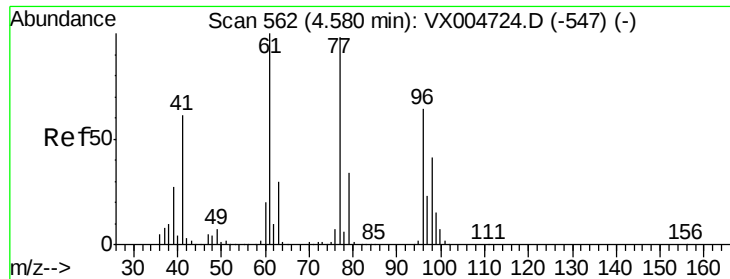
Tot Ion:	84	Resp:	15889
Ion	Ratio	Lower	Upper
84	100		
49	111.5	92.3	138.5
51	32.7	31.8	47.6
86	54.3	48.5	72.7



#25
2-Butanone
Concen: 13.636 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX005008.D
Acq: 04 Oct 2018 09:34

Tgt Ion:	43	Resp:	44107
Ion	Ratio	Lower	Upper
43	100		
72	25.3	20.8	31.2





#26

2,2-Dichloropropane

Concen: 0.226 ug/l

RT: 4.75 min Scan# 590

Delta R.T. 0.17 min

Lab File: VX005008.D

Acq: 04 Oct 2018 09:34

Instrument :

MSVOA_X

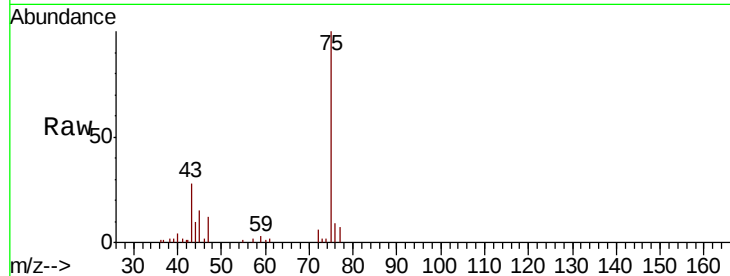
ClientSampled :

Tot Ion: 77 Resp: 984

Ion Ratio Lower Upper

77 100

97 0.0 12.6 37.8#



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.75

400

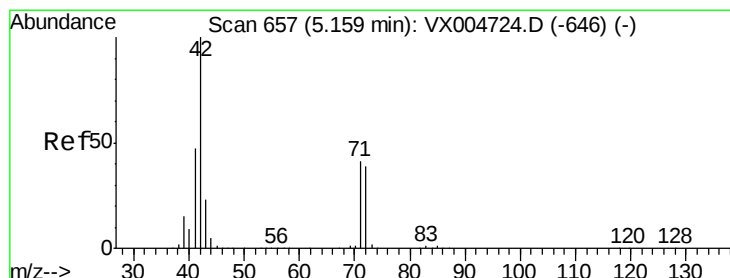
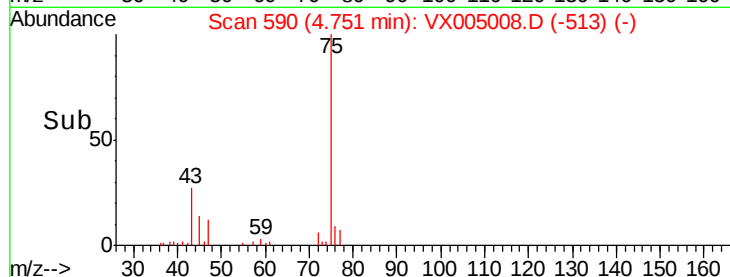
300

200

100

0

Time-->



#29

Tetrahydrofuran

Concen: 1.025 ug/l

RT: 5.17 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX005008.D

Acq: 04 Oct 2018 09:34

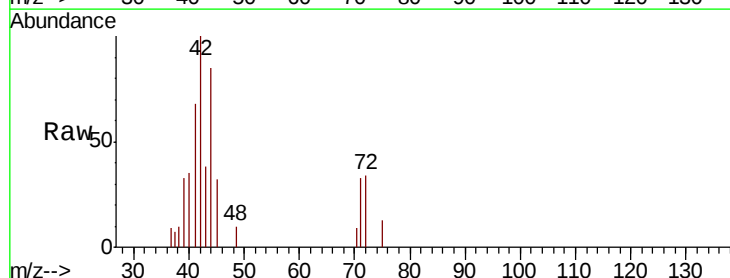
Tgt Ion: 42 Resp: 2060

Ion Ratio Lower Upper

42 100

72 26.0 33.7 50.5#

71 43.0 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

1000

800

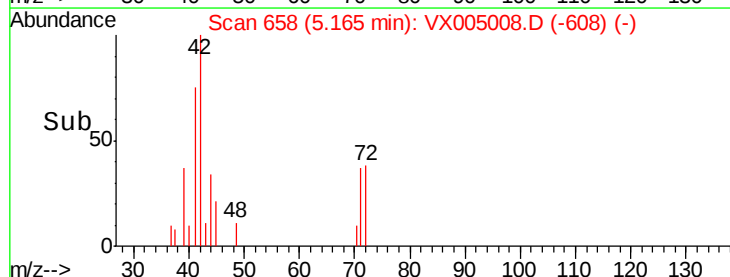
600

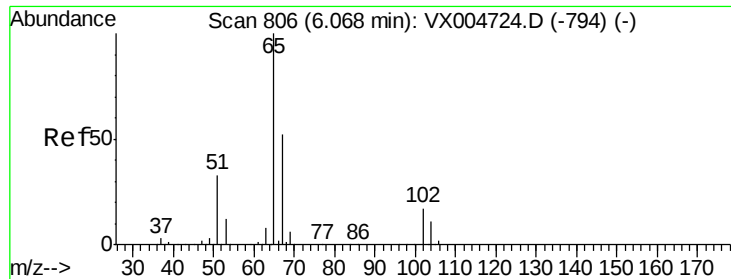
400

200

0

Time-->

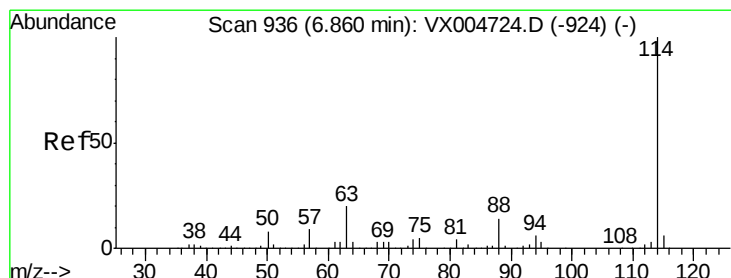
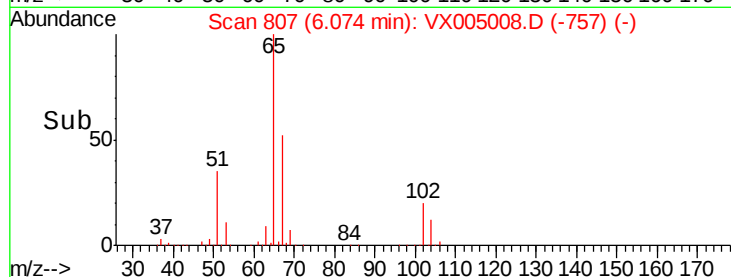
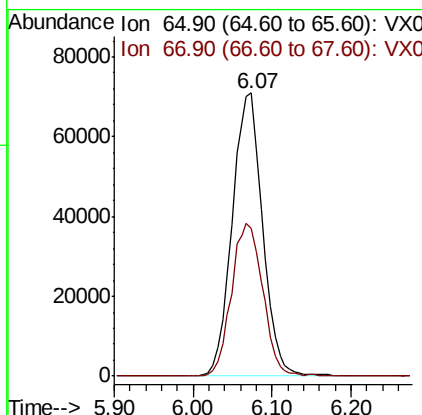
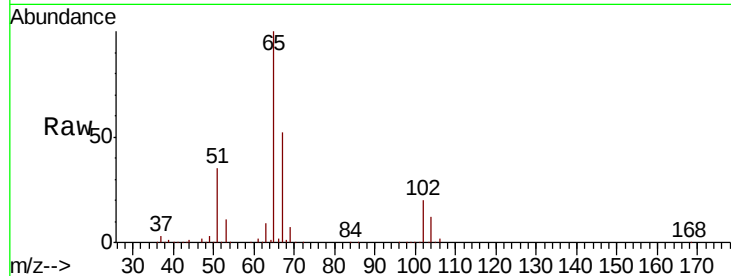




#33
 1,2-Dichloroethane-d4
 Concen: 50.436 ug/l
 RT: 6.07 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX005008.D
 Acq: 04 Oct 2018 09:34

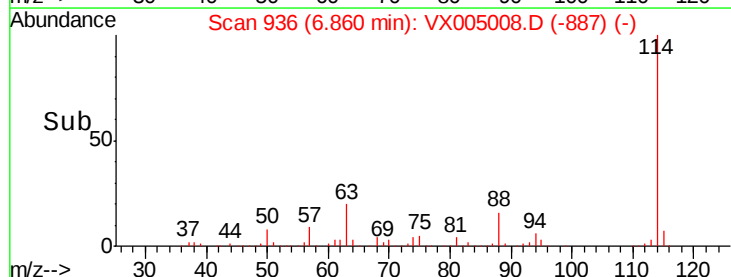
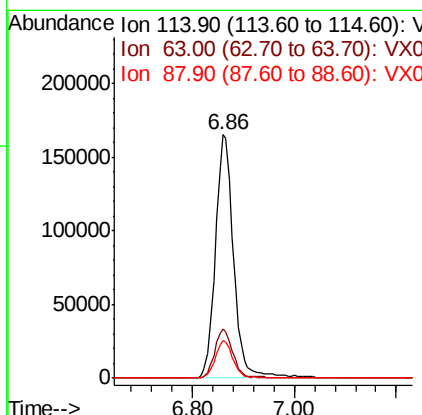
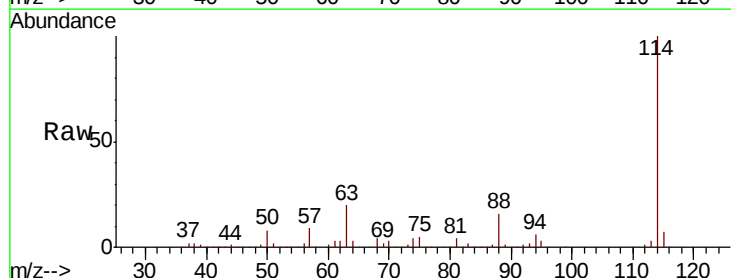
Instrument :
 MSVOA_X
 ClientSampleId :

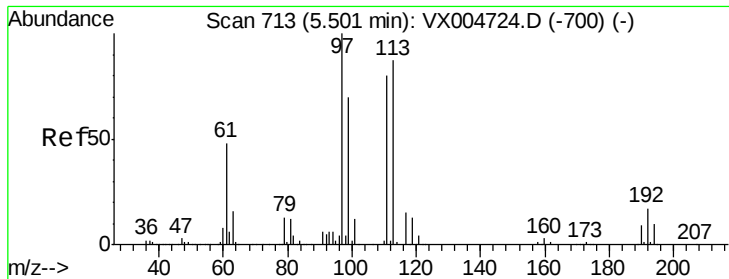
Tot Ion: 65 Resp: 189571
 Ion Ratio Lower Upper
 65 100
 67 56.0 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005008.D
 Acq: 04 Oct 2018 09:34

Tgt Ion: 114 Resp: 411816
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.8
 88 15.6 0.0 27.0





#35

Dibromofluoromethane

Concen: 46.975 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005008.D

Acq: 04 Oct 2018 09:34

Instrument :
MSVOA_X
ClientSampleId :

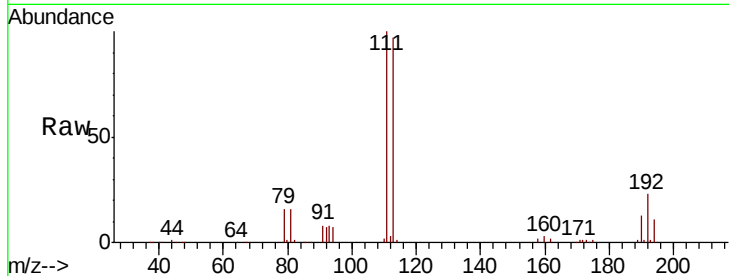
Tot Ion:113 Resp: 163953

Ion Ratio Lower Upper

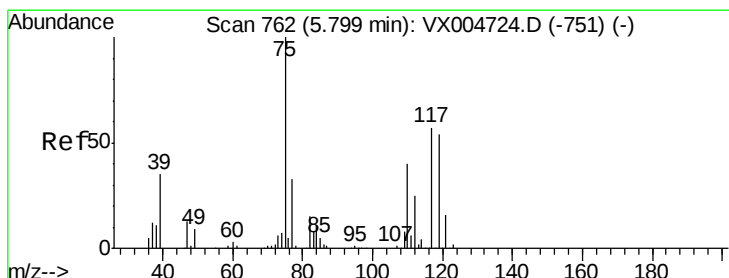
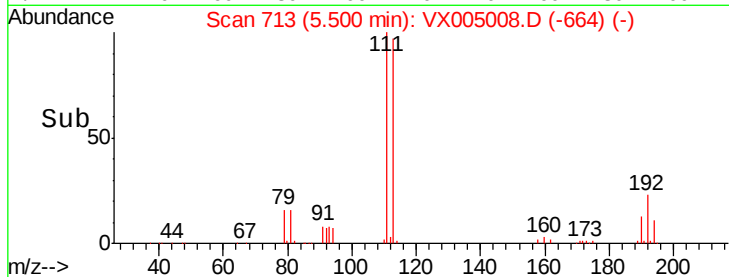
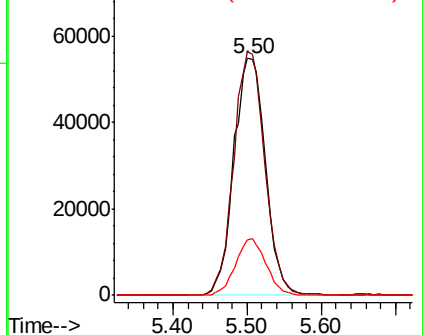
113 100

111 100.9 77.0 115.4

192 23.0 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: 3.647 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX005008.D

Acq: 04 Oct 2018 09:34

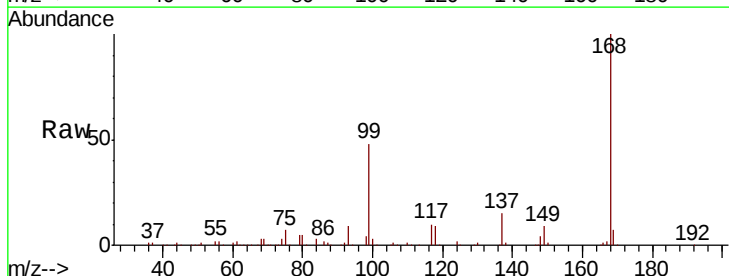
Tgt Ion: 75 Resp: 17366

Ion Ratio Lower Upper

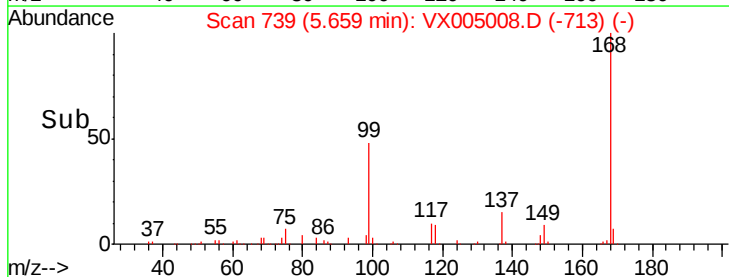
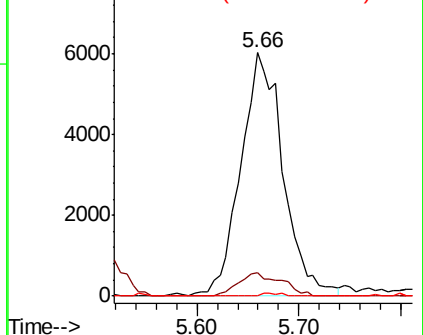
75 100

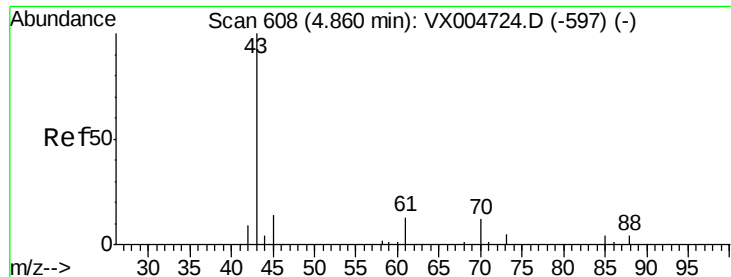
110 9.9 20.0 59.9#

77 0.0 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: 6.978 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.16 min

Lab File: VX005008.D

Acq: 04 Oct 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

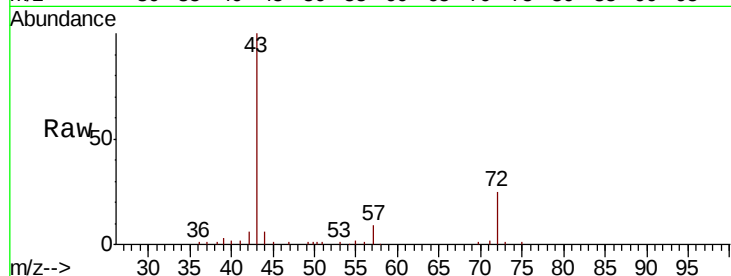
Tot Ion: 43 Resp: 44107

Ion Ratio Lower Upper

43 100

61 0.0 10.4 15.6#

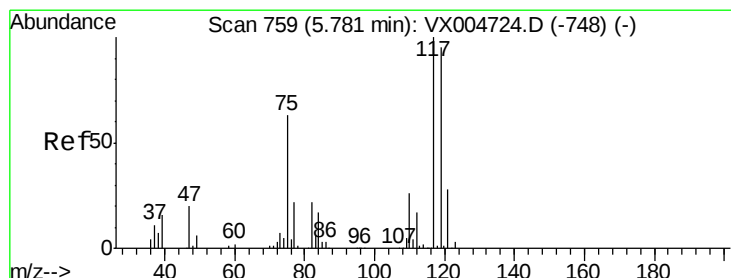
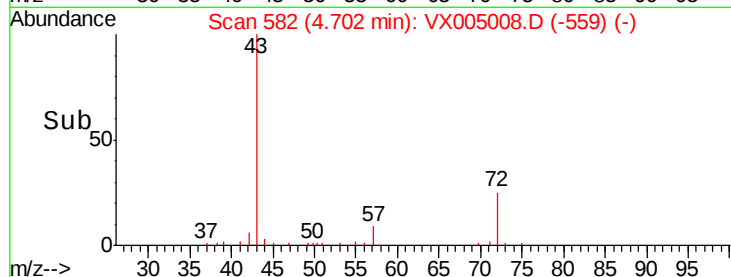
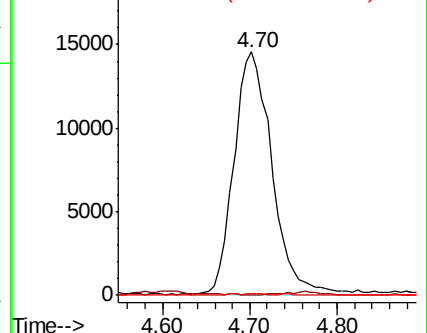
70 0.4 8.7 13.1#



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: 4.614 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX005008.D

Acq: 04 Oct 2018 09:34

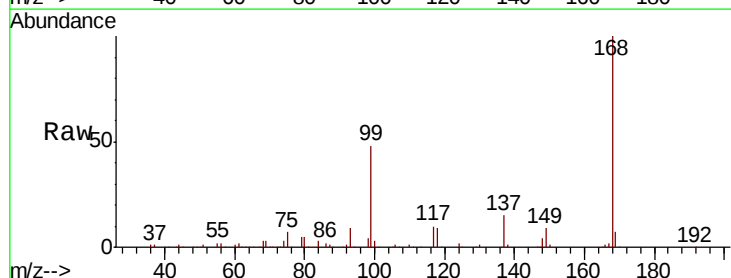
Tgt Ion: 117 Resp: 23094

Ion Ratio Lower Upper

117 100

119 4.7 75.2 112.8#

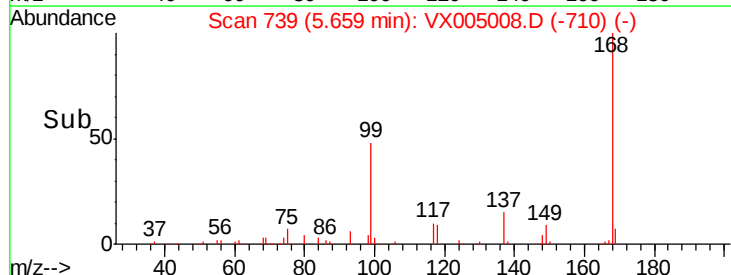
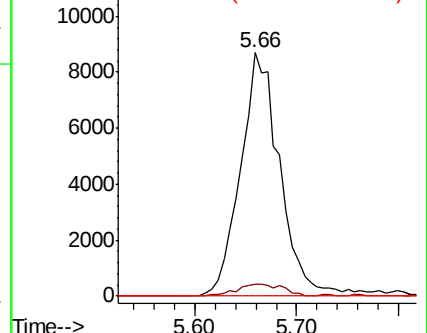
121 0.0 22.5 33.7#

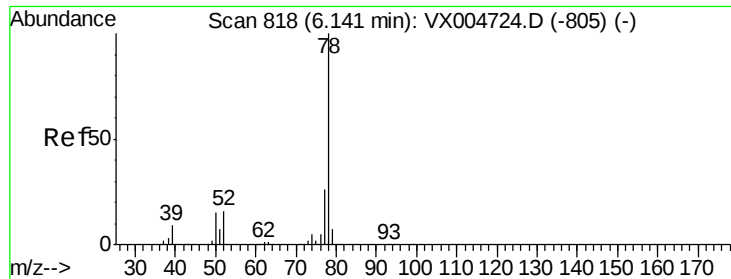


Abundance Ion 116.80 (116.50 to 117.50): VX004724.D (-748) (-)

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

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





#40

Benzene

Concen: 0.610 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX005008.D

Acq: 04 Oct 2018 09:34

Instrument :

MSVOA_X

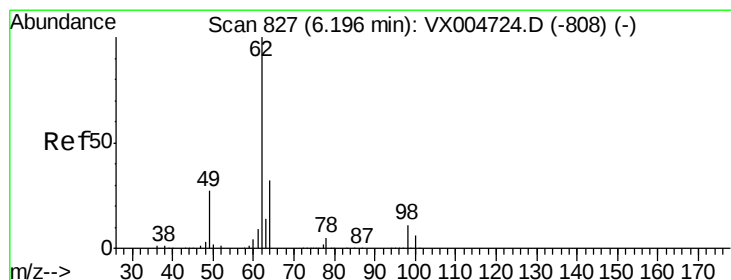
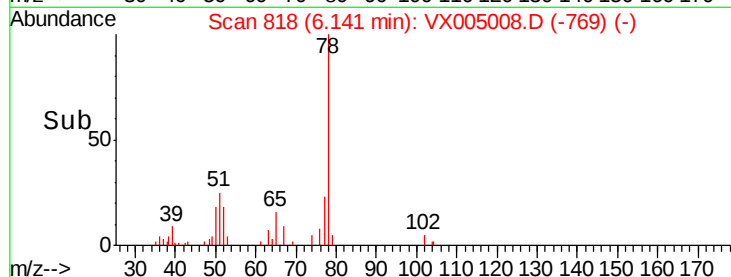
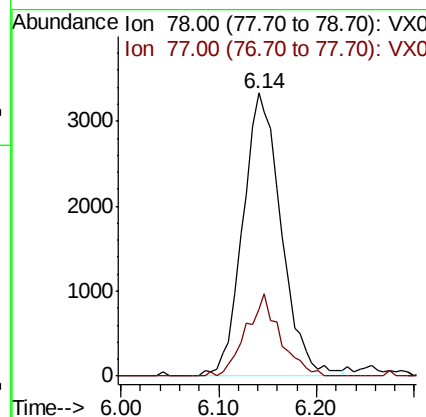
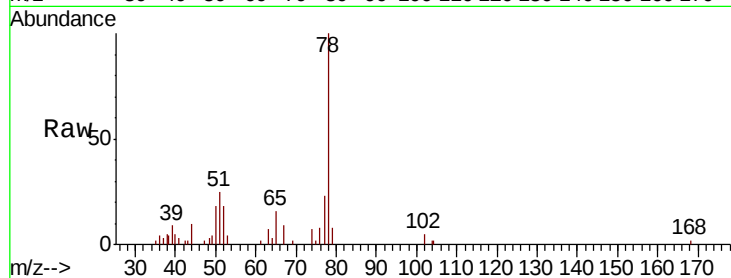
ClientSampleId :

Tot Ion: 78 Resp: 9101

Ion Ratio Lower Upper

78 100

77 23.5 21.0 31.4



#42

1,2-Dichloroethane

Concen: 0.202 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX005008.D

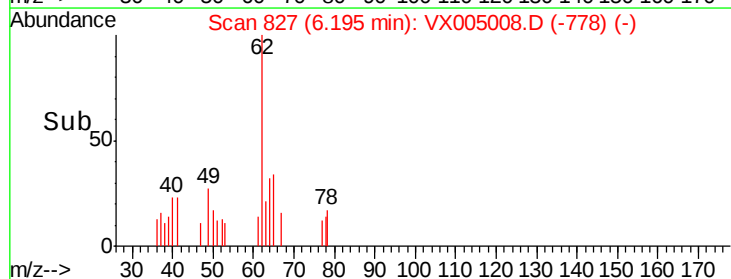
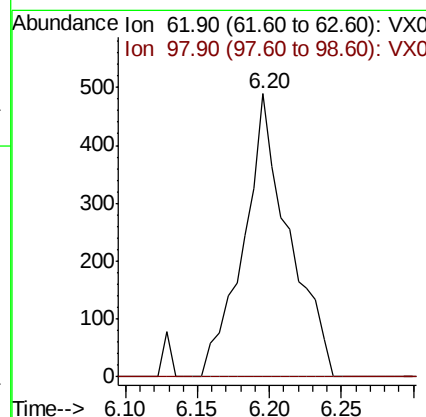
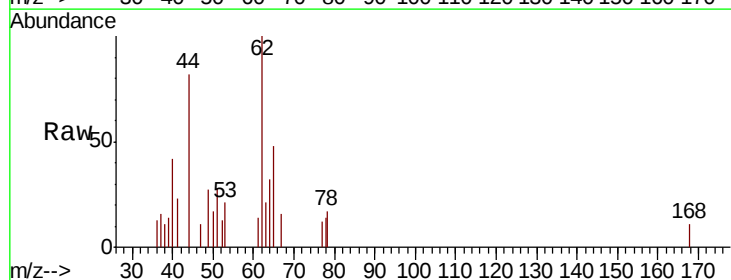
Acq: 04 Oct 2018 09:34

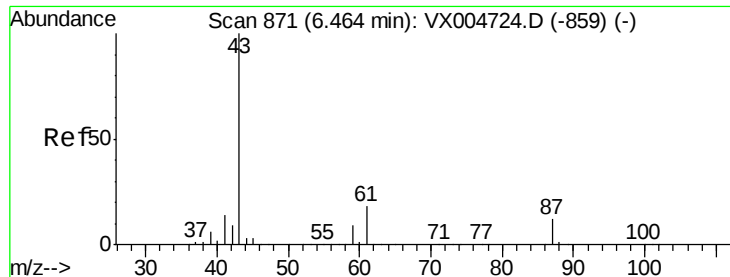
Tgt Ion: 62 Resp: 1063

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.2



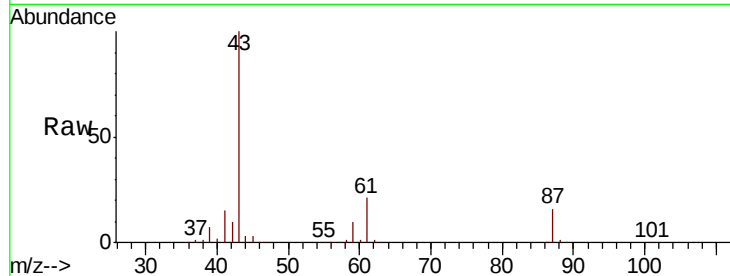


#43

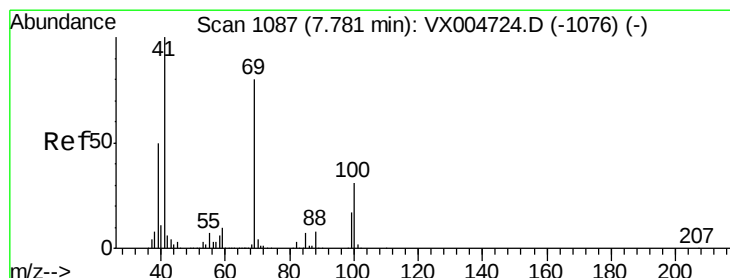
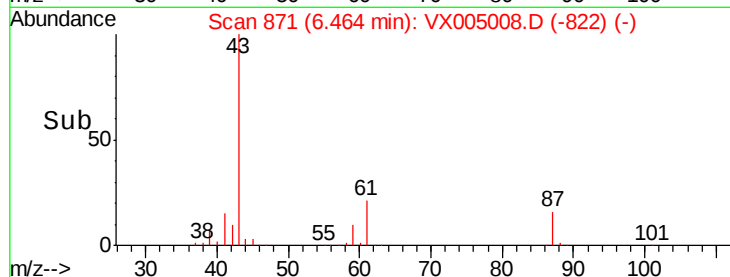
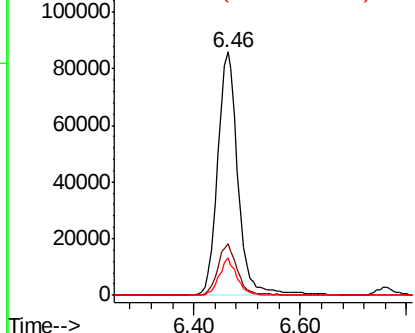
Isopropyl Acetate
 Concen: 24.958 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: VX005008.D
 Acq: 04 Oct 2018 09:34

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 43 Resp: 227700
 Ion Ratio Lower Upper
 43 100
 61 20.3 14.2 21.4
 87 13.4 9.3 13.9



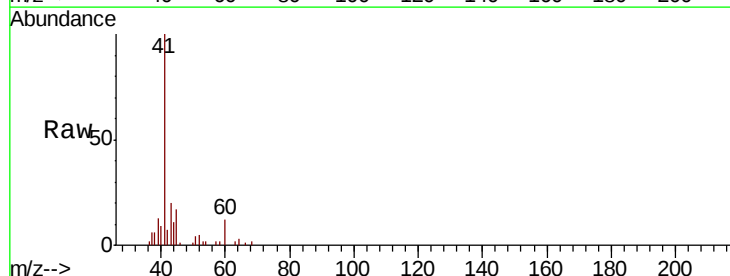
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



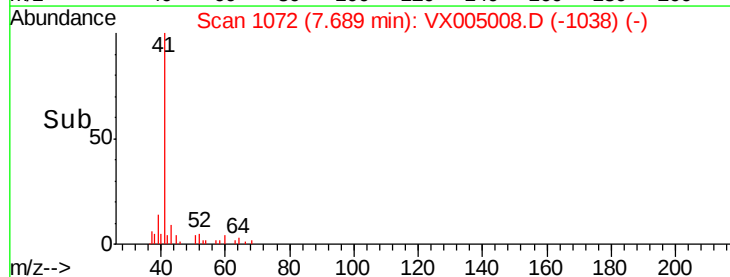
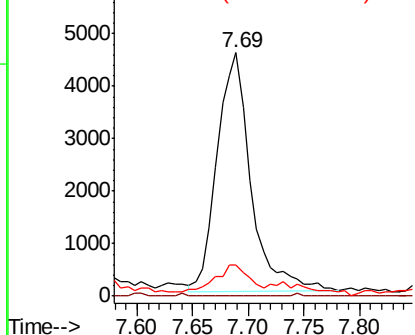
#48

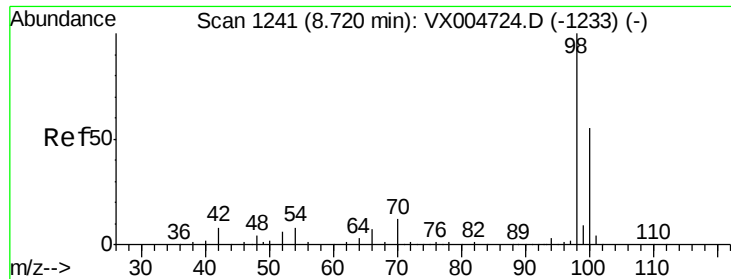
Methyl methacrylate
 Concen: 2.297 ug/l
 RT: 7.69 min Scan# 1072
 Delta R.T. -0.09 min
 Lab File: VX005008.D
 Acq: 04 Oct 2018 09:34

Tgt Ion: 41 Resp: 9513
 Ion Ratio Lower Upper
 41 100
 69 0.0 63.8 95.6#
 39 14.6 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

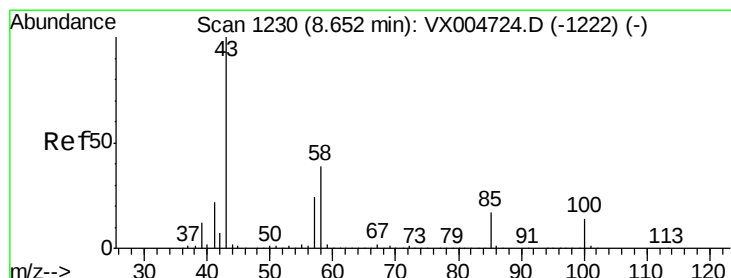
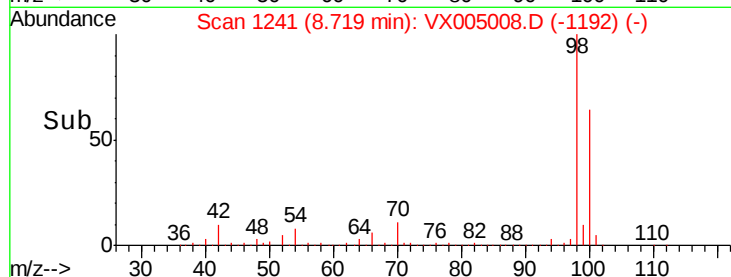
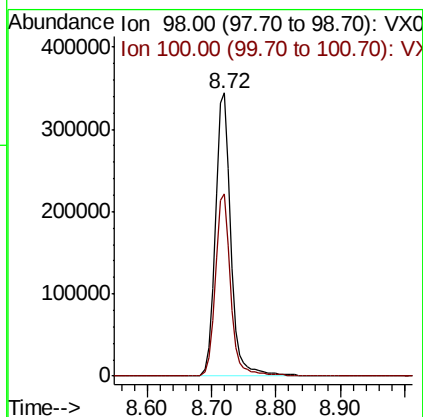
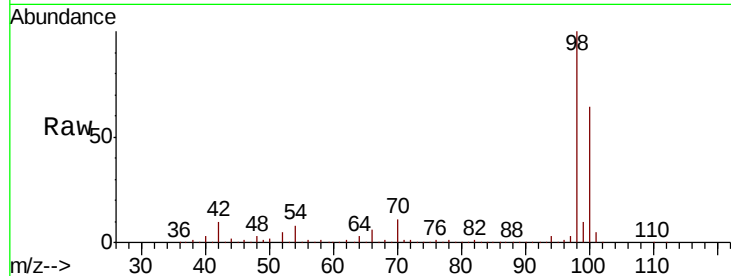




#50
Toluene-d8
Concen: 50.333 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX005008.D
Acq: 04 Oct 2018 09:34

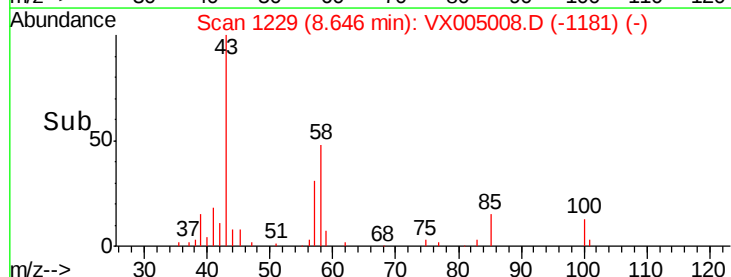
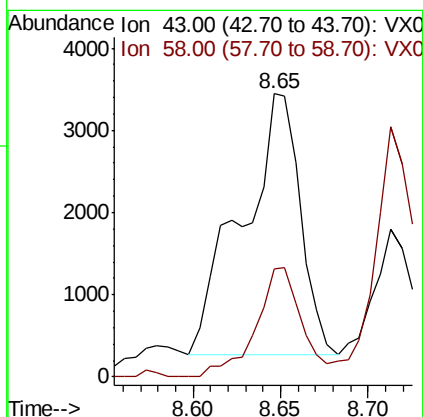
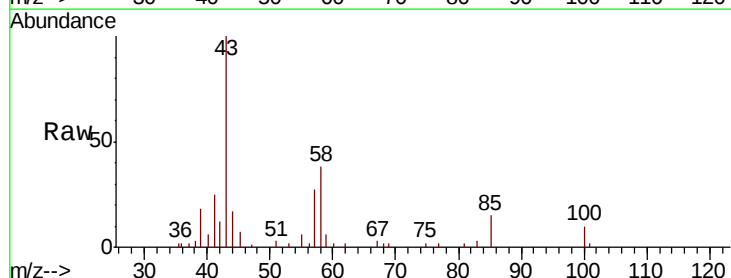
Instrument :
MSVOA_X
ClientSampleId :

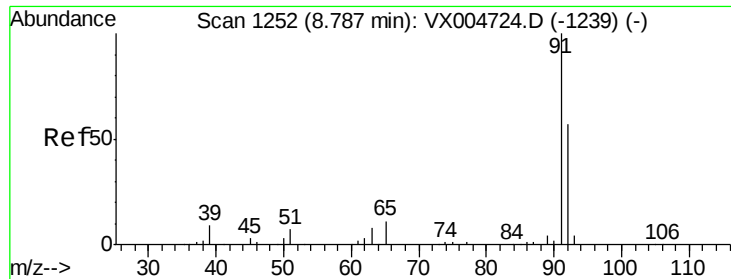
Tot Ion: 98 Resp: 584015
Ion Ratio Lower Upper
98 100
100 63.4 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 1.288 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.01 min
Lab File: VX005008.D
Acq: 04 Oct 2018 09:34

Tgt Ion: 43 Resp: 7397
Ion Ratio Lower Upper
43 100
58 32.5 30.5 45.7





#52

Toluene

Concen: 3.422 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005008.D

Acq: 04 Oct 2018 09:34

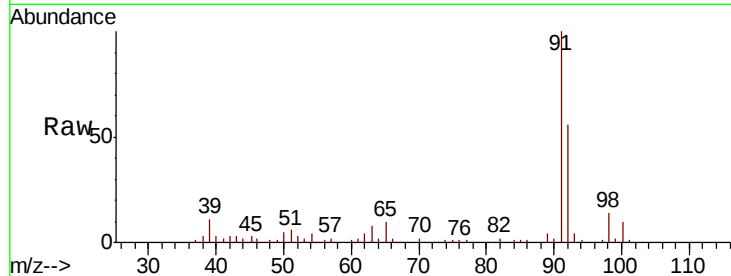
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 92 Resp: 28035

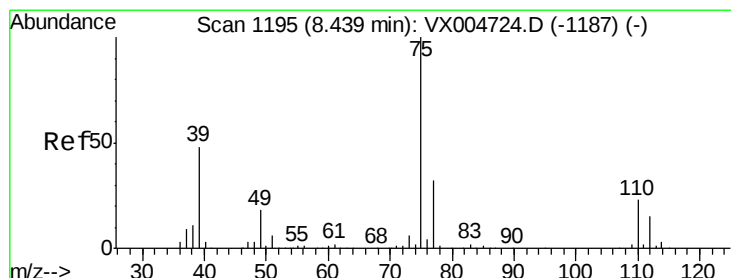
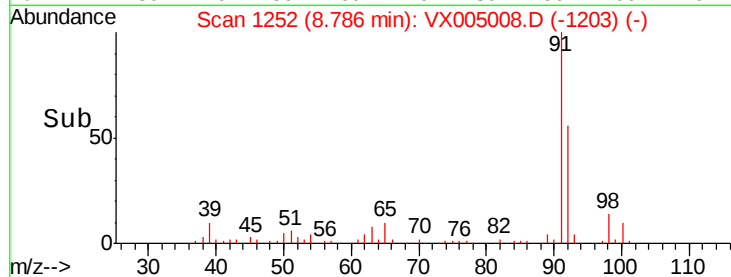
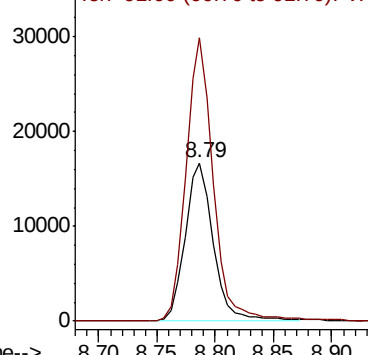
Ion Ratio Lower Upper

92 100

91 174.0 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0
Ion 91.00 (90.70 to 91.70): VX0



#54

cis-1,3-Dichloropropene

Concen: 0.294 ug/l

RT: 8.62 min Scan# 1225

Delta R.T. 0.18 min

Lab File: VX005008.D

Acq: 04 Oct 2018 09:34

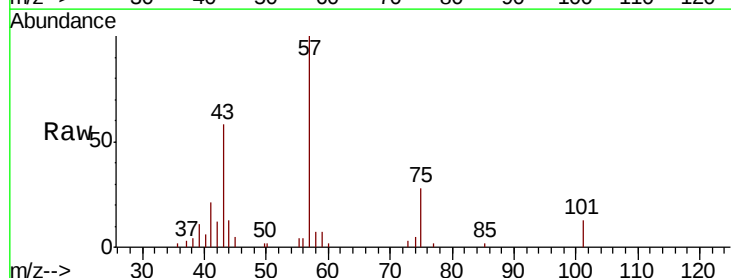
Tgt Ion: 75 Resp: 1495

Ion Ratio Lower Upper

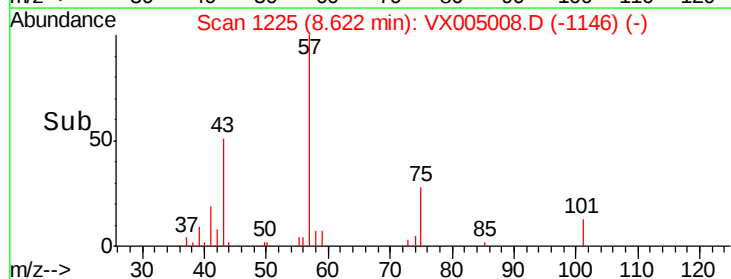
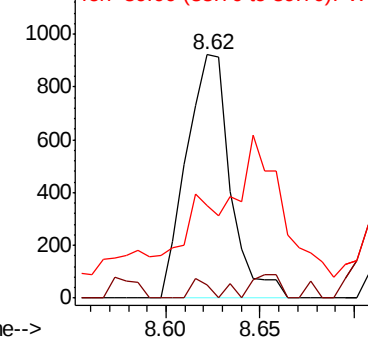
75 100

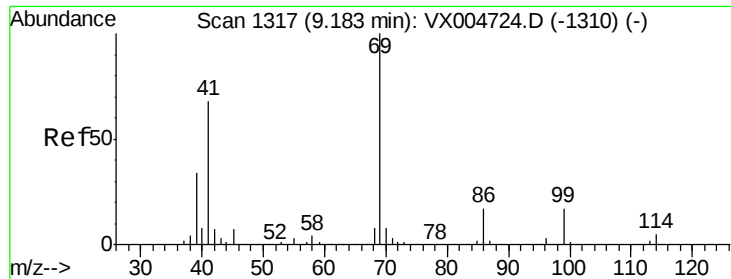
77 5.6 25.7 38.5#

39 21.2 38.3 57.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0
Ion 39.00 (38.70 to 39.70): VX0

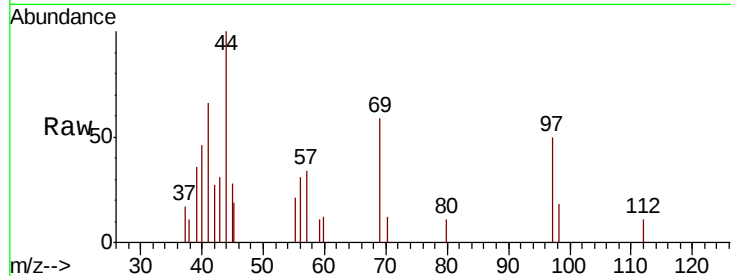




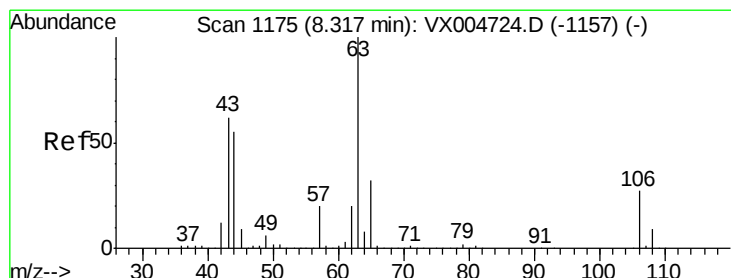
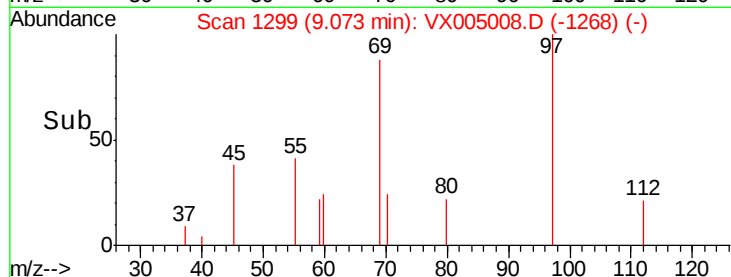
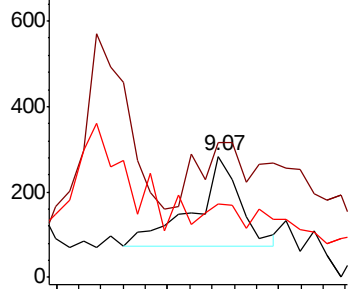
#56
Ethyl methacrylate
Concen: 2.911 ug/l
RT: 9.07 min Scan# 1299
Delta R.T. -0.11 min
Lab File: VX005008.D
Acq: 04 Oct 2018 09:34

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 69 Resp: 301
Ion Ratio Lower Upper
69 100
41 70.4 56.9 85.3
39 0.0 28.4 42.6#

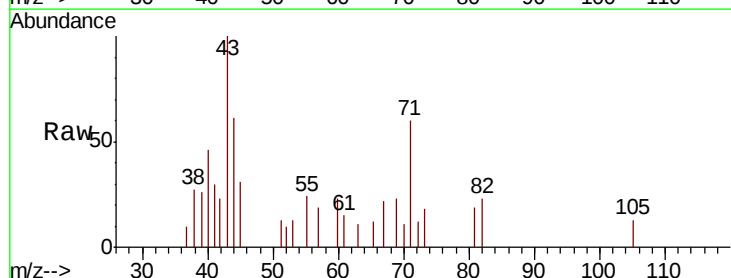


Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

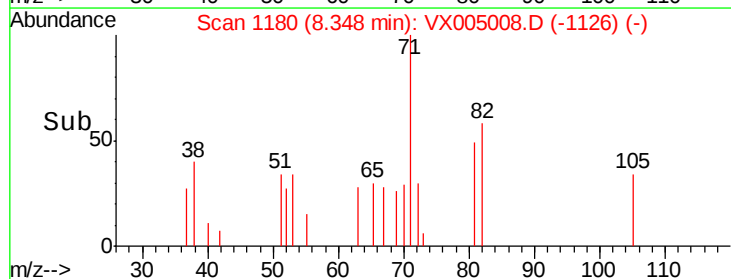
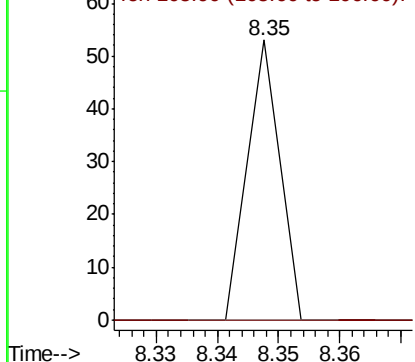


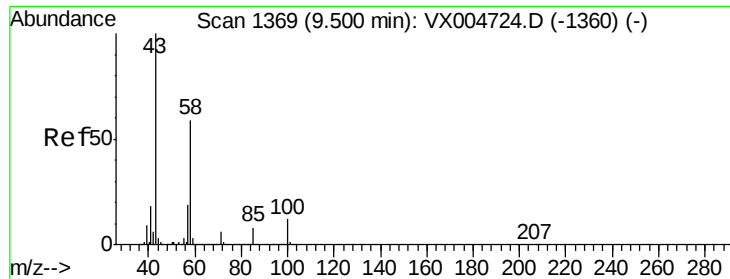
#58
2-Chloroethyl Vinyl ether
Concen: 14.248 ug/l
RT: 8.35 min Scan# 1180
Delta R.T. 0.03 min
Lab File: VX005008.D
Acq: 04 Oct 2018 09:34

Tgt Ion: 63 Resp: 19
Ion Ratio Lower Upper
63 100
106 0.0 21.0 31.6#



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 105.90 (105.60 to 106.60): V

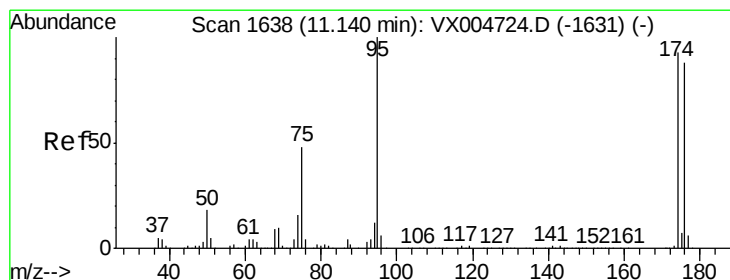
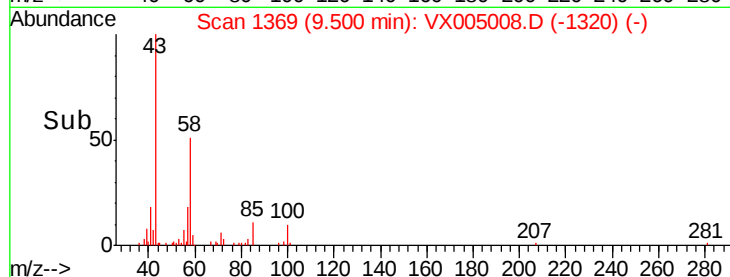
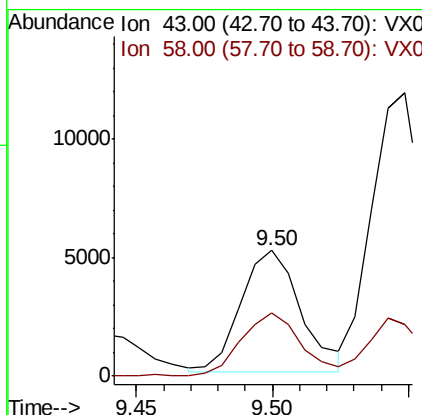
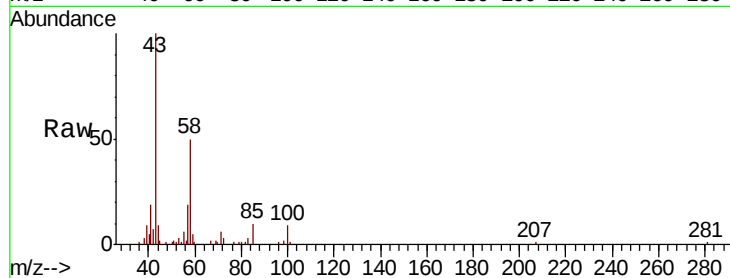




#59
2-Hexanone
Concen: 1.626 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005008.D
Acq: 04 Oct 2018 09:34

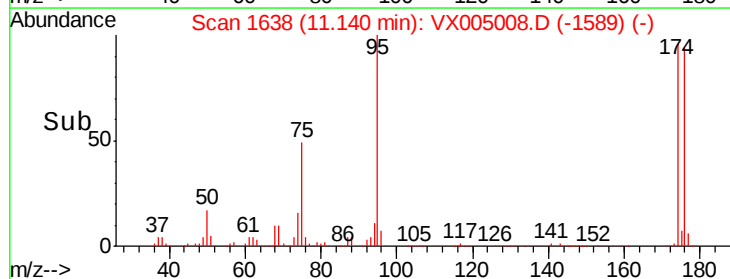
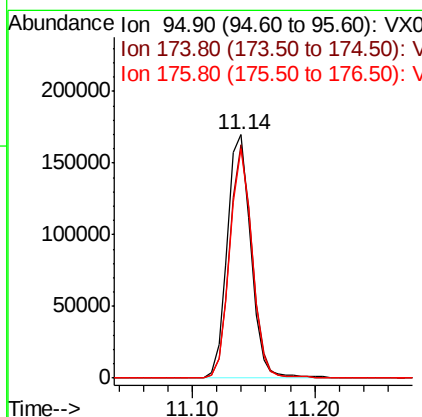
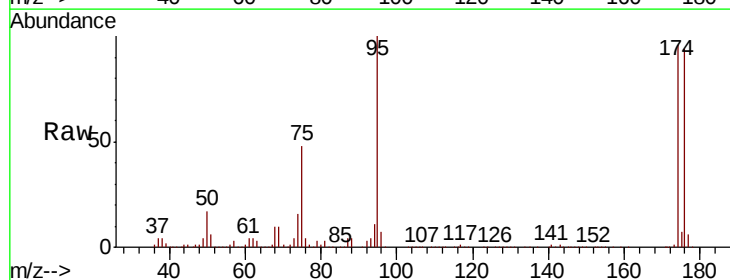
Instrument :
MSVOA_X
ClientSampleId :

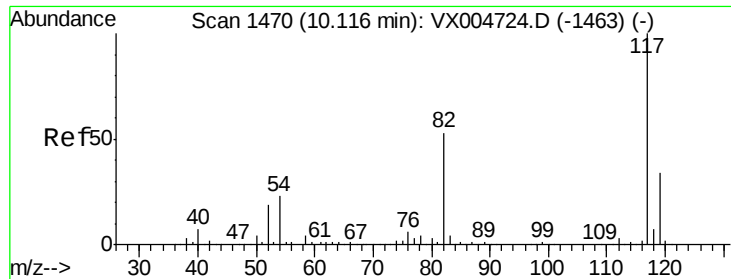
Tot Ion: 43 Resp: 7782
Ion Ratio Lower Upper
43 100
58 52.1 28.4 85.3



#62
4-Bromofluorobenzene
Concen: 54.059 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005008.D
Acq: 04 Oct 2018 09:34

Tgt Ion: 95 Resp: 225973
Ion Ratio Lower Upper
95 100
174 91.1 0.0 185.0
176 89.3 0.0 180.2

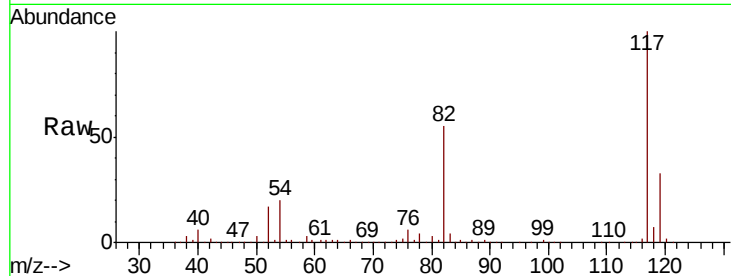




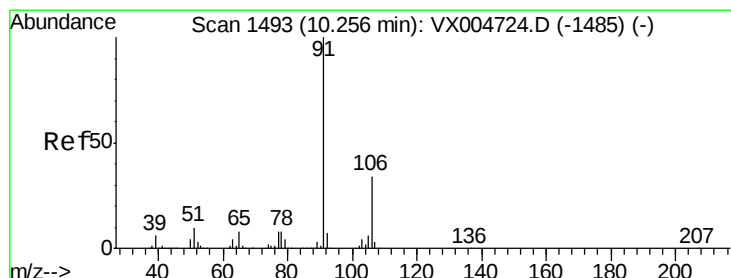
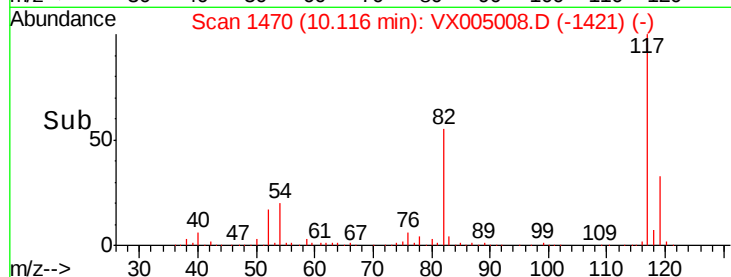
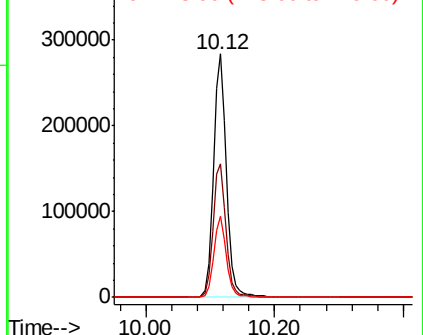
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005008.D
Acq: 04 Oct 2018 09:34

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 400439
Ion Ratio Lower Upper
117 100
82 54.9 42.2 63.4
119 33.1 27.4 41.0

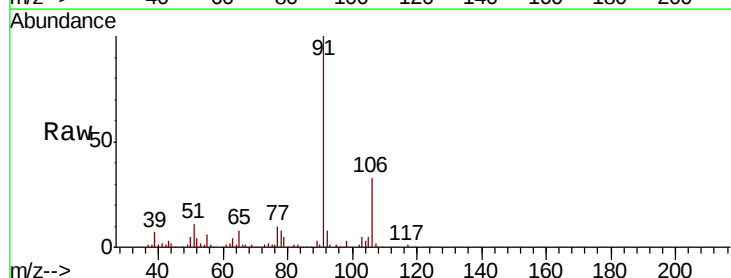


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

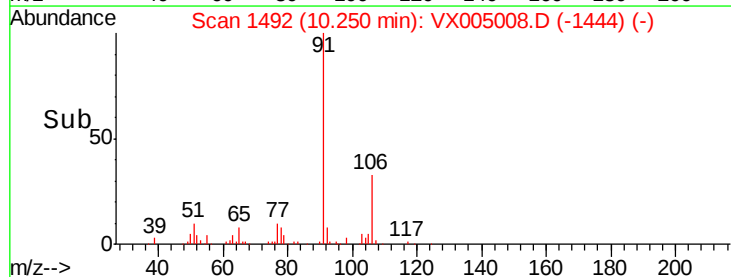
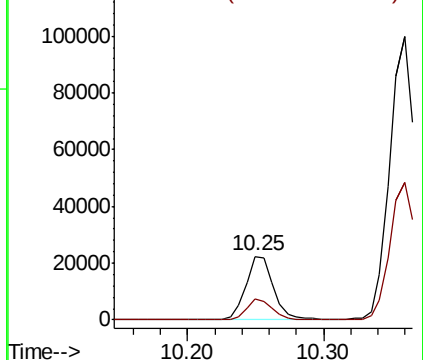


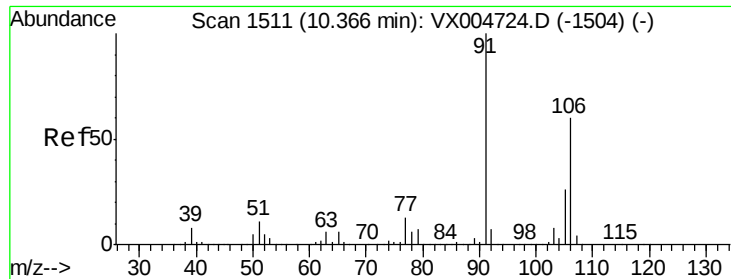
#67
Ethyl Benzene
Concen: 1.979 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX005008.D
Acq: 04 Oct 2018 09:34

Tgt Ion: 91 Resp: 32267
Ion Ratio Lower Upper
91 100
106 33.1 26.9 40.3



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

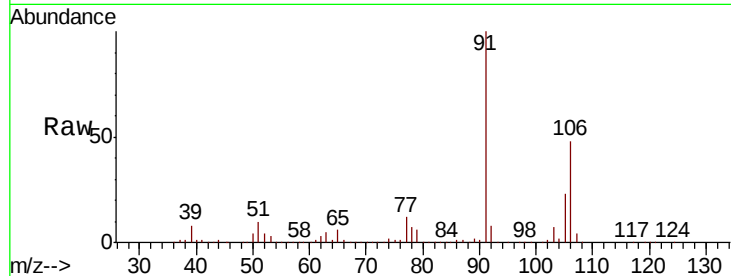




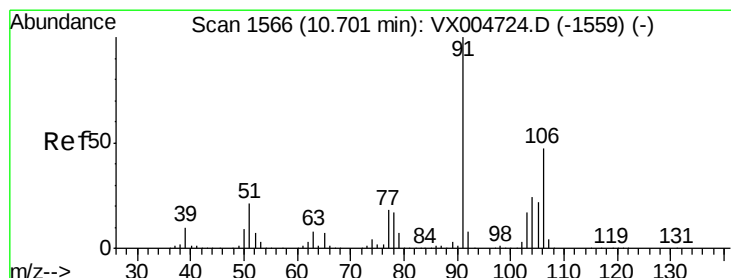
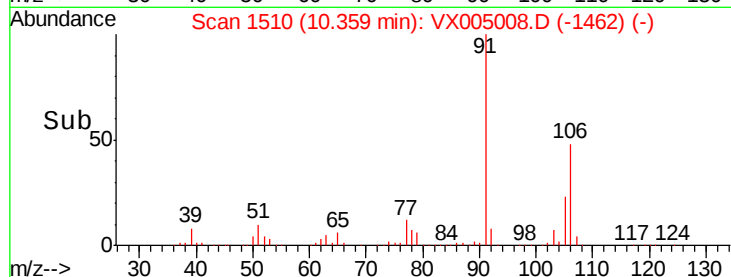
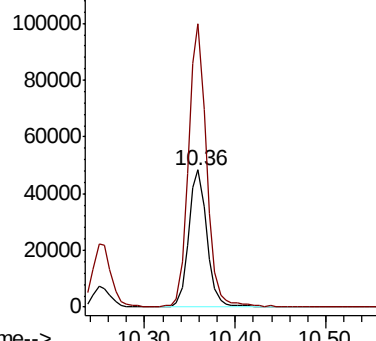
#68
m/p-Xvlenes
Concen: 10.723 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX005008.D
Acq: 04 Oct 2018 09:34

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 68312
Ion Ratio Lower Upper
106 100
91 203.6 157.5 236.3

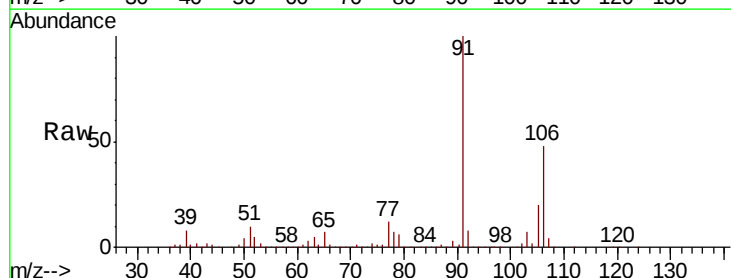


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

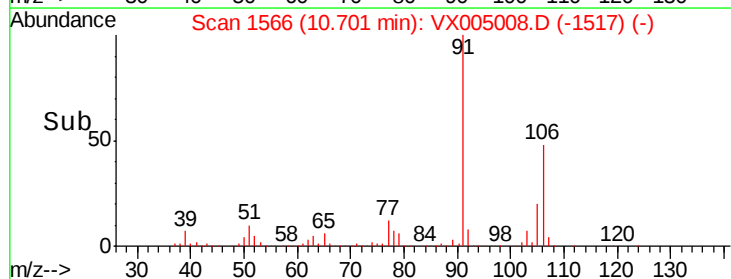
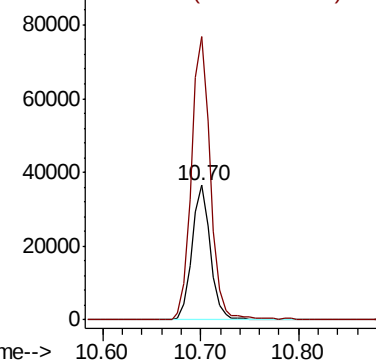


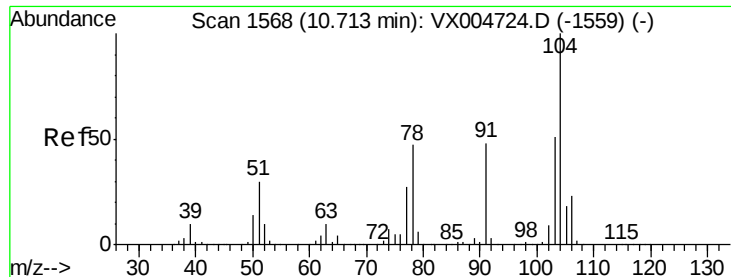
#69
o-Xylene
Concen: 8.158 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005008.D
Acq: 04 Oct 2018 09:34

Tgt Ion:106 Resp: 47735
Ion Ratio Lower Upper
106 100
91 215.3 108.3 324.8



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

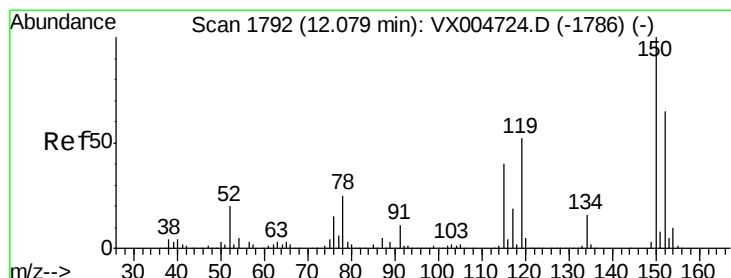
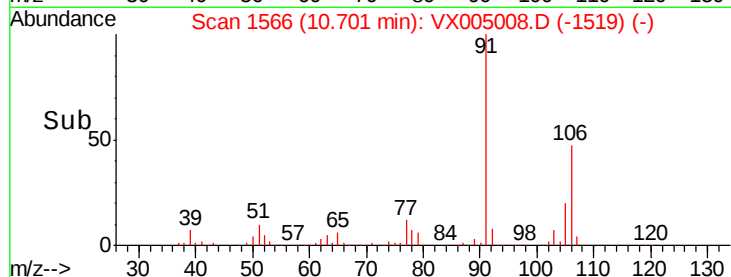
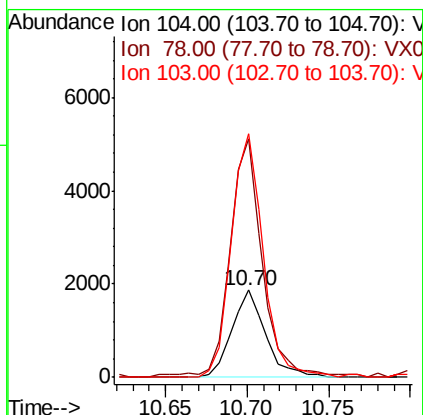
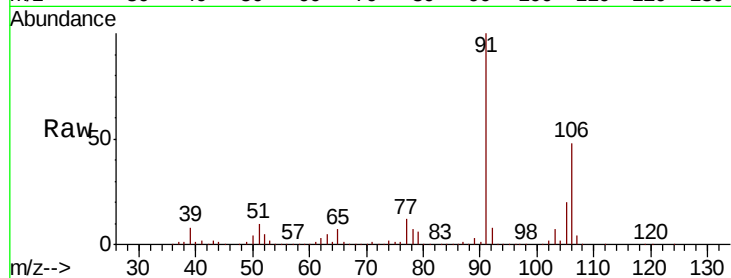




#70
Stvrene
Concen: 2.375 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX005008.D
Acq: 04 Oct 2018 09:34

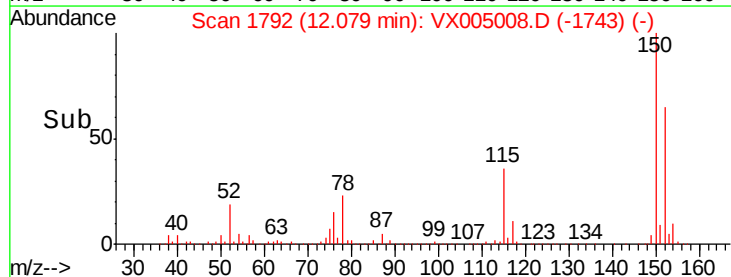
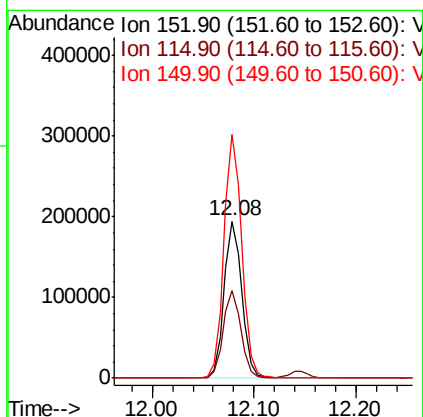
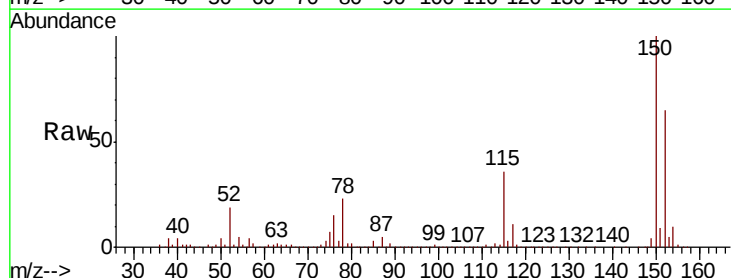
Instrument :
MSVOA_X
ClientSampleId :

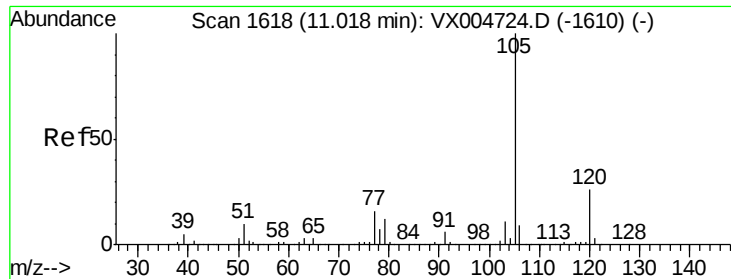
Tot Ion:104 Resp: 2686
Ion Ratio Lower Upper
104 100
78 264.7 40.0 60.0#
103 263.1 44.3 66.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005008.D
Acq: 04 Oct 2018 09:34

Tgt Ion:152 Resp: 235359
Ion Ratio Lower Upper
152 100
115 55.4 40.2 120.6
150 155.8 0.0 351.0





#73

Isopropylbenzene

Concen: 0.413 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005008.D

Acq: 04 Oct 2018 09:34

Instrument :

MSVOA_X

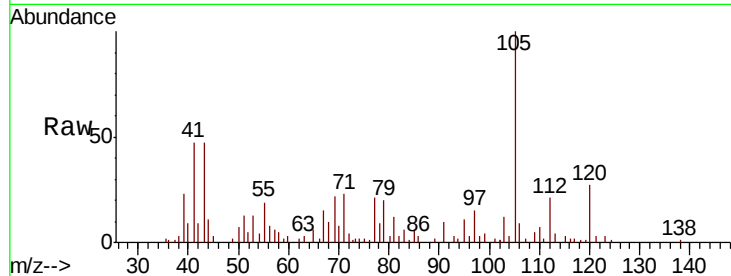
ClientSampled :

Tot Ion:105 Resp: 6126

Ion Ratio Lower Upper

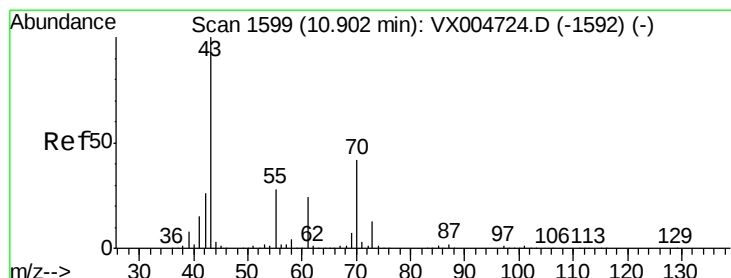
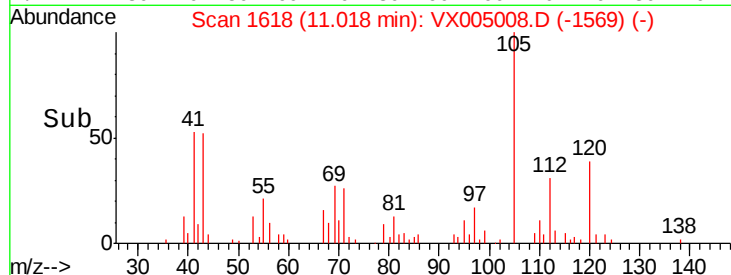
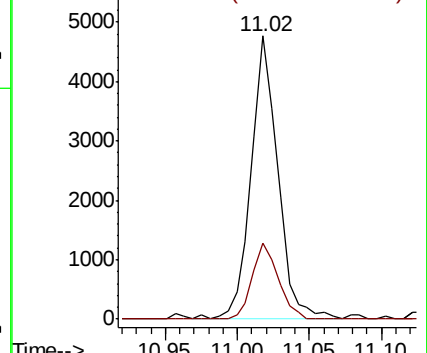
105 100

120 26.0 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: 2.291 ug/l

RT: 10.94 min Scan# 1606

Delta R.T. 0.04 min

Lab File: VX005008.D

Acq: 04 Oct 2018 09:34

Tgt Ion: 43 Resp: 4585

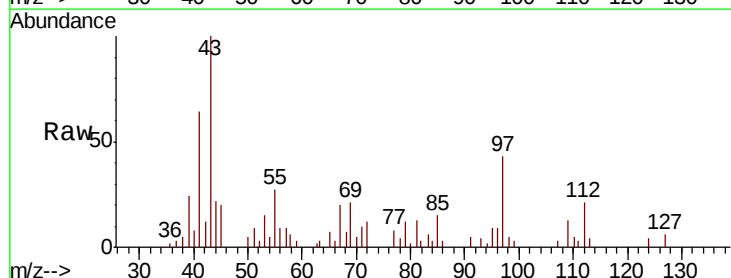
Ion Ratio Lower Upper

43 100

70 0.0 32.6 48.8#

55 30.4 21.6 32.4

61 0.0 19.1 28.7#

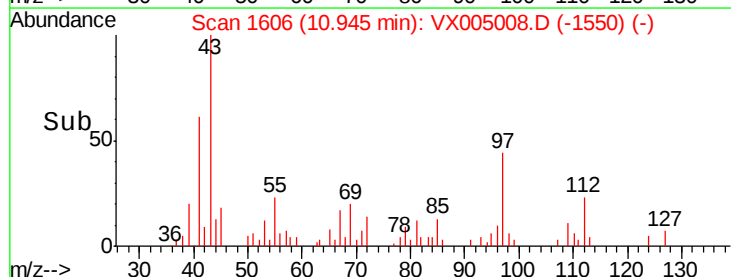
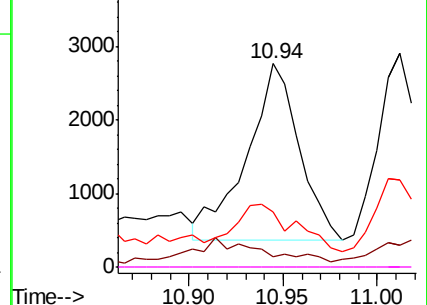


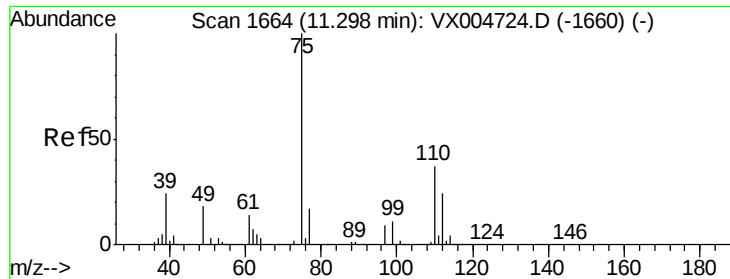
Abundance Ion 43.00 (42.70 to 43.70): VX0

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

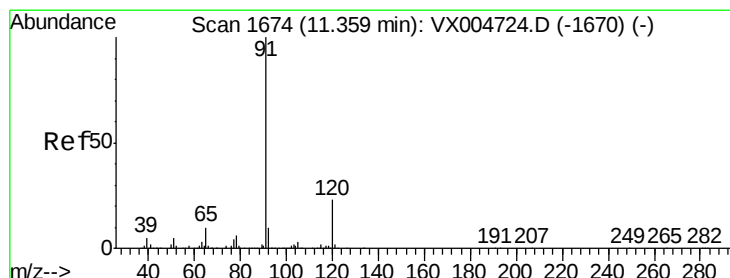
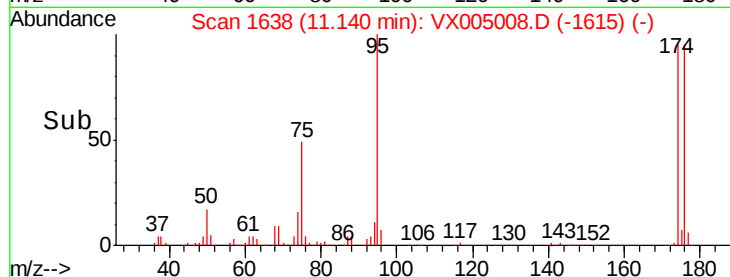
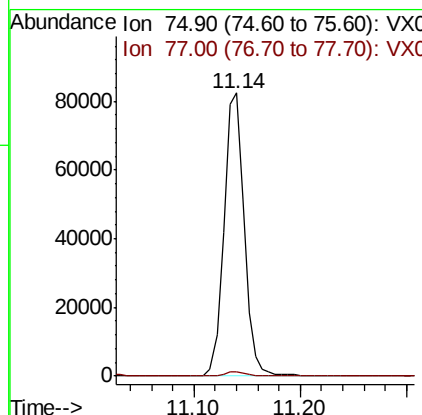
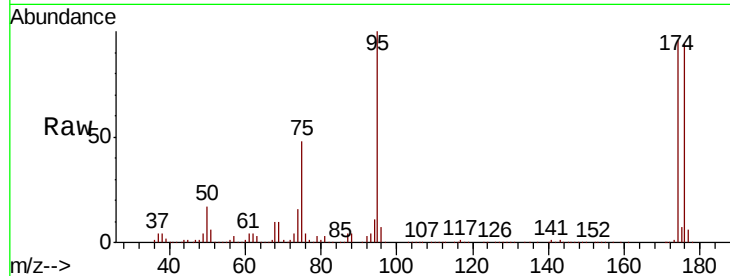




#76
1,2,3-Trichloropropane
Concen: 20.785 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005008.D
Acq: 04 Oct 2018 09:34

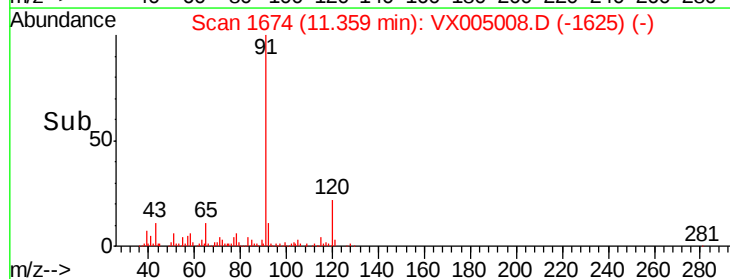
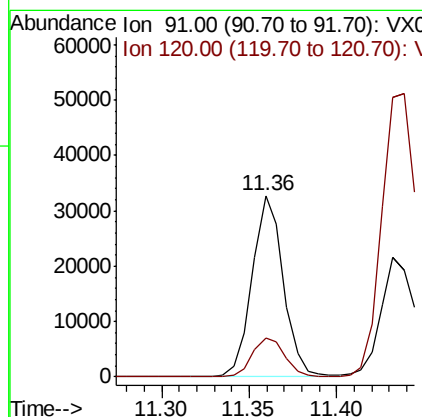
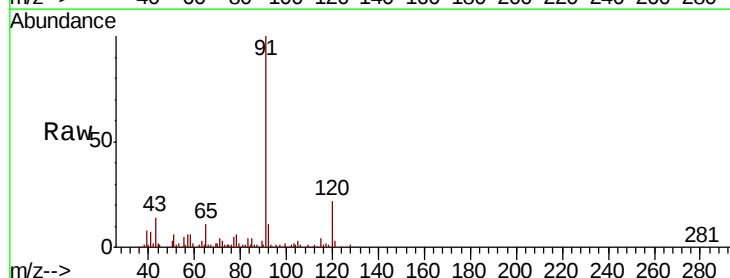
Instrument :
MSVOA_X
ClientSampleId :

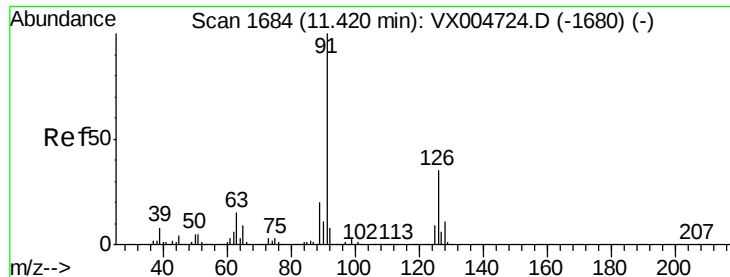
Tot Ion: 75 Resp: 109646
Ion Ratio Lower Upper
75 100
77 1.3 21.4 64.3#



#78
n-propylbenzene
Concen: 2.363 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX005008.D
Acq: 04 Oct 2018 09:34

Tgt Ion: 91 Resp: 40227
Ion Ratio Lower Upper
91 100
120 22.8 12.0 36.0





#79

2-Chlorotoluene

Concen: 3.338 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX005008.D

Acq: 04 Oct 2018 09:34

Instrument :

MSVOA_X

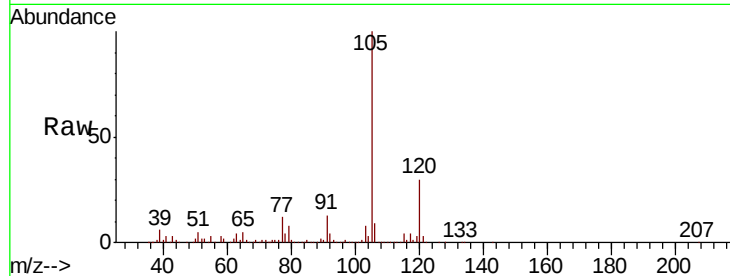
ClientSampled :

Tot Ion: 91 Resp: 35420

Ion Ratio Lower Upper

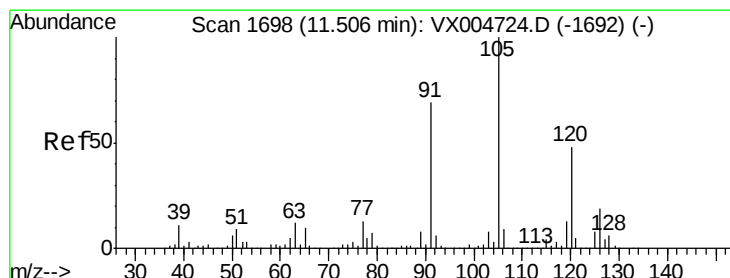
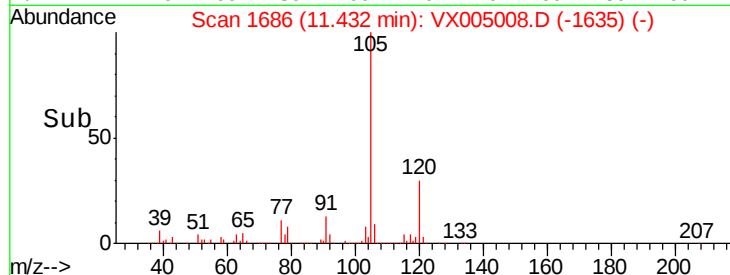
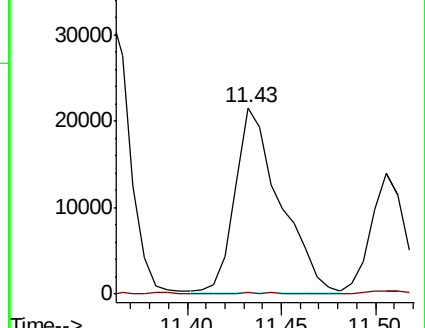
91 100

126 0.9 17.6 52.9#



Abundance Ion 91.00 (90.70 to 91.70): VX004724.D (-1680) (-)

Ion 125.90 (125.60 to 126.60): VX004724.D (-1680) (-)



#80

1,3,5-Trimethylbenzene

Concen: 12.030 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005008.D

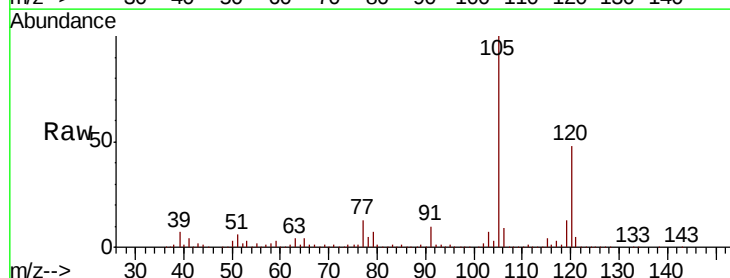
Acq: 04 Oct 2018 09:34

Tgt Ion: 105 Resp: 165615

Ion Ratio Lower Upper

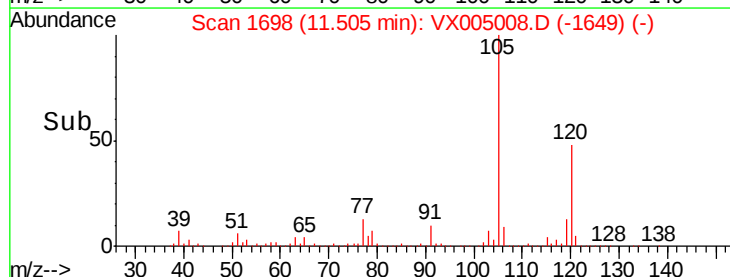
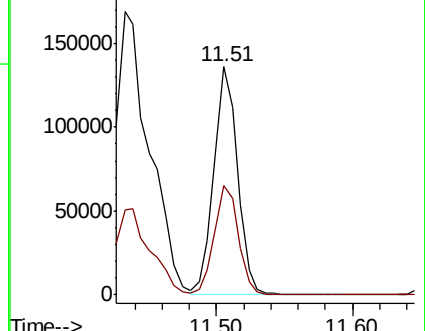
105 100

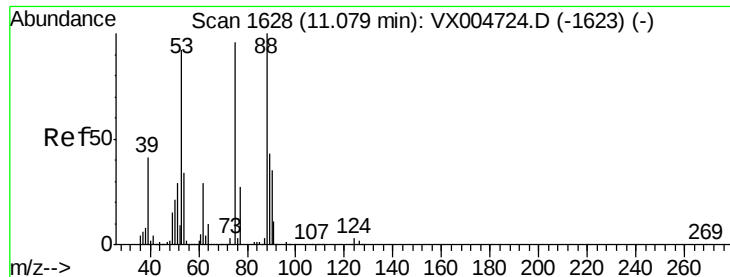
120 48.8 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX004724.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX004724.D (-1692) (-)

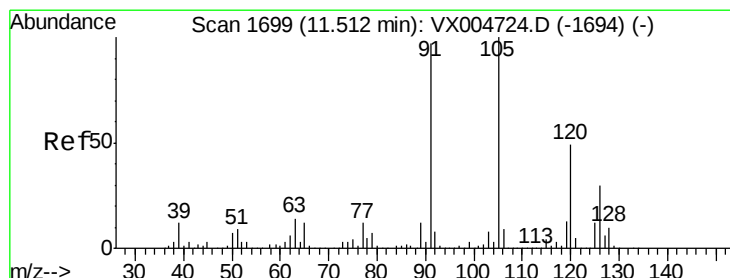
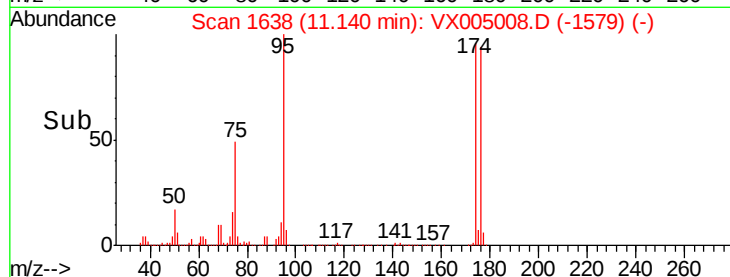
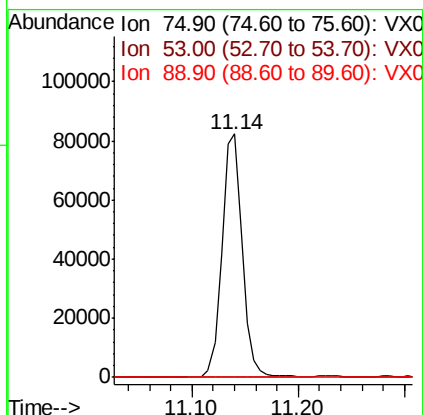
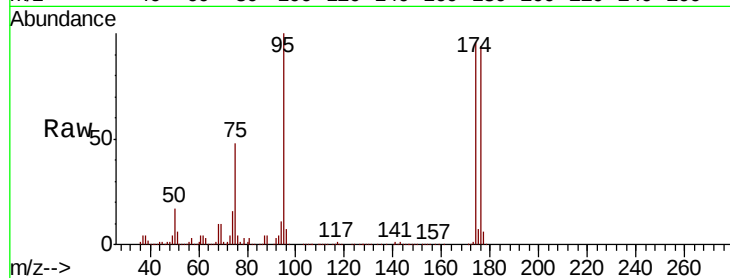




#81
trans-1,4-Dichloro-2-butene
Concen: 56.423 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX005008.D
Acq: 04 Oct 2018 09:34

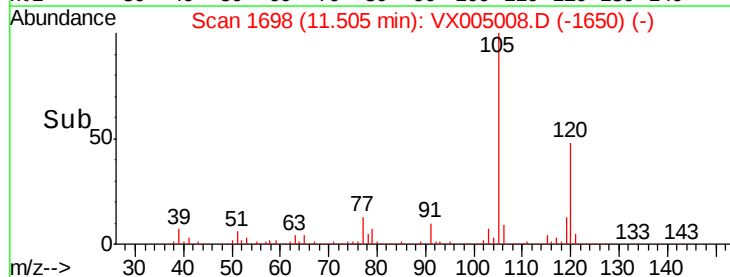
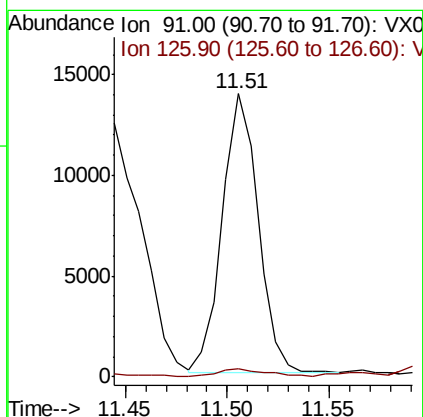
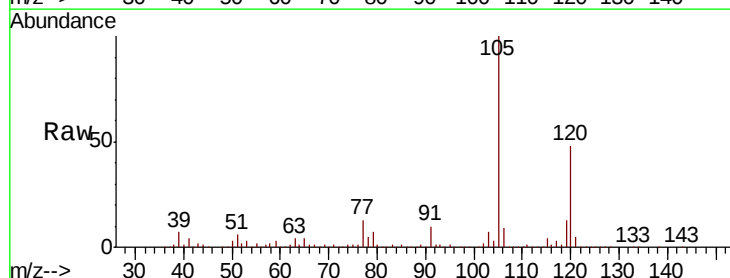
Instrument :
MSVOA_X
ClientSampled :

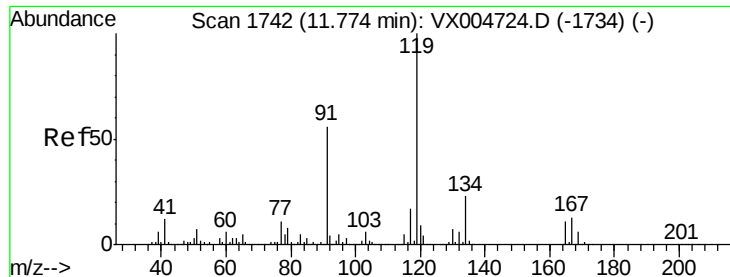
Tot Ion: 75 Resp: 109646
Ion Ratio Lower Upper
75 100
53 0.3 80.2 120.4#
89 0.0 37.1 55.7#



#82
4-Chlorotoluene
Concen: 1.355 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX005008.D
Acq: 04 Oct 2018 09:34

Tgt Ion: 91 Resp: 16927
Ion Ratio Lower Upper
91 100
126 4.2 15.5 46.5#

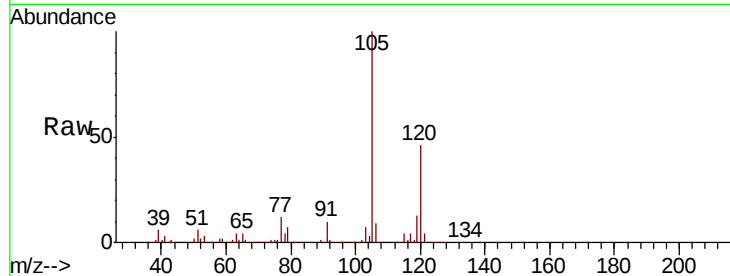




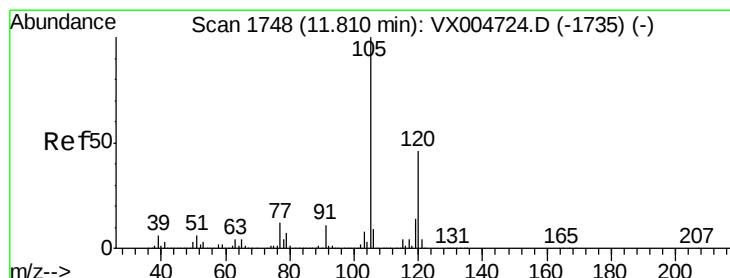
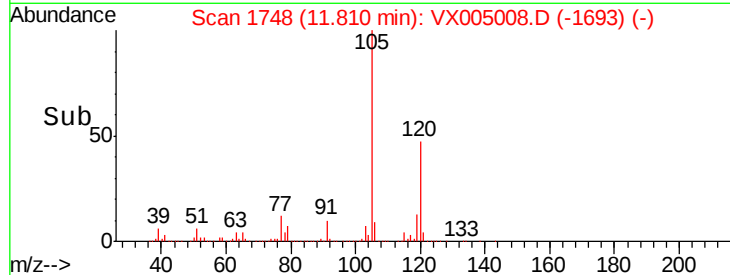
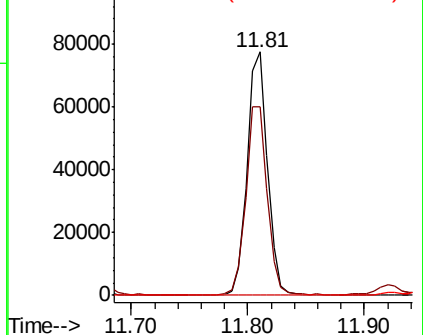
#83
 tert-Butylbenzene
 Concen: 7.739 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.04 min
 Lab File: VX005008.D
 Acq: 04 Oct 2018 09:34

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:119 Resp: 94526
 Ion Ratio Lower Upper
 119 100
 91 81.2 27.5 82.5
 134 0.3 11.5 34.4#

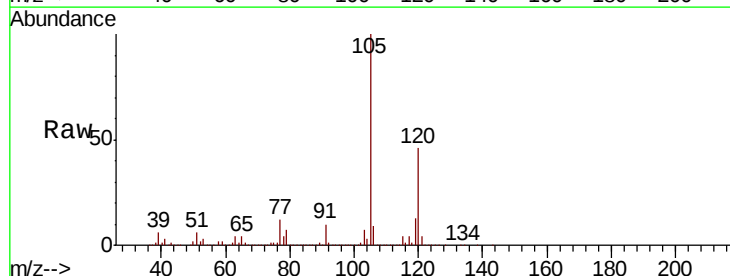


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX
 Ion 134.00 (133.70 to 134.70): V

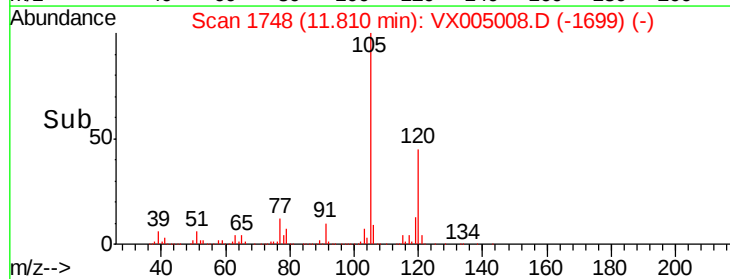
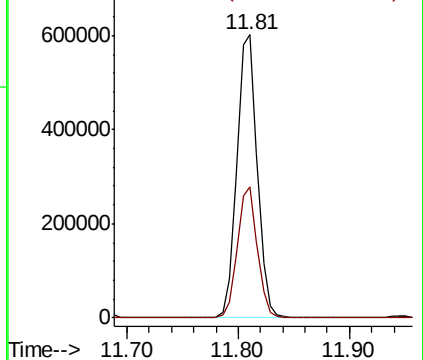


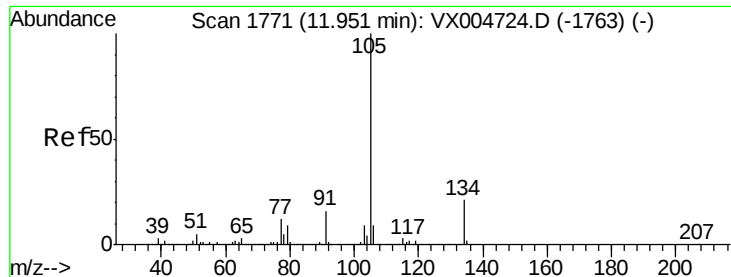
#84
 1,2,4-Trimethylbenzene
 Concen: 53.913 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005008.D
 Acq: 04 Oct 2018 09:34

Tgt Ion:105 Resp: 755751
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.8 68.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.799 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. -0.14 min

Lab File: VX005008.D

Acq: 04 Oct 2018 09:34

Instrument :

MSVOA_X

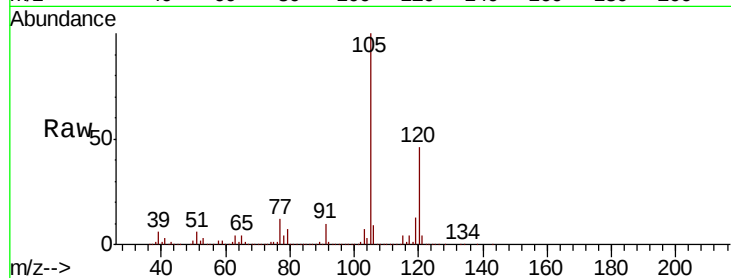
ClientSampleId :

Tot Ion:105 Resp: 755751

Ion Ratio Lower Upper

105 100

134 0.0 10.2 30.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

600000

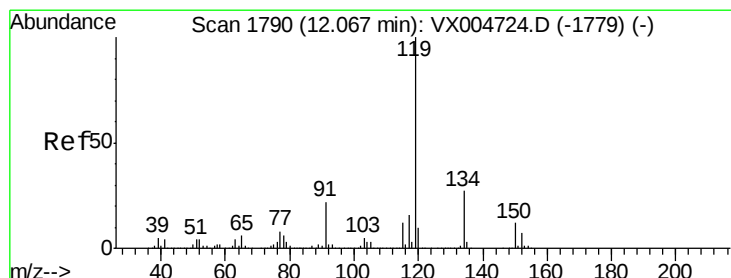
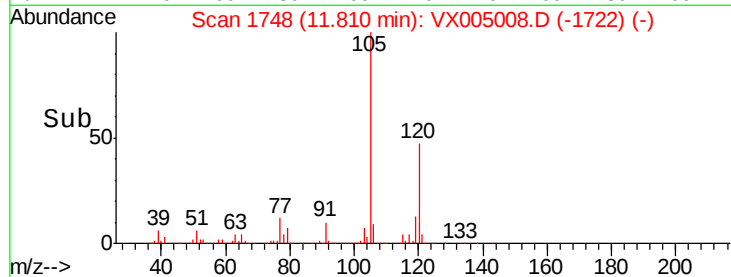
400000

200000

0

11.70 11.80 11.90

Time-->



#86

p-Isopropyltoluene

Concen: 0.928 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.04 min

Lab File: VX005008.D

Acq: 04 Oct 2018 09:34

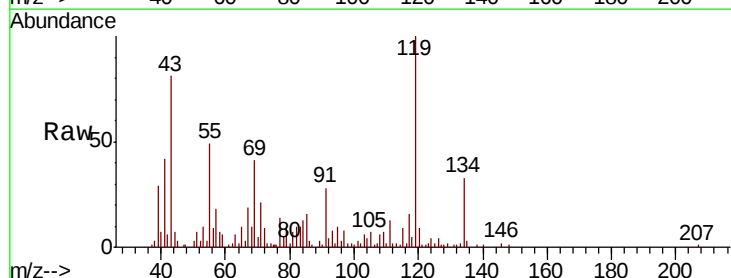
Tgt Ion:119 Resp: 12508

Ion Ratio Lower Upper

119 100

134 29.1 13.4 40.1

91 27.4 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

12000

10000

8000

6000

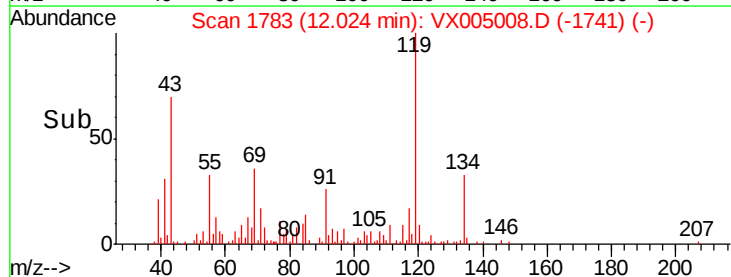
4000

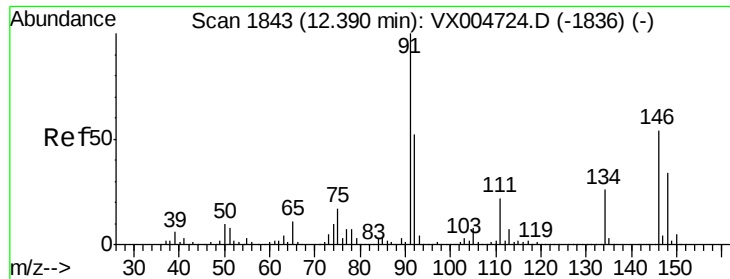
2000

0

12.00 12.05

Time-->





#89

n-Butylbenzene

Concen: 1.705 ug/l

RT: 12.38 min Scan# 1841

Delta R.T. -0.01 min

Lab File: VX005008.D

Acq: 04 Oct 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

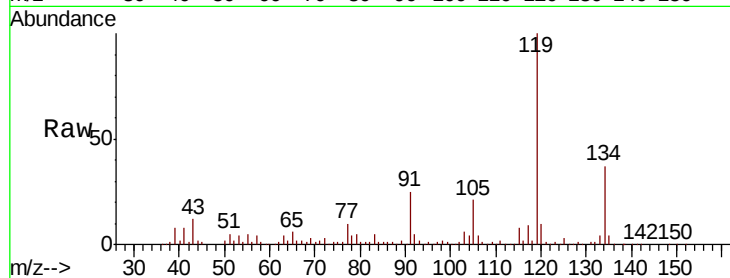
Tot Ion: 91 Resp: 20867

Ion Ratio Lower Upper

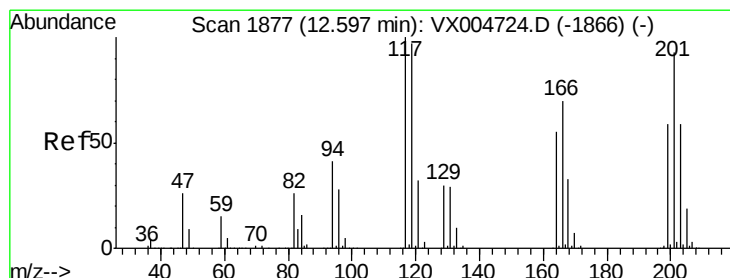
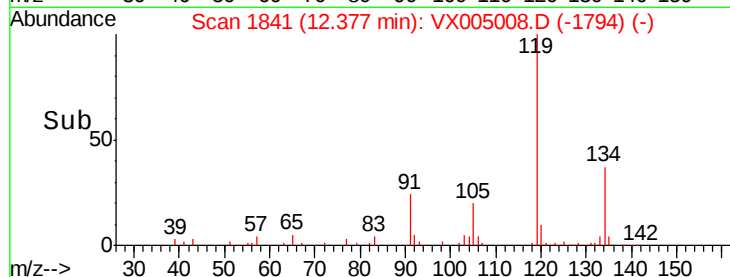
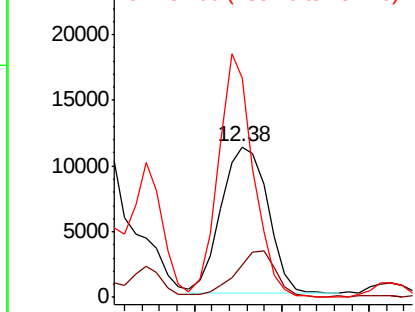
91 100

92 28.0 26.0 78.0

134 123.6 13.2 39.6#



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 2.080 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX005008.D

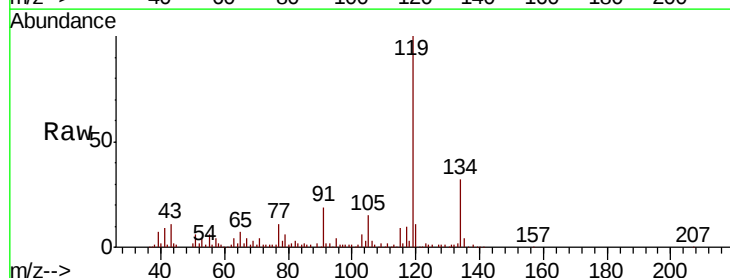
Acq: 04 Oct 2018 09:34

Tgt Ion: 117 Resp: 4668

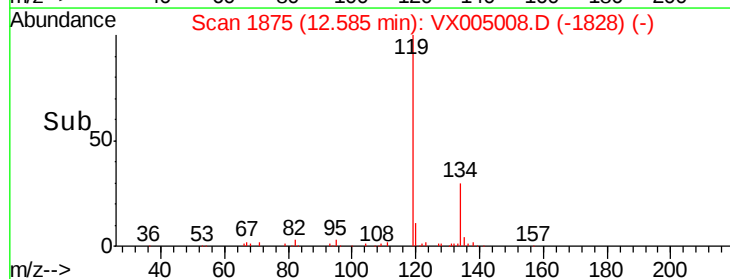
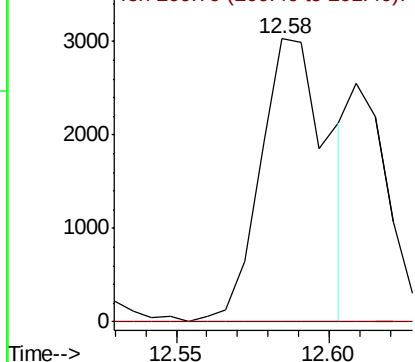
Ion Ratio Lower Upper

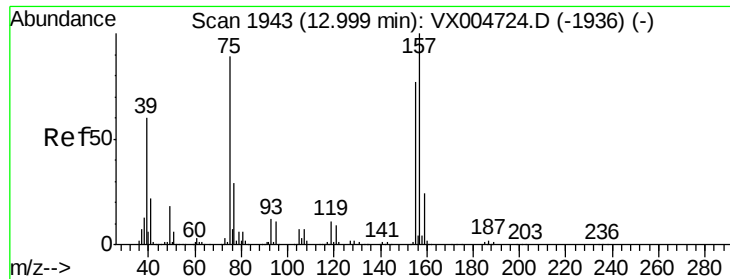
117 100

201 0.0 48.4 145.0#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

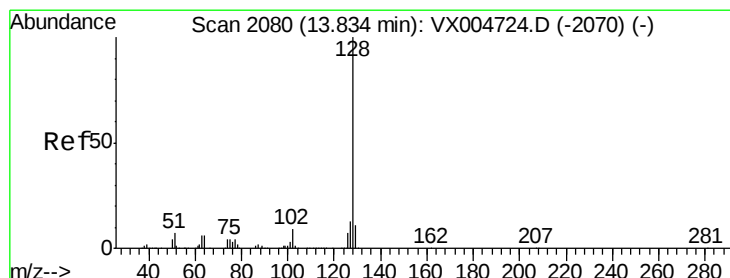
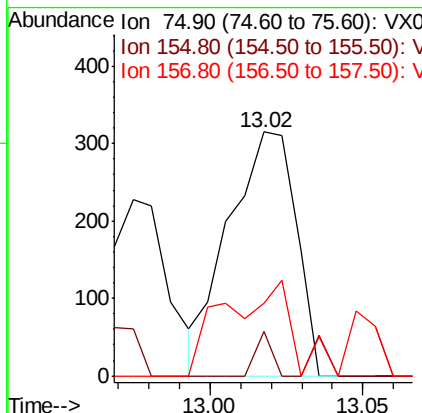
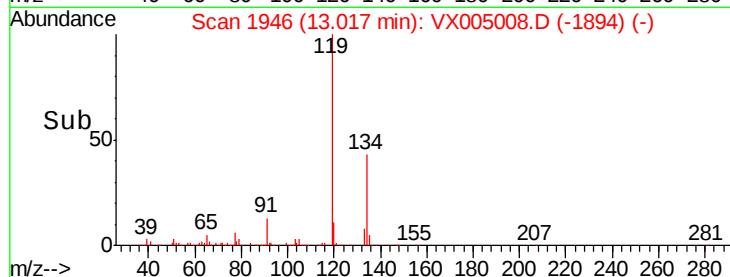
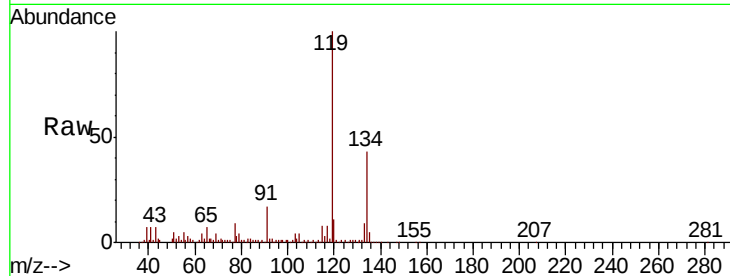




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.362 ug/l
 RT: 13.02 min Scan# 1946
 Delta R.T. 0.02 min
 Lab File: VX005008.D
 Acq: 04 Oct 2018 09:34

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 480
 Ion Ratio Lower Upper
 75 100
 155 4.4 46.1 138.3#
 157 39.8 60.2 180.6#



#95
 Naphthalene
 Concen: 14.136 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX005008.D
 Acq: 04 Oct 2018 09:34

Tgt Ion: 128 Resp: 266493
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.4 15.6
 129 10.9 8.7 13.1

