

Data File : VW004872.D
Acq On : 22 Aug 2018 06:37
Operator : SY/AP
Sample : J4524-02RE
Misc : 5.18G/5ML/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
Y-1803RE

Quant Time: Aug 22 07:51:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:49:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	559297	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	919550	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	886763	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	426993	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	308733	57.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.20%	
35) Dibromofluoromethane	7.90	113	519	0.09	ug/l	0.01
Spiked Amount	50.000		Recovery	=	0.18%	
50) Toluene-d8	10.33	98	1090541	47.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.06%	
62) 4-Bromofluorobenzene	12.63	95	368371	44.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.26%	

Target Compounds

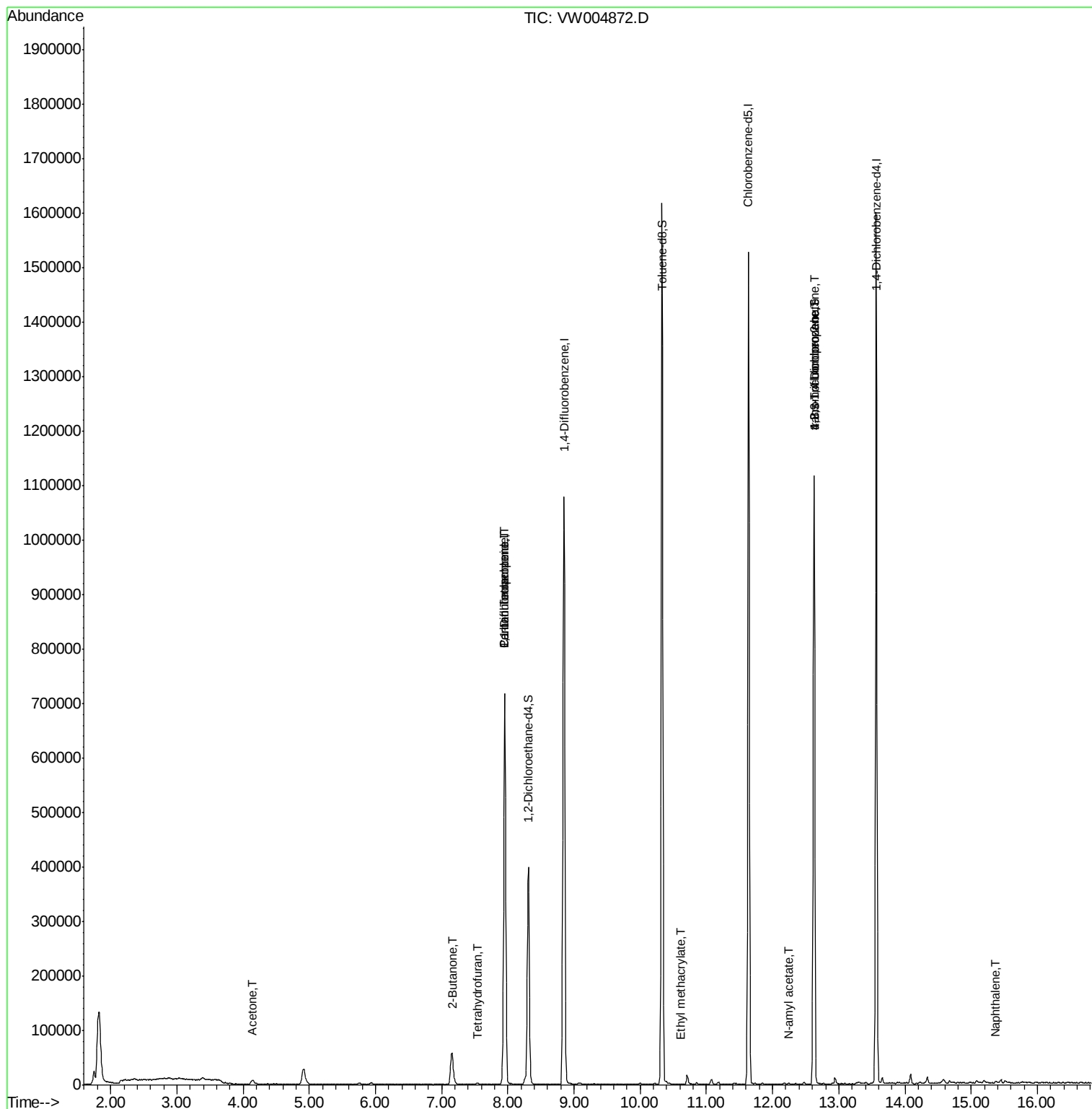
					Qvalue	
16) Acetone	4.15	43	14738	10.677	ug/l	90
20) Methylene Chloride	4.92	84	25224	Below	Cal	91
25) 2-Butanone	7.16	43	2608	1.326	ug/l #	83
29) Tetrahydrofuran	7.54	42	1810	1.805	ug/l #	90
36) 1,1-Dichloropropene	7.95	75	41562	4.387	ug/l #	49
38) Carbon Tetrachloride	7.95	117	51714	5.931	ug/l #	16
56) Ethyl methacrylate	10.61	69	27	2.984	ug/l #	1
74) N-amyl acetate	12.24	43	1605	4.236	ug/l #	49
76) 1,2,3-Trichloropropane	12.62	75	173692	46.145	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	173692	107.254	ug/l #	14
95) Naphthalene	15.38	128	2811	3.656	ug/l	99

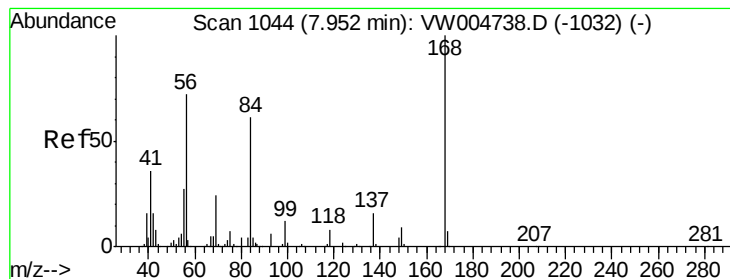
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW004872.D
Acq On : 22 Aug 2018 06:37
Operator : SY/AP
Sample : J4524-02RE
Misc : 5.18G/5ML/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
Y-1803RE

Quant Time: Aug 22 07:51:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:49:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004872.D

Acq: 22 Aug 2018 06:37

Instrument :

MSVOA_W

ClientSampleId :

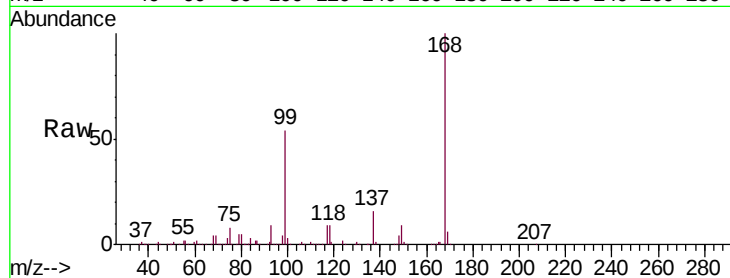
Y-1803RE

Tgt Ion:168 Resp: 559297

Ion Ratio Lower Upper

168 100

99 53.5 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

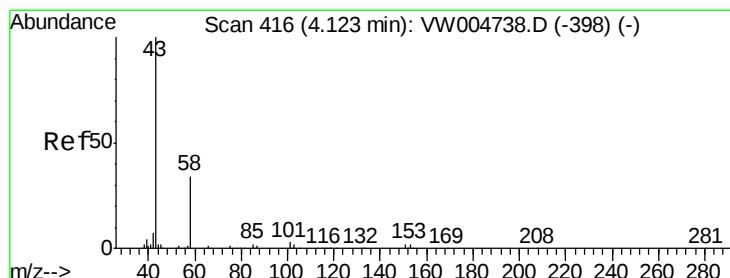
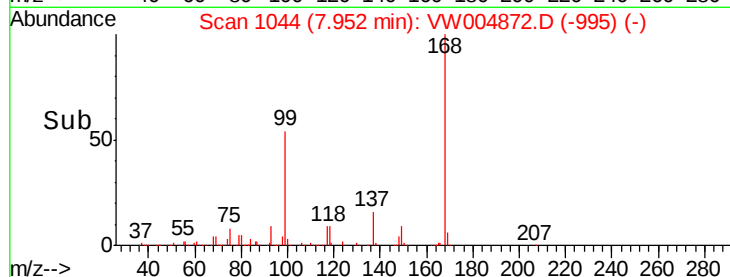
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 10.677 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.02 min

Lab File: VW004872.D

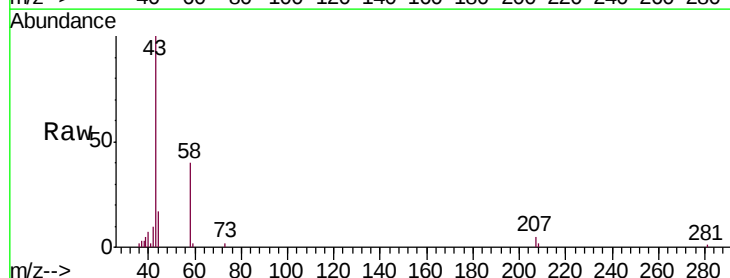
Acq: 22 Aug 2018 06:37

Tgt Ion: 43 Resp: 14738

Ion Ratio Lower Upper

43 100

58 39.8 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

5000

4000

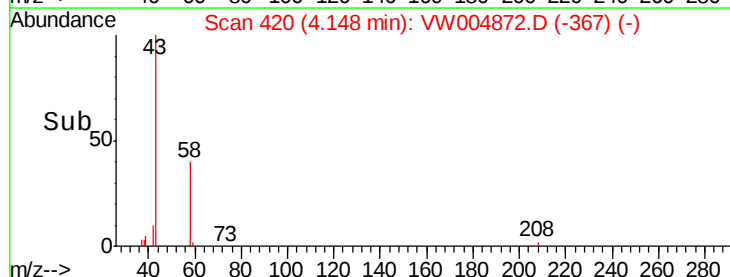
3000

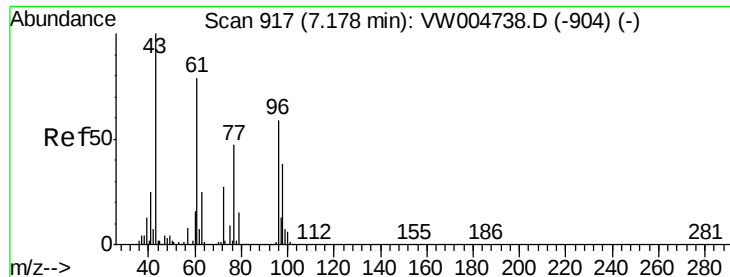
2000

1000

0

Time-->

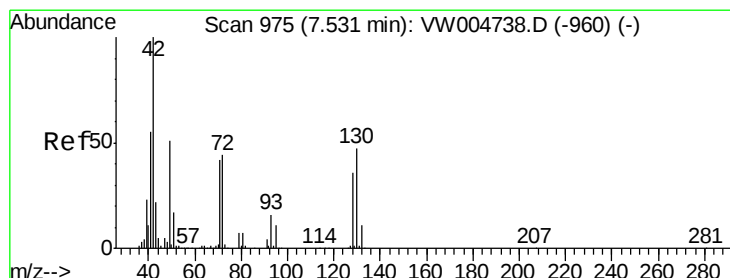
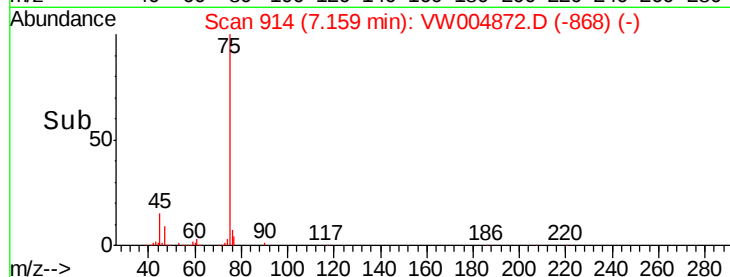
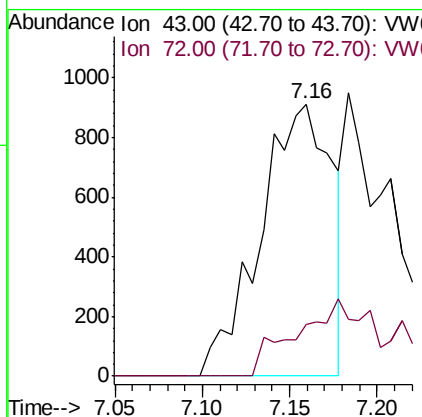
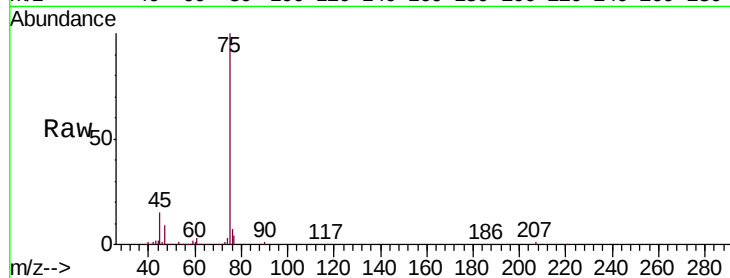




#25
2-Butanone
Concen: 1.326 ug/l
RT: 7.16 min Scan# 914
Delta R.T. -0.02 min
Lab File: VW004872.D
Acq: 22 Aug 2018 06:37

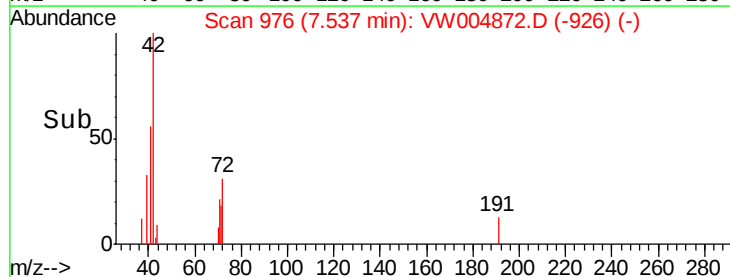
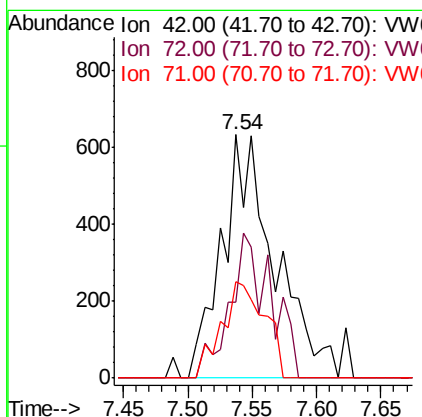
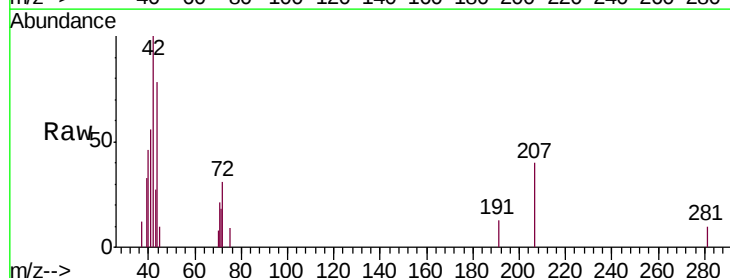
Instrument :
MSVOA_W
ClientSampled :
Y-1803RE

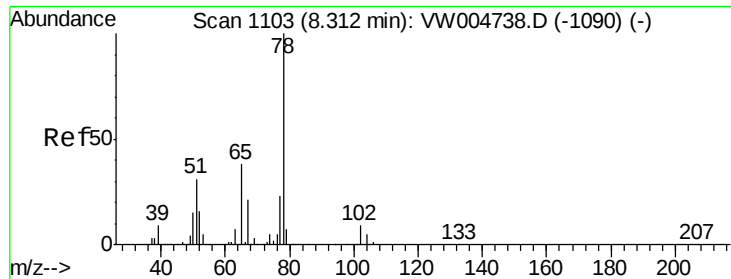
Tgt Ion: 43 Resp: 2608
Ion Ratio Lower Upper
43 100
72 18.9 22.0 33.0#



#29
Tetrahydrofuran
Concen: 1.805 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.01 min
Lab File: VW004872.D
Acq: 22 Aug 2018 06:37

Tgt Ion: 42 Resp: 1810
Ion Ratio Lower Upper
42 100
72 46.1 34.9 52.3
71 32.2 33.8 50.6#

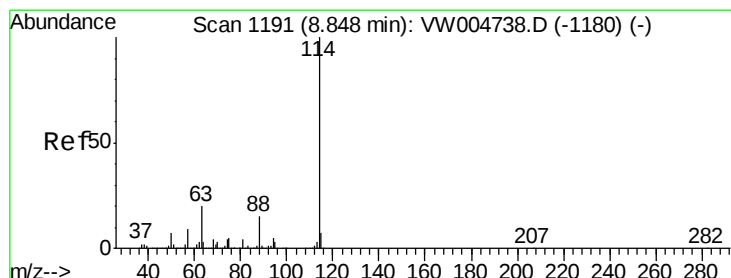
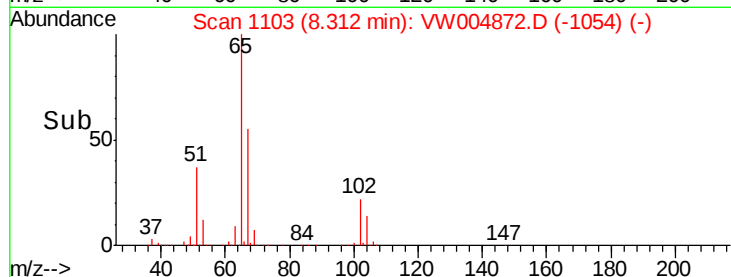
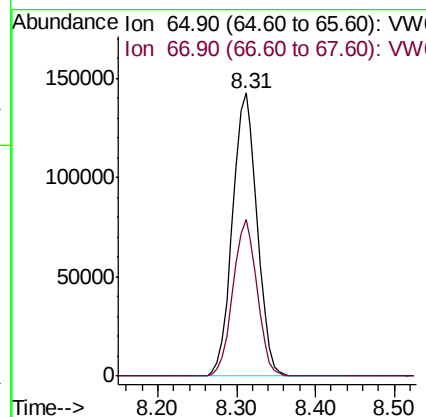
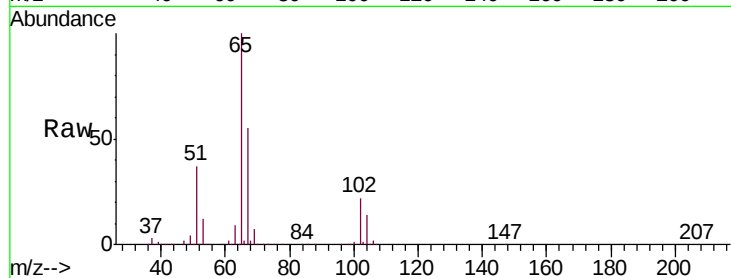




#33
 1,2-Dichloroethane-d4
 Concen: 57.096 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW004872.D
 Acq: 22 Aug 2018 06:37

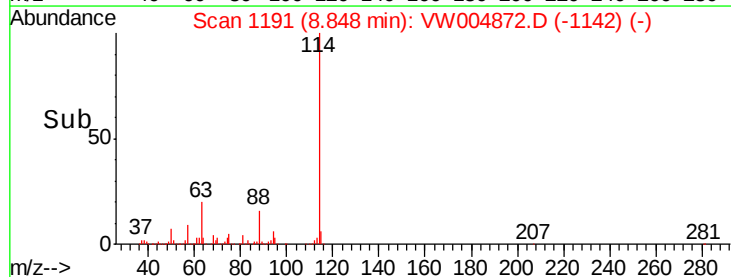
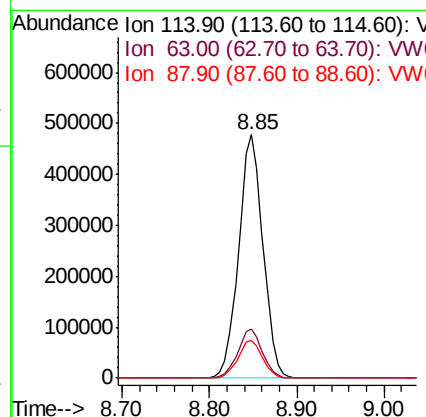
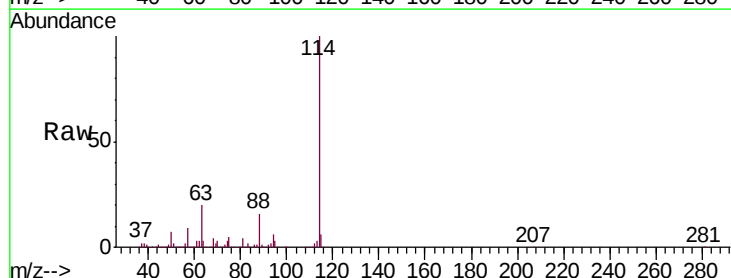
Instrument :
 MSVOA_W
 ClientSampleId :
 Y-1803RE

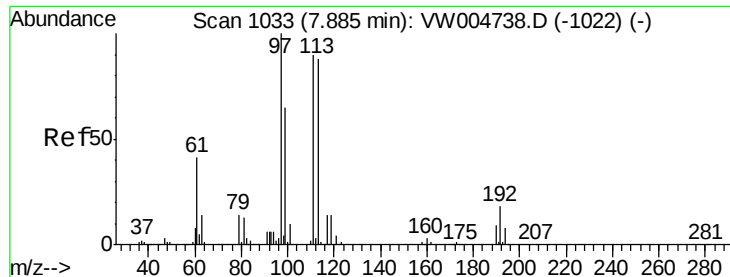
Tgt Ion: 65 Resp: 308733
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004872.D
 Acq: 22 Aug 2018 06:37

Tgt Ion: 114 Resp: 919550
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.0
 88 15.7 0.0 30.0

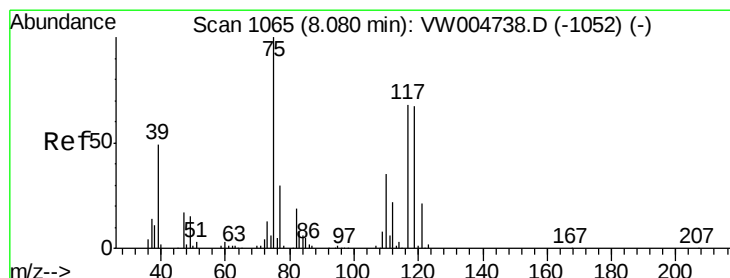
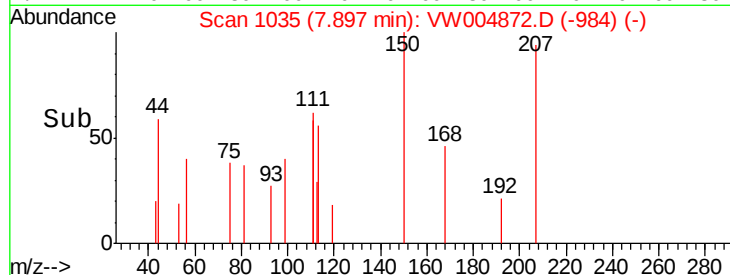
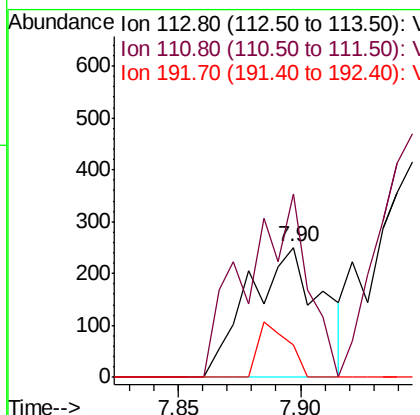
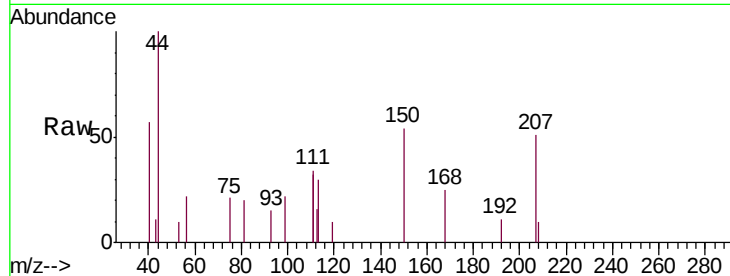




#35
 Dibromofluoromethane
 Concen: 0.088 ug/l
 RT: 7.90 min Scan# 1035
 Delta R.T. 0.01 min
 Lab File: VW004872.D
 Acq: 22 Aug 2018 06:37

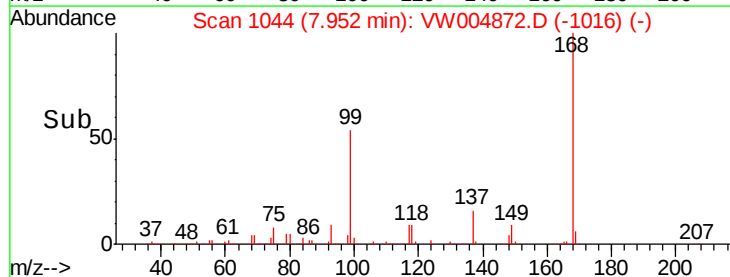
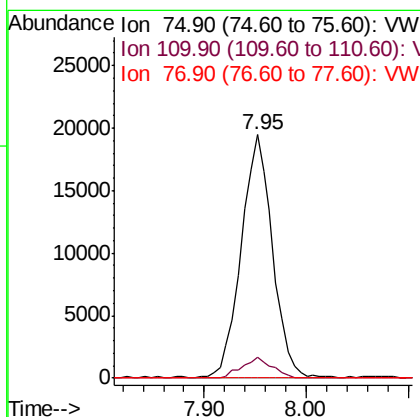
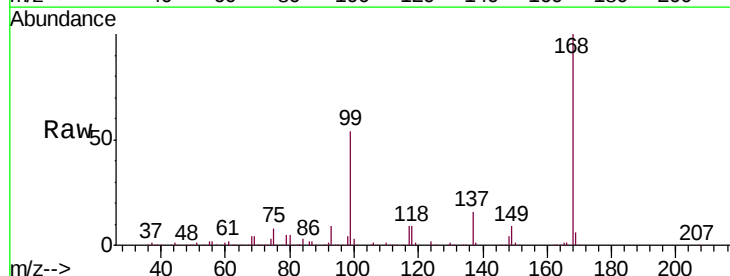
Instrument :
 MSVOA_W
 ClientSampleId :
 Y-1803RE

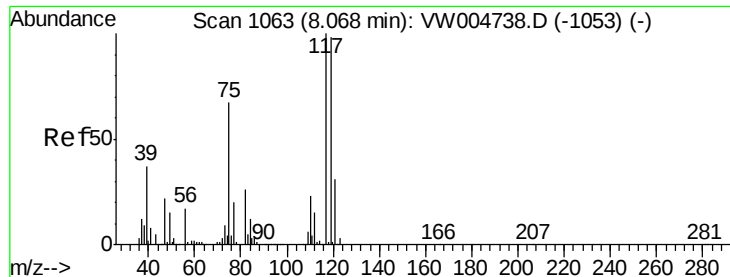
Tgt Ion: 113 Resp: 519
 Ion Ratio Lower Upper
 113 100
 111 120.0 82.4 123.6
 192 17.9 16.7 25.1



#36
 1,1-Dichloropropene
 Concen: 4.387 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004872.D
 Acq: 22 Aug 2018 06:37

Tgt Ion: 75 Resp: 41562
 Ion Ratio Lower Upper
 75 100
 110 8.1 17.8 53.5#
 77 0.0 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 5.931 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004872.D

Acq: 22 Aug 2018 06:37

Instrument :

MSVOA_W

ClientSampleId :

Y-1803RE

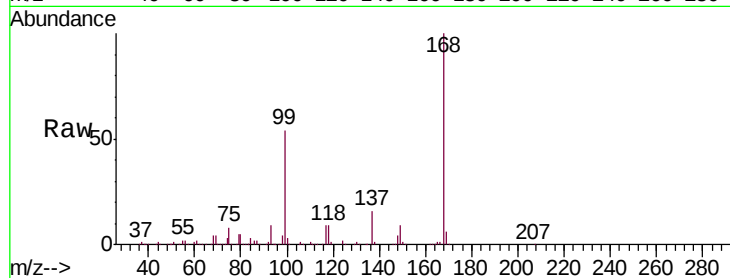
Tgt Ion:117 Resp: 51714

Ion Ratio Lower Upper

117 100

119 5.8 78.0 117.0#

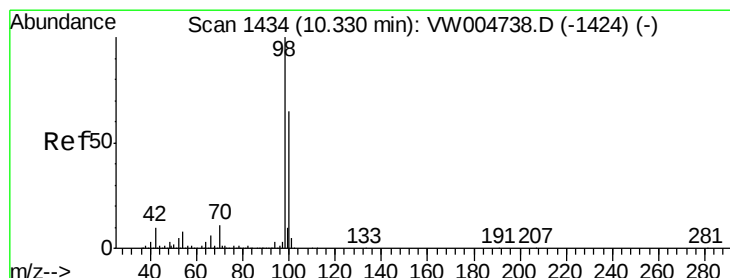
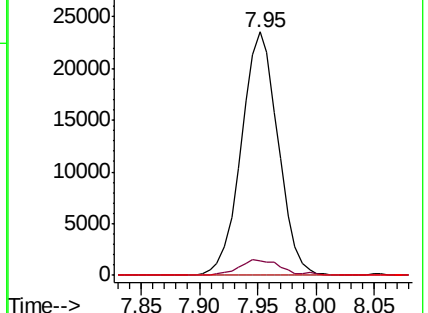
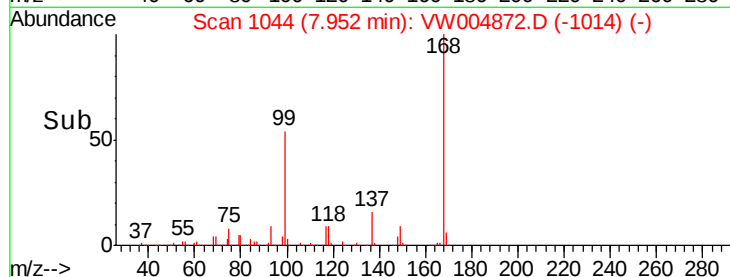
121 0.0 24.8 37.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 47.535 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004872.D

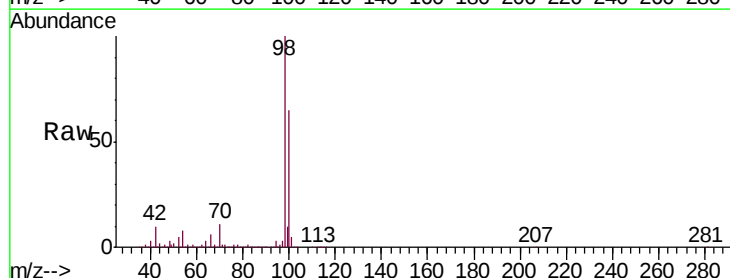
Acq: 22 Aug 2018 06:37

Tgt Ion: 98 Resp: 1090541

Ion Ratio Lower Upper

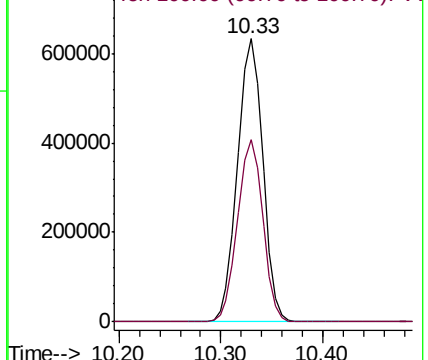
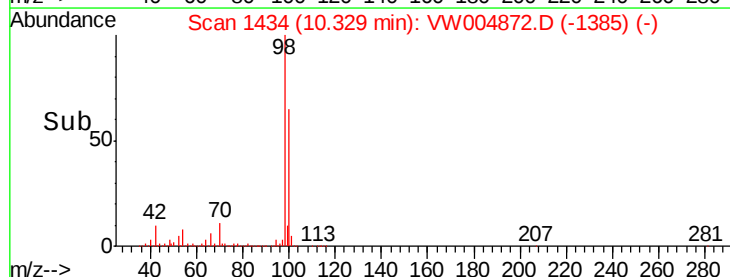
98 100

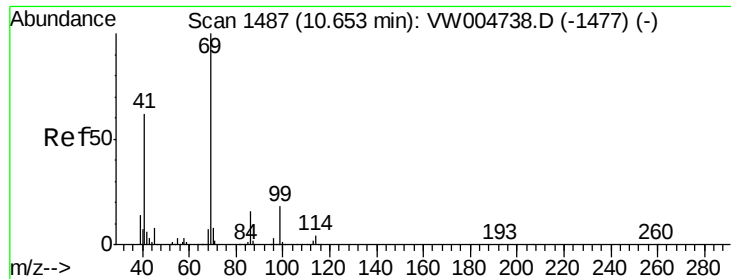
100 64.2 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

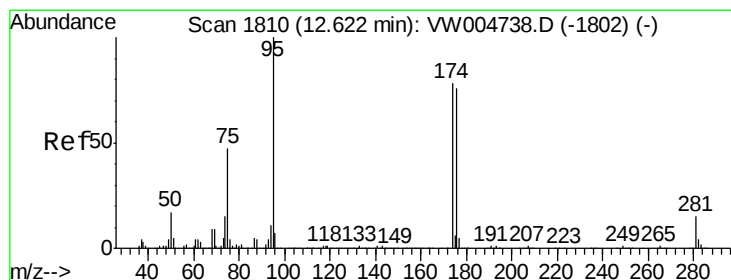
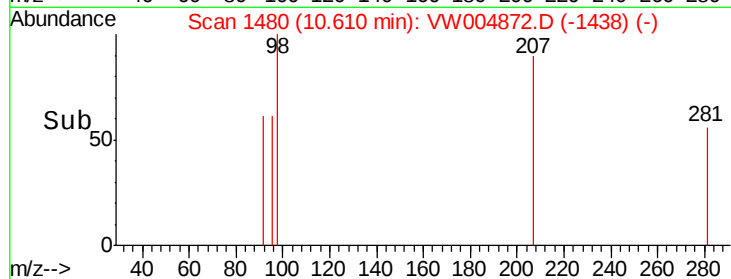
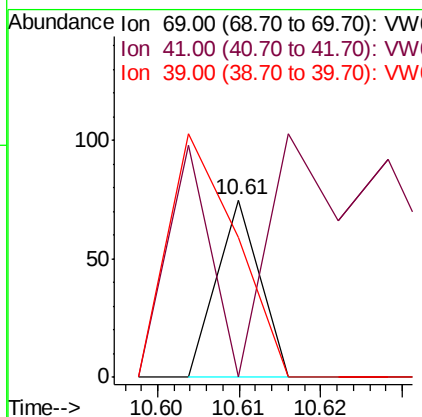
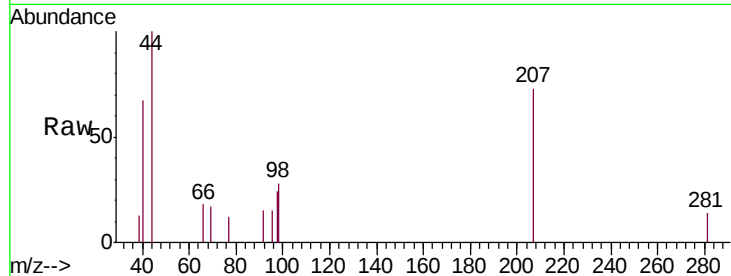




#56
Ethyl methacrylate
Concen: 2.984 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW004872.D
Acq: 22 Aug 2018 06:37

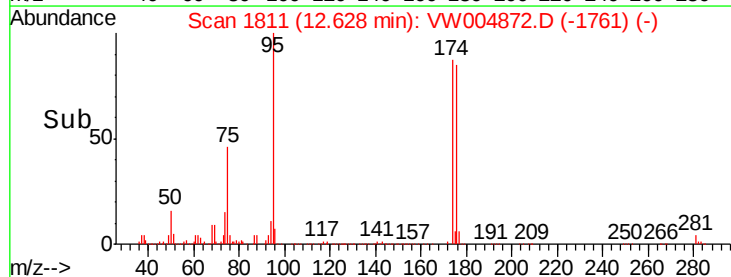
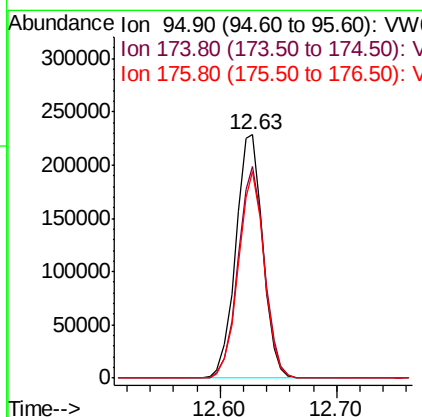
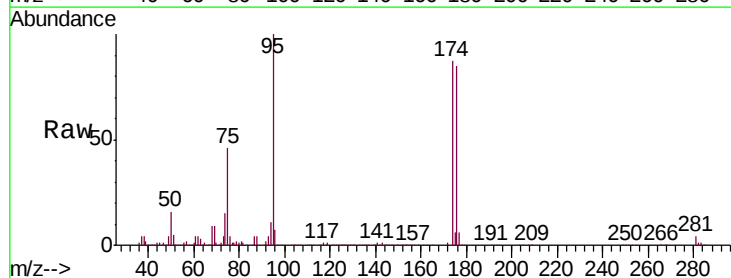
Instrument :
MSVOA_W
ClientSampled :
Y-1803RE

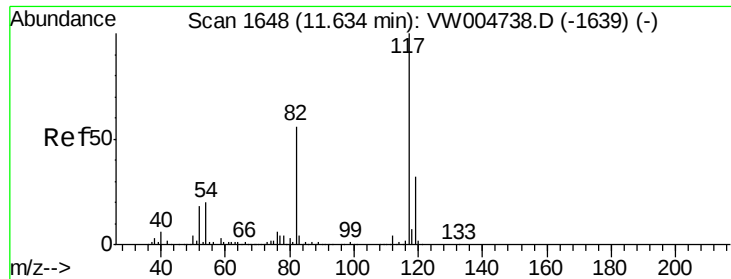
Tgt Ion: 69 Resp: 27
Ion Ratio Lower Upper
69 100
41 425.9 50.7 76.1#
39 0.0 21.4 32.2#



#62
4-Bromofluorobenzene
Concen: 44.631 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.01 min
Lab File: VW004872.D
Acq: 22 Aug 2018 06:37

Tgt Ion: 95 Resp: 368371
Ion Ratio Lower Upper
95 100
174 85.4 0.0 165.8
176 81.7 0.0 159.8

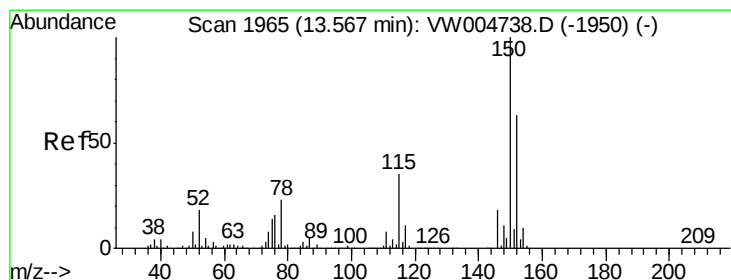
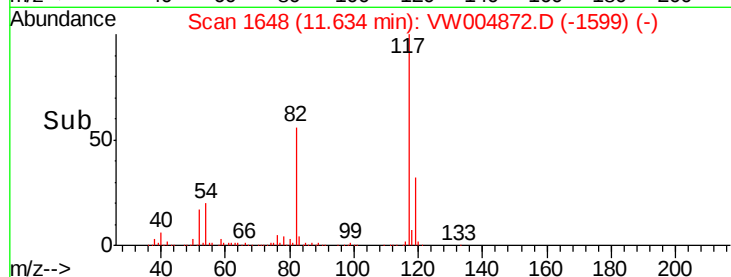
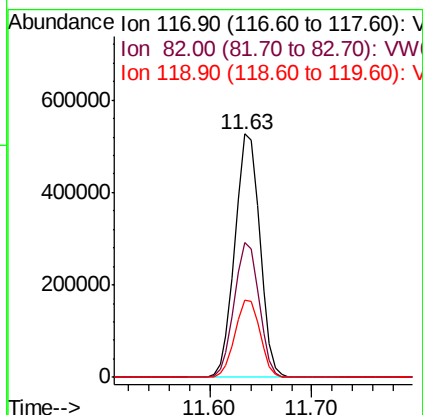
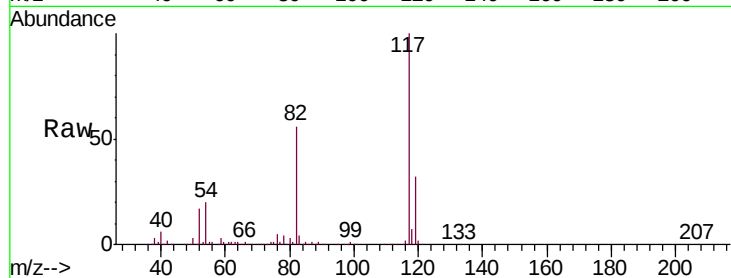




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004872.D
Acq: 22 Aug 2018 06:37

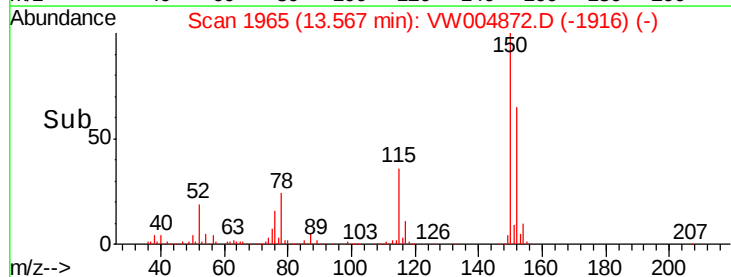
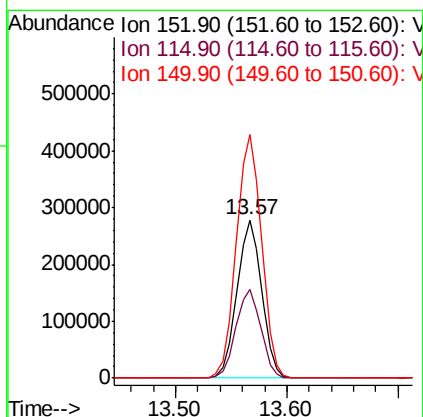
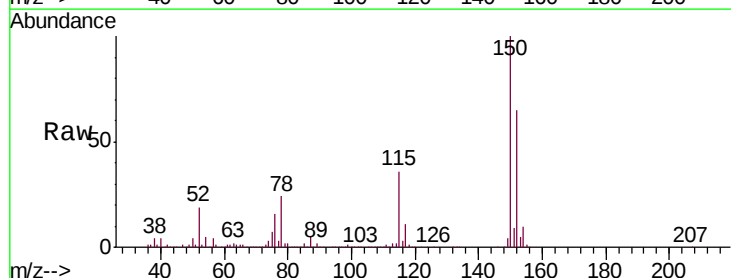
Instrument :
MSVOA_W
ClientSampleId :
Y-1803RE

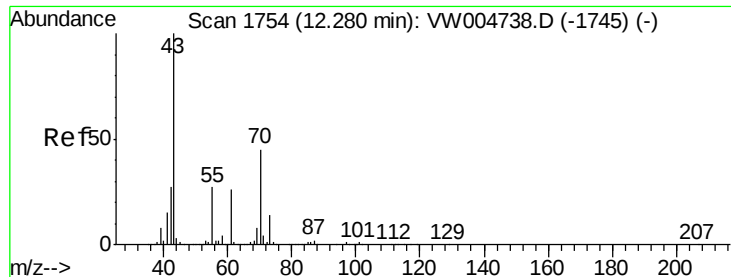
Tgt Ion:117 Resp: 886763
Ion Ratio Lower Upper
117 100
82 55.5 44.6 67.0
119 31.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004872.D
Acq: 22 Aug 2018 06:37

Tgt Ion:152 Resp: 426993
Ion Ratio Lower Upper
152 100
115 56.7 28.5 85.5
150 156.7 0.0 344.8

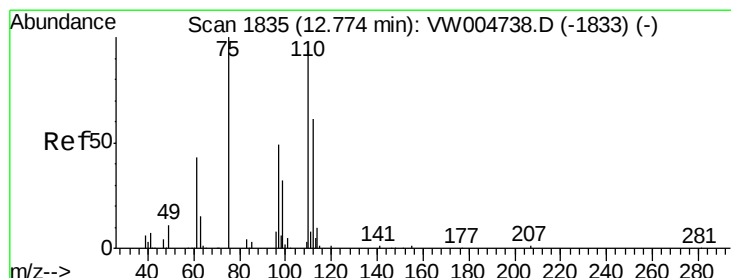
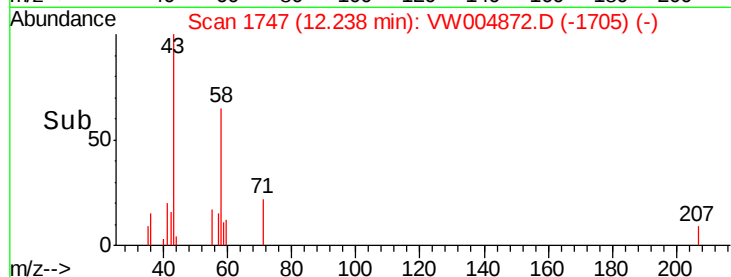
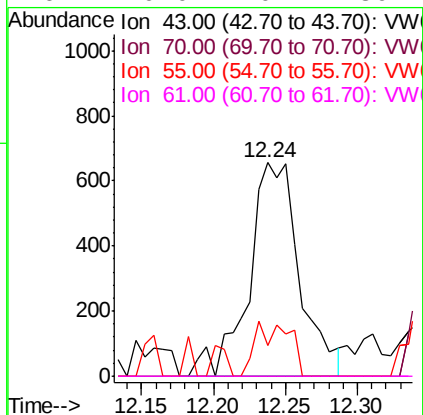
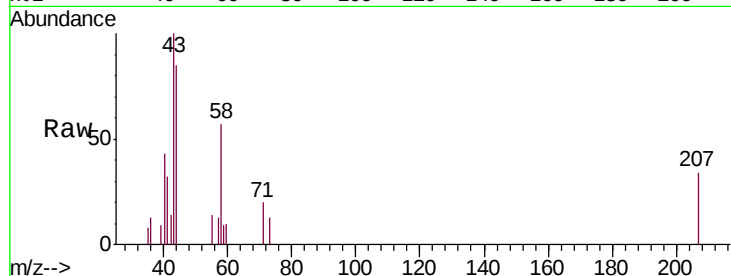




#74
N-ethyl acetate
Concen: 4.236 ug/l
RT: 12.24 min Scan# 1747
Delta R.T. -0.04 min
Lab File: VW004872.D
Acq: 22 Aug 2018 06:37

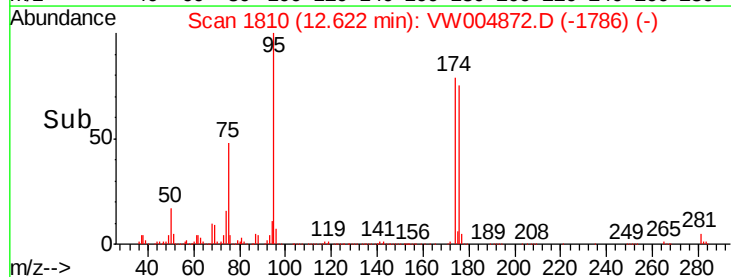
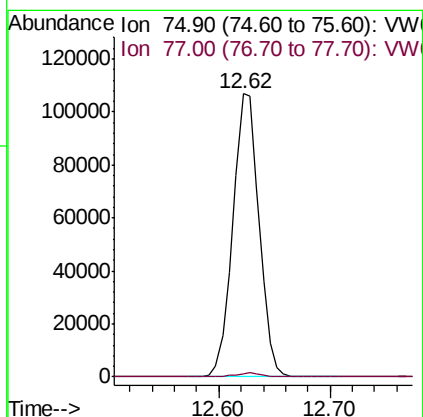
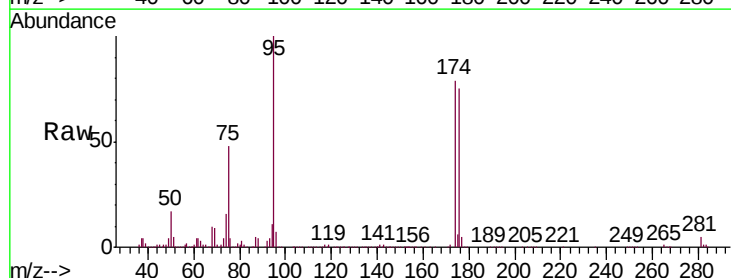
Instrument :
MSVOA_W
ClientSampleId :
Y-1803RE

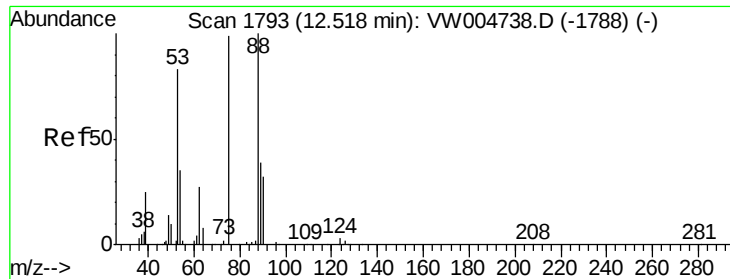
Tgt Ion:	43	Resp:	1605
Ion	Ratio	Lower	Upper
43	100		
70	0.0	36.3	54.5#
55	17.0	22.6	33.8#
61	0.0	20.2	30.4#



#76
1,2,3-Trichloropropane
Concen: 46.145 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.15 min
Lab File: VW004872.D
Acq: 22 Aug 2018 06:37

Tgt Ion:	75	Resp:	173692
Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#

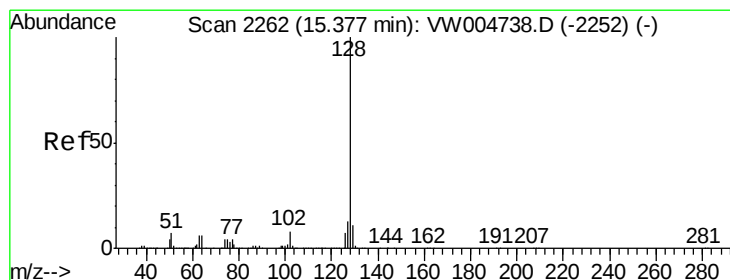
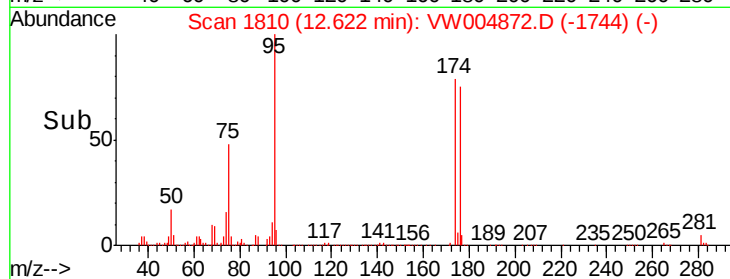
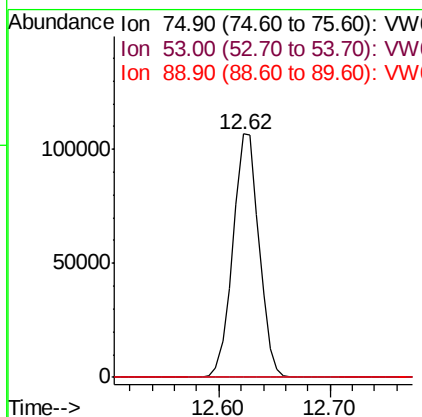
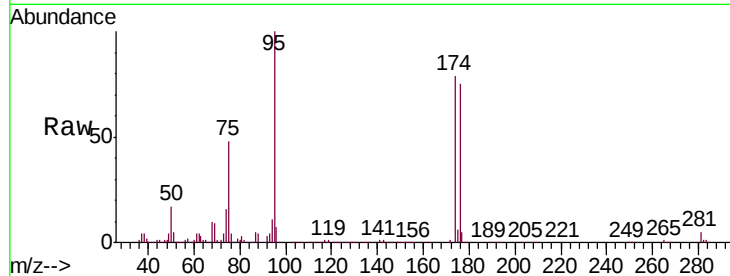




#81
 trans-1,4-Dichloro-2-butene
 Concen: 107.254 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW004872.D
 Acq: 22 Aug 2018 06:37

Instrument :
 MSVOA_W
 ClientSampled :
 Y-1803RE

Tgt Ion: 75 Resp: 173692
 Ion Ratio Lower Upper
 75 100
 53 0.3 72.2 108.4#
 89 0.0 35.2 52.8#



#95
 Naphthalene
 Concen: 3.656 ug/l
 RT: 15.38 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VW004872.D
 Acq: 22 Aug 2018 06:37

Tgt Ion: 128 Resp: 2811
 Ion Ratio Lower Upper
 128 100
 127 13.8 10.4 15.6
 129 10.5 8.6 13.0

