

Data File : VW011145.D
Acq On : 03 Jul 2019 17:38
Operator : SY/VA
Sample : K3668-01
Misc : 5.49G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TRANSFORMER-1

Quant Time: Jul 04 03:53:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 28 01:55:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	197585	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	339800	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	291528	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	123117	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	134029	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
35) Dibromofluoromethane	7.88	113	100148	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	
50) Toluene-d8	10.32	98	424049	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	
62) 4-Bromofluorobenzene	12.62	95	142001	45.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.92%	

Target Compounds

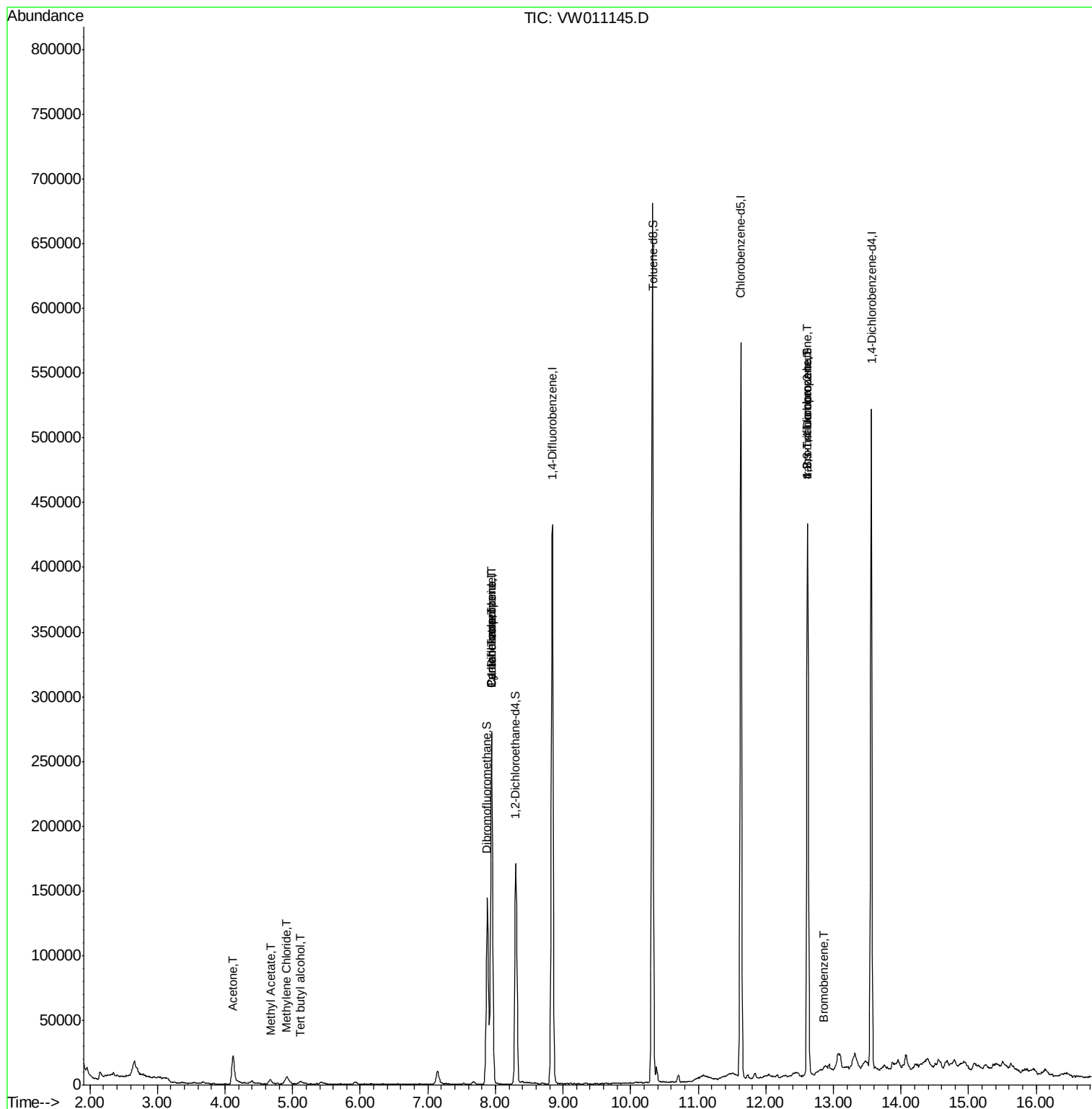
						Qvalue
11) Tert butyl alcohol	5.11	59	1897	10.112	ug/l #	71
16) Acetone	4.12	43	41273	65.462	ug/l	100
18) Methyl Acetate	4.67	43	5945	3.640	ug/l	99
20) Methylene Chloride	4.92	84	4440	1.733	ug/l	94
31) Cyclohexane	7.94	56	5251	1.063	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	17749	4.860	ug/l #	51
38) Carbon Tetrachloride	7.95	117	20085	6.678	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	76247	58.661	ug/l #	100
77) Bromobenzene	12.85	156	2476	1.221	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	76247	118.676	ug/l #	3

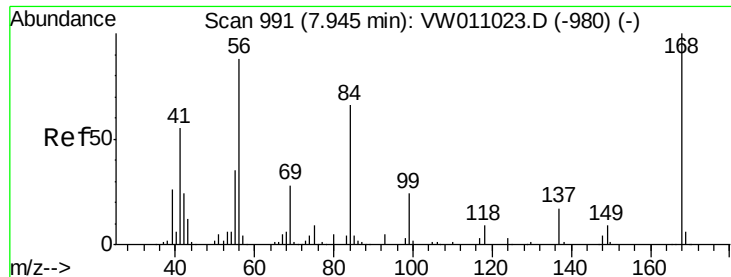
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011145.D

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Instrument :

MSVOA_W

ClientSampleId :

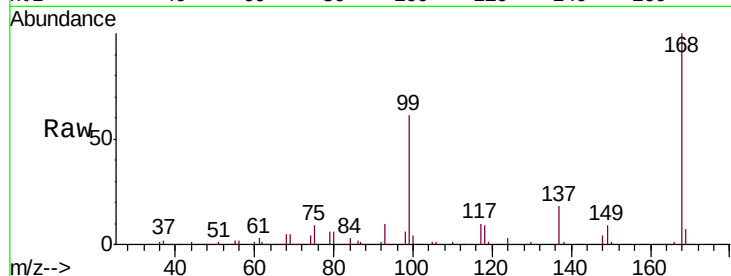
TRANSFORMER-1

Tgt Ion: 168 Resp: 197585

Ion Ratio Lower Upper

168 100

99 61.3 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

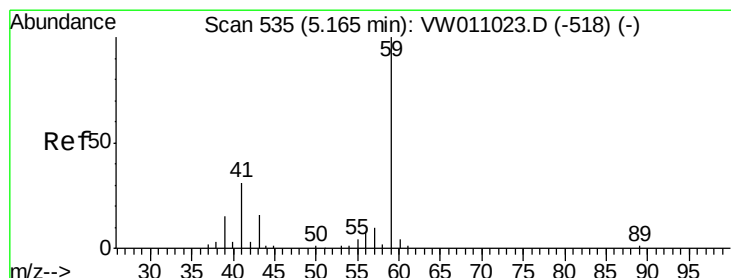
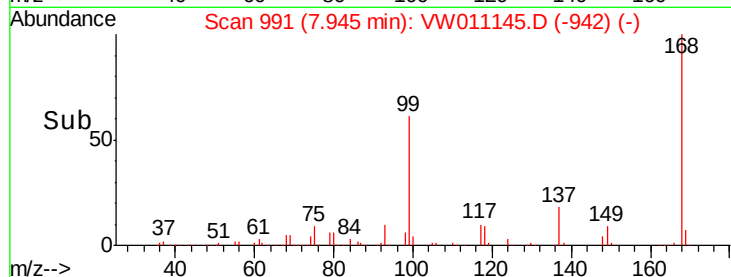
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 10.112 ug/l

RT: 5.11 min Scan# 526

Delta R.T. -0.05 min

Lab File: VW011145.D

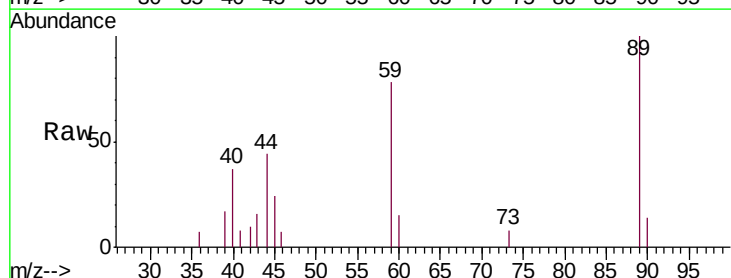
Acq: 03 Jul 2019 17:38

Tgt Ion: 59 Resp: 1897

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.11

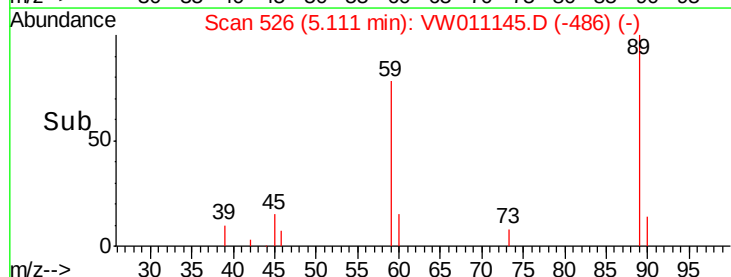
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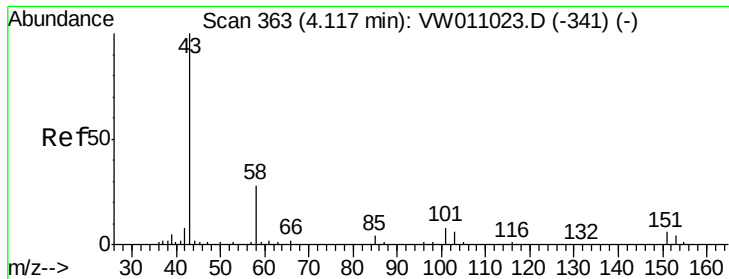
400

200

0

Time-->





#16

Acetone

Concen: 65.462 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW011145.D

Acq: 03 Jul 2019 17:38

Instrument :

MSVOA_W

ClientSampleId :

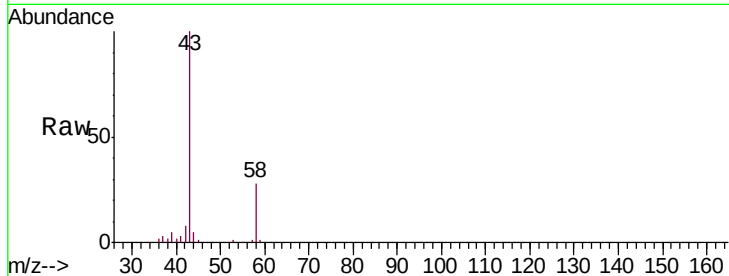
TRANSFORMER-1

Tgt Ion: 43 Resp: 41273

Ion Ratio Lower Upper

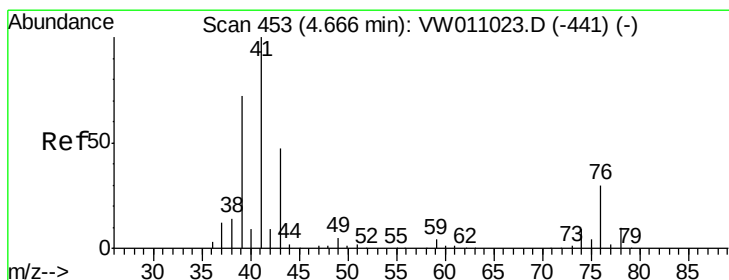
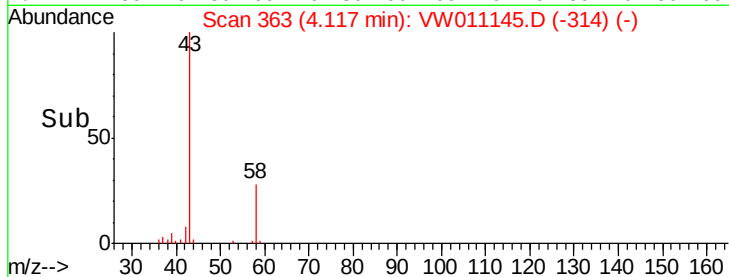
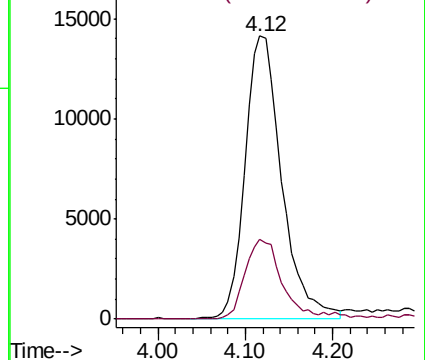
43 100

58 28.3 22.5 33.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#18

Methyl Acetate

Concen: 3.640 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW011145.D

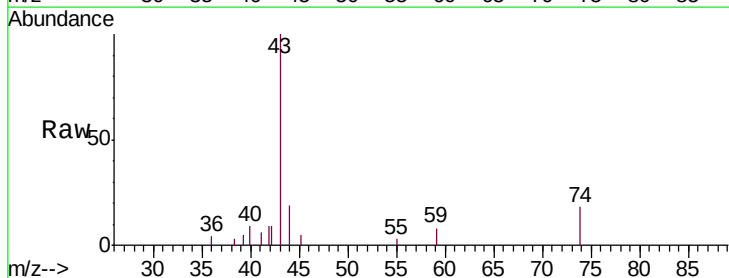
Acq: 03 Jul 2019 17:38

Tgt Ion: 43 Resp: 5945

Ion Ratio Lower Upper

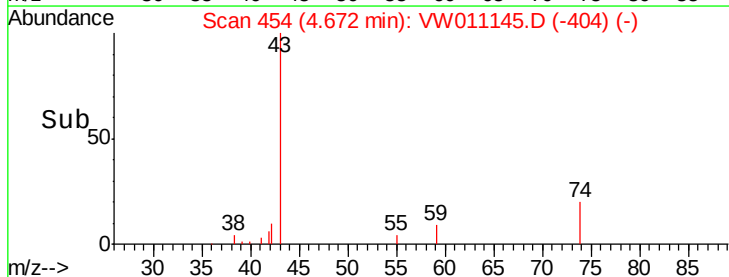
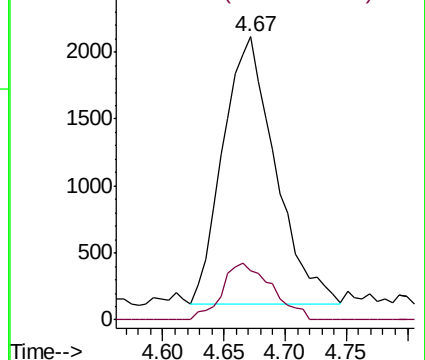
43 100

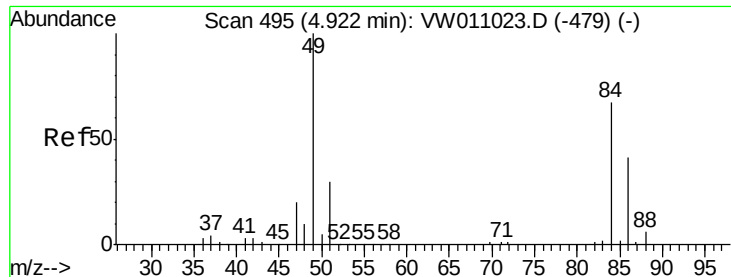
74 20.2 15.8 23.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

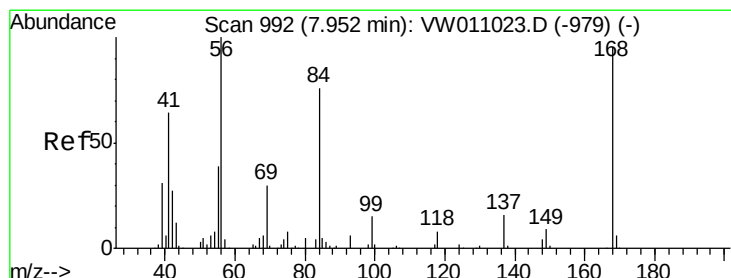
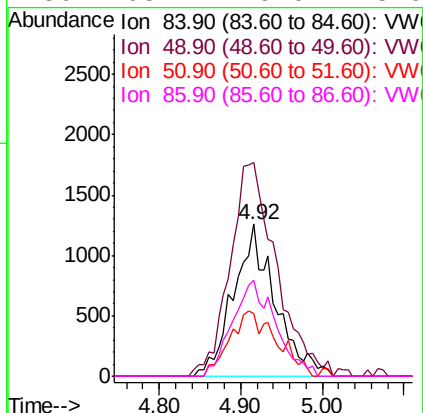
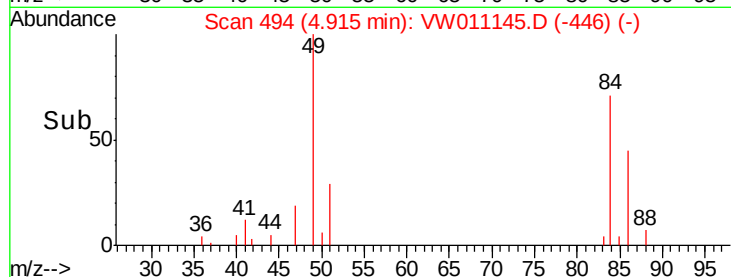
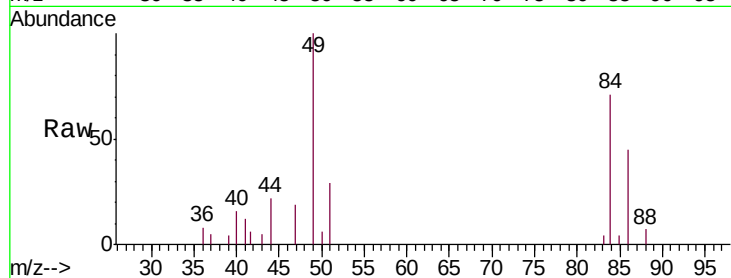




#20
Methylene Chloride
Concen: 1.733 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW011145.D
Acq: 03 Jul 2019 17:38

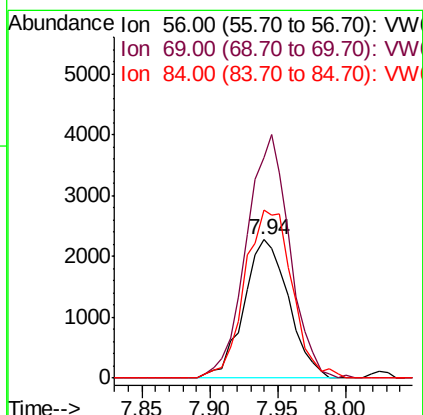
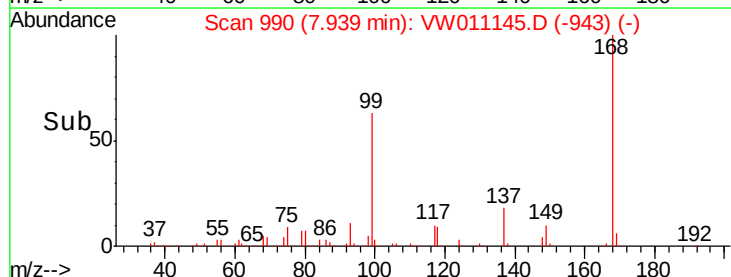
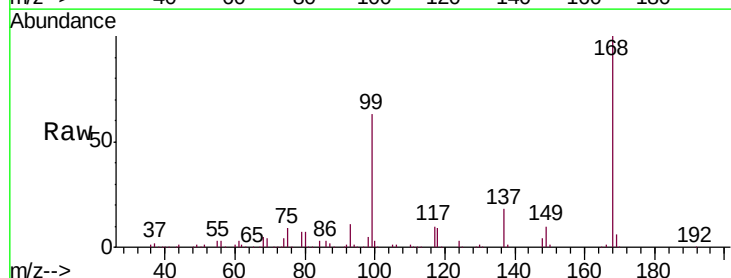
Instrument :
MSVOA_W
ClientSampleId :
TRANSFORMER-1

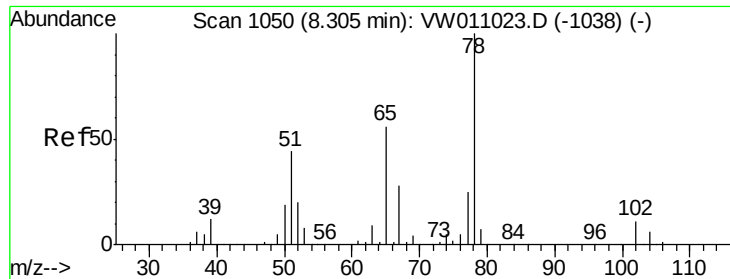
Tgt Ion: 84 Resp: 4440
Ion Ratio Lower Upper
84 100
49 140.6 119.6 179.4
51 41.2 35.6 53.4
86 63.2 49.0 73.6



#31
Cyclohexane
Concen: 1.063 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW011145.D
Acq: 03 Jul 2019 17:38

Tgt Ion: 56 Resp: 5251
Ion Ratio Lower Upper
56 100
69 159.8 24.2 36.2#
84 121.5 60.6 90.8#

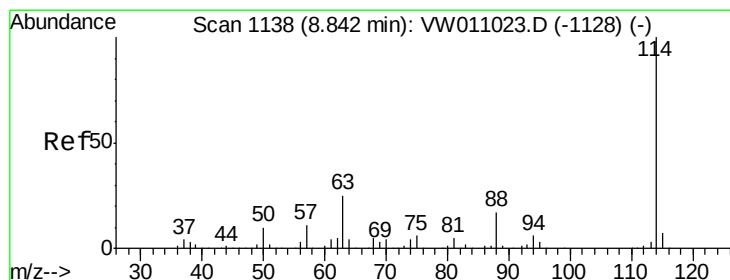
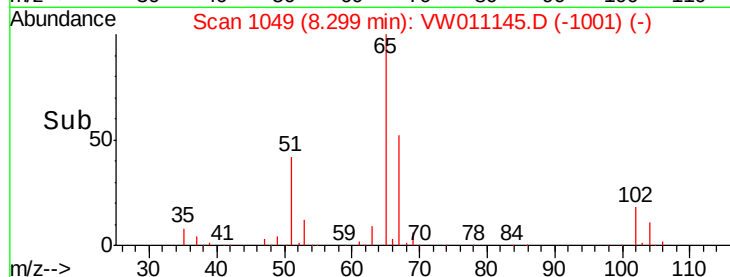
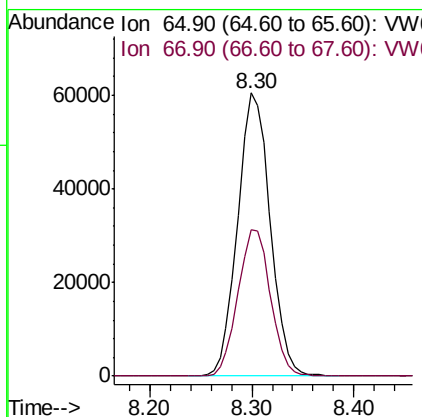
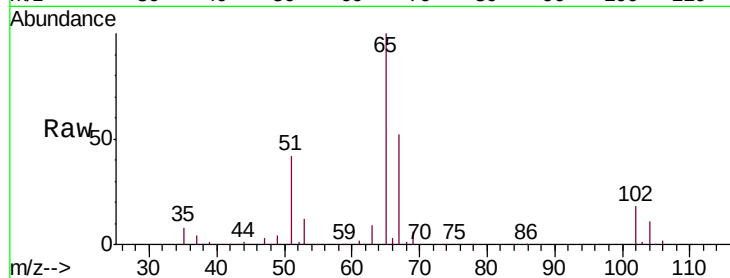




#33
 1,2-Dichloroethane-d4
 Concen: 51.890 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW011145.D
 Acq: 03 Jul 2019 17:38

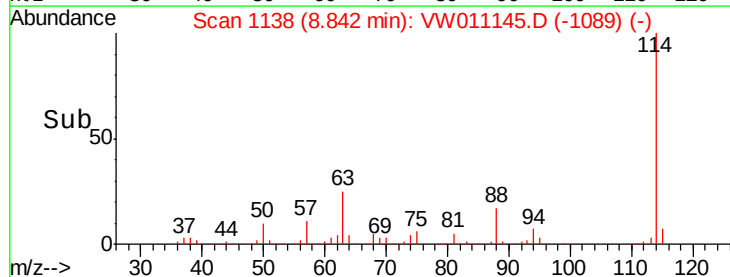
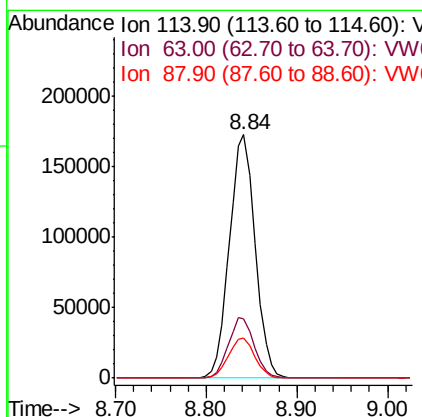
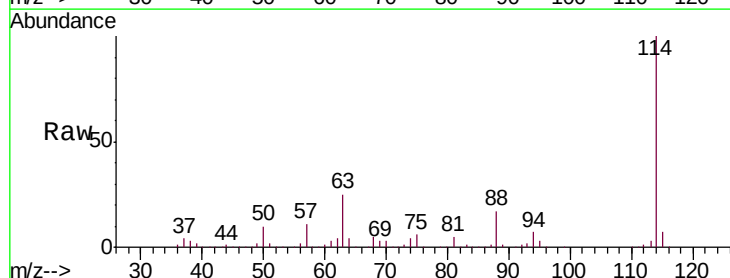
Instrument :
 MSVOA_W
 ClientSampleId :
 TRANSFORMER-1

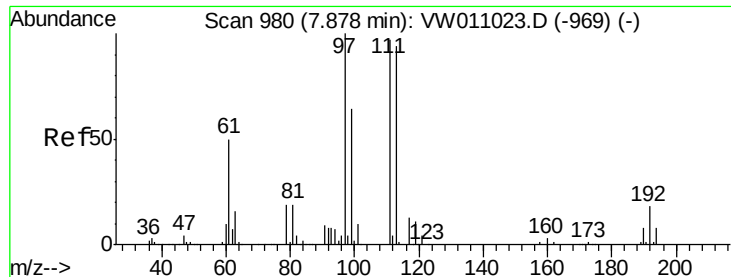
Tgt Ion: 65 Resp: 134029
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011145.D
 Acq: 03 Jul 2019 17:38

Tgt Ion: 114 Resp: 339800
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 50.6
 88 16.6 0.0 34.0

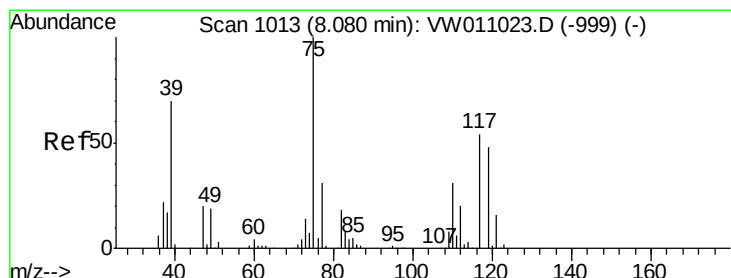
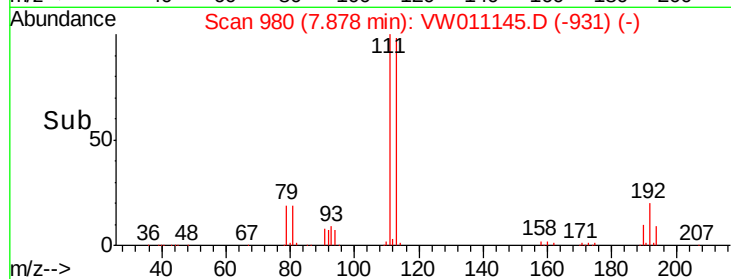
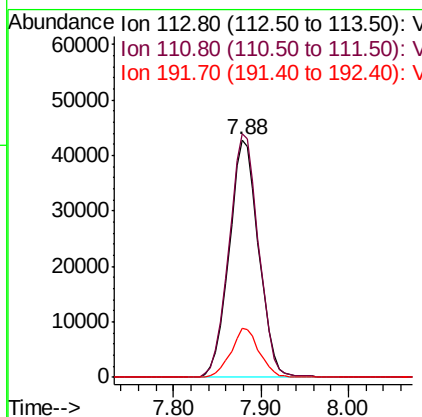
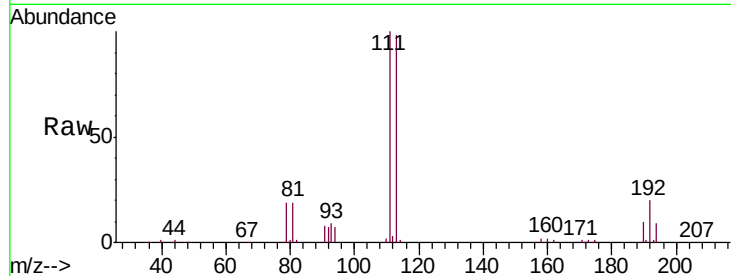




#35
 Dibromofluoromethane
 Concen: 48.265 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW011145.D
 Acq: 03 Jul 2019 17:38

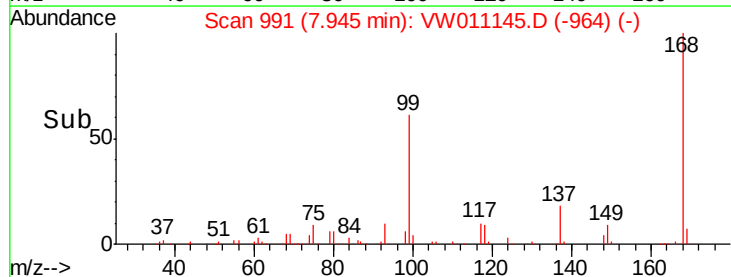
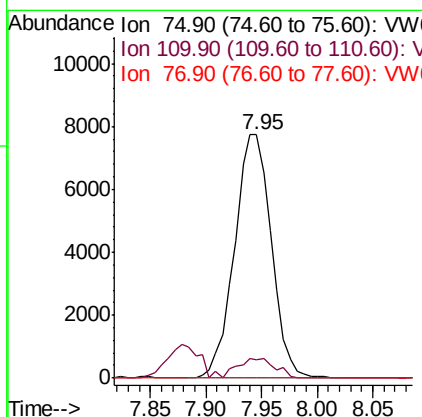
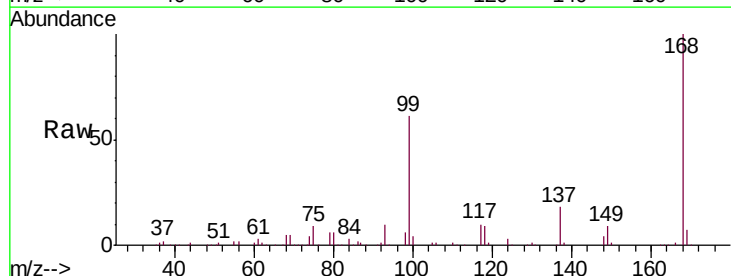
Instrument :
 MSVOA_W
 ClientSampleId :
 TRANSFORMER-1

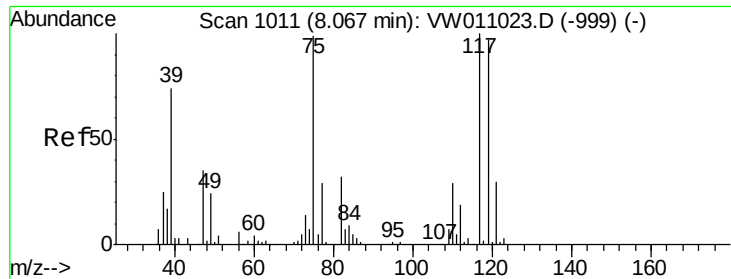
Tgt Ion:113 Resp: 100148
 Ion Ratio Lower Upper
 113 100
 111 103.3 83.8 125.6
 192 20.0 16.0 24.0



#36
 1,1-Dichloropropene
 Concen: 4.860 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011145.D
 Acq: 03 Jul 2019 17:38

Tgt Ion: 75 Resp: 17749
 Ion Ratio Lower Upper
 75 100
 110 8.3 15.5 46.5#
 77 0.0 24.9 37.3#

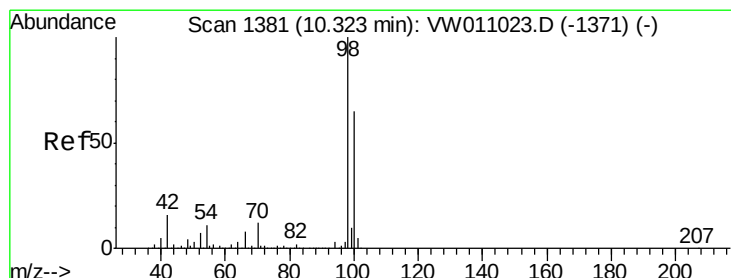
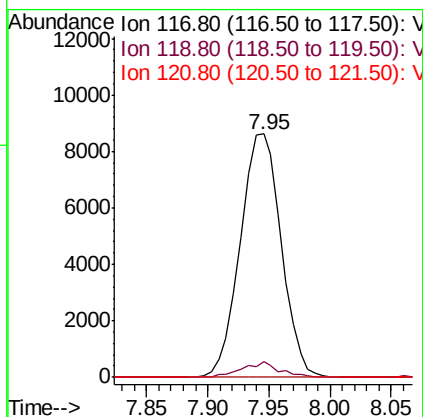
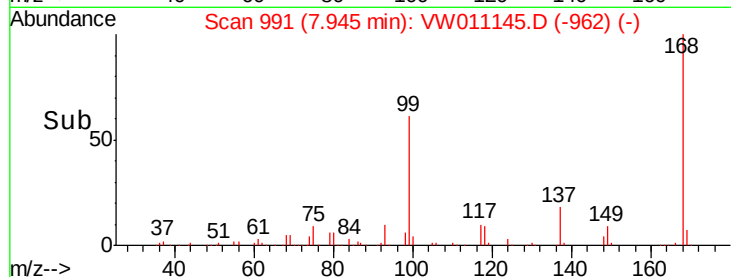
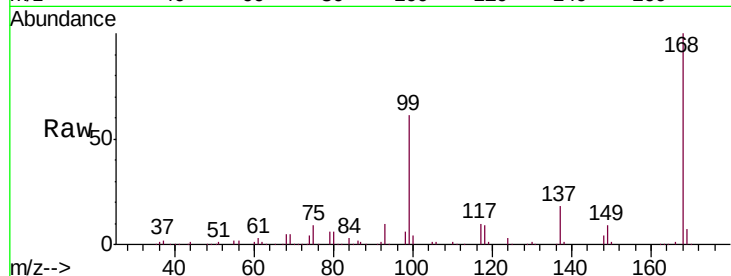




#38
Carbon Tetrachloride
Concen: 6.678 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW011145.D
Acq: 03 Jul 2019 17:38

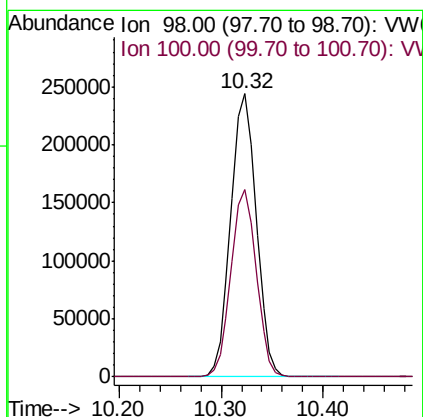
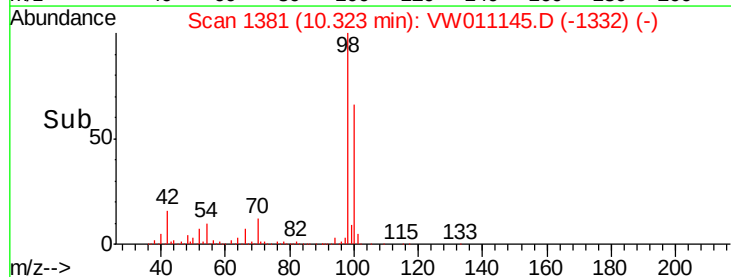
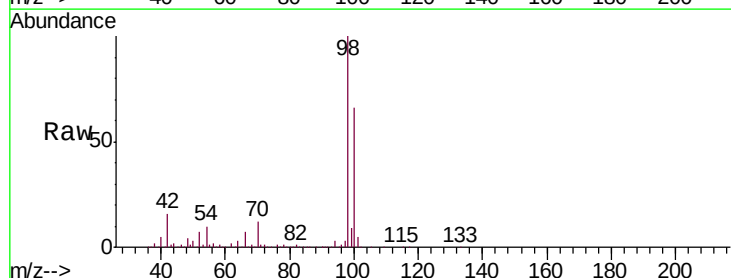
Instrument :
MSVOA_W
ClientSampleId :
TRANSFORMER-1

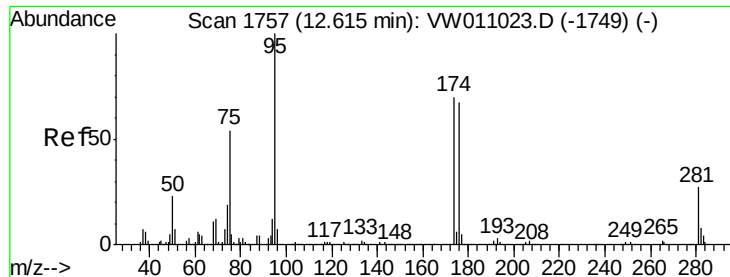
Tgt Ion: 117 Resp: 20085
Ion Ratio Lower Upper
117 100
119 6.2 77.7 116.5#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 49.648 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011145.D
Acq: 03 Jul 2019 17:38

Tgt Ion: 98 Resp: 424049
Ion Ratio Lower Upper
98 100
100 65.4 52.3 78.5

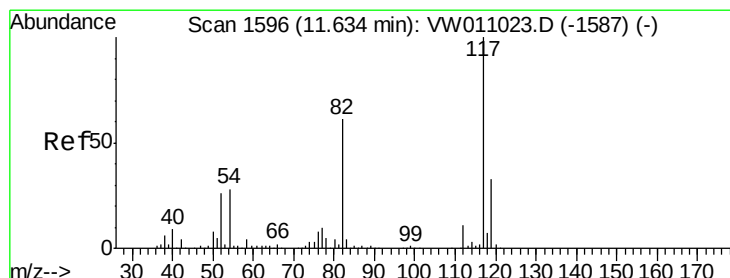
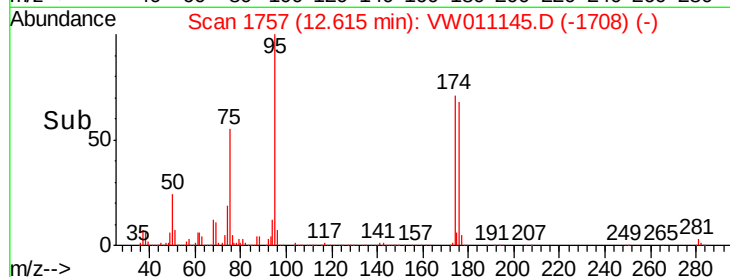
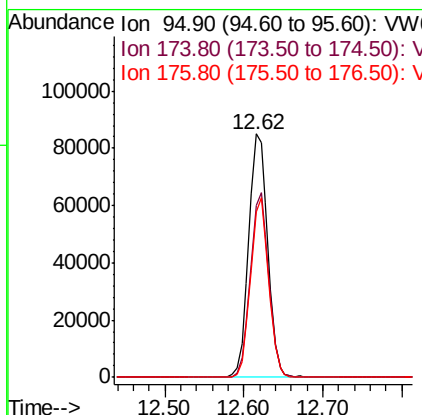
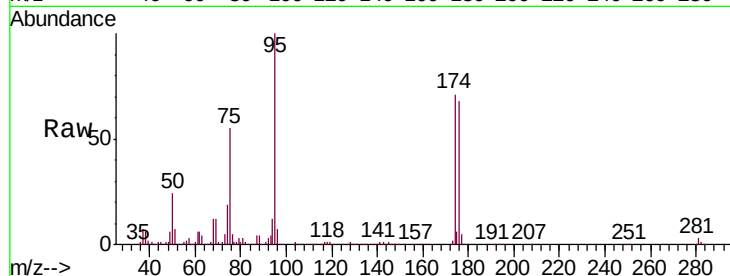




#62
4-Bromofluorobenzene
Concen: 45.456 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW011145.D
Acq: 03 Jul 2019 17:38

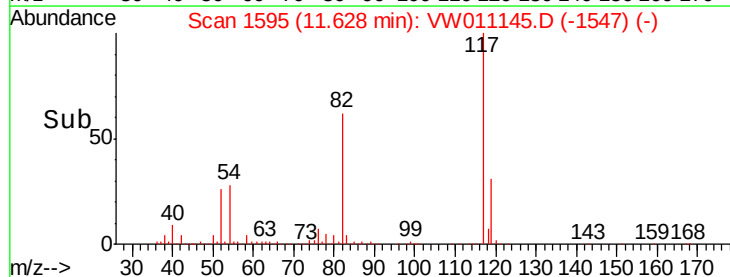
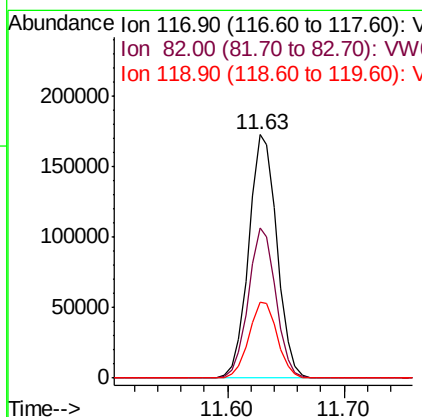
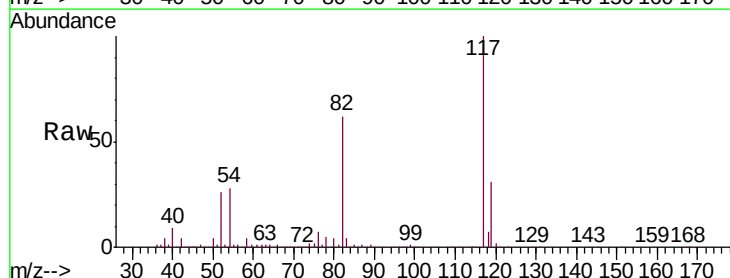
Instrument :
MSVOA_W
ClientSampleId :
TRANSFORMER-1

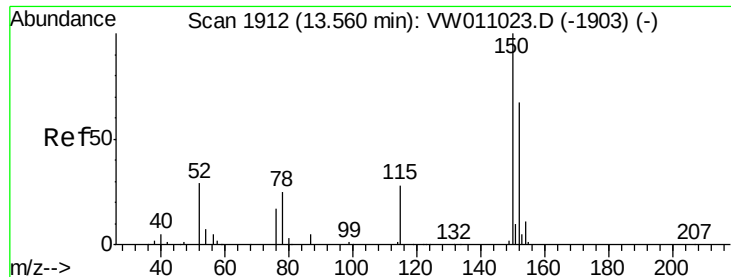
Tgt Ion: 95 Resp: 142001
Ion Ratio Lower Upper
95 100
174 73.5 0.0 149.2
176 70.4 0.0 143.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011145.D
Acq: 03 Jul 2019 17:38

Tgt Ion: 117 Resp: 291528
Ion Ratio Lower Upper
117 100
82 61.7 48.6 73.0
119 31.0 26.1 39.1

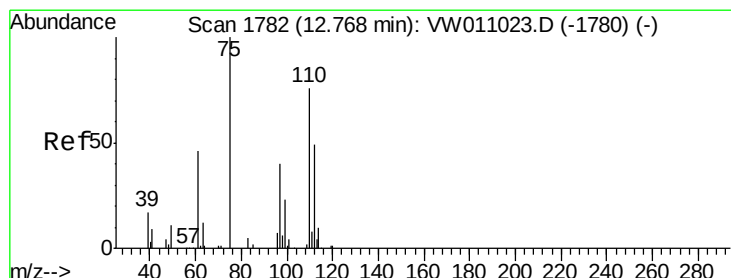
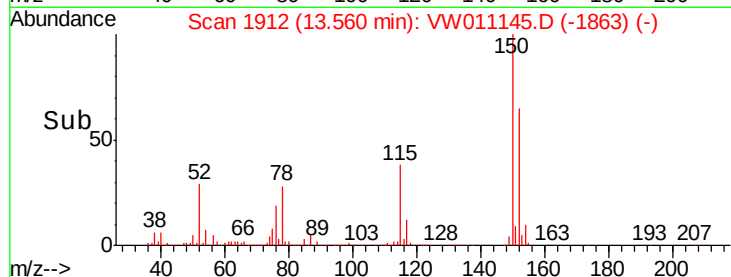
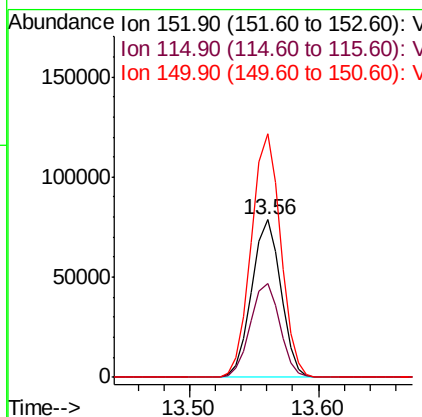
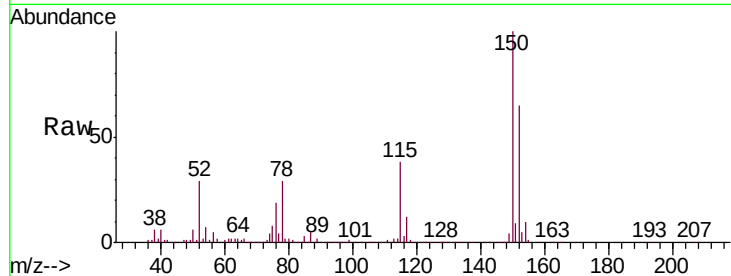




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.00 min
 Lab File: VW011145.D
 Acq: 03 Jul 2019 17:38

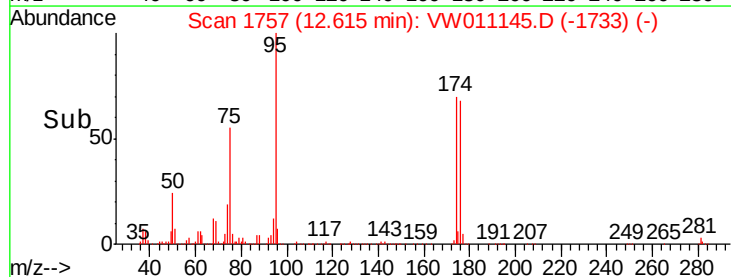
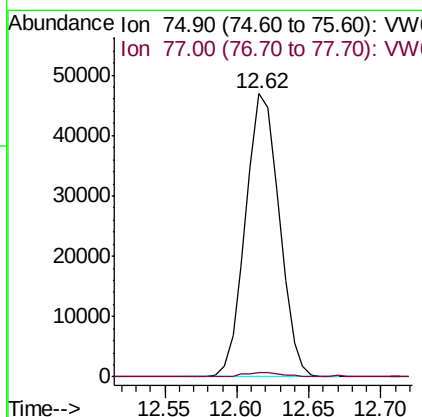
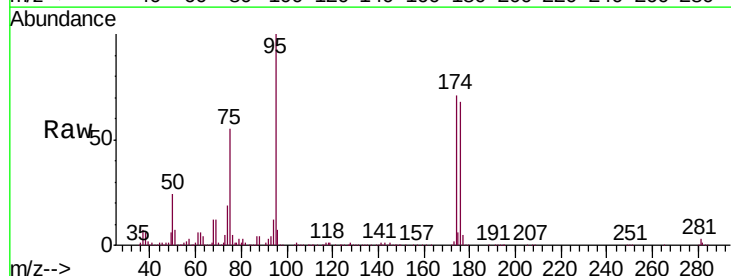
Instrument :
 MSVOA_W
 ClientSampleId :
 TRANSFORMER-1

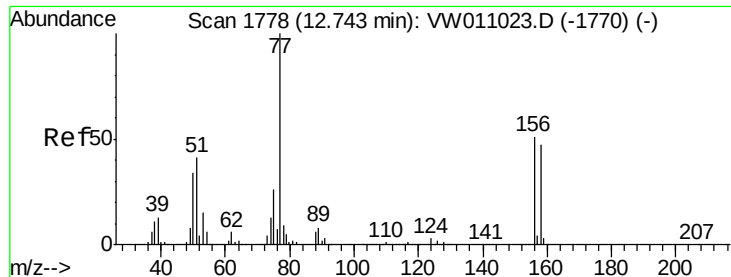
Tgt Ion:152 Resp: 123117
 Ion Ratio Lower Upper
 152 100
 115 60.0 30.7 92.1
 150 155.2 0.0 341.8



#76
 1,2,3-Trichloropropane
 Concen: 58.661 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW011145.D
 Acq: 03 Jul 2019 17:38

Tgt Ion: 75 Resp: 76247
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#77

Bromobenzene

Concen: 1.221 ug/l

RT: 12.85 min Scan# 1796

Delta R.T. 0.11 min

Lab File: VW011145.D

Acq: 03 Jul 2019 17:38

Instrument :

MSVOA_W

ClientSampleId :

TRANSFORMER-1

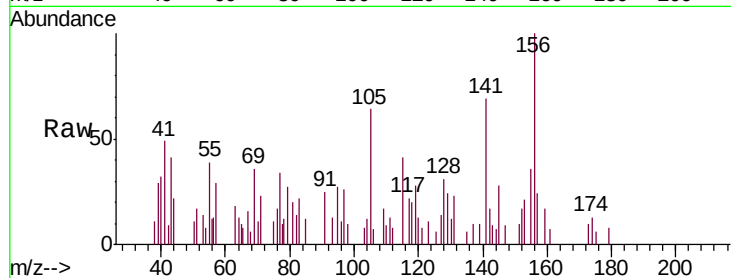
Tgt Ion:156 Resp: 2476

Ion Ratio Lower Upper

156 100

77 6.3 109.5 328.5#

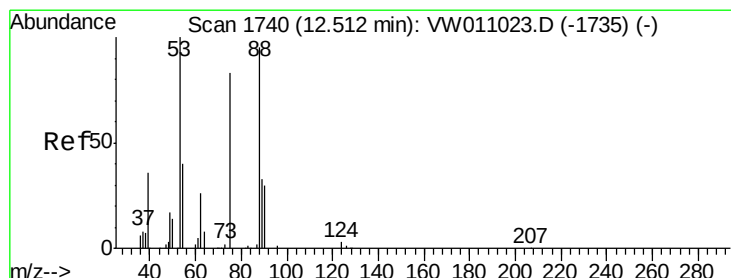
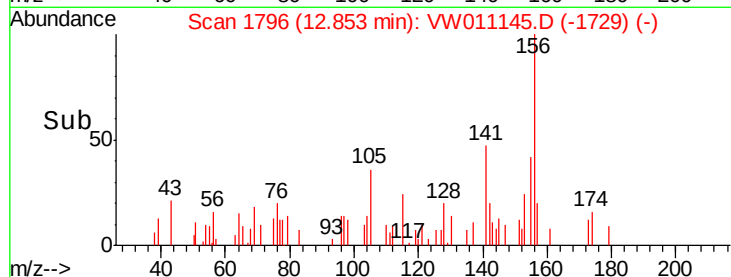
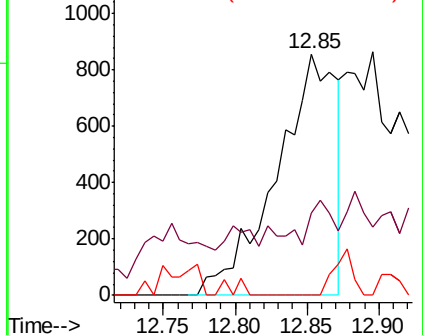
158 0.0 48.6 145.9#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#81

trans-1,4-Dichloro-2-butene

Concen: 118.676 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011145.D

Acq: 03 Jul 2019 17:38

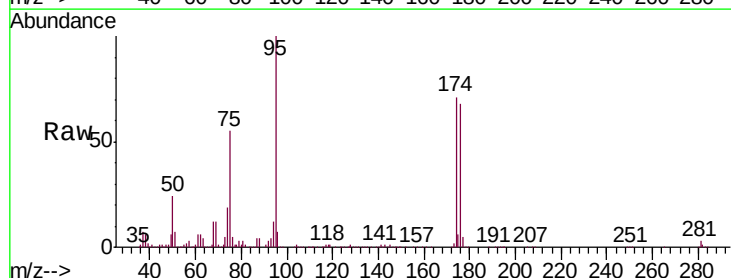
Tgt Ion: 75 Resp: 76247

Ion Ratio Lower Upper

75 100

53 0.1 95.6 143.4#

89 0.1 34.4 51.6#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

