

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082819\
 Data File : VW012279.D
 Acq On : 29 Aug 2019 03:45
 Operator : SY/VA
 Sample : K4567-18
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-8-D2

Quant Time: Aug 29 06:53:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	275672	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	458325	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	376329	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	140291	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	175113	53.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.88%	
35) Dibromofluoromethane	7.88	113	138235	50.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.06%	
50) Toluene-d8	10.32	98	561213	50.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.18%	
62) 4-Bromofluorobenzene	12.62	95	171697	43.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.82%	

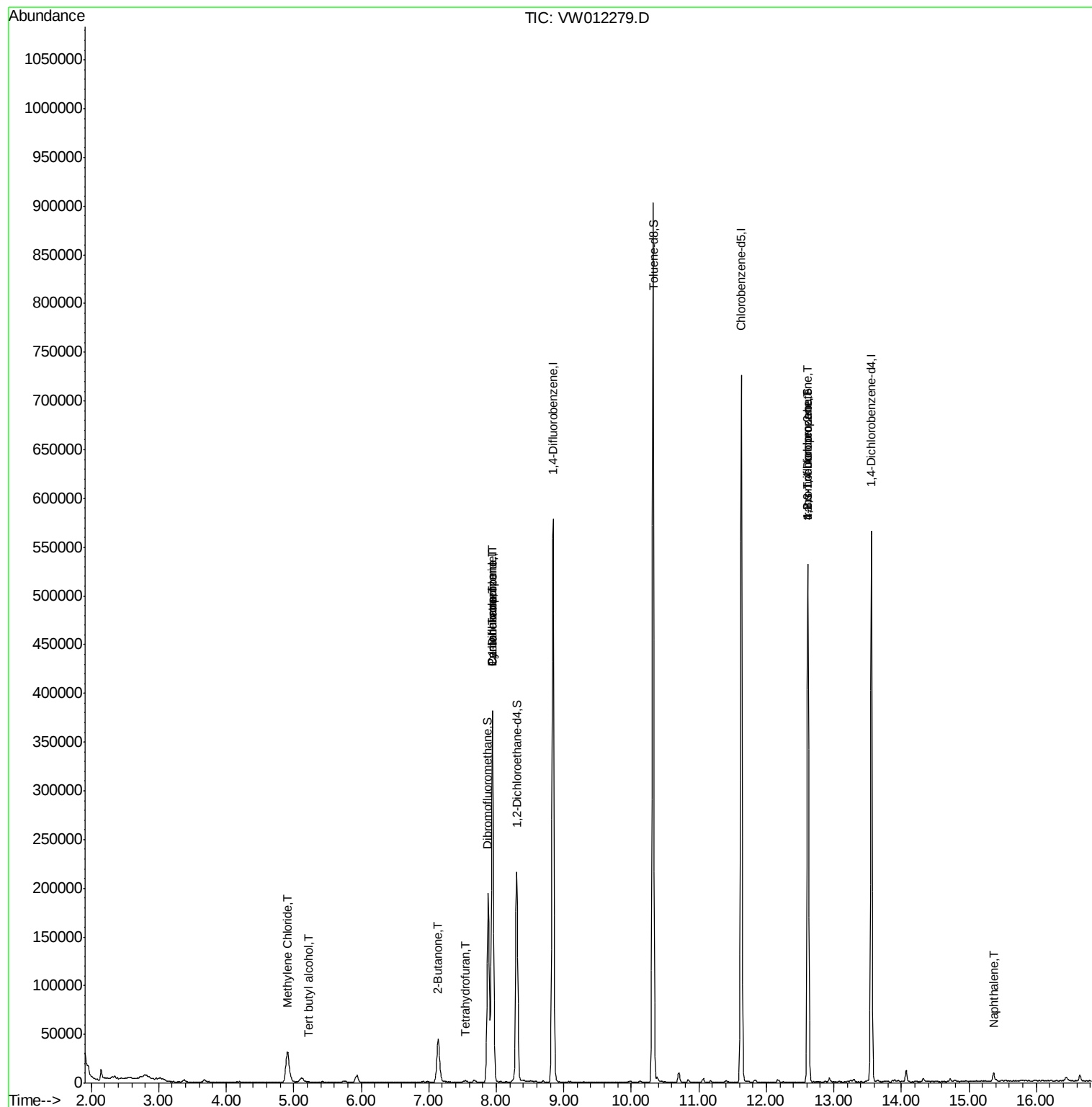
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.23	59	585	2.966	ug/l #	80
20) Methylene Chloride	4.92	84	22773	7.191	ug/l	98
25) 2-Butanone	7.14	43	3039	2.670	ug/l #	84
29) Tetrahydrofuran	7.54	42	1546	2.264	ug/l	99
31) Cyclohexane	7.95	56	7157	1.213	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	23269	4.913	ug/l #	52
38) Carbon Tetrachloride	7.94	117	27489	6.706	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	91894	67.256	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	91894	147.461	ug/l #	6
95) Naphthalene	15.36	128	6810	5.497	ug/l	99

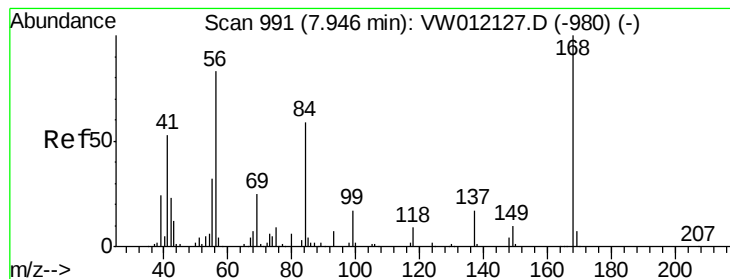
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW082819\
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Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012279.D

Acq: 29 Aug 2019 03:45

Instrument :

MSVOA_W

ClientSampleId :

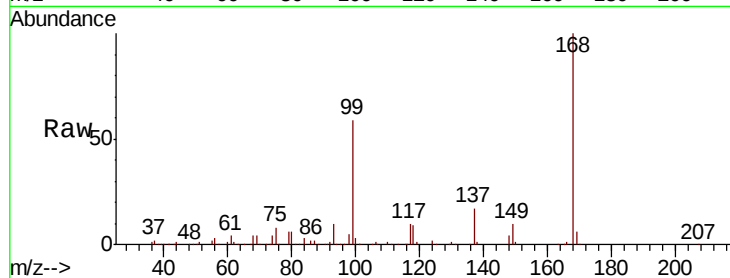
TP-8-D2

Tgt Ion:168 Resp: 275672

Ion Ratio Lower Upper

168 100

99 59.0 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

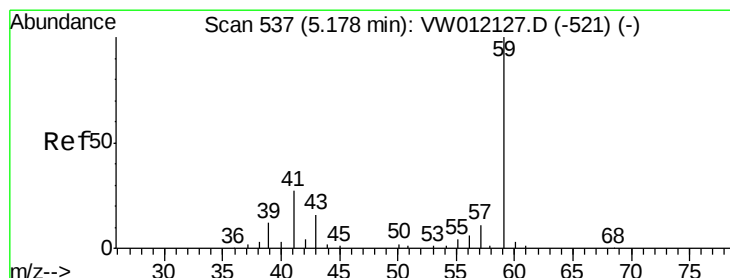
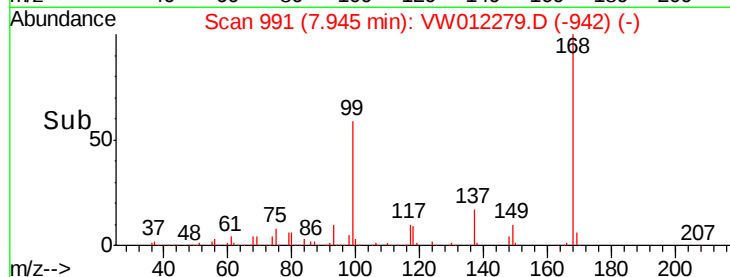
100000

50000

0

7.80 7.90 8.00 8.10

Time-->



#11

Tert butyl alcohol

Concen: 2.966 ug/l

RT: 5.23 min Scan# 545

Delta R.T. 0.05 min

Lab File: VW012279.D

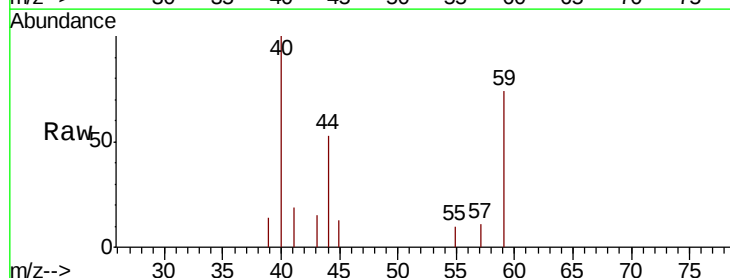
Acq: 29 Aug 2019 03:45

Tgt Ion: 59 Resp: 585

Ion Ratio Lower Upper

59 100

57 19.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

500

400

300

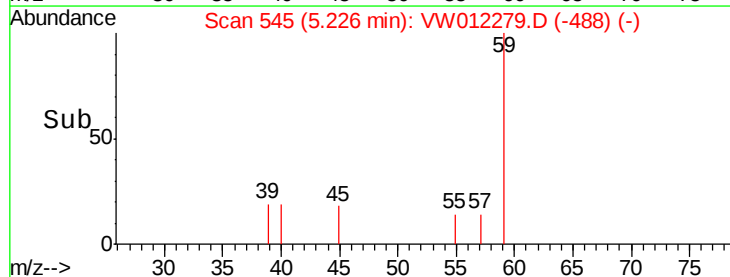
200

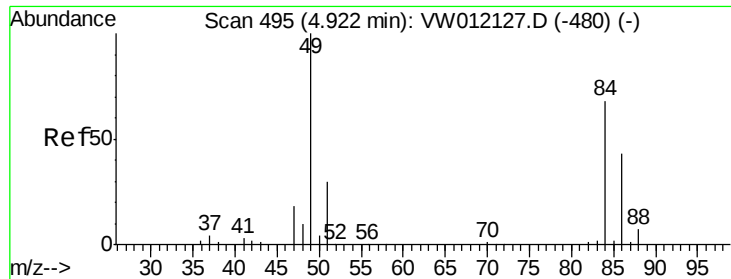
100

0

5.20 5.23 5.25

Time-->

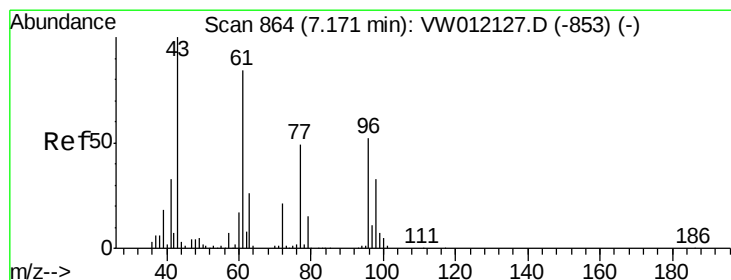
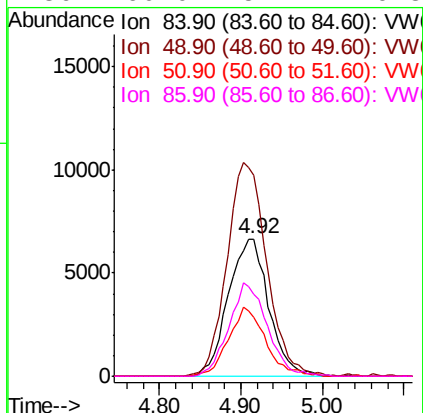
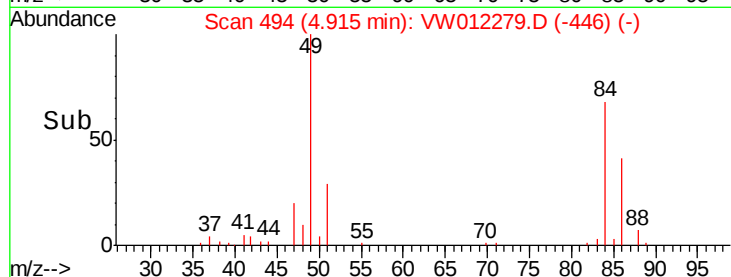
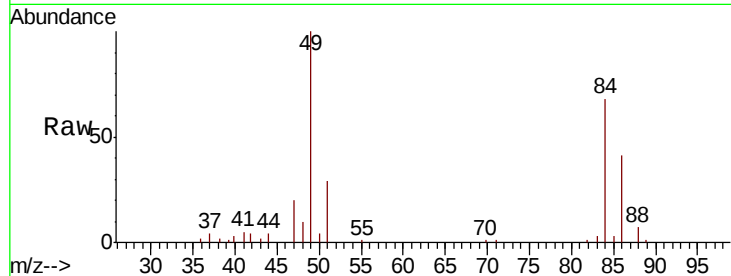




#20
Methylene Chloride
Concen: 7.191 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012279.D
Acq: 29 Aug 2019 03:45

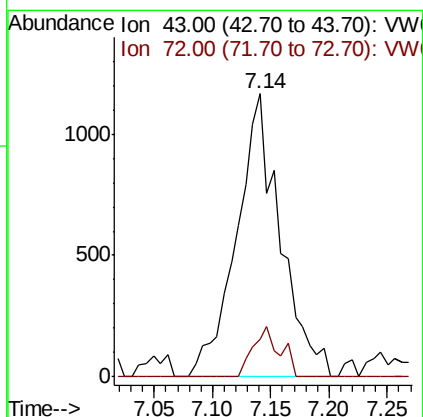
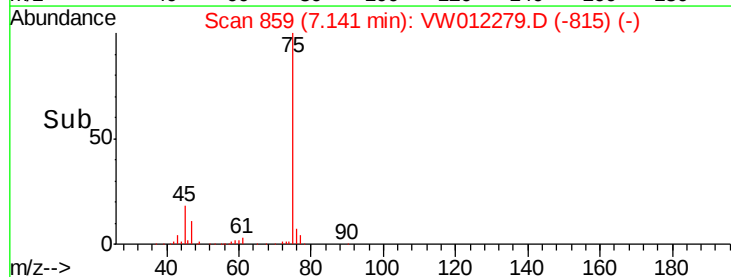
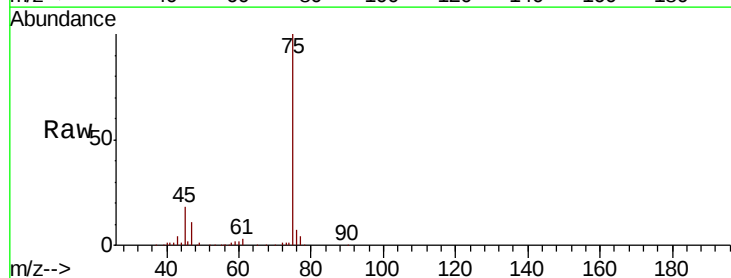
Instrument :
MSVOA_W
ClientSampleId :
TP-8-D2

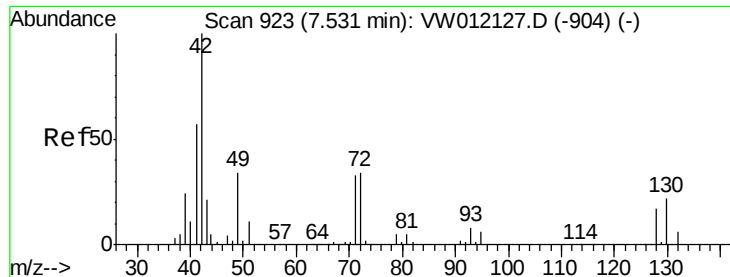
Tgt Ion: 84 Resp: 22773
Ion Ratio Lower Upper
84 100
49 146.2 117.8 176.8
51 43.1 35.6 53.4
86 60.0 51.2 76.8



#25
2-Butanone
Concen: 2.670 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.03 min
Lab File: VW012279.D
Acq: 29 Aug 2019 03:45

Tgt Ion: 43 Resp: 3039
Ion Ratio Lower Upper
43 100
72 13.2 16.6 24.8#





#29

Tetrahydrofuran

Concen: 2.264 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: VW012279.D

Acq: 29 Aug 2019 03:45

Instrument :

MSVOA_W

ClientSampleId :

TP-8-D2

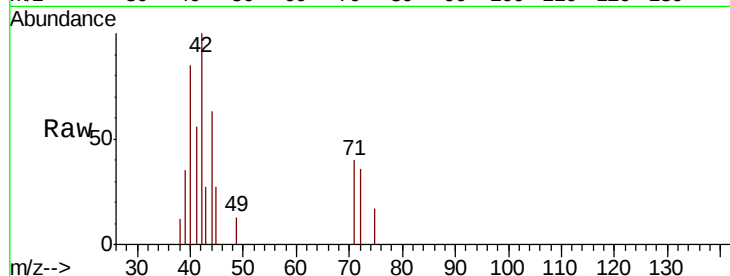
Tgt Ion: 42 Resp: 1546

Ion Ratio Lower Upper

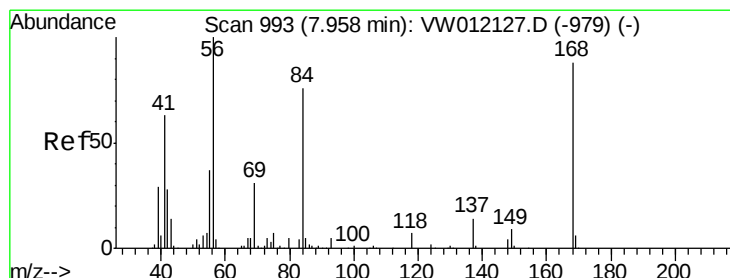
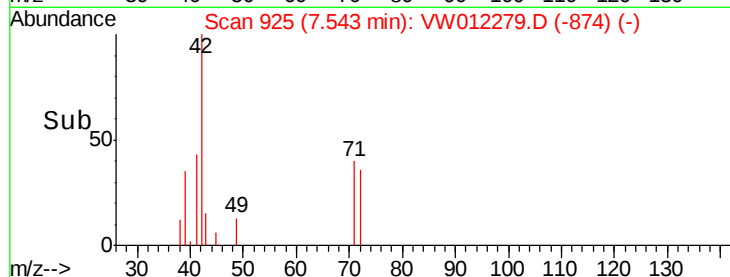
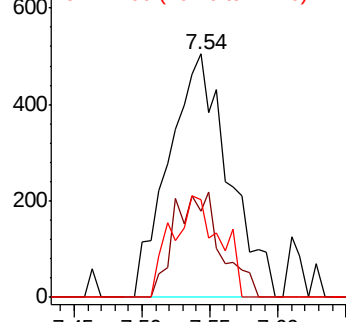
42 100

72 33.9 27.3 40.9

71 33.3 25.5 38.3



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



#31

Cyclohexane

Concen: 1.213 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW012279.D

Acq: 29 Aug 2019 03:45

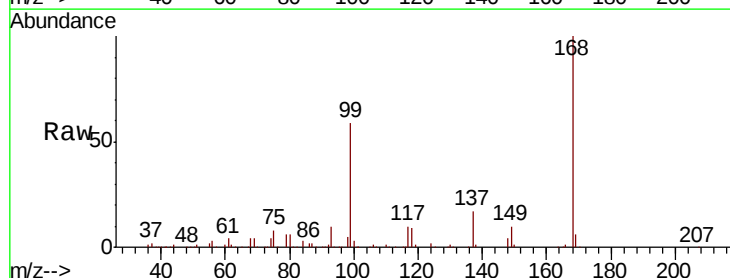
Tgt Ion: 56 Resp: 7157

Ion Ratio Lower Upper

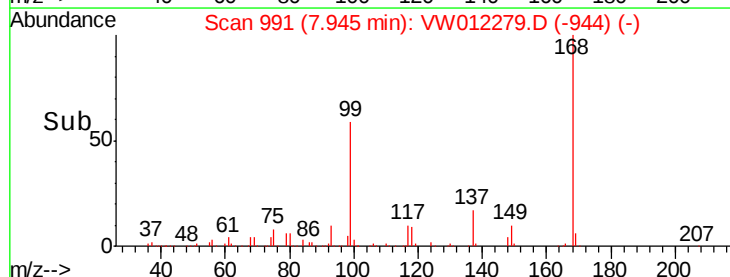
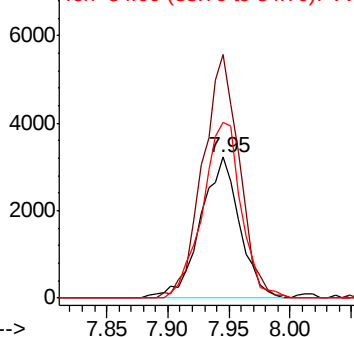
56 100

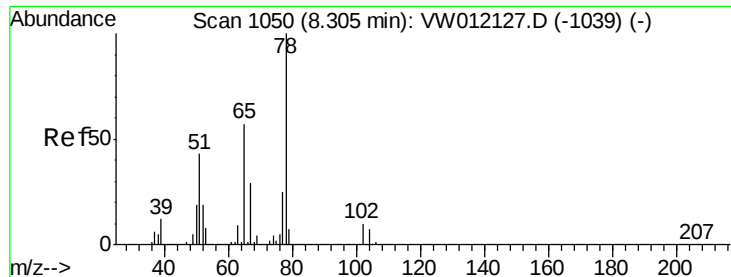
69 172.5 24.9 37.3#

84 124.1 60.6 90.8#



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

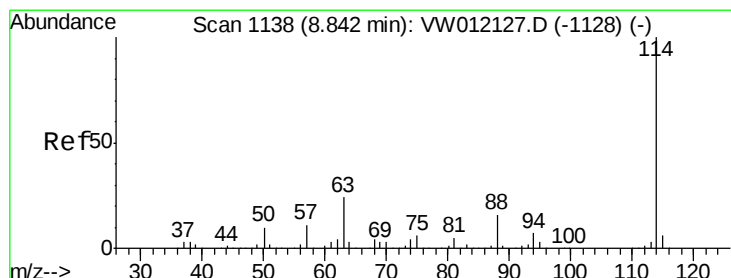
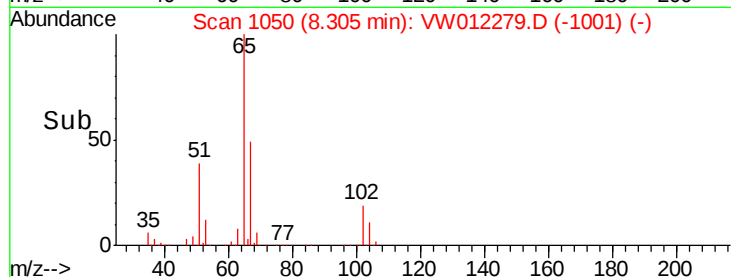
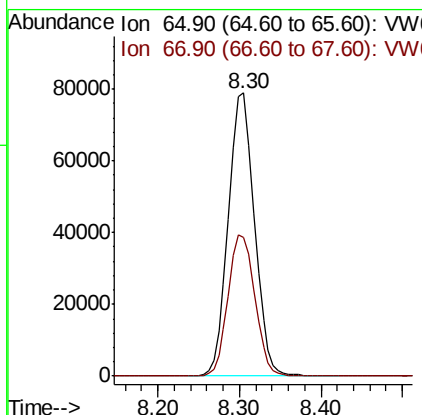
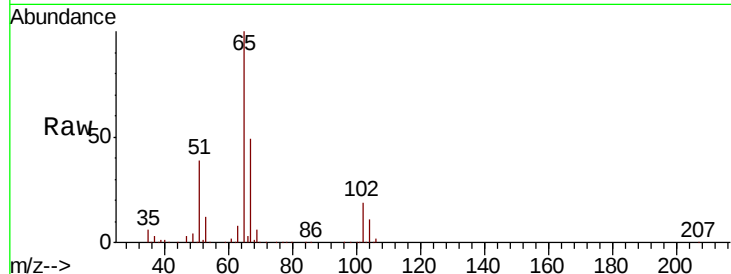




#33
 1,2-Dichloroethane-d4
 Concen: 53.436 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012279.D
 Acq: 29 Aug 2019 03:45

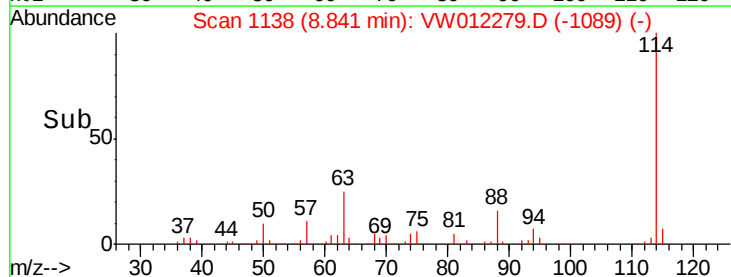
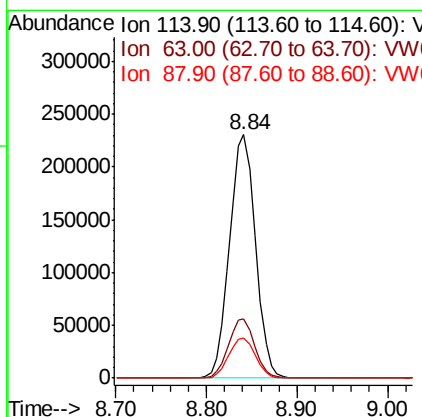
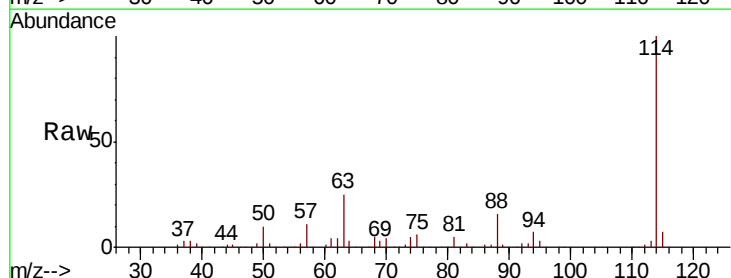
Instrument :
 MSVOA_W
 ClientSampled :
 TP-8-D2

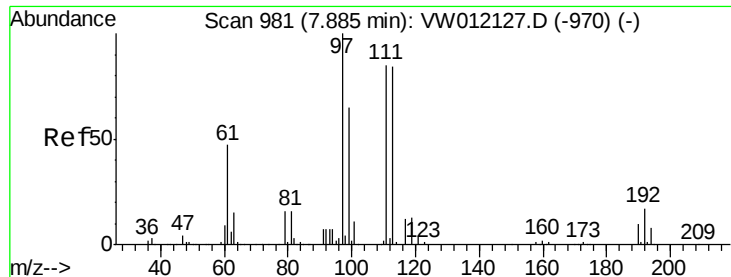
Tgt Ion: 65 Resp: 175113
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012279.D
 Acq: 29 Aug 2019 03:45

Tgt Ion: 114 Resp: 458325
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 48.6
 88 16.3 0.0 32.2

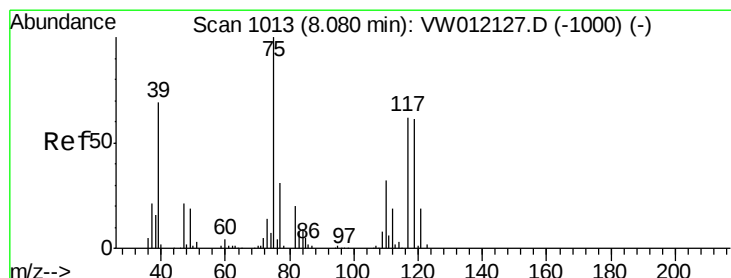
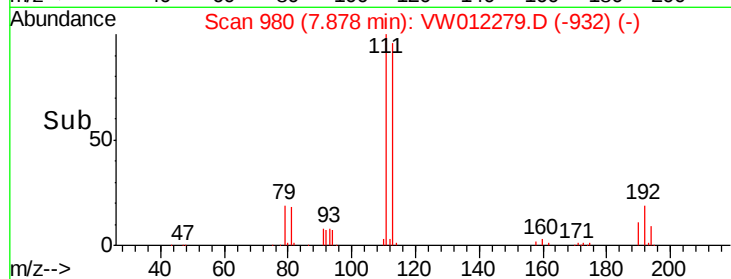
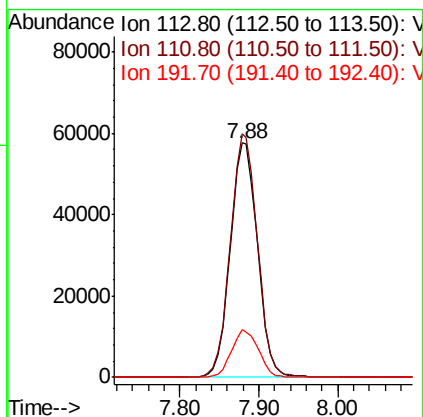
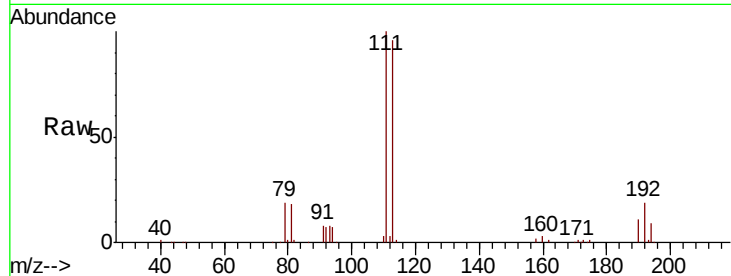




#35
 Dibromofluoromethane
 Concen: 50.529 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012279.D
 Acq: 29 Aug 2019 03:45

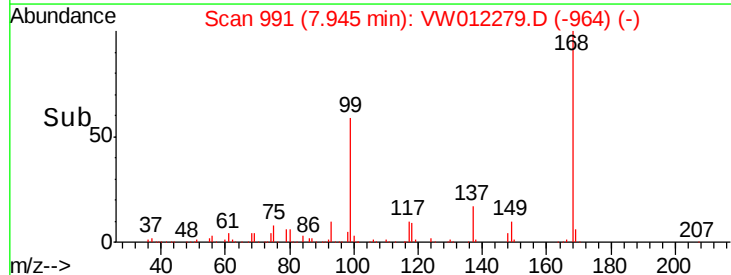
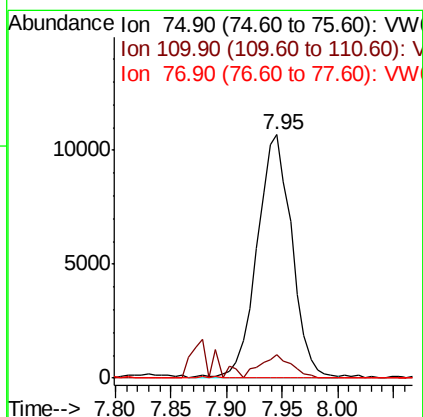
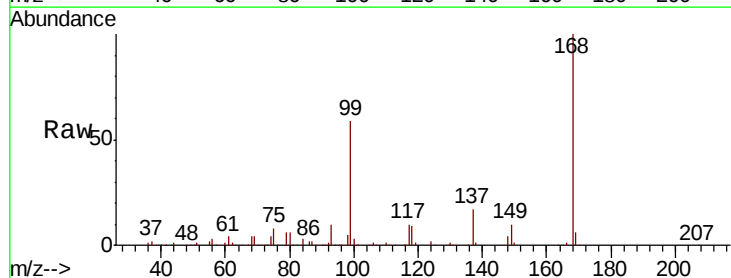
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-8-D2

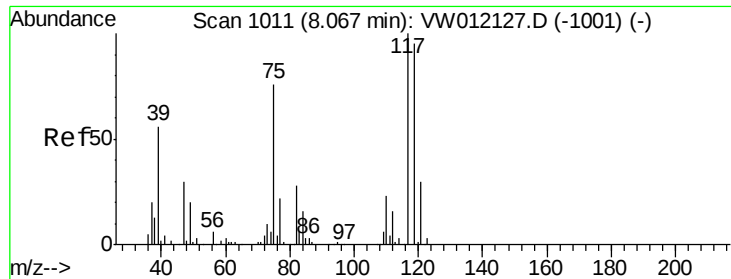
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.7	124.1
192	20.1	16.2	24.2



#36
 1,1-Dichloropropene
 Concen: 4.913 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012279.D
 Acq: 29 Aug 2019 03:45

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.7	15.6	46.8#
77	0.0	24.6	36.8#





#38

Carbon Tetrachloride

Concen: 6.706 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.13 min

Lab File: VW012279.D

Acq: 29 Aug 2019 03:45

Instrument :

MSVOA_W

ClientSampleId :

TP-8-D2

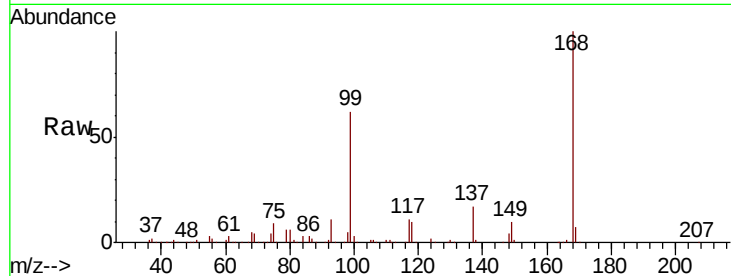
Tgt Ion:117 Resp: 27489

Ion Ratio Lower Upper

117 100

119 4.6 76.2 114.2#

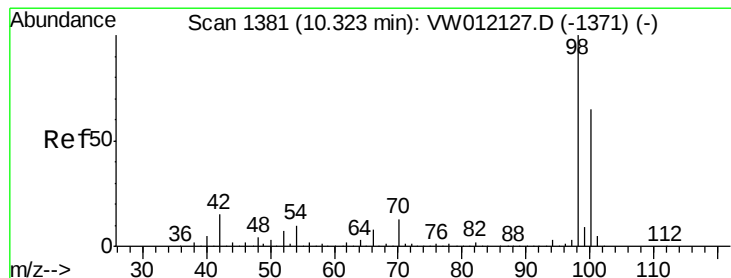
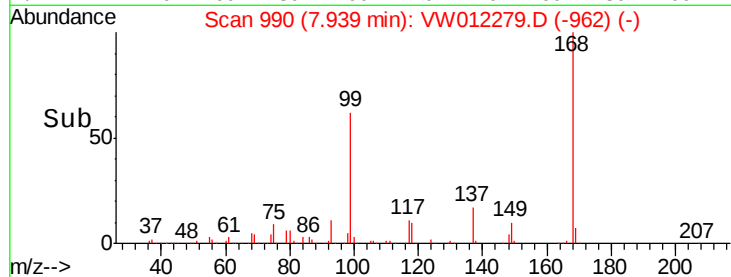
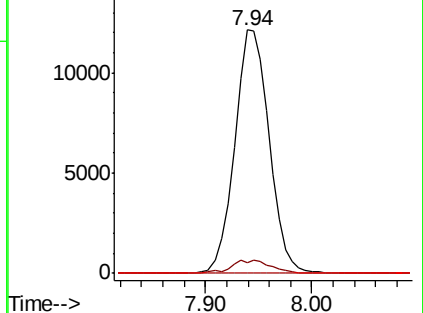
121 0.0 23.8 35.8#



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: 50.593 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012279.D

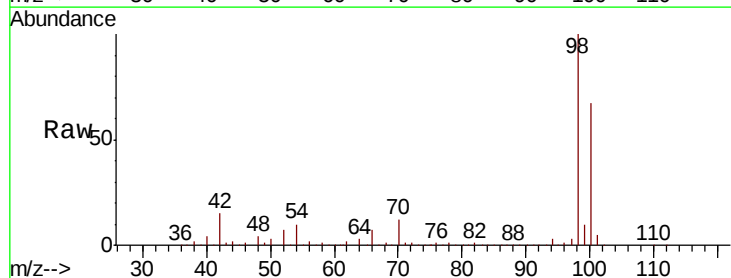
Acq: 29 Aug 2019 03:45

Tgt Ion: 98 Resp: 561213

Ion Ratio Lower Upper

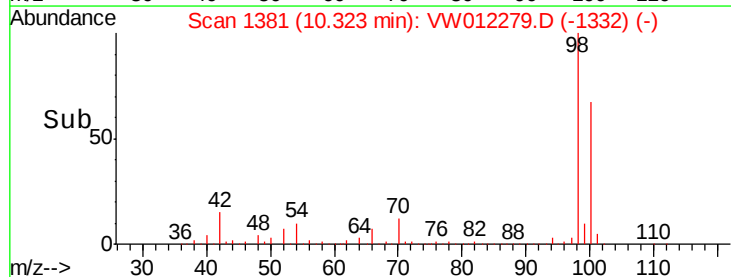
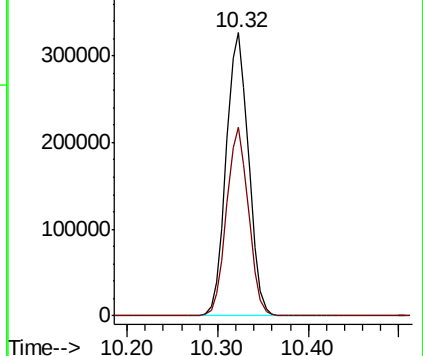
98 100

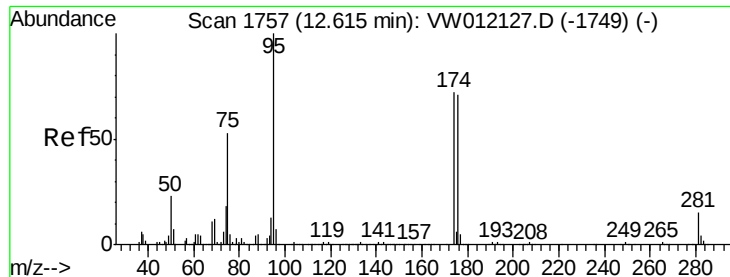
100 65.3 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 43.910 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012279.D

Acq: 29 Aug 2019 03:45

Instrument :

MSVOA_W

ClientSampleId :

TP-8-D2

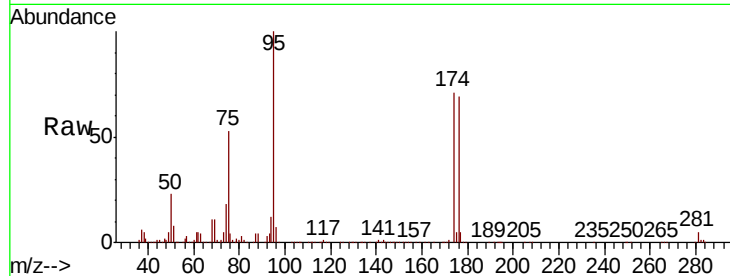
Tgt Ion: 95 Resp: 171697

Ion Ratio Lower Upper

95 100

174 76.1 0.0 150.8

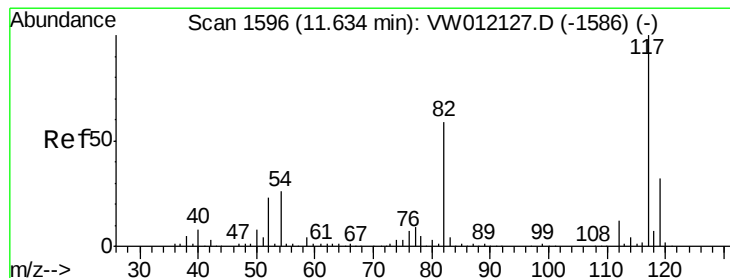
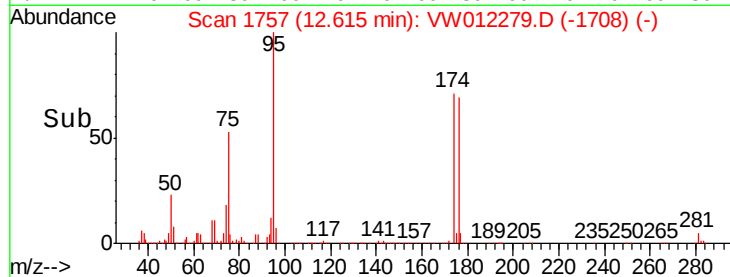
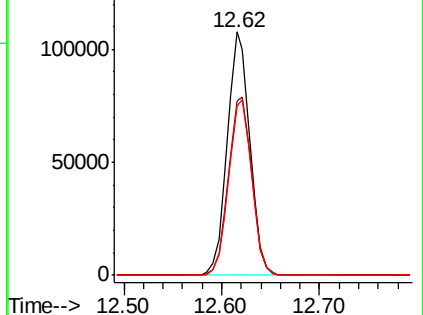
176 73.7 0.0 148.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW012279.D

Acq: 29 Aug 2019 03:45

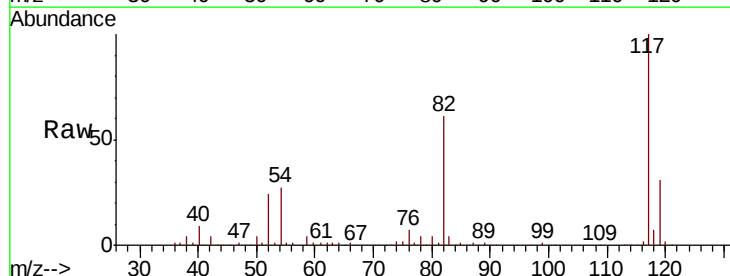
Tgt Ion: 117 Resp: 376329

Ion Ratio Lower Upper

117 100

82 60.9 47.4 71.2

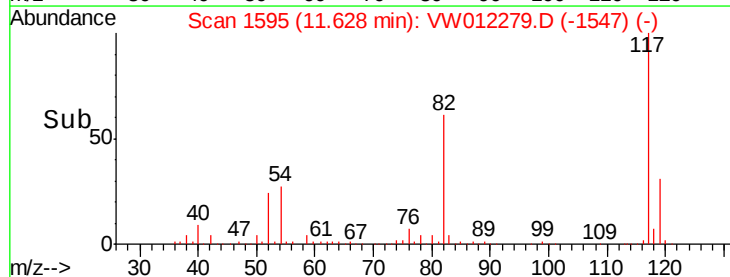
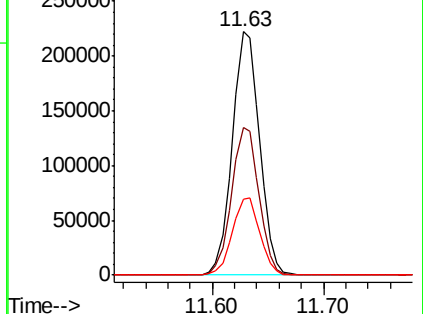
119 31.4 25.4 38.2

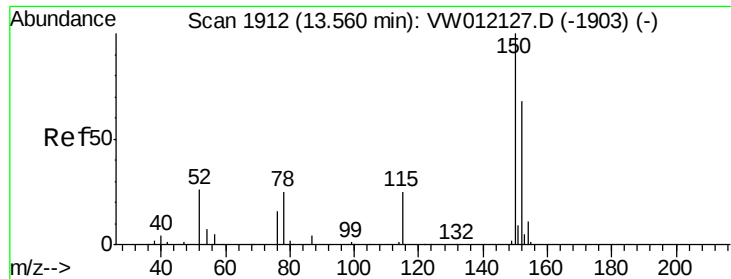


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



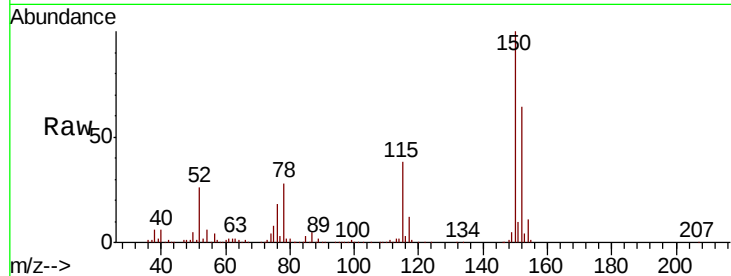


#72

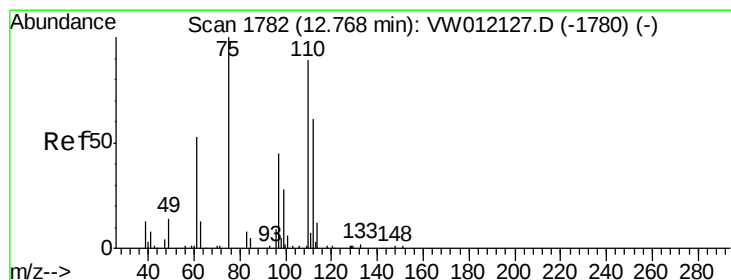
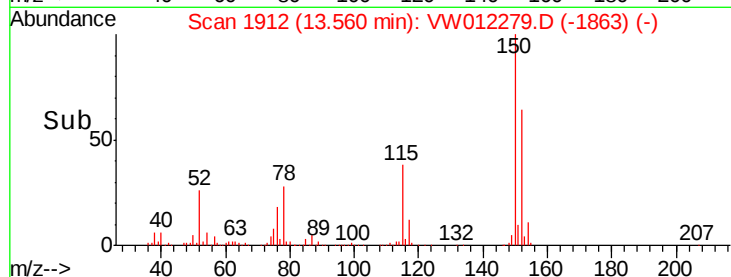
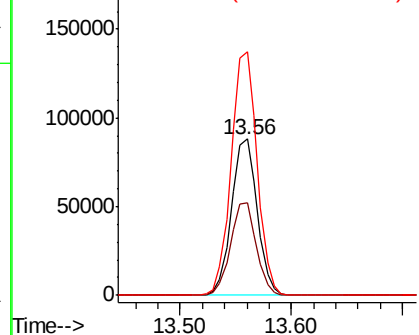
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012279.D
Acq: 29 Aug 2019 03:45

Instrument :
MSVOA_W
ClientSampleId :
TP-8-D2

Tgt Ion: 152 Resp: 140291
Ion Ratio Lower Upper
152 100
115 59.3 30.1 90.3
150 157.3 0.0 345.8



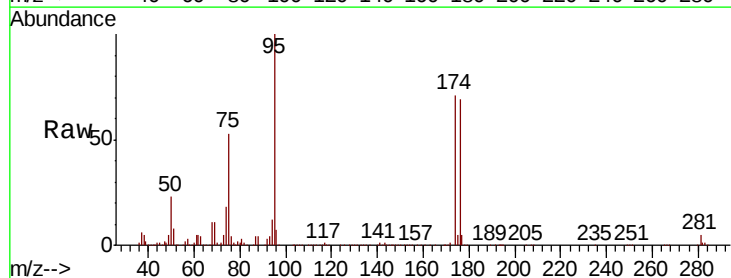
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



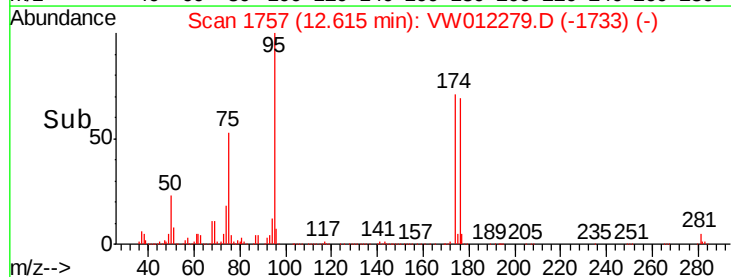
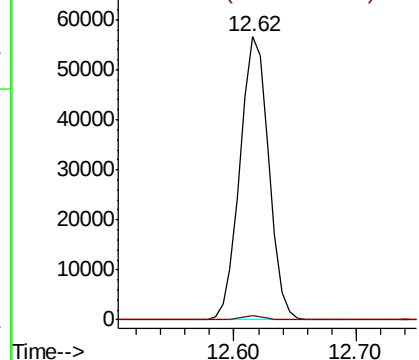
#76

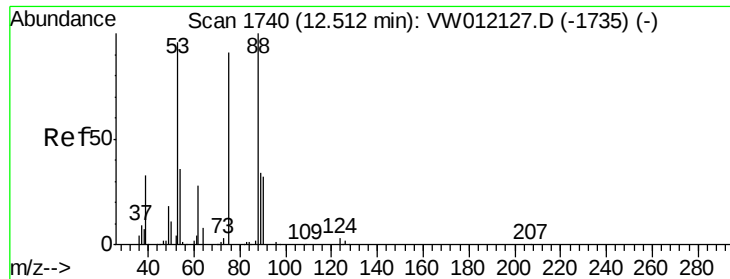
1,2,3-Trichloropropane
Concen: 67.256 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW012279.D
Acq: 29 Aug 2019 03:45

Tgt Ion: 75 Resp: 91894
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW

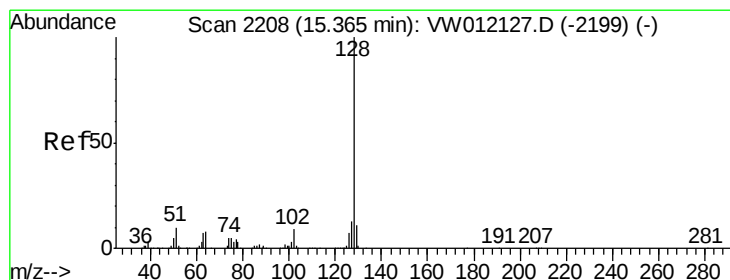
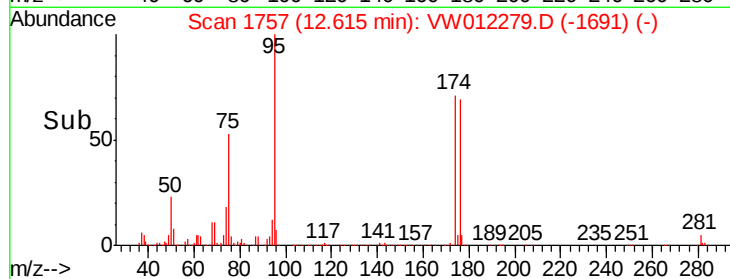
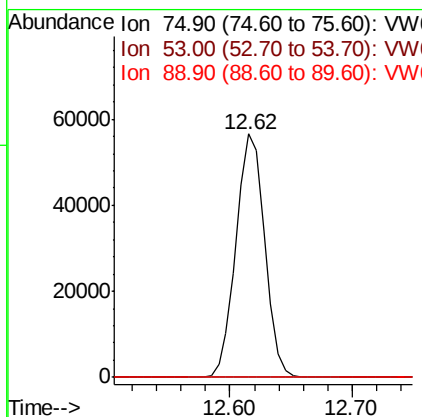
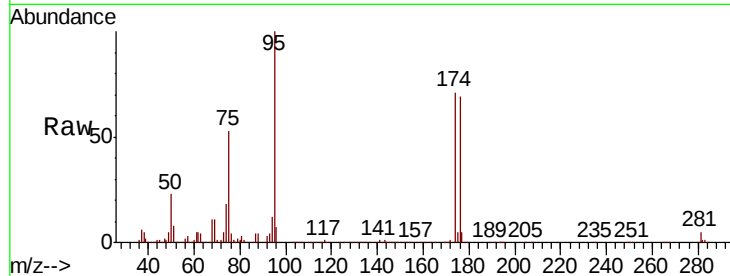




#81
trans-1,4-Dichloro-2-butene
Concen: 147.461 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW012279.D
Acq: 29 Aug 2019 03:45

Instrument :
MSVOA_W
ClientSampleId :
TP-8-D2

Tgt Ion: 75 Resp: 91894
Ion Ratio Lower Upper
75 100
53 0.2 89.4 134.0#
89 0.1 34.5 51.7#



#95
Naphthalene
Concen: 5.497 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012279.D
Acq: 29 Aug 2019 03:45

Tgt Ion: 128 Resp: 6810
Ion Ratio Lower Upper
128 100
127 13.6 10.7 16.1
129 11.4 8.7 13.1

