

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081219\
 Data File : VW011874.D
 Acq On : 13 Aug 2019 02:28
 Operator : SY/VA
 Sample : K4230-01
 Misc : 5.74G/5ML/MSVOA W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 13 09:25:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	215227	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	367285	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	339833	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	135520	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	144458	58.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.90%	
35) Dibromofluoromethane	7.88	113	116070	56.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.66%	
50) Toluene-d8	10.32	98	484567	57.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.88%	
62) 4-Bromofluorobenzene	12.62	95	162579	54.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.10%	

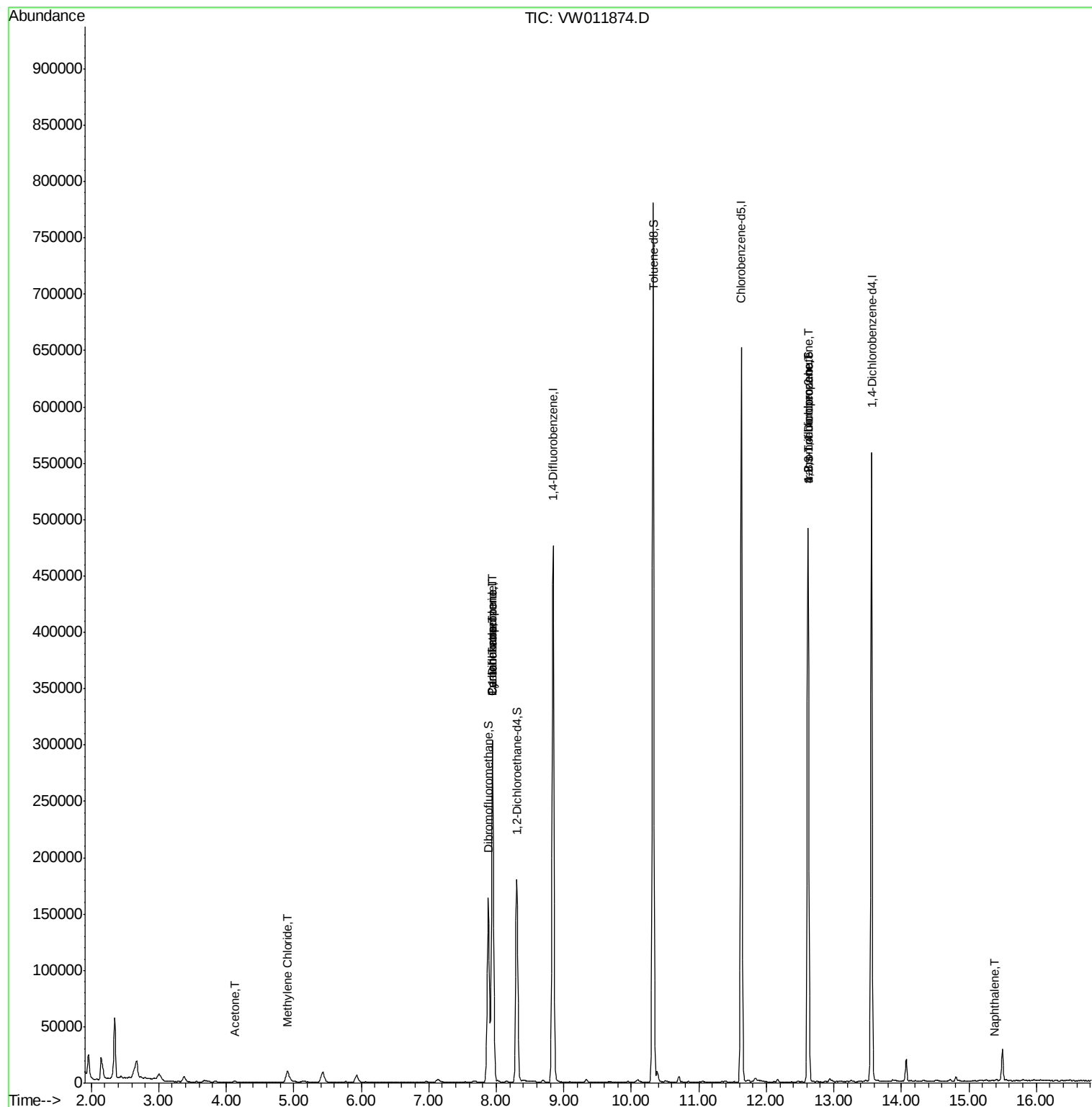
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.14	59	1348	Below Cal	#	72
16) Acetone	4.13	43	1751	2.227	ug/l #	85
20) Methylene Chloride	4.90	84	6443	2.376	ug/l	91
31) Cyclohexane	7.95	56	6447	1.395	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	19121	5.007	ug/l #	53
38) Carbon Tetrachloride	7.95	117	22504	6.883	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	86856	60.571	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	86856	139.595	ug/l #	6
95) Naphthalene	15.38	128	261	2.113	ug/l #	69

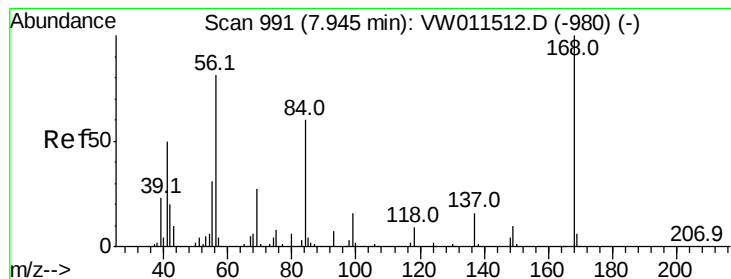
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 27 00:23:30 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: VW011874.D

Acq: 13 Aug 2019 02:28

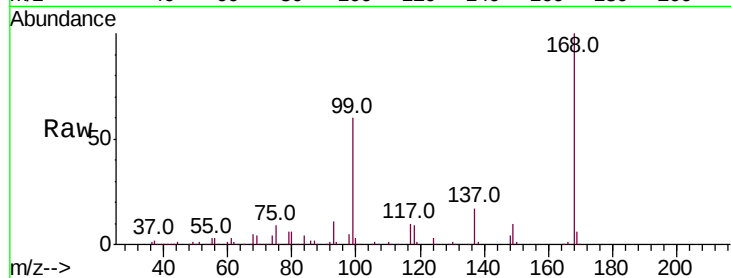
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 215227

Ion Ratio Lower Upper

168 100

99 60.0 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

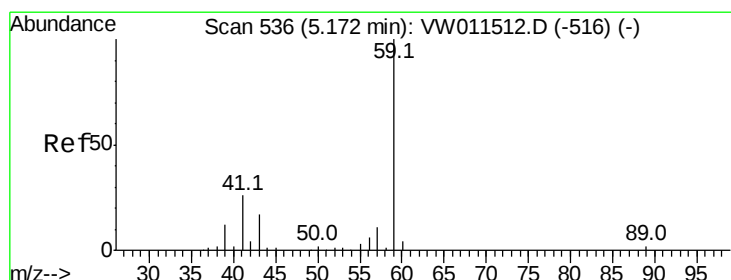
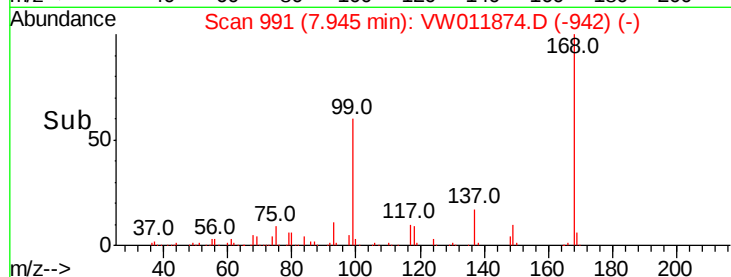
60000

40000

20000

0

Time--> 7.85 7.90 7.95 8.00 8.05



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.14 min Scan# 531

Delta R.T. -0.03 min

Lab File: VW011874.D

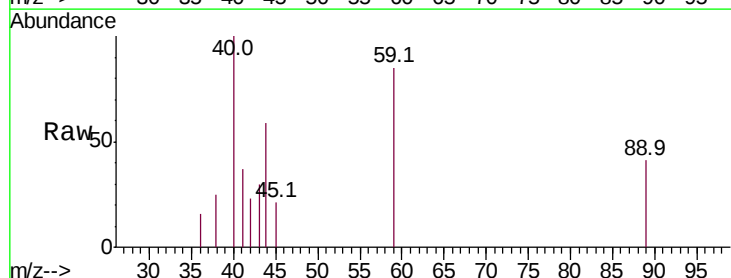
Acq: 13 Aug 2019 02:28

Tgt Ion: 59 Resp: 1348

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.14

400

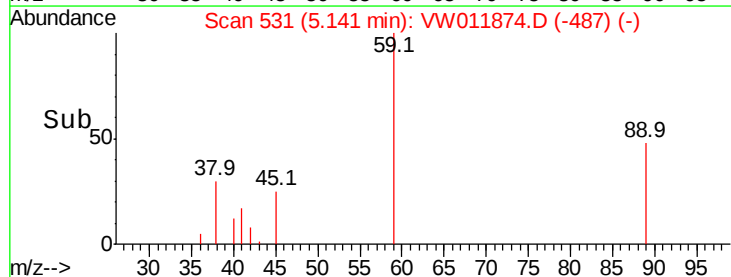
300

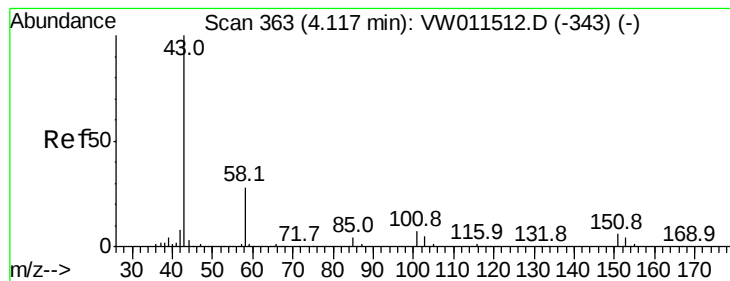
200

100

0

Time--> 5.10 5.15 5.20 5.25





#16

Acetone

Concen: 2.227 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW011874.D

Acq: 13 Aug 2019 02:28

Instrument :

MSVOA_W

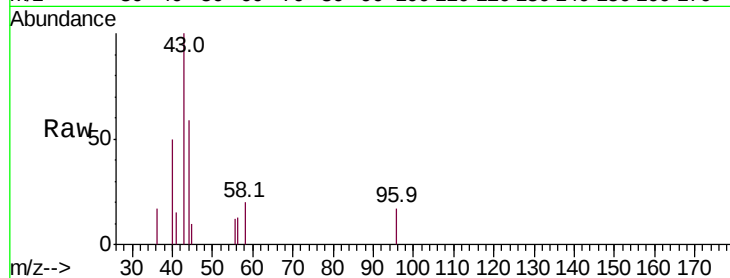
ClientSampled :

Tot Ion: 43 Resp: 1751

Ion Ratio Lower Upper

43 100

58 20.2 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

500

400

300

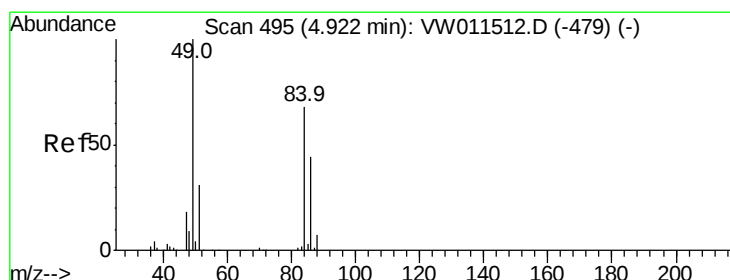
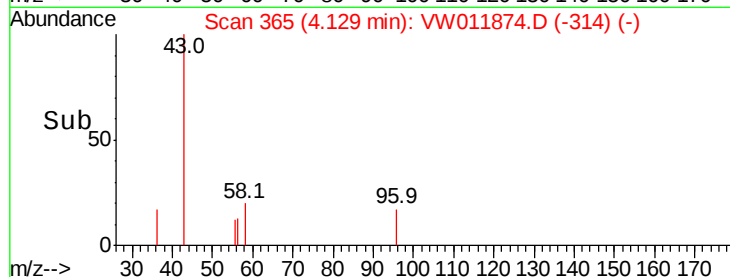
200

100

0

4.05 4.10 4.15 4.20

Time-->



#20

Methylene Chloride

Concen: 2.376 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.02 min

Lab File: VW011874.D

Acq: 13 Aug 2019 02:28

Tgt Ion: 84 Resp: 6443

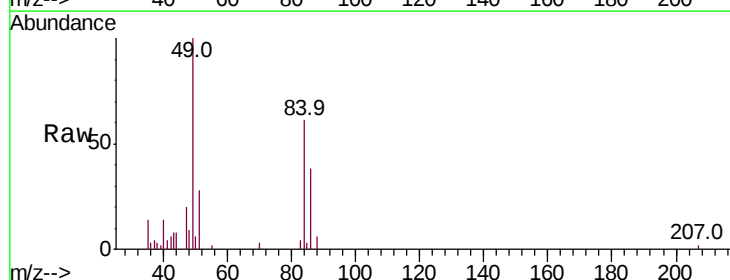
Ion Ratio Lower Upper

84 100

49 163.5 117.8 176.6

51 45.1 37.0 55.4

86 61.4 51.8 77.8



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

4000

3000

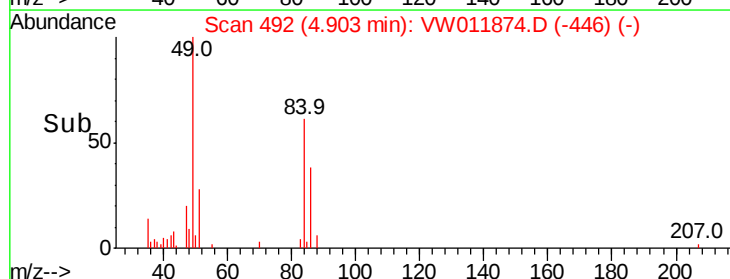
2000

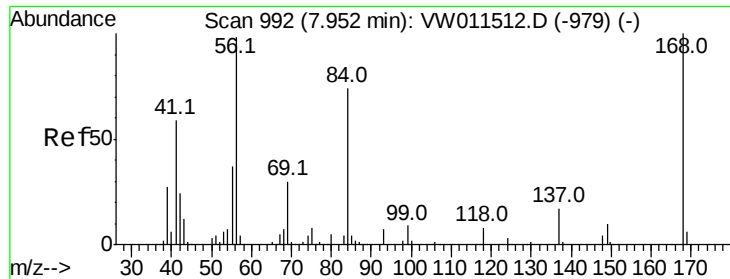
1000

0

4.80 4.90 5.00

Time-->

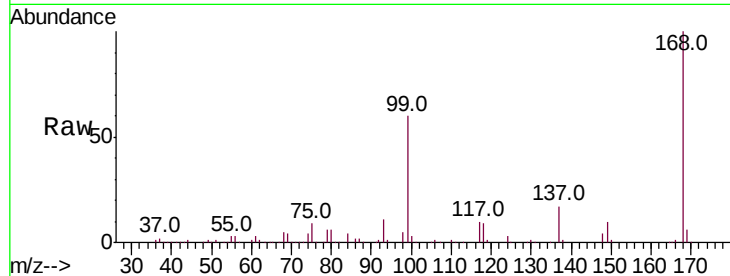




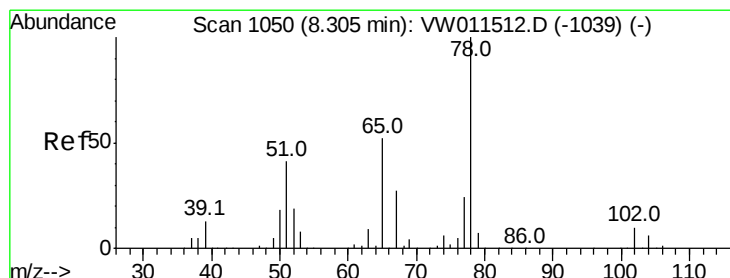
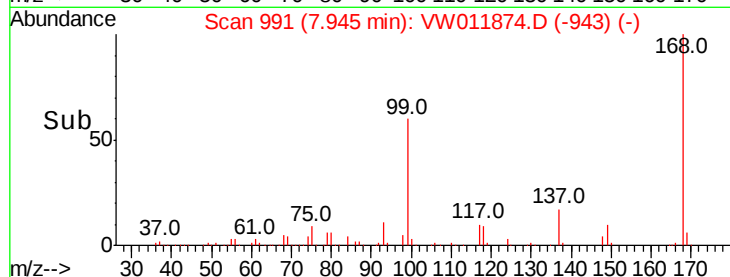
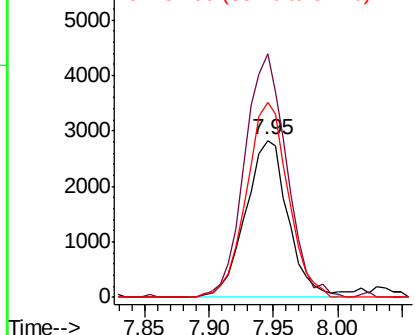
#31
Cyclohexane
Concen: 1.395 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW011874.D
Acq: 13 Aug 2019 02:28

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 6447
Ion Ratio Lower Upper
56 100
69 155.1 24.3 36.5#
84 123.9 60.4 90.6#

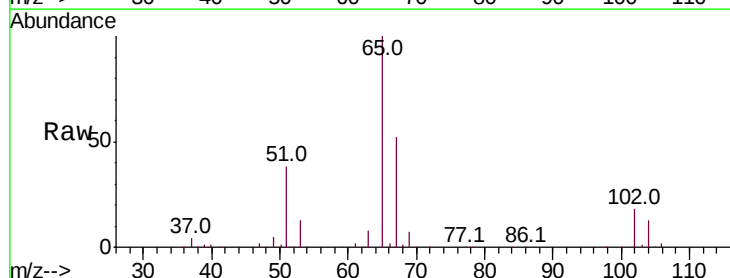


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

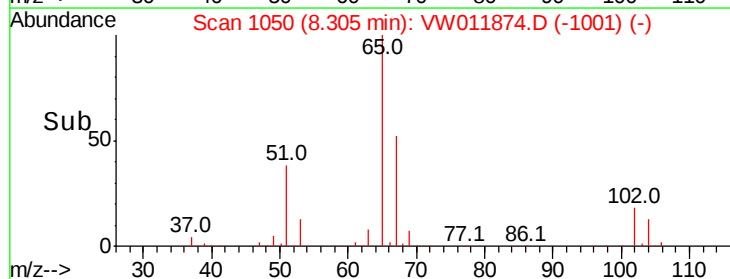
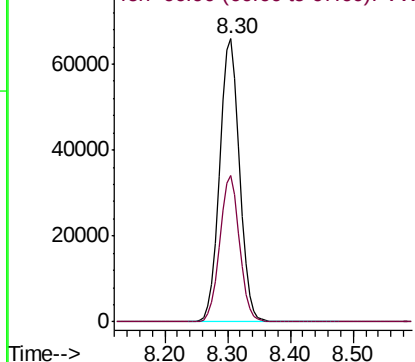


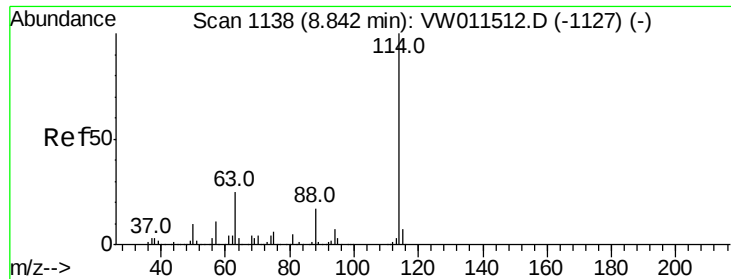
#33
1,2-Dichloroethane-d4
Concen: 58.452 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW011874.D
Acq: 13 Aug 2019 02:28

Tgt Ion: 65 Resp: 144458
Ion Ratio Lower Upper
65 100
67 51.2 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

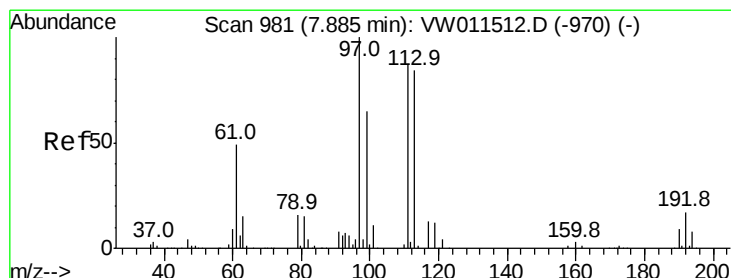
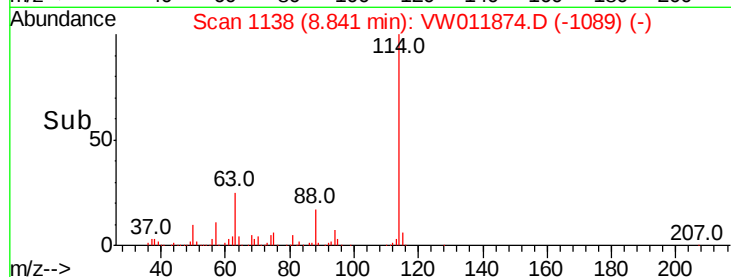
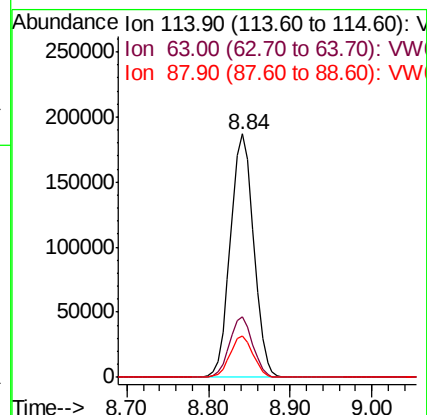
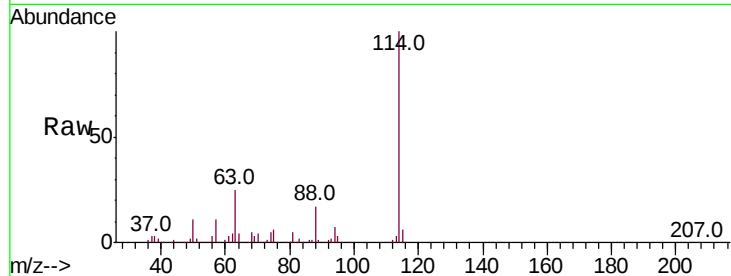




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011874.D
 Acq: 13 Aug 2019 02:28

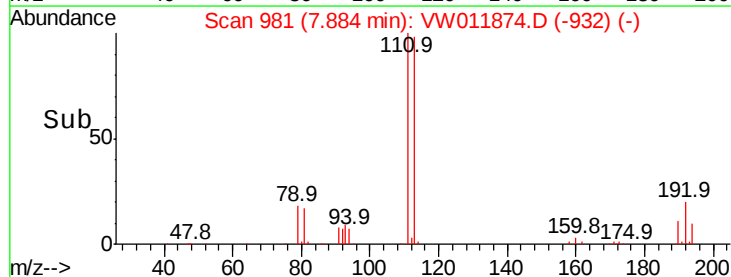
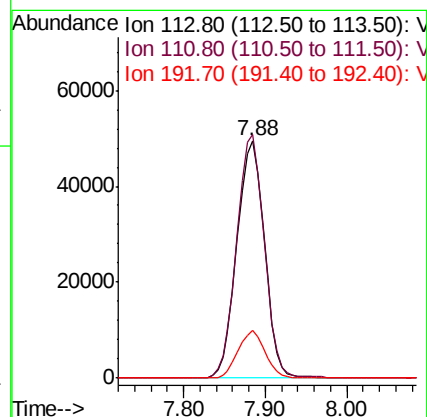
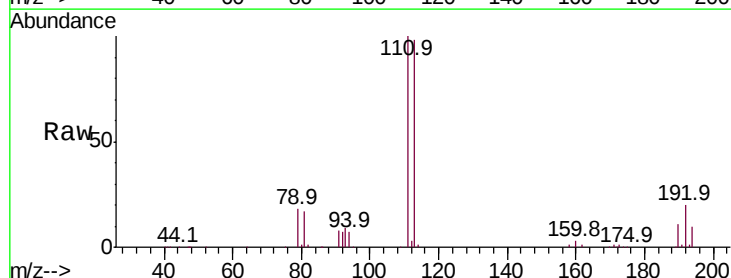
Instrument :
 MSVOA_W
 ClientSampleId :

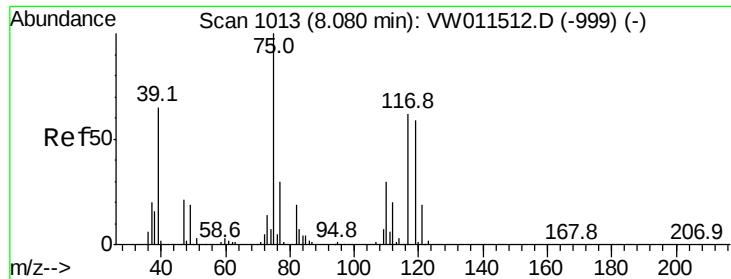
Tot Ion:114 Resp: 367285
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 49.2
 88 17.1 0.0 33.8



#35
 Dibromofluoromethane
 Concen: 56.330 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011874.D
 Acq: 13 Aug 2019 02:28

Tgt Ion:113 Resp: 116070
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.7 124.1
 192 19.6 16.1 24.1

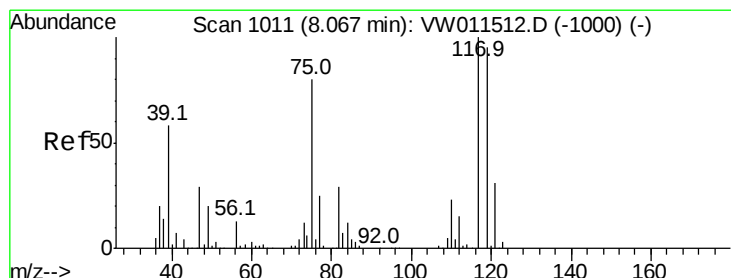
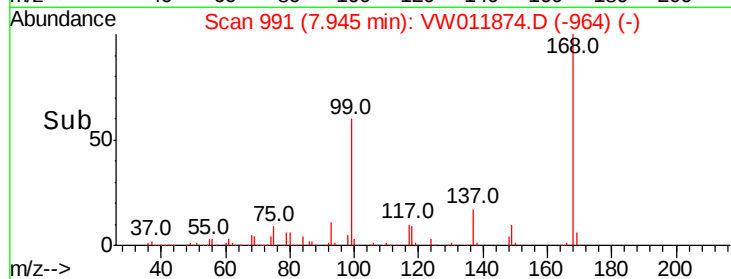
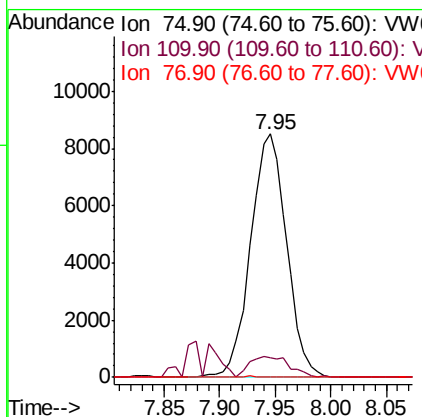
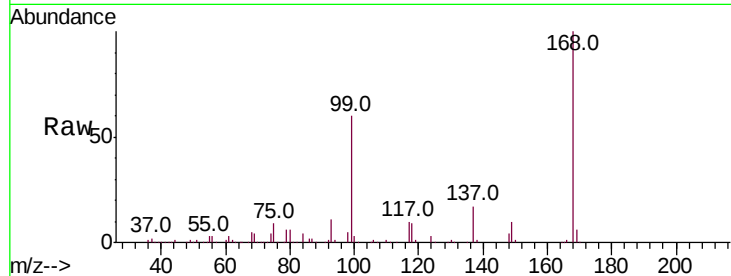




#36
 1,1-Dichloropropene
 Concen: 5.007 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011874.D
 Acq: 13 Aug 2019 02:28

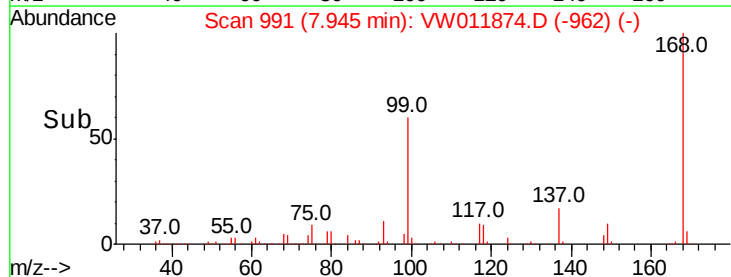
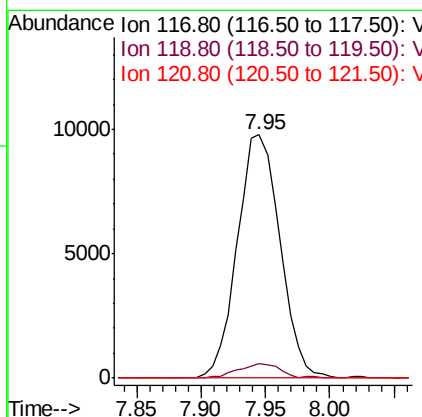
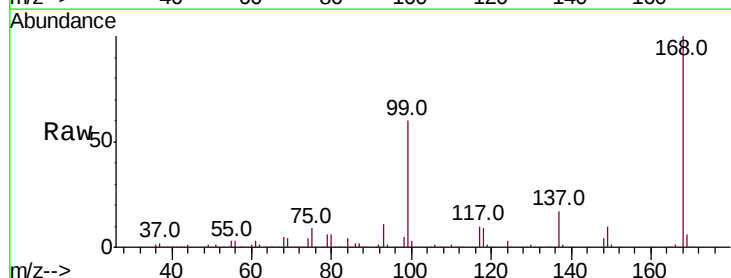
Instrument :
 MSVOA_W
 ClientSampleId :

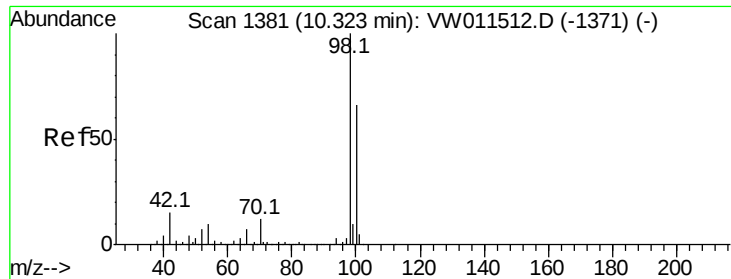
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.6	15.6	46.8#
77	0.1	24.3	36.5#



#38
 Carbon Tetrachloride
 Concen: 6.883 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW011874.D
 Acq: 13 Aug 2019 02:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.9	75.8	113.6#
121	0.0	24.7	37.1#

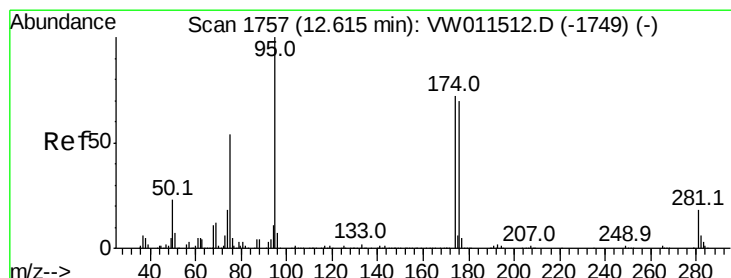
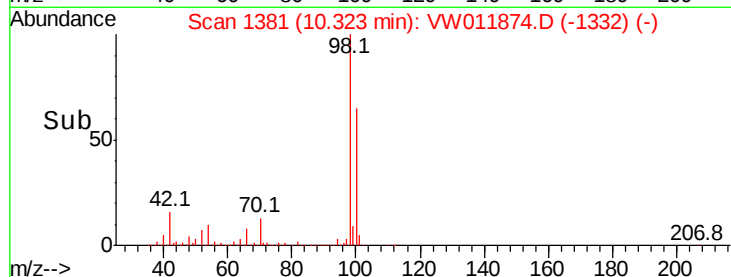
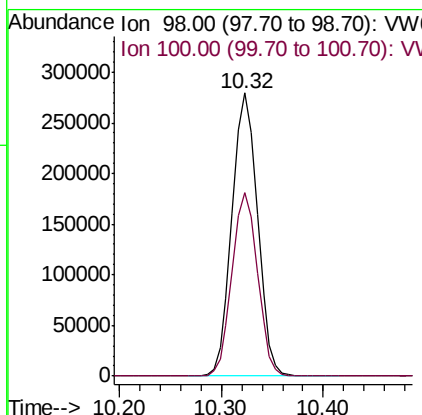
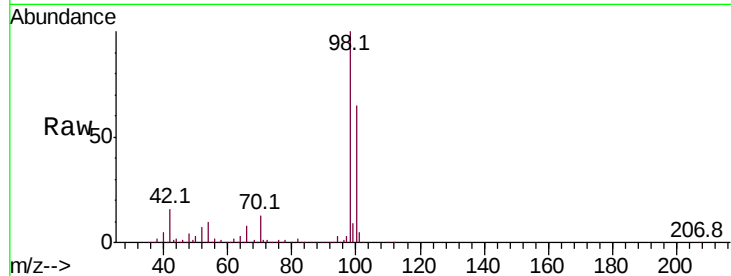




#50
Toluene-d8
Concen: 57.437 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011874.D
Acq: 13 Aug 2019 02:28

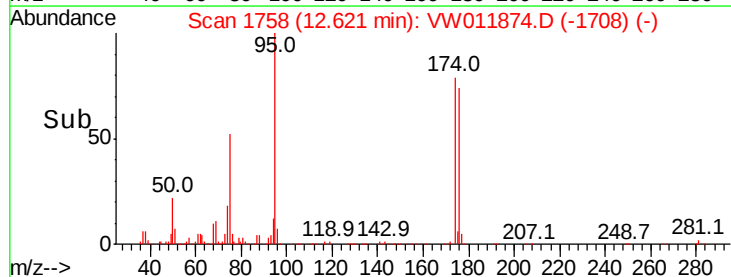
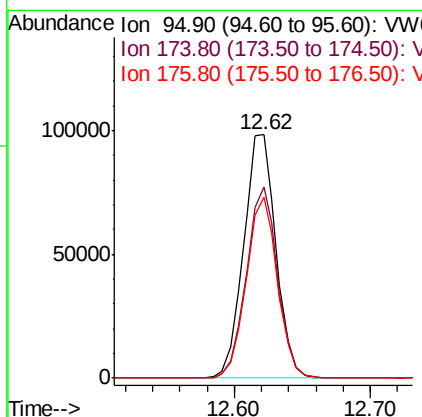
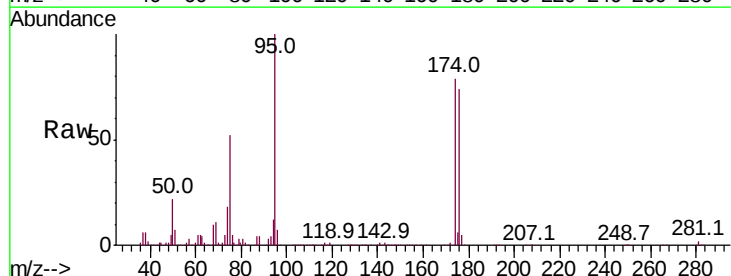
Instrument :
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ClientSampleId :

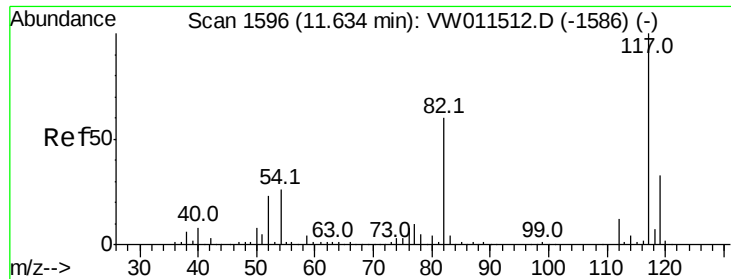
Tot Ion: 98 Resp: 484567
Ion Ratio Lower Upper
98 100
100 64.9 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 54.053 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW011874.D
Acq: 13 Aug 2019 02:28

Tgt Ion: 95 Resp: 162579
Ion Ratio Lower Upper
95 100
174 75.9 0.0 150.2
176 71.8 0.0 144.4

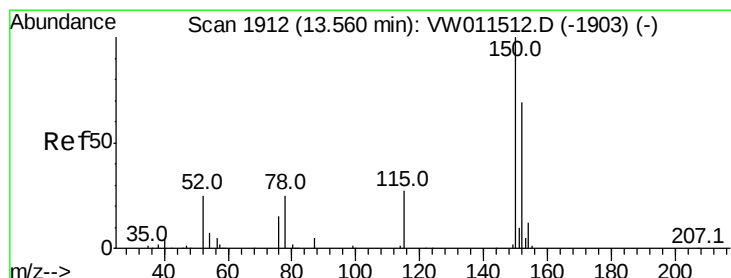
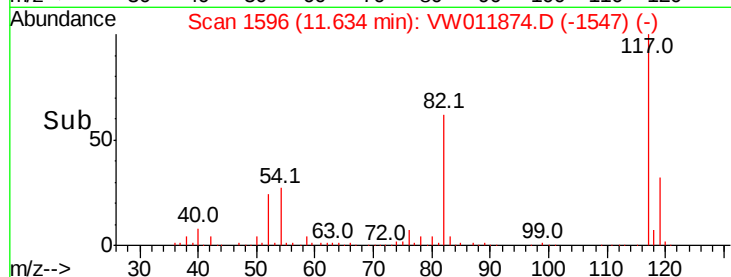
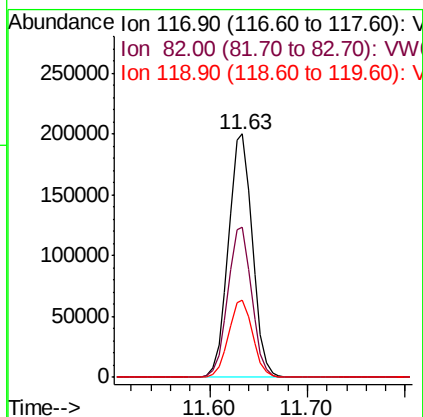
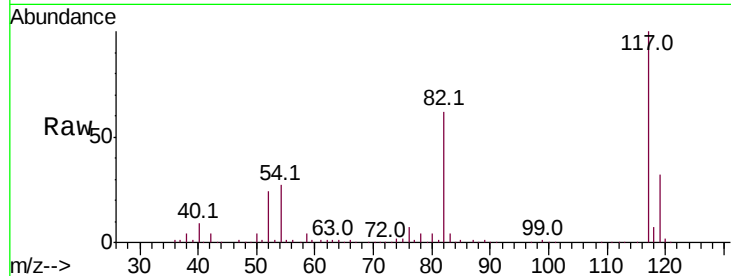




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011874.D
Acq: 13 Aug 2019 02:28

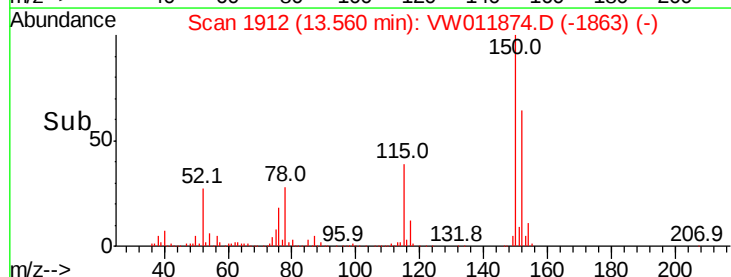
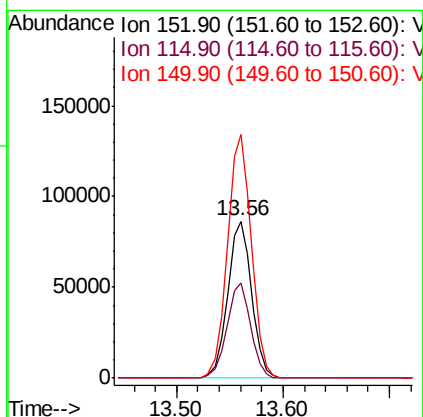
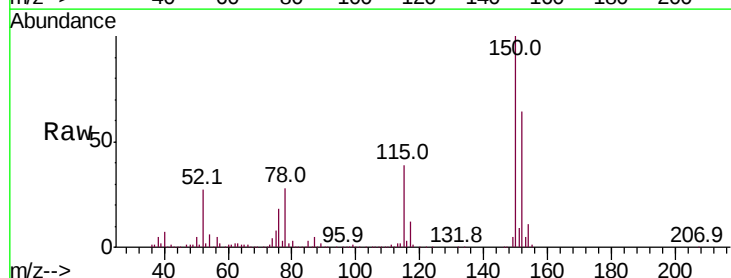
Instrument :
MSVOA_W
ClientSampled :

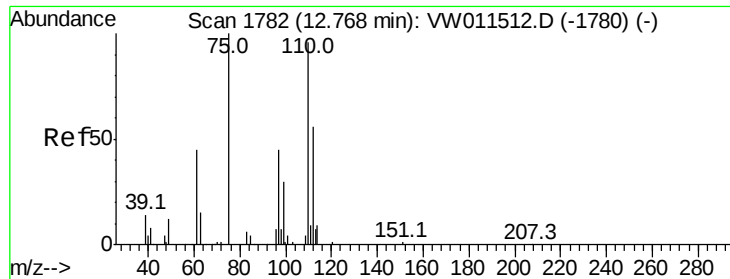
Tot Ion:117 Resp: 339833
Ion Ratio Lower Upper
117 100
82 61.8 47.9 71.9
119 31.7 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011874.D
Acq: 13 Aug 2019 02:28

Tgt Ion:152 Resp: 135520
Ion Ratio Lower Upper
152 100
115 60.1 30.5 91.5
150 155.3 0.0 352.6

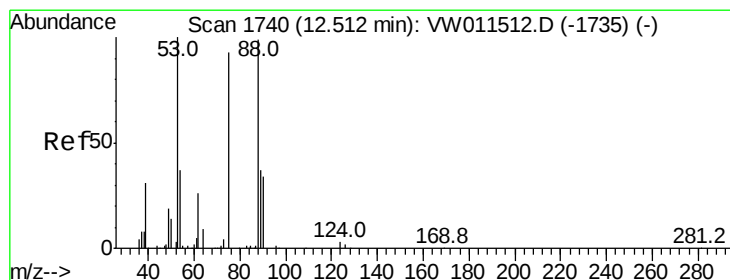
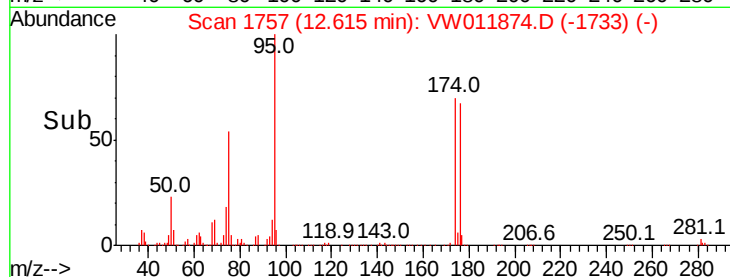
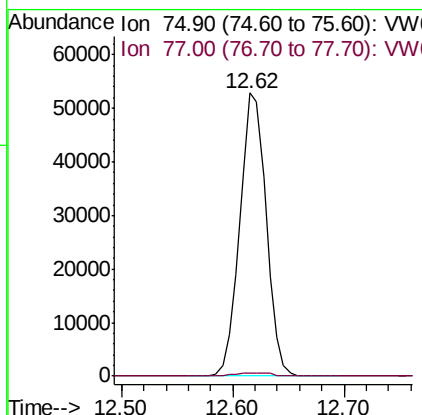
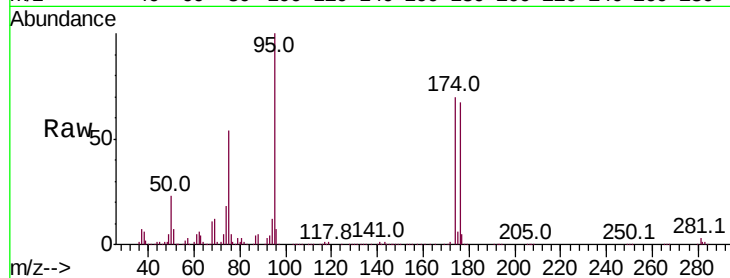




#76
 1,2,3-Trichloropropane
 Concen: 60.571 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW011874.D
 Acq: 13 Aug 2019 02:28

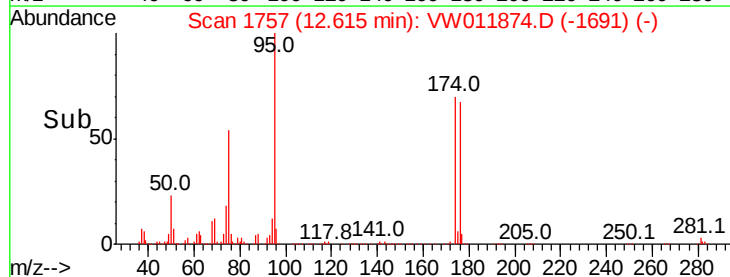
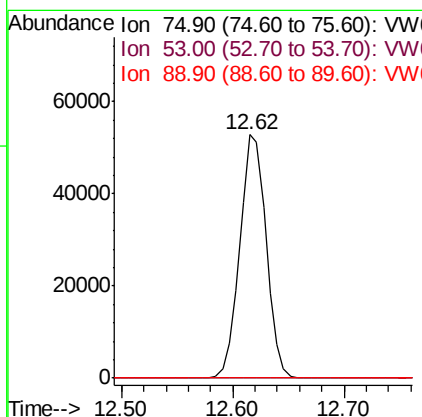
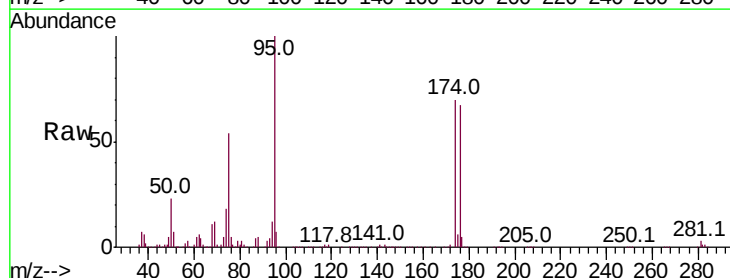
Instrument :
 MSVOA_W
 ClientSampleId :

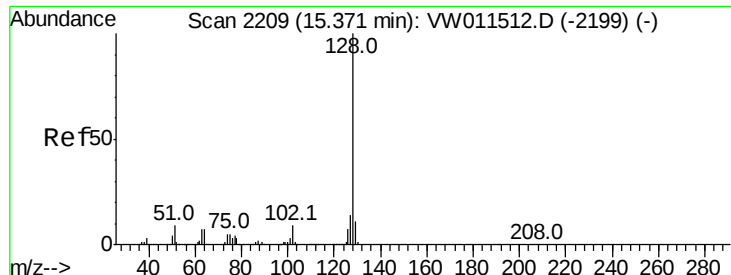
Tot Ion: 75 Resp: 86856
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 139.595 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW011874.D
 Acq: 13 Aug 2019 02:28

Tgt Ion: 75 Resp: 86856
 Ion Ratio Lower Upper
 75 100
 53 0.2 88.0 132.0#
 89 0.0 35.3 52.9#





#95

Naphthalene

Concen: 2.113 ug/l

RT: 15.38 min Scan# 2211

Delta R.T. 0.01 min

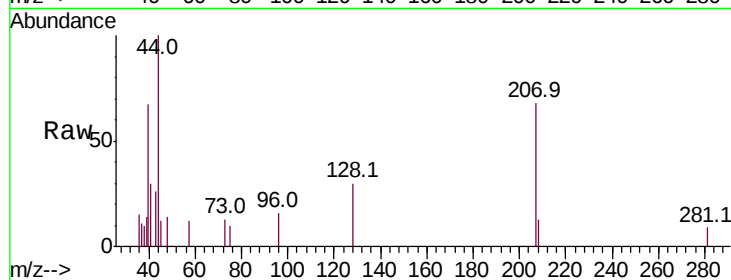
Lab File: VW011874.D

Acq: 13 Aug 2019 02:28

Instrument :

MSVOA_W

ClientSampleId :



Tot Ion:	128	Resp:	261
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.6	13.0#

