

Data File : VW015300.D
Acq On : 22 Apr 2020 11:44
Operator : SY/VA
Sample : VW0422SBL01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0422SBL01

Quant Time: Apr 23 06:48:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 21 06:39:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	203643	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	283788	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	253691	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	112676	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	77061	46.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.54%	
35) Dibromofluoromethane	7.88	113	78384	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
50) Toluene-d8	10.32	98	334840	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
62) 4-Bromofluorobenzene	12.62	95	111382	44.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.30%	

Target Compounds

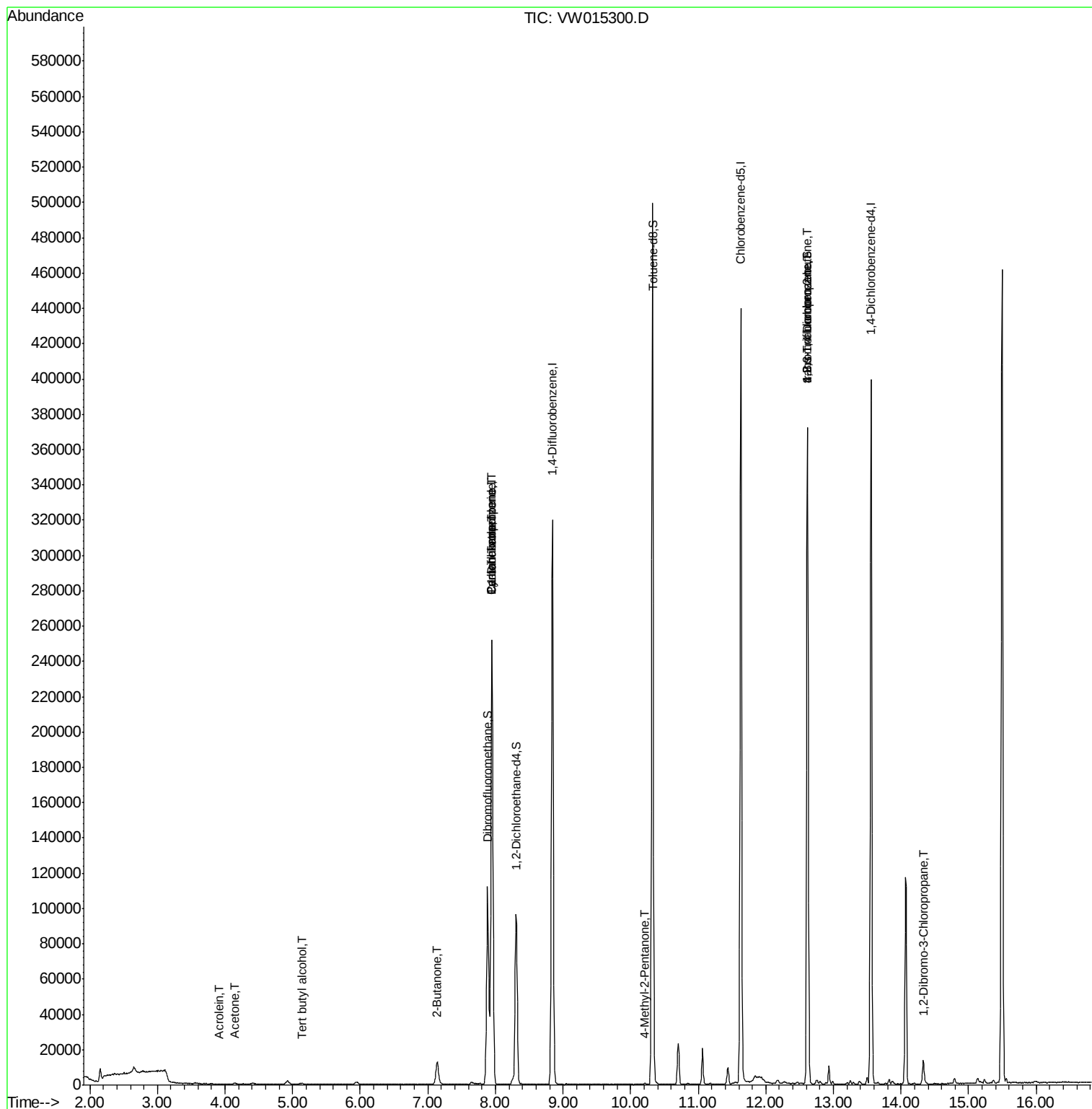
						Qvalue
11) Tert butyl alcohol	5.13	59	296	2.181	ug/l #	91
13) Acrolein	3.91	56	90	1.267	ug/l	93
16) Acetone	4.14	43	1618	5.563	ug/l #	83
25) 2-Butanone	7.14	43	1030	2.669	ug/l #	48
31) Cyclohexane	7.95	56	3834	1.245	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	13321	5.201	ug/l #	50
38) Carbon Tetrachloride	7.95	117	18161	6.488	ug/l #	18
51) 4-Methyl-2-Pentanone	10.21	43	890	1.087	ug/l #	70
76) 1,2,3-Trichloropropane	12.62	75	55997	64.241	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	55997	140.431	ug/l #	15
92) 1,2-Dibromo-3-Chloropropan	14.32	75	561	2.795	ug/l #	2

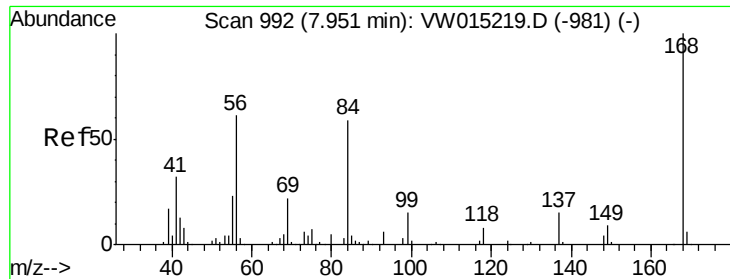
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015300.D

Acq: 22 Apr 2020 11:44

Instrument :

MSVOA_W

ClientSampled :

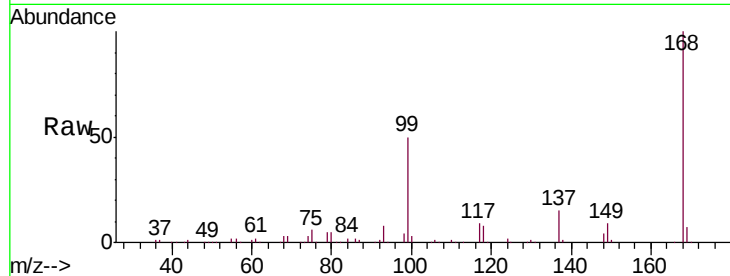
VW0422SBL01

Tgt Ion:168 Resp: 203643

Ion Ratio Lower Upper

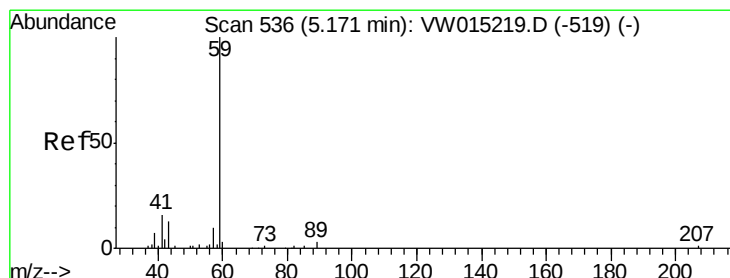
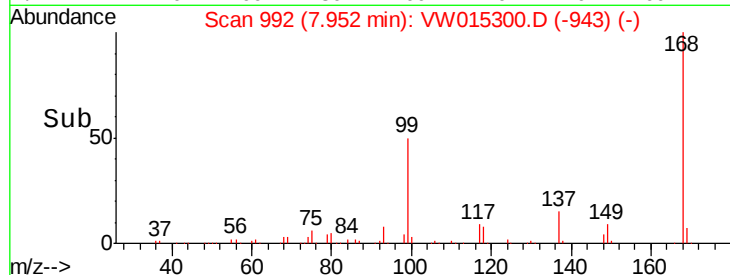
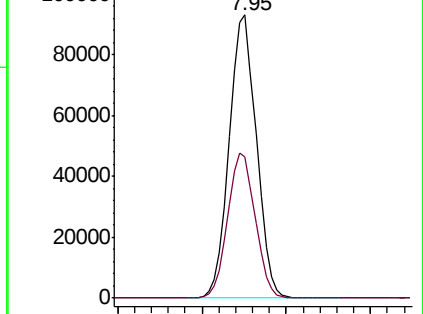
168 100

99 50.1 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 2.181 ug/l

RT: 5.13 min Scan# 529

Delta R.T. -0.04 min

Lab File: VW015300.D

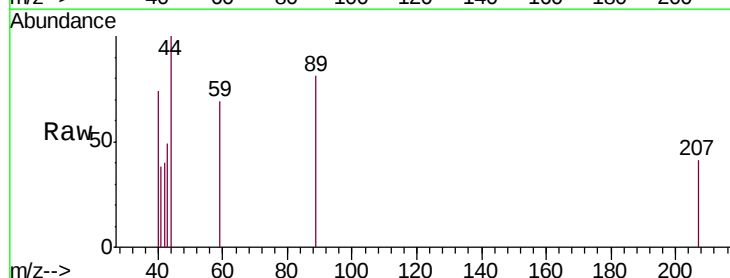
Acq: 22 Apr 2020 11:44

Tgt Ion: 59 Resp: 296

Ion Ratio Lower Upper

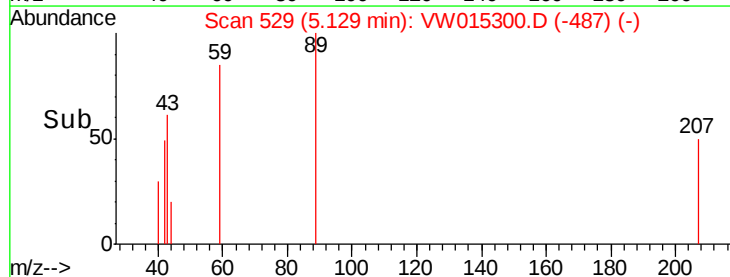
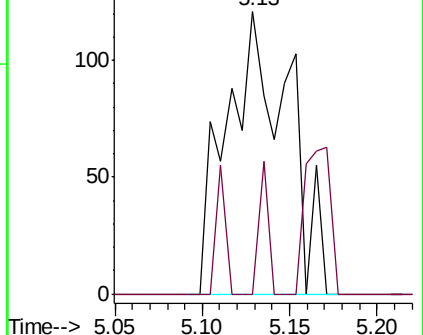
59 100

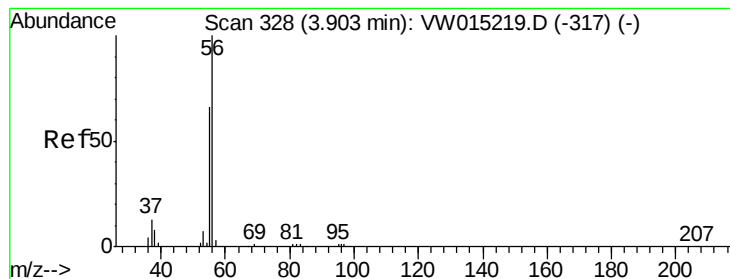
57 7.1 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#13

Acrolein

Concen: 1.267 ug/l

RT: 3.91 min Scan# 329

Delta R.T. 0.01 min

Lab File: VW015300.D

Acq: 22 Apr 2020 11:44

Instrument :

MSVOA_W

ClientSampleId :

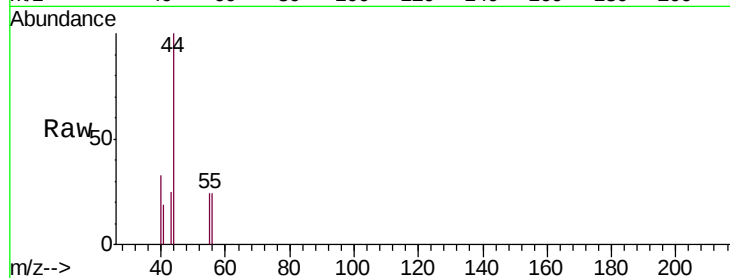
VW0422SBL01

Tgt Ion: 56 Resp: 90

Ion Ratio Lower Upper

56 100

55 64.4 56.2 84.2



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

120

100

80

60

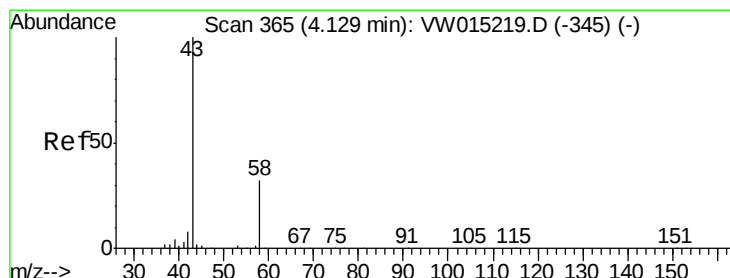
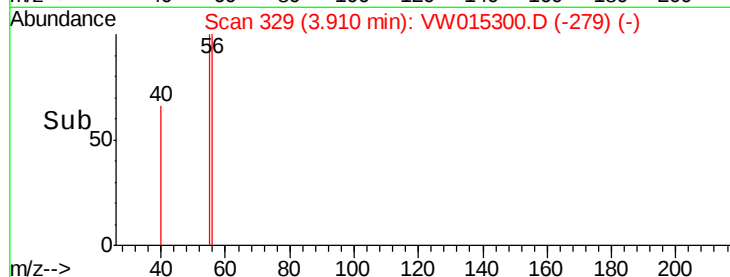
40

20

0

3.88 3.90 3.92 3.94

Time-->



#16

Acetone

Concen: 5.563 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW015300.D

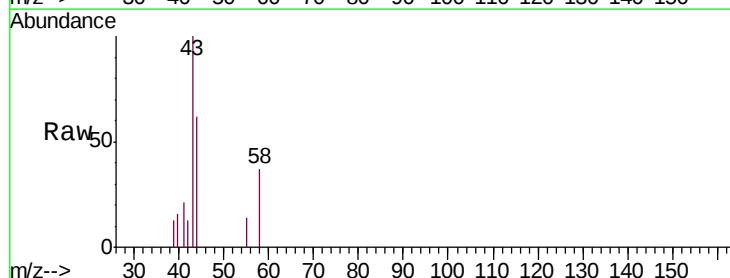
Acq: 22 Apr 2020 11:44

Tgt Ion: 43 Resp: 1618

Ion Ratio Lower Upper

43 100

58 43.4 27.0 40.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

500

400

300

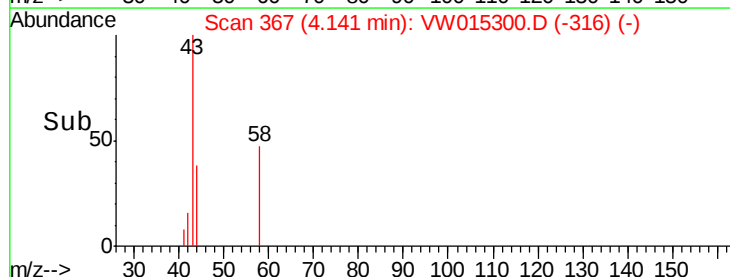
200

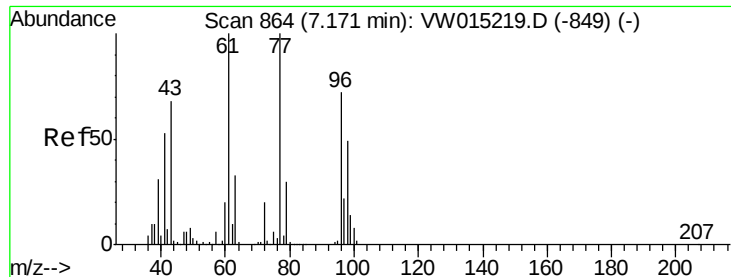
100

0

4.05 4.10 4.15 4.20 4.25

Time-->





#25

2-Butanone

Concen: 2.669 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: VW015300.D

Acq: 22 Apr 2020 11:44

Instrument :

MSVOA_W

ClientSampleId :

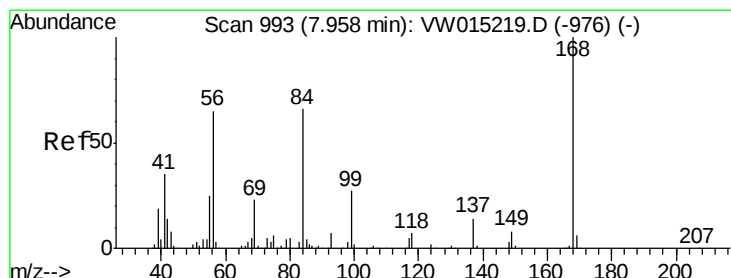
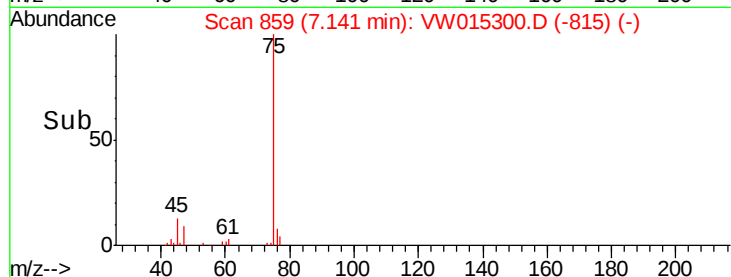
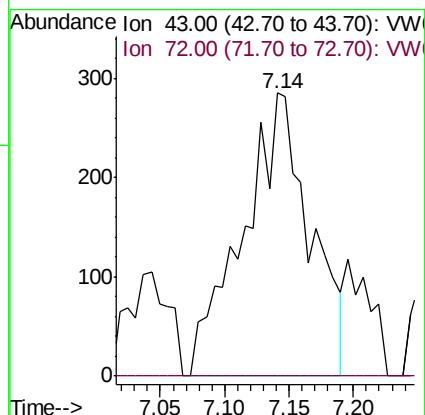
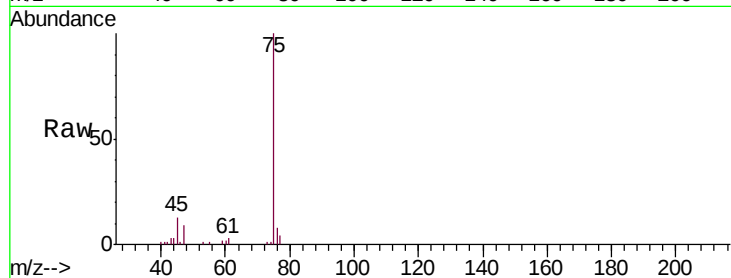
VW0422SBL01

Tgt Ion: 43 Resp: 1030

Ion Ratio Lower Upper

43 100

72 0.0 21.6 32.4#



#31

Cyclohexane

Concen: 1.245 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW015300.D

Acq: 22 Apr 2020 11:44

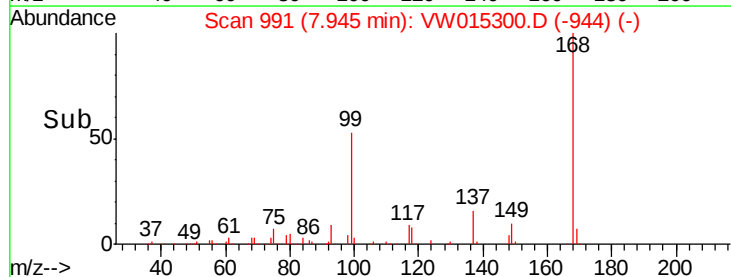
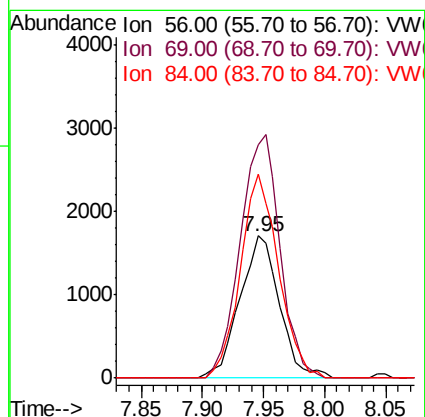
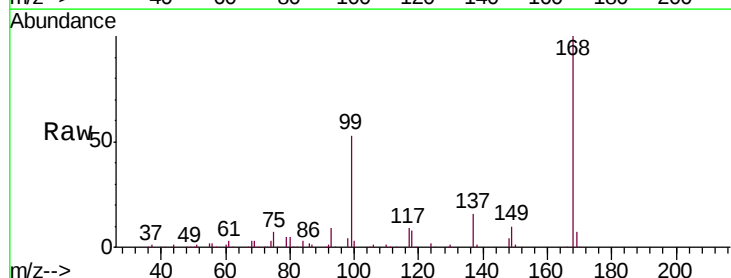
Tgt Ion: 56 Resp: 3834

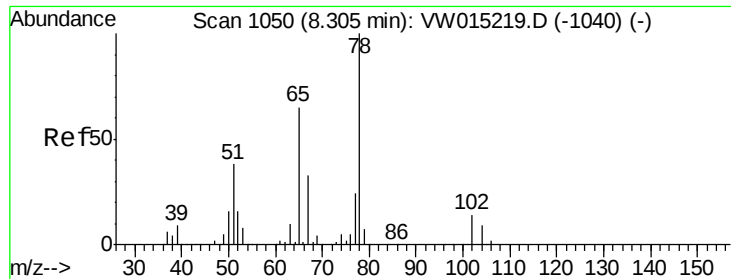
Ion Ratio Lower Upper

56 100

69 164.3 27.1 40.7#

84 143.8 71.9 107.9#

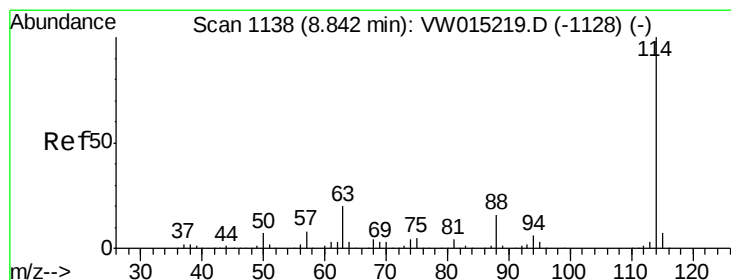
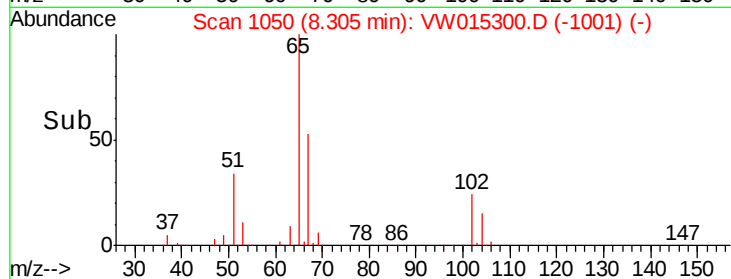
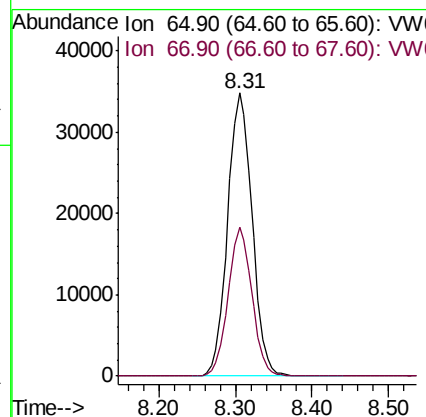
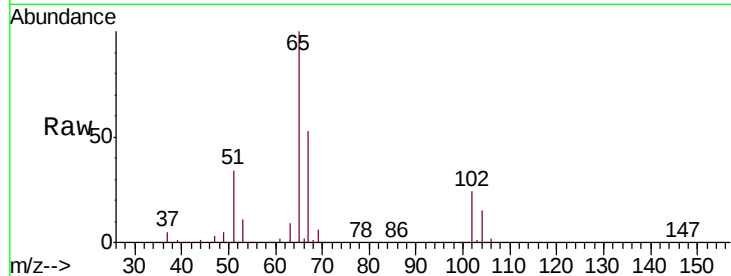




#33
 1,2-Dichloroethane-d4
 Concen: 46.275 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW015300.D
 Acq: 22 Apr 2020 11:44

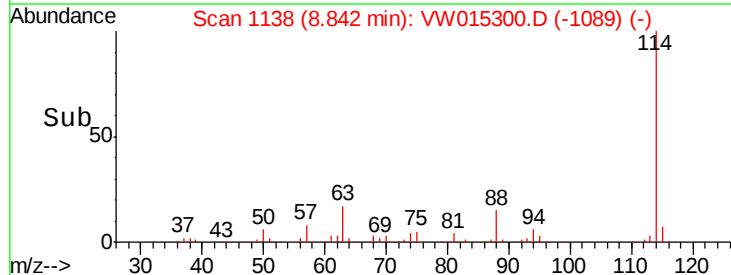
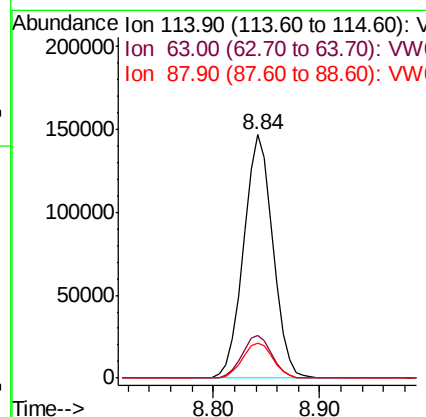
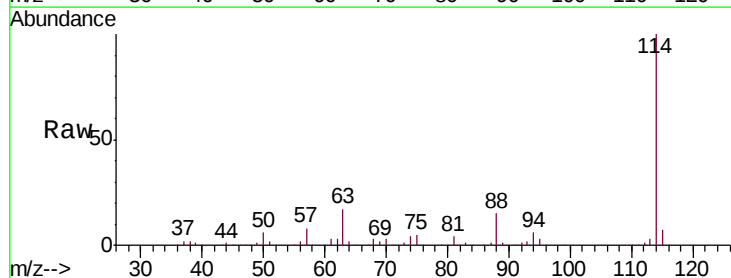
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0422SBL01

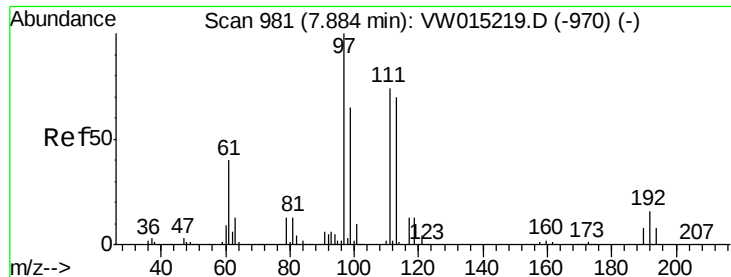
Tgt Ion: 65 Resp: 77061
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015300.D
 Acq: 22 Apr 2020 11:44

Tgt Ion: 114 Resp: 283788
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 39.8
 88 14.6 0.0 30.2

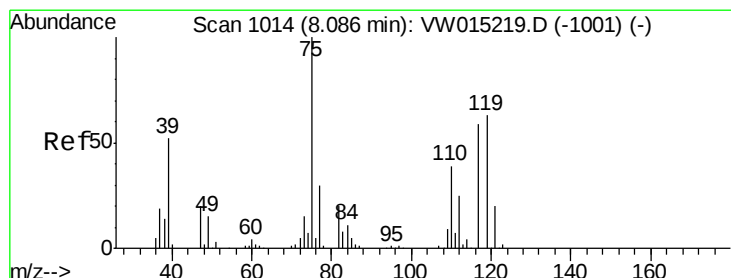
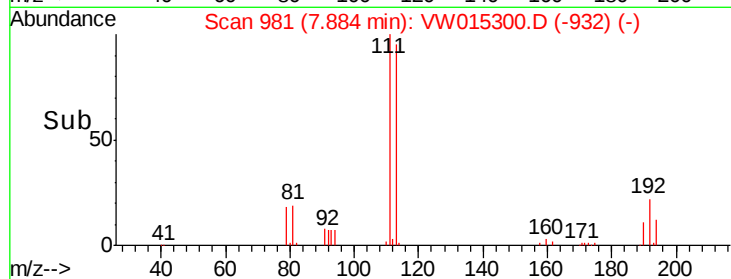
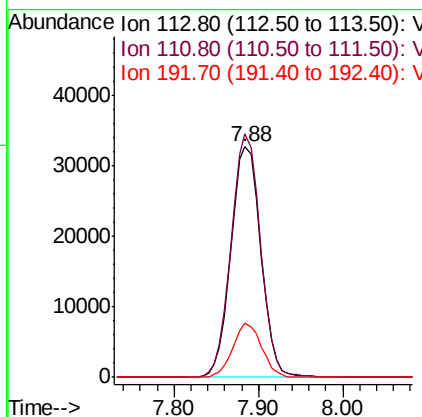
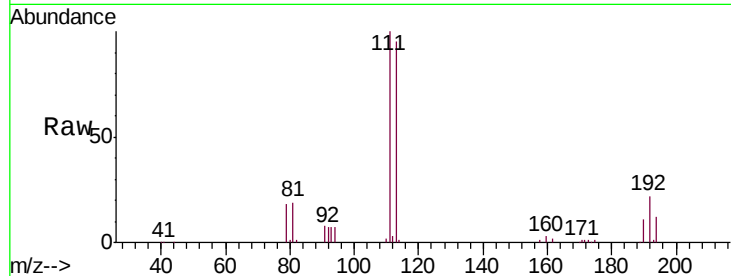




#35
 Dibromofluoromethane
 Concen: 49.864 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW015300.D
 Acq: 22 Apr 2020 11:44

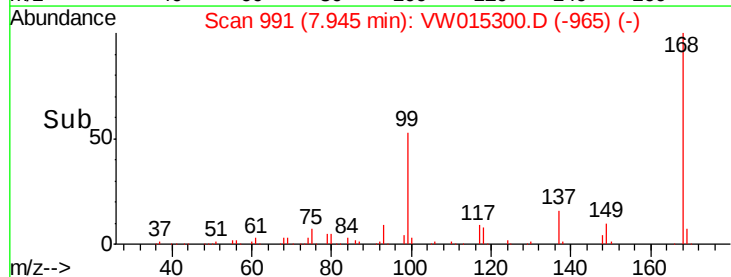
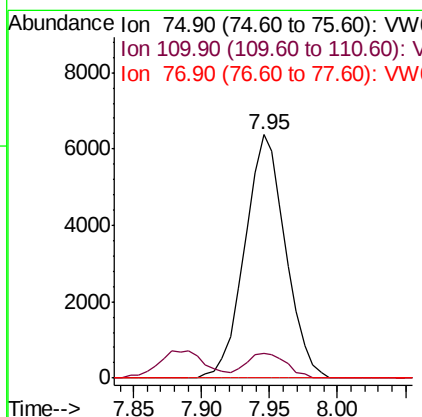
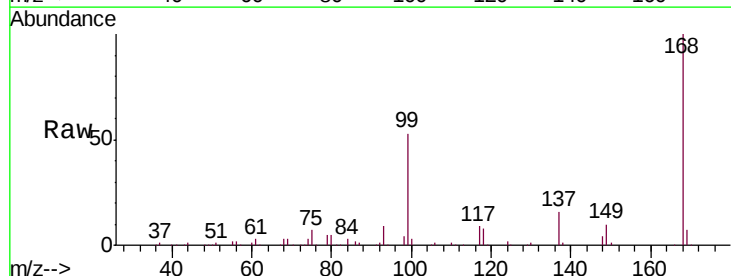
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0422SBL01

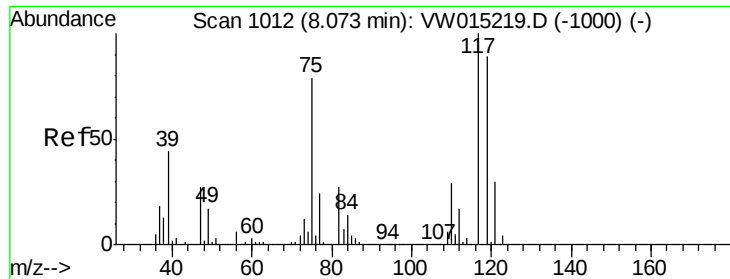
Tgt Ion:113 Resp: 78384
 Ion Ratio Lower Upper
 113 100
 111 103.4 83.0 124.4
 192 22.4 15.1 22.7



#36
 1,1-Dichloropropene
 Concen: 5.201 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW015300.D
 Acq: 22 Apr 2020 11:44

Tgt Ion: 75 Resp: 13321
 Ion Ratio Lower Upper
 75 100
 110 10.1 18.2 54.6#
 77 0.0 24.5 36.7#

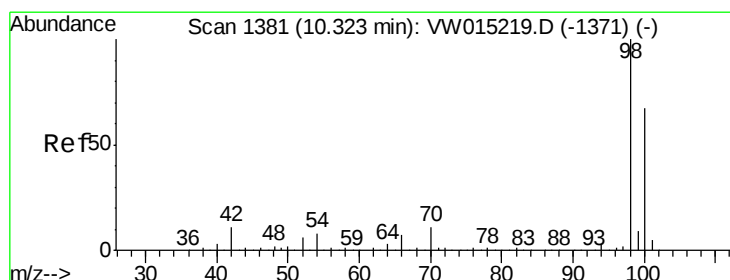
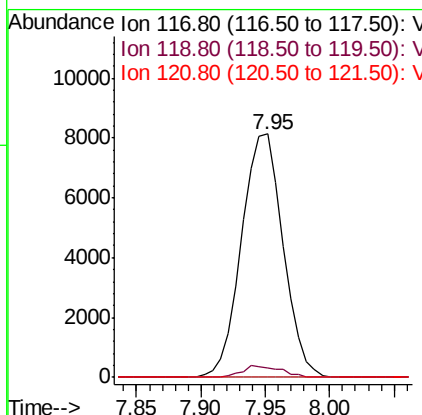
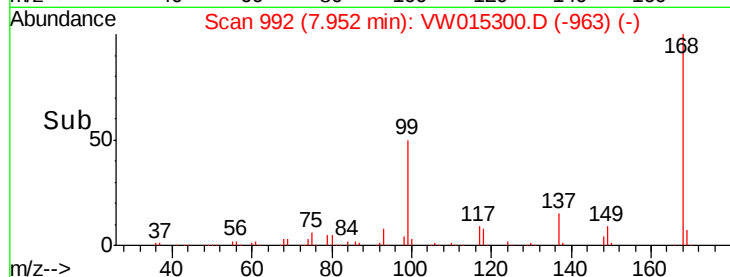
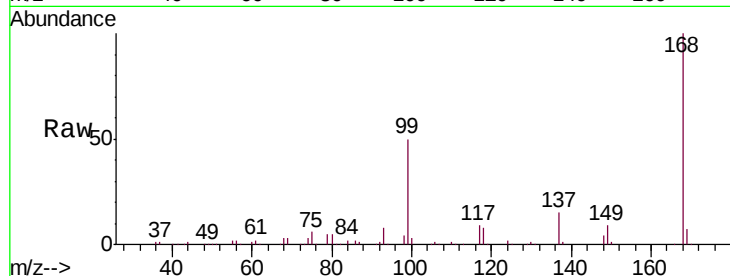




#38
Carbon Tetrachloride
Concen: 6.488 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW015300.D
Acq: 22 Apr 2020 11:44

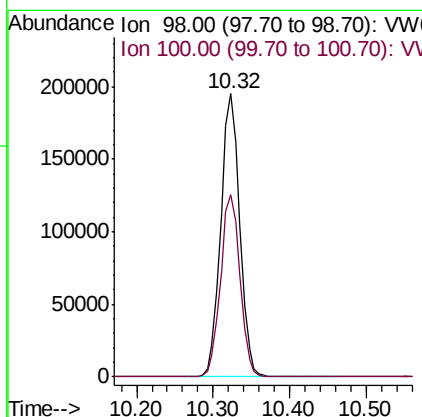
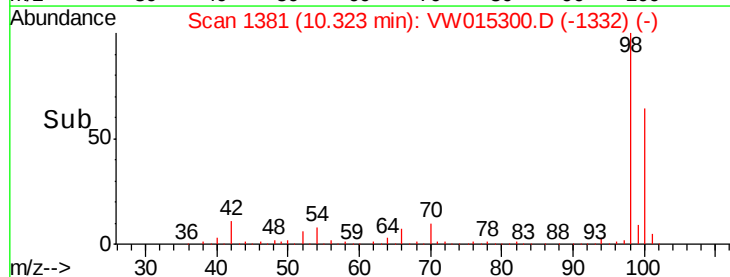
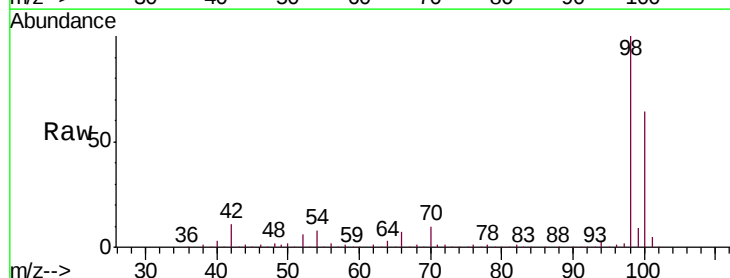
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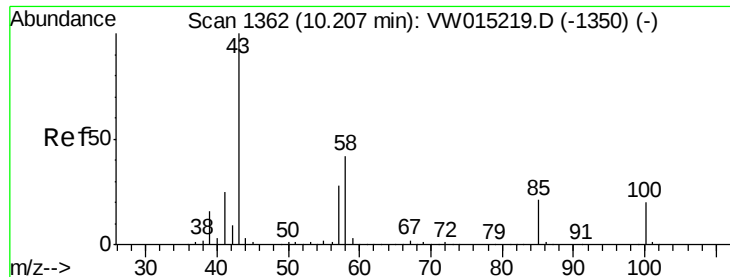
Tgt Ion: 117 Resp: 18161
Ion Ratio Lower Upper
117 100
119 4.0 72.3 108.5#
121 0.0 23.7 35.5#



#50
Toluene-d8
Concen: 50.636 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW015300.D
Acq: 22 Apr 2020 11:44

Tgt Ion: 98 Resp: 334840
Ion Ratio Lower Upper
98 100
100 65.7 52.9 79.3

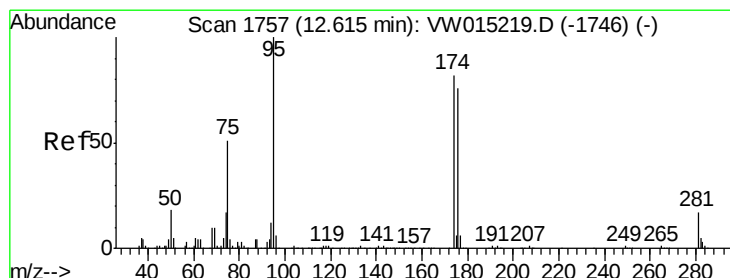
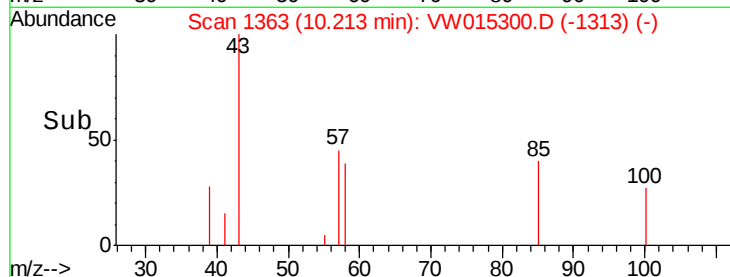
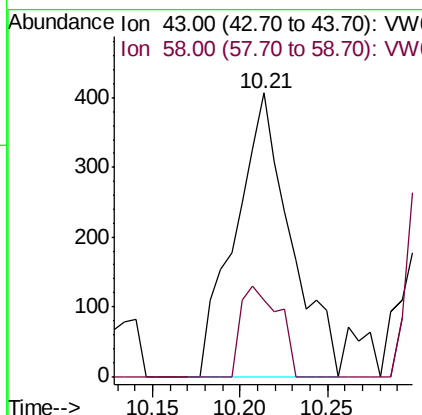
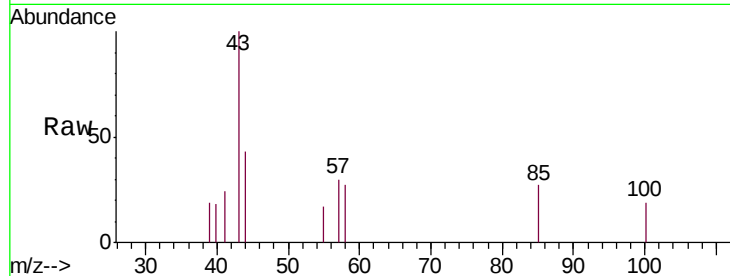




#51
 4-Methyl-2-Pentanone
 Concen: 1.087 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: VW015300.D
 Acq: 22 Apr 2020 11:44

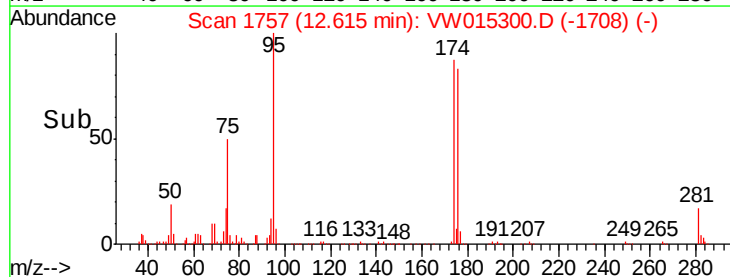
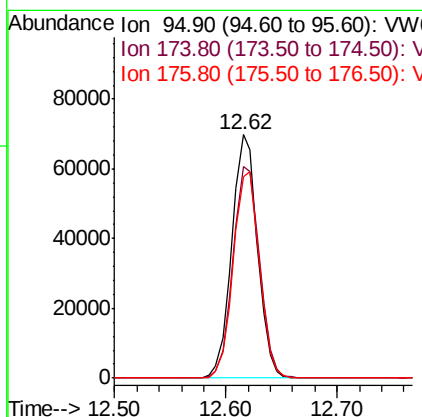
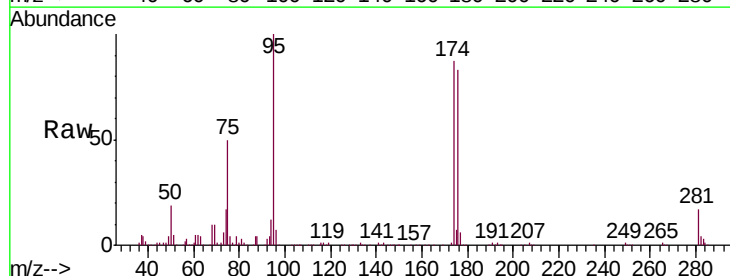
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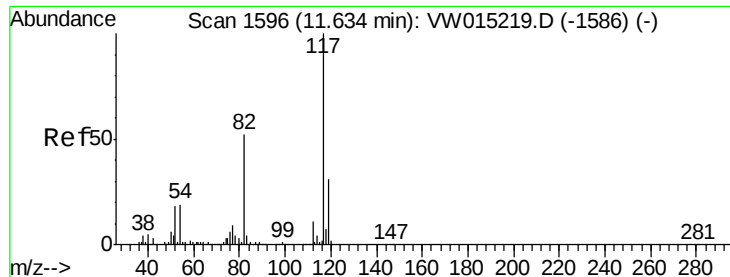
Tgt Ion: 43 Resp: 890
 Ion Ratio Lower Upper
 43 100
 58 22.0 32.3 48.5#



#62
 4-Bromofluorobenzene
 Concen: 44.145 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW015300.D
 Acq: 22 Apr 2020 11:44

Tgt Ion: 95 Resp: 111382
 Ion Ratio Lower Upper
 95 100
 174 89.9 0.0 144.4
 176 86.7 0.0 140.6

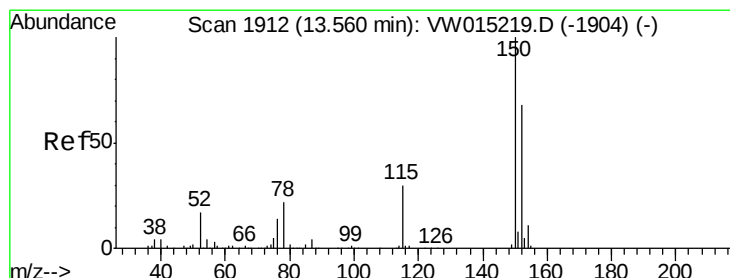
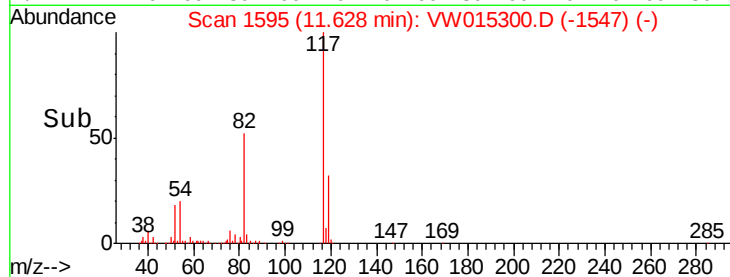
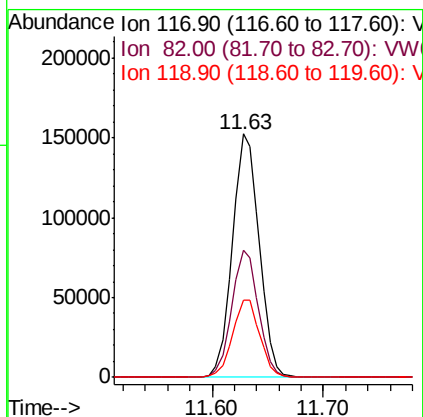
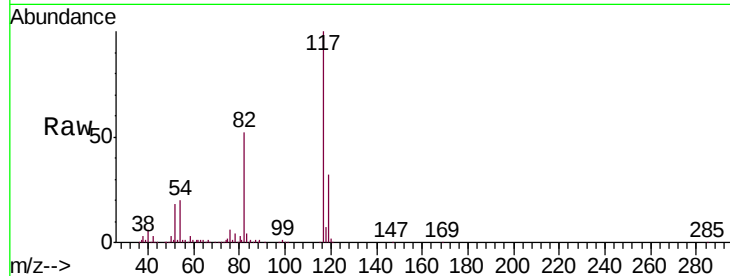




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015300.D
Acq: 22 Apr 2020 11:44

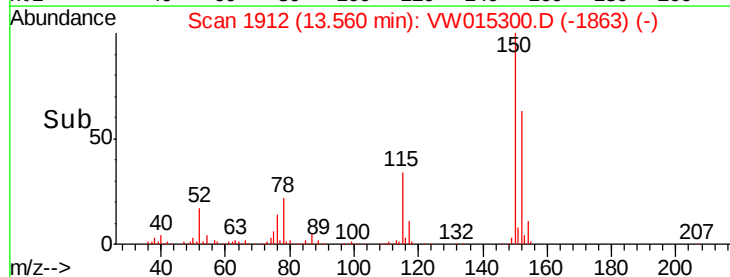
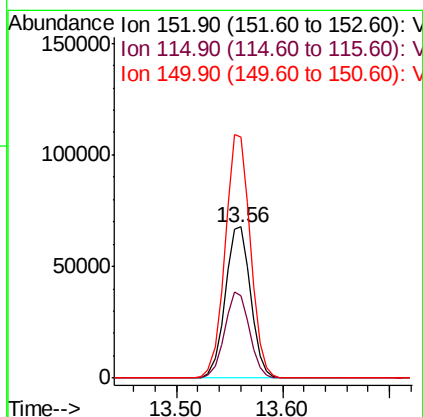
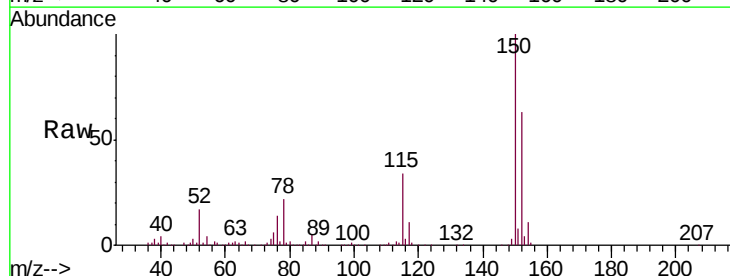
Instrument :
MSVOA_W
ClientSampleId :
VW0422SBL01

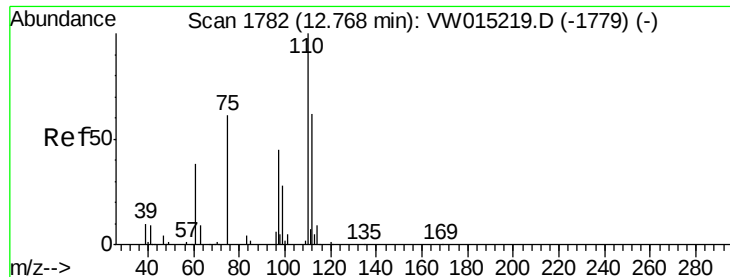
Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.0	44.1	66.1
119	31.4	24.9	37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW015300.D
Acq: 22 Apr 2020 11:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.8	31.3	93.9
150	160.2	0.0	343.4

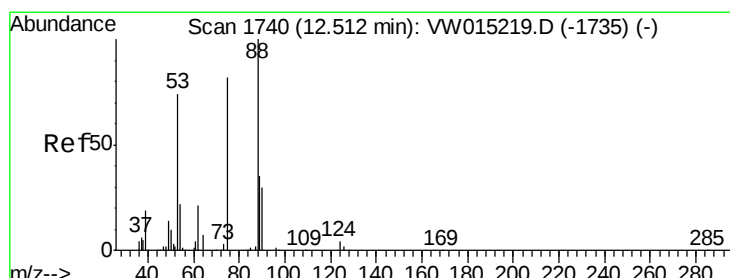
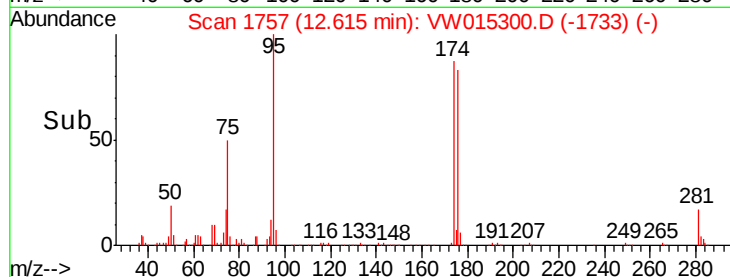
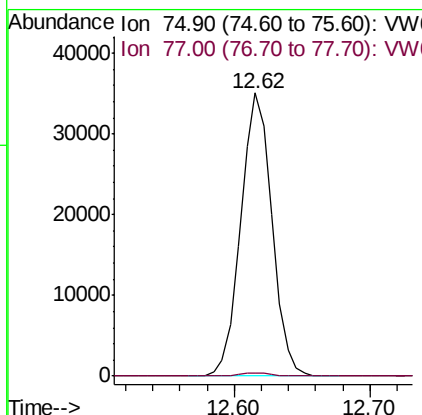
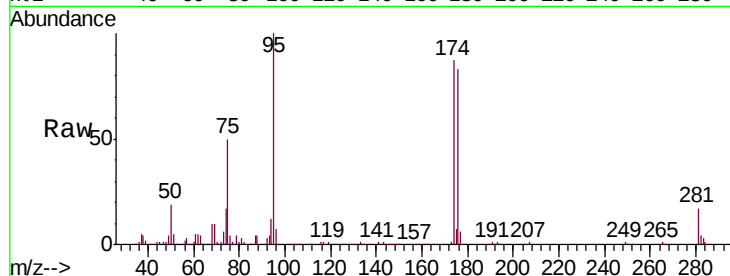




#76
 1,2,3-Trichloropropane
 Concen: 64.241 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW015300.D
 Acq: 22 Apr 2020 11:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0422SBL01

Tgt Ion: 75 Resp: 55997
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 140.431 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW015300.D
 Acq: 22 Apr 2020 11:44

Tgt Ion: 75 Resp: 55997
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.4 104.2#
 89 0.1 34.8 52.2#

