

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062420\
 Data File : VW015685.D
 Acq On : 24 Jun 2020 16:13
 Operator : SY/VA
 Sample : L3082-13
 Misc : 5.49G/5ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-14

Quant Time: Jun 25 02:04:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	151639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	272416	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	259256	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	114481	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	105521	62.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.08%	
35) Dibromofluoromethane	7.88	113	89810	52.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.82%	
50) Toluene-d8	10.32	98	346036	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.62%	
62) 4-Bromofluorobenzene	12.62	95	119573	48.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.30%	

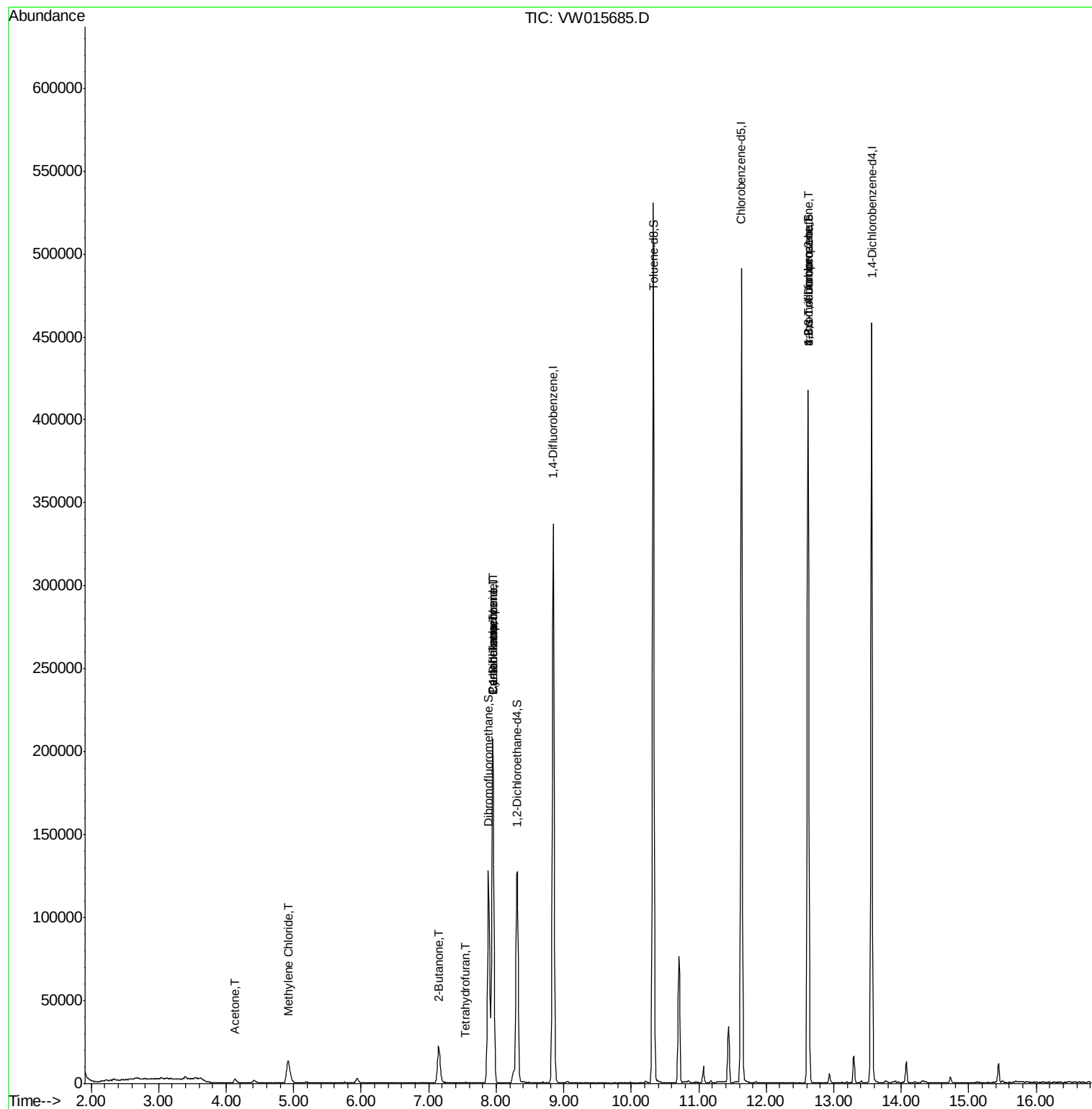
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.19	59	839	Below Cal	#	72
16) Acetone	4.13	43	4648	14.491	ug/l	90
18) Methyl Acetate	4.85	43	45	Below Cal	#	52
20) Methylene Chloride	4.92	84	11370	2.993	ug/l	95
25) 2-Butanone	7.15	43	1510	3.483	ug/l #	81
29) Tetrahydrofuran	7.54	42	363	1.425	ug/l #	53
31) Cyclohexane	7.95	56	3928	1.352	ug/l #	15
36) 1,1-Dichloropropene	7.95	75	13014	4.593	ug/l #	50
38) Carbon Tetrachloride	7.95	117	15589	5.676	ug/l #	19
76) 1,2,3-Trichloropropane	12.62	75	66476	63.660	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	66476	160.424	ug/l #	8

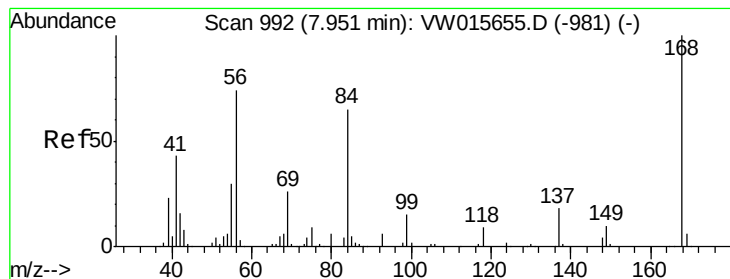
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW062420\
Data File : VW015685.D
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Misc : 5.49G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015685.D

Acq: 24 Jun 2020 16:13

Instrument :

MSVOA_W

ClientSampled :

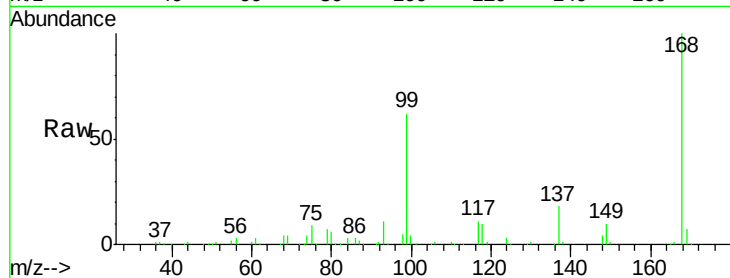
SB-14

Tgt Ion: 168 Resp: 151639

Ion Ratio Lower Upper

168 100

99 61.5 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

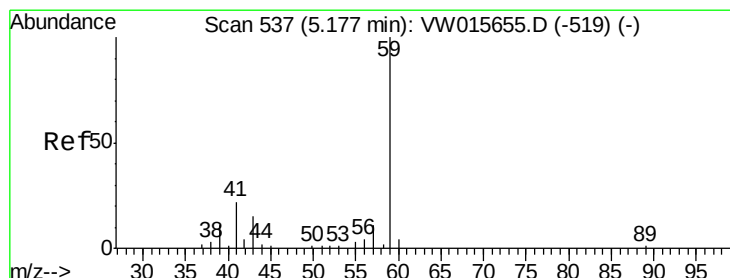
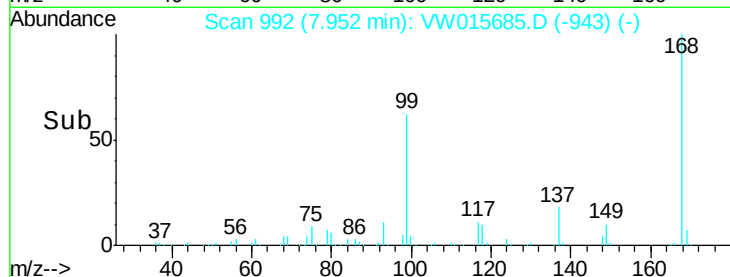
40000

20000

0

Time-->

7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.19 min Scan# 539

Delta R.T. 0.01 min

Lab File: VW015685.D

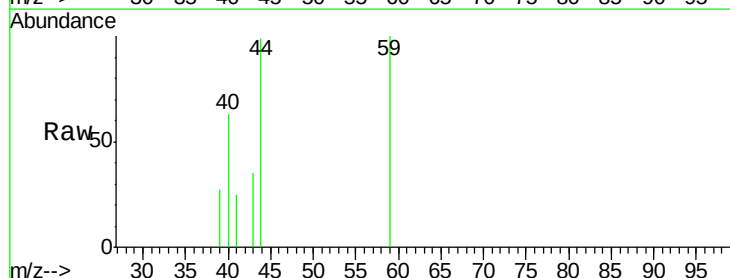
Acq: 24 Jun 2020 16:13

Tgt Ion: 59 Resp: 839

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.19

300

250

200

150

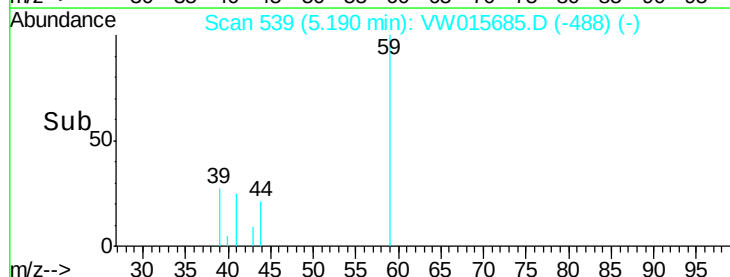
100

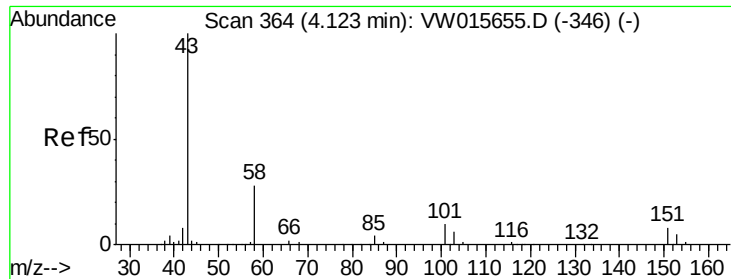
50

0

Time-->

5.10 5.15 5.20 5.25

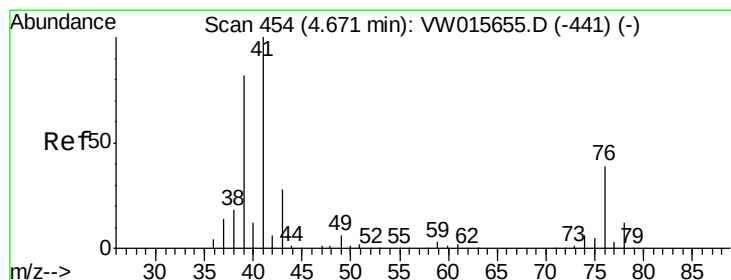
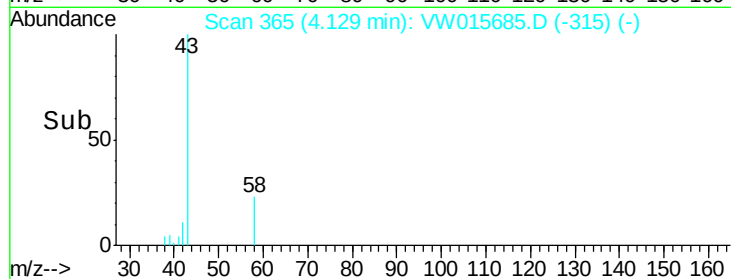
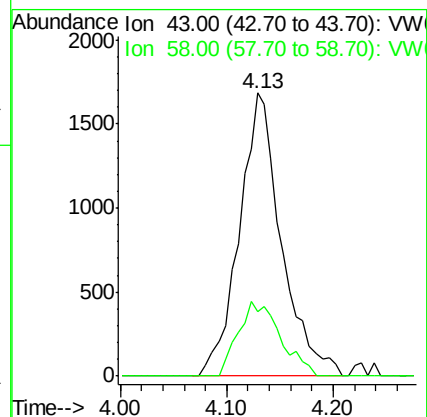
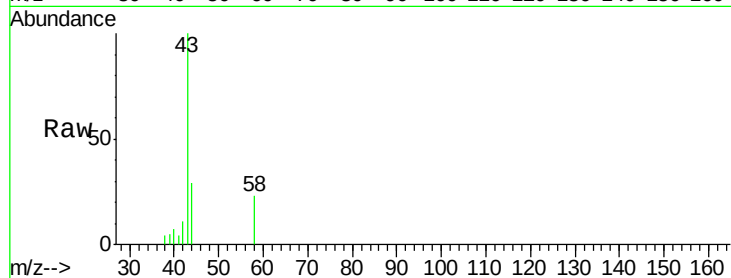




#16
Acetone
Concen: 14.491 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW015685.D
Acq: 24 Jun 2020 16:13

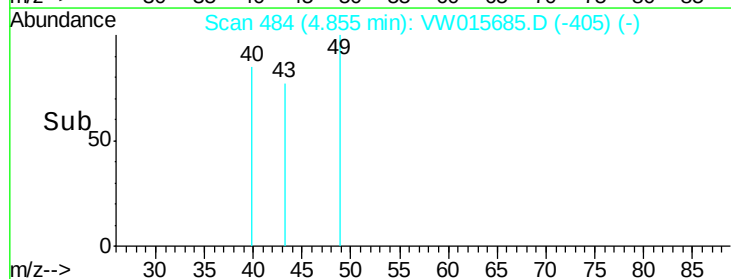
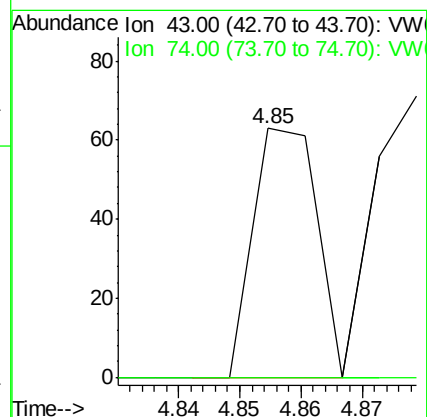
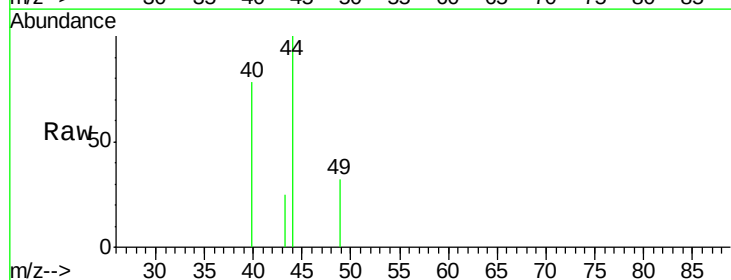
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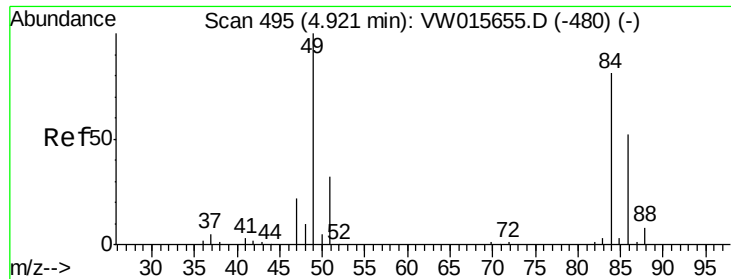
Tgt Ion: 43 Resp: 4648
Ion Ratio Lower Upper
43 100
58 22.9 22.6 33.8



#18
Methyl Acetate
Concen: Below Cal
RT: 4.85 min Scan# 484
Delta R.T. 0.18 min
Lab File: VW015685.D
Acq: 24 Jun 2020 16:13

Tgt Ion: 43 Resp: 45
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.6#

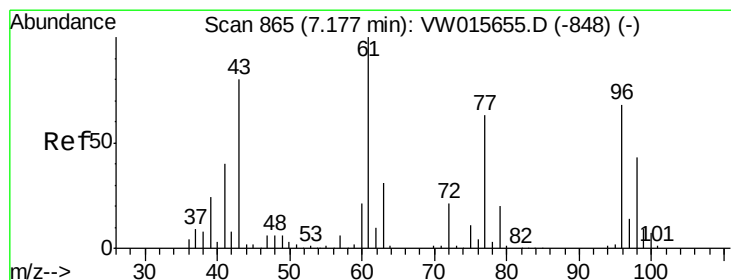
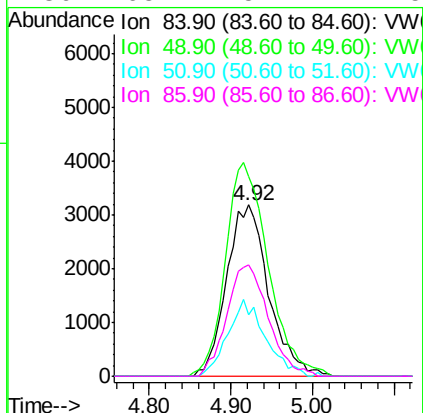
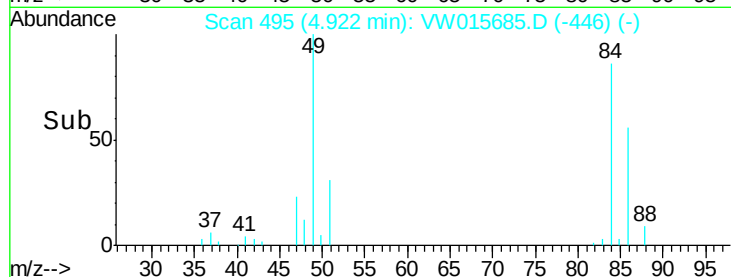
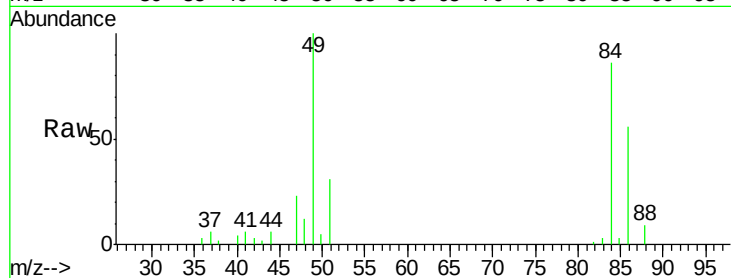




#20
Methylene Chloride
Concen: 2.993 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW015685.D
Acq: 24 Jun 2020 16:13

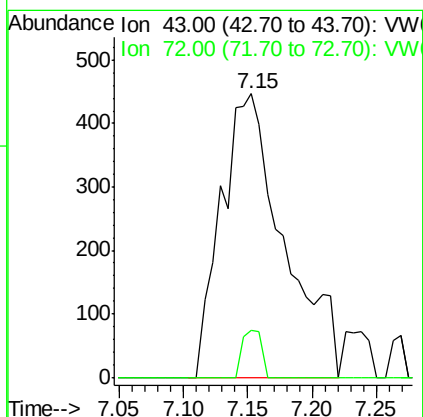
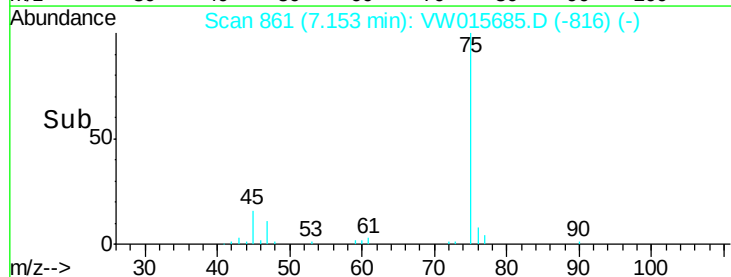
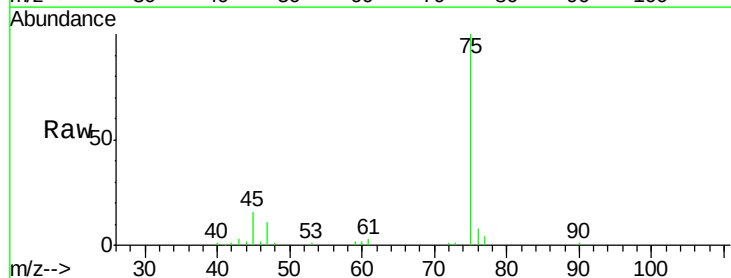
Instrument :
MSVOA_W
ClientSampleId :
SB-14

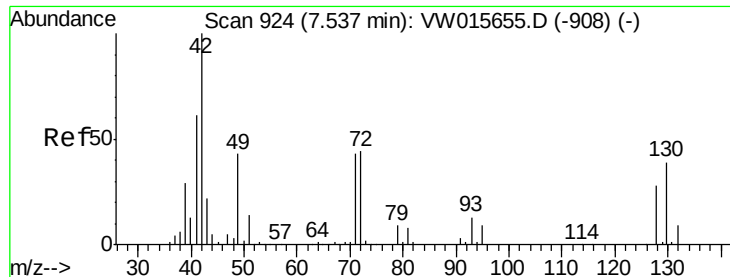
Tgt Ion: 84 Resp: 11370
Ion Ratio Lower Upper
84 100
49 116.5 99.3 148.9
51 35.9 31.8 47.6
86 65.2 51.7 77.5



#25
2-Butanone
Concen: 3.483 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: VW015685.D
Acq: 24 Jun 2020 16:13

Tgt Ion: 43 Resp: 1510
Ion Ratio Lower Upper
43 100
72 16.6 21.1 31.7#

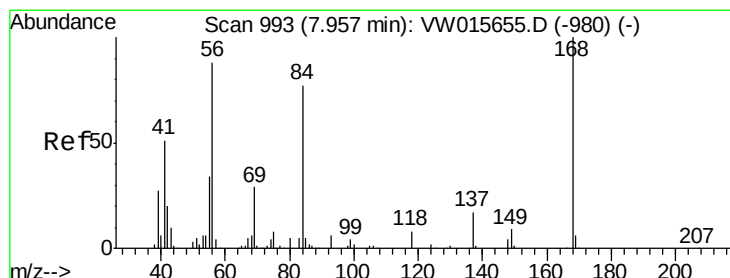
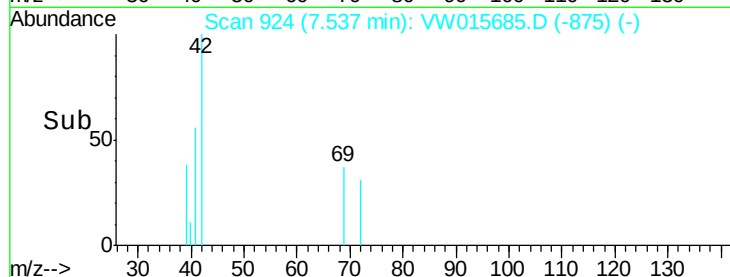
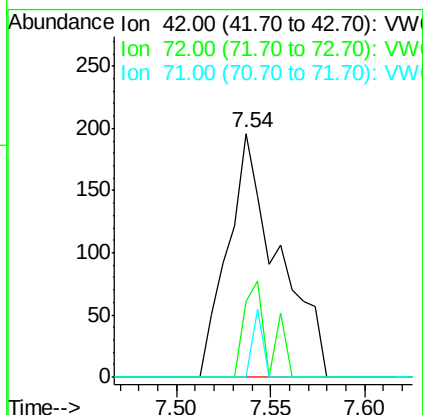
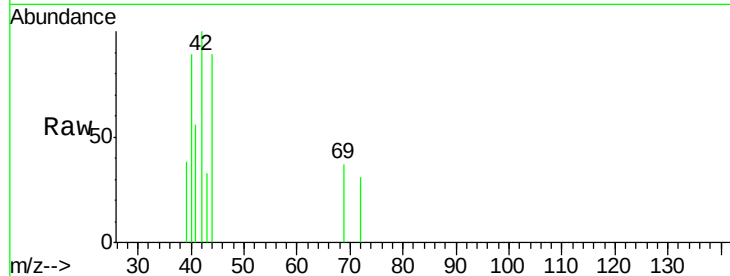




#29
Tetrahydrofuran
Concen: 1.425 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW015685.D
Acq: 24 Jun 2020 16:13

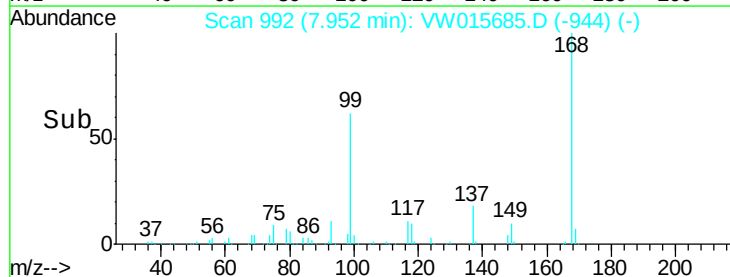
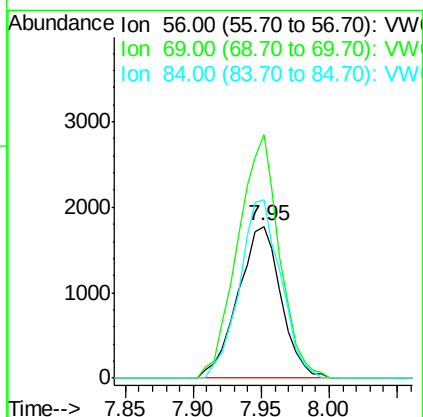
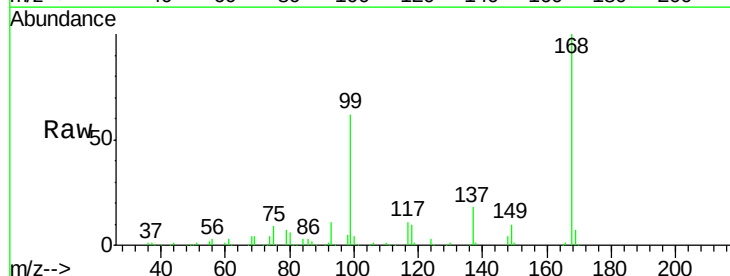
Instrument :
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ClientSampled :
SB-14

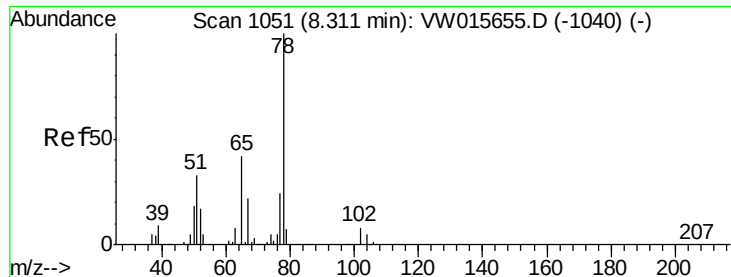
Tgt Ion: 42 Resp: 363
Ion Ratio Lower Upper
42 100
72 19.0 35.0 52.6#
71 5.5 32.6 49.0#



#31
Cyclohexane
Concen: 1.352 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW015685.D
Acq: 24 Jun 2020 16:13

Tgt Ion: 56 Resp: 3928
Ion Ratio Lower Upper
56 100
69 160.5 26.2 39.4#
84 117.7 70.4 105.6#

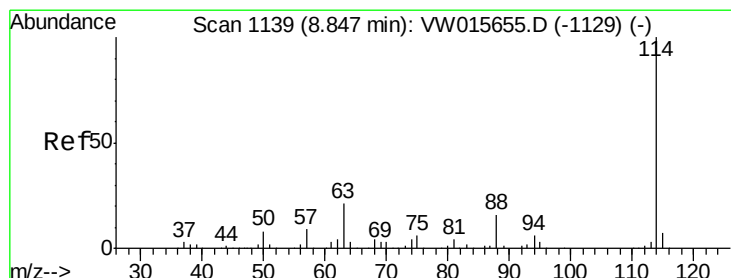
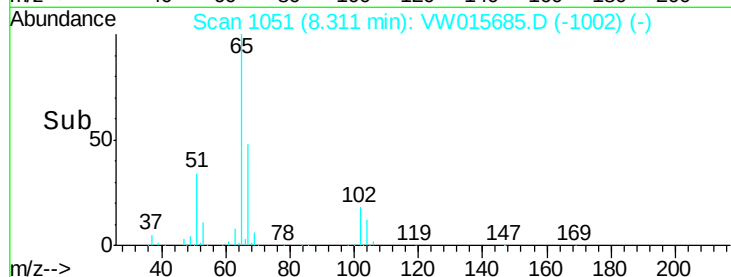
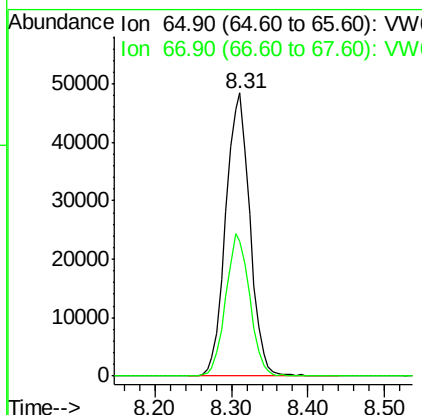
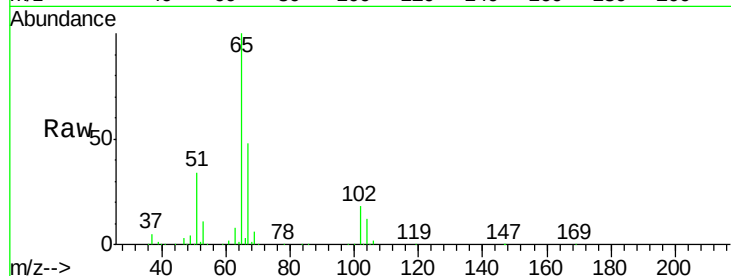




#33
 1,2-Dichloroethane-d4
 Concen: 62.542 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW015685.D
 Acq: 24 Jun 2020 16:13

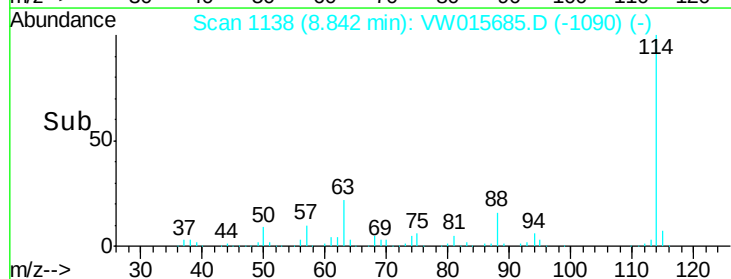
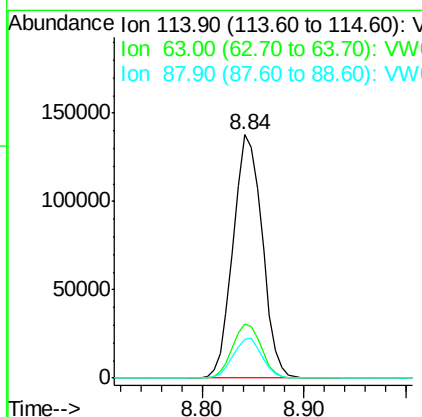
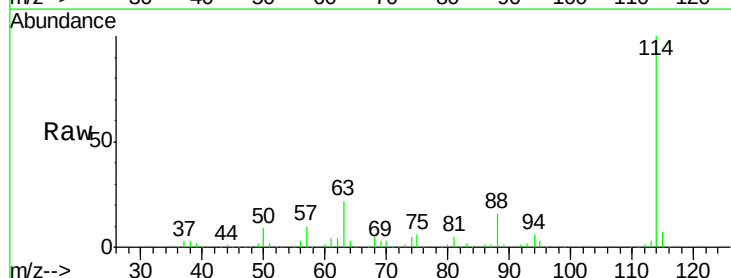
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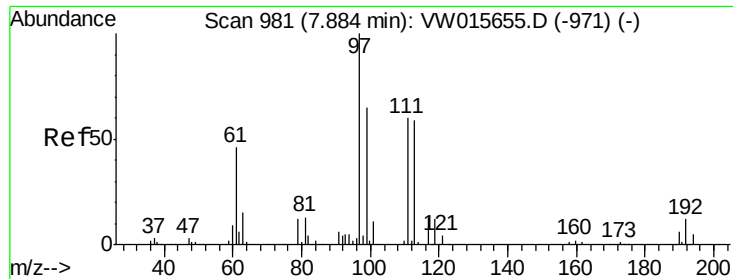
Tgt Ion: 65 Resp: 105521
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW015685.D
 Acq: 24 Jun 2020 16:13

Tgt Ion: 114 Resp: 272416
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 42.4
 88 15.9 0.0 32.6

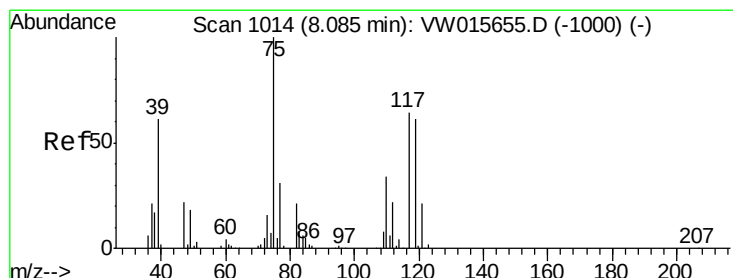
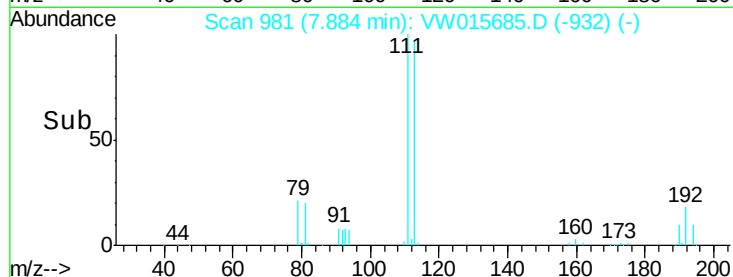
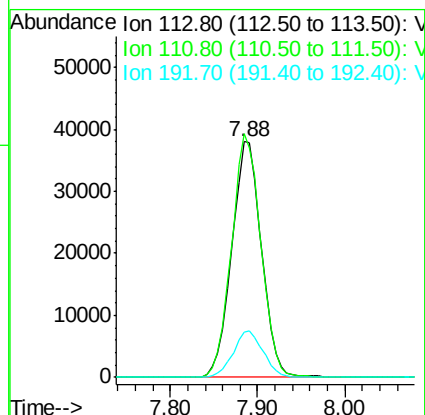
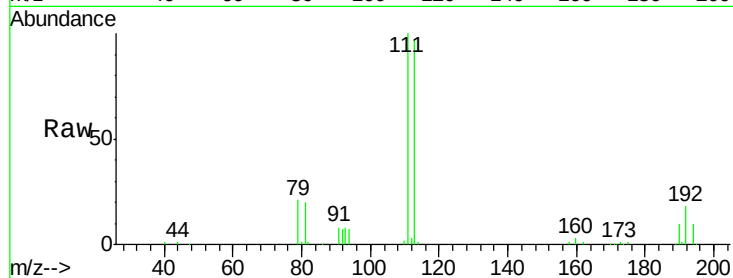




#35
 Dibromofluoromethane
 Concen: 52.411 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW015685.D
 Acq: 24 Jun 2020 16:13

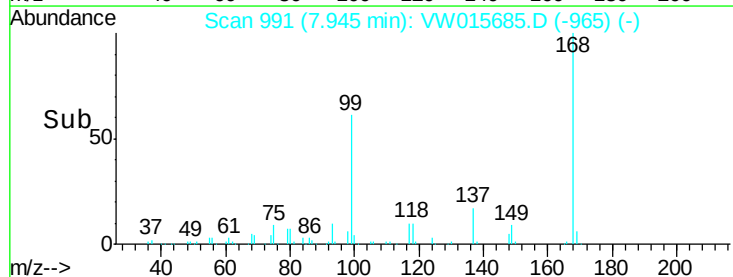
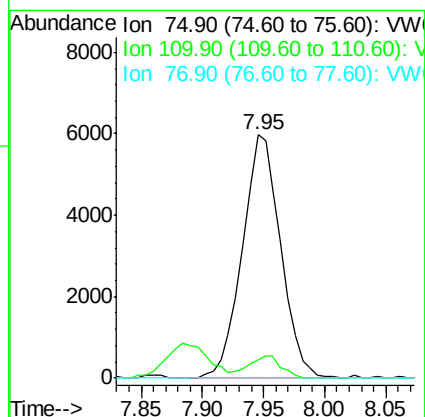
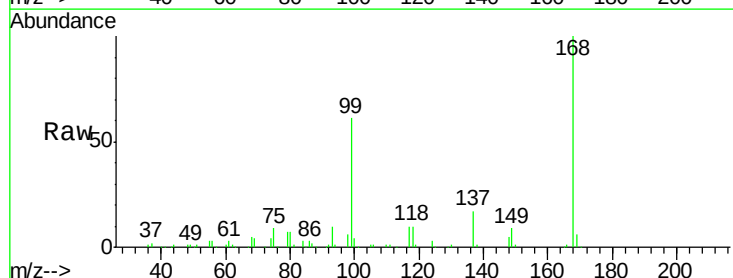
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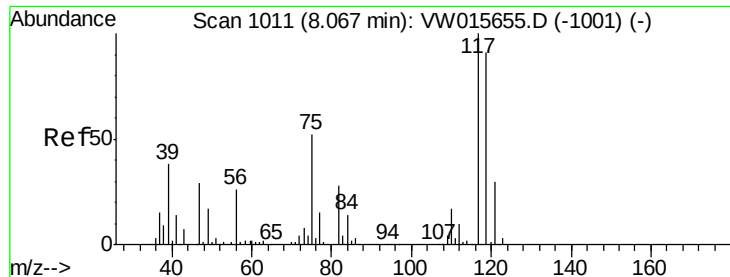
Tgt Ion:113 Resp: 89810
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.3 123.5
 192 19.7 16.4 24.6



#36
 1,1-Dichloropropene
 Concen: 4.593 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW015685.D
 Acq: 24 Jun 2020 16:13

Tgt Ion: 75 Resp: 13014
 Ion Ratio Lower Upper
 75 100
 110 8.1 17.0 51.0#
 77 0.0 24.6 36.8#

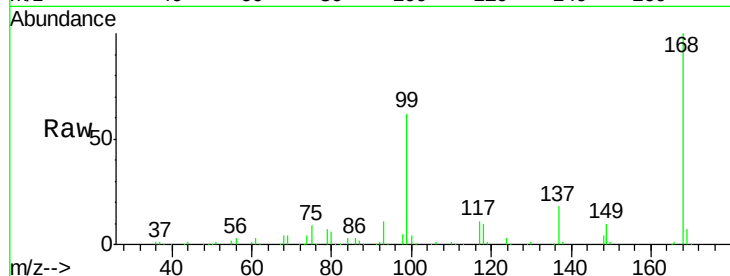




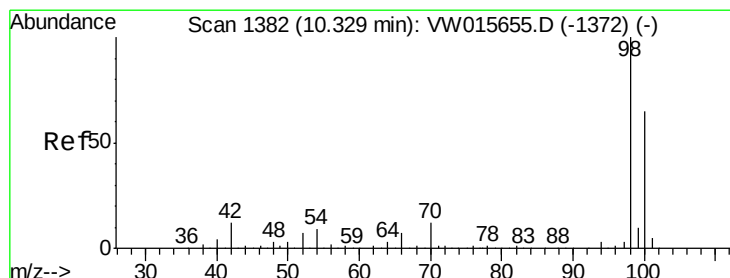
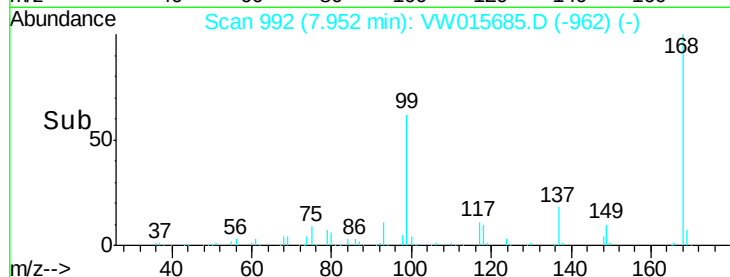
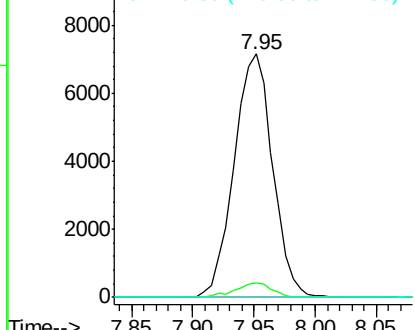
#38
Carbon Tetrachloride
Concen: 5.676 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW015685.D
Acq: 24 Jun 2020 16:13

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ClientSampleId :
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Tgt Ion: 117 Resp: 15589
Ion Ratio Lower Upper
117 100
119 5.9 73.2 109.8#
121 0.0 23.9 35.9#

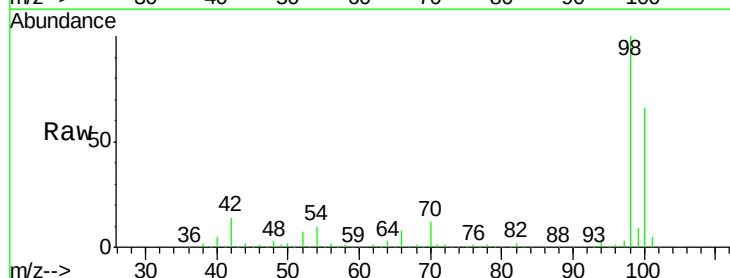


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

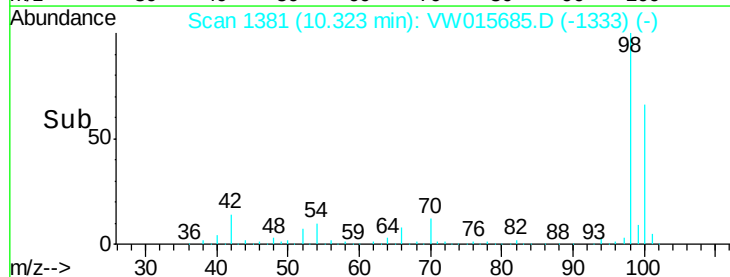
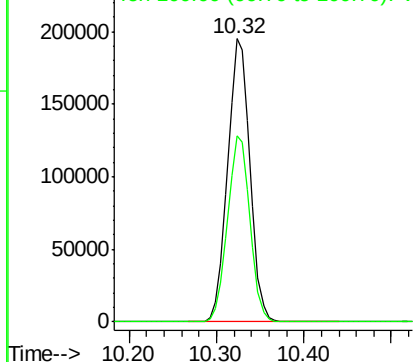


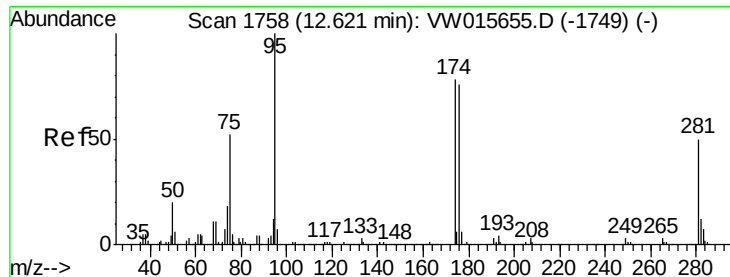
#50
Toluene-d8
Concen: 51.313 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW015685.D
Acq: 24 Jun 2020 16:13

Tgt Ion: 98 Resp: 346036
Ion Ratio Lower Upper
98 100
100 65.8 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

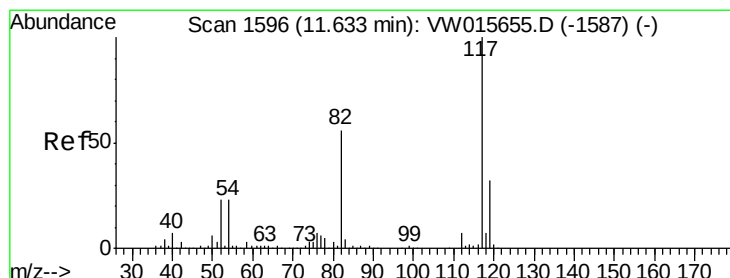
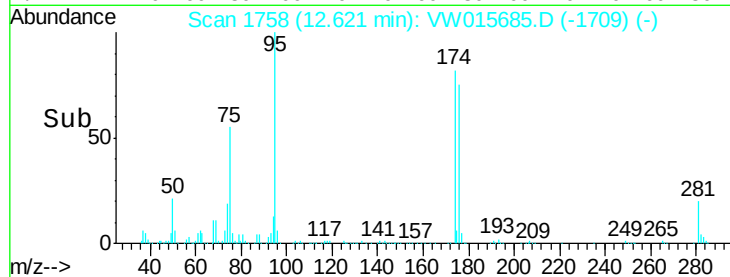
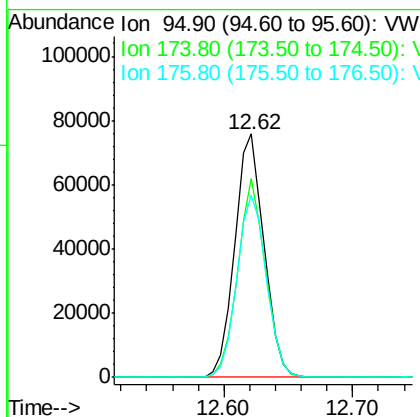
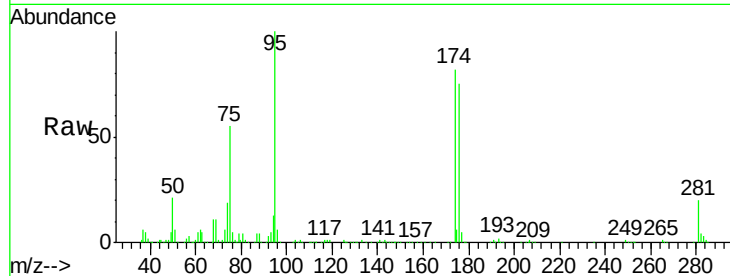




#62
4-Bromofluorobenzene
Concen: 48.147 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW015685.D
Acq: 24 Jun 2020 16:13

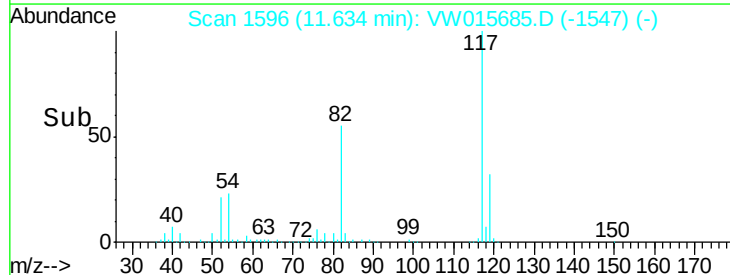
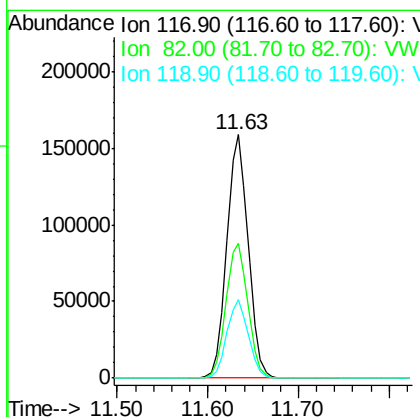
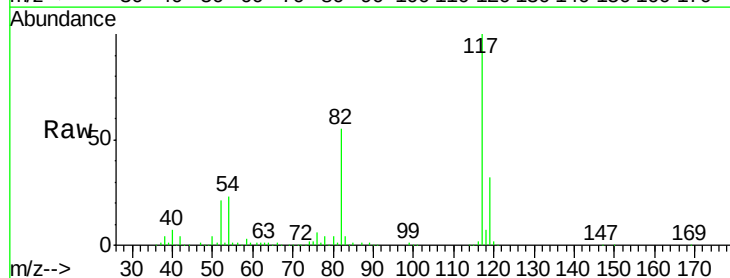
Instrument :
MSVOA_W
ClientSampled :
SB-14

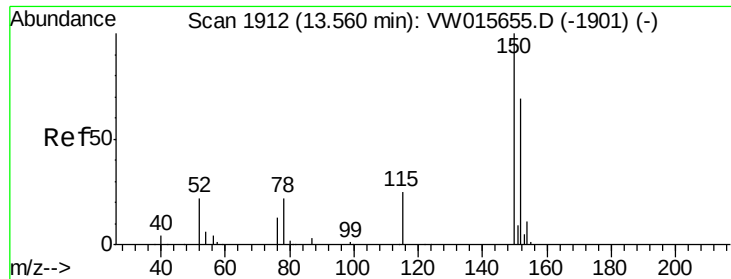
Tgt Ion: 95 Resp: 119573
Ion Ratio Lower Upper
95 100
174 77.7 0.0 157.0
176 75.0 0.0 151.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015685.D
Acq: 24 Jun 2020 16:13

Tgt Ion: 117 Resp: 259256
Ion Ratio Lower Upper
117 100
82 55.3 45.1 67.7
119 32.4 25.8 38.8



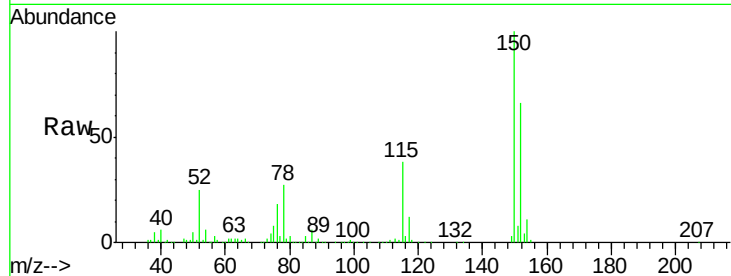


#72

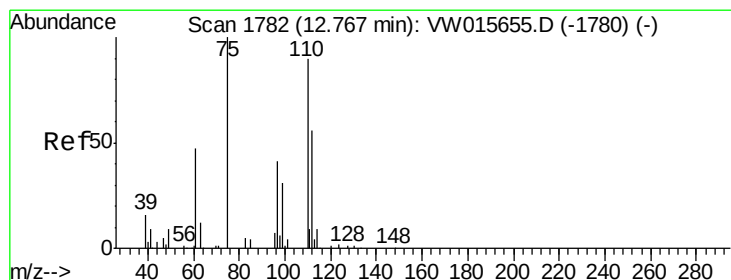
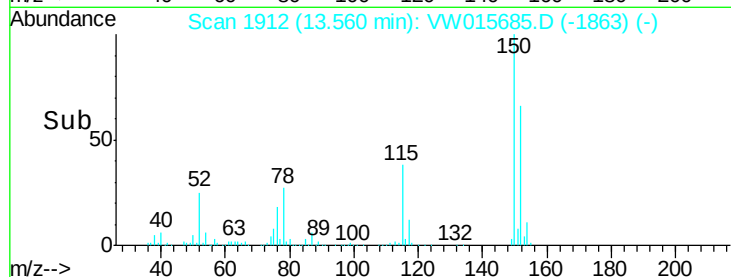
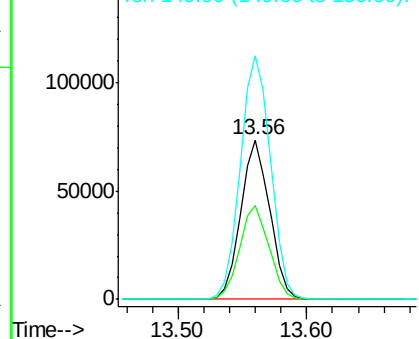
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW015685.D
Acq: 24 Jun 2020 16:13

Instrument :
MSVOA_W
ClientSampled :
SB-14

Tgt Ion:152 Resp: 114481
Ion Ratio Lower Upper
152 100
115 59.8 30.1 90.5
150 159.2 0.0 345.6



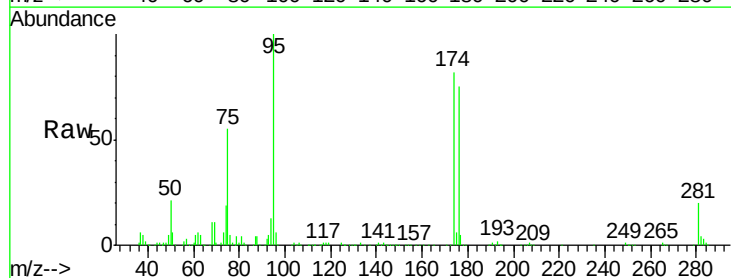
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



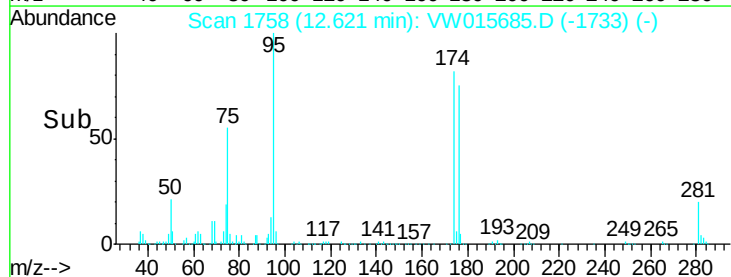
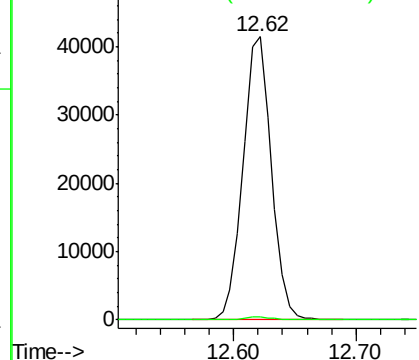
#76

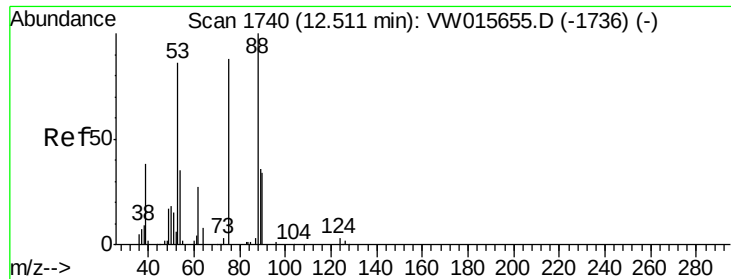
1,2,3-Trichloropropane
Concen: 63.660 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW015685.D
Acq: 24 Jun 2020 16:13

Tgt Ion: 75 Resp: 66476
Ion Ratio Lower Upper
75 100
77 1.1 179.1 537.1#



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: 160.424 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW015685.D

Acq: 24 Jun 2020 16:13

Instrument :

MSVOA_W

ClientSampleId :

SB-14

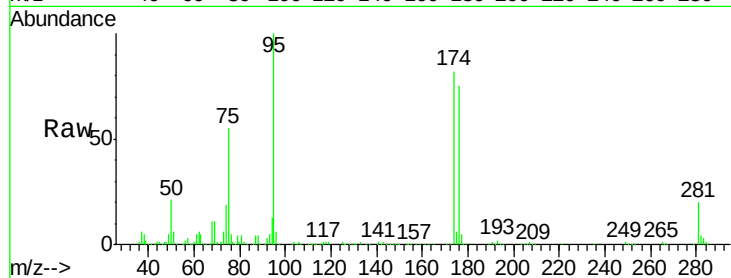
Tgt Ion: 75 Resp: 66476

Ion Ratio Lower Upper

75 100

53 0.0 83.8 125.8#

89 0.3 36.6 55.0#



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

