

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051520\
 Data File : VW015444.D
 Acq On : 15 May 2020 19:46
 Operator : SY/VA
 Sample : L2679-11
 Misc : 6.49G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 16 02:57:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050620S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 18:41:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	225967	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	388269	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	347506	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	157004	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	130798	52.66	ug/l	0.00
Spiked Amount			Recovery	=	105.32%	
35) Dibromofluoromethane	7.88	113	116321	52.20	ug/l	0.00
Spiked Amount			Recovery	=	104.40%	
50) Toluene-d8	10.32	98	476842	51.70	ug/l	0.00
Spiked Amount			Recovery	=	103.40%	
62) 4-Bromofluorobenzene	12.62	95	166608	48.92	ug/l	0.00
Spiked Amount			Recovery	=	97.84%	

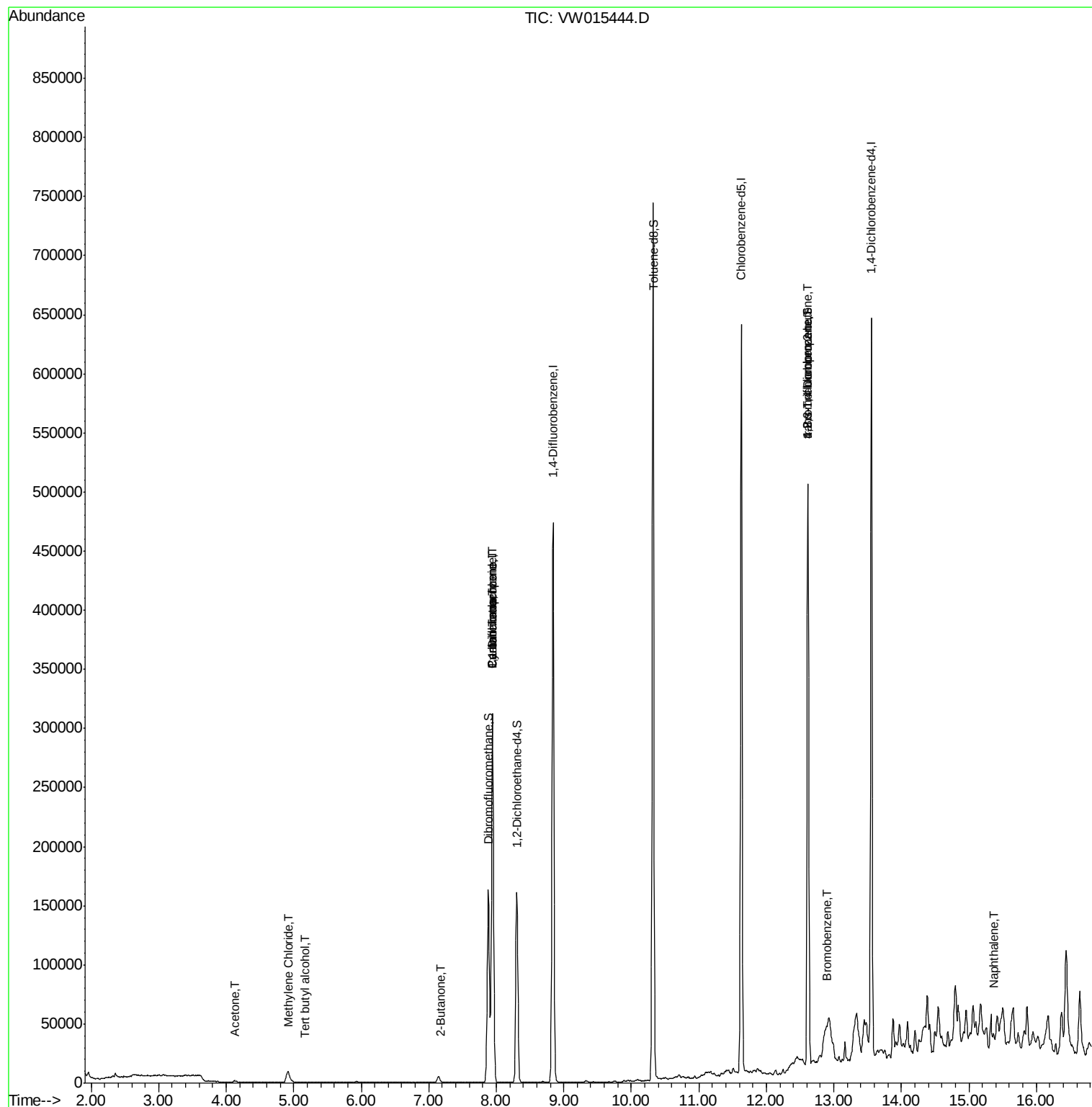
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	363	2.534	ug/l #	71
16) Acetone	4.12	43	2716	7.038	ug/l	95
20) Methylene Chloride	4.92	84	7952	3.158	ug/l	94
25) 2-Butanone	7.18	43	783	1.302	ug/l #	48
31) Cyclohexane	7.95	56	5536	1.216	ug/l #	5
36) 1,1-Dichloropropene	7.95	75	19031	4.989	ug/l #	51
38) Carbon Tetrachloride	7.95	117	23382	6.556	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	89489	69.286	ug/l #	100
77) Bromobenzene	12.89	156	23536	9.475	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	89489	137.049	ug/l #	9
95) Naphthalene	15.36	128	11834	2.294	ug/l	96

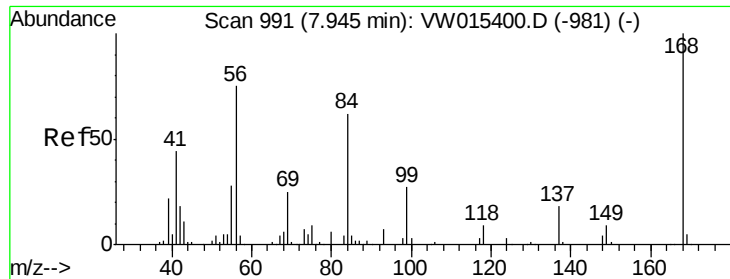
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW051520\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W050620S.M
Quant Title : SW846 8260
QLast Update : Tue May 05 18:41:17 2020
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: VW015444.D

Acq: 15 May 2020 19:46

Instrument :

MSVOA_W

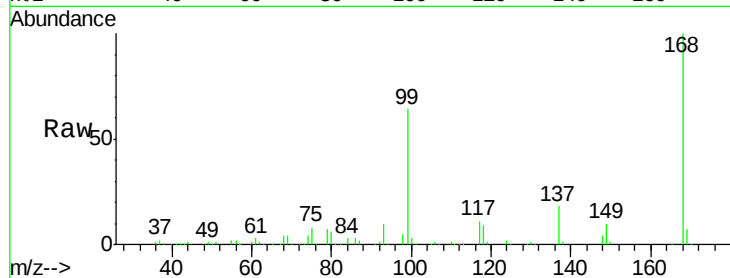
ClientSampleId :

Tot Ion:168 Resp: 225967

Ion Ratio Lower Upper

168 100

99 63.6 50.3 75.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

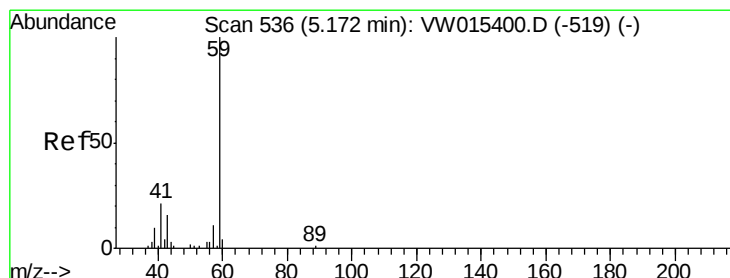
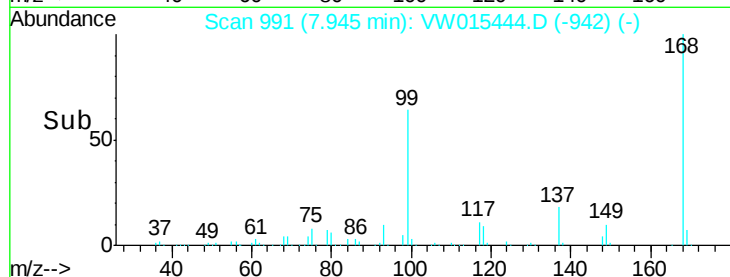
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 2.534 ug/l

RT: 5.17 min Scan# 535

Delta R.T. -0.01 min

Lab File: VW015444.D

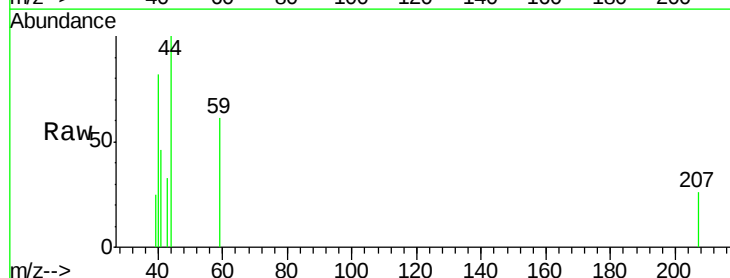
Acq: 15 May 2020 19:46

Tgt Ion: 59 Resp: 363

Ion Ratio Lower Upper

59 100

57 0.0 8.6 13.0#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

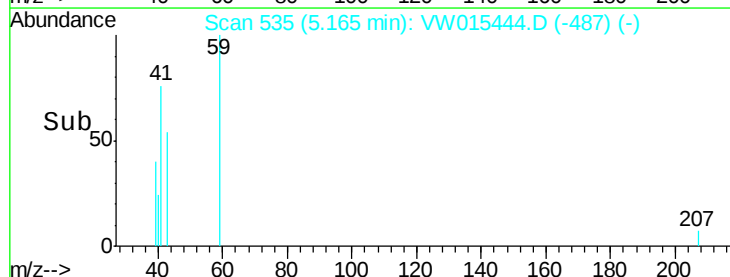
150

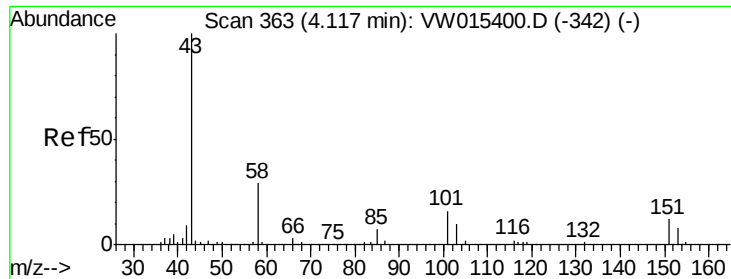
100

50

0

Time-->





#16

Acetone

Concen: 7.038 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW015444.D

Acq: 15 May 2020 19:46

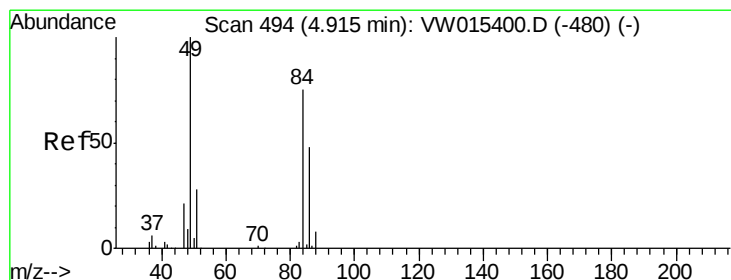
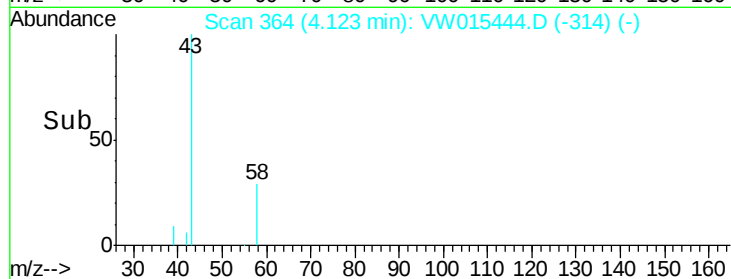
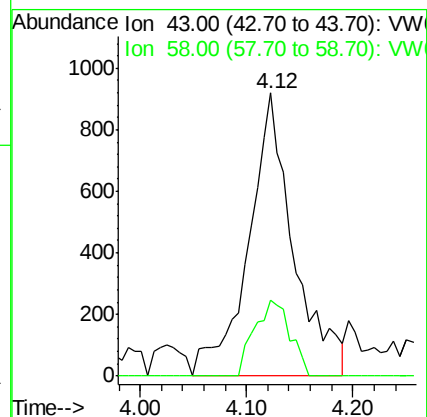
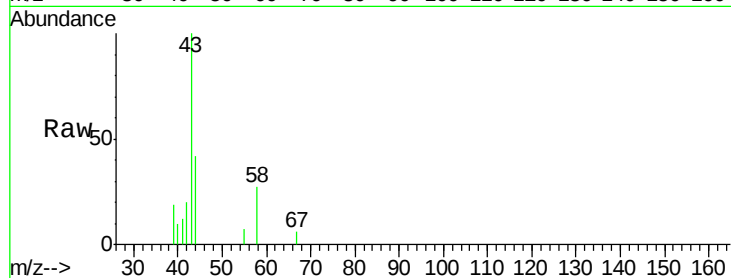
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 2716

Ion Ratio Lower Upper

43 100

58 26.8 23.4 35.0



#20

Methylene Chloride

Concen: 3.158 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW015444.D

Acq: 15 May 2020 19:46

Tgt Ion: 84 Resp: 7952

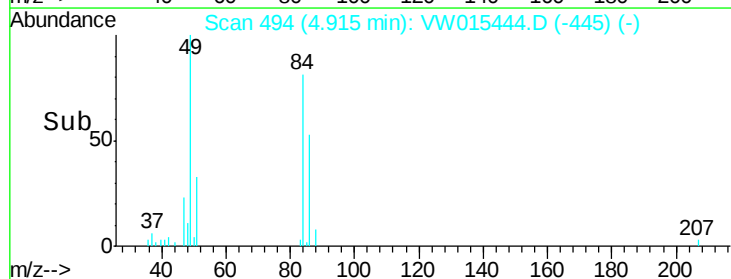
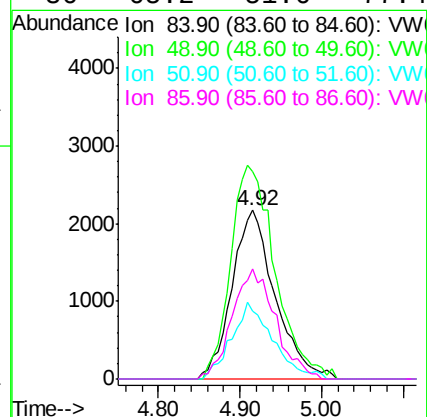
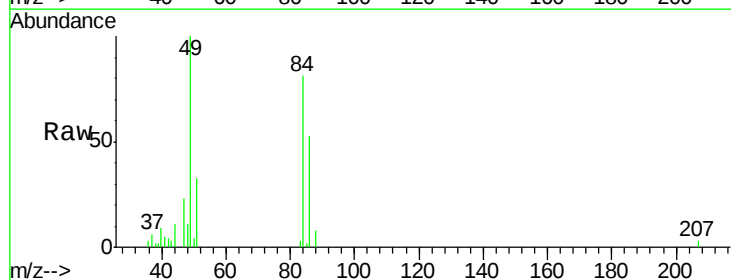
Ion Ratio Lower Upper

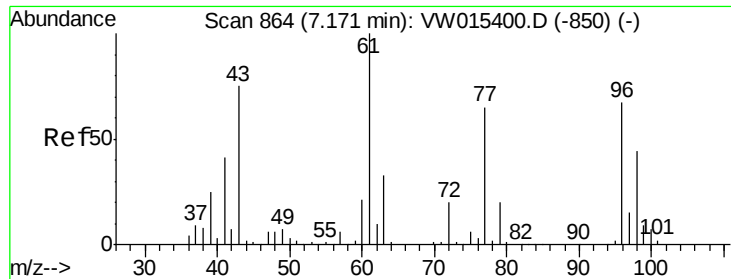
84 100

49 123.3 106.4 159.6

51 40.5 30.2 45.2

86 65.2 51.6 77.4

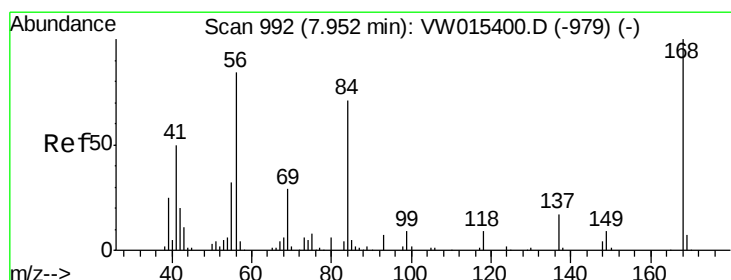
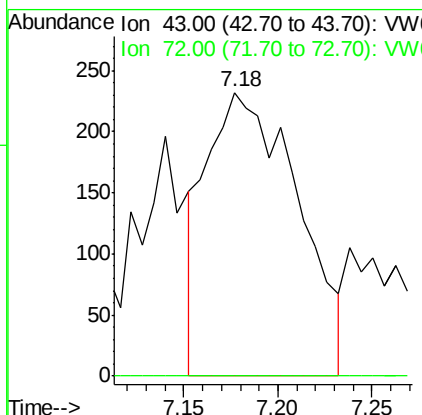
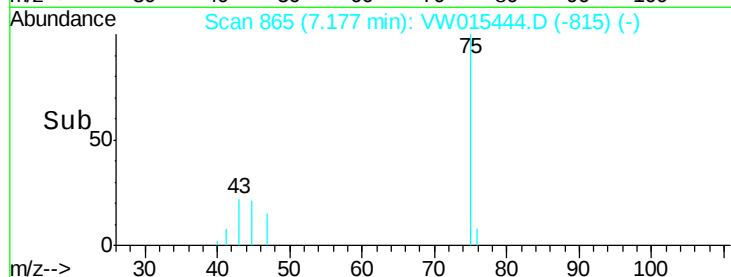
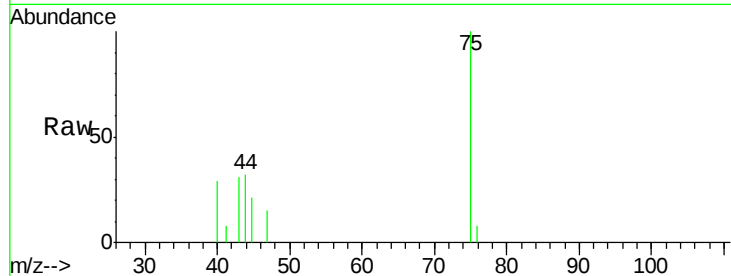




#25
2-Butanone
Concen: 1.302 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW015444.D
Acq: 15 May 2020 19:46

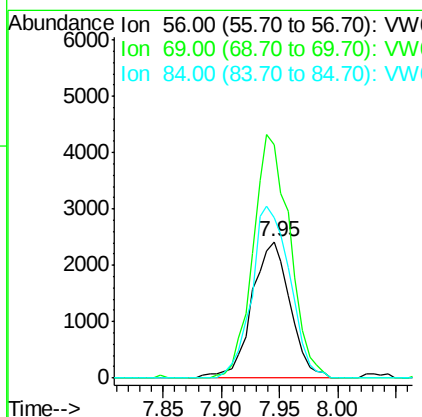
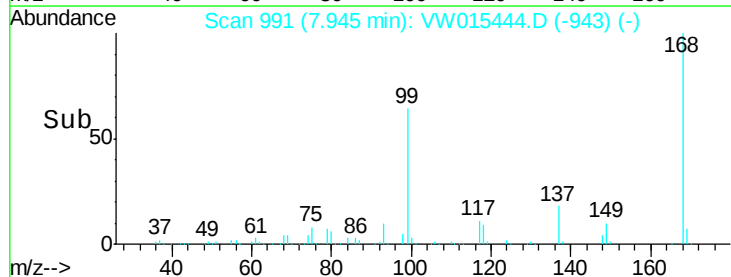
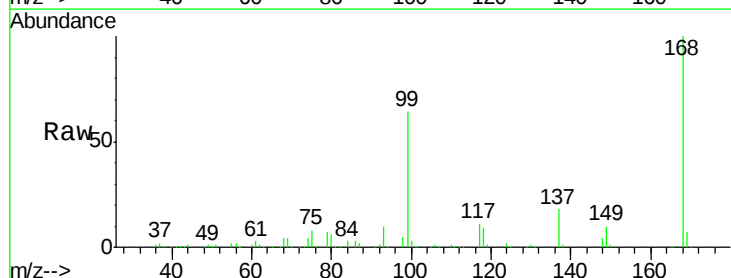
Instrument :
MSVOA_W
ClientSampled :

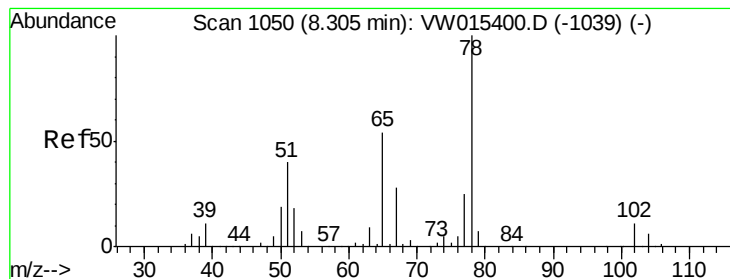
Tot Ion: 43 Resp: 783
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.0#



#31
Cyclohexane
Concen: 1.216 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW015444.D
Acq: 15 May 2020 19:46

Tgt Ion: 56 Resp: 5536
Ion Ratio Lower Upper
56 100
69 171.0 27.2 40.8#
84 117.8 67.7 101.5#





#33

1,2-Dichloroethane-d4

Concen: 52.657 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW015444.D

Acq: 15 May 2020 19:46

Instrument :

MSVOA_W

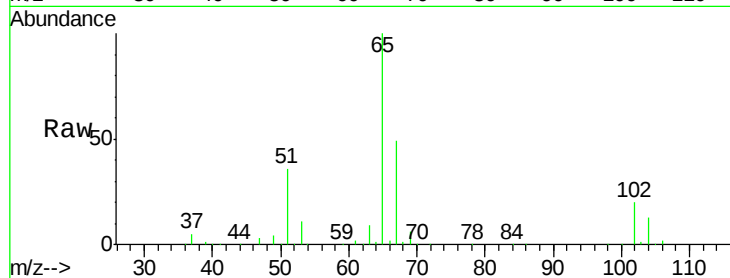
ClientSampleId :

Tot Ion: 65 Resp: 130798

Ion Ratio Lower Upper

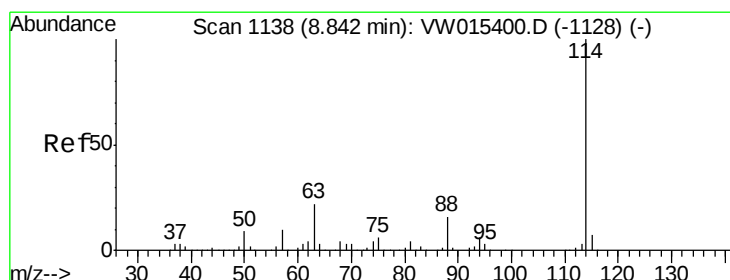
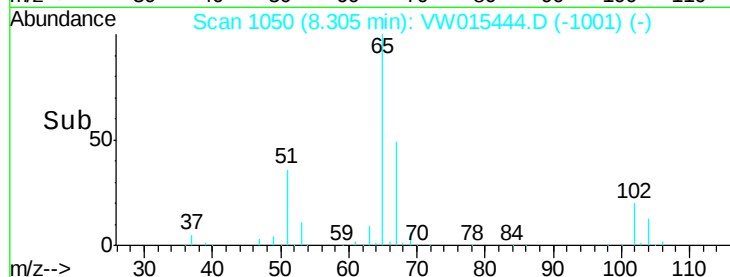
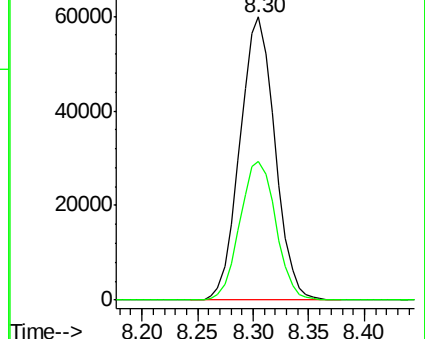
65 100

67 50.5 0.0 102.8



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: VW015444.D

Acq: 15 May 2020 19:46

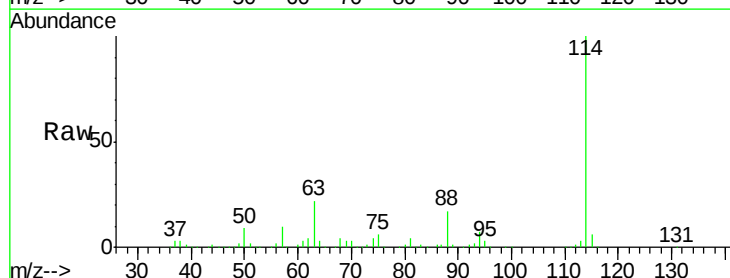
Tgt Ion: 114 Resp: 388269

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.4

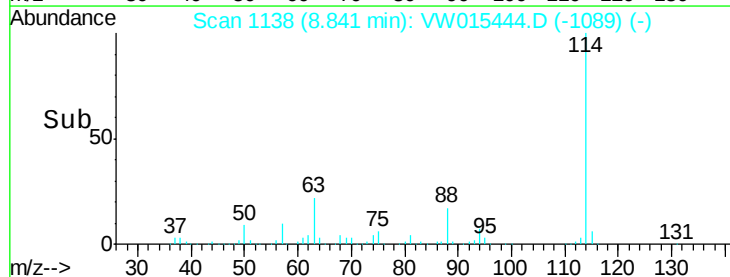
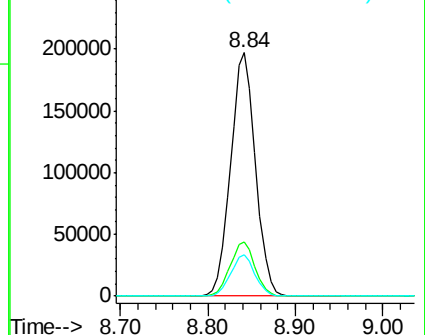
88 16.8 0.0 31.8

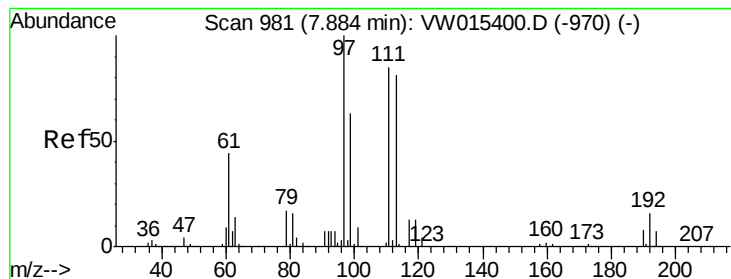


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 52.197 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW015444.D

Acq: 15 May 2020 19:46

Instrument :

MSVOA_W

ClientSampleId :

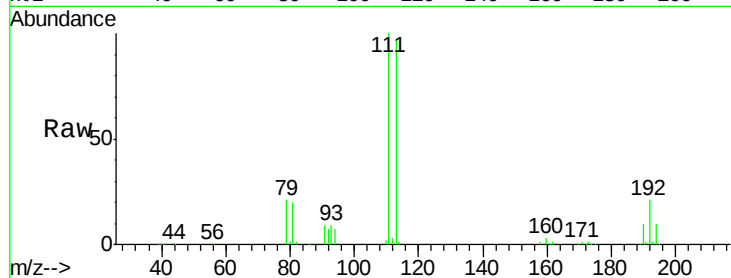
Tot Ion:113 Resp: 116321

Ion Ratio Lower Upper

113 100

111 103.5 82.9 124.3

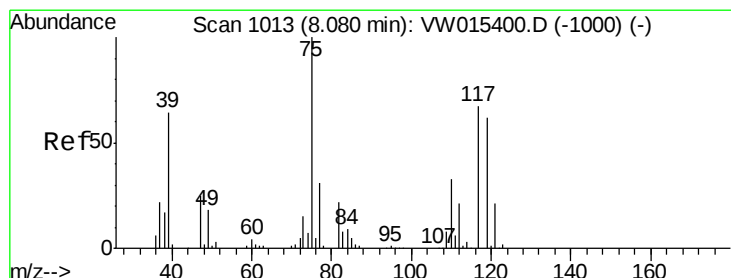
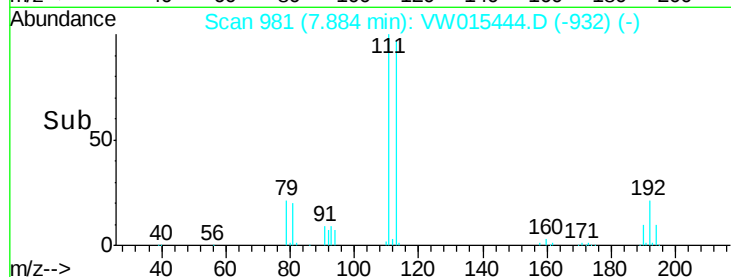
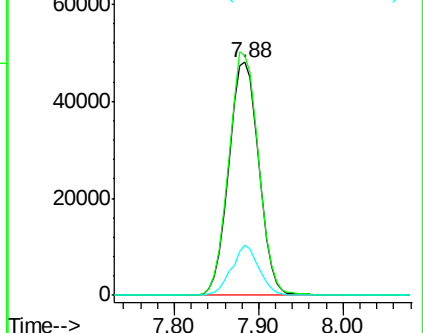
192 19.6 15.4 23.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.989 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW015444.D

Acq: 15 May 2020 19:46

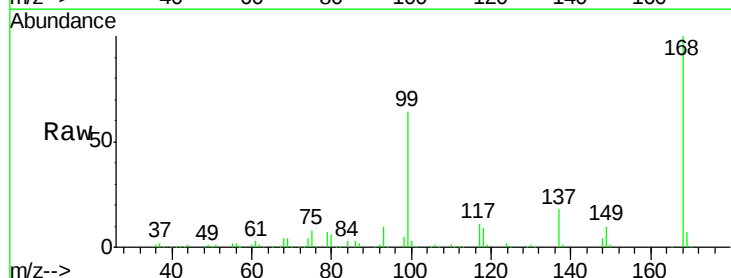
Tgt Ion: 75 Resp: 19031

Ion Ratio Lower Upper

75 100

110 8.6 16.6 49.8#

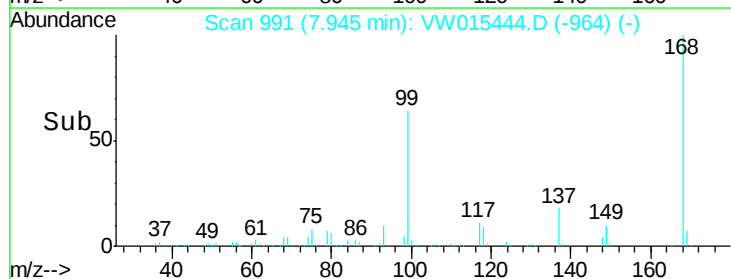
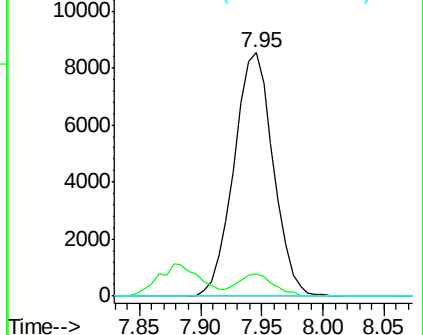
77 0.0 24.5 36.7#

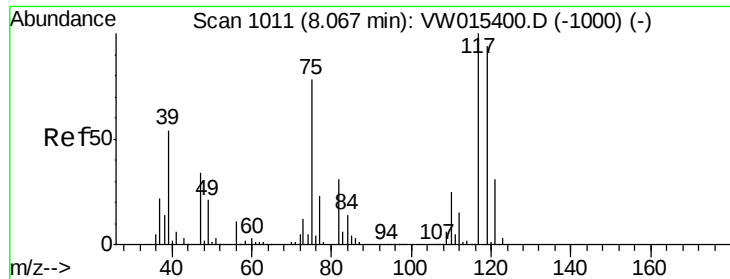


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

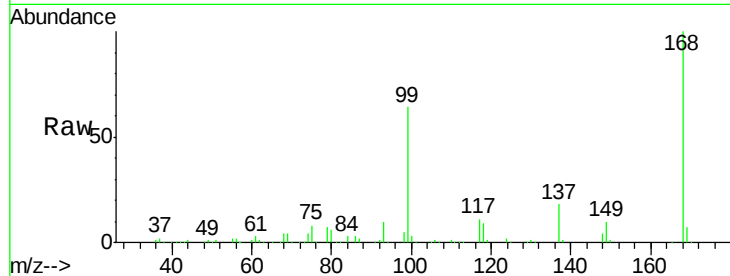




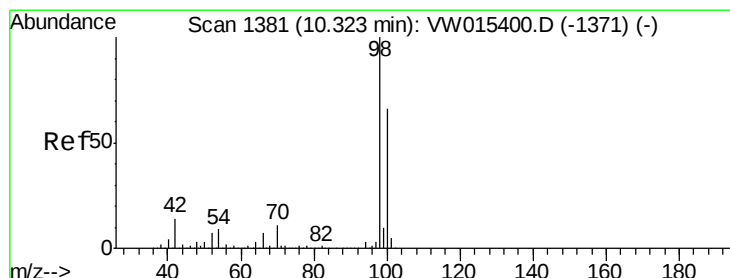
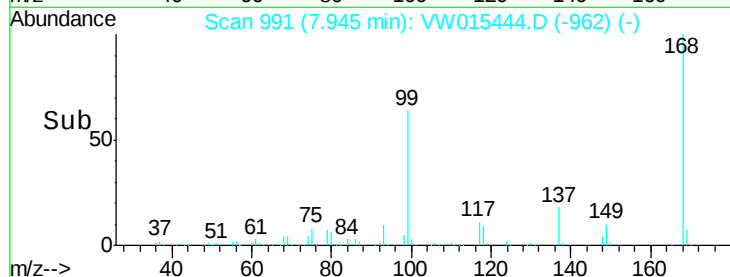
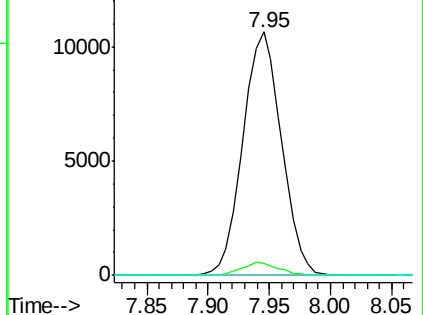
#38
Carbon Tetrachloride
Concen: 6.556 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW015444.D
Acq: 15 May 2020 19:46

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 23382
Ion Ratio Lower Upper
117 100
119 5.0 75.4 113.0#
121 0.0 24.8 37.2#

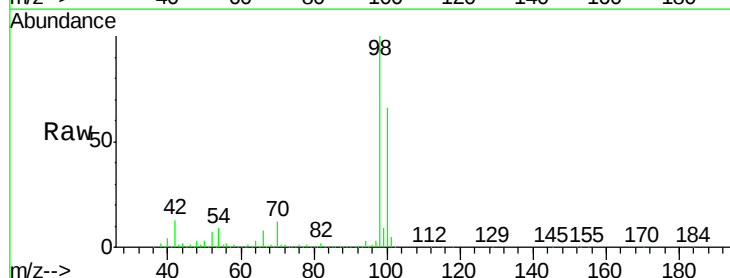


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

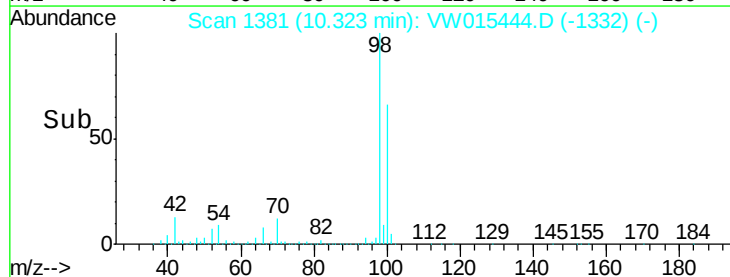
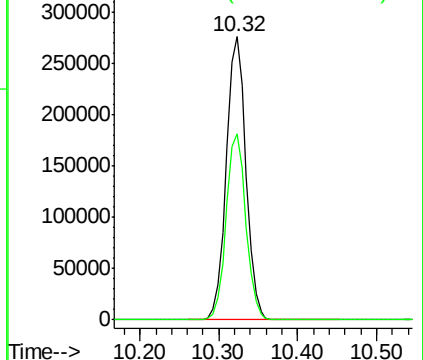


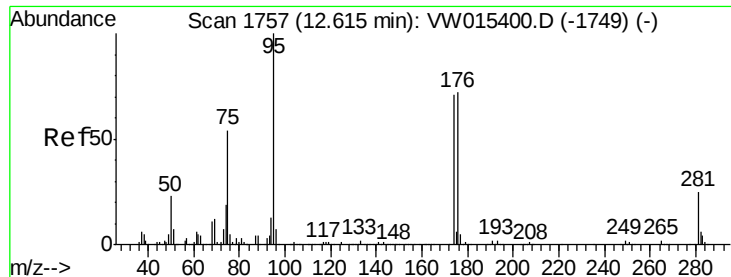
#50
Toluene-d8
Concen: 51.705 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW015444.D
Acq: 15 May 2020 19:46

Tgt Ion: 98 Resp: 476842
Ion Ratio Lower Upper
98 100
100 65.9 52.7 79.1



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

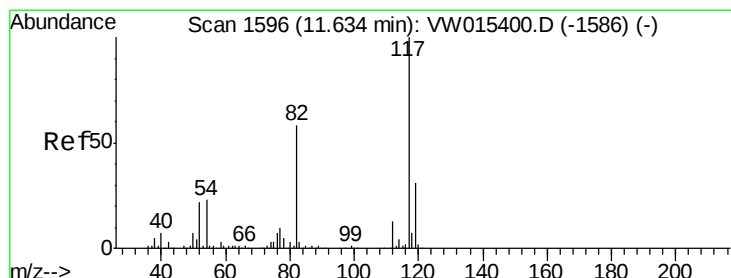
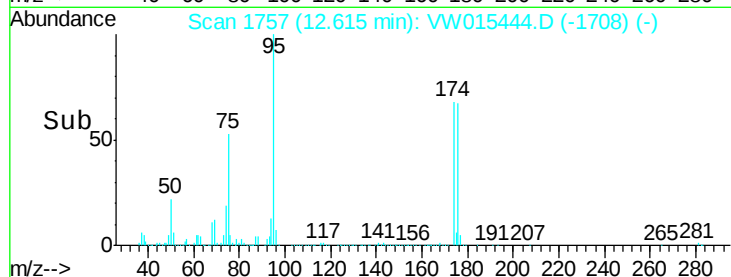
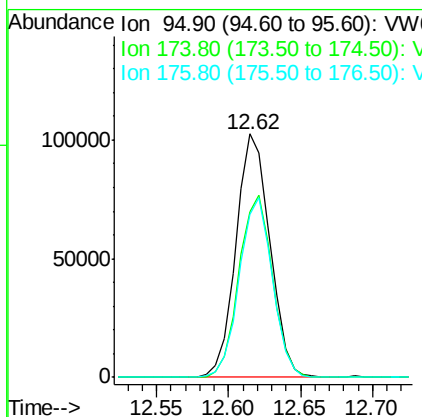
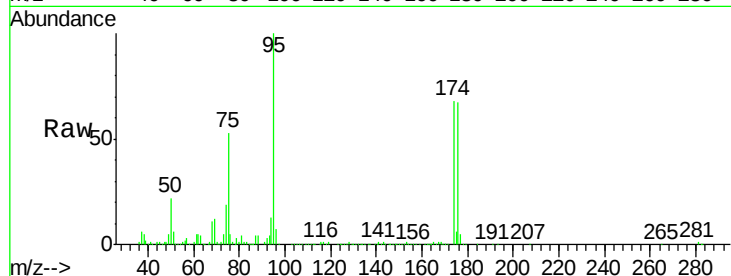




#62
4-Bromofluorobenzene
Concen: 48.924 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW015444.D
Acq: 15 May 2020 19:46

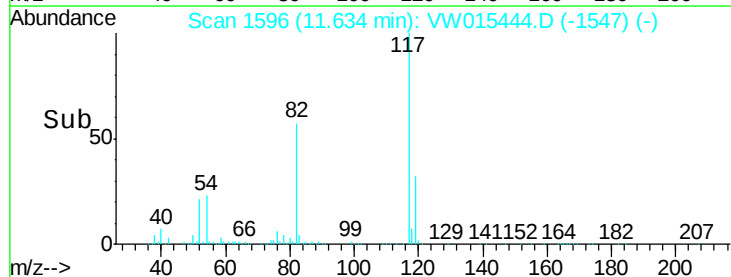
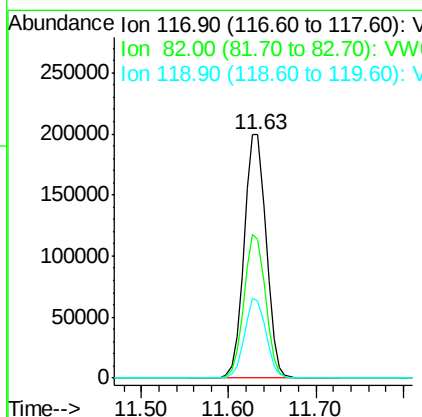
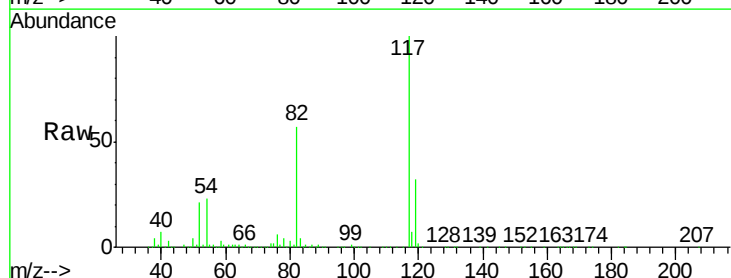
Instrument :
MSVOA_W
ClientSampled :

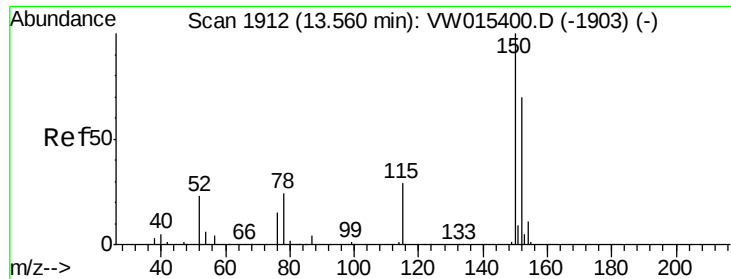
Tot Ion: 95 Resp: 166608
Ion Ratio Lower Upper
95 100
174 74.7 0.0 147.6
176 72.0 0.0 144.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW015444.D
Acq: 15 May 2020 19:46

Tgt Ion: 117 Resp: 347506
Ion Ratio Lower Upper
117 100
82 56.8 46.4 69.6
119 31.7 24.6 37.0



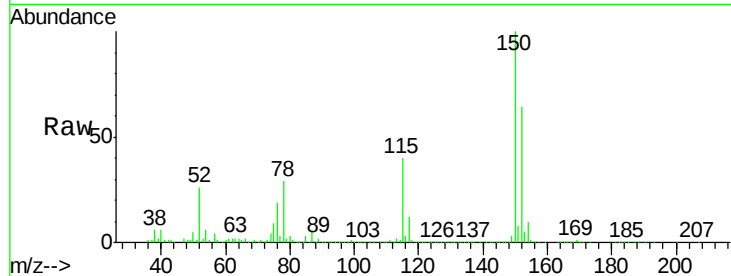


#72

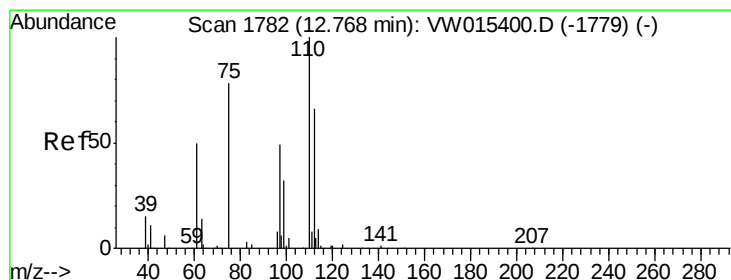
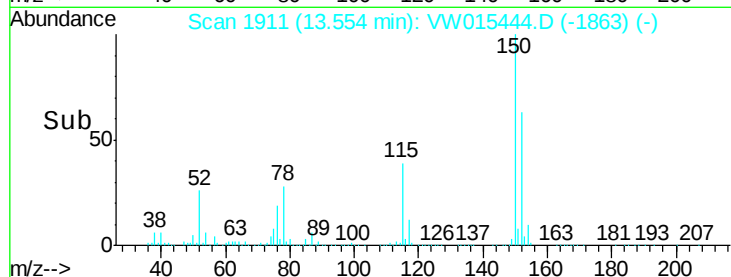
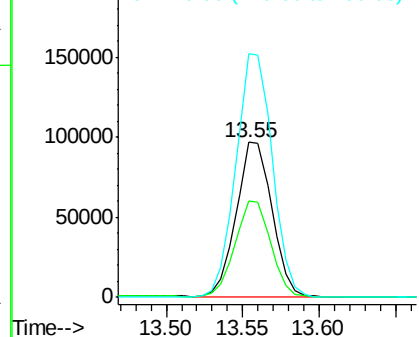
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW015444.D
Acq: 15 May 2020 19:46

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:152 Resp: 157004
Ion Ratio Lower Upper
152 100
115 61.6 30.3 90.8
150 160.1 0.0 344.4



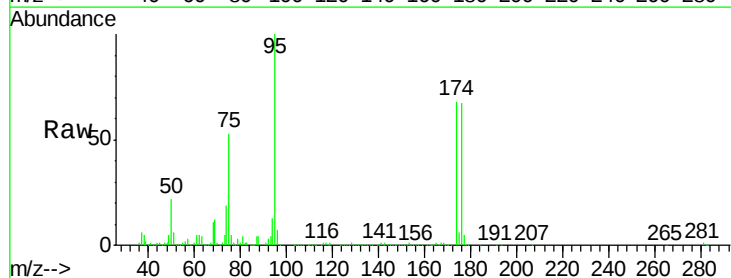
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



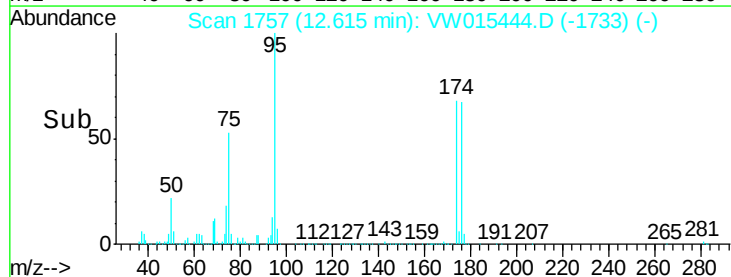
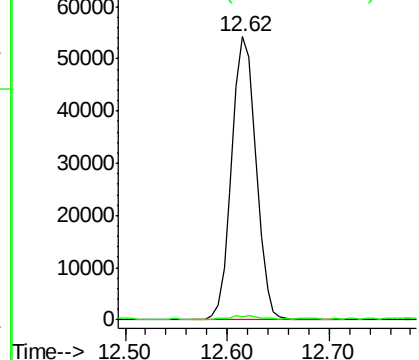
#76

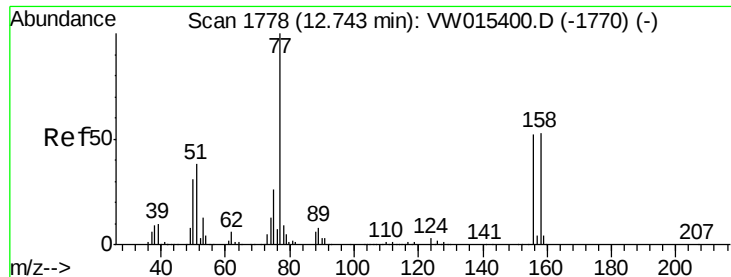
1,2,3-Trichloropropane
Concen: 69.286 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW015444.D
Acq: 15 May 2020 19:46

Tgt Ion: 75 Resp: 89489
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





#77

Bromobenzene

Concen: 9.475 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.15 min

Lab File: VW015444.D

Acq: 15 May 2020 19:46

Instrument :

MSVOA_W

ClientSampleId :

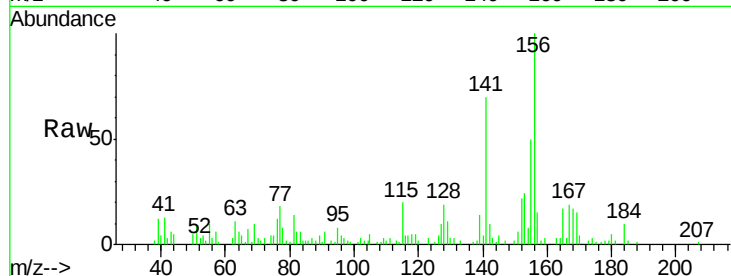
Tot Ion:156 Resp: 23536

Ion Ratio Lower Upper

156 100

77 0.0 101.8 305.6#

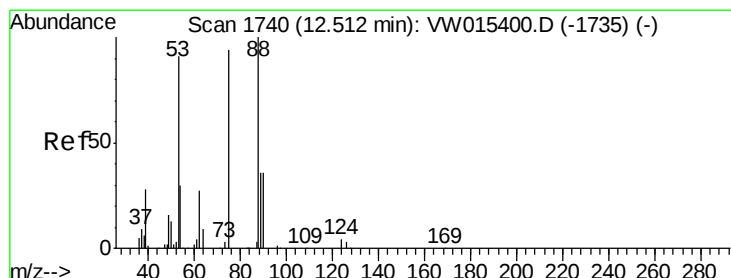
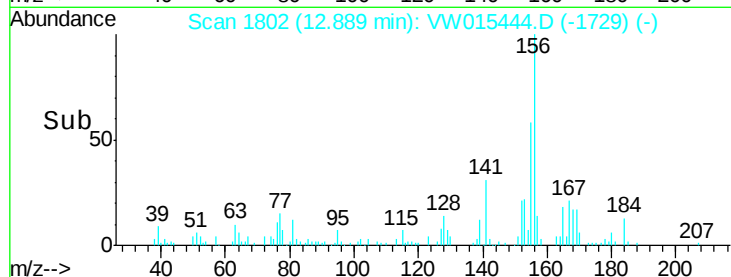
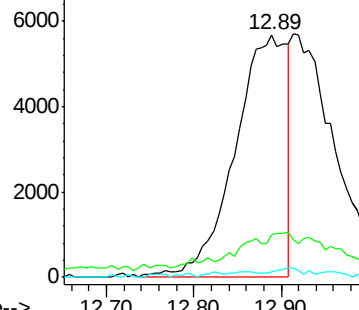
158 0.0 48.3 144.8#



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: 137.049 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW015444.D

Acq: 15 May 2020 19:46

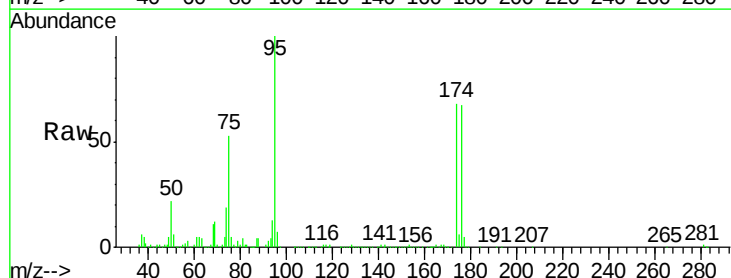
Tgt Ion: 75 Resp: 89489

Ion Ratio Lower Upper

75 100

53 0.1 82.5 123.7#

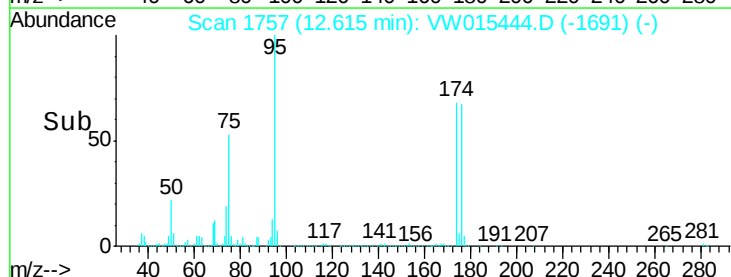
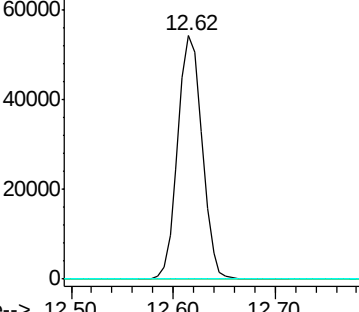
89 0.1 35.8 53.8#

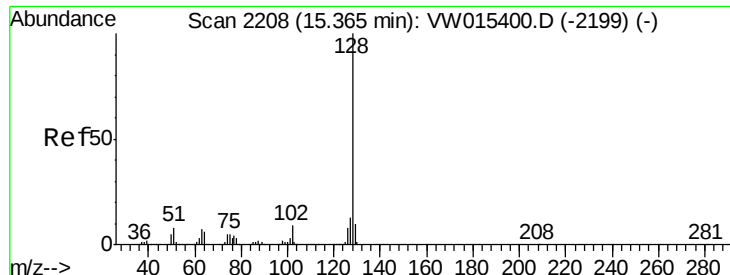


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

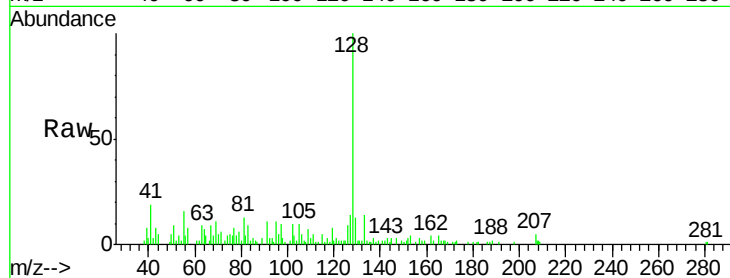




#95
Naphthalene
Concen: 2.294 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW015444.D
Acq: 15 May 2020 19:46

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
128	100			
127	14.8	10.5	15.7	
129	9.3	8.6	12.8	



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

