

Data File : VW010585.D
Acq On : 29 May 2019 12:34
Operator : SY/VA
Sample : K3074-08RE
Misc : 4.45G/5ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-3B-D2RE

Quant Time: May 30 07:11:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	81528	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	145168	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	131952	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	59781	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	51700	61.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.88%	
35) Dibromofluoromethane	7.88	113	46450	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	
50) Toluene-d8	10.32	98	177136	52.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.28%	
62) 4-Bromofluorobenzene	12.62	95	68499	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	5.13	59	290	3.831	ug/l #	71
16) Acetone	4.13	43	13990	81.446	ug/l	98
20) Methylene Chloride	4.91	84	2106	Below Cal	#	80
36) 1,1-Dichloropropene	7.95	75	6029	4.458	ug/l #	48
38) Carbon Tetrachloride	7.95	117	8549	5.860	ug/l #	16
51) 4-Methyl-2-Pentanone	10.32	43	741	1.273	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	31589	52.057	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	31589	108.644	ug/l #	14

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

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ALS Vial      : 6      Sample Multiplier: 1
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Instrument :
MSVOA_W
ClientSampleId :
TP-3B-D2RE

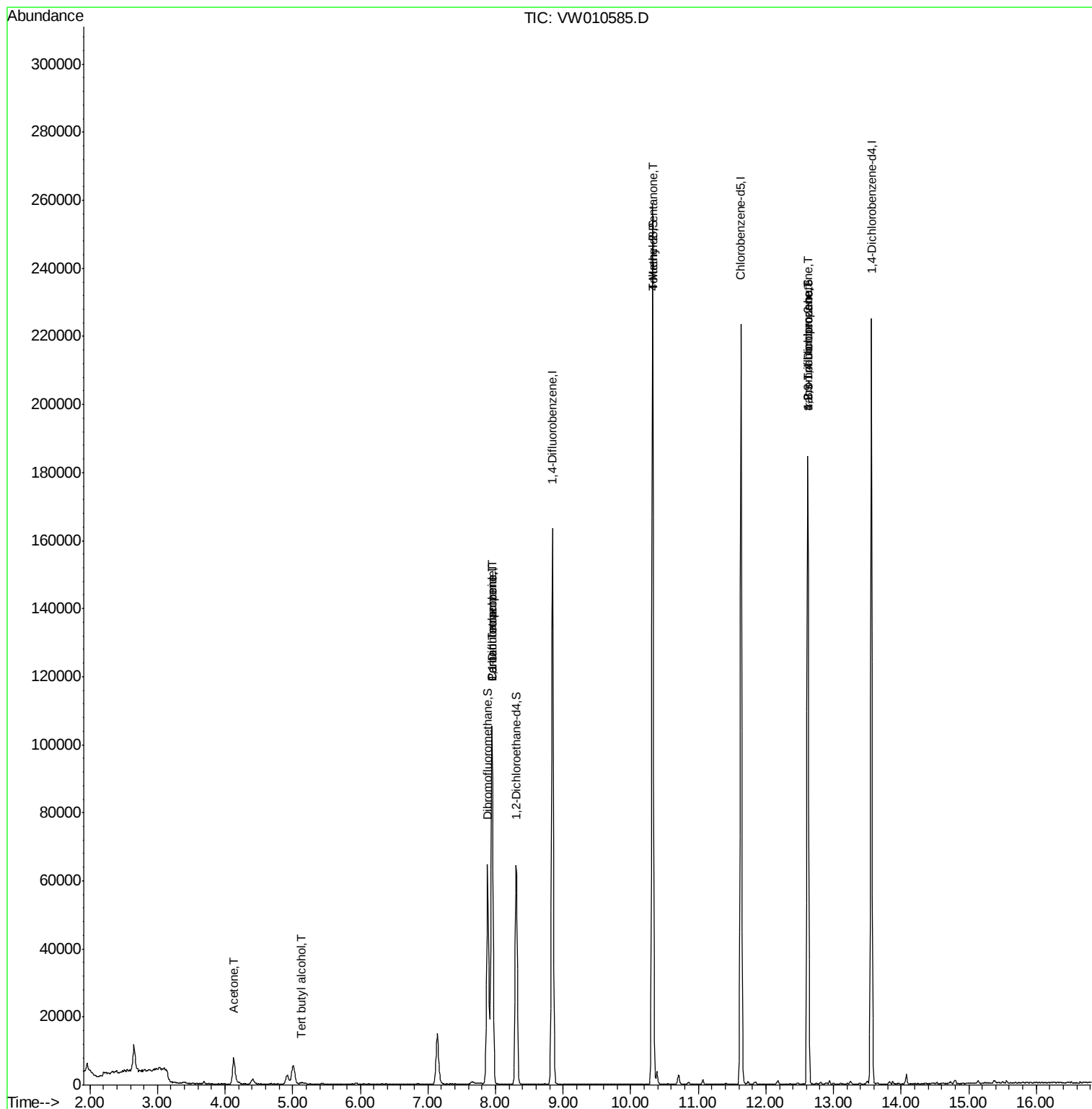
Quant Time: May 30 07:11:59 2019

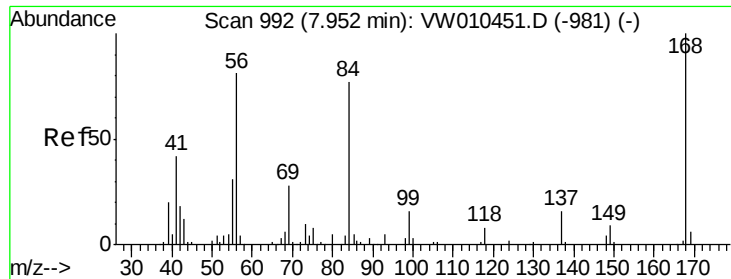
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_W\METHOD\82W052019S.M

Quant Title : SW846 8260

QLast Update : Tue May 21 06:38:43 2019

Response via : Initial Calibration

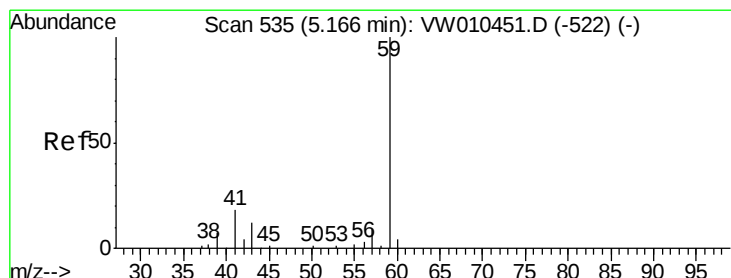
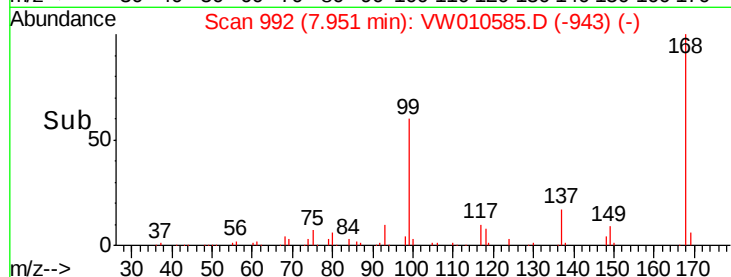
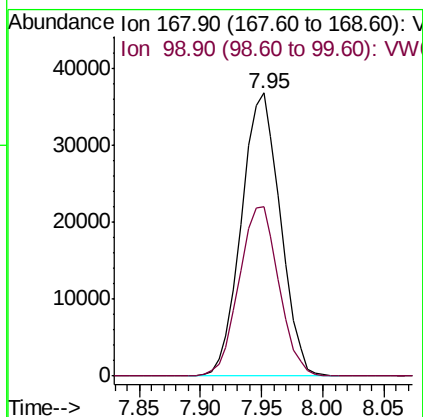
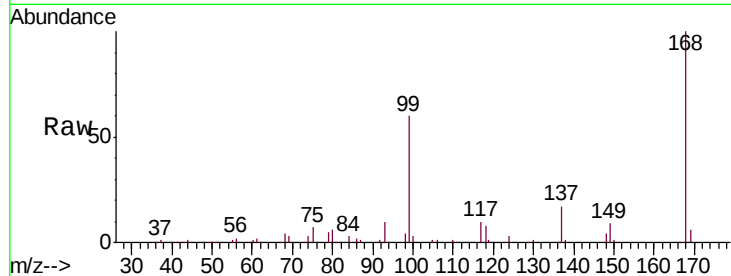




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW010585.D
Acq: 29 May 2019 12:34

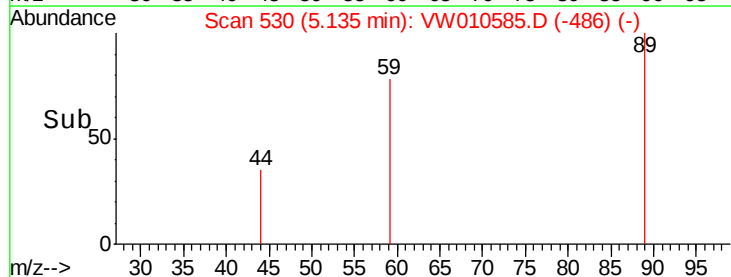
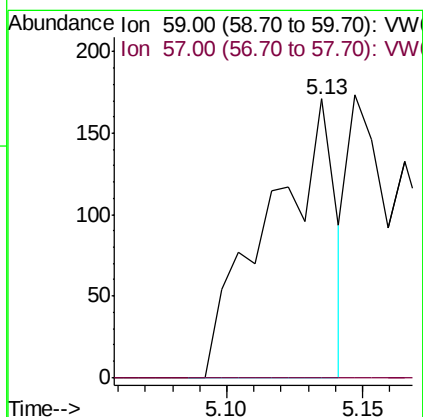
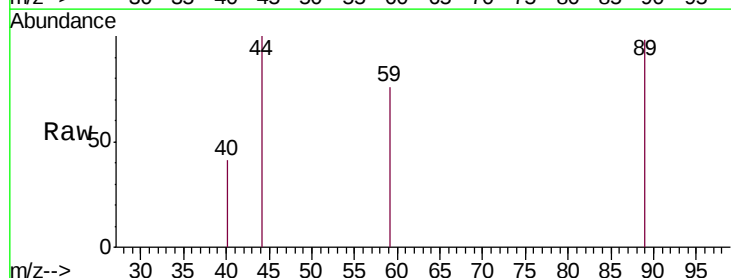
Instrument :
MSVOA_W
ClientSampleId :
TP-3B-D2RE

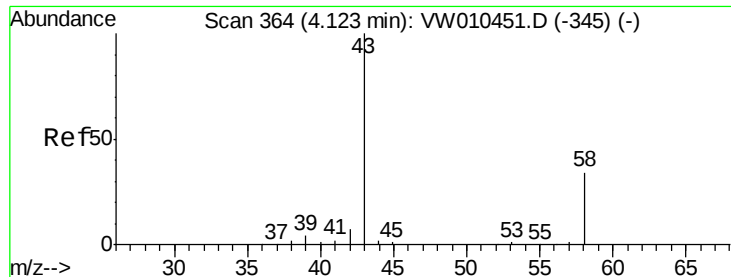
Tgt Ion: 168 Resp: 81528
Ion Ratio Lower Upper
168 100
99 59.9 46.1 69.1



#11
Tert butyl alcohol
Concen: 3.831 ug/l
RT: 5.13 min Scan# 530
Delta R.T. -0.03 min
Lab File: VW010585.D
Acq: 29 May 2019 12:34

Tgt Ion: 59 Resp: 290
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#





#16

Acetone

Concen: 81.446 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010585.D

Acq: 29 May 2019 12:34

Instrument :

MSVOA_W

ClientSampled :

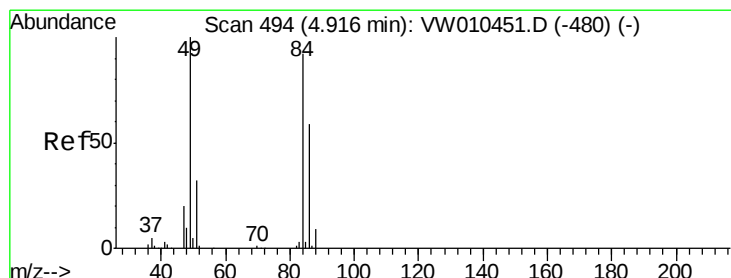
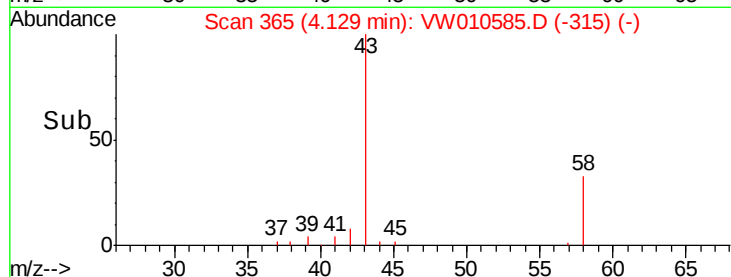
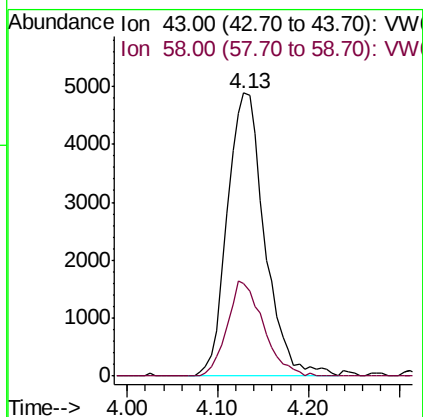
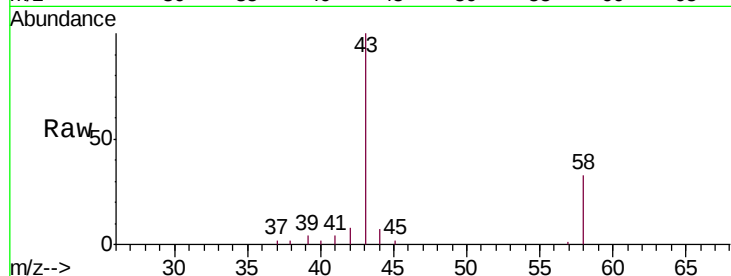
TP-3B-D2RE

Tgt Ion: 43 Resp: 13990

Ion Ratio Lower Upper

43 100

58 32.5 27.0 40.4



#20

Methylene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW010585.D

Acq: 29 May 2019 12:34

Tgt Ion: 84 Resp: 2106

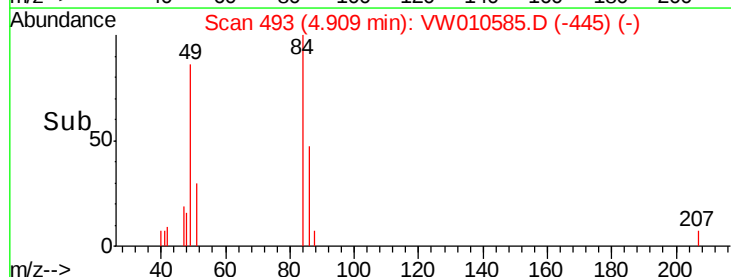
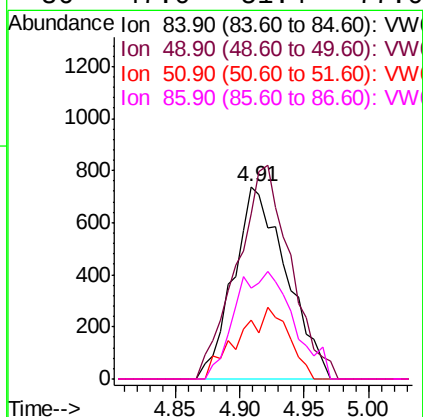
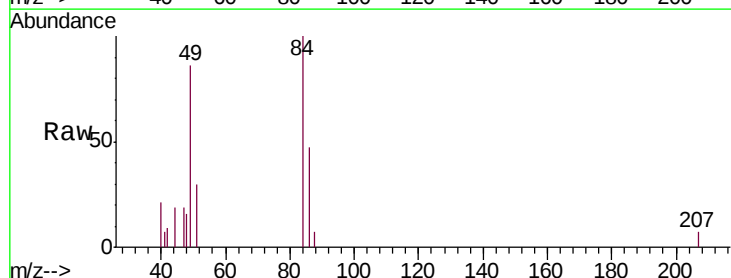
Ion Ratio Lower Upper

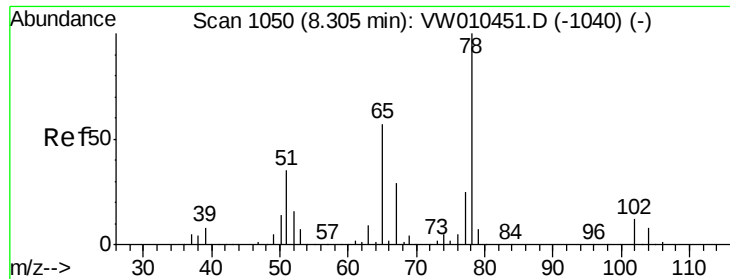
84 100

49 85.5 87.2 130.8#

51 30.4 27.7 41.5

86 47.0 51.4 77.0#

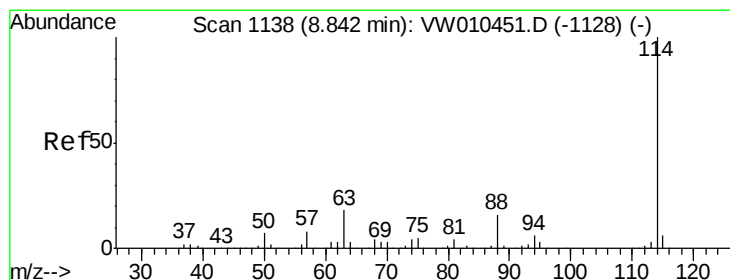
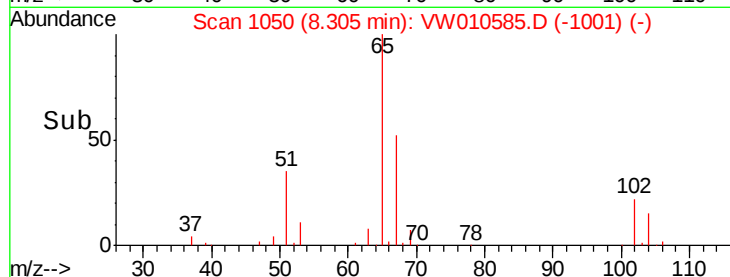
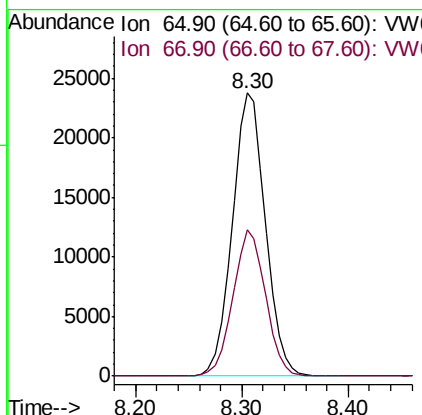
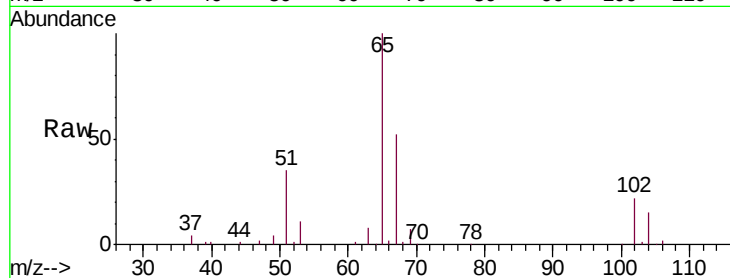




#33
 1,2-Dichloroethane-d4
 Concen: 61.437 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010585.D
 Acq: 29 May 2019 12:34

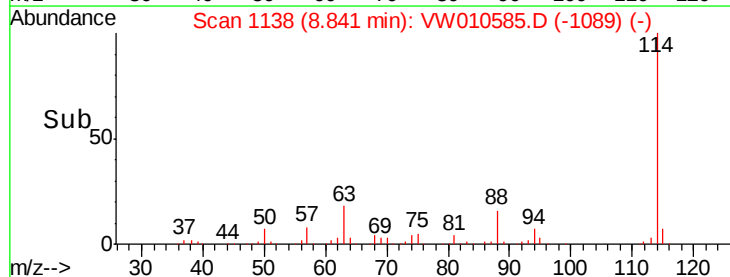
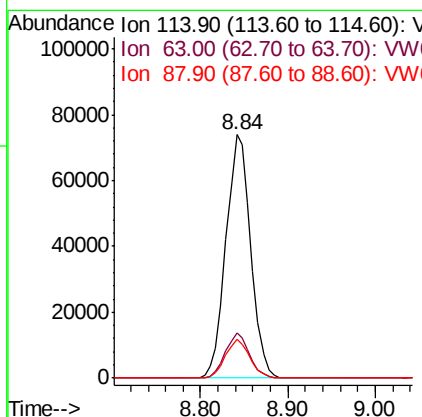
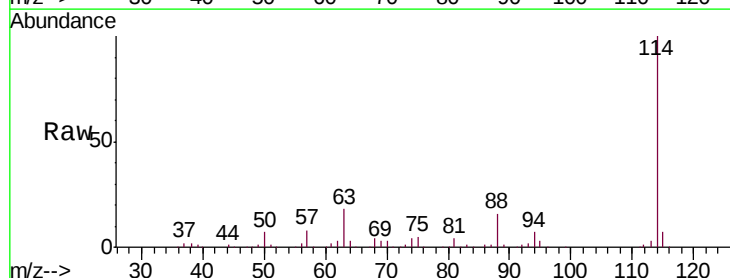
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-3B-D2RE

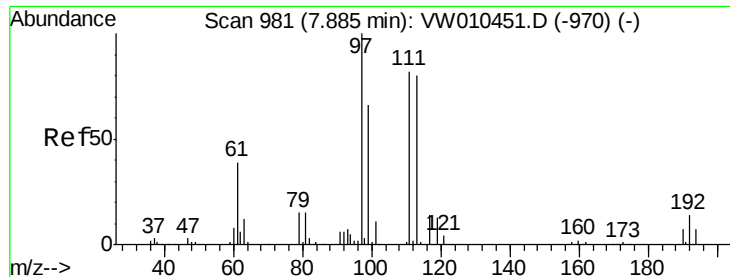
Tgt Ion: 65 Resp: 51700
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010585.D
 Acq: 29 May 2019 12:34

Tgt Ion: 114 Resp: 145168
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 36.0
 88 16.1 0.0 32.0





#35

Dibromofluoromethane

Concen: 52.733 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010585.D

Acq: 29 May 2019 12:34

Instrument :

MSVOA_W

ClientSampled :

TP-3B-D2RE

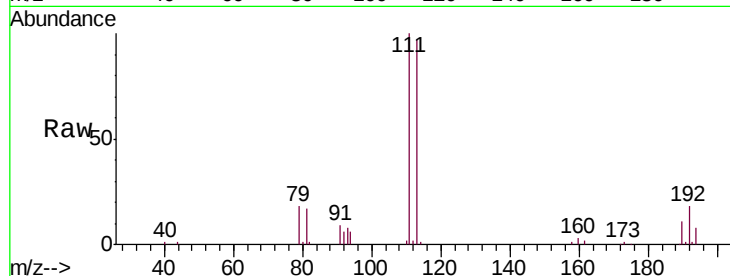
Tgt Ion:113 Resp: 46450

Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.4

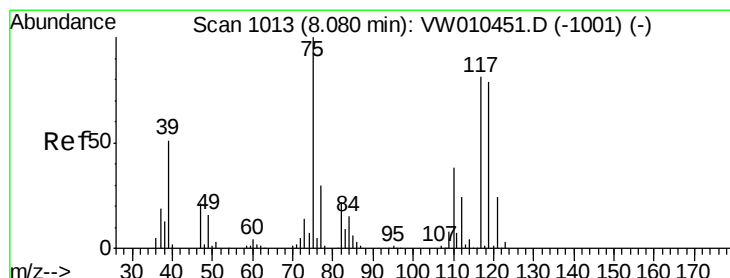
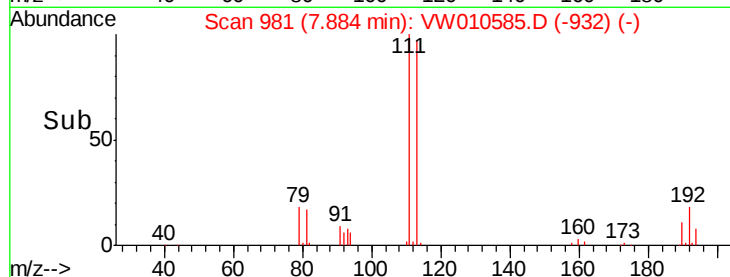
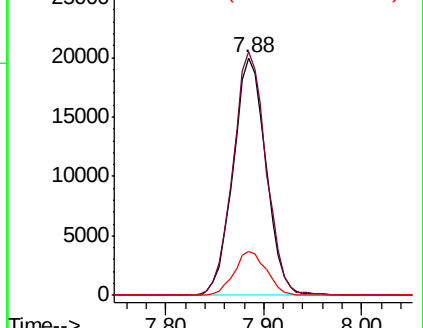
192 18.0 14.3 21.5



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: 4.458 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW010585.D

Acq: 29 May 2019 12:34

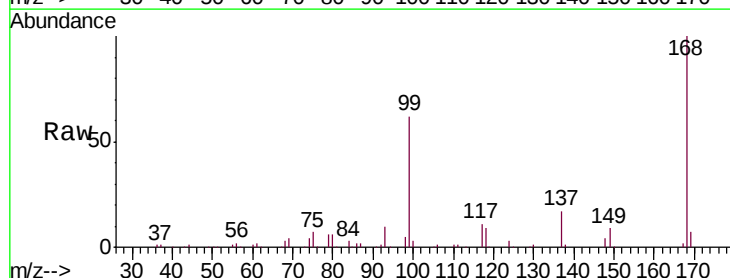
Tgt Ion: 75 Resp: 6029

Ion Ratio Lower Upper

75 100

110 9.8 19.2 57.6#

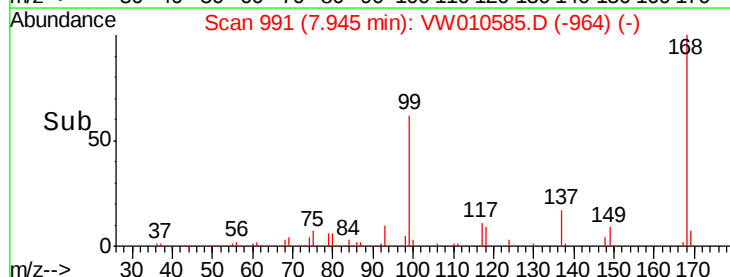
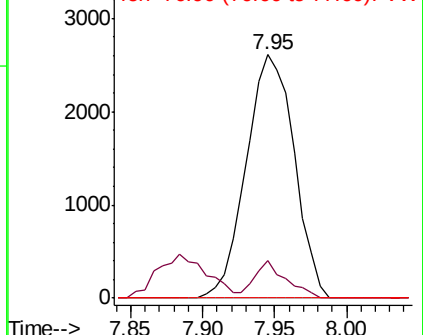
77 0.0 25.2 37.8#

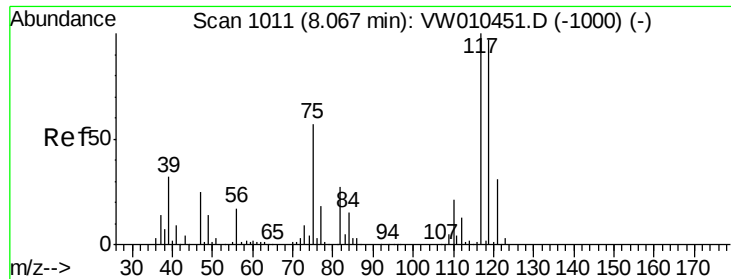


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

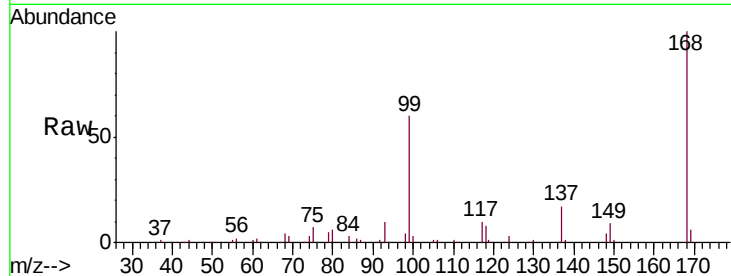




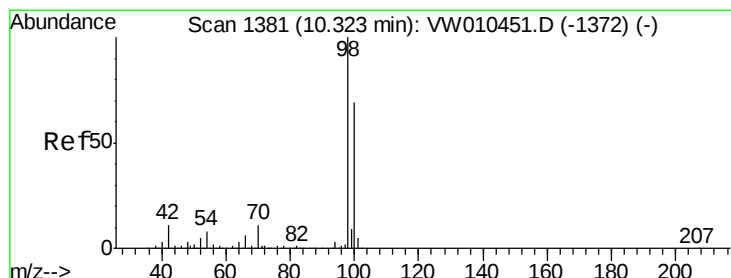
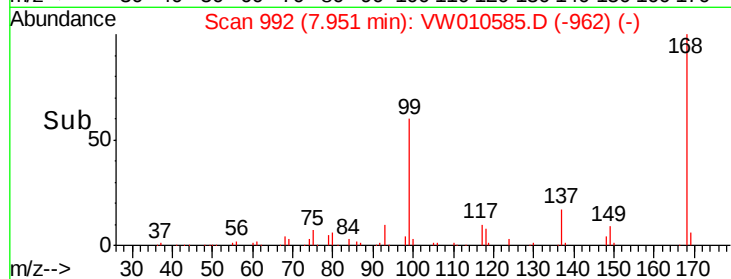
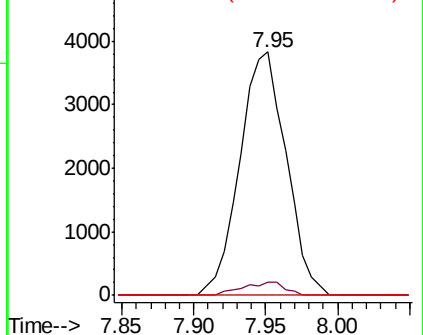
#38
Carbon Tetrachloride
Concen: 5.860 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW010585.D
Acq: 29 May 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
TP-3B-D2RE

Tgt Ion:117 Resp: 8549
Ion Ratio Lower Upper
117 100
119 5.5 77.4 116.0#
121 0.0 25.0 37.6#

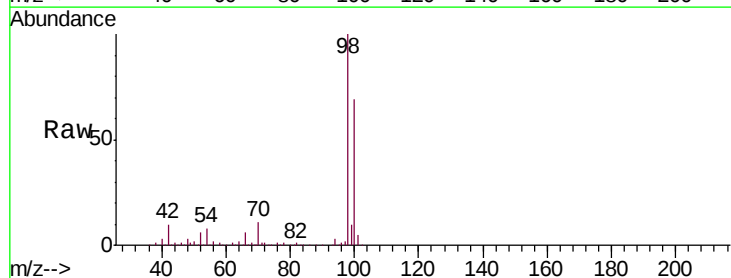


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

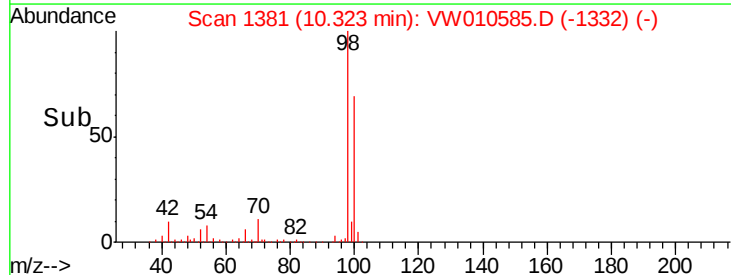
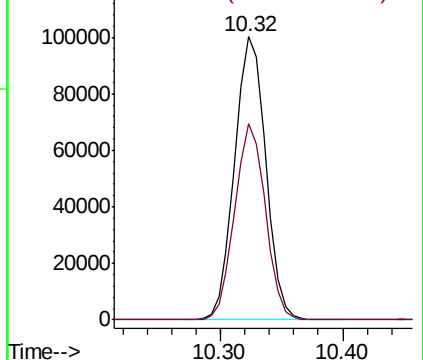


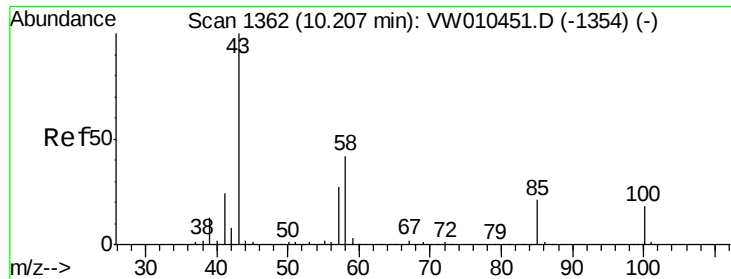
#50
Toluene-d8
Concen: 52.640 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010585.D
Acq: 29 May 2019 12:34

Tgt Ion: 98 Resp: 177136
Ion Ratio Lower Upper
98 100
100 68.1 53.7 80.5



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

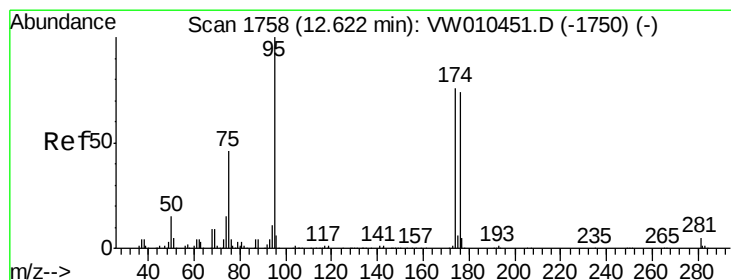
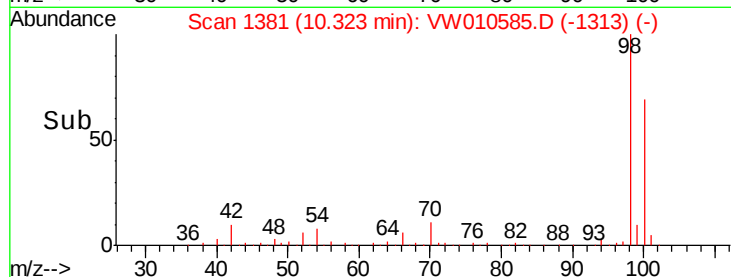
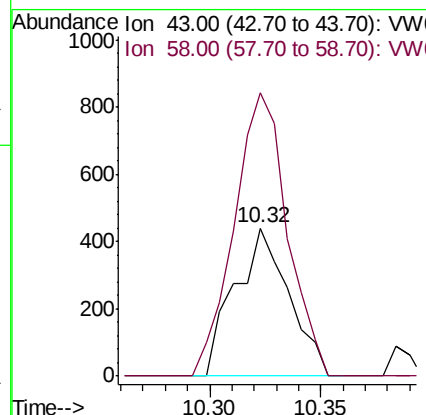
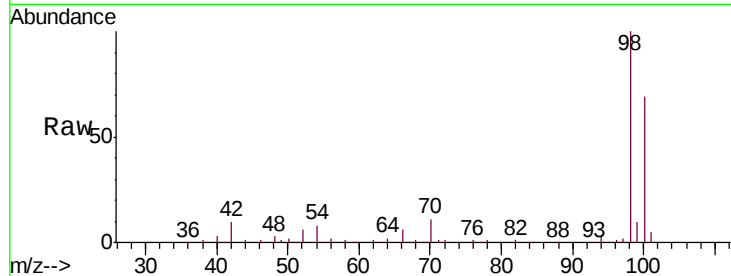




#51
 4-Methyl-2-Pentanone
 Concen: 1.273 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.12 min
 Lab File: VW010585.D
 Acq: 29 May 2019 12:34

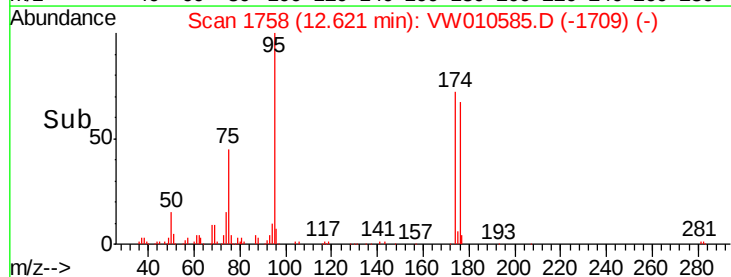
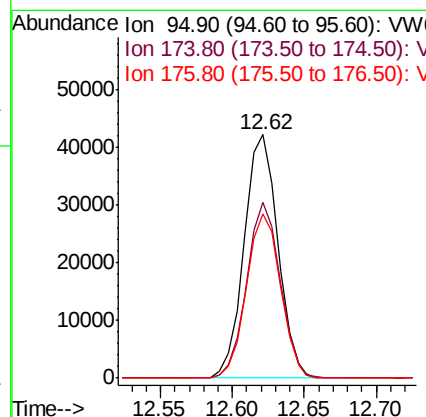
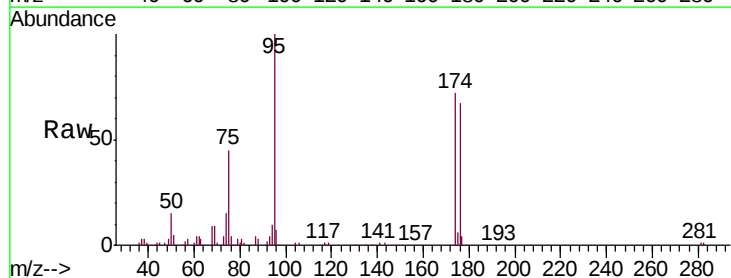
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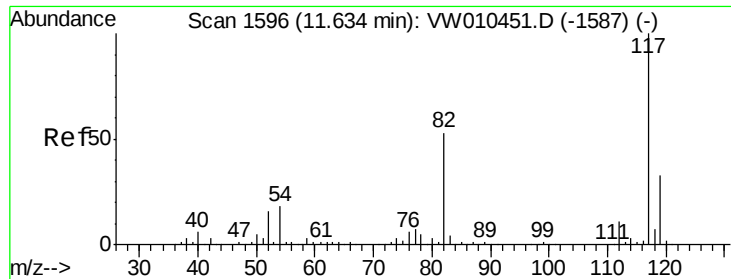
Tgt Ion: 43 Resp: 741
 Ion Ratio Lower Upper
 43 100
 58 188.9 33.2 49.8#



#62
 4-Bromofluorobenzene
 Concen: 51.105 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW010585.D
 Acq: 29 May 2019 12:34

Tgt Ion: 95 Resp: 68499
 Ion Ratio Lower Upper
 95 100
 174 71.2 0.0 148.6
 176 68.1 0.0 144.2

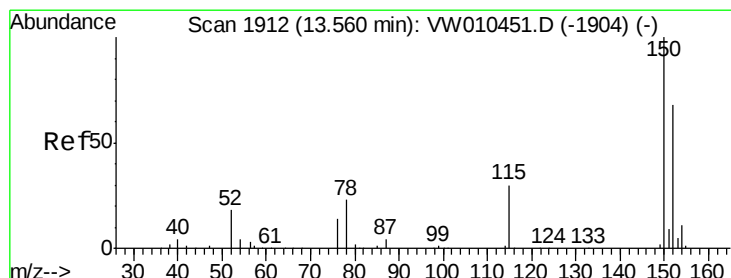
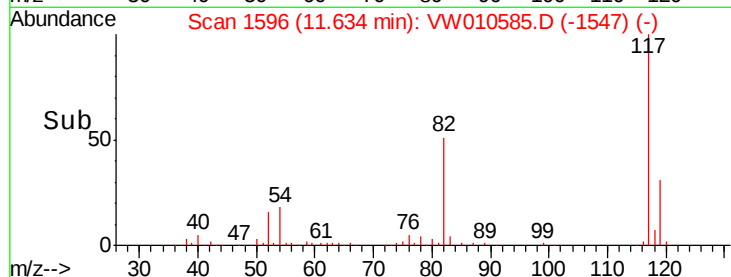
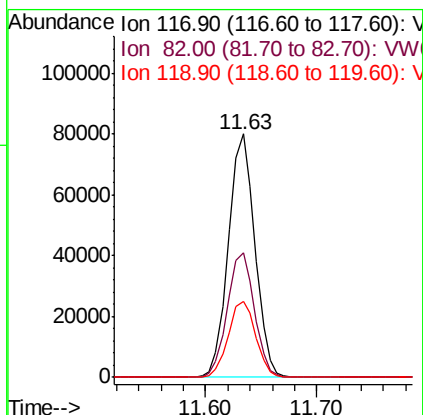
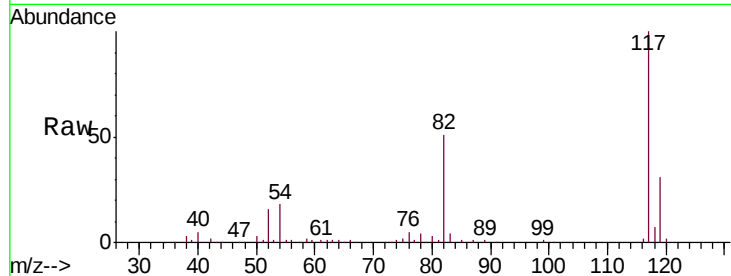




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010585.D
Acq: 29 May 2019 12:34

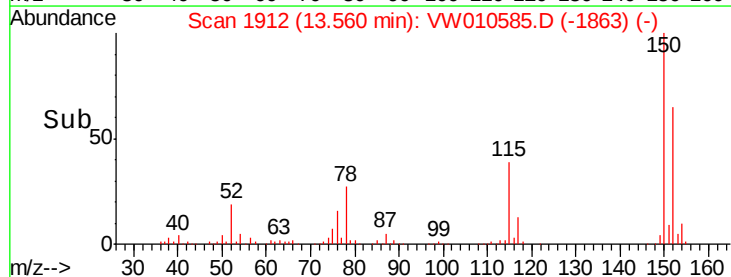
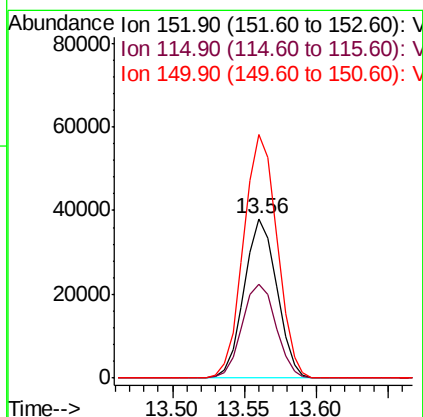
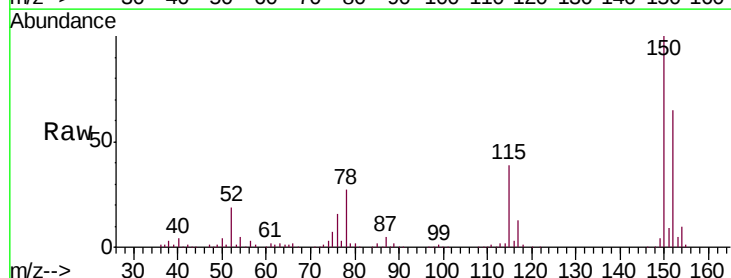
Instrument :
MSVOA_W
ClientSampleId :
TP-3B-D2RE

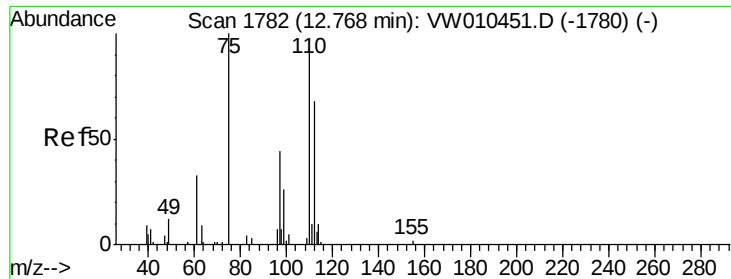
Tgt Ion:117 Resp: 131952
Ion Ratio Lower Upper
117 100
82 51.1 42.8 64.2
119 31.0 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010585.D
Acq: 29 May 2019 12:34

Tgt Ion:152 Resp: 59781
Ion Ratio Lower Upper
152 100
115 61.3 30.3 91.0
150 157.1 0.0 349.8





#76

1,2,3-Trichloropropane

Concen: 52.057 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010585.D

Acq: 29 May 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

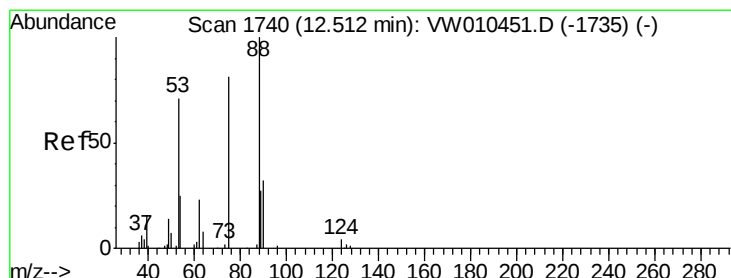
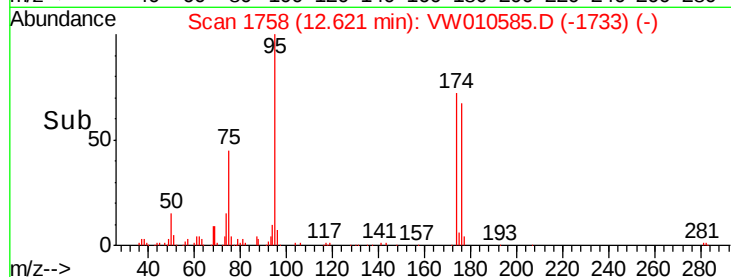
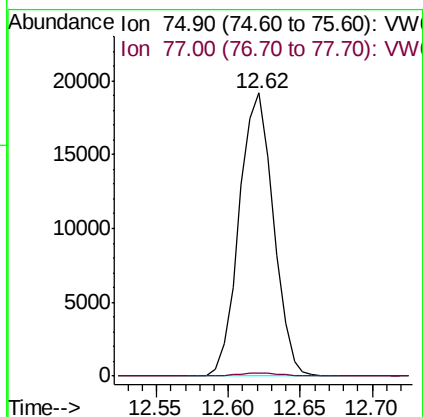
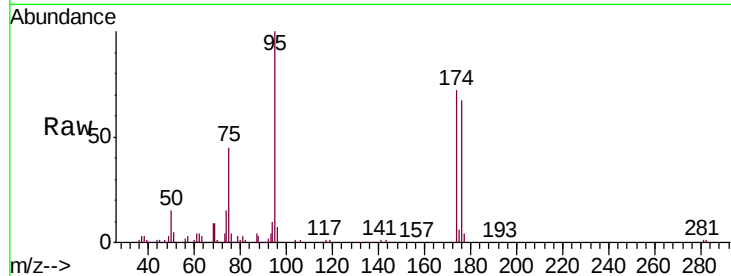
TP-3B-D2RE

Tgt Ion: 75 Resp: 31589

Ion Ratio Lower Upper

75 100

77 1.4 170.0 510.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 108.644 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010585.D

Acq: 29 May 2019 12:34

Tgt Ion: 75 Resp: 31589

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.8#

89 0.0 39.5 59.3#

