

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030819\
 Data File : VW009063.D
 Acq On : 08 Mar 2019 19:04
 Operator : SY/VA
 Sample : K1807-43
 Misc : 5.10G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-22

Quant Time: Mar 09 01:20:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	289120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	464166	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	420825	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	198073	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	178600	61.40	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	122.80%	
35) Dibromofluoromethane	7.88	113	145955	52.23	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.46%	
50) Toluene-d8	10.32	98	562318	48.99	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.98%	
62) 4-Bromofluorobenzene	12.62	95	191137	42.30	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	84.60%	

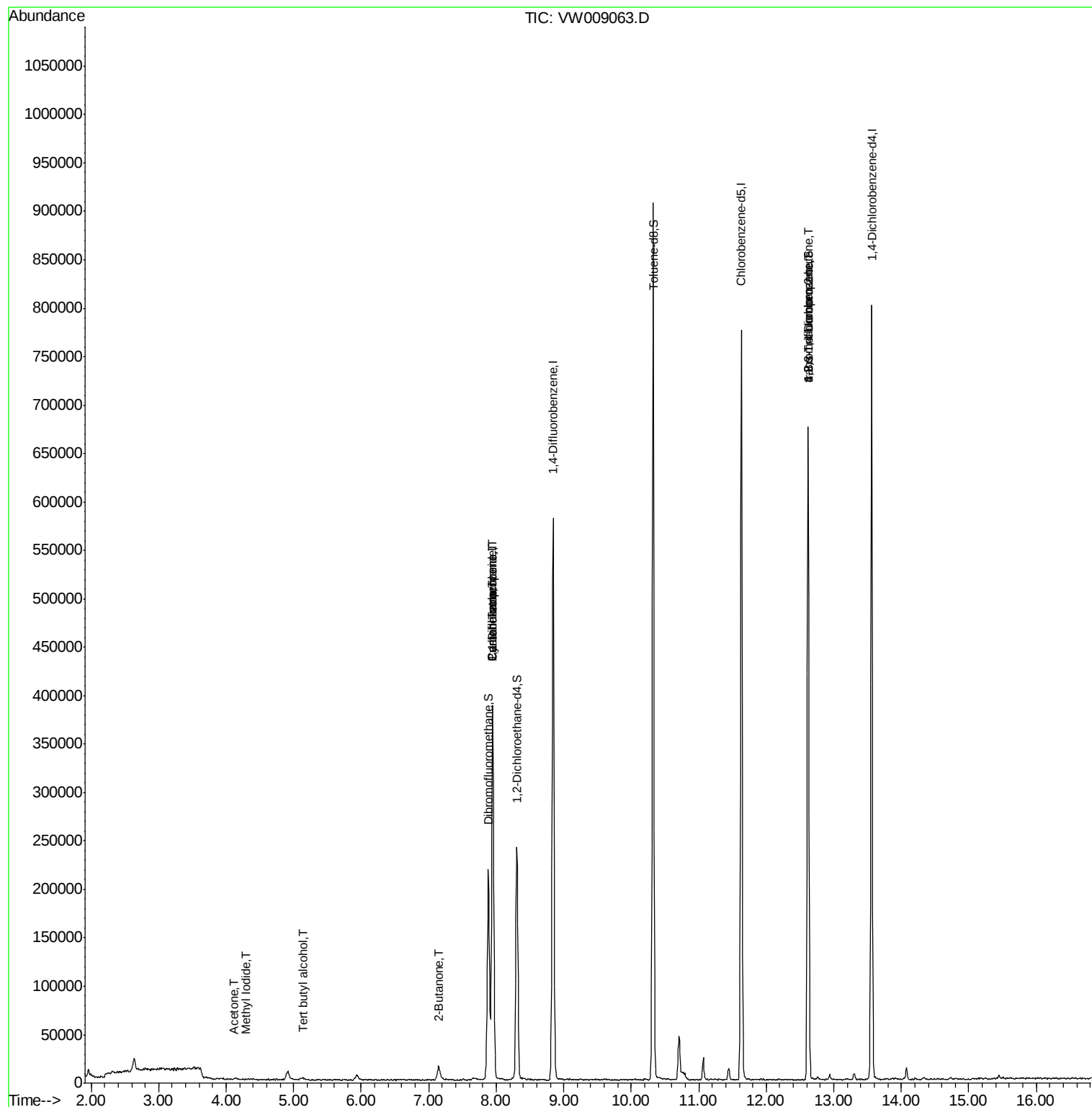
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.29	142	61	3.205	ug/l #	40
11) Tert butyl alcohol	5.14	59	677	3.037	ug/l	97
16) Acetone	4.12	43	781	1.190	ug/l	93
20) Methylene Chloride	4.92	84	6259	Below Cal	#	81
25) 2-Butanone	7.15	43	1437	1.584	ug/l #	50
31) Cyclohexane	7.95	56	7165	1.321	ug/l #	30
36) 1,1-Dichloropropene	7.95	75	22545	4.645	ug/l #	50
38) Carbon Tetrachloride	7.95	117	28189	5.624	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	102418	65.445	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	102418	146.384	ug/l #	5

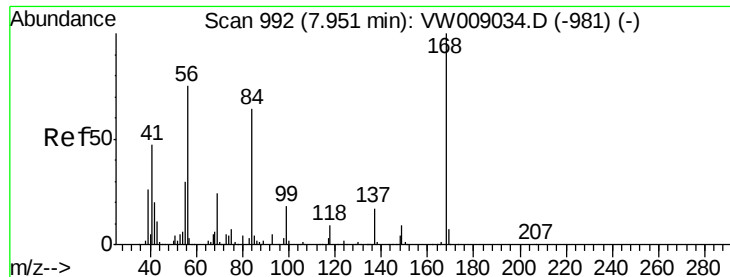
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW030819\
Data File : VW009063.D
Acq On : 08 Mar 2019 19:04
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Misc : 5.10G/5ML/MSVOA W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-22

Quant Time: Mar 09 01:20:55 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 05:22:30 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: VW009063.D

Acq: 08 Mar 2019 19:04

Instrument :

MSVOA_W

ClientSampled :

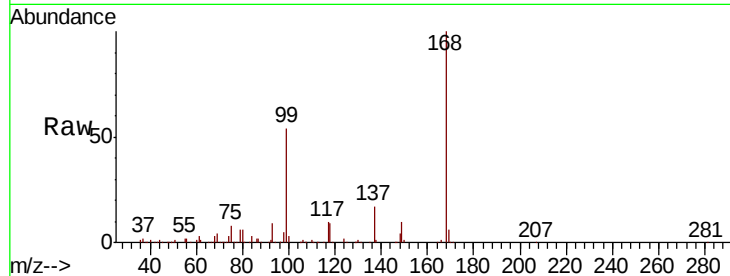
TP-22

Tot Ion:168 Resp: 289120

Ion Ratio Lower Upper

168 100

99 54.5 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

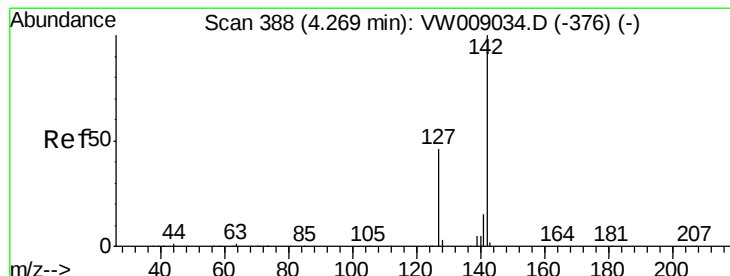
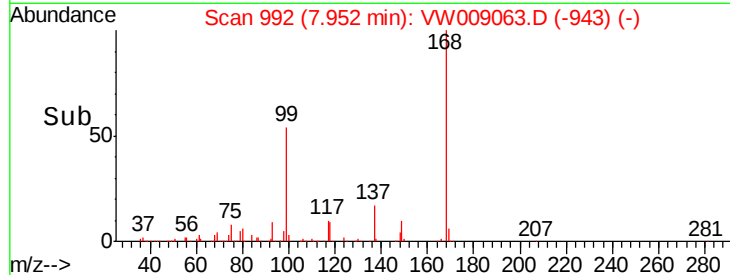
150000

100000

50000

0

Time-->



#10

Methyl Iodide

Concen: 3.205 ug/l

RT: 4.29 min Scan# 392

Delta R.T. 0.02 min

Lab File: VW009063.D

Acq: 08 Mar 2019 19:04

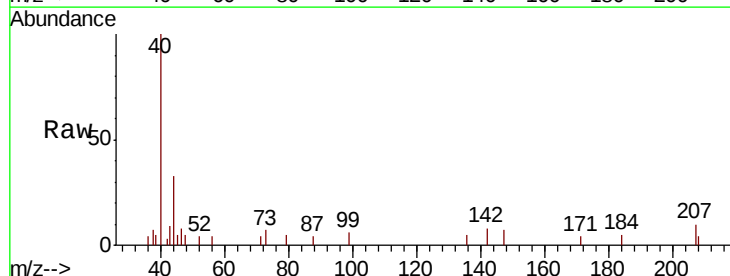
Tgt Ion:142 Resp: 61

Ion Ratio Lower Upper

142 100

127 0.0 35.8 53.6#

141 0.0 11.8 17.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

4.29

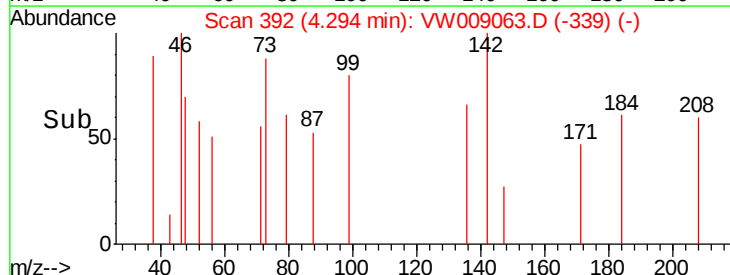
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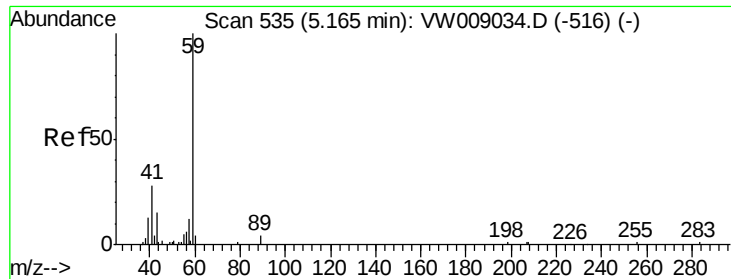
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50

0

Time-->

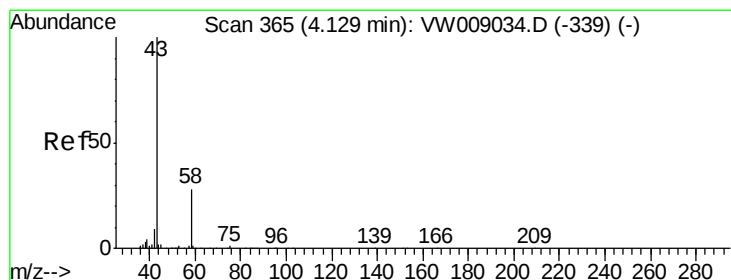
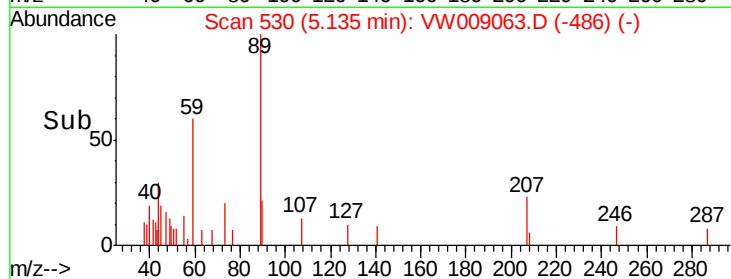
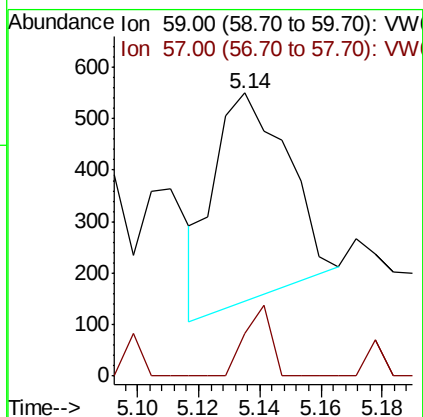
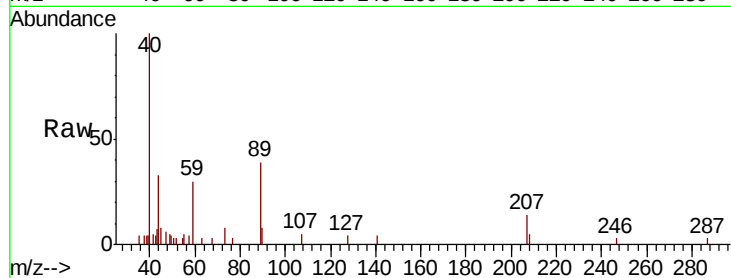




#11
Tert butyl alcohol
Concen: 3.037 ug/l
RT: 5.14 min Scan# 530
Delta R.T. -0.03 min
Lab File: VW009063.D
Acq: 08 Mar 2019 19:04

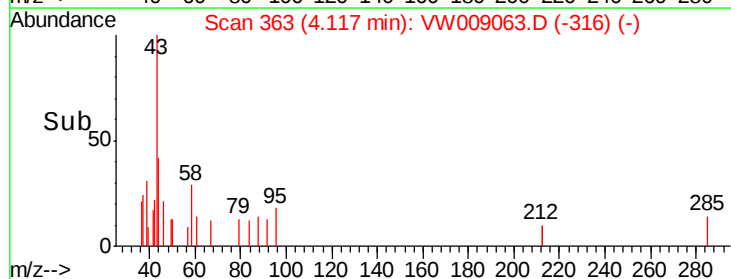
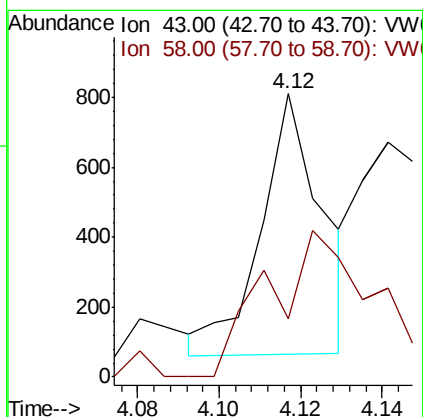
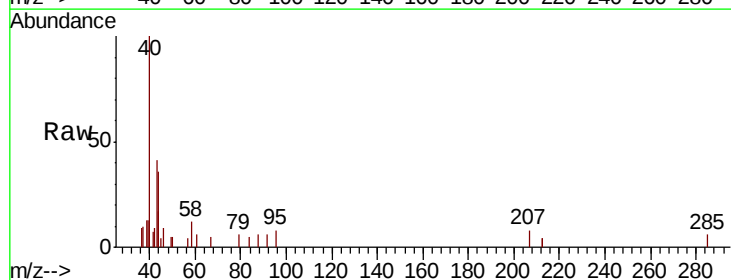
Instrument :
MSVOA_W
ClientSampled :
TP-22

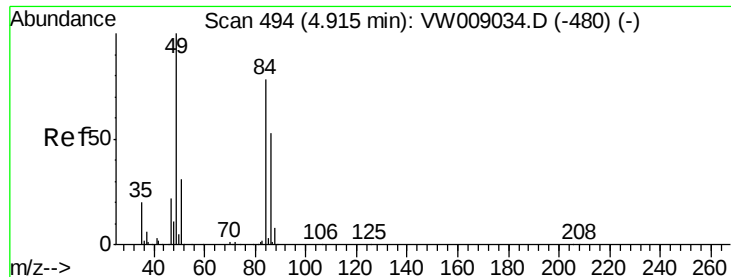
Tot Ion: 59 Resp: 677
Ion Ratio Lower Upper
59 100
57 12.0 8.6 12.8



#16
Acetone
Concen: 1.190 ug/l
RT: 4.12 min Scan# 363
Delta R.T. -0.01 min
Lab File: VW009063.D
Acq: 08 Mar 2019 19:04

Tgt Ion: 43 Resp: 781
Ion Ratio Lower Upper
43 100
58 24.5 22.5 33.7

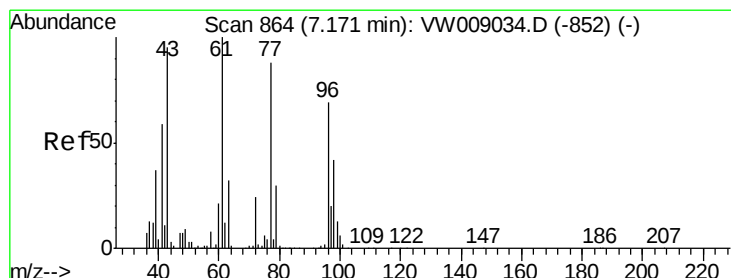
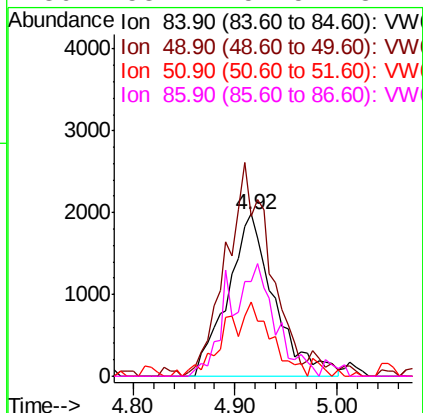
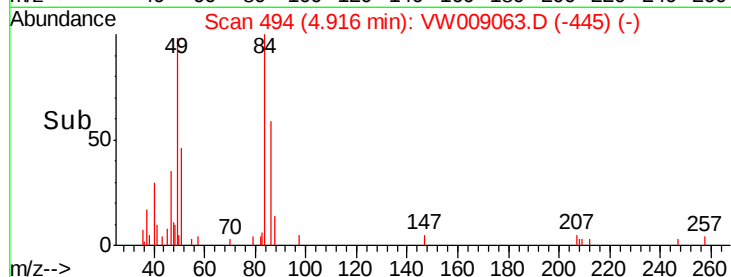
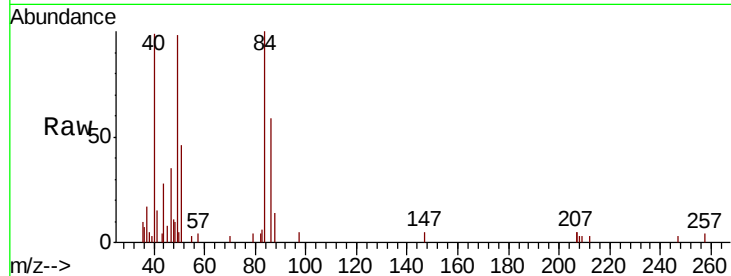




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009063.D
Acq: 08 Mar 2019 19:04

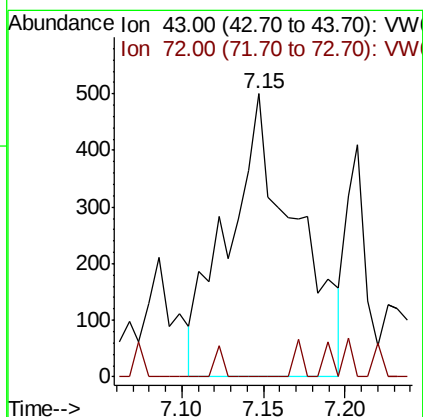
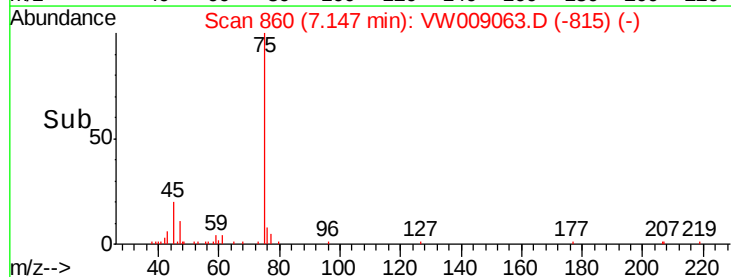
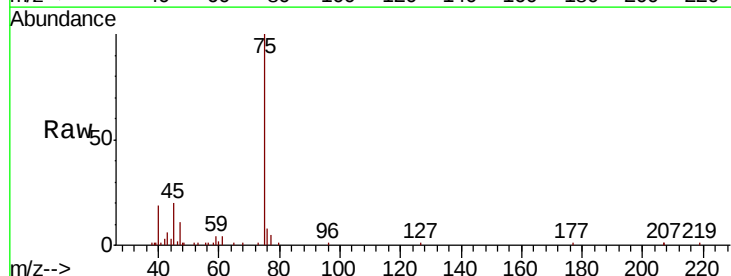
Instrument :
MSVOA_W
ClientSampleId :
TP-22

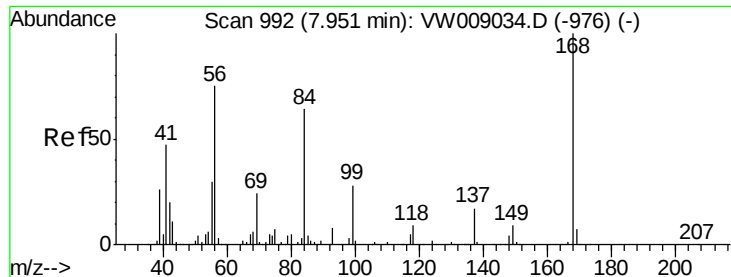
Tot Ion: 84 Resp: 6259
Ion Ratio Lower Upper
84 100
49 95.6 102.4 153.6#
51 42.1 31.6 47.4
86 58.7 54.5 81.7



#25
2-Butanone
Concen: 1.584 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: VW009063.D
Acq: 08 Mar 2019 19:04

Tgt Ion: 43 Resp: 1437
Ion Ratio Lower Upper
43 100
72 0.0 20.0 30.0#

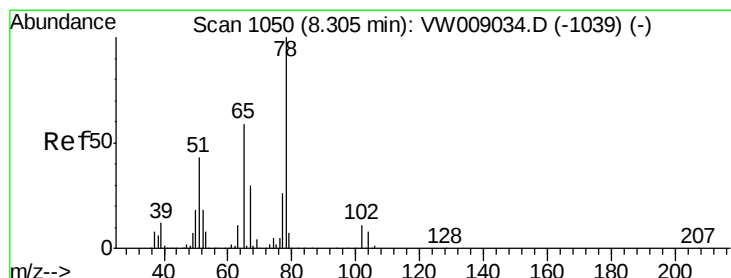
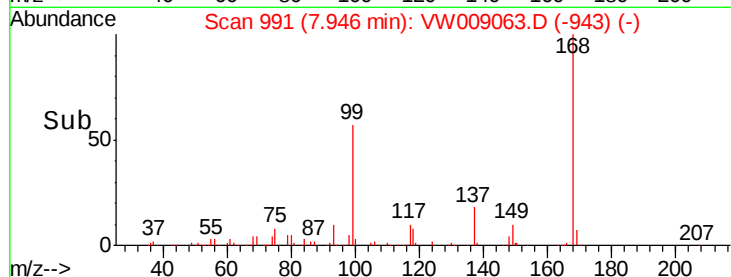
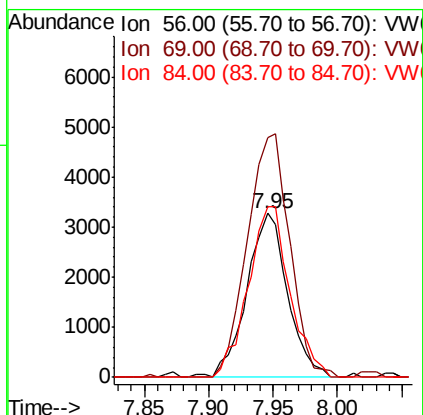
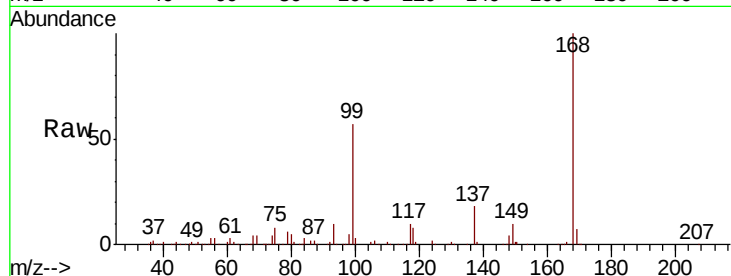




#31
Cyclohexane
Concen: 1.321 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW009063.D
Acq: 08 Mar 2019 19:04

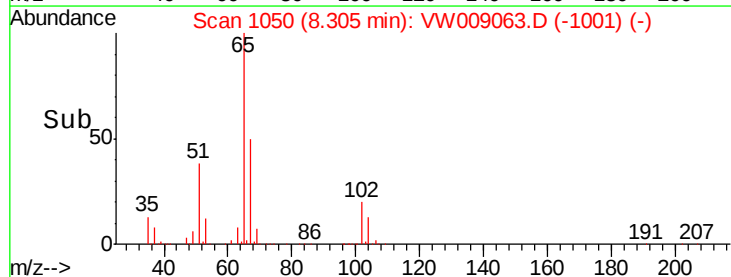
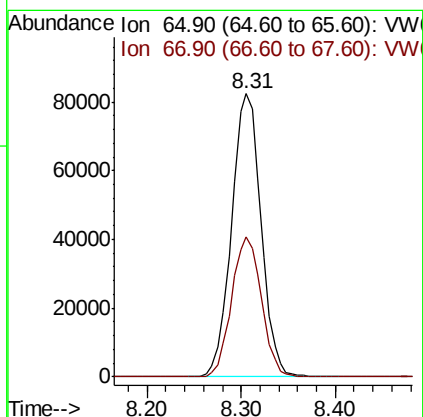
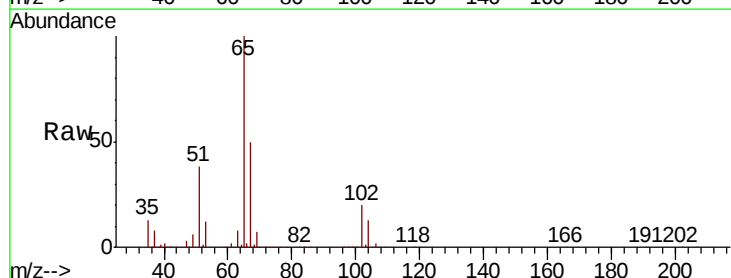
Instrument :
MSVOA_W
ClientSampled :
TP-22

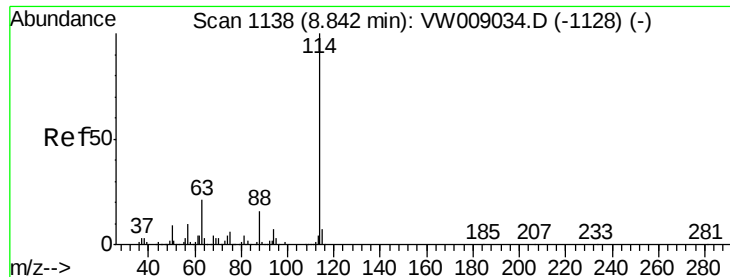
Tot Ion: 56 Resp: 7165
Ion Ratio Lower Upper
56 100
69 146.1 25.5 38.3#
84 103.8 68.6 103.0#



#33
1,2-Dichloroethane-d4
Concen: 61.399 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW009063.D
Acq: 08 Mar 2019 19:04

Tgt Ion: 65 Resp: 178600
Ion Ratio Lower Upper
65 100
67 50.1 0.0 103.0

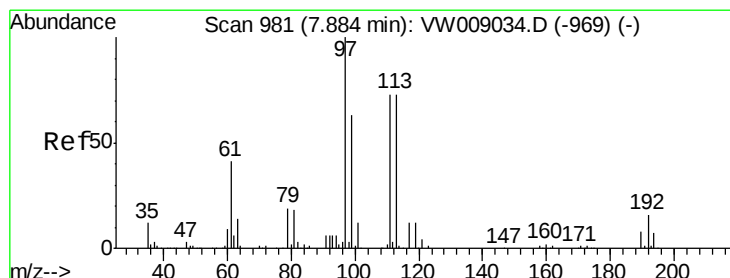
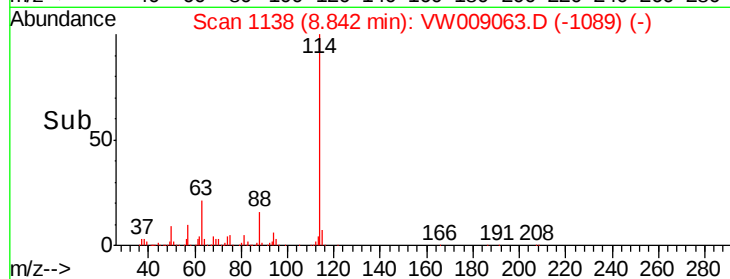
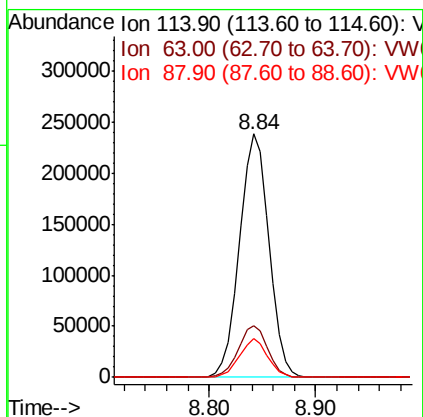
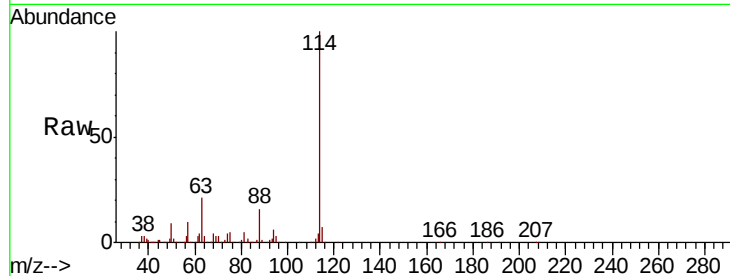




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW009063.D
Acq: 08 Mar 2019 19:04

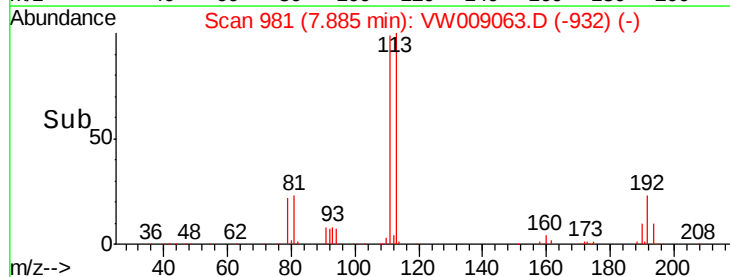
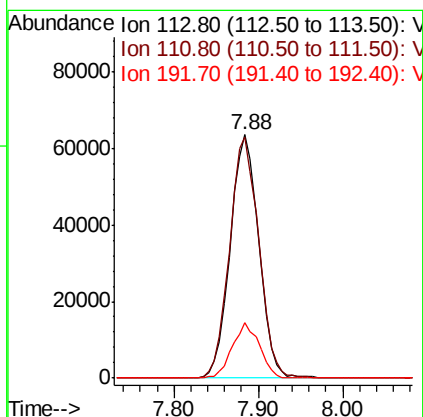
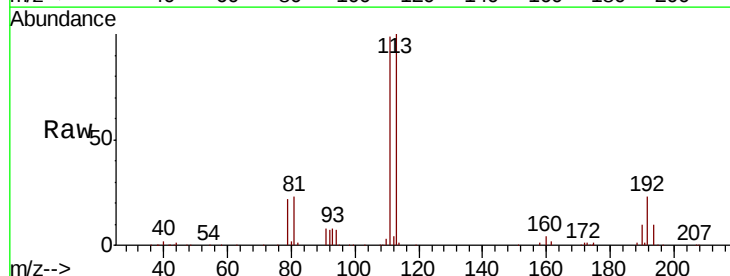
Instrument :
MSVOA_W
ClientSampleId :
TP-22

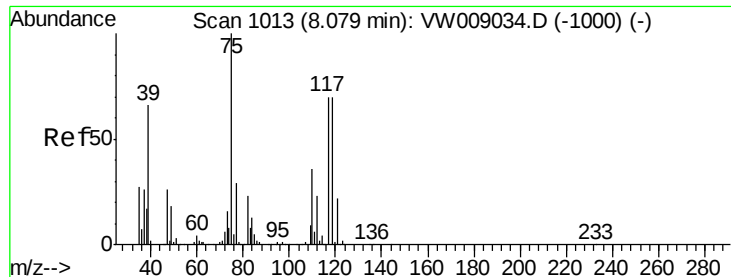
Tot Ion:114 Resp: 464166
Ion Ratio Lower Upper
114 100
63 21.0 0.0 41.2
88 15.8 0.0 31.2



#35
Dibromofluoromethane
Concen: 52.226 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW009063.D
Acq: 08 Mar 2019 19:04

Tgt Ion:113 Resp: 145955
Ion Ratio Lower Upper
113 100
111 101.3 81.0 121.4
192 21.5 17.1 25.7

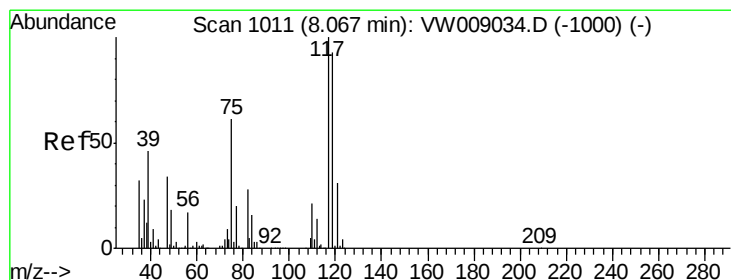
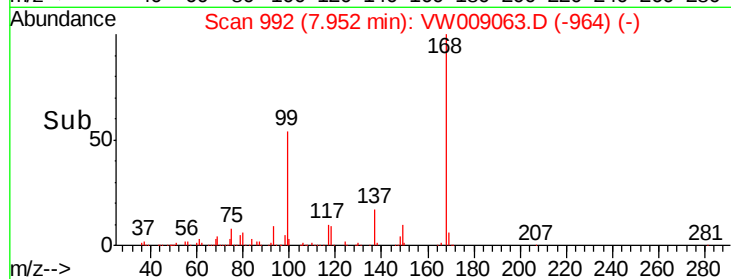
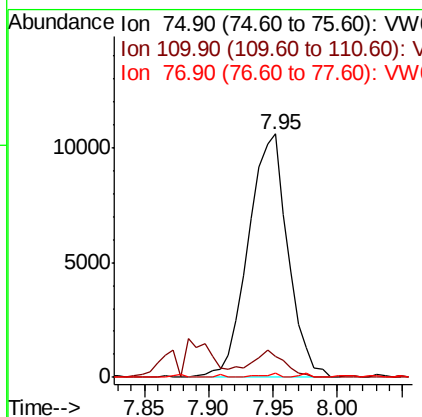
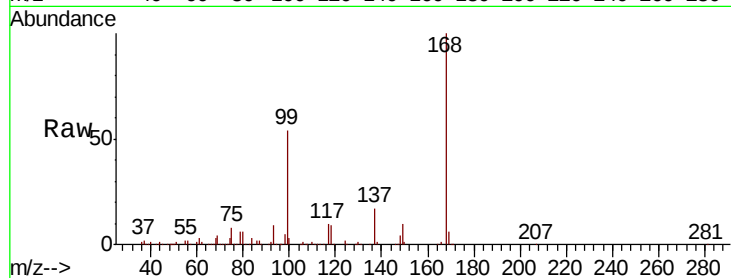




#36
 1,1-Dichloropropene
 Concen: 4.645 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW009063.D
 Acq: 08 Mar 2019 19:04

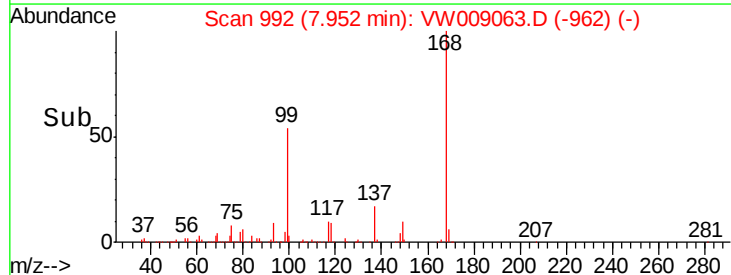
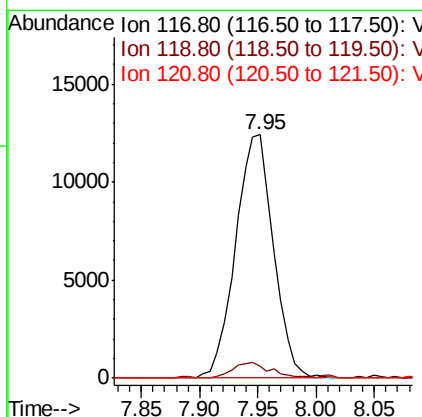
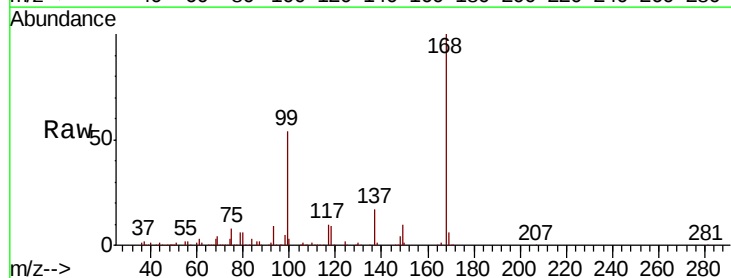
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 ClientSampled :
 TP-22

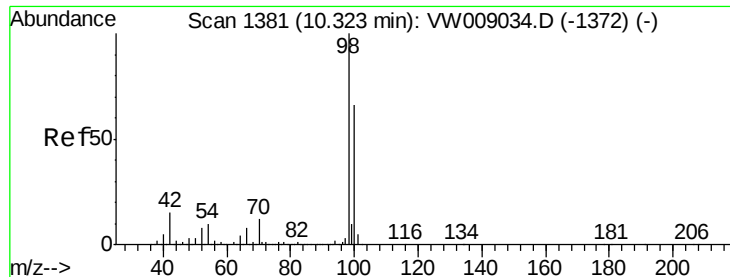
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.6	17.6	52.9#
77	0.7	25.1	37.7#



#38
 Carbon Tetrachloride
 Concen: 5.624 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW009063.D
 Acq: 08 Mar 2019 19:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.0	74.6	112.0#
121	0.0	24.7	37.1#





#50

Toluene-d8

Concen: 48.990 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009063.D

Acq: 08 Mar 2019 19:04

Instrument :

MSVOA_W

ClientSampled :

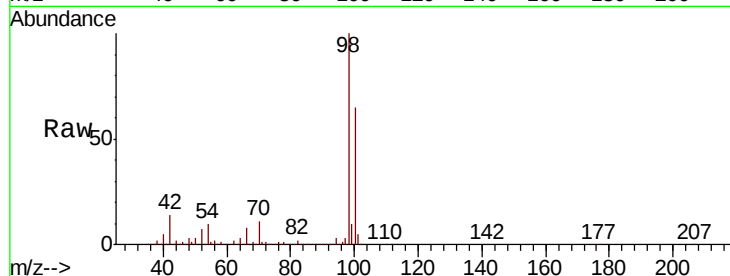
TP-22

Tot Ion: 98 Resp: 562318

Ion Ratio Lower Upper

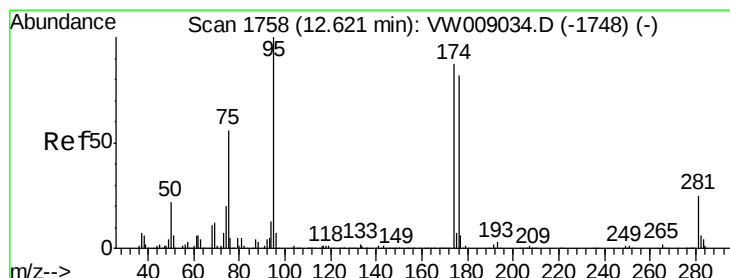
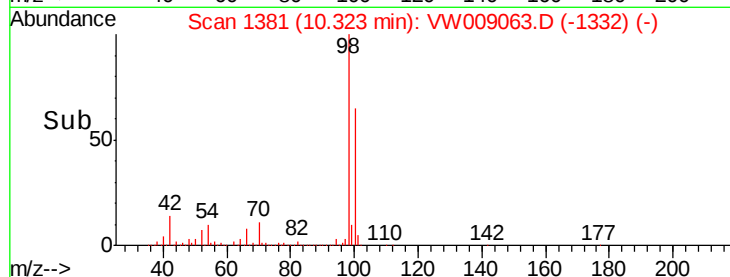
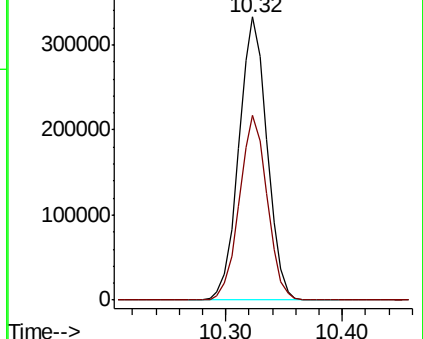
98 100

100 64.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 42.301 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW009063.D

Acq: 08 Mar 2019 19:04

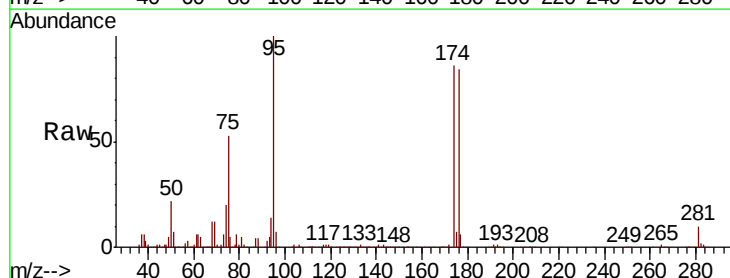
Tgt Ion: 95 Resp: 191137

Ion Ratio Lower Upper

95 100

174 84.8 0.0 167.0

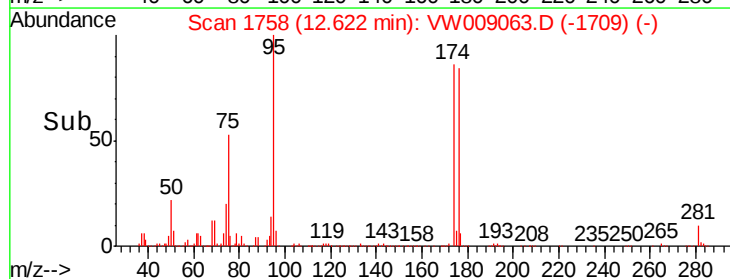
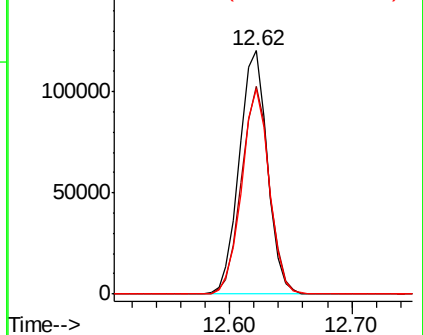
176 82.8 0.0 159.4

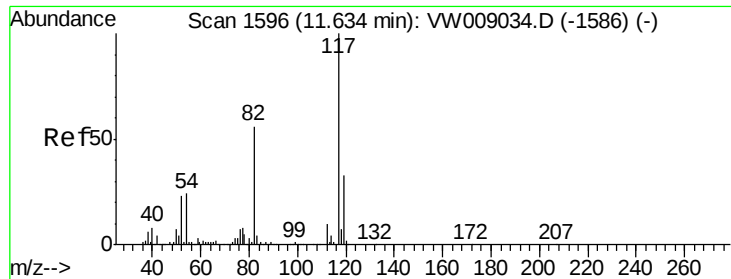


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

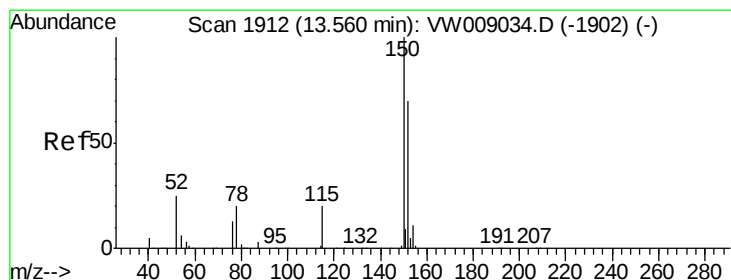
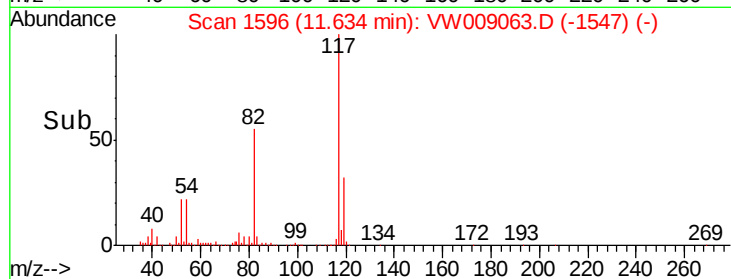
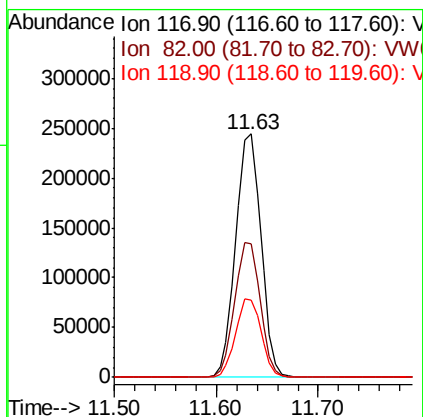
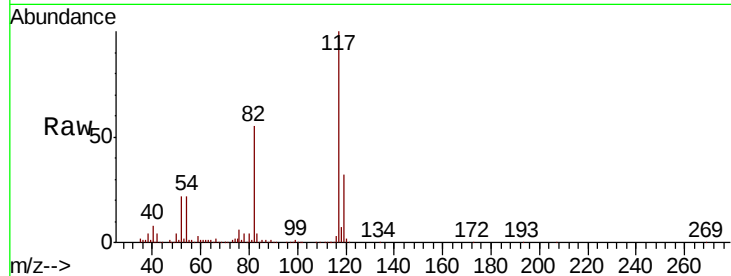




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW009063.D
Acq: 08 Mar 2019 19:04

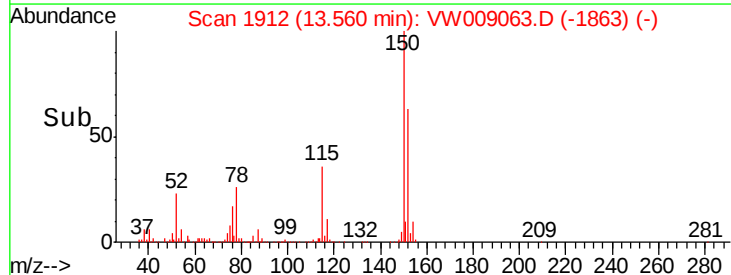
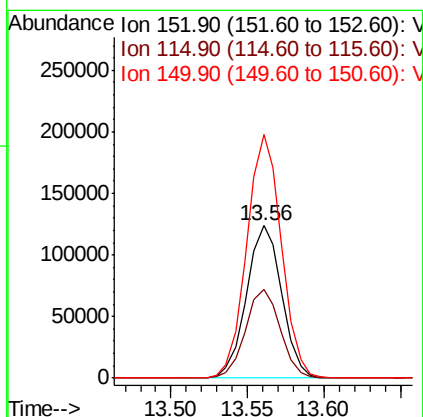
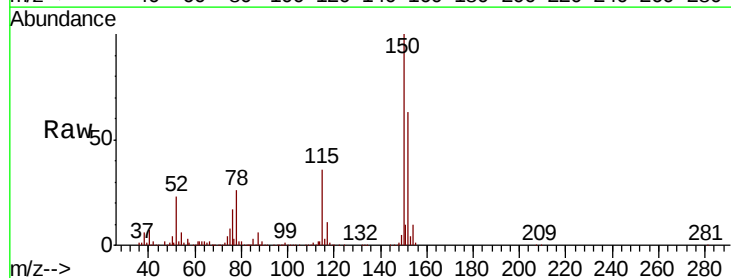
Instrument :
MSVOA_W
ClientSampleId :
TP-22

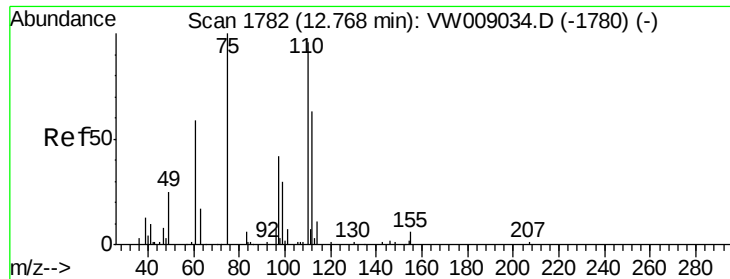
Tot Ion:117 Resp: 420825
Ion Ratio Lower Upper
117 100
82 54.9 45.0 67.6
119 31.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW009063.D
Acq: 08 Mar 2019 19:04

Tgt Ion:152 Resp: 198073
Ion Ratio Lower Upper
152 100
115 57.5 28.9 86.7
150 156.9 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 65.445 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW009063.D

Acq: 08 Mar 2019 19:04

Instrument :

MSVOA_W

ClientSampled :

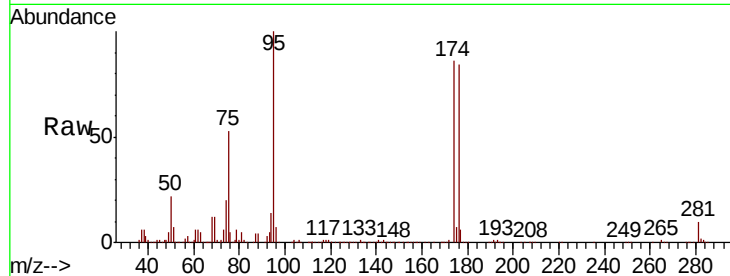
TP-22

Tot Ion: 75 Resp: 102418

Ion Ratio Lower Upper

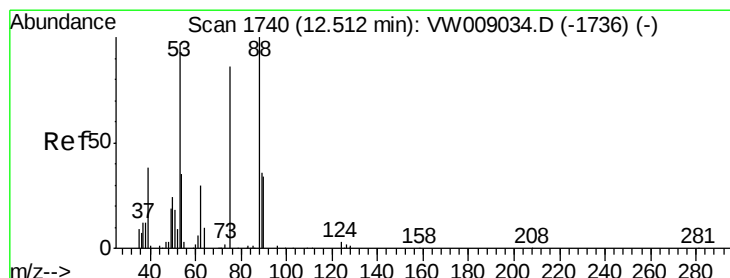
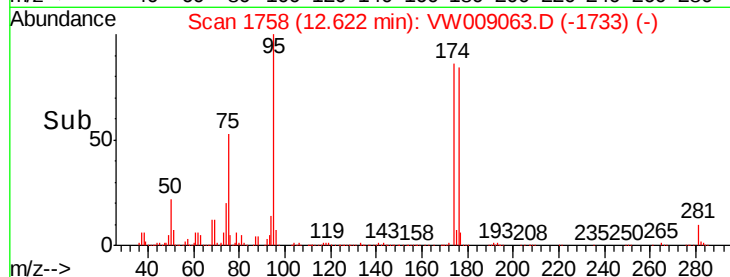
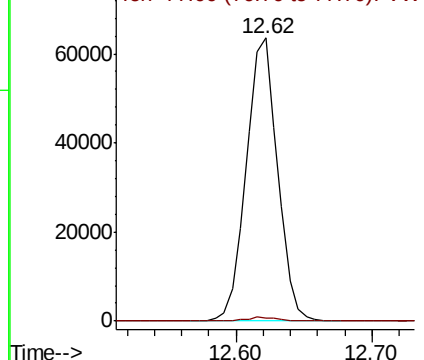
75 100

77 1.4 186.7 560.0#



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: 146.384 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW009063.D

Acq: 08 Mar 2019 19:04

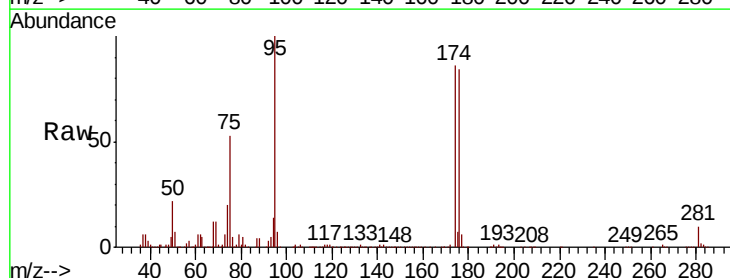
Tgt Ion: 75 Resp: 102418

Ion Ratio Lower Upper

75 100

53 0.4 90.5 135.7#

89 0.0 37.5 56.3#



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

