

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070119\
 Data File : VW011094.D
 Acq On : 01 Jul 2019 19:22
 Operator : SY/VA
 Sample : K3628-05
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VNJ-231-VNJ-236-345

Quant Time: Jul 02 08:37:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	202952	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	350512	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	297440	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	130027	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	138601	52.24	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.48%	
35) Dibromofluoromethane	7.88	113	105702	49.38	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.76%	
50) Toluene-d8	10.32	98	440214	49.97	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.94%	
62) 4-Bromofluorobenzene	12.62	95	152916	47.45	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.90%	

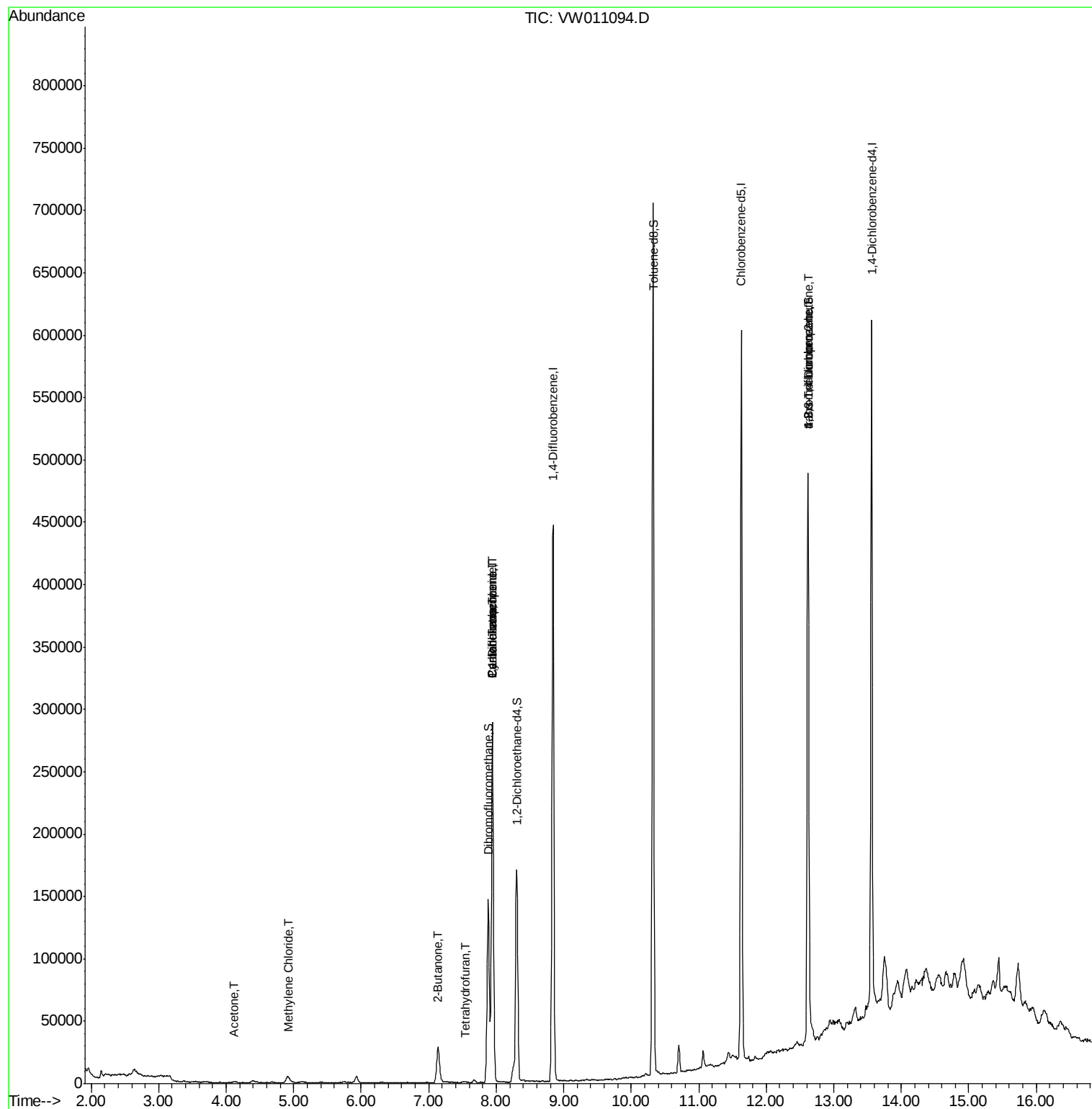
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	1802	2.783	ug/l	90
20) Methylene Chloride	4.91	84	3844	1.461	ug/l	94
25) 2-Butanone	7.13	43	1221	1.240	ug/l #	71
29) Tetrahydrofuran	7.53	42	834	1.361	ug/l #	41
31) Cyclohexane	7.95	56	5814	1.146	ug/l #	3
36) 1,1-Dichloropropene	7.95	75	18753	4.978	ug/l #	51
38) Carbon Tetrachloride	7.95	117	20644	6.654	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	80335	58.521	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	80335	118.404	ug/l #	3

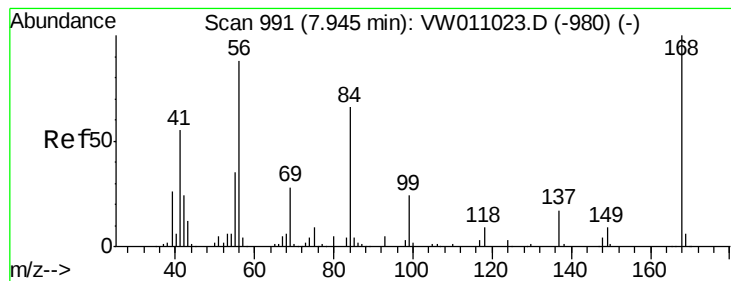
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW070119\
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QLast Update : Fri Jun 28 01:55:46 2019
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: VW011094.D

Acq: 01 Jul 2019 19:22

Instrument :

MSVOA_W

ClientSampleId :

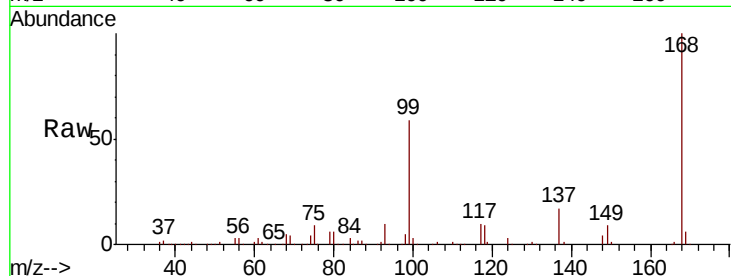
VNJ-231-VNJ-236-345

Tot Ion:168 Resp: 202952

Ion Ratio Lower Upper

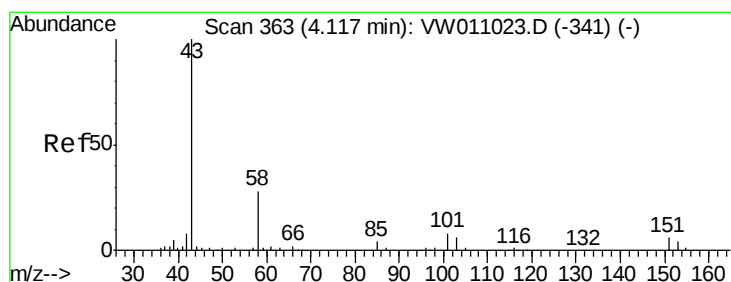
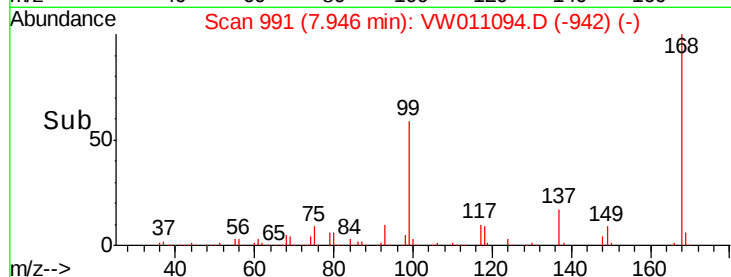
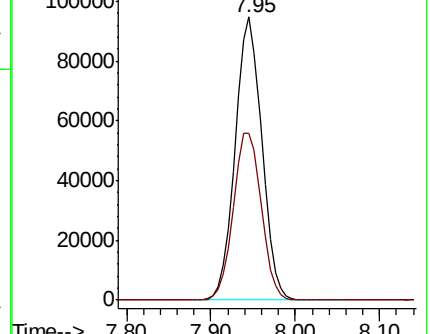
168 100

99 59.1 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 2.783 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011094.D

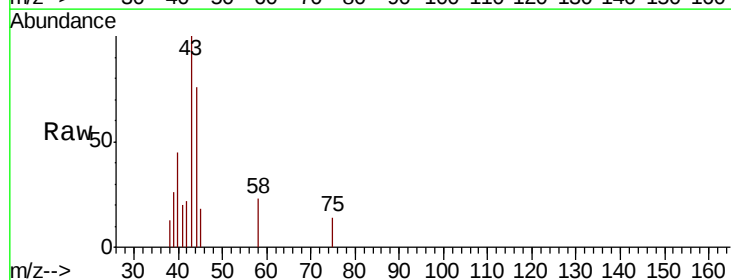
Acq: 01 Jul 2019 19:22

Tgt Ion: 43 Resp: 1802

Ion Ratio Lower Upper

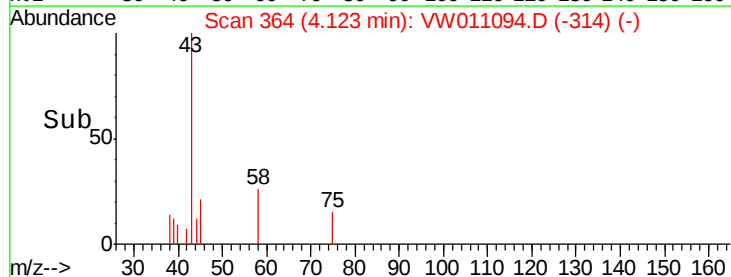
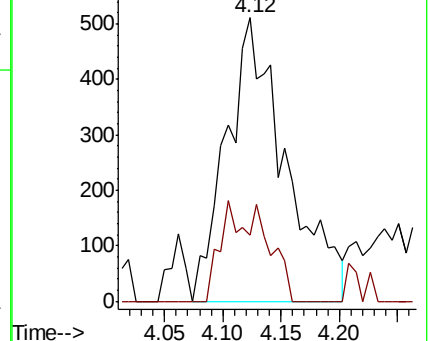
43 100

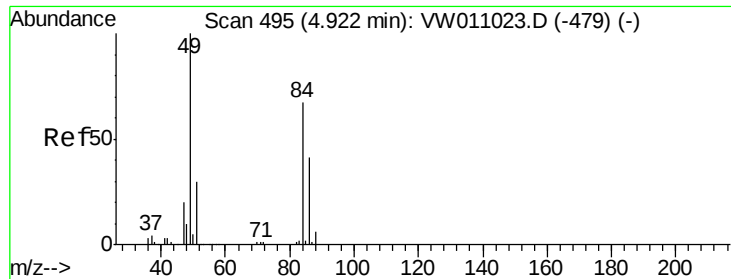
58 23.1 22.5 33.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

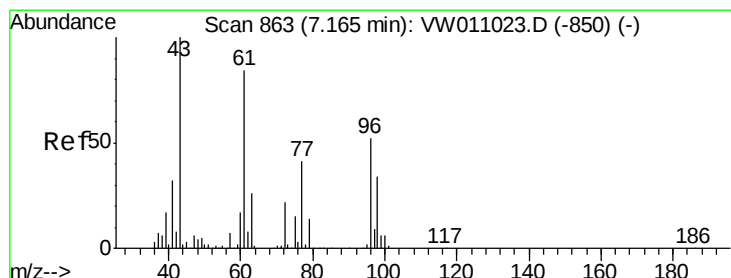
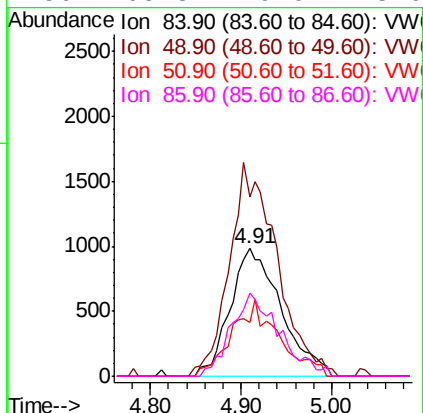
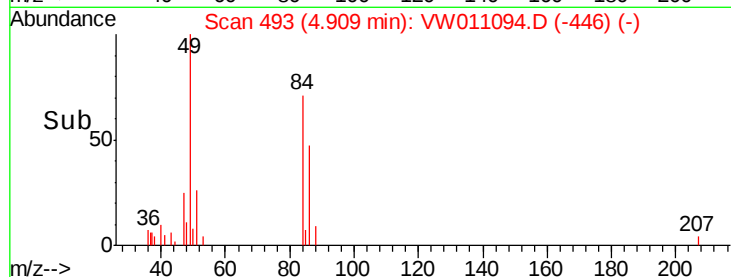
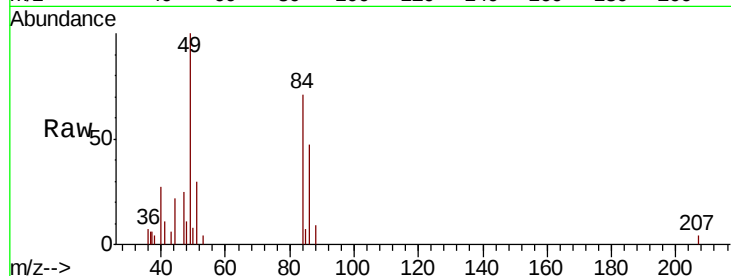




#20
Methylene Chloride
Concen: 1.461 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011094.D
Acq: 01 Jul 2019 19:22

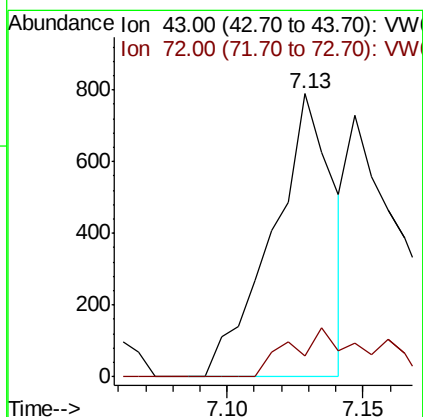
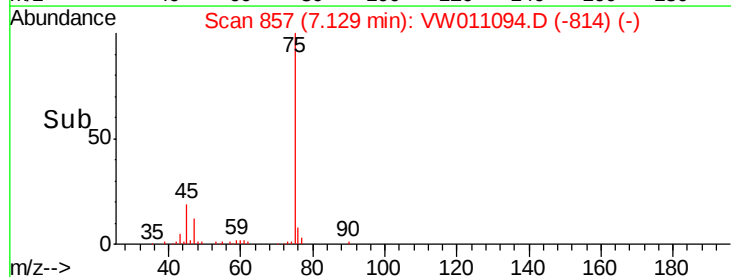
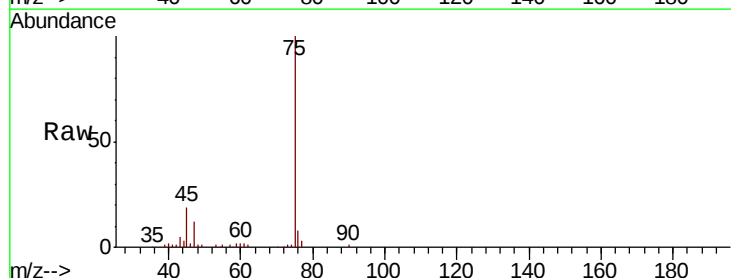
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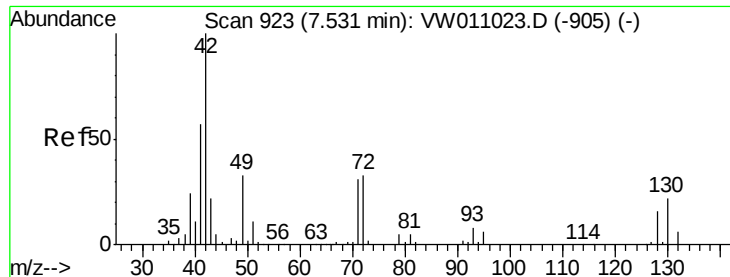
Tot Ion:	84	Resp:	3844
Ion	Ratio	Lower	Upper
84	100		
49	140.2	119.6	179.4
51	41.9	35.6	53.4
86	65.3	49.0	73.6



#25
2-Butanone
Concen: 1.240 ug/l
RT: 7.13 min Scan# 857
Delta R.T. -0.04 min
Lab File: VW011094.D
Acq: 01 Jul 2019 19:22

Tgt Ion:	43	Resp:	1221
Ion	Ratio	Lower	Upper
43	100		
72	7.6	17.2	25.8#

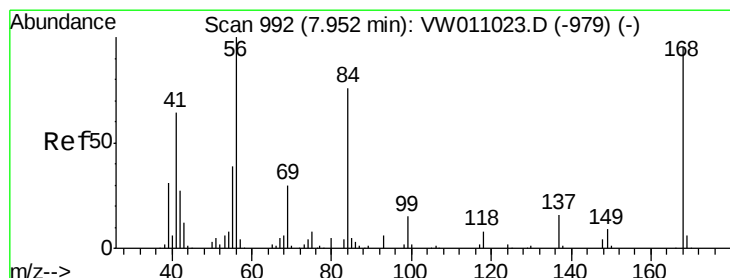
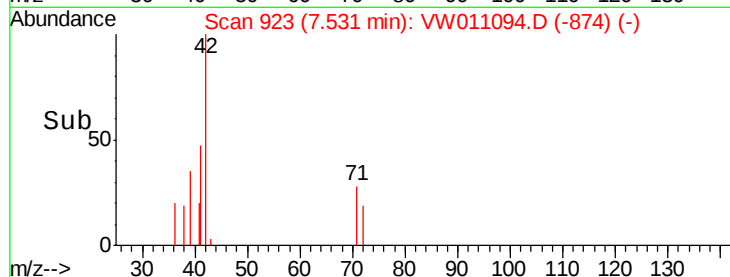
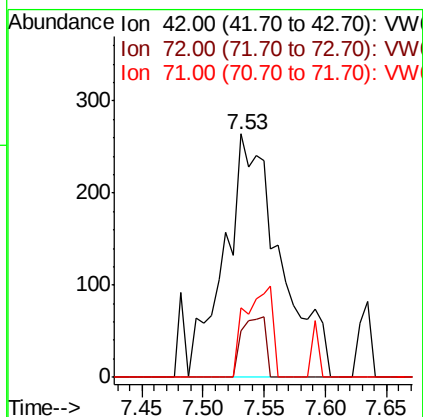
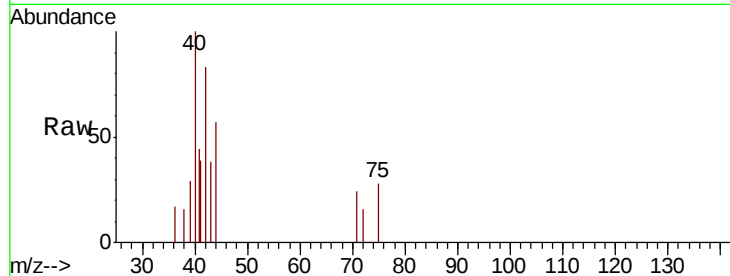




#29
Tetrahydrofuran
Concen: 1.361 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW011094.D
Acq: 01 Jul 2019 19:22

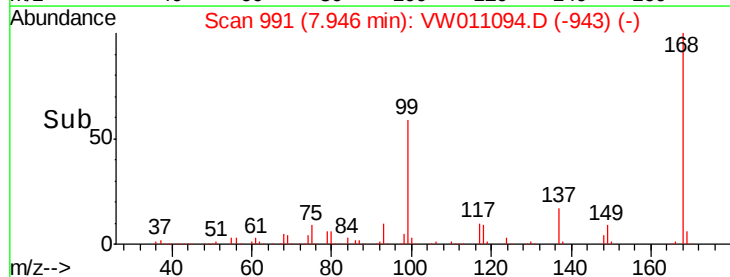
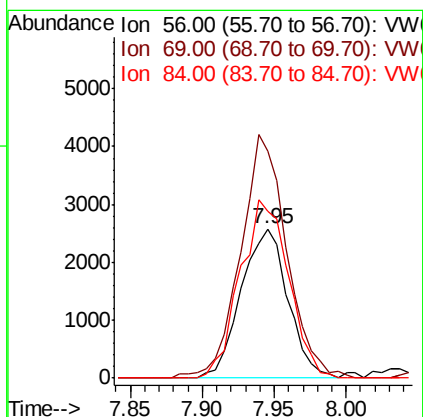
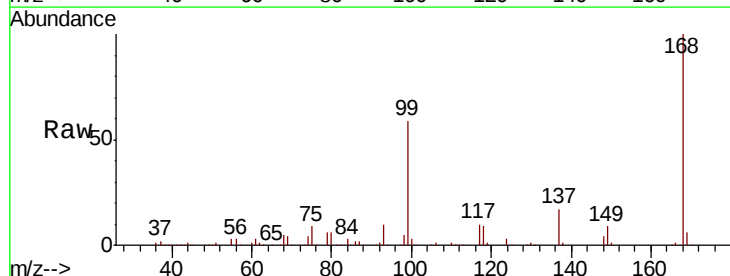
Instrument :
MSVOA_W
ClientSampleId :
VNJ-231-VNJ-236-345

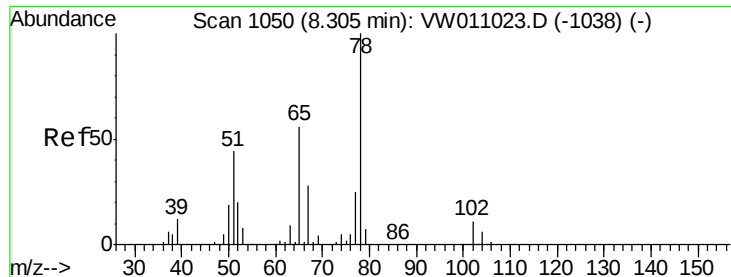
Tot Ion: 42 Resp: 834
Ion Ratio Lower Upper
42 100
72 0.0 27.4 41.0#
71 0.0 25.6 38.4#



#31
Cyclohexane
Concen: 1.146 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW011094.D
Acq: 01 Jul 2019 19:22

Tgt Ion: 56 Resp: 5814
Ion Ratio Lower Upper
56 100
69 148.9 24.2 36.2#
84 117.3 60.6 90.8#

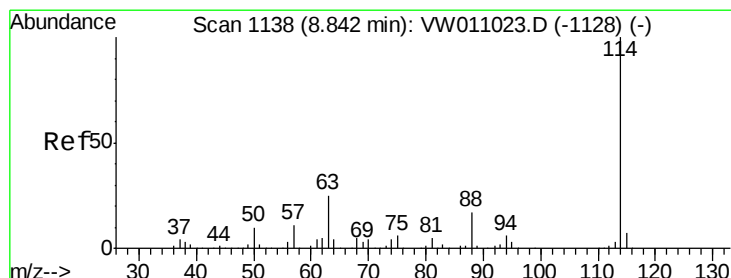
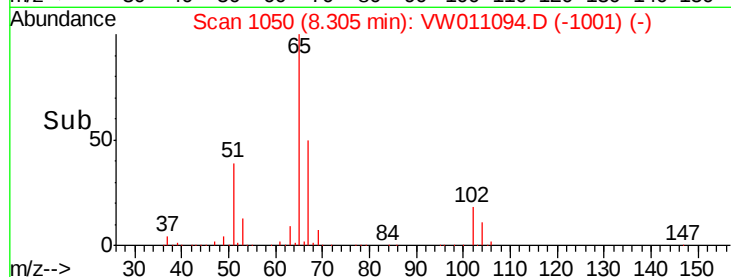
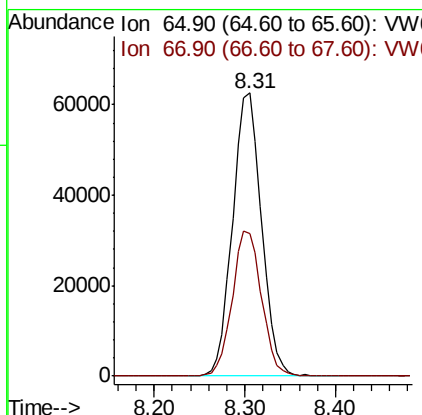
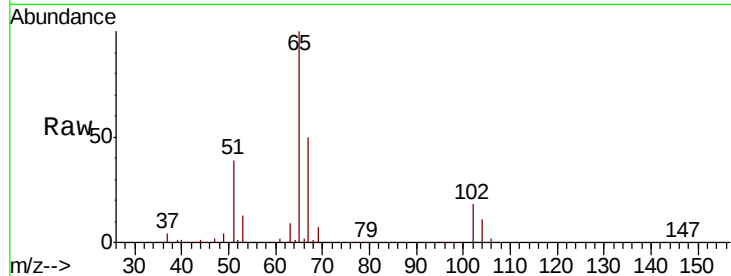




#33
 1,2-Dichloroethane-d4
 Concen: 52.241 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW011094.D
 Acq: 01 Jul 2019 19:22

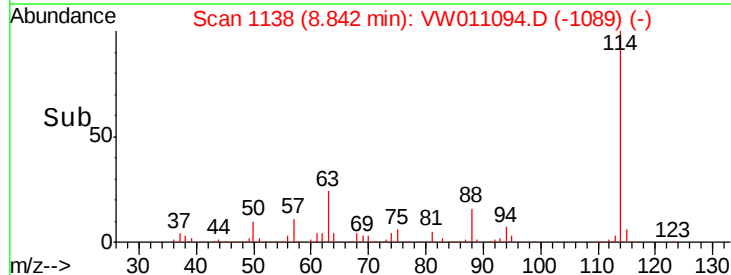
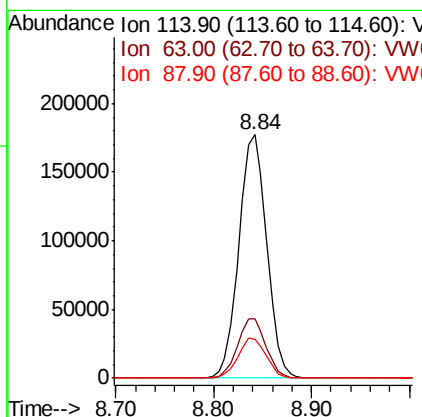
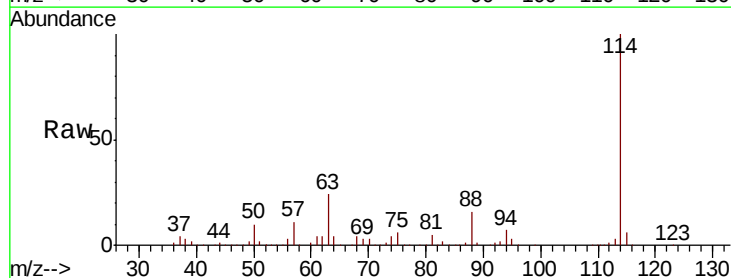
Instrument :
 MSVOA_W
 ClientSampleId :
 VNJ-231-VNJ-236-345

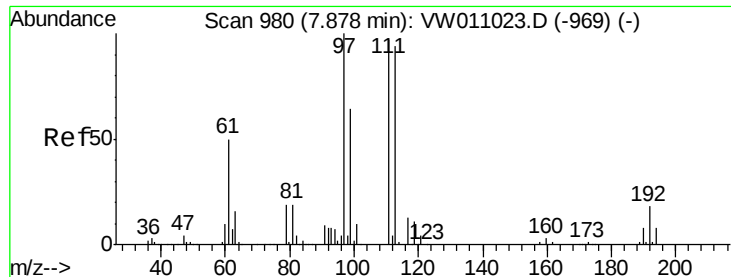
Tot Ion: 65 Resp: 138601
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011094.D
 Acq: 01 Jul 2019 19:22

Tgt Ion: 114 Resp: 350512
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 50.6
 88 16.0 0.0 34.0

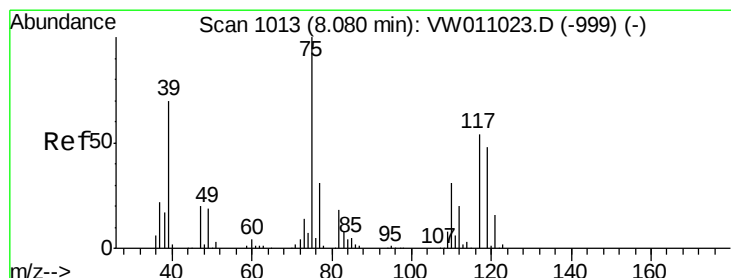
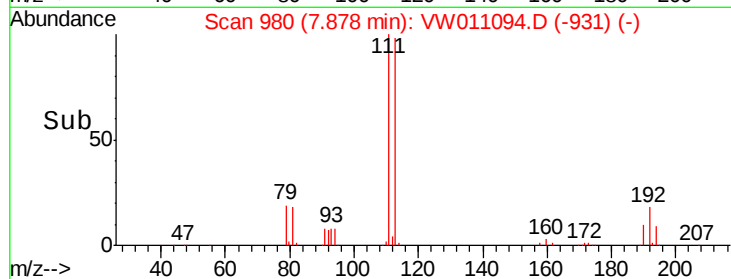
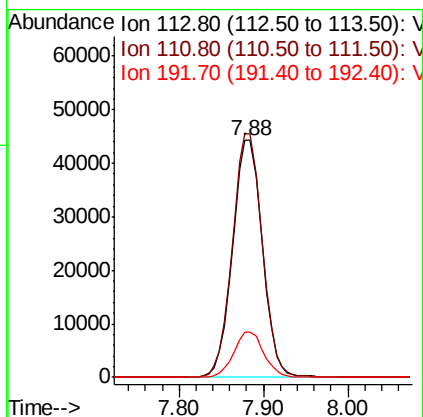
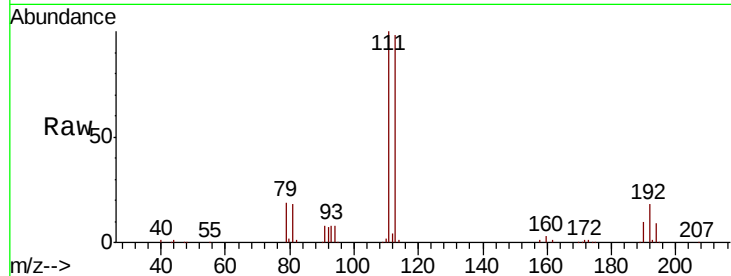




#35
 Dibromofluoromethane
 Concen: 49.385 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW011094.D
 Acq: 01 Jul 2019 19:22

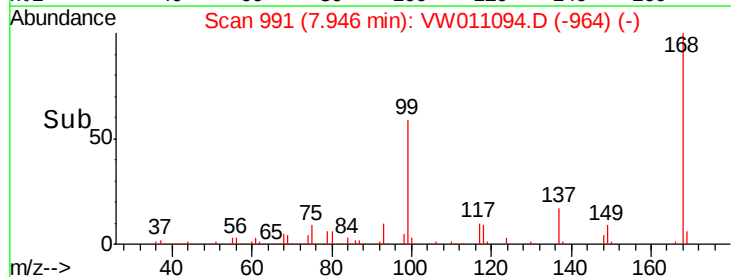
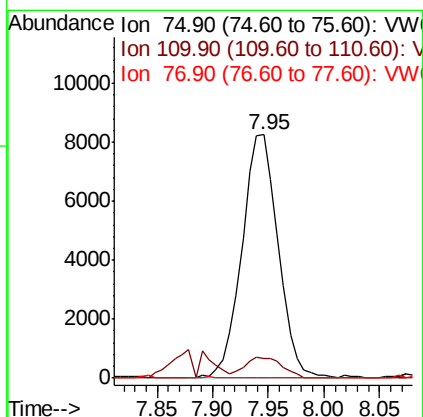
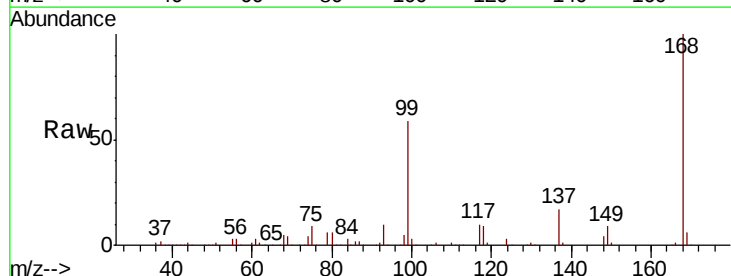
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 VNJ-231-VNJ-236-345

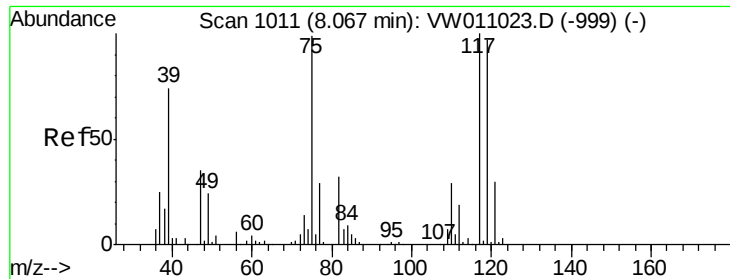
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.8	125.6
192	19.2	16.0	24.0



#36
 1,1-Dichloropropene
 Concen: 4.978 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011094.D
 Acq: 01 Jul 2019 19:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.7	15.5	46.5#
77	0.0	24.9	37.3#

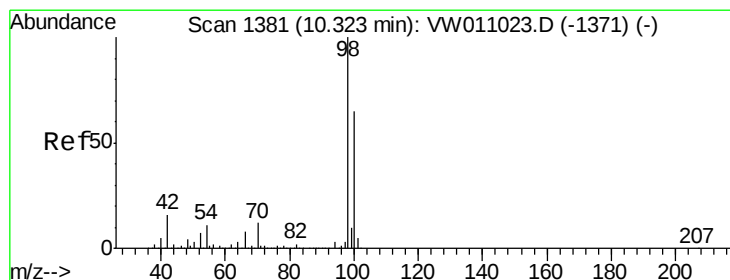
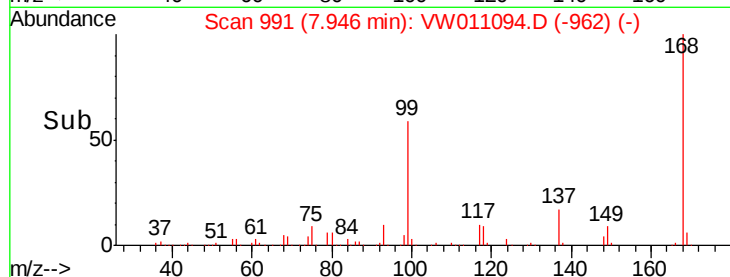
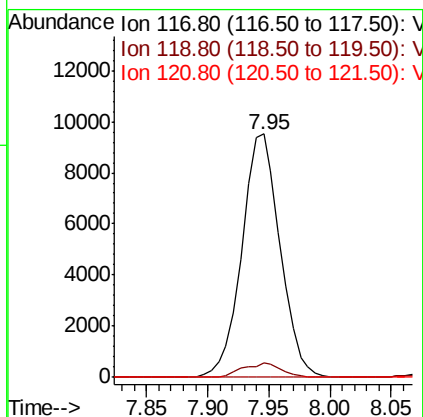
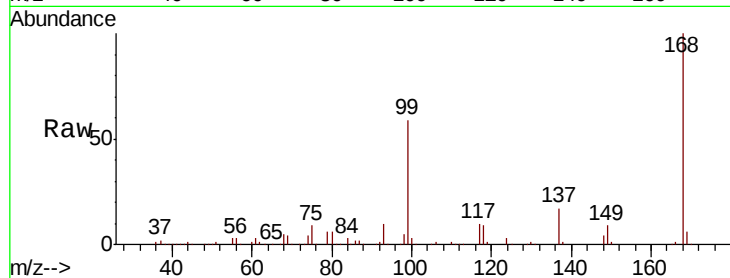




#38
Carbon Tetrachloride
Concen: 6.654 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW011094.D
Acq: 01 Jul 2019 19:22

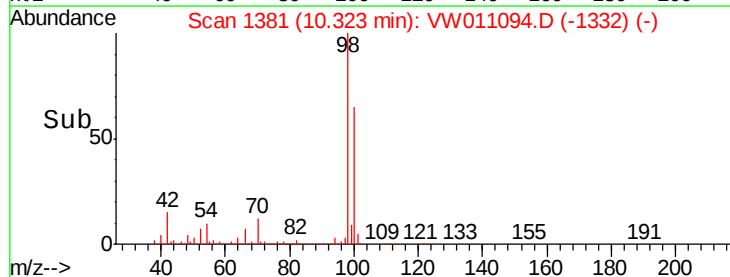
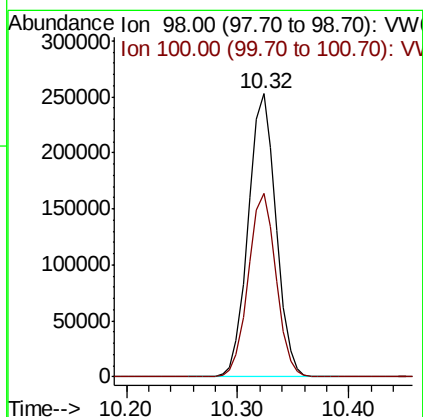
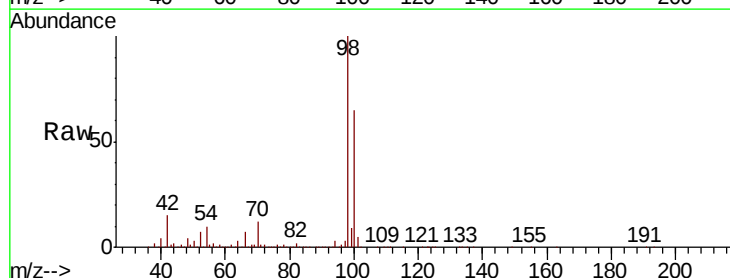
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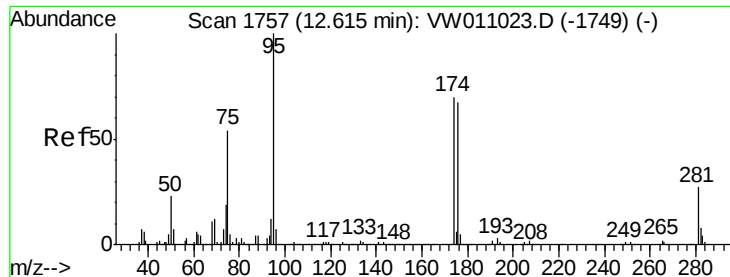
Tot Ion:117 Resp: 20644
Ion Ratio Lower Upper
117 100
119 5.9 77.7 116.5#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 49.966 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011094.D
Acq: 01 Jul 2019 19:22

Tgt Ion: 98 Resp: 440214
Ion Ratio Lower Upper
98 100
100 64.7 52.3 78.5

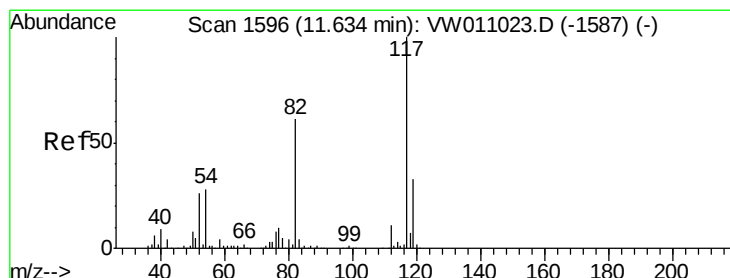
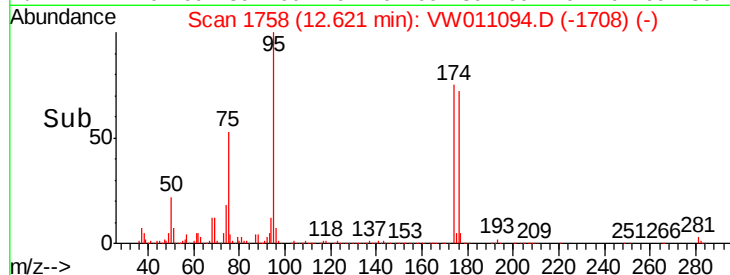
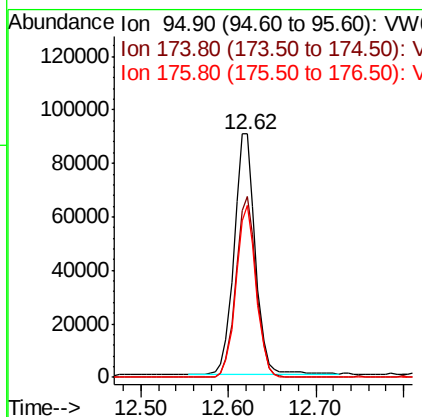
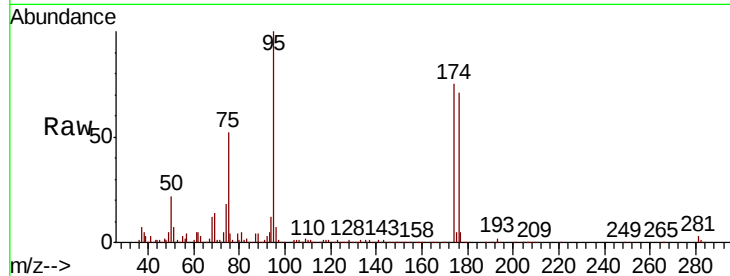




#62
4-Bromofluorobenzene
Concen: 47.454 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW011094.D
Acq: 01 Jul 2019 19:22

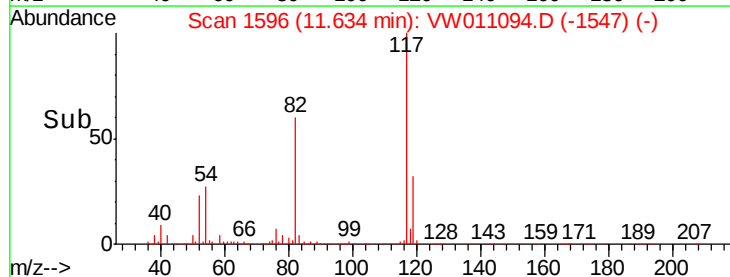
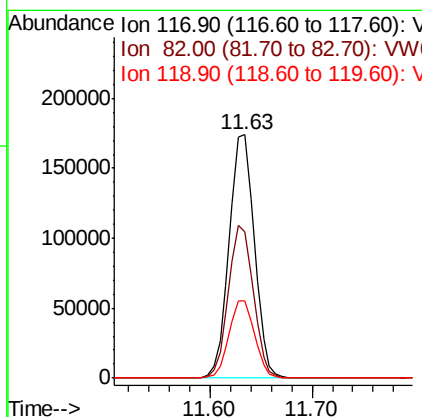
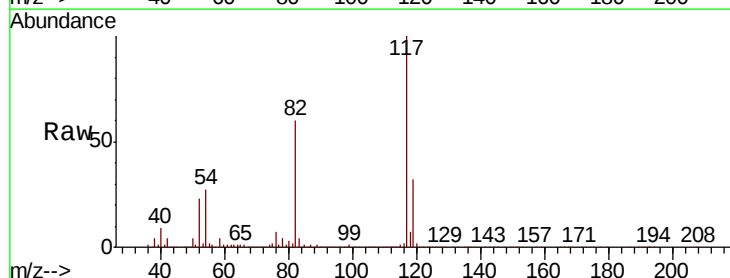
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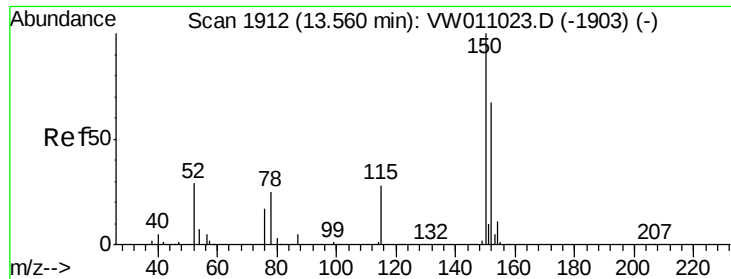
Tot Ion: 95 Resp: 152916
Ion Ratio Lower Upper
95 100
174 72.0 0.0 149.2
176 67.8 0.0 143.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW011094.D
Acq: 01 Jul 2019 19:22

Tgt Ion: 117 Resp: 297440
Ion Ratio Lower Upper
117 100
82 60.0 48.6 73.0
119 31.7 26.1 39.1



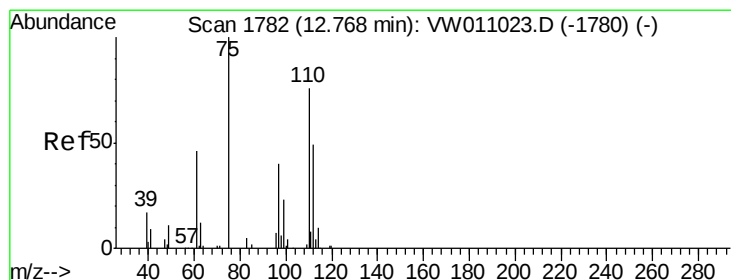
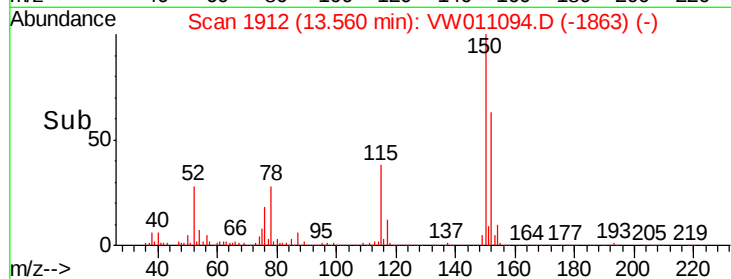
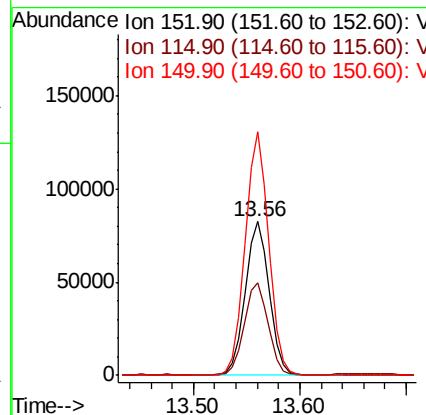
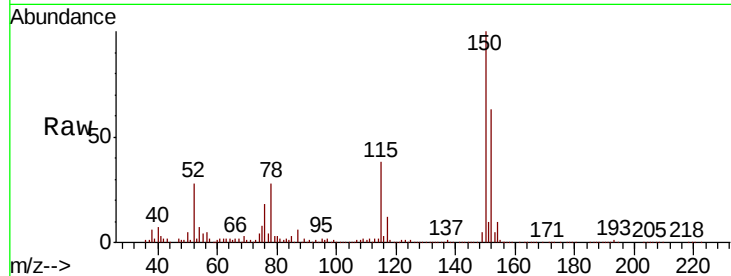


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011094.D
Acq: 01 Jul 2019 19:22

Instrument :
MSVOA_W
ClientSampleId :
VNJ-231-VNJ-236-345

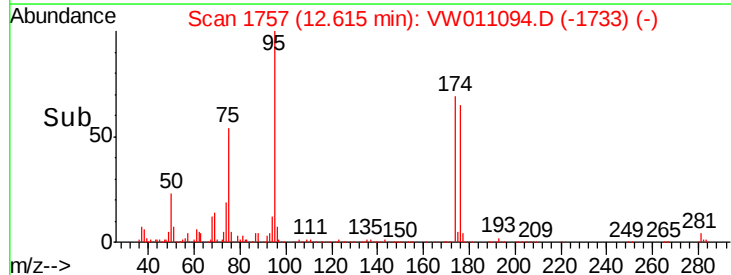
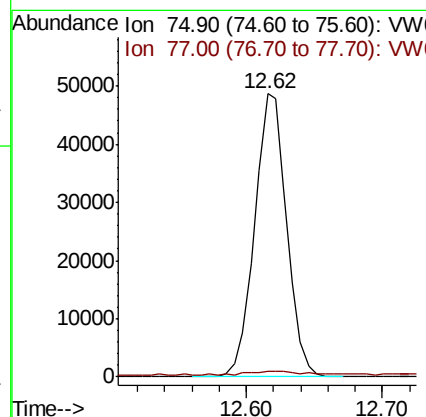
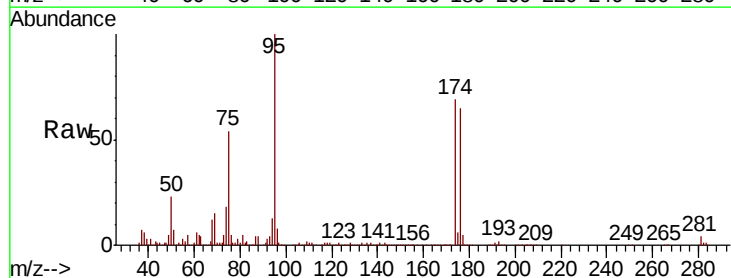
Tot Ion:152 Resp: 130027
Ion Ratio Lower Upper
152 100
115 59.6 30.7 92.1
150 155.1 0.0 341.8

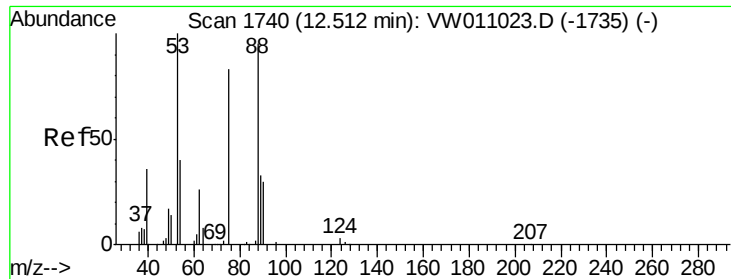


#76

1,2,3-Trichloropropane
Concen: 58.521 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW011094.D
Acq: 01 Jul 2019 19:22

Tgt Ion: 75 Resp: 80335
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 118.404 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011094.D

Acq: 01 Jul 2019 19:22

Instrument :

MSVOA_W

ClientSampleId :

VNJ-231-VNJ-236-345

Tot Ion: 75 Resp: 80335

Ion Ratio Lower Upper

75 100

53 0.2 95.6 143.4#

89 0.1 34.4 51.6#

