

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021524\
 Data File : VD078447.D
 Acq On : 15 Feb 2024 20:29
 Operator : RP/MD
 Sample : P1483-03RE
 Misc : 5.08G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-205RE

Quant Time: Feb 16 02:40:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

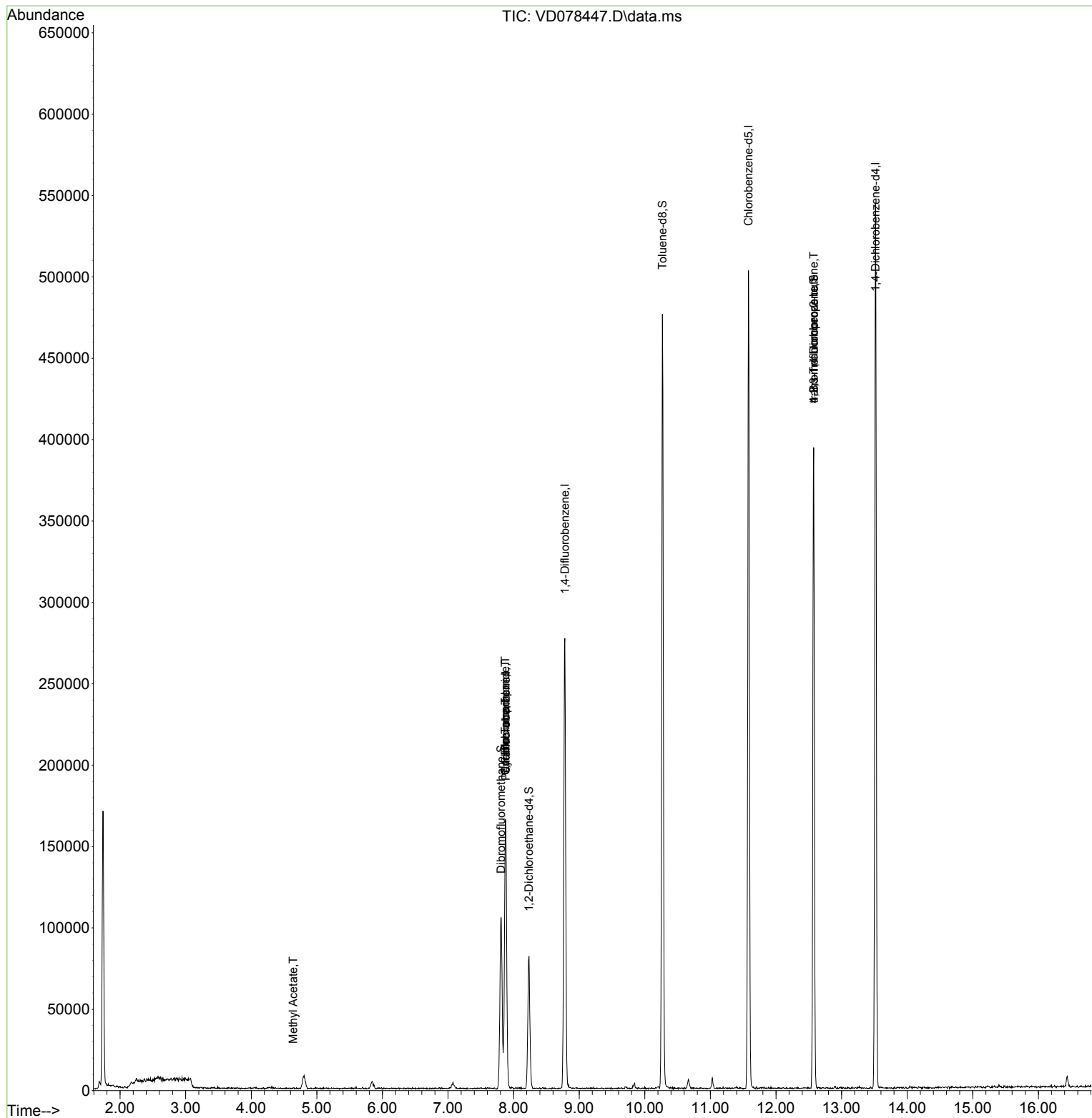
Internal Standards						
1) Pentafluorobenzene	7.881	168	130147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	252448	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	292744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	145127	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	60883	43.265	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.540%
35) Dibromofluoromethane	7.810	113	79200	49.389	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.780%
50) Toluene-d8	10.269	98	325663	50.768	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.540%
62) 4-Bromofluorobenzene	12.575	95	121362	65.013	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	130.020%
Target Compounds						
					Qvalue	
16) Acetone	4.034	43	487	Below Cal	#	32
18) Methyl Acetate	4.640	43	99	4.031	ug/l #	42
31) Cyclohexane	7.875	56	2893	1.215	ug/l #	11
36) 1,1-Dichloropropene	7.875	75	11051	4.436	ug/l #	49
38) Carbon Tetrachloride	7.875	117	12855	5.211	ug/l #	18
76) 1,2,3-Trichloropropane	12.575	75	62982	51.118	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	62982	106.123	ug/l #	17

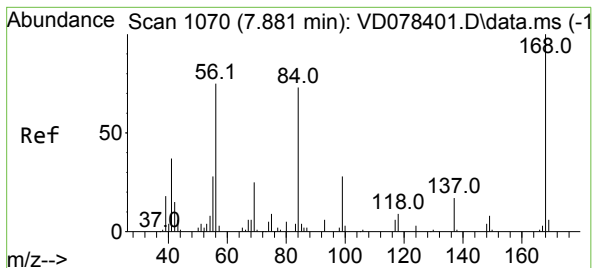
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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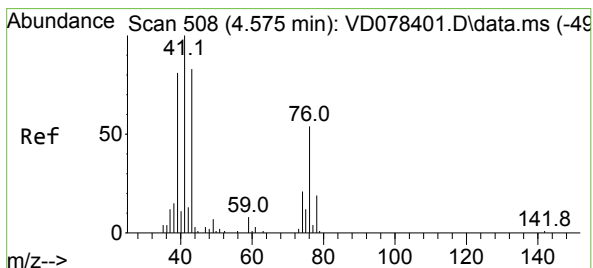
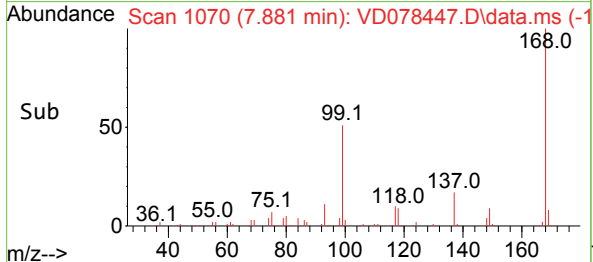
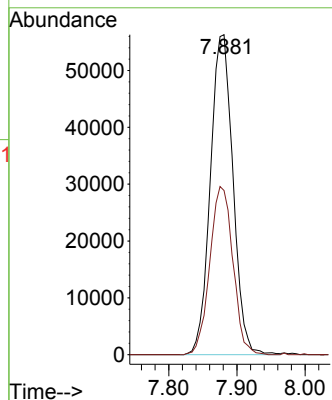
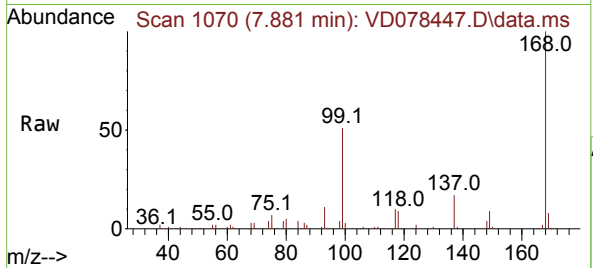




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078447.D
Acq: 15 Feb 2024 20:29

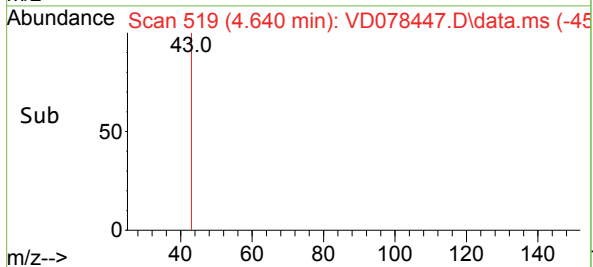
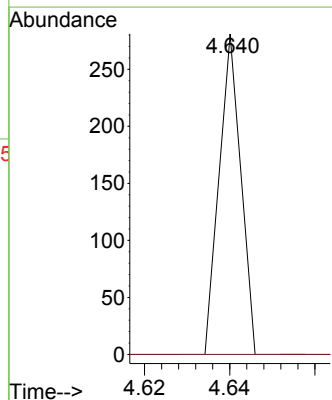
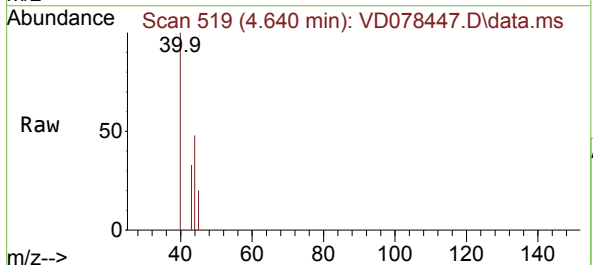
Instrument :
MSVOA_D
ClientSampleId :
VNJ-205RE

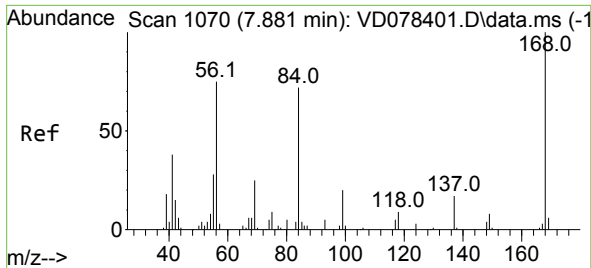
Tgt Ion:168 Resp: 130147
Ion Ratio Lower Upper
168 100
99 51.3 36.7 55.1



#18
Methyl Acetate
Concen: 4.031 ug/l
RT: 4.640 min Scan# 519
Delta R.T. 0.065 min
Lab File: VD078447.D
Acq: 15 Feb 2024 20:29

Tgt Ion: 43 Resp: 99
Ion Ratio Lower Upper
43 100
74 0.0 26.4 39.6#

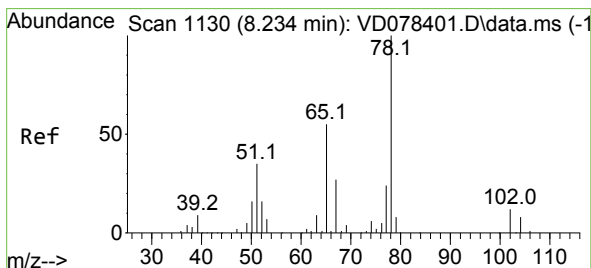
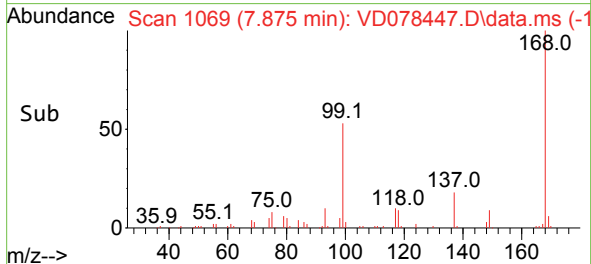
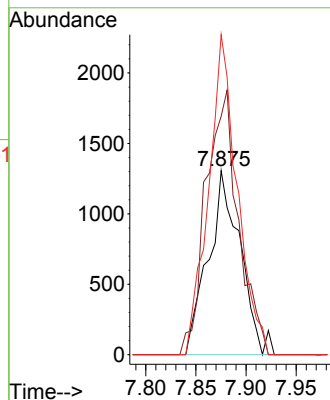
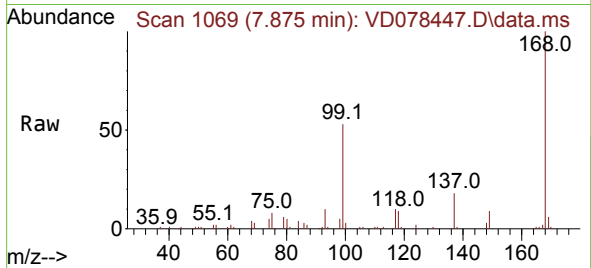




#31
Cyclohexane
Concen: 1.215 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078447.D
Acq: 15 Feb 2024 20:29

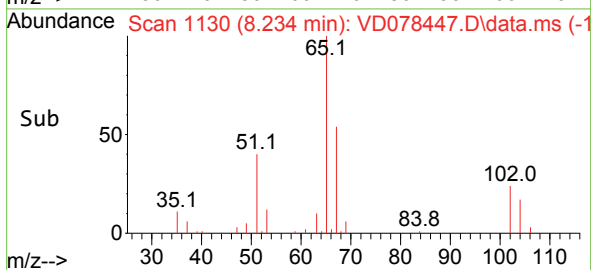
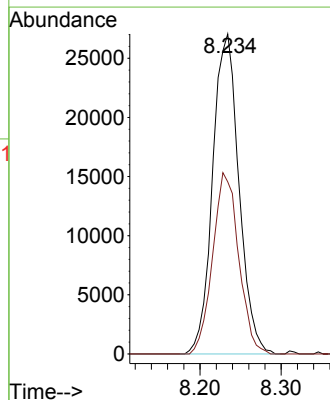
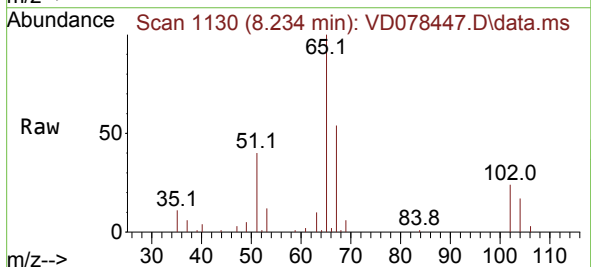
Instrument :
MSVOA_D
ClientSampleId :
VNJ-205RE

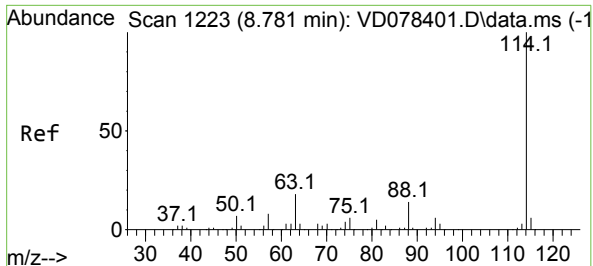
Tgt Ion: 56 Resp: 2893
Ion Ratio Lower Upper
56 100
69 129.5 28.6 43.0#
84 173.8 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 43.265 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078447.D
Acq: 15 Feb 2024 20:29

Tgt Ion: 65 Resp: 60883
Ion Ratio Lower Upper
65 100
67 56.0 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078447.D

Acq: 15 Feb 2024 20:29

Instrument :

MSVOA_D

ClientSampleId :

VNJ-205RE

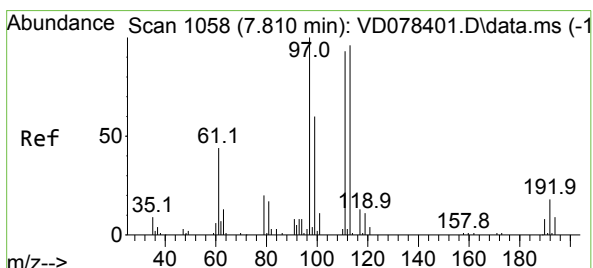
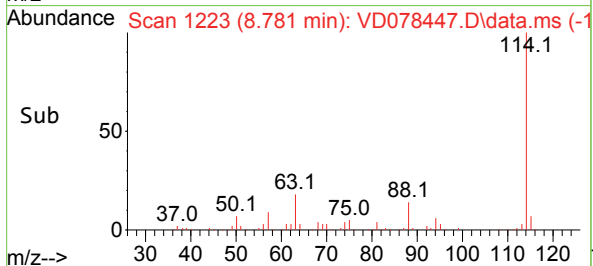
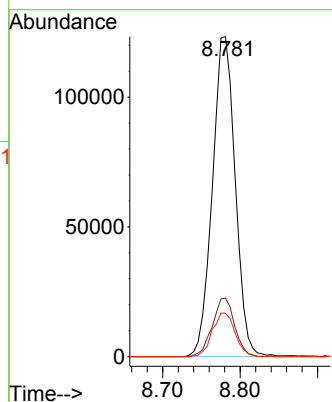
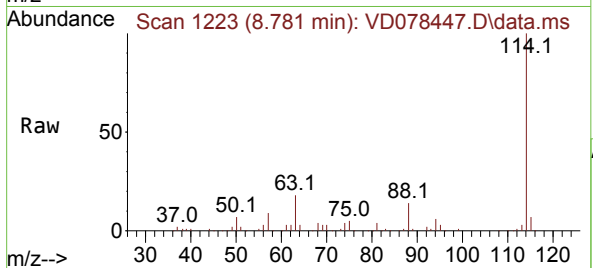
Tgt Ion:114 Resp: 252448

Ion Ratio Lower Upper

114 100

63 18.3 0.0 33.4

88 13.6 0.0 26.2



#35

Dibromofluoromethane

Concen: 49.389 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078447.D

Acq: 15 Feb 2024 20:29

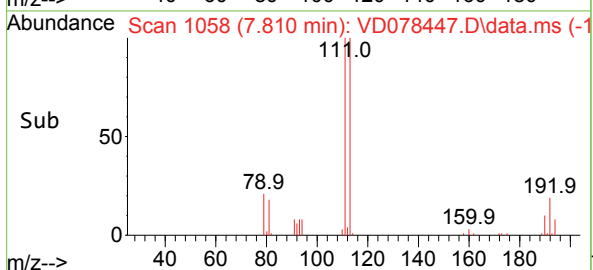
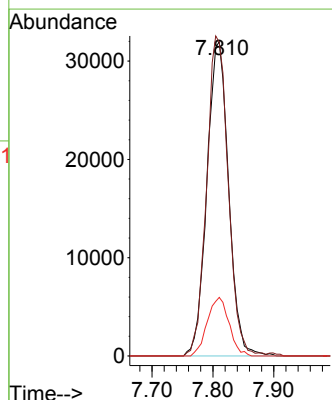
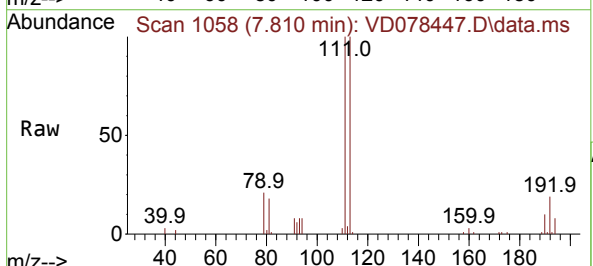
Tgt Ion:113 Resp: 79200

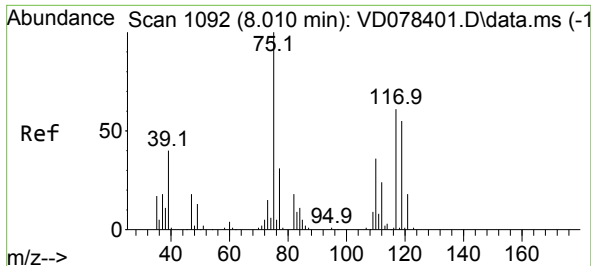
Ion Ratio Lower Upper

113 100

111 101.0 84.7 127.1

192 18.7 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.436 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD078447.D

Acq: 15 Feb 2024 20:29

Instrument :

MSVOA_D

ClientSampleId :

VNJ-205RE

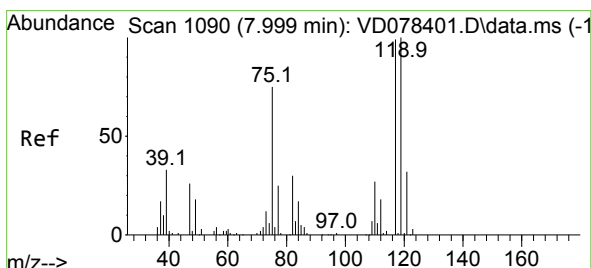
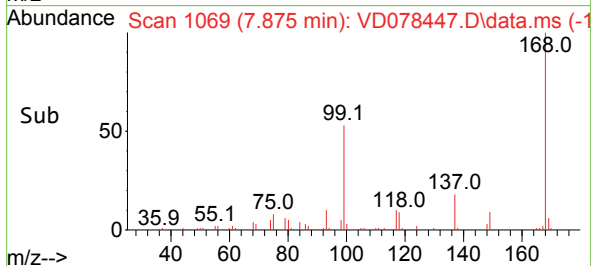
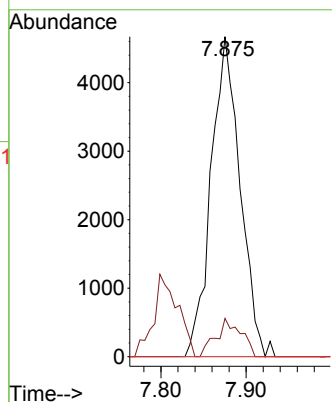
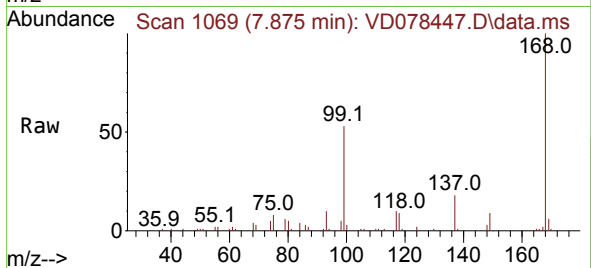
Tgt Ion: 75 Resp: 11051

Ion Ratio Lower Upper

75 100

110 10.3 19.9 59.6#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.211 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.123 min

Lab File: VD078447.D

Acq: 15 Feb 2024 20:29

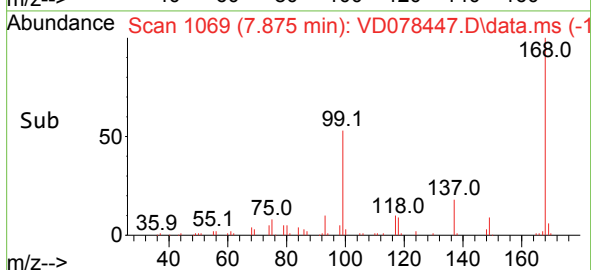
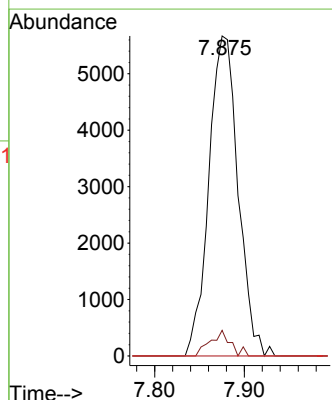
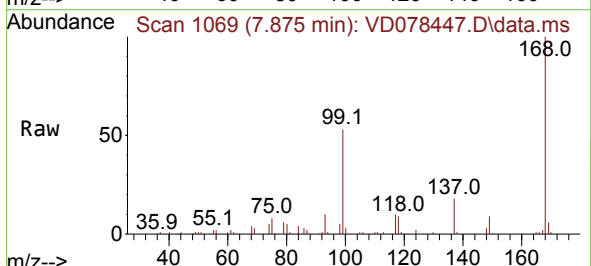
Tgt Ion: 117 Resp: 12855

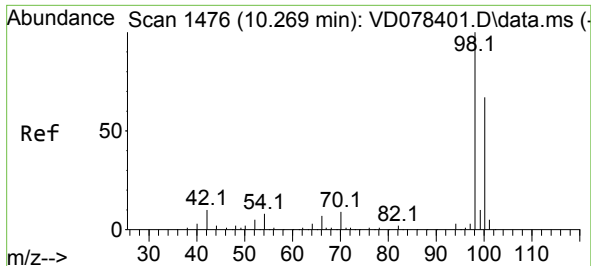
Ion Ratio Lower Upper

117 100

119 8.0 78.0 117.0#

121 0.0 24.2 36.2#

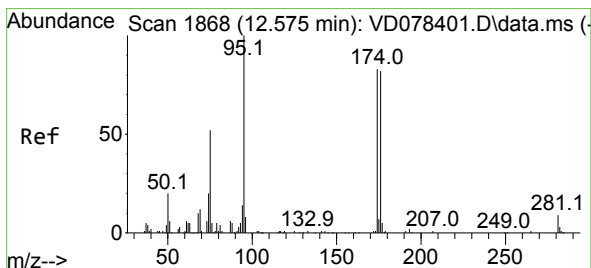
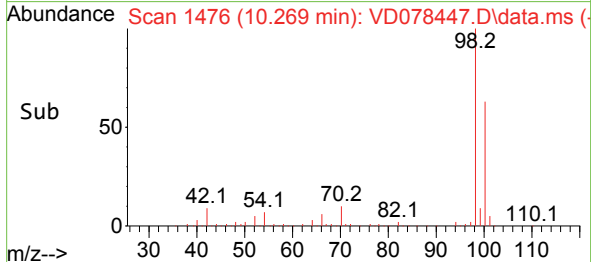
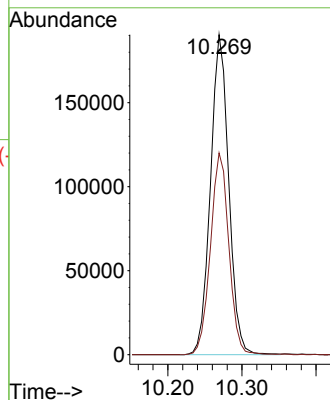
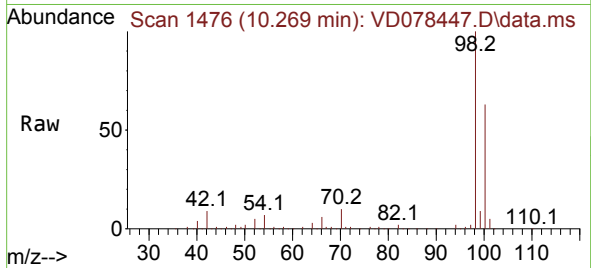




#50
Toluene-d8
Concen: 50.768 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078447.D
Acq: 15 Feb 2024 20:29

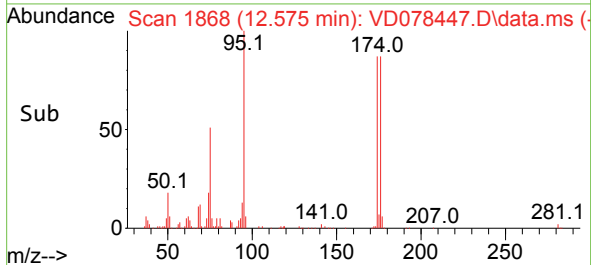
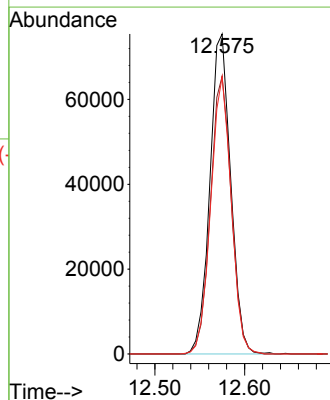
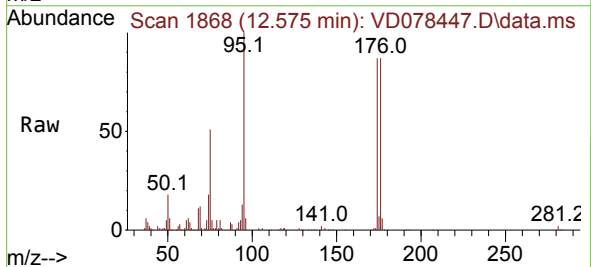
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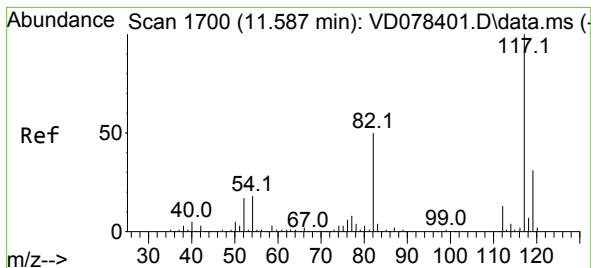
Tgt Ion: 98 Resp: 325663
Ion Ratio Lower Upper
98 100
100 63.6 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 65.013 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078447.D
Acq: 15 Feb 2024 20:29

Tgt Ion: 95 Resp: 121362
Ion Ratio Lower Upper
95 100
174 86.7 0.0 201.8
176 85.0 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078447.D

Acq: 15 Feb 2024 20:29

Instrument :

MSVOA_D

ClientSampleId :

VNJ-205RE

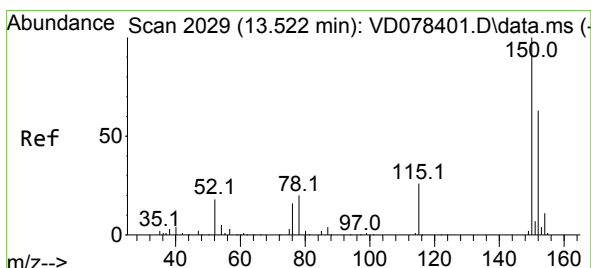
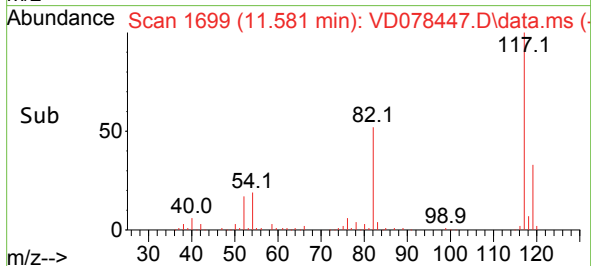
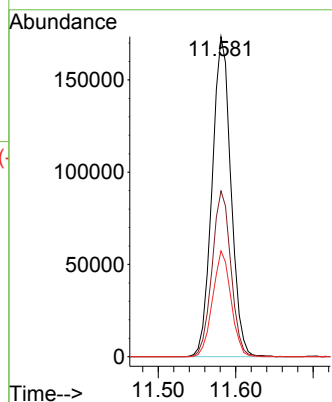
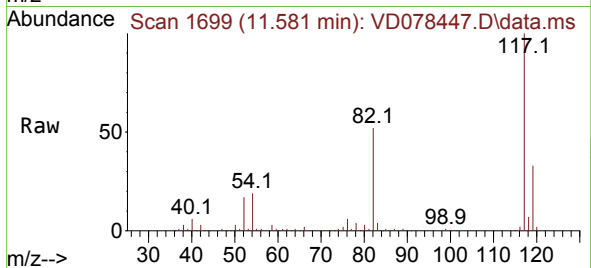
Tgt Ion:117 Resp: 292744

Ion Ratio Lower Upper

117 100

82 51.8 38.3 57.5

119 33.0 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.006 min

Lab File: VD078447.D

Acq: 15 Feb 2024 20:29

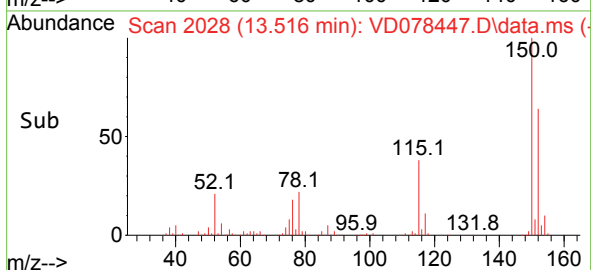
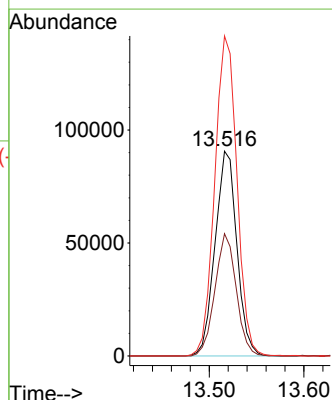
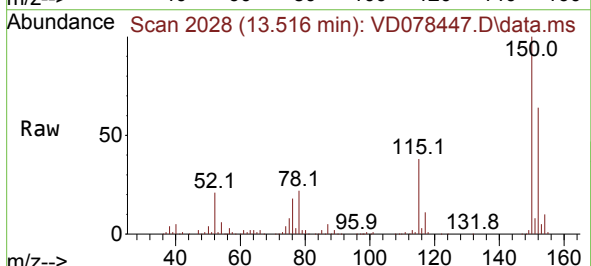
Tgt Ion:152 Resp: 145127

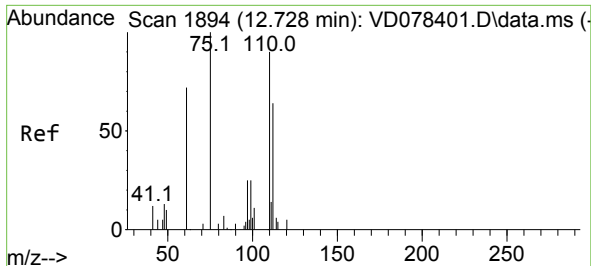
Ion Ratio Lower Upper

152 100

115 58.3 27.1 81.3

150 159.0 0.0 353.6

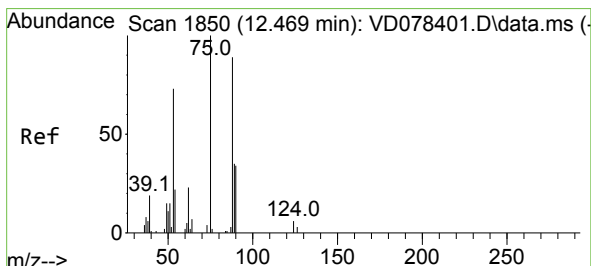
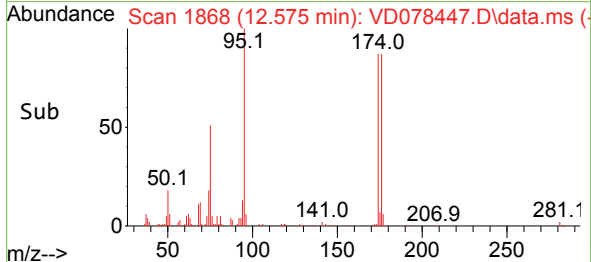
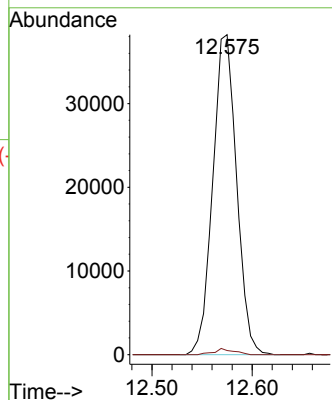
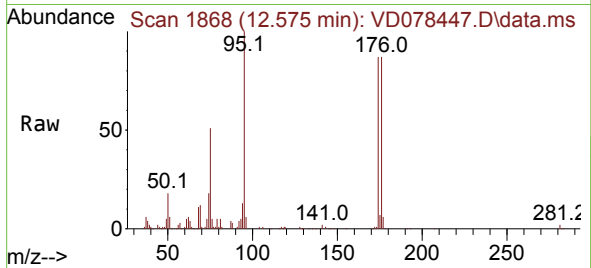




#76
1,2,3-Trichloropropane
Concen: 51.118 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD078447.D
Acq: 15 Feb 2024 20:29

Instrument :
MSVOA_D
ClientSampleId :
VNJ-205RE

Tgt Ion: 75 Resp: 62982
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.123 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078447.D
Acq: 15 Feb 2024 20:29

Tgt Ion: 75 Resp: 62982
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

