

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081922\
 Data File : VD074167.D
 Acq On : 20 Aug 2022 00:13
 Operator : VA/SY
 Sample : N4257-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-210

Quant Time: Aug 20 01:31:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 19 09:25:06 2022
 Response via : Initial Calibration

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

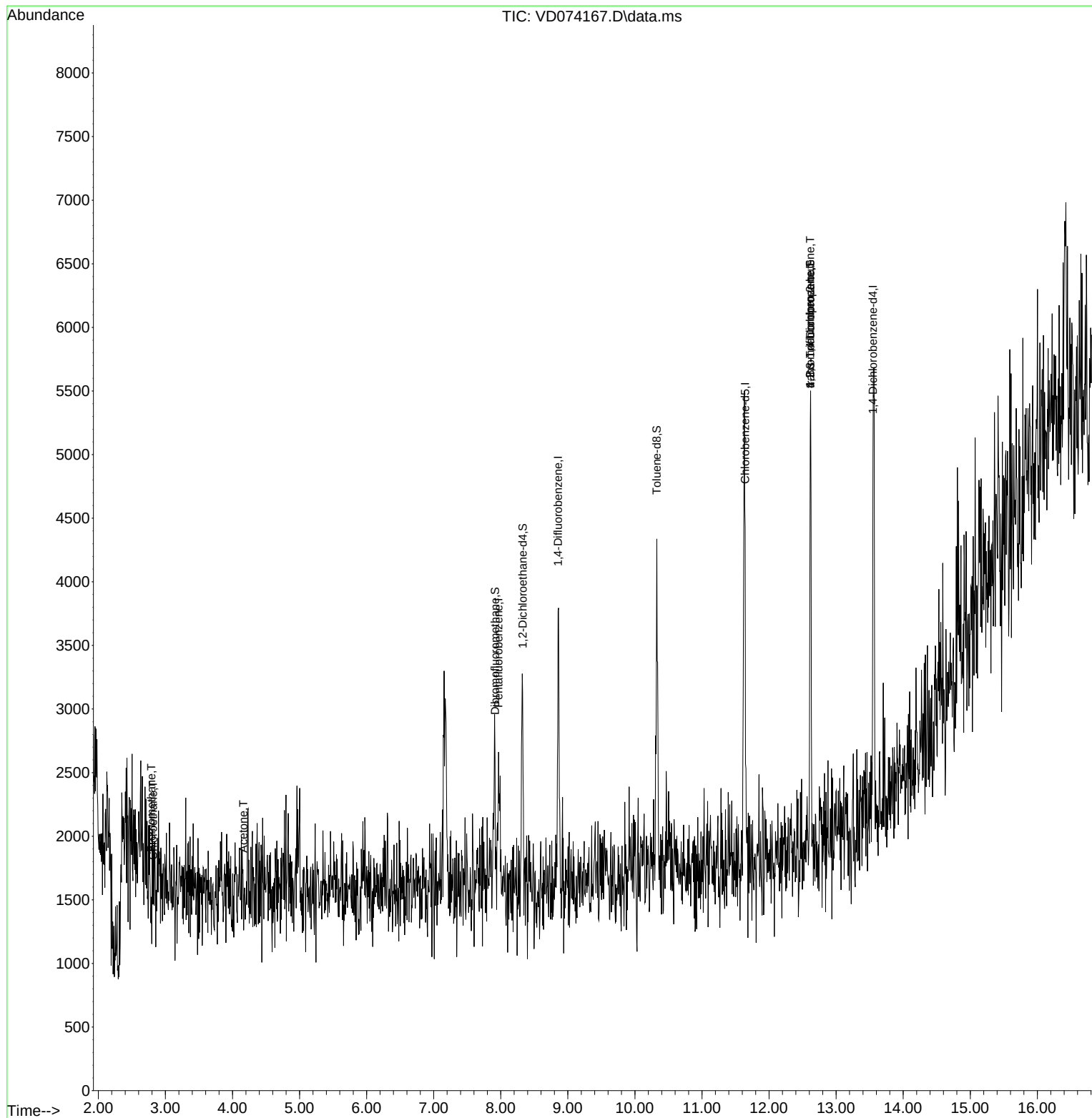
Internal Standards						
1) Pentafluorobenzene	7.967	168	1191	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.855	114	2283	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	2653	50.000	ug/l	# 0.01
72) 1,4-Dichlorobenzene-d4	13.549	152	1190	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	1206	147.961	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 295.920%#		
35) Dibromofluoromethane	7.914	113	917	84.837	ug/l	0.01
Spiked Amount	50.000	Range 54 - 147	Recovery	= 169.680%#		
50) Toluene-d8	10.326	98	1920	62.871	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 125.740%		
62) 4-Bromofluorobenzene	12.614	95	1223	71.592	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 143.180%		
Target Compounds						
						Qvalue
5) Bromomethane	2.791	94	60	9.961	ug/l	# 1
6) Chloroethane	2.815	64	58	9.451	ug/l	# 42
16) Acetone	4.162	43	220	85.739	ug/l	# 47
20) Methylene Chloride	4.962	84	147	Below Cal	#	44
76) 1,2,3-Trichloropropane	12.614	75	746	60.535	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.614	75	746	158.404	ug/l	# 7

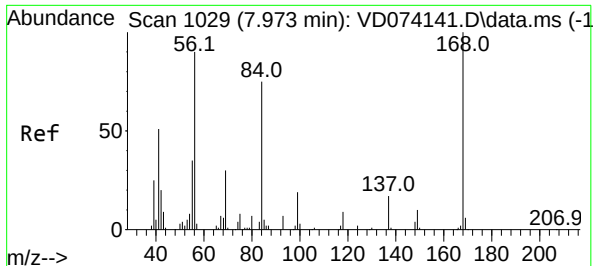
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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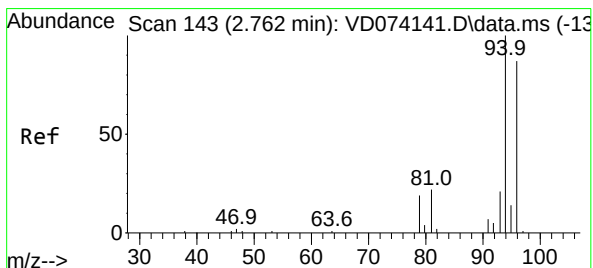
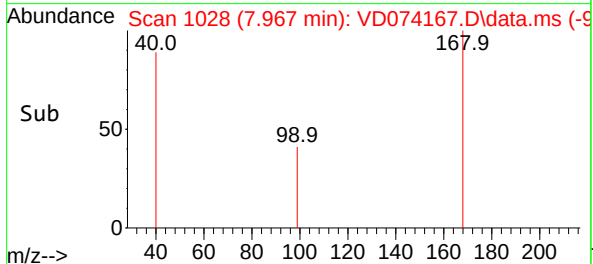
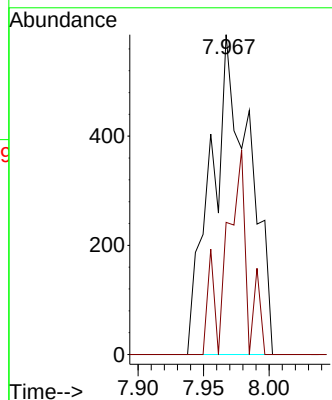
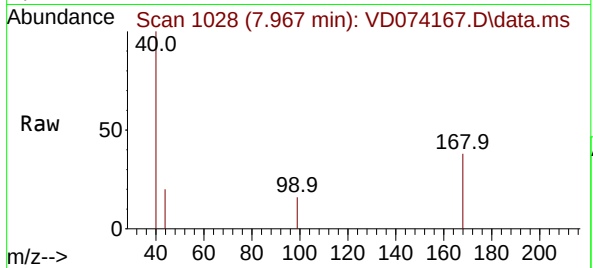




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD074167.D
Acq: 20 Aug 2022 00:13

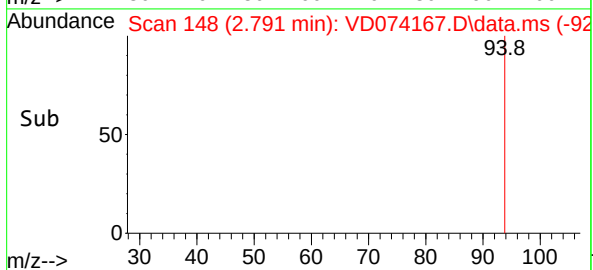
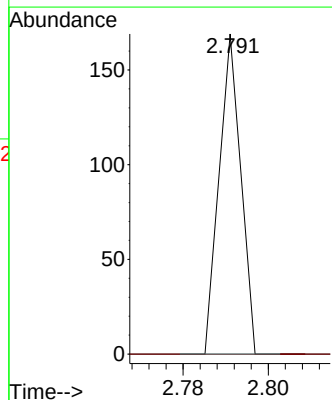
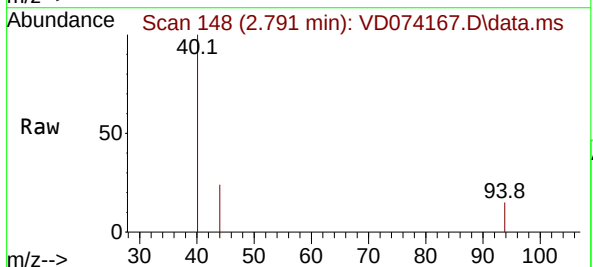
Instrument :
MSVOA_D
ClientSampleId :
VNJ-210

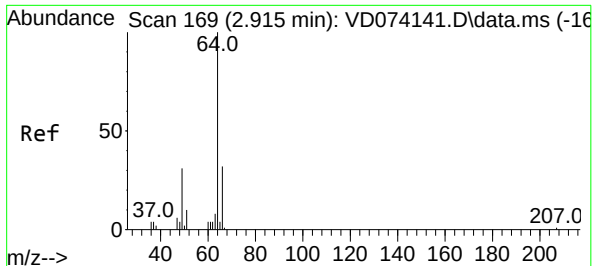
Tgt Ion:168 Resp: 1191
Ion Ratio Lower Upper
168 100
99 41.3 49.8 74.6#



#5
Bromomethane
Concen: 9.961 ug/l
RT: 2.791 min Scan# 148
Delta R.T. 0.029 min
Lab File: VD074167.D
Acq: 20 Aug 2022 00:13

Tgt Ion: 94 Resp: 60
Ion Ratio Lower Upper
94 100
96 0.0 77.6 116.4#

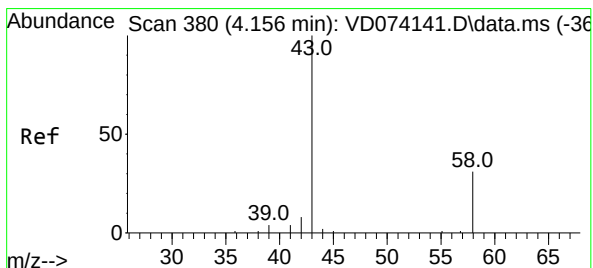
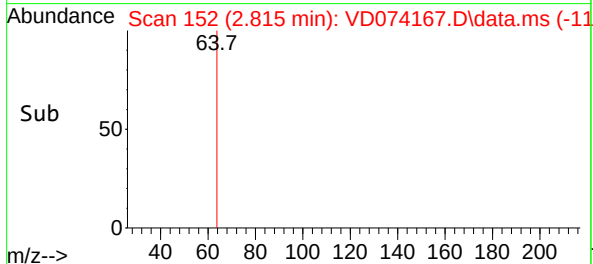
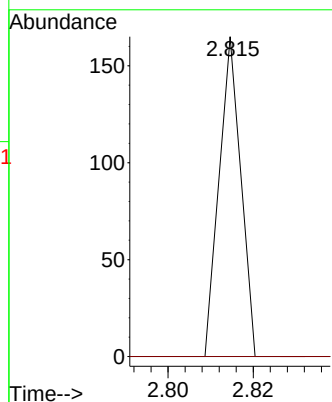
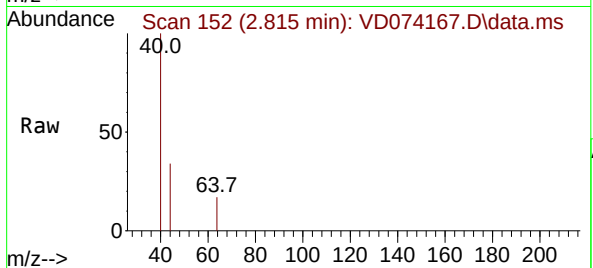




#6
Chloroethane
Concen: 9.451 ug/l
RT: 2.815 min Scan# 11
Delta R.T. -0.100 min
Lab File: VD074167.D
Acq: 20 Aug 2022 00:13

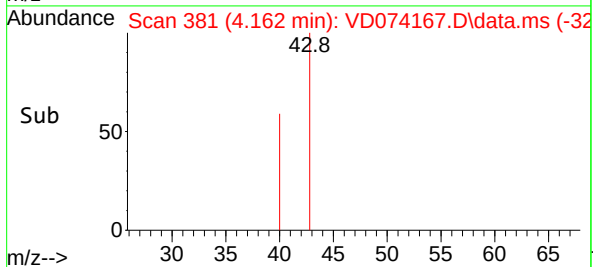
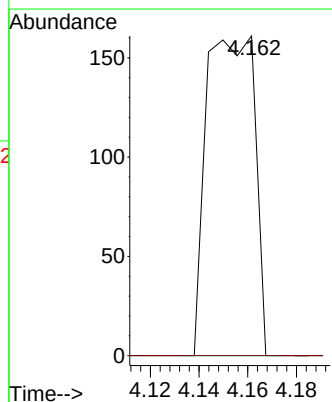
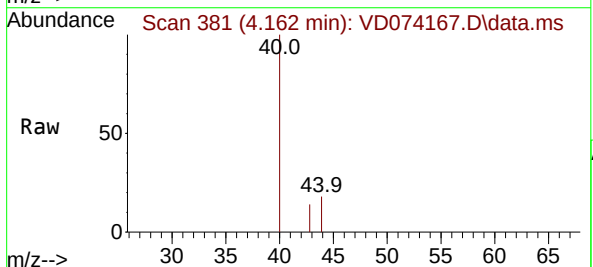
Instrument :
MSVOA_D
ClientSampleId :
VNJ-210

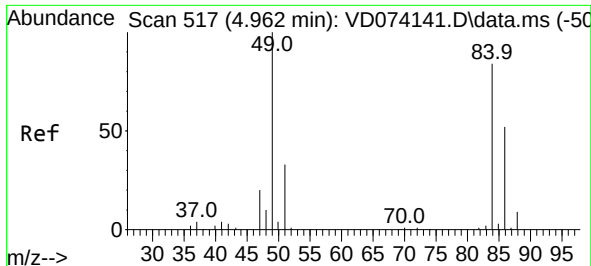
Tgt Ion: 64 Resp: 58
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#



#16
Acetone
Concen: 85.739 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD074167.D
Acq: 20 Aug 2022 00:13

Tgt Ion: 43 Resp: 220
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.962 min Scan# 517

Delta R.T. -0.000 min

Lab File: VD074167.D

Acq: 20 Aug 2022 00:13

Instrument :

MSVOA_D

ClientSampleId :

VNJ-210

Tgt Ion: 84 Resp: 147

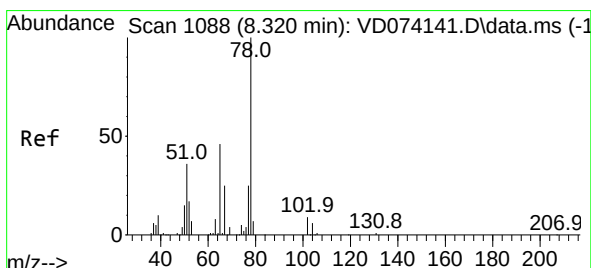
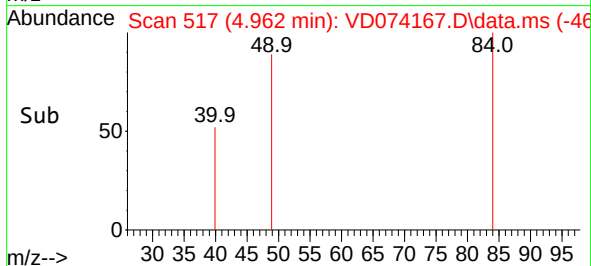
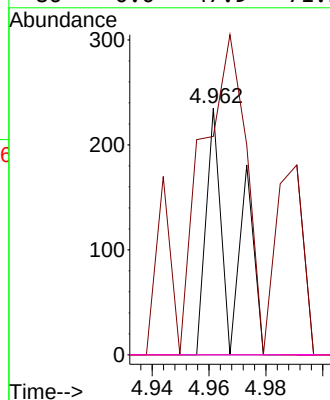
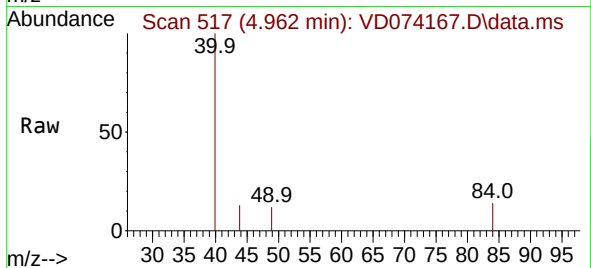
Ion Ratio Lower Upper

84 100

49 88.5 112.8 169.2#

51 0.0 32.6 48.8#

86 0.0 47.9 71.9#



#33

1,2-Dichloroethane-d4

Concen: 147.961 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD074167.D

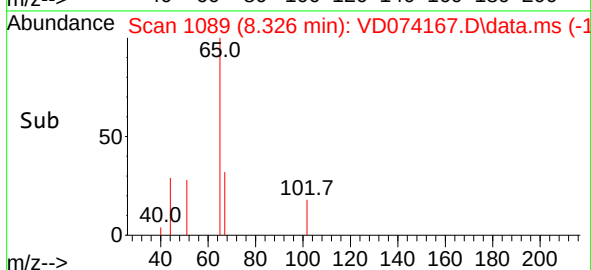
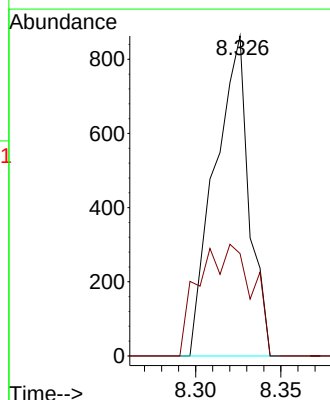
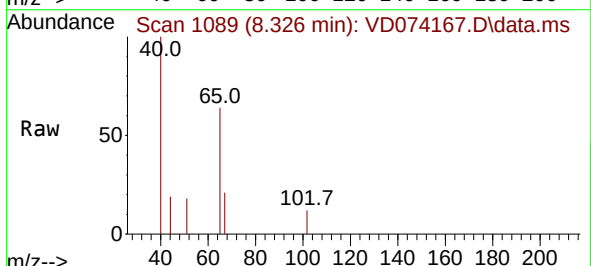
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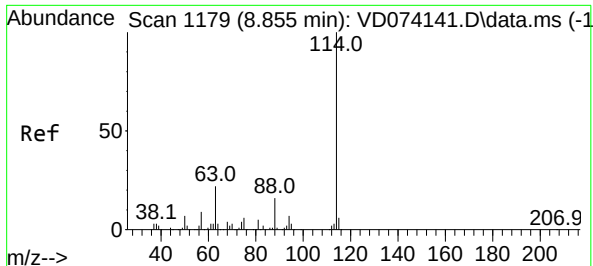
Tgt Ion: 65 Resp: 1206

Ion Ratio Lower Upper

65 100

67 54.3 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD074167.D

Acq: 20 Aug 2022 00:13

Instrument :

MSVOA_D

ClientSampleId :

VNJ-210

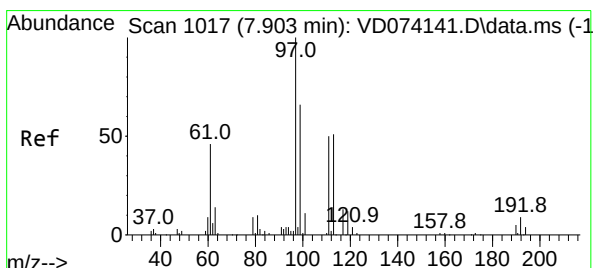
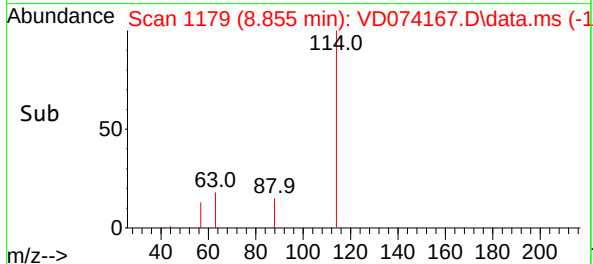
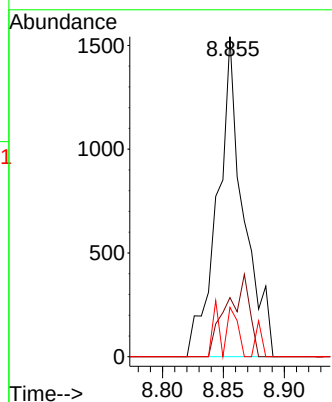
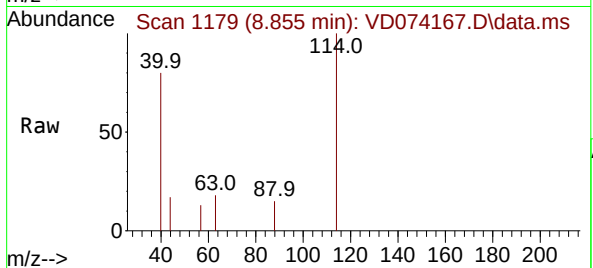
Tgt Ion:114 Resp: 2283

Ion Ratio Lower Upper

114 100

63 18.5 0.0 46.6

88 15.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 84.837 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.011 min

Lab File: VD074167.D

Acq: 20 Aug 2022 00:13

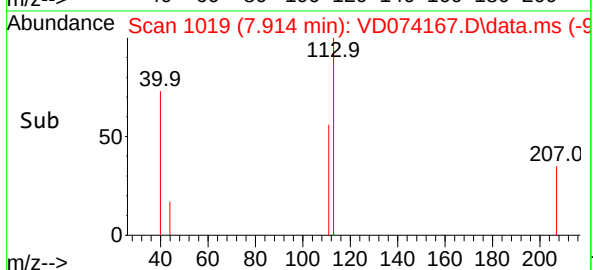
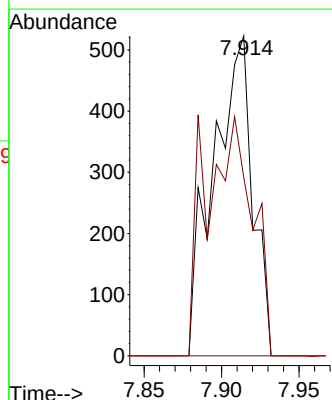
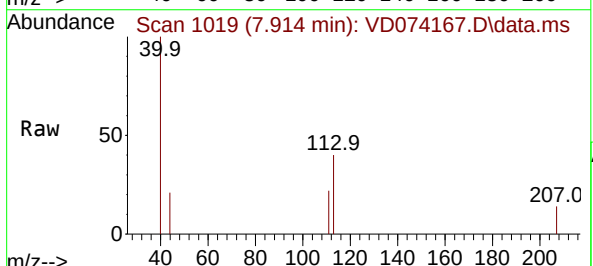
Tgt Ion:113 Resp: 917

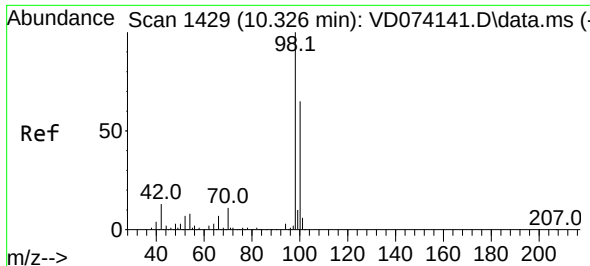
Ion Ratio Lower Upper

113 100

111 0.0 83.8 125.6#

192 0.0 14.6 21.8#

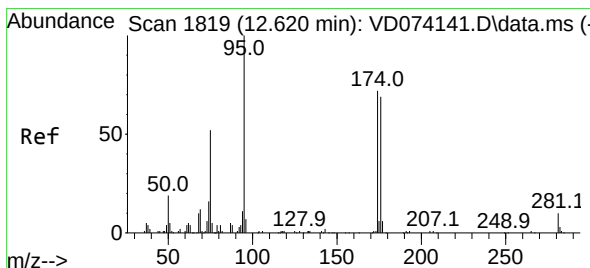
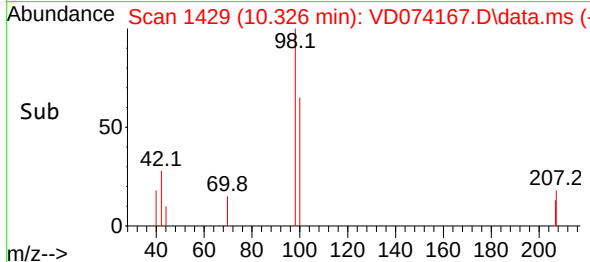
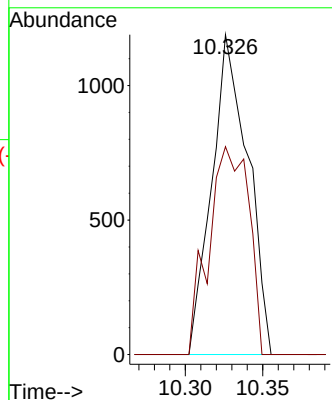
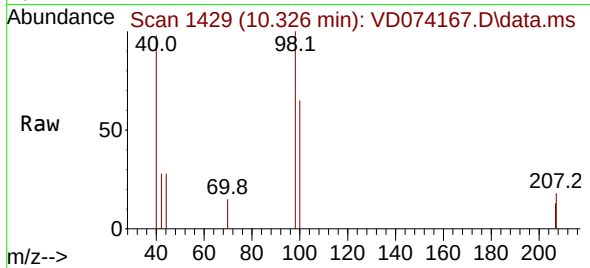




#50
Toluene-d8
Concen: 62.871 ug/l
RT: 10.326 min Scan# 1429
Delta R.T. -0.000 min
Lab File: VD074167.D
Acq: 20 Aug 2022 00:13

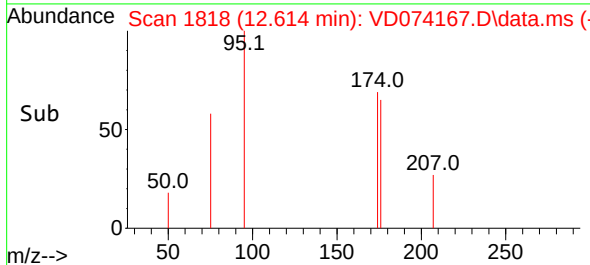
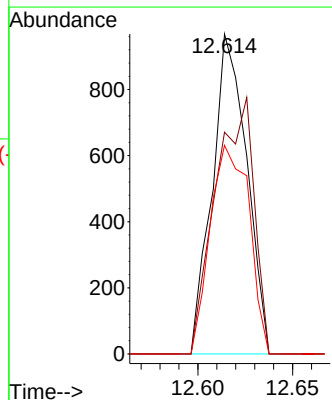
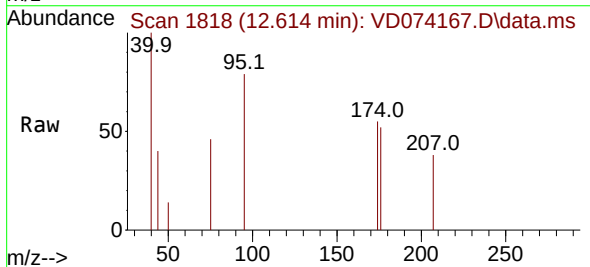
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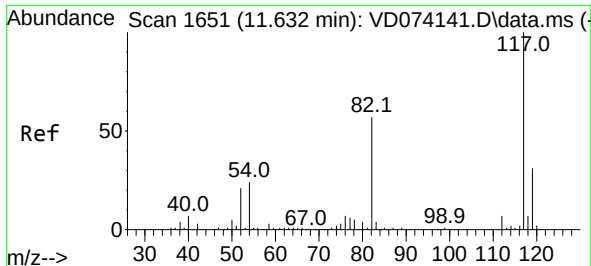
Tgt Ion: 98 Resp: 1920
Ion Ratio Lower Upper
98 100
100 72.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 71.592 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VD074167.D
Acq: 20 Aug 2022 00:13

Tgt Ion: 95 Resp: 1223
Ion Ratio Lower Upper
95 100
174 89.5 0.0 152.8
176 73.8 0.0 145.4

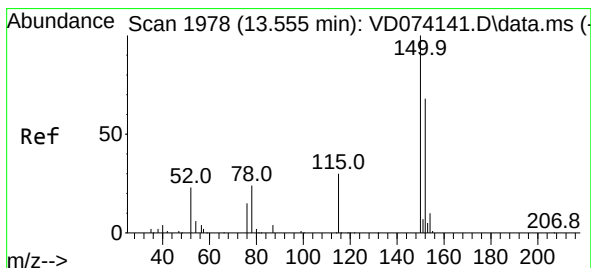
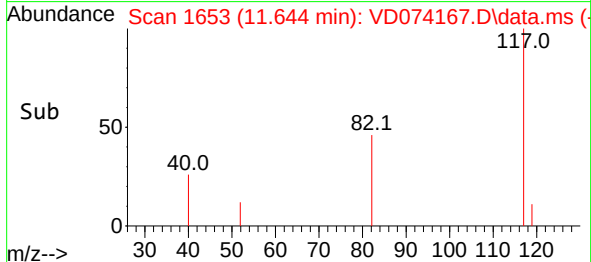
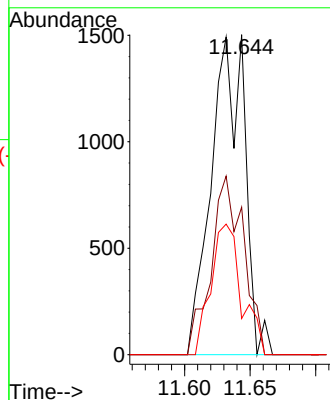
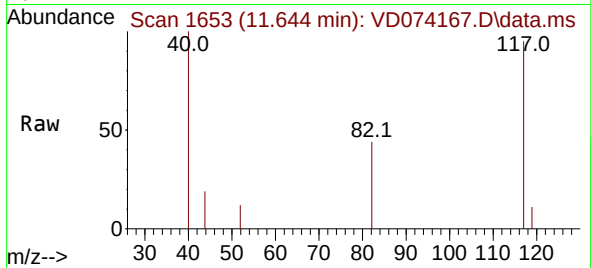




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 11
Delta R.T. 0.011 min
Lab File: VD074167.D
Acq: 20 Aug 2022 00:13

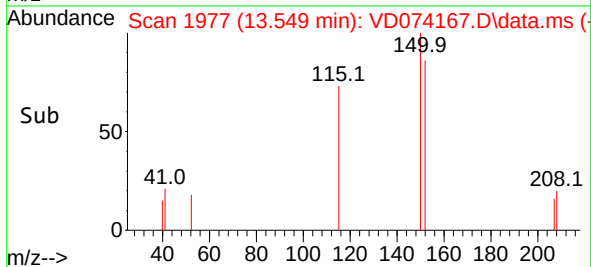
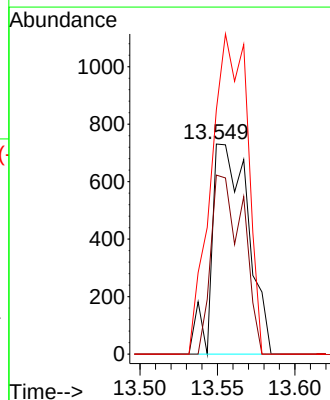
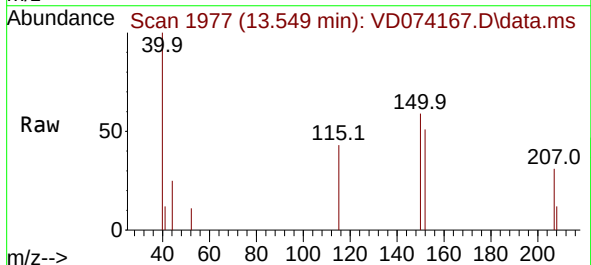
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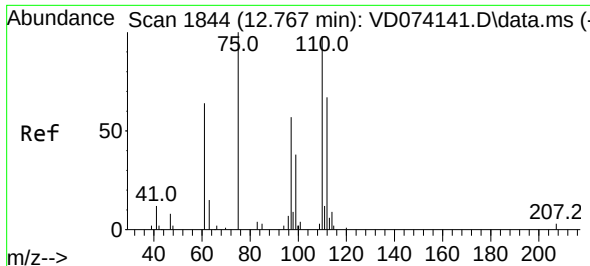
Tgt Ion:117 Resp: 2653
Ion Ratio Lower Upper
117 100
82 46.1 45.3 67.9
119 11.3 26.6 40.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.549 min Scan# 1977
Delta R.T. -0.006 min
Lab File: VD074167.D
Acq: 20 Aug 2022 00:13

Tgt Ion:152 Resp: 1190
Ion Ratio Lower Upper
152 100
115 75.2 31.3 93.8
150 152.4 0.0 348.6

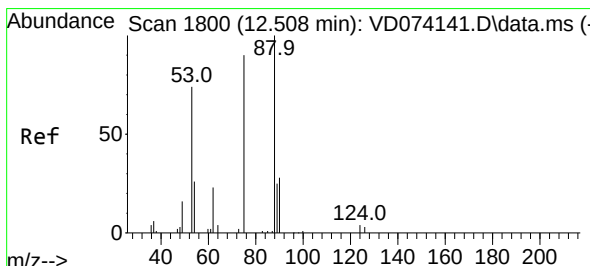
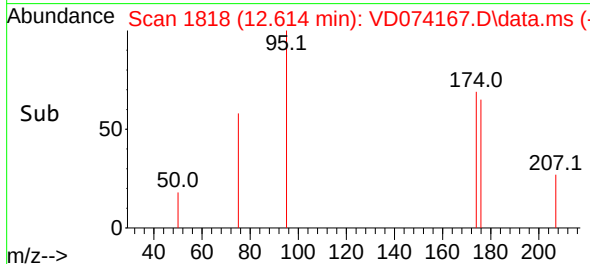
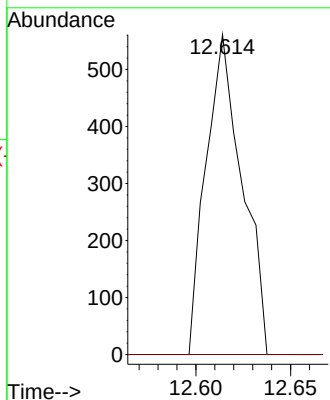
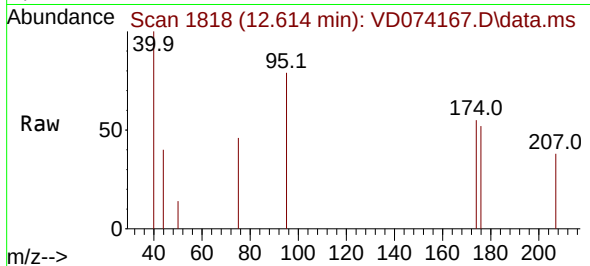




#76
1,2,3-Trichloropropane
Concen: 60.535 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.153 min
Lab File: VD074167.D
Acq: 20 Aug 2022 00:13

Instrument :
MSVOA_D
ClientSampleId :
VNJ-210

Tgt Ion: 75 Resp: 746
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 158.404 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. 0.106 min
Lab File: VD074167.D
Acq: 20 Aug 2022 00:13

Tgt Ion: 75 Resp: 746
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#

