

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051922\
 Data File : VD073175.D
 Acq On : 20 May 2022 10:06
 Operator : VA/SY
 Sample : N2842-16
 Misc : 5.38G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P023-SS001-1824-01

Quant Time: May 20 13:08:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

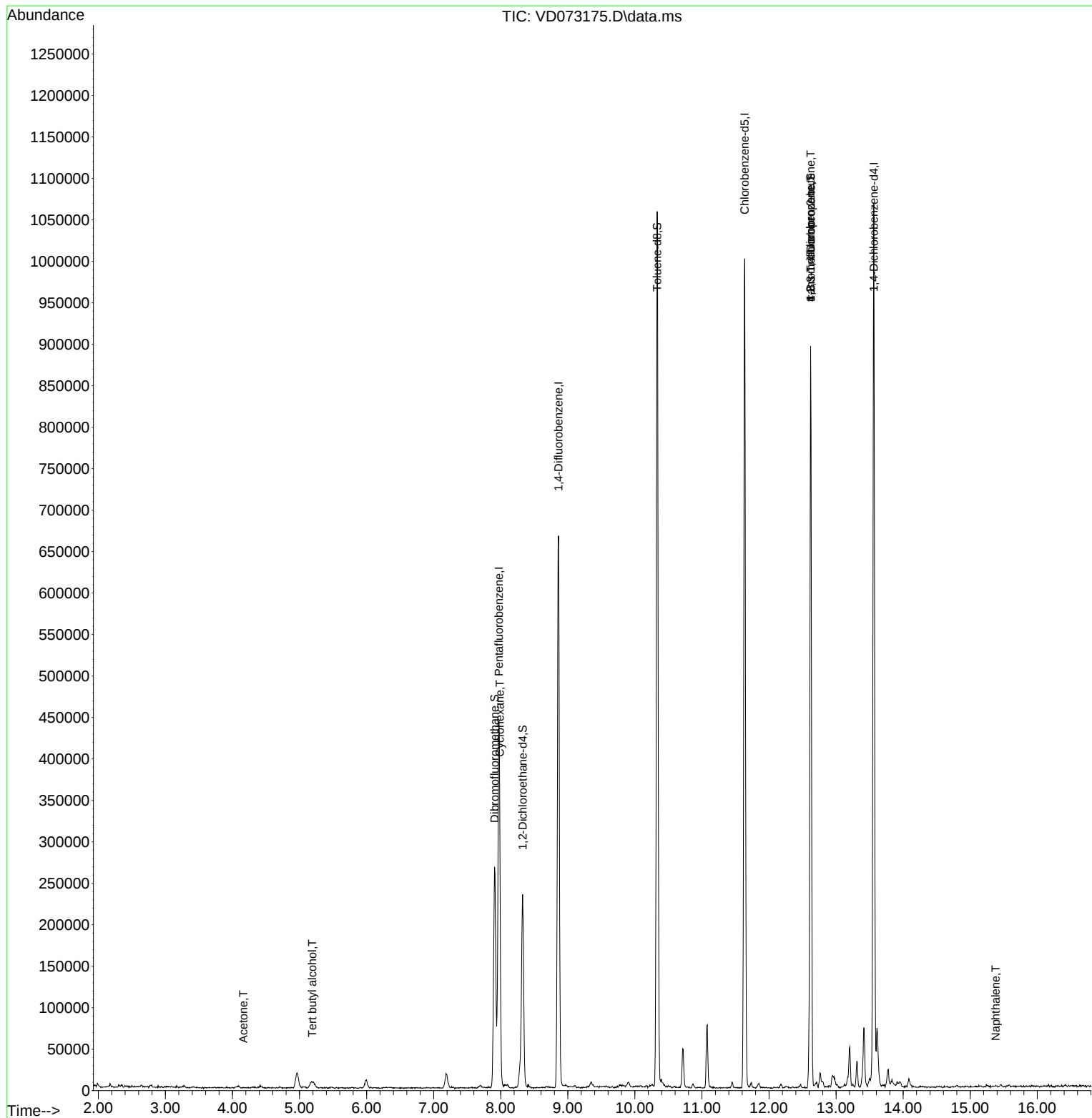
Internal Standards						
1) Pentafluorobenzene	7.973	168	322592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	569826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	584188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	272429	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	178350	50.027	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.060%	
35) Dibromofluoromethane	7.909	113	189470	50.390	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.780%	
50) Toluene-d8	10.332	98	702238	50.664	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.320%	
62) 4-Bromofluorobenzene	12.620	95	266792	54.847	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.700%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.774	94	775	Below Cal	#	68
11) Tert butyl alcohol	5.191	59	6206	11.220	ug/l #	89
16) Acetone	4.162	43	1157	1.874	ug/l #	47
20) Methylene Chloride	4.962	84	14011	Below Cal	#	78
31) Cyclohexane	7.985	56	8812	1.414	ug/l #	21
76) 1,2,3-Trichloropropane	12.620	75	135251	50.599	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	135251	121.473	ug/l #	7
95) Naphthalene	15.379	128	1212	3.668	ug/l #	87

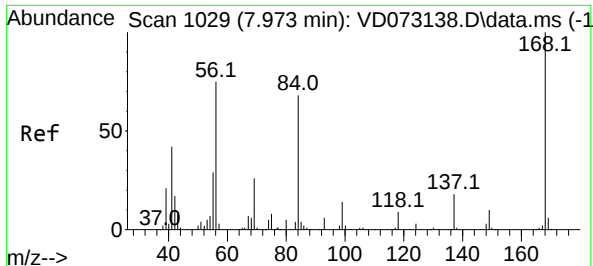
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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P023-SS001-1824-01

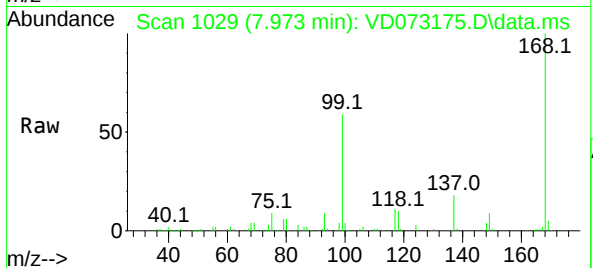
Quant Time: May 20 13:08:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
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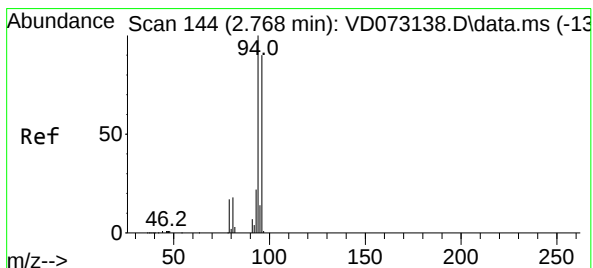
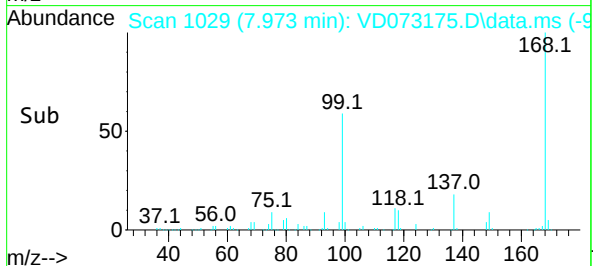
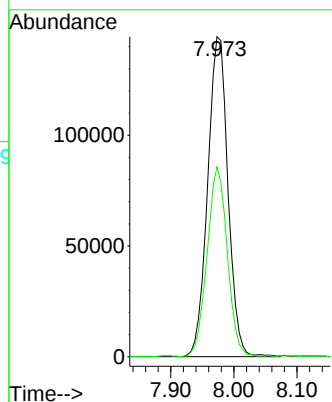


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073175.D
Acq: 20 May 2022 10:06

Instrument :
MSVOA_D
ClientSampleId :
P023-SS001-1824-01

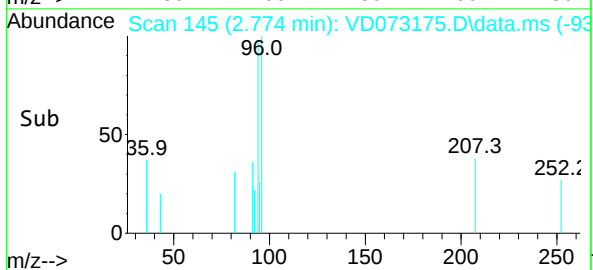
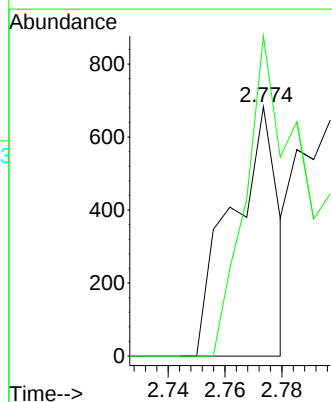
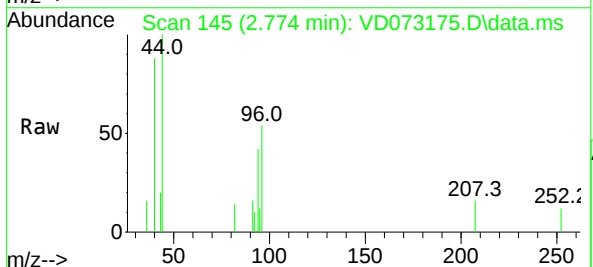


Tgt Ion:168 Resp: 322592
Ion Ratio Lower Upper
168 100
99 59.4 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.774 min Scan# 145
Delta R.T. 0.006 min
Lab File: VD073175.D
Acq: 20 May 2022 10:06

Tgt Ion: 94 Resp: 775
Ion Ratio Lower Upper
94 100
96 128.4 77.6 116.4#





#11

Tert butyl alcohol

Concen: 11.220 ug/l

RT: 5.191 min Scan# 51

Delta R.T. -0.018 min

Lab File: VD073175.D

Acq: 20 May 2022 10:06

Instrument :

MSVOA_D

ClientSampleId :

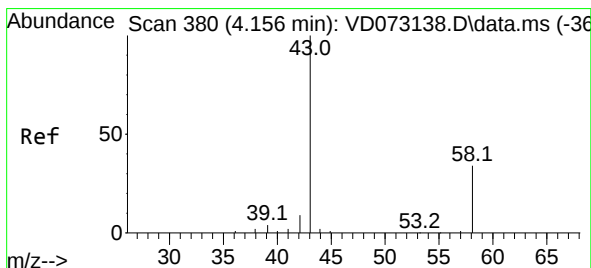
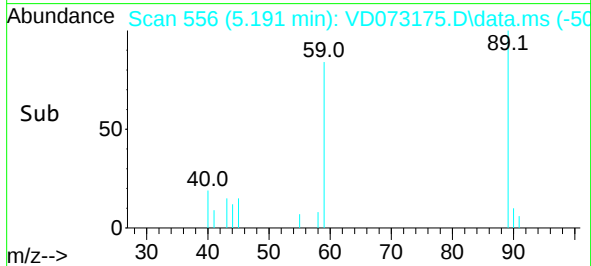
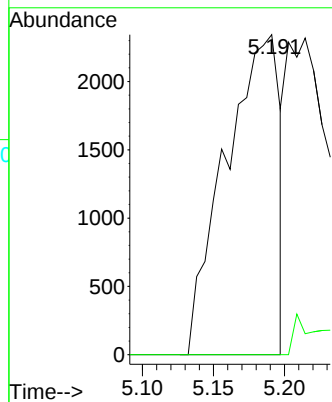
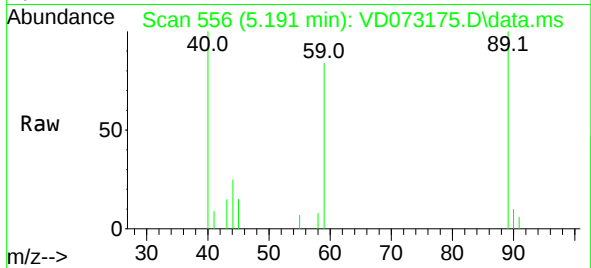
P023-SS001-1824-01

Tgt Ion: 59 Resp: 6206

Ion Ratio Lower Upper

59 100

57 5.6 7.8 11.6#



#16

Acetone

Concen: 1.874 ug/l

RT: 4.162 min Scan# 381

Delta R.T. 0.006 min

Lab File: VD073175.D

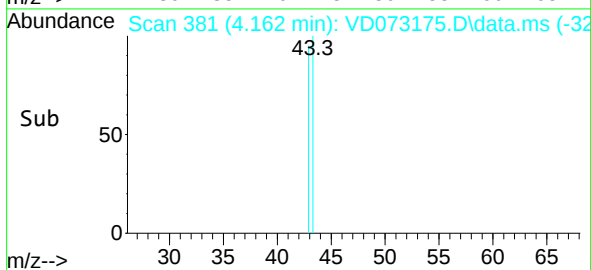
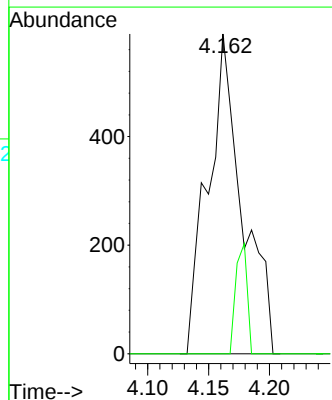
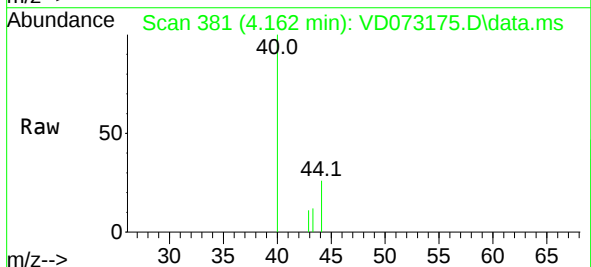
Acq: 20 May 2022 10:06

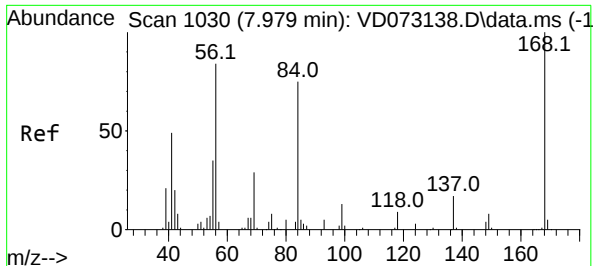
Tgt Ion: 43 Resp: 1157

Ion Ratio Lower Upper

43 100

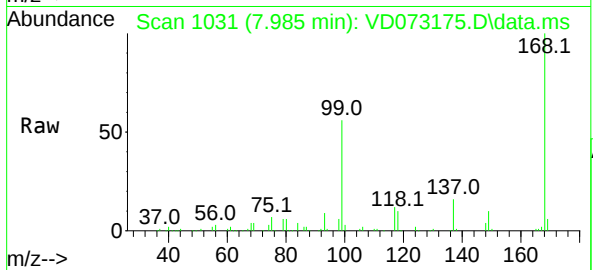
58 0.0 22.1 33.1#



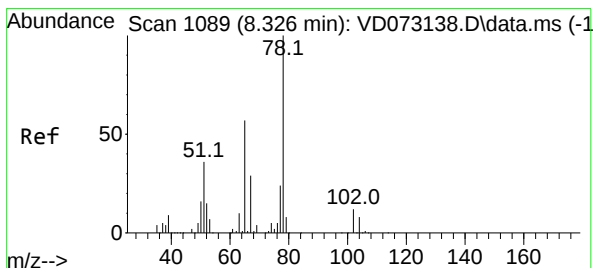
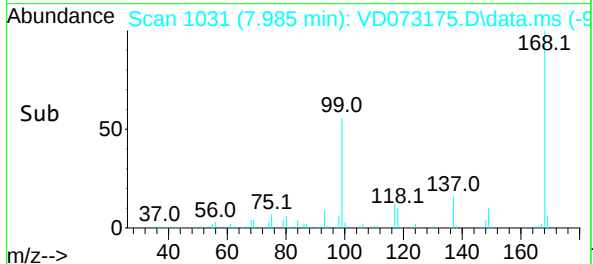
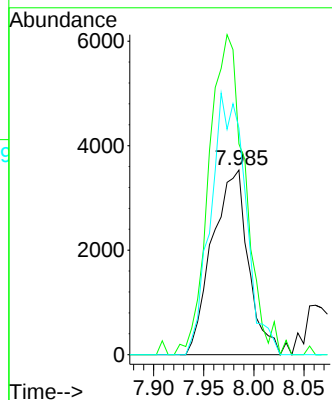


#31
Cyclohexane
Concen: 1.414 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD073175.D
Acq: 20 May 2022 10:06

Instrument :
MSVOA_D
ClientSampleId :
P023-SS001-1824-01

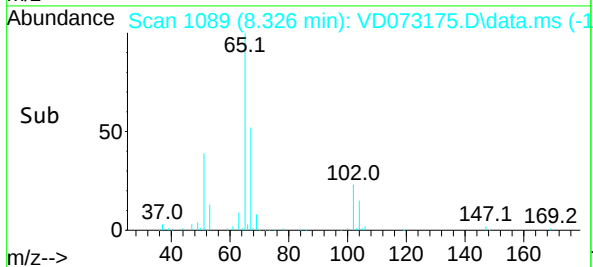
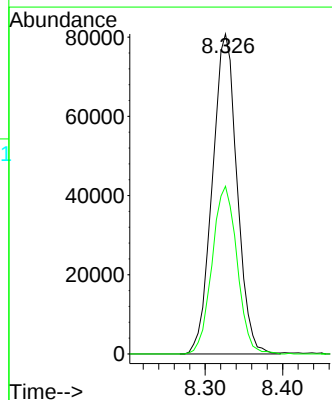
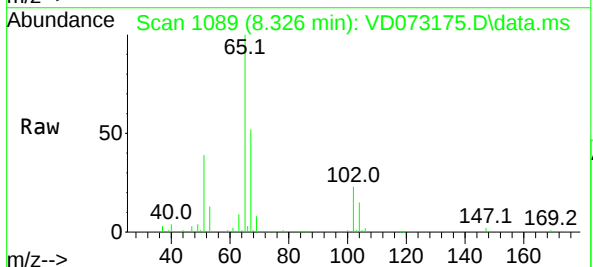


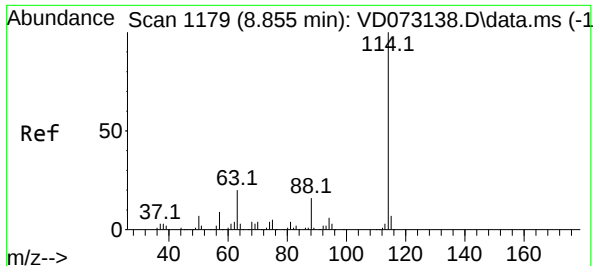
Tgt Ion: 56 Resp: 8812
Ion Ratio Lower Upper
56 100
69 114.2 25.4 38.2#
84 122.8 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 50.027 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073175.D
Acq: 20 May 2022 10:06

Tgt Ion: 65 Resp: 178350
Ion Ratio Lower Upper
65 100
67 53.2 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VD073175.D

Acq: 20 May 2022 10:06

Instrument :

MSVOA_D

ClientSampleId :

P023-SS001-1824-01

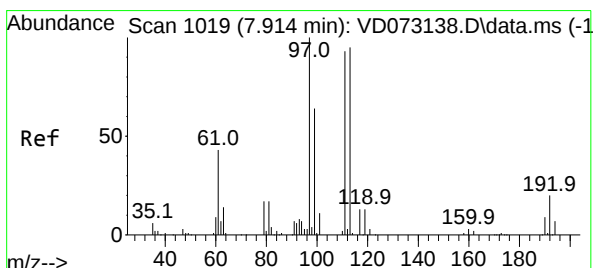
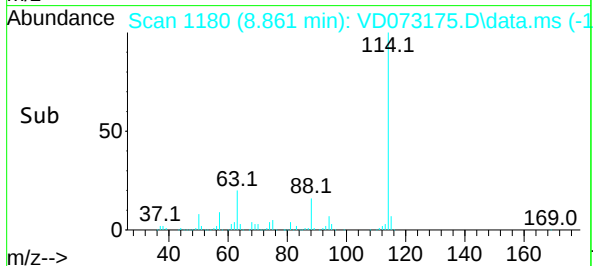
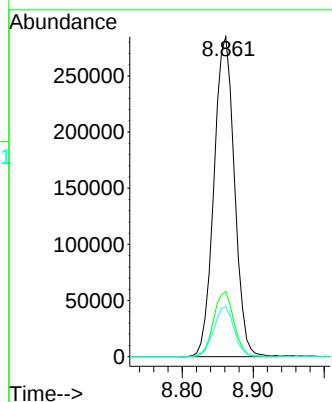
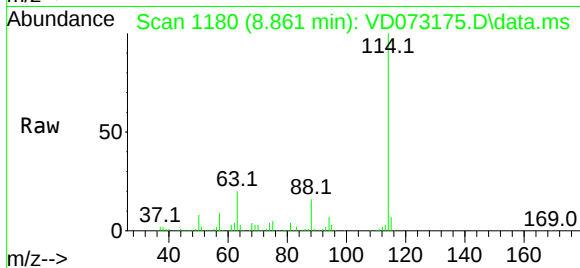
Tgt Ion:114 Resp: 569826

Ion Ratio Lower Upper

114 100

63 20.4 0.0 46.6

88 15.7 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.390 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD073175.D

Acq: 20 May 2022 10:06

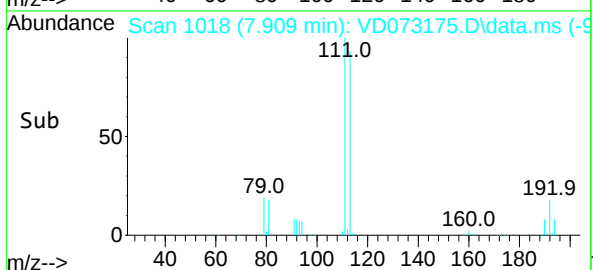
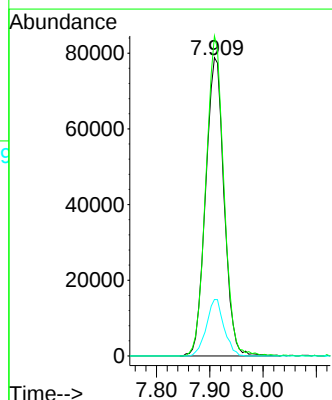
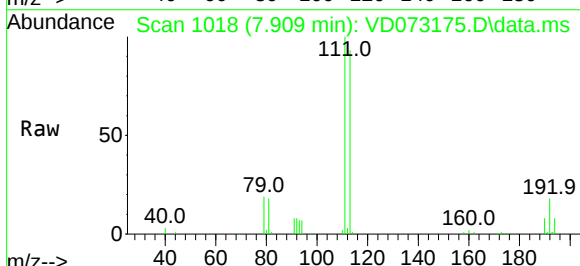
Tgt Ion:113 Resp: 189470

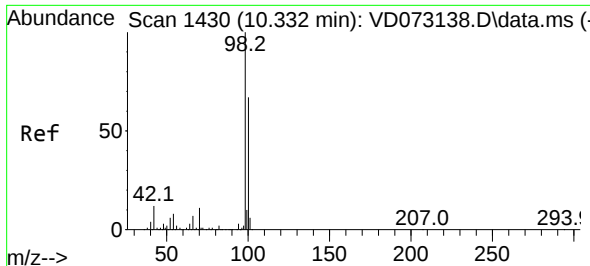
Ion Ratio Lower Upper

113 100

111 104.5 83.8 125.6

192 18.1 14.6 21.8

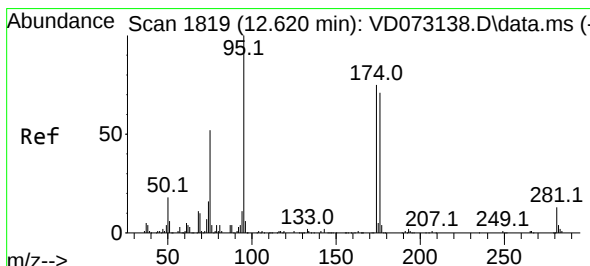
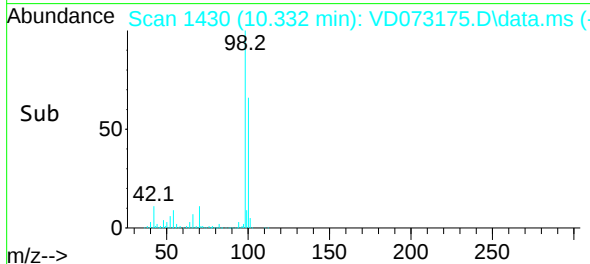
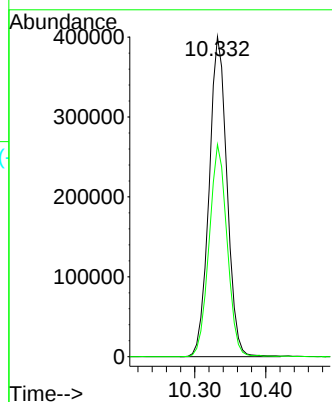
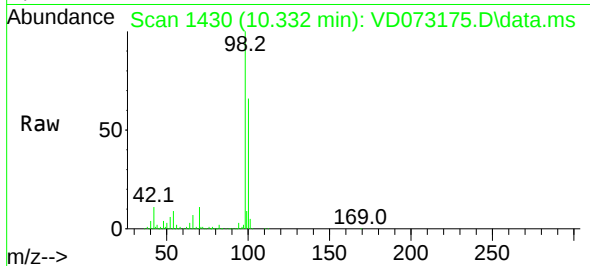




#50
Toluene-d8
Concen: 50.664 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073175.D
Acq: 20 May 2022 10:06

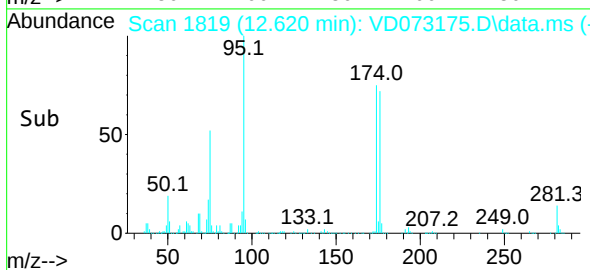
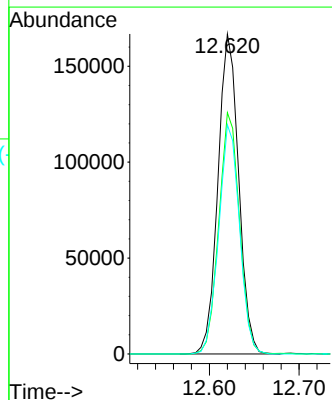
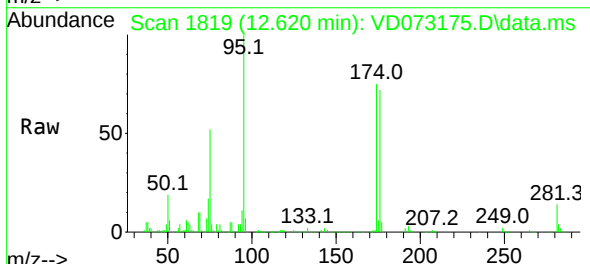
Instrument :
MSVOA_D
ClientSampleId :
P023-SS001-1824-01

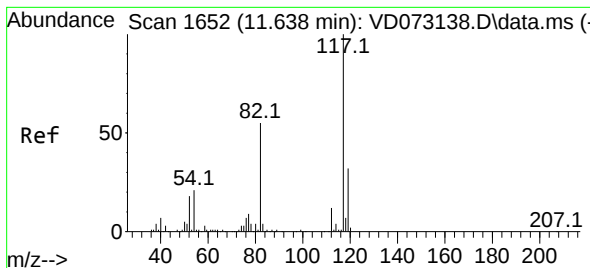
Tgt Ion: 98 Resp: 702238
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 54.847 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073175.D
Acq: 20 May 2022 10:06

Tgt Ion: 95 Resp: 266792
Ion Ratio Lower Upper
95 100
174 75.3 0.0 152.8
176 71.9 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD073175.D

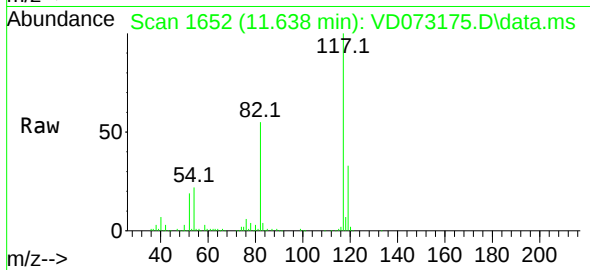
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Instrument :

MSVOA_D

ClientSampleId :

P023-SS001-1824-01



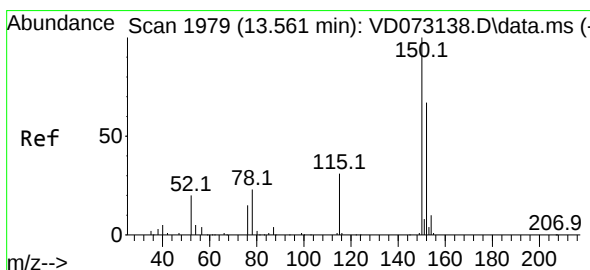
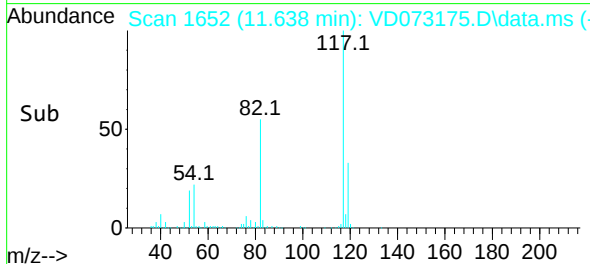
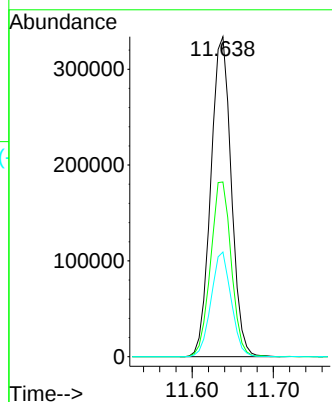
Tgt Ion:117 Resp: 584188

Ion Ratio Lower Upper

117 100

82 54.6 45.3 67.9

119 32.7 26.6 40.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VD073175.D

Acq: 20 May 2022 10:06

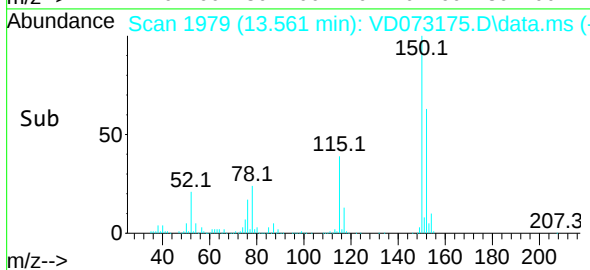
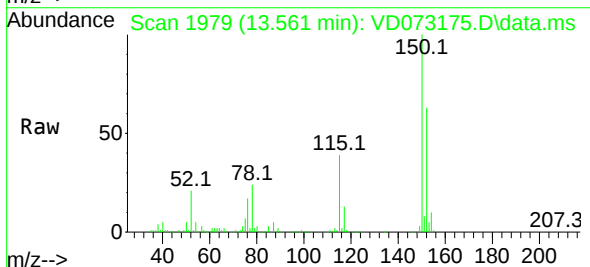
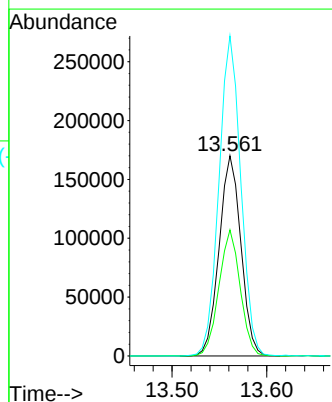
Tgt Ion:152 Resp: 272429

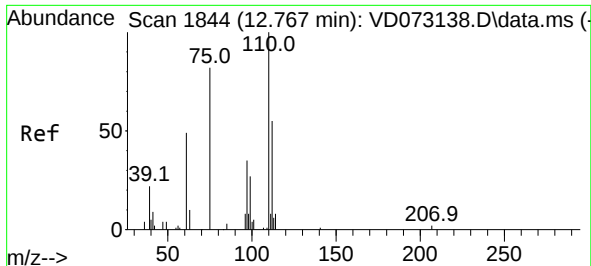
Ion Ratio Lower Upper

152 100

115 61.4 31.3 93.8

150 160.1 0.0 348.6

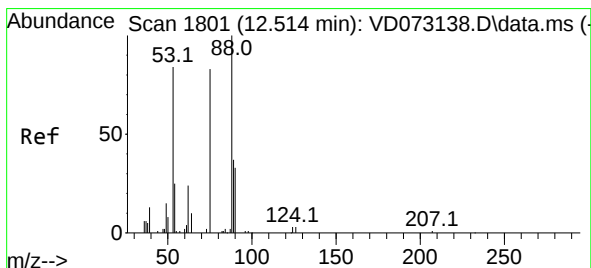
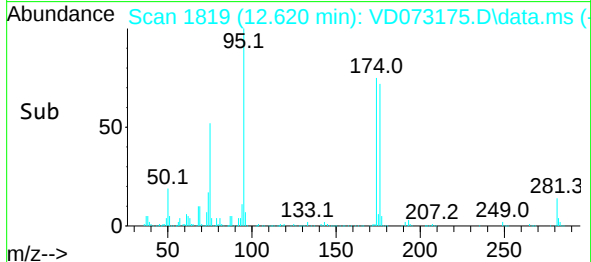
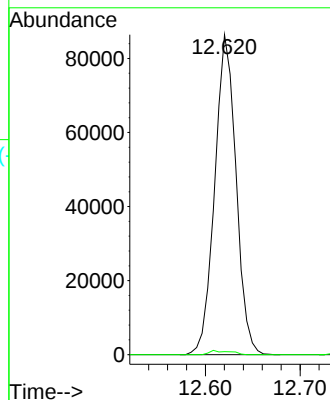
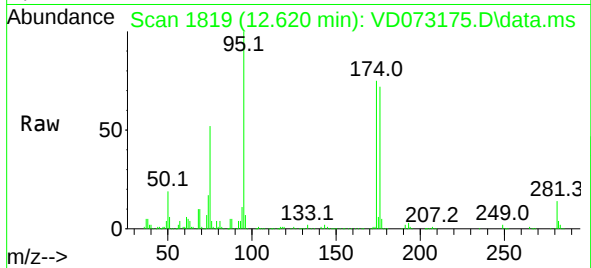




#76
1,2,3-Trichloropropane
Concen: 50.599 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073175.D
Acq: 20 May 2022 10:06

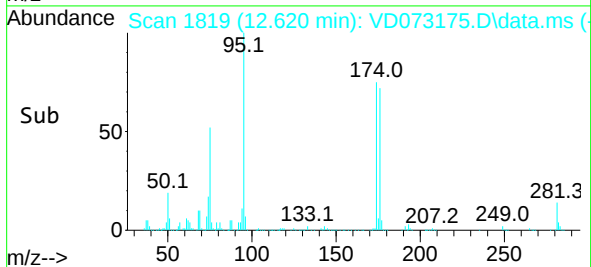
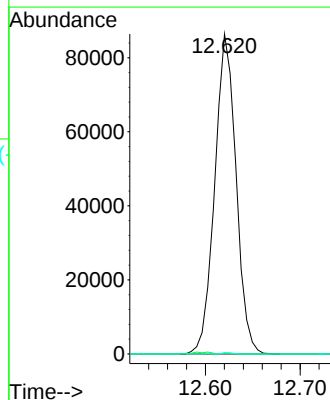
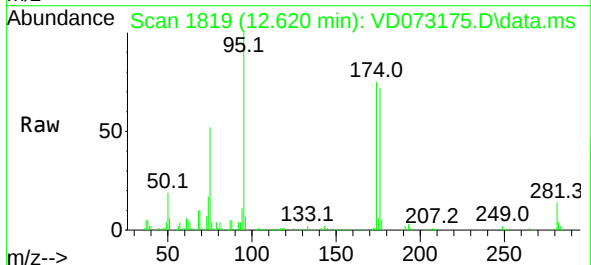
Instrument :
MSVOA_D
ClientSampleId :
P023-SS001-1824-01

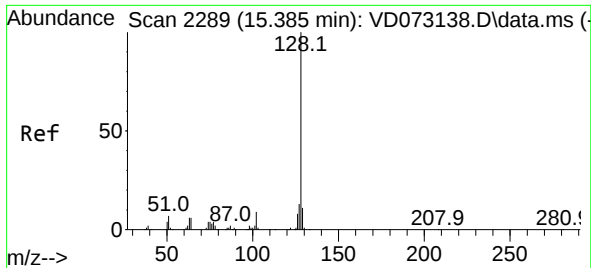
Tgt Ion: 75 Resp: 135251
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 121.473 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073175.D
Acq: 20 May 2022 10:06

Tgt Ion: 75 Resp: 135251
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.2 33.9 50.9#





#95

Naphthalene

Concen: 3.668 ug/l

RT: 15.379 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD073175.D

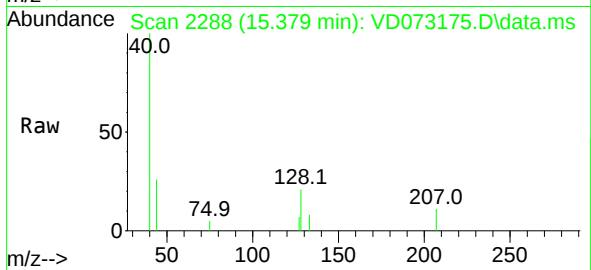
Acq: 20 May 2022 10:06

Instrument :

MSVOA_D

ClientSampleId :

P023-SS001-1824-01



Tgt Ion:	128	Resp:	1212
Ion	Ratio	Lower	Upper
128	100		
127	7.0	10.3	15.5#
129	6.8	8.4	12.6#

