

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052422\
 Data File : VD073344.D
 Acq On : 25 May 2022 01:52
 Operator : VA/SY
 Sample : N2949-25
 Misc : 5.29G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P044-SS005-0006-01

Quant Time: May 25 05:33:07 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)

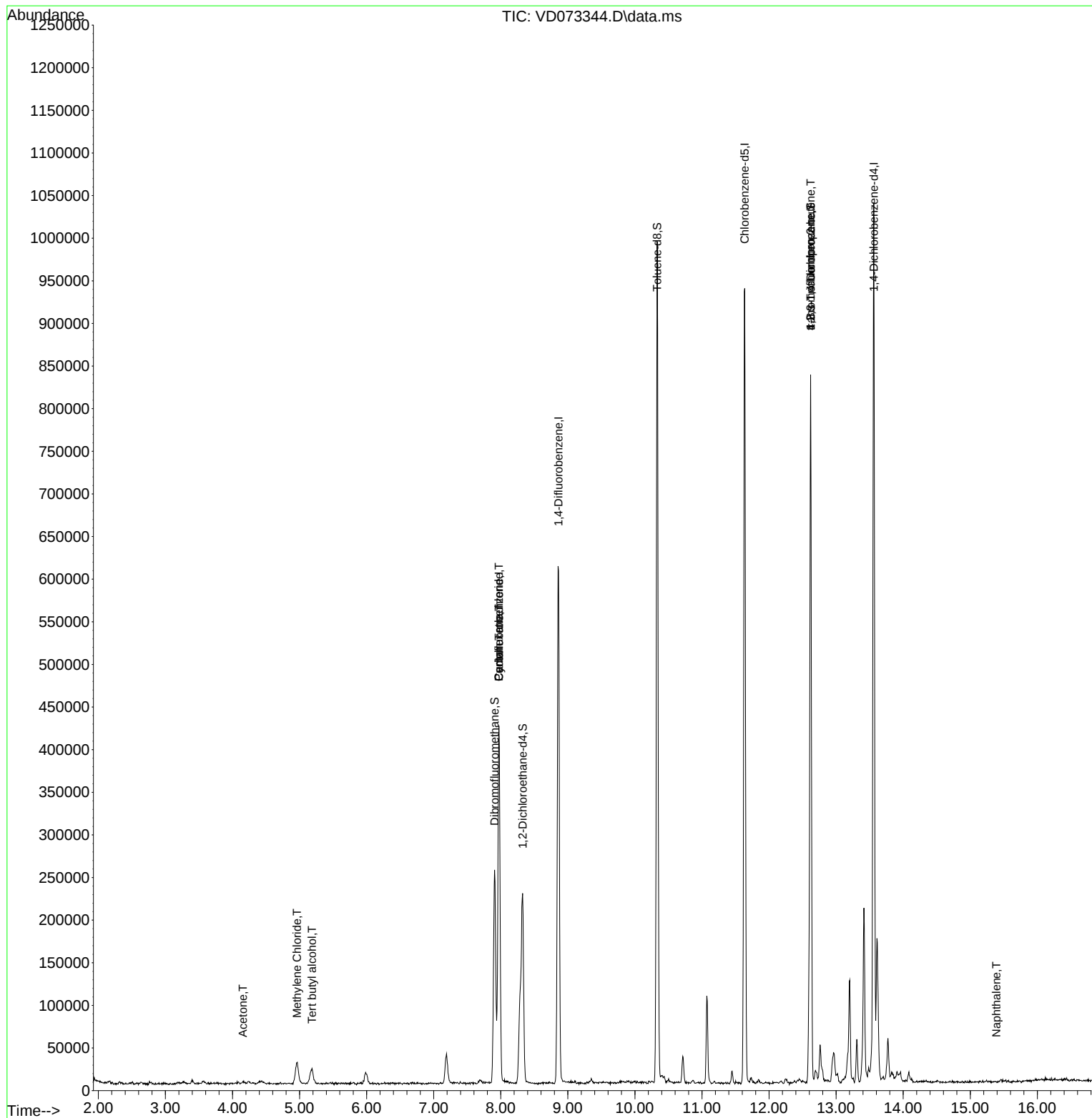
Internal Standards						
1) Pentafluorobenzene	7.973	168	303902	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	539192	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	559341	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	272860	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	169108	50.352	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.700%	
35) Dibromofluoromethane	7.908	113	181229	50.936	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.880%	
50) Toluene-d8	10.332	98	650598	49.605	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.220%	
62) 4-Bromofluorobenzene	12.620	95	256313	55.687	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.380%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.773	94	1153	Below Cal	#	76
11) Tert butyl alcohol	5.185	59	15573	29.886	ug/l #	74
16) Acetone	4.156	43	5182	8.908	ug/l	100
20) Methylene Chloride	4.961	84	19986	1.547	ug/l #	73
31) Cyclohexane	7.973	56	7908	1.347	ug/l #	24
38) Carbon Tetrachloride	7.973	117	32636	6.017	ug/l #	16
76) 1,2,3-Trichloropropane	12.620	75	129451	48.353	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	129451	116.080	ug/l #	7
95) Naphthalene	15.390	128	157	3.558	ug/l #	70

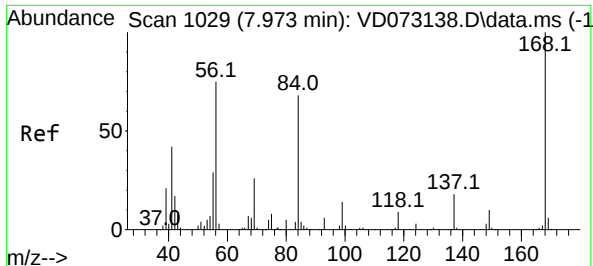
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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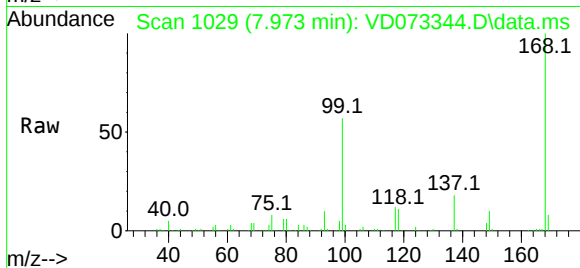
Quant Time: May 25 05:33:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
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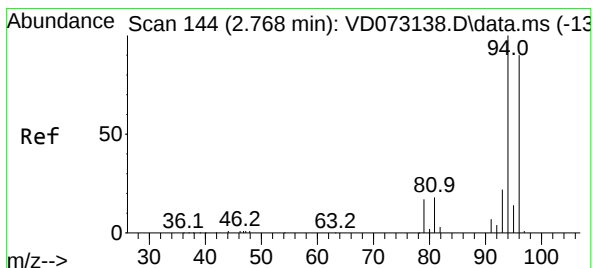
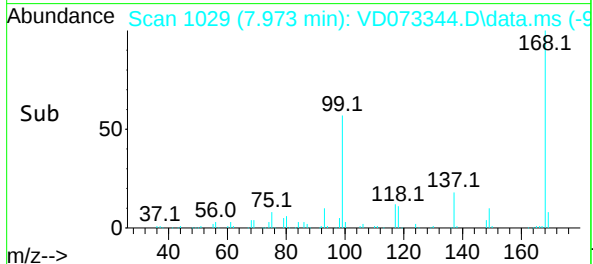
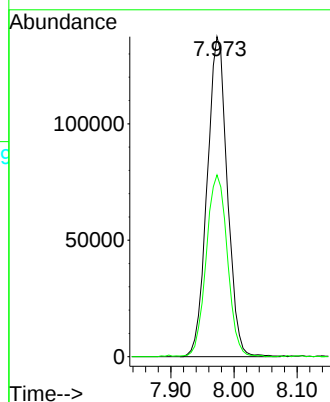


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073344.D
Acq: 25 May 2022 01:52

Instrument :
MSVOA_D
ClientSampleId :
P044-SS005-0006-01

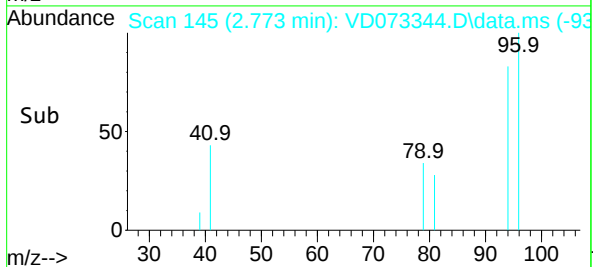
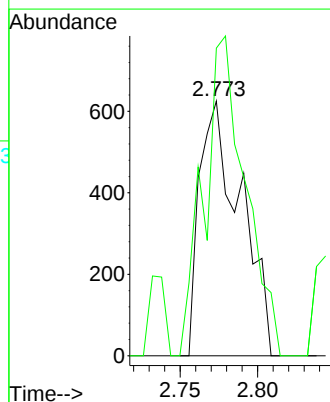
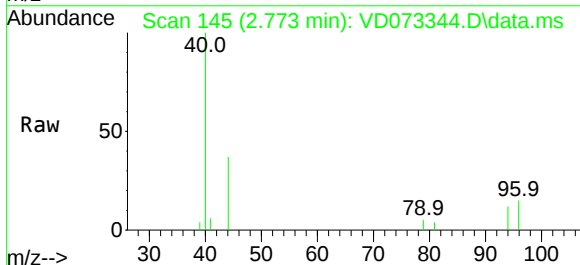


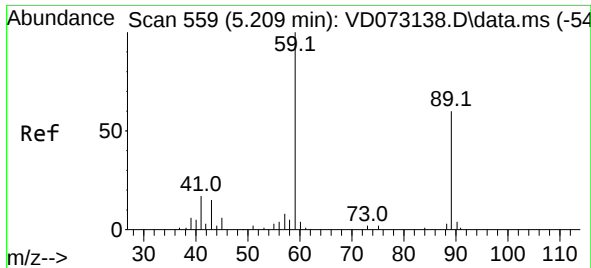
Tgt Ion:168 Resp: 303902
Ion Ratio Lower Upper
168 100
99 56.6 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.005 min
Lab File: VD073344.D
Acq: 25 May 2022 01:52

Tgt Ion: 94 Resp: 1153
Ion Ratio Lower Upper
94 100
96 120.8 77.6 116.4#

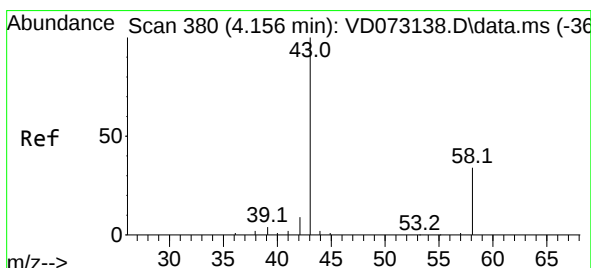
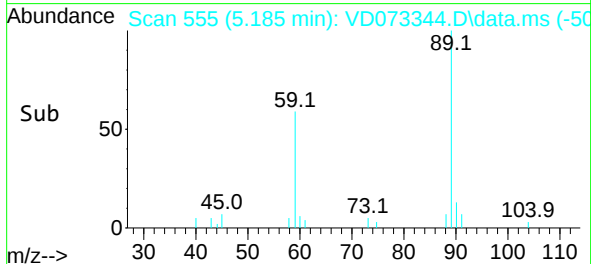
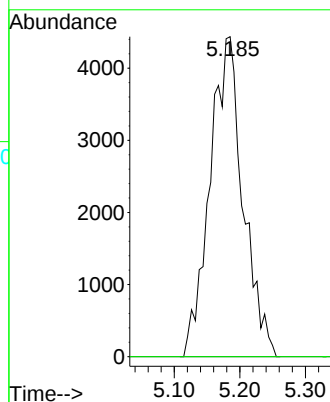
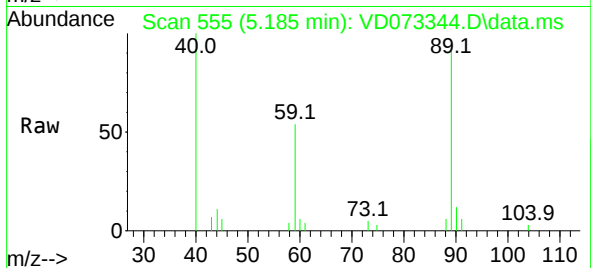




#11
Tert butyl alcohol
Concen: 29.886 ug/l
RT: 5.185 min Scan# 51
Delta R.T. -0.024 min
Lab File: VD073344.D
Acq: 25 May 2022 01:52

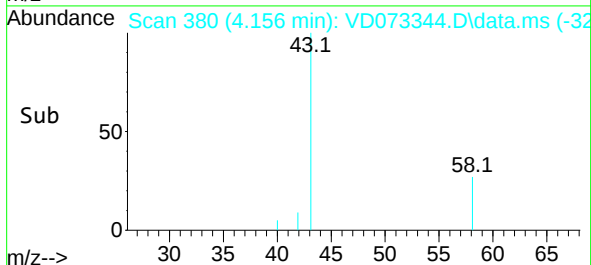
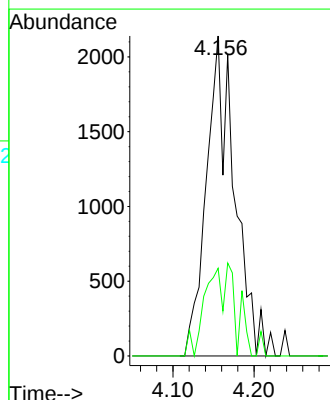
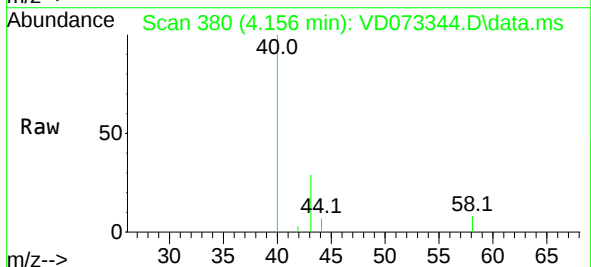
Instrument :
MSVOA_D
ClientSampleId :
P044-SS005-0006-01

Tgt Ion: 59 Resp: 15573
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 8.908 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073344.D
Acq: 25 May 2022 01:52

Tgt Ion: 43 Resp: 5182
Ion Ratio Lower Upper
43 100
58 27.4 22.1 33.1

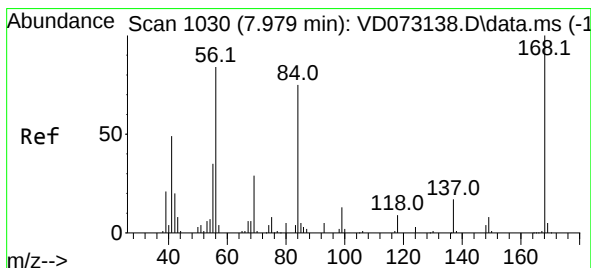
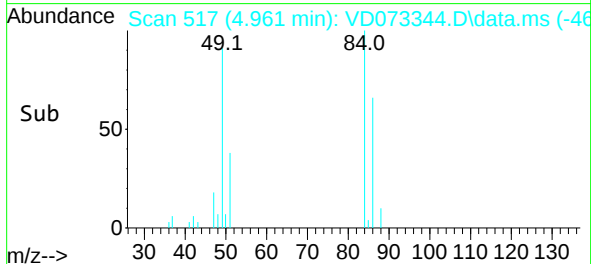
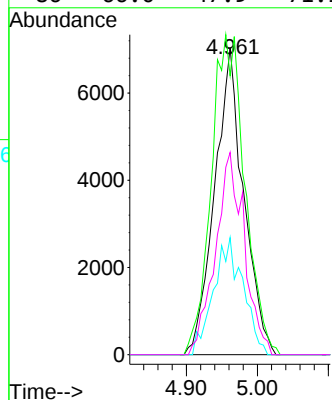
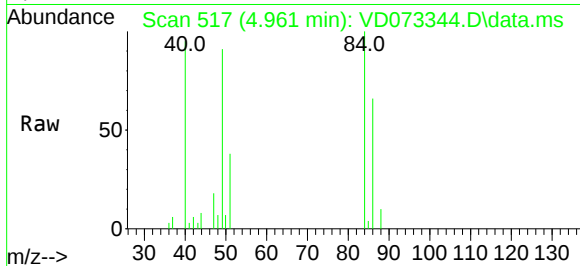




#20
Methylene Chloride
Concen: 1.547 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD073344.D
Acq: 25 May 2022 01:52

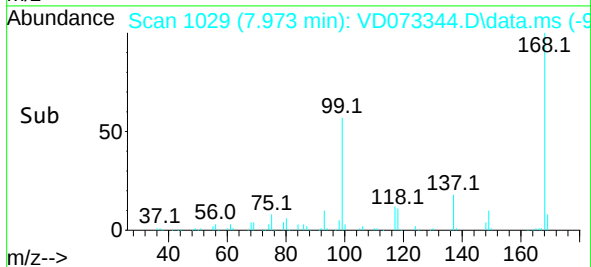
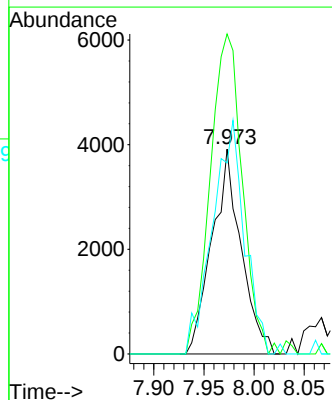
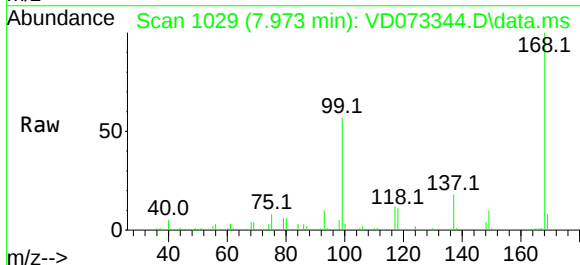
Instrument :
MSVOA_D
ClientSampleId :
P044-SS005-0006-01

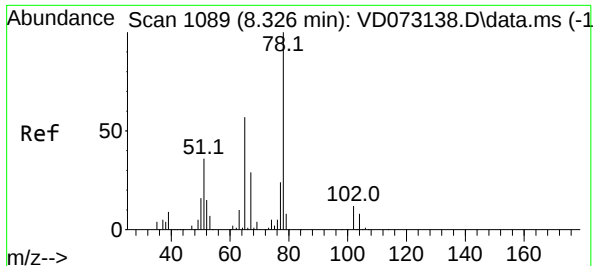
Tgt Ion:	84	Resp:	19986
Ion	Ratio	Lower	Upper
84	100		
49	90.9	112.8	169.2#
51	38.2	32.6	48.8
86	66.0	47.9	71.9



#31
Cyclohexane
Concen: 1.347 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073344.D
Acq: 25 May 2022 01:52

Tgt Ion:	56	Resp:	7908
Ion	Ratio	Lower	Upper
56	100		
69	156.2	25.4	38.2#
84	93.3	63.0	94.4





#33

1,2-Dichloroethane-d4

Concen: 50.352 ug/l

RT: 8.326 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD073344.D

Acq: 25 May 2022 01:52

Instrument :

MSVOA_D

ClientSampleId :

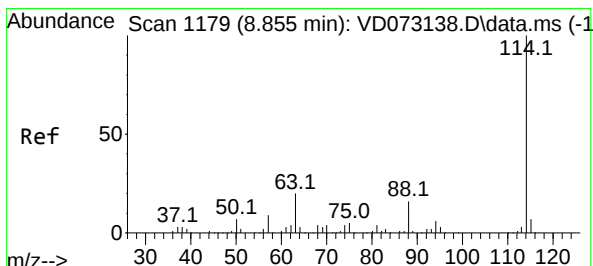
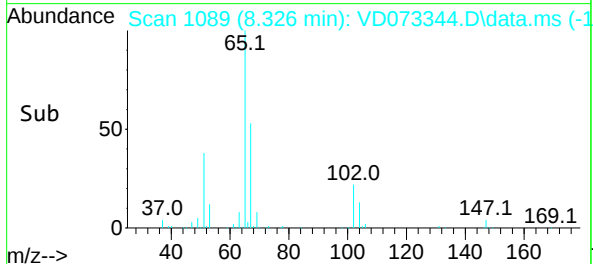
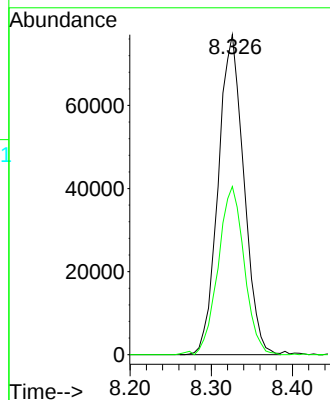
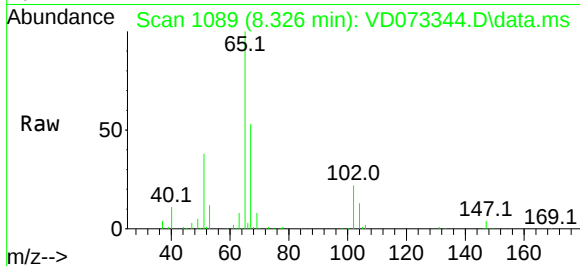
P044-SS005-0006-01

Tgt Ion: 65 Resp: 169108

Ion Ratio Lower Upper

65 100

67 53.5 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD073344.D

Acq: 25 May 2022 01:52

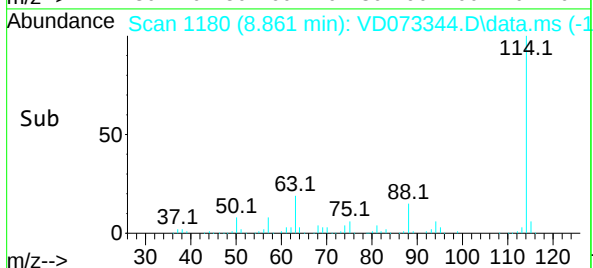
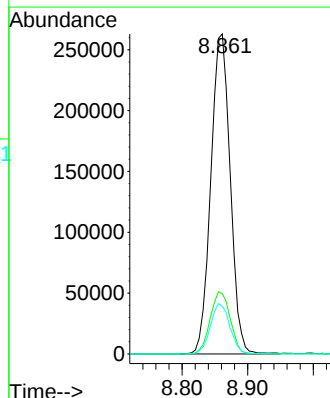
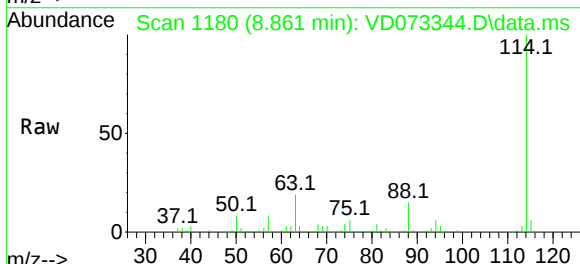
Tgt Ion: 114 Resp: 539192

Ion Ratio Lower Upper

114 100

63 18.8 0.0 46.6

88 14.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.936 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073344.D

Acq: 25 May 2022 01:52

Instrument :

MSVOA_D

ClientSampleId :

P044-SS005-0006-01

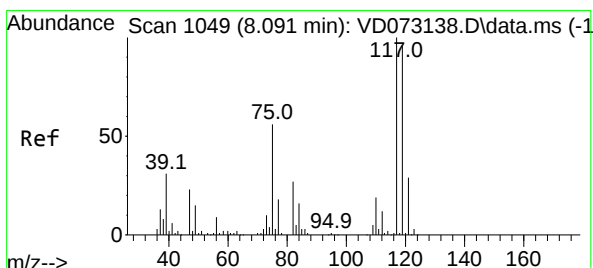
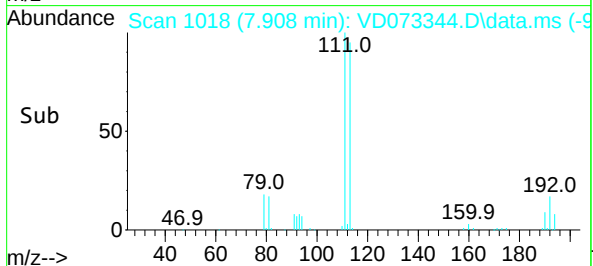
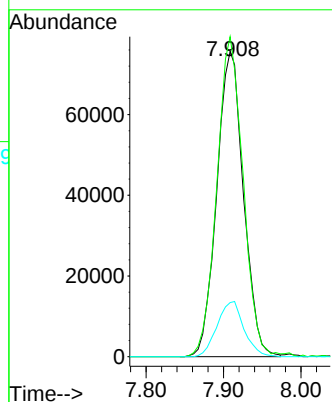
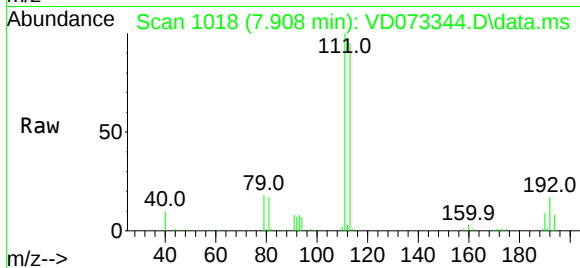
Tgt Ion:113 Resp: 181229

Ion Ratio Lower Upper

113 100

111 103.3 83.8 125.6

192 18.2 14.6 21.8



#38

Carbon Tetrachloride

Concen: 6.017 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.118 min

Lab File: VD073344.D

Acq: 25 May 2022 01:52

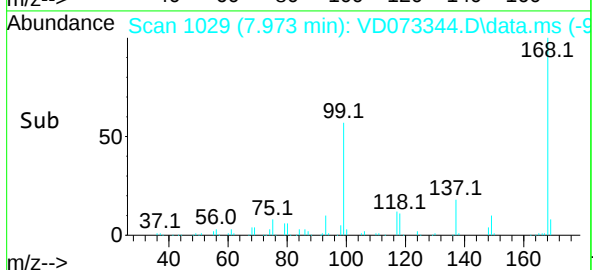
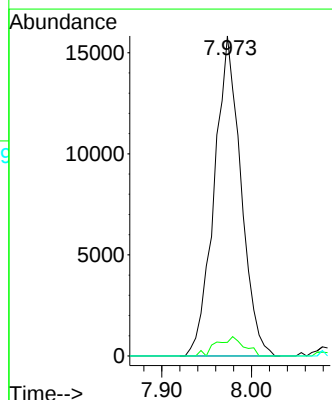
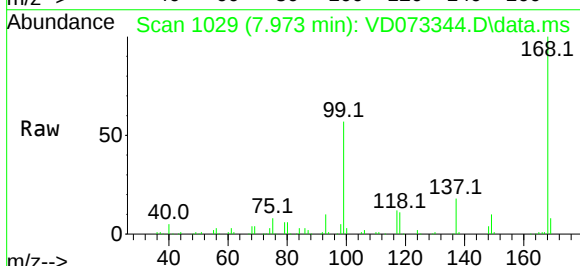
Tgt Ion:117 Resp: 32636

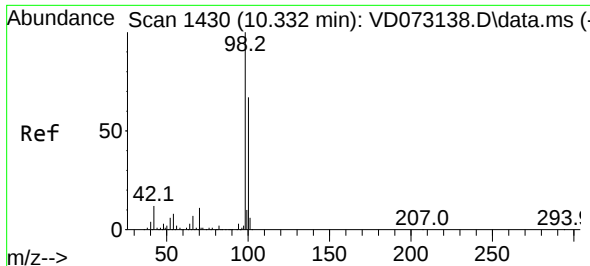
Ion Ratio Lower Upper

117 100

119 4.2 75.8 113.6#

121 0.0 24.5 36.7#

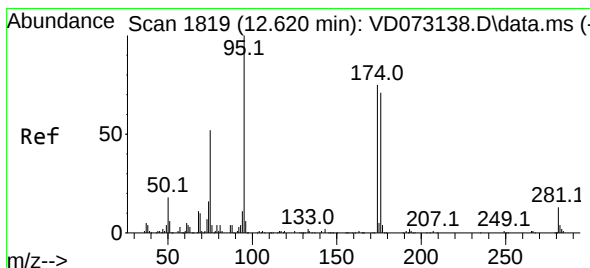
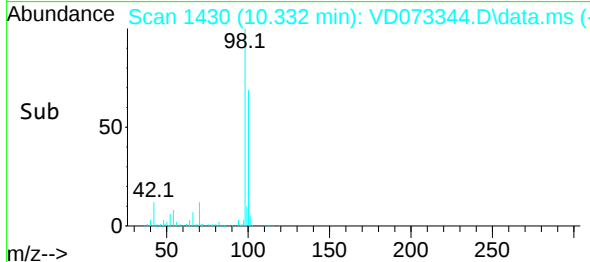
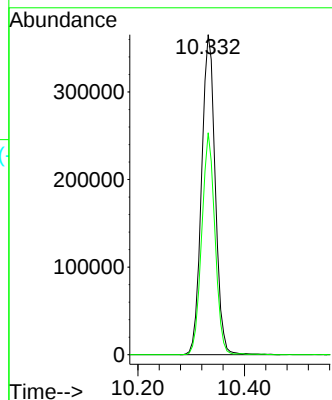
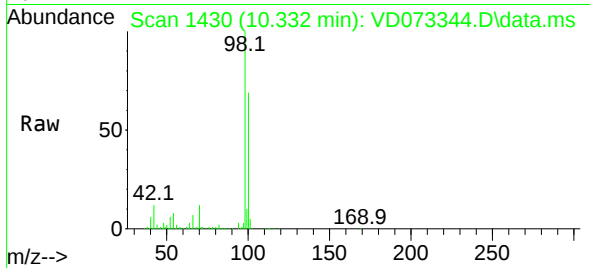




#50
Toluene-d8
Concen: 49.605 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073344.D
Acq: 25 May 2022 01:52

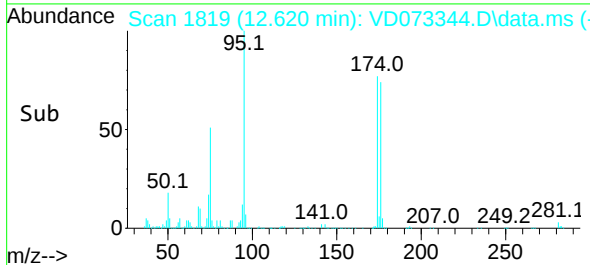
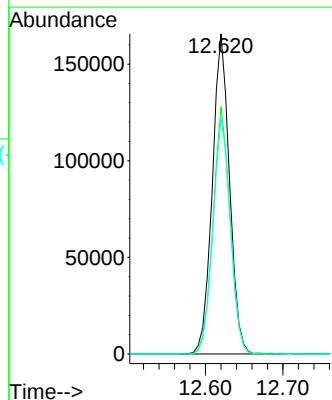
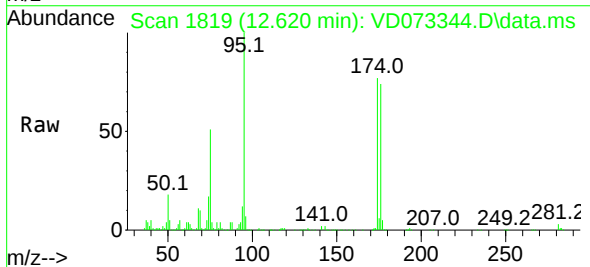
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P044-SS005-0006-01

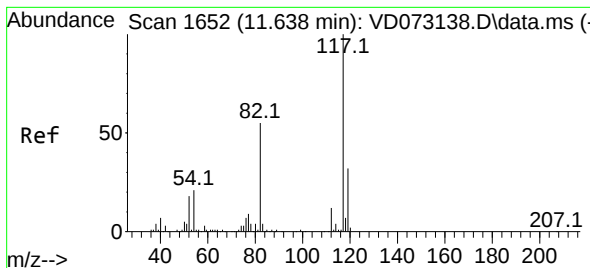
Tgt Ion: 98 Resp: 650598
Ion Ratio Lower Upper
98 100
100 66.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 55.687 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073344.D
Acq: 25 May 2022 01:52

Tgt Ion: 95 Resp: 256313
Ion Ratio Lower Upper
95 100
174 76.8 0.0 152.8
176 74.5 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: VD073344.D

Acq: 25 May 2022 01:52

Instrument :

MSVOA_D

ClientSampleId :

P044-SS005-0006-01

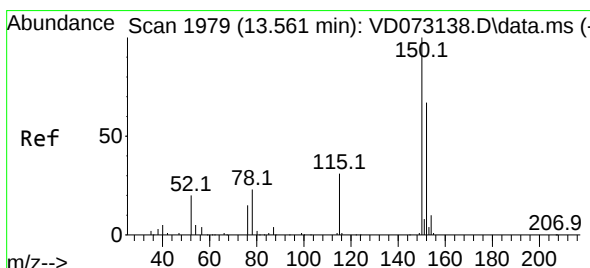
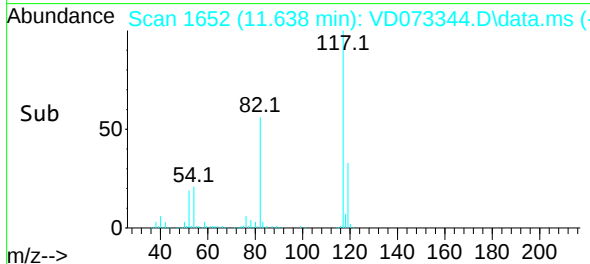
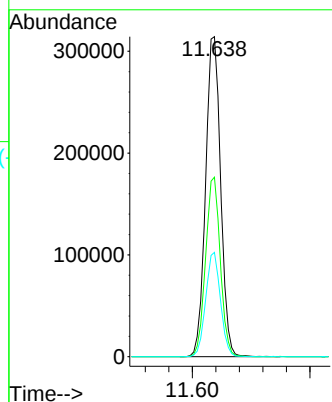
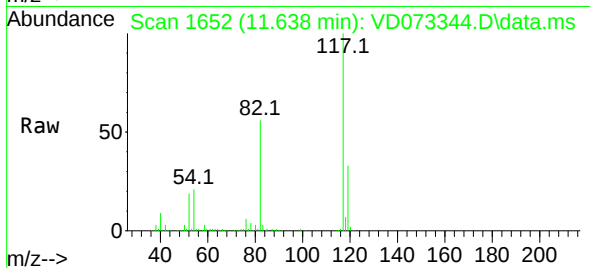
Tgt Ion:117 Resp: 559341

Ion Ratio Lower Upper

117 100

82 56.1 45.3 67.9

119 32.6 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: VD073344.D

Acq: 25 May 2022 01:52

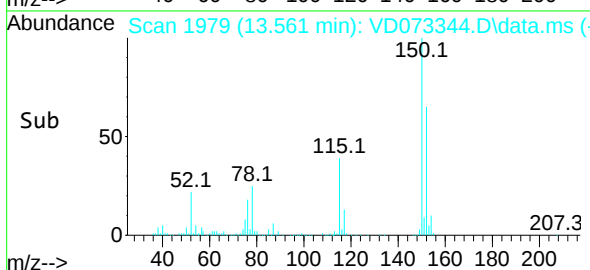
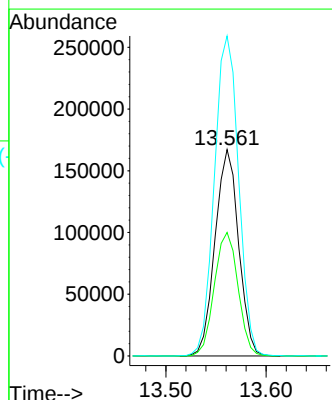
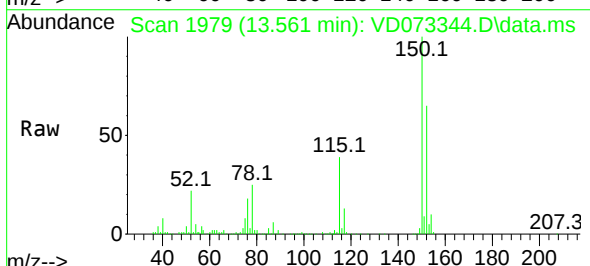
Tgt Ion:152 Resp: 272860

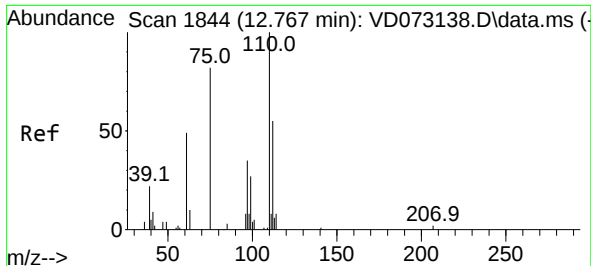
Ion Ratio Lower Upper

152 100

115 60.2 31.3 93.8

150 158.9 0.0 348.6

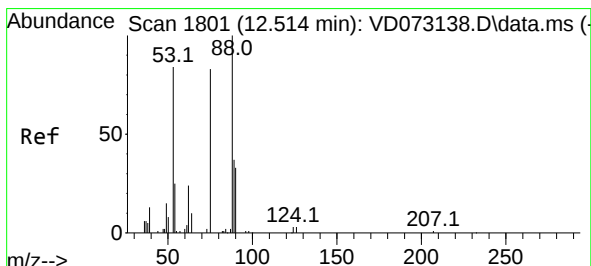
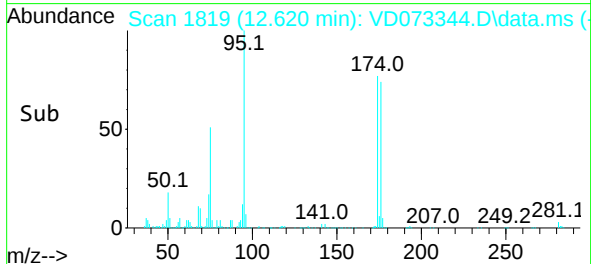
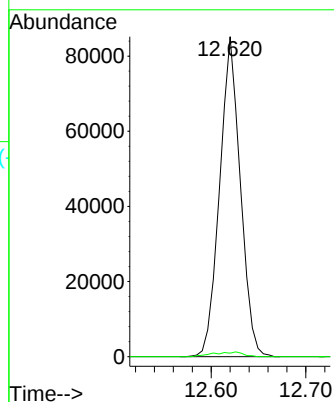
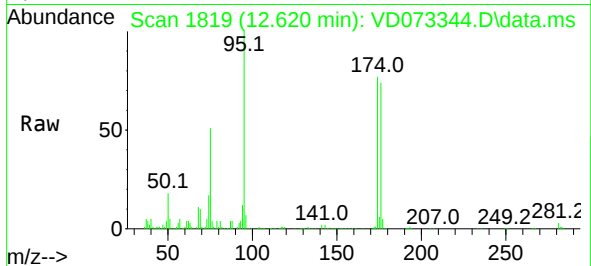




#76
1,2,3-Trichloropropane
Concen: 48.353 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073344.D
Acq: 25 May 2022 01:52

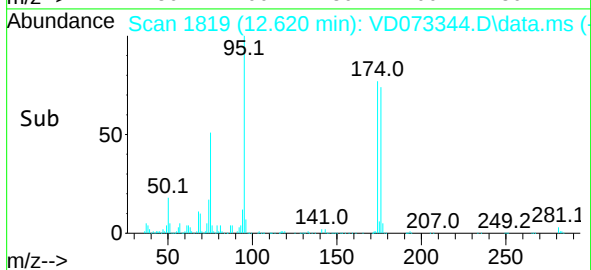
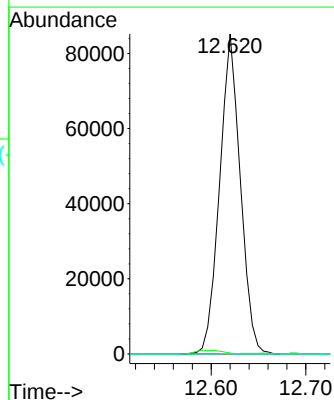
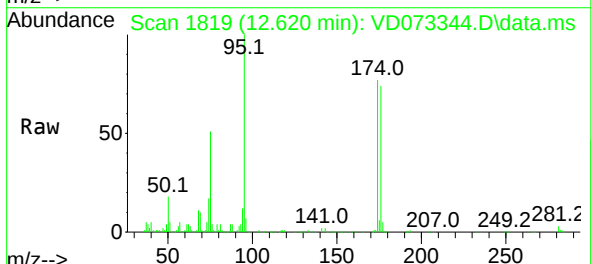
Instrument :
MSVOA_D
ClientSampleId :
P044-SS005-0006-01

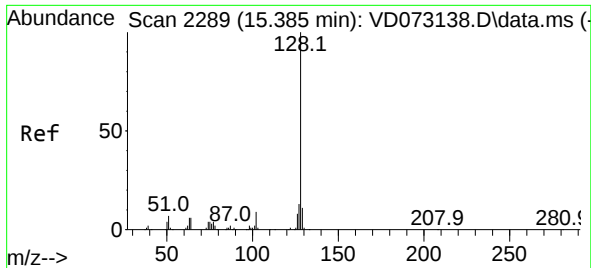
Tgt Ion: 75 Resp: 129451
Ion Ratio Lower Upper
75 100
77 2.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 116.080 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073344.D
Acq: 25 May 2022 01:52

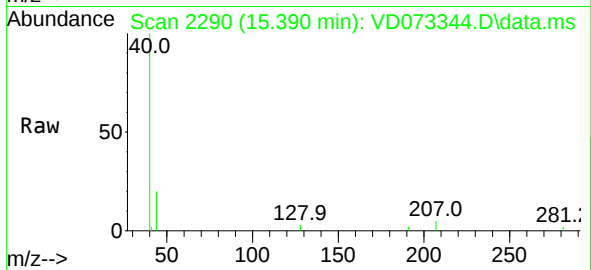
Tgt Ion: 75 Resp: 129451
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#





#95
Naphthalene
Concen: 3.558 ug/l
RT: 15.390 min Scan# 21
Delta R.T. 0.005 min
Lab File: VD073344.D
Acq: 25 May 2022 01:52

Instrument :
MSVOA_D
ClientSampleId :
P044-SS005-0006-01



Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.4	12.6#

