

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052422\
 Data File : VD073339.D
 Acq On : 24 May 2022 23:29
 Operator : VA/SY
 Sample : VD0524SBL02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0524SBL02

Quant Time: May 25 05:31:16 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)

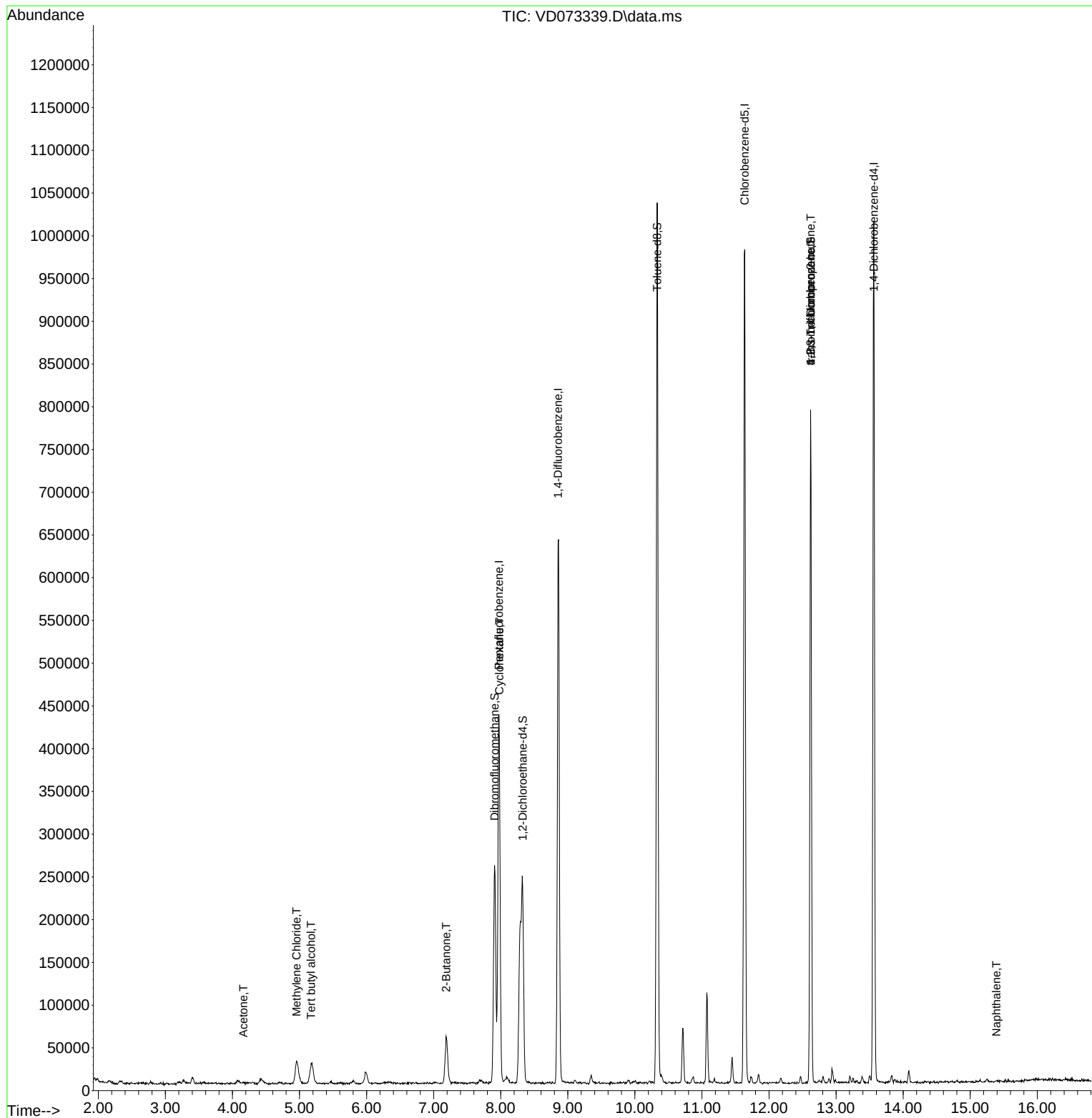
Internal Standards						
1) Pentafluorobenzene	7.973	168	314009	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	550644	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	580973	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	266980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	171932	49.545	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.080%
35) Dibromofluoromethane	7.909	113	184484	50.773	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.540%
50) Toluene-d8	10.332	98	679568	50.737	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.480%
62) 4-Bromofluorobenzene	12.620	95	257084	54.693	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.380%
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	1605	Below Cal		85
11) Tert butyl alcohol	5.173	59	22244	41.314	ug/l #	74
16) Acetone	4.162	43	3304	5.497	ug/l #	87
20) Methylene Chloride	4.956	84	21495	1.788	ug/l	92
25) 2-Butanone	7.185	43	3128	3.557	ug/l #	52
31) Cyclohexane	7.979	56	9168	1.512	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	127044	48.499	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	127044	116.430	ug/l #	7
95) Naphthalene	15.390	128	967	3.644	ug/l #	70

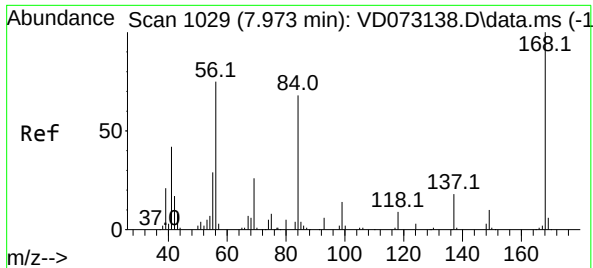
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration

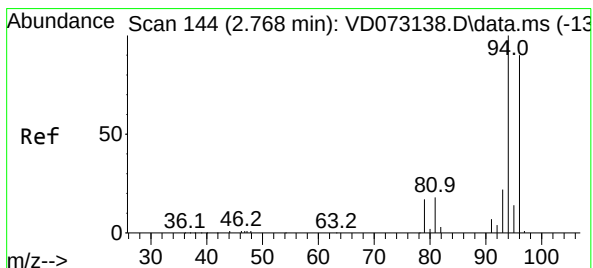
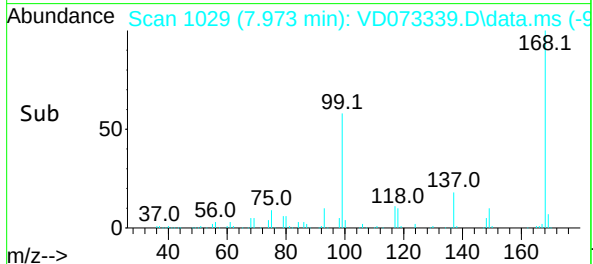
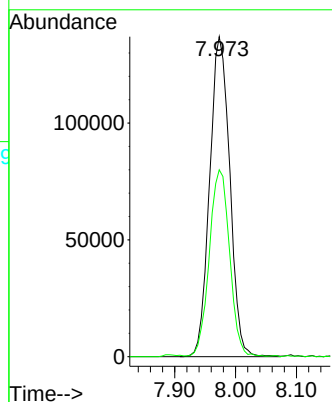
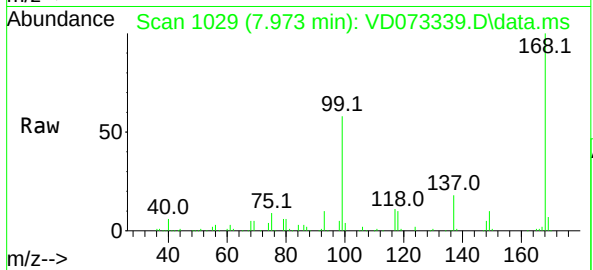




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073339.D
Acq: 24 May 2022 23:29

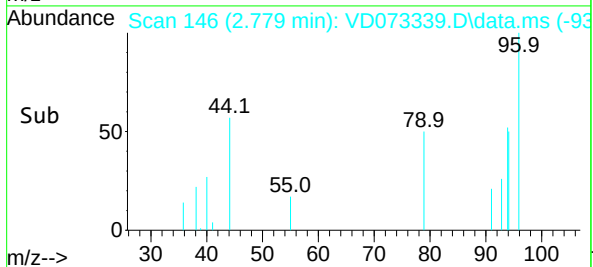
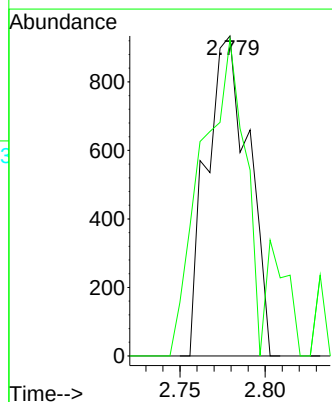
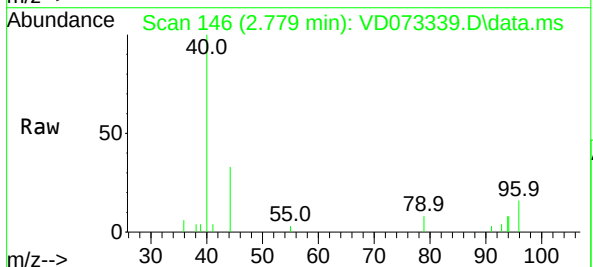
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBL02

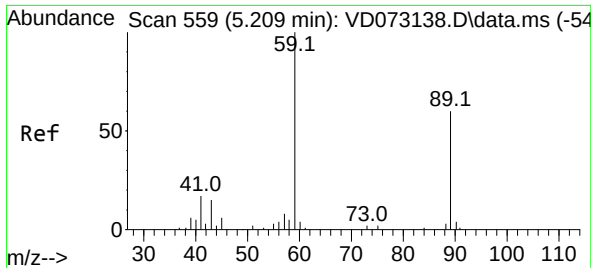
Tgt Ion:168 Resp: 314009
Ion Ratio Lower Upper
168 100
99 58.4 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD073339.D
Acq: 24 May 2022 23:29

Tgt Ion: 94 Resp: 1605
Ion Ratio Lower Upper
94 100
96 82.2 77.6 116.4

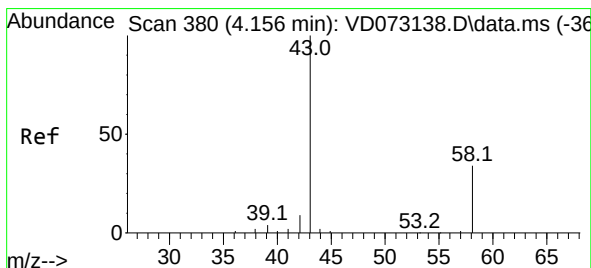
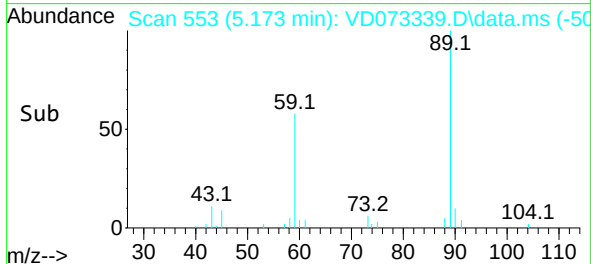
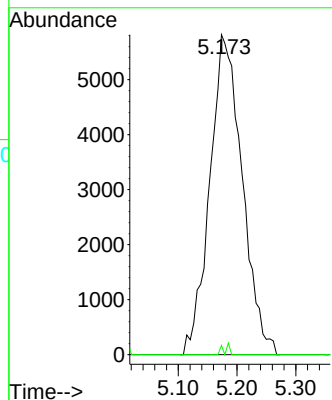
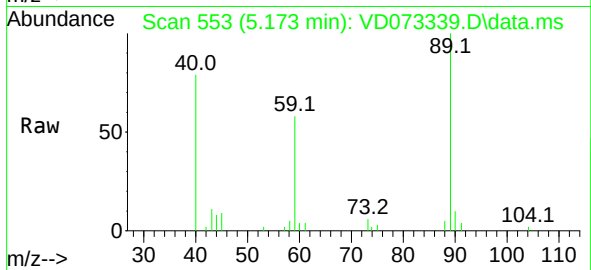




#11
Tert butyl alcohol
Concen: 41.314 ug/l
RT: 5.173 min Scan# 51
Delta R.T. -0.036 min
Lab File: VD073339.D
Acq: 24 May 2022 23:29

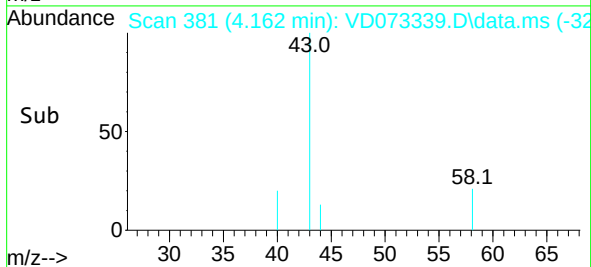
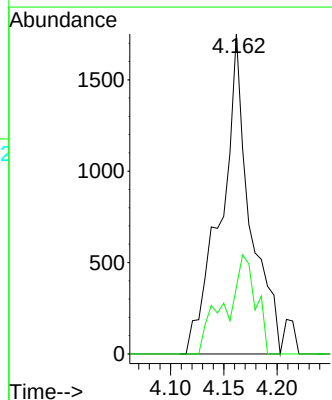
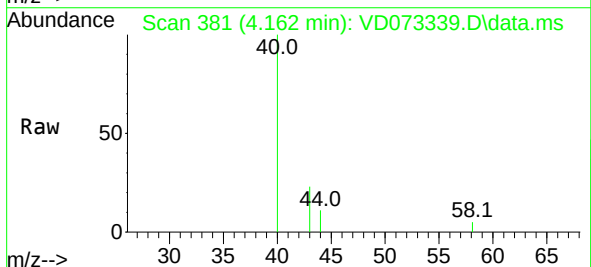
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBL02

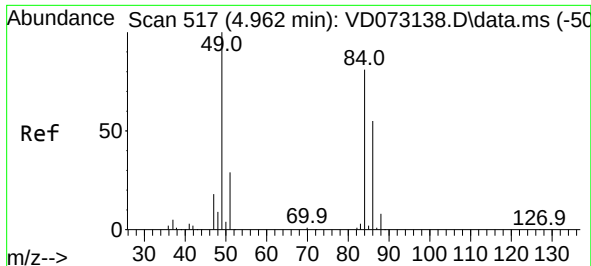
Tgt Ion: 59 Resp: 22244
Ion Ratio Lower Upper
59 100
57 0.3 7.8 11.6#



#16
Acetone
Concen: 5.497 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD073339.D
Acq: 24 May 2022 23:29

Tgt Ion: 43 Resp: 3304
Ion Ratio Lower Upper
43 100
58 20.8 22.1 33.1#

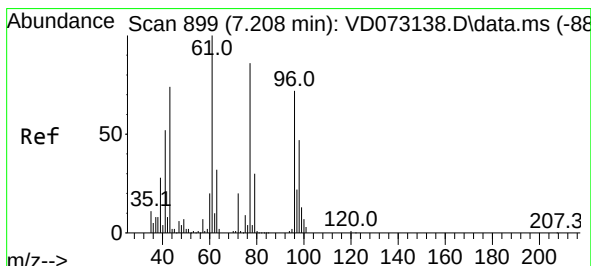
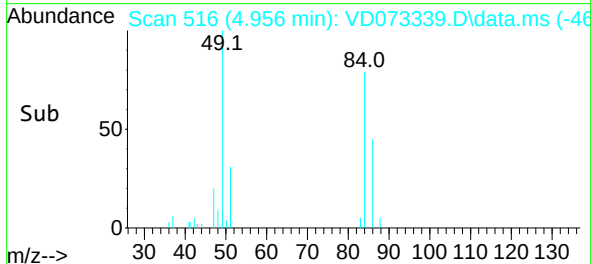
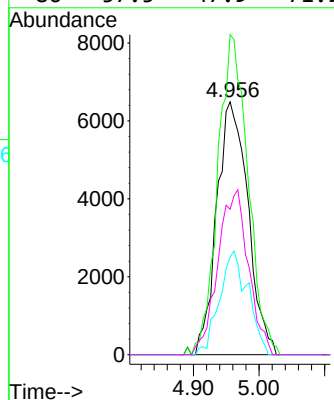
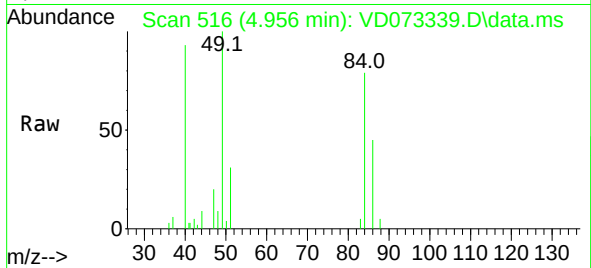




#20
Methylene Chloride
Concen: 1.788 ug/l
RT: 4.956 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD073339.D
Acq: 24 May 2022 23:29

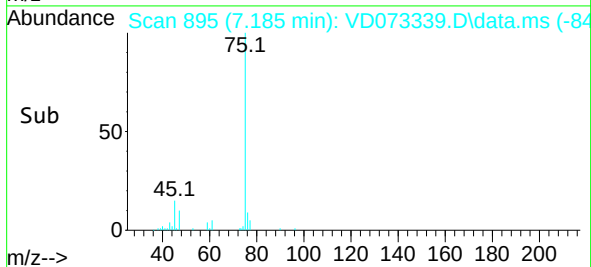
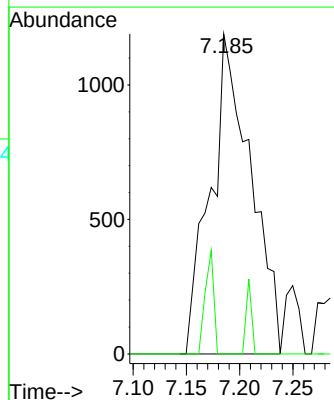
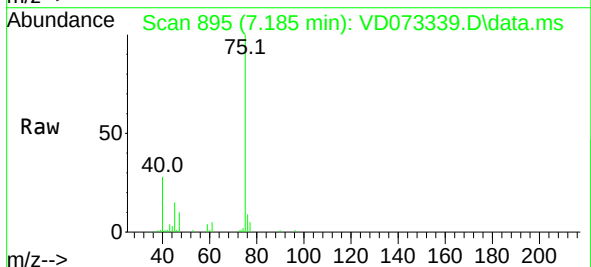
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBL02

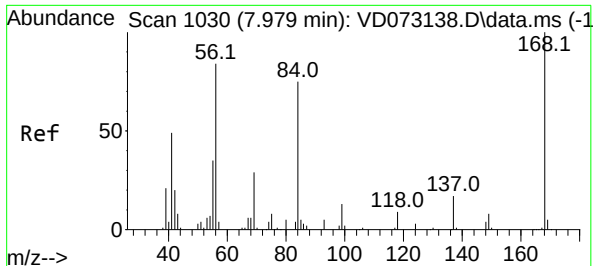
Tgt Ion:	84	Resp:	21495
Ion	Ratio	Lower	Upper
84	100		
49	126.6	112.8	169.2
51	38.7	32.6	48.8
86	57.5	47.9	71.9



#25
2-Butanone
Concen: 3.557 ug/l
RT: 7.185 min Scan# 895
Delta R.T. -0.023 min
Lab File: VD073339.D
Acq: 24 May 2022 23:29

Tgt Ion:	43	Resp:	3128
Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#

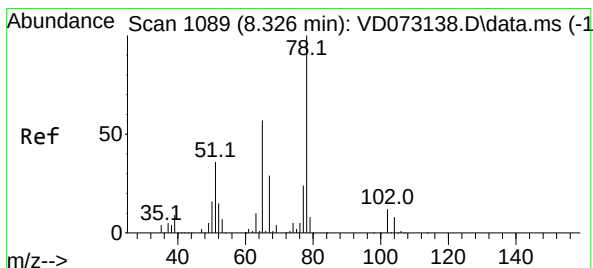
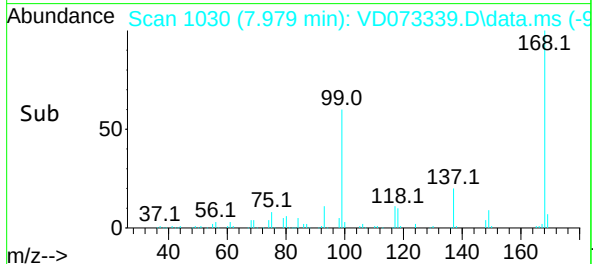
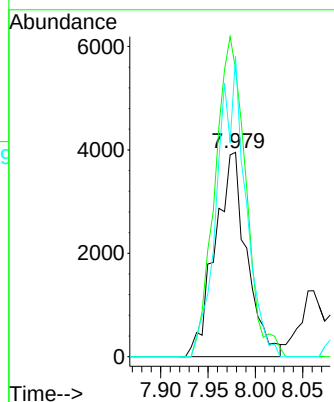
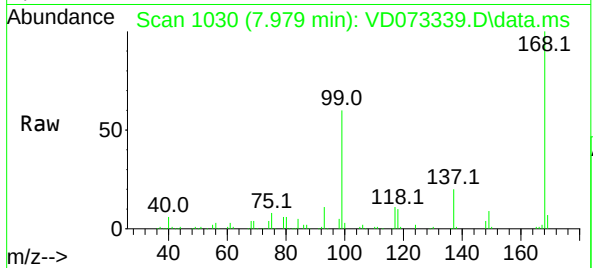




#31
Cyclohexane
Concen: 1.512 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD073339.D
Acq: 24 May 2022 23:29

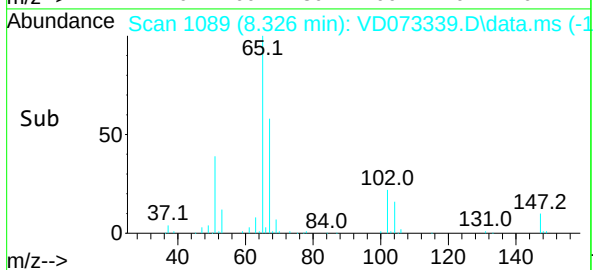
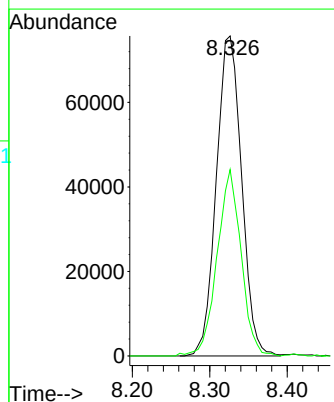
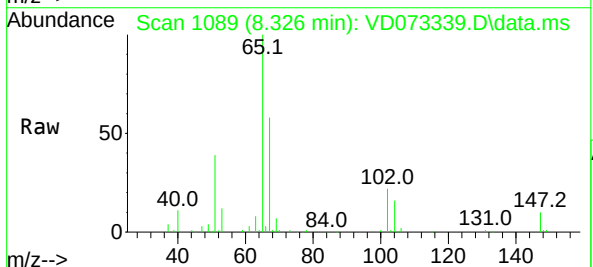
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBL02

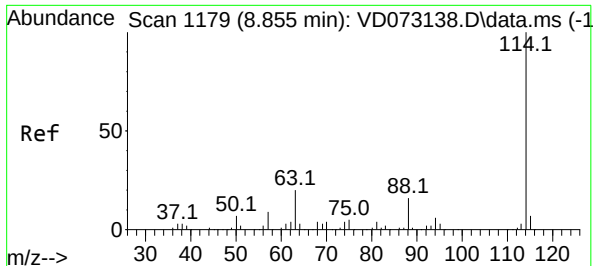
Tgt Ion: 56 Resp: 9168
Ion Ratio Lower Upper
56 100
69 140.8 25.4 38.2#
84 147.2 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 49.545 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073339.D
Acq: 24 May 2022 23:29

Tgt Ion: 65 Resp: 171932
Ion Ratio Lower Upper
65 100
67 55.2 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: VD073339.D

Acq: 24 May 2022 23:29

Instrument :

MSVOA_D

ClientSampleId :

VD0524SBL02

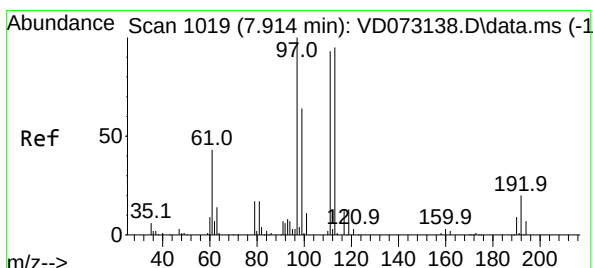
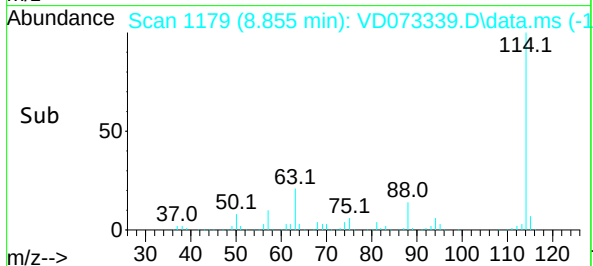
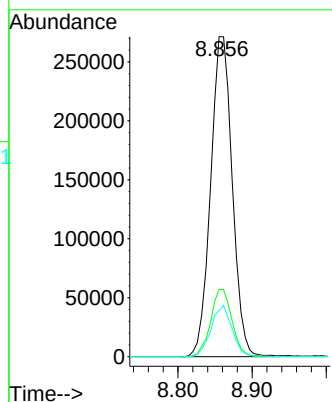
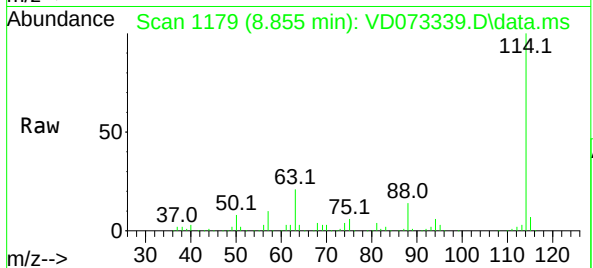
Tgt Ion:114 Resp: 550644

Ion Ratio Lower Upper

114 100

63 21.0 0.0 46.6

88 14.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.773 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD073339.D

Acq: 24 May 2022 23:29

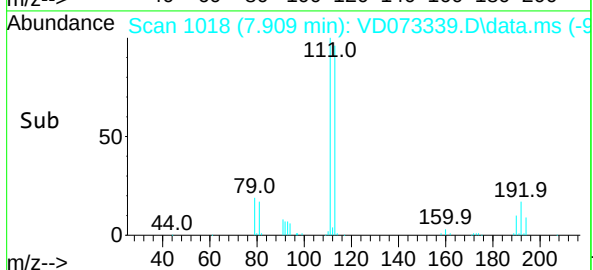
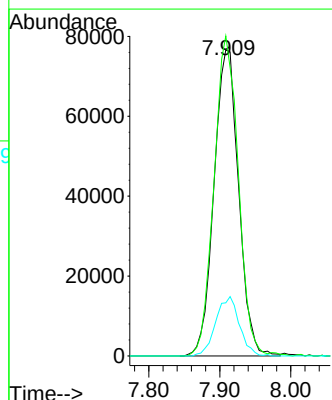
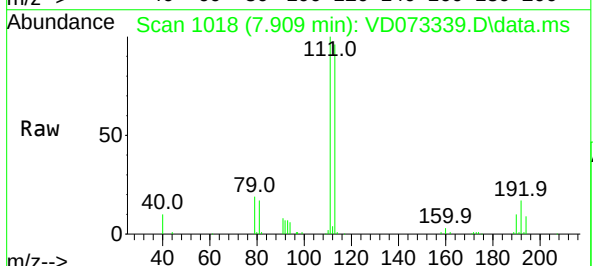
Tgt Ion:113 Resp: 184484

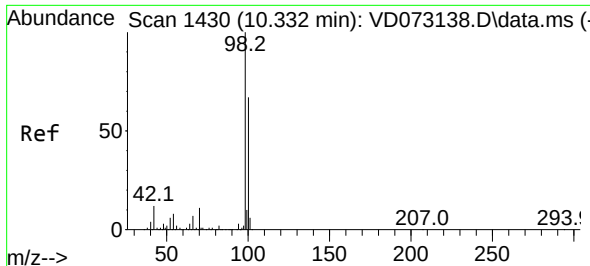
Ion Ratio Lower Upper

113 100

111 102.8 83.8 125.6

192 18.6 14.6 21.8

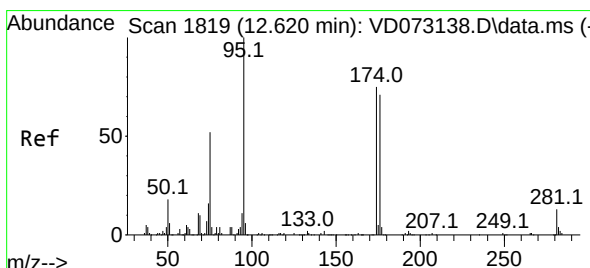
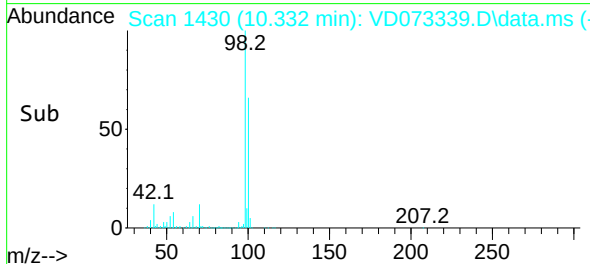
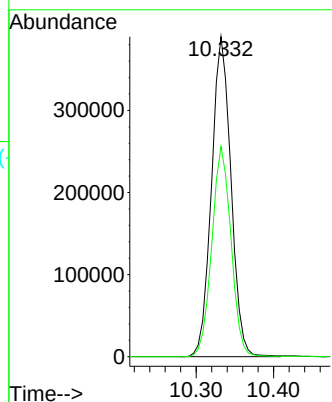
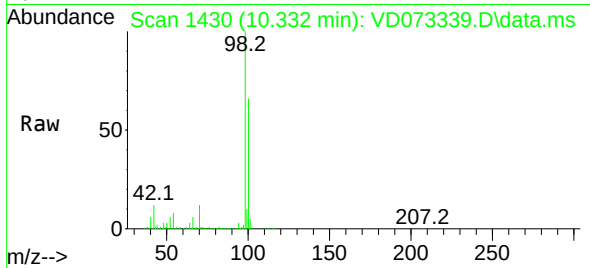




#50
Toluene-d8
Concen: 50.737 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073339.D
Acq: 24 May 2022 23:29

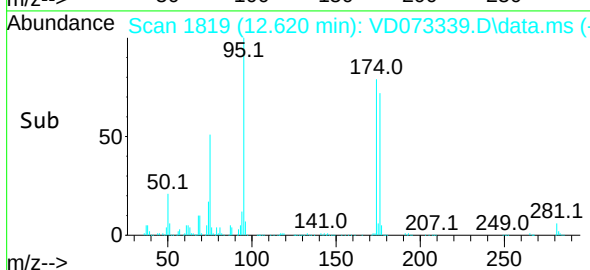
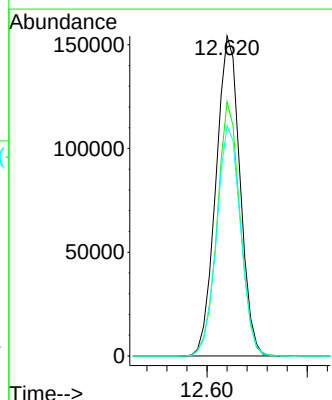
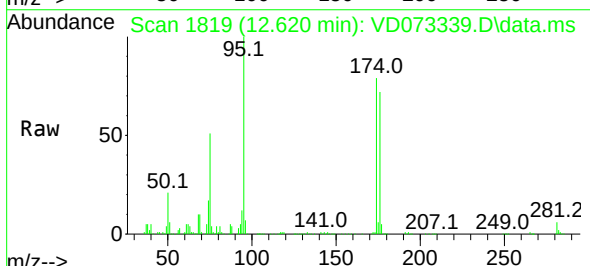
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VD0524SBL02

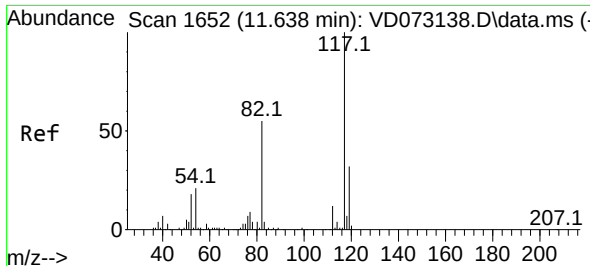
Tgt Ion: 98 Resp: 679568
Ion Ratio Lower Upper
98 100
100 64.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 54.693 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073339.D
Acq: 24 May 2022 23:29

Tgt Ion: 95 Resp: 257084
Ion Ratio Lower Upper
95 100
174 75.5 0.0 152.8
176 71.5 0.0 145.4

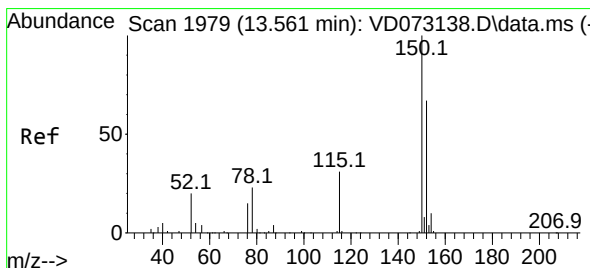
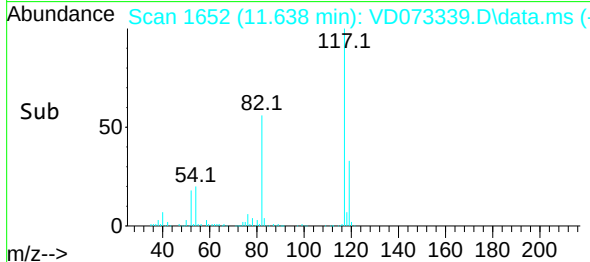
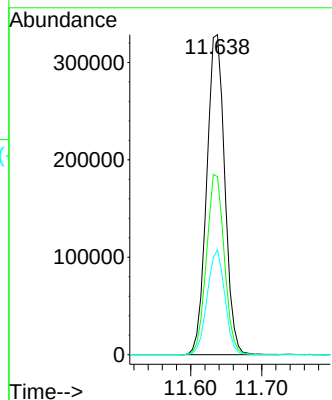
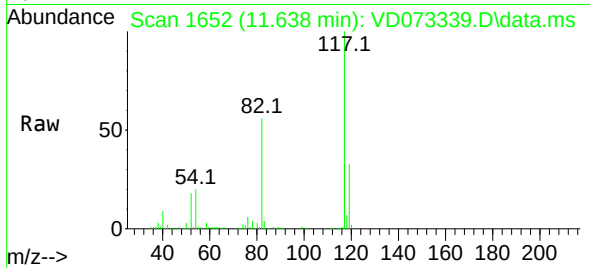




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073339.D
Acq: 24 May 2022 23:29

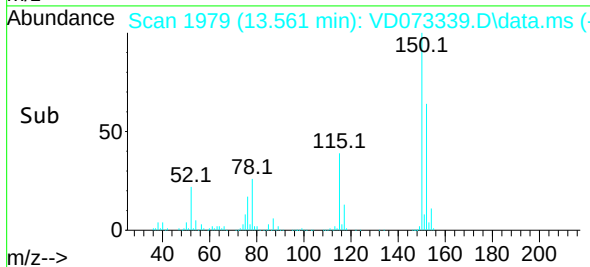
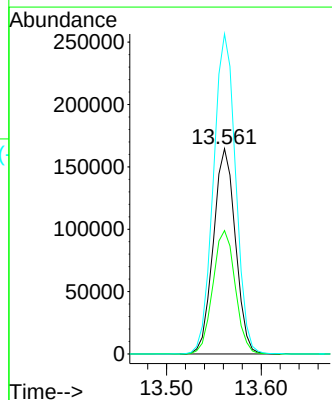
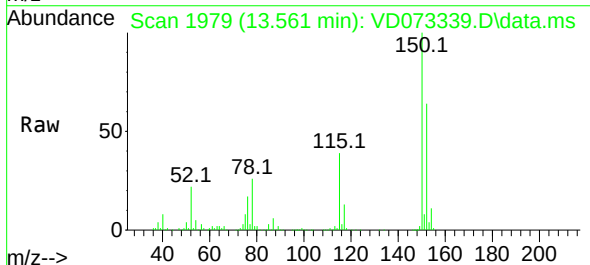
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBL02

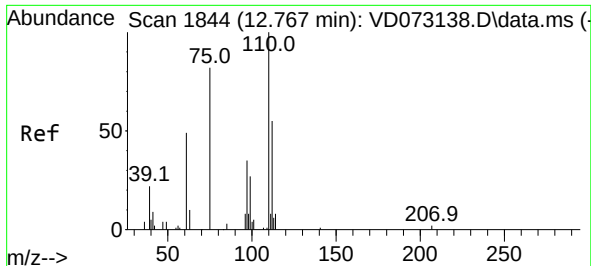
Tgt Ion:117 Resp: 580973
Ion Ratio Lower Upper
117 100
82 55.6 45.3 67.9
119 32.8 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073339.D
Acq: 24 May 2022 23:29

Tgt Ion:152 Resp: 266980
Ion Ratio Lower Upper
152 100
115 61.0 31.3 93.8
150 157.3 0.0 348.6

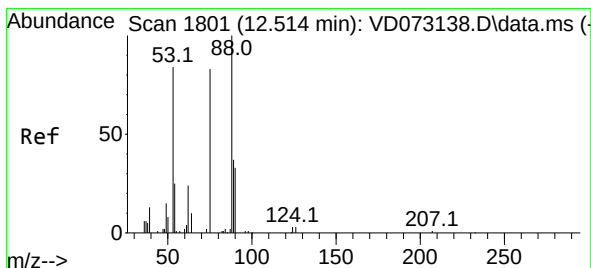
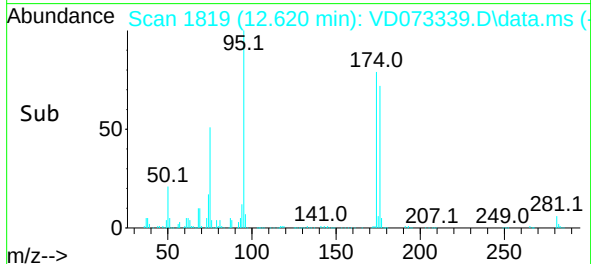
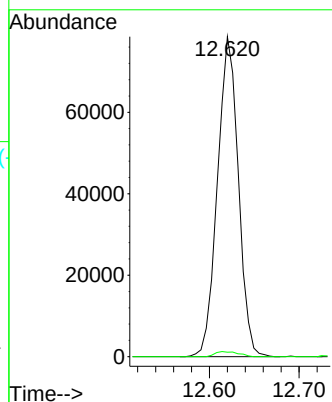
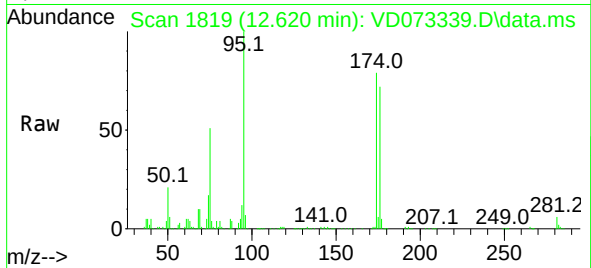




#76
1,2,3-Trichloropropane
Concen: 48.499 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073339.D
Acq: 24 May 2022 23:29

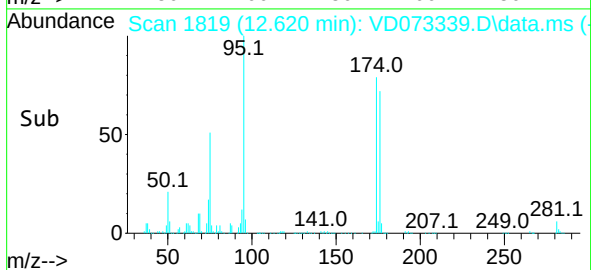
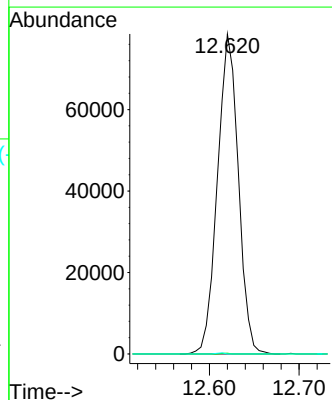
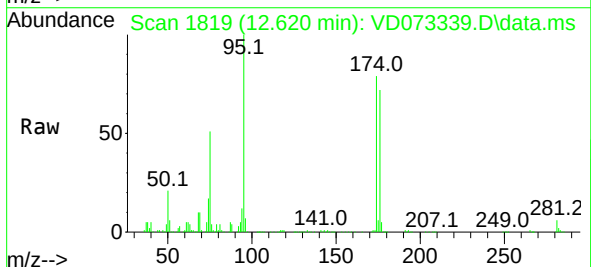
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBL02

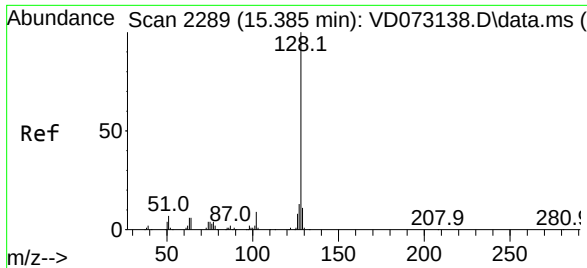
Tgt Ion: 75 Resp: 127044
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 116.430 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073339.D
Acq: 24 May 2022 23:29

Tgt Ion: 75 Resp: 127044
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.1 33.9 50.9#





#95

Naphthalene

Concen: 3.644 ug/l

RT: 15.390 min Scan# 21

Delta R.T. 0.005 min

Lab File: VD073339.D

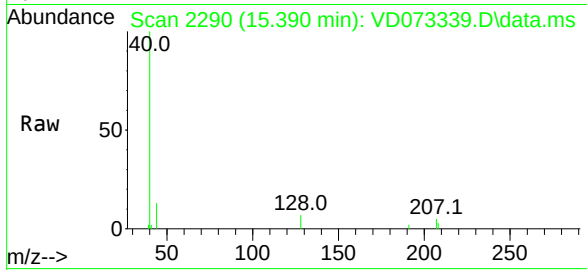
Acq: 24 May 2022 23:29

Instrument :

MSVOA_D

ClientSampleId :

VD0524SBL02



Tgt Ion:128 Resp: 967

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.4 12.6#

