

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
 Data File : VD073113.D
 Acq On : 18 May 2022 23:25
 Operator : VA/SY
 Sample : VD0518SBL02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0518SBL02

Quant Time: May 19 04:49:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:58:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	306138	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	540228	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	553823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	252726	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	163888	42.807	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.620%
35) Dibromofluoromethane	7.909	113	184916	48.752	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.500%
50) Toluene-d8	10.332	98	667445	48.505	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.020%
62) 4-Bromofluorobenzene	12.620	95	236244	47.401	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.800%

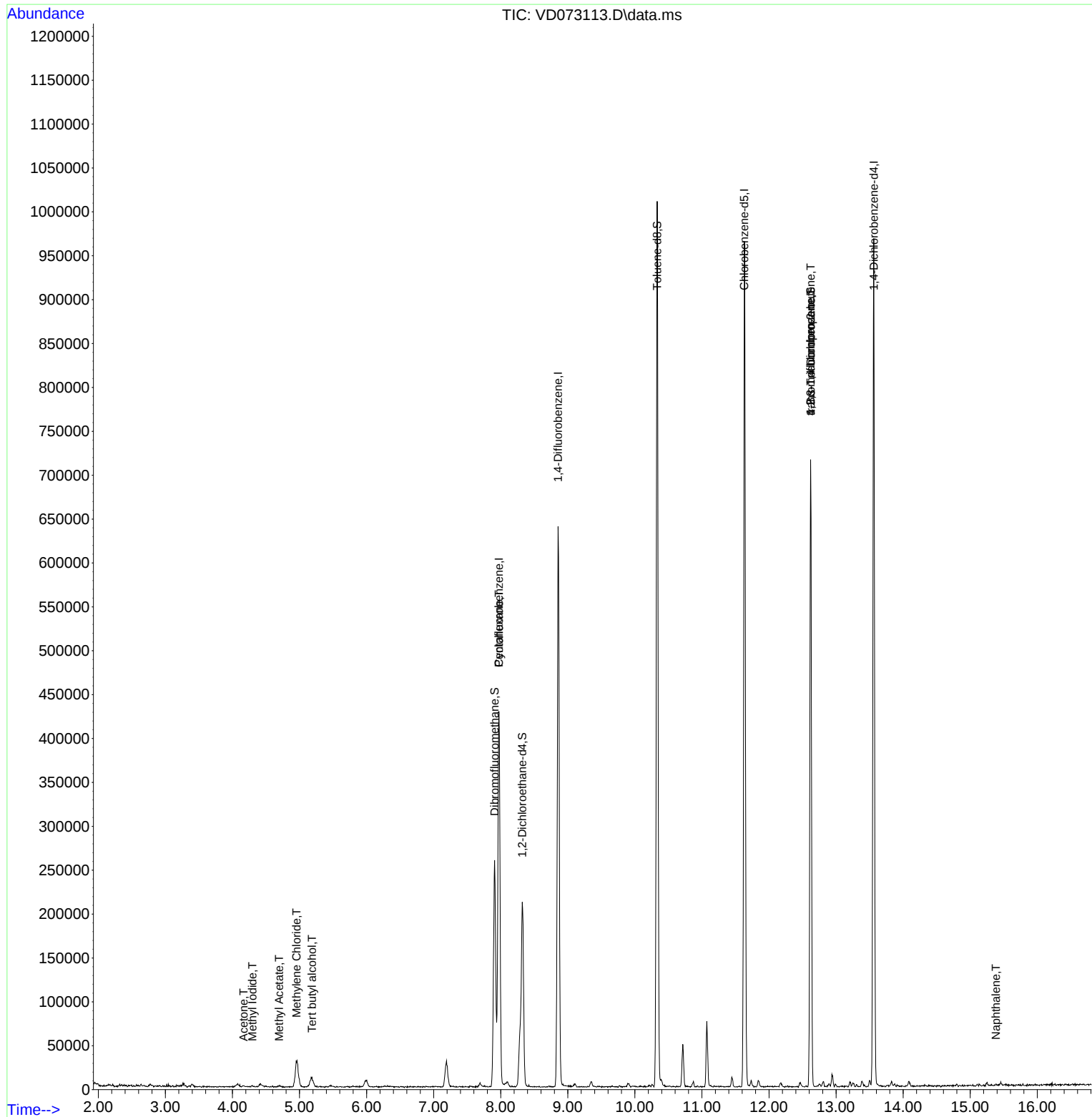
Target Compounds					Qvalue	
10) Methyl Iodide	4.297	142	1413	4.562	ug/l #	66
11) Tert butyl alcohol	5.185	59	9158	15.465	ug/l #	74
16) Acetone	4.168	43	1888	2.725	ug/l #	89
18) Methyl Acetate	4.697	43	57	1.486	ug/l #	55
20) Methylene Chloride	4.956	84	23596	4.693	ug/l #	75
31) Cyclohexane	7.973	56	9097	1.319	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	121454	42.512	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	121454	101.935	ug/l #	7
95) Naphthalene	15.385	128	932	4.347	ug/l #	70

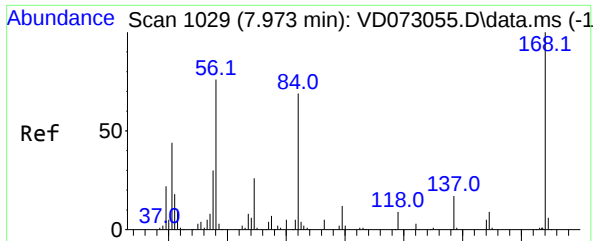
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
Data File : VD073113.D
Acq On : 18 May 2022 23:25
Operator : VA/SY
Sample : VD0518SBL02
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBL02

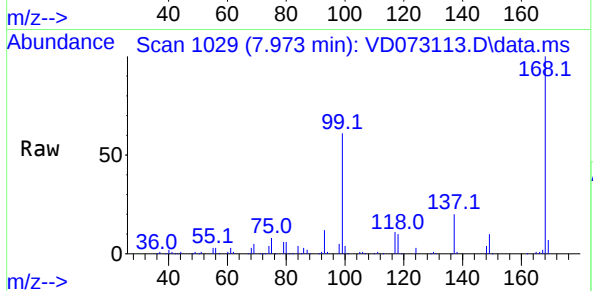
Quant Time: May 19 04:49:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
Quant Title : SW846 8260
QLast Update : Wed May 18 04:58:34 2022
Response via : Initial Calibration



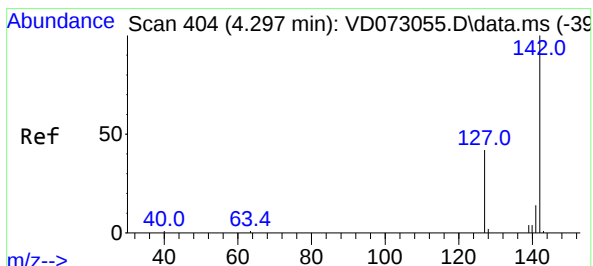
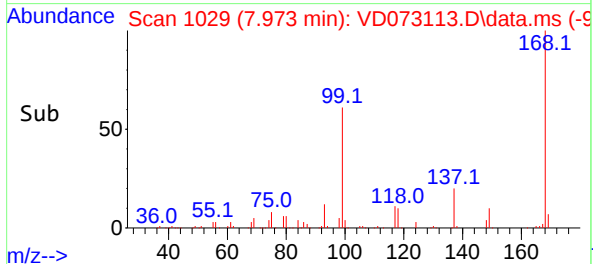
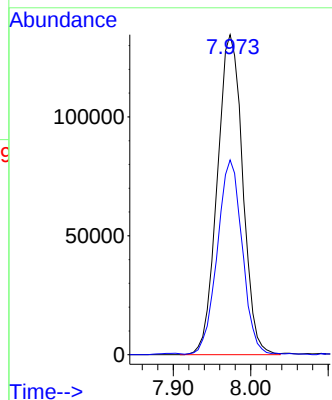


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073113.D
Acq: 18 May 2022 23:25

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBL02

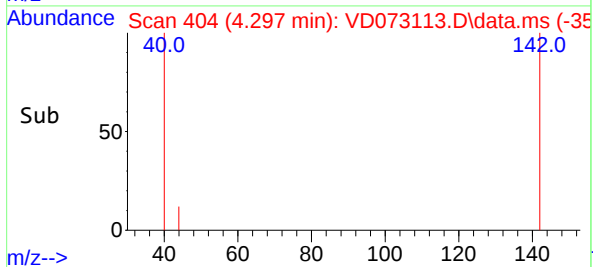
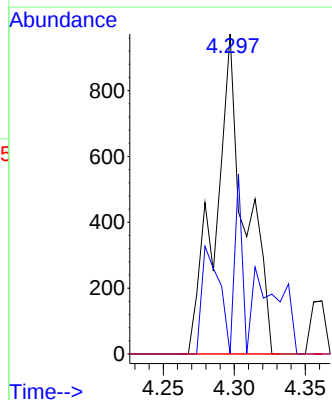
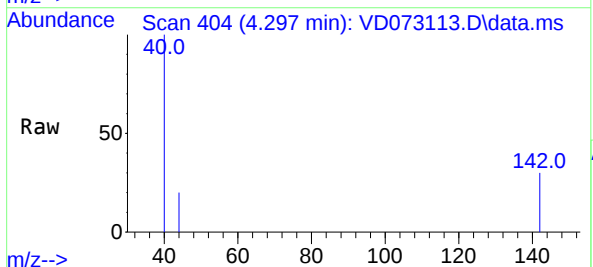


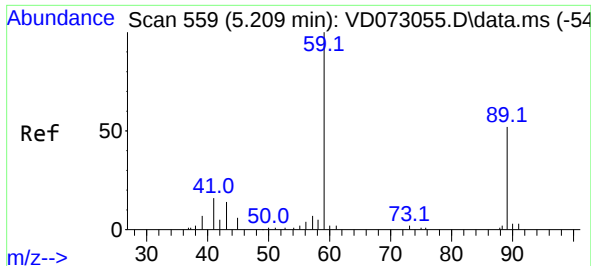
Tgt Ion:168 Resp: 306138
Ion Ratio Lower Upper
168 100
99 60.6 49.8 74.6



#10
Methyl Iodide
Concen: 4.562 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD073113.D
Acq: 18 May 2022 23:25

Tgt Ion:142 Resp: 1413
Ion Ratio Lower Upper
142 100
127 24.5 37.3 55.9#
141 0.0 11.7 17.5#

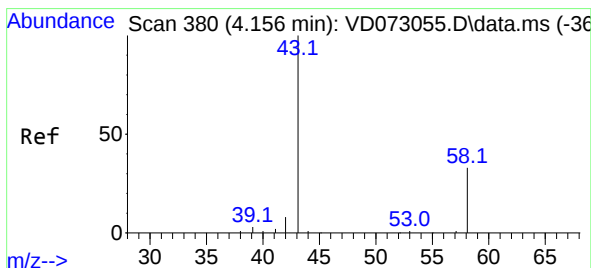
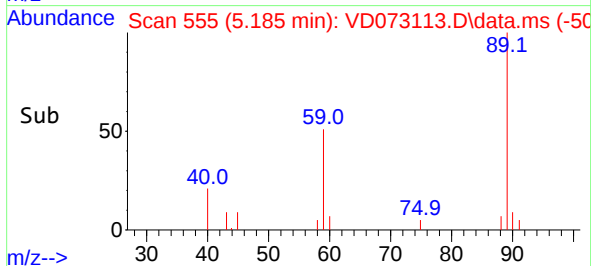
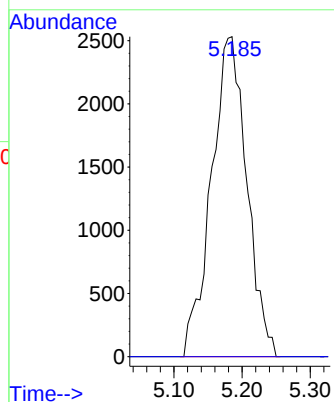
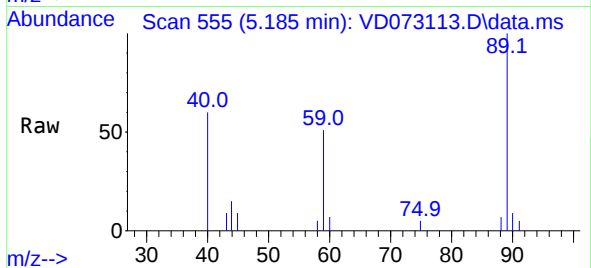




#11
Tert butyl alcohol
Concen: 15.465 ug/l
RT: 5.185 min Scan# 51
Delta R.T. -0.024 min
Lab File: VD073113.D
Acq: 18 May 2022 23:25

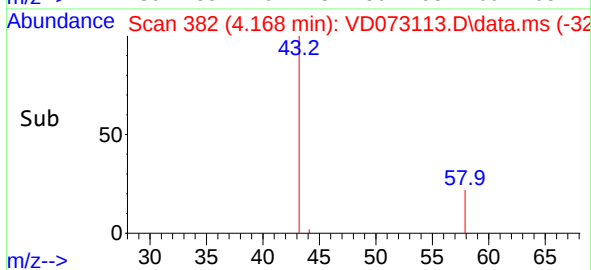
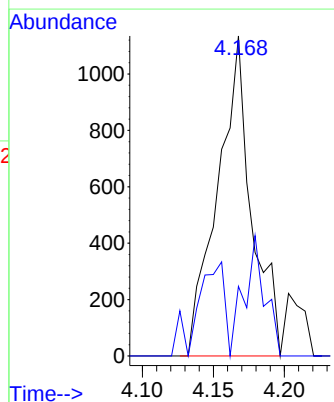
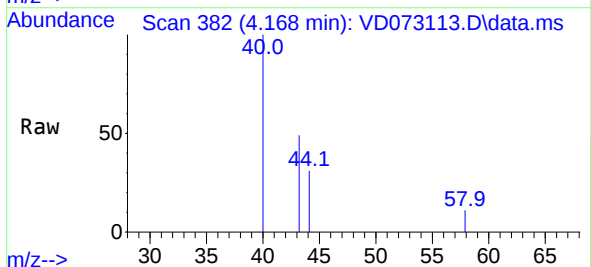
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBL02

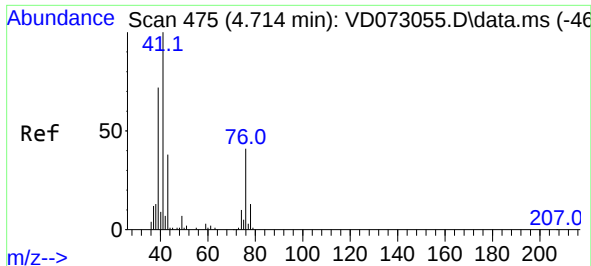
Tgt Ion: 59 Resp: 9158
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 2.725 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD073113.D
Acq: 18 May 2022 23:25

Tgt Ion: 43 Resp: 1888
Ion Ratio Lower Upper
43 100
58 21.8 22.1 33.1#

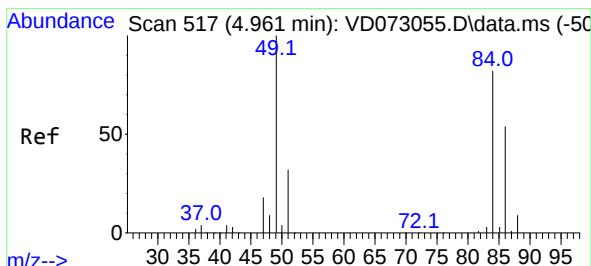
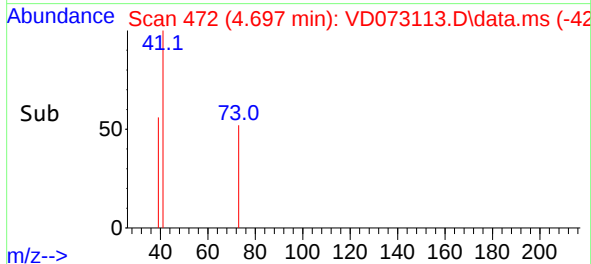
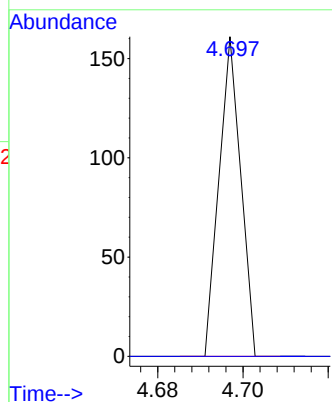
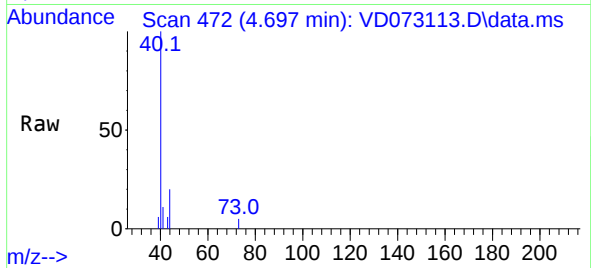




#18
Methyl Acetate
Concen: 1.486 ug/l
RT: 4.697 min Scan# 41
Delta R.T. -0.017 min
Lab File: VD073113.D
Acq: 18 May 2022 23:25

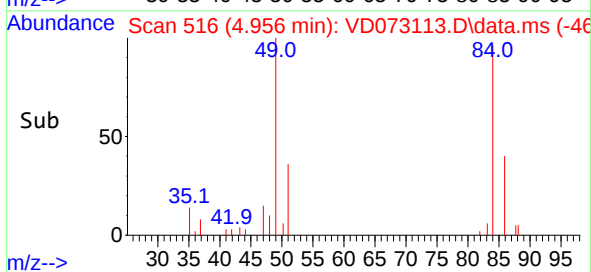
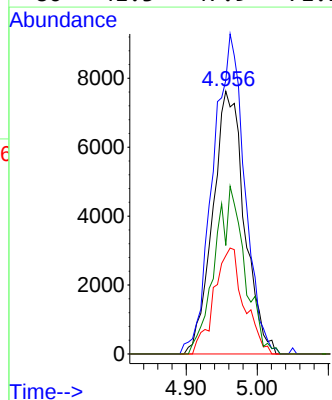
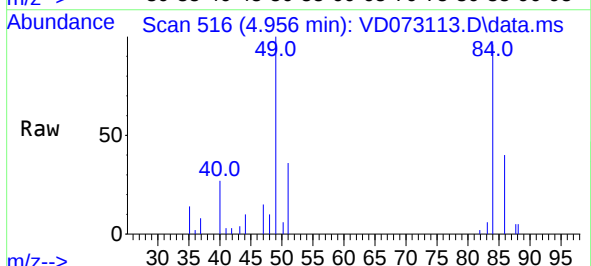
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBL02

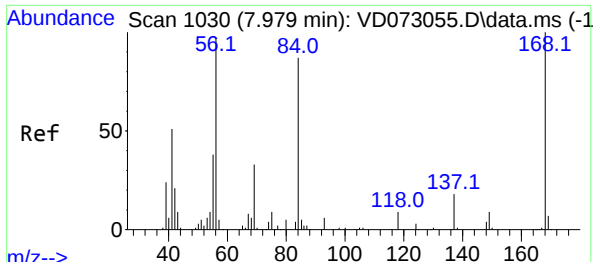
Tgt Ion: 43 Resp: 57
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#20
Methylene Chloride
Concen: 4.693 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD073113.D
Acq: 18 May 2022 23:25

Tgt Ion: 84 Resp: 23596
Ion Ratio Lower Upper
84 100
49 104.1 112.8 169.2#
51 37.4 32.6 48.8
86 41.3 47.9 71.9#

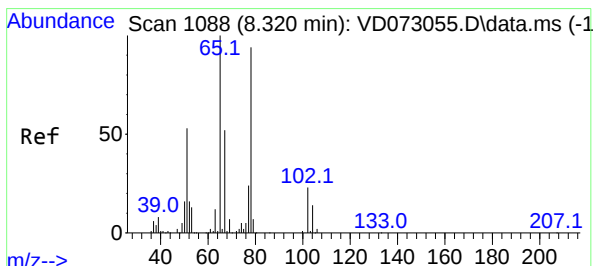
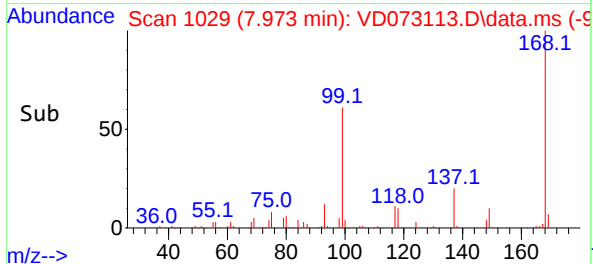
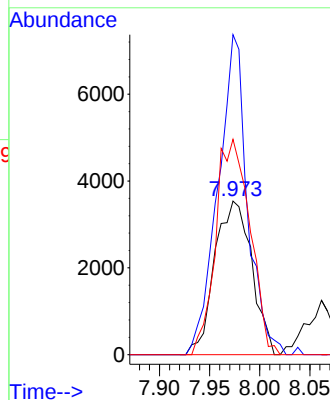
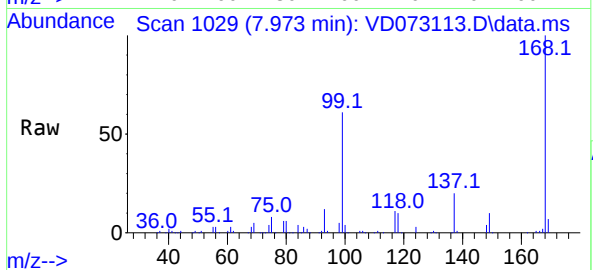




#31
Cyclohexane
Concen: 1.319 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073113.D
Acq: 18 May 2022 23:25

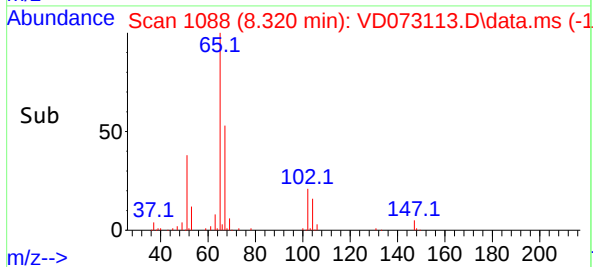
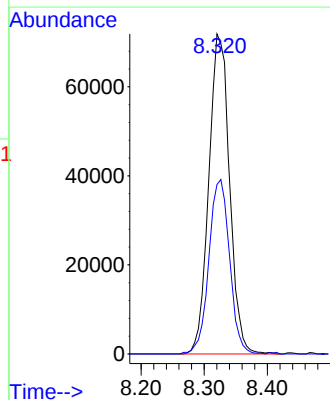
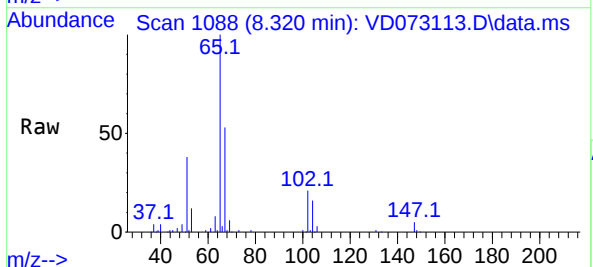
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBL02

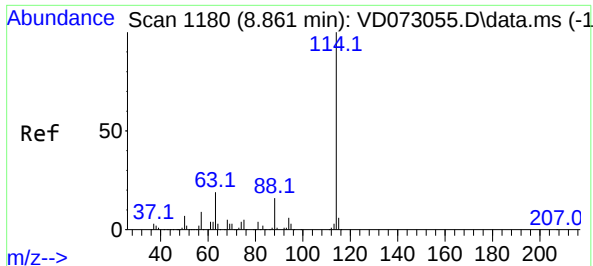
Tgt Ion: 56 Resp: 9097
Ion Ratio Lower Upper
56 100
69 208.2 25.4 38.2#
84 140.1 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 42.807 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073113.D
Acq: 18 May 2022 23:25

Tgt Ion: 65 Resp: 163888
Ion Ratio Lower Upper
65 100
67 54.4 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD073113.D

Acq: 18 May 2022 23:25

Instrument :

MSVOA_D

ClientSampleId :

VD0518SBL02

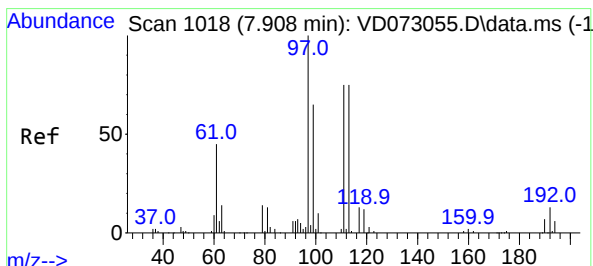
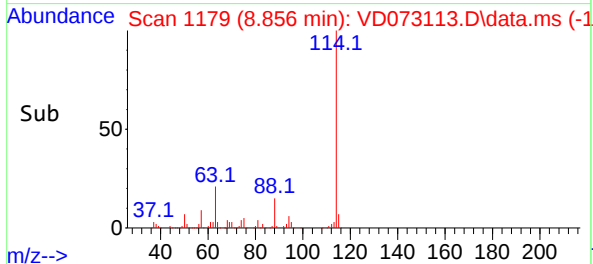
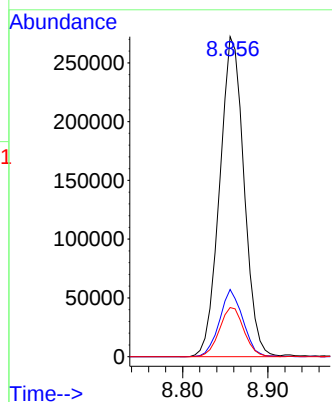
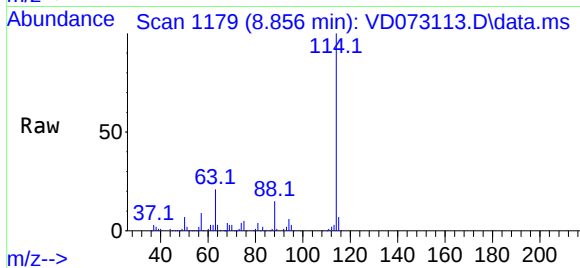
Tgt Ion:114 Resp: 540228

Ion Ratio Lower Upper

114 100

63 21.0 0.0 46.6

88 15.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.752 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073113.D

Acq: 18 May 2022 23:25

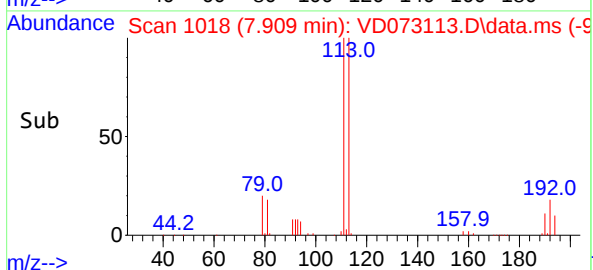
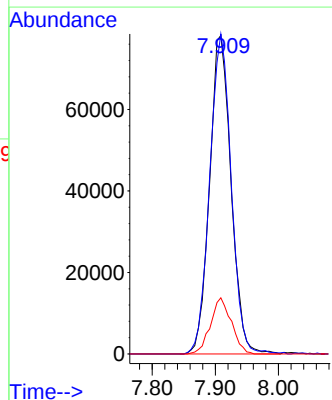
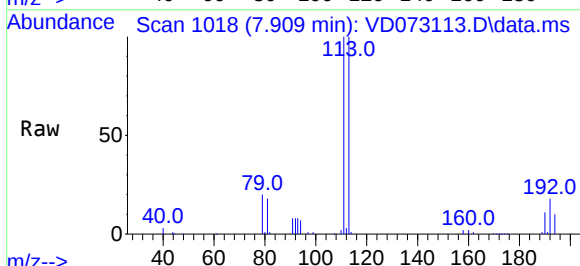
Tgt Ion:113 Resp: 184916

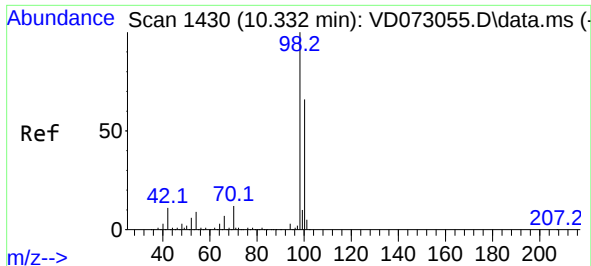
Ion Ratio Lower Upper

113 100

111 100.5 83.8 125.6

192 17.1 14.6 21.8

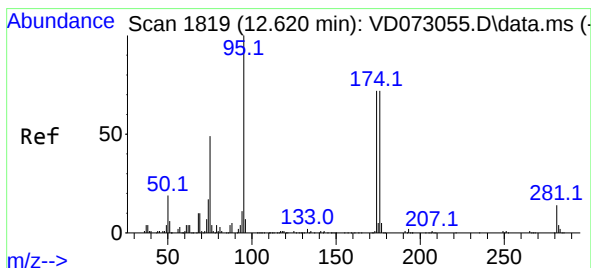
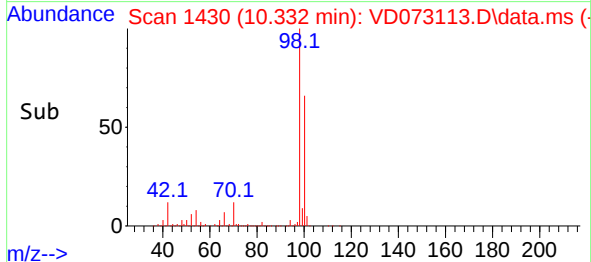
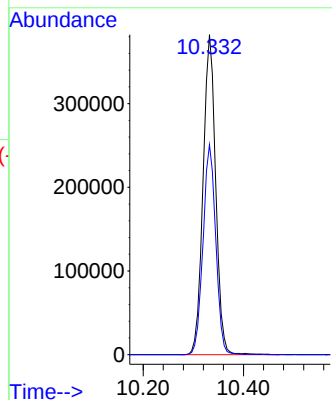
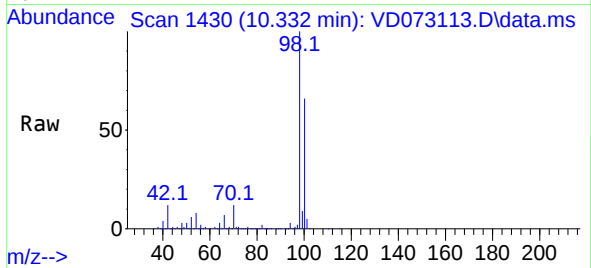




#50
Toluene-d8
Concen: 48.505 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073113.D
Acq: 18 May 2022 23:25

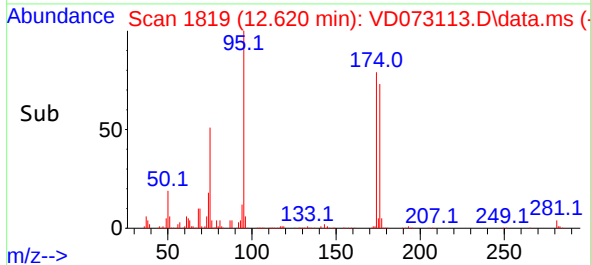
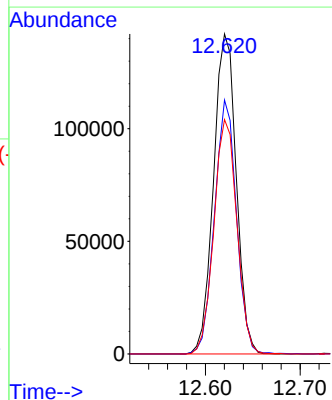
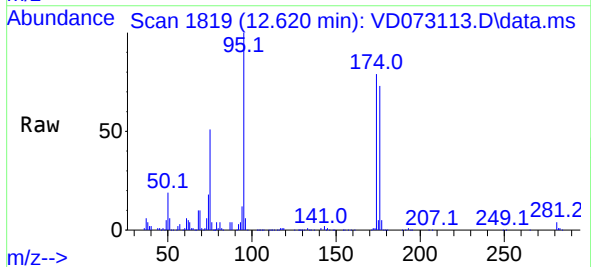
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBL02

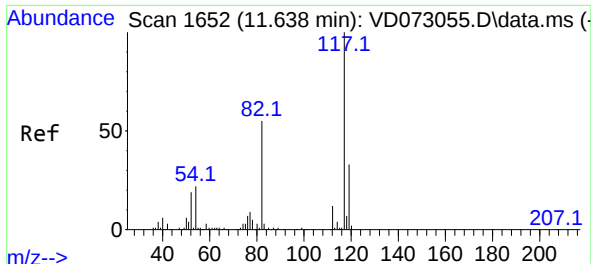
Tgt Ion: 98 Resp: 667445
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 47.401 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073113.D
Acq: 18 May 2022 23:25

Tgt Ion: 95 Resp: 236244
Ion Ratio Lower Upper
95 100
174 77.0 0.0 152.8
176 74.3 0.0 145.4

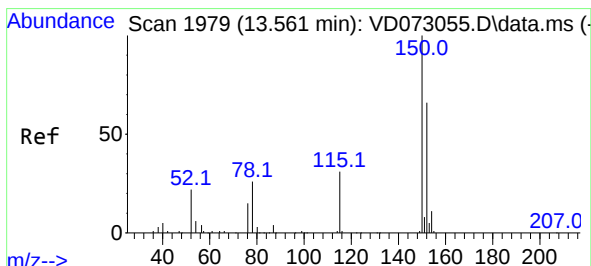
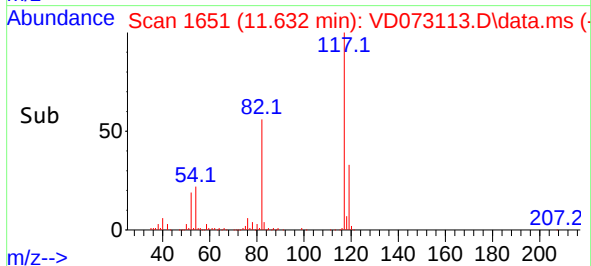
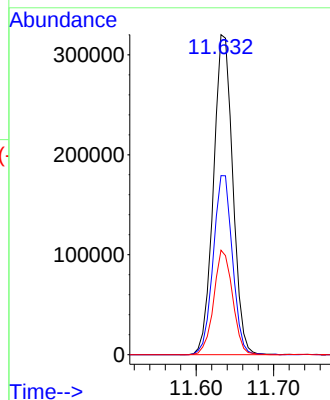
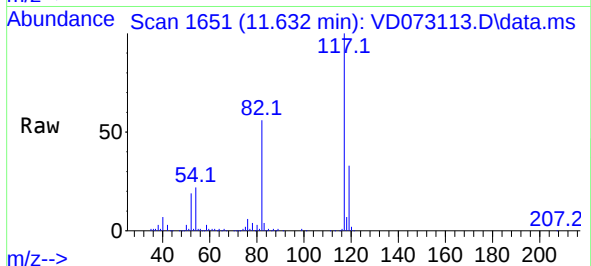




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073113.D
Acq: 18 May 2022 23:25

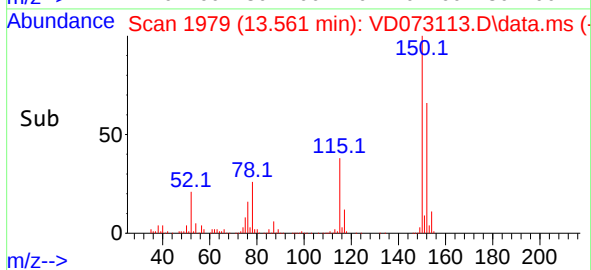
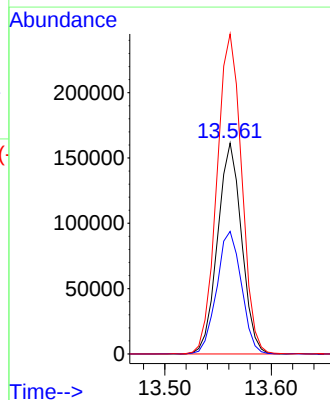
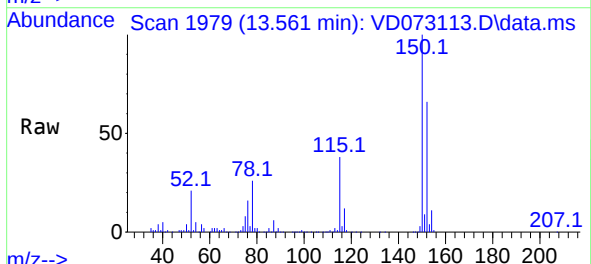
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBL02

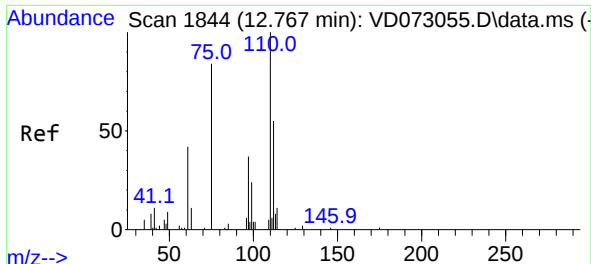
Tgt Ion:117 Resp: 553823
Ion Ratio Lower Upper
117 100
82 55.9 45.3 67.9
119 32.7 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073113.D
Acq: 18 May 2022 23:25

Tgt Ion:152 Resp: 252726
Ion Ratio Lower Upper
152 100
115 59.8 31.3 93.8
150 156.4 0.0 348.6

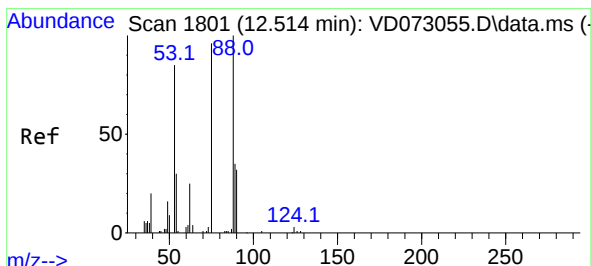
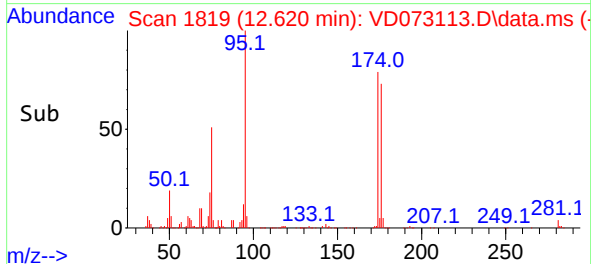
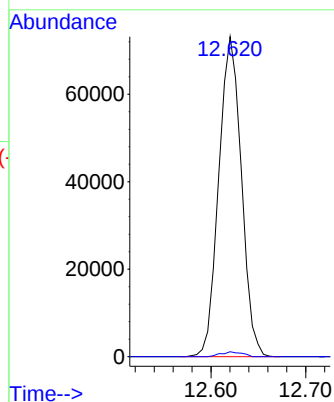
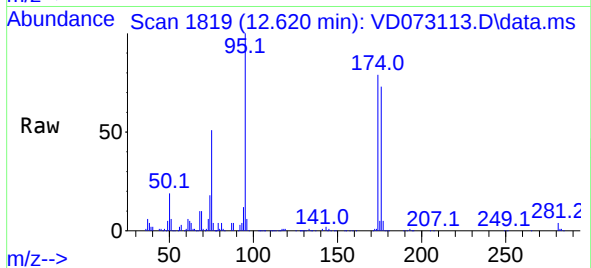




#76
1,2,3-Trichloropropane
Concen: 42.512 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073113.D
Acq: 18 May 2022 23:25

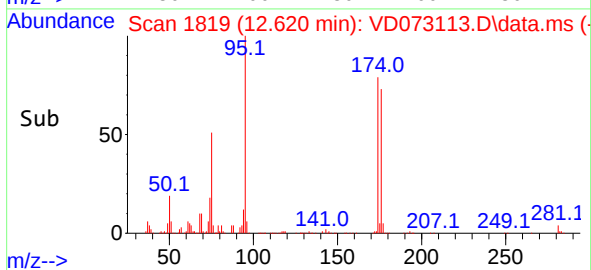
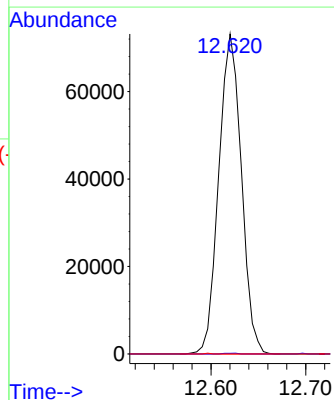
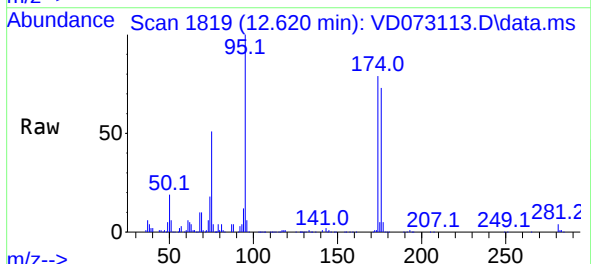
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBL02

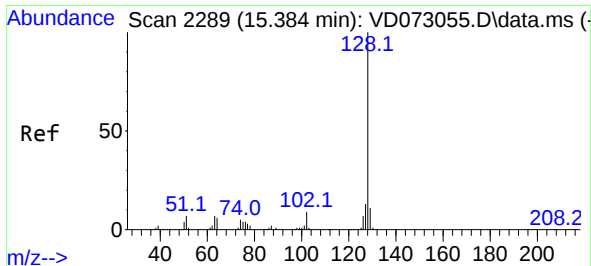
Tgt Ion: 75 Resp: 121454
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.935 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073113.D
Acq: 18 May 2022 23:25

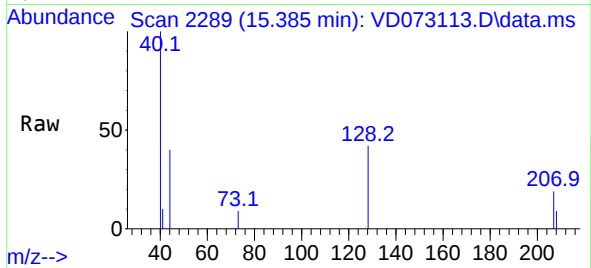
Tgt Ion: 75 Resp: 121454
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.0 33.9 50.9#





#95
 Naphthalene
 Concen: 4.347 ug/l
 RT: 15.385 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: VD073113.D
 Acq: 18 May 2022 23:25

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0518SBL02



Tgt Ion:	128	Resp:	932
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.4	12.6#

