

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060122\
 Data File : VD073455.D
 Acq On : 01 Jun 2022 18:43
 Operator : VA/SY
 Sample : N3108-01
 Misc : 5.25G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NP-1

Quant Time: Jun 02 08:52:50 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)

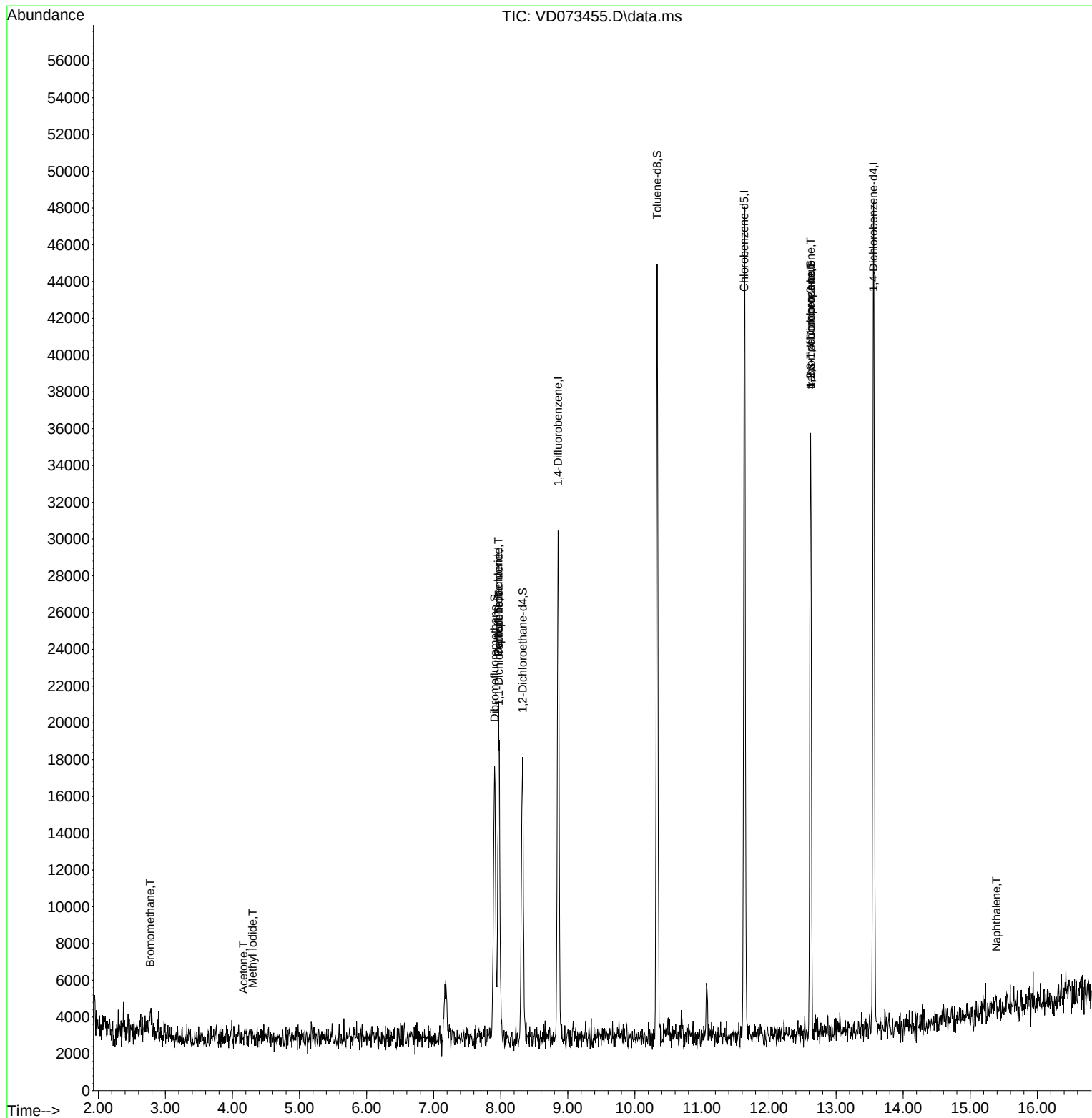
Internal Standards						
1) Pentafluorobenzene	7.967	168	12949	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	23629	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	27250	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	13276	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	12181	85.119	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 170.240%#		
35) Dibromofluoromethane	7.909	113	10824	69.420	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 138.840%		
50) Toluene-d8	10.332	98	28518	49.617	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 99.240%		
62) 4-Bromofluorobenzene	12.620	95	11719	58.099	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 116.200%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.774	94	612	3.372	ug/l	89
10) Methyl Iodide	4.303	142	357	2.344	ug/l #	38
16) Acetone	4.162	43	171	6.899	ug/l #	47
20) Methylene Chloride	4.962	84	264	Below Cal	#	2
36) 1,1-Dichloropropene	7.973	75	1187	5.062	ug/l #	43
38) Carbon Tetrachloride	7.967	117	1346	5.662	ug/l #	13
76) 1,2,3-Trichloropropane	12.620	75	5563	42.707	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	5563	102.526	ug/l #	7
95) Naphthalene	15.390	128	55	3.659	ug/l #	70

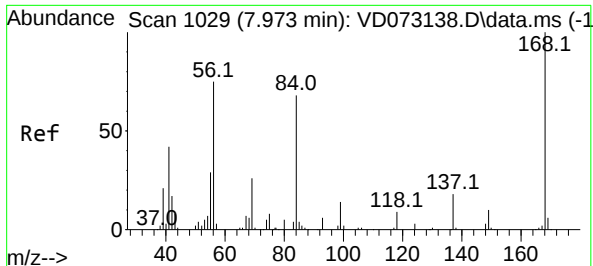
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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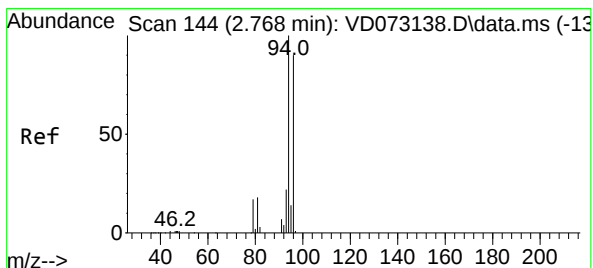
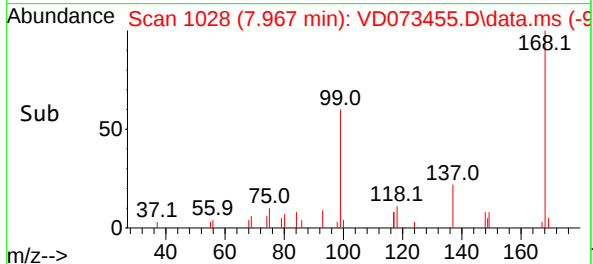
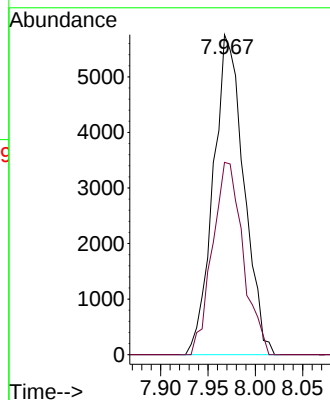
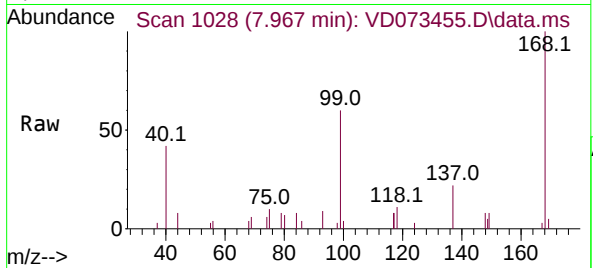




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD073455.D
Acq: 01 Jun 2022 18:43

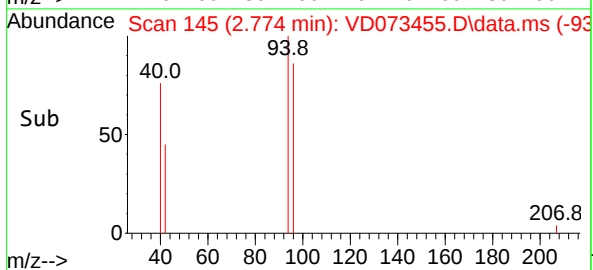
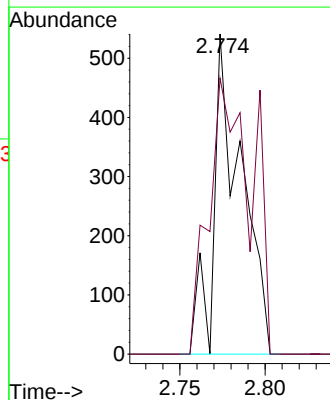
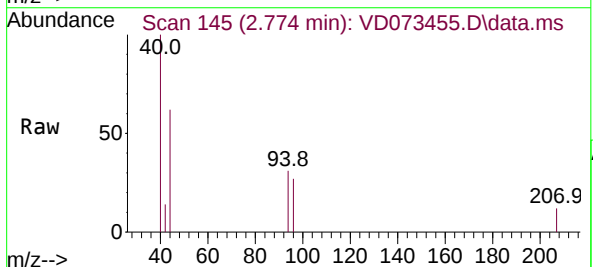
Instrument :
MSVOA_D
ClientSampleId :
NP-1

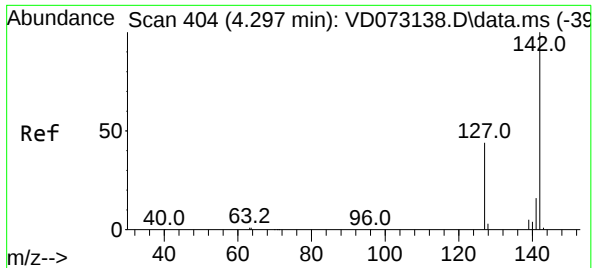
Tgt Ion:168 Resp: 12949
Ion Ratio Lower Upper
168 100
99 60.1 49.8 74.6



#5
Bromomethane
Concen: 3.372 ug/l
RT: 2.774 min Scan# 145
Delta R.T. 0.006 min
Lab File: VD073455.D
Acq: 01 Jun 2022 18:43

Tgt Ion: 94 Resp: 612
Ion Ratio Lower Upper
94 100
96 86.1 77.6 116.4

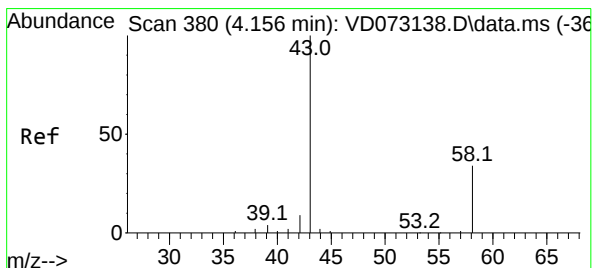
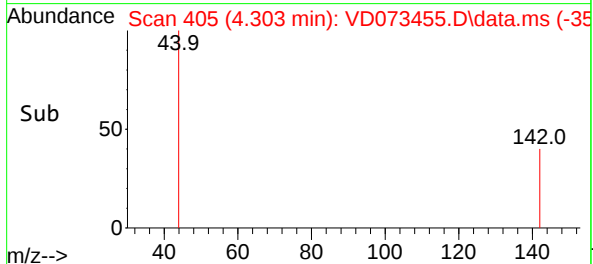
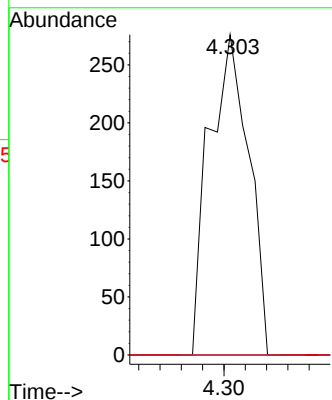
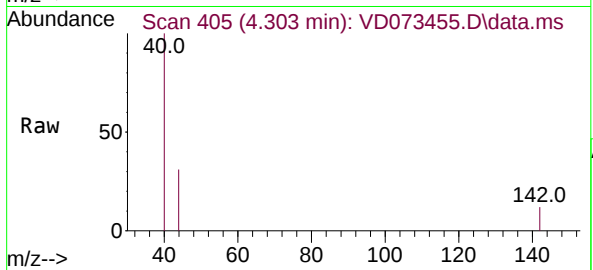




#10
Methyl Iodide
Concen: 2.344 ug/l
RT: 4.303 min Scan# 404
Delta R.T. 0.006 min
Lab File: VD073455.D
Acq: 01 Jun 2022 18:43

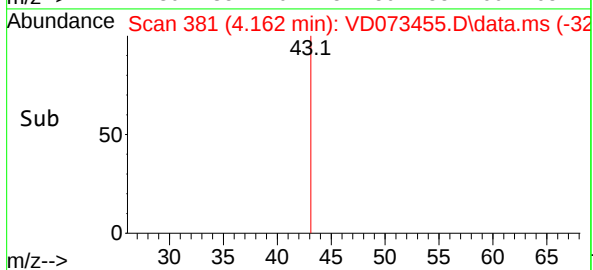
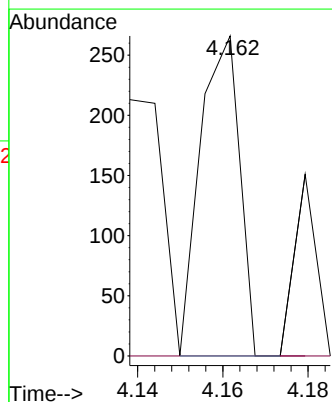
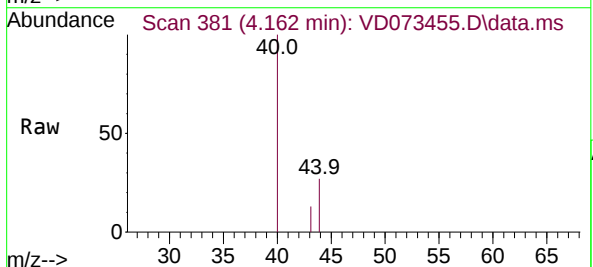
Instrument :
MSVOA_D
ClientSampleId :
NP-1

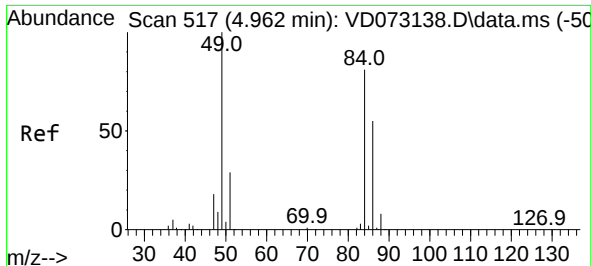
Tgt Ion:142 Resp: 357
Ion Ratio Lower Upper
142 100
127 0.0 37.3 55.9#
141 0.0 11.7 17.5#



#16
Acetone
Concen: 6.899 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD073455.D
Acq: 01 Jun 2022 18:43

Tgt Ion: 43 Resp: 171
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#

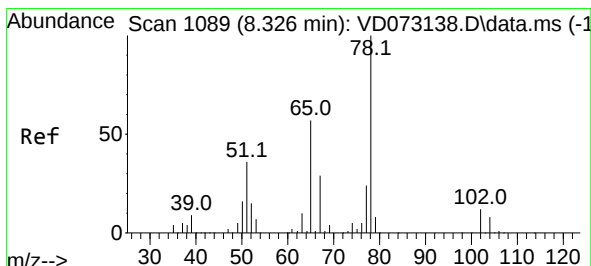
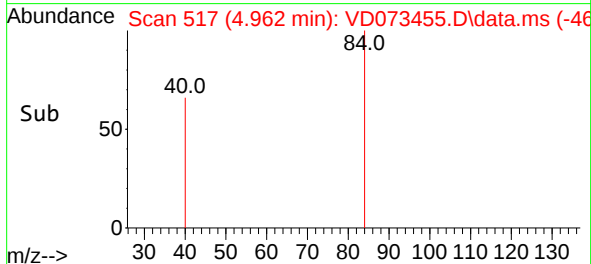
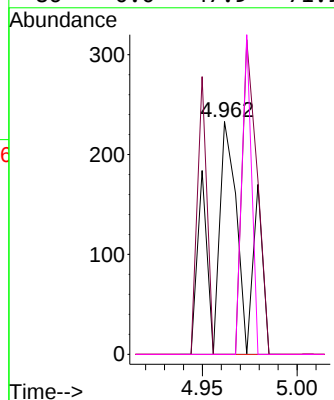
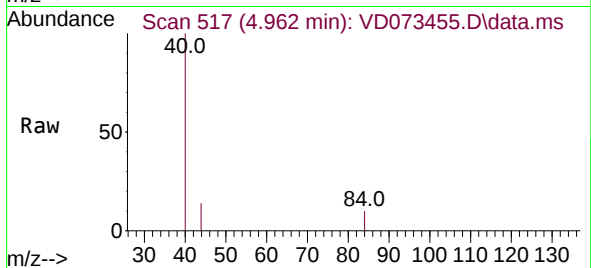




#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD073455.D
Acq: 01 Jun 2022 18:43

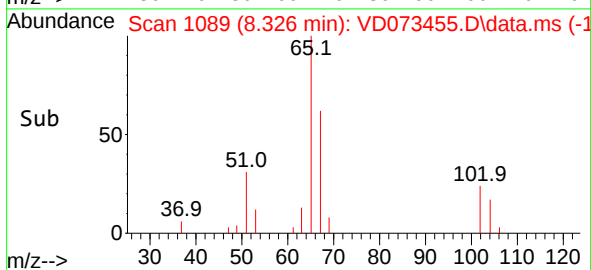
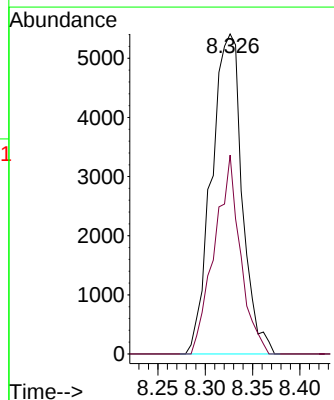
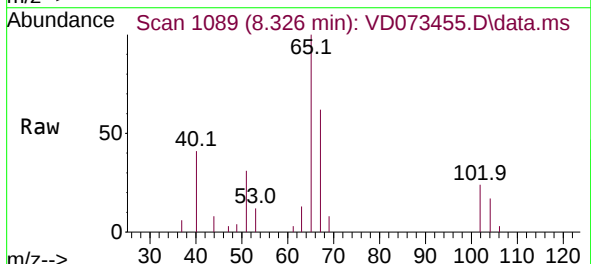
Instrument :
MSVOA_D
ClientSampleId :
NP-1

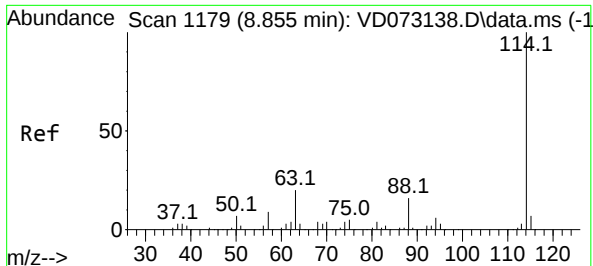
Tgt Ion:	84	Resp:	264
Ion	Ratio	Lower	Upper
84	100		
49	0.0	112.8	169.2#
51	0.0	32.6	48.8#
86	0.0	47.9	71.9#



#33
1,2-Dichloroethane-d4
Concen: 85.119 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073455.D
Acq: 01 Jun 2022 18:43

Tgt Ion:	65	Resp:	12181
Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD073455.D

Acq: 01 Jun 2022 18:43

Instrument :

MSVOA_D

ClientSampleId :

NP-1

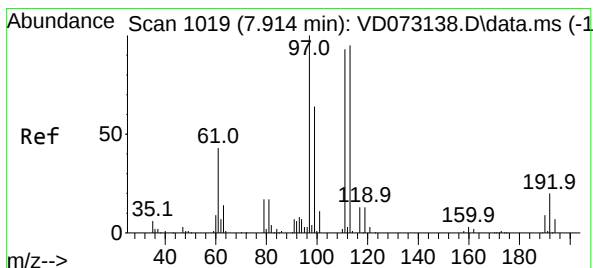
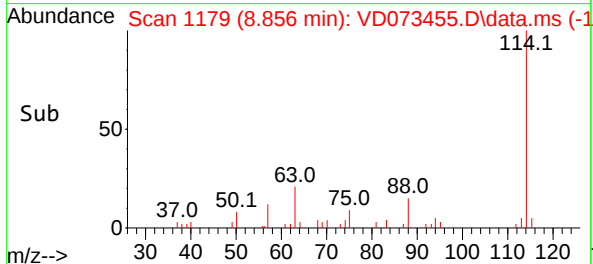
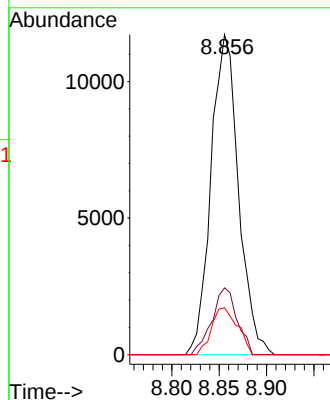
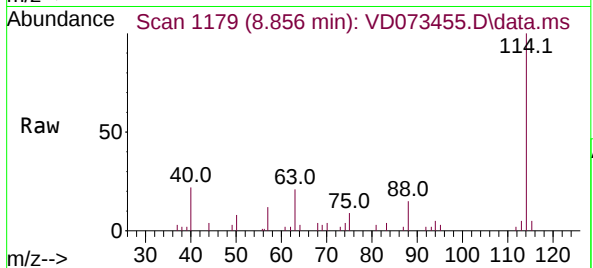
Tgt Ion:114 Resp: 23629

Ion Ratio Lower Upper

114 100

63 20.9 0.0 46.6

88 14.6 0.0 33.2



#35

Dibromofluoromethane

Concen: 69.420 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD073455.D

Acq: 01 Jun 2022 18:43

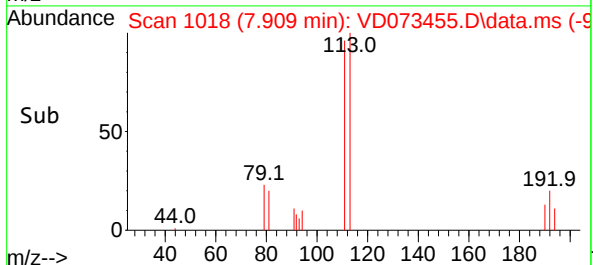
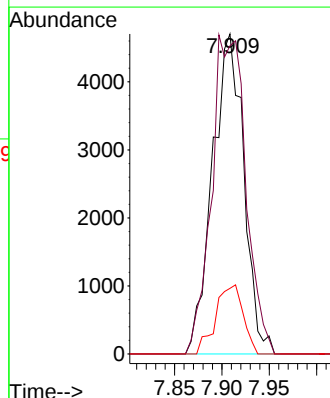
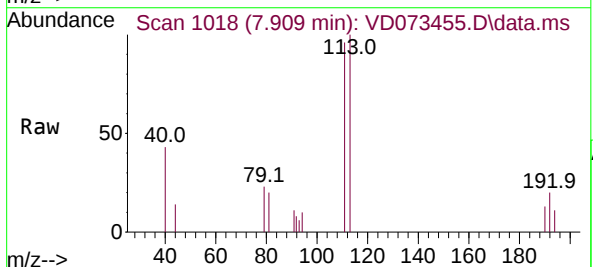
Tgt Ion:113 Resp: 10824

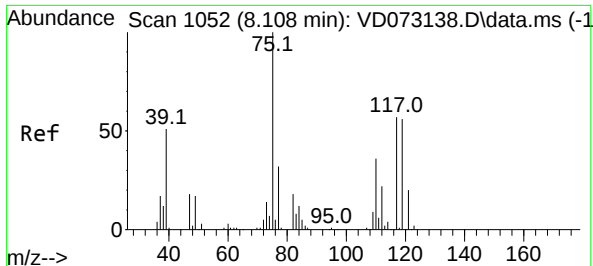
Ion Ratio Lower Upper

113 100

111 108.7 83.8 125.6

192 18.9 14.6 21.8





#36

1,1-Dichloropropene

Concen: 5.062 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD073455.D

Acq: 01 Jun 2022 18:43

Instrument :

MSVOA_D

ClientSampleId :

NP-1

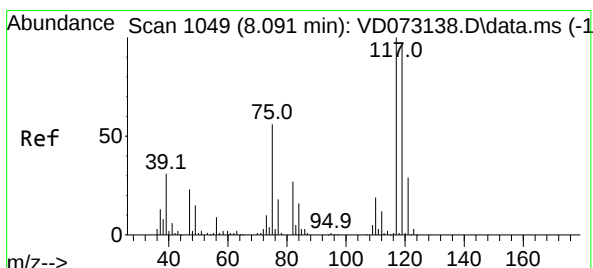
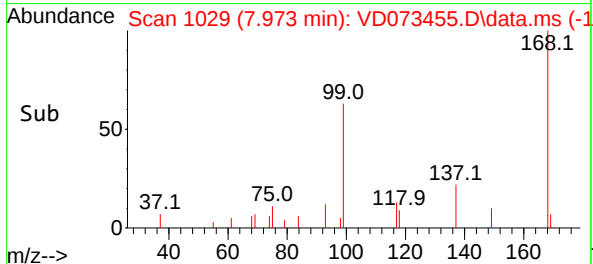
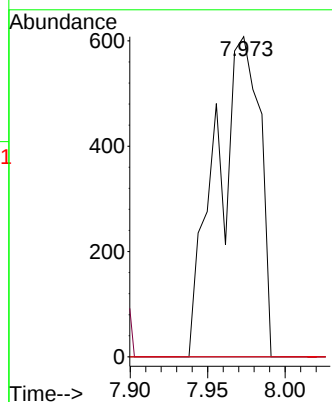
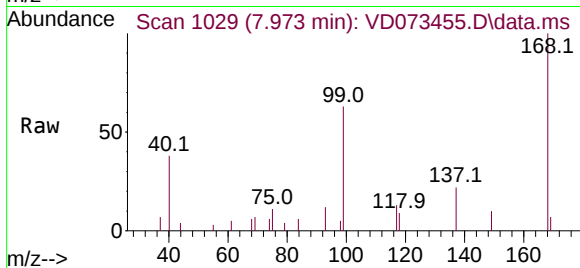
Tgt Ion: 75 Resp: 1187

Ion Ratio Lower Upper

75 100

110 0.0 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.662 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.124 min

Lab File: VD073455.D

Acq: 01 Jun 2022 18:43

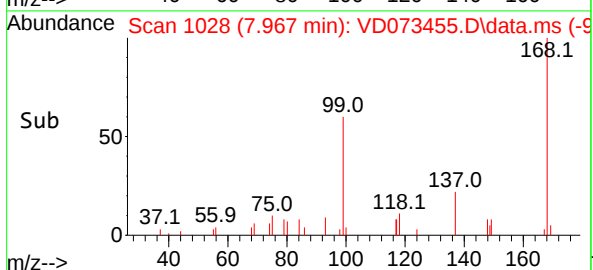
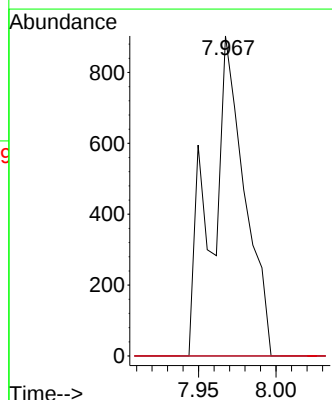
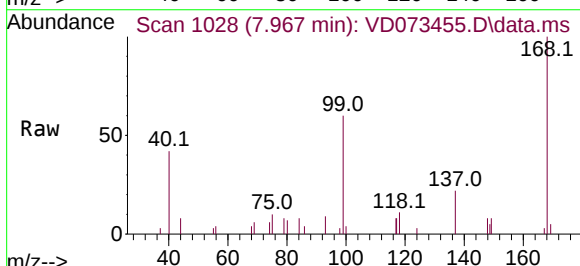
Tgt Ion: 117 Resp: 1346

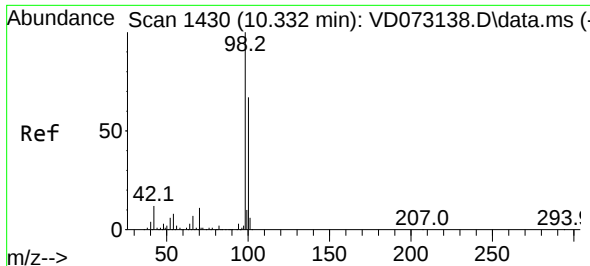
Ion Ratio Lower Upper

117 100

119 0.0 75.8 113.6#

121 0.0 24.5 36.7#

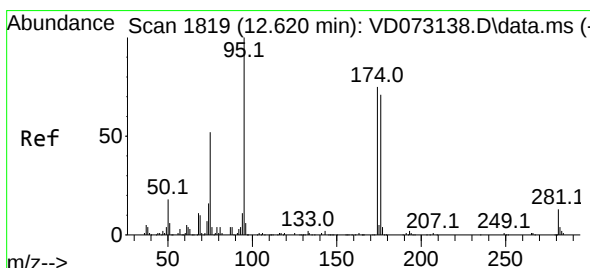
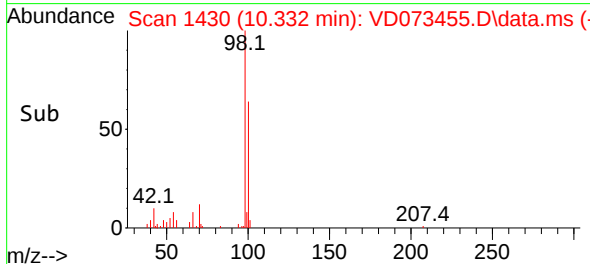
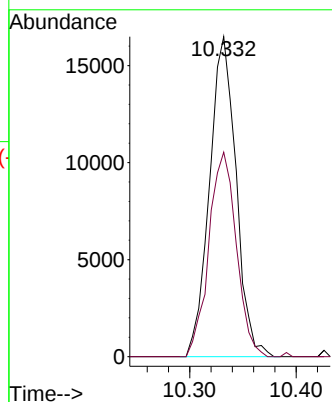
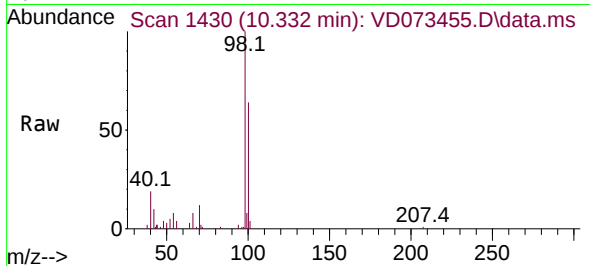




#50
Toluene-d8
Concen: 49.617 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073455.D
Acq: 01 Jun 2022 18:43

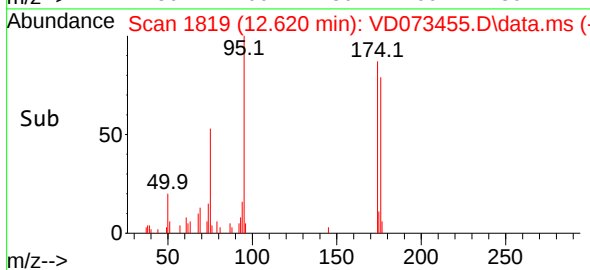
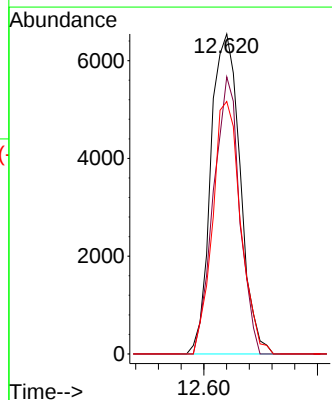
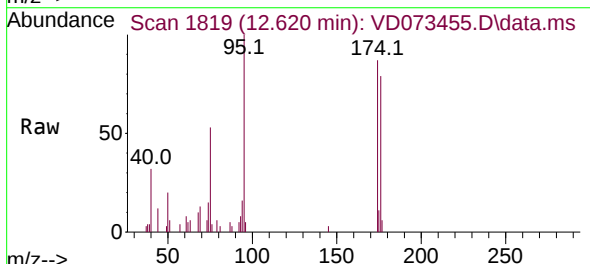
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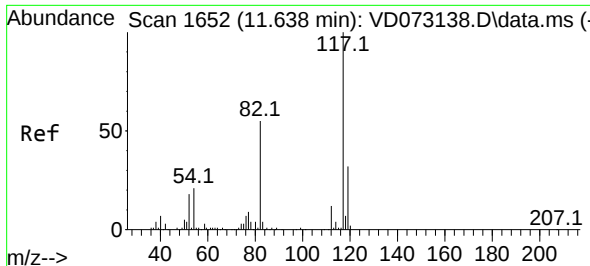
Tgt Ion: 98 Resp: 28518
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 58.099 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073455.D
Acq: 01 Jun 2022 18:43

Tgt Ion: 95 Resp: 11719
Ion Ratio Lower Upper
95 100
174 77.2 0.0 152.8
176 75.7 0.0 145.4

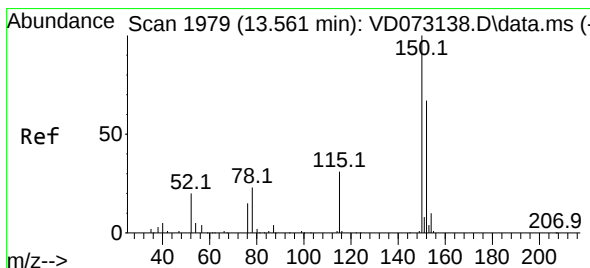
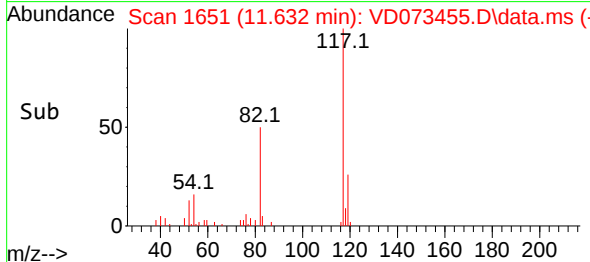
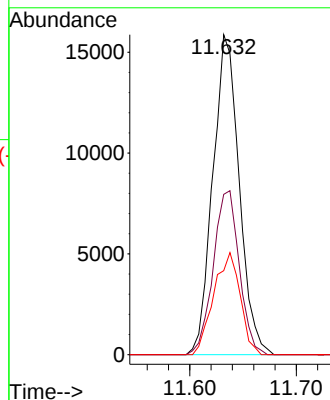
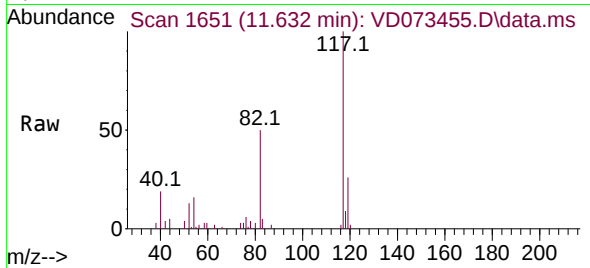




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD073455.D
Acq: 01 Jun 2022 18:43

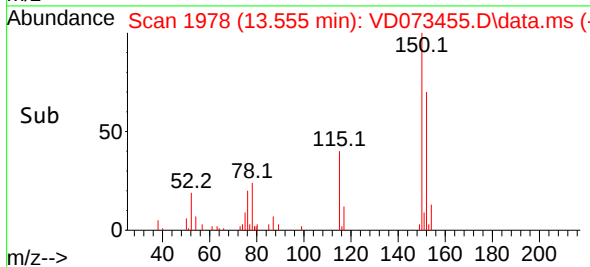
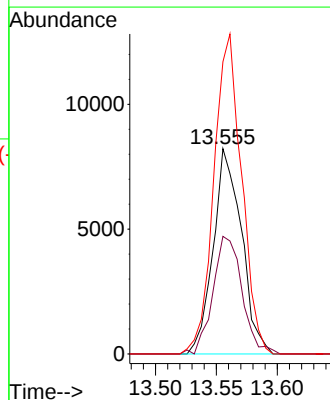
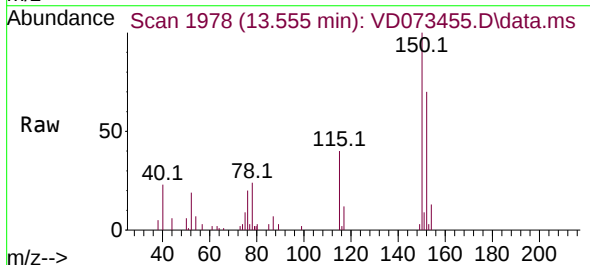
Instrument :
MSVOA_D
ClientSampleId :
NP-1

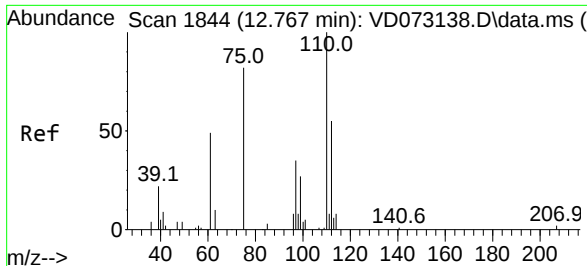
Tgt Ion:117	Resp:	27250
Ion	Ratio	Lower Upper
117	100	
82	50.1	45.3 67.9
119	26.2	26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. -0.006 min
Lab File: VD073455.D
Acq: 01 Jun 2022 18:43

Tgt Ion:152	Resp:	13276
Ion	Ratio	Lower Upper
152	100	
115	58.9	31.3 93.8
150	152.9	0.0 348.6

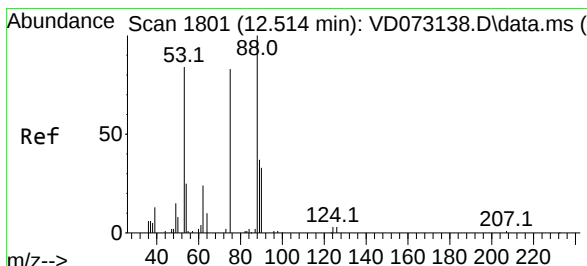
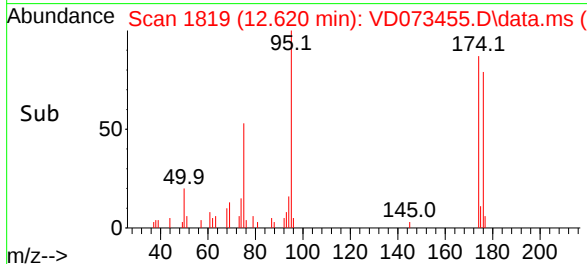
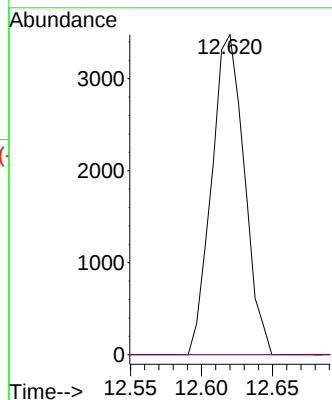
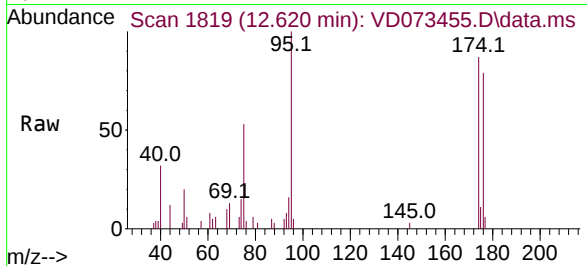




#76
1,2,3-Trichloropropane
Concen: 42.707 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073455.D
Acq: 01 Jun 2022 18:43

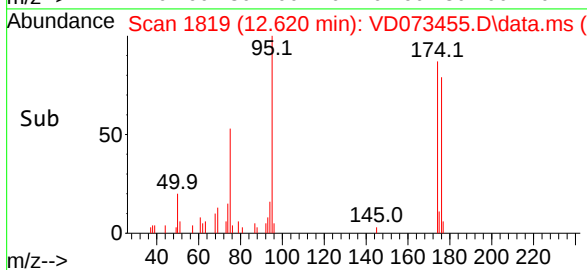
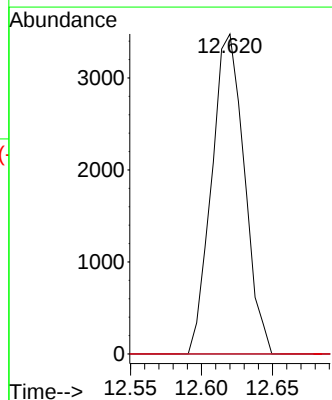
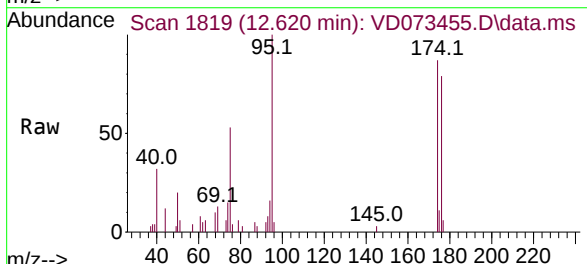
Instrument :
MSVOA_D
ClientSampleId :
NP-1

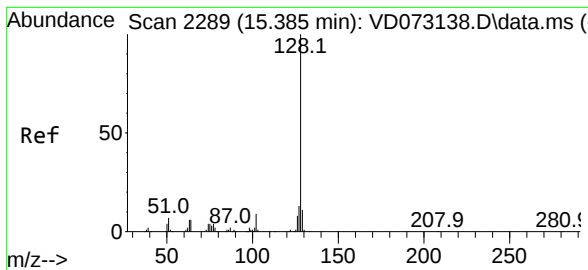
Tgt Ion: 75 Resp: 5563
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 102.526 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073455.D
Acq: 01 Jun 2022 18:43

Tgt Ion: 75 Resp: 5563
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#





#95
Naphthalene
Concen: 3.659 ug/l
RT: 15.390 min Scan# 21
Delta R.T. 0.005 min
Lab File: VD073455.D
Acq: 01 Jun 2022 18:43

Instrument :
MSVOA_D
ClientSampleId :
NP-1

Tgt Ion:	128	Resp:	55
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.4	12.6#

