

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082422\
 Data File : VD074228.D
 Acq On : 24 Aug 2022 17:34
 Operator : VA/SY
 Sample : N4261-01
 Misc : 5.92G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 C5

Quant Time: Aug 25 05:03:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 23 13:12:17 2022
 Response via : Initial Calibration

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

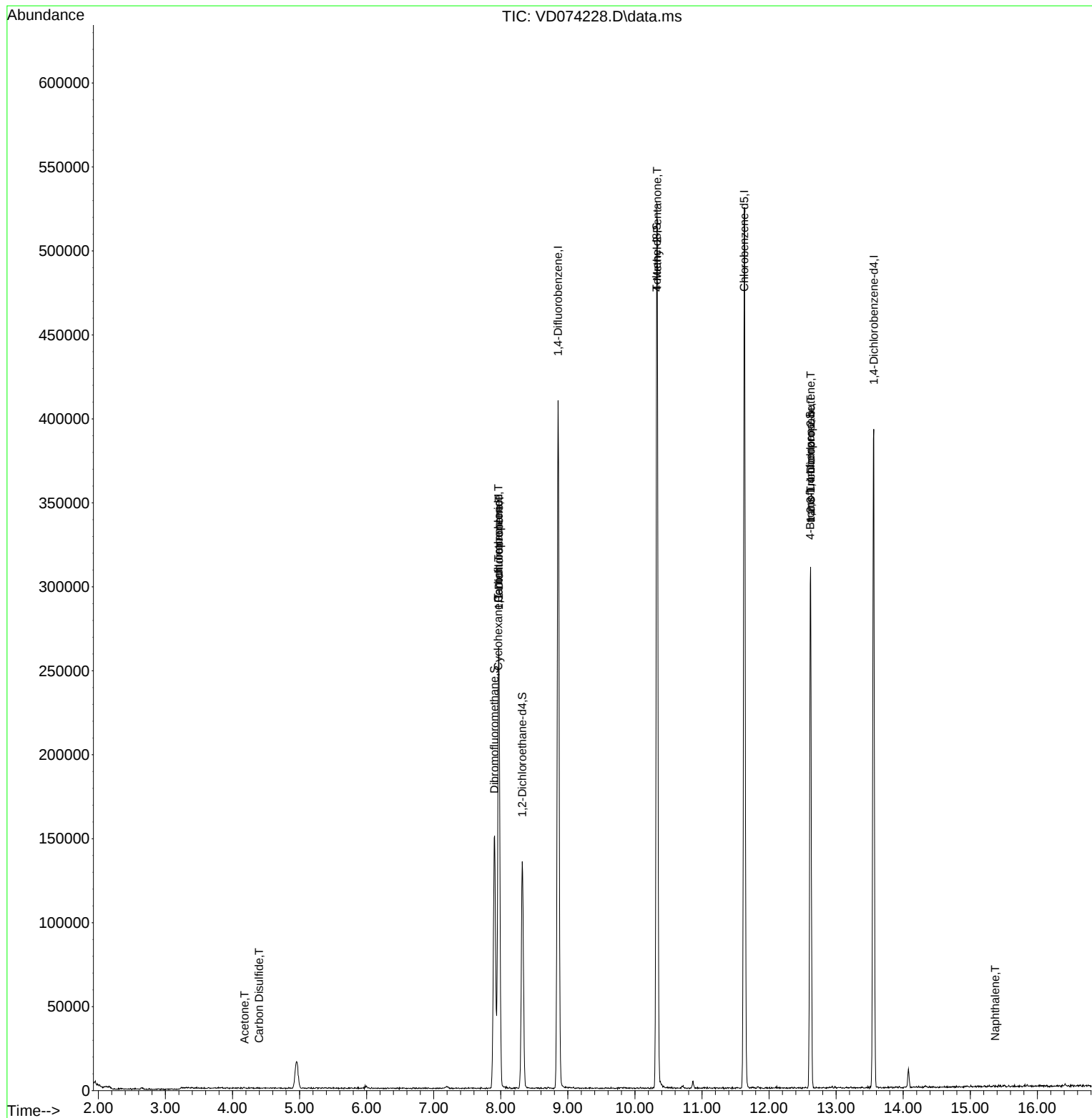
Internal Standards						
1) Pentafluorobenzene	7.967	168	189349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	343601	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	299541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	106658	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	109952	56.827	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.660%	
35) Dibromofluoromethane	7.902	113	108094	47.032	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 94.060%	
50) Toluene-d8	10.326	98	355873	48.111	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.220%	
62) 4-Bromofluorobenzene	12.614	95	103776	35.513	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 71.020%	
Target Compounds						Qvalue
16) Acetone	4.179	43	734	1.991	ug/l #	47
17) Carbon Disulfide	4.397	76	118	2.031	ug/l #	74
20) Methylene Chloride	4.955	84	13243	Below Cal	#	84
31) Cyclohexane	7.961	56	4724	1.372	ug/l #	27
36) 1,1-Dichloropropene	7.973	75	16124	4.642	ug/l #	52
38) Carbon Tetrachloride	7.967	117	20249	5.426	ug/l #	17
51) 4-Methyl-2-Pentanone	10.332	43	1418	1.030	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	51046	49.015	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	51046	126.049	ug/l #	7
95) Naphthalene	15.373	128	247	3.485	ug/l #	70

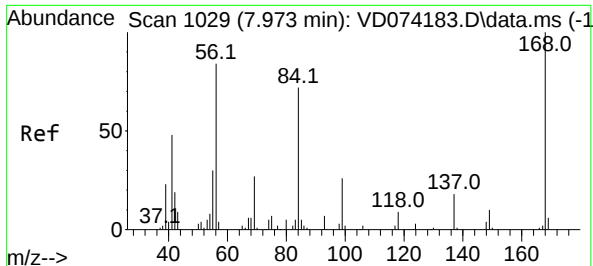
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 23 13:12:17 2022
Response via : Initial Calibration

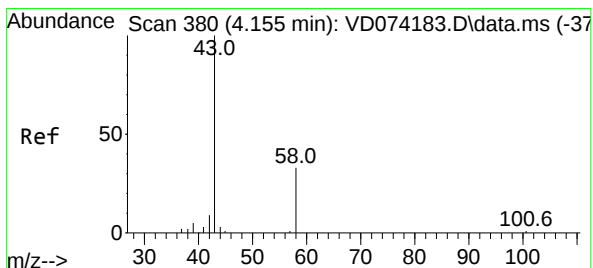
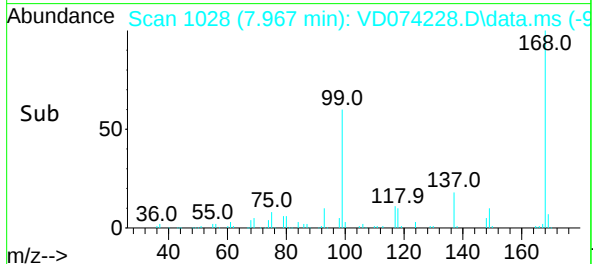
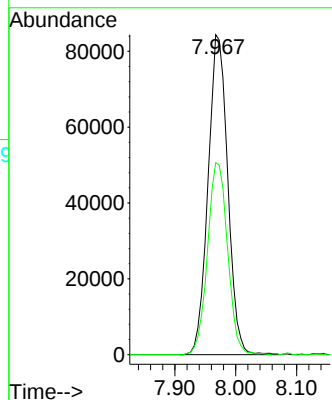
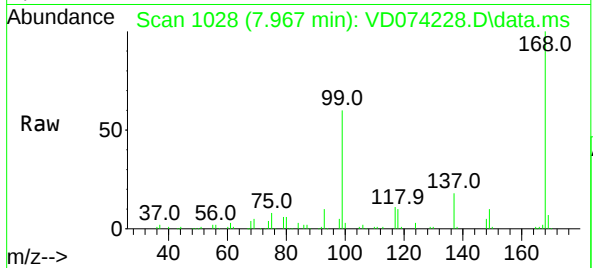




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD074228.D
Acq: 24 Aug 2022 17:34

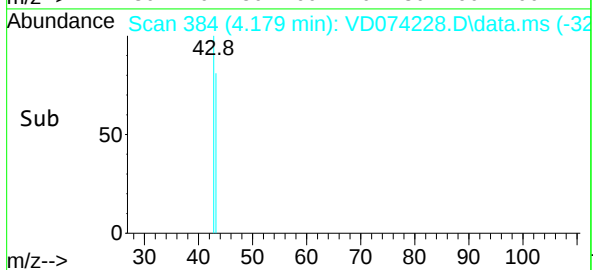
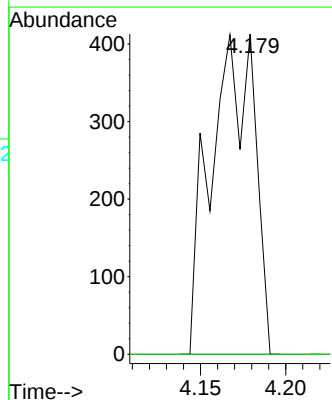
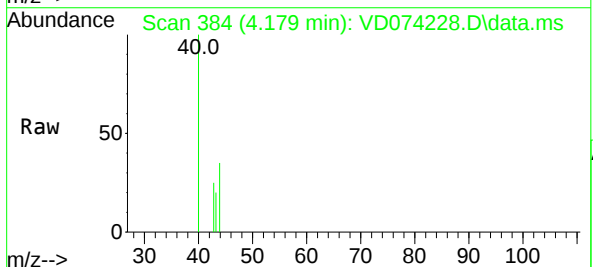
Instrument :
MSVOA_D
ClientSampleId :
C5

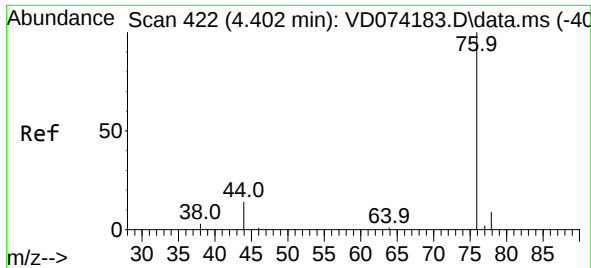
Tgt Ion:168 Resp: 189349
Ion Ratio Lower Upper
168 100
99 60.0 49.8 74.6



#16
Acetone
Concen: 1.991 ug/l
RT: 4.179 min Scan# 384
Delta R.T. 0.024 min
Lab File: VD074228.D
Acq: 24 Aug 2022 17:34

Tgt Ion: 43 Resp: 734
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#

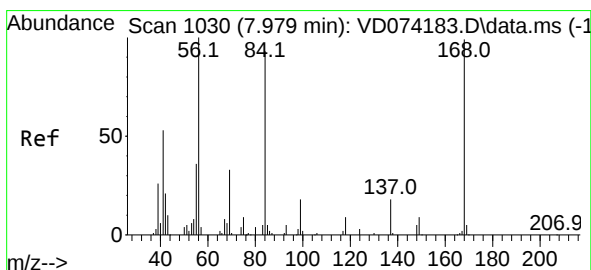
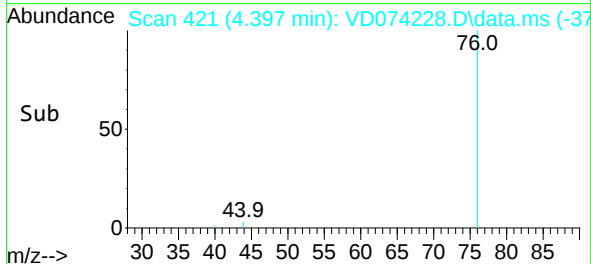
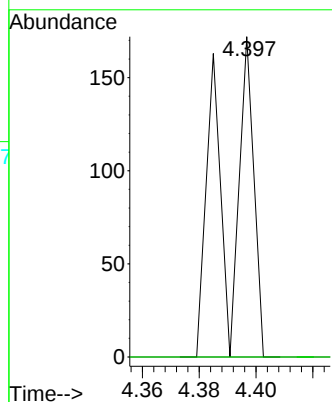
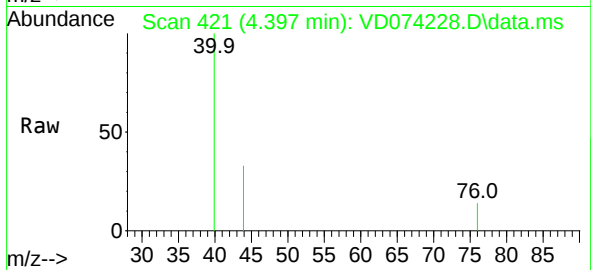




#17
Carbon Disulfide
Concen: 2.031 ug/l
RT: 4.397 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD074228.D
Acq: 24 Aug 2022 17:34

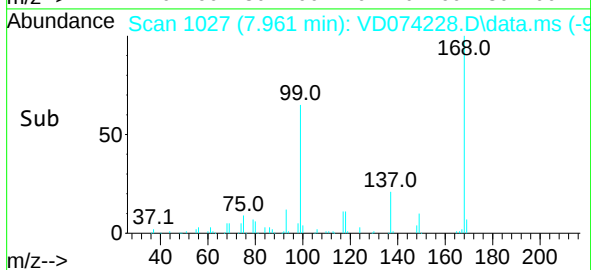
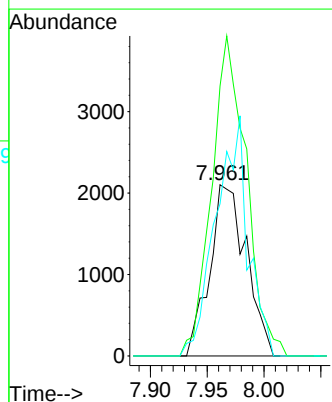
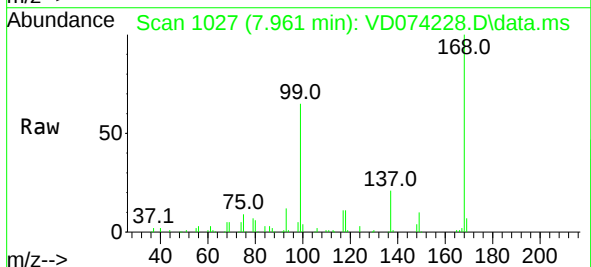
Instrument :
MSVOA_D
ClientSampleId :
C5

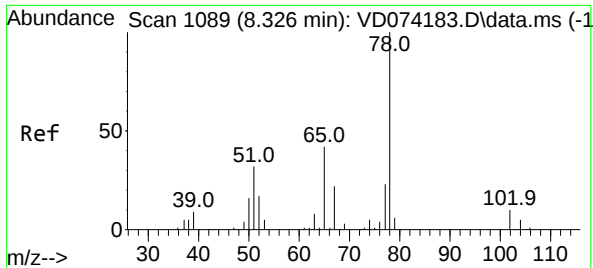
Tgt Ion: 76 Resp: 118
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#31
Cyclohexane
Concen: 1.372 ug/l
RT: 7.961 min Scan# 1027
Delta R.T. -0.018 min
Lab File: VD074228.D
Acq: 24 Aug 2022 17:34

Tgt Ion: 56 Resp: 4724
Ion Ratio Lower Upper
56 100
69 157.7 25.4 38.2#
84 88.9 63.0 94.4





#33

1,2-Dichloroethane-d4

Concen: 56.827 ug/l

RT: 8.320 min Scan# 1107

Delta R.T. -0.006 min

Lab File: VD074228.D

Acq: 24 Aug 2022 17:34

Instrument :

MSVOA_D

ClientSampleId :

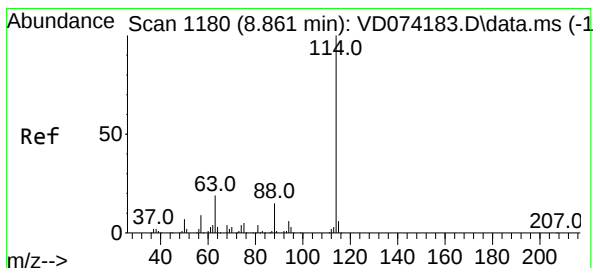
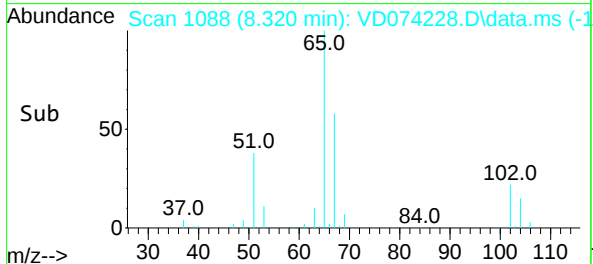
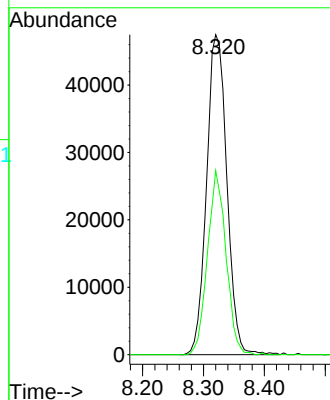
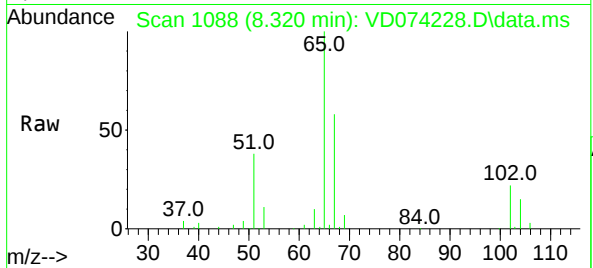
C5

Tgt Ion: 65 Resp: 109952

Ion Ratio Lower Upper

65 100

67 52.4 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD074228.D

Acq: 24 Aug 2022 17:34

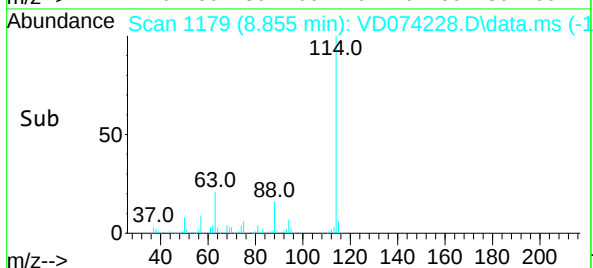
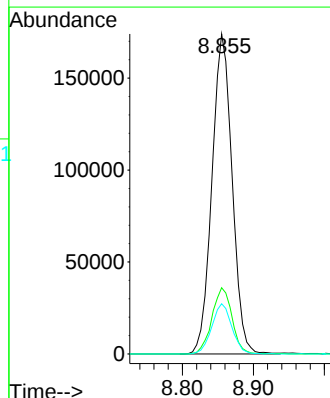
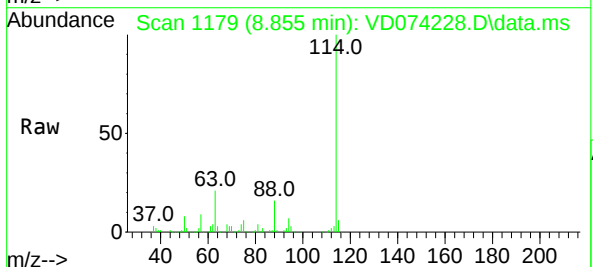
Tgt Ion: 114 Resp: 343601

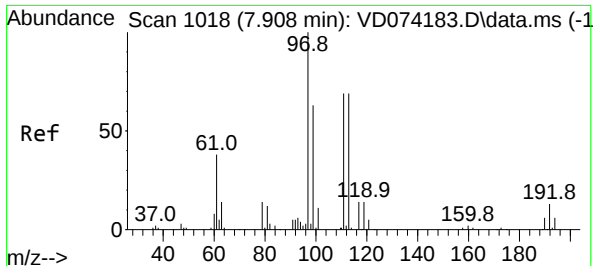
Ion Ratio Lower Upper

114 100

63 20.7 0.0 46.6

88 15.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.032 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD074228.D

Acq: 24 Aug 2022 17:34

Instrument :

MSVOA_D

ClientSampleId :

C5

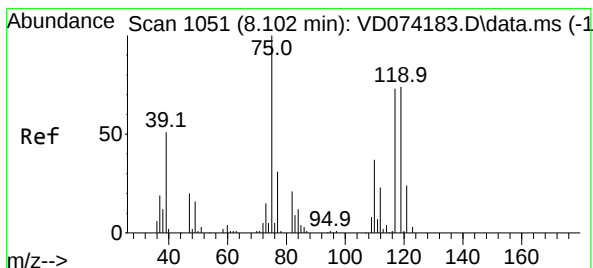
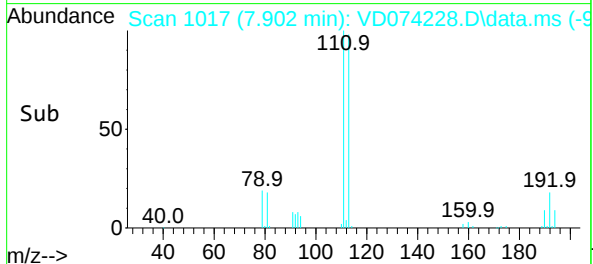
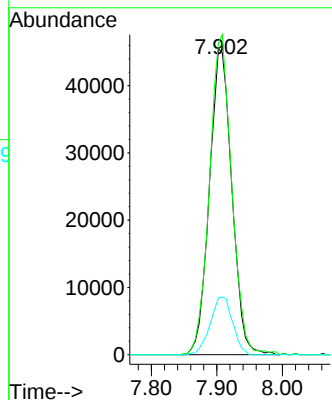
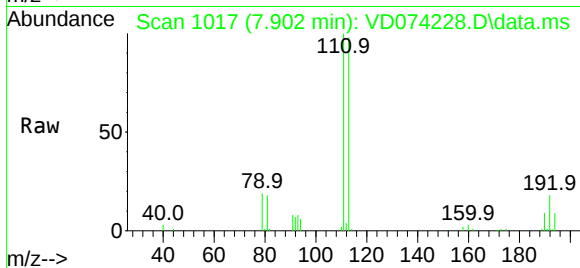
Tgt Ion:113 Resp: 108094

Ion Ratio Lower Upper

113 100

111 103.8 83.8 125.6

192 18.7 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.642 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.129 min

Lab File: VD074228.D

Acq: 24 Aug 2022 17:34

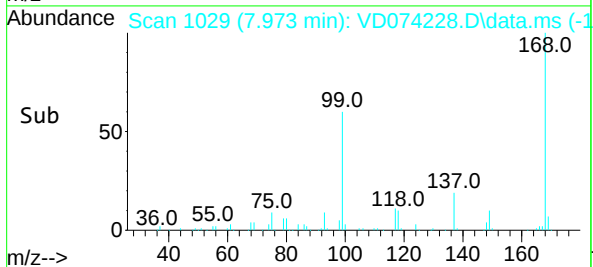
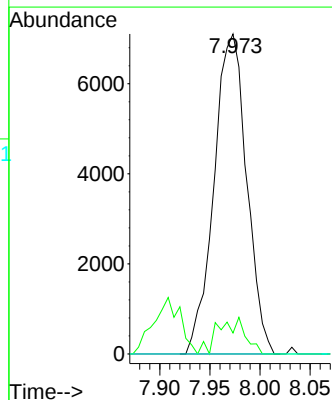
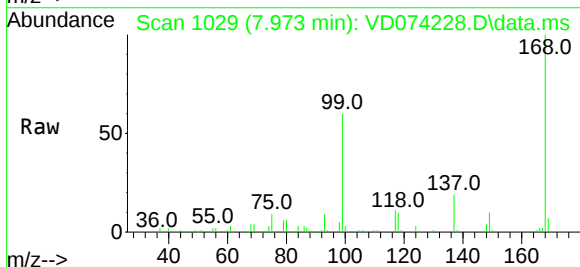
Tgt Ion: 75 Resp: 16124

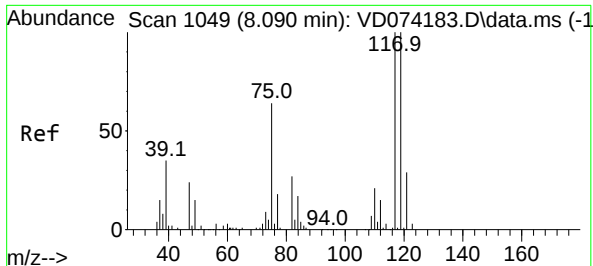
Ion Ratio Lower Upper

75 100

110 9.5 16.4 49.1#

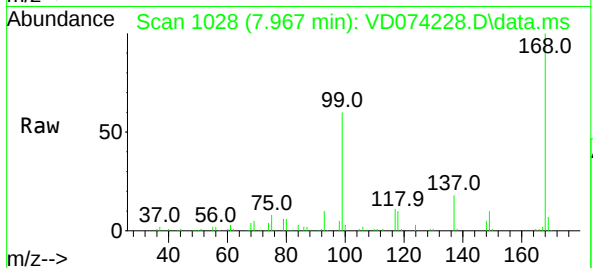
77 0.0 24.2 36.2#



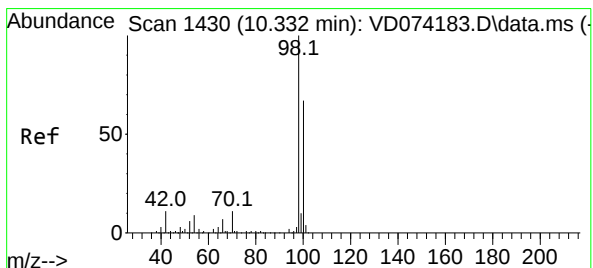
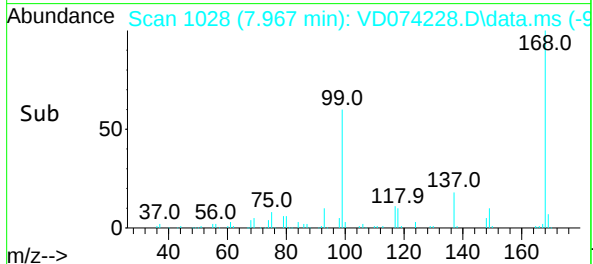
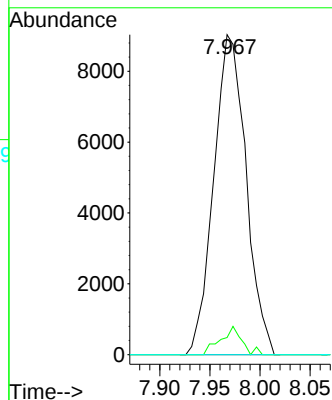


#38
Carbon Tetrachloride
Concen: 5.426 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.123 min
Lab File: VD074228.D
Acq: 24 Aug 2022 17:34

Instrument :
MSVOA_D
ClientSampleId :
C5

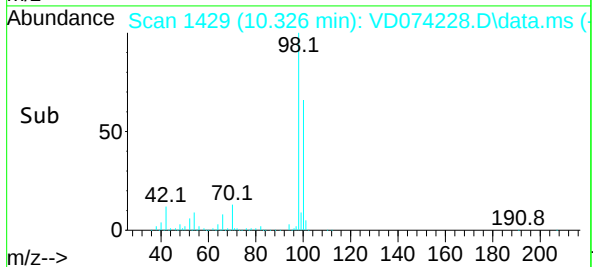
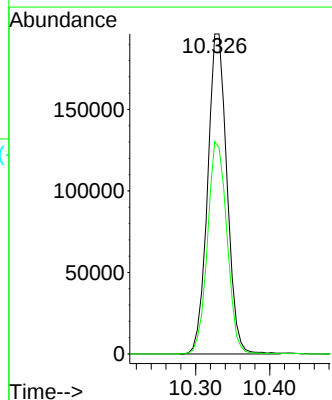
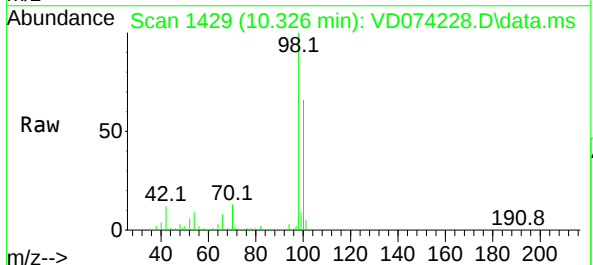


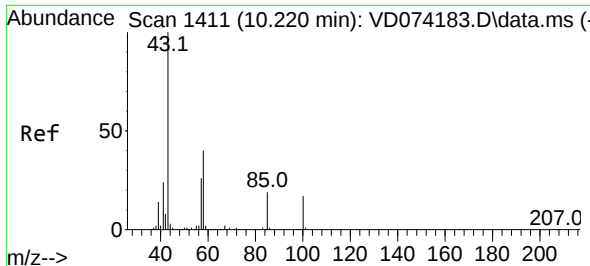
Tgt Ion:117 Resp: 20249
Ion Ratio Lower Upper
117 100
119 5.3 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 48.111 ug/l
RT: 10.326 min Scan# 1429
Delta R.T. -0.006 min
Lab File: VD074228.D
Acq: 24 Aug 2022 17:34

Tgt Ion: 98 Resp: 355873
Ion Ratio Lower Upper
98 100
100 66.6 52.4 78.6

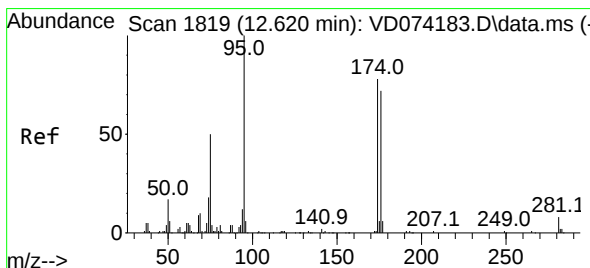
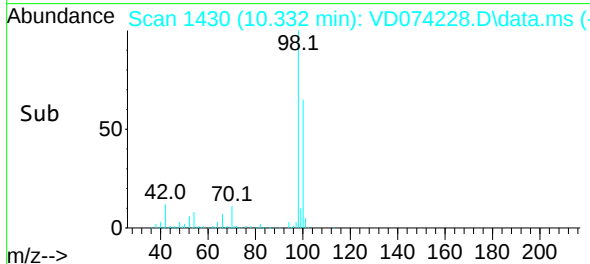
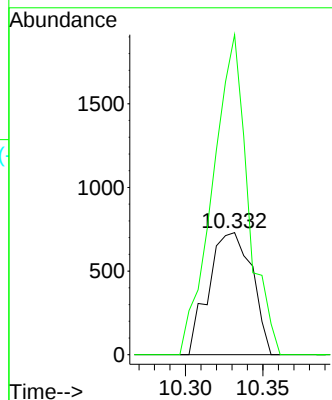
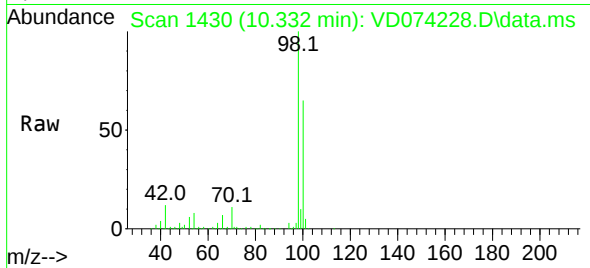




#51
4-Methyl-2-Pentanone
Concen: 1.030 ug/l
RT: 10.332 min Scan# 1411
Delta R.T. 0.112 min
Lab File: VD074228.D
Acq: 24 Aug 2022 17:34

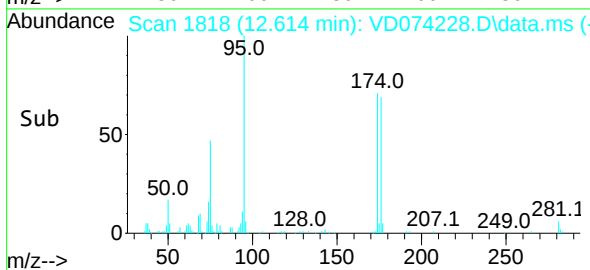
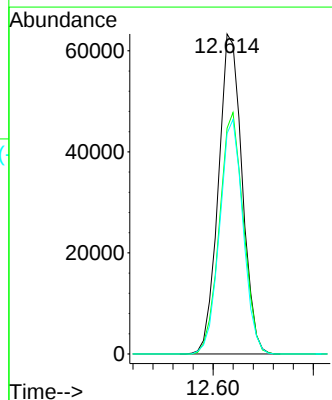
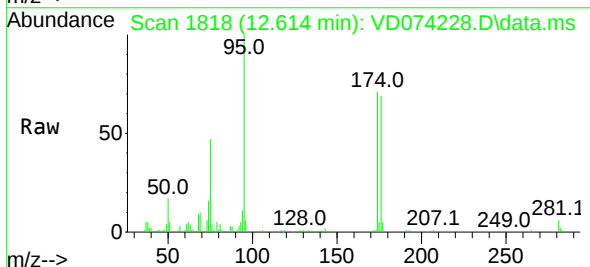
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ClientSampleId :
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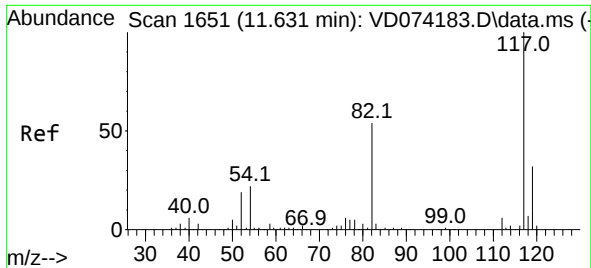
Tgt Ion: 43 Resp: 1418
Ion Ratio Lower Upper
43 100
58 214.7 28.6 43.0#



#62
4-Bromofluorobenzene
Concen: 35.513 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VD074228.D
Acq: 24 Aug 2022 17:34

Tgt Ion: 95 Resp: 103776
Ion Ratio Lower Upper
95 100
174 76.0 0.0 152.8
176 72.3 0.0 145.4

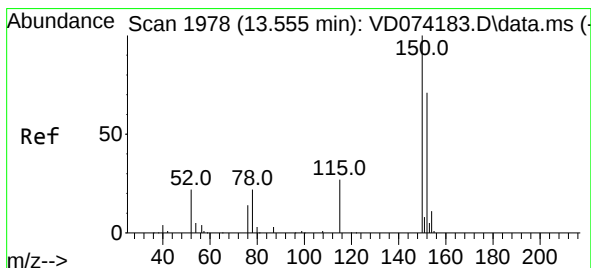
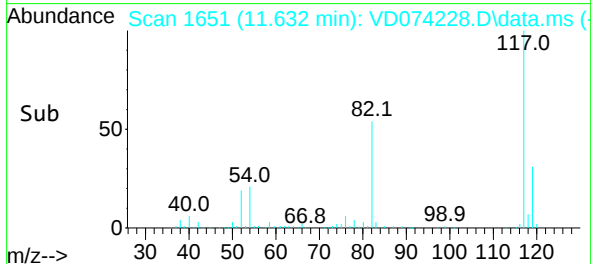
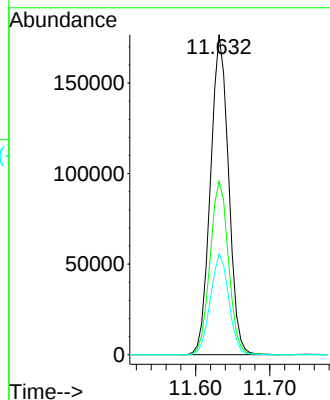
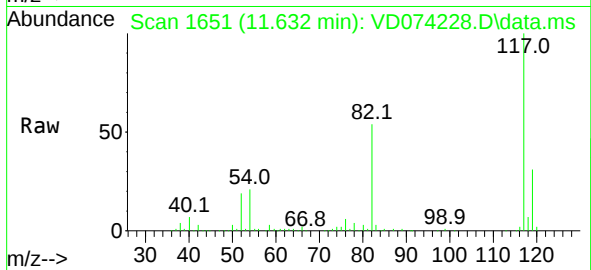




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD074228.D
Acq: 24 Aug 2022 17:34

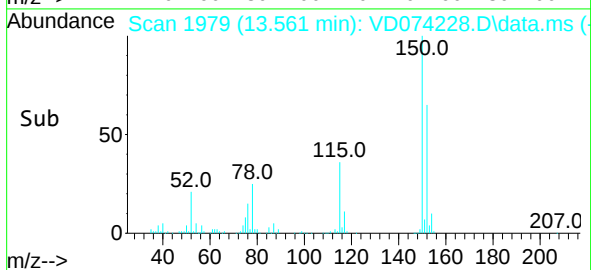
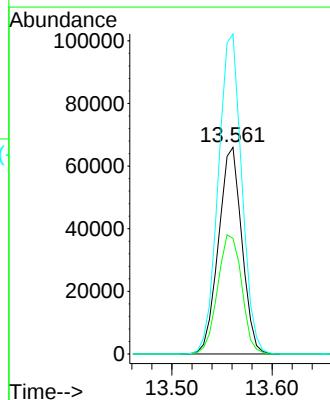
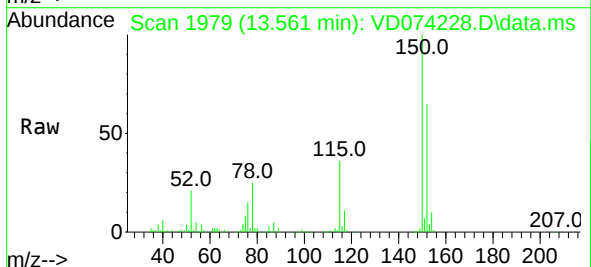
Instrument :
MSVOA_D
ClientSampleId :
C5

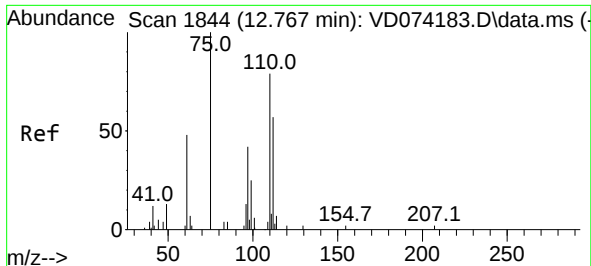
Tgt Ion:117 Resp: 299541
Ion Ratio Lower Upper
117 100
82 54.2 45.3 67.9
119 31.5 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.006 min
Lab File: VD074228.D
Acq: 24 Aug 2022 17:34

Tgt Ion:152 Resp: 106658
Ion Ratio Lower Upper
152 100
115 59.5 31.3 93.8
150 155.9 0.0 348.6

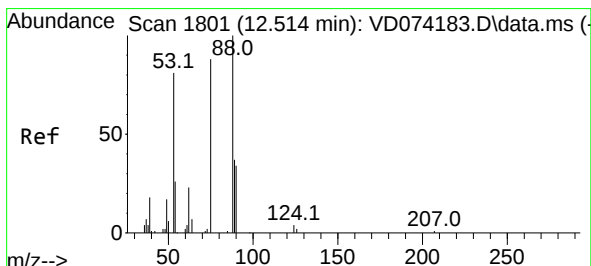
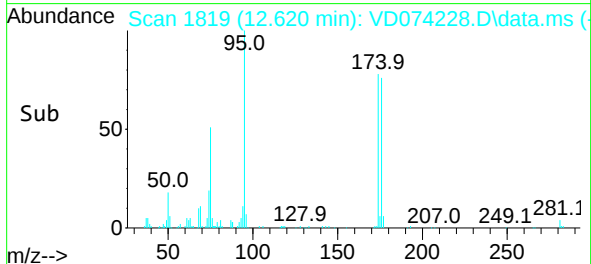
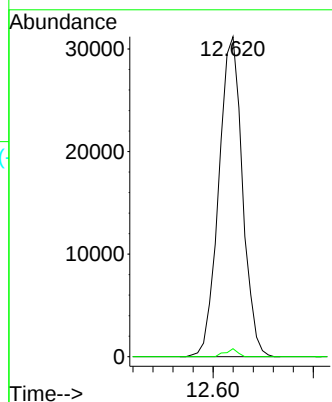
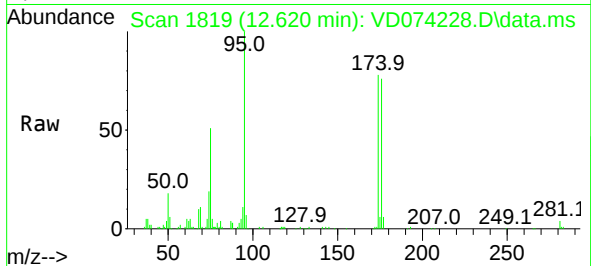




#76
1,2,3-Trichloropropane
Concen: 49.015 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD074228.D
Acq: 24 Aug 2022 17:34

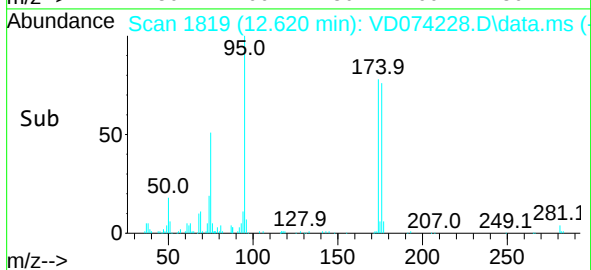
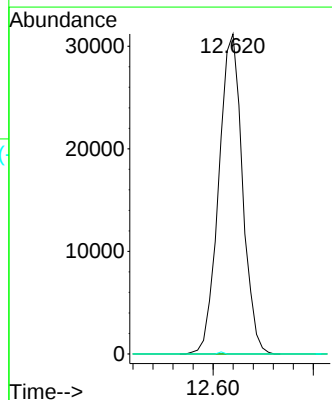
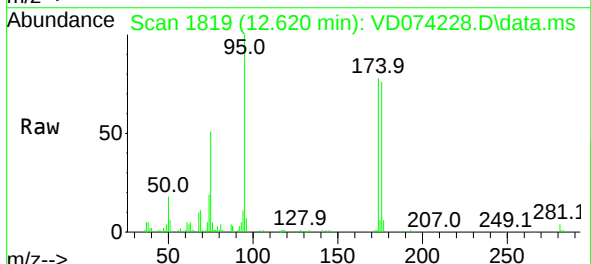
Instrument :
MSVOA_D
ClientSampleId :
C5

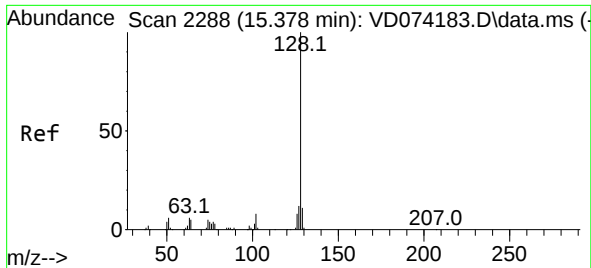
Tgt Ion: 75 Resp: 51046
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.049 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD074228.D
Acq: 24 Aug 2022 17:34

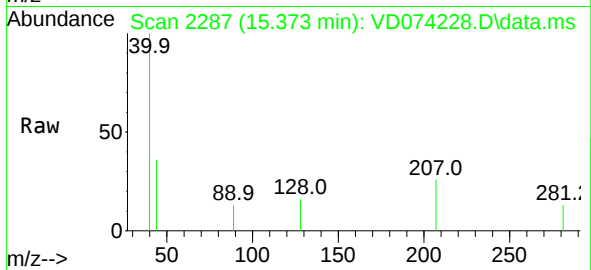
Tgt Ion: 75 Resp: 51046
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.1 33.9 50.9#





#95
Naphthalene
Concen: 3.485 ug/l
RT: 15.373 min Scan# 21
Delta R.T. -0.005 min
Lab File: VD074228.D
Acq: 24 Aug 2022 17:34

Instrument :
MSVOA_D
ClientSampleId :
C5



Tgt Ion:	128	Resp:	247
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.4	12.6#

