

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082322\
 Data File : VD074210.D
 Acq On : 24 Aug 2022 04:53
 Operator : VA/SY
 Sample : N4295-02
 Misc : 8.85G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 XRDS-RECYCLED-SAND-SP-A-GRAB

Quant Time: Aug 24 06:28:27 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)

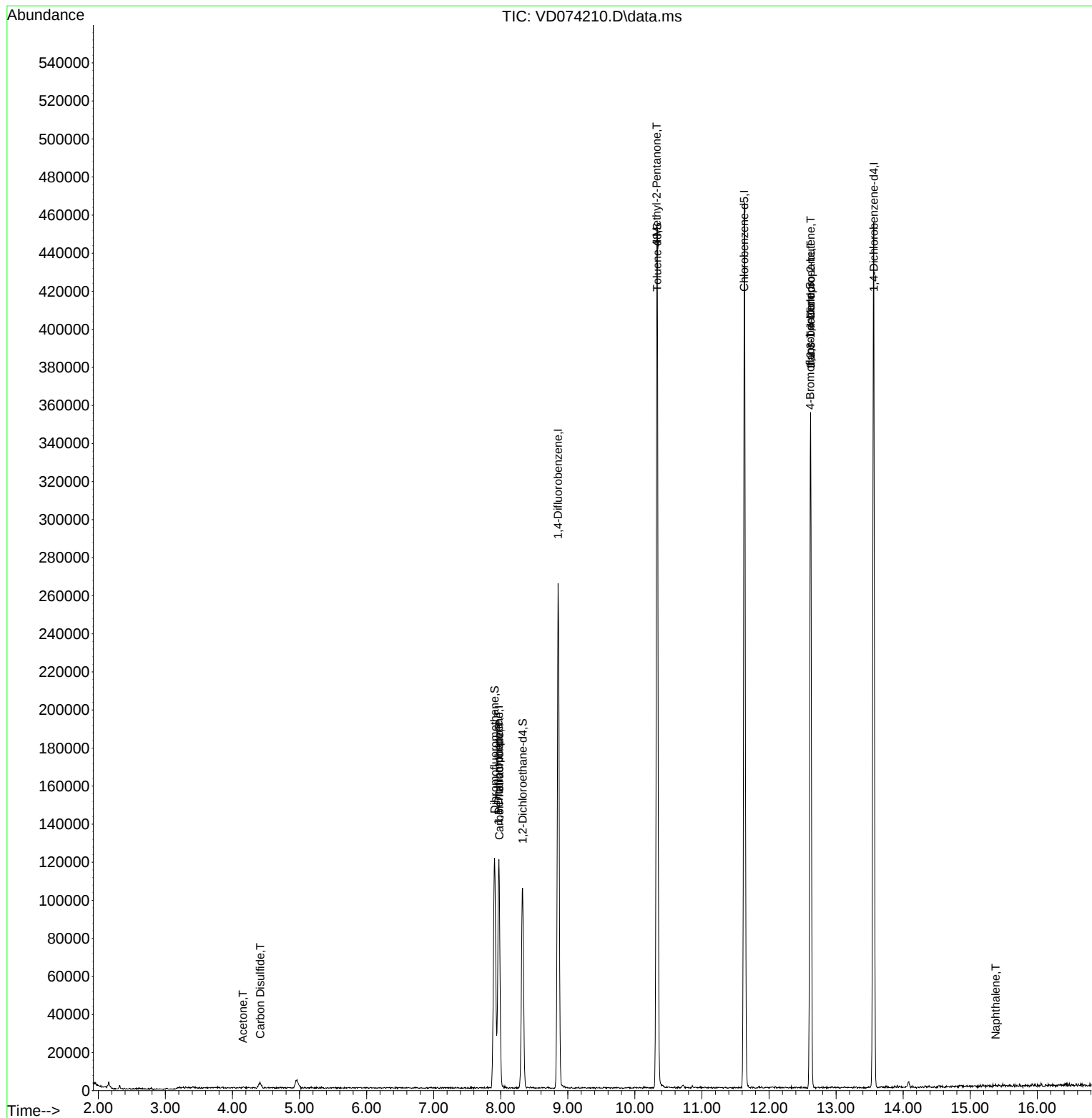
Internal Standards						
1) Pentafluorobenzene	7.973	168	86149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	220503	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	259687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	122547	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	85377	96.985	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 193.980%#	
35) Dibromofluoromethane	7.909	113	89987	61.012	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.020%	
50) Toluene-d8	10.332	98	301727	63.563	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 127.120%	
62) 4-Bromofluorobenzene	12.614	95	114932	61.288	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 122.580%	
Target Compounds						Qvalue
16) Acetone	4.156	43	573	3.416	ug/l #	47
17) Carbon Disulfide	4.415	76	5701	4.008	ug/l #	94
20) Methylene Chloride	4.944	84	1294	Below Cal	#	89
36) 1,1-Dichloropropene	7.967	75	7318	3.283	ug/l #	48
38) Carbon Tetrachloride	7.979	117	9351	3.905	ug/l #	16
51) 4-Methyl-2-Pentanone	10.326	43	1183	1.339	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	59063	49.360	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	59063	126.936	ug/l #	7
95) Naphthalene	15.379	128	400	3.509	ug/l #	70

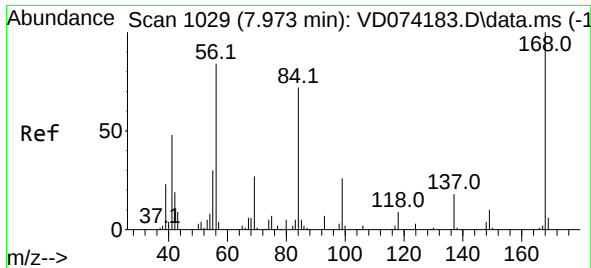
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082322\
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Response via : Initial Calibration

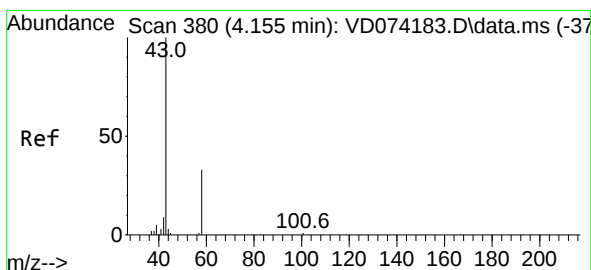
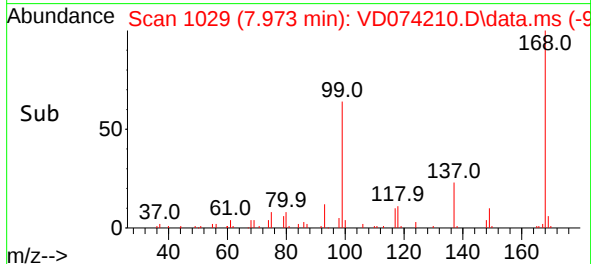
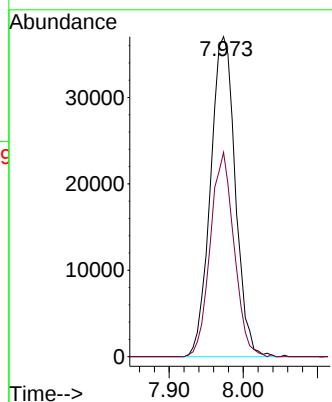
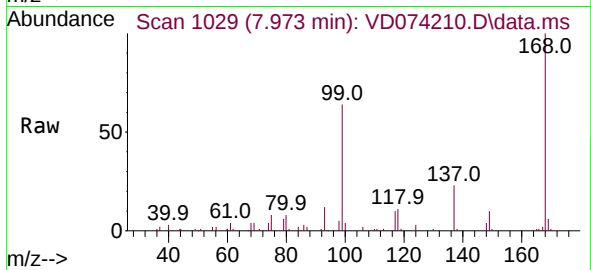




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074210.D
Acq: 24 Aug 2022 04:53

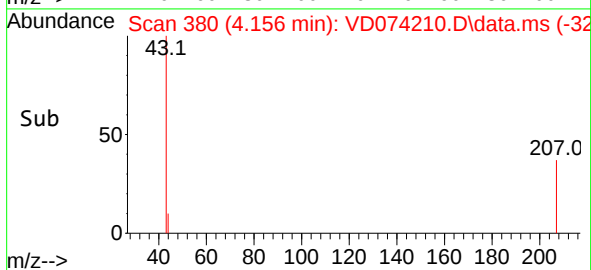
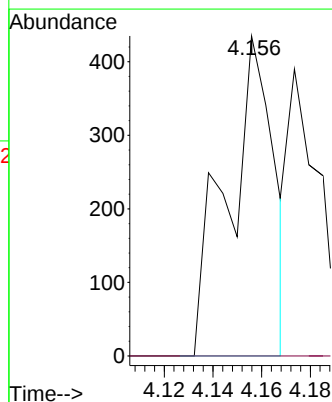
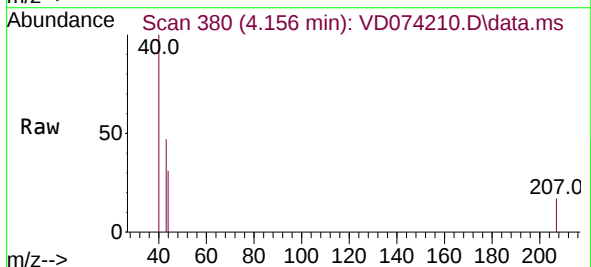
Instrument :
MSVOA_D
ClientSampleId :
XRDS-RECYCLED-SAND-SP-A-GRAB

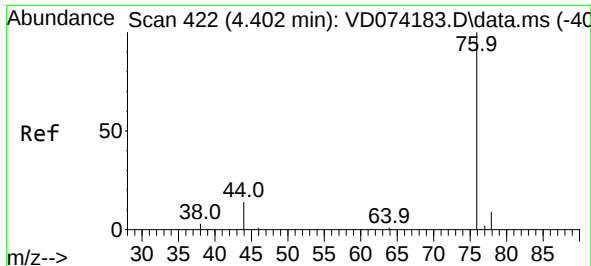
Tgt Ion:168 Resp: 86149
Ion Ratio Lower Upper
168 100
99 63.8 49.8 74.6



#16
Acetone
Concen: 3.416 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.001 min
Lab File: VD074210.D
Acq: 24 Aug 2022 04:53

Tgt Ion: 43 Resp: 573
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#

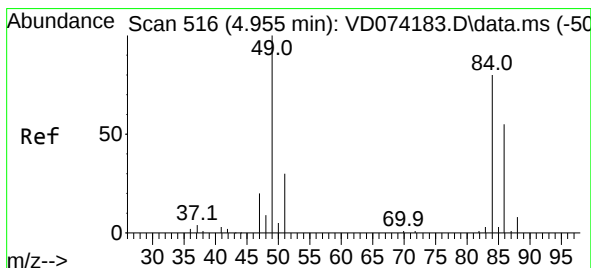
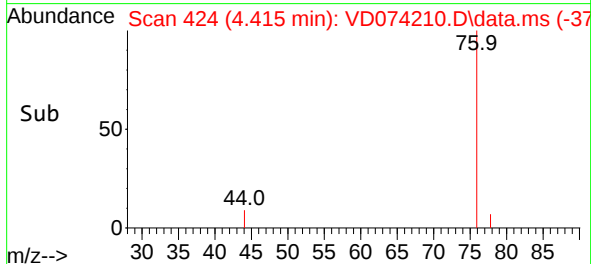
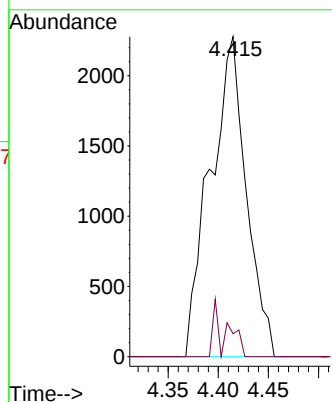
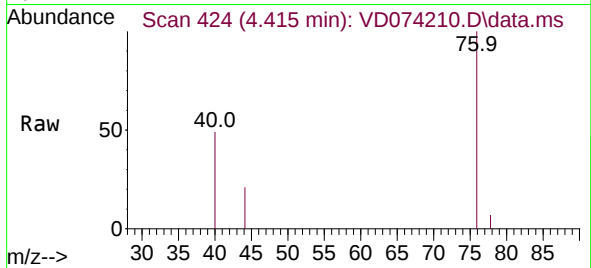




#17
Carbon Disulfide
Concen: 4.008 ug/l
RT: 4.415 min Scan# 41
Delta R.T. 0.013 min
Lab File: VD074210.D
Acq: 24 Aug 2022 04:53

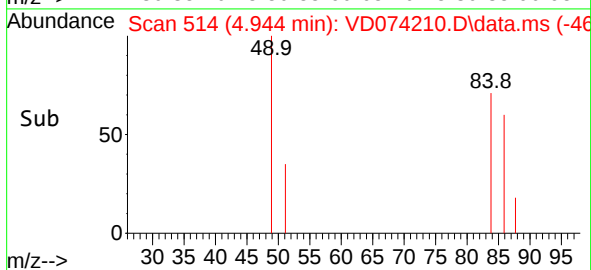
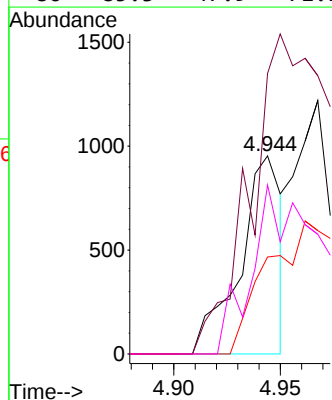
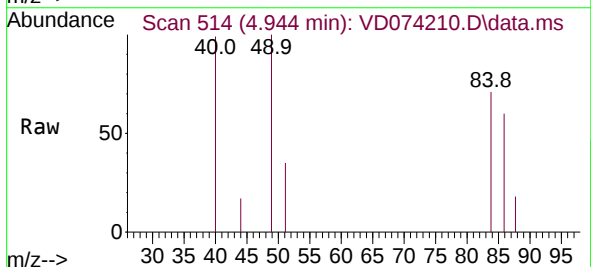
Instrument :
MSVOA_D
ClientSampleId :
XRDS-RECYCLED-SAND-SP-A-GRAB

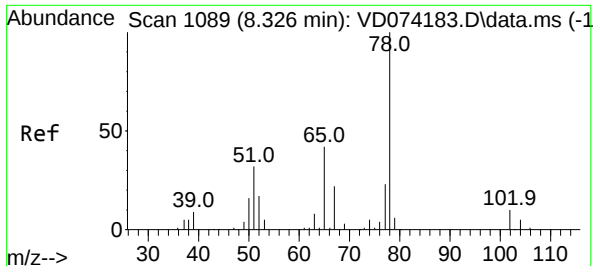
Tgt Ion: 76 Resp: 5701
Ion Ratio Lower Upper
76 100
78 7.2 7.5 11.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.944 min Scan# 514
Delta R.T. -0.011 min
Lab File: VD074210.D
Acq: 24 Aug 2022 04:53

Tgt Ion: 84 Resp: 1294
Ion Ratio Lower Upper
84 100
49 141.7 112.8 169.2
51 49.0 32.6 48.8#
86 85.3 47.9 71.9#





#33

1,2-Dichloroethane-d4

Concen: 96.985 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VD074210.D

Acq: 24 Aug 2022 04:53

Instrument :

MSVOA_D

ClientSampleId :

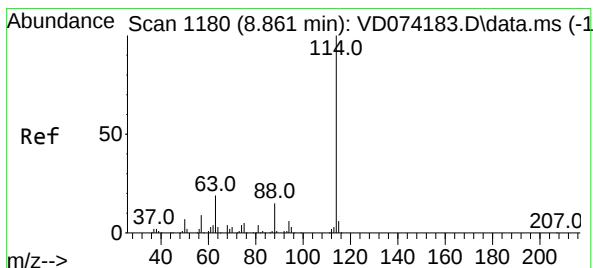
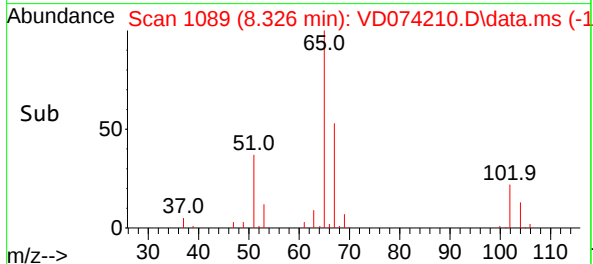
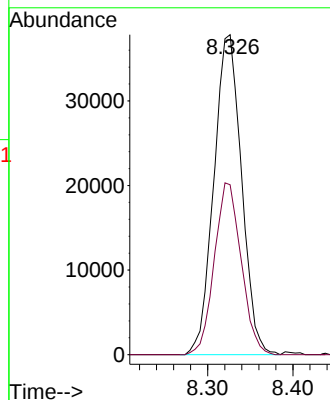
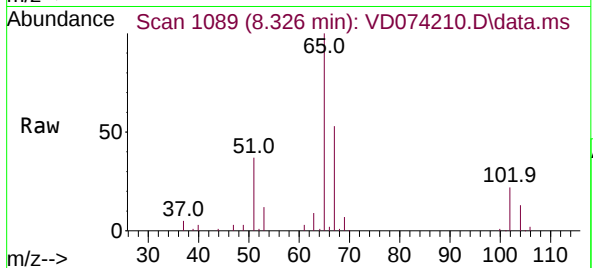
XRDS-RECYCLED-SAND-SP-A-GRAB

Tgt Ion: 65 Resp: 85377

Ion Ratio Lower Upper

65 100

67 52.1 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. -0.005 min

Lab File: VD074210.D

Acq: 24 Aug 2022 04:53

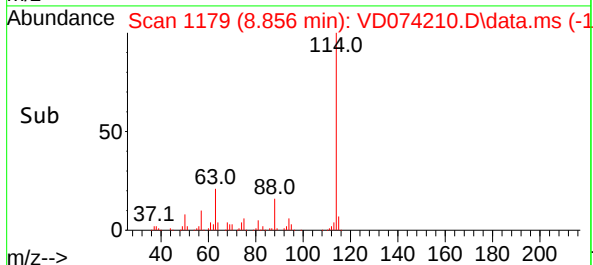
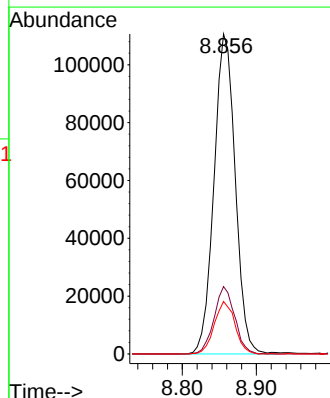
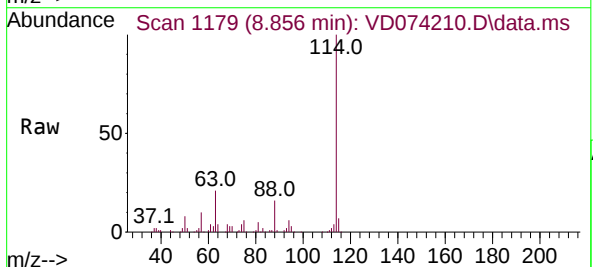
Tgt Ion: 114 Resp: 220503

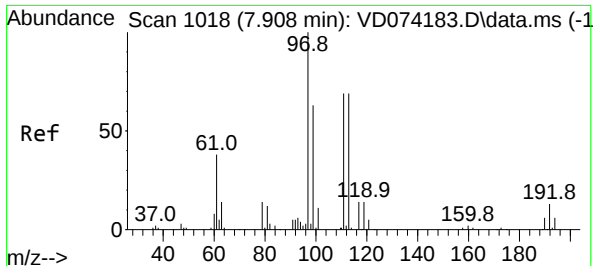
Ion Ratio Lower Upper

114 100

63 21.1 0.0 46.6

88 16.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 61.012 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.001 min

Lab File: VD074210.D

Acq: 24 Aug 2022 04:53

Instrument :

MSVOA_D

ClientSampleId :

XRDS-RECYCLED-SAND-SP-A-GRAB

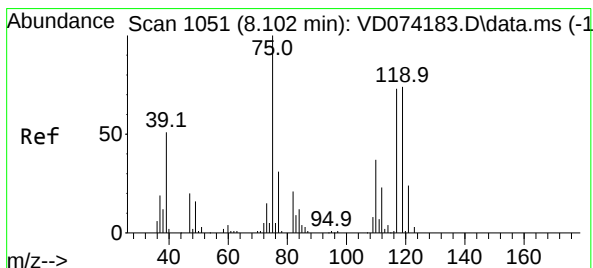
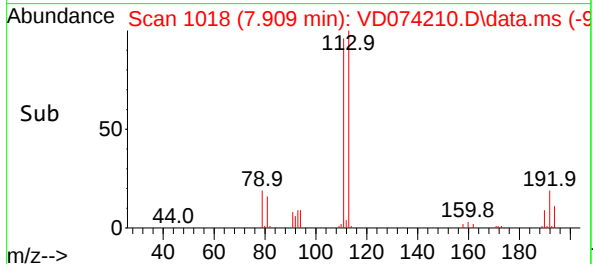
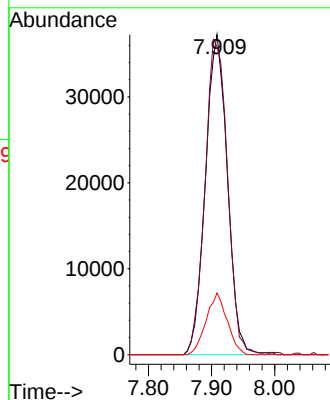
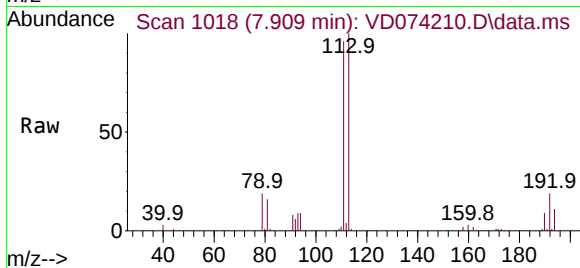
Tgt Ion:113 Resp: 89987

Ion Ratio Lower Upper

113 100

111 101.0 83.8 125.6

192 18.4 14.6 21.8



#36

1,1-Dichloropropene

Concen: 3.283 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.135 min

Lab File: VD074210.D

Acq: 24 Aug 2022 04:53

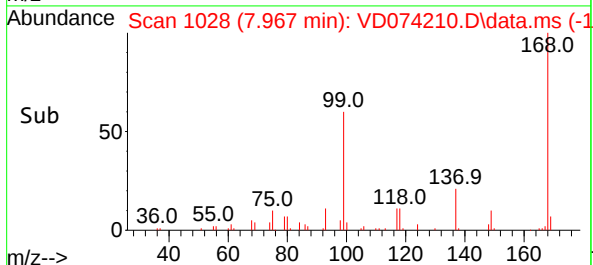
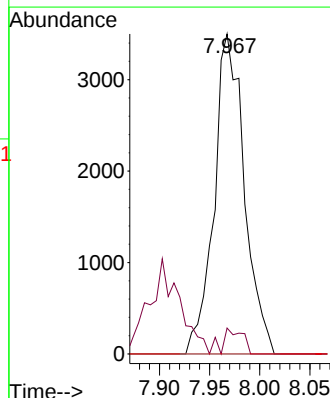
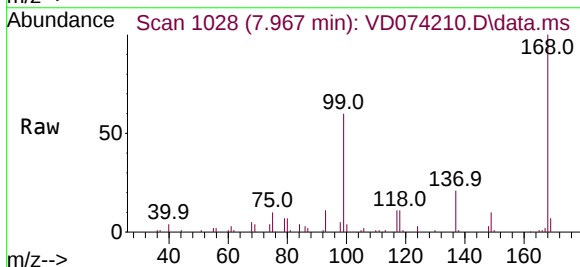
Tgt Ion: 75 Resp: 7318

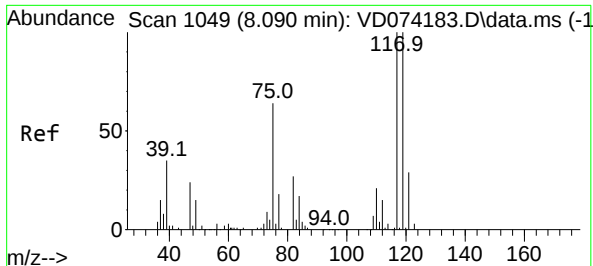
Ion Ratio Lower Upper

75 100

110 5.4 16.4 49.1#

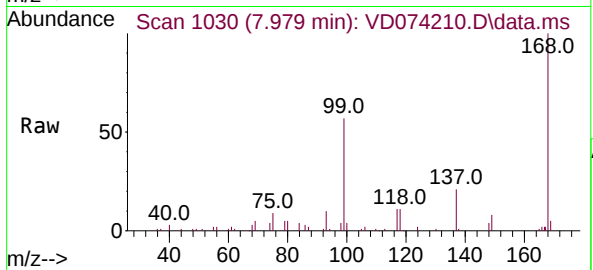
77 0.0 24.2 36.2#



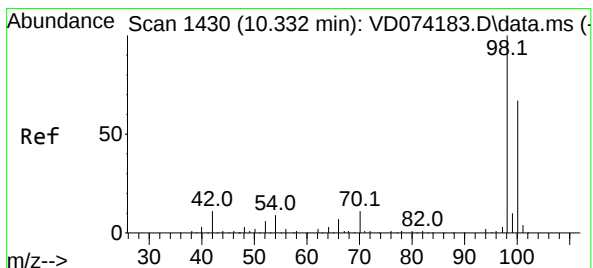
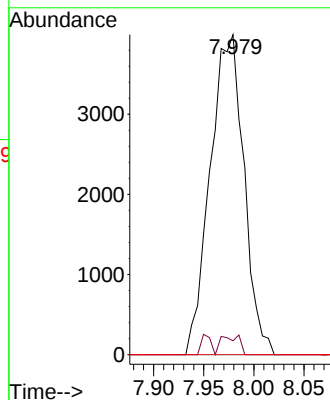
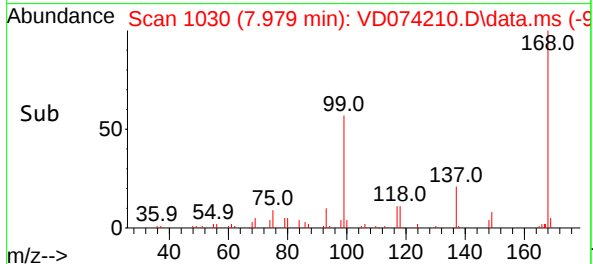


#38
Carbon Tetrachloride
Concen: 3.905 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.111 min
Lab File: VD074210.D
Acq: 24 Aug 2022 04:53

Instrument :
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ClientSampleId :
XRDS-RECYCLED-SAND-SP-A-GRAB

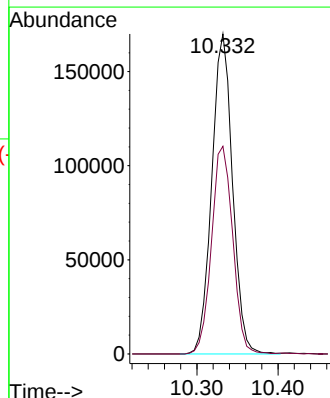
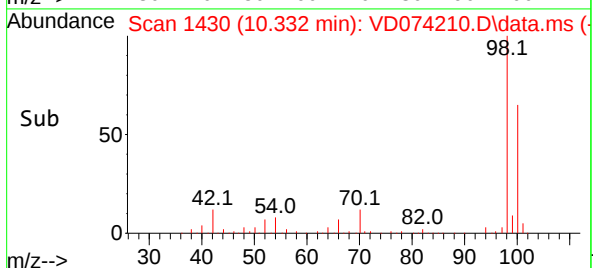
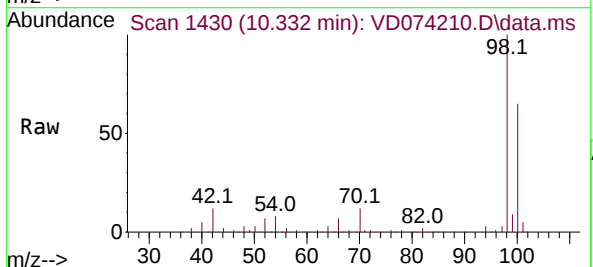


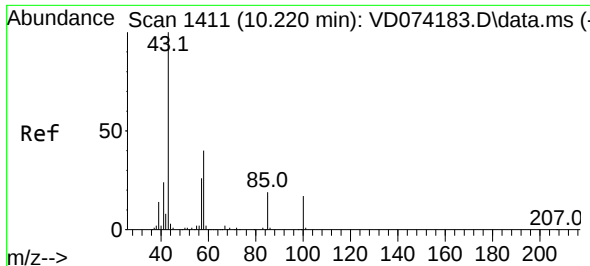
Tgt Ion:117 Resp: 9351
Ion Ratio Lower Upper
117 100
119 4.4 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 63.563 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074210.D
Acq: 24 Aug 2022 04:53

Tgt Ion: 98 Resp: 301727
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6

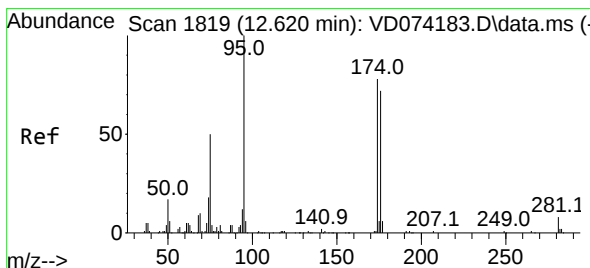
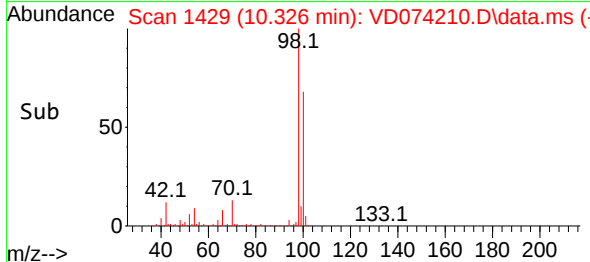
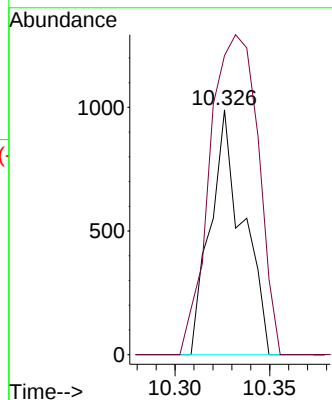
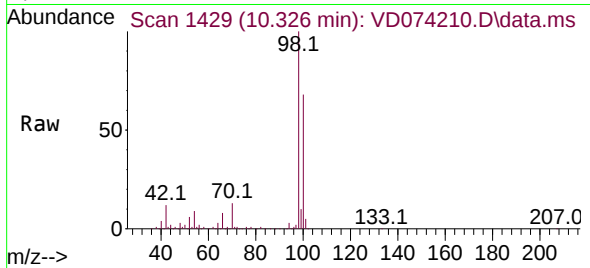




#51
4-Methyl-2-Pentanone
Concen: 1.339 ug/l
RT: 10.326 min Scan# 1411
Delta R.T. 0.106 min
Lab File: VD074210.D
Acq: 24 Aug 2022 04:53

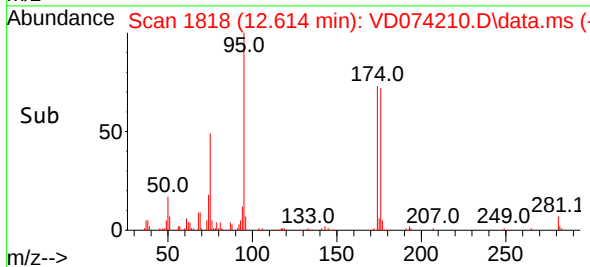
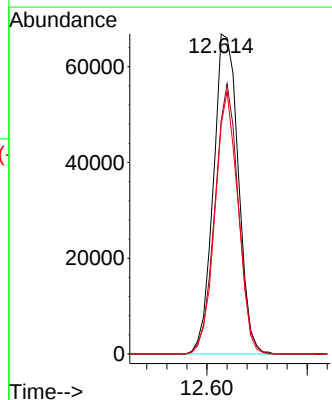
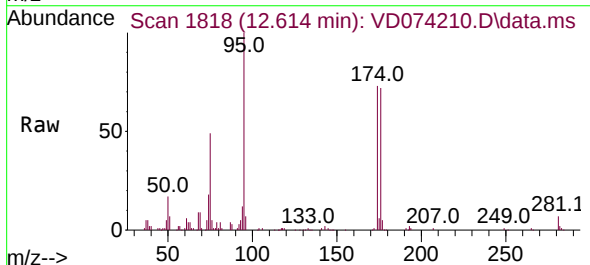
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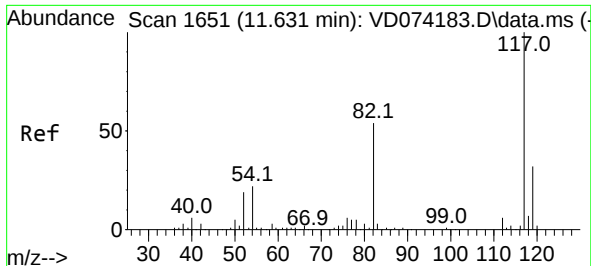
Tgt Ion: 43 Resp: 1183
Ion Ratio Lower Upper
43 100
58 194.0 28.6 43.0#



#62
4-Bromofluorobenzene
Concen: 61.288 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VD074210.D
Acq: 24 Aug 2022 04:53

Tgt Ion: 95 Resp: 114932
Ion Ratio Lower Upper
95 100
174 79.8 0.0 152.8
176 76.0 0.0 145.4

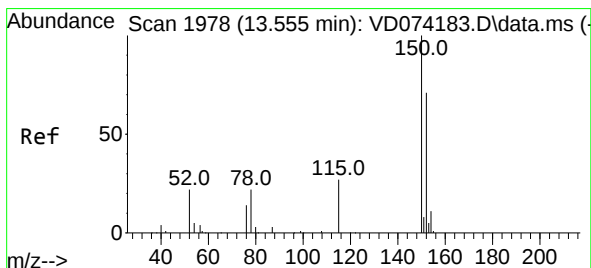
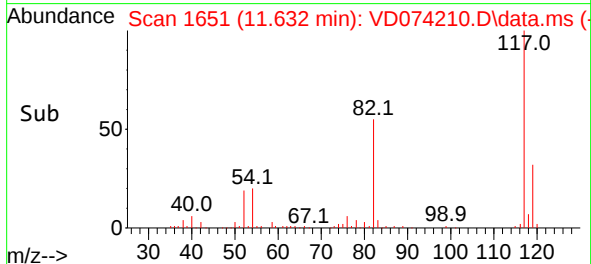
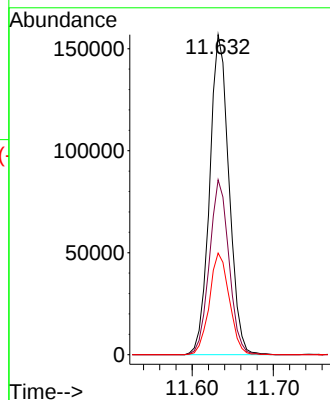
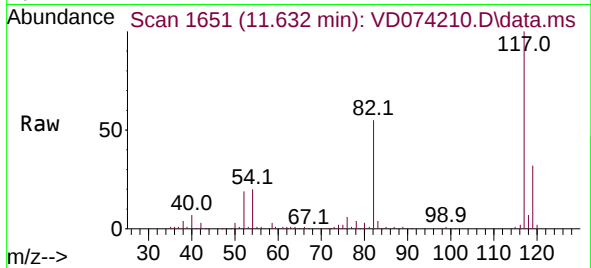




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1170
Delta R.T. 0.001 min
Lab File: VD074210.D
Acq: 24 Aug 2022 04:53

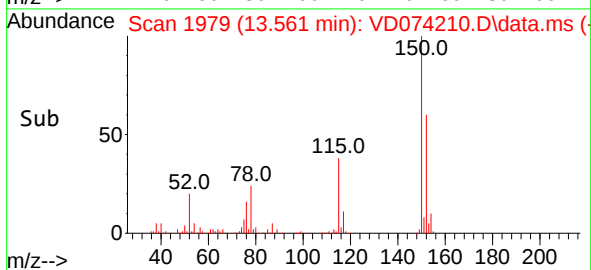
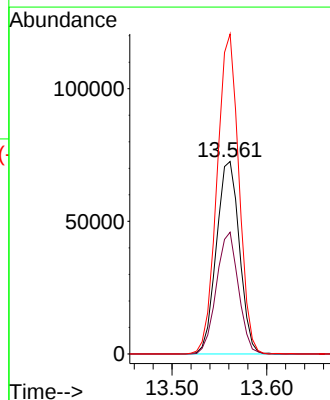
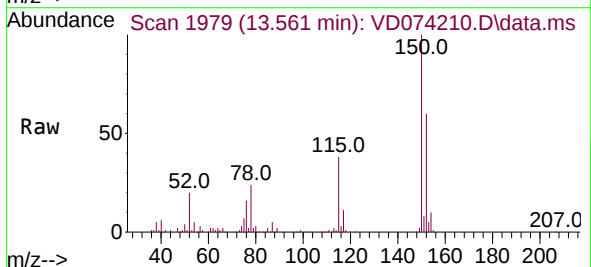
Instrument :
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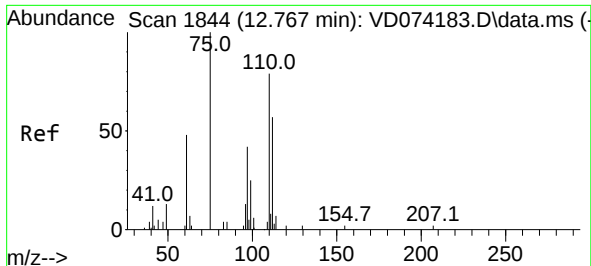
Tgt Ion:117 Resp: 259687
Ion Ratio Lower Upper
117 100
82 54.7 45.3 67.9
119 31.8 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.006 min
Lab File: VD074210.D
Acq: 24 Aug 2022 04:53

Tgt Ion:152 Resp: 122547
Ion Ratio Lower Upper
152 100
115 60.6 31.3 93.8
150 157.6 0.0 348.6

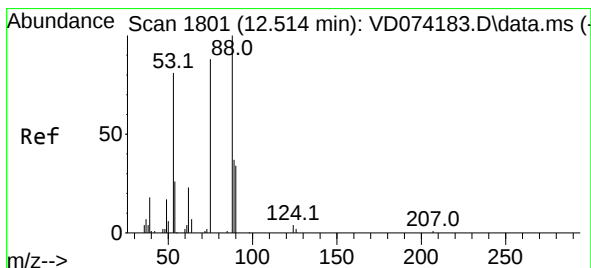
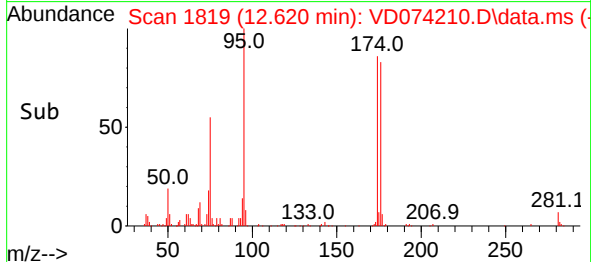
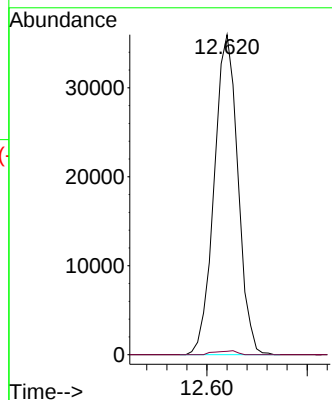
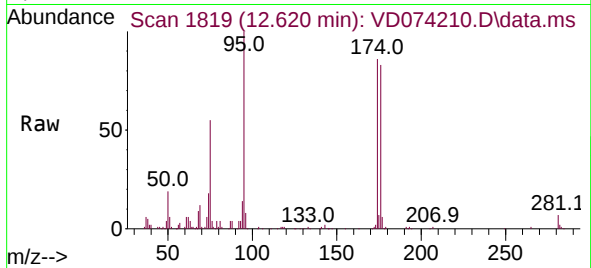




#76
1,2,3-Trichloropropane
Concen: 49.360 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD074210.D
Acq: 24 Aug 2022 04:53

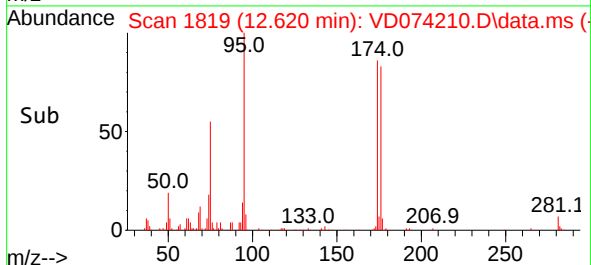
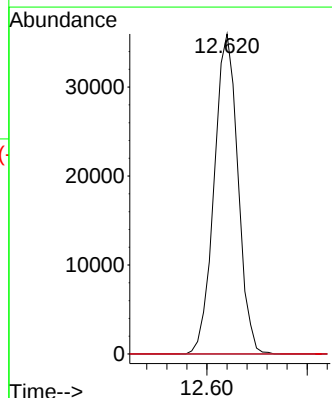
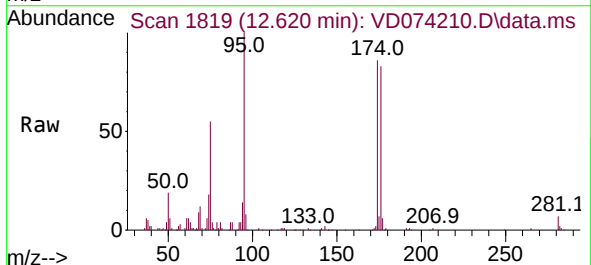
Instrument : MSVOA_D
ClientSampleId : XRDS-RECYCLED-SAND-SP-A-GRAB

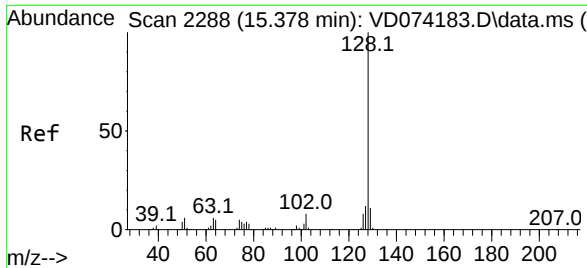
Tgt Ion: 75 Resp: 59063
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.936 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD074210.D
Acq: 24 Aug 2022 04:53

Tgt Ion: 75 Resp: 59063
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#





#95

Naphthalene

Concen: 3.509 ug/l

RT: 15.379 min Scan# 21

Delta R.T. 0.001 min

Lab File: VD074210.D

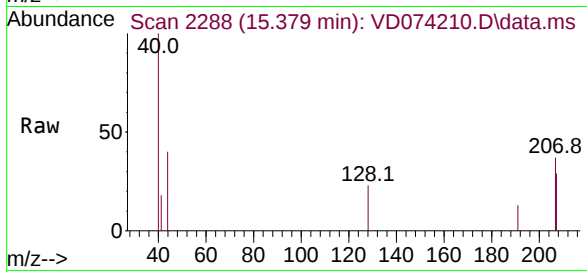
Acq: 24 Aug 2022 04:53

Instrument :

MSVOA_D

ClientSampleId :

XRDS-RECYCLED-SAND-SP-A-GRAB



Tgt Ion:	128	Resp:	400
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.4	12.6#

