

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082422\
 Data File : VD074230.D
 Acq On : 24 Aug 2022 18:33
 Operator : VA/SY
 Sample : N4295-02RE
 Misc : 10.58G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Aug 25 05:03:34 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)

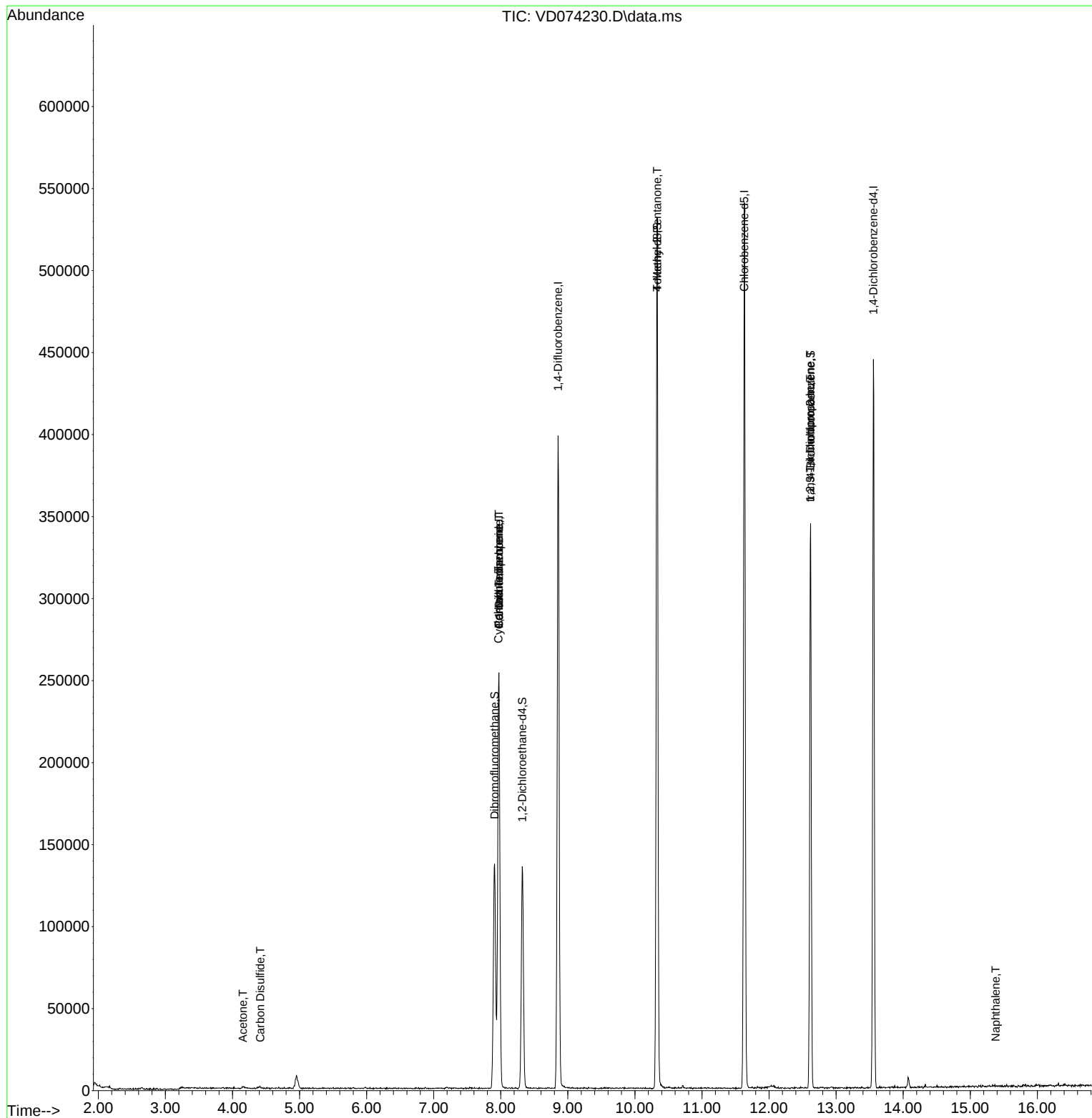
Internal Standards						
1) Pentafluorobenzene	7.973	168	183902	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	336798	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	307633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	118002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	108497	57.736	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.480%
35) Dibromofluoromethane	7.908	113	100885	44.782	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.560%
50) Toluene-d8	10.332	98	355670	49.055	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.120%
62) 4-Bromofluorobenzene	12.620	95	110651	38.631	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.260%
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	1778	4.966	ug/l	90
17) Carbon Disulfide	4.415	76	1921	2.328	ug/l #	74
18) Methyl Acetate	4.691	43	69	Below Cal	#	55
20) Methylene Chloride	4.956	84	5657	Below Cal		86
31) Cyclohexane	7.967	56	4416	1.320	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	14936	4.387	ug/l #	52
38) Carbon Tetrachloride	7.973	117	20133	5.504	ug/l #	18
51) 4-Methyl-2-Pentanone	10.332	43	1476	1.094	ug/l #	1
76) 1,2,3-Trichloropropane	12.614	75	55115	47.835	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.614	75	55115	123.013	ug/l #	7
95) Naphthalene	15.379	128	639	3.563	ug/l #	70

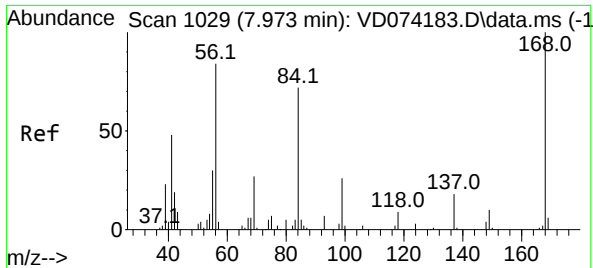
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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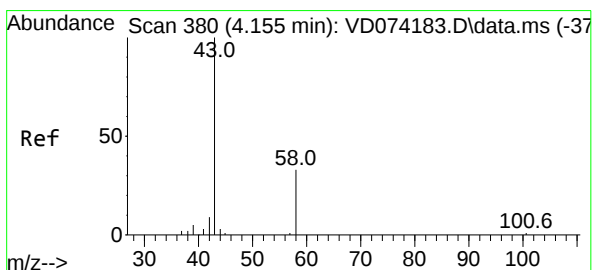
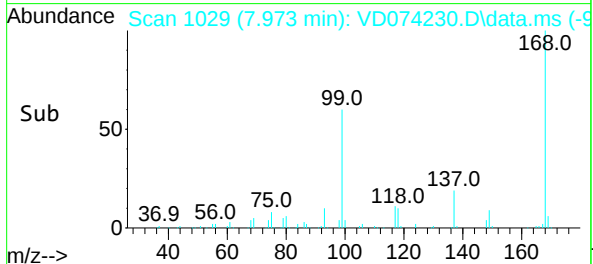
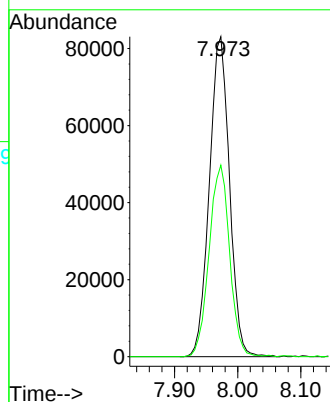
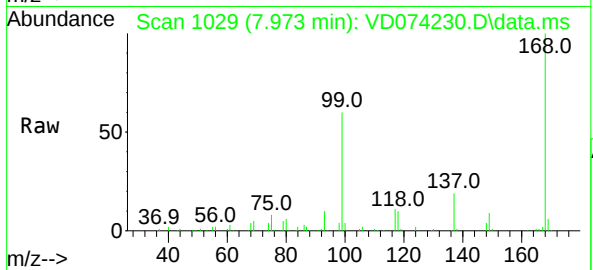




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074230.D
Acq: 24 Aug 2022 18:33

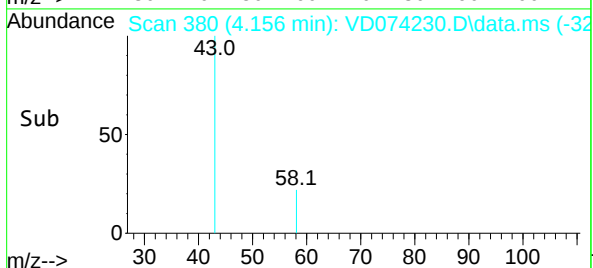
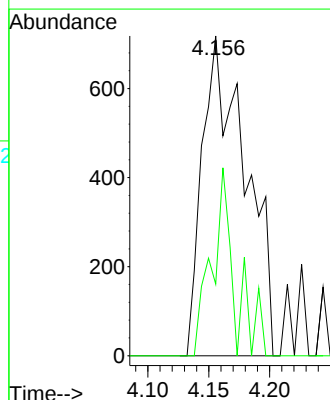
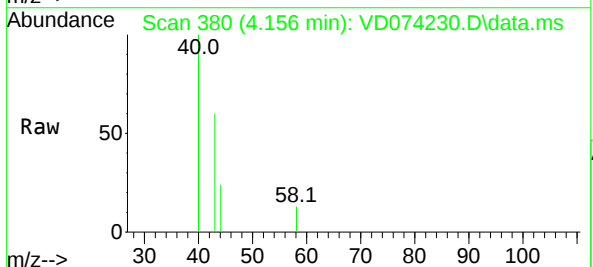
Instrument : MSVOA_D
ClientSampleId : XRDS-RECYCLED-SAND-SP-A-GRAB

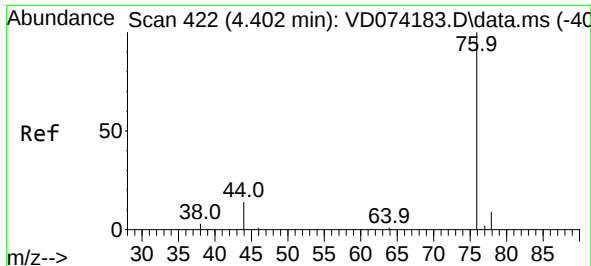
Tgt Ion:168 Resp: 183902
Ion Ratio Lower Upper
168 100
99 59.8 49.8 74.6



#16
Acetone
Concen: 4.966 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.001 min
Lab File: VD074230.D
Acq: 24 Aug 2022 18:33

Tgt Ion: 43 Resp: 1778
Ion Ratio Lower Upper
43 100
58 22.4 22.1 33.1

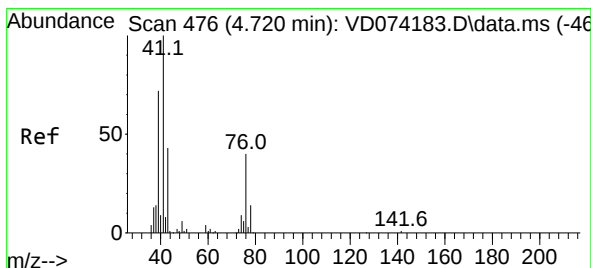
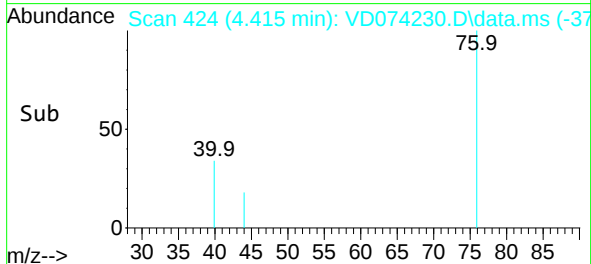
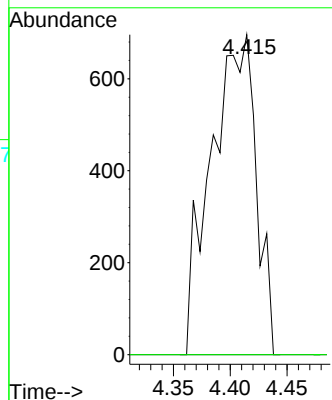
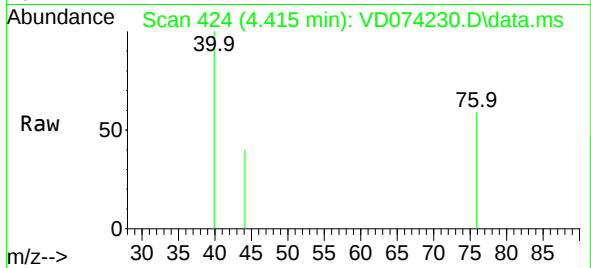




#17
Carbon Disulfide
Concen: 2.328 ug/l
RT: 4.415 min Scan# 41
Delta R.T. 0.013 min
Lab File: VD074230.D
Acq: 24 Aug 2022 18:33

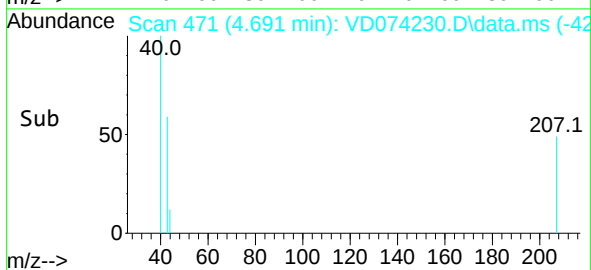
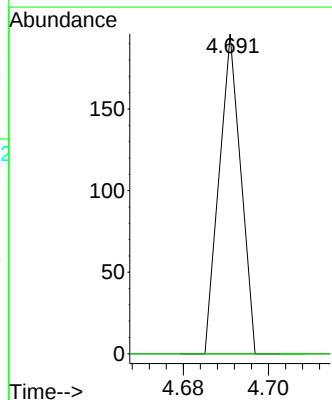
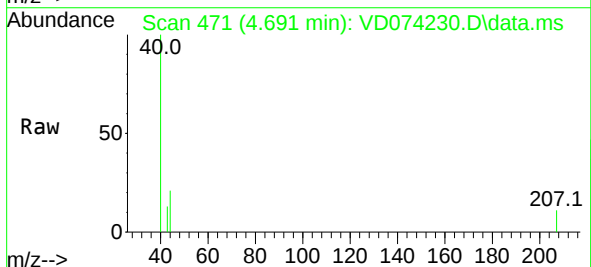
Instrument :
MSVOA_D
ClientSampleId :
XRDS-RECYCLED-SAND-SP-A-GRAB

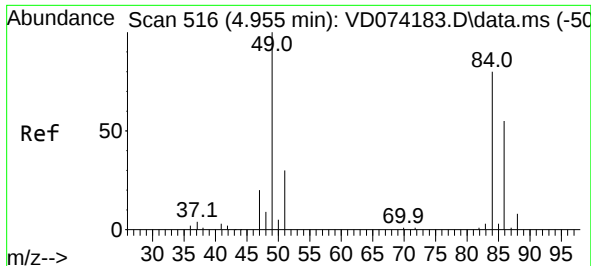
Tgt Ion: 76 Resp: 1921
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.691 min Scan# 471
Delta R.T. -0.029 min
Lab File: VD074230.D
Acq: 24 Aug 2022 18:33

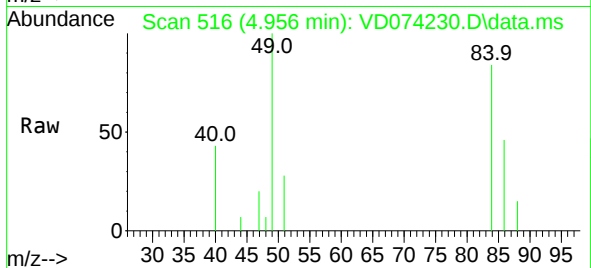
Tgt Ion: 43 Resp: 69
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



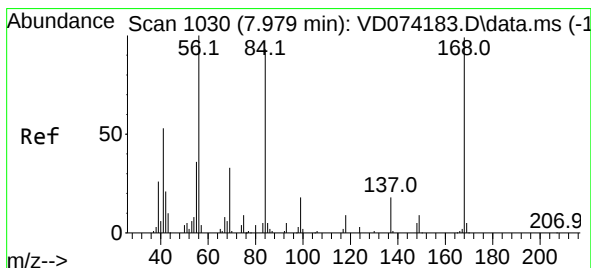
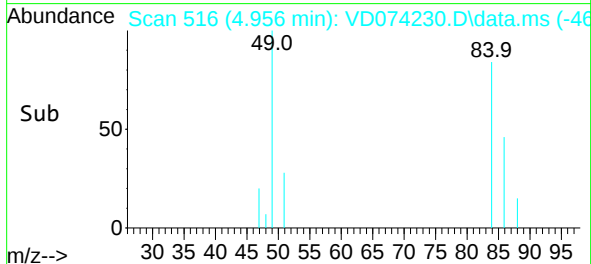
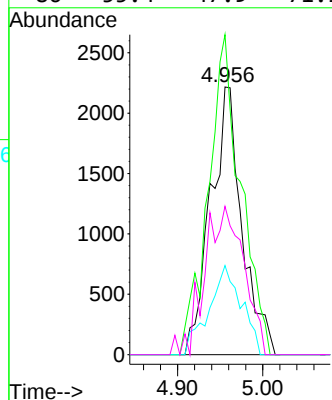


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. 0.001 min
Lab File: VD074230.D
Acq: 24 Aug 2022 18:33

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

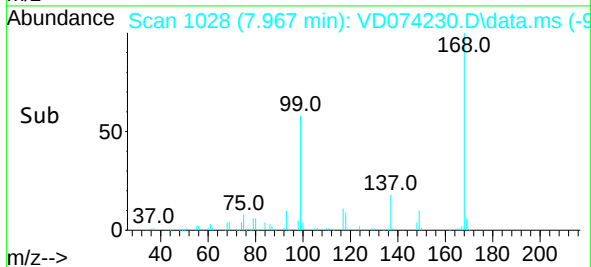
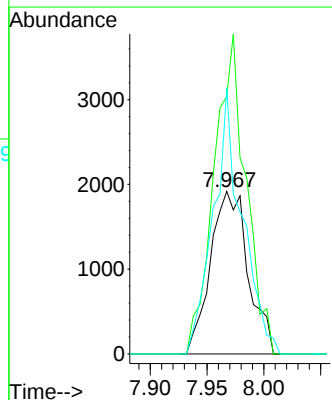
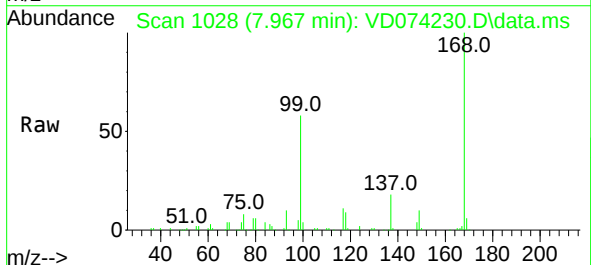


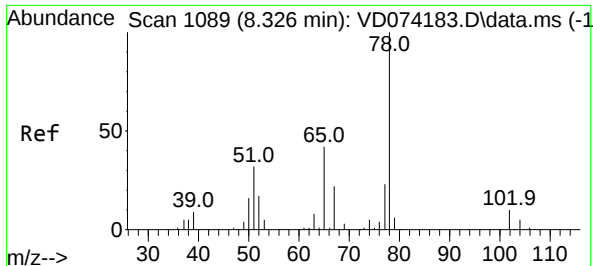
Tgt Ion:	84	Resp:	5657
Ion	Ratio	Lower	Upper
84	100		
49	119.5	112.8	169.2
51	33.3	32.6	48.8
86	55.4	47.9	71.9



#31
Cyclohexane
Concen: 1.320 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD074230.D
Acq: 24 Aug 2022 18:33

Tgt Ion:	56	Resp:	4416
Ion	Ratio	Lower	Upper
56	100		
69	158.4	25.4	38.2#
84	163.8	63.0	94.4#





#33

1,2-Dichloroethane-d4

Concen: 57.736 ug/l

RT: 8.320 min Scan# 1107

Delta R.T. -0.006 min

Lab File: VD074230.D

Acq: 24 Aug 2022 18:33

Instrument :

MSVOA_D

ClientSampleId :

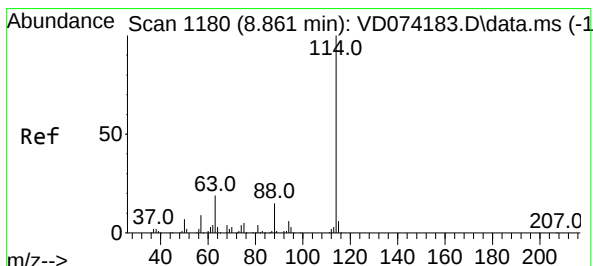
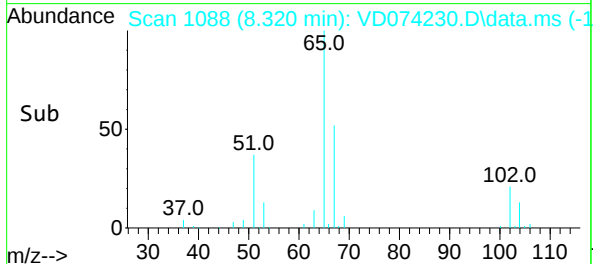
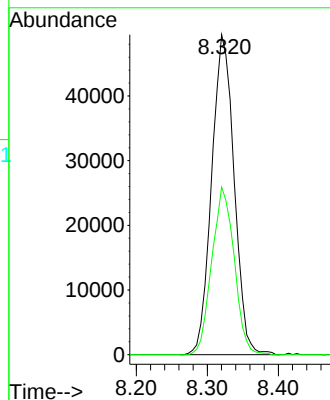
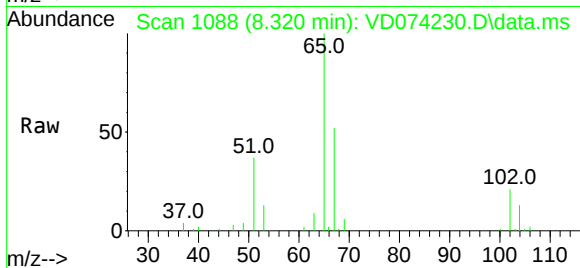
XRDS-RECYCLED-SAND-SP-A-GRAB

Tgt Ion: 65 Resp: 108497

Ion Ratio Lower Upper

65 100

67 52.2 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: VD074230.D

Acq: 24 Aug 2022 18:33

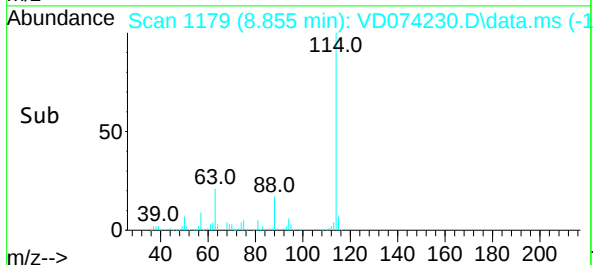
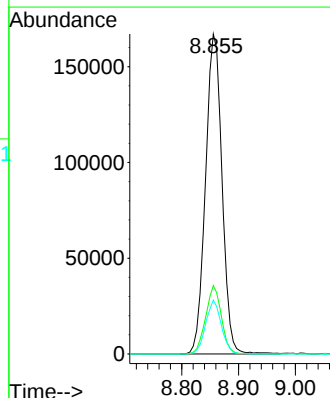
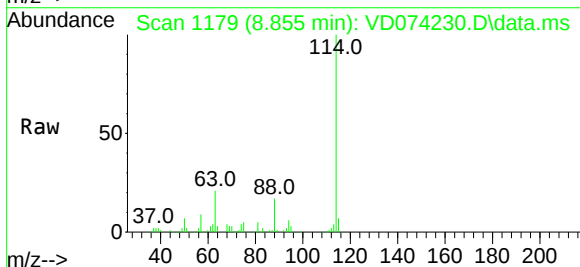
Tgt Ion: 114 Resp: 336798

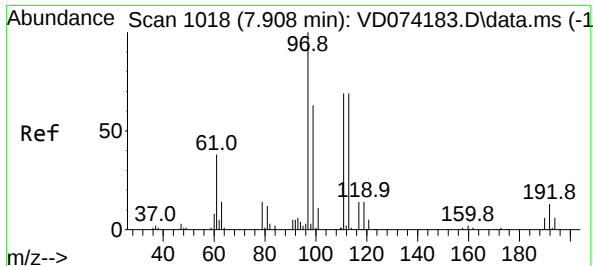
Ion Ratio Lower Upper

114 100

63 21.3 0.0 46.6

88 16.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 44.782 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD074230.D

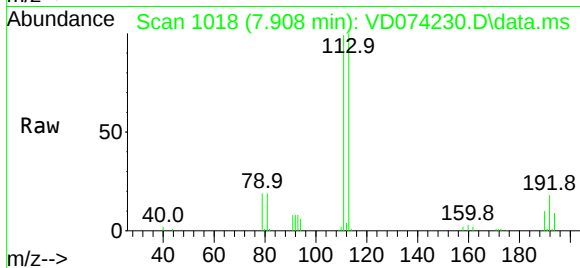
Acq: 24 Aug 2022 18:33

Instrument :

MSVOA_D

ClientSampleId :

XRDS-RECYCLED-SAND-SP-A-GRAB



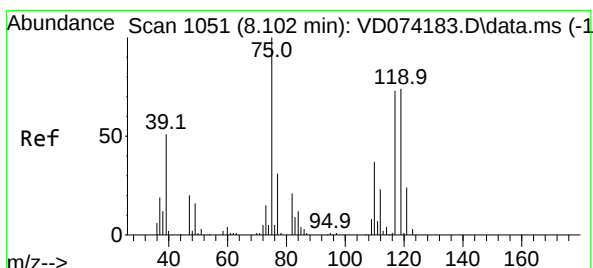
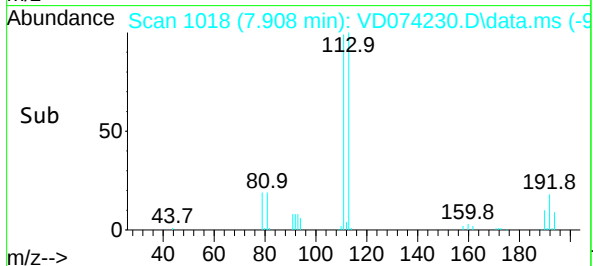
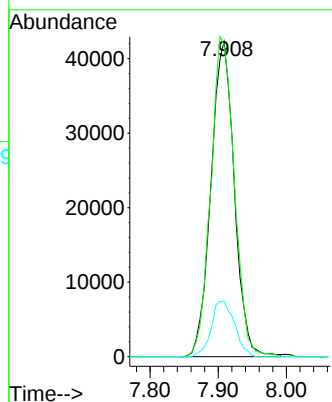
Tgt Ion:113 Resp: 100885

Ion Ratio Lower Upper

113 100

111 102.0 83.8 125.6

192 17.7 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.387 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.129 min

Lab File: VD074230.D

Acq: 24 Aug 2022 18:33

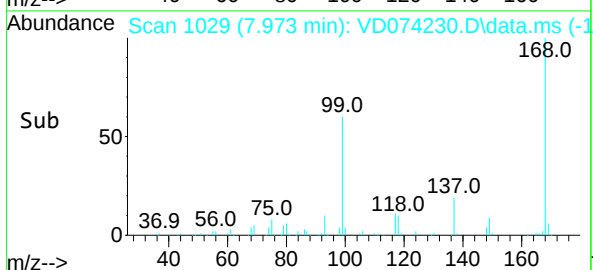
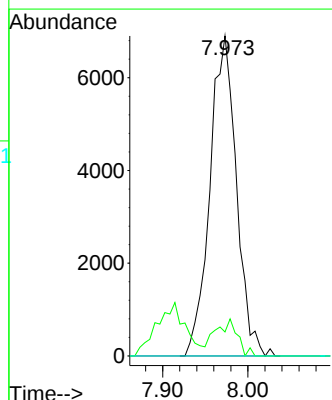
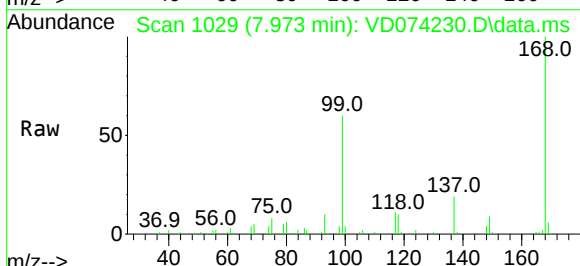
Tgt Ion: 75 Resp: 14936

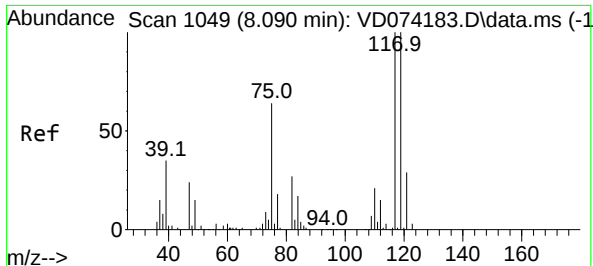
Ion Ratio Lower Upper

75 100

110 9.5 16.4 49.1#

77 0.0 24.2 36.2#

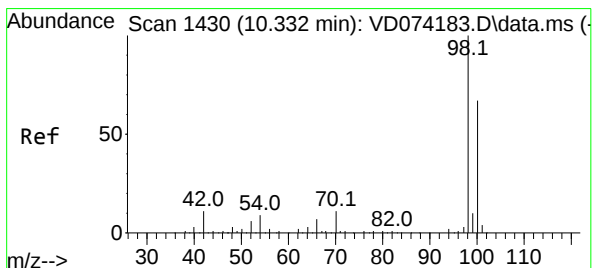
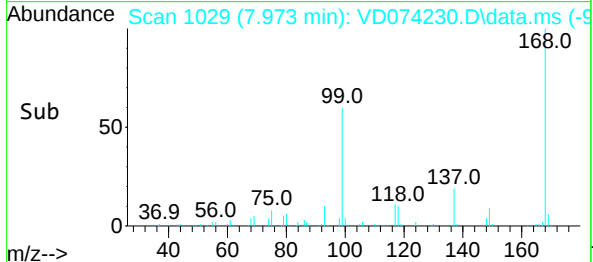
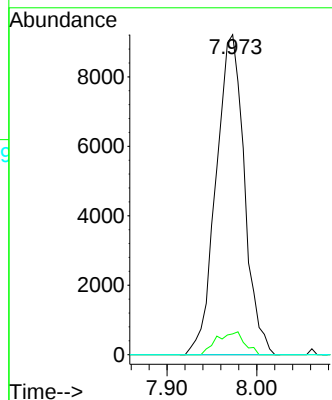
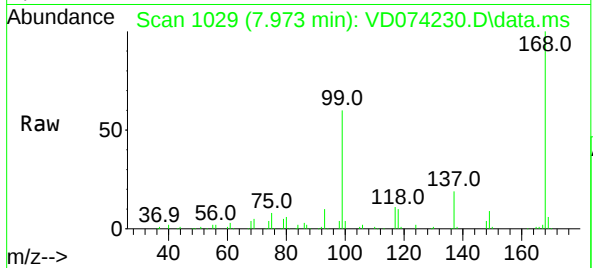




#38
Carbon Tetrachloride
Concen: 5.504 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.117 min
Lab File: VD074230.D
Acq: 24 Aug 2022 18:33

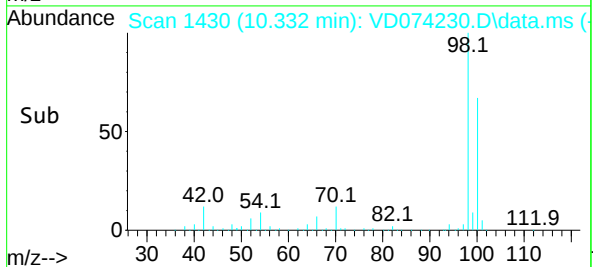
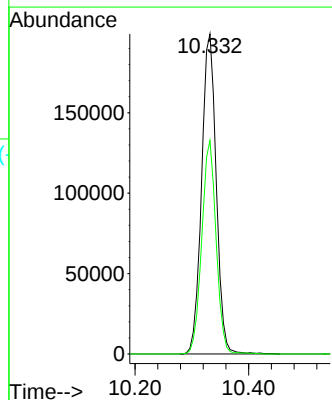
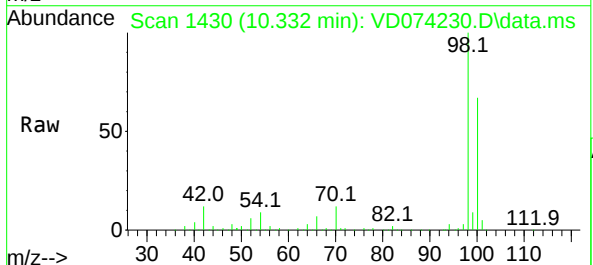
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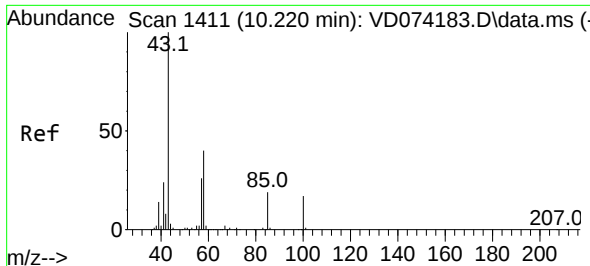
Tgt Ion:117 Resp: 20133
Ion Ratio Lower Upper
117 100
119 6.5 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.055 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074230.D
Acq: 24 Aug 2022 18:33

Tgt Ion: 98 Resp: 355670
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6

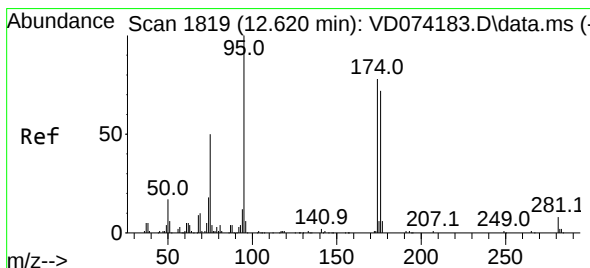
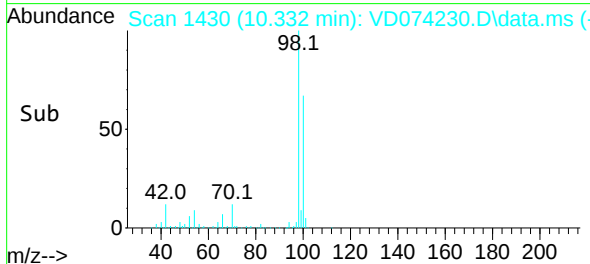
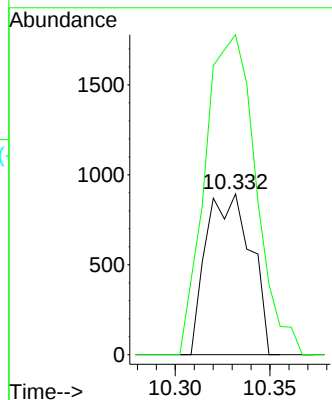
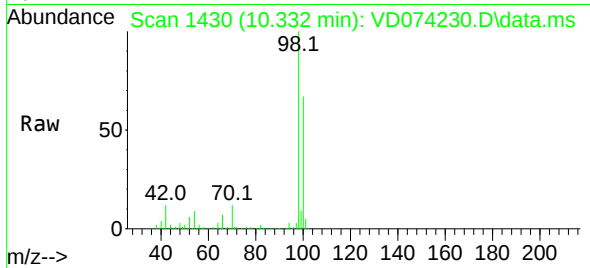




#51
4-Methyl-2-Pentanone
Concen: 1.094 ug/l
RT: 10.332 min Scan# 1411
Delta R.T. 0.112 min
Lab File: VD074230.D
Acq: 24 Aug 2022 18:33

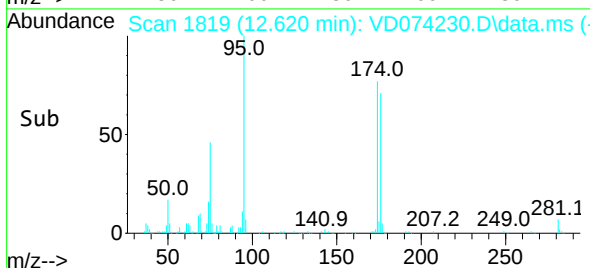
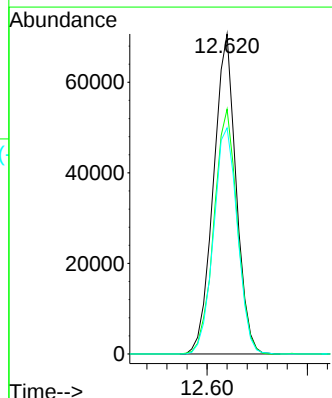
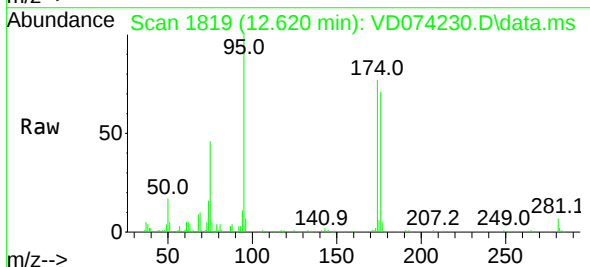
Instrument : MSVOA_D
ClientSampleId : XRDS-RECYCLED-SAND-SP-A-GRAB

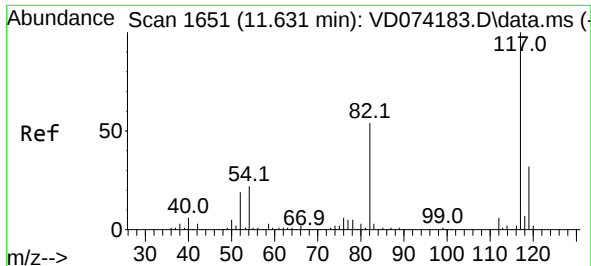
Tgt Ion: 43 Resp: 1476
Ion Ratio Lower Upper
43 100
58 224.4 28.6 43.0#



#62
4-Bromofluorobenzene
Concen: 38.631 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074230.D
Acq: 24 Aug 2022 18:33

Tgt Ion: 95 Resp: 110651
Ion Ratio Lower Upper
95 100
174 78.6 0.0 152.8
176 74.5 0.0 145.4

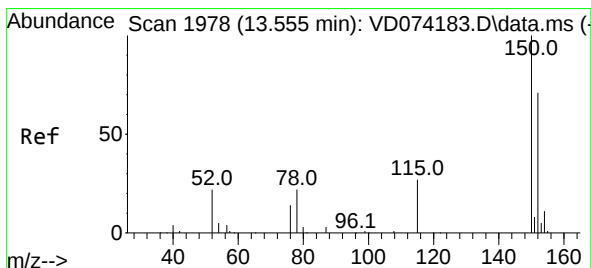
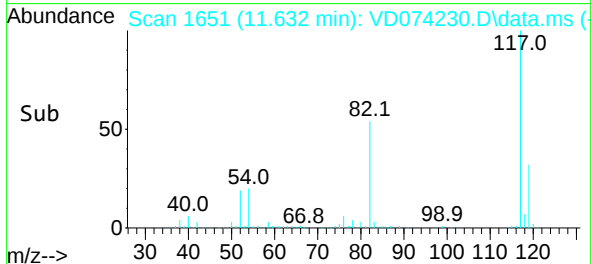
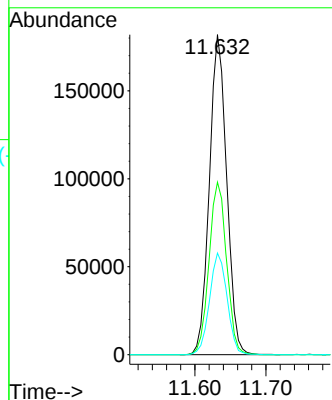
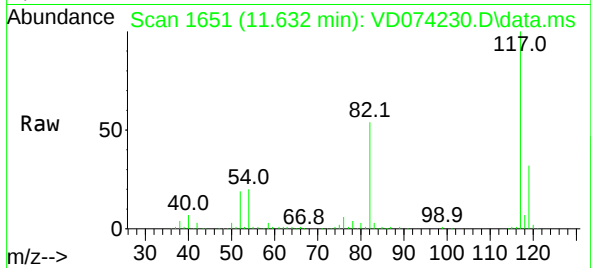




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD074230.D
Acq: 24 Aug 2022 18:33

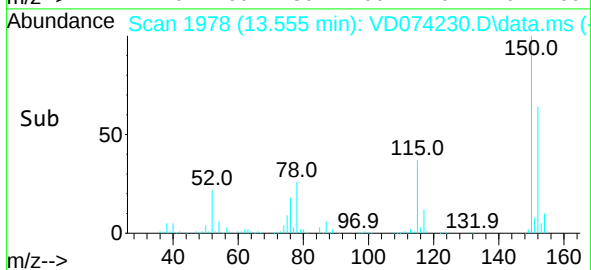
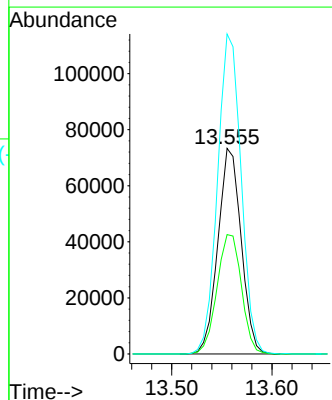
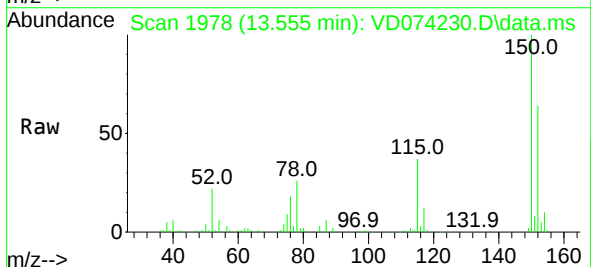
Instrument :
MSVOA_D
ClientSampleId :
XRDS-RECYCLED-SAND-SP-A-GRAB

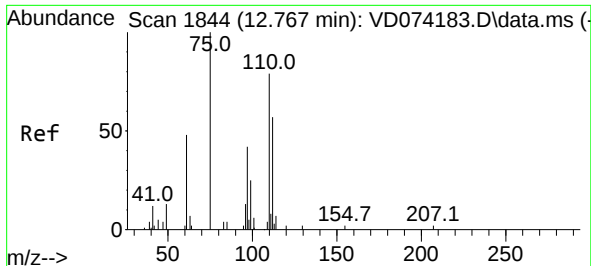
Tgt Ion:117 Resp: 307633
Ion Ratio Lower Upper
117 100
82 53.9 45.3 67.9
119 31.8 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. 0.000 min
Lab File: VD074230.D
Acq: 24 Aug 2022 18:33

Tgt Ion:152 Resp: 118002
Ion Ratio Lower Upper
152 100
115 61.0 31.3 93.8
150 157.5 0.0 348.6

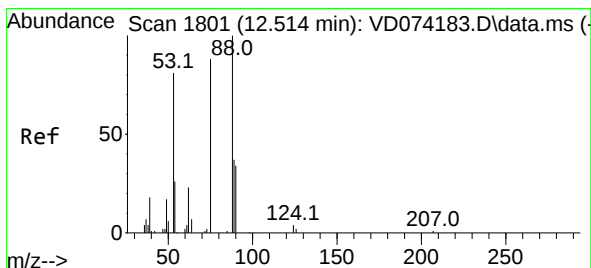
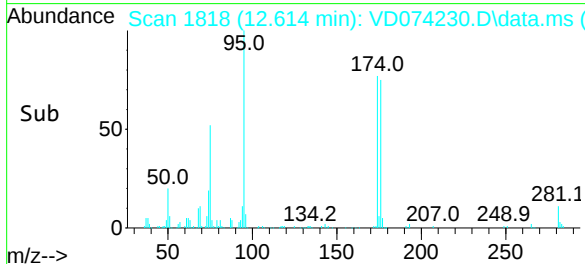
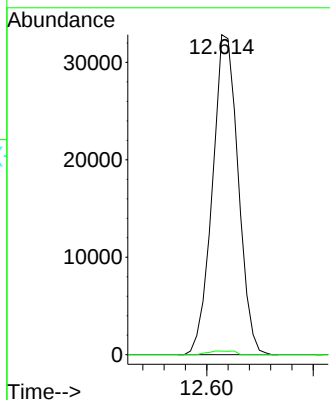
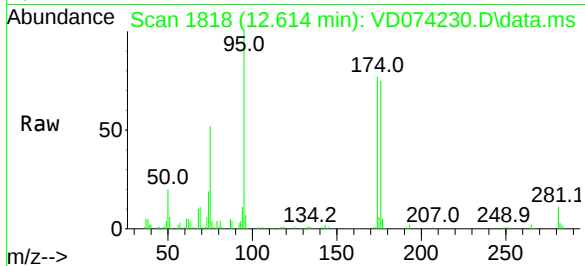




#76
1,2,3-Trichloropropane
Concen: 47.835 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.153 min
Lab File: VD074230.D
Acq: 24 Aug 2022 18:33

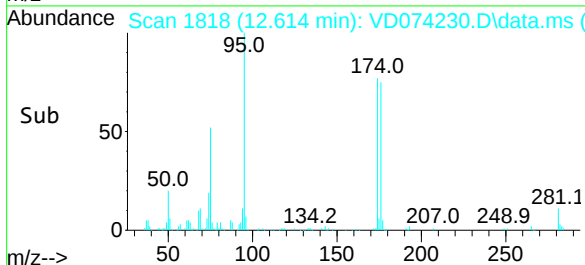
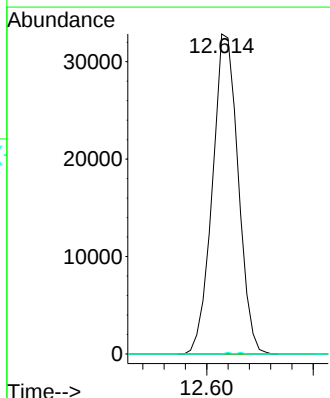
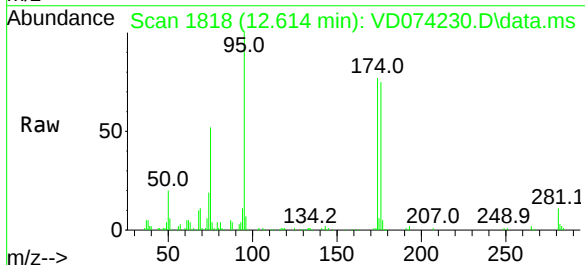
Instrument :
MSVOA_D
ClientSampleId :
XRDS-RECYCLED-SAND-SP-A-GRAB

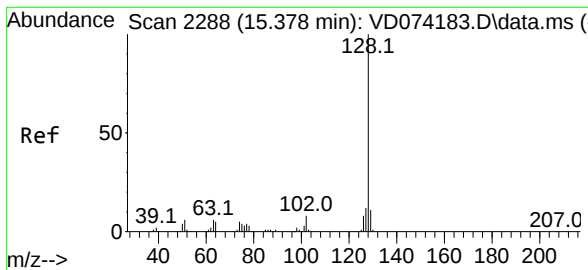
Tgt Ion: 75 Resp: 55115
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 123.013 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. 0.100 min
Lab File: VD074230.D
Acq: 24 Aug 2022 18:33

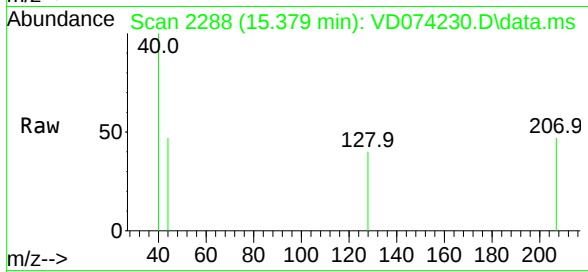
Tgt Ion: 75 Resp: 55115
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.2 33.9 50.9#





#95
Naphthalene
Concen: 3.563 ug/l
RT: 15.379 min Scan# 21
Delta R.T. 0.001 min
Lab File: VD074230.D
Acq: 24 Aug 2022 18:33

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



Tgt Ion:	128	Resp:	639
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.4	12.6#

