

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072122\
 Data File : VD073896.D
 Acq On : 21 Jul 2022 14:59
 Operator : VA/SY
 Sample : N3814-01
 Misc : 5.63G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ENV-DE-4(0-5)

Quant Time: Jul 22 01:19:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 20 15:29:08 2022
 Response via : Initial Calibration

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

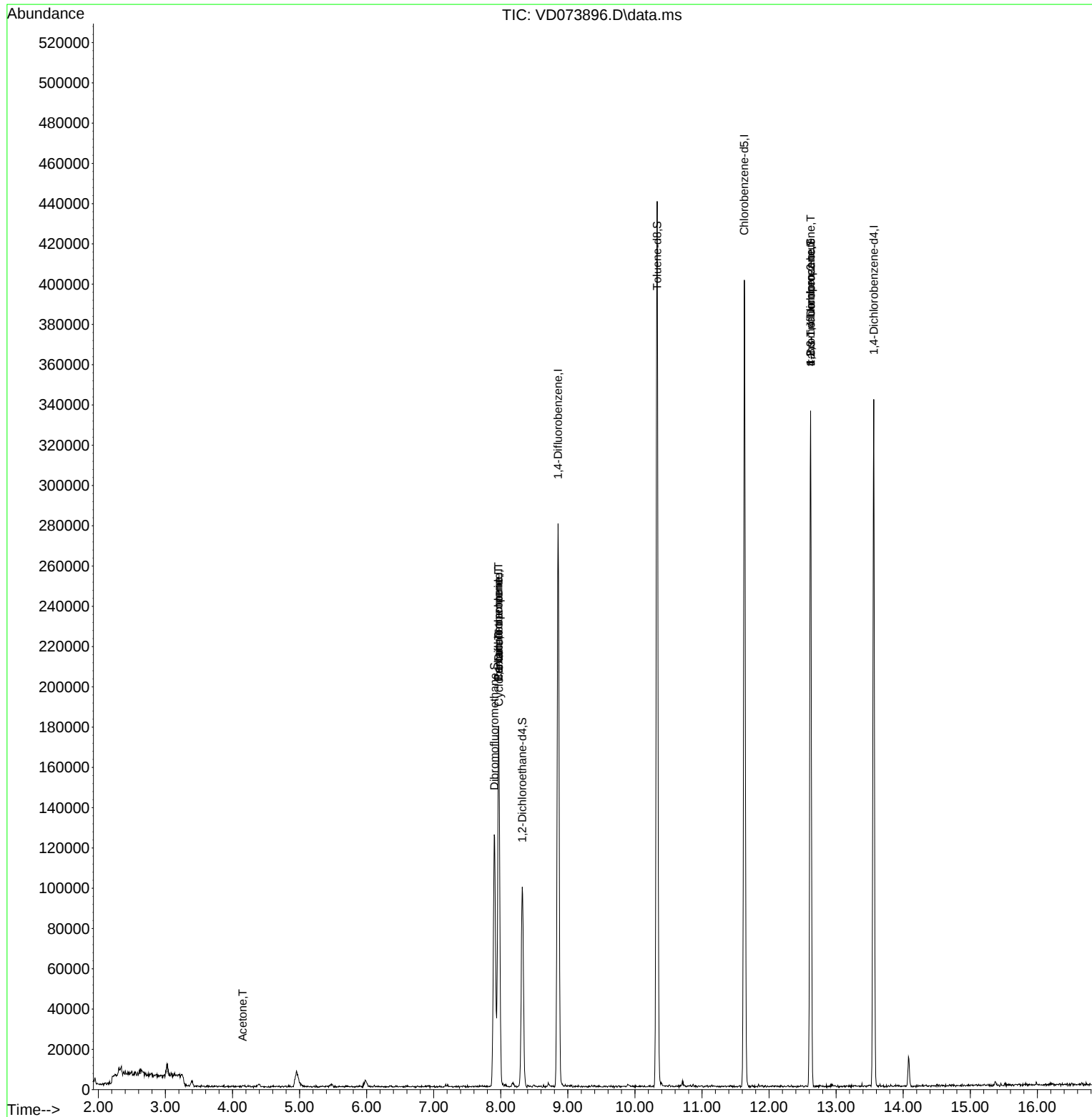
Internal Standards						
1) Pentafluorobenzene	7.967	168	125159	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	239616	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	222219	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	84030	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	79634	53.283	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.560%	
35) Dibromofluoromethane	7.902	113	84946	50.251	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.500%	
50) Toluene-d8	10.332	98	292724	47.701	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.400%	
62) 4-Bromofluorobenzene	12.620	95	93159	44.153	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 88.300%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	255	Below Cal	#	43
3) Chloromethane	2.209	50	780	Below Cal		98
16) Acetone	4.150	43	536	2.186	ug/l #	65
18) Methyl Acetate	4.838	43	60	Below Cal	#	55
20) Methylene Chloride	4.955	84	5680	Below Cal	#	72
31) Cyclohexane	7.973	56	3474	1.463	ug/l #	38
36) 1,1-Dichloropropene	7.967	75	10656	4.370	ug/l #	53
38) Carbon Tetrachloride	7.967	117	13665	4.907	ug/l #	16
76) 1,2,3-Trichloropropane	12.620	75	49360	54.747	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	49360	147.730	ug/l #	7

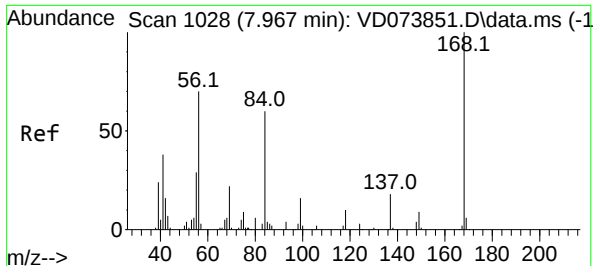
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ENV-DE-4(0-5)

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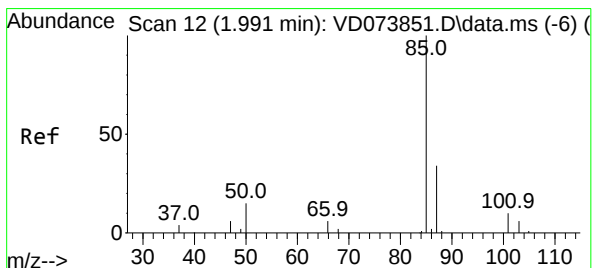
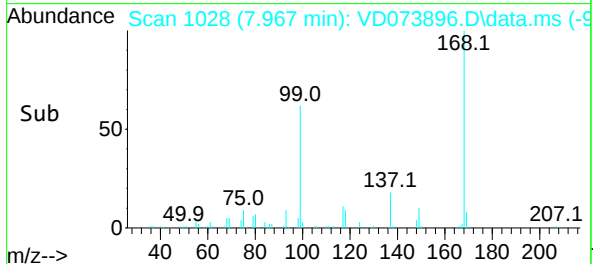
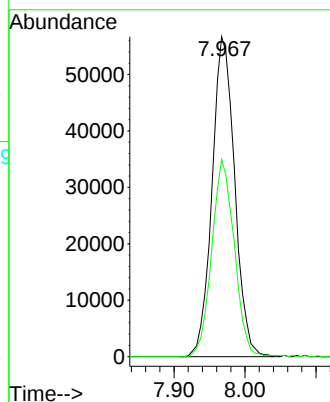
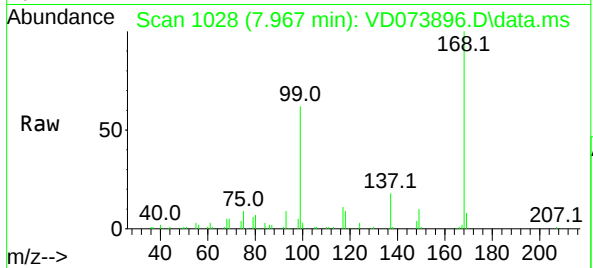




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD073896.D
Acq: 21 Jul 2022 14:59

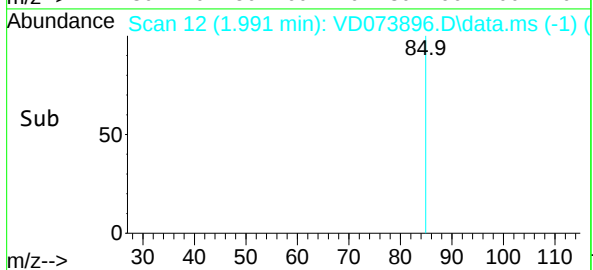
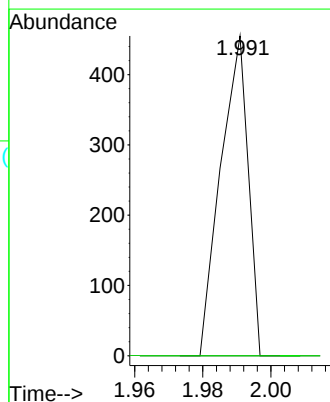
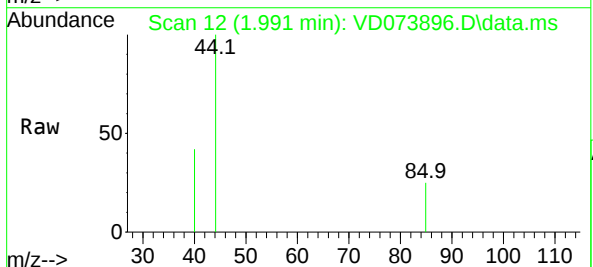
Instrument :
MSVOA_D
ClientSampleId :
ENV-DE-4(0-5)

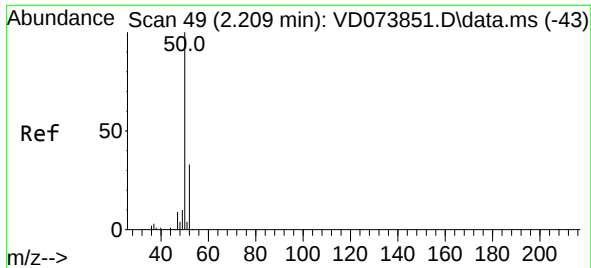
Tgt Ion:168 Resp: 125159
Ion Ratio Lower Upper
168 100
99 61.5 49.8 74.6



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD073896.D
Acq: 21 Jul 2022 14:59

Tgt Ion: 85 Resp: 255
Ion Ratio Lower Upper
85 100
87 0.0 15.7 47.0#

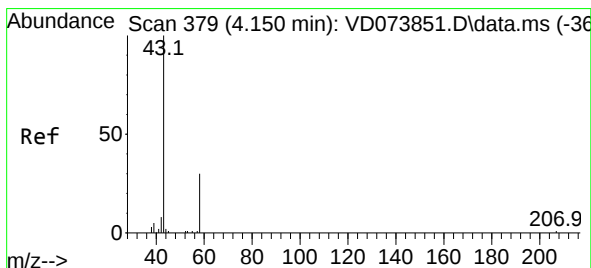
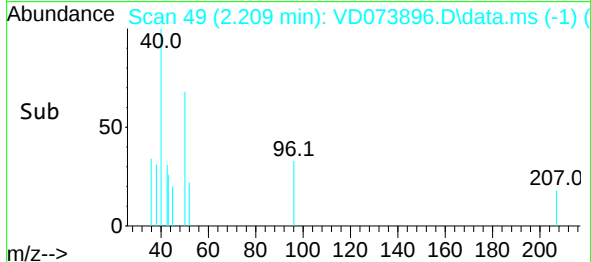
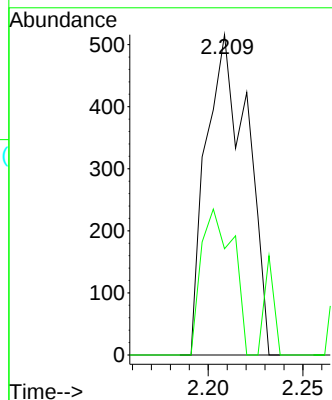
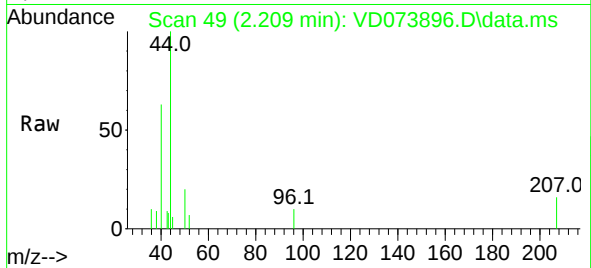




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073896.D
Acq: 21 Jul 2022 14:59

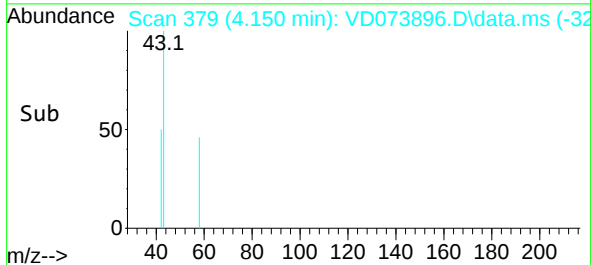
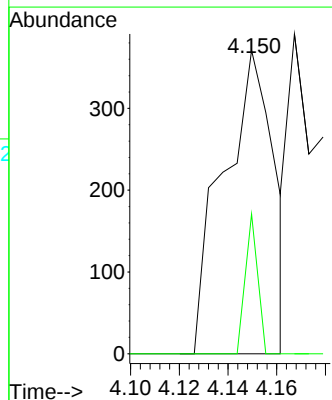
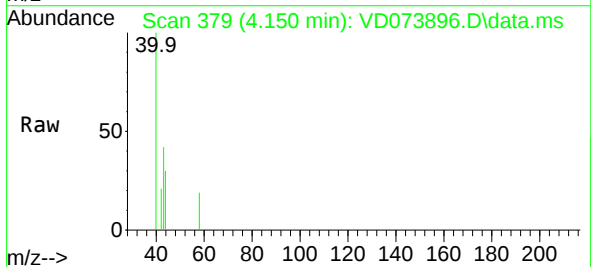
Instrument :
MSVOA_D
ClientSampleId :
ENV-DE-4(0-5)

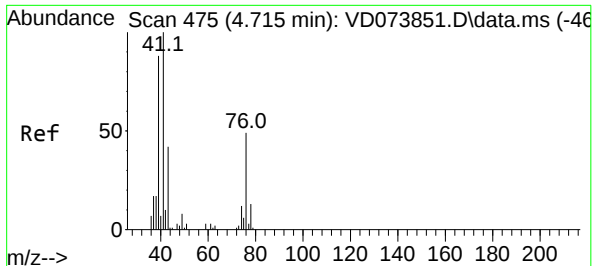
Tgt Ion: 50 Resp: 780
Ion Ratio Lower Upper
50 100
52 33.1 27.4 41.0



#16
Acetone
Concen: 2.186 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.000 min
Lab File: VD073896.D
Acq: 21 Jul 2022 14:59

Tgt Ion: 43 Resp: 536
Ion Ratio Lower Upper
43 100
58 46.1 22.1 33.1#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.838 min Scan# 496

Delta R.T. 0.123 min

Lab File: VD073896.D

Acq: 21 Jul 2022 14:59

Instrument :

MSVOA_D

ClientSampleId :

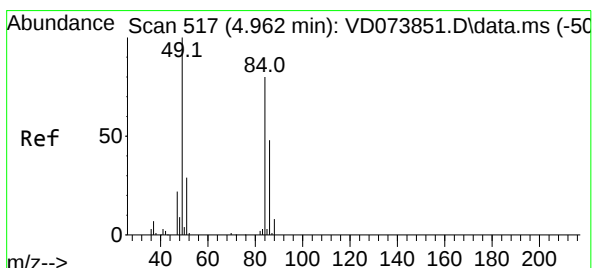
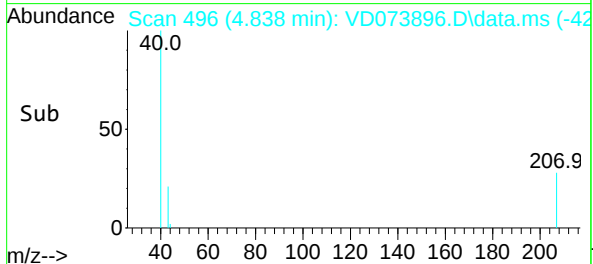
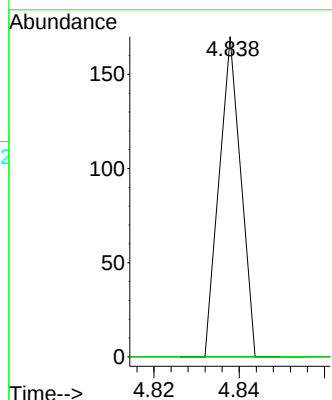
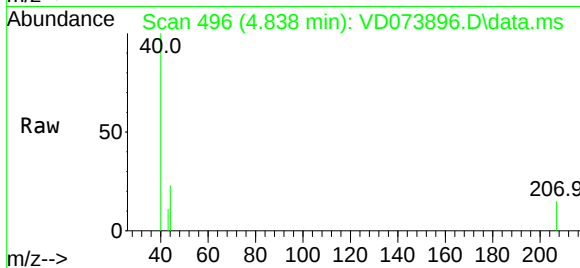
ENV-DE-4(0-5)

Tgt Ion: 43 Resp: 60

Ion Ratio Lower Upper

43 100

74 0.0 16.7 25.1#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.955 min Scan# 516

Delta R.T. -0.007 min

Lab File: VD073896.D

Acq: 21 Jul 2022 14:59

Tgt Ion: 84 Resp: 5680

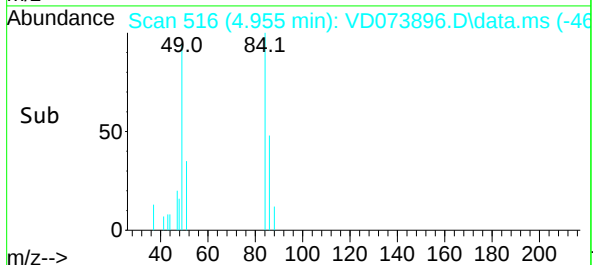
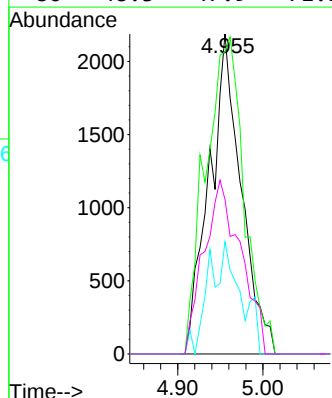
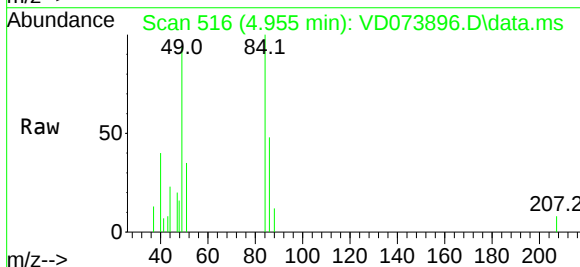
Ion Ratio Lower Upper

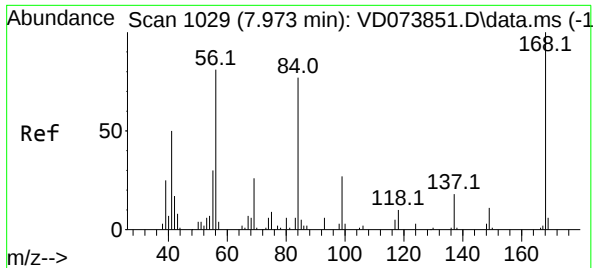
84 100

49 94.5 112.8 169.2#

51 35.1 32.6 48.8

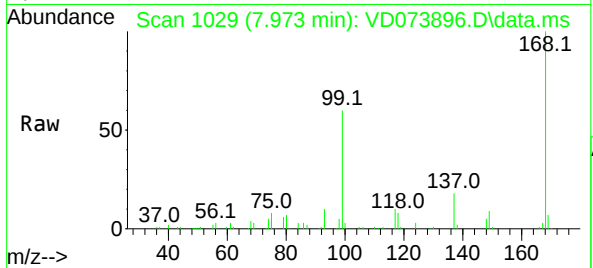
86 48.3 47.9 71.9



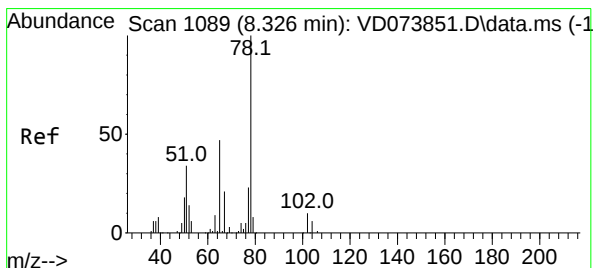
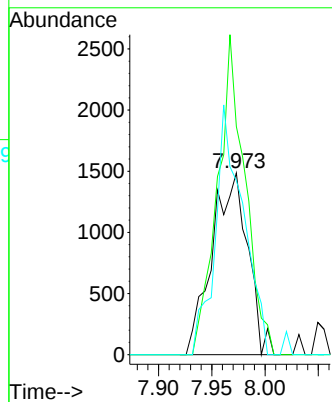
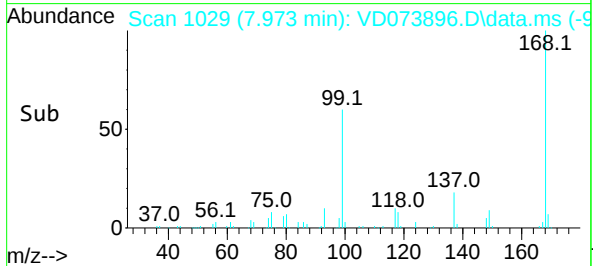


#31
Cyclohexane
Concen: 1.463 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD073896.D
Acq: 21 Jul 2022 14:59

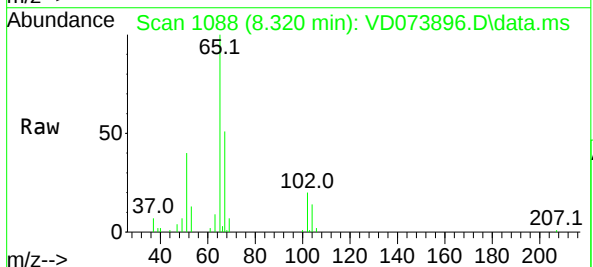
Instrument :
MSVOA_D
ClientSampleId :
ENV-DE-4(0-5)



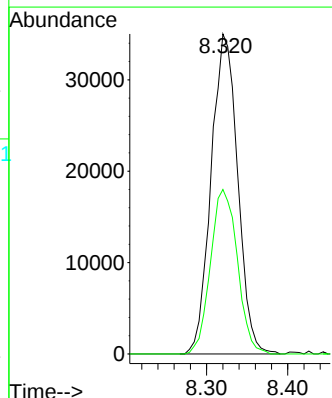
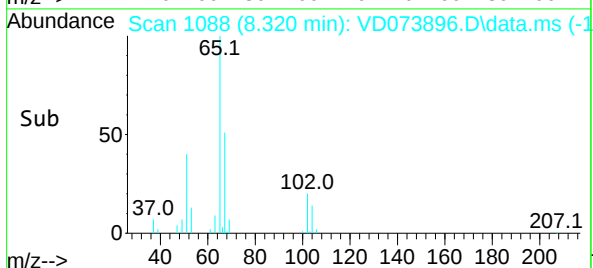
Tgt Ion: 56 Resp: 3474
Ion Ratio Lower Upper
56 100
69 125.6 25.4 38.2#
84 95.8 63.0 94.4#

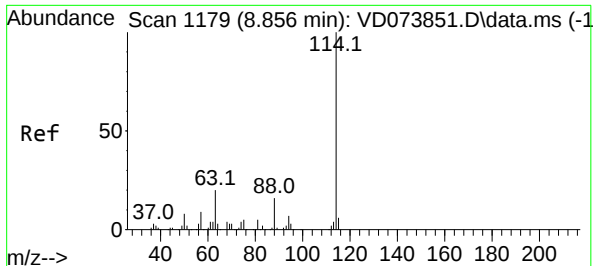


#33
1,2-Dichloroethane-d4
Concen: 53.283 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073896.D
Acq: 21 Jul 2022 14:59



Tgt Ion: 65 Resp: 79634
Ion Ratio Lower Upper
65 100
67 52.0 0.0 101.4

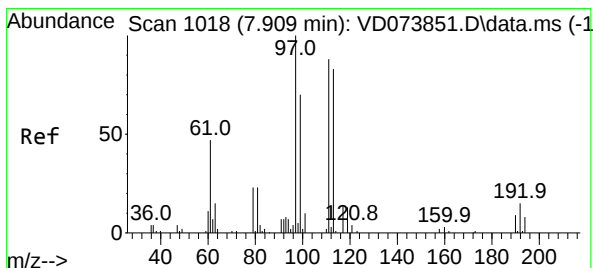
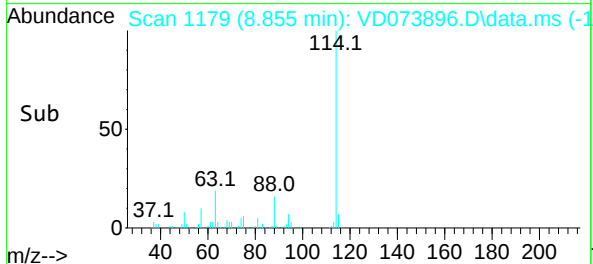
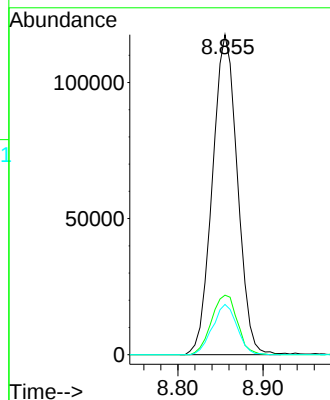
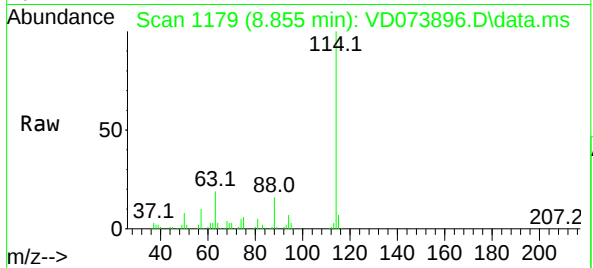




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VD073896.D
Acq: 21 Jul 2022 14:59

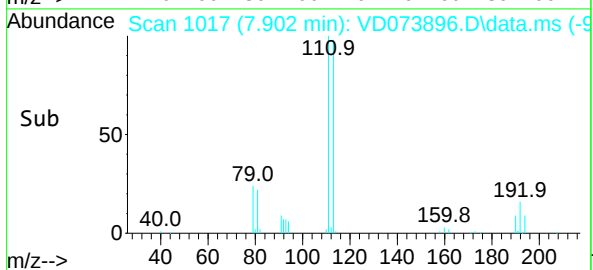
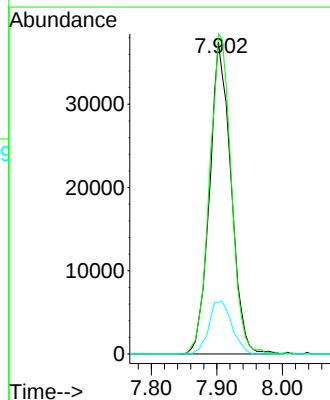
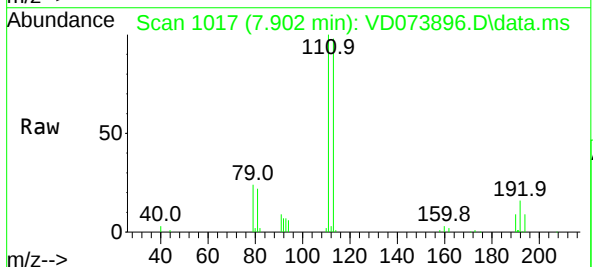
Instrument :
MSVOA_D
ClientSampleId :
ENV-DE-4(0-5)

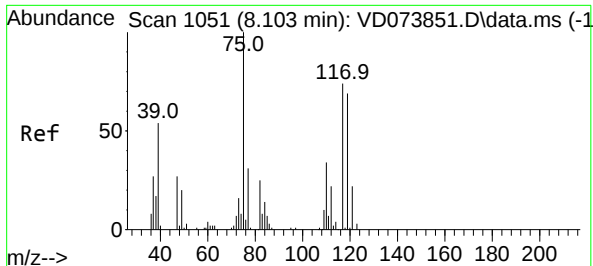
Tgt Ion:114 Resp: 239616
Ion Ratio Lower Upper
114 100
63 18.6 0.0 46.6
88 15.7 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.251 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.006 min
Lab File: VD073896.D
Acq: 21 Jul 2022 14:59

Tgt Ion:113 Resp: 84946
Ion Ratio Lower Upper
113 100
111 103.9 83.8 125.6
192 18.1 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.370 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.136 min

Lab File: VD073896.D

Acq: 21 Jul 2022 14:59

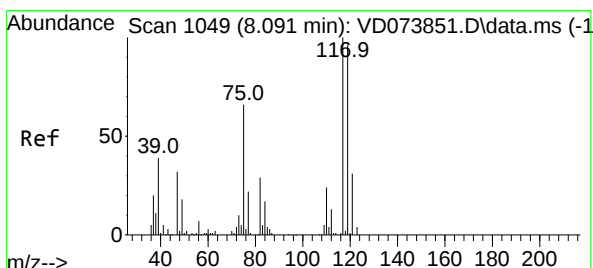
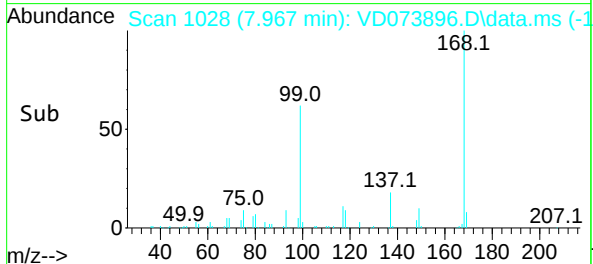
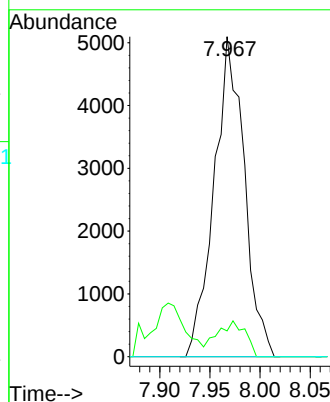
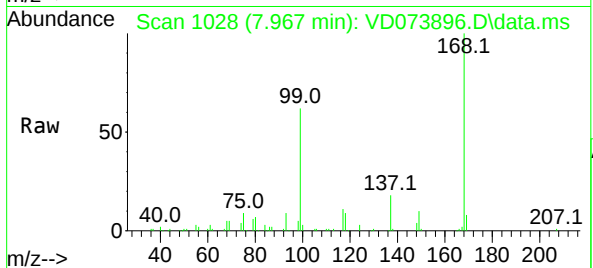
Instrument :

MSVOA_D

ClientSampleId :

ENV-DE-4(0-5)

Tgt Ion:	75	Resp:	10656
Ion	Ratio	Lower	Upper
75	100		
110	10.5	16.4	49.1#
77	0.0	24.2	36.2#



#38

Carbon Tetrachloride

Concen: 4.907 ug/l

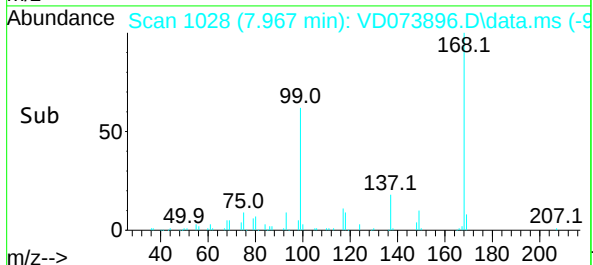
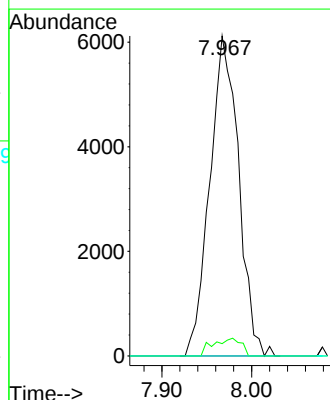
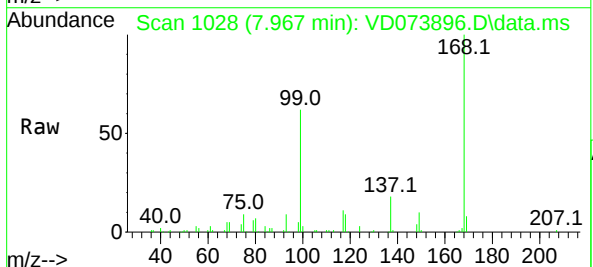
RT: 7.967 min Scan# 1028

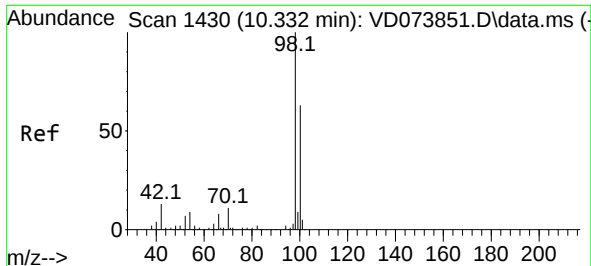
Delta R.T. -0.124 min

Lab File: VD073896.D

Acq: 21 Jul 2022 14:59

Tgt Ion:	117	Resp:	13665
Ion	Ratio	Lower	Upper
117	100		
119	3.8	75.8	113.6#
121	0.0	24.5	36.7#

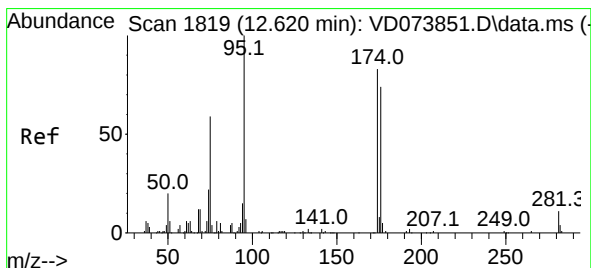
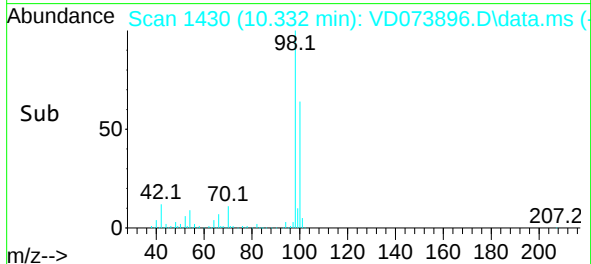
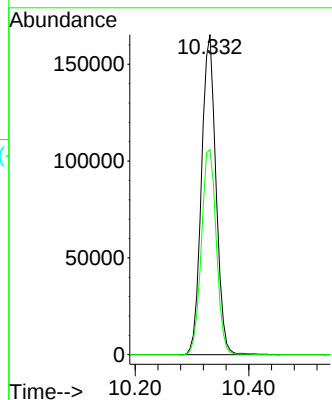
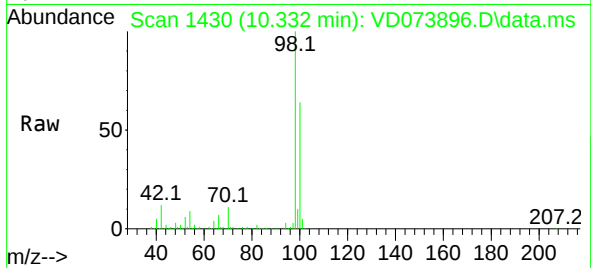




#50
Toluene-d8
Concen: 47.701 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073896.D
Acq: 21 Jul 2022 14:59

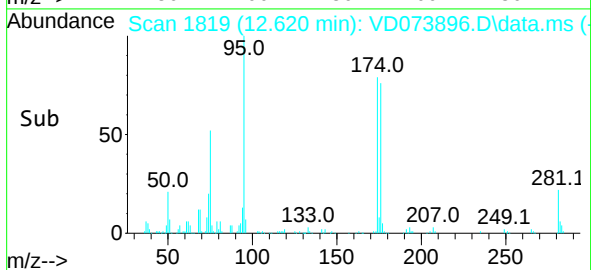
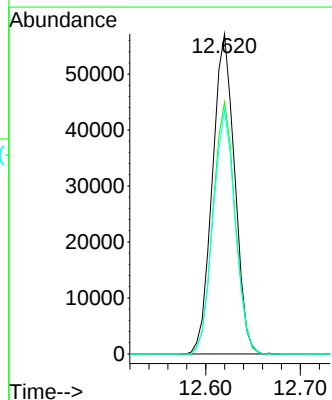
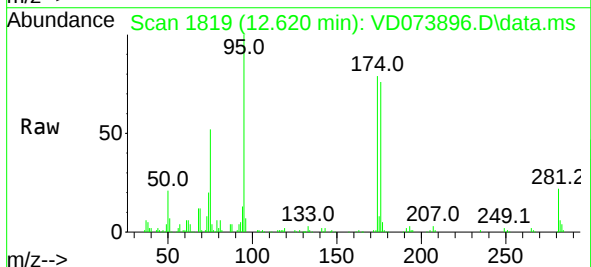
Instrument :
MSVOA_D
ClientSampleId :
ENV-DE-4(0-5)

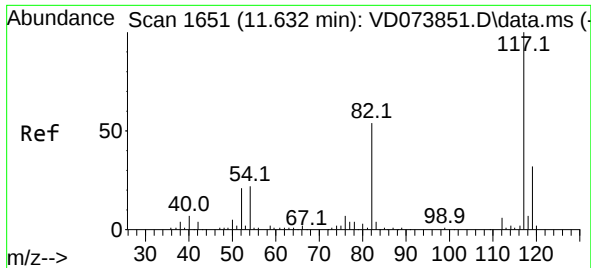
Tgt Ion: 98 Resp: 292724
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 44.153 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073896.D
Acq: 21 Jul 2022 14:59

Tgt Ion: 95 Resp: 93159
Ion Ratio Lower Upper
95 100
174 78.5 0.0 152.8
176 75.6 0.0 145.4

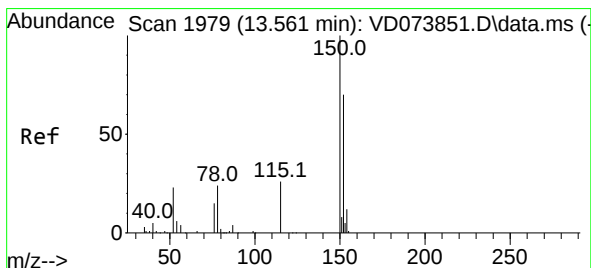
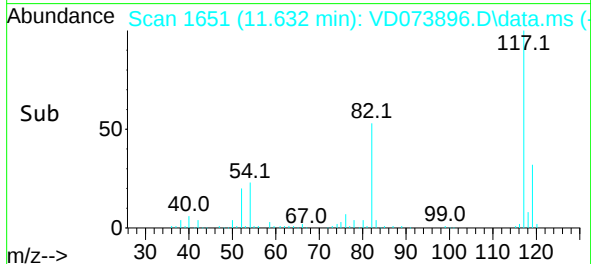
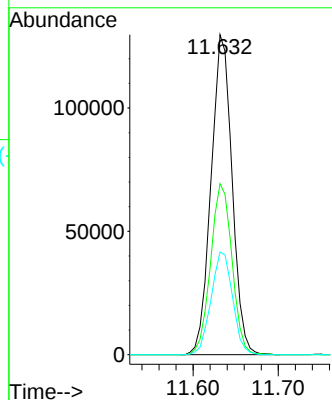
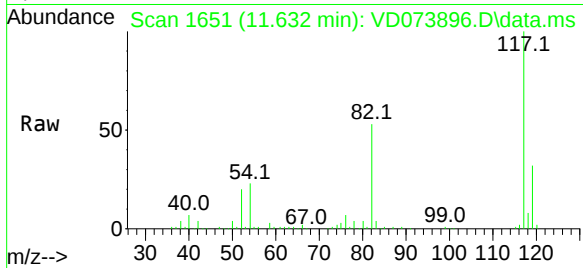




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073896.D
Acq: 21 Jul 2022 14:59

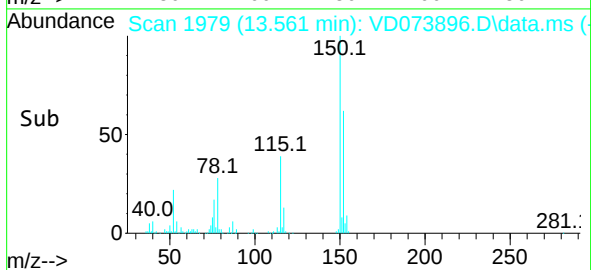
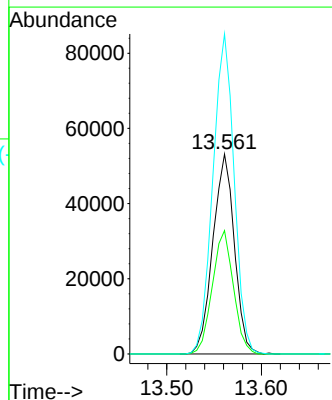
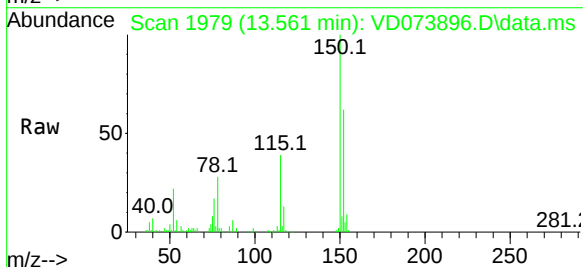
Instrument :
MSVOA_D
ClientSampleId :
ENV-DE-4(0-5)

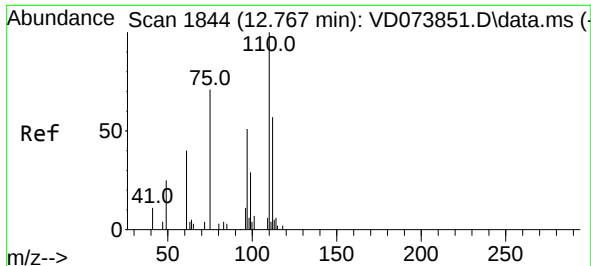
Tgt Ion:117 Resp: 222219
Ion Ratio Lower Upper
117 100
82 53.4 45.3 67.9
119 32.1 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073896.D
Acq: 21 Jul 2022 14:59

Tgt Ion:152 Resp: 84030
Ion Ratio Lower Upper
152 100
115 60.4 31.3 93.8
150 157.9 0.0 348.6

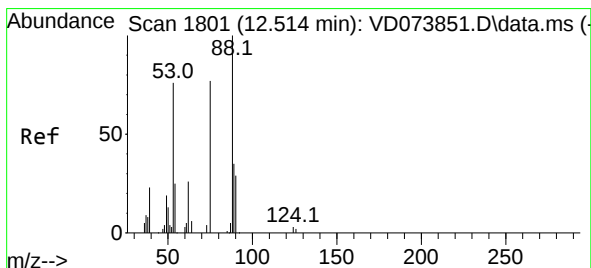
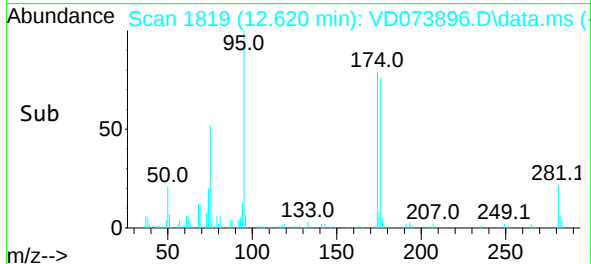
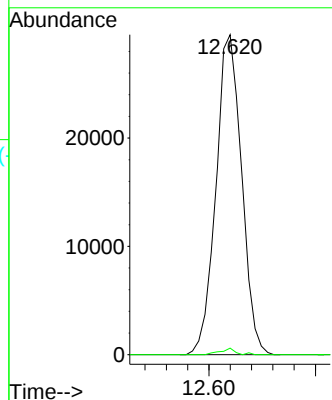
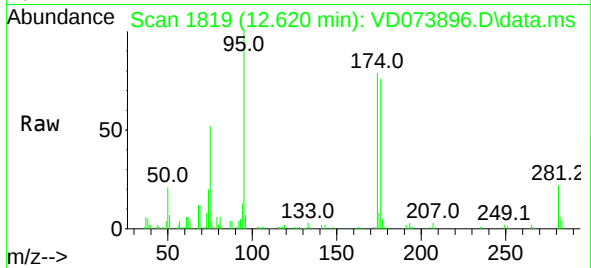




#76
1,2,3-Trichloropropane
Concen: 54.747 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073896.D
Acq: 21 Jul 2022 14:59

Instrument :
MSVOA_D
ClientSampleId :
ENV-DE-4(0-5)

Tgt Ion: 75 Resp: 49360
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 147.730 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073896.D
Acq: 21 Jul 2022 14:59

Tgt Ion: 75 Resp: 49360
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.8 33.9 50.9#

