

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080222\
 Data File : VD073928.D
 Acq On : 02 Aug 2022 15:57
 Operator : VA/SY
 Sample : N3990-03
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-04-080122

Quant Time: Aug 03 04:13:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 02 05:13:57 2022
 Response via : Initial Calibration

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

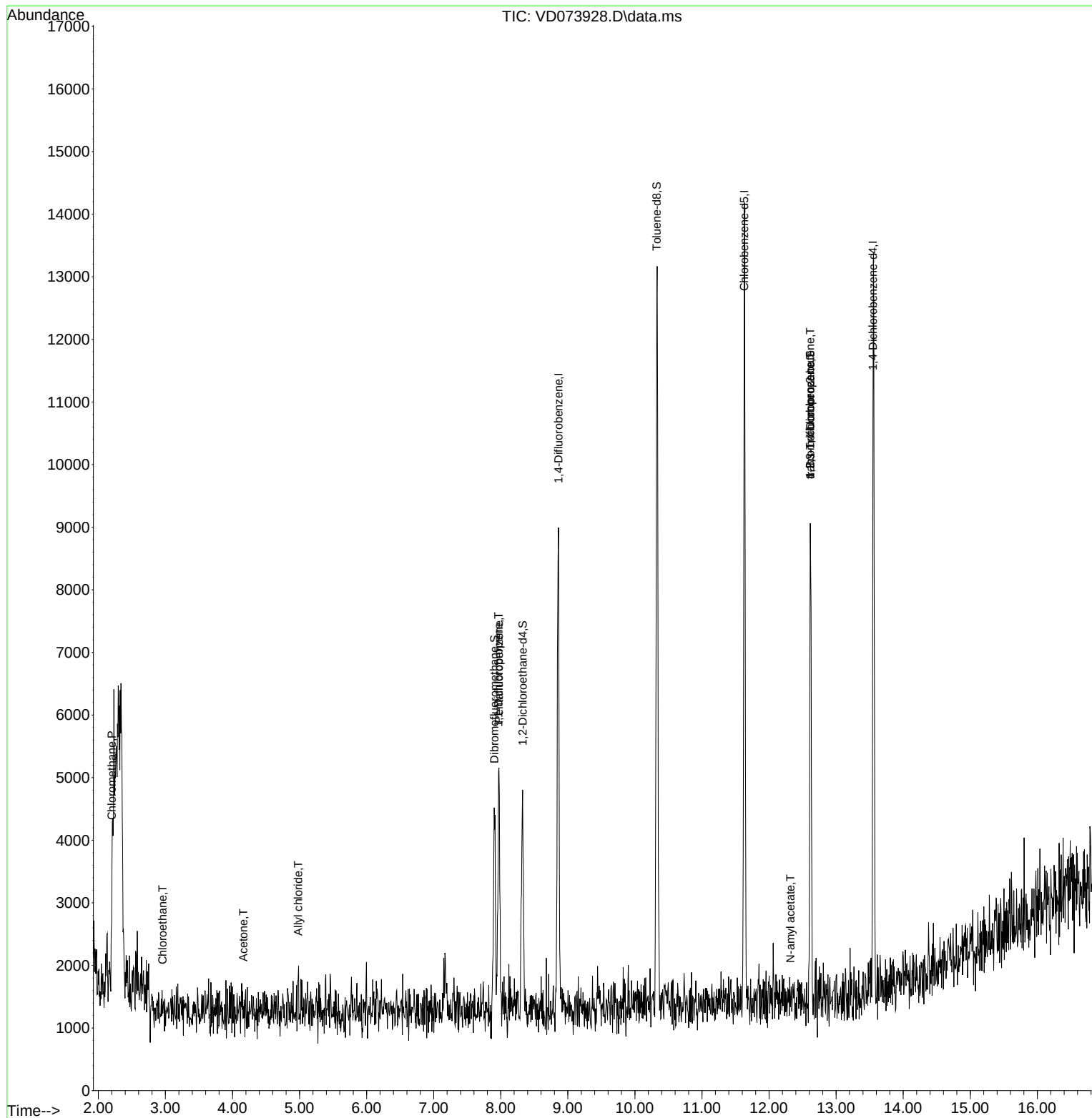
Internal Standards						
1) Pentafluorobenzene	7.973	168	3586	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	7483	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	6848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.549	152	2979	50.000	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	3070	109.550	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 219.100%#	
35) Dibromofluoromethane	7.903	113	2580	55.492	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.980%	
50) Toluene-d8	10.326	98	8572	54.734	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.460%	
62) 4-Bromofluorobenzene	12.614	95	3099	53.809	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.620%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.203	50	312	6.847	ug/l #	40
6) Chloroethane	2.956	64	68	1.721	ug/l #	42
14) Allyl chloride	4.979	41	68	1.590	ug/l #	18
16) Acetone	4.162	43	80	19.965	ug/l #	46
20) Methylene Chloride	4.985	84	305	Below Cal	#	47
36) 1,1-Dichloropropene	7.967	75	113	1.706	ug/l #	41
74) N-amyl acetate	12.320	43	60	1.459	ug/l #	41
76) 1,2,3-Trichloropropane	12.614	75	1580	71.613	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.614	75	1580	152.164	ug/l #	13

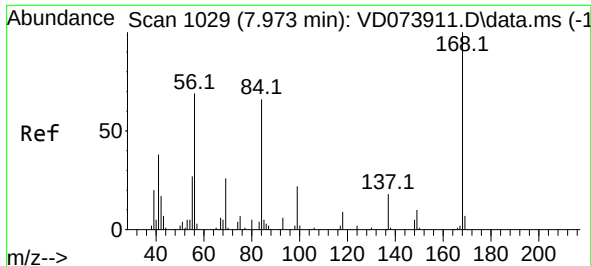
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 02 05:13:57 2022
Response via : Initial Calibration

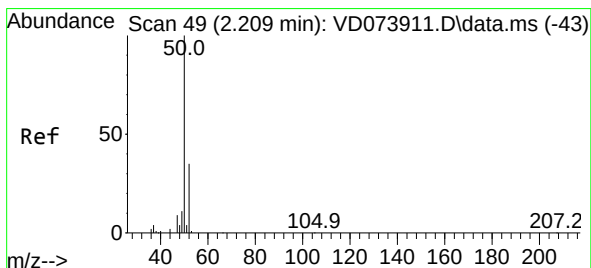
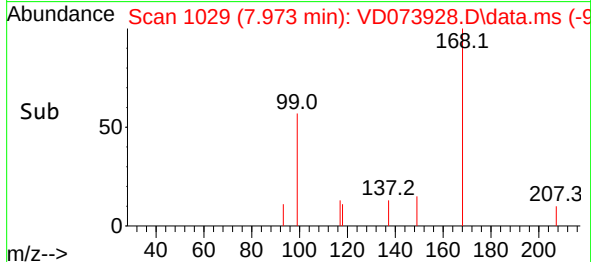
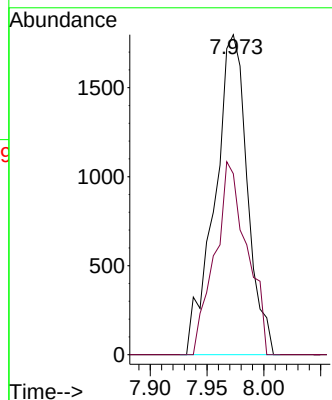
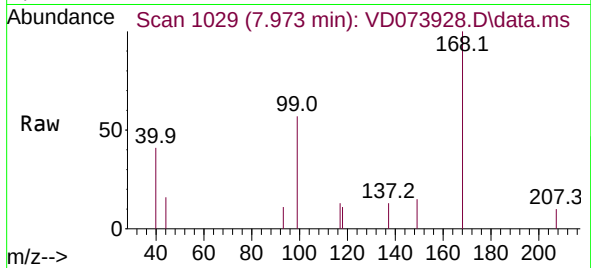




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073928.D
Acq: 02 Aug 2022 15:57

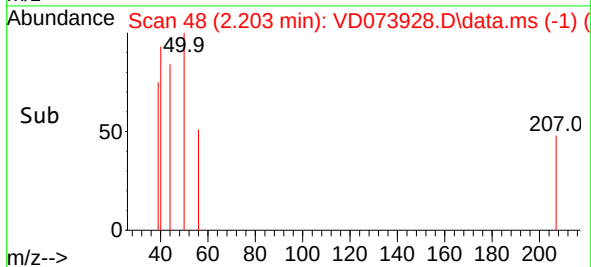
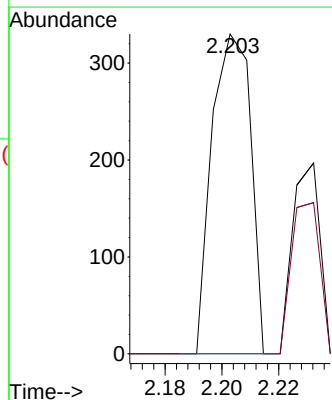
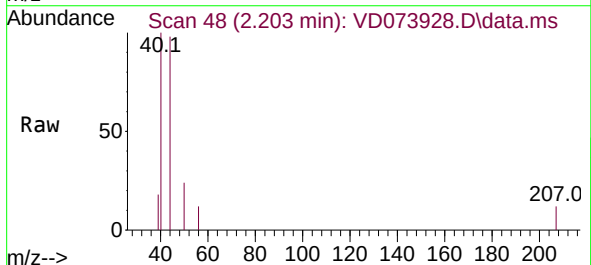
Instrument :
MSVOA_D
ClientSampleId :
HR-04-080122

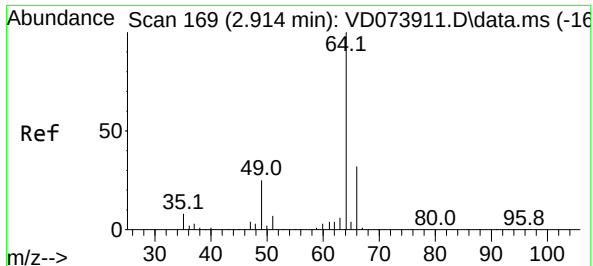
Tgt Ion:168 Resp: 3586
Ion Ratio Lower Upper
168 100
99 56.6 52.2 78.4



#3
Chloromethane
Concen: 6.847 ug/l
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD073928.D
Acq: 02 Aug 2022 15:57

Tgt Ion: 50 Resp: 312
Ion Ratio Lower Upper
50 100
52 0.0 28.2 42.2#

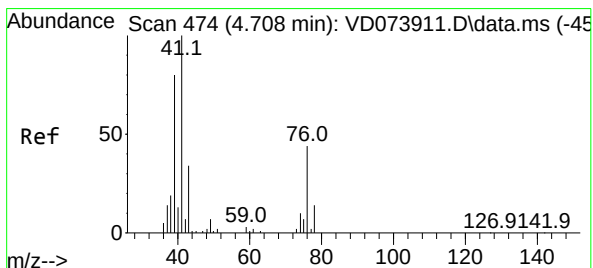
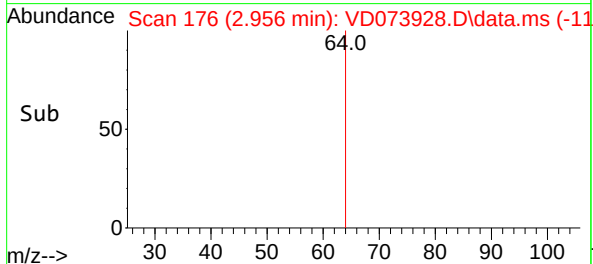
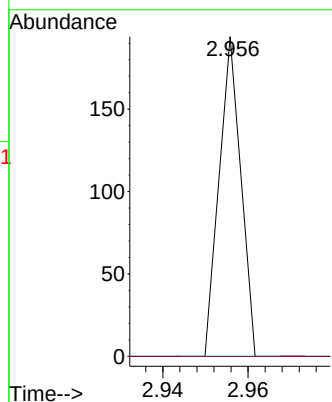
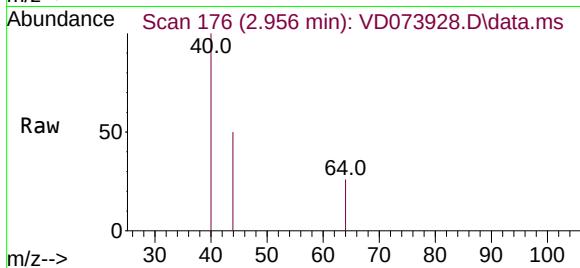




#6
Chloroethane
Concen: 1.721 ug/l
RT: 2.956 min Scan# 11
Delta R.T. 0.041 min
Lab File: VD073928.D
Acq: 02 Aug 2022 15:57

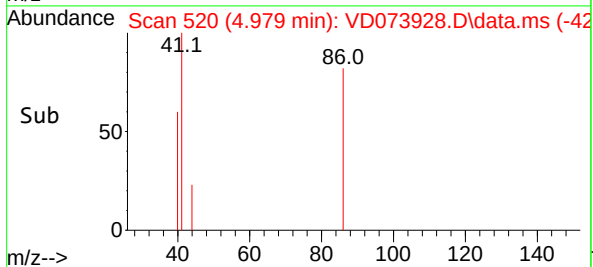
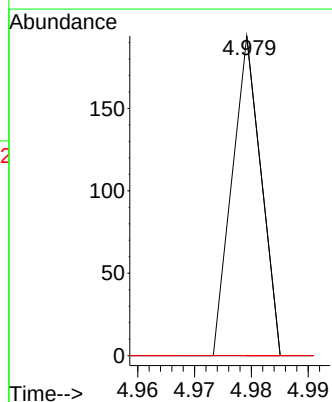
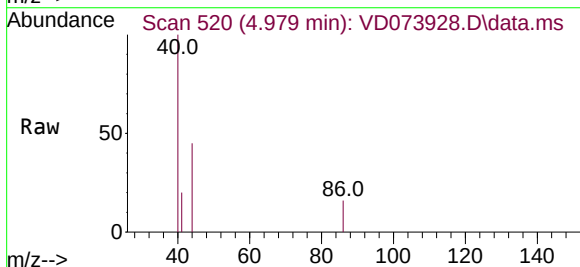
Instrument :
MSVOA_D
ClientSampleId :
HR-04-080122

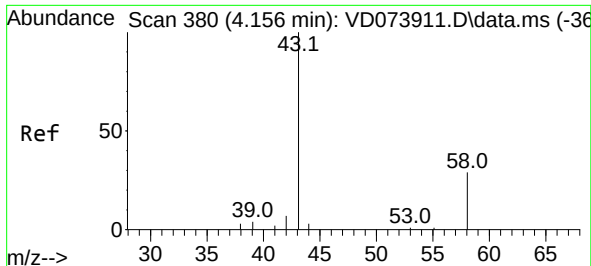
Tgt Ion: 64 Resp: 68
Ion Ratio Lower Upper
64 100
66 0.0 25.8 38.6#



#14
Allyl chloride
Concen: 1.590 ug/l
RT: 4.979 min Scan# 520
Delta R.T. 0.271 min
Lab File: VD073928.D
Acq: 02 Aug 2022 15:57

Tgt Ion: 41 Resp: 68
Ion Ratio Lower Upper
41 100
39 0.0 62.6 94.0#
76 0.0 33.9 50.9#

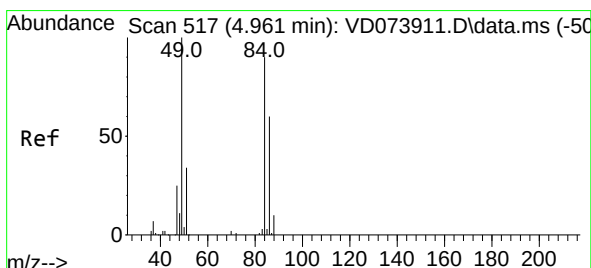
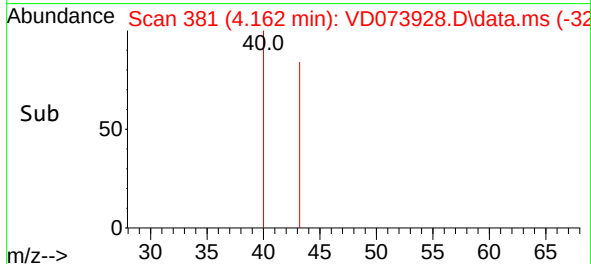
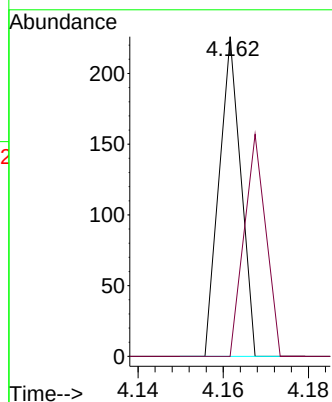
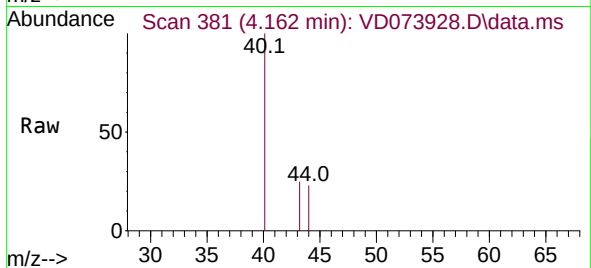




#16
Acetone
Concen: 19.965 ug/l
RT: 4.162 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073928.D
Acq: 02 Aug 2022 15:57

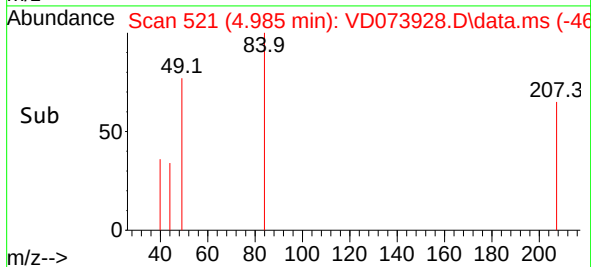
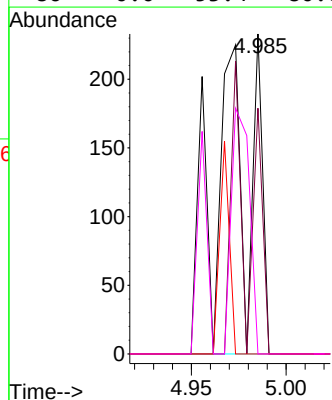
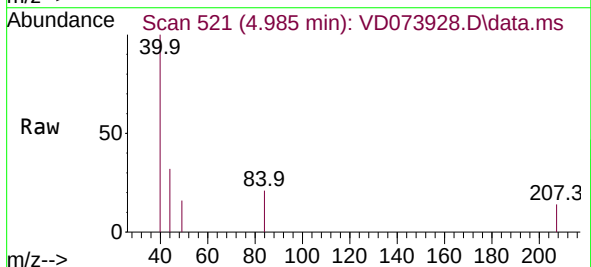
Instrument :
MSVOA_D
ClientSampleId :
HR-04-080122

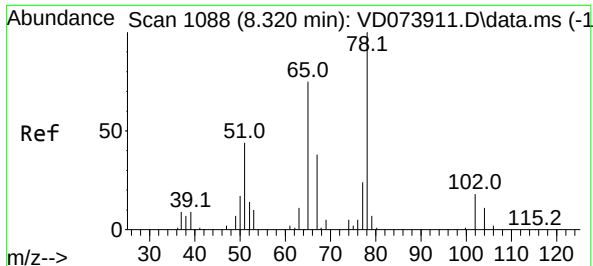
Tgt Ion: 43 Resp: 80
Ion Ratio Lower Upper
43 100
58 0.0 23.0 34.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.985 min Scan# 521
Delta R.T. 0.024 min
Lab File: VD073928.D
Acq: 02 Aug 2022 15:57

Tgt Ion: 84 Resp: 305
Ion Ratio Lower Upper
84 100
49 76.8 89.1 133.7#
51 0.0 29.8 44.8#
86 0.0 53.4 80.0#





#33

1,2-Dichloroethane-d4

Concen: 109.550 ug/l

RT: 8.326 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD073928.D

Acq: 02 Aug 2022 15:57

Instrument :

MSVOA_D

ClientSampleId :

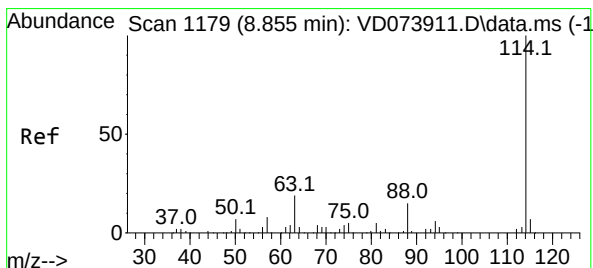
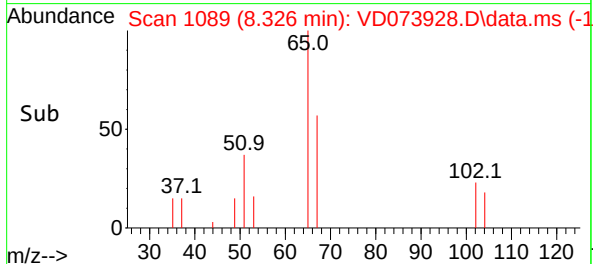
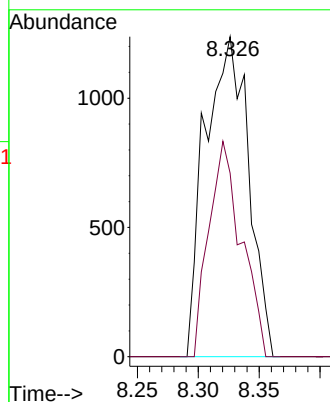
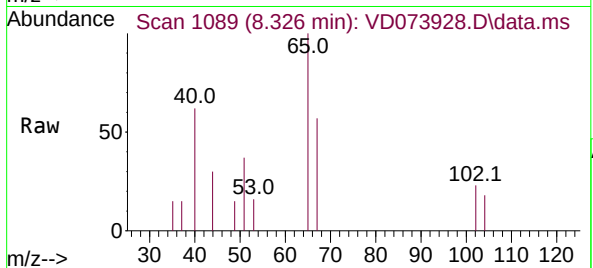
HR-04-080122

Tgt Ion: 65 Resp: 3070

Ion Ratio Lower Upper

65 100

67 50.5 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD073928.D

Acq: 02 Aug 2022 15:57

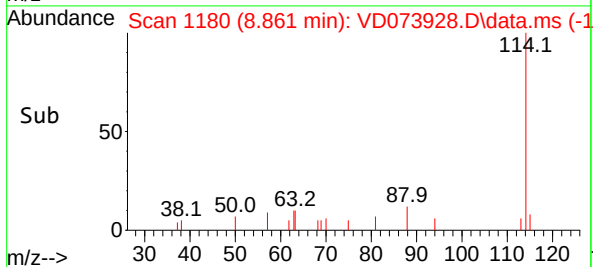
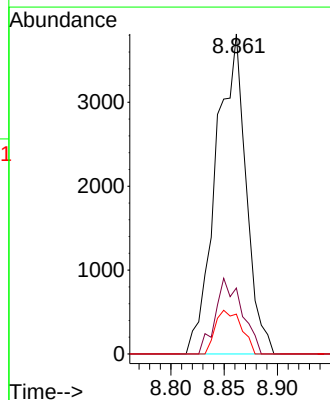
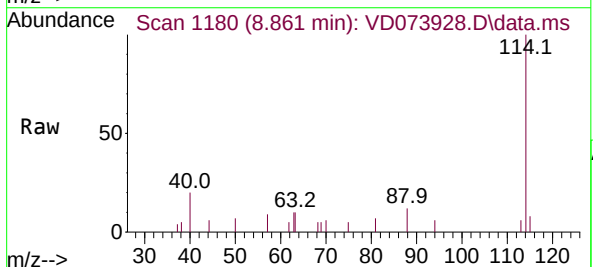
Tgt Ion: 114 Resp: 7483

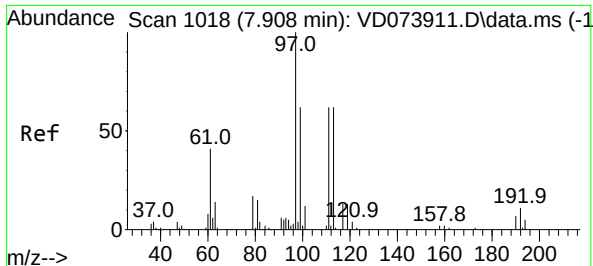
Ion Ratio Lower Upper

114 100

63 20.6 0.0 37.6

88 12.5 0.0 30.2





#35

Dibromofluoromethane

Concen: 55.492 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD073928.D

Acq: 02 Aug 2022 15:57

Instrument :

MSVOA_D

ClientSampleId :

HR-04-080122

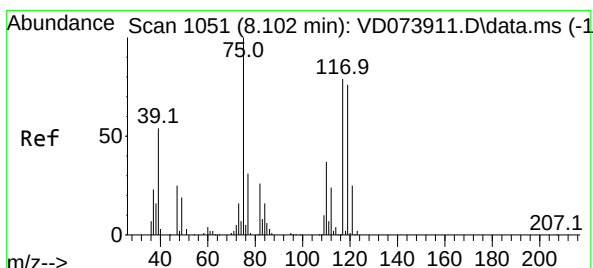
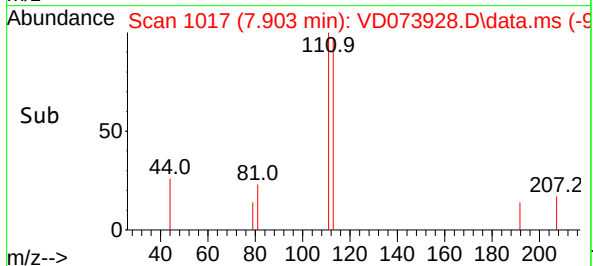
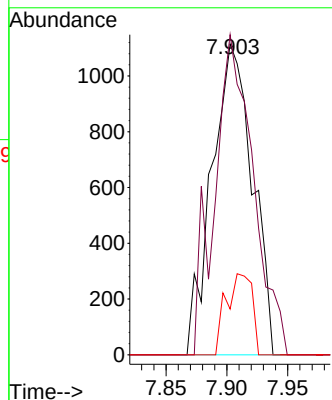
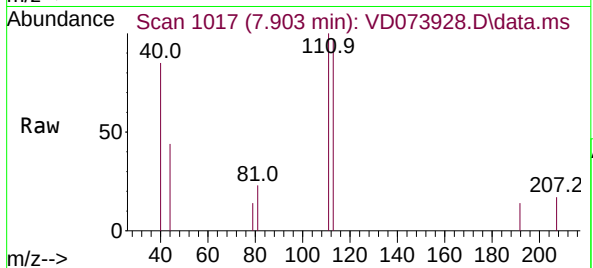
Tgt Ion:113 Resp: 2580

Ion Ratio Lower Upper

113 100

111 98.6 83.7 125.5

192 16.6 15.0 22.6



#36

1,1-Dichloropropene

Concen: 1.706 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.135 min

Lab File: VD073928.D

Acq: 02 Aug 2022 15:57

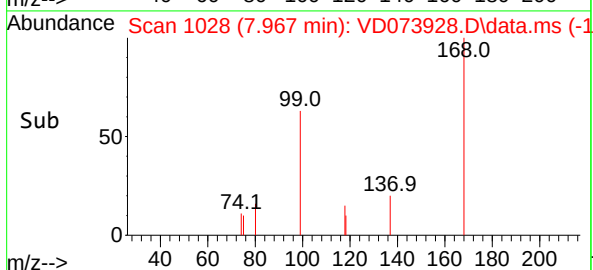
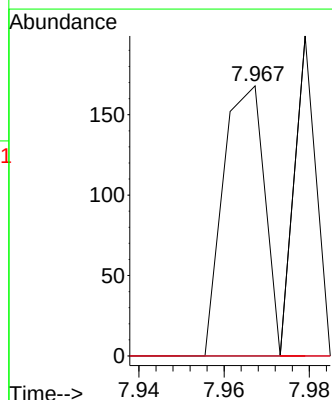
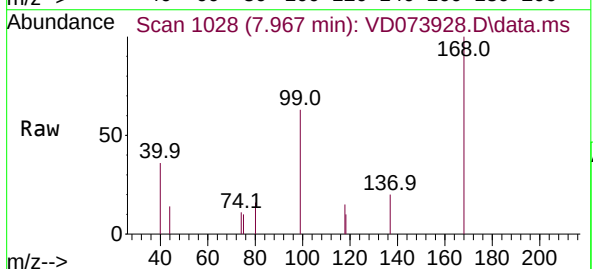
Tgt Ion: 75 Resp: 113

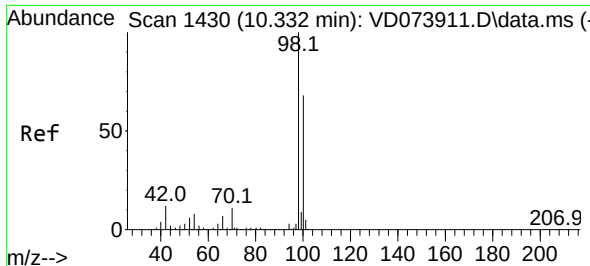
Ion Ratio Lower Upper

75 100

110 0.0 18.1 54.1#

77 0.0 24.7 37.1#

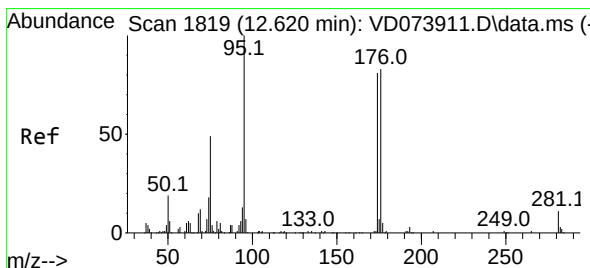
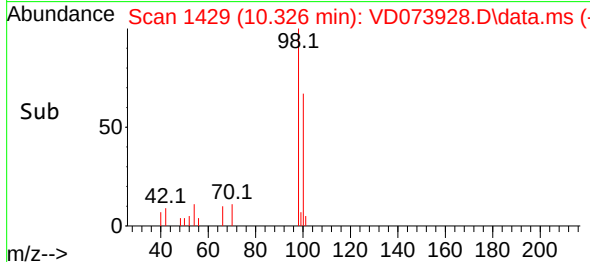
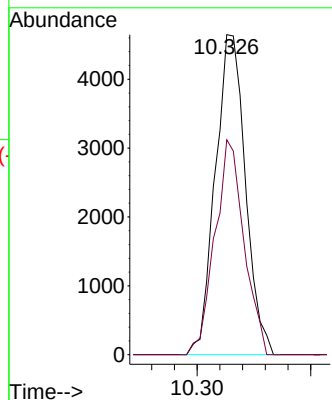
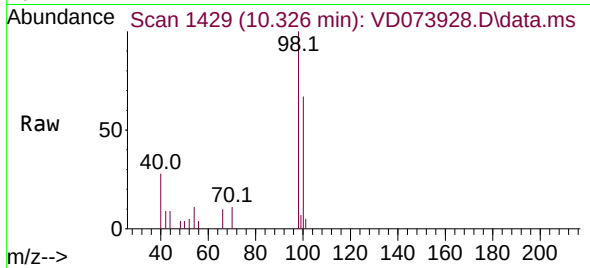




#50
Toluene-d8
Concen: 54.734 ug/l
RT: 10.326 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD073928.D
Acq: 02 Aug 2022 15:57

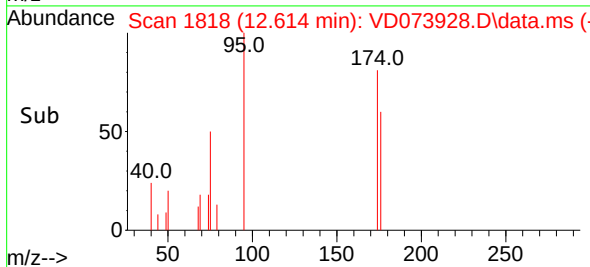
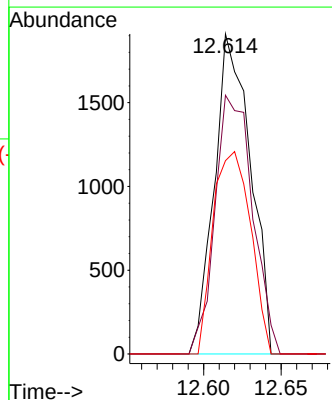
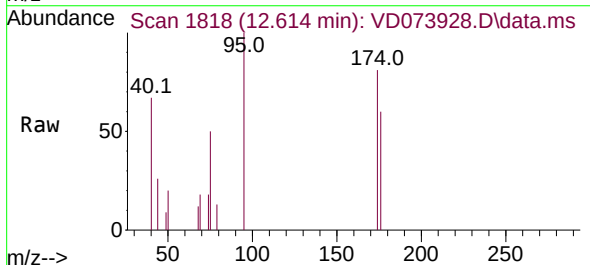
Instrument :
MSVOA_D
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HR-04-080122

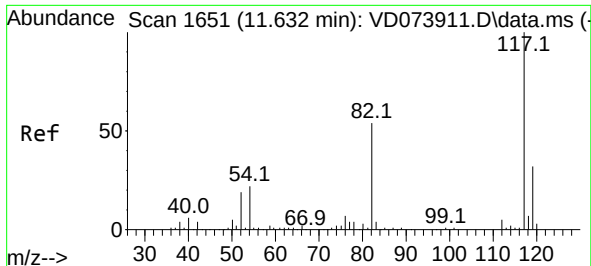
Tgt Ion: 98 Resp: 8572
Ion Ratio Lower Upper
98 100
100 64.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 53.809 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VD073928.D
Acq: 02 Aug 2022 15:57

Tgt Ion: 95 Resp: 3099
Ion Ratio Lower Upper
95 100
174 84.2 0.0 164.2
176 65.7 0.0 161.4

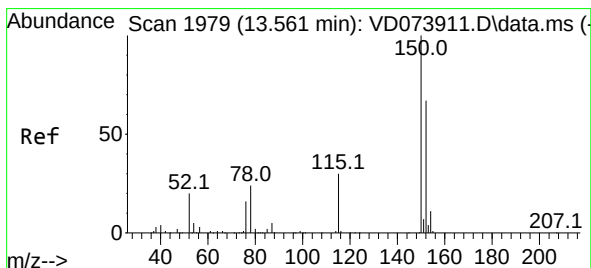
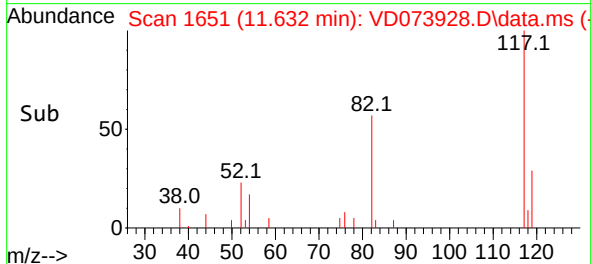
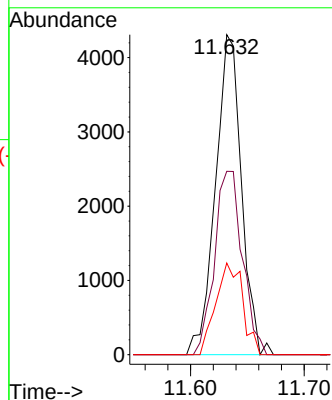
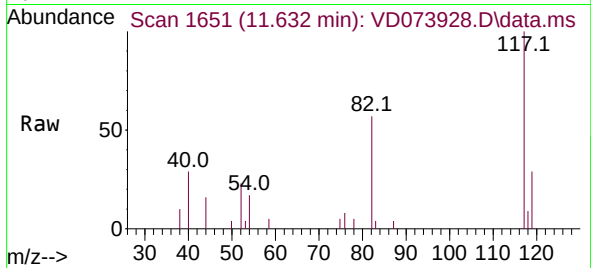




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD073928.D
Acq: 02 Aug 2022 15:57

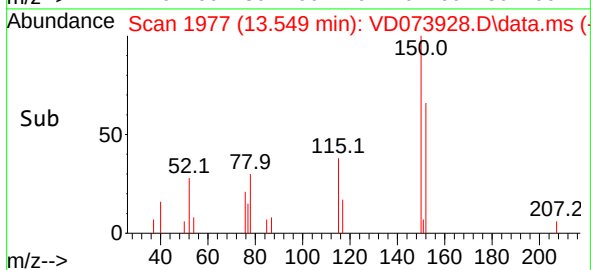
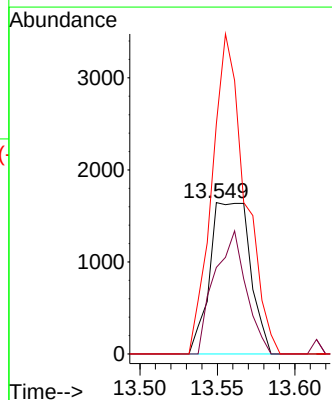
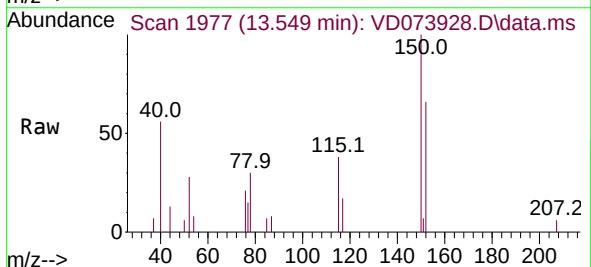
Instrument :
MSVOA_D
ClientSampleId :
HR-04-080122

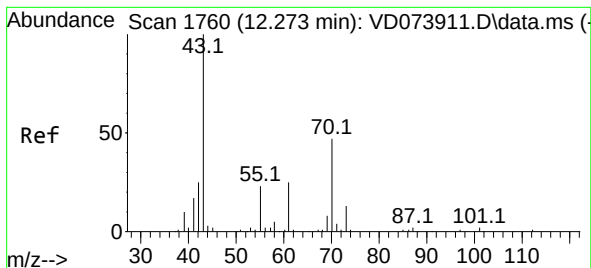
Tgt Ion:	117	Resp:	6848
Ion	Ratio	Lower	Upper
117	100		
82	57.3	43.3	64.9
119	28.6	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.549 min Scan# 1977
Delta R.T. -0.012 min
Lab File: VD073928.D
Acq: 02 Aug 2022 15:57

Tgt Ion:	152	Resp:	2979
Ion	Ratio	Lower	Upper
152	100		
115	63.6	29.1	87.3
150	174.0	0.0	338.2





#74

N-amy1 acetate

Concen: 1.459 ug/l

RT: 12.320 min Scan# 1

Delta R.T. 0.047 min

Lab File: VD073928.D

Acq: 02 Aug 2022 15:57

Instrument :

MSVOA_D

ClientSampleId :

HR-04-080122

Tgt Ion: 43 Resp: 60

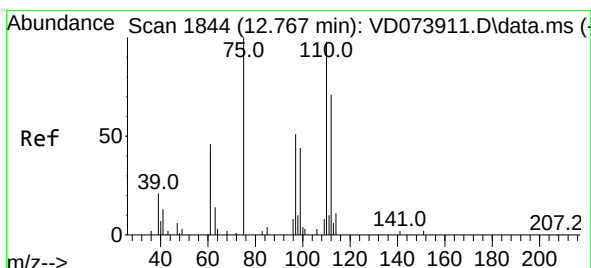
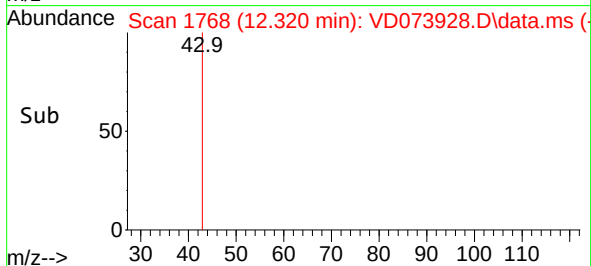
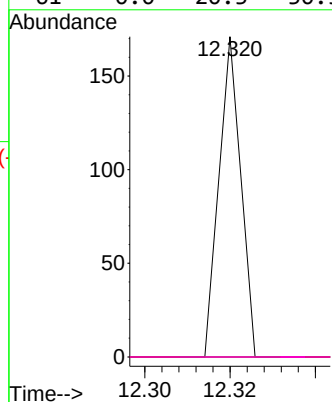
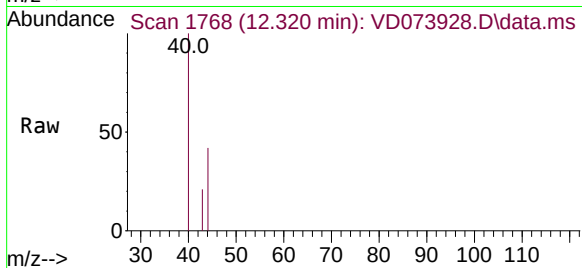
Ion Ratio Lower Upper

43 100

70 0.0 37.1 55.7#

55 0.0 19.5 29.3#

61 0.0 20.3 30.5#



#76

1,2,3-Trichloropropane

Concen: 71.613 ug/l

RT: 12.614 min Scan# 1818

Delta R.T. -0.153 min

Lab File: VD073928.D

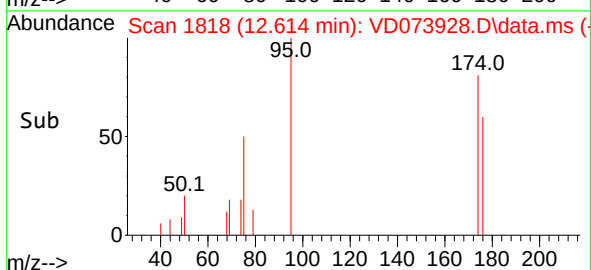
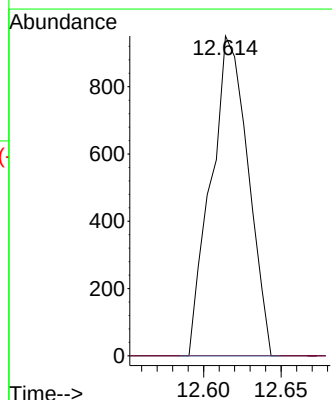
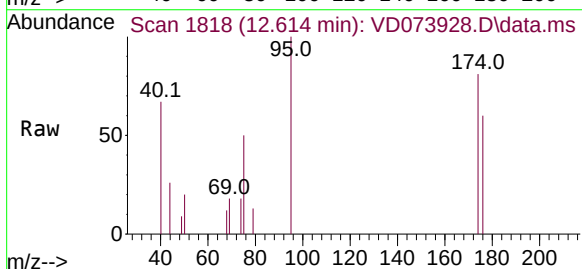
Acq: 02 Aug 2022 15:57

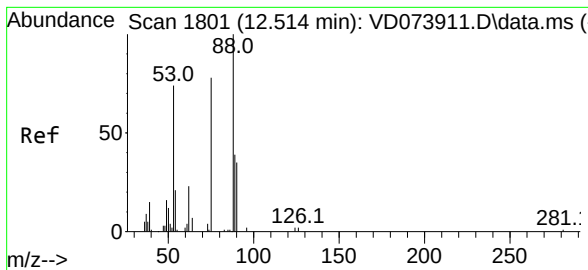
Tgt Ion: 75 Resp: 1580

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 152.164 ug/l
 RT: 12.614 min Scan# 1801
 Delta R.T. 0.100 min
 Lab File: VD073928.D
 Acq: 02 Aug 2022 15:57

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-04-080122

Tgt Ion: 75 Resp: 1580
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.6 107.4#
 89 0.0 39.8 59.6#

