

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020924\
 Data File : VD078395.D
 Acq On : 09 Feb 2024 19:48
 Operator : RP/MD
 Sample : P1448-01
 Misc : 5.02G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-02-020924

Quant Time: Feb 09 23:04:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 03:58:19 2024
 Response via : Initial Calibration

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

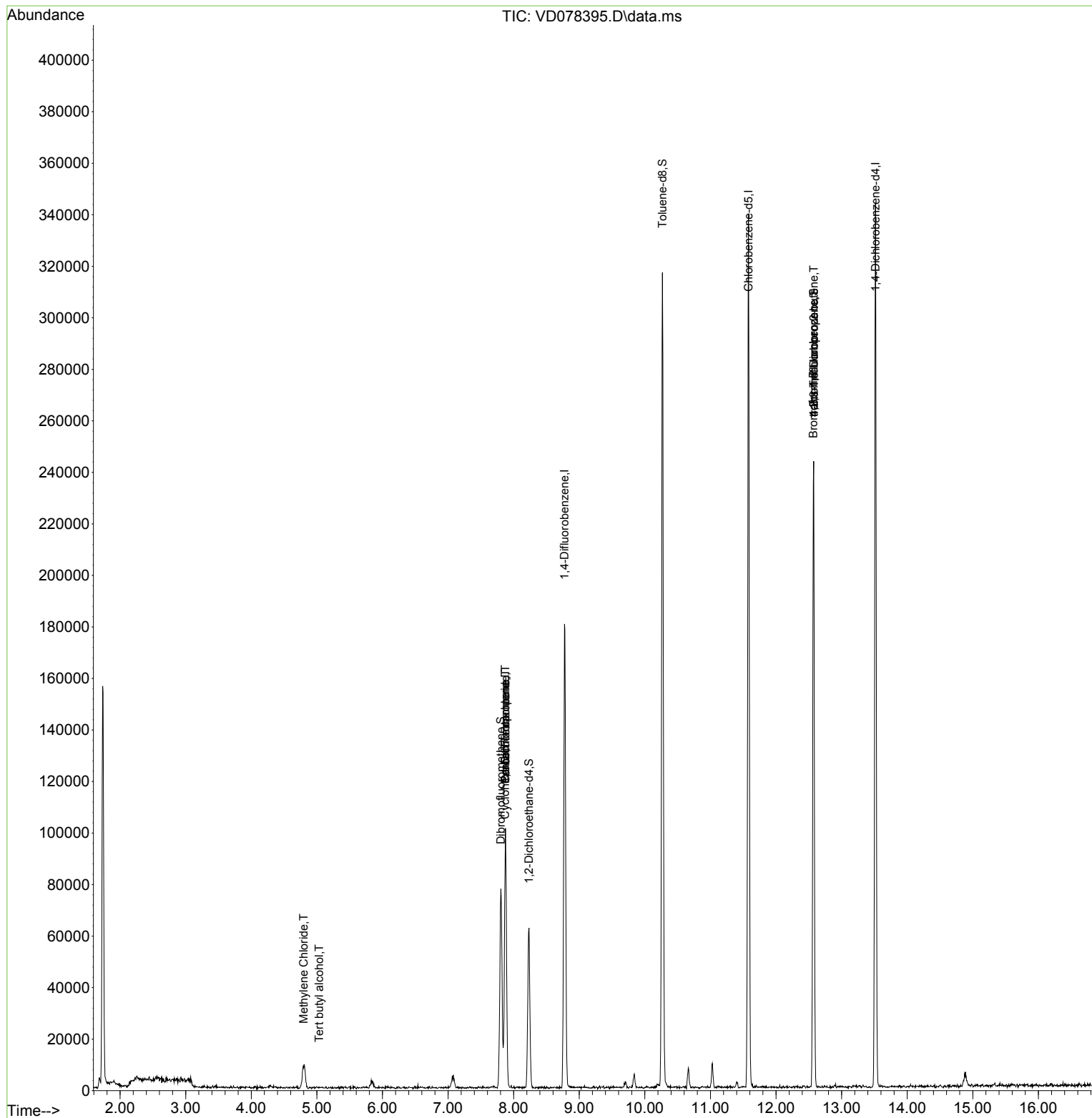
Internal Standards						
1) Pentafluorobenzene	7.875	168	71051	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	161921	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	186639	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	87095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	46841	53.255	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.500%	
35) Dibromofluoromethane	7.804	113	56476	48.992	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.980%	
50) Toluene-d8	10.269	98	219294	50.246	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.500%	
62) 4-Bromofluorobenzene	12.575	95	73516	56.247	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 112.500%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.034	59	76	1.355	ug/l	# 73
16) Acetone	4.028	43	148	Below Cal	#	32
20) Methylene Chloride	4.799	84	6942	3.898	ug/l	92
31) Cyclohexane	7.869	56	1931	1.172	ug/l	# 22
36) 1,1-Dichloropropene	7.875	75	6472	3.386	ug/l	# 41
38) Carbon Tetrachloride	7.875	117	7583	4.034	ug/l	# 11
71) Bromoform	12.569	173	891	1.138	ug/l	# 28
76) 1,2,3-Trichloropropane	12.575	75	39305	43.178	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	39305	85.872	ug/l	# 17

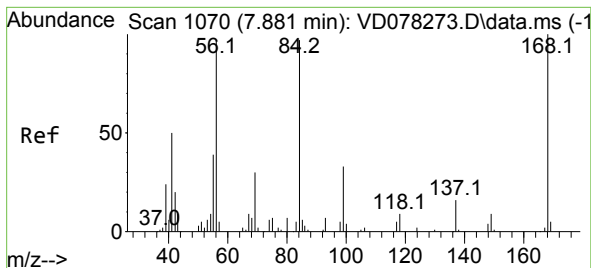
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD078395.D
Data File : VD078395.D
Acq On : 09 Feb 2024 19:48
Operator : RP/MD
Sample : P1448-01
Misc : 5.02G/5ml/MSVOA_D/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HD-02-020924

Quant Time: Feb 09 23:04:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 01 03:58:19 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078395.D

Acq: 09 Feb 2024 19:48

Instrument :

MSVOA_D

ClientSampleId :

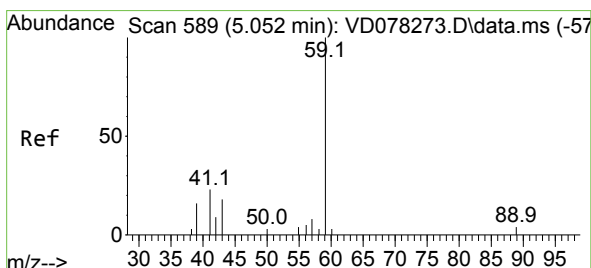
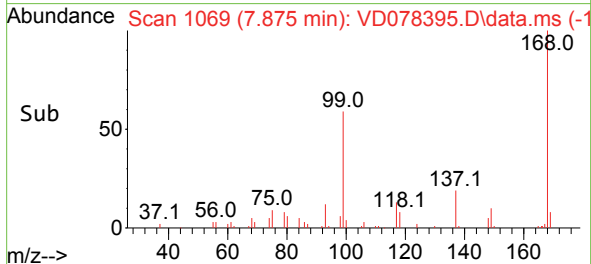
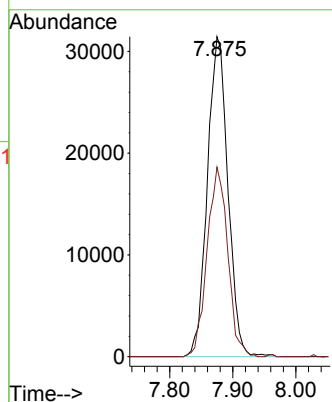
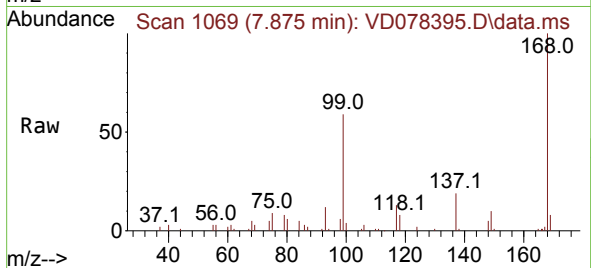
HD-02-020924

Tgt Ion:168 Resp: 71051

Ion Ratio Lower Upper

168 100

99 59.2 36.7 55.1#



#11

Tert butyl alcohol

Concen: 1.355 ug/l

RT: 5.034 min Scan# 586

Delta R.T. -0.018 min

Lab File: VD078395.D

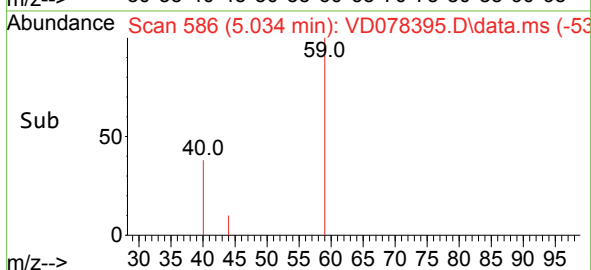
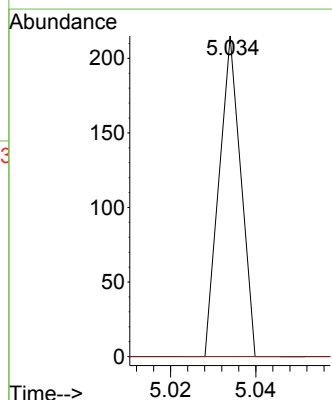
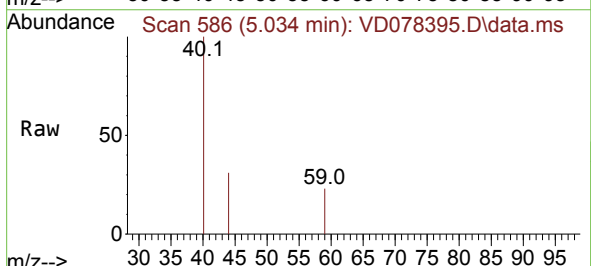
Acq: 09 Feb 2024 19:48

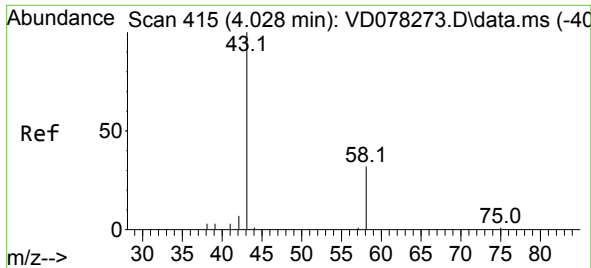
Tgt Ion: 59 Resp: 76

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#





#16

Acetone

Concen: Below Cal

RT: 4.028 min Scan# 415

Delta R.T. 0.000 min

Lab File: VD078395.D

Acq: 09 Feb 2024 19:48

Instrument :

MSVOA_D

ClientSampleId :

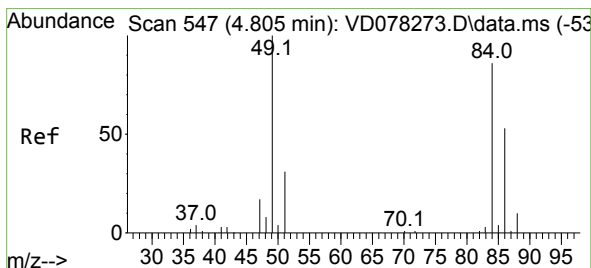
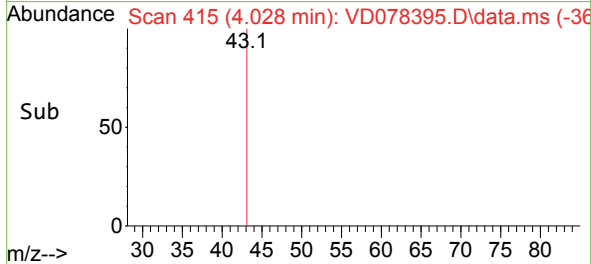
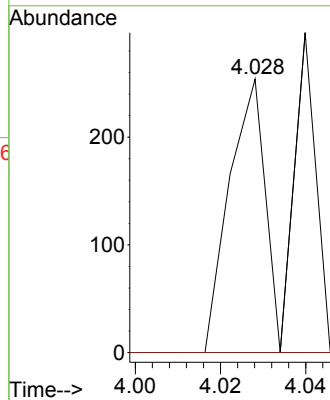
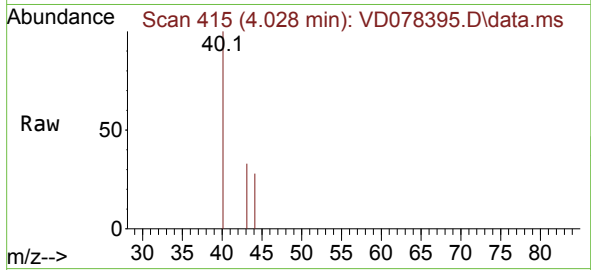
HD-02-020924

Tgt Ion: 43 Resp: 148

Ion Ratio Lower Upper

43 100

58 0.0 34.7 52.1#



#20

Methylene Chloride

Concen: 3.898 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.006 min

Lab File: VD078395.D

Acq: 09 Feb 2024 19:48

Tgt Ion: 84 Resp: 6942

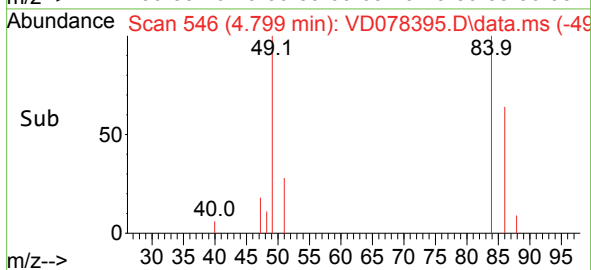
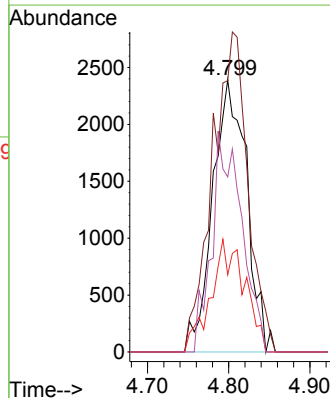
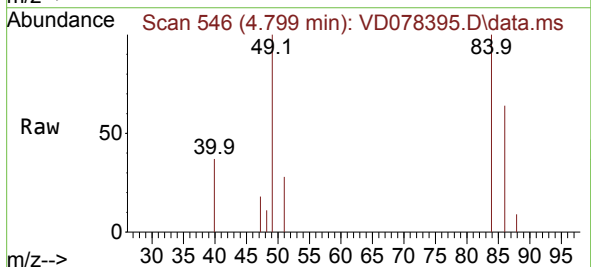
Ion Ratio Lower Upper

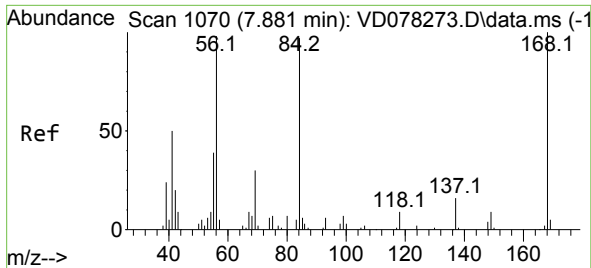
84 100

49 99.7 71.4 107.2

51 28.4 24.5 36.7

86 64.3 48.7 73.1

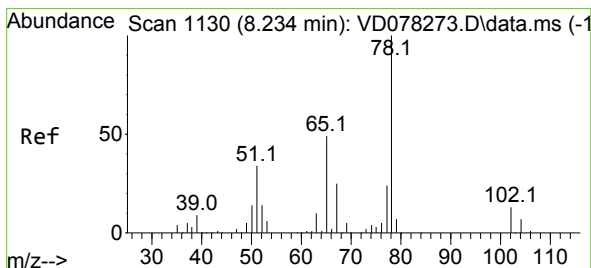
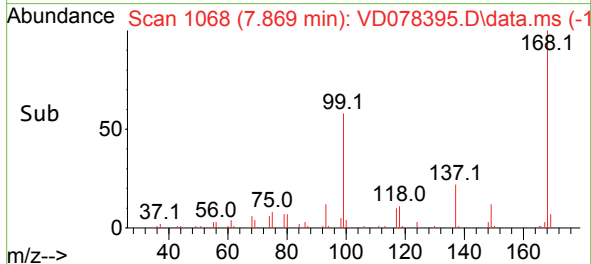
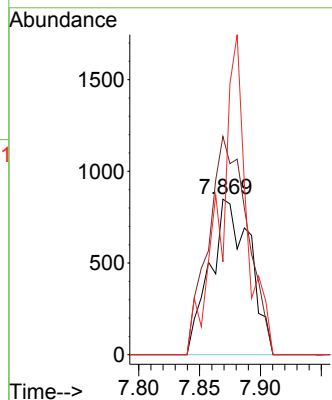
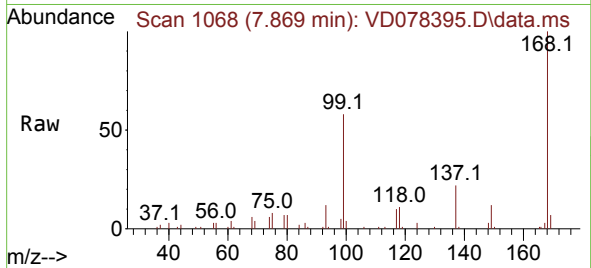




#31
Cyclohexane
Concen: 1.172 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD078395.D
Acq: 09 Feb 2024 19:48

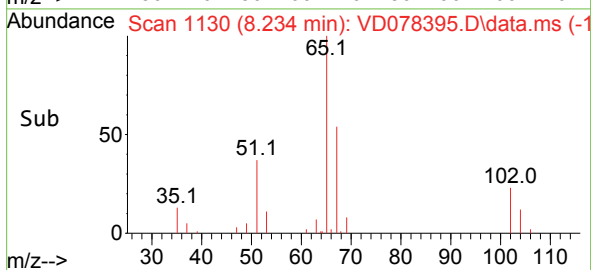
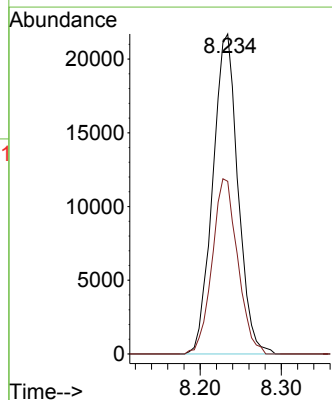
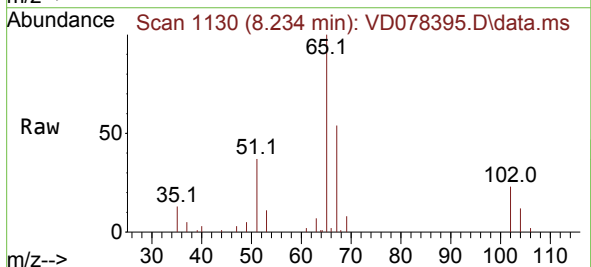
Instrument :
MSVOA_D
ClientSampleId :
HD-02-020924

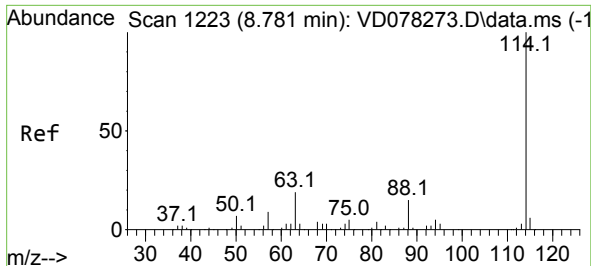
Tgt Ion: 56 Resp: 1931
Ion Ratio Lower Upper
56 100
69 140.3 28.6 43.0#
84 59.7 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 53.255 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078395.D
Acq: 09 Feb 2024 19:48

Tgt Ion: 65 Resp: 46841
Ion Ratio Lower Upper
65 100
67 55.5 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078395.D

Acq: 09 Feb 2024 19:48

Instrument :

MSVOA_D

ClientSampleId :

HD-02-020924

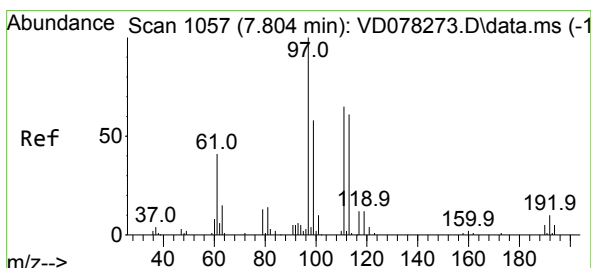
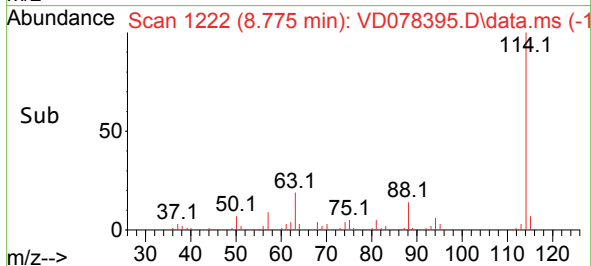
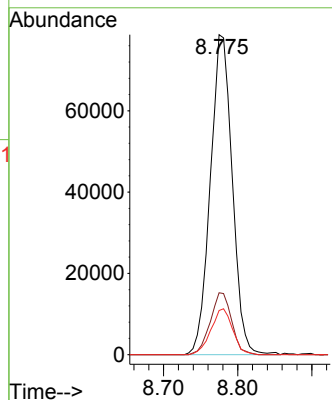
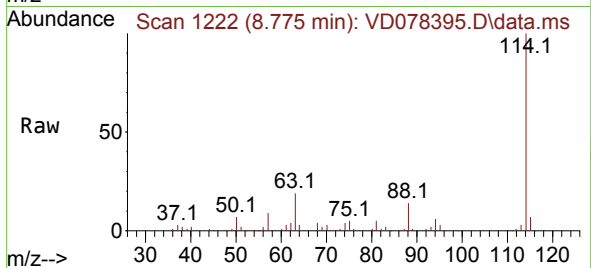
Tgt Ion:114 Resp: 161921

Ion Ratio Lower Upper

114 100

63 19.3 0.0 33.4

88 13.8 0.0 26.2



#35

Dibromofluoromethane

Concen: 48.992 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD078395.D

Acq: 09 Feb 2024 19:48

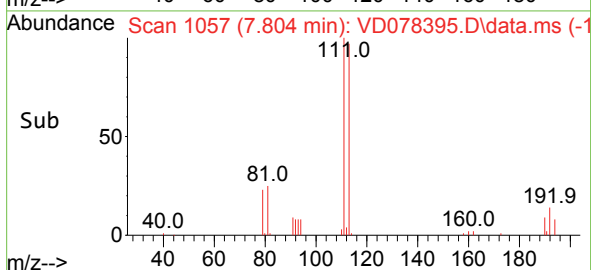
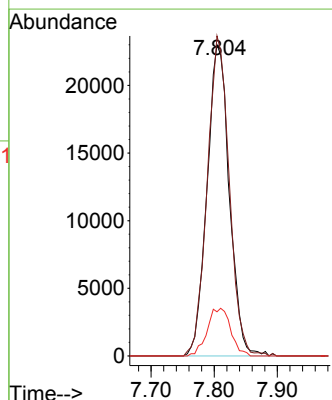
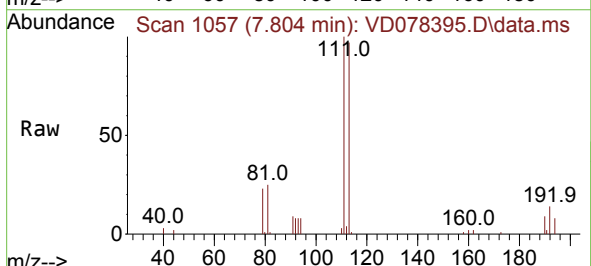
Tgt Ion:113 Resp: 56476

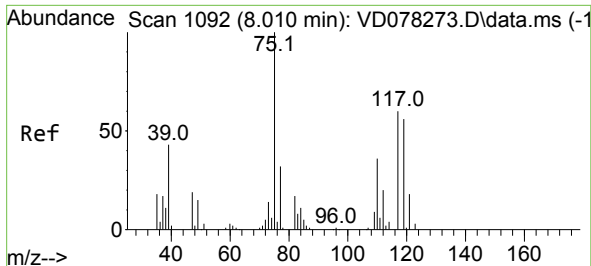
Ion Ratio Lower Upper

113 100

111 101.4 84.7 127.1

192 16.1 16.8 25.2#





#36

1,1-Dichloropropene

Concen: 3.386 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD078395.D

Acq: 09 Feb 2024 19:48

Instrument :

MSVOA_D

ClientSampleId :

HD-02-020924

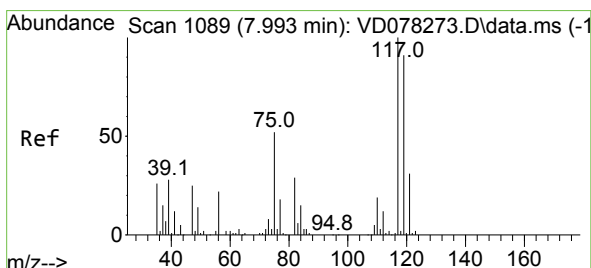
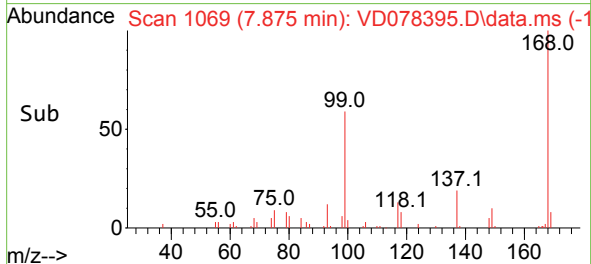
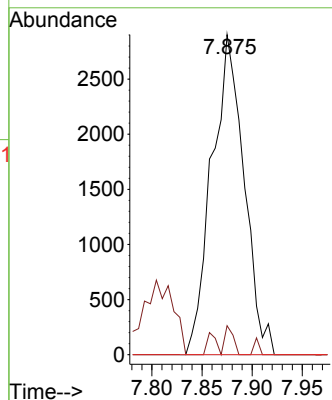
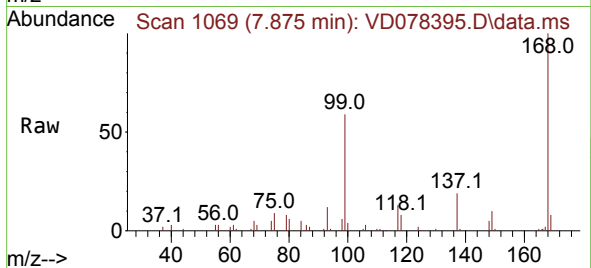
Tgt Ion: 75 Resp: 6472

Ion Ratio Lower Upper

75 100

110 2.4 19.9 59.6#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 4.034 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD078395.D

Acq: 09 Feb 2024 19:48

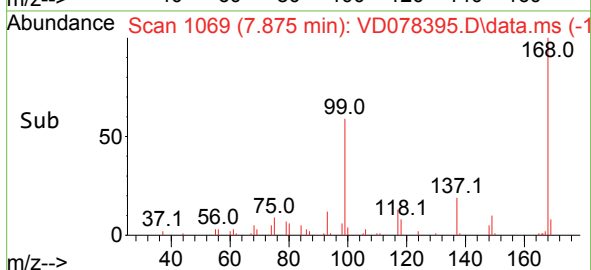
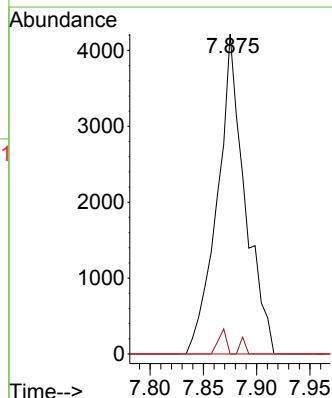
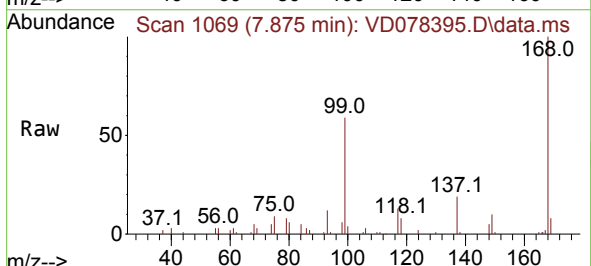
Tgt Ion: 117 Resp: 7583

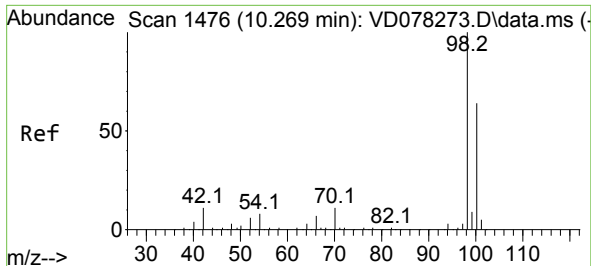
Ion Ratio Lower Upper

117 100

119 0.0 78.0 117.0#

121 0.0 24.2 36.2#

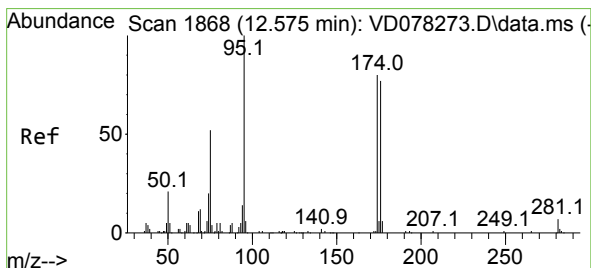
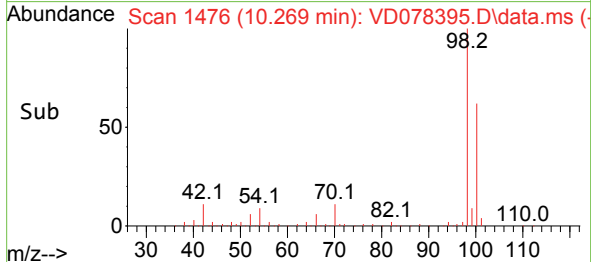
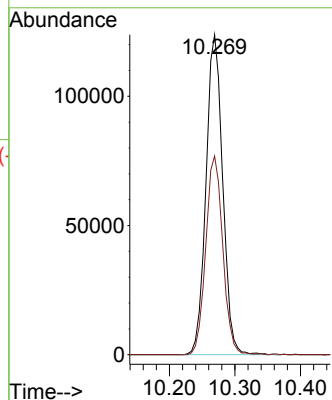
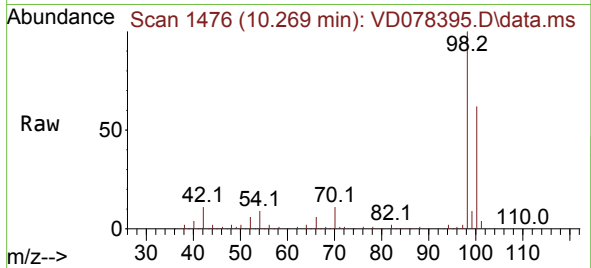




#50
Toluene-d8
Concen: 50.246 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078395.D
Acq: 09 Feb 2024 19:48

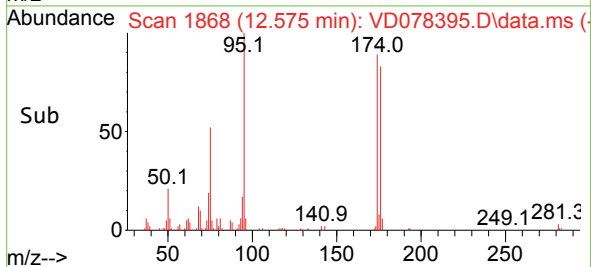
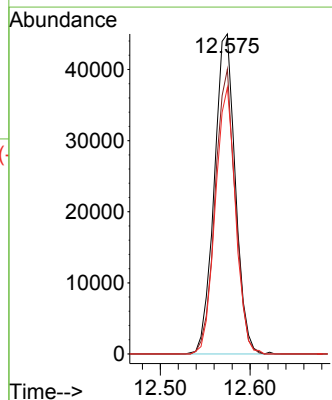
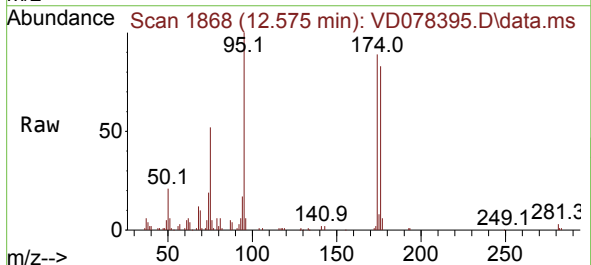
Instrument :
MSVOA_D
ClientSampleId :
HD-02-020924

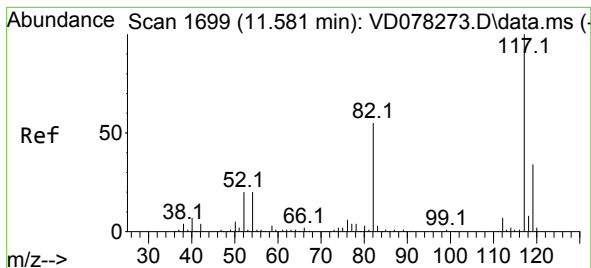
Tgt Ion: 98 Resp: 219294
Ion Ratio Lower Upper
98 100
100 63.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 56.247 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078395.D
Acq: 09 Feb 2024 19:48

Tgt Ion: 95 Resp: 73516
Ion Ratio Lower Upper
95 100
174 85.0 0.0 201.8
176 80.2 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078395.D

Acq: 09 Feb 2024 19:48

Instrument :

MSVOA_D

ClientSampleId :

HD-02-020924

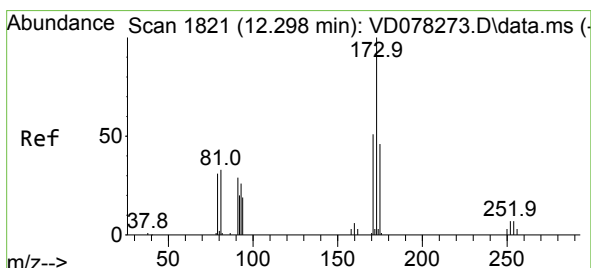
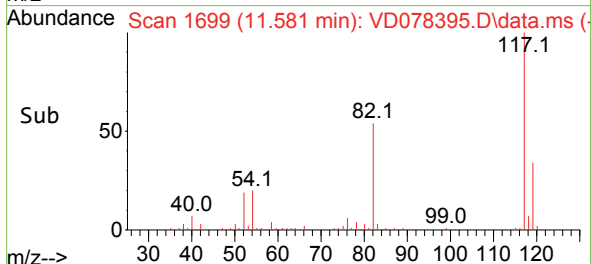
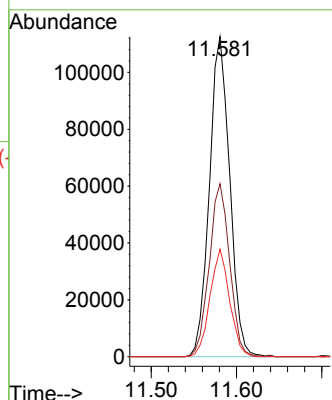
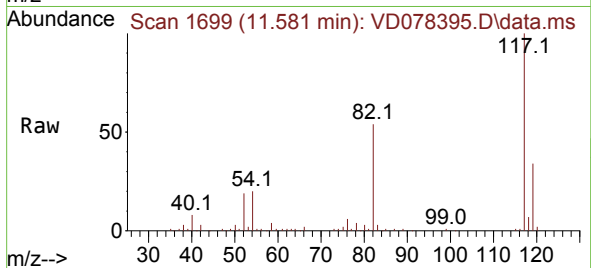
Tgt Ion:117 Resp: 186639

Ion Ratio Lower Upper

117 100

82 54.0 38.3 57.5

119 33.6 25.0 37.4



#71

Bromoform

Concen: 1.138 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. 0.271 min

Lab File: VD078395.D

Acq: 09 Feb 2024 19:48

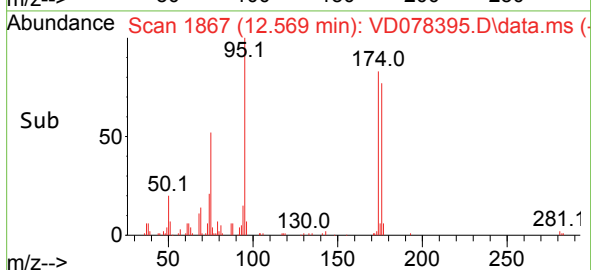
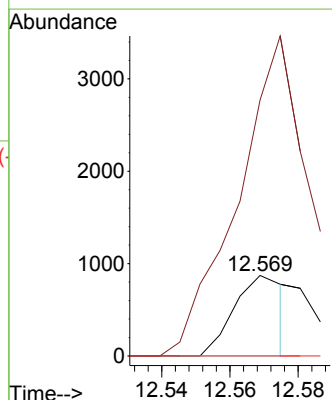
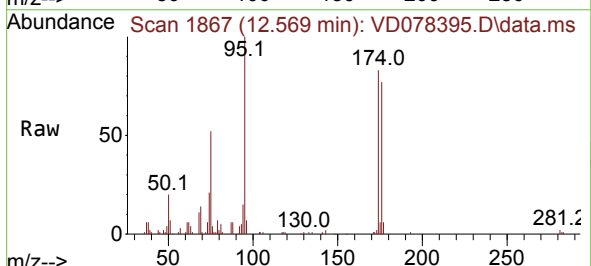
Tgt Ion:173 Resp: 891

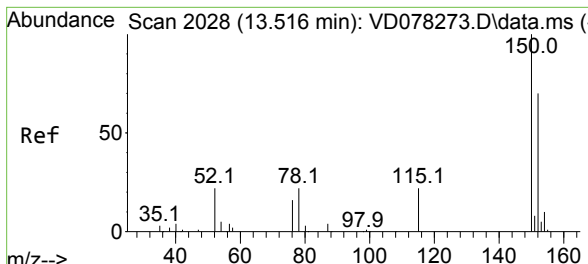
Ion Ratio Lower Upper

173 100

175 0.0 24.6 73.8#

254 0.0 0.0 0.0

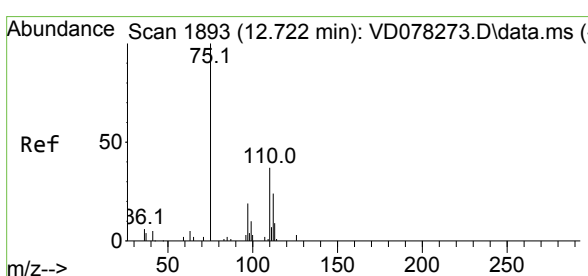
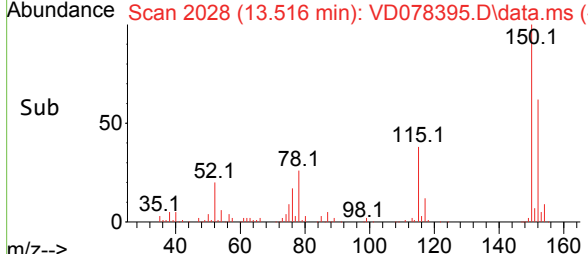
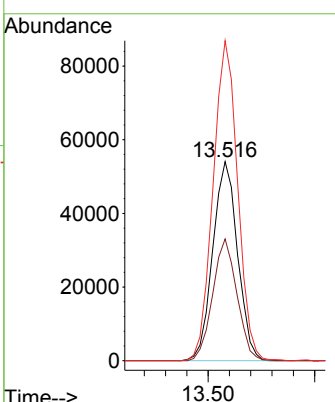
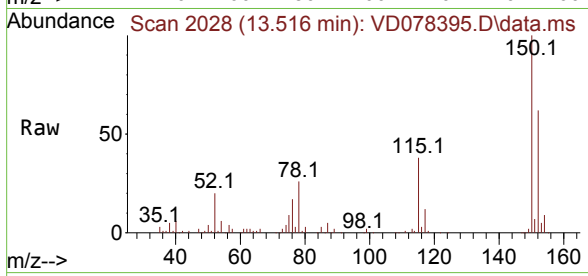




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD078395.D
 Acq: 09 Feb 2024 19:48

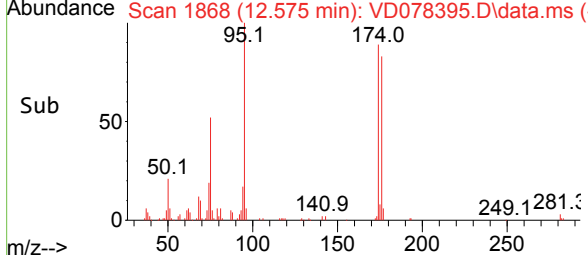
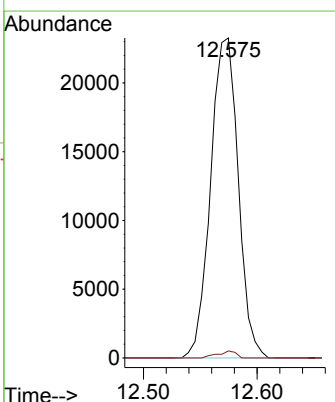
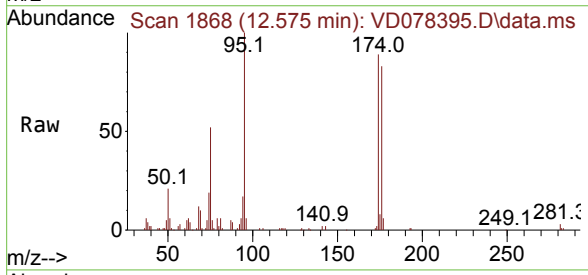
Instrument :
 MSVOA_D
 ClientSampleId :
 HD-02-020924

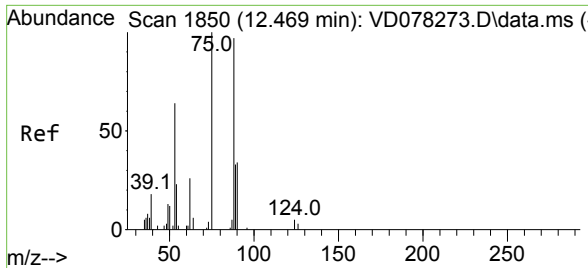
Tgt Ion:	152	Resp:	87095
Ion Ratio	Lower	Upper	
152	100		
115	59.9	27.1	81.3
150	159.4	0.0	353.6



#76
 1,2,3-Trichloropropane
 Concen: 43.178 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD078395.D
 Acq: 09 Feb 2024 19:48

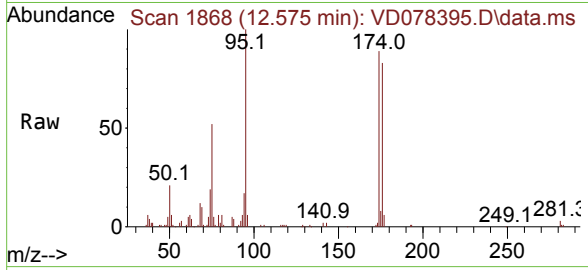
Tgt Ion:	75	Resp:	39305
Ion Ratio	Lower	Upper	
75	100		
77	1.5	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 85.872 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD078395.D
Acq: 09 Feb 2024 19:48

Instrument :
MSVOA_D
ClientSampleId :
HD-02-020924



Tgt Ion:	75	Resp:	39305
Ion	Ratio	Lower	Upper
75	100		
53	0.2	63.0	94.4#
89	0.0	37.9	56.9#

