

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032124\
 Data File : VD078730.D
 Acq On : 21 Mar 2024 18:03
 Operator : RP/MD
 Sample : P1832-01
 Misc : 5.01G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 22 06:57:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

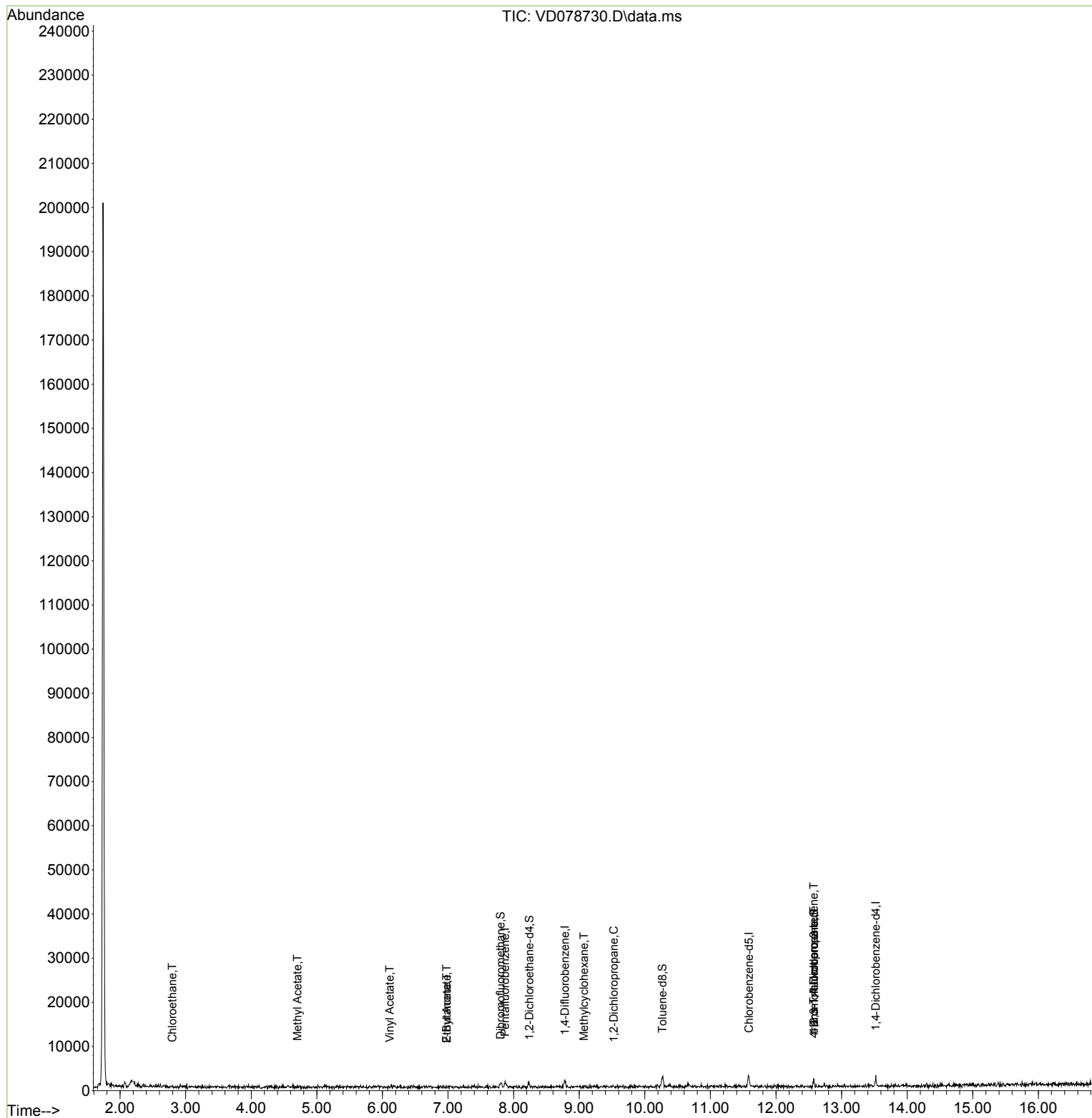
Internal Standards						
1) Pentafluorobenzene	7.869	168	1267	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	1800	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	1641	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	798	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.240	65	588	49.521	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.040%
35) Dibromofluoromethane	7.799	113	900	77.658	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	155.320%#
50) Toluene-d8	10.269	98	2410	56.544	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	113.080%
62) 4-Bromofluorobenzene	12.581	95	456	36.570	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	73.140%
Target Compounds						
					Qvalue	
6) Chloroethane	2.799	64	73	3.408	ug/l	# 41
18) Methyl Acetate	4.705	43	55	11.162	ug/l	# 43
23) Vinyl Acetate	6.111	43	61	3.171	ug/l	# 67
25) 2-Butanone	6.981	43	87	28.500	ug/l	# 43
37) Ethyl Acetate	6.981	43	87	15.837	ug/l	# 63
39) Methylcyclohexane	9.075	83	80	4.101	ug/l	# 22
45) 1,2-Dichloropropane	9.528	63	61	5.059	ug/l	# 44
76) 1,2,3-Trichloropropane	12.575	75	344	55.952	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	344	117.285	ug/l	# 19

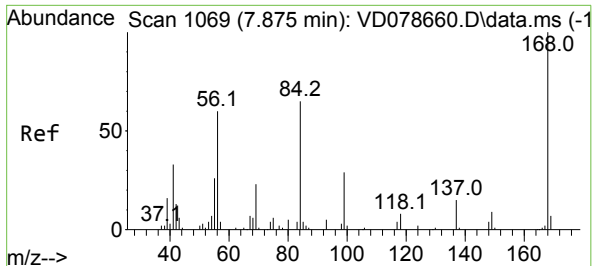
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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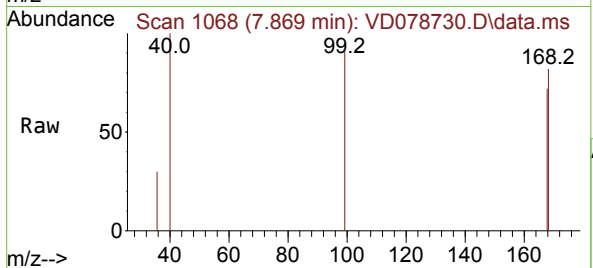
Quant Time: Mar 22 06:57:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
Response via : Initial Calibration



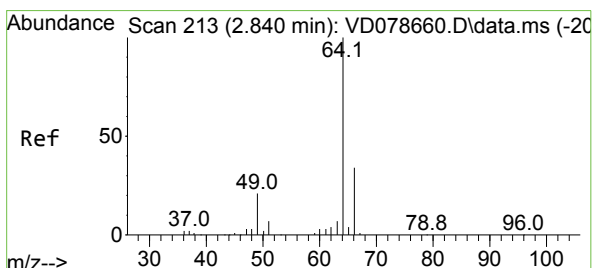
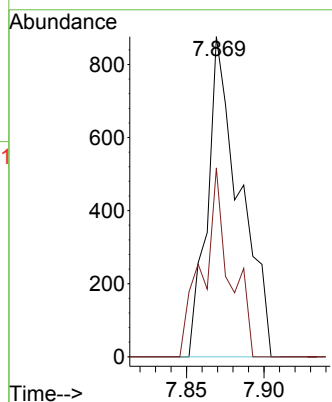
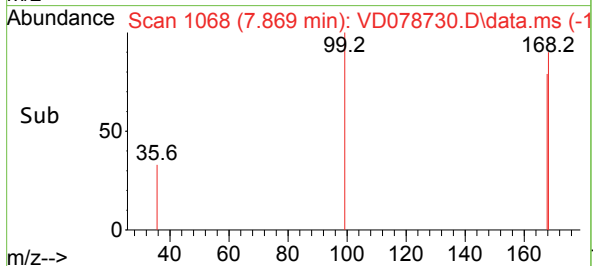


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD078730.D
Acq: 21 Mar 2024 18:03

Instrument :
MSVOA_D
ClientSampleId :

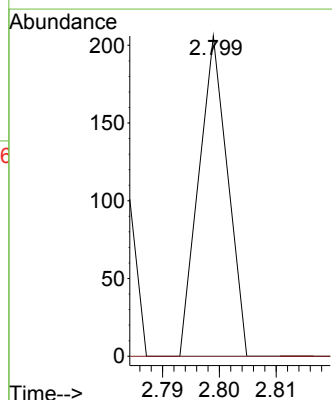
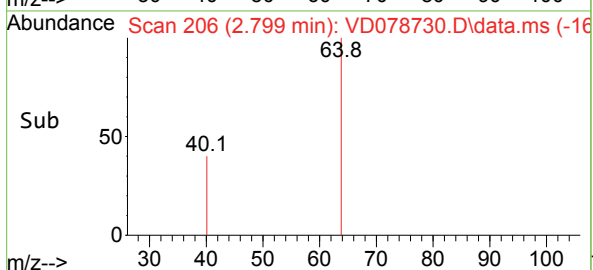
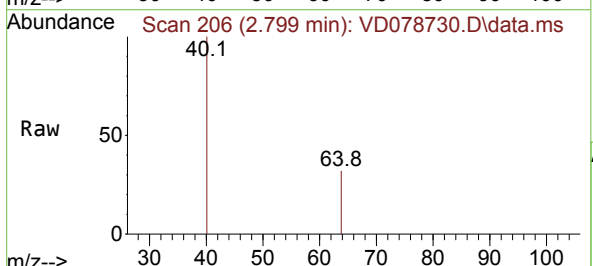


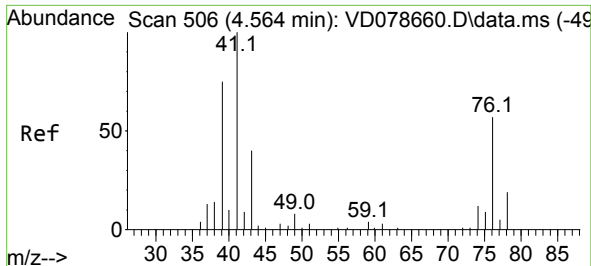
Tgt Ion:168 Resp: 1267
Ion Ratio Lower Upper
168 100
99 59.0 38.8 58.2#



#6
Chloroethane
Concen: 3.408 ug/l
RT: 2.799 min Scan# 206
Delta R.T. -0.041 min
Lab File: VD078730.D
Acq: 21 Mar 2024 18:03

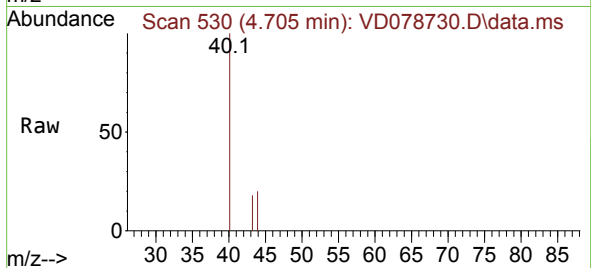
Tgt Ion: 64 Resp: 73
Ion Ratio Lower Upper
64 100
66 0.0 26.8 40.2#



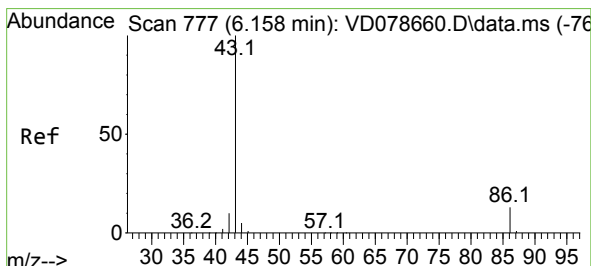
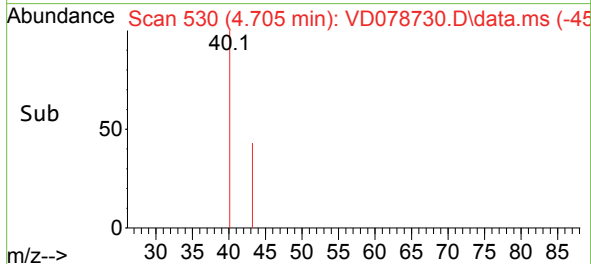
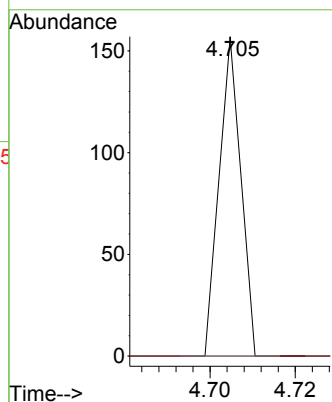


#18
Methyl Acetate
Concen: 11.162 ug/l
RT: 4.705 min Scan# 51
Delta R.T. 0.141 min
Lab File: VD078730.D
Acq: 21 Mar 2024 18:03

Instrument :
MSVOA_D
ClientSampleId :

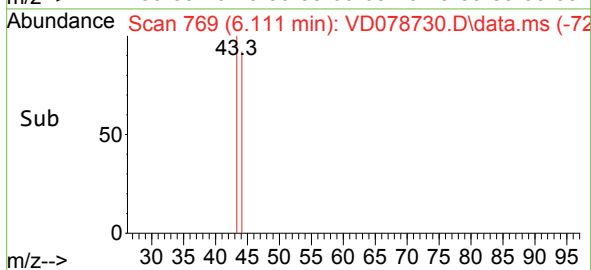
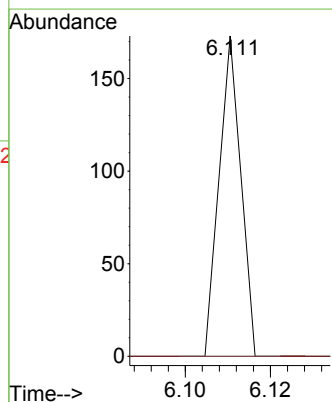
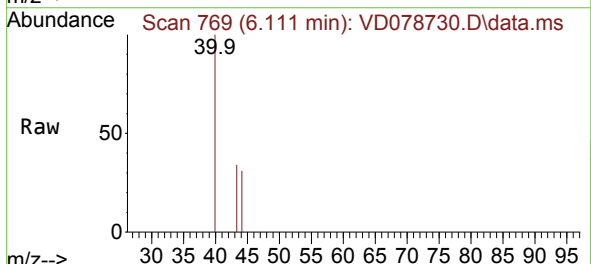


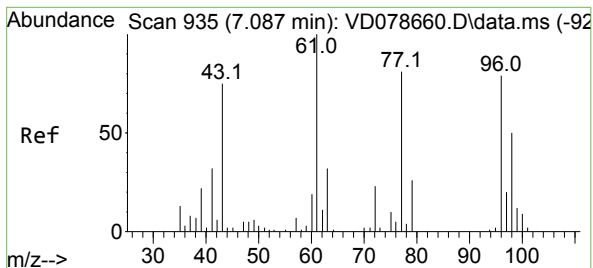
Tgt Ion: 43 Resp: 55
Ion Ratio Lower Upper
43 100
74 0.0 25.3 37.9#



#23
Vinyl Acetate
Concen: 3.171 ug/l
RT: 6.111 min Scan# 769
Delta R.T. -0.047 min
Lab File: VD078730.D
Acq: 21 Mar 2024 18:03

Tgt Ion: 43 Resp: 61
Ion Ratio Lower Upper
43 100
86 0.0 10.7 16.1#





#25

2-Butanone

Concen: 28.500 ug/l

RT: 6.981 min Scan# 91

Delta R.T. -0.106 min

Lab File: VD078730.D

Acq: 21 Mar 2024 18:03

Instrument :

MSVOA_D

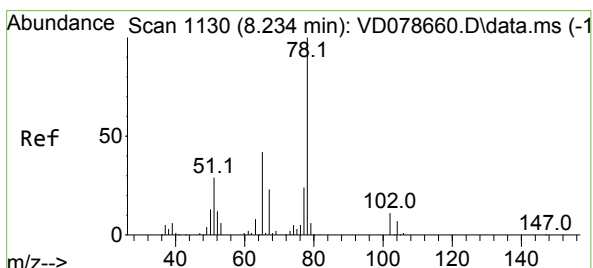
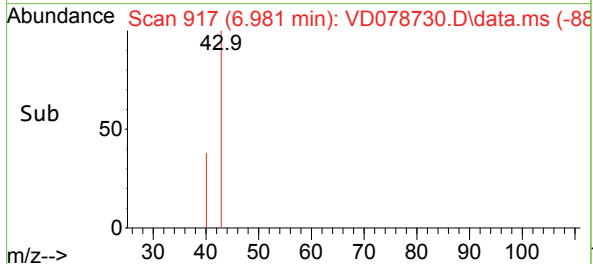
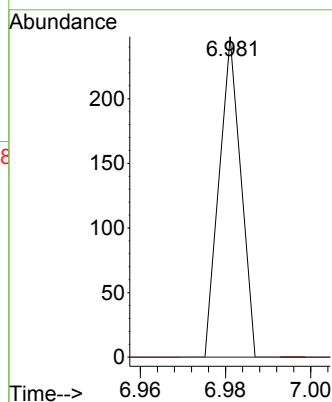
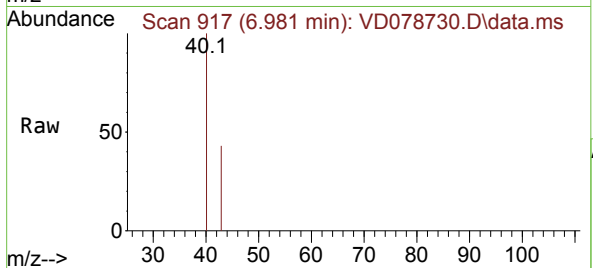
ClientSampleId :

Tgt Ion: 43 Resp: 87

Ion Ratio Lower Upper

43 100

72 0.0 25.0 37.6#



#33

1,2-Dichloroethane-d4

Concen: 49.521 ug/l

RT: 8.240 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VD078730.D

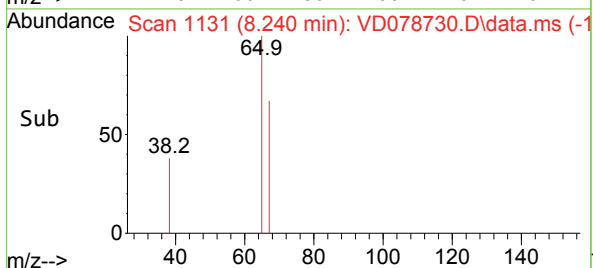
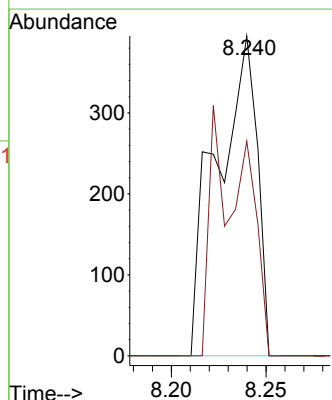
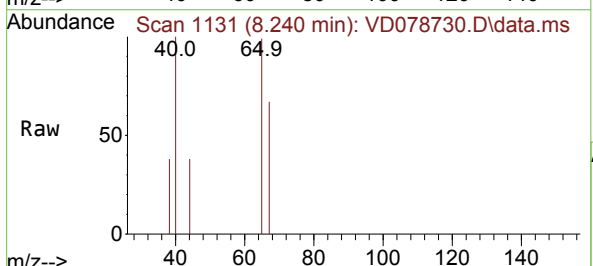
Acq: 21 Mar 2024 18:03

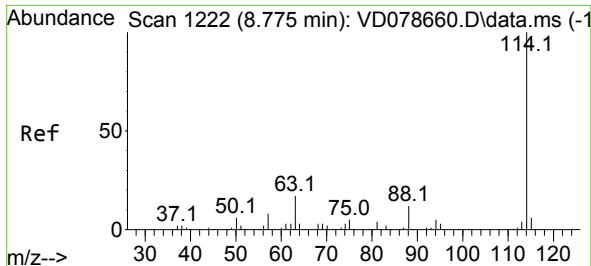
Tgt Ion: 65 Resp: 588

Ion Ratio Lower Upper

65 100

67 64.6 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 114

Delta R.T. 0.006 min

Lab File: VD078730.D

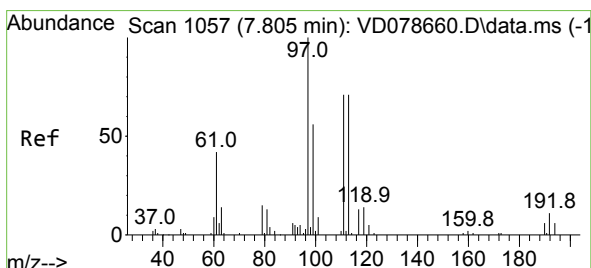
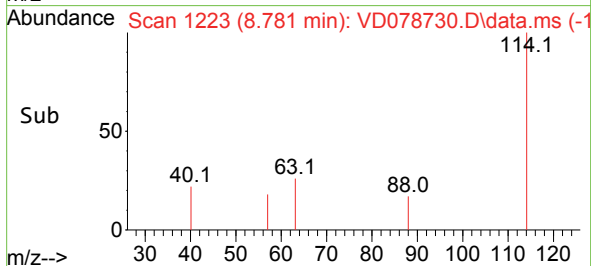
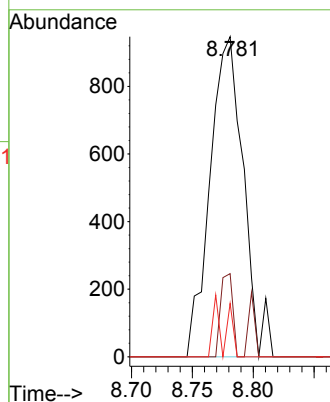
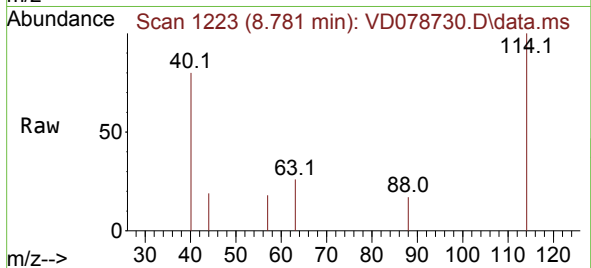
Acq: 21 Mar 2024 18:03

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:114	Resp:	1800
Ion Ratio	Lower	Upper
114	100	
63	26.0	0.0 33.4
88	16.7	0.0 24.6



#35

Dibromofluoromethane

Concen: 77.658 ug/l

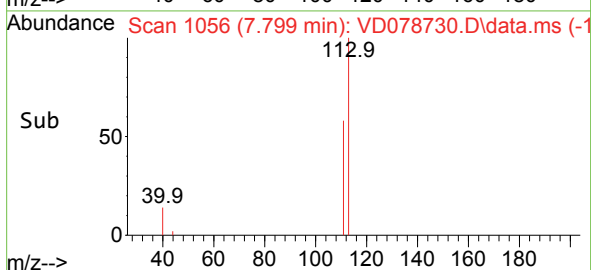
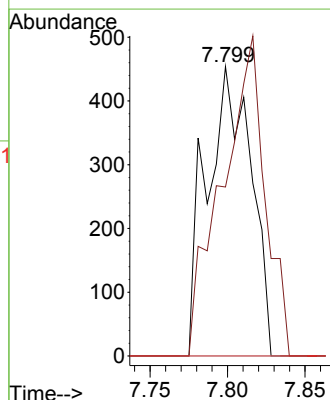
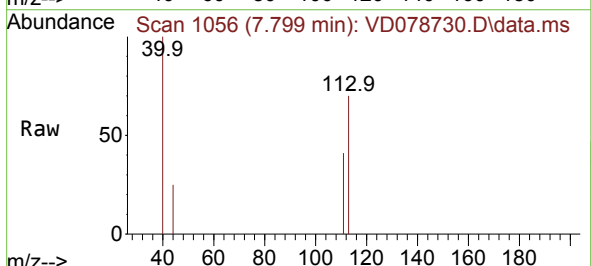
RT: 7.799 min Scan# 1056

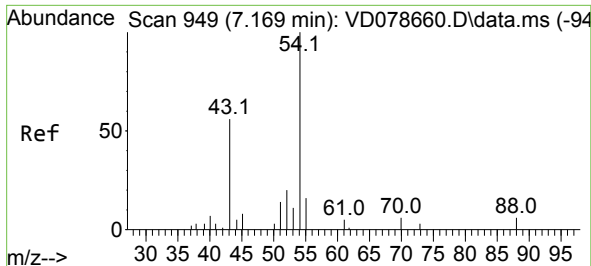
Delta R.T. -0.006 min

Lab File: VD078730.D

Acq: 21 Mar 2024 18:03

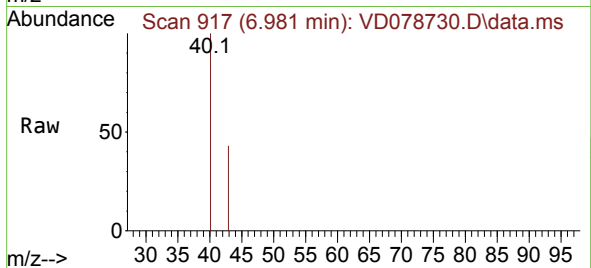
Tgt Ion:113	Resp:	900
Ion Ratio	Lower	Upper
113	100	
111	107.1	81.9 122.9
192	0.0	15.4 23.0



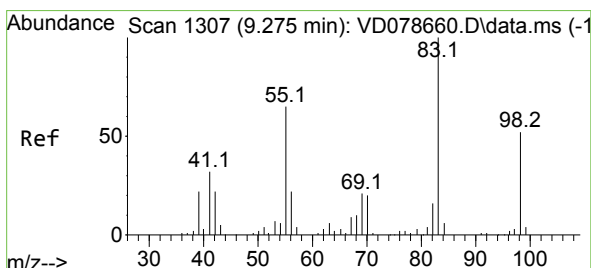
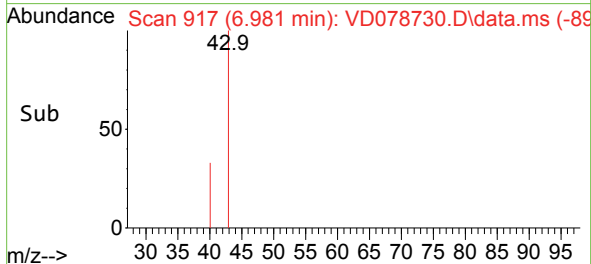
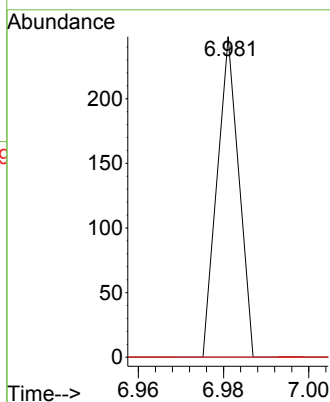


#37
Ethyl Acetate
Concen: 15.837 ug/l
RT: 6.981 min Scan# 917
Delta R.T. -0.188 min
Lab File: VD078730.D
Acq: 21 Mar 2024 18:03

Instrument :
MSVOA_D
ClientSampleId :

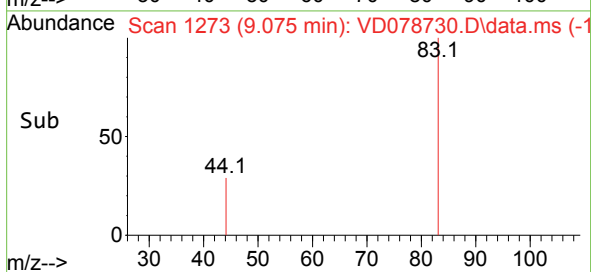
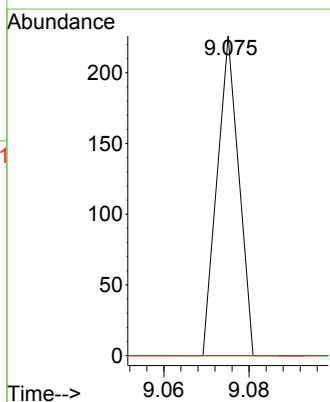
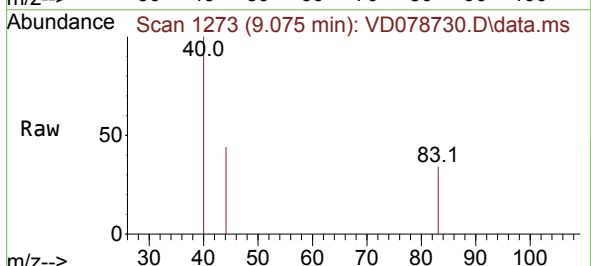


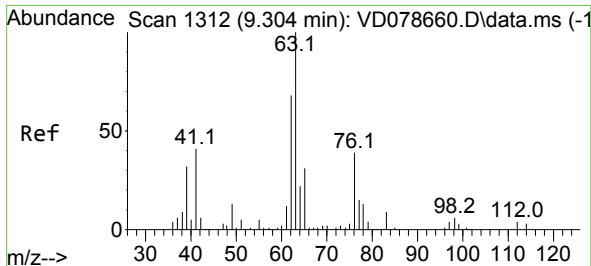
Tgt Ion: 43 Resp: 87
Ion Ratio Lower Upper
43 100
61 0.0 14.6 21.8#
70 0.0 9.4 14.0#



#39
Methylcyclohexane
Concen: 4.101 ug/l
RT: 9.075 min Scan# 1273
Delta R.T. -0.200 min
Lab File: VD078730.D
Acq: 21 Mar 2024 18:03

Tgt Ion: 83 Resp: 80
Ion Ratio Lower Upper
83 100
55 0.0 51.7 77.5#
98 0.0 41.4 62.0#





#45

1,2-Dichloropropane

Concen: 5.059 ug/l

RT: 9.528 min Scan# 1350

Delta R.T. 0.223 min

Lab File: VD078730.D

Acq: 21 Mar 2024 18:03

Instrument :

MSVOA_D

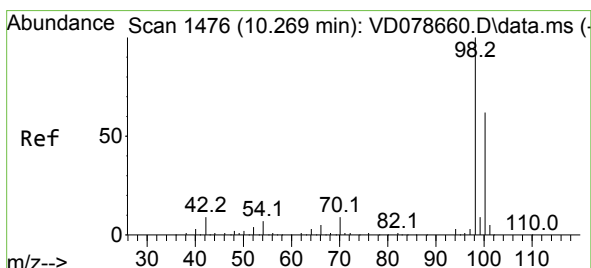
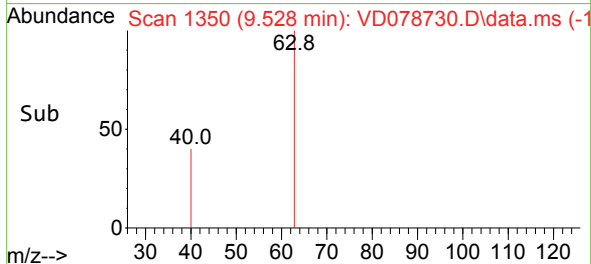
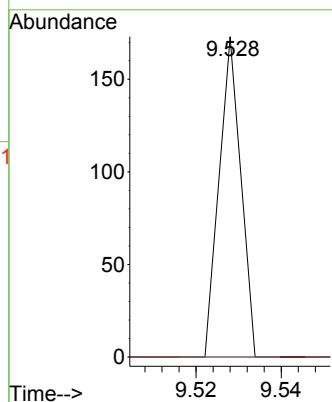
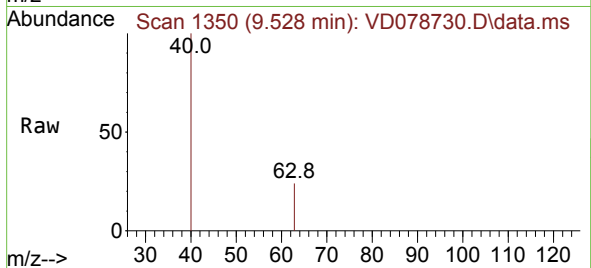
ClientSampleId :

Tgt Ion: 63 Resp: 61

Ion Ratio Lower Upper

63 100

65 0.0 24.8 37.2#



#50

Toluene-d8

Concen: 56.544 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078730.D

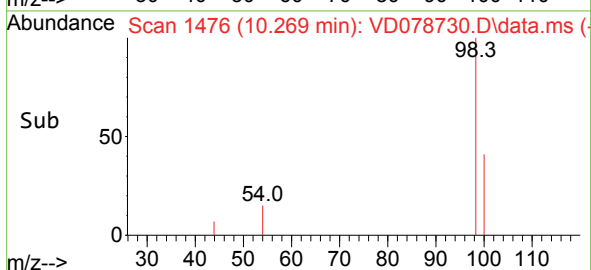
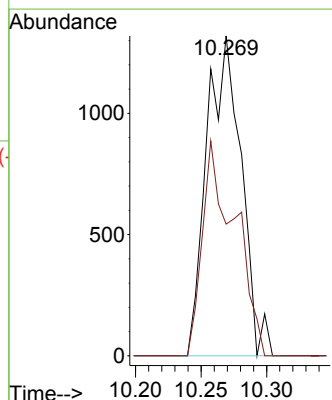
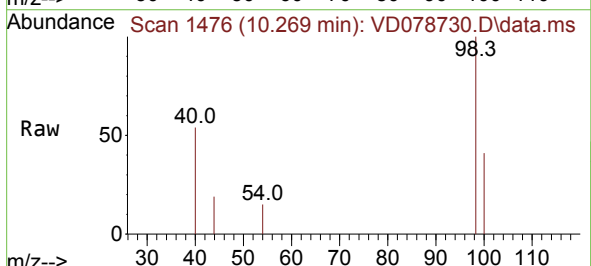
Acq: 21 Mar 2024 18:03

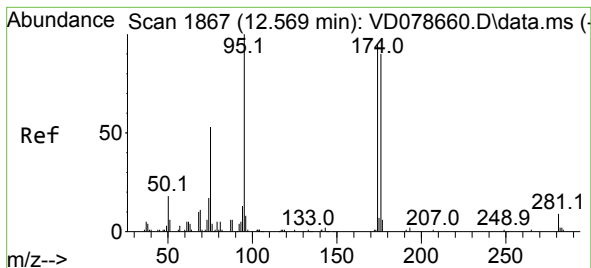
Tgt Ion: 98 Resp: 2410

Ion Ratio Lower Upper

98 100

100 63.7 50.5 75.7

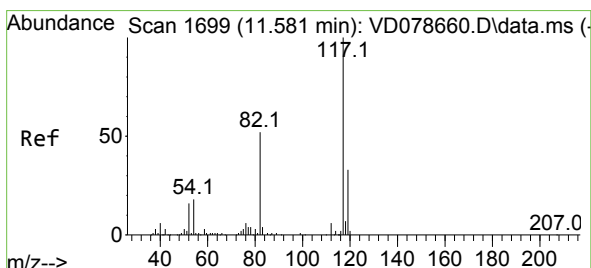
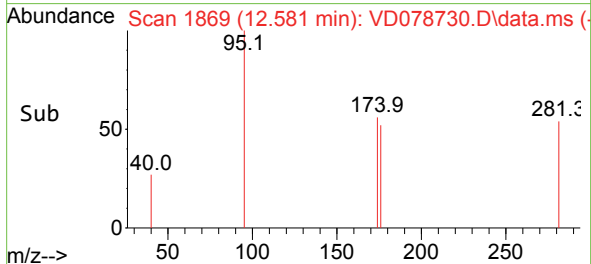
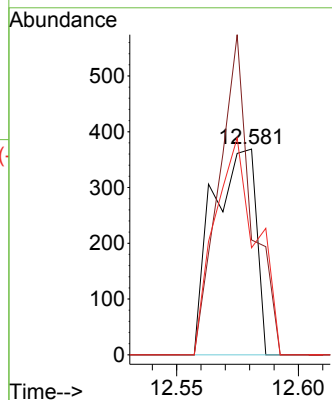
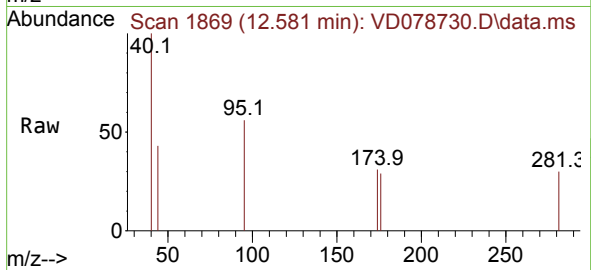




#62
4-Bromofluorobenzene
Concen: 36.570 ug/l
RT: 12.581 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD078730.D
Acq: 21 Mar 2024 18:03

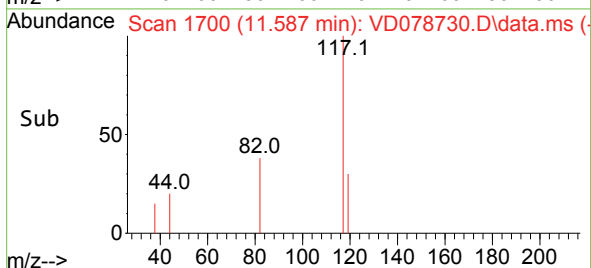
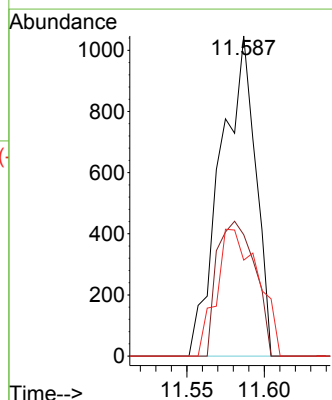
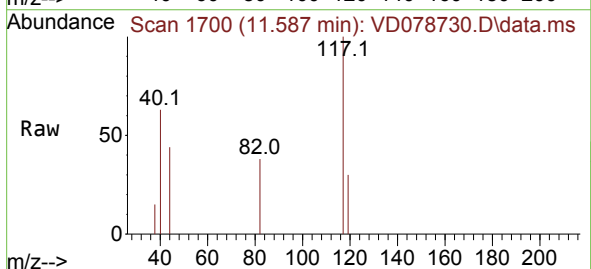
Instrument :
MSVOA_D
ClientSampleId :

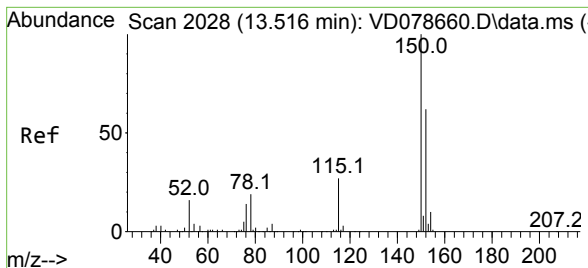
Tgt Ion: 95 Resp: 456
Ion Ratio Lower Upper
95 100
174 117.3 0.0 195.2
176 101.5 0.0 188.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VD078730.D
Acq: 21 Mar 2024 18:03

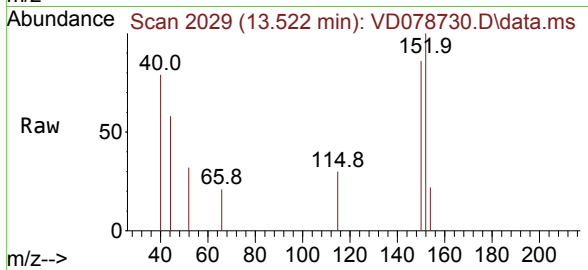
Tgt Ion: 117 Resp: 1641
Ion Ratio Lower Upper
117 100
82 37.9 41.4 62.2#
119 30.0 26.5 39.7



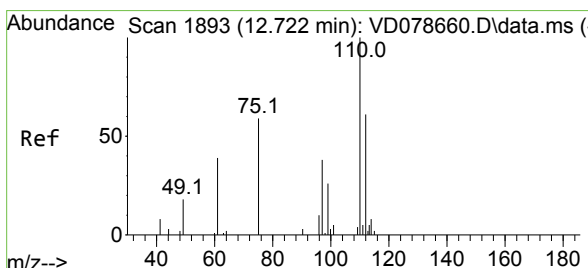
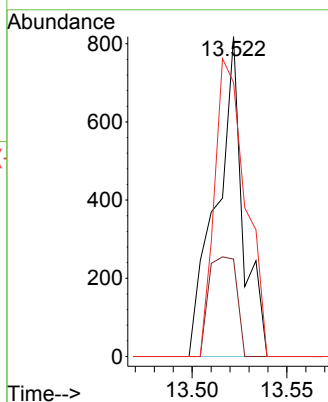
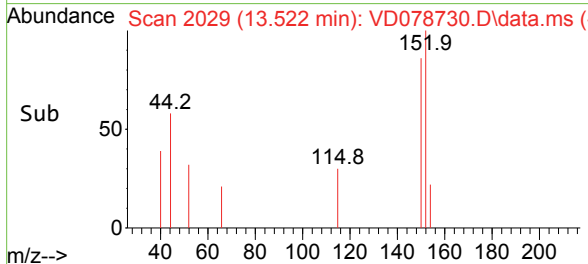


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 2028
 Delta R.T. 0.006 min
 Lab File: VD078730.D
 Acq: 21 Mar 2024 18:03

Instrument :
 MSVOA_D
 ClientSampleId :

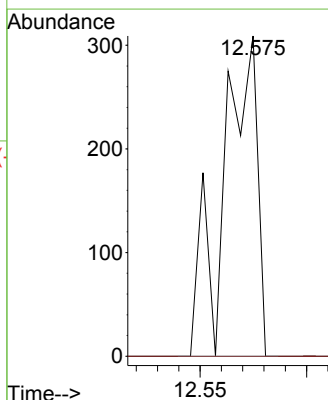
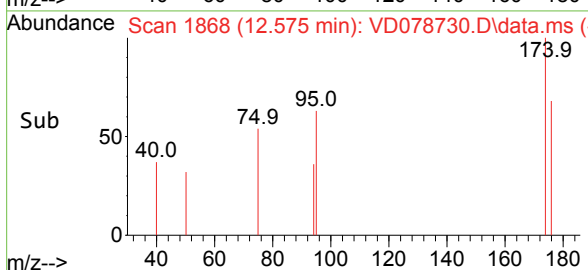
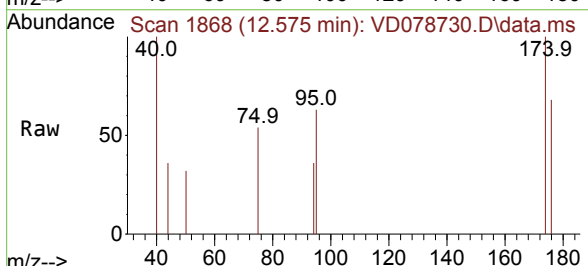


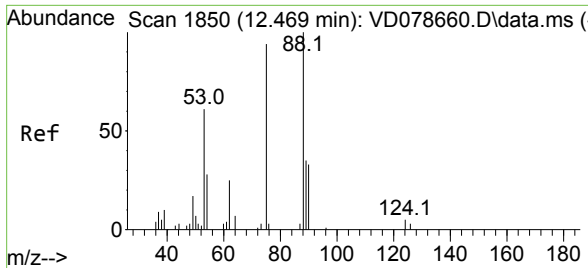
Tgt Ion:152 Resp: 798
 Ion Ratio Lower Upper
 152 100
 115 32.8 27.1 81.2
 150 108.9 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 55.952 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD078730.D
 Acq: 21 Mar 2024 18:03

Tgt Ion: 75 Resp: 344
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 117.285 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.106 min
 Lab File: VD078730.D
 Acq: 21 Mar 2024 18:03

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:	75	Resp:	344
Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.0	91.6#
89	0.0	35.4	53.0#

