

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032124\
 Data File : VD078729.D
 Acq On : 21 Mar 2024 17:35
 Operator : RP/MD
 Sample : P1831-01
 Misc : 5.03G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 22 06:57:08 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)

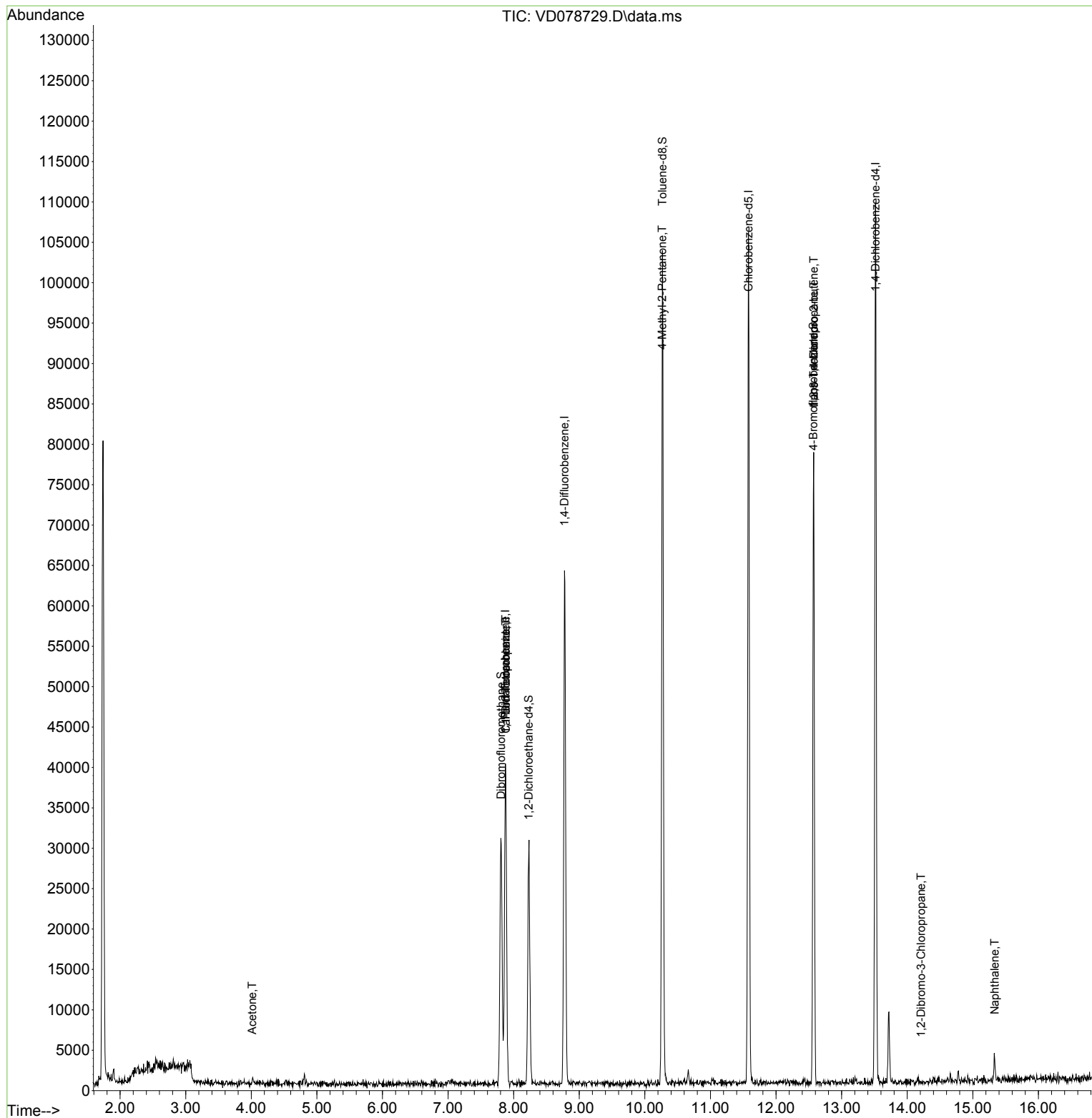
Internal Standards						
1) Pentafluorobenzene	7.875	168	30938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	58246	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	62100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	31242	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	20783	71.680	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 143.360%	
35) Dibromofluoromethane	7.810	113	22952	61.203	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.400%	
50) Toluene-d8	10.269	98	73918	53.595	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.180%	
62) 4-Bromofluorobenzene	12.569	95	22622	56.066	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 112.140%	
Target Compounds						
					Qvalue	
16) Acetone	4.016	43	709	12.646	ug/l #	39
20) Methylene Chloride	4.805	84	644	Below Cal	#	54
36) 1,1-Dichloropropene	7.881	75	2327	4.277	ug/l #	47
38) Carbon Tetrachloride	7.881	117	3084	5.376	ug/l #	11
51) 4-Methyl-2-Pentanone	10.263	43	217	1.284	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	11512	47.827	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	11512	100.253	ug/l #	19
92) 1,2-Dibromo-3-Chloropr...	14.210	75	59	1.158	ug/l #	1
95) Naphthalene	15.334	128	2882	3.063	ug/l #	95

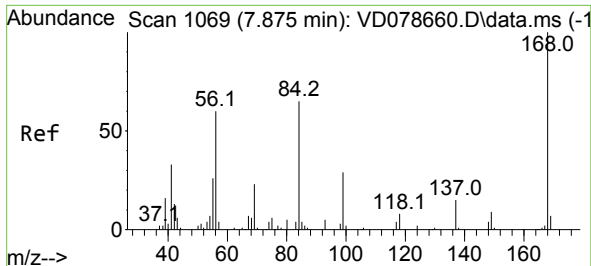
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
Response via : Initial Calibration

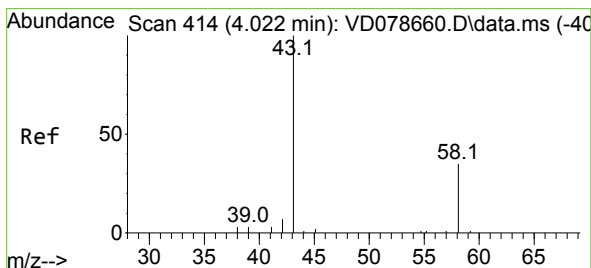
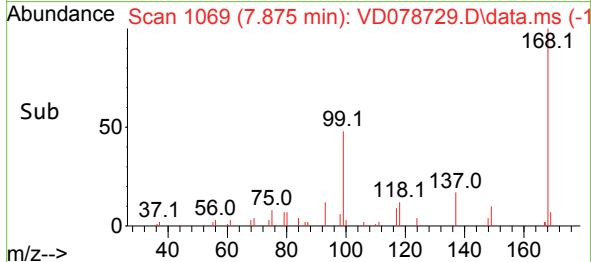
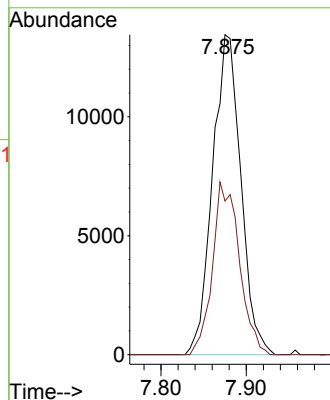
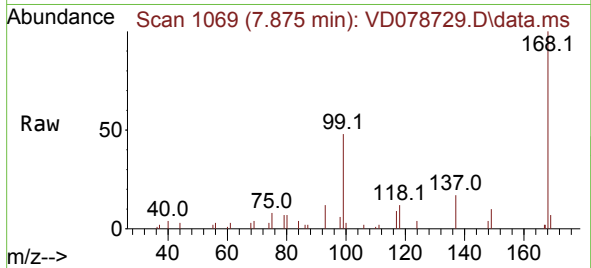




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078729.D
Acq: 21 Mar 2024 17:35

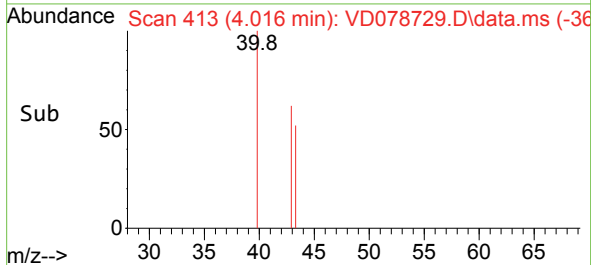
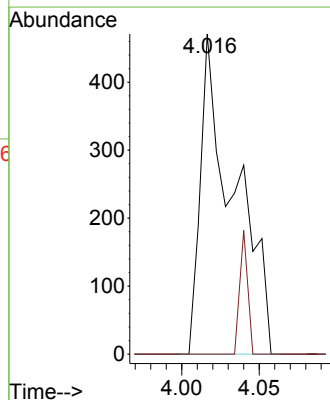
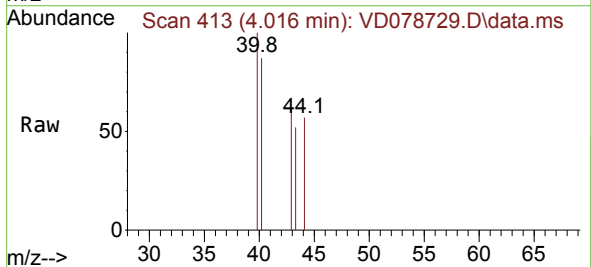
Instrument :
MSVOA_D
ClientSampleId :

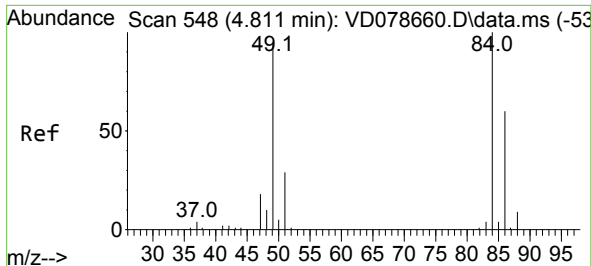
Tgt Ion:168 Resp: 30938
Ion Ratio Lower Upper
168 100
99 48.0 38.8 58.2



#16
Acetone
Concen: 12.646 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD078729.D
Acq: 21 Mar 2024 17:35

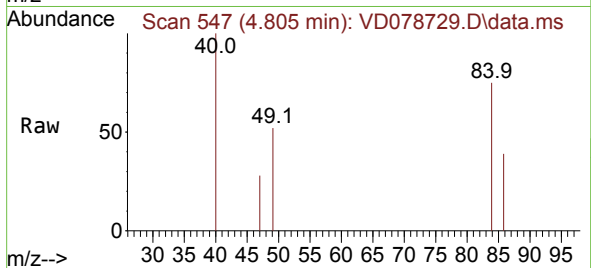
Tgt Ion: 43 Resp: 709
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.4#



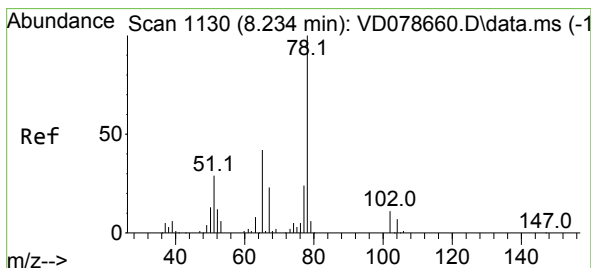
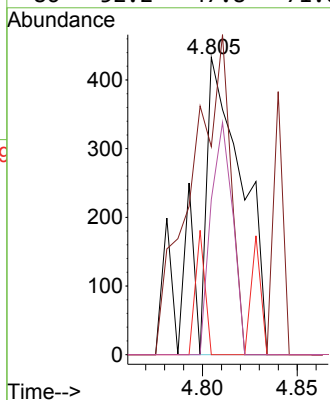
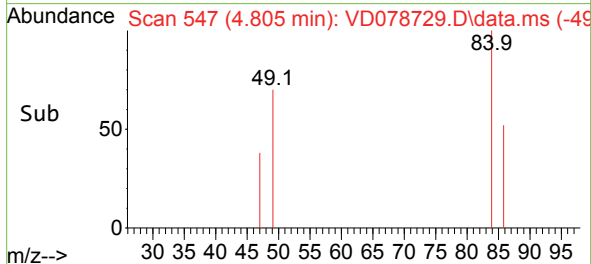


#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD078729.D
Acq: 21 Mar 2024 17:35

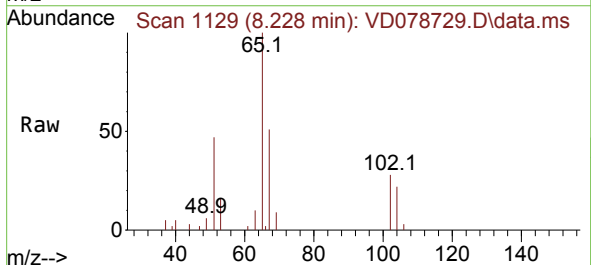
Instrument :
MSVOA_D
ClientSampleId :



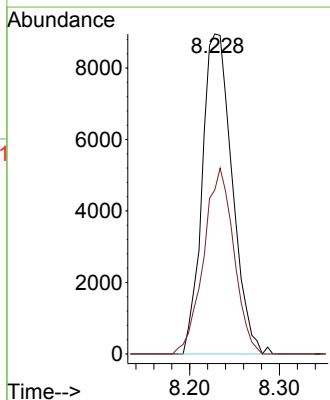
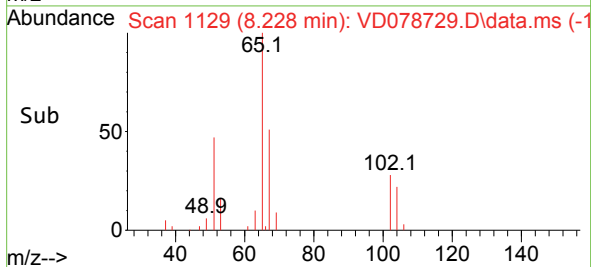
Tgt Ion: 84 Resp: 644
Ion Ratio Lower Upper
84 100
49 30.9 75.6 113.4#
51 0.0 23.4 35.0#
86 52.2 47.8 71.6

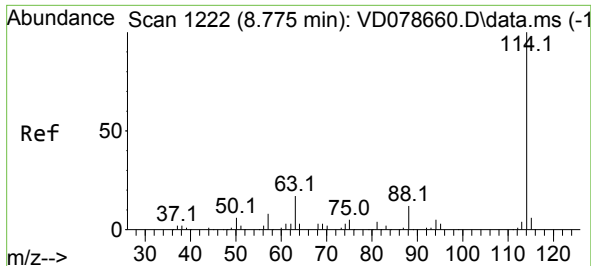


#33
1,2-Dichloroethane-d4
Concen: 71.680 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078729.D
Acq: 21 Mar 2024 17:35



Tgt Ion: 65 Resp: 20783
Ion Ratio Lower Upper
65 100
67 58.3 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078729.D

Acq: 21 Mar 2024 17:35

Instrument :

MSVOA_D

ClientSampleId :

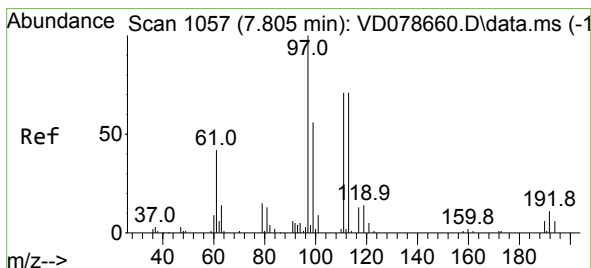
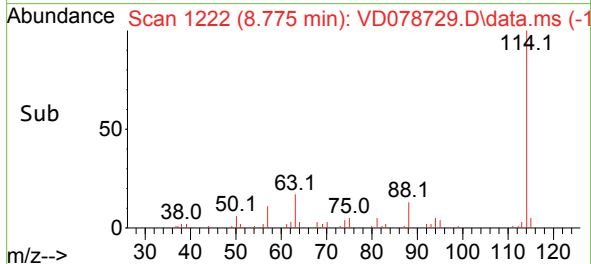
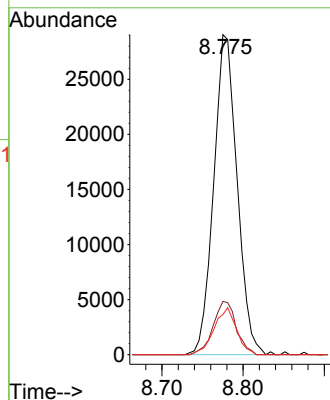
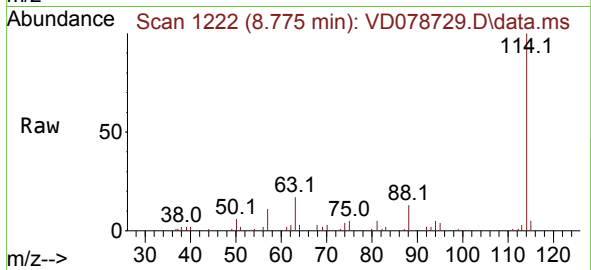
Tgt Ion:114 Resp: 58246

Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.4

88 12.5 0.0 24.6



#35

Dibromofluoromethane

Concen: 61.203 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078729.D

Acq: 21 Mar 2024 17:35

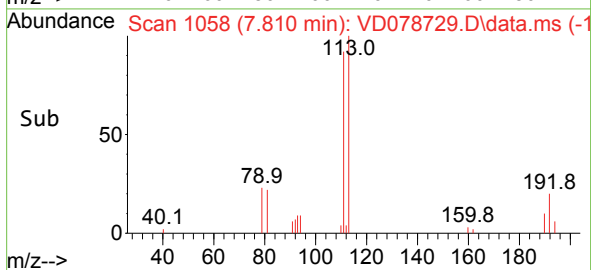
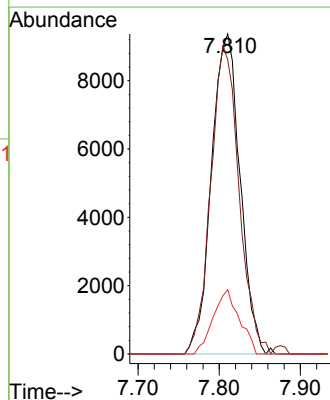
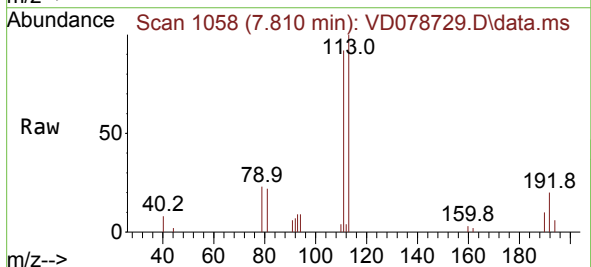
Tgt Ion:113 Resp: 22952

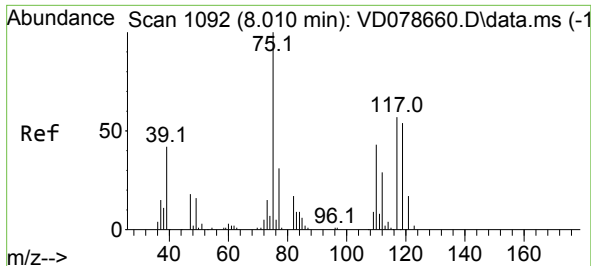
Ion Ratio Lower Upper

113 100

111 95.0 81.9 122.9

192 18.3 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.277 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.129 min

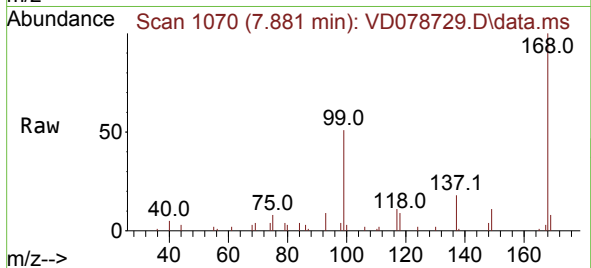
Lab File: VD078729.D

Acq: 21 Mar 2024 17:35

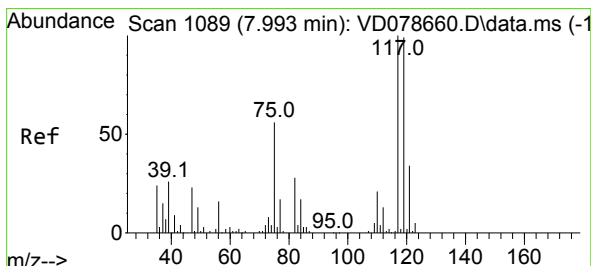
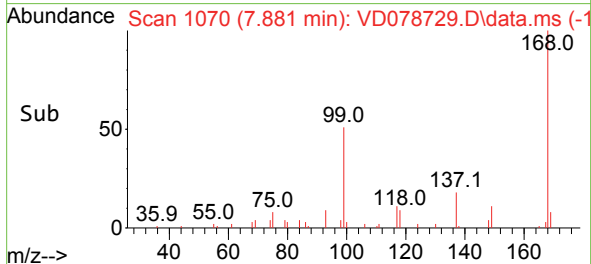
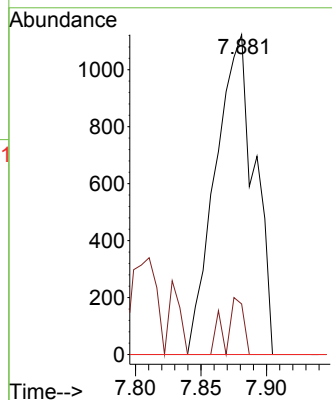
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75	Resp: 2327
Ion Ratio	Lower Upper
75	100
110	8.1 19.1 57.1#
77	0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 5.376 ug/l

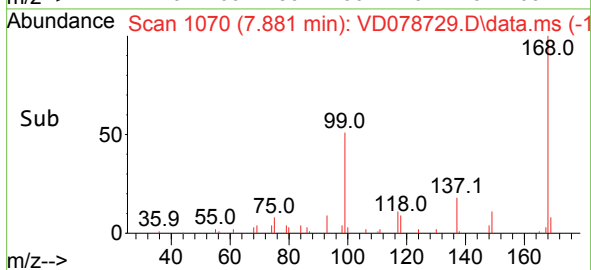
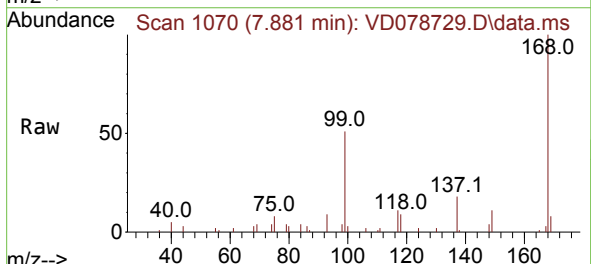
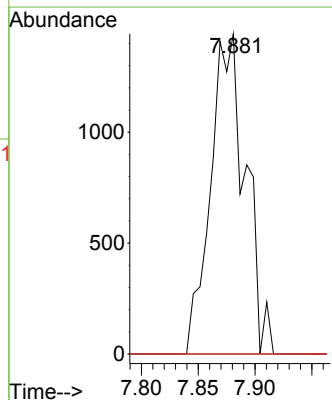
RT: 7.881 min Scan# 1070

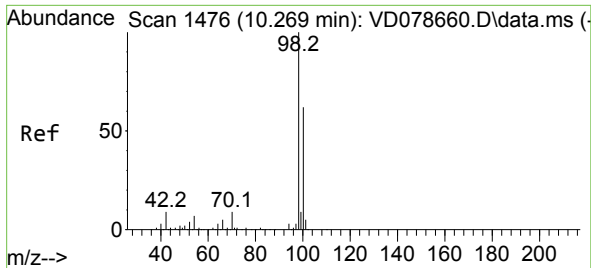
Delta R.T. -0.112 min

Lab File: VD078729.D

Acq: 21 Mar 2024 17:35

Tgt Ion: 117	Resp: 3084
Ion Ratio	Lower Upper
117	100
119	0.0 79.2 118.8#
121	0.0 26.8 40.2#

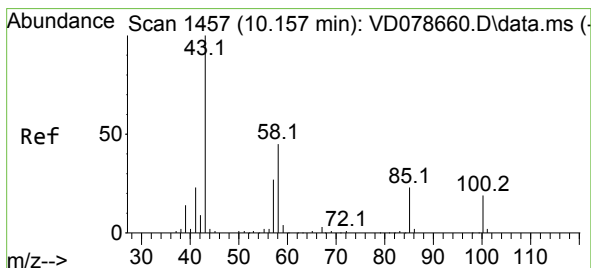
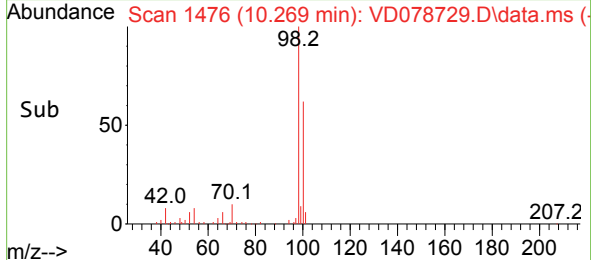
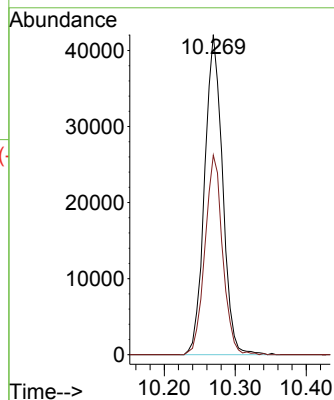
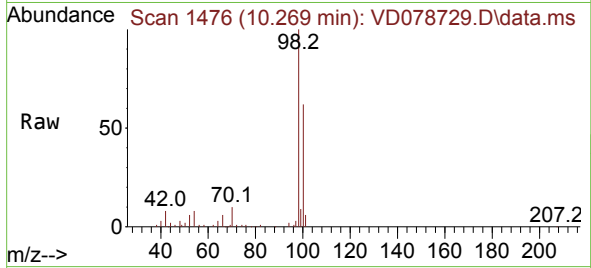




#50
Toluene-d8
Concen: 53.595 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078729.D
Acq: 21 Mar 2024 17:35

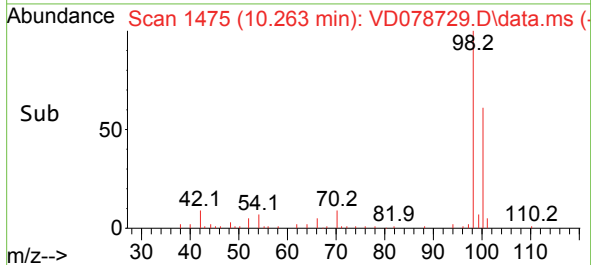
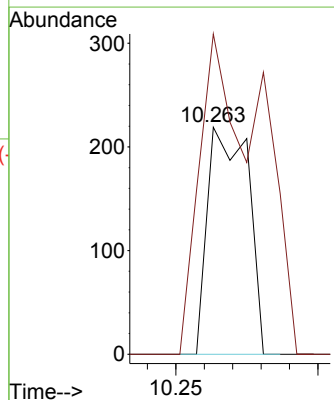
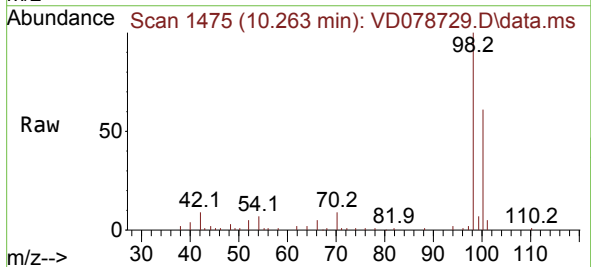
Instrument :
MSVOA_D
ClientSampleId :

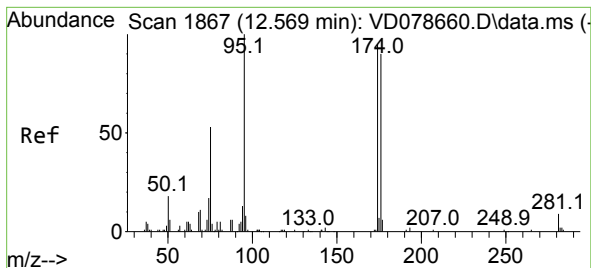
Tgt Ion: 98 Resp: 73918
Ion Ratio Lower Upper
98 100
100 61.5 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.284 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. 0.106 min
Lab File: VD078729.D
Acq: 21 Mar 2024 17:35

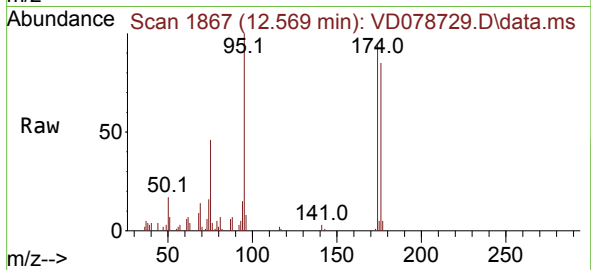
Tgt Ion: 43 Resp: 217
Ion Ratio Lower Upper
43 100
58 212.0 36.4 54.6#



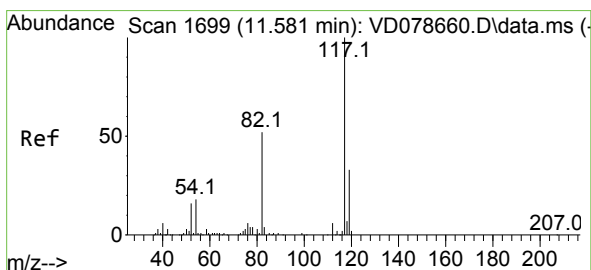
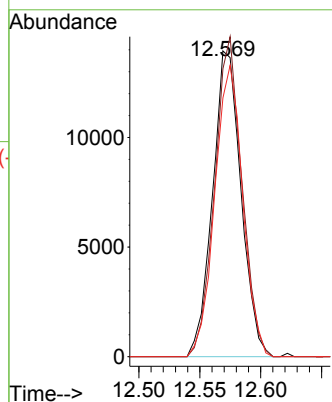


#62
4-Bromofluorobenzene
Concen: 56.066 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD078729.D
Acq: 21 Mar 2024 17:35

Instrument :
MSVOA_D
ClientSampleId :

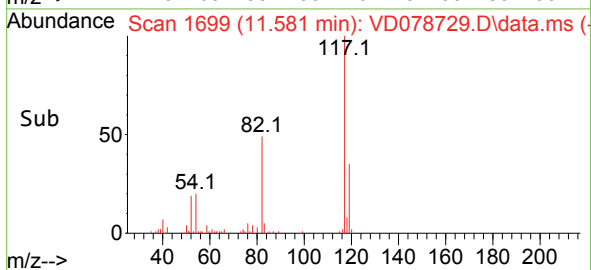
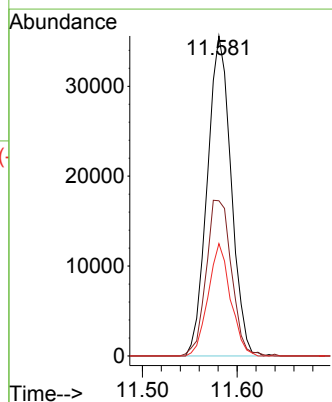
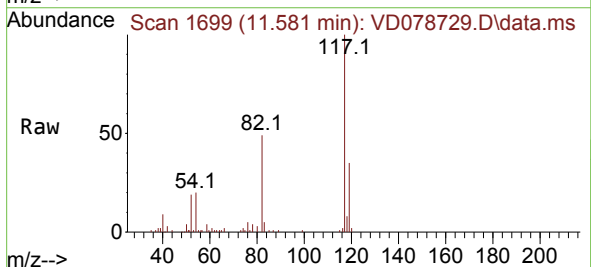


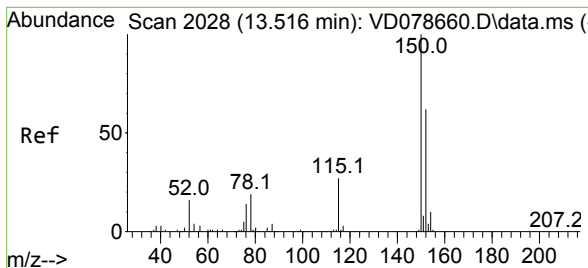
Tgt Ion: 95 Resp: 22622
Ion Ratio Lower Upper
95 100
174 100.1 0.0 195.2
176 93.9 0.0 188.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078729.D
Acq: 21 Mar 2024 17:35

Tgt Ion: 117 Resp: 62100
Ion Ratio Lower Upper
117 100
82 48.5 41.4 62.2
119 35.1 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. -0.000 min

Lab File: VD078729.D

Acq: 21 Mar 2024 17:35

Instrument :

MSVOA_D

ClientSampleId :

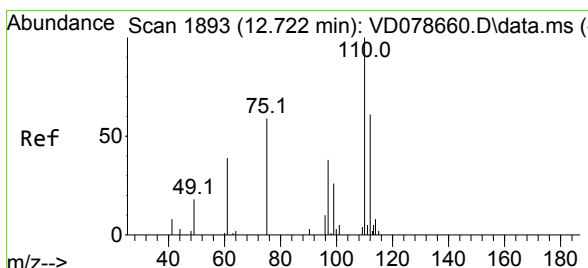
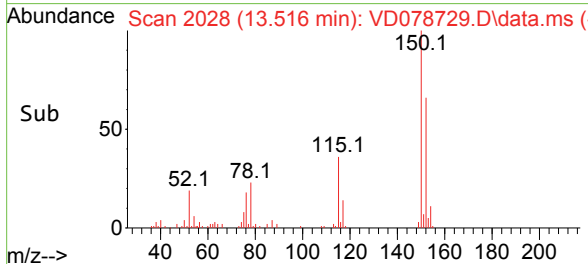
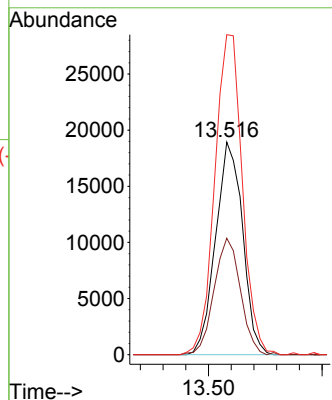
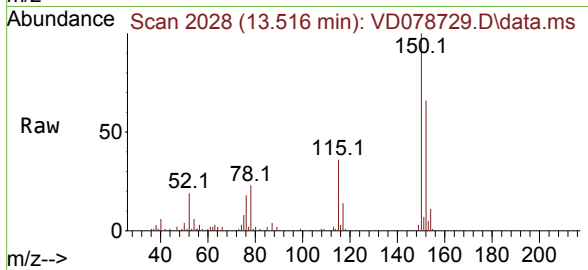
Tgt Ion:152 Resp: 31242

Ion Ratio Lower Upper

152 100

115 53.6 27.1 81.2

150 153.3 0.0 350.2



#76

1,2,3-Trichloropropane

Concen: 47.827 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.147 min

Lab File: VD078729.D

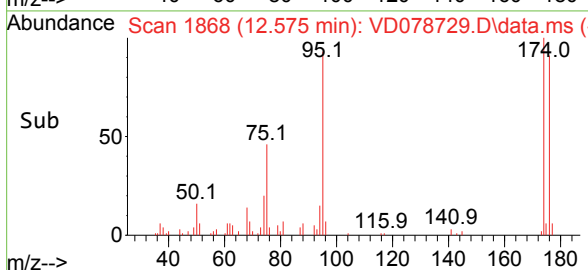
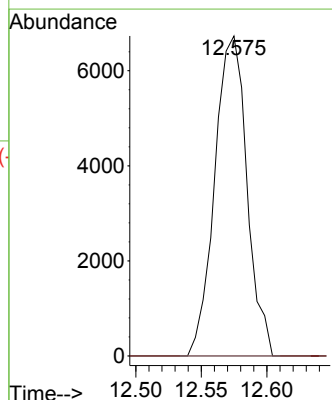
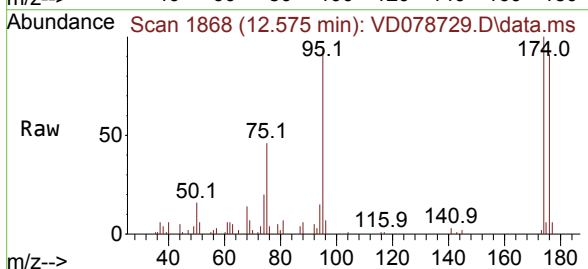
Acq: 21 Mar 2024 17:35

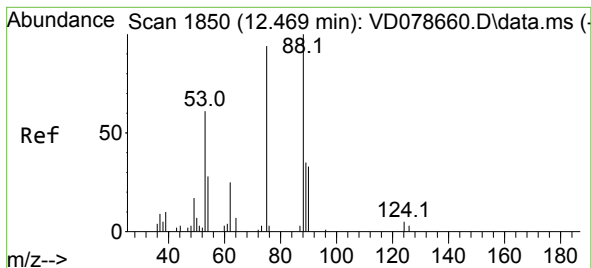
Tgt Ion: 75 Resp: 11512

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

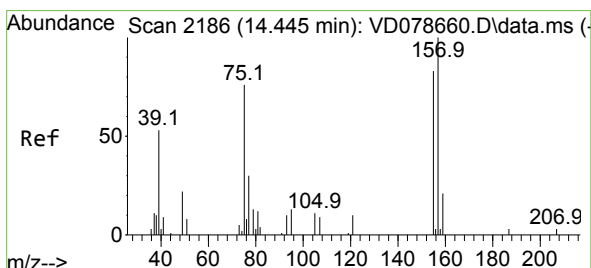
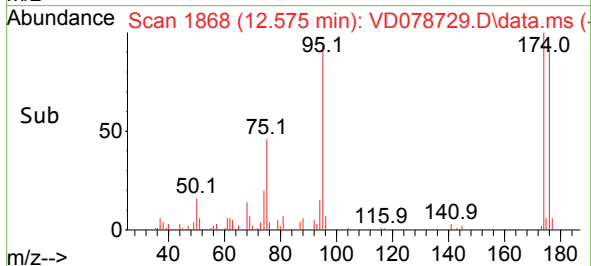
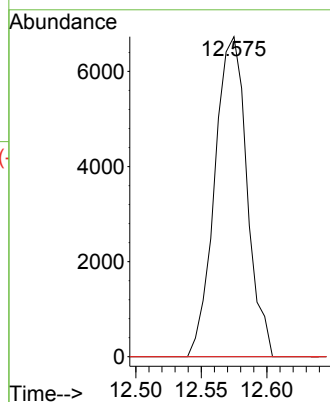
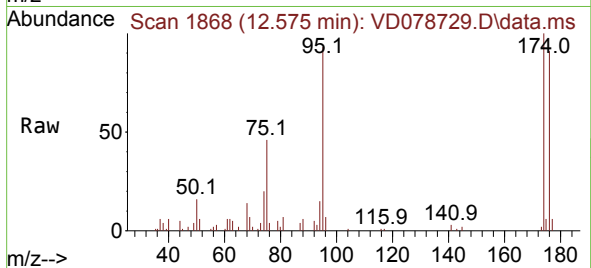




#81
trans-1,4-Dichloro-2-butene
Concen: 100.253 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD078729.D
Acq: 21 Mar 2024 17:35

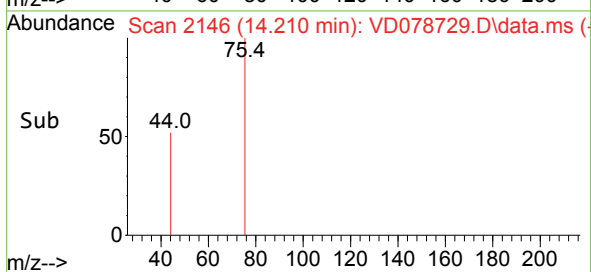
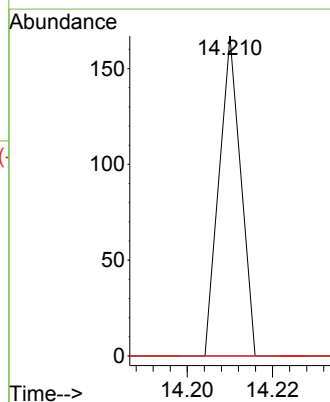
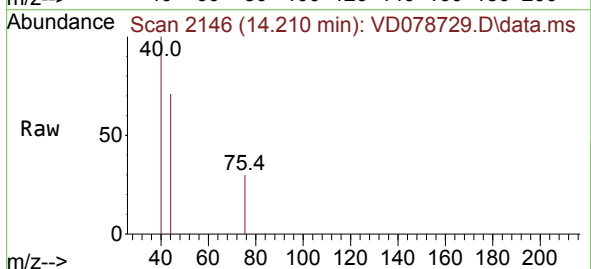
Instrument :
MSVOA_D
ClientSampleId :

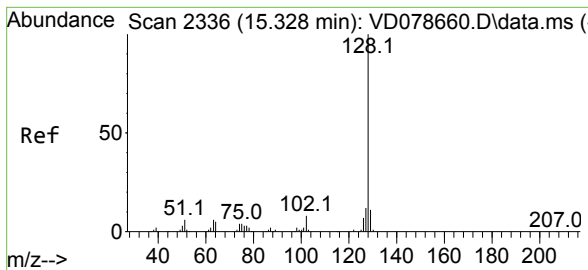
Tgt Ion: 75 Resp: 11512
Ion Ratio Lower Upper
75 100
53 0.0 61.0 91.6#
89 0.0 35.4 53.0#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.158 ug/l
RT: 14.210 min Scan# 2146
Delta R.T. -0.235 min
Lab File: VD078729.D
Acq: 21 Mar 2024 17:35

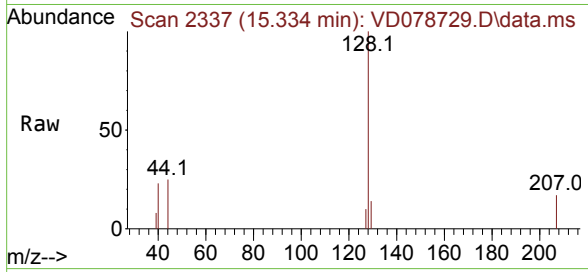
Tgt Ion: 75 Resp: 59
Ion Ratio Lower Upper
75 100
155 0.0 49.8 149.3#
157 0.0 65.5 196.3#





#95
 Naphthalene
 Concen: 3.063 ug/l
 RT: 15.334 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD078729.D
 Acq: 21 Mar 2024 17:35

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	128	Resp:	2882
Ion	Ratio	Lower	Upper
128	100		
127	10.2	9.3	13.9
129	13.9	8.9	13.3#

