

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111822\
 Data File : VD074989.D
 Acq On : 18 Nov 2022 14:58
 Operator : VA/SY
 Sample : N5664-01
 Misc : 5..08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-1RE

Quant Time: Nov 18 22:05:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

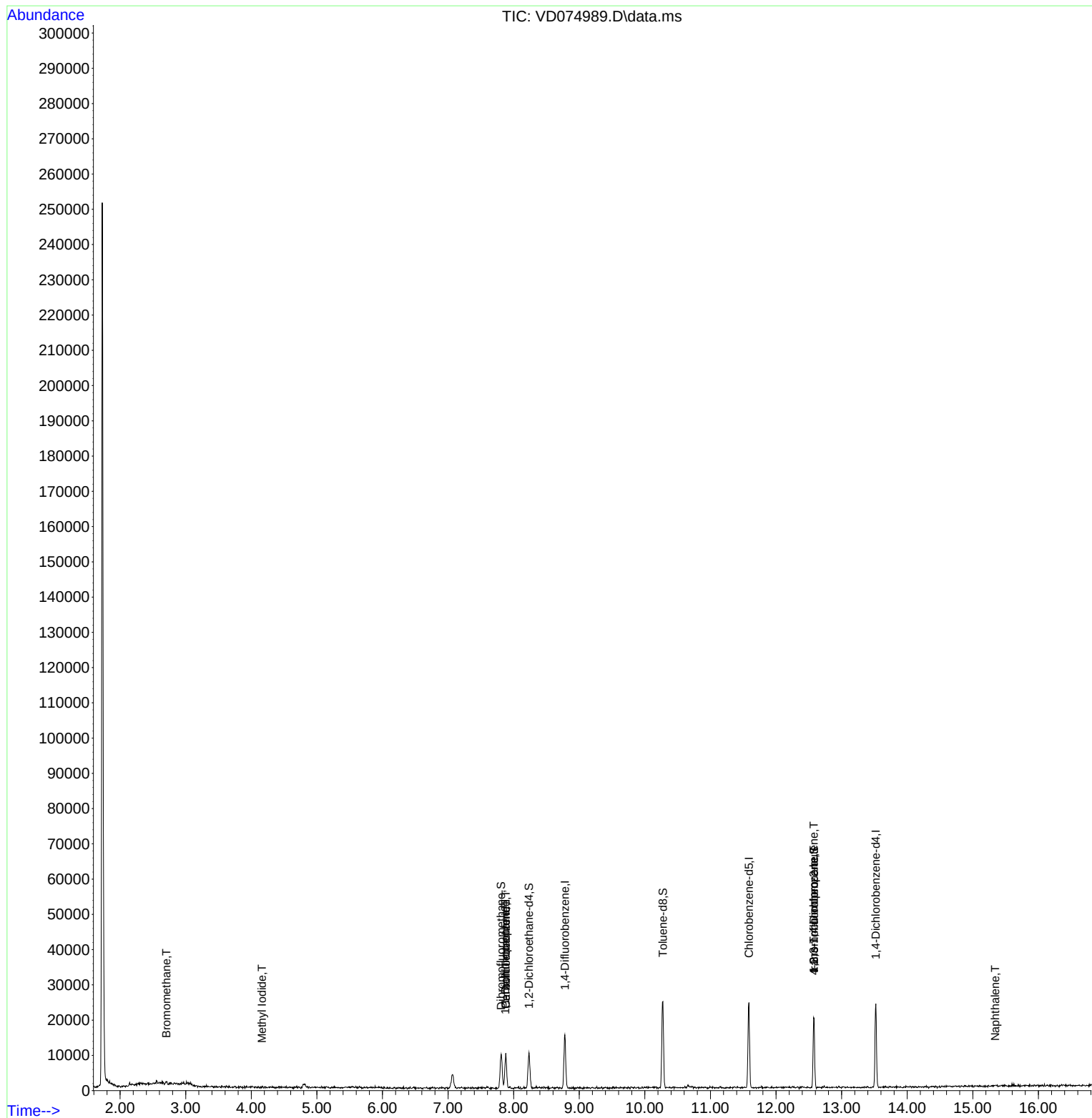
Internal Standards						
1) Pentafluorobenzene	7.881	168	8559	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	15857	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	16473	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	7725	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	7573	144.339	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 288.680%#	
35) Dibromofluoromethane	7.810	113	7237	74.038	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 148.080%#	
50) Toluene-d8	10.275	98	20184	62.686	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 125.380%	
62) 4-Bromofluorobenzene	12.581	95	6636	67.118	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 134.240%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	177	Below Cal	#	67
5) Bromomethane	2.705	94	453	4.121	ug/l #	62
10) Methyl Iodide	4.163	142	53	5.231	ug/l #	43
20) Methylene Chloride	4.787	84	460	Below Cal	#	64
36) 1,1-Dichloropropene	7.875	75	488	3.397	ug/l #	39
38) Carbon Tetrachloride	7.881	117	611	4.518	ug/l #	14
76) 1,2,3-Trichloropropane	12.575	75	3044	47.112	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	3044	115.897	ug/l #	17
95) Naphthalene	15.339	128	413	1.661	ug/l #	69

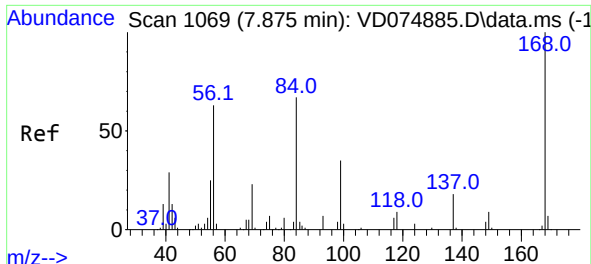
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

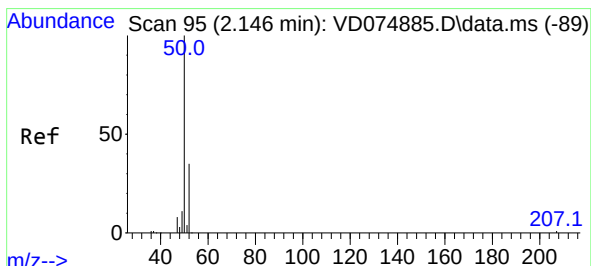
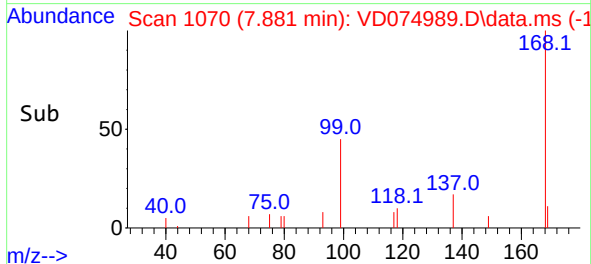
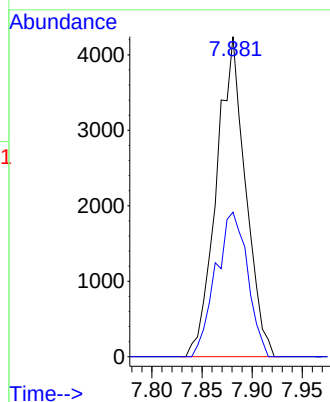
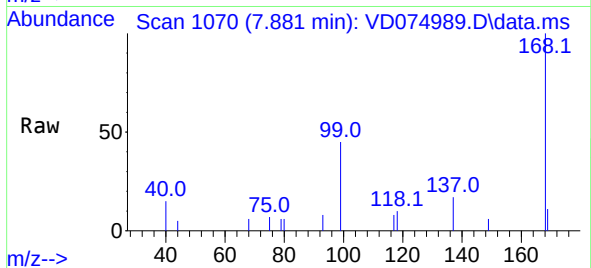




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD074989.D
Acq: 18 Nov 2022 14:58

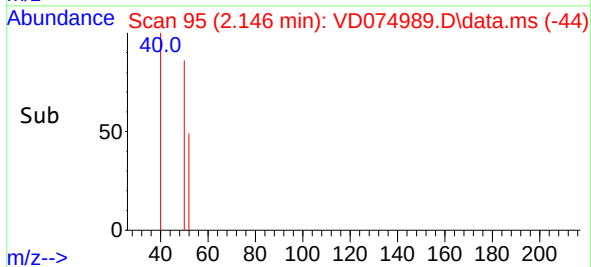
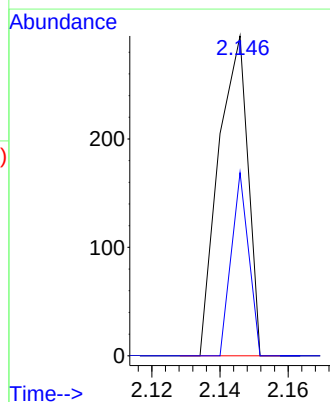
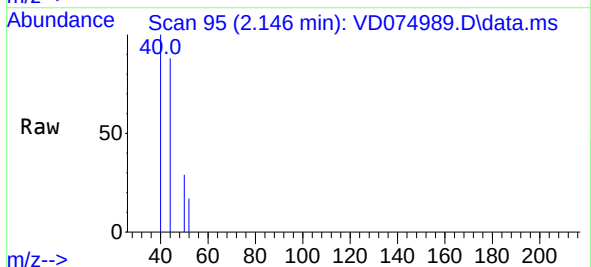
Instrument :
MSVOA_D
ClientSampleId :
B-1RE

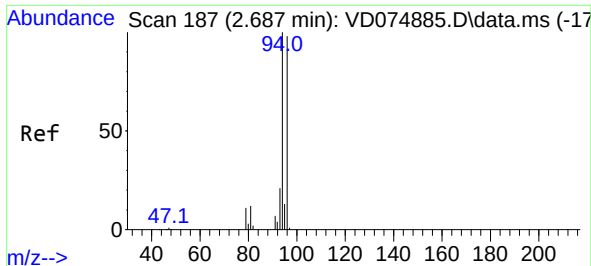
Tgt Ion:168 Resp: 8559
Ion Ratio Lower Upper
168 100
99 45.1 40.9 61.3



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD074989.D
Acq: 18 Nov 2022 14:58

Tgt Ion: 50 Resp: 177
Ion Ratio Lower Upper
50 100
52 57.3 30.0 45.0#

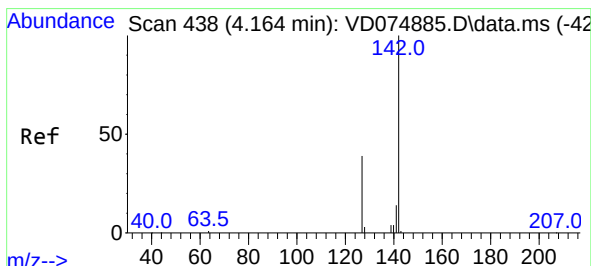
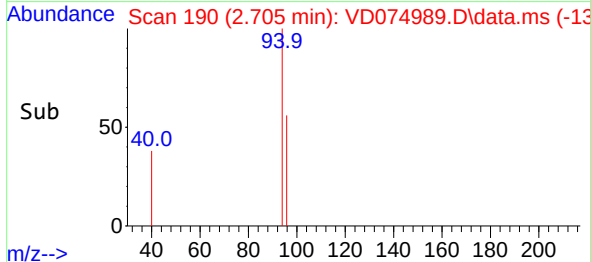
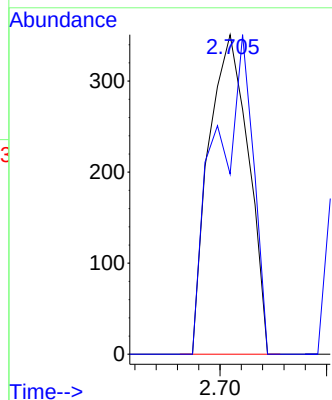
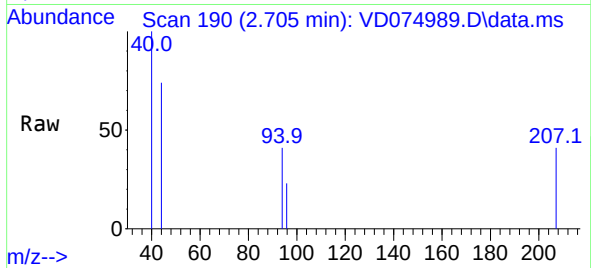




#5
Bromomethane
Concen: 4.121 ug/l
RT: 2.705 min Scan# 190
Delta R.T. 0.018 min
Lab File: VD074989.D
Acq: 18 Nov 2022 14:58

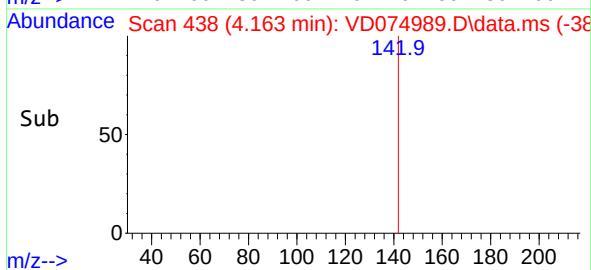
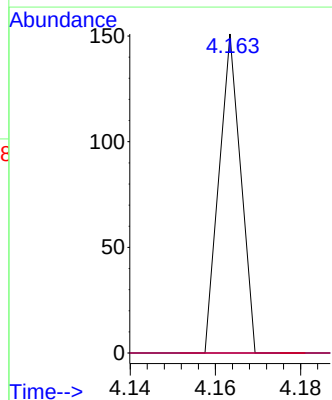
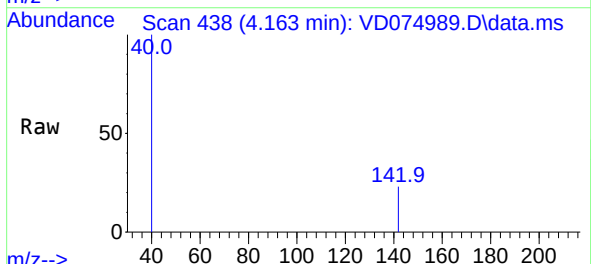
Instrument :
MSVOA_D
ClientSampleId :
B-1RE

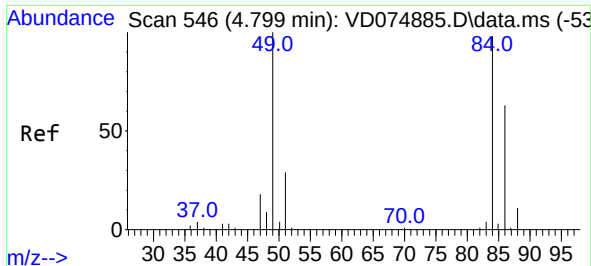
Tgt Ion: 94 Resp: 453
Ion Ratio Lower Upper
94 100
96 56.4 74.6 112.0#



#10
Methyl Iodide
Concen: 5.231 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.001 min
Lab File: VD074989.D
Acq: 18 Nov 2022 14:58

Tgt Ion:142 Resp: 53
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#



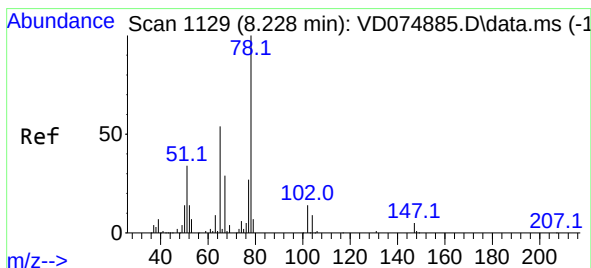
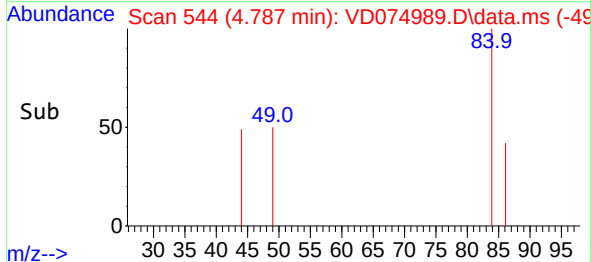
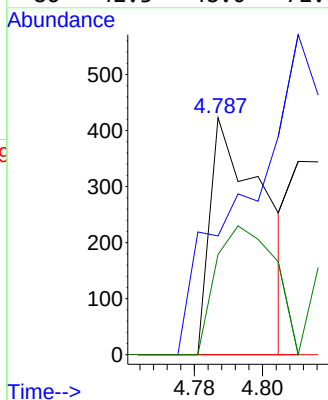
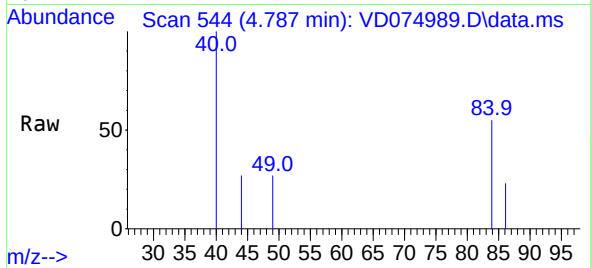


#20
Methylene Chloride
Concen: Below Cal
RT: 4.787 min Scan# 546
Delta R.T. -0.012 min
Lab File: VD074989.D
Acq: 18 Nov 2022 14:58

Instrument :
MSVOA_D
ClientSampleId :
B-1RE

Tgt Ion: 84 Resp: 460

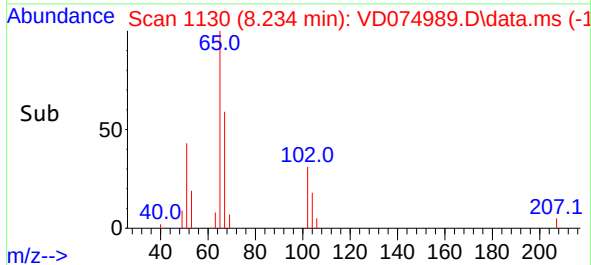
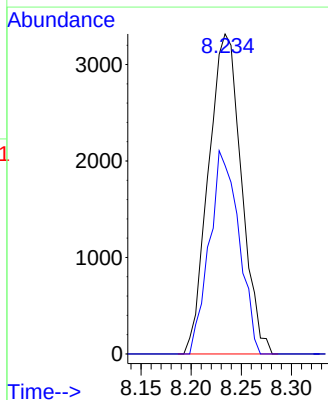
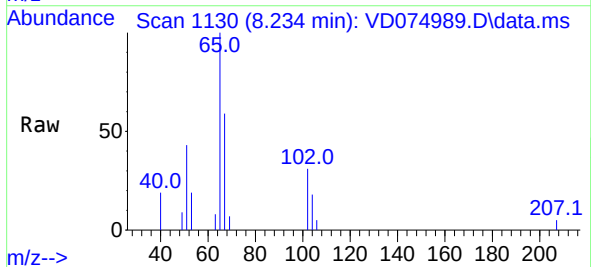
Ion	Ratio	Lower	Upper
84	100		
49	50.1	68.0	102.0#
51	0.0	23.2	34.8#
86	42.3	48.0	72.0#

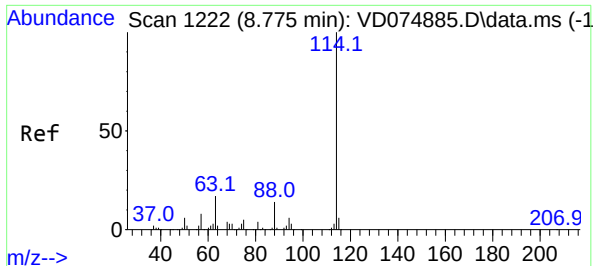


#33
1,2-Dichloroethane-d4
Concen: 144.339 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074989.D
Acq: 18 Nov 2022 14:58

Tgt Ion: 65 Resp: 7573

Ion	Ratio	Lower	Upper
65	100		
67	56.8	0.0	110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074989.D

Acq: 18 Nov 2022 14:58

Instrument :

MSVOA_D

ClientSampleId :

B-1RE

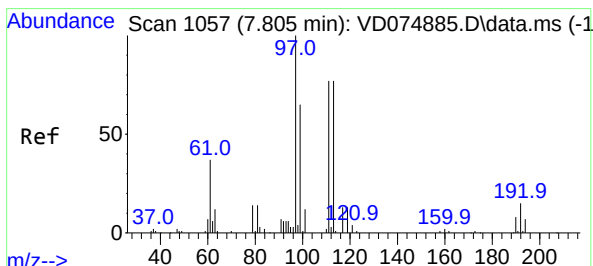
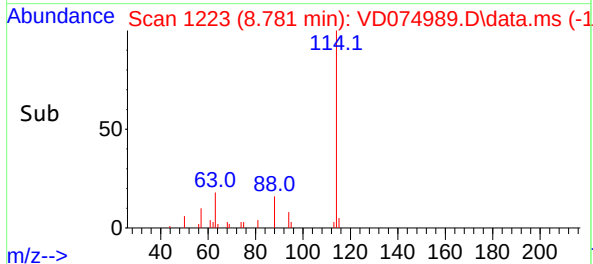
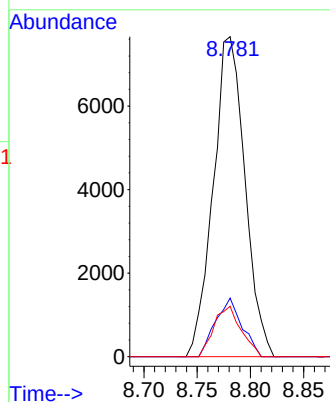
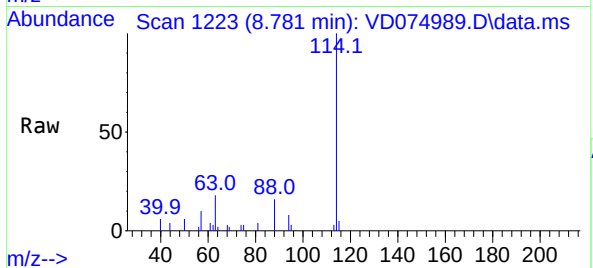
Tgt Ion:114 Resp: 15857

Ion Ratio Lower Upper

114 100

63 18.3 0.0 33.2

88 15.8 0.0 28.2



#35

Dibromofluoromethane

Concen: 74.038 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD074989.D

Acq: 18 Nov 2022 14:58

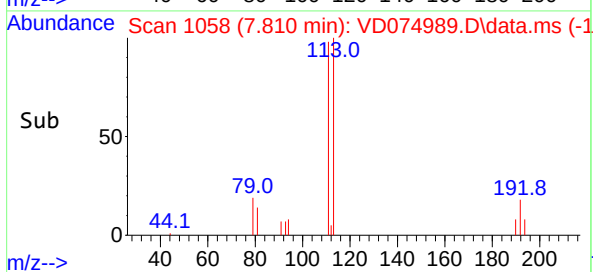
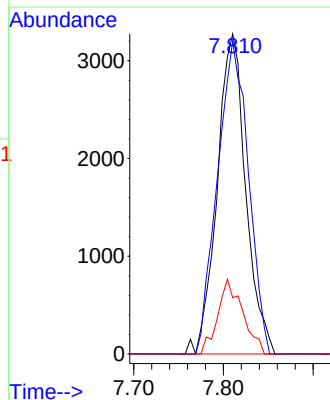
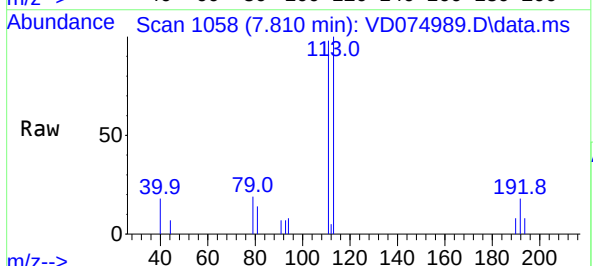
Tgt Ion:113 Resp: 7237

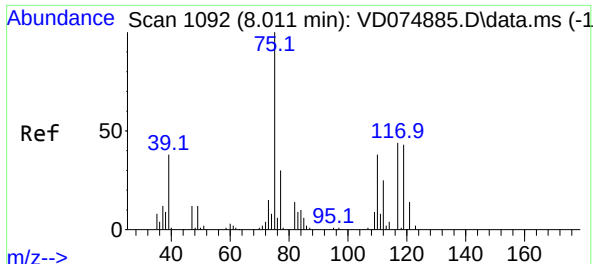
Ion Ratio Lower Upper

113 100

111 105.9 82.3 123.5

192 20.4 16.4 24.6





#36

1,1-Dichloropropene

Concen: 3.397 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.136 min

Lab File: VD074989.D

Acq: 18 Nov 2022 14:58

Instrument :

MSVOA_D

ClientSampleId :

B-1RE

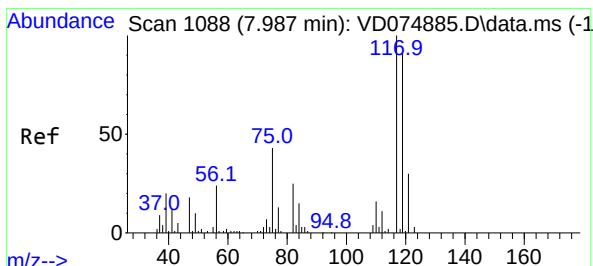
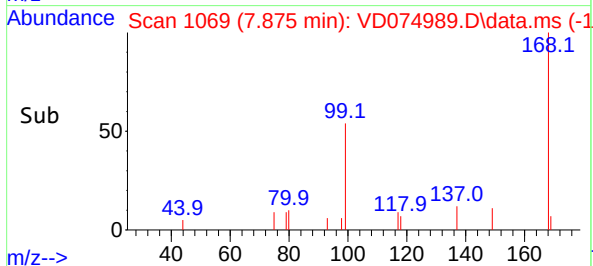
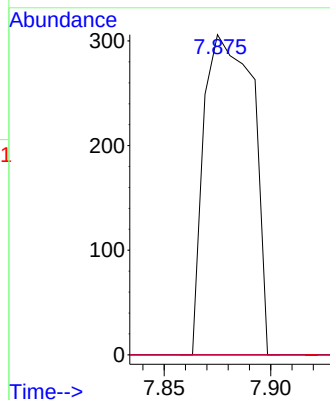
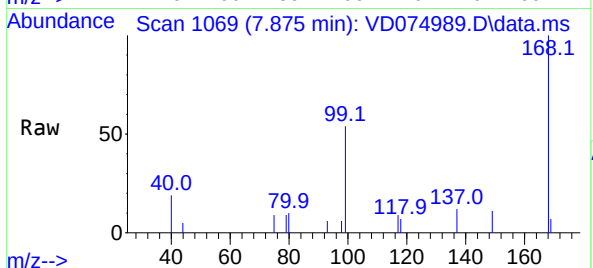
Tgt Ion: 75 Resp: 488

Ion Ratio Lower Upper

75 100

110 0.0 19.7 59.0#

77 0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 4.518 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.106 min

Lab File: VD074989.D

Acq: 18 Nov 2022 14:58

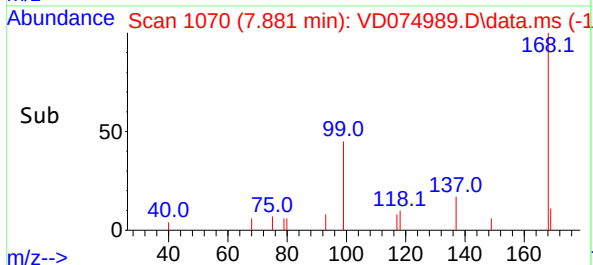
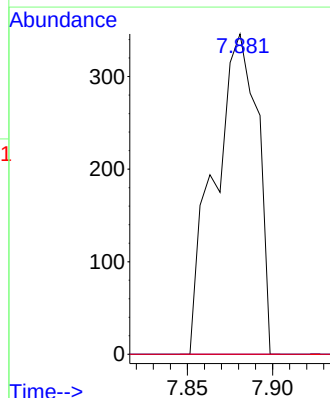
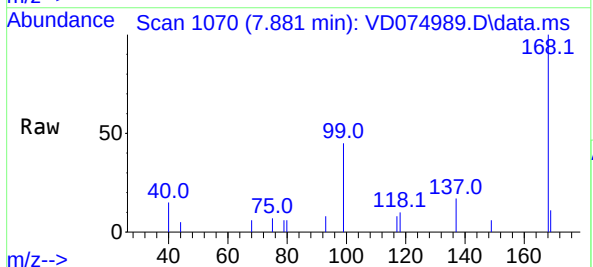
Tgt Ion: 117 Resp: 611

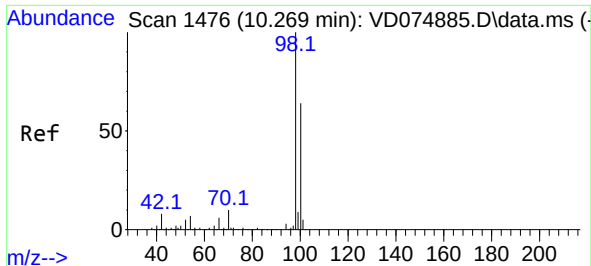
Ion Ratio Lower Upper

117 100

119 0.0 73.1 109.7#

121 0.0 25.0 37.6#

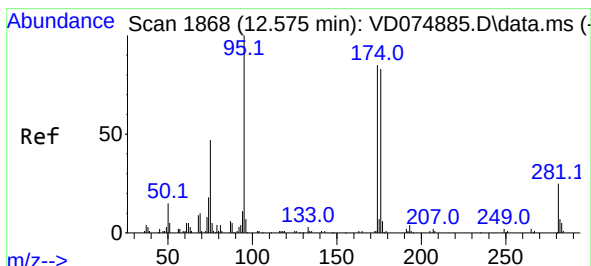
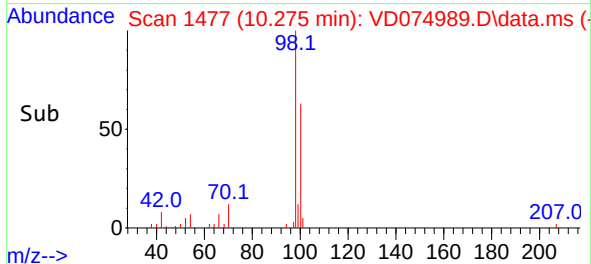
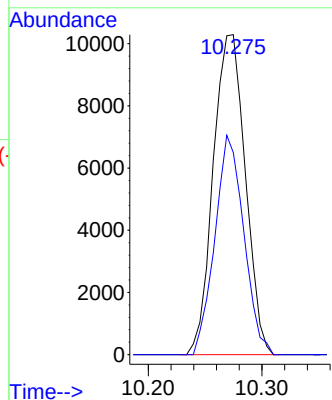
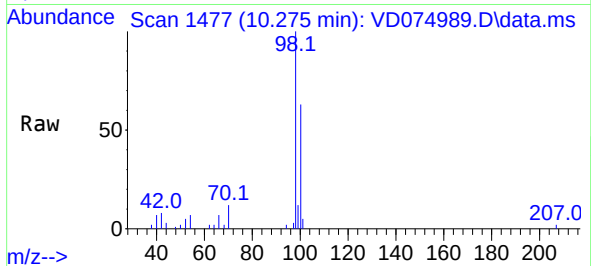




#50
Toluene-d8
Concen: 62.686 ug/l
RT: 10.275 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD074989.D
Acq: 18 Nov 2022 14:58

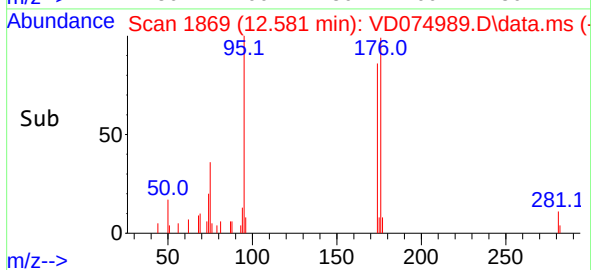
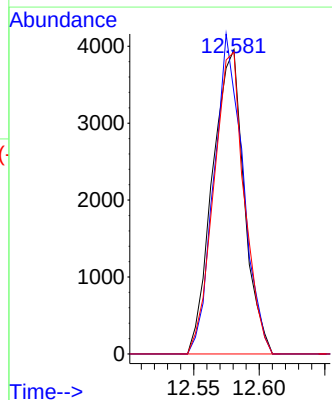
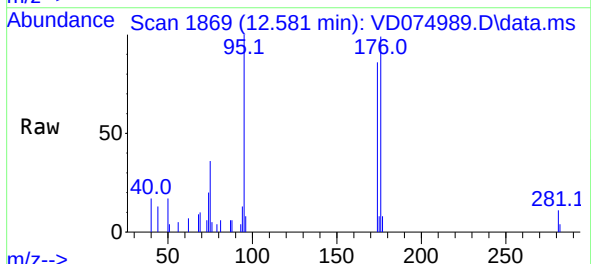
Instrument :
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ClientSampleId :
B-1RE

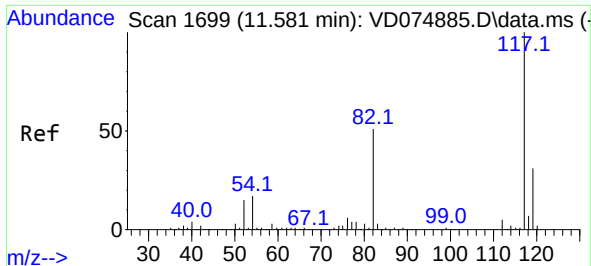
Tgt Ion: 98 Resp: 20184
Ion Ratio Lower Upper
98 100
100 61.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 67.118 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. 0.006 min
Lab File: VD074989.D
Acq: 18 Nov 2022 14:58

Tgt Ion: 95 Resp: 6636
Ion Ratio Lower Upper
95 100
174 96.4 0.0 197.0
176 95.7 0.0 182.6

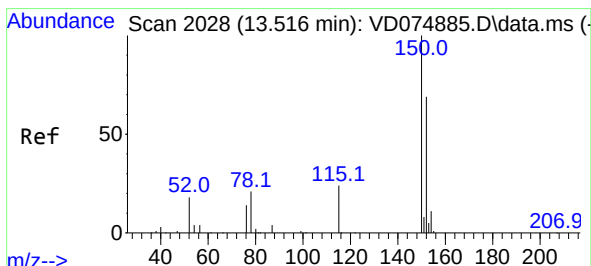
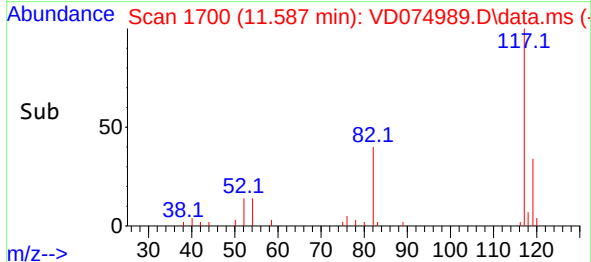
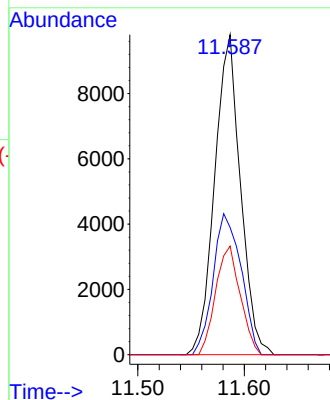
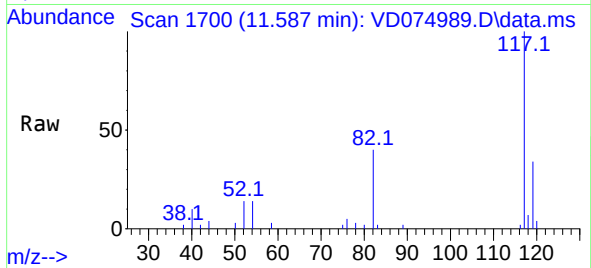




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074989.D
Acq: 18 Nov 2022 14:58

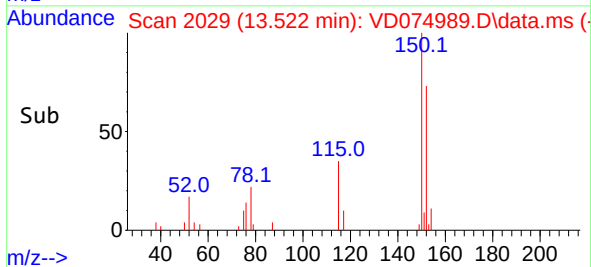
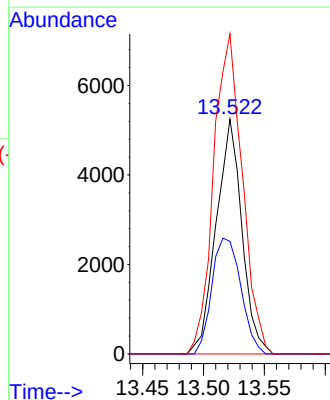
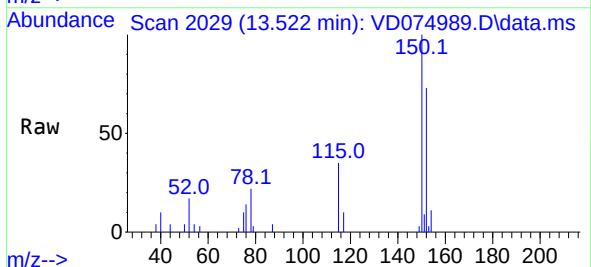
Instrument :
MSVOA_D
ClientSampleId :
B-1RE

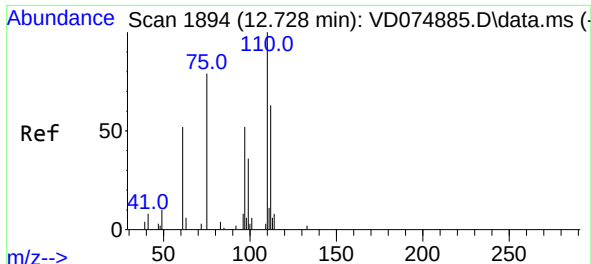
Tgt Ion:117 Resp: 16473
Ion Ratio Lower Upper
117 100
82 39.7 41.6 62.4#
119 34.0 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD074989.D
Acq: 18 Nov 2022 14:58

Tgt Ion:152 Resp: 7725
Ion Ratio Lower Upper
152 100
115 55.6 26.8 80.4
150 151.9 0.0 348.2

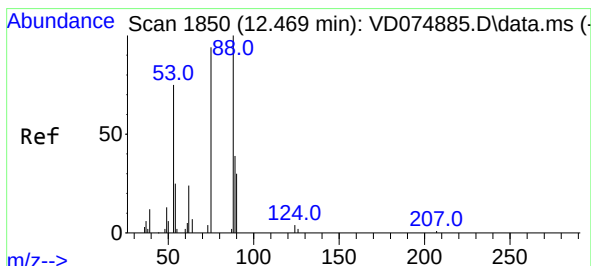
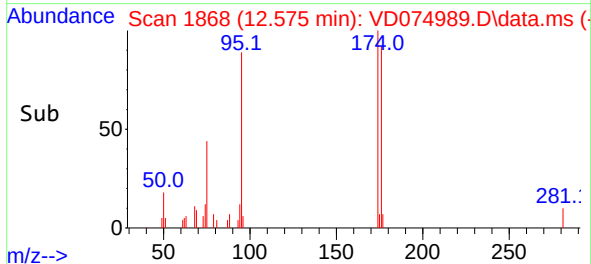
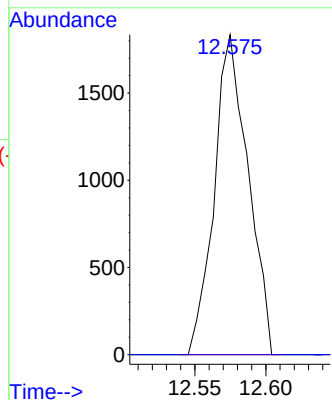
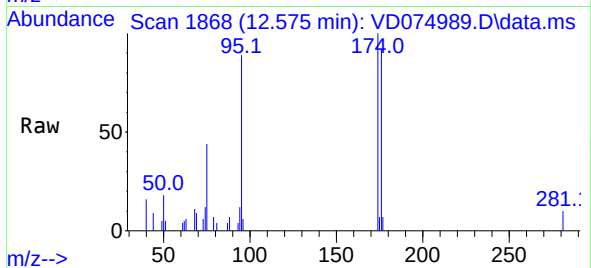




#76
1,2,3-Trichloropropane
Concen: 47.112 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD074989.D
Acq: 18 Nov 2022 14:58

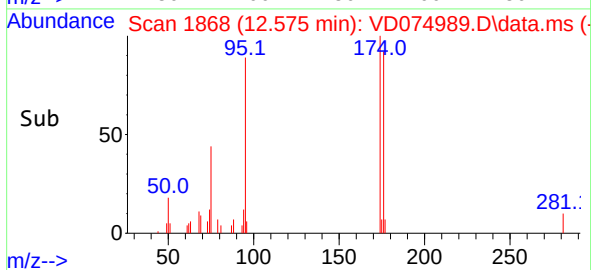
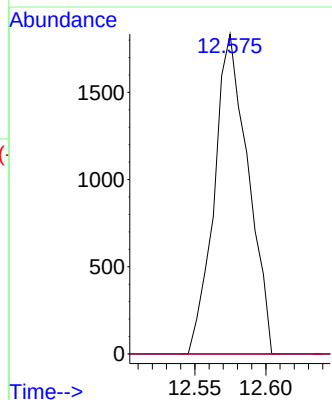
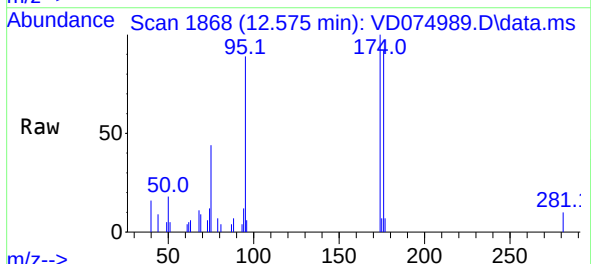
Instrument :
MSVOA_D
ClientSampleId :
B-1RE

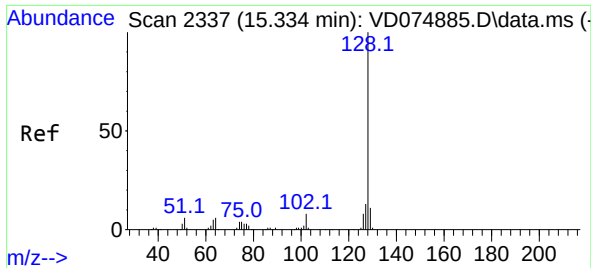
Tgt Ion: 75 Resp: 3044
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 115.897 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD074989.D
Acq: 18 Nov 2022 14:58

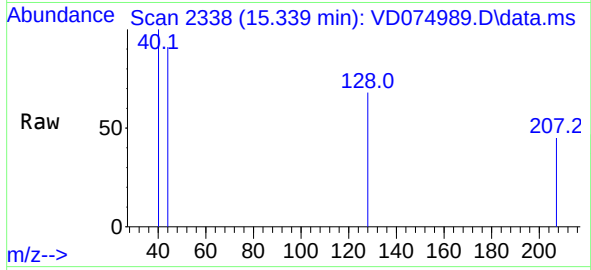
Tgt Ion: 75 Resp: 3044
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#





#95
 Naphthalene
 Concen: 1.661 ug/l
 RT: 15.339 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: VD074989.D
 Acq: 18 Nov 2022 14:58

Instrument :
 MSVOA_D
 ClientSampleId :
 B-1RE



Tgt Ion:	128	Resp:	413
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.3	12.5#

