

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013023\
 Data File : VD075238.D
 Acq On : 30 Jan 2023 15:20
 Operator : KP/SY
 Sample : 01348-04
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MID1-H5(21-22)

Quant Time: Jan 31 00:22:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

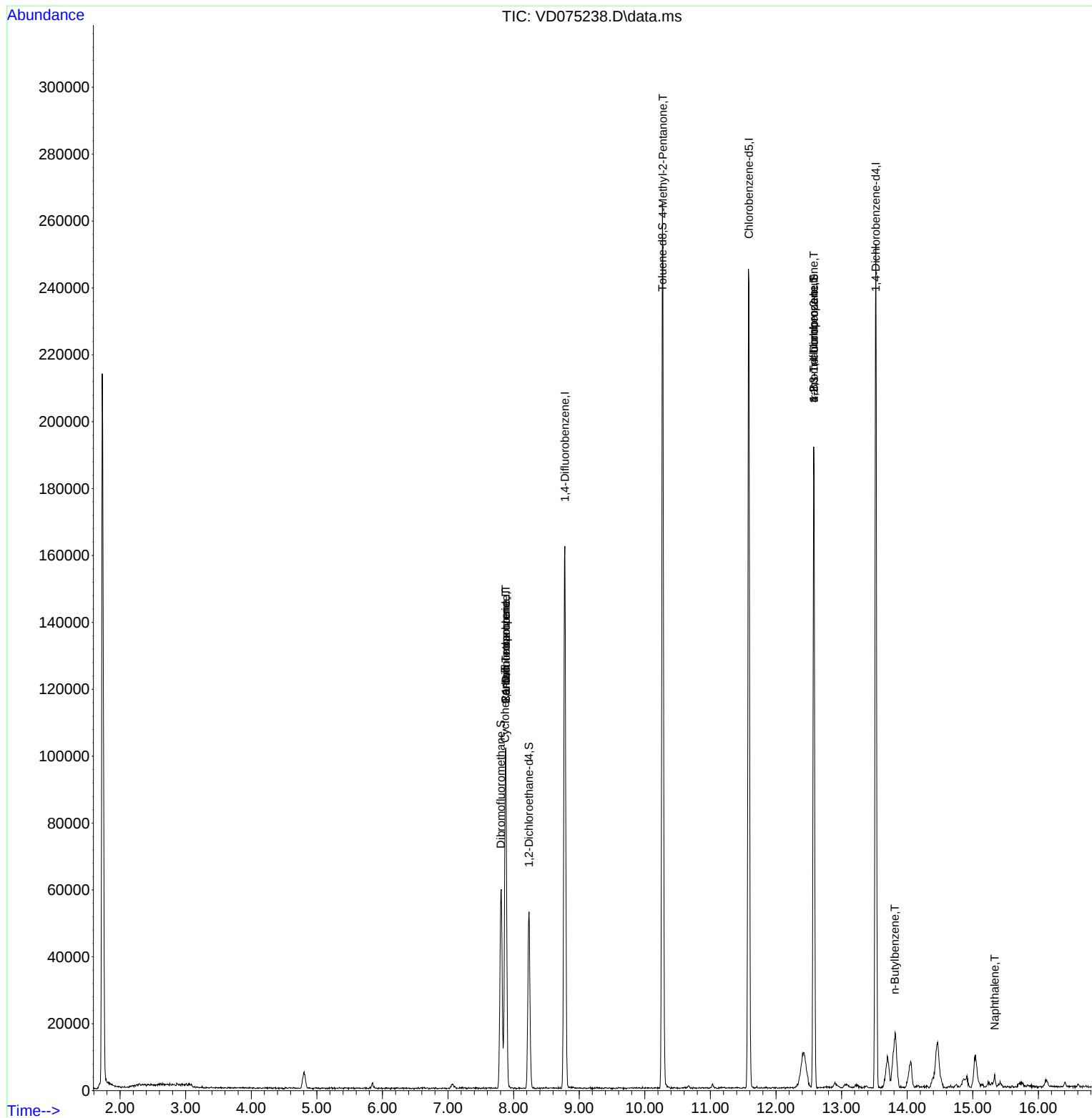
Internal Standards						
1) Pentafluorobenzene	7.881	168	77524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	141083	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	136927	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	65028	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	40032	50.605	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.200%	
35) Dibromofluoromethane	7.805	113	43221	50.698	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.400%	
50) Toluene-d8	10.269	98	174794	52.073	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.140%	
62) 4-Bromofluorobenzene	12.575	95	61691	57.909	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 115.820%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.799	84	3844	Below Cal	#	87
31) Cyclohexane	7.869	56	1840	1.160	ug/l #	35
36) 1,1-Dichloropropene	7.881	75	6659	4.862	ug/l #	49
38) Carbon Tetrachloride	7.881	117	8406	7.289	ug/l #	14
51) 4-Methyl-2-Pentanone	10.275	43	883	1.712	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	32512	59.033	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	32512	136.933	ug/l #	14
89) n-Butylbenzene	13.810	91	5895	1.336	ug/l #	68
95) Naphthalene	15.334	128	3404	1.338	ug/l #	82

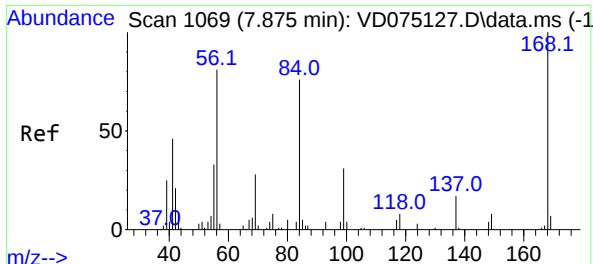
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MID1-H5(21-22)

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Quant Title : SW846 8260
QLast Update : Thu Jan 19 01:32:27 2023
Response via : Initial Calibration

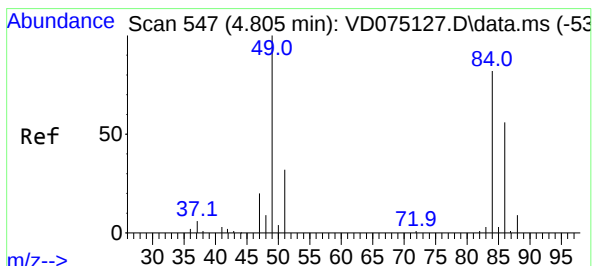
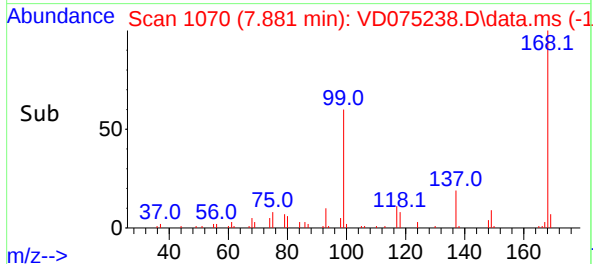
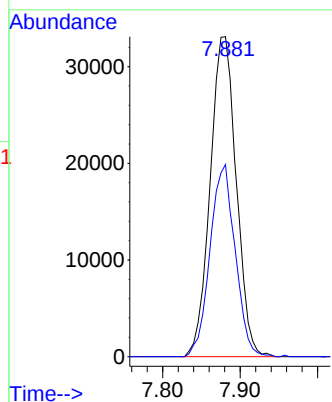
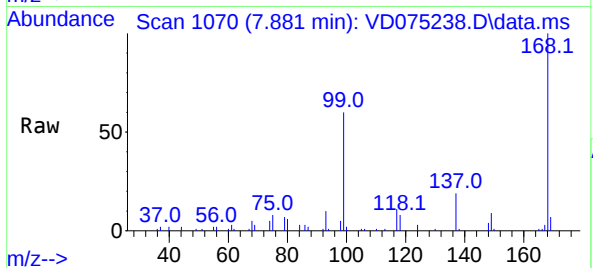




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075238.D
Acq: 30 Jan 2023 15:20

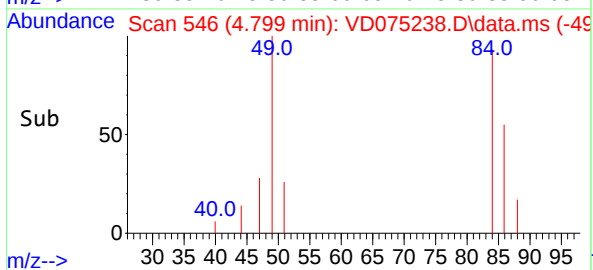
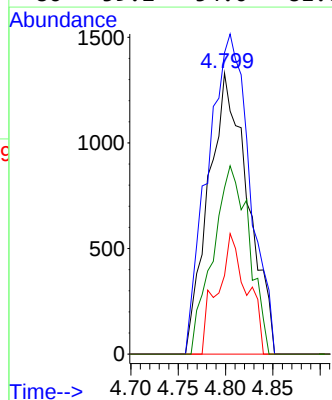
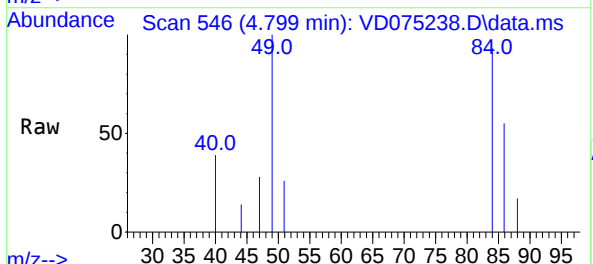
Instrument :
MSVOA_D
ClientSampleId :
MID1-H5(21-22)

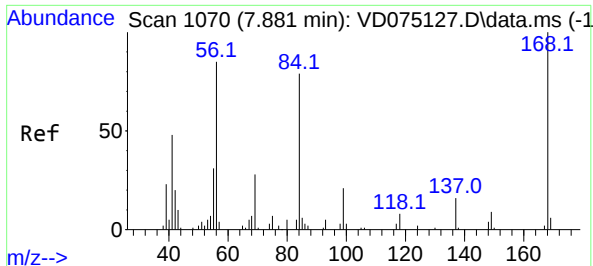
Tgt Ion:168 Resp: 77524
Ion Ratio Lower Upper
168 100
99 60.0 45.2 67.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075238.D
Acq: 30 Jan 2023 15:20

Tgt Ion: 84 Resp: 3844
Ion Ratio Lower Upper
84 100
49 107.3 97.0 145.6
51 28.0 30.9 46.3#
86 59.2 54.0 81.0

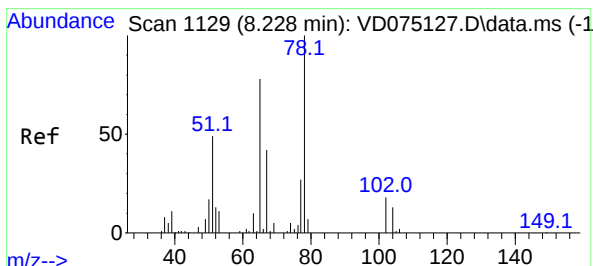
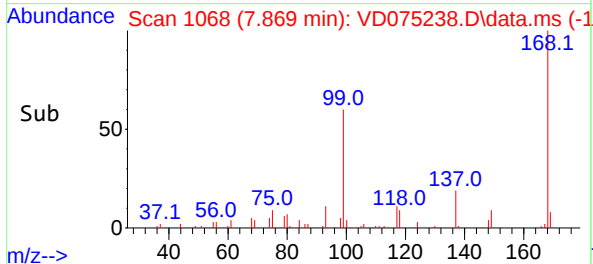
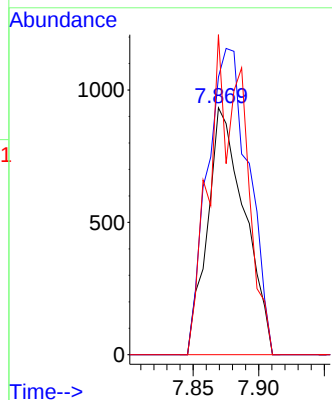
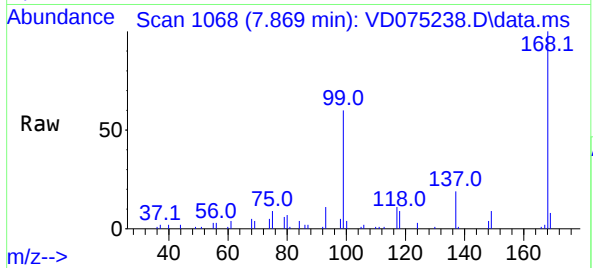




#31
Cyclohexane
Concen: 1.160 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD075238.D
Acq: 30 Jan 2023 15:20

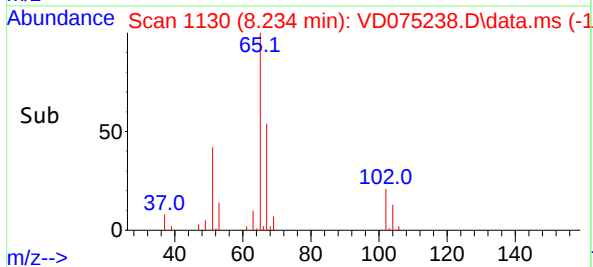
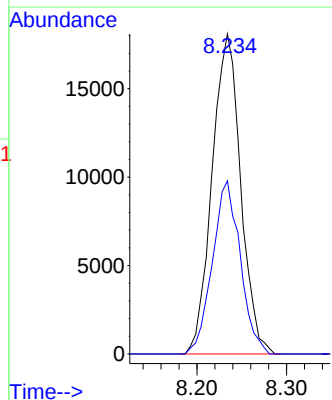
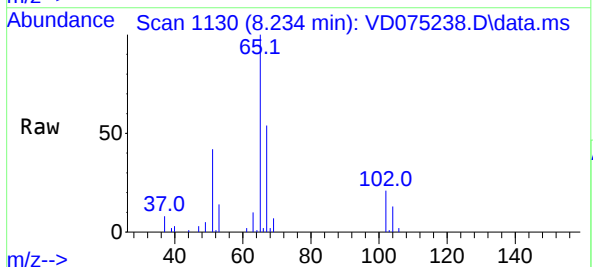
Instrument :
MSVOA_D
ClientSampleId :
MID1-H5(21-22)

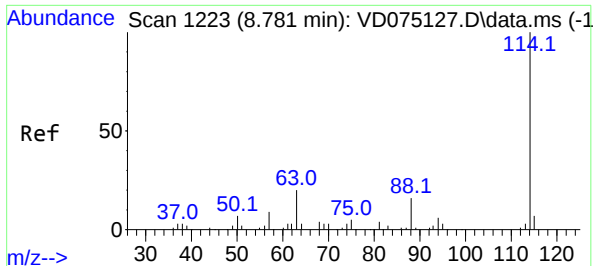
Tgt Ion: 56 Resp: 1840
Ion Ratio Lower Upper
56 100
69 112.4 26.6 40.0#
84 129.6 74.1 111.1#



#33
1,2-Dichloroethane-d4
Concen: 50.605 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD075238.D
Acq: 30 Jan 2023 15:20

Tgt Ion: 65 Resp: 40032
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.2

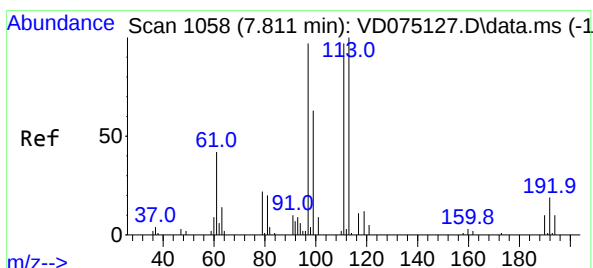
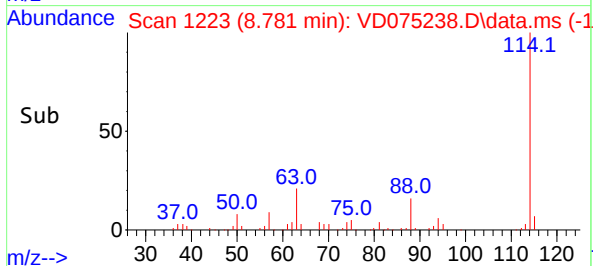
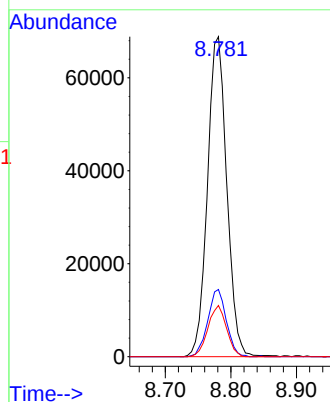
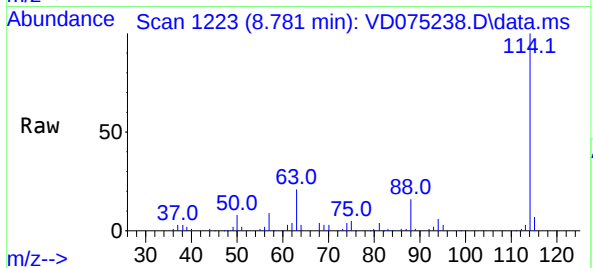




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075238.D
Acq: 30 Jan 2023 15:20

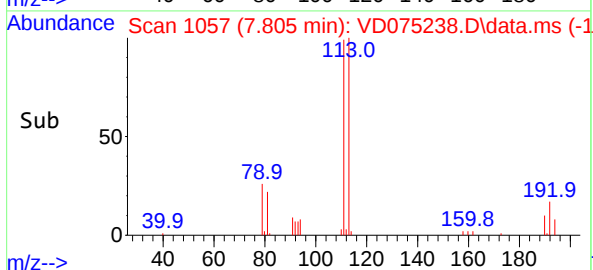
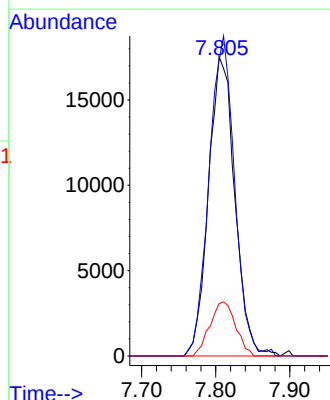
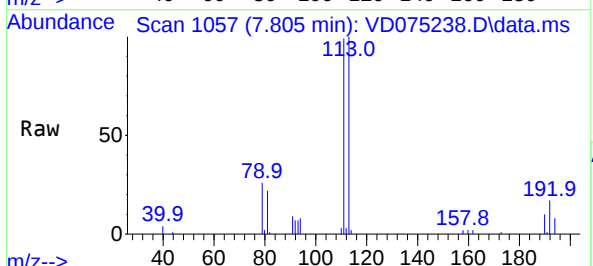
Instrument :
MSVOA_D
ClientSampleId :
MID1-H5(21-22)

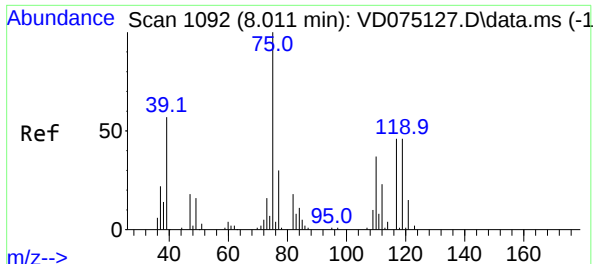
Tgt Ion:114 Resp: 141083
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.2
88 16.0 0.0 32.2



#35
Dibromofluoromethane
Concen: 50.698 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD075238.D
Acq: 30 Jan 2023 15:20

Tgt Ion:113 Resp: 43221
Ion Ratio Lower Upper
113 100
111 104.4 80.1 120.1
192 17.7 15.4 23.0

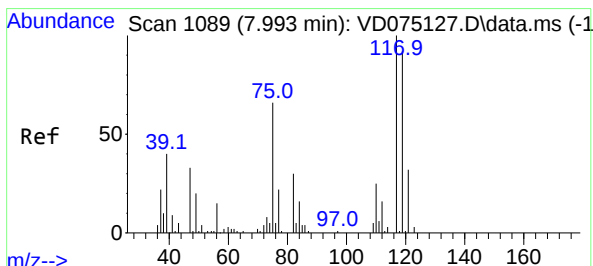
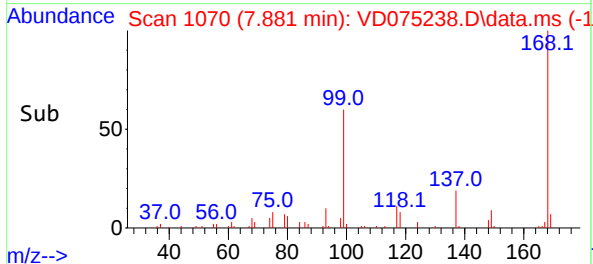
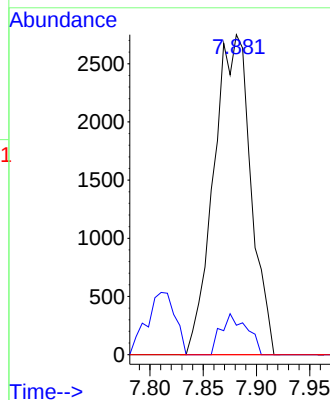
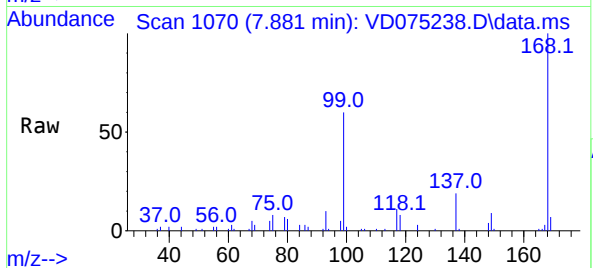




#36
1,1-Dichloropropene
Concen: 4.862 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.129 min
Lab File: VD075238.D
Acq: 30 Jan 2023 15:20

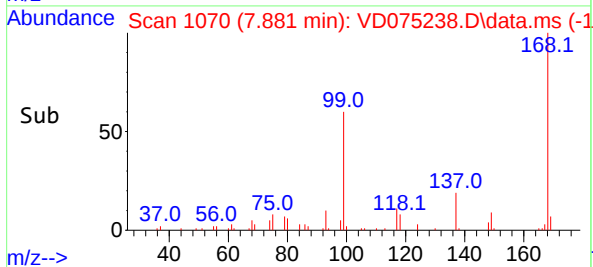
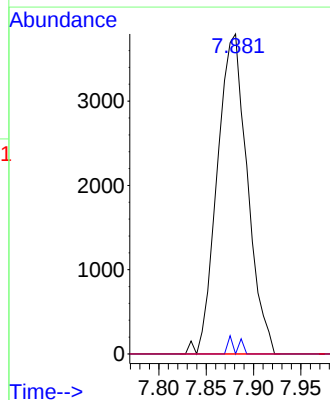
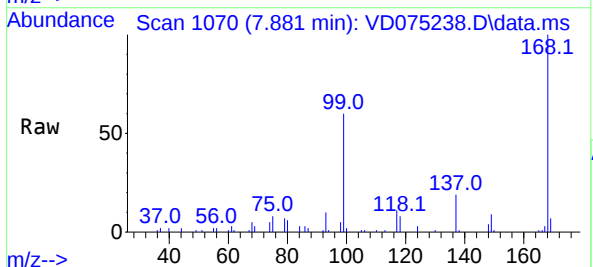
Instrument :
MSVOA_D
ClientSampleId :
MID1-H5(21-22)

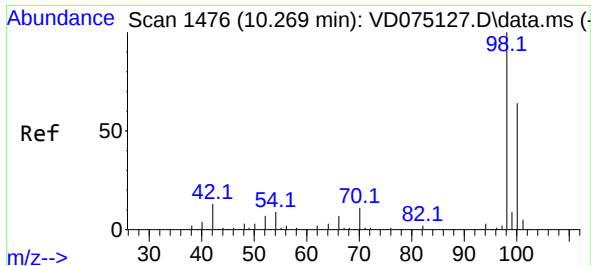
Tgt Ion: 75 Resp: 6659
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.4#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 7.289 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.112 min
Lab File: VD075238.D
Acq: 30 Jan 2023 15:20

Tgt Ion: 117 Resp: 8406
Ion Ratio Lower Upper
117 100
119 0.0 73.6 110.4#
121 0.0 25.4 38.0#

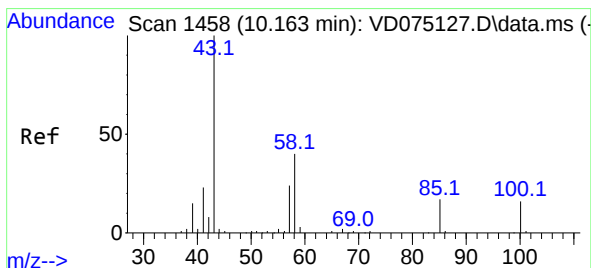
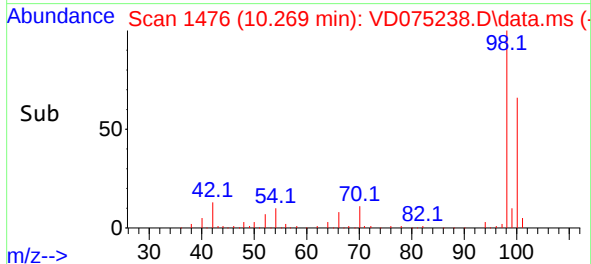
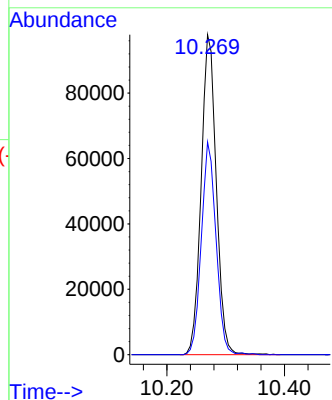
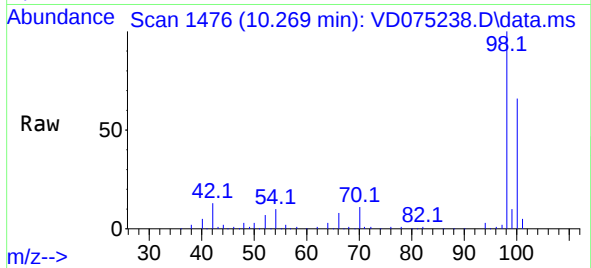




#50
Toluene-d8
Concen: 52.073 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075238.D
Acq: 30 Jan 2023 15:20

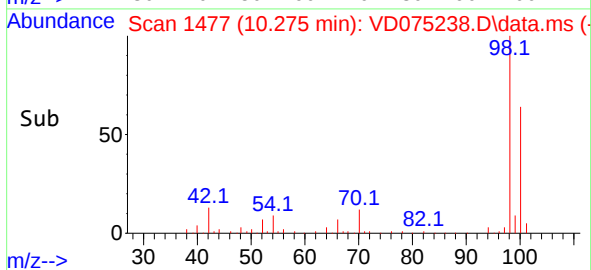
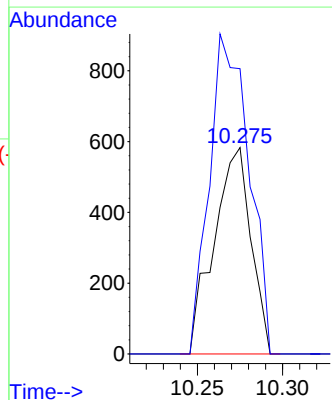
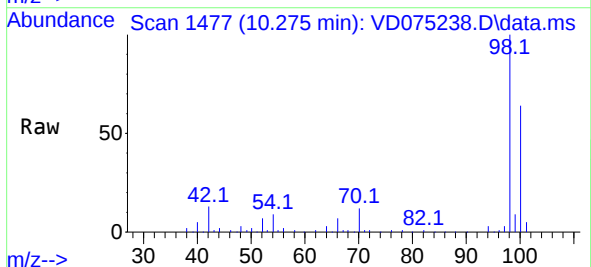
Instrument :
MSVOA_D
ClientSampleId :
MID1-H5(21-22)

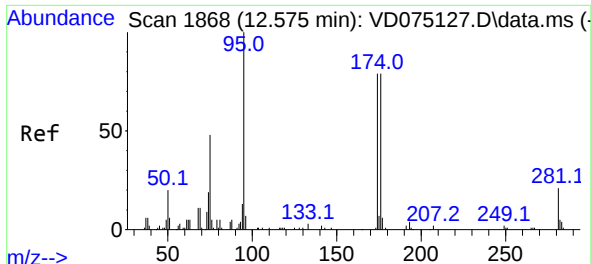
Tgt Ion: 98 Resp: 174794
Ion Ratio Lower Upper
98 100
100 64.8 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 1.712 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.112 min
Lab File: VD075238.D
Acq: 30 Jan 2023 15:20

Tgt Ion: 43 Resp: 883
Ion Ratio Lower Upper
43 100
58 165.2 31.4 47.0#

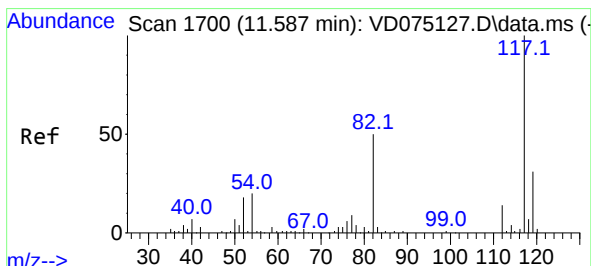
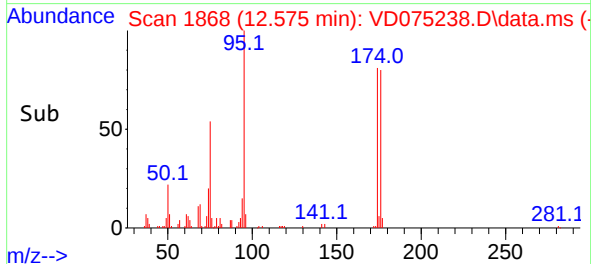
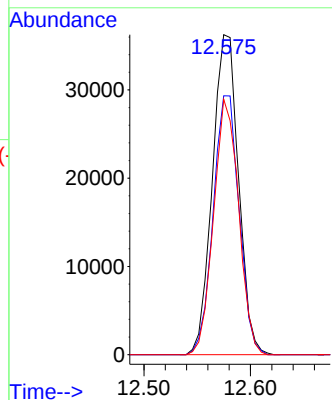
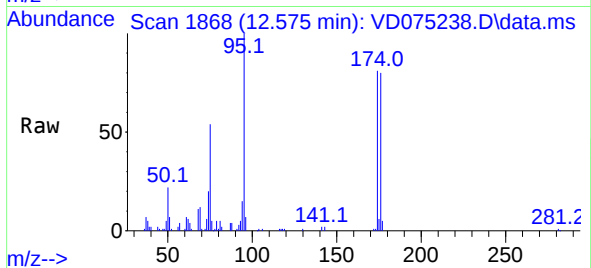




#62
4-Bromofluorobenzene
Concen: 57.909 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075238.D
Acq: 30 Jan 2023 15:20

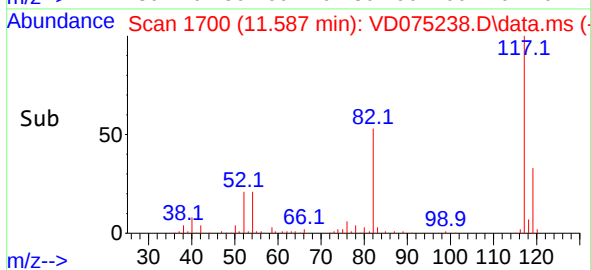
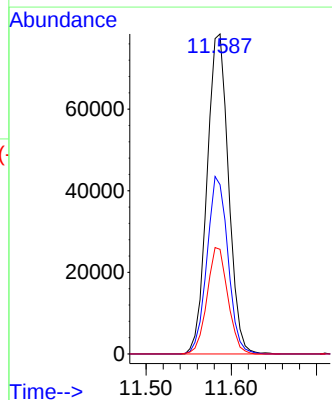
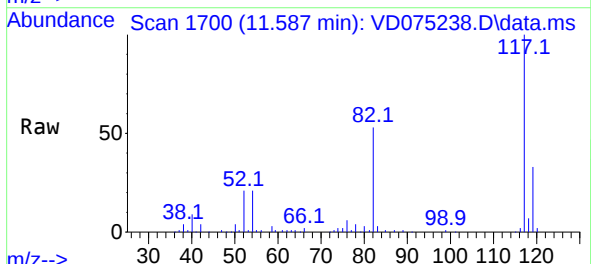
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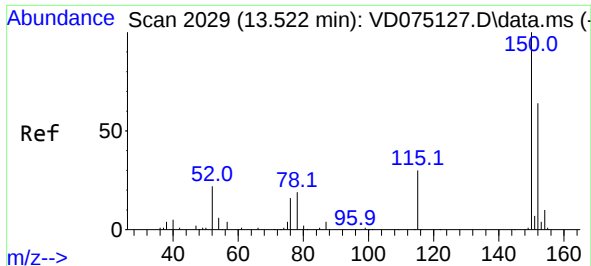
Tgt Ion:	95	Resp:	61691
Ion	Ratio	Lower	Upper
95	100		
174	80.4	0.0	161.2
176	76.5	0.0	160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VD075238.D
Acq: 30 Jan 2023 15:20

Tgt Ion:	117	Resp:	136927
Ion	Ratio	Lower	Upper
117	100		
82	52.9	39.6	59.4
119	32.7	24.6	37.0

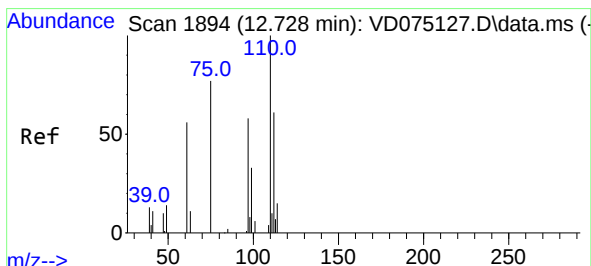
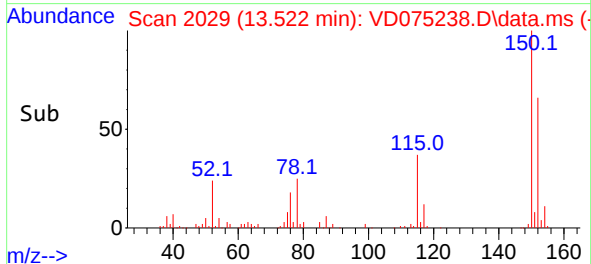
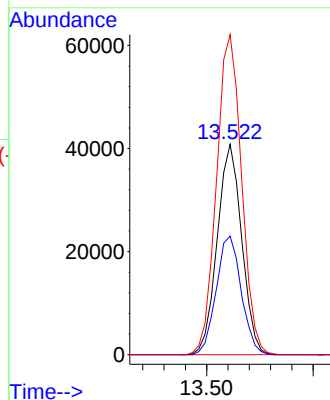
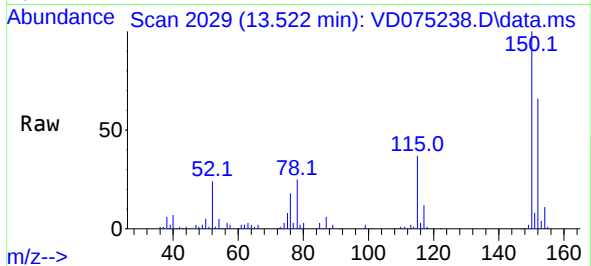




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075238.D
Acq: 30 Jan 2023 15:20

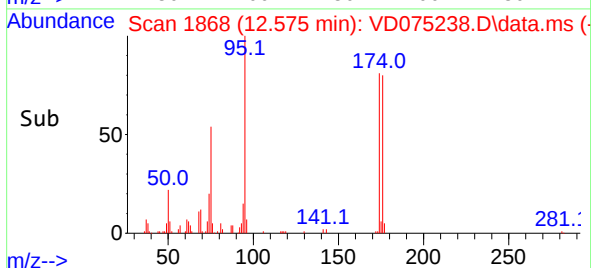
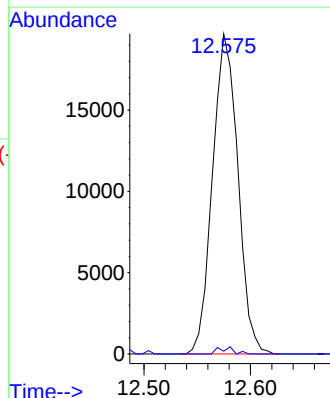
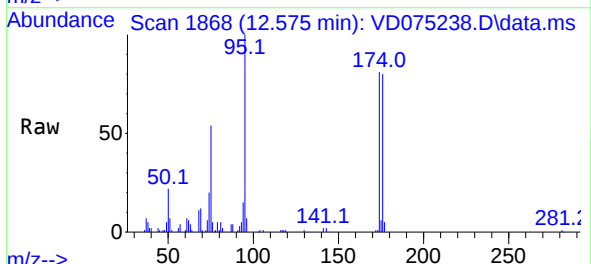
Instrument :
MSVOA_D
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MID1-H5(21-22)

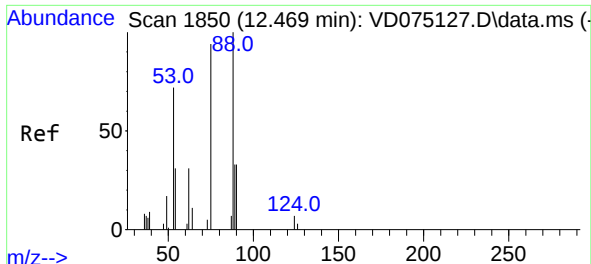
Tgt Ion:152 Resp: 65028
Ion Ratio Lower Upper
152 100
115 57.5 28.8 86.4
150 155.6 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 59.033 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075238.D
Acq: 30 Jan 2023 15:20

Tgt Ion: 75 Resp: 32512
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

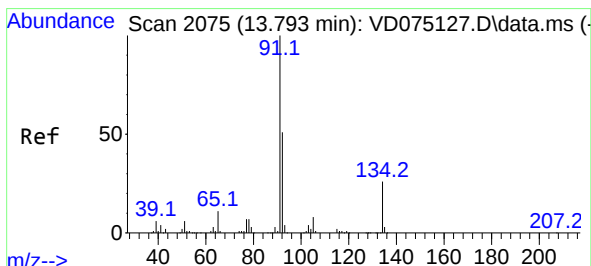
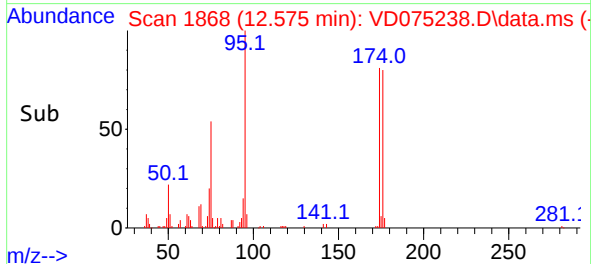
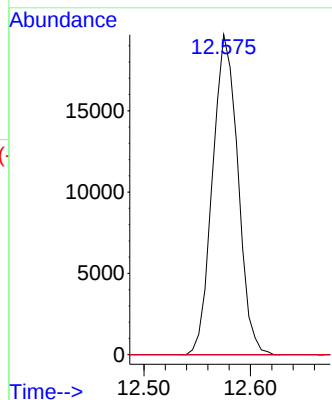
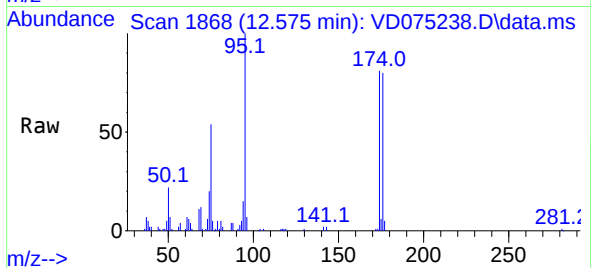




#81
trans-1,4-Dichloro-2-butene
Concen: 136.933 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075238.D
Acq: 30 Jan 2023 15:20

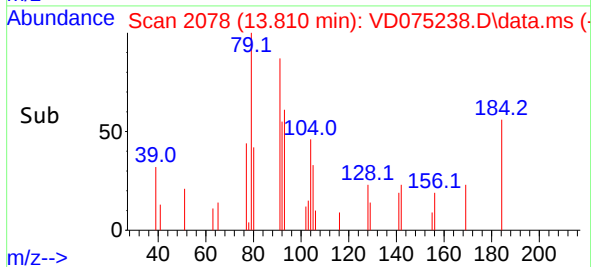
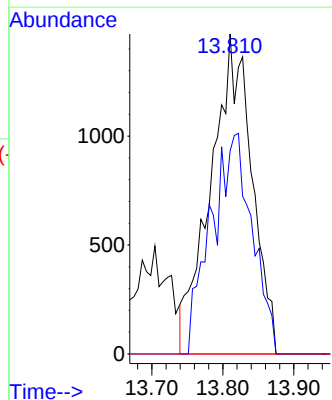
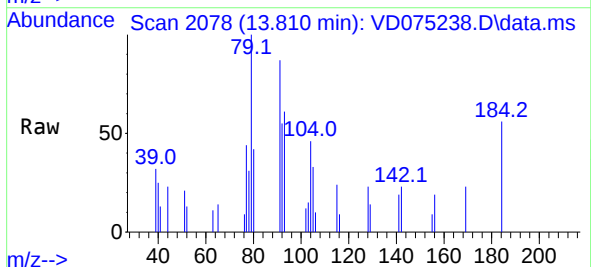
Instrument :
MSVOA_D
ClientSampleId :
MID1-H5(21-22)

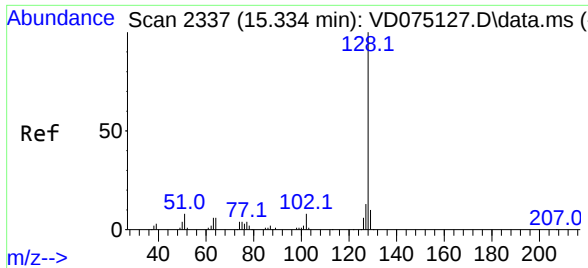
Tgt Ion: 75 Resp: 32512
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#



#89
n-Butylbenzene
Concen: 1.336 ug/l
RT: 13.810 min Scan# 2078
Delta R.T. 0.018 min
Lab File: VD075238.D
Acq: 30 Jan 2023 15:20

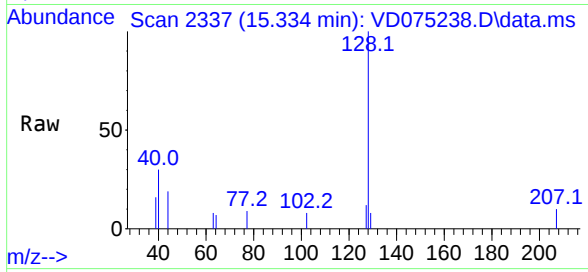
Tgt Ion: 91 Resp: 5895
Ion Ratio Lower Upper
91 100
92 69.2 26.8 80.3
134 0.0 13.3 39.8#





#95
Naphthalene
Concen: 1.338 ug/l
RT: 15.334 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD075238.D
Acq: 30 Jan 2023 15:20

Instrument :
MSVOA_D
ClientSampleId :
MID1-H5(21-22)



Tgt Ion:128 Resp: 3404

Ion	Ratio	Lower	Upper
128	100		
127	6.0	10.6	15.8#
129	4.0	8.7	13.1#

