

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060823\
 Data File : VD076374.D
 Acq On : 08 Jun 2023 15:29
 Operator : KP/SY
 Sample : 03049-03
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-03-060523

Quant Time: Jun 08 16:17:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:52:23 2023
 Response via : Initial Calibration

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

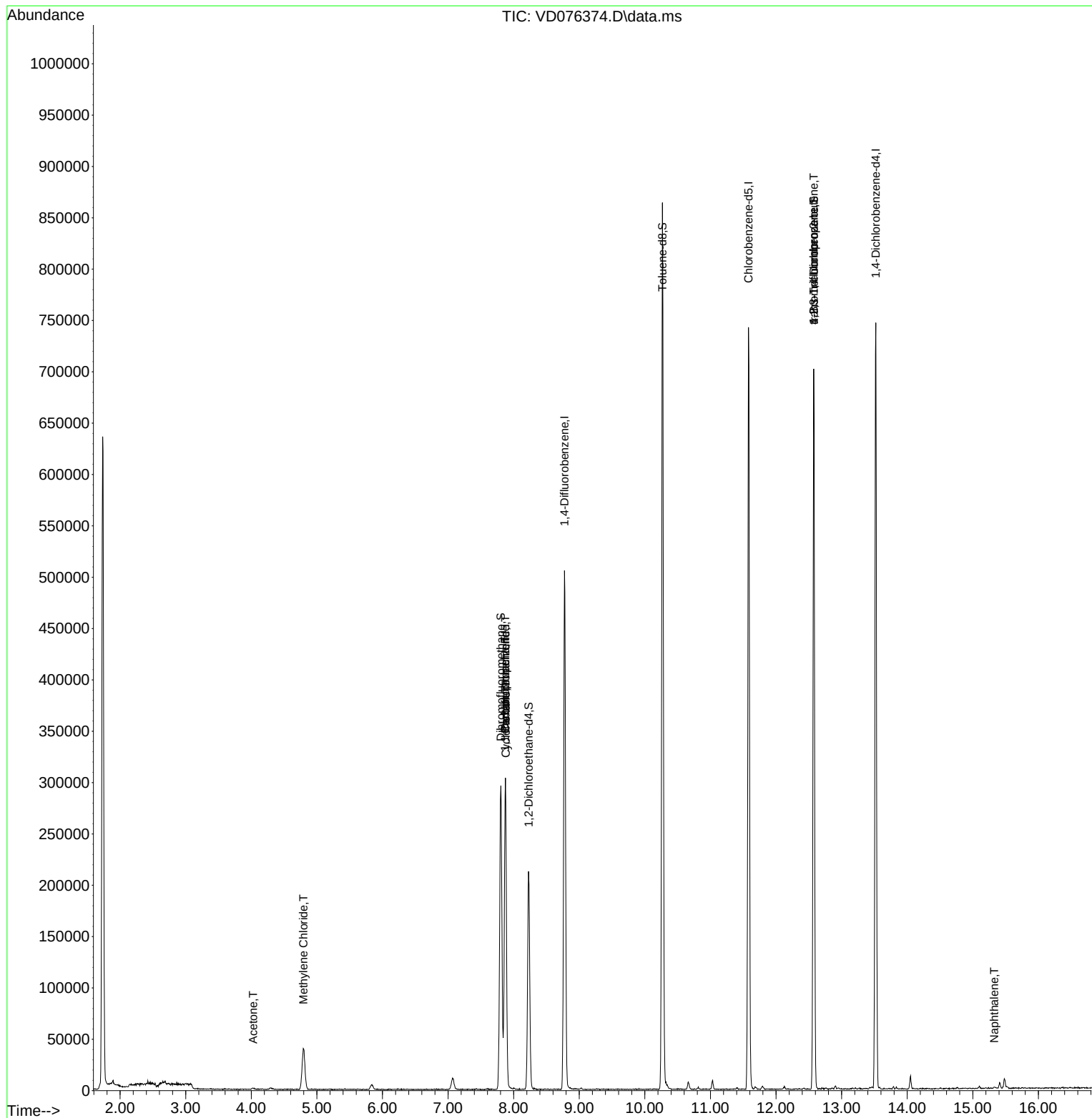
Internal Standards						
1) Pentafluorobenzene	7.875	168	256594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	491981	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	474275	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	222346	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	160465	69.796	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.600%	
35) Dibromofluoromethane	7.804	113	220109	70.463	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 140.920%	
50) Toluene-d8	10.269	98	618349	49.718	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.440%	
62) 4-Bromofluorobenzene	12.575	95	205478	62.429	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 124.860%	
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	1959	4.652	ug/l #	67
20) Methylene Chloride	4.793	84	35547	6.283	ug/l	95
28) Bromochloromethane	7.434	49	180	Below Cal	#	50
31) Cyclohexane	7.881	56	4715	1.222	ug/l #	32
36) 1,1-Dichloropropene	7.869	75	17297	3.854	ug/l #	47
38) Carbon Tetrachloride	7.875	117	21944	5.578	ug/l #	15
76) 1,2,3-Trichloropropane	12.575	75	100508	48.426	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	100508	115.982	ug/l #	17
95) Naphthalene	15.328	128	2218	3.553	ug/l #	69

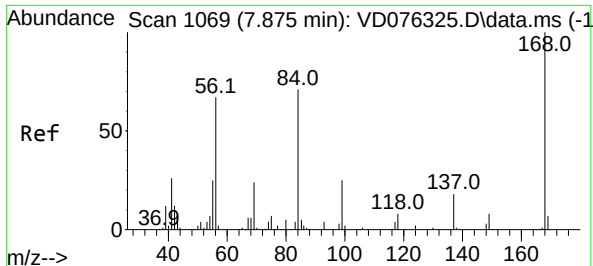
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

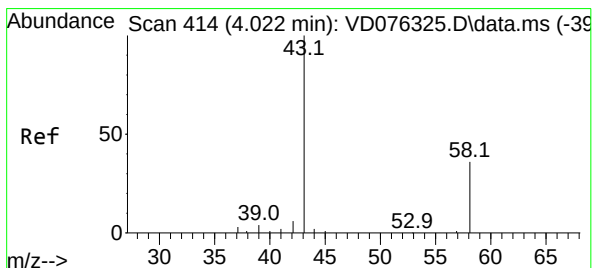
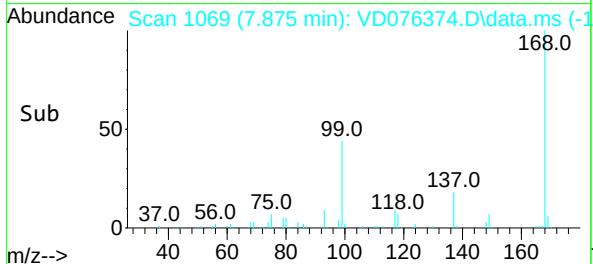
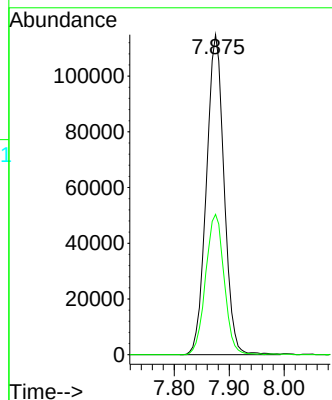
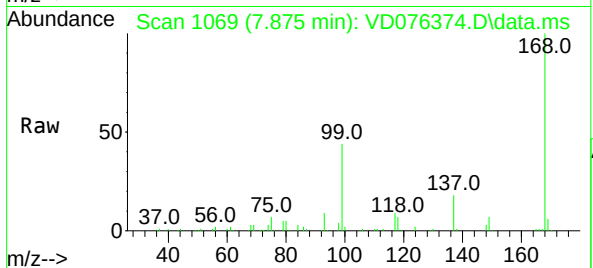




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076374.D
Acq: 08 Jun 2023 15:29

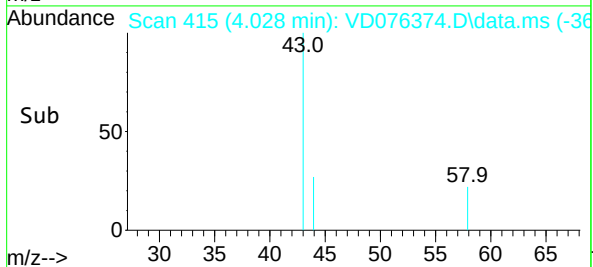
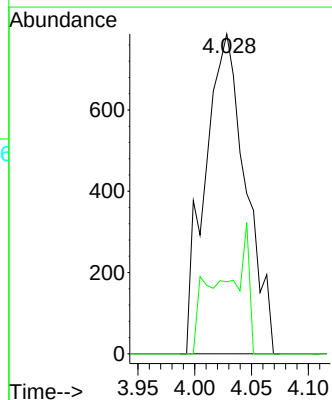
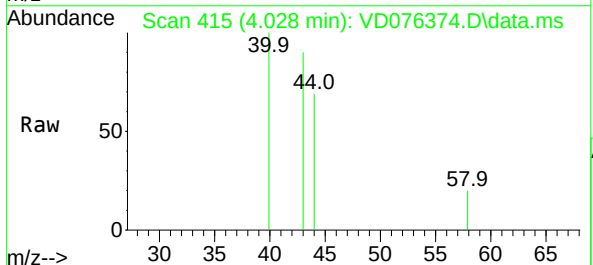
Instrument :
MSVOA_D
ClientSampleId :
HR-03-060523

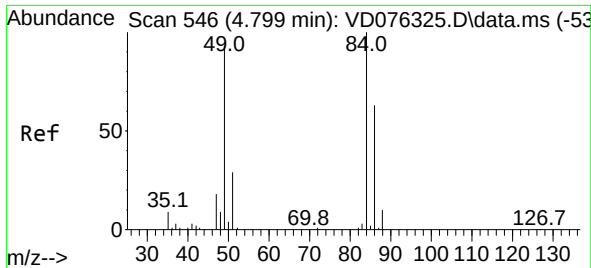
Tgt Ion:168 Resp: 256594
Ion Ratio Lower Upper
168 100
99 43.8 36.7 55.1



#16
Acetone
Concen: 4.652 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD076374.D
Acq: 08 Jun 2023 15:29

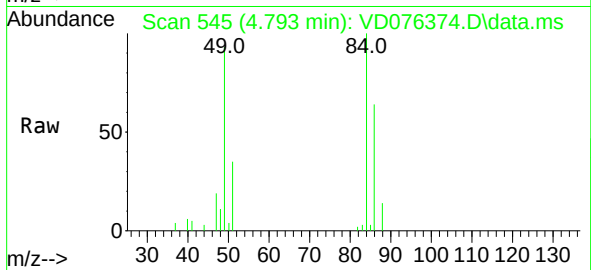
Tgt Ion: 43 Resp: 1959
Ion Ratio Lower Upper
43 100
58 22.5 34.7 52.1#



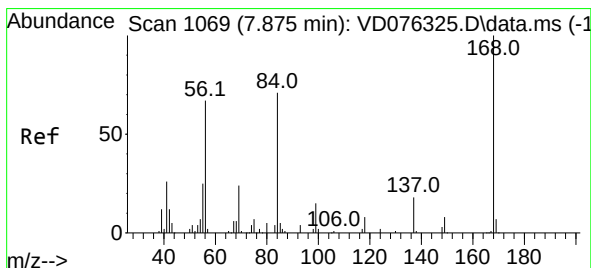
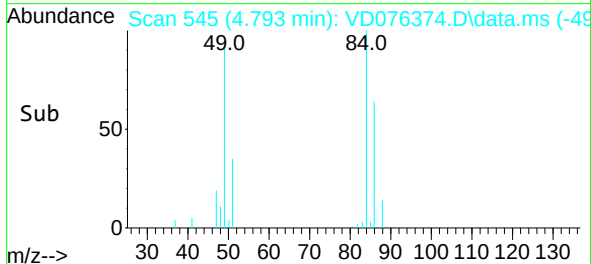
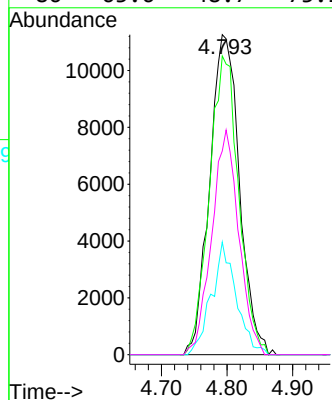


#20
Methylene Chloride
Concen: 6.283 ug/l
RT: 4.793 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD076374.D
Acq: 08 Jun 2023 15:29

Instrument :
MSVOA_D
ClientSampleId :
HR-03-060523

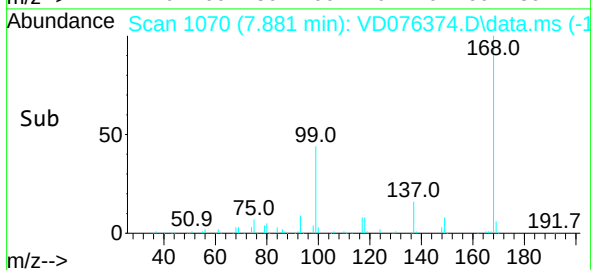
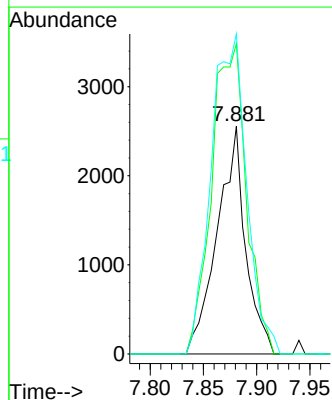
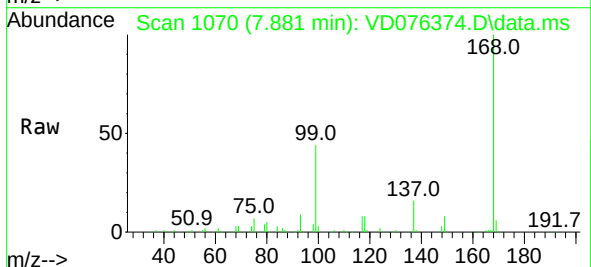


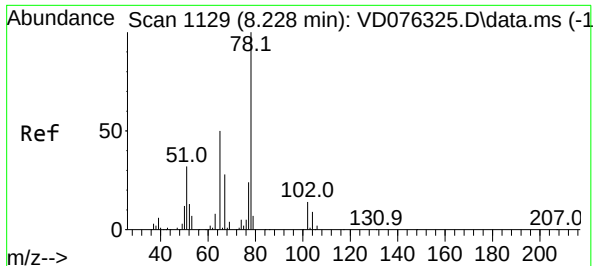
Tgt Ion:	84	Resp:	35547
Ion	Ratio	Lower	Upper
84	100		
49	93.4	71.4	107.2
51	35.2	24.5	36.7
86	63.6	48.7	73.1



#31
Cyclohexane
Concen: 1.222 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD076374.D
Acq: 08 Jun 2023 15:29

Tgt Ion:	56	Resp:	4715
Ion	Ratio	Lower	Upper
56	100		
69	136.3	28.6	43.0#
84	140.6	84.8	127.2#





#33

1,2-Dichloroethane-d4

Concen: 69.796 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076374.D

Acq: 08 Jun 2023 15:29

Instrument :

MSVOA_D

ClientSampleId :

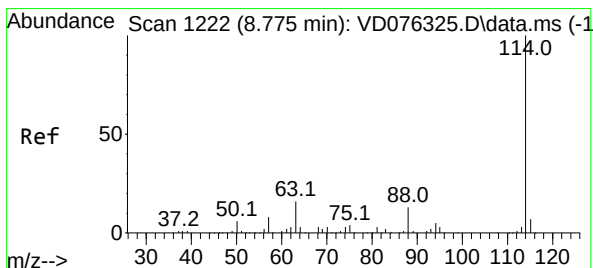
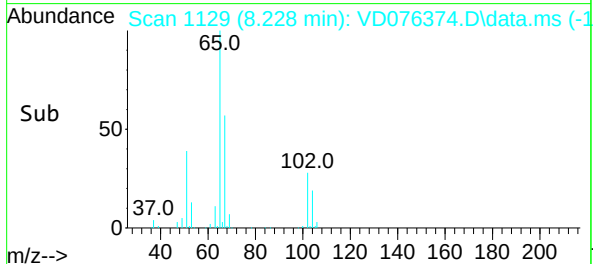
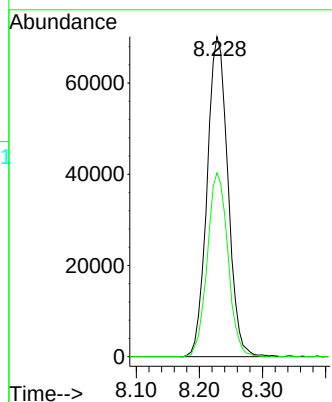
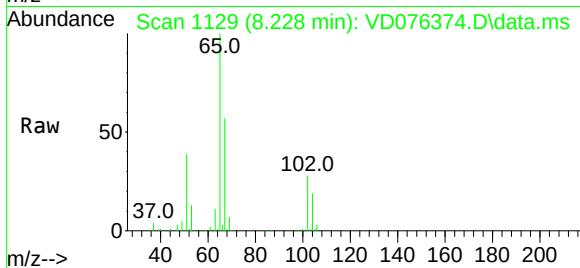
HR-03-060523

Tgt Ion: 65 Resp: 160465

Ion Ratio Lower Upper

65 100

67 56.9 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076374.D

Acq: 08 Jun 2023 15:29

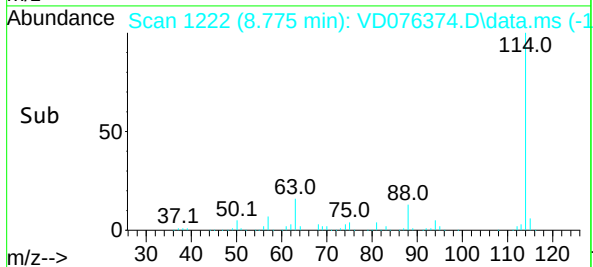
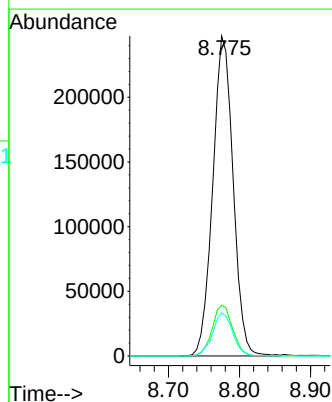
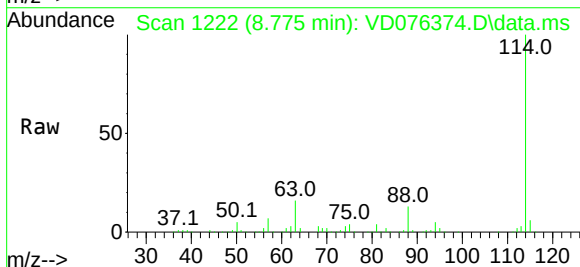
Tgt Ion: 114 Resp: 491981

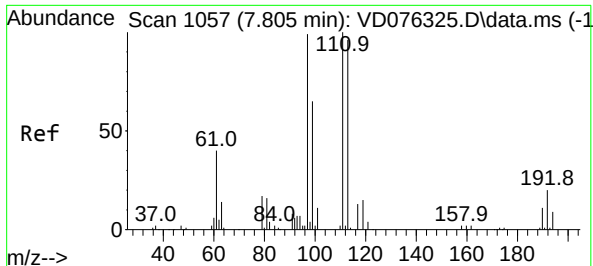
Ion Ratio Lower Upper

114 100

63 15.8 0.0 33.4

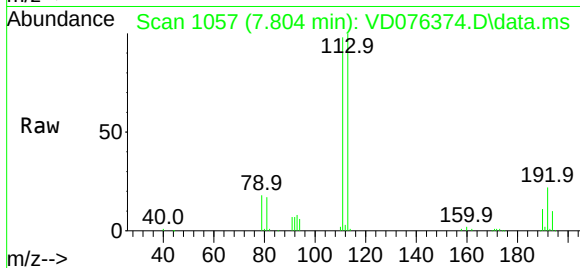
88 13.4 0.0 26.2



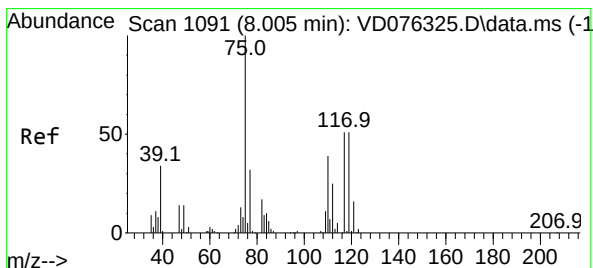
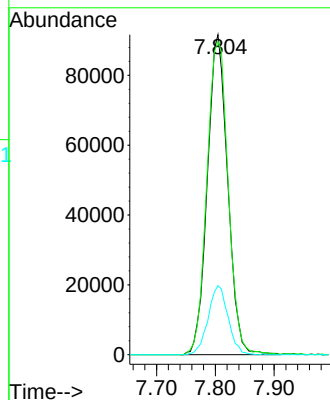
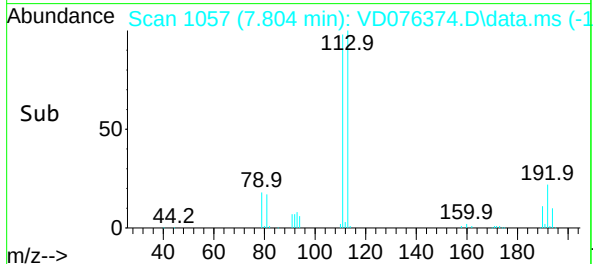


#35
Dibromofluoromethane
Concen: 70.463 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076374.D
Acq: 08 Jun 2023 15:29

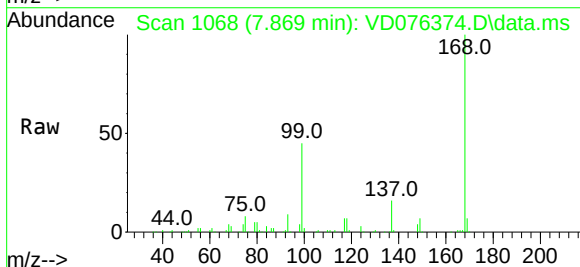
Instrument :
MSVOA_D
ClientSampleId :
HR-03-060523



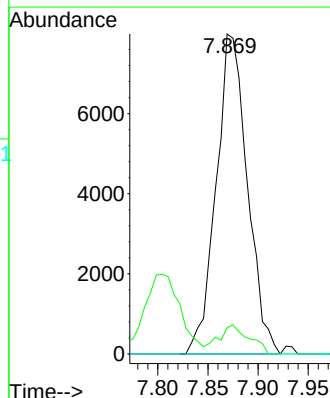
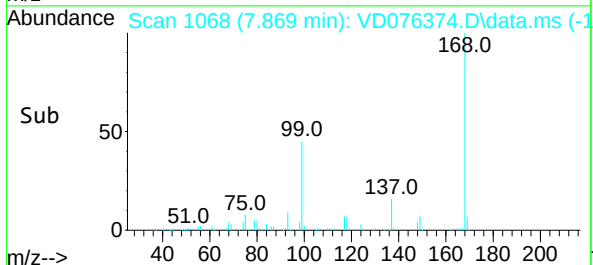
Tgt Ion:113 Resp: 220109
Ion Ratio Lower Upper
113 100
111 102.8 84.7 127.1
192 21.1 16.8 25.2

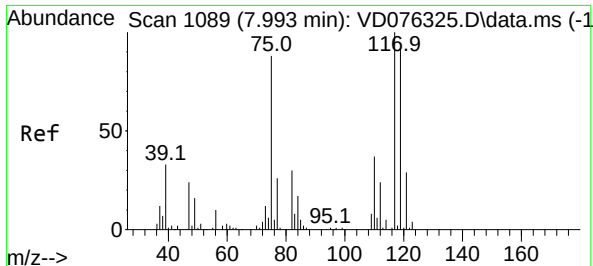


#36
1,1-Dichloropropene
Concen: 3.854 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.135 min
Lab File: VD076374.D
Acq: 08 Jun 2023 15:29



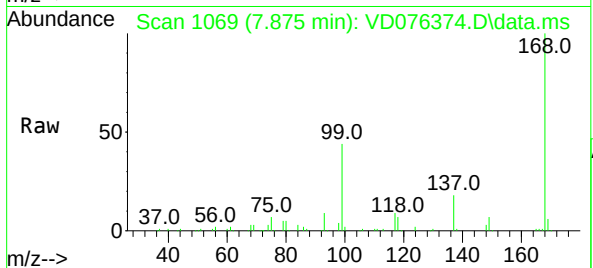
Tgt Ion: 75 Resp: 17297
Ion Ratio Lower Upper
75 100
110 8.9 19.9 59.6#
77 0.0 24.7 37.1#



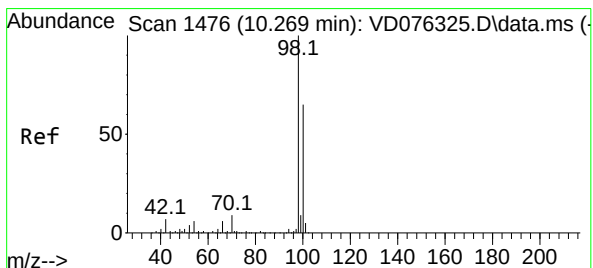
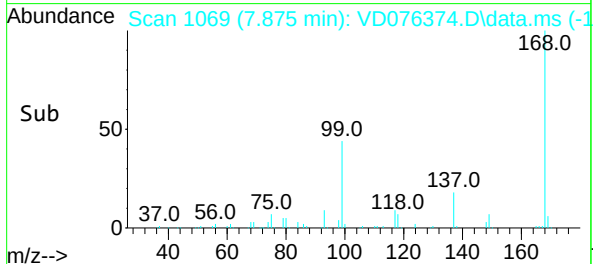
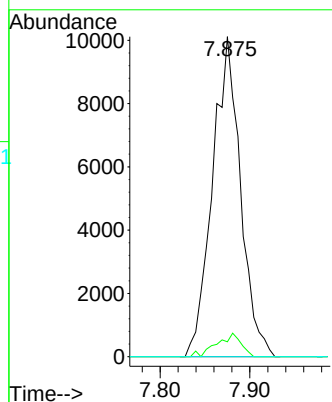


#38
Carbon Tetrachloride
Concen: 5.578 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD076374.D
Acq: 08 Jun 2023 15:29

Instrument :
MSVOA_D
ClientSampleId :
HR-03-060523

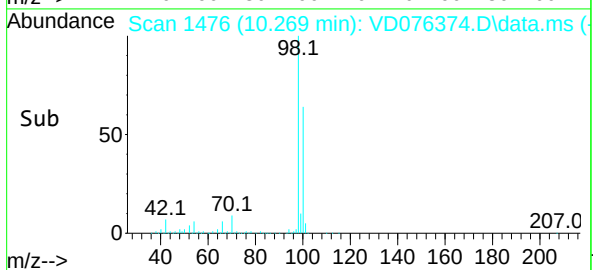
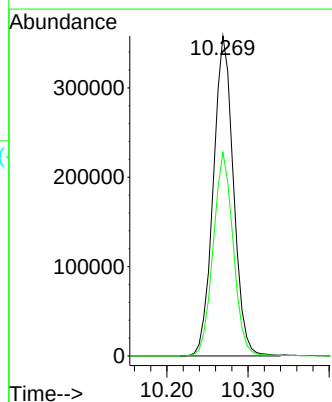
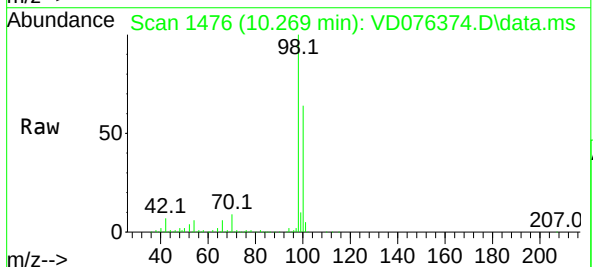


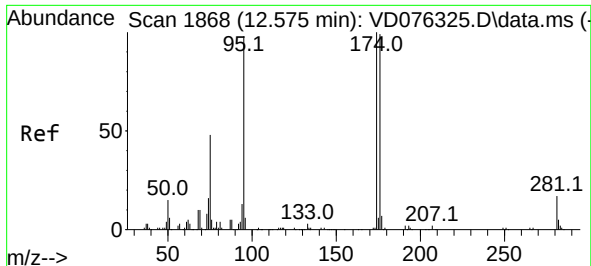
Tgt Ion:117 Resp: 21944
Ion Ratio Lower Upper
117 100
119 4.7 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.718 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076374.D
Acq: 08 Jun 2023 15:29

Tgt Ion: 98 Resp: 618349
Ion Ratio Lower Upper
98 100
100 63.2 50.3 75.5

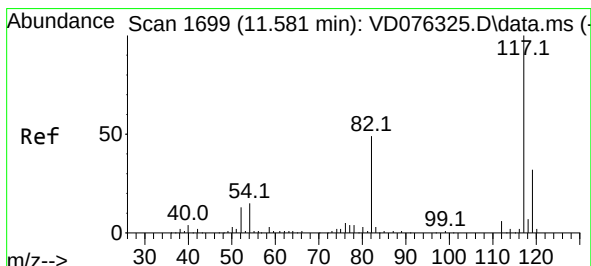
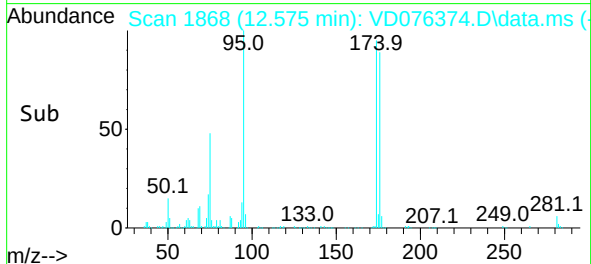
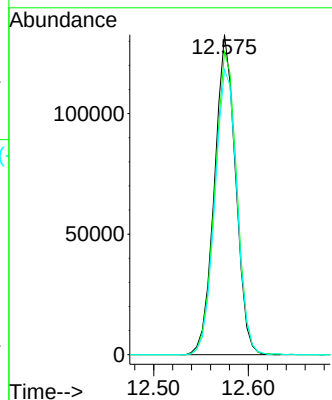
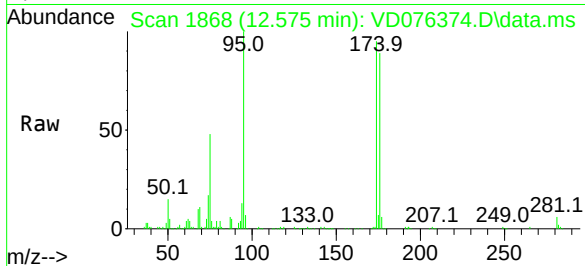




#62
4-Bromofluorobenzene
Concen: 62.429 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076374.D
Acq: 08 Jun 2023 15:29

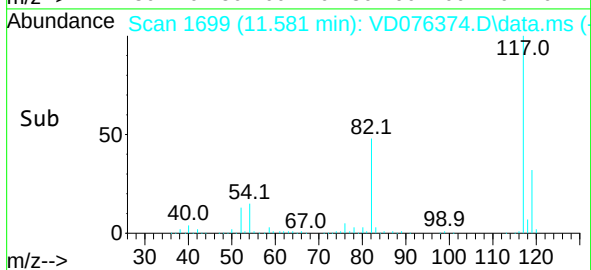
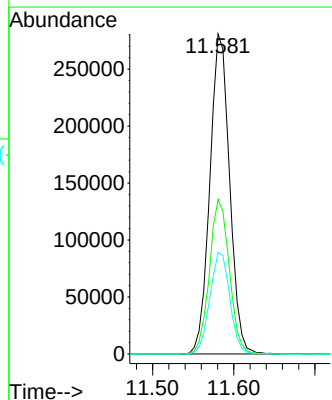
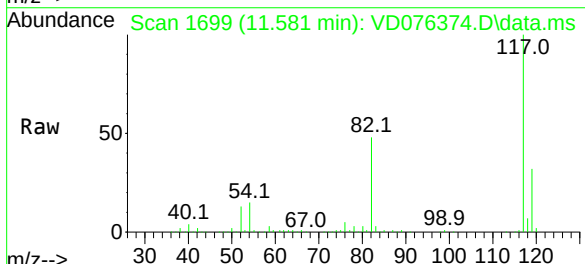
Instrument :
MSVOA_D
ClientSampleId :
HR-03-060523

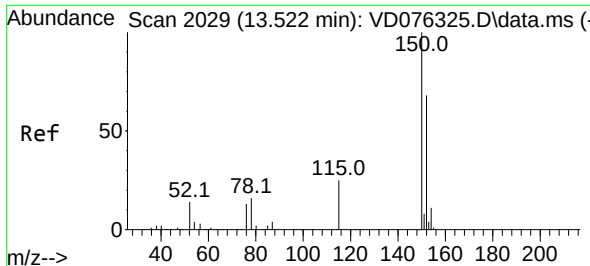
Tgt Ion: 95 Resp: 205478
Ion Ratio Lower Upper
95 100
174 98.9 0.0 201.8
176 93.6 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076374.D
Acq: 08 Jun 2023 15:29

Tgt Ion: 117 Resp: 474275
Ion Ratio Lower Upper
117 100
82 48.3 38.3 57.5
119 31.7 25.0 37.4

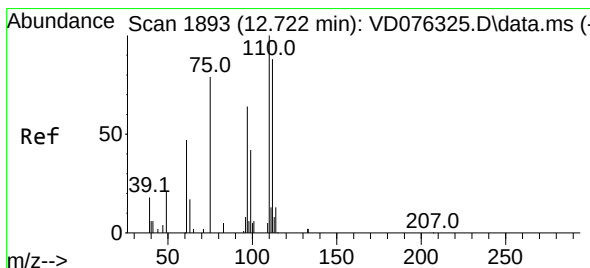
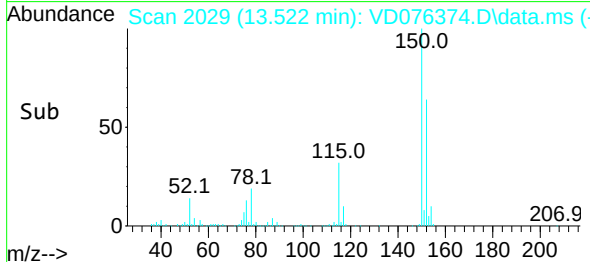
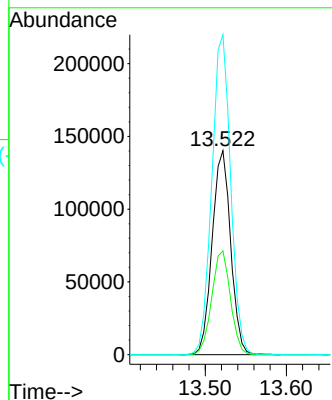
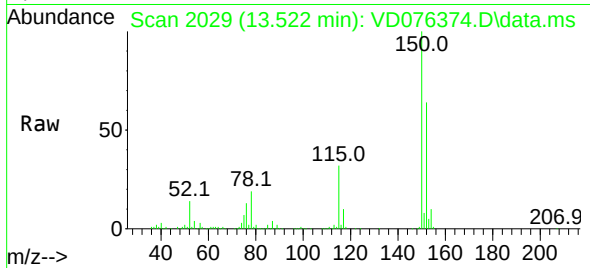




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 2029
 Delta R.T. -0.000 min
 Lab File: VD076374.D
 Acq: 08 Jun 2023 15:29

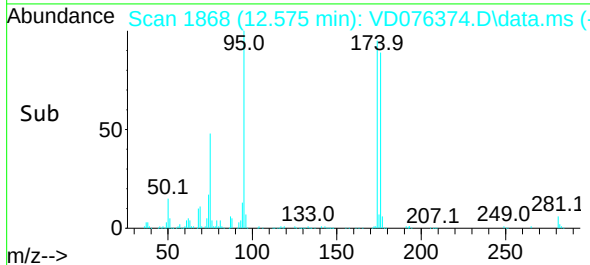
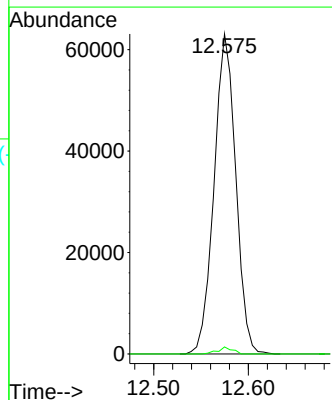
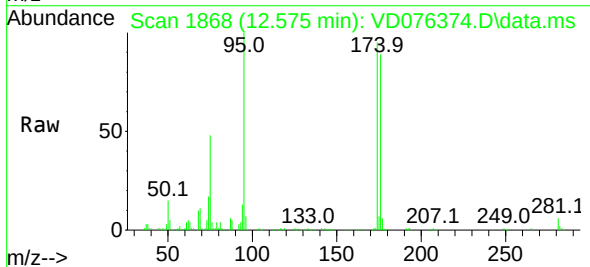
Instrument :
 MSVOA_D
 ClientSampleId :
 HR-03-060523

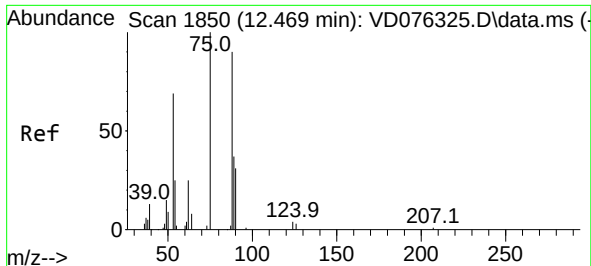
Tgt Ion:152 Resp: 222346
 Ion Ratio Lower Upper
 152 100
 115 51.4 27.1 81.3
 150 159.1 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 48.426 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD076374.D
 Acq: 08 Jun 2023 15:29

Tgt Ion: 75 Resp: 100508
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#

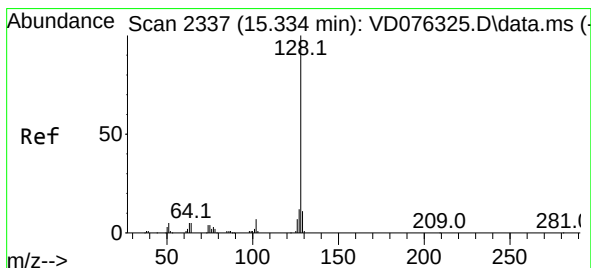
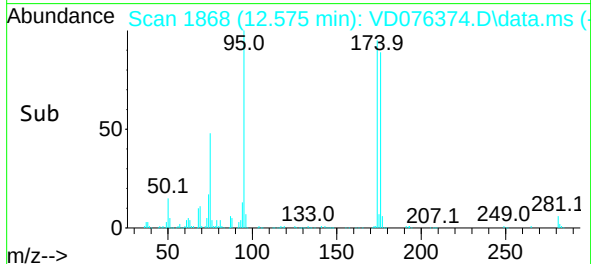
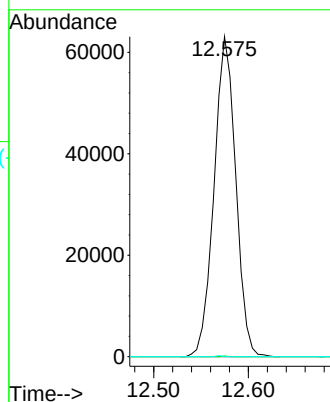
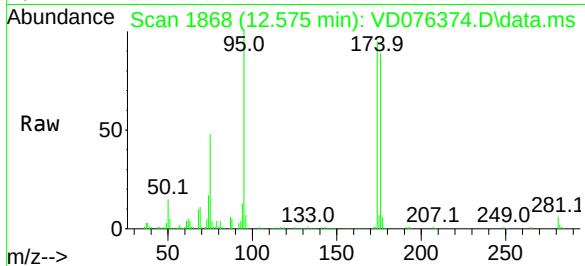




#81
trans-1,4-Dichloro-2-butene
Concen: 115.982 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076374.D
Acq: 08 Jun 2023 15:29

Instrument :
MSVOA_D
ClientSampleId :
HR-03-060523

Tgt Ion: 75 Resp: 100508
Ion Ratio Lower Upper
75 100
53 0.1 63.0 94.4#
89 0.1 37.9 56.9#



#95
Naphthalene
Concen: 3.553 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.006 min
Lab File: VD076374.D
Acq: 08 Jun 2023 15:29

Tgt Ion:128 Resp: 2218
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#

