

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060823\
 Data File : VD076382.D
 Acq On : 08 Jun 2023 19:31
 Operator : KP/SY
 Sample : 03074-04
 Misc : 6.85G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GT-04

Quant Time: Jun 09 01:25:09 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)

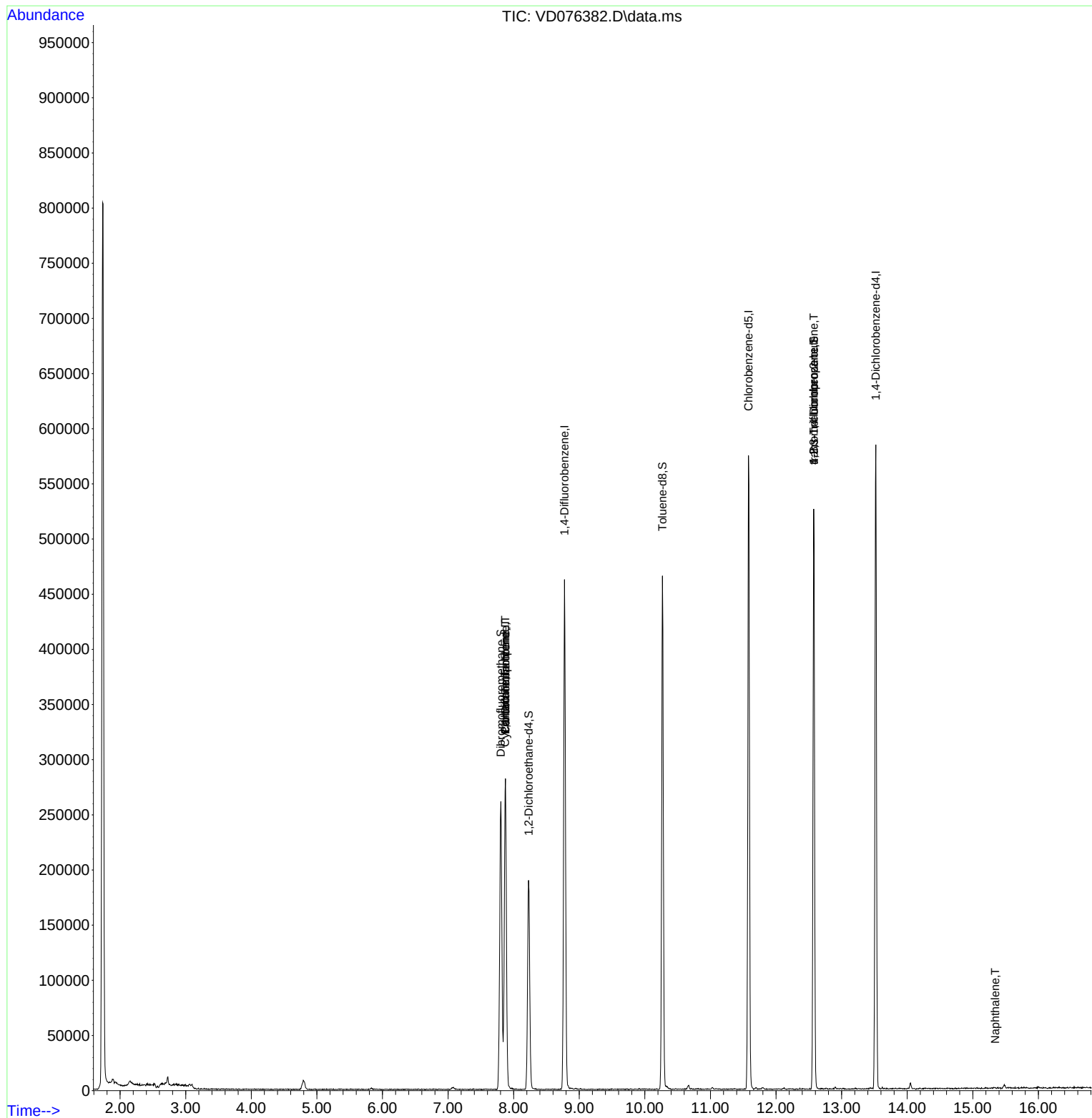
Internal Standards						
1) Pentafluorobenzene	7.875	168	238151	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	442488	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	370329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	174760	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	146442	68.629	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 137.260%			
35) Dibromofluoromethane	7.804	113	187631	66.784	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 133.560%			
50) Toluene-d8	10.269	98	342895	30.654	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 61.300%			
62) 4-Bromofluorobenzene	12.575	95	161064	54.408	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 108.820%			
Target Compounds						
20) Methylene Chloride	4.805	84	7188	Below Cal	#	85
28) Bromochloromethane	7.434	49	56	Below Cal	#	1
31) Cyclohexane	7.869	56	4305	1.202	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	15662	3.880	ug/l #	47
38) Carbon Tetrachloride	7.875	117	20587	5.818	ug/l #	18
76) 1,2,3-Trichloropropane	12.575	75	77504	47.510	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	77504	113.789	ug/l #	17
95) Naphthalene	15.339	128	470	3.363	ug/l #	69

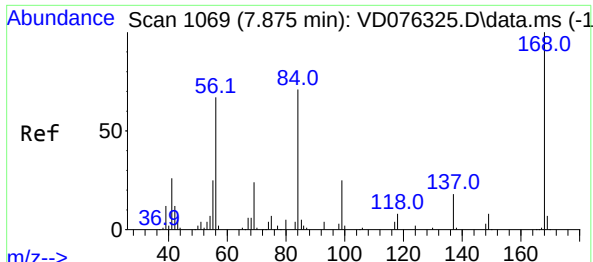
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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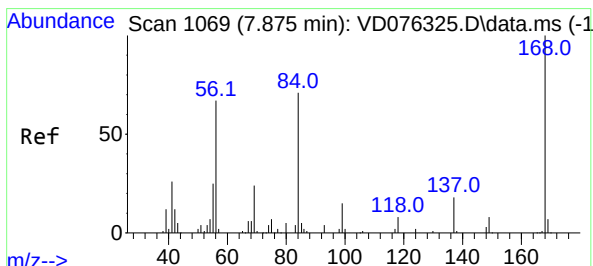
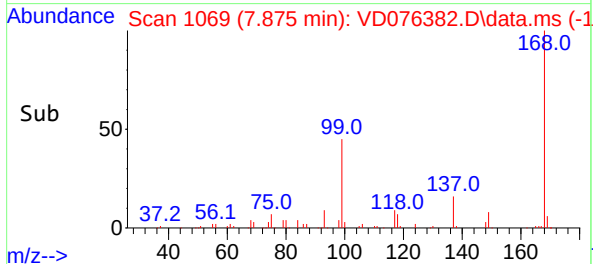
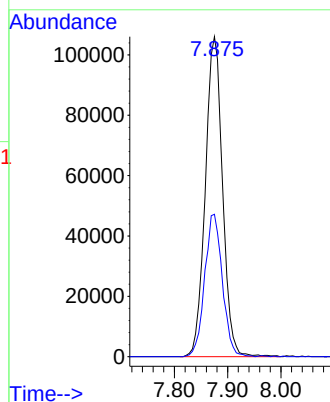
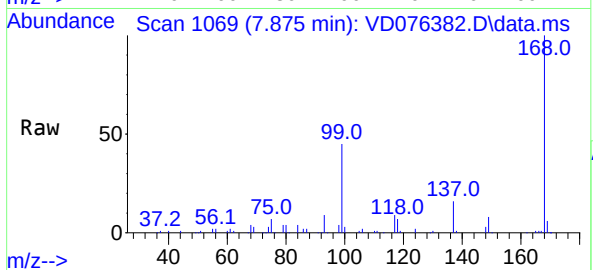




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076382.D
Acq: 08 Jun 2023 19:31

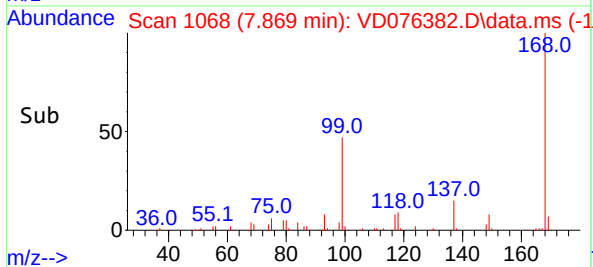
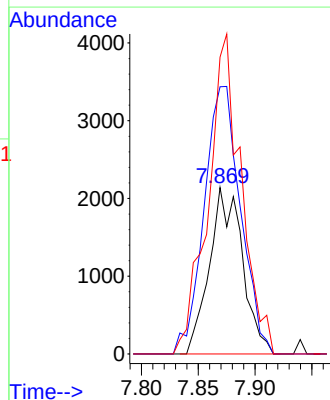
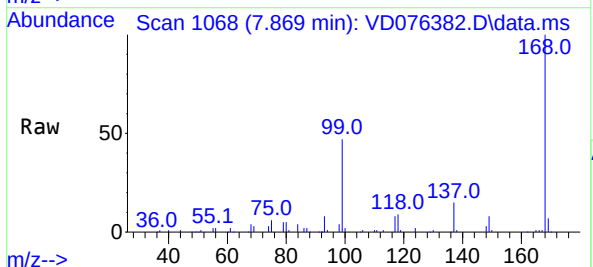
Instrument :
MSVOA_D
ClientSampleId :
GT-04

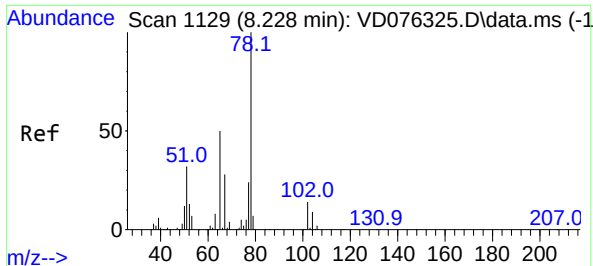
Tgt Ion:168 Resp: 238151
Ion Ratio Lower Upper
168 100
99 44.5 36.7 55.1



#31
Cyclohexane
Concen: 1.202 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076382.D
Acq: 08 Jun 2023 19:31

Tgt Ion: 56 Resp: 4305
Ion Ratio Lower Upper
56 100
69 160.6 28.6 43.0#
84 178.3 84.8 127.2#





#33

1,2-Dichloroethane-d4

Concen: 68.629 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076382.D

Acq: 08 Jun 2023 19:31

Instrument :

MSVOA_D

ClientSampleId :

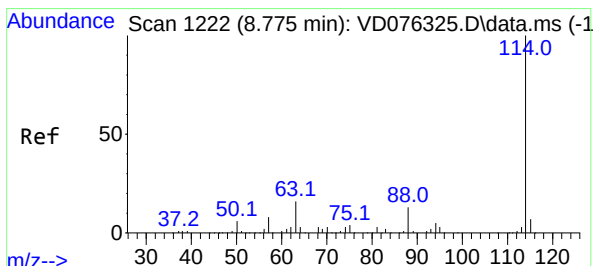
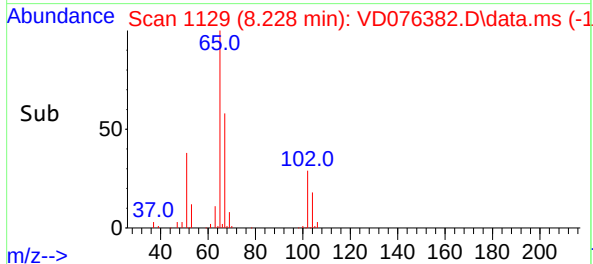
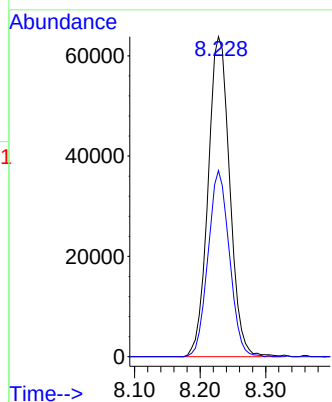
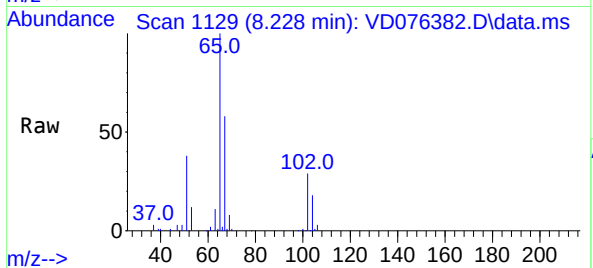
GT-04

Tgt Ion: 65 Resp: 146442

Ion Ratio Lower Upper

65 100

67 57.3 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: VD076382.D

Acq: 08 Jun 2023 19:31

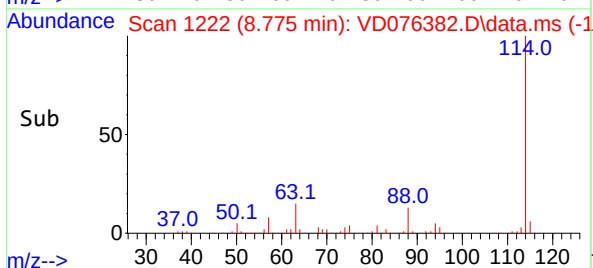
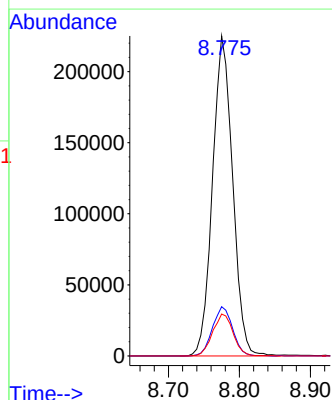
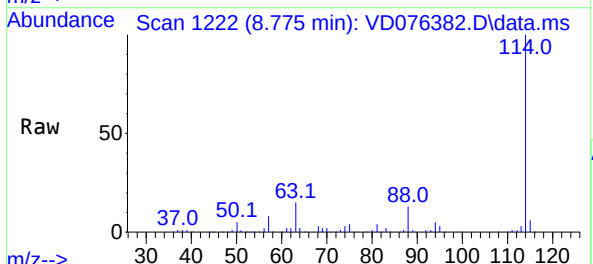
Tgt Ion: 114 Resp: 442488

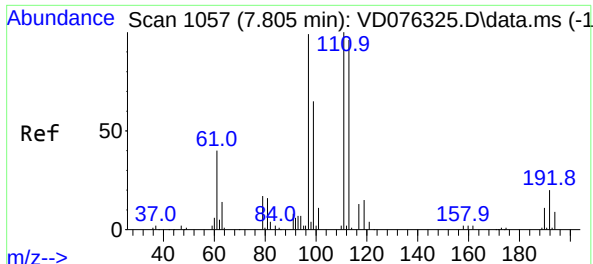
Ion Ratio Lower Upper

114 100

63 15.4 0.0 33.4

88 13.1 0.0 26.2

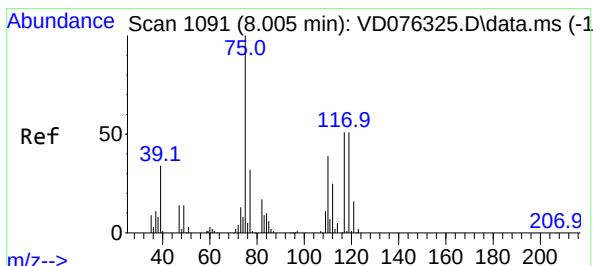
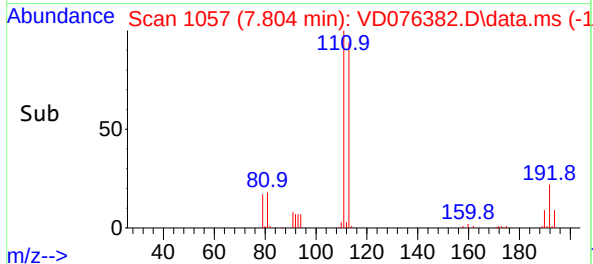
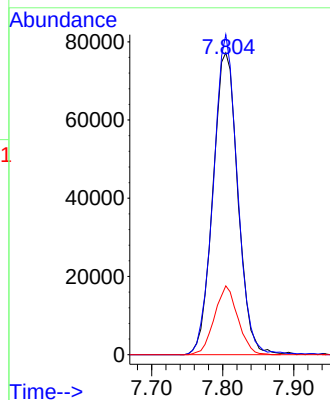
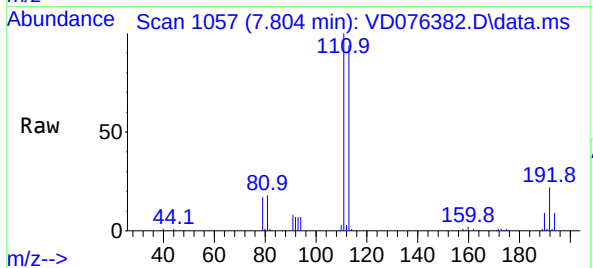




#35
Dibromofluoromethane
Concen: 66.784 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076382.D
Acq: 08 Jun 2023 19:31

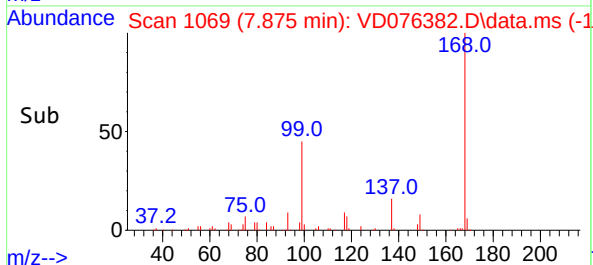
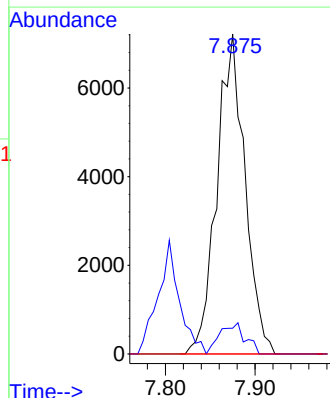
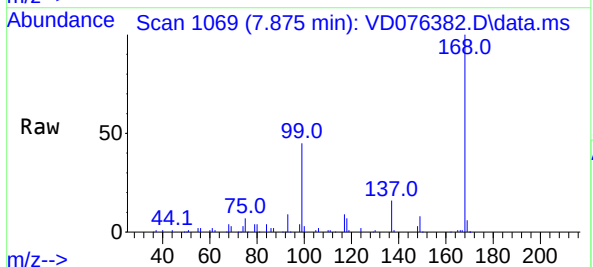
Instrument :
MSVOA_D
ClientSampleId :
GT-04

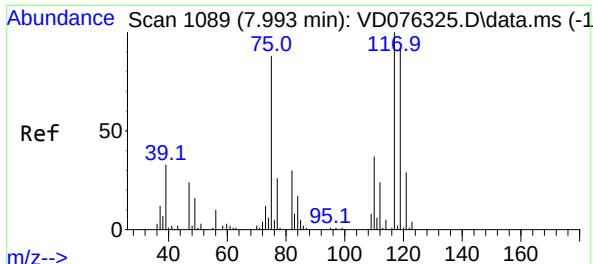
Tgt Ion:113 Resp: 187631
Ion Ratio Lower Upper
113 100
111 102.4 84.7 127.1
192 21.4 16.8 25.2



#36
1,1-Dichloropropene
Concen: 3.880 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.130 min
Lab File: VD076382.D
Acq: 08 Jun 2023 19:31

Tgt Ion: 75 Resp: 15662
Ion Ratio Lower Upper
75 100
110 8.7 19.9 59.6#
77 0.0 24.7 37.1#

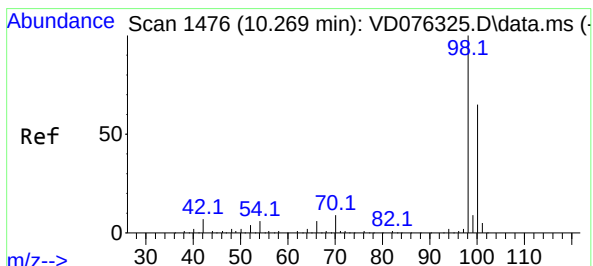
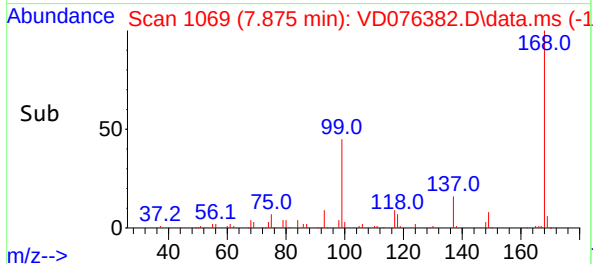
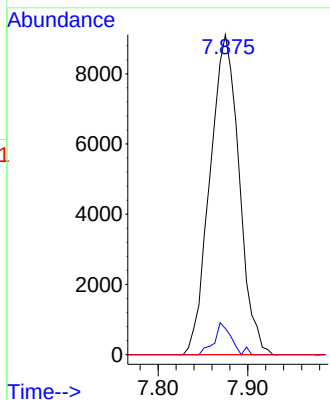
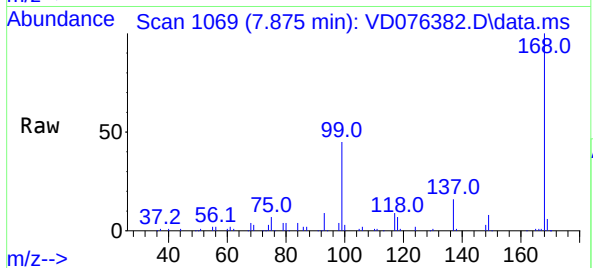




#38
Carbon Tetrachloride
Concen: 5.818 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD076382.D
Acq: 08 Jun 2023 19:31

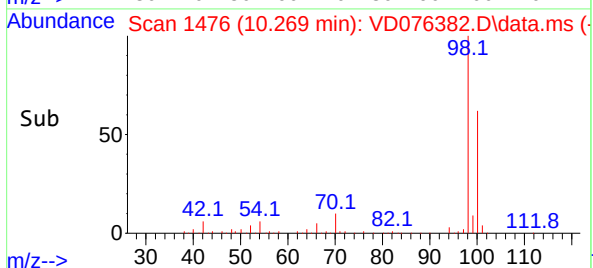
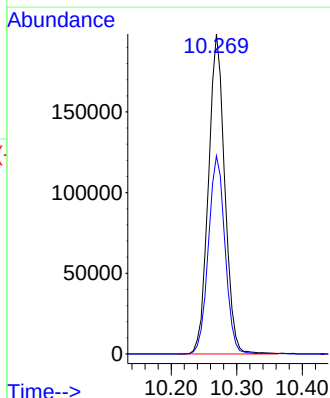
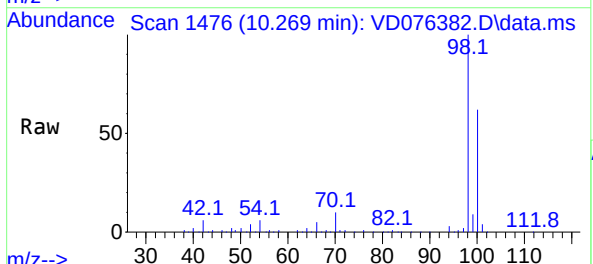
Instrument :
MSVOA_D
ClientSampleId :
GT-04

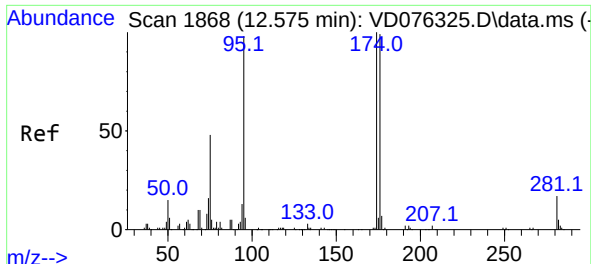
Tgt Ion:117 Resp: 20587
Ion Ratio Lower Upper
117 100
119 8.2 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 30.654 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076382.D
Acq: 08 Jun 2023 19:31

Tgt Ion: 98 Resp: 342895
Ion Ratio Lower Upper
98 100
100 63.0 50.3 75.5



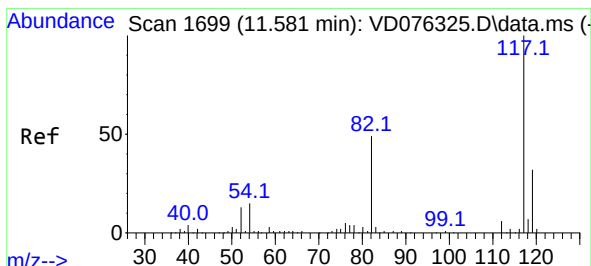
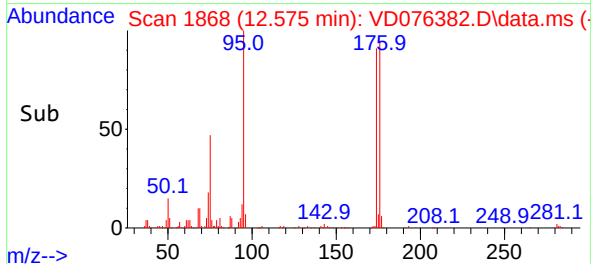
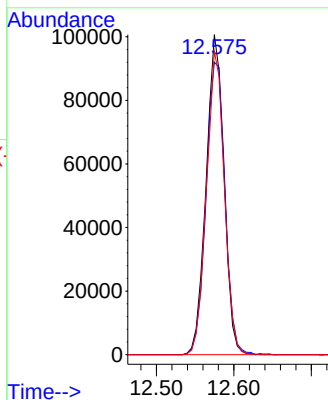
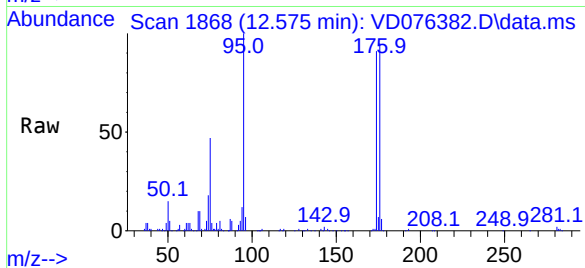


#62
4-Bromofluorobenzene
Concen: 54.408 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076382.D
Acq: 08 Jun 2023 19:31

Instrument :
MSVOA_D
ClientSampleId :
GT-04

Tgt Ion: 95 Resp: 161064

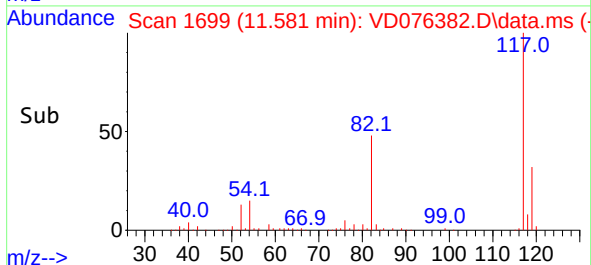
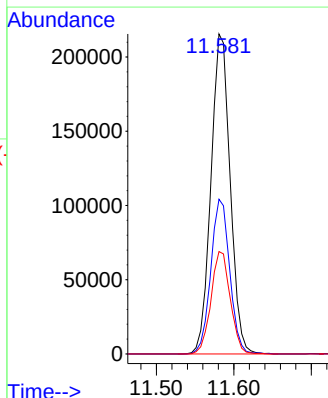
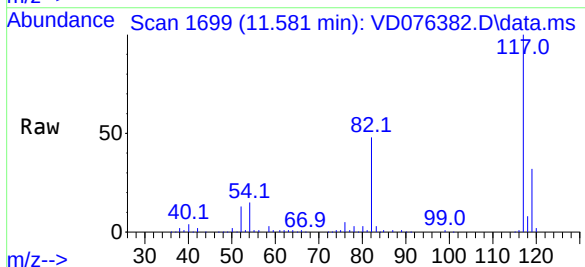
Ion	Ratio	Lower	Upper
95	100		
174	97.3	0.0	201.8
176	94.9	0.0	191.8

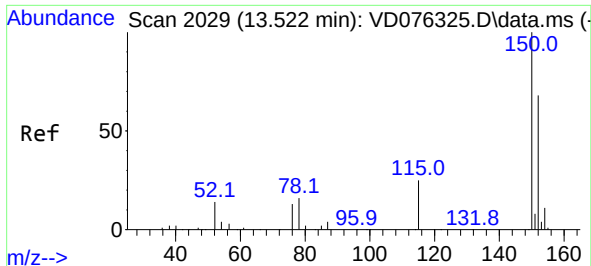


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076382.D
Acq: 08 Jun 2023 19:31

Tgt Ion: 117 Resp: 370329

Ion	Ratio	Lower	Upper
117	100		
82	48.4	38.3	57.5
119	32.0	25.0	37.4

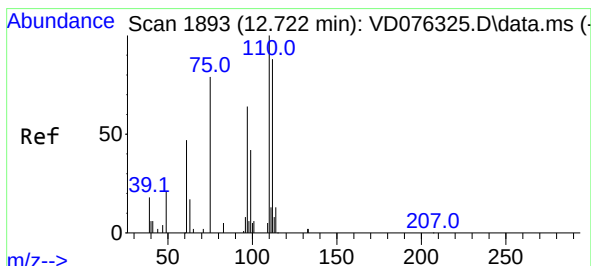
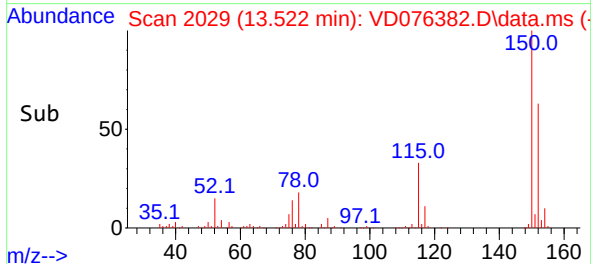
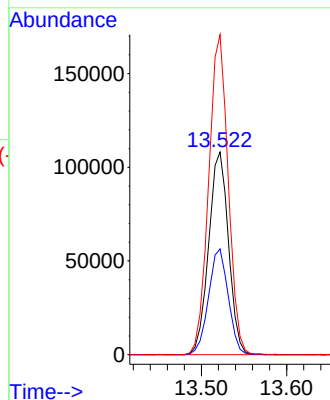
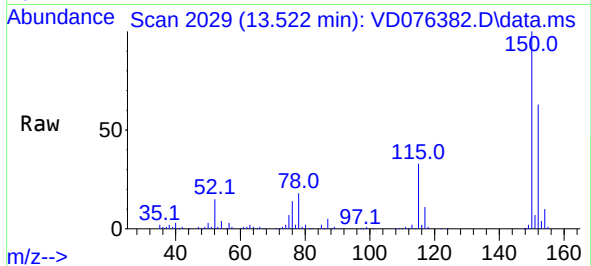




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076382.D
Acq: 08 Jun 2023 19:31

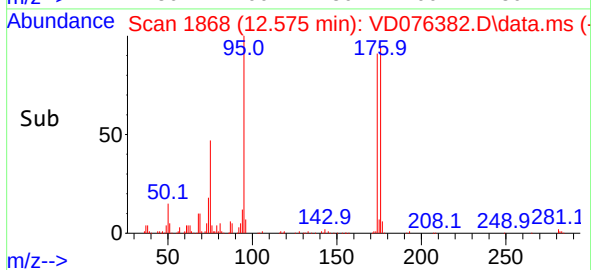
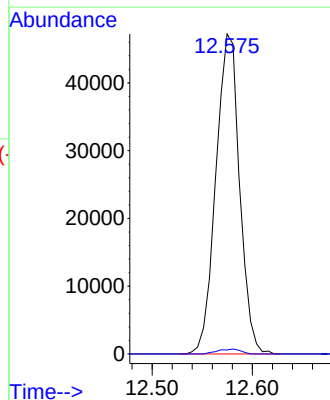
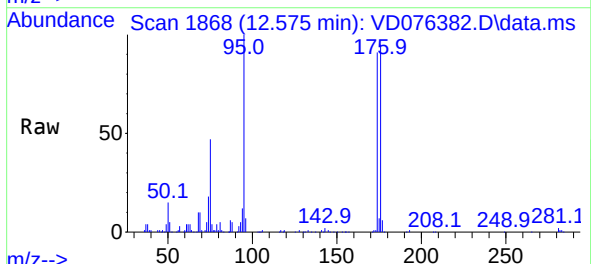
Instrument :
MSVOA_D
ClientSampleId :
GT-04

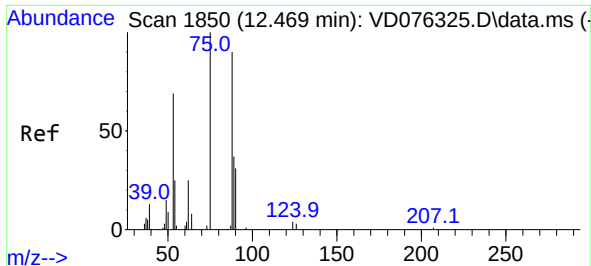
Tgt Ion:152 Resp: 174760
Ion Ratio Lower Upper
152 100
115 51.9 27.1 81.3
150 155.2 0.0 353.6



#76
1,2,3-Trichloropropane
Concen: 47.510 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076382.D
Acq: 08 Jun 2023 19:31

Tgt Ion: 75 Resp: 77504
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#

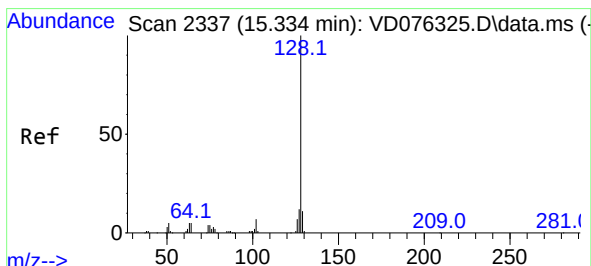
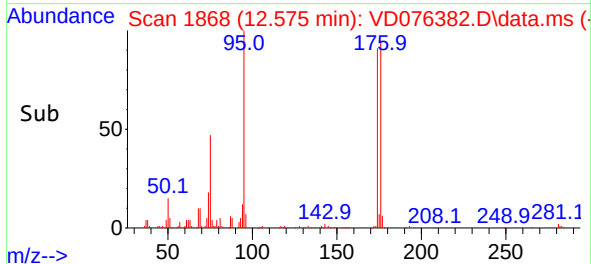
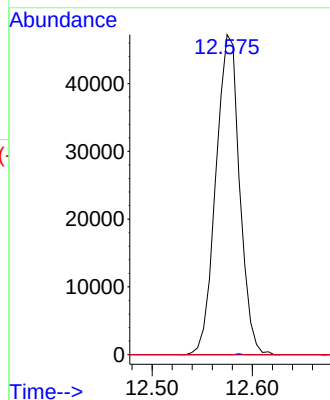
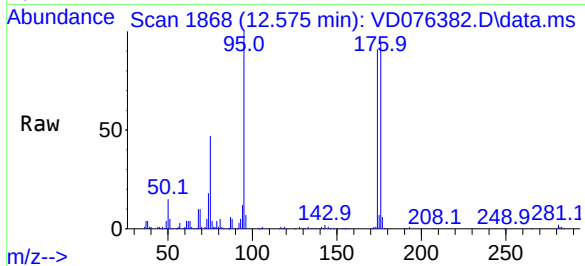




#81
 trans-1,4-Dichloro-2-butene
 Concen: 113.789 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.106 min
 Lab File: VD076382.D
 Acq: 08 Jun 2023 19:31

Instrument :
 MSVOA_D
 ClientSampleId :
 GT-04

Tgt Ion:	75	Resp:	77504
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.1	37.9	56.9#



#95
 Naphthalene
 Concen: 3.363 ug/l
 RT: 15.339 min Scan# 2338
 Delta R.T. 0.005 min
 Lab File: VD076382.D
 Acq: 08 Jun 2023 19:31

Tgt Ion:	128	Resp:	470
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.7	13.1#

