

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041423\
 Data File : VD075674 .D
 Acq On : 14 Apr 2023 12:29
 Operator : KP/SY
 Sample : VD0414SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 17 01:29:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

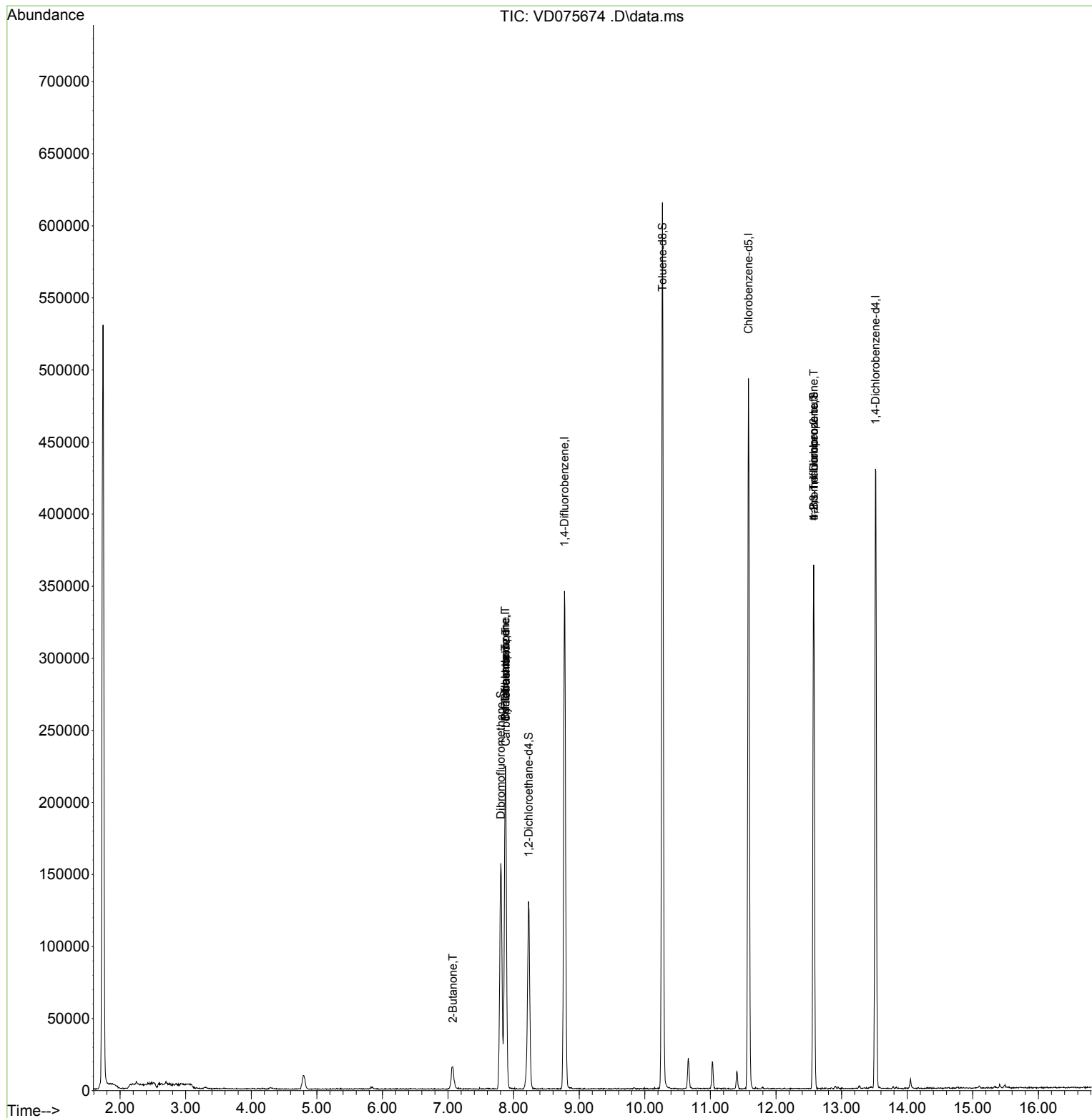
Internal Standards						
1) Pentafluorobenzene	7.875	168	184006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	340897	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	304021	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	128335	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	97243	55.676	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.360%	
35) Dibromofluoromethane	7.805	113	118017	51.471	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.940%	
50) Toluene-d8	10.269	98	443622	48.314	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.620%	
62) 4-Bromofluorobenzene	12.575	95	112358	46.038	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.080%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.799	84	9244	Below Cal	#	61
25) 2-Butanone	7.075	43	464	1.126	ug/l #	50
31) Cyclohexane	7.875	56	3064	1.118	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	14020	4.432	ug/l #	48
38) Carbon Tetrachloride	7.881	117	16666	5.983	ug/l #	17
76) 1,2,3-Trichloropropane	12.575	75	57493	54.935	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	57493	119.067	ug/l #	5

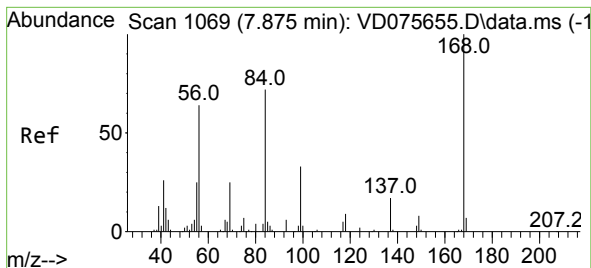
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 17 01:29:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 14:16:29 2023
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: VD075674.D

Acq: 14 Apr 2023 12:29

Instrument :

MSVOA_D

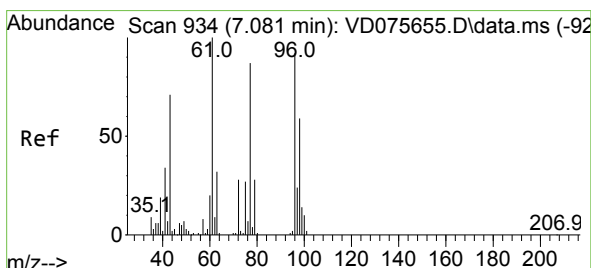
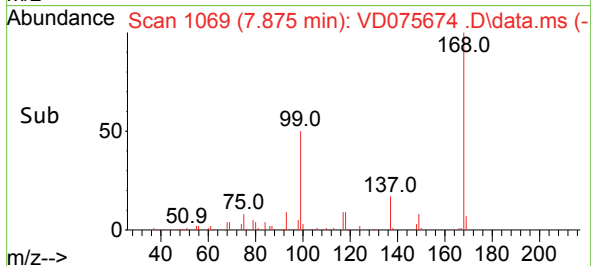
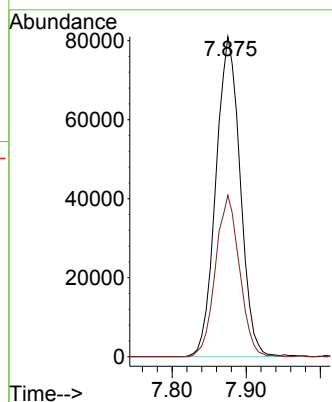
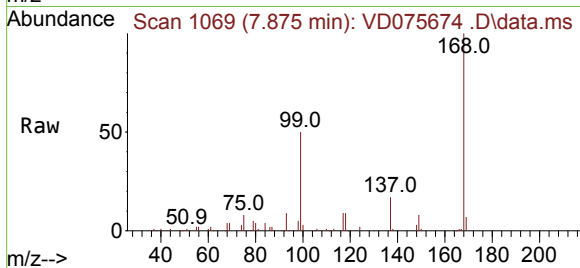
ClientSampleId :

Tgt Ion:168 Resp: 184006

Ion Ratio Lower Upper

168 100

99 50.5 43.8 65.6



#25

2-Butanone

Concen: 1.126 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.006 min

Lab File: VD075674.D

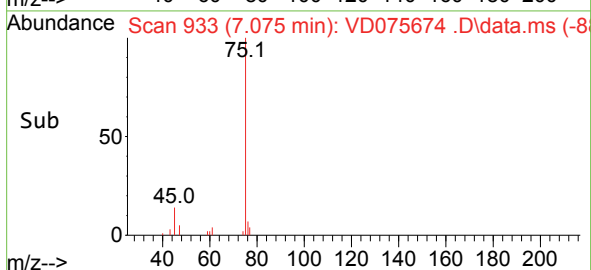
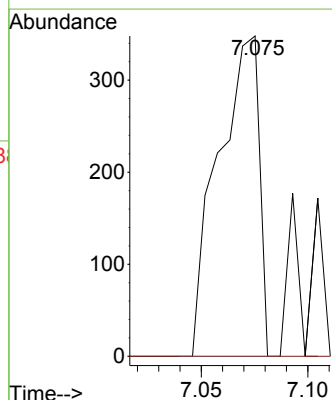
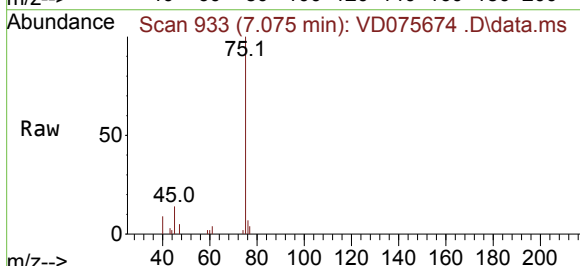
Acq: 14 Apr 2023 12:29

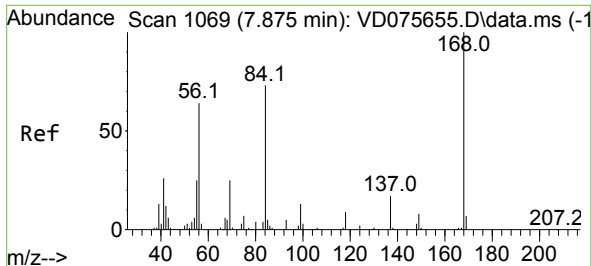
Tgt Ion: 43 Resp: 464

Ion Ratio Lower Upper

43 100

72 0.0 19.8 29.8#

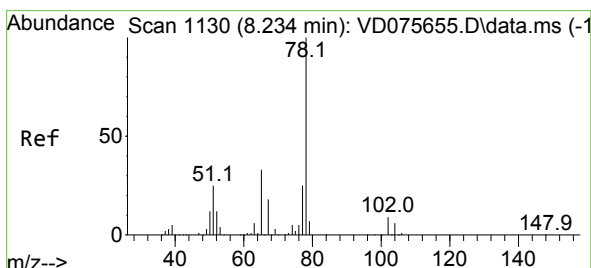
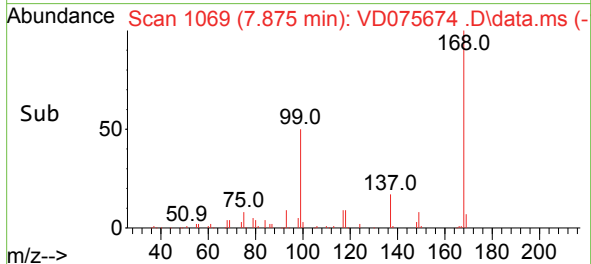
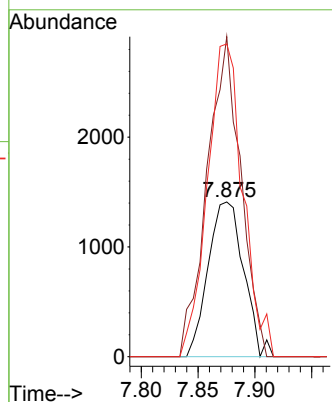
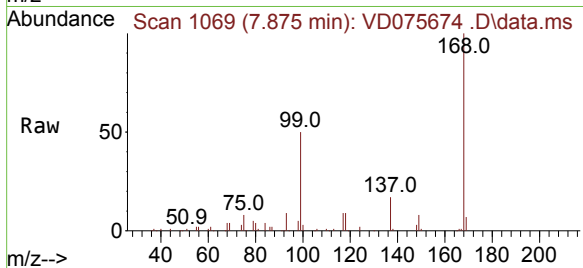




#31
Cyclohexane
Concen: 1.118 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD075674.D
Acq: 14 Apr 2023 12:29

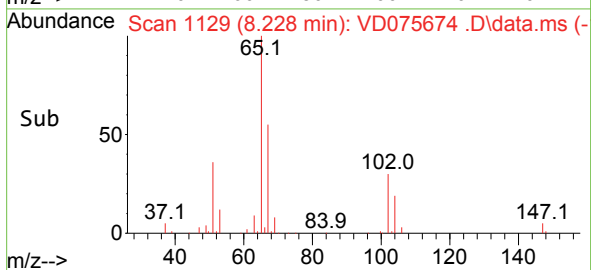
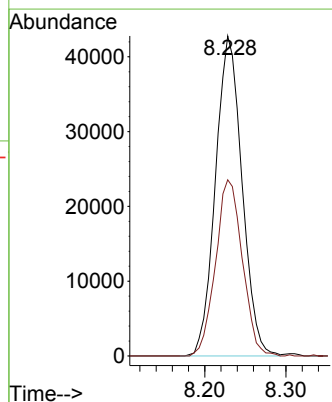
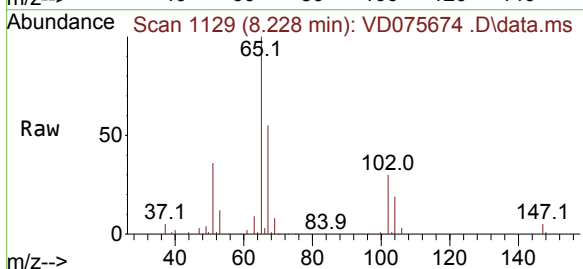
Instrument :
MSVOA_D
ClientSampleId :

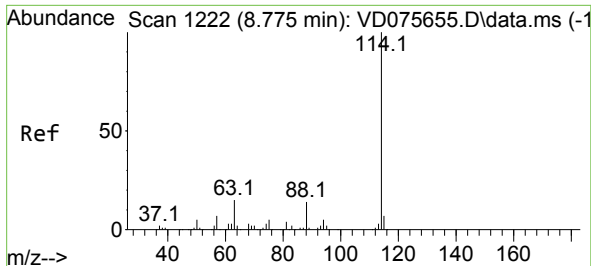
Tgt Ion: 56 Resp: 3064
Ion Ratio Lower Upper
56 100
69 206.8 25.5 38.3#
84 202.2 69.6 104.4#



#33
1,2-Dichloroethane-d4
Concen: 55.676 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075674.D
Acq: 14 Apr 2023 12:29

Tgt Ion: 65 Resp: 97243
Ion Ratio Lower Upper
65 100
67 55.4 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075674 .D

Acq: 14 Apr 2023 12:29

Instrument :

MSVOA_D

ClientSampleId :

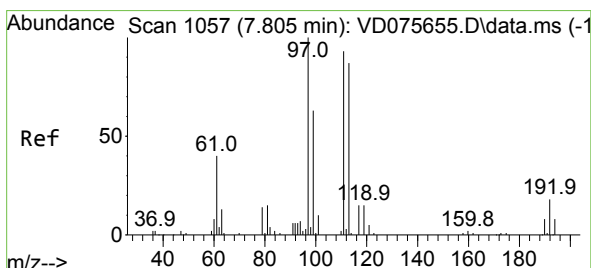
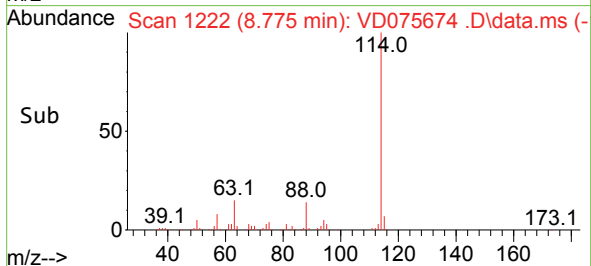
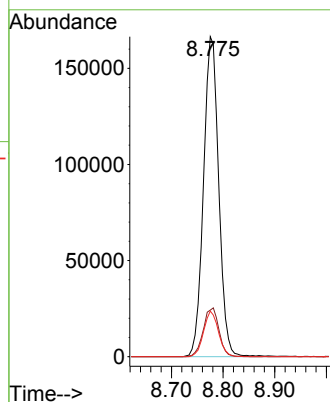
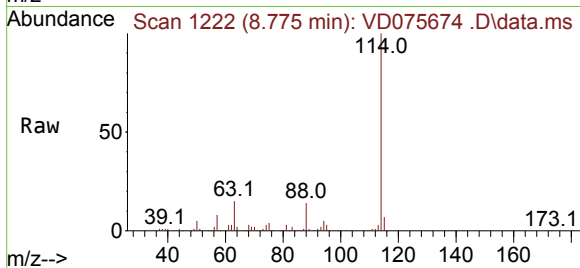
Tgt Ion:114 Resp: 340897

Ion Ratio Lower Upper

114 100

63 14.6 0.0 41.6

88 14.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.471 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD075674 .D

Acq: 14 Apr 2023 12:29

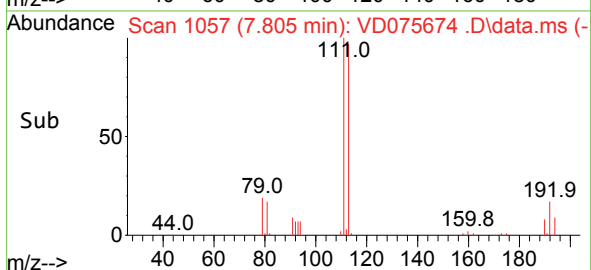
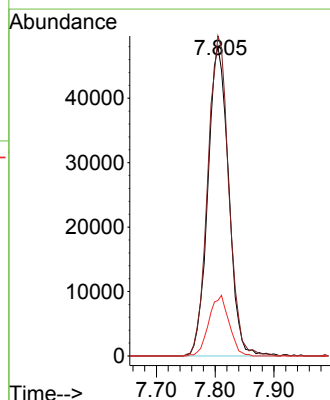
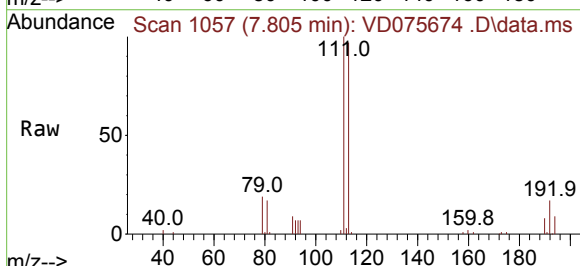
Tgt Ion:113 Resp: 118017

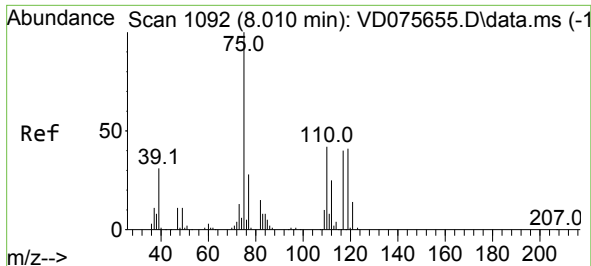
Ion Ratio Lower Upper

113 100

111 104.3 81.4 122.0

192 19.0 15.2 22.8





#36

1,1-Dichloropropene

Concen: 4.432 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

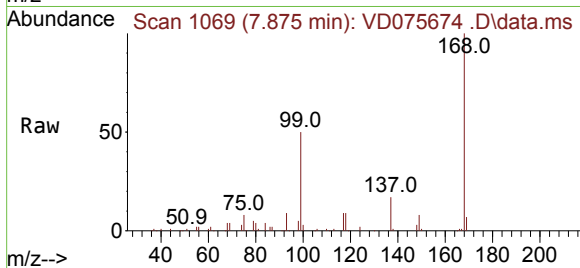
Lab File: VD075674.D

Acq: 14 Apr 2023 12:29

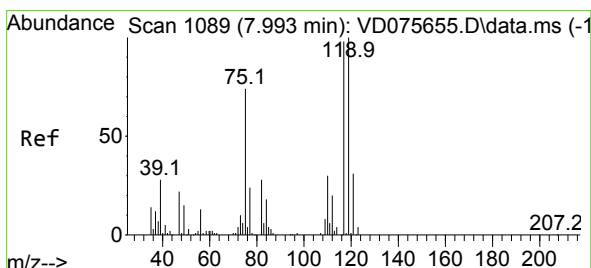
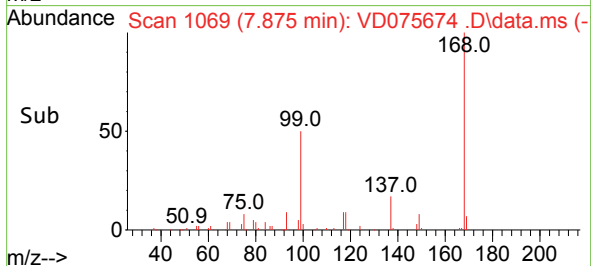
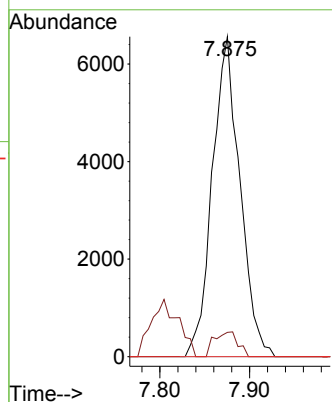
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	75	Resp:	14020
Ion Ratio	Lower	Upper	
75	100		
110	6.7	17.1	51.2#
77	0.0	24.6	36.8#



#38

Carbon Tetrachloride

Concen: 5.983 ug/l

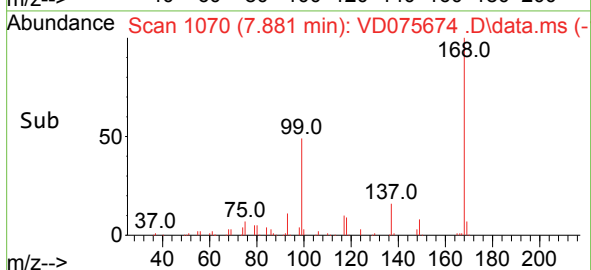
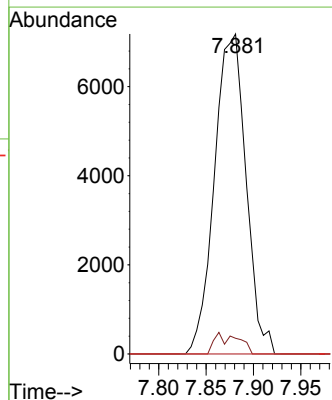
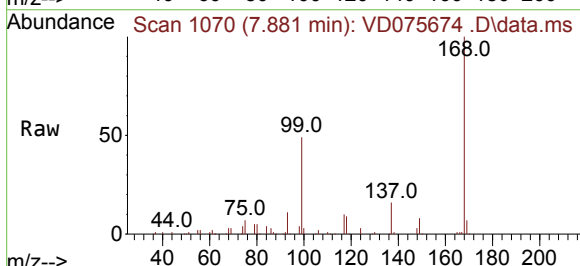
RT: 7.881 min Scan# 1070

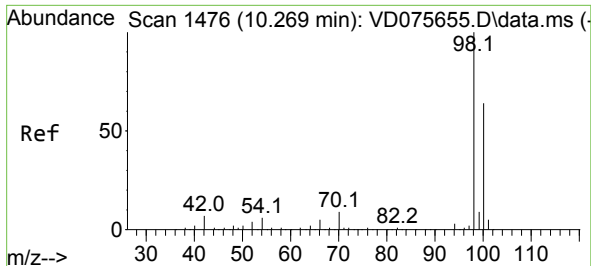
Delta R.T. -0.112 min

Lab File: VD075674.D

Acq: 14 Apr 2023 12:29

Tgt Ion:	117	Resp:	16666
Ion Ratio	Lower	Upper	
117	100		
119	4.9	74.7	112.1#
121	0.0	25.9	38.9#

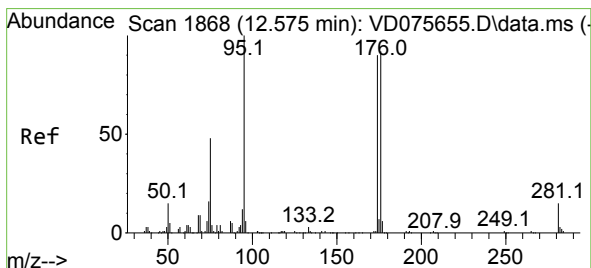
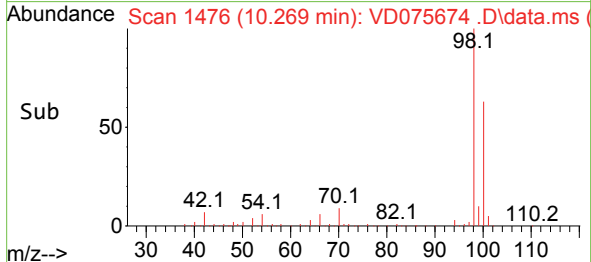
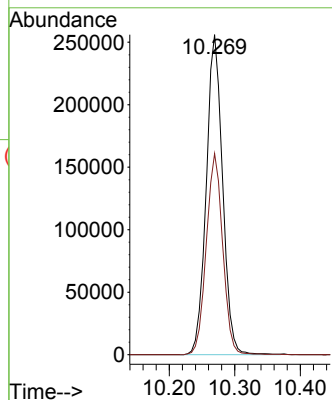
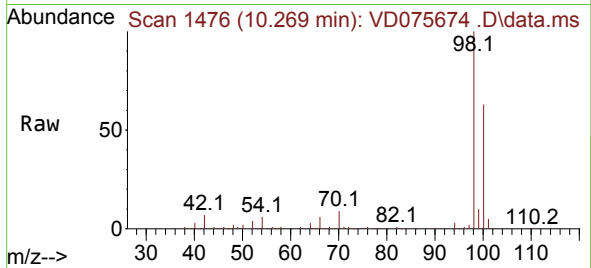




#50
Toluene-d8
Concen: 48.314 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075674.D
Acq: 14 Apr 2023 12:29

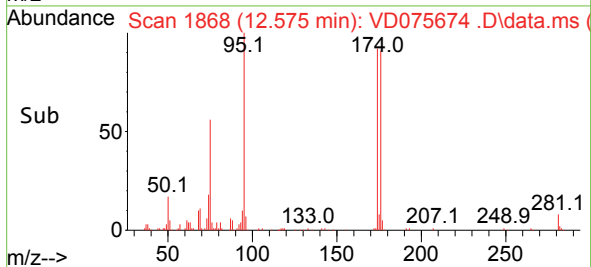
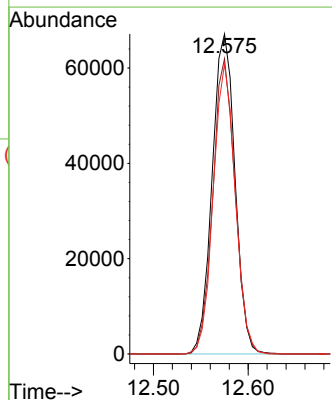
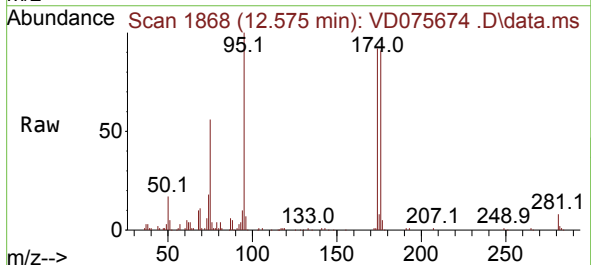
Instrument :
MSVOA_D
ClientSampleId :

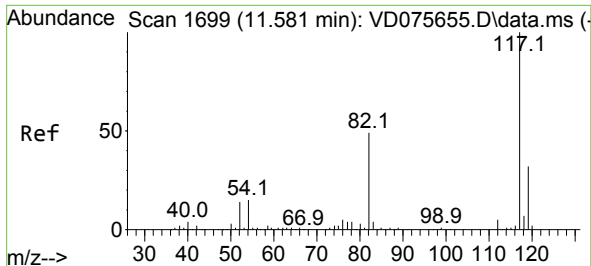
Tgt Ion: 98 Resp: 443622
Ion Ratio Lower Upper
98 100
100 63.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.038 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075674.D
Acq: 14 Apr 2023 12:29

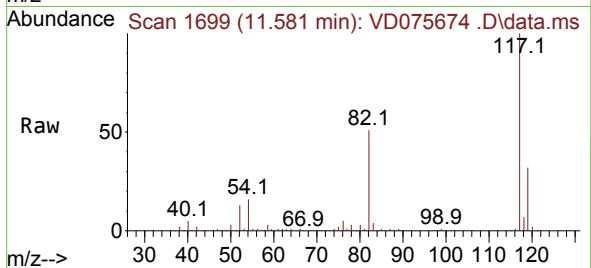
Tgt Ion: 95 Resp: 112358
Ion Ratio Lower Upper
95 100
174 89.8 0.0 164.0
176 87.3 0.0 156.8



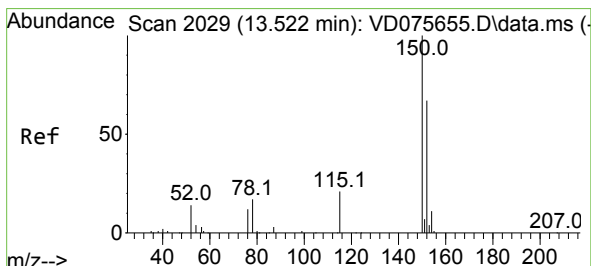
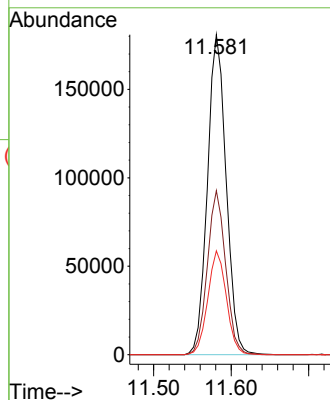
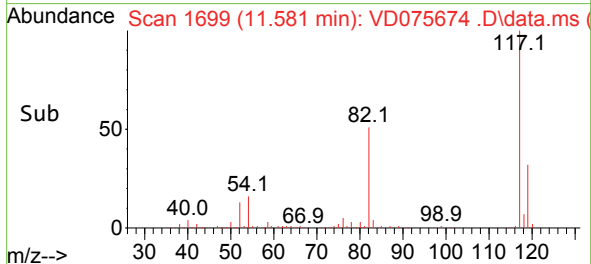


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD075674 .D
Acq: 14 Apr 2023 12:29

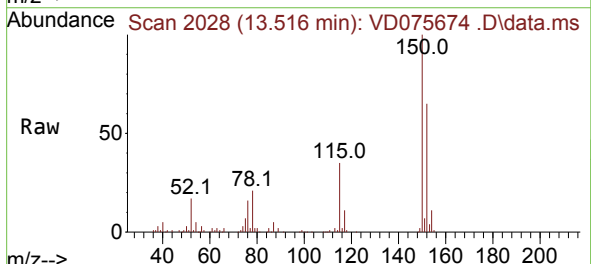
Instrument :
MSVOA_D
ClientSampleId :



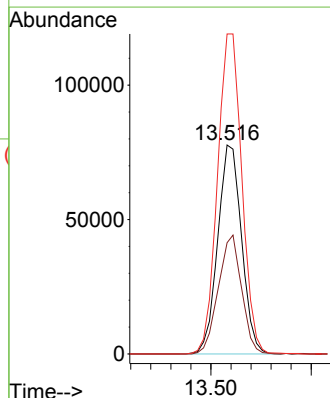
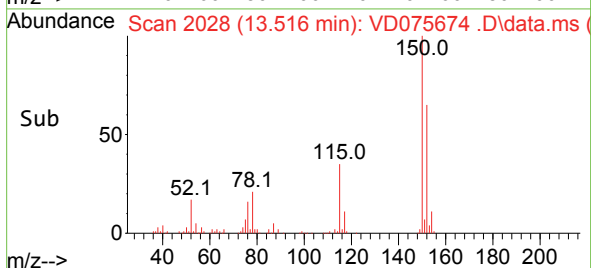
Tgt Ion:117 Resp: 304021
Ion Ratio Lower Upper
117 100
82 51.3 44.0 66.0
119 32.5 25.1 37.7

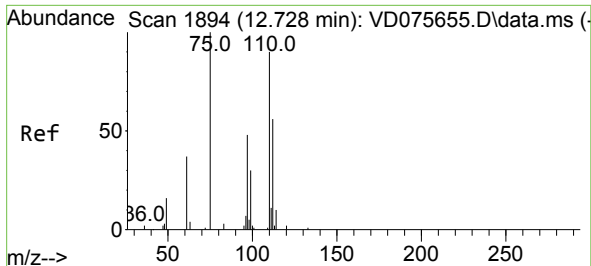


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD075674 .D
Acq: 14 Apr 2023 12:29



Tgt Ion:152 Resp: 128335
Ion Ratio Lower Upper
152 100
115 55.4 30.1 90.3
150 156.6 0.0 364.8

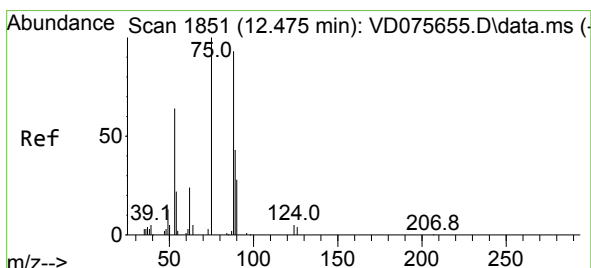
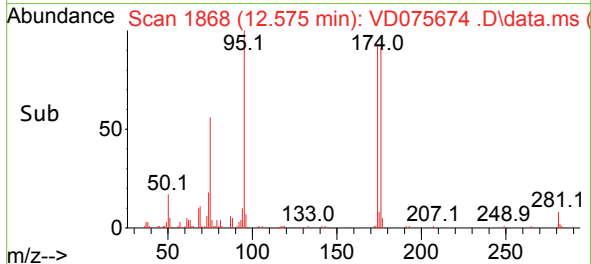
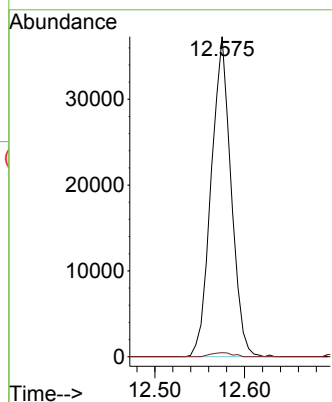
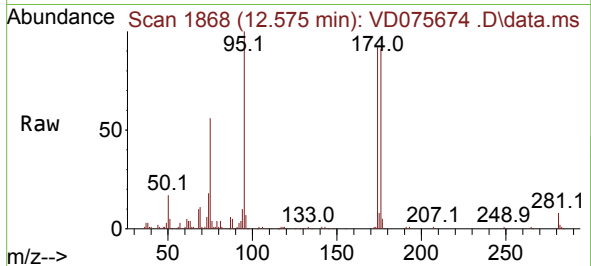




#76
1,2,3-Trichloropropane
Concen: 54.935 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075674 .D
Acq: 14 Apr 2023 12:29

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 57493
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 119.067 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD075674 .D
Acq: 14 Apr 2023 12:29

Tgt Ion: 75 Resp: 57493
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 40.2 60.4#

