

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041423\
 Data File : VD075685.D
 Acq On : 14 Apr 2023 18:01
 Operator : KP/SY
 Sample : 02262-05RE
 Misc : 9.96G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JPP-1-040723RE

Quant Time: Apr 17 09:12:59 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)

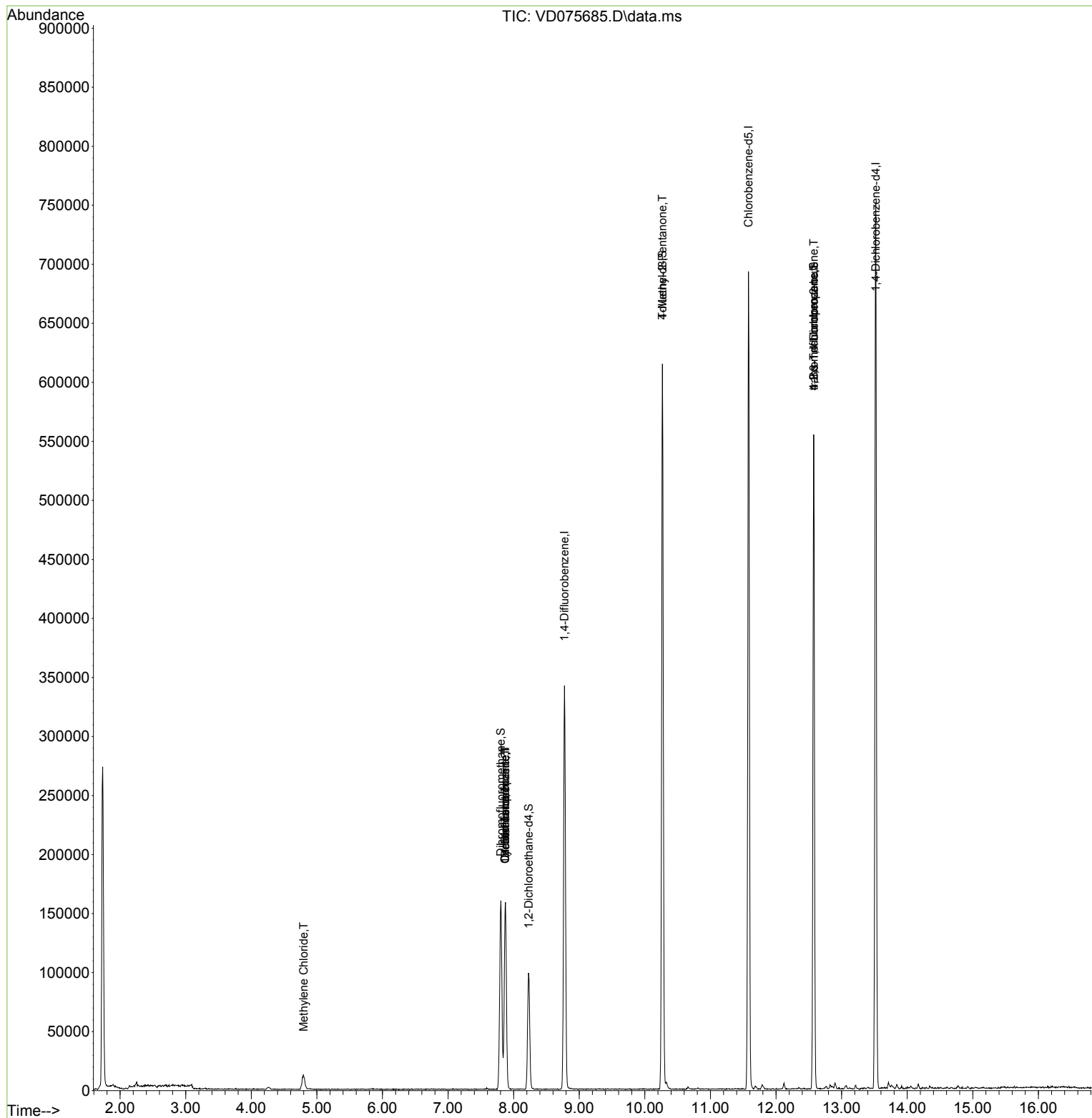
Internal Standards						
1) Pentafluorobenzene	7.875	168	131060	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	332429	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	429311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	214572	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	78284	62.929	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.860%	
35) Dibromofluoromethane	7.804	113	118231	52.878	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.760%	
50) Toluene-d8	10.269	98	451423	50.416	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.840%	
62) 4-Bromofluorobenzene	12.575	95	175460	73.725	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 147.460%#	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.799	84	10756	1.639	ug/l #	60
31) Cyclohexane	7.869	56	2575	1.319	ug/l #	22
36) 1,1-Dichloropropene	7.869	75	9252	2.999	ug/l #	50
38) Carbon Tetrachloride	7.869	117	12108	4.457	ug/l #	18
51) 4-Methyl-2-Pentanone	10.269	43	1219	1.336	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	84066	48.043	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	84066	104.128	ug/l #	5

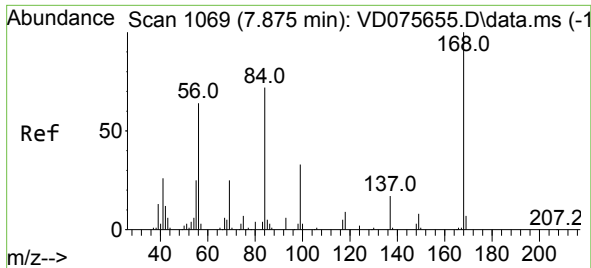
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Apr 13 14:16:29 2023
Response via : Initial Calibration

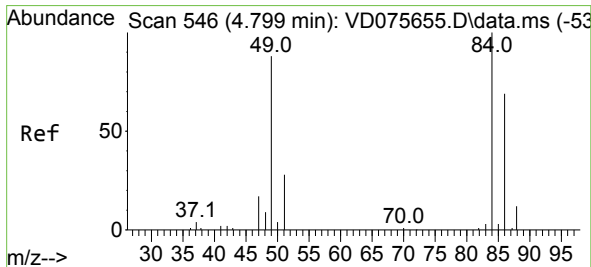
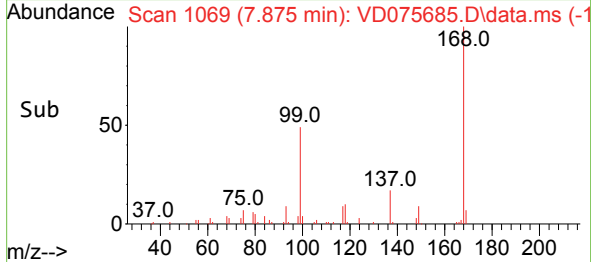
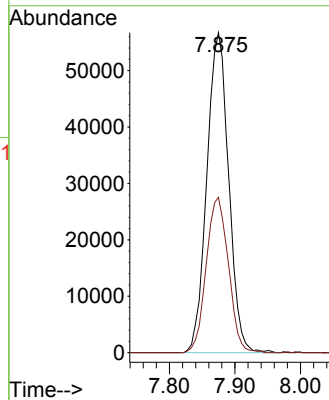
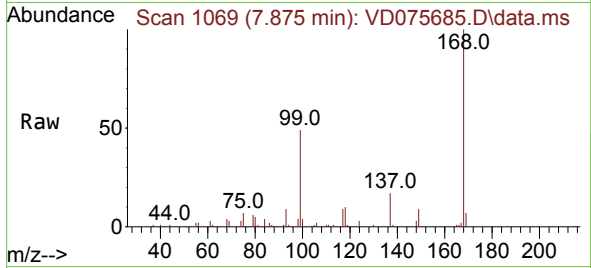




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075685.D
Acq: 14 Apr 2023 18:01

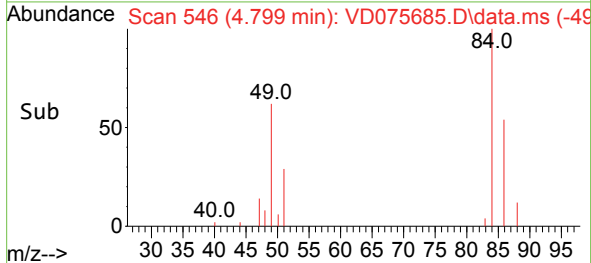
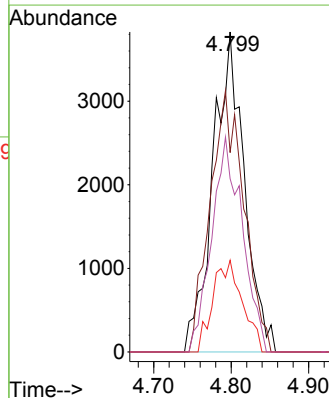
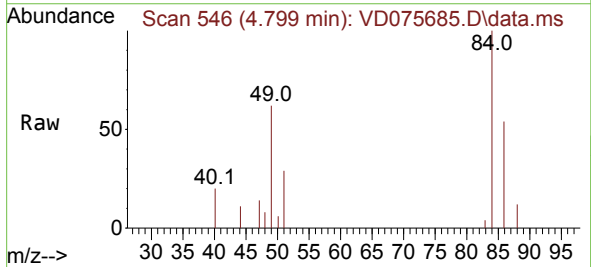
Instrument :
MSVOA_D
ClientSampleId :
JPP-1-040723RE

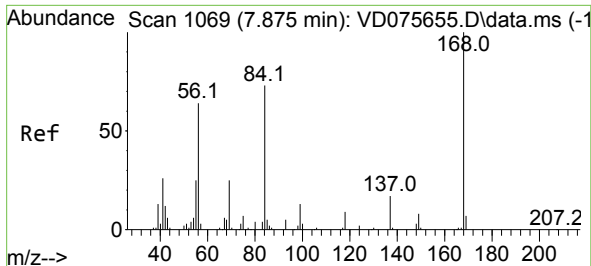
Tgt Ion:168 Resp: 131060
Ion Ratio Lower Upper
168 100
99 48.6 43.8 65.6



#20
Methylene Chloride
Concen: 1.639 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD075685.D
Acq: 14 Apr 2023 18:01

Tgt Ion: 84 Resp: 10756
Ion Ratio Lower Upper
84 100
49 62.3 106.4 159.6#
51 28.6 32.4 48.6#
86 54.2 50.9 76.3

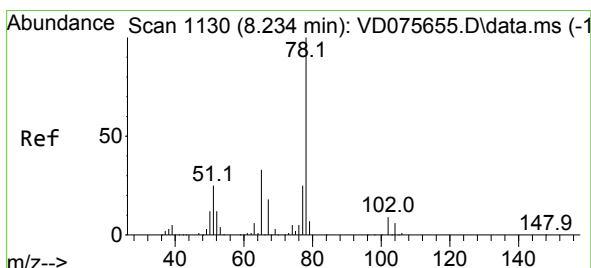
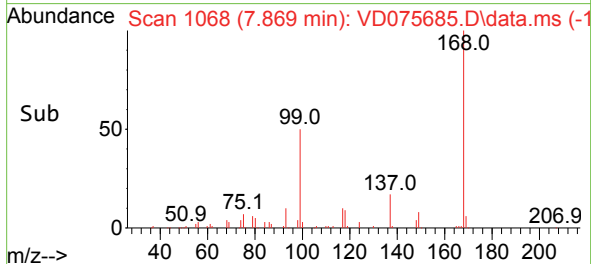
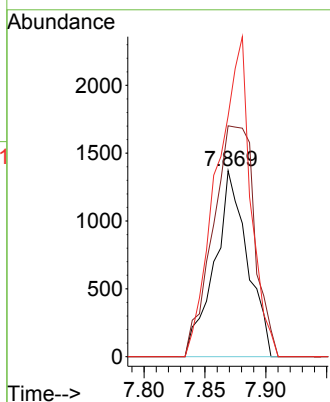
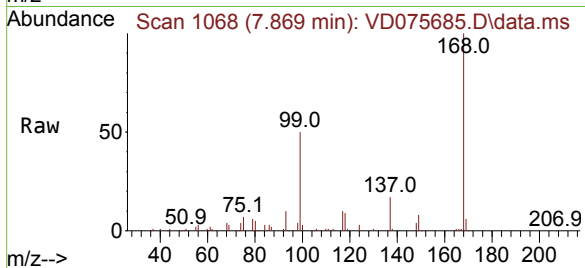




#31
Cyclohexane
Concen: 1.319 ug/l
RT: 7.869 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD075685.D
Acq: 14 Apr 2023 18:01

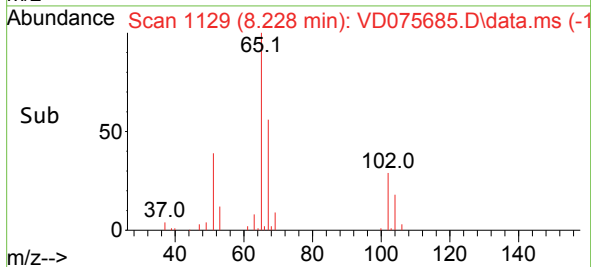
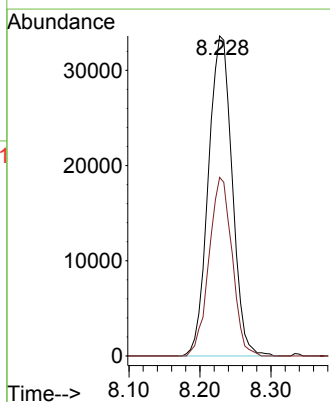
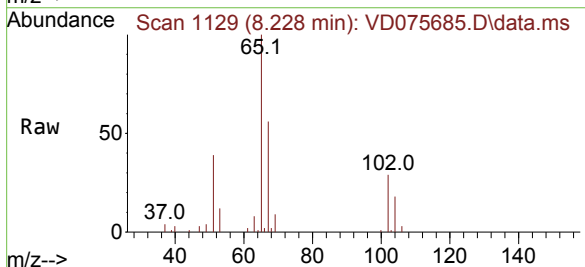
Instrument :
MSVOA_D
ClientSampleId :
JPP-1-040723RE

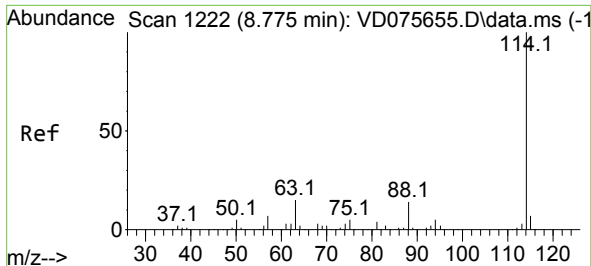
Tgt Ion: 56 Resp: 2575
Ion Ratio Lower Upper
56 100
69 124.2 25.5 38.3#
84 129.5 69.6 104.4#



#33
1,2-Dichloroethane-d4
Concen: 62.929 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075685.D
Acq: 14 Apr 2023 18:01

Tgt Ion: 65 Resp: 78284
Ion Ratio Lower Upper
65 100
67 54.1 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: VD075685.D

Acq: 14 Apr 2023 18:01

Instrument :

MSVOA_D

ClientSampleId :

JPP-1-040723RE

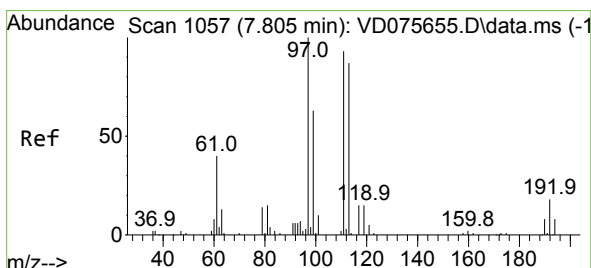
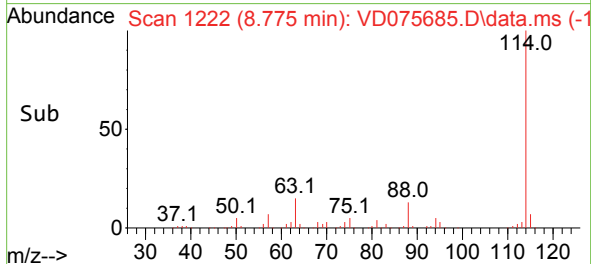
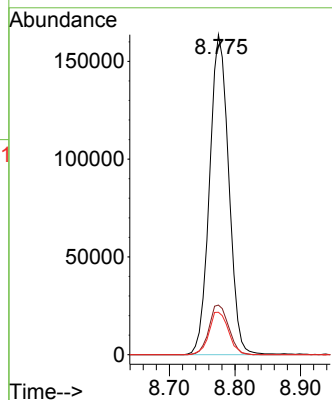
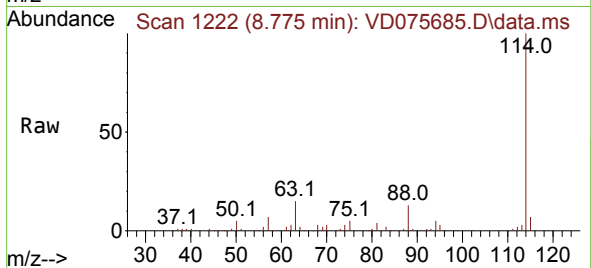
Tgt Ion:114 Resp: 332429

Ion Ratio Lower Upper

114 100

63 15.5 0.0 41.6

88 13.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.878 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD075685.D

Acq: 14 Apr 2023 18:01

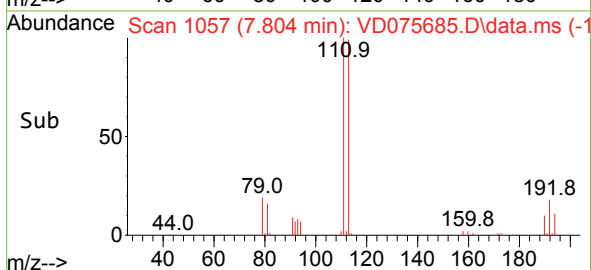
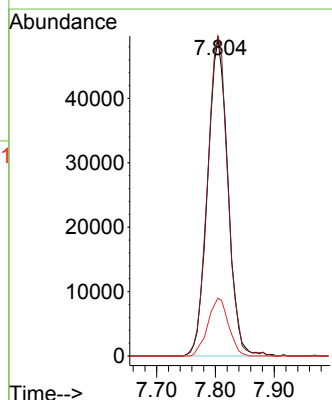
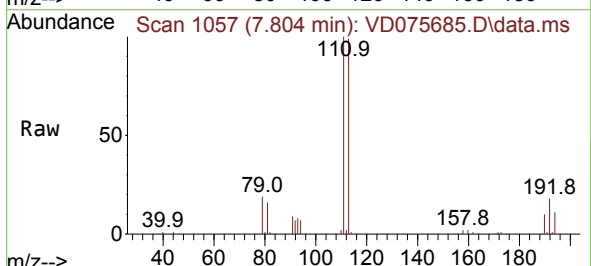
Tgt Ion:113 Resp: 118231

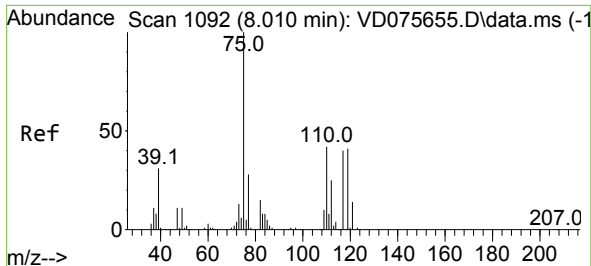
Ion Ratio Lower Upper

113 100

111 101.1 81.4 122.0

192 18.5 15.2 22.8





#36

1,1-Dichloropropene

Concen: 2.999 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.141 min

Lab File: VD075685.D

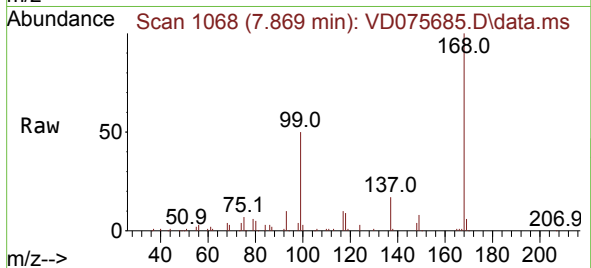
Acq: 14 Apr 2023 18:01

Instrument :

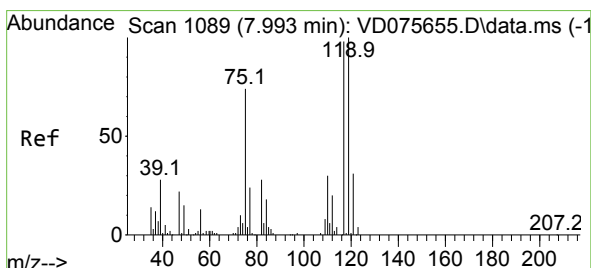
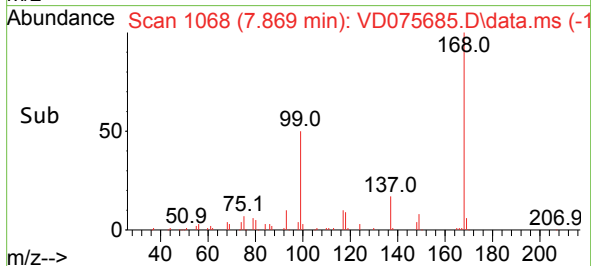
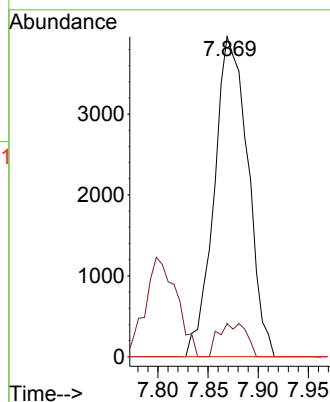
MSVOA_D

ClientSampleId :

JPP-1-040723RE



Tgt Ion: 75	Resp: 9252
Ion Ratio	Lower Upper
75	100
110	8.7 17.1 51.2#
77	0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 4.457 ug/l

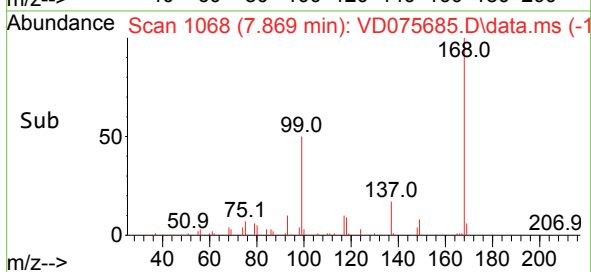
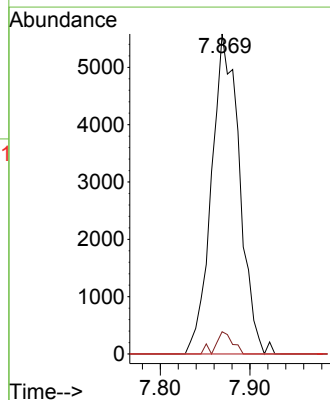
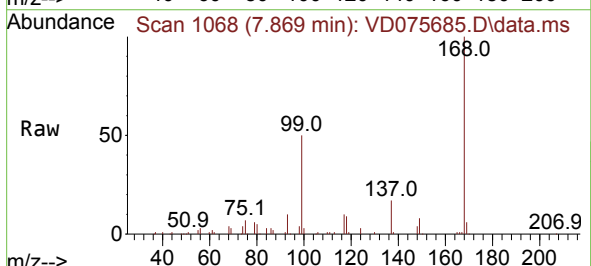
RT: 7.869 min Scan# 1068

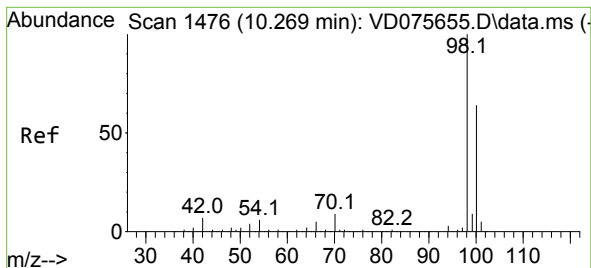
Delta R.T. -0.124 min

Lab File: VD075685.D

Acq: 14 Apr 2023 18:01

Tgt Ion: 117	Resp: 12108
Ion Ratio	Lower Upper
117	100
119	7.0 74.7 112.1#
121	0.0 25.9 38.9#

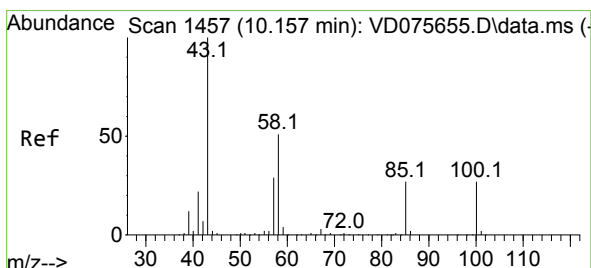
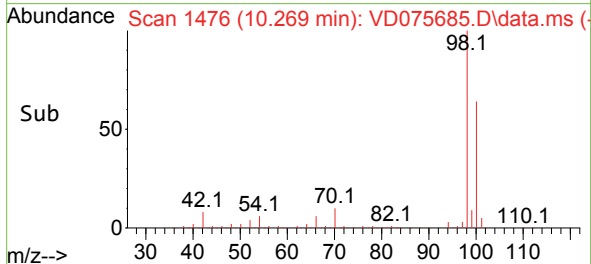
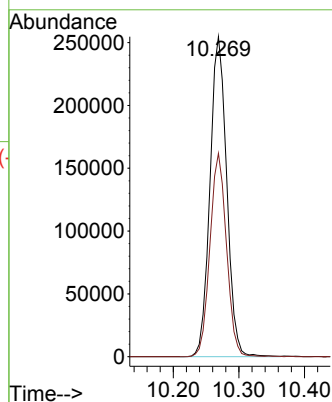
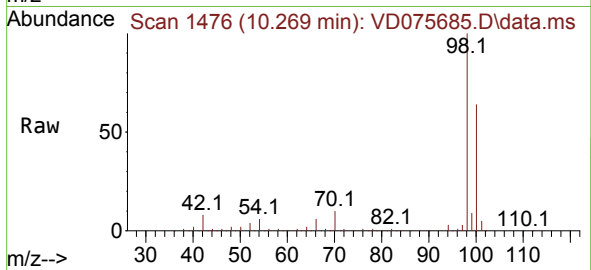




#50
Toluene-d8
Concen: 50.416 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075685.D
Acq: 14 Apr 2023 18:01

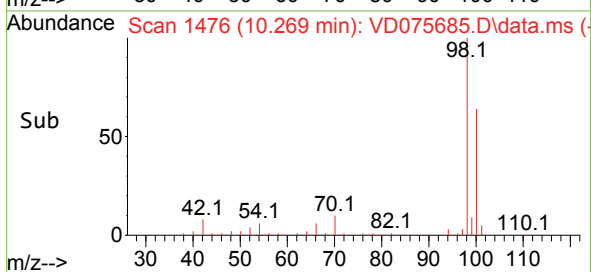
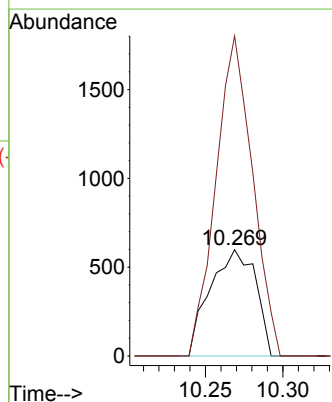
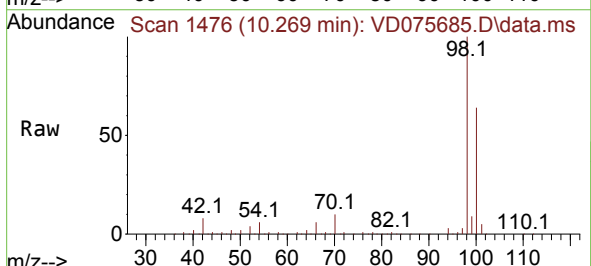
Instrument :
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JPP-1-040723RE

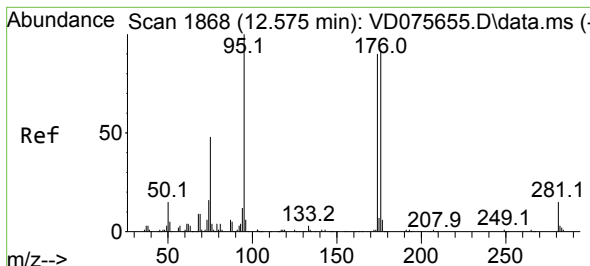
Tgt Ion: 98 Resp: 451423
Ion Ratio Lower Upper
98 100
100 62.8 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 1.336 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD075685.D
Acq: 14 Apr 2023 18:01

Tgt Ion: 43 Resp: 1219
Ion Ratio Lower Upper
43 100
58 243.1 29.5 44.3#

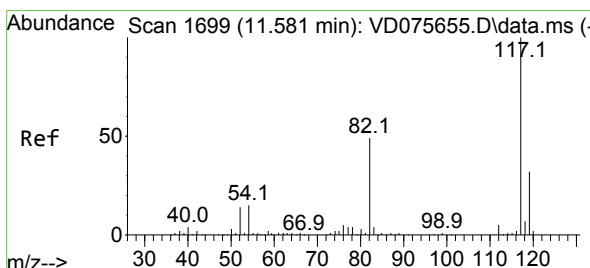
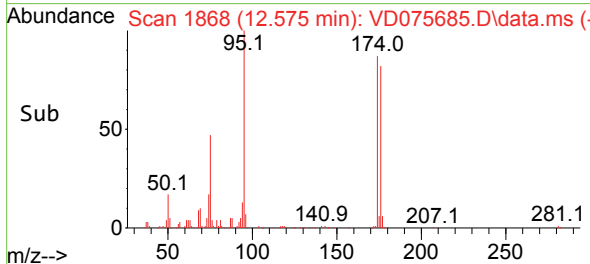
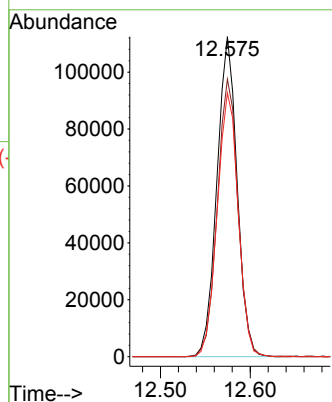
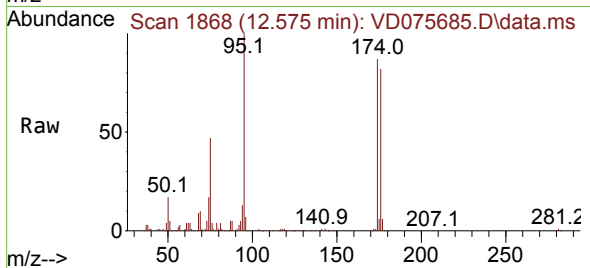




#62
4-Bromofluorobenzene
Concen: 73.725 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075685.D
Acq: 14 Apr 2023 18:01

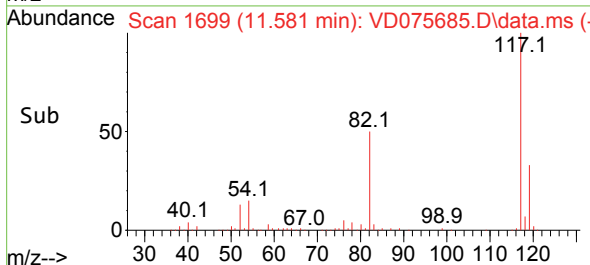
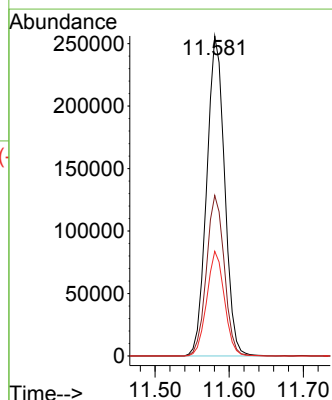
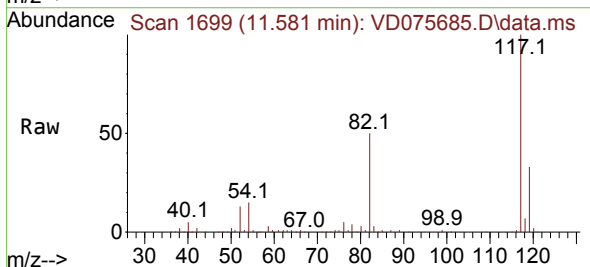
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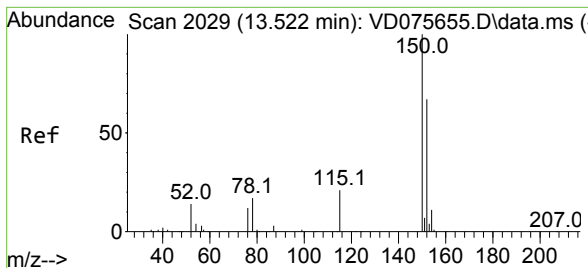
Tgt Ion: 95 Resp: 175460
Ion Ratio Lower Upper
95 100
174 88.7 0.0 164.0
176 85.5 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075685.D
Acq: 14 Apr 2023 18:01

Tgt Ion: 117 Resp: 429311
Ion Ratio Lower Upper
117 100
82 50.2 44.0 66.0
119 32.7 25.1 37.7

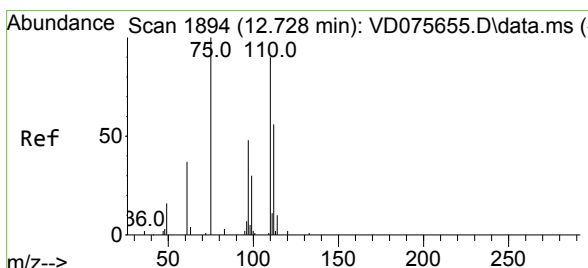
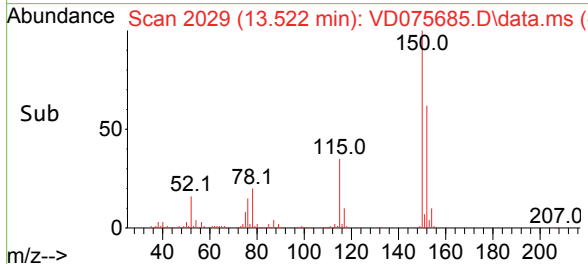
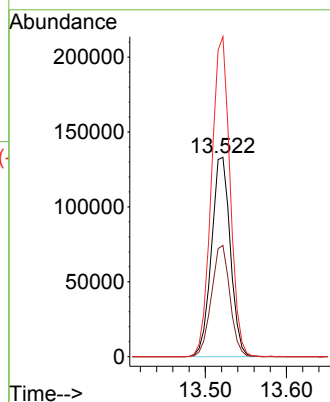
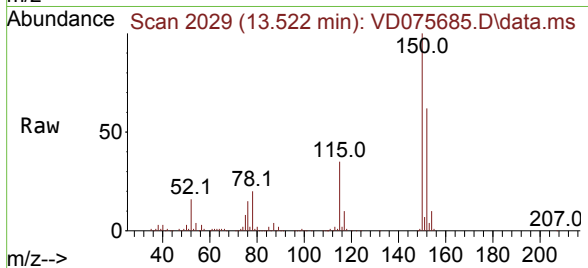




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 2029
 Delta R.T. -0.000 min
 Lab File: VD075685.D
 Acq: 14 Apr 2023 18:01

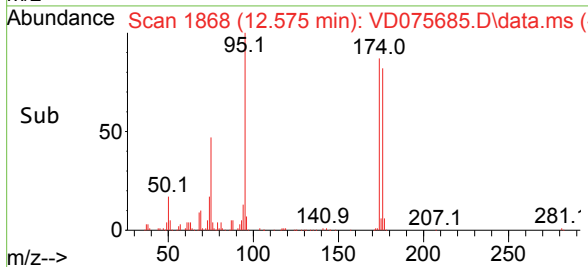
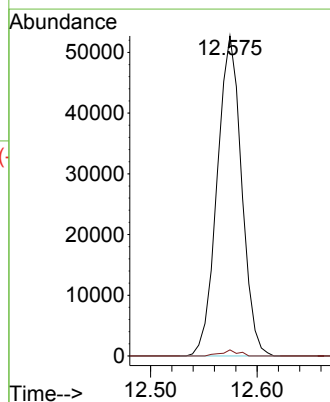
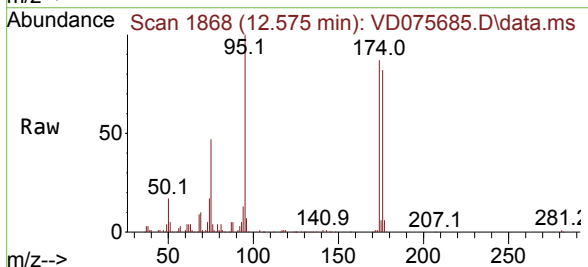
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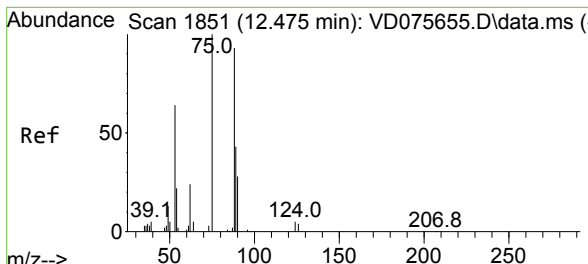
Tgt Ion:152 Resp: 214572
 Ion Ratio Lower Upper
 152 100
 115 55.0 30.1 90.3
 150 158.1 0.0 364.8



#76
 1,2,3-Trichloropropane
 Concen: 48.043 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD075685.D
 Acq: 14 Apr 2023 18:01

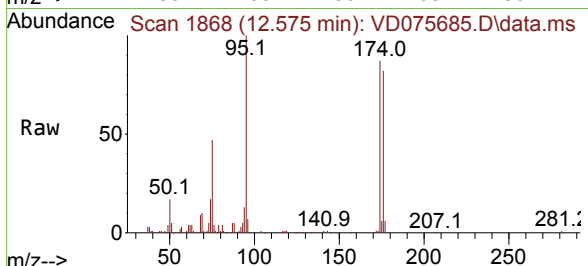
Tgt Ion: 75 Resp: 84066
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.128 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD075685.D
 Acq: 14 Apr 2023 18:01

Instrument :
 MSVOA_D
 ClientSampleId :
 JPP-1-040723RE



Tgt Ion:	75	Resp:	84066
Ion	Ratio	Lower	Upper
75	100		
53	0.0	90.5	135.7#
89	0.0	40.2	60.4#

