

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041723\
 Data File : VD075712.D
 Acq On : 17 Apr 2023 20:33
 Operator : KP/SY
 Sample : 02270-14
 Misc : 2.44G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-24-5-7-20230411

Quant Time: Apr 18 01:19:46 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)

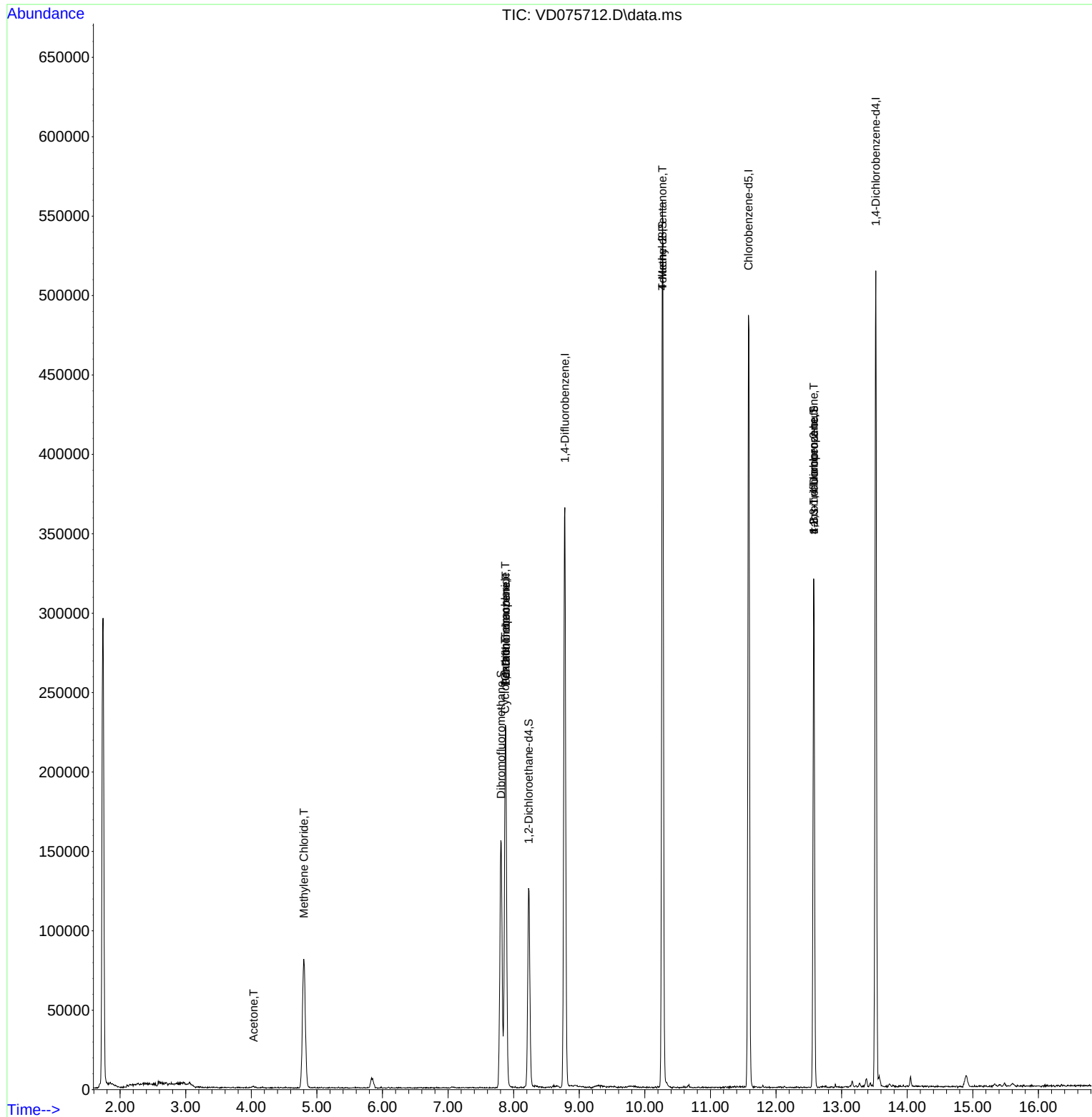
Internal Standards						
1) Pentafluorobenzene	7.881	168	188010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	359720	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	319539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	154589	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	96719	54.197	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	108.400%	
35) Dibromofluoromethane	7.810	113	118849	49.122	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	98.240%	
50) Toluene-d8	10.269	98	417549	43.095	ug/l	0.00
Spiked Amount 50.000	Range 49	- 140	Recovery	=	86.200%	
62) 4-Bromofluorobenzene	12.575	95	100242	38.924	ug/l	0.00
Spiked Amount 50.000	Range 25	- 144	Recovery	=	77.840%	
Target Compounds						
					Qvalue	
16) Acetone	4.034	43	2032	6.215	ug/l #	80
20) Methylene Chloride	4.805	84	73175	26.794	ug/l #	72
31) Cyclohexane	7.869	56	3640	1.300	ug/l #	1
36) 1,1-Dichloropropene	7.881	75	14285	4.280	ug/l #	49
38) Carbon Tetrachloride	7.875	117	17422	5.927	ug/l #	18
51) 4-Methyl-2-Pentanone	10.269	43	1033	1.046	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	49416	39.199	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	49416	84.959	ug/l #	5

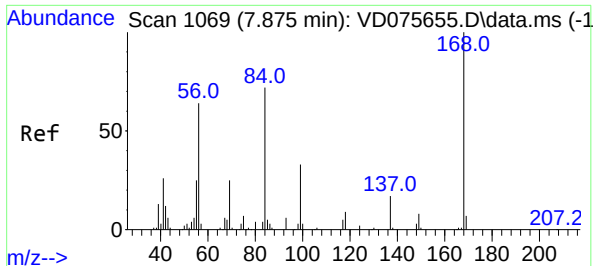
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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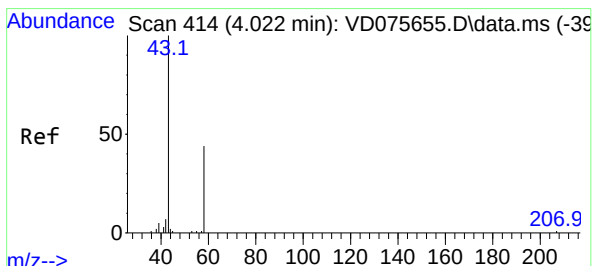
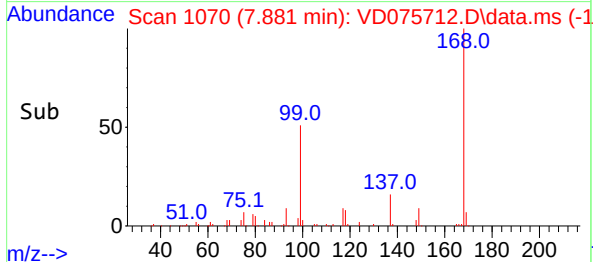
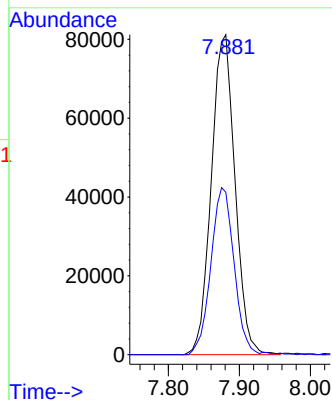
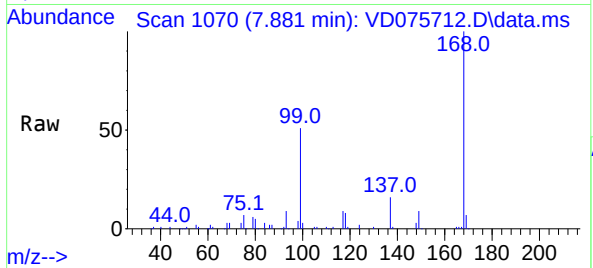




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075712.D
Acq: 17 Apr 2023 20:33

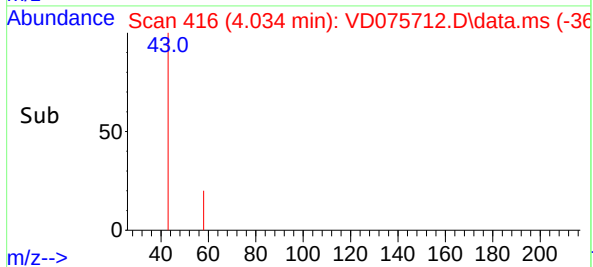
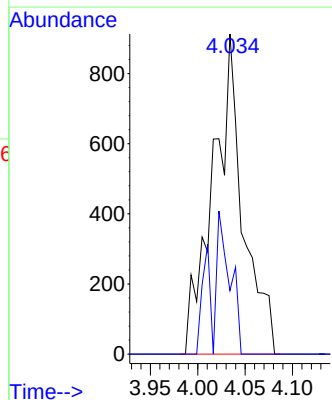
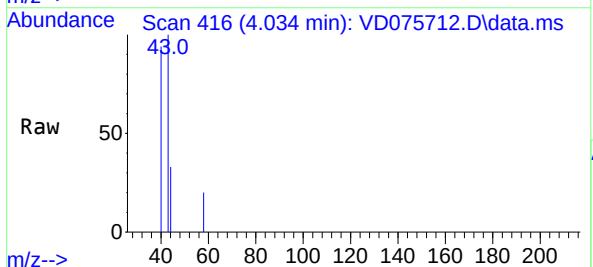
Instrument :
MSVOA_D
ClientSampleId :
SB-24-5-7-20230411

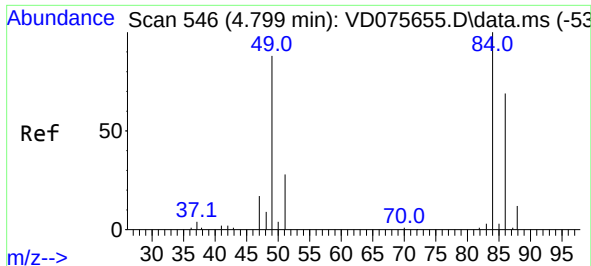
Tgt Ion:168 Resp: 188010
Ion Ratio Lower Upper
168 100
99 50.7 43.8 65.6



#16
Acetone
Concen: 6.215 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.012 min
Lab File: VD075712.D
Acq: 17 Apr 2023 20:33

Tgt Ion: 43 Resp: 2032
Ion Ratio Lower Upper
43 100
58 19.8 24.4 36.6#

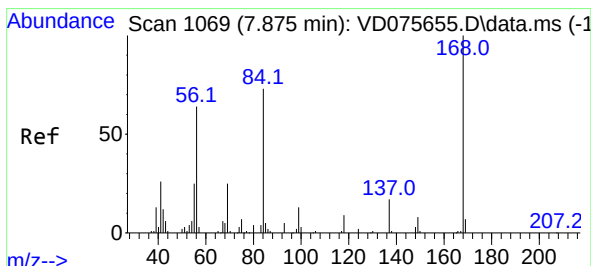
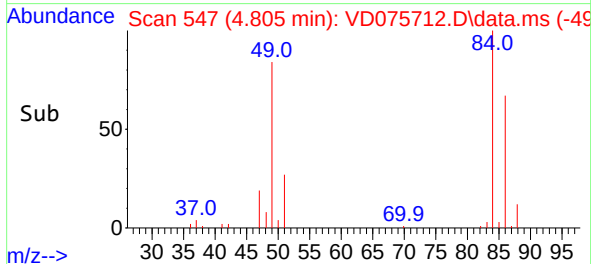
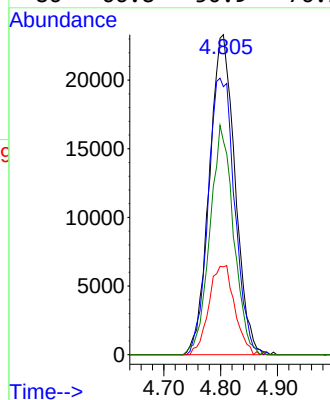
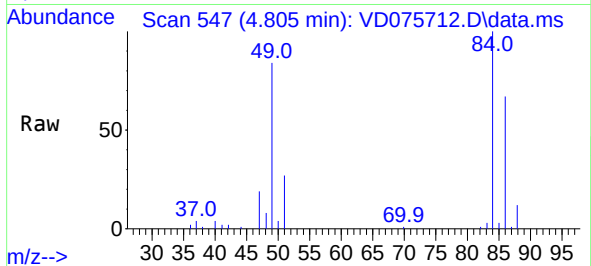




#20
Methylene Chloride
Concen: 26.794 ug/l
RT: 4.805 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD075712.D
Acq: 17 Apr 2023 20:33

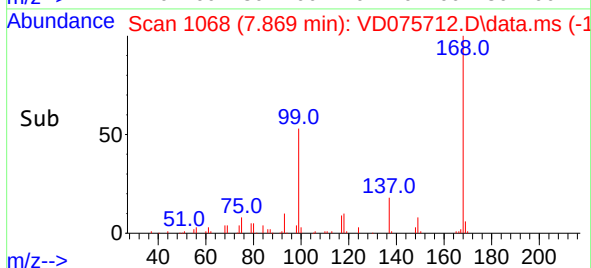
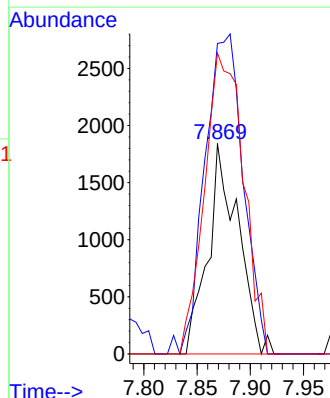
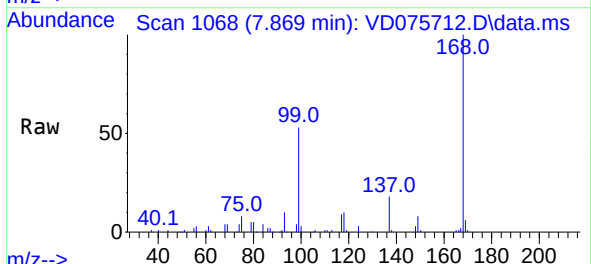
Instrument :
MSVOA_D
ClientSampleId :
SB-24-5-7-20230411

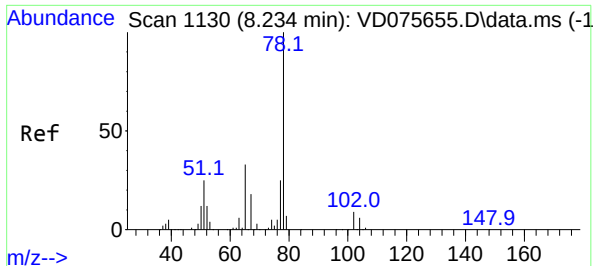
Tgt Ion:	84	Resp:	73175
Ion	Ratio	Lower	Upper
84	100		
49	83.7	106.4	159.6#
51	27.4	32.4	48.6#
86	66.8	50.9	76.3



#31
Cyclohexane
Concen: 1.300 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD075712.D
Acq: 17 Apr 2023 20:33

Tgt Ion:	56	Resp:	3640
Ion	Ratio	Lower	Upper
56	100		
69	147.5	25.5	38.3#
84	143.0	69.6	104.4#





#33

1,2-Dichloroethane-d4

Concen: 54.197 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD075712.D

Acq: 17 Apr 2023 20:33

Instrument :

MSVOA_D

ClientSampleId :

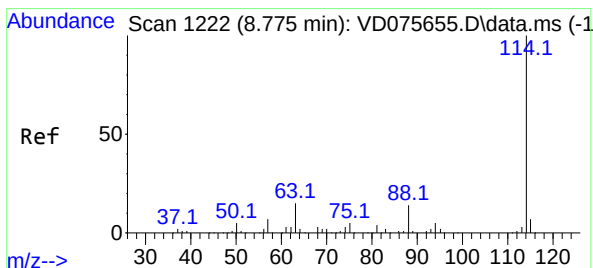
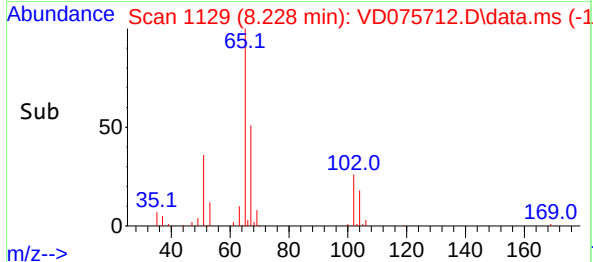
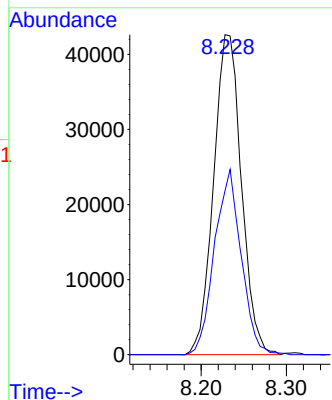
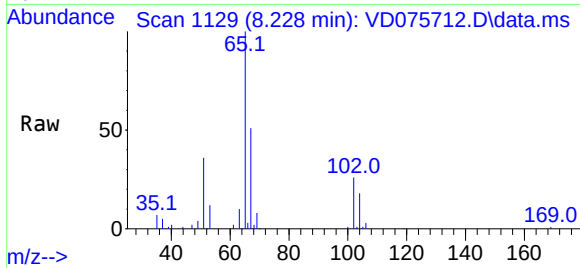
SB-24-5-7-20230411

Tgt Ion: 65 Resp: 96719

Ion Ratio Lower Upper

65 100

67 55.5 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD075712.D

Acq: 17 Apr 2023 20:33

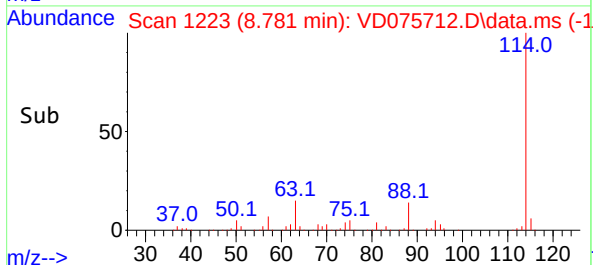
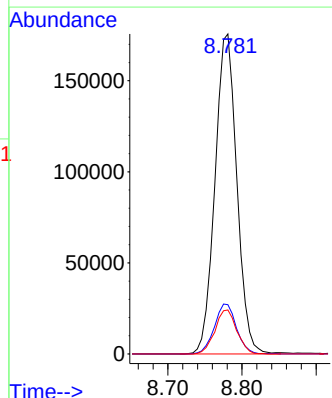
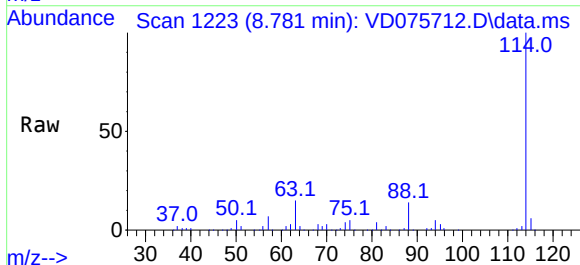
Tgt Ion: 114 Resp: 359720

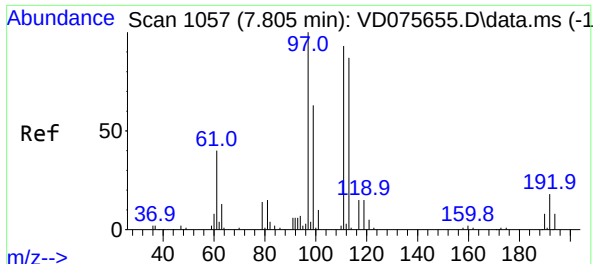
Ion Ratio Lower Upper

114 100

63 15.4 0.0 41.6

88 13.7 0.0 30.6

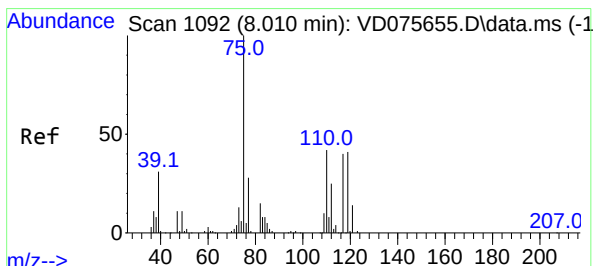
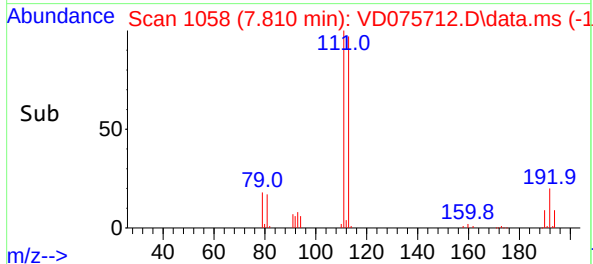
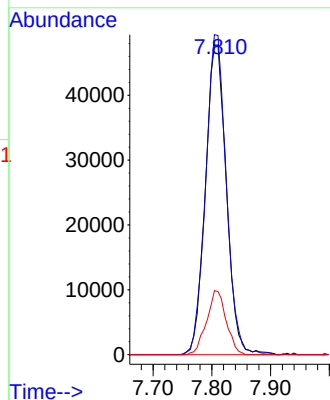
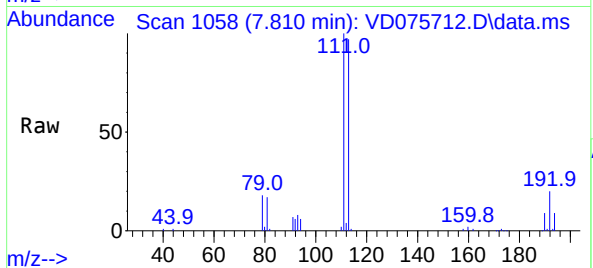




#35
Dibromofluoromethane
Concen: 49.122 ug/l
RT: 7.810 min Scan# 1057
Delta R.T. 0.005 min
Lab File: VD075712.D
Acq: 17 Apr 2023 20:33

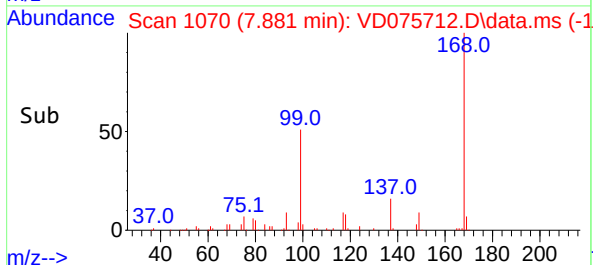
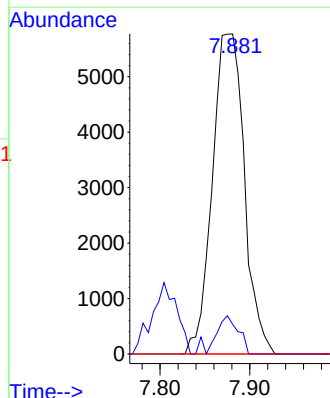
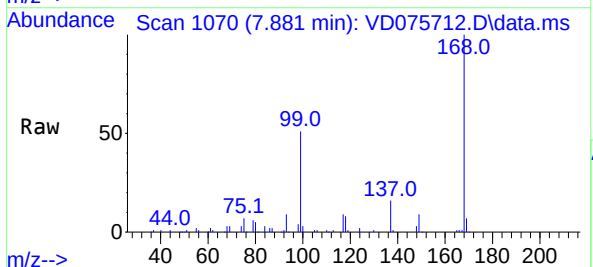
Instrument :
MSVOA_D
ClientSampleId :
SB-24-5-7-20230411

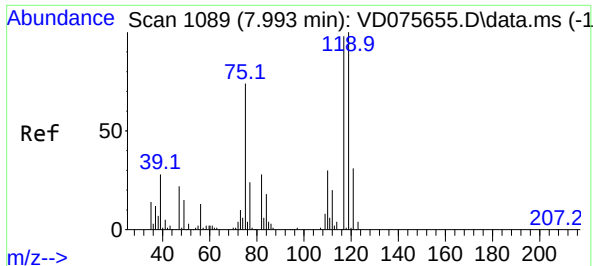
Tgt Ion:113 Resp: 118849
Ion Ratio Lower Upper
113 100
111 101.4 81.4 122.0
192 19.3 15.2 22.8



#36
1,1-Dichloropropene
Concen: 4.280 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.129 min
Lab File: VD075712.D
Acq: 17 Apr 2023 20:33

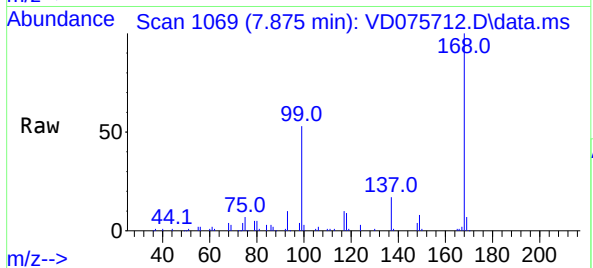
Tgt Ion: 75 Resp: 14285
Ion Ratio Lower Upper
75 100
110 7.8 17.1 51.2#
77 0.0 24.6 36.8#



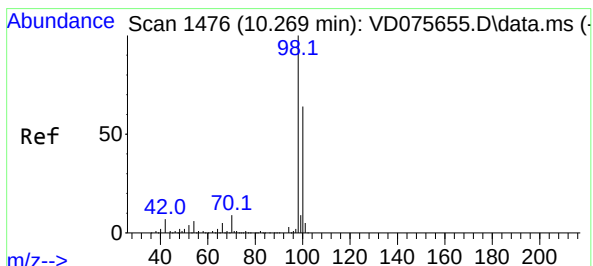
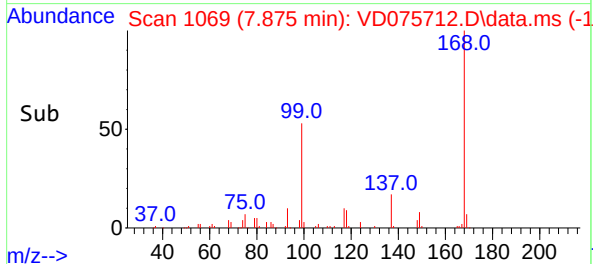
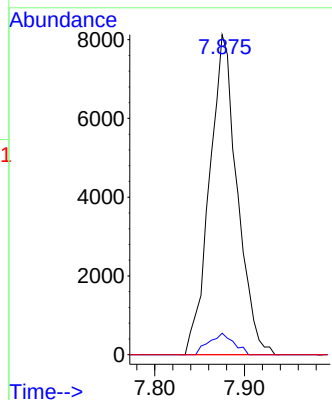


#38
Carbon Tetrachloride
Concen: 5.927 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD075712.D
Acq: 17 Apr 2023 20:33

Instrument :
MSVOA_D
ClientSampleId :
SB-24-5-7-20230411

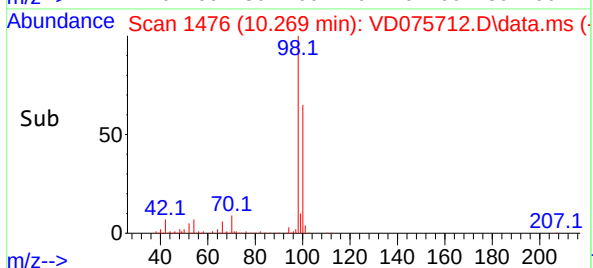
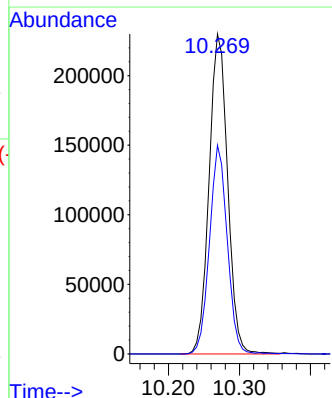
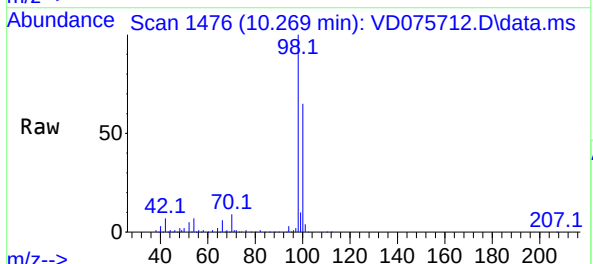


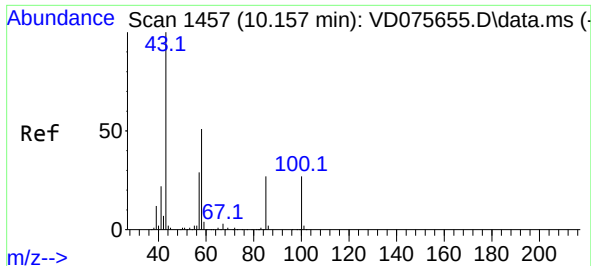
Tgt Ion:117 Resp: 17422
Ion Ratio Lower Upper
117 100
119 6.7 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 43.095 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075712.D
Acq: 17 Apr 2023 20:33

Tgt Ion: 98 Resp: 417549
Ion Ratio Lower Upper
98 100
100 62.5 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 1.046 ug/l

RT: 10.269 min Scan# 1457

Delta R.T. 0.112 min

Lab File: VD075712.D

Acq: 17 Apr 2023 20:33

Instrument :

MSVOA_D

ClientSampleId :

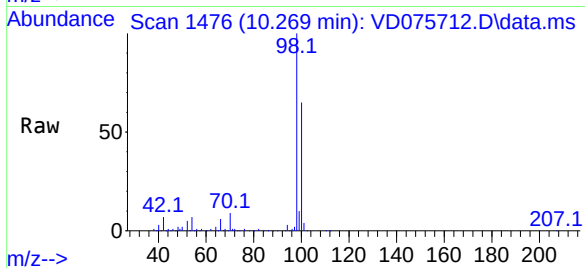
SB-24-5-7-20230411

Tgt Ion: 43 Resp: 1033

Ion Ratio Lower Upper

43 100

58 274.3 29.5 44.3#



Abundance

1500

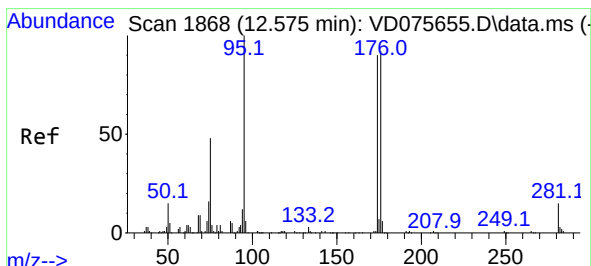
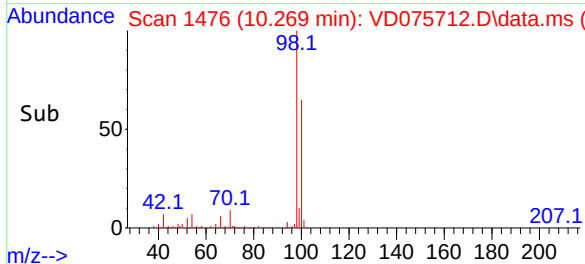
1000

500

0

10.269

Time-->



#62

4-Bromofluorobenzene

Concen: 38.924 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD075712.D

Acq: 17 Apr 2023 20:33

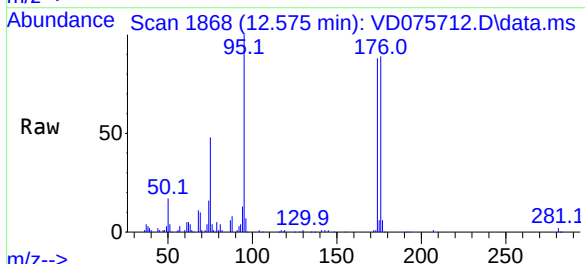
Tgt Ion: 95 Resp: 100242

Ion Ratio Lower Upper

95 100

174 89.9 0.0 164.0

176 86.9 0.0 156.8



Abundance

60000

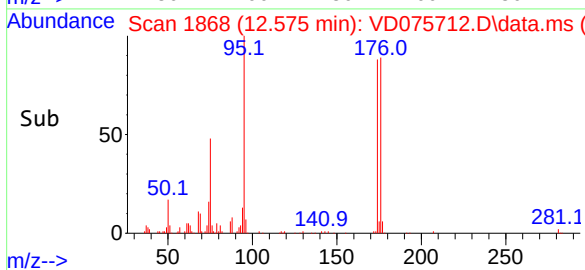
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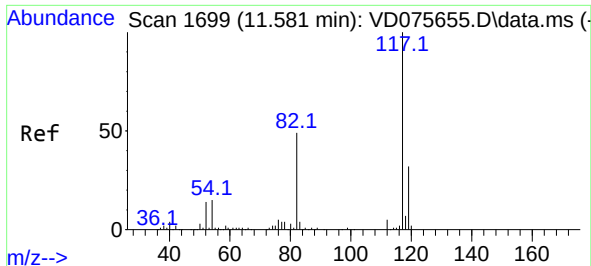
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0

12.575

Time-->

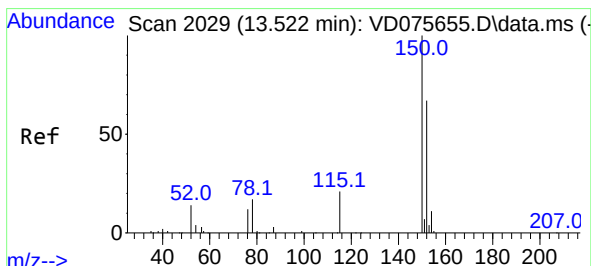
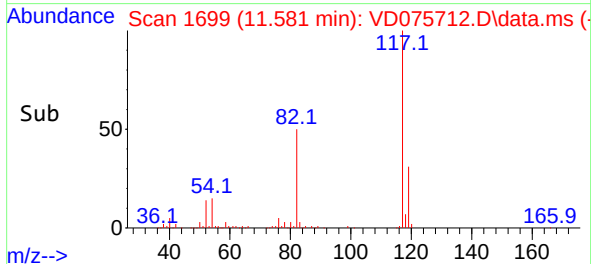
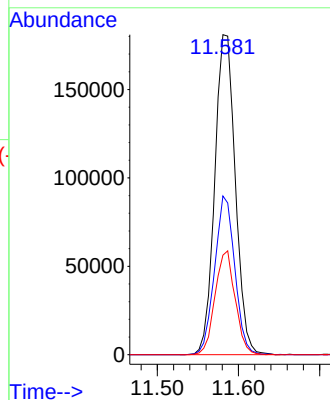
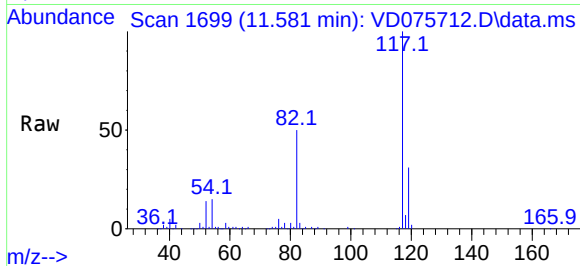




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075712.D
Acq: 17 Apr 2023 20:33

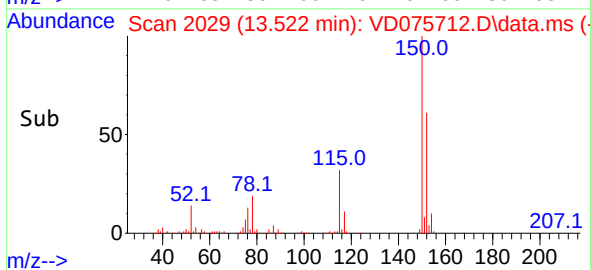
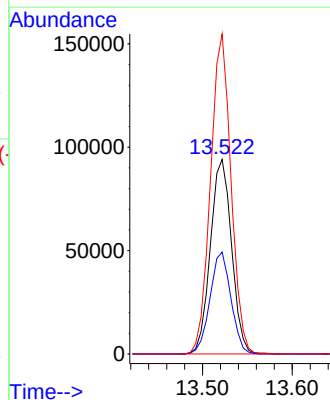
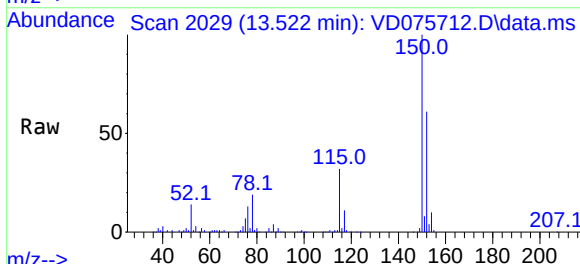
Instrument :
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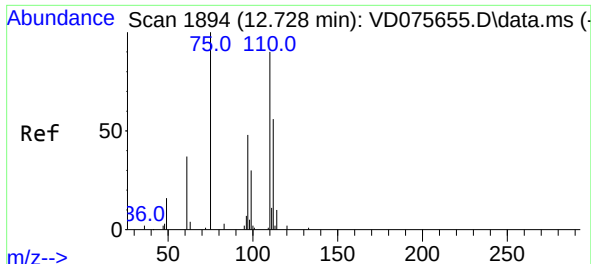
Tgt Ion:	117	Resp:	319539
Ion	Ratio	Lower	Upper
117	100		
82	49.6	44.0	66.0
119	31.1	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075712.D
Acq: 17 Apr 2023 20:33

Tgt Ion:	152	Resp:	154589
Ion	Ratio	Lower	Upper
152	100		
115	51.6	30.1	90.3
150	159.0	0.0	364.8

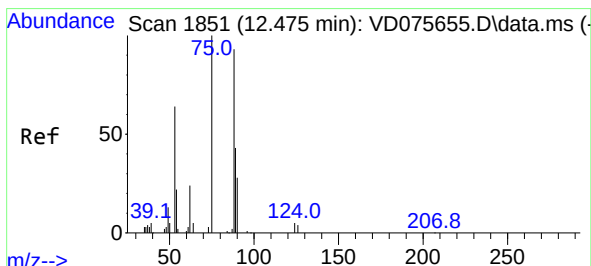
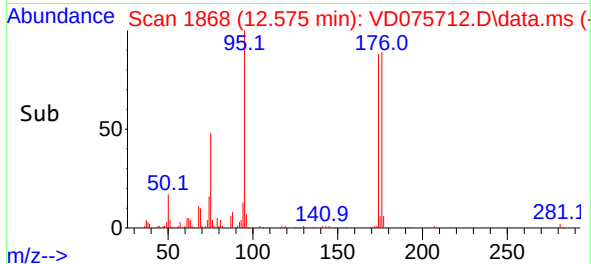
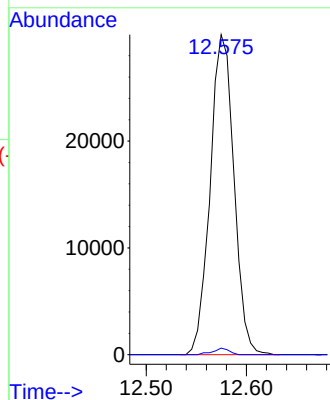
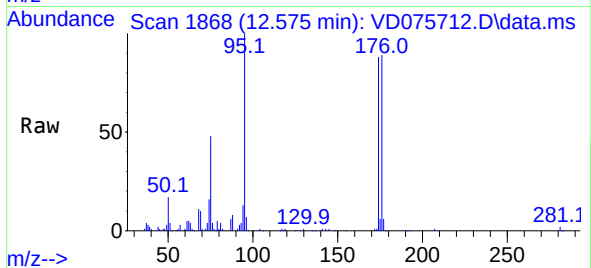




#76
1,2,3-Trichloropropane
Concen: 39.199 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075712.D
Acq: 17 Apr 2023 20:33

Instrument :
MSVOA_D
ClientSampleId :
SB-24-5-7-20230411

Tgt Ion: 75 Resp: 49416
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.959 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD075712.D
Acq: 17 Apr 2023 20:33

Tgt Ion: 75 Resp: 49416
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#

