

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020923\
 Data File : VD075296.D
 Acq On : 09 Feb 2023 16:03
 Operator : KP/SY
 Sample : 01481-13
 Misc : 5.96G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JPP-48-020723

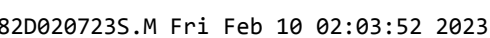
Quant Time: Feb 10 02:03:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

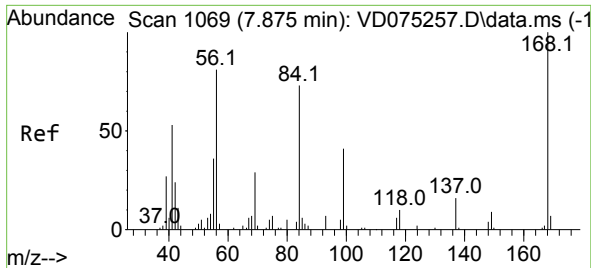
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.881	168	68154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	124131	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	123474	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	52942	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	38521	48.202	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.400%		
35) Dibromofluoromethane	7.804	113	39327	45.183	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.360%		
50) Toluene-d8	10.269	98	153310	46.445	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.900%		
62) 4-Bromofluorobenzene	12.575	95	49864	45.813	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	91.620%		
Target Compounds						
20) Methylene Chloride	4.804	84	2756	Below Cal	Qvalue	91
31) Cyclohexane	7.881	56	1824	1.285 ug/l #		51
36) 1,1-Dichloropropene	7.875	75	5930	4.374 ug/l #		45
38) Carbon Tetrachloride	7.875	117	6788	5.403 ug/l #		14
51) 4-Methyl-2-Pentanone	10.275	43	667	1.168 ug/l #		1
76) 1,2,3-Trichloropropane	12.575	75	27442	45.634 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.575	75	27442	144.018 ug/l #		14

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

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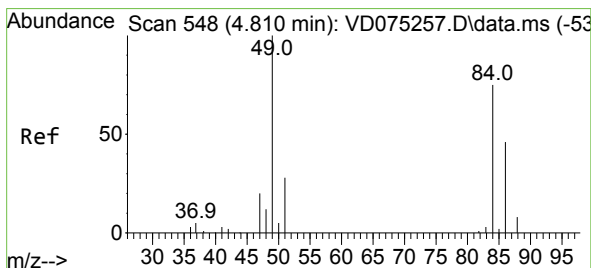
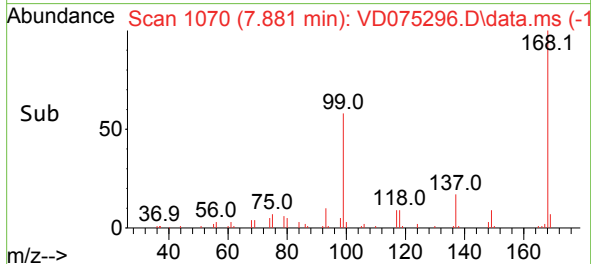
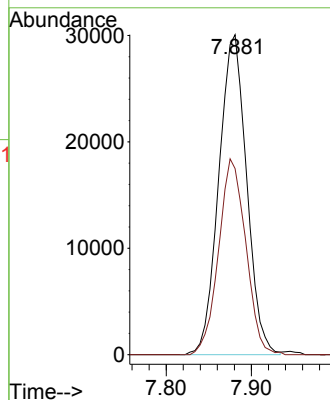
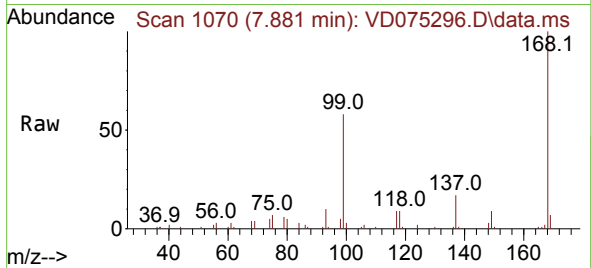




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD075296.D
Acq: 09 Feb 2023 16:03

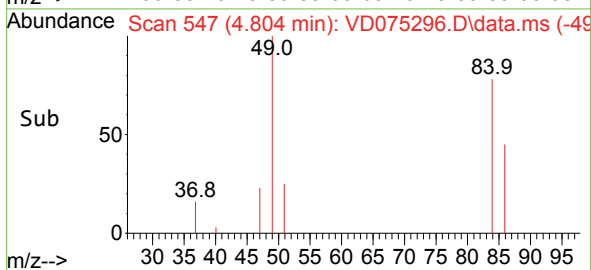
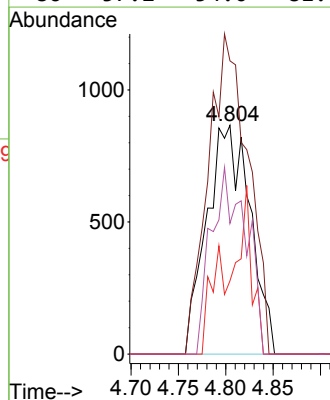
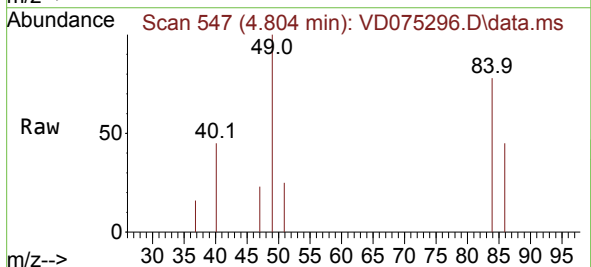
Instrument :
MSVOA_D
ClientSampleId :
JPP-48-020723

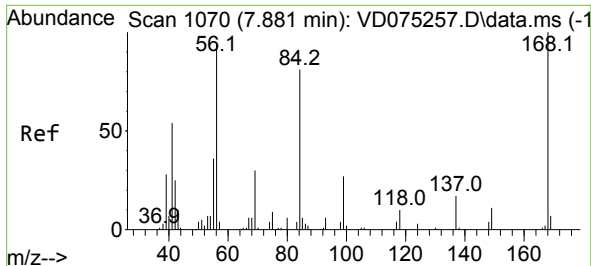
Tgt Ion:168 Resp: 68154
Ion Ratio Lower Upper
168 100
99 58.2 45.2 67.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.804 min Scan# 547
Delta R.T. -0.006 min
Lab File: VD075296.D
Acq: 09 Feb 2023 16:03

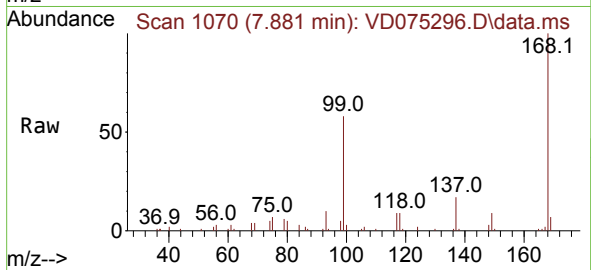
Tgt Ion: 84 Resp: 2756
Ion Ratio Lower Upper
84 100
49 128.2 97.0 145.6
51 32.0 30.9 46.3
86 57.2 54.0 81.0



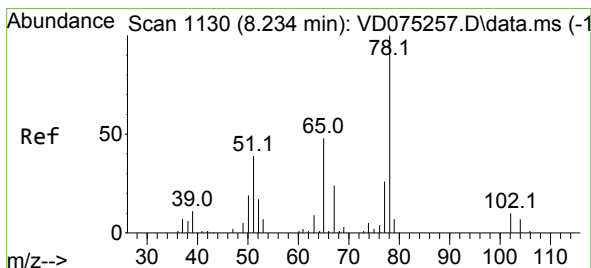
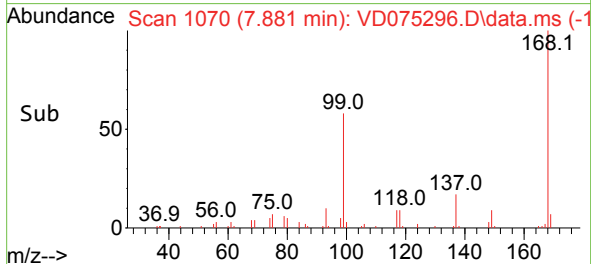
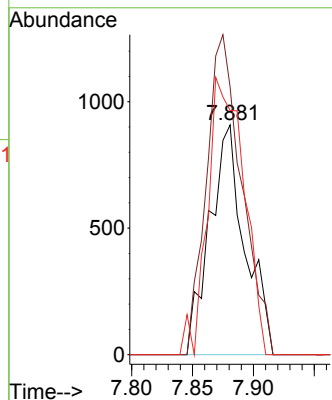


#31
Cyclohexane
Concen: 1.285 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD075296.D
Acq: 09 Feb 2023 16:03

Instrument :
MSVOA_D
ClientSampleId :
JPP-48-020723

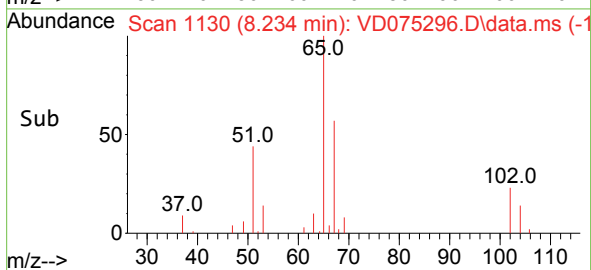
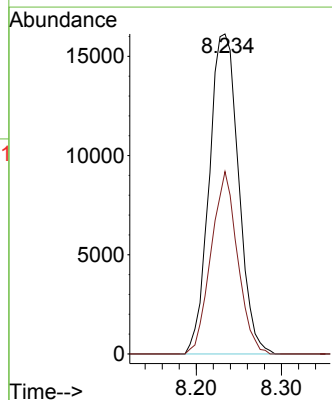
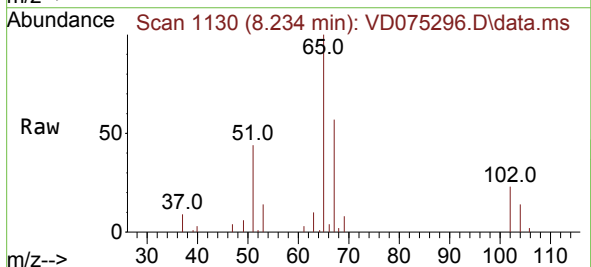


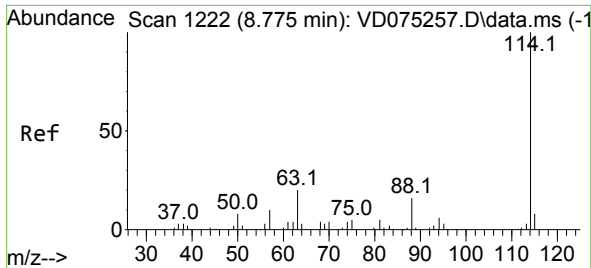
Tgt Ion: 56 Resp: 1824
Ion Ratio Lower Upper
56 100
69 116.5 26.6 40.0#
84 106.3 74.1 111.1



#33
1,2-Dichloroethane-d4
Concen: 48.202 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075296.D
Acq: 09 Feb 2023 16:03

Tgt Ion: 65 Resp: 38521
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075296.D

Acq: 09 Feb 2023 16:03

Instrument :

MSVOA_D

ClientSampleId :

JPP-48-020723

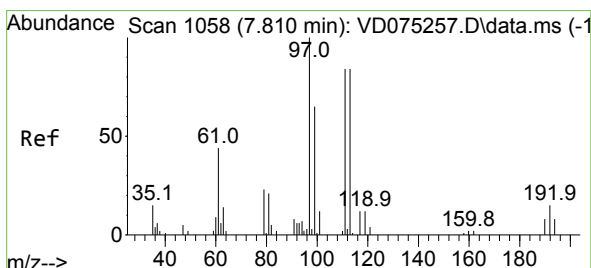
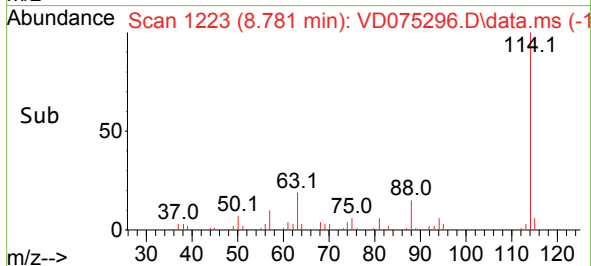
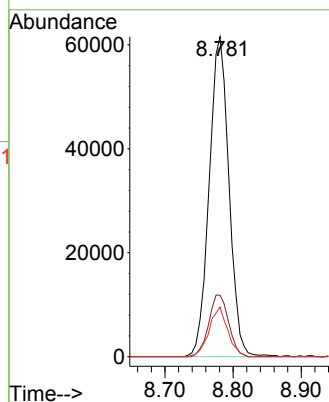
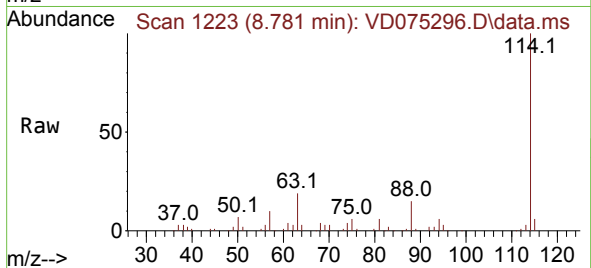
Tgt Ion:114 Resp: 124131

Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.2

88 15.5 0.0 32.2



#35

Dibromofluoromethane

Concen: 45.183 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD075296.D

Acq: 09 Feb 2023 16:03

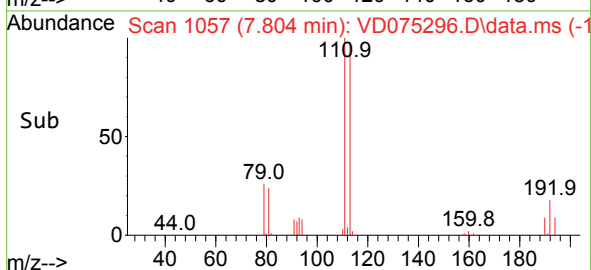
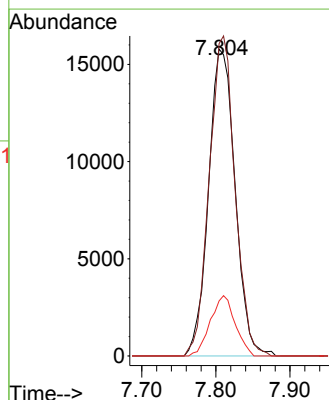
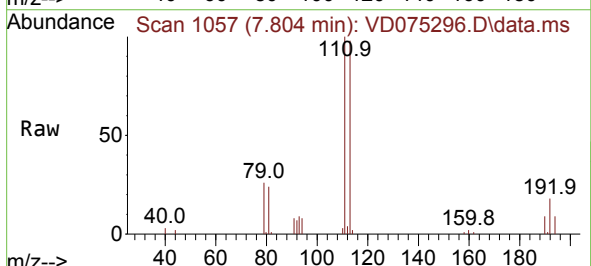
Tgt Ion:113 Resp: 39327

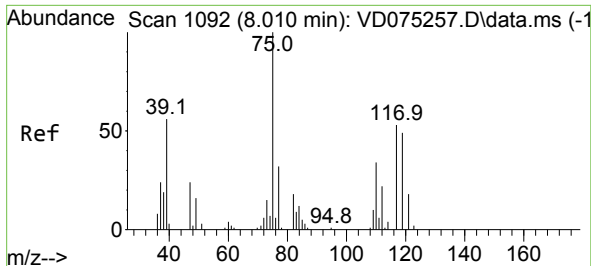
Ion Ratio Lower Upper

113 100

111 100.9 80.1 120.1

192 18.3 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.374 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD075296.D

Acq: 09 Feb 2023 16:03

Instrument :

MSVOA_D

ClientSampleId :

JPP-48-020723

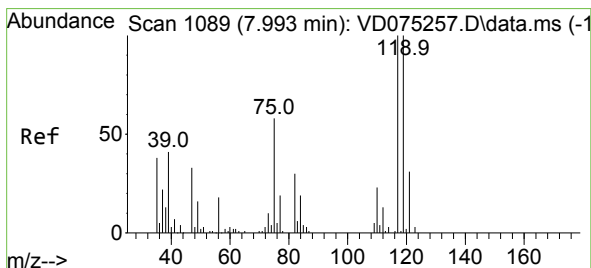
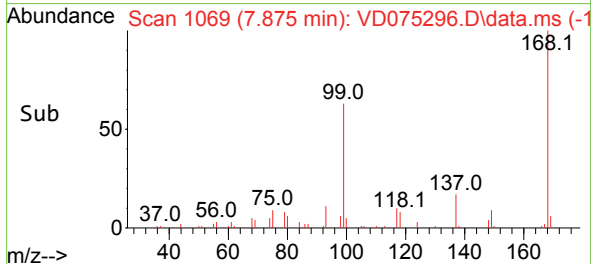
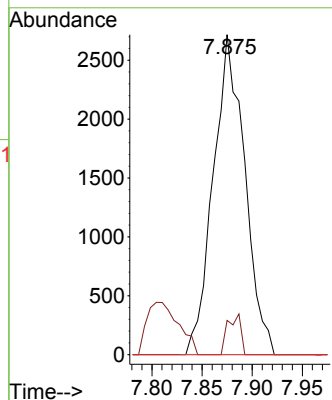
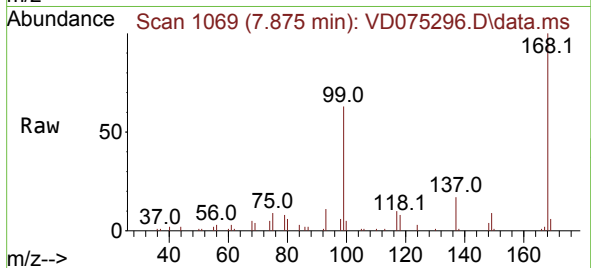
Tgt Ion: 75 Resp: 5930

Ion Ratio Lower Upper

75 100

110 5.3 18.1 54.4#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.403 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD075296.D

Acq: 09 Feb 2023 16:03

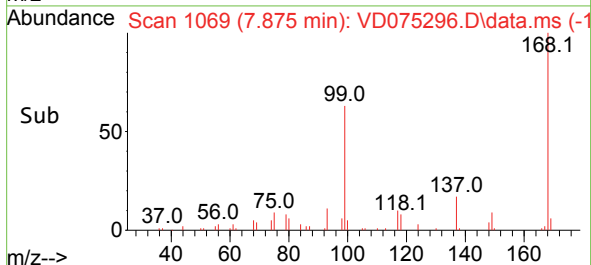
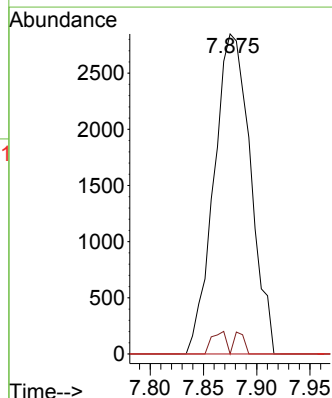
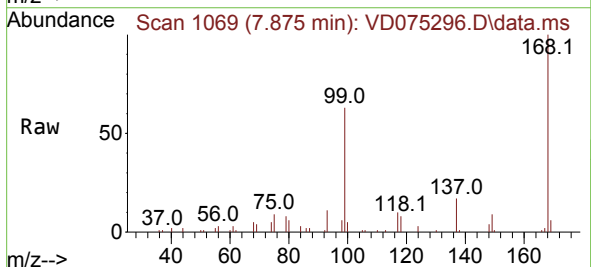
Tgt Ion: 117 Resp: 6788

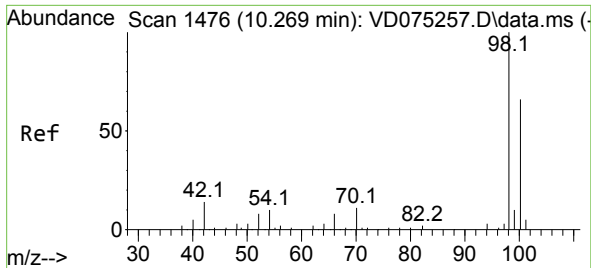
Ion Ratio Lower Upper

117 100

119 0.0 73.6 110.4#

121 0.0 25.4 38.0#

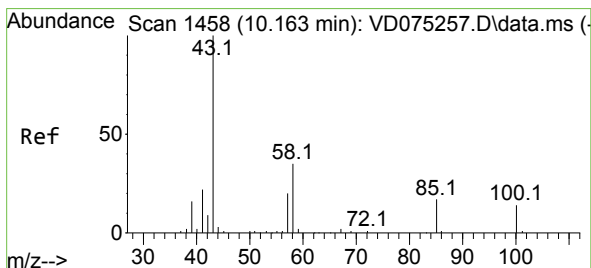
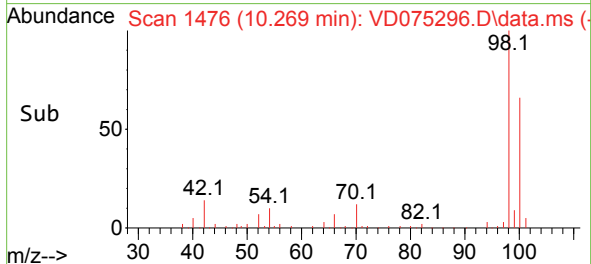
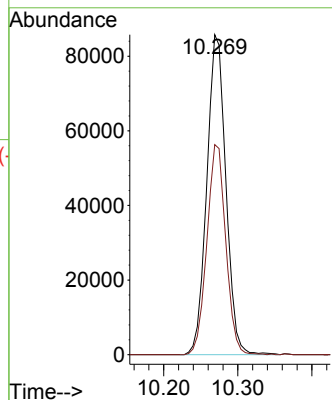
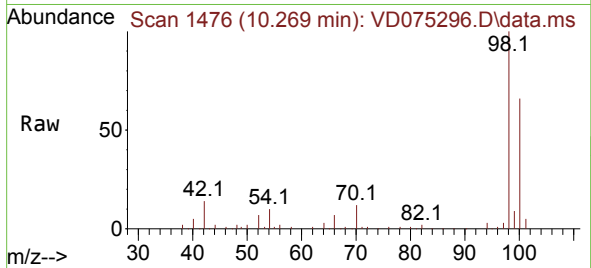




#50
Toluene-d8
Concen: 46.445 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075296.D
Acq: 09 Feb 2023 16:03

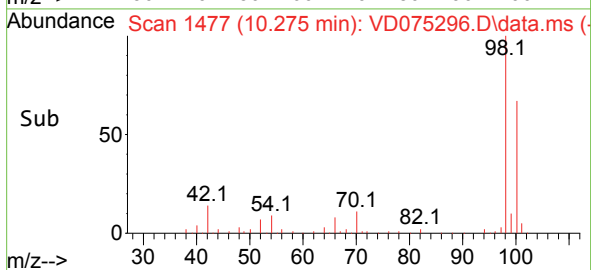
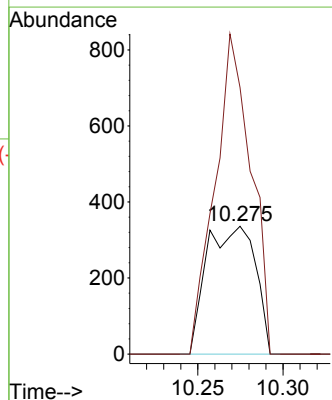
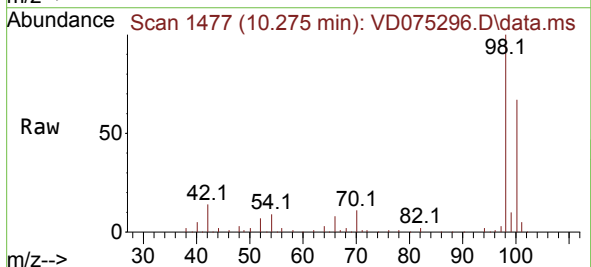
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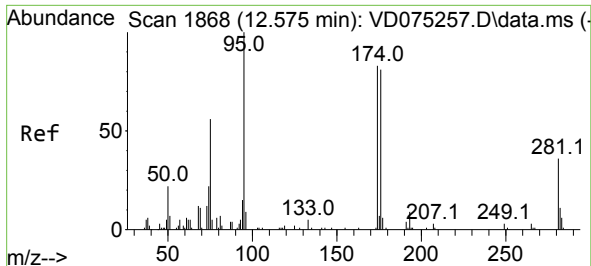
Tgt Ion: 98 Resp: 153310
Ion Ratio Lower Upper
98 100
100 65.0 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 1.168 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.112 min
Lab File: VD075296.D
Acq: 09 Feb 2023 16:03

Tgt Ion: 43 Resp: 667
Ion Ratio Lower Upper
43 100
58 186.5 31.4 47.0#

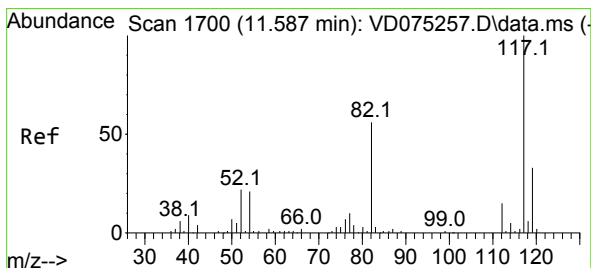
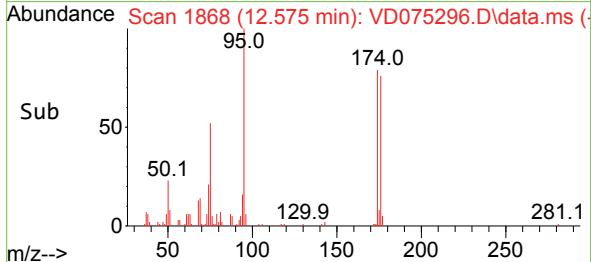
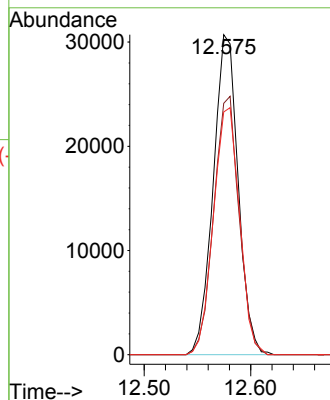
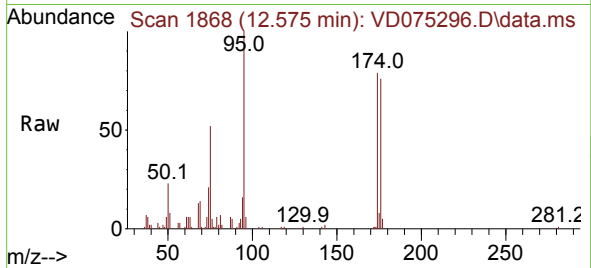




#62
4-Bromofluorobenzene
Concen: 45.813 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075296.D
Acq: 09 Feb 2023 16:03

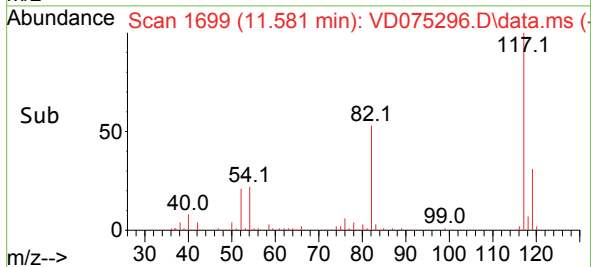
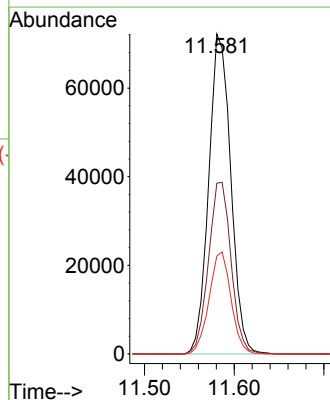
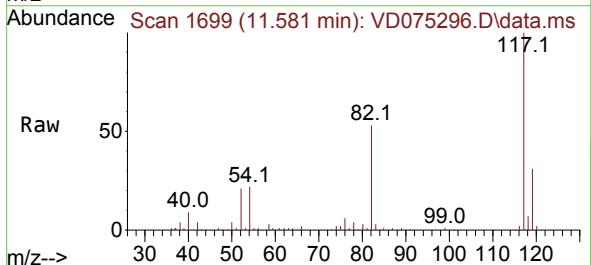
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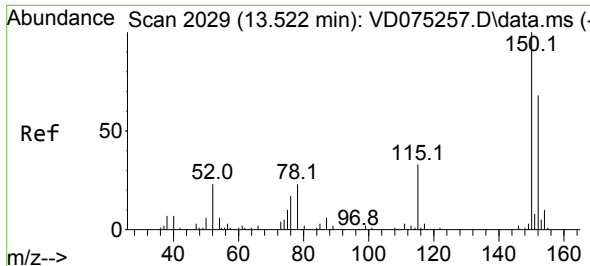
Tgt Ion: 95 Resp: 49864
Ion Ratio Lower Upper
95 100
174 81.9 0.0 161.2
176 80.9 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075296.D
Acq: 09 Feb 2023 16:03

Tgt Ion: 117 Resp: 123474
Ion Ratio Lower Upper
117 100
82 53.4 39.6 59.4
119 30.6 24.6 37.0

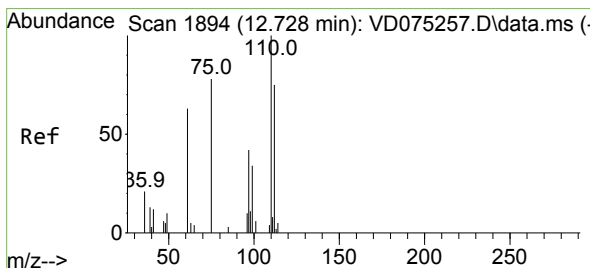
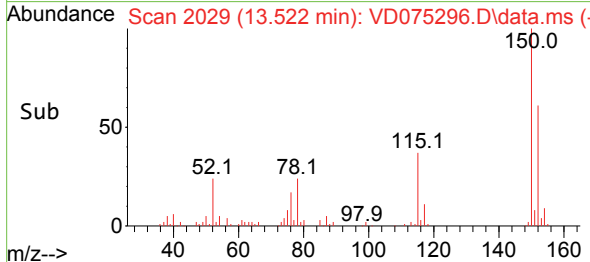
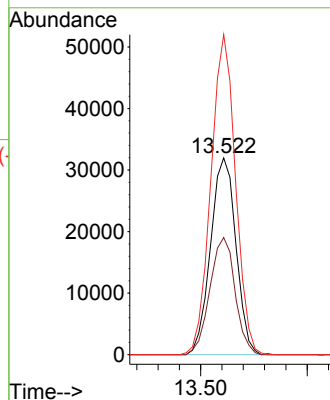
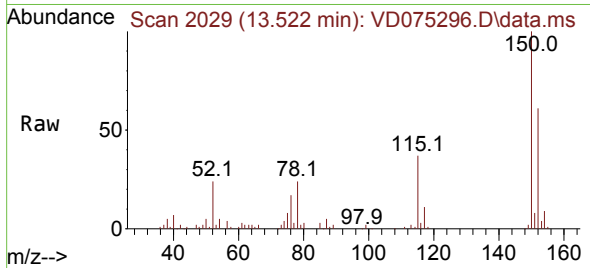




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 2029
 Delta R.T. -0.000 min
 Lab File: VD075296.D
 Acq: 09 Feb 2023 16:03

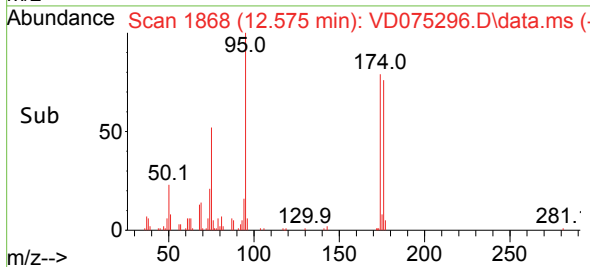
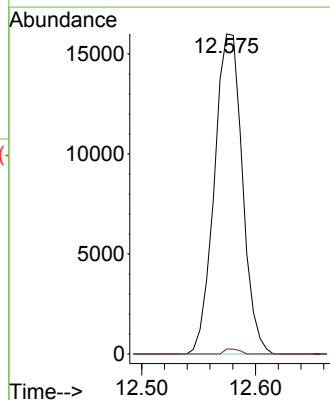
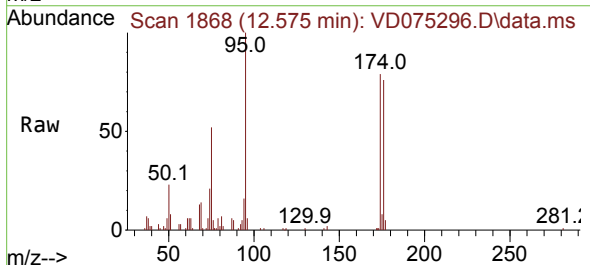
Instrument :
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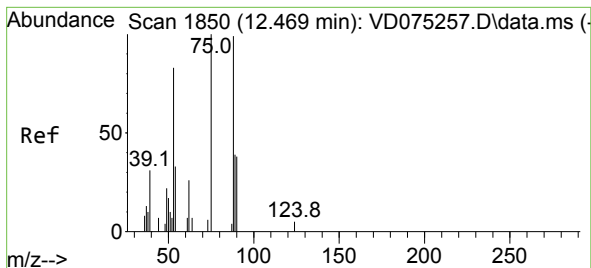
Tgt Ion:152 Resp: 52942
 Ion Ratio Lower Upper
 152 100
 115 59.0 28.8 86.4
 150 157.2 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 45.634 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD075296.D
 Acq: 09 Feb 2023 16:03

Tgt Ion: 75 Resp: 27442
 Ion Ratio Lower Upper
 75 100
 77 0.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 144.018 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD075296.D
 Acq: 09 Feb 2023 16:03

Instrument :
 MSVOA_D
 ClientSampleId :
 JPP-48-020723

Tgt Ion: 75 Resp: 27442
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.5 105.7#
 89 0.0 34.6 52.0#

