

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020923\
 Data File : VD075292.D
 Acq On : 09 Feb 2023 14:11
 Operator : KP/SY
 Sample : 01510-13
 Misc : 5.58G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JPP-59-020823

Quant Time: Feb 10 02:02:05 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

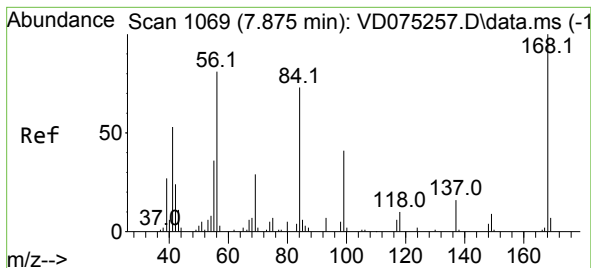
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	64631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	120060	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	118603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	47293	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	38661	51.014	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.020%	
35) Dibromofluoromethane	7.810	113	40701	48.347	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.700%	
50) Toluene-d8	10.269	98	153339	48.029	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.060%	
62) 4-Bromofluorobenzene	12.575	95	47112	44.752	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.500%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.152	50	124	Below Cal	#	41
20) Methylene Chloride	4.810	84	3750	Below Cal		95
31) Cyclohexane	7.881	56	1519	1.129	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	5761	4.393	ug/l #	48
38) Carbon Tetrachloride	7.881	117	6807	5.602	ug/l #	19
51) 4-Methyl-2-Pentanone	10.275	43	622	1.126	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	26173	48.723	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	26173	153.623	ug/l #	14

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

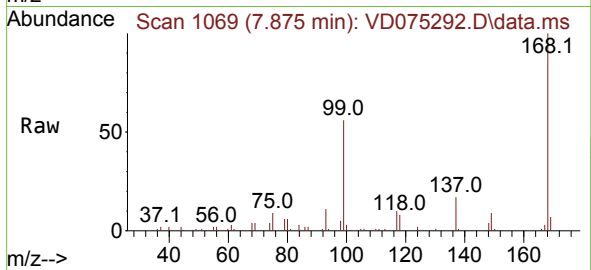
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 08 04:26:58 2023
Response via : Initial Calibration



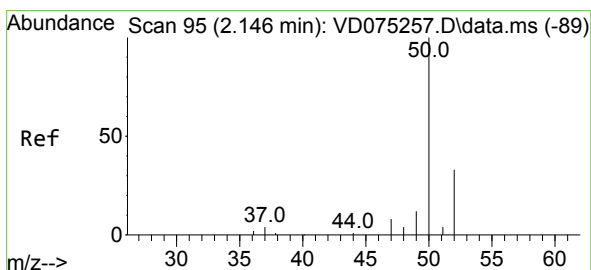
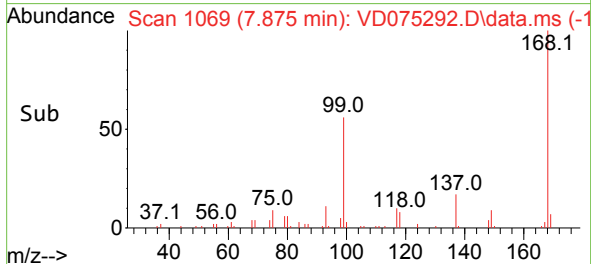
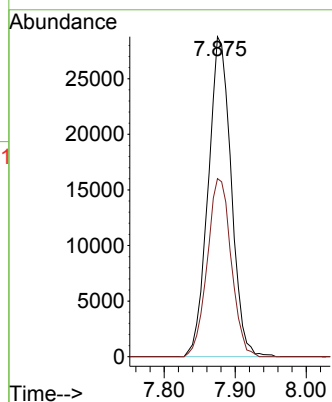


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075292.D
Acq: 09 Feb 2023 14:11

Instrument :
MSVOA_D
ClientSampleId :
JPP-59-020823

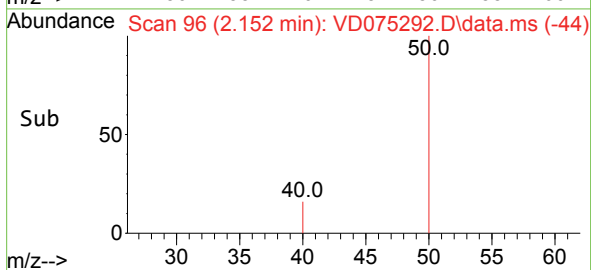
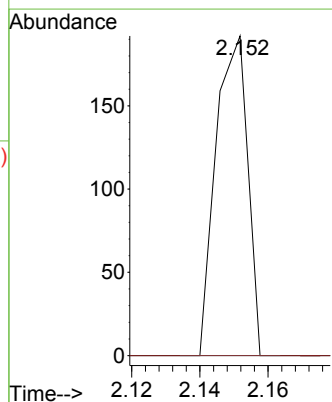
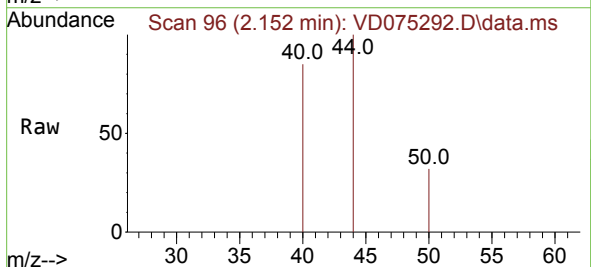


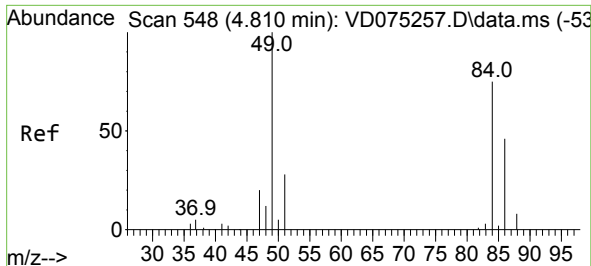
Tgt Ion:168 Resp: 64631
Ion Ratio Lower Upper
168 100
99 55.6 45.2 67.8



#3
Chloromethane
Concen: Below Cal
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD075292.D
Acq: 09 Feb 2023 14:11

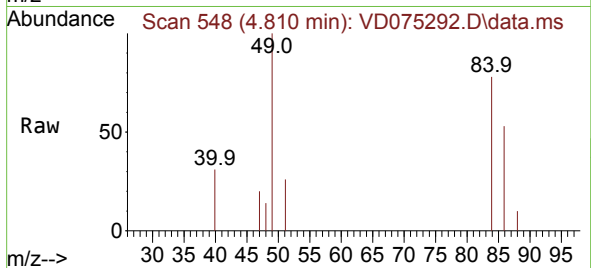
Tgt Ion: 50 Resp: 124
Ion Ratio Lower Upper
50 100
52 0.0 27.0 40.6#



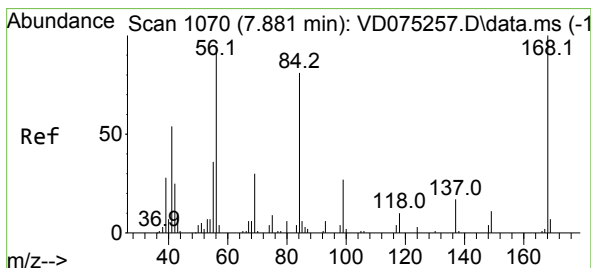
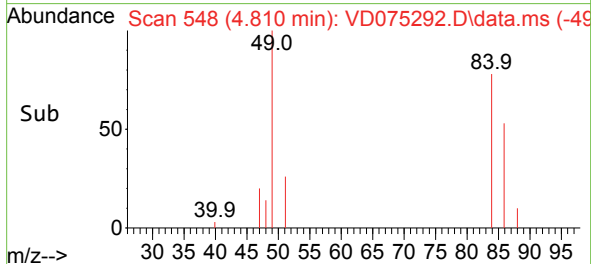
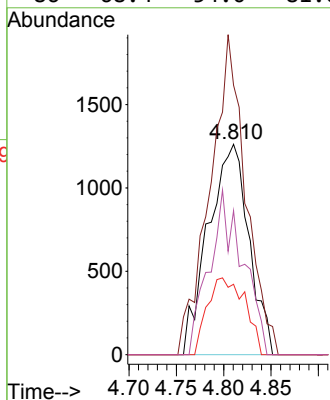


#20
Methylene Chloride
Concen: Below Cal
RT: 4.810 min Scan# 54
Delta R.T. 0.000 min
Lab File: VD075292.D
Acq: 09 Feb 2023 14:11

Instrument :
MSVOA_D
ClientSampleId :
JPP-59-020823

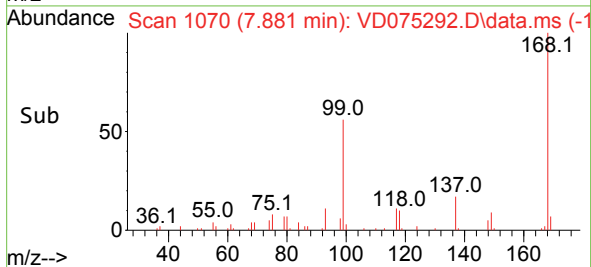
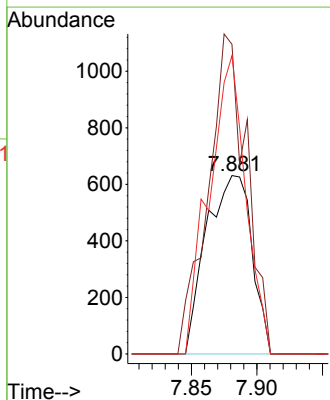
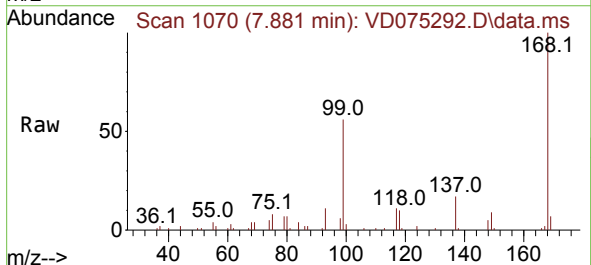


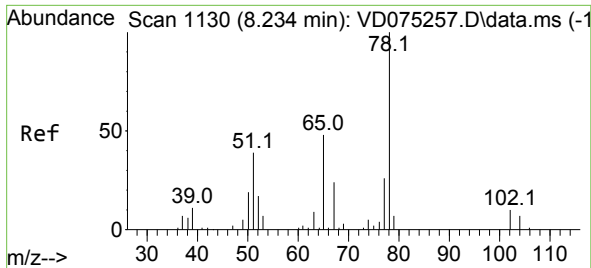
Tgt Ion: 84	Resp: 3750
Ion Ratio	Lower Upper
84 100	
49 128.1	97.0 145.6
51 33.4	30.9 46.3
86 68.4	54.0 81.0



#31
Cyclohexane
Concen: 1.129 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD075292.D
Acq: 09 Feb 2023 14:11

Tgt Ion: 56	Resp: 1519
Ion Ratio	Lower Upper
56 100	
69 173.5	26.6 40.0#
84 167.2	74.1 111.1#

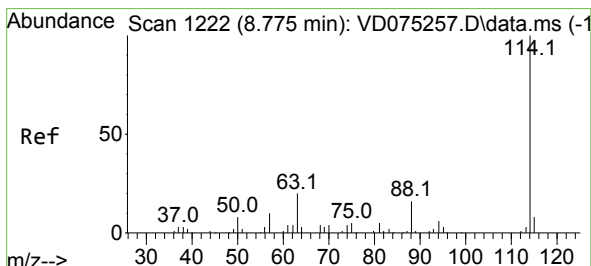
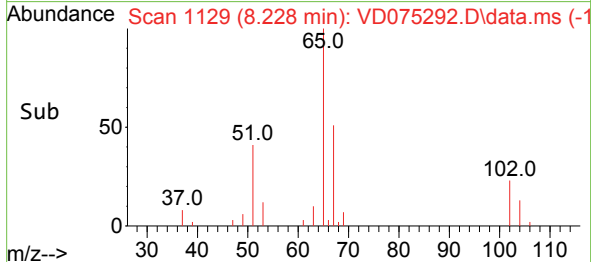
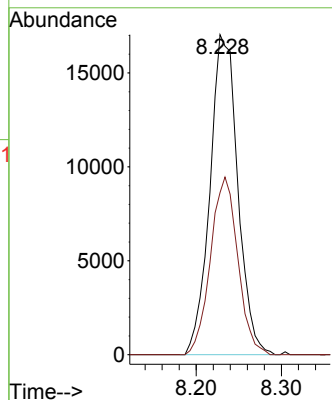
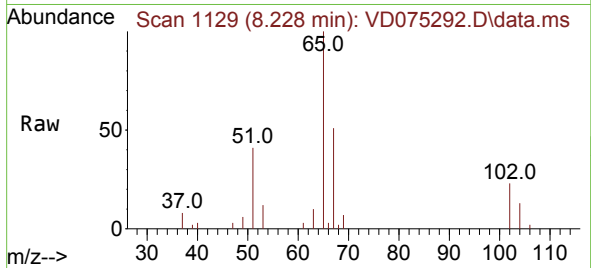




#33
 1,2-Dichloroethane-d4
 Concen: 51.014 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. -0.006 min
 Lab File: VD075292.D
 Acq: 09 Feb 2023 14:11

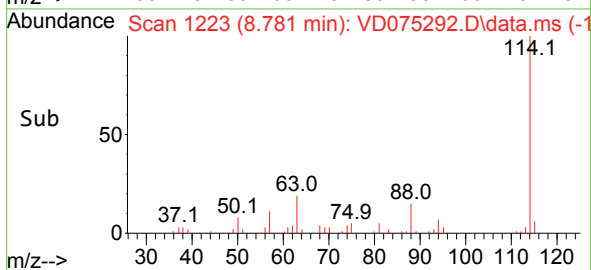
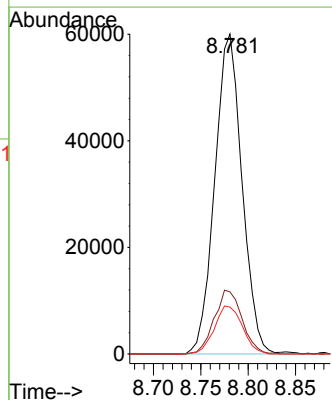
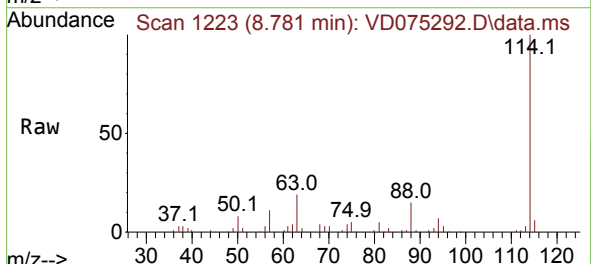
Instrument :
 MSVOA_D
 ClientSampleId :
 JPP-59-020823

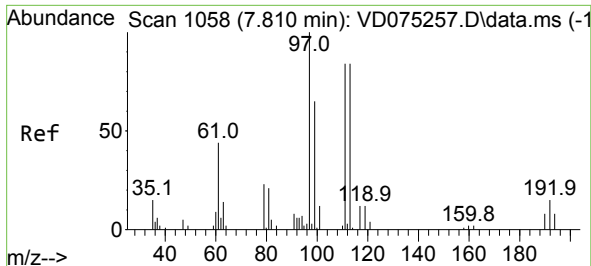
Tgt Ion: 65 Resp: 38661
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. 0.006 min
 Lab File: VD075292.D
 Acq: 09 Feb 2023 14:11

Tgt Ion: 114 Resp: 120060
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.2
 88 14.7 0.0 32.2





#35

Dibromofluoromethane

Concen: 48.347 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD075292.D

Acq: 09 Feb 2023 14:11

Instrument :

MSVOA_D

ClientSampleId :

JPP-59-020823

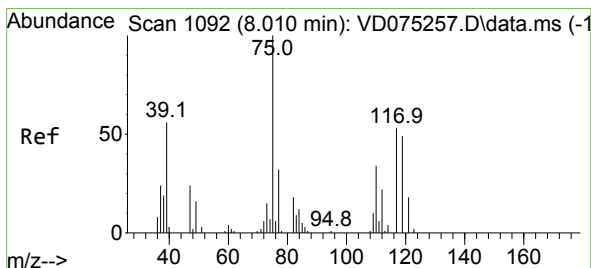
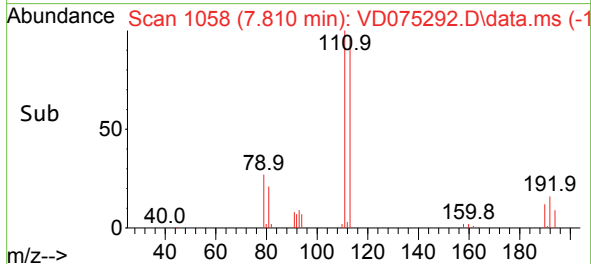
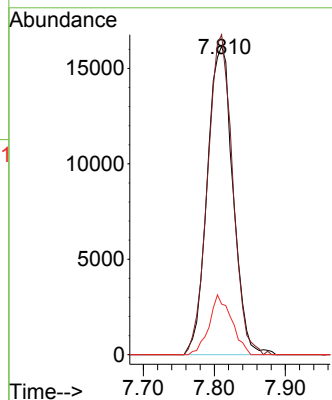
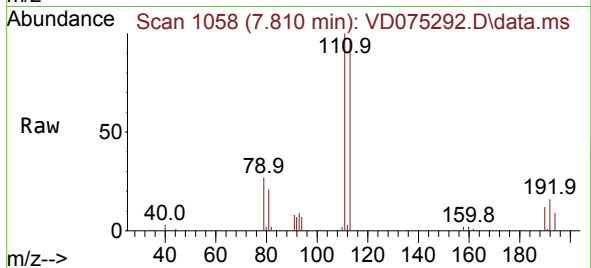
Tgt Ion:113 Resp: 40701

Ion Ratio Lower Upper

113 100

111 100.8 80.1 120.1

192 16.9 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.393 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD075292.D

Acq: 09 Feb 2023 14:11

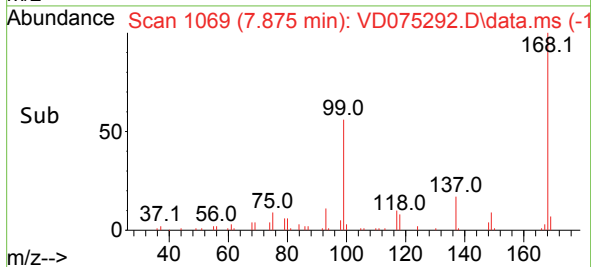
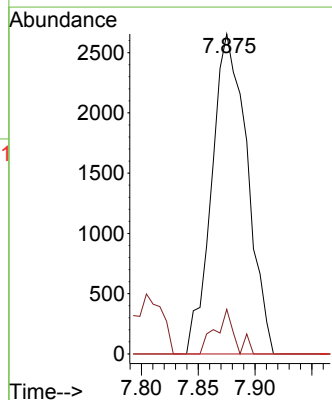
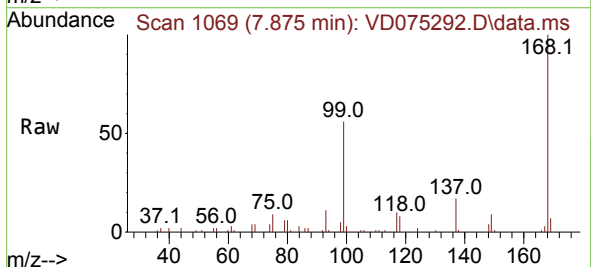
Tgt Ion: 75 Resp: 5761

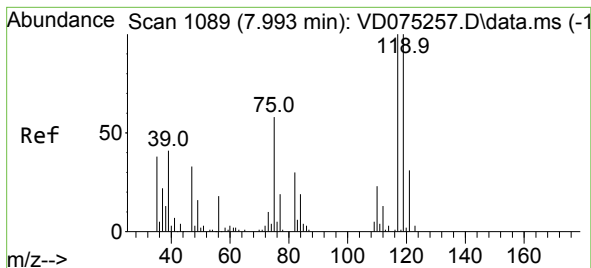
Ion Ratio Lower Upper

75 100

110 7.7 18.1 54.4#

77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 5.602 ug/l

RT: 7.881 min Scan# 1089

Delta R.T. -0.112 min

Lab File: VD075292.D

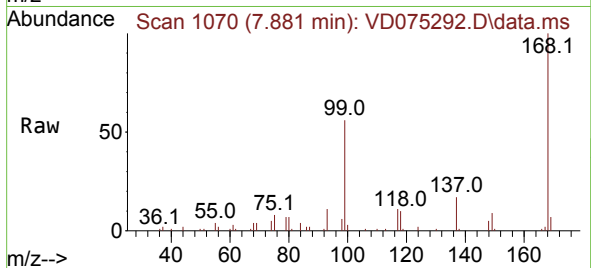
Acq: 09 Feb 2023 14:11

Instrument :

MSVOA_D

ClientSampleId :

JPP-59-020823



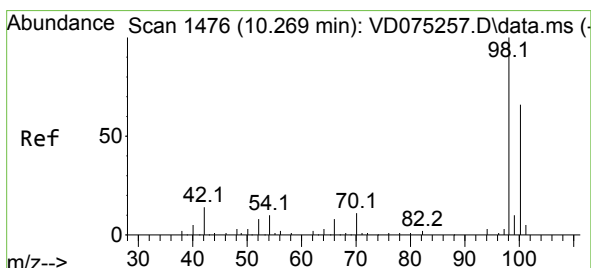
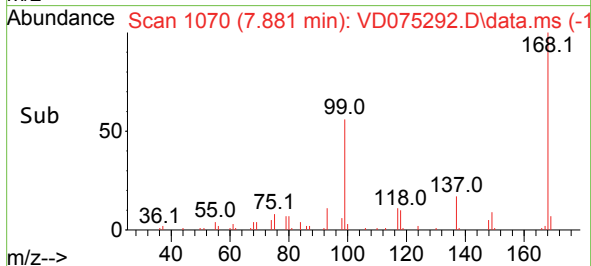
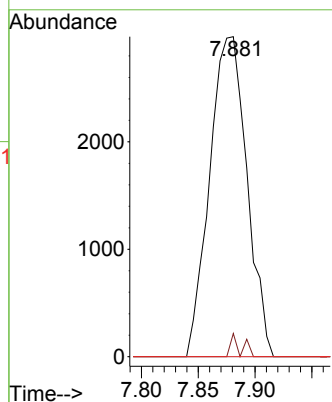
Tgt Ion:117 Resp: 6807

Ion Ratio Lower Upper

117 100

119 7.3 73.6 110.4#

121 0.0 25.4 38.0#



#50

Toluene-d8

Concen: 48.029 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075292.D

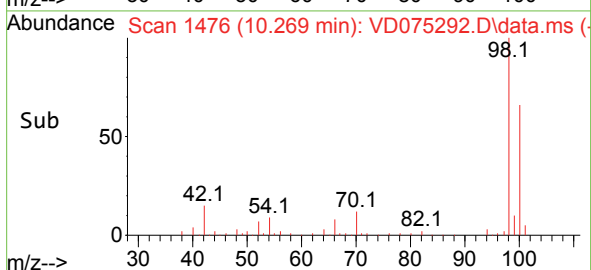
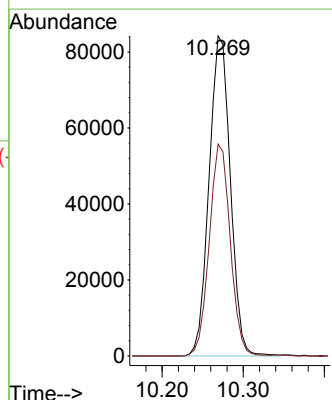
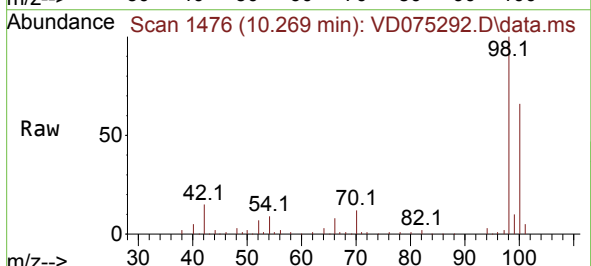
Acq: 09 Feb 2023 14:11

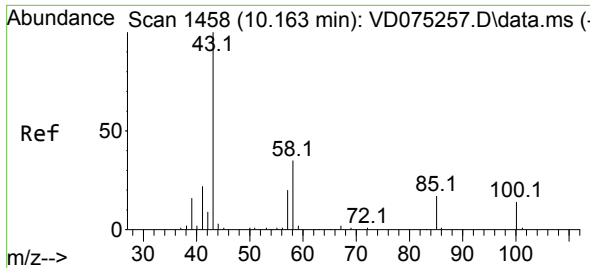
Tgt Ion: 98 Resp: 153339

Ion Ratio Lower Upper

98 100

100 65.3 52.7 79.1

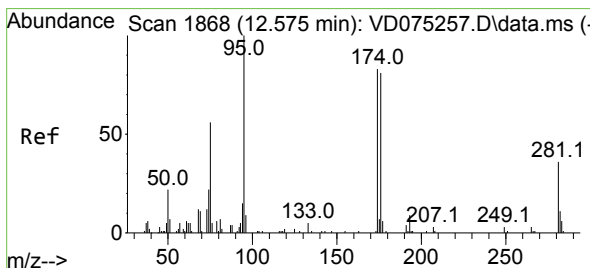
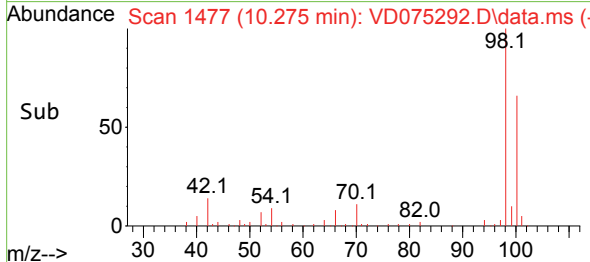
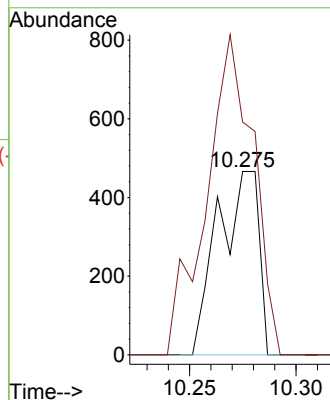
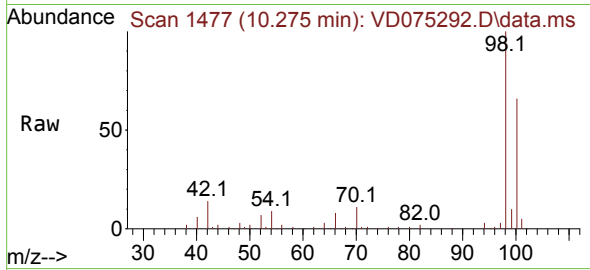




#51
4-Methyl-2-Pentanone
Concen: 1.126 ug/l
RT: 10.275 min Scan# 1458
Delta R.T. 0.112 min
Lab File: VD075292.D
Acq: 09 Feb 2023 14:11

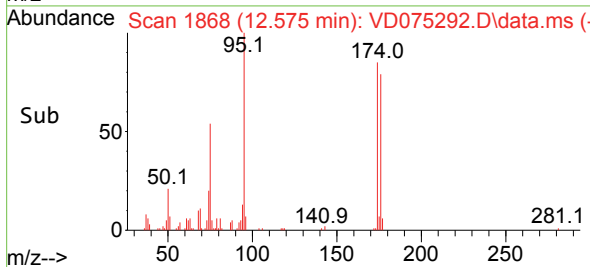
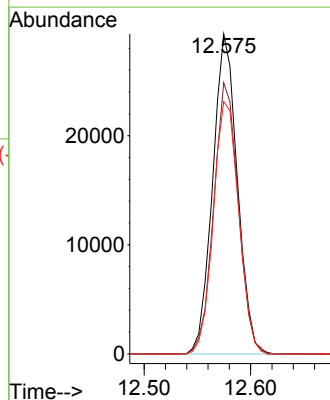
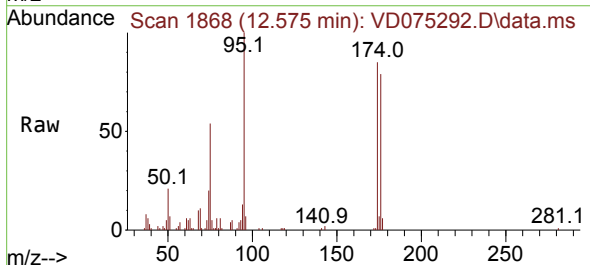
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JPP-59-020823

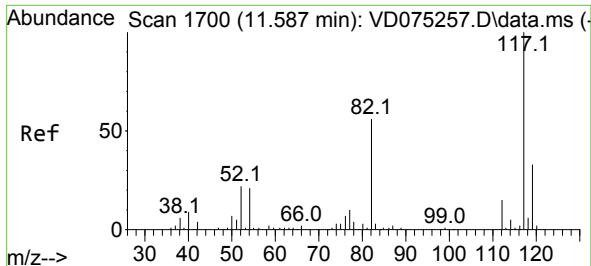
Tgt Ion: 43 Resp: 622
Ion Ratio Lower Upper
43 100
58 200.8 31.4 47.0#



#62
4-Bromofluorobenzene
Concen: 44.752 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075292.D
Acq: 09 Feb 2023 14:11

Tgt Ion: 95 Resp: 47112
Ion Ratio Lower Upper
95 100
174 84.6 0.0 161.2
176 81.2 0.0 160.2

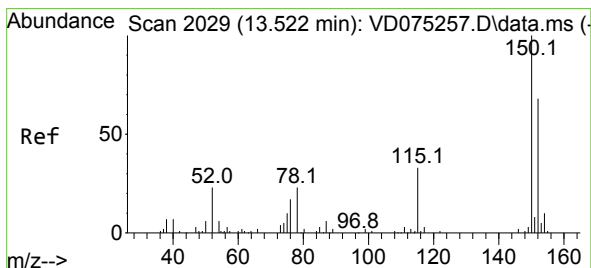
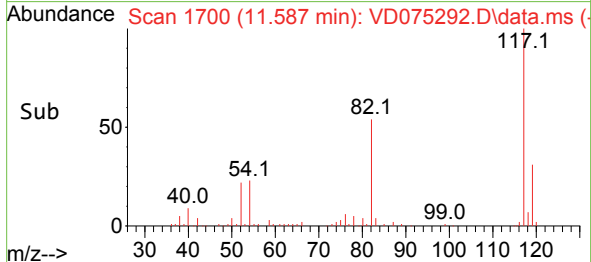
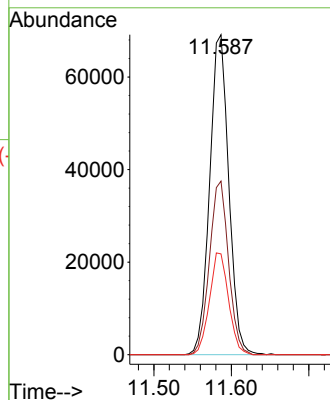
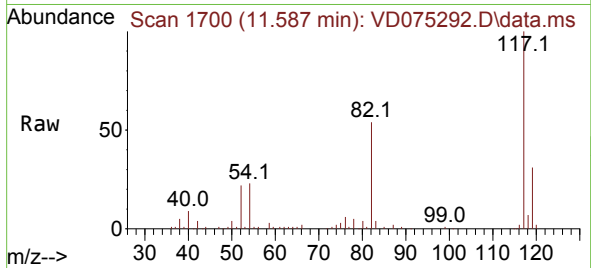




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075292.D
Acq: 09 Feb 2023 14:11

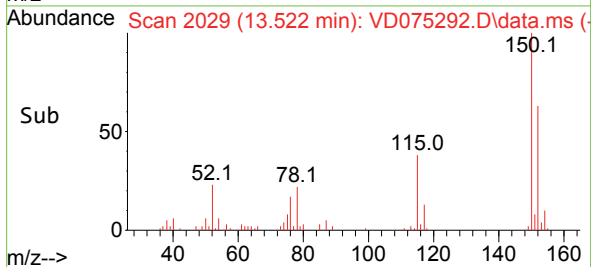
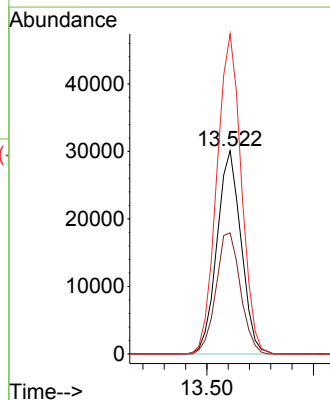
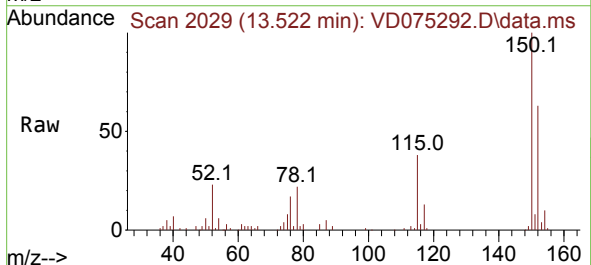
Instrument :
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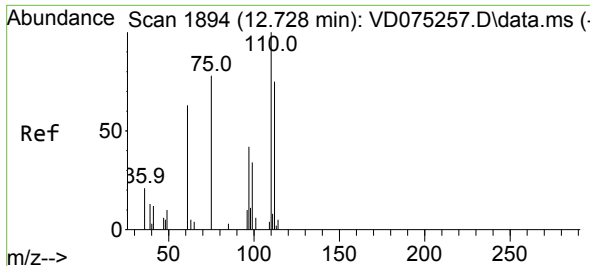
Tgt Ion:117 Resp: 118603
Ion Ratio Lower Upper
117 100
82 54.2 39.6 59.4
119 31.5 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075292.D
Acq: 09 Feb 2023 14:11

Tgt Ion:152 Resp: 47293
Ion Ratio Lower Upper
152 100
115 60.4 28.8 86.4
150 159.6 0.0 348.6

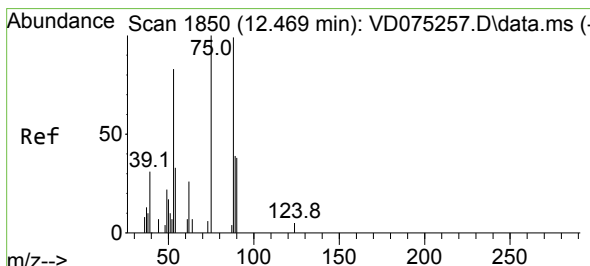
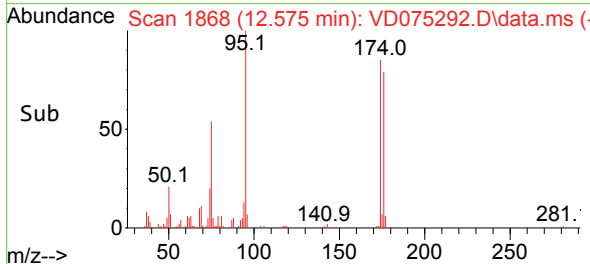
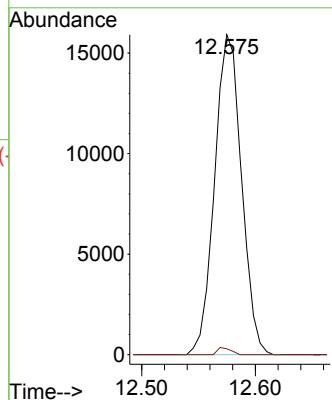
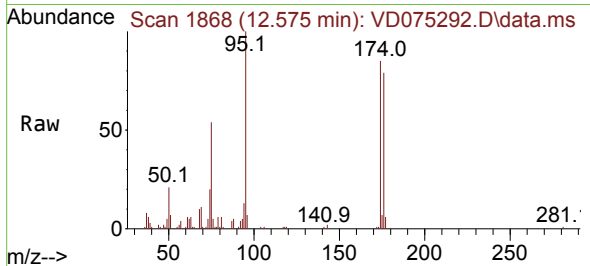




#76
1,2,3-Trichloropropane
Concen: 48.723 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075292.D
Acq: 09 Feb 2023 14:11

Instrument :
MSVOA_D
ClientSampleId :
JPP-59-020823

Tgt Ion: 75 Resp: 26173
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 153.623 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075292.D
Acq: 09 Feb 2023 14:11

Tgt Ion: 75 Resp: 26173
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#

