

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020723\
 Data File : VY012525.D
 Acq On : 07 Feb 2023 17:47
 Operator : KP/MD
 Sample : 01445-05
 Misc : 7.47g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-29-020323

Quant Time: Feb 08 01:47:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

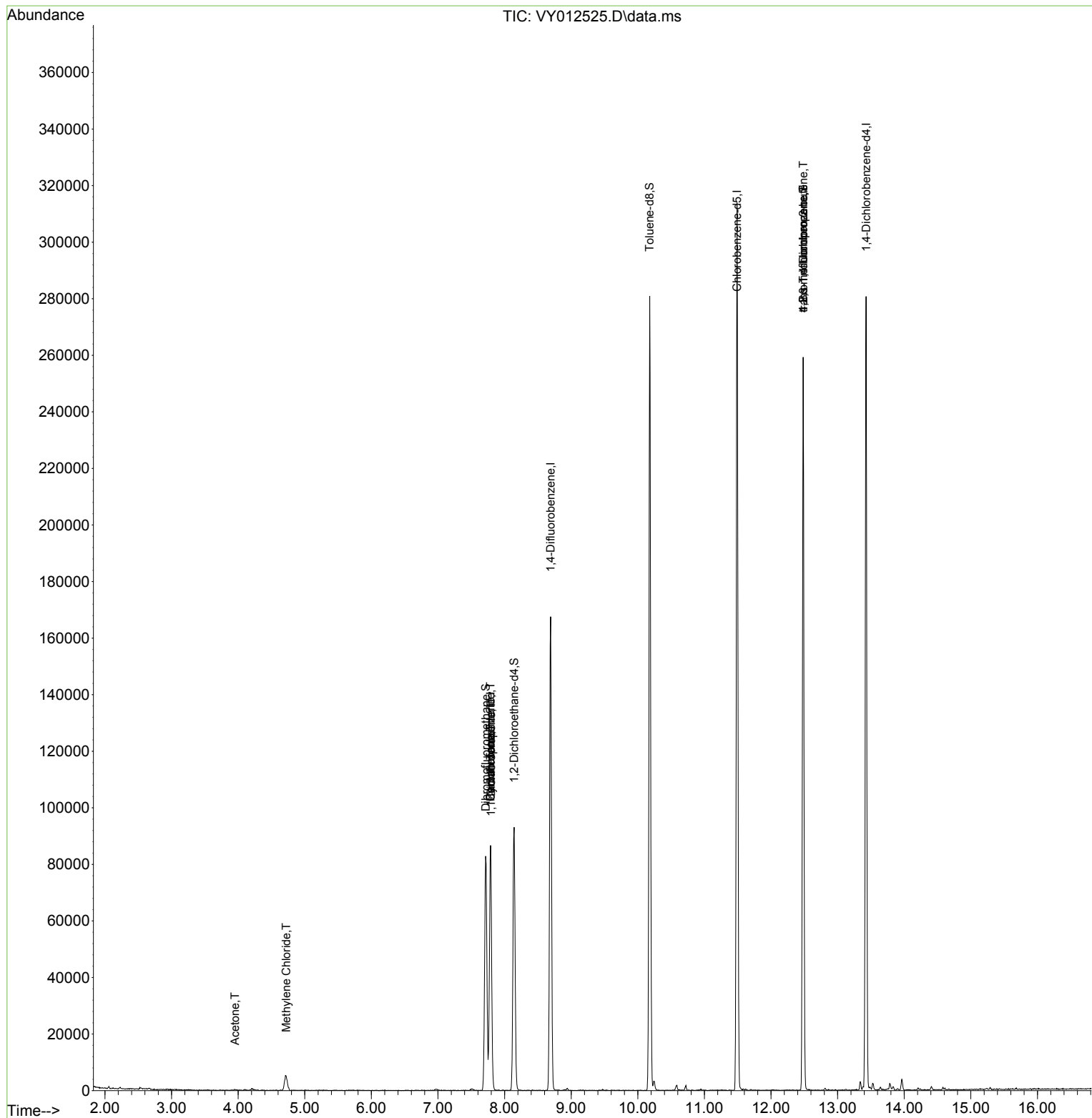
Internal Standards						
1) Pentafluorobenzene	7.789	168	69679	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	149782	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	179110	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	80209	90.524	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	181.040%#
35) Dibromofluoromethane	7.716	113	56491	51.789	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.580%
50) Toluene-d8	10.179	98	186120	40.993	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	81.980%
62) 4-Bromofluorobenzene	12.483	95	72459	45.754	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.500%
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	147	Below Cal		87
16) Acetone	3.954	43	634	2.973	ug/l #	41
20) Methylene Chloride	4.722	84	4321	1.318	ug/l	88
31) Cyclohexane	7.789	56	1157	1.129	ug/l #	16
36) 1,1-Dichloropropene	7.795	75	4521	3.062	ug/l #	50
38) Carbon Tetrachloride	7.789	117	6922	3.493	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	37915	44.229	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	37915	99.739	ug/l #	12

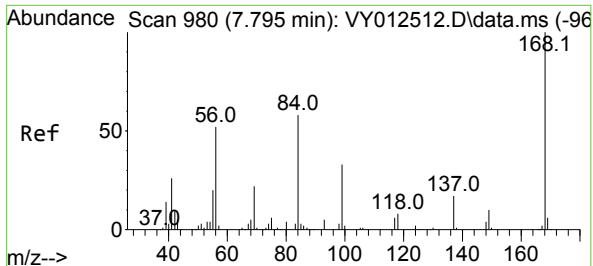
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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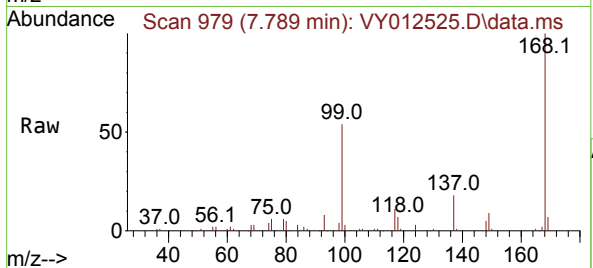
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 08 01:09:03 2023
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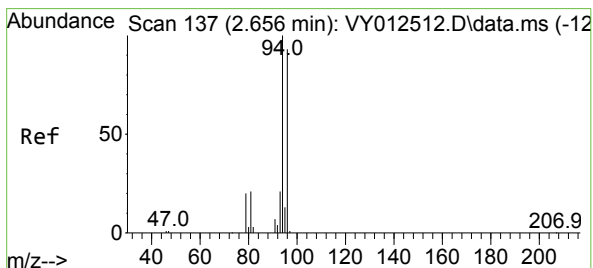
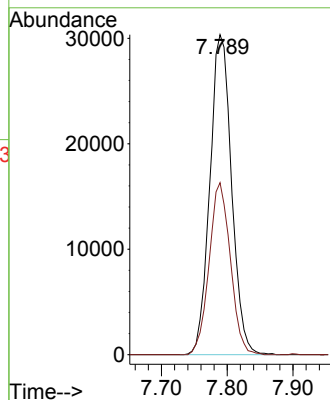
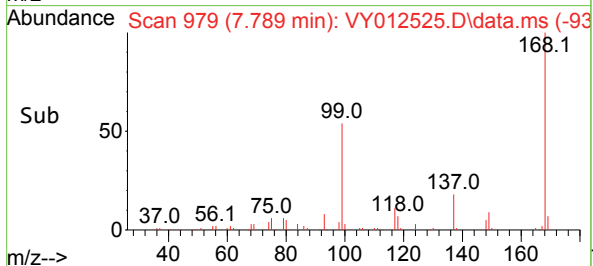


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012525.D
Acq: 07 Feb 2023 17:47

Instrument :
MSVOA_Y
ClientSampleId :
JPP-29-020323

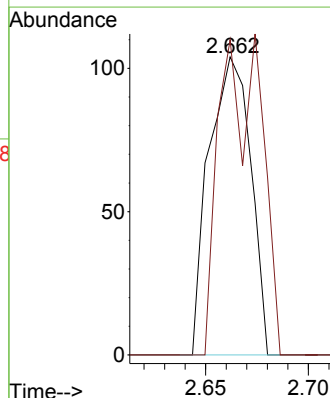
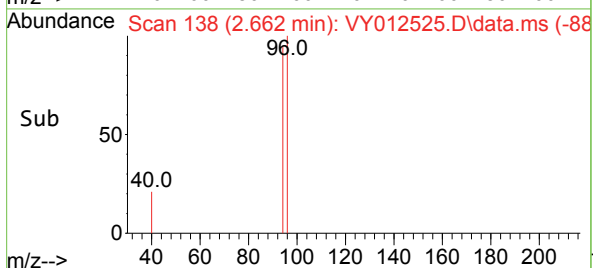
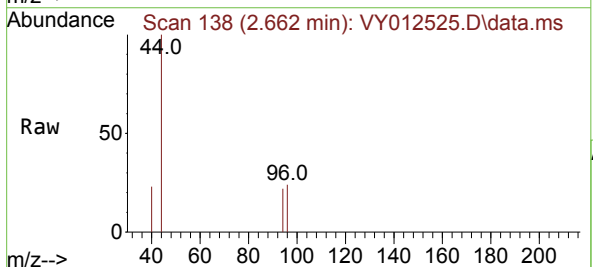


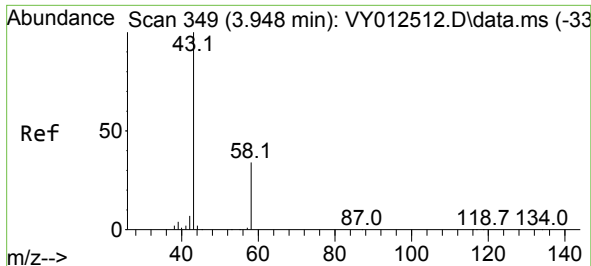
Tgt Ion:168 Resp: 69679
Ion Ratio Lower Upper
168 100
99 53.7 40.8 61.2



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY012525.D
Acq: 07 Feb 2023 17:47

Tgt Ion: 94 Resp: 147
Ion Ratio Lower Upper
94 100
96 105.8 74.7 112.1

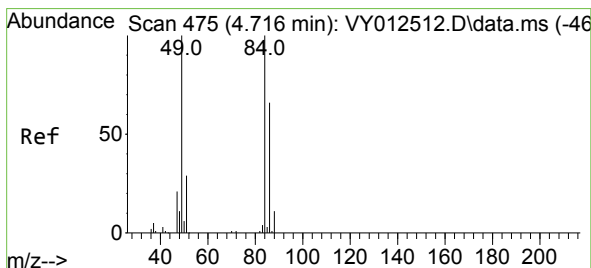
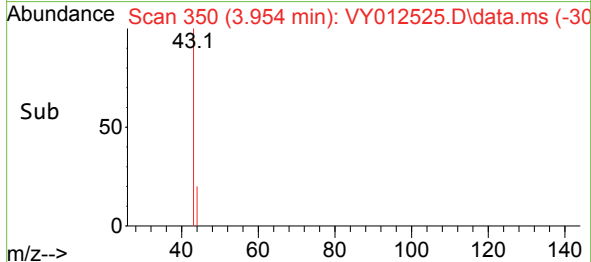
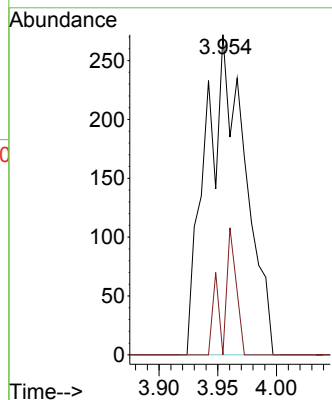
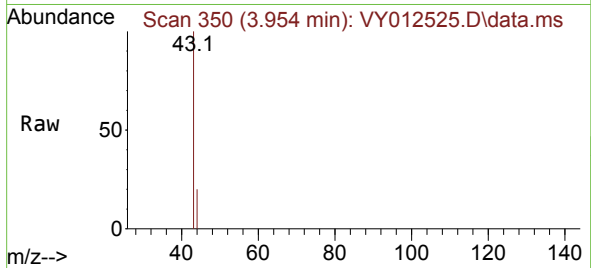




#16
Acetone
Concen: 2.973 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY012525.D
Acq: 07 Feb 2023 17:47

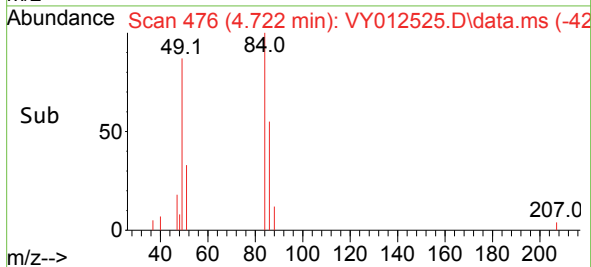
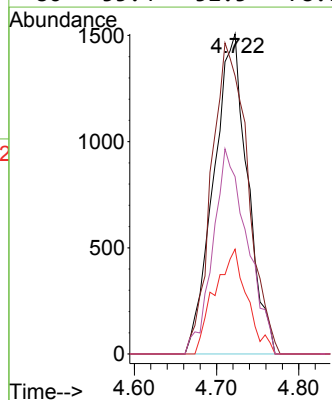
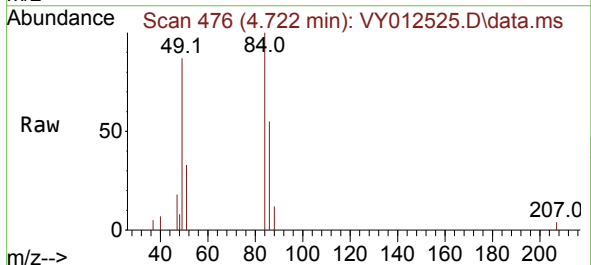
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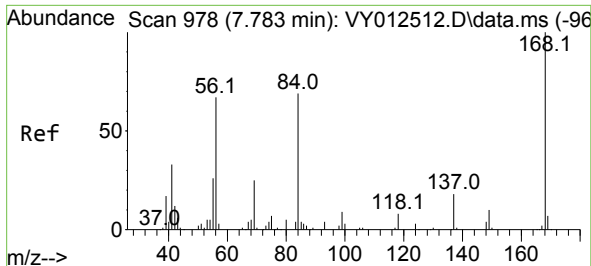
Tgt Ion: 43 Resp: 634
Ion Ratio Lower Upper
43 100
58 0.0 27.1 40.7#



#20
Methylene Chloride
Concen: 1.318 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY012525.D
Acq: 07 Feb 2023 17:47

Tgt Ion: 84 Resp: 4321
Ion Ratio Lower Upper
84 100
49 86.9 79.8 119.6
51 32.8 23.4 35.2
86 55.4 52.5 78.7

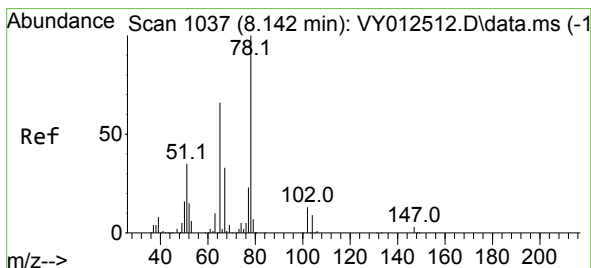
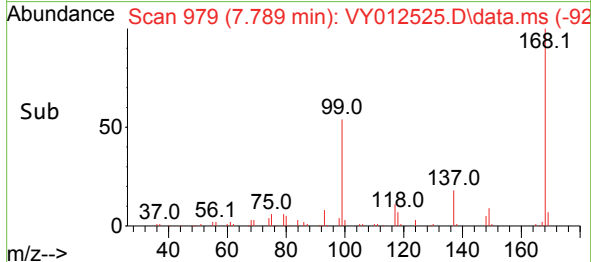
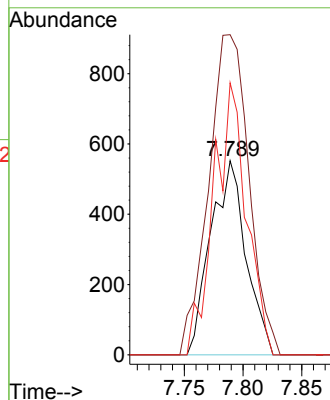
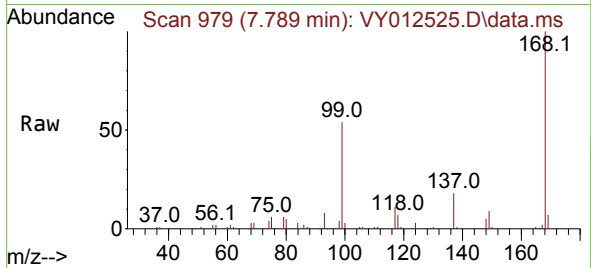




#31
Cyclohexane
Concen: 1.129 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012525.D
Acq: 07 Feb 2023 17:47

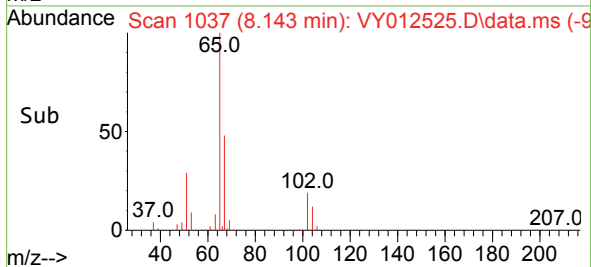
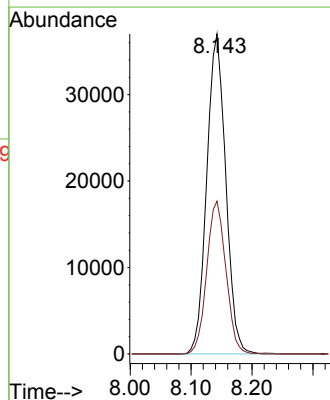
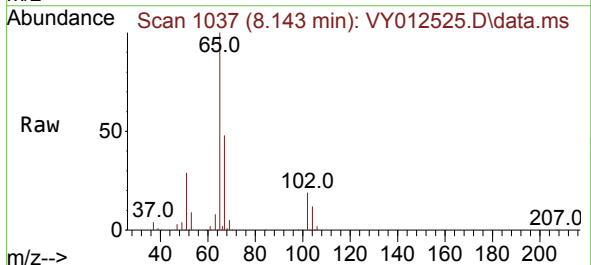
Instrument :
MSVOA_Y
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JPP-29-020323

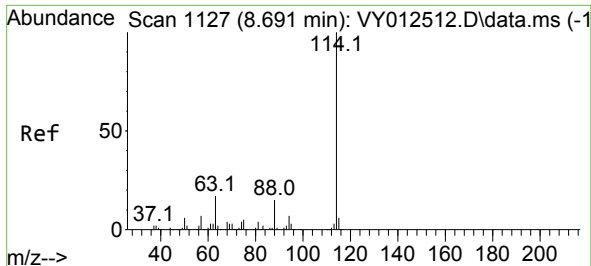
Tgt Ion: 56 Resp: 1157
Ion Ratio Lower Upper
56 100
69 165.0 29.5 44.3#
84 140.2 81.9 122.9#



#33
1,2-Dichloroethane-d4
Concen: 90.524 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY012525.D
Acq: 07 Feb 2023 17:47

Tgt Ion: 65 Resp: 80209
Ion Ratio Lower Upper
65 100
67 48.2 0.0 98.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012525.D

Acq: 07 Feb 2023 17:47

Instrument :

MSVOA_Y

ClientSampleId :

JPP-29-020323

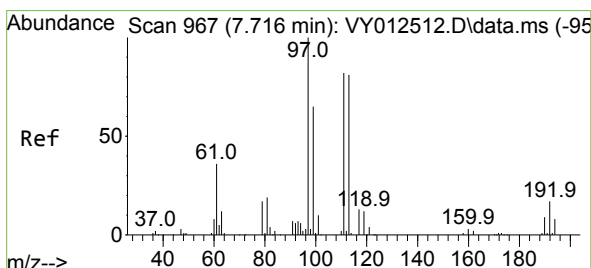
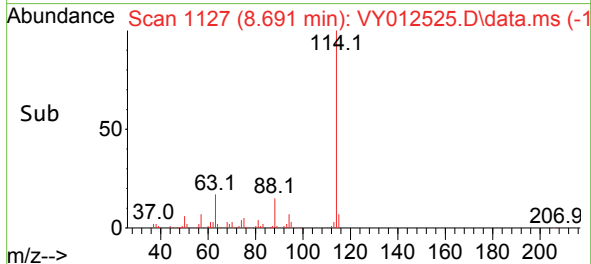
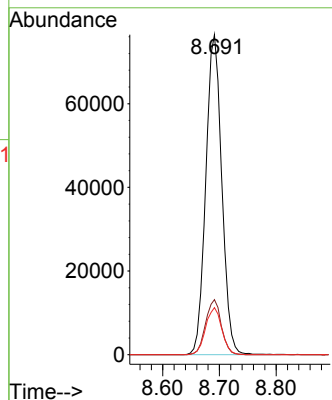
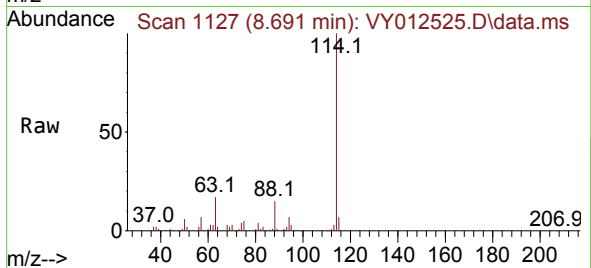
Tgt Ion:114 Resp: 149782

Ion Ratio Lower Upper

114 100

63 17.2 0.0 33.6

88 14.7 0.0 29.8



#35

Dibromofluoromethane

Concen: 51.789 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY012525.D

Acq: 07 Feb 2023 17:47

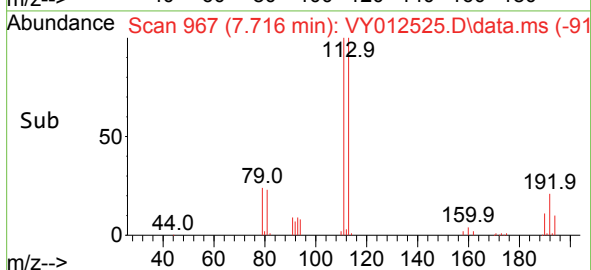
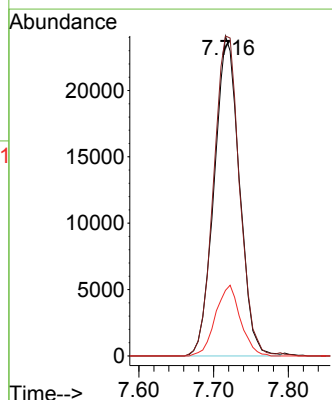
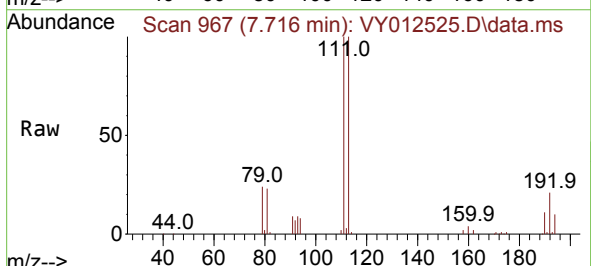
Tgt Ion:113 Resp: 56491

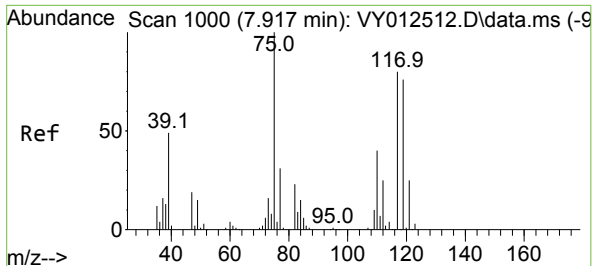
Ion Ratio Lower Upper

113 100

111 103.0 81.9 122.9

192 21.9 17.5 26.3

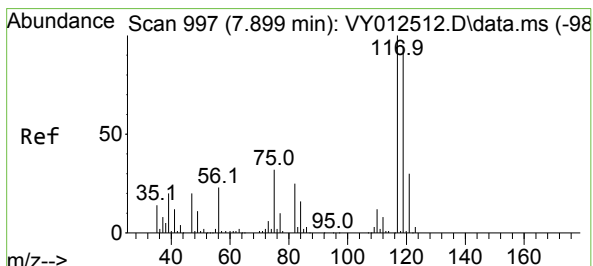
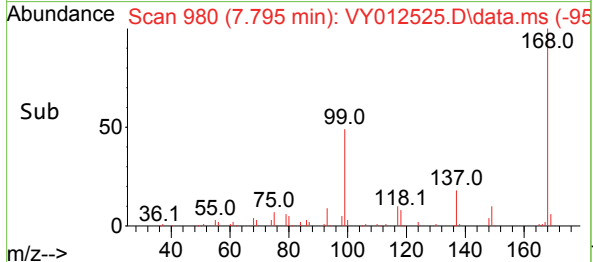
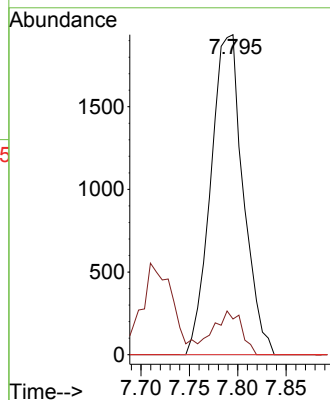
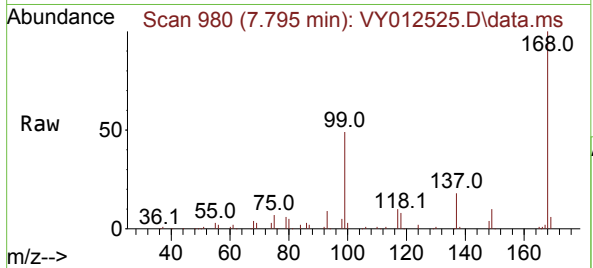




#36
1,1-Dichloropropene
Concen: 3.062 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY012525.D
Acq: 07 Feb 2023 17:47

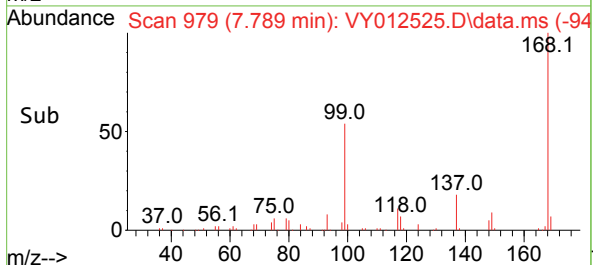
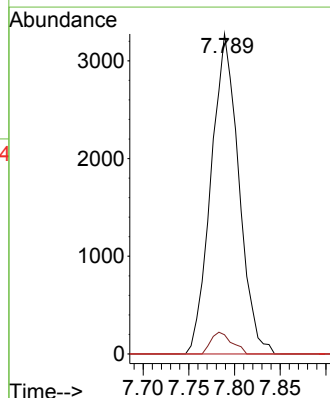
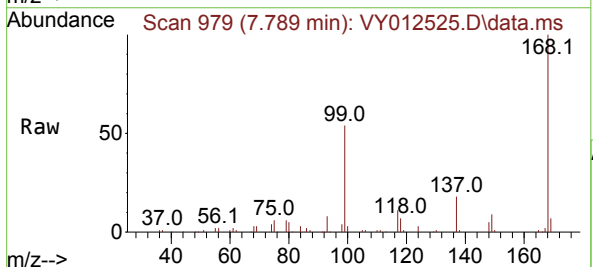
Instrument :
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ClientSampleId :
JPP-29-020323

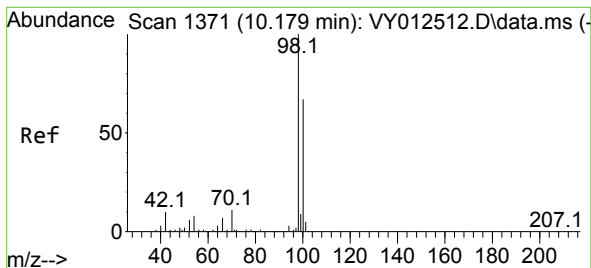
Tgt Ion: 75 Resp: 4521
Ion Ratio Lower Upper
75 100
110 11.8 19.5 58.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 3.493 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY012525.D
Acq: 07 Feb 2023 17:47

Tgt Ion: 117 Resp: 6922
Ion Ratio Lower Upper
117 100
119 6.0 75.1 112.7#
121 0.0 24.3 36.5#

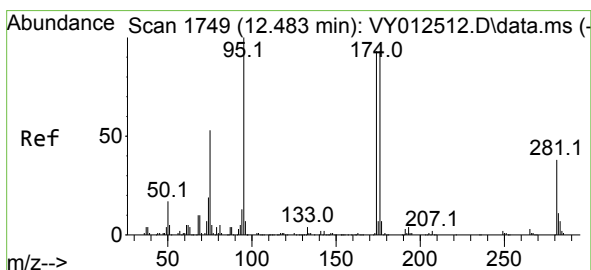
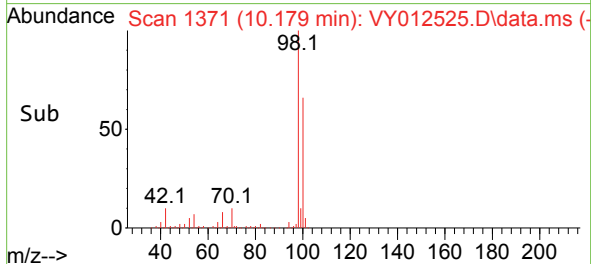
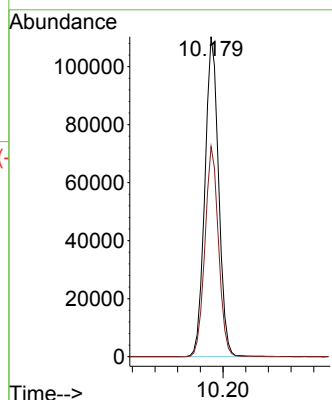
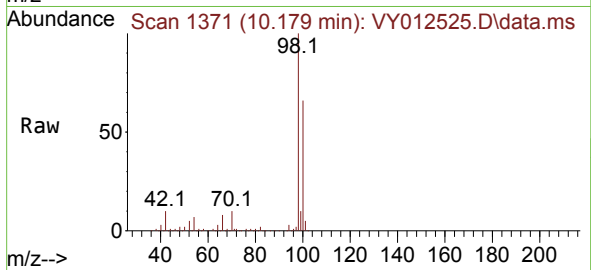




#50
Toluene-d8
Concen: 40.993 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012525.D
Acq: 07 Feb 2023 17:47

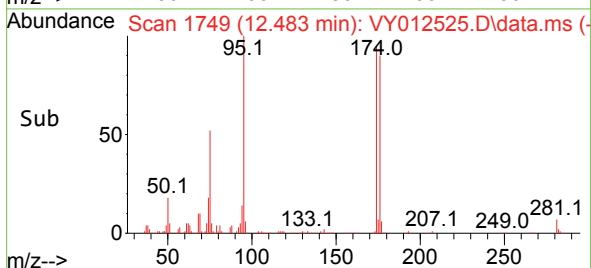
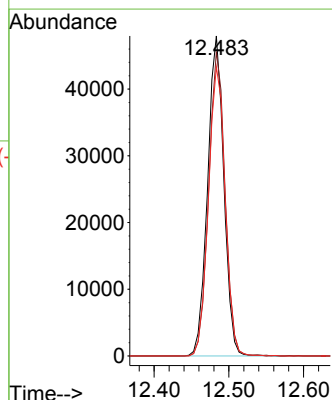
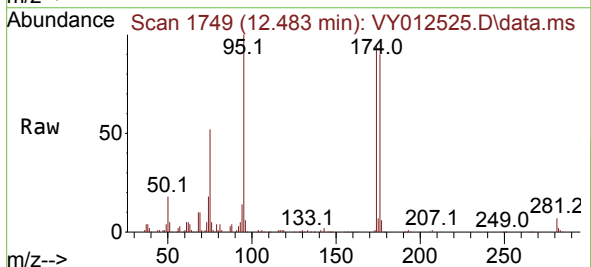
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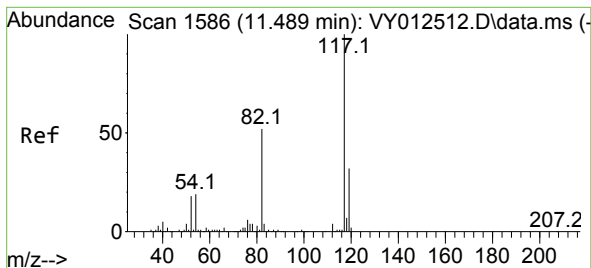
Tgt Ion: 98 Resp: 186120
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 45.754 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012525.D
Acq: 07 Feb 2023 17:47

Tgt Ion: 95 Resp: 72459
Ion Ratio Lower Upper
95 100
174 96.1 0.0 188.0
176 93.3 0.0 183.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012525.D

Acq: 07 Feb 2023 17:47

Instrument :

MSVOA_Y

ClientSampleId :

JPP-29-020323

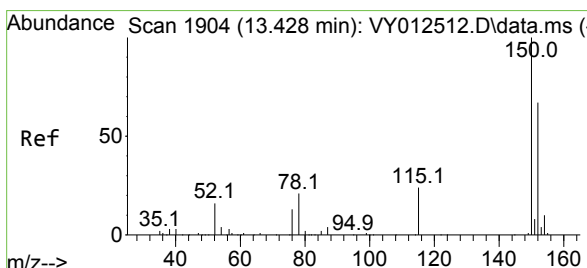
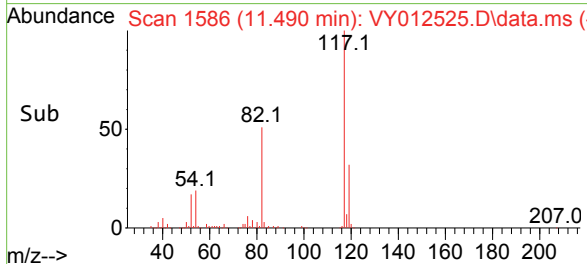
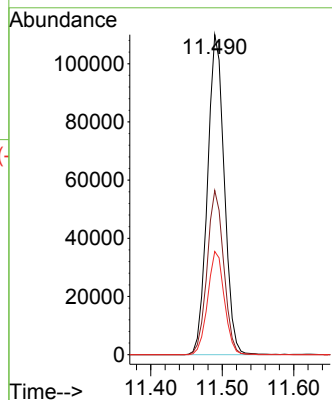
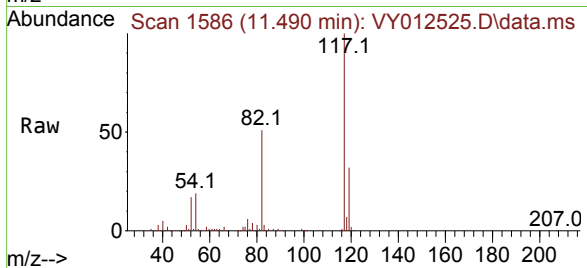
Tgt Ion:117 Resp: 179110

Ion Ratio Lower Upper

117 100

82 51.3 41.7 62.5

119 32.2 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012525.D

Acq: 07 Feb 2023 17:47

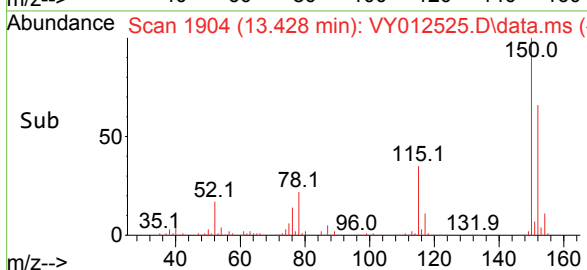
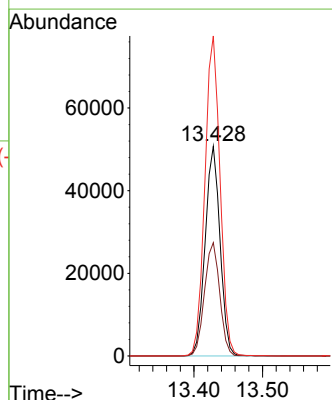
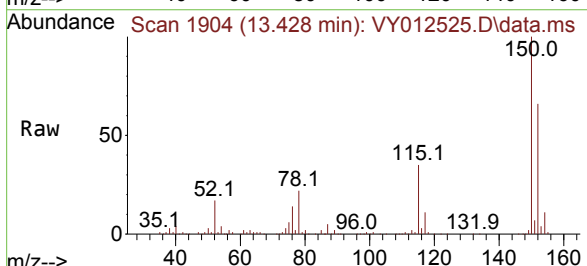
Tgt Ion:152 Resp: 76729

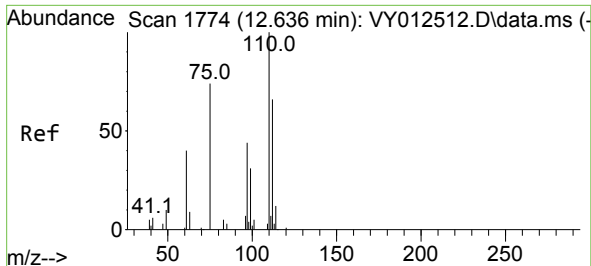
Ion Ratio Lower Upper

152 100

115 55.4 28.1 84.3

150 155.7 0.0 351.0

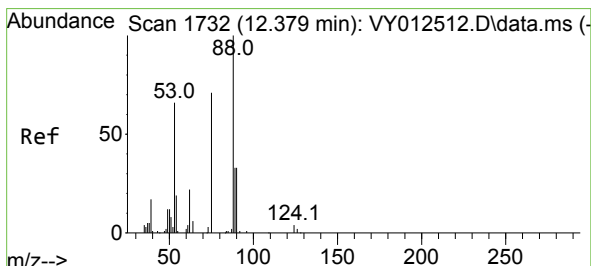
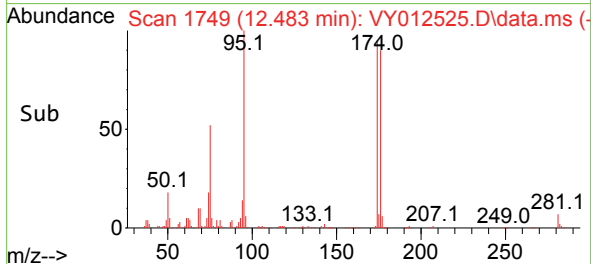
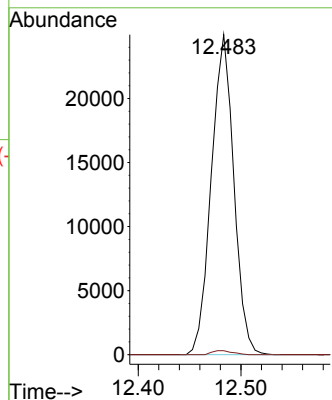
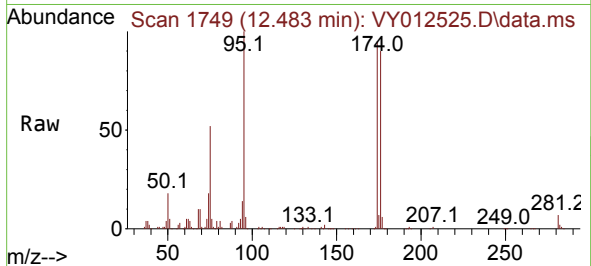




#76
1,2,3-Trichloropropane
Concen: 44.229 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY012525.D
Acq: 07 Feb 2023 17:47

Instrument :
MSVOA_Y
ClientSampleId :
JPP-29-020323

Tgt Ion: 75 Resp: 37915
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.739 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY012525.D
Acq: 07 Feb 2023 17:47

Tgt Ion: 75 Resp: 37915
Ion Ratio Lower Upper
75 100
53 0.0 73.1 109.7#
89 0.0 39.9 59.9#

