

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120423\
 Data File : VY016585.D
 Acq On : 04 Dec 2023 18:30
 Operator : SY/MD
 Sample : 05538-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-03-112223

Quant Time: Dec 05 01:31:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 01:24:25 2023
 Response via : Initial Calibration

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

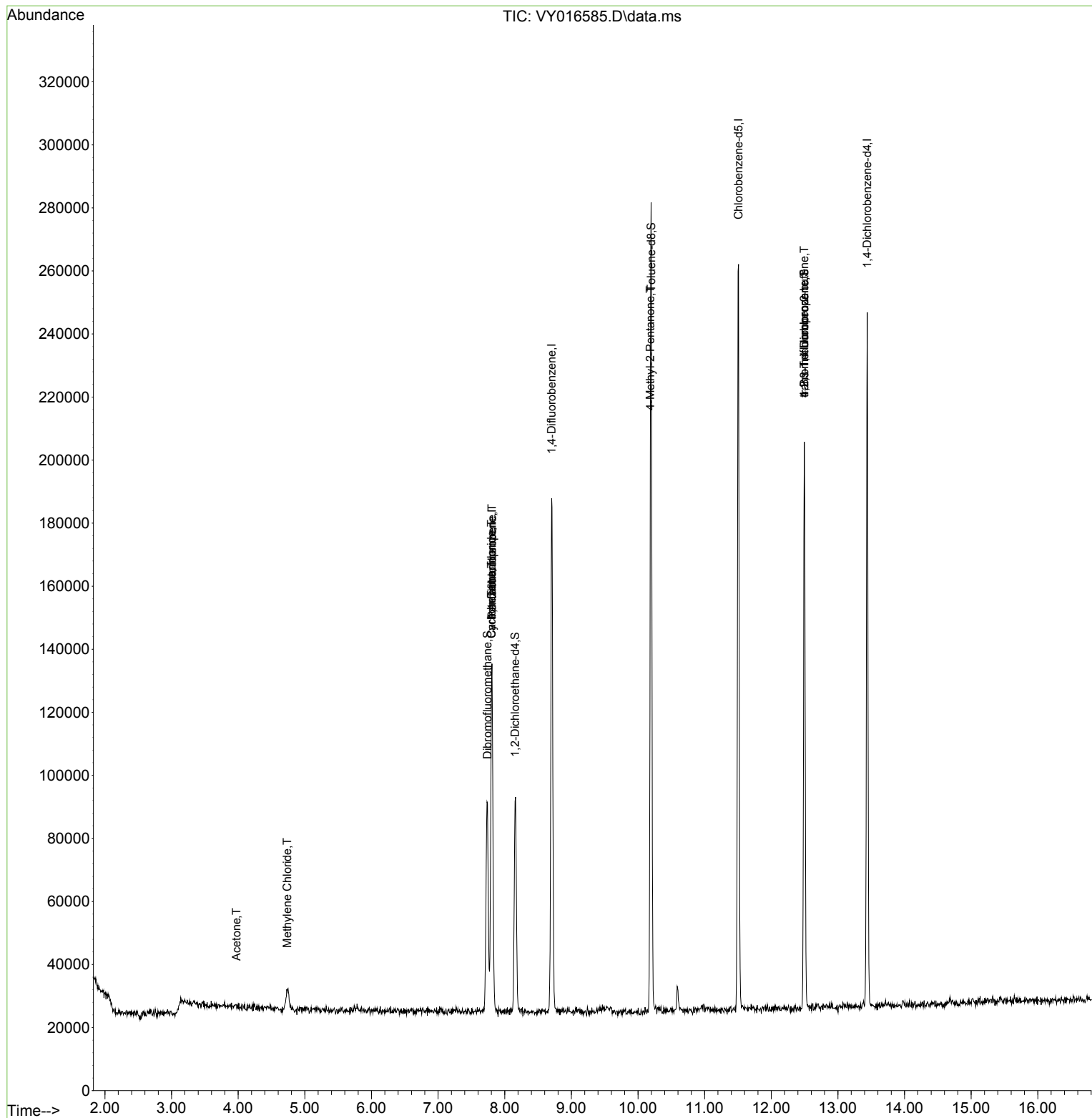
Internal Standards						
1) Pentafluorobenzene	7.807	168	88562	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	145106	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	135283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.441	152	58170	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	55589	67.912	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 135.820%			
35) Dibromofluoromethane	7.740	113	47425	54.309	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.620%			
50) Toluene-d8	10.197	98	167935	50.841	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.680%			
62) 4-Bromofluorobenzene	12.496	95	54423	50.102	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 100.200%			
Target Compounds						
16) Acetone	3.973	43	1011	5.458	ug/l	98
20) Methylene Chloride	4.735	84	5312	3.363	ug/l #	83
31) Cyclohexane	7.801	56	1808	1.294	ug/l #	35
36) 1,1-Dichloropropene	7.807	75	6272	4.725	ug/l #	52
38) Carbon Tetrachloride	7.801	117	8517	5.542	ug/l #	19
51) 4-Methyl-2-Pentanone	10.185	43	658	1.182	ug/l #	1
76) 1,2,3-Trichloropropane	12.496	75	29131	55.438	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.496	75	29131	125.058	ug/l #	10
95) Naphthalene	15.257	128	1275	Below Cal	#	91
96) 1,2,3-Trichlorobenzene	15.440	180	744	Below Cal		92

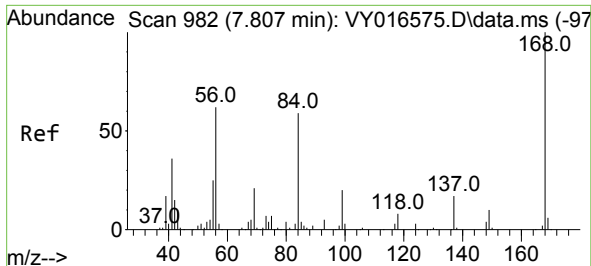
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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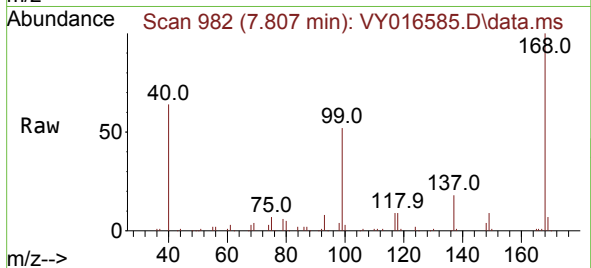
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
Quant Title : SW846 8260
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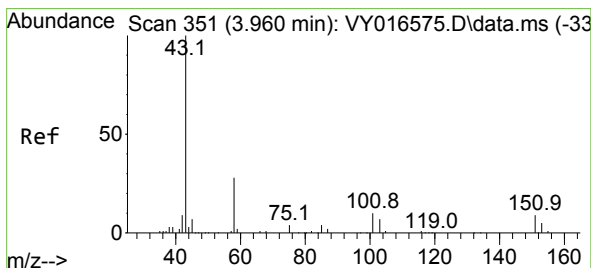
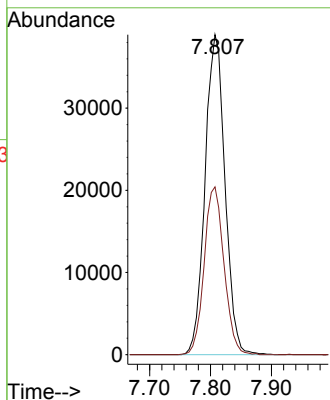
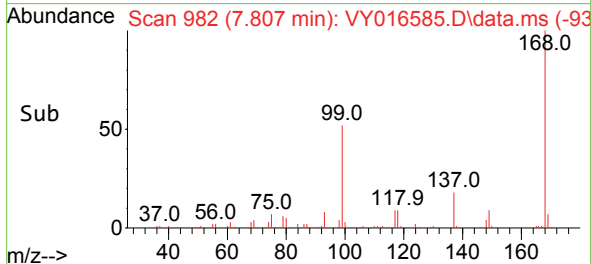


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016585.D
Acq: 04 Dec 2023 18:30

Instrument :
MSVOA_Y
ClientSampleId :
HR-03-112223

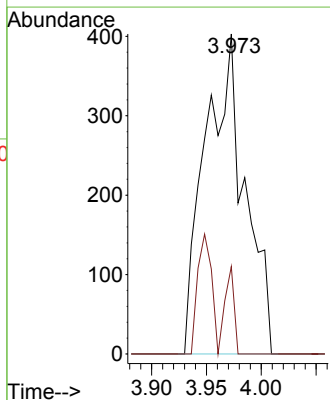
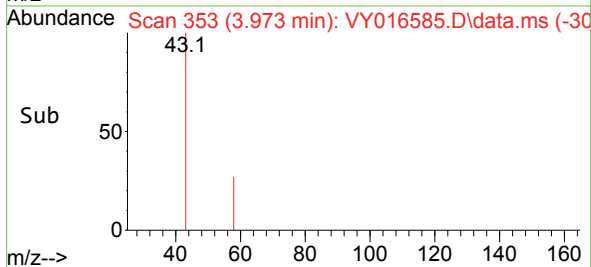
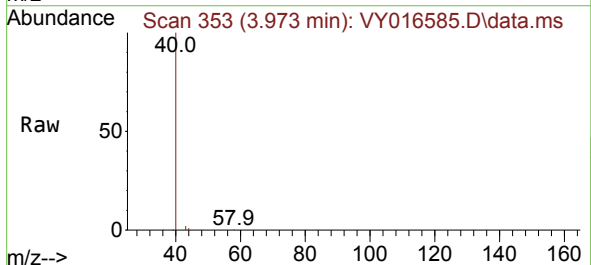


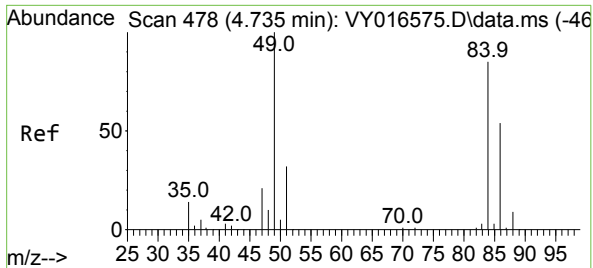
Tgt Ion:168 Resp: 88562
Ion Ratio Lower Upper
168 100
99 52.4 43.4 65.0



#16
Acetone
Concen: 5.458 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.013 min
Lab File: VY016585.D
Acq: 04 Dec 2023 18:30

Tgt Ion: 43 Resp: 1011
Ion Ratio Lower Upper
43 100
58 27.3 22.7 34.1

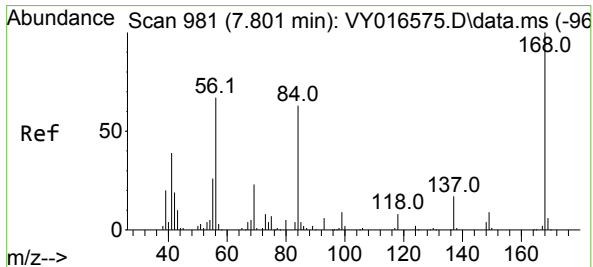
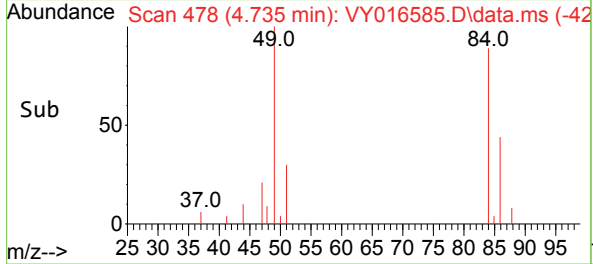
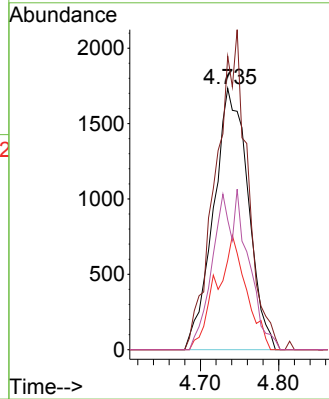
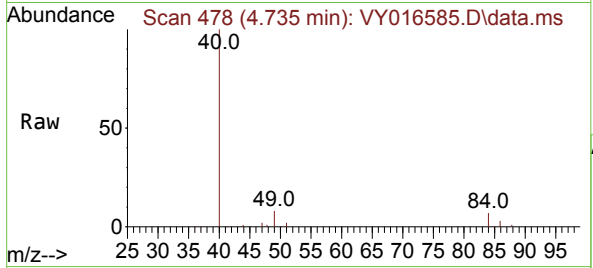




#20
Methylene Chloride
Concen: 3.363 ug/l
RT: 4.735 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY016585.D
Acq: 04 Dec 2023 18:30

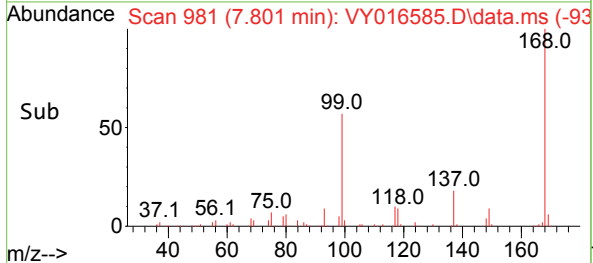
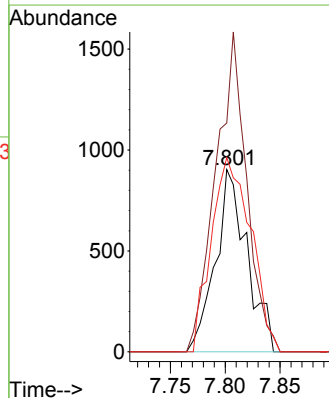
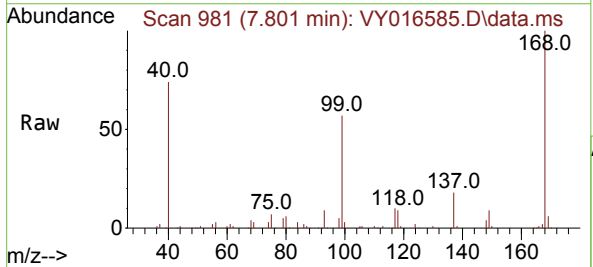
Instrument :
MSVOA_Y
ClientSampleId :
HR-03-112223

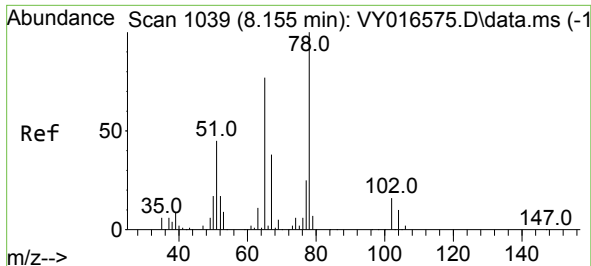
Tgt Ion:	84	Resp:	5312
Ion	Ratio	Lower	Upper
84	100		
49	112.3	106.9	160.3
51	34.2	33.2	49.8
86	49.7	51.0	76.6#



#31
Cyclohexane
Concen: 1.294 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016585.D
Acq: 04 Dec 2023 18:30

Tgt Ion:	56	Resp:	1808
Ion	Ratio	Lower	Upper
56	100		
69	125.6	27.8	41.6#
84	106.6	66.4	99.6#





#33

1,2-Dichloroethane-d4

Concen: 67.912 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY016585.D

Acq: 04 Dec 2023 18:30

Instrument :

MSVOA_Y

ClientSampleId :

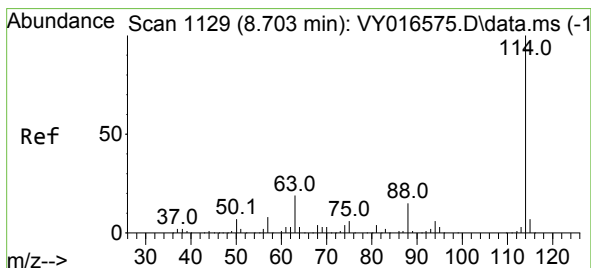
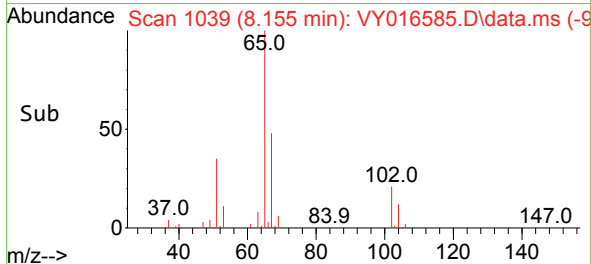
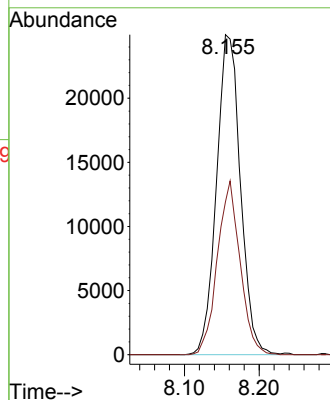
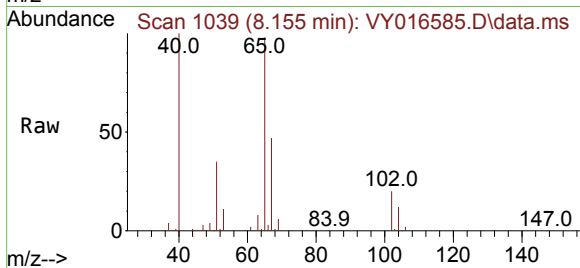
HR-03-112223

Tgt Ion: 65 Resp: 55589

Ion Ratio Lower Upper

65 100

67 51.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY016585.D

Acq: 04 Dec 2023 18:30

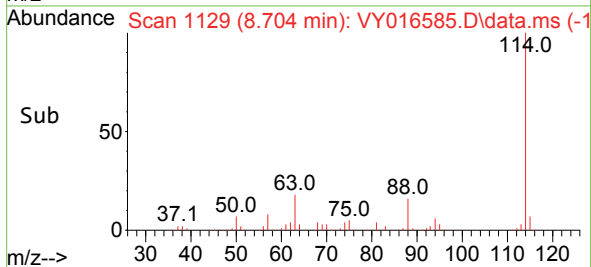
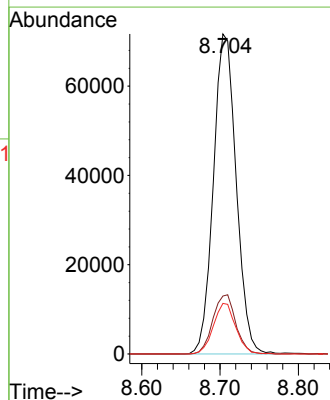
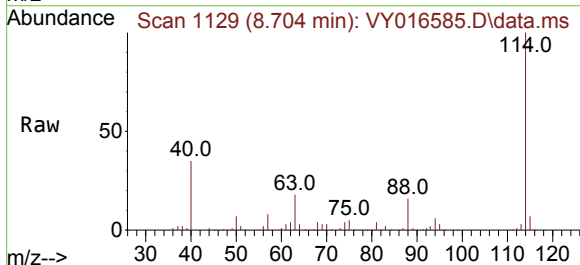
Tgt Ion: 114 Resp: 145106

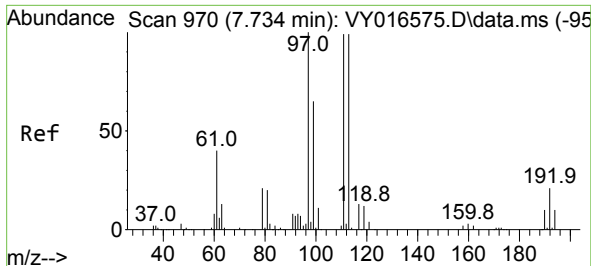
Ion Ratio Lower Upper

114 100

63 18.1 0.0 42.4

88 15.8 0.0 30.6

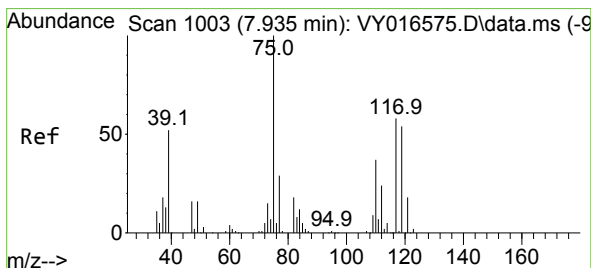
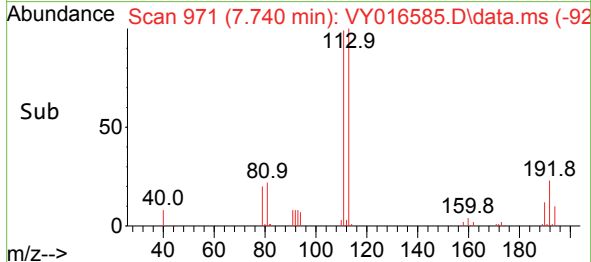
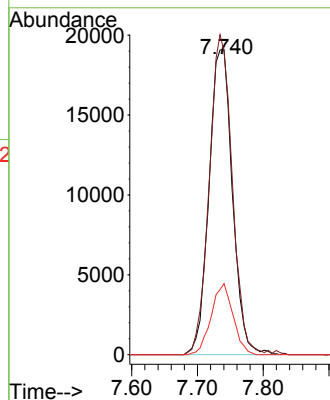
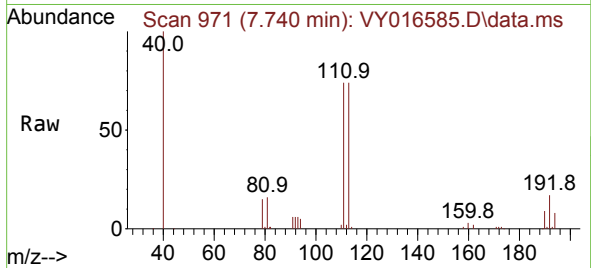




#35
Dibromofluoromethane
Concen: 54.309 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016585.D
Acq: 04 Dec 2023 18:30

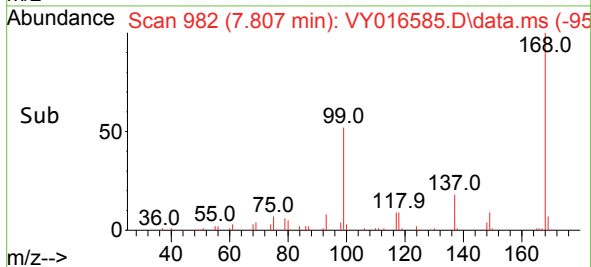
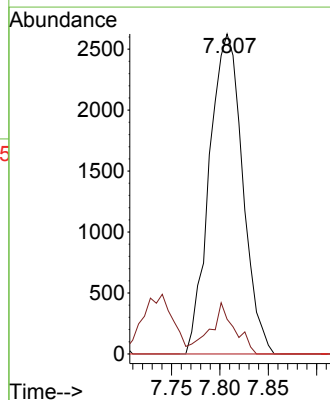
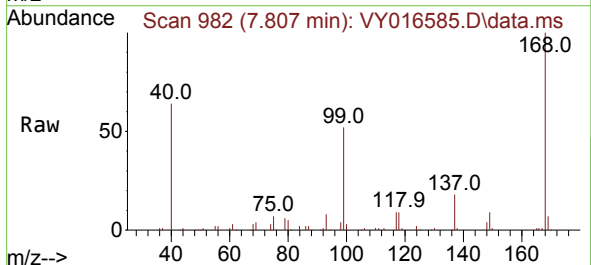
Instrument :
MSVOA_Y
ClientSampleId :
HR-03-112223

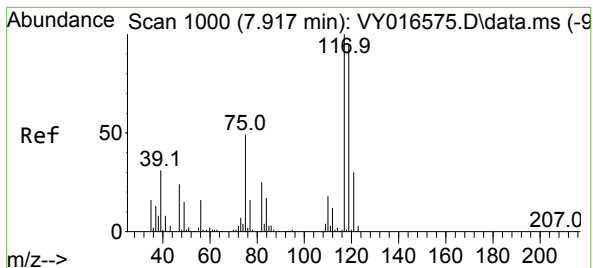
Tgt Ion:113 Resp: 47425
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 21.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.725 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY016585.D
Acq: 04 Dec 2023 18:30

Tgt Ion: 75 Resp: 6272
Ion Ratio Lower Upper
75 100
110 11.5 17.8 53.5#
77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 5.542 ug/l

RT: 7.801 min Scan# 91

Delta R.T. -0.116 min

Lab File: VY016585.D

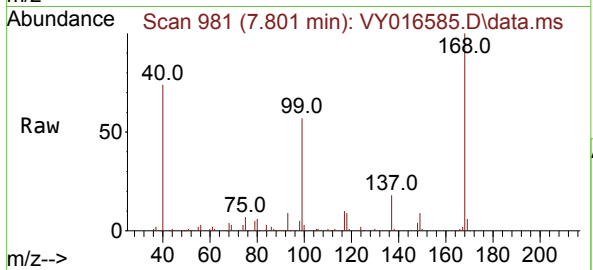
Acq: 04 Dec 2023 18:30

Instrument :

MSVOA_Y

ClientSampleId :

HR-03-112223



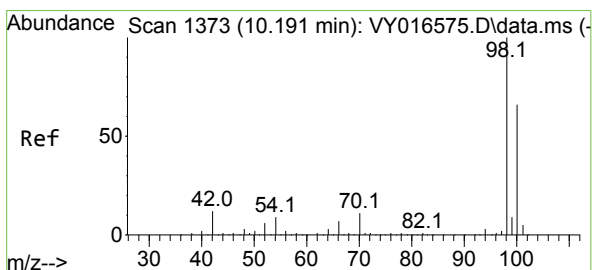
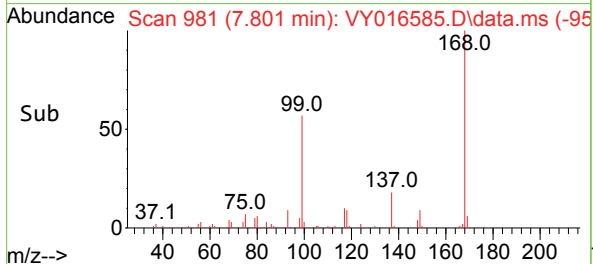
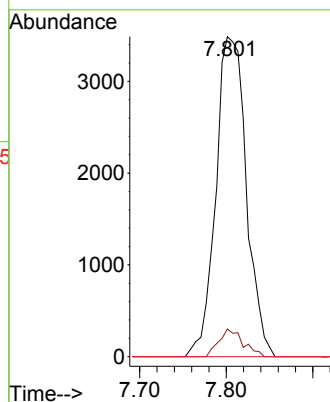
Tgt Ion:117 Resp: 8517

Ion Ratio Lower Upper

117 100

119 8.6 76.4 114.6#

121 0.0 25.8 38.6#



#50

Toluene-d8

Concen: 50.841 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY016585.D

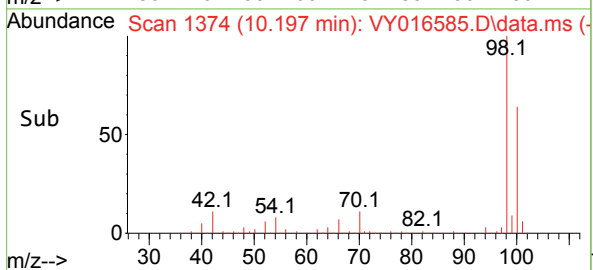
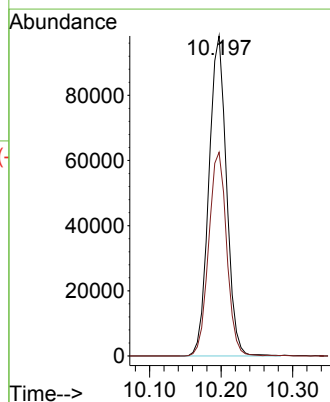
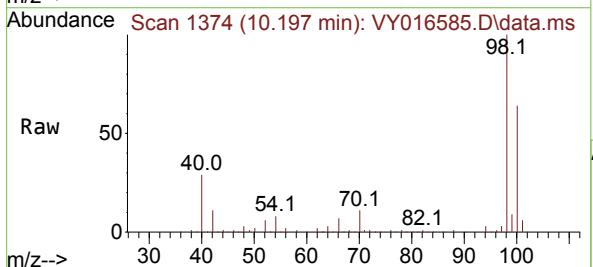
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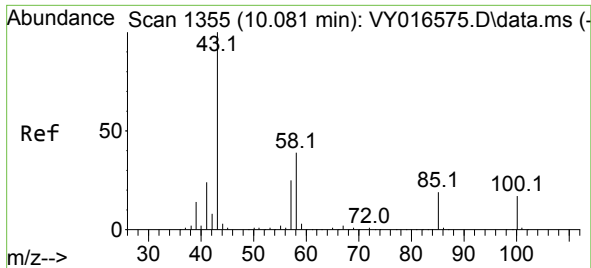
Tgt Ion: 98 Resp: 167935

Ion Ratio Lower Upper

98 100

100 65.0 50.1 75.1

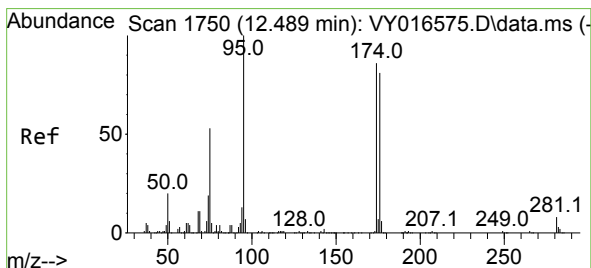
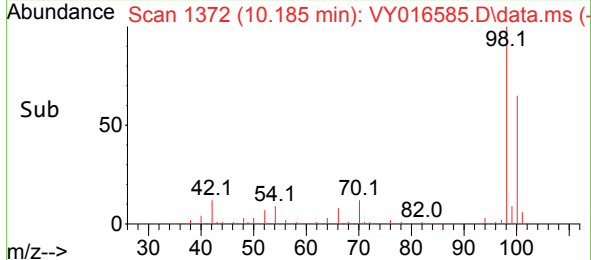
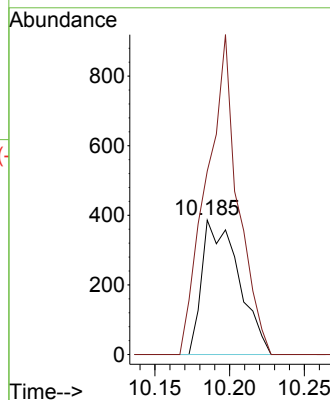
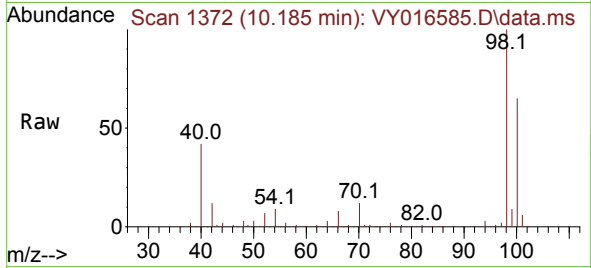




#51
4-Methyl-2-Pentanone
Concen: 1.182 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY016585.D
Acq: 04 Dec 2023 18:30

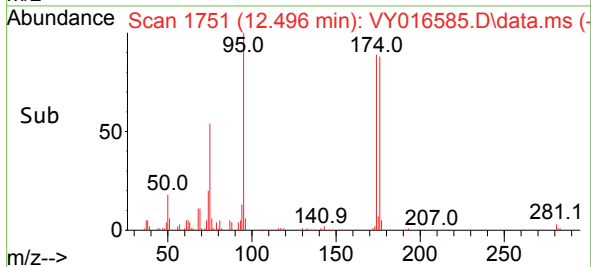
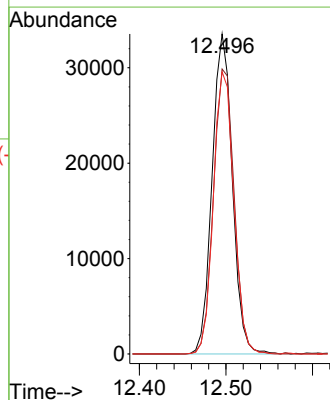
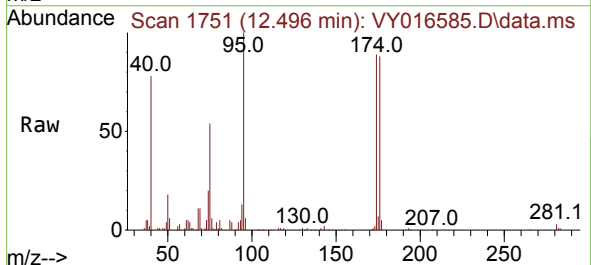
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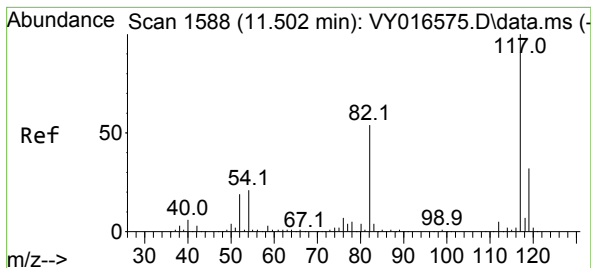
Tgt Ion: 43 Resp: 658
Ion Ratio Lower Upper
43 100
58 205.2 29.0 43.6#



#62
4-Bromofluorobenzene
Concen: 50.102 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016585.D
Acq: 04 Dec 2023 18:30

Tgt Ion: 95 Resp: 54423
Ion Ratio Lower Upper
95 100
174 91.3 0.0 178.2
176 89.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016585.D

Acq: 04 Dec 2023 18:30

Instrument :

MSVOA_Y

ClientSampleId :

HR-03-112223

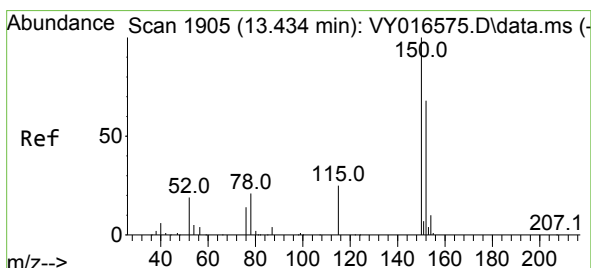
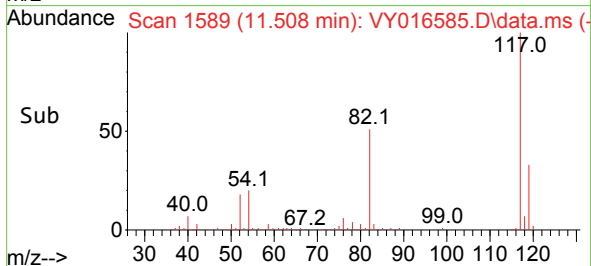
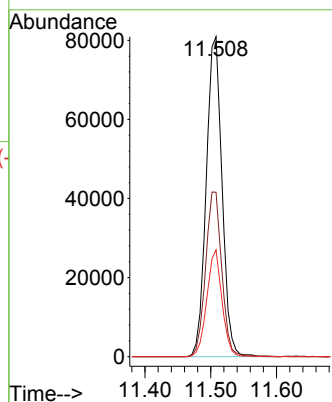
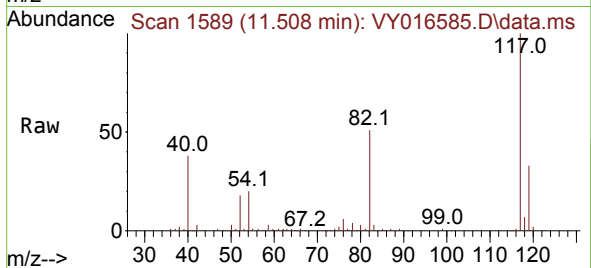
Tgt Ion:117 Resp: 135283

Ion Ratio Lower Upper

117 100

82 51.4 43.4 65.0

119 33.4 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.441 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016585.D

Acq: 04 Dec 2023 18:30

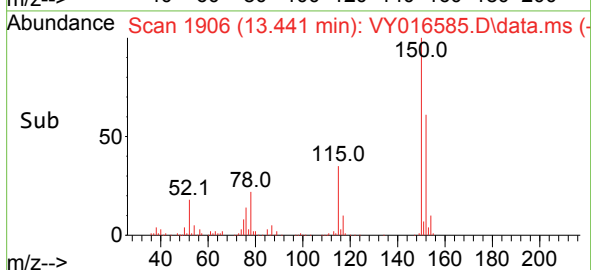
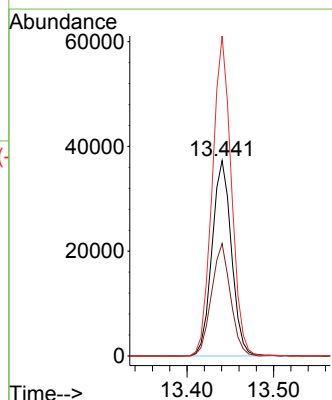
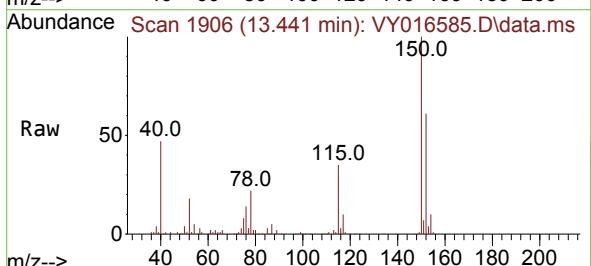
Tgt Ion:152 Resp: 58170

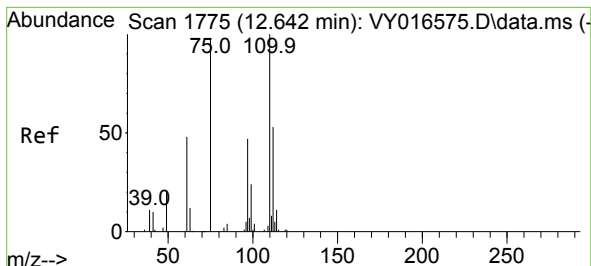
Ion Ratio Lower Upper

152 100

115 56.3 28.8 86.5

150 160.6 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 55.438 ug/l

RT: 12.496 min Scan# 1751

Delta R.T. -0.146 min

Lab File: VY016585.D

Acq: 04 Dec 2023 18:30

Instrument :

MSVOA_Y

ClientSampleId :

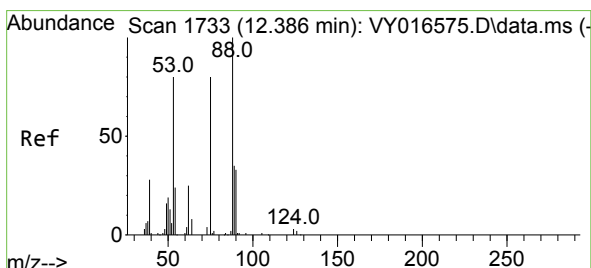
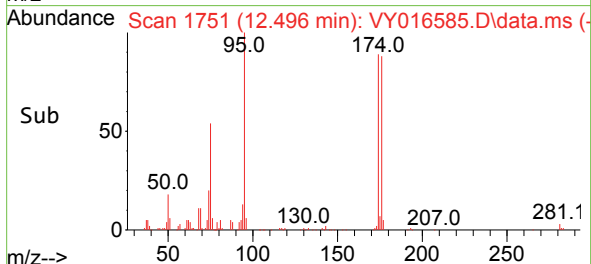
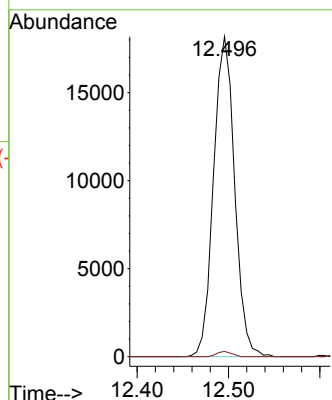
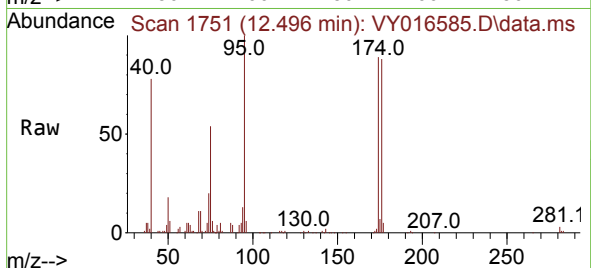
HR-03-112223

Tgt Ion: 75 Resp: 29131

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 125.058 ug/l

RT: 12.496 min Scan# 1751

Delta R.T. 0.110 min

Lab File: VY016585.D

Acq: 04 Dec 2023 18:30

Tgt Ion: 75 Resp: 29131

Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

89 0.0 37.4 56.0#

