

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
 Data File : VY020672.D
 Acq On : 20 Dec 2024 15:44
 Operator : SY/MD
 Sample : P5316-04
 Misc : 5.56g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-304-IDWSO-20241217-4

Quant Time: Dec 20 18:09:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

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

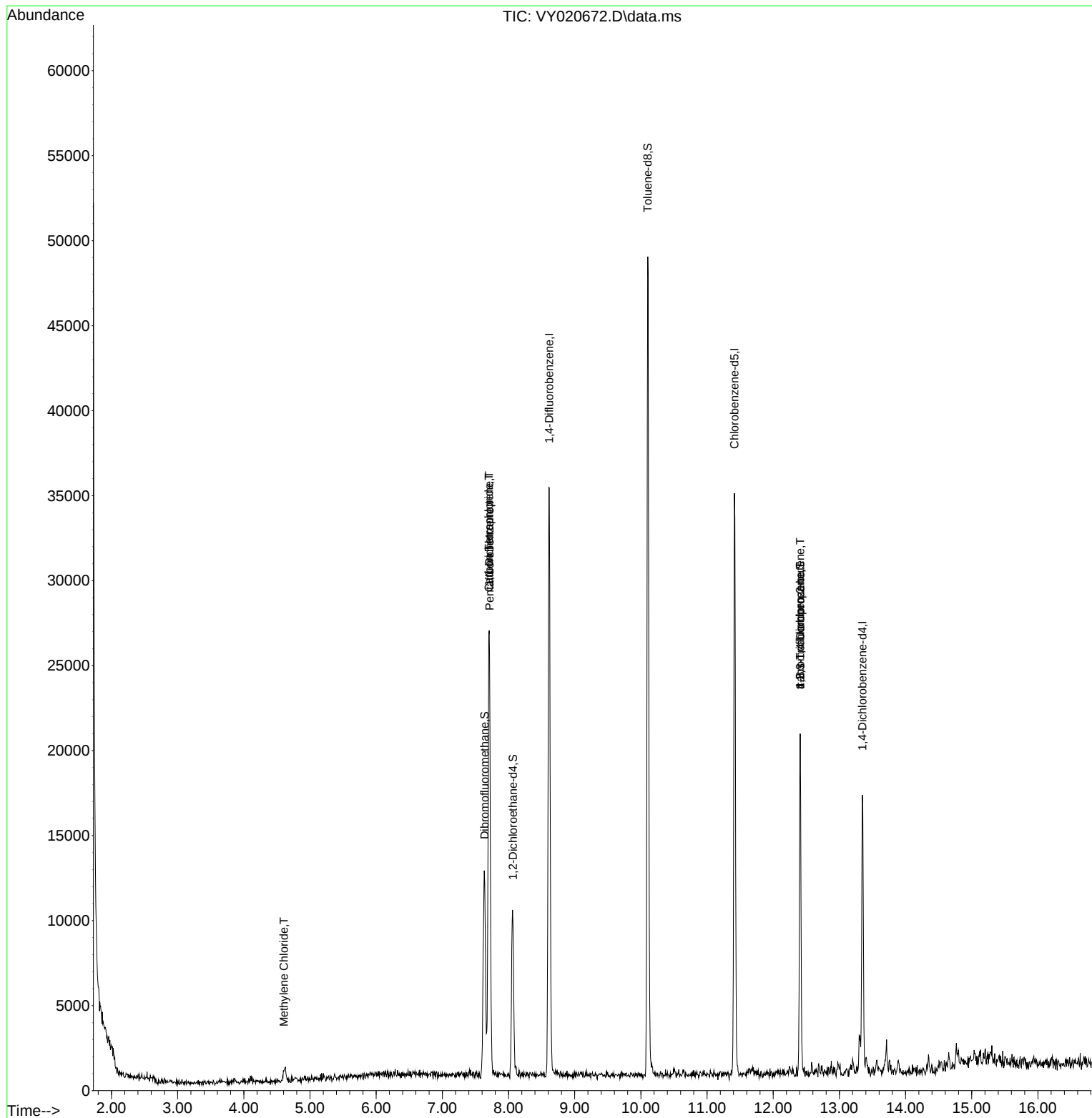
Internal Standards						
1) Pentafluorobenzene	7.713	168	21219	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	29944	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	18784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	4327	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	8111	34.902	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	69.800%
35) Dibromofluoromethane	7.640	113	9056	42.912	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.820%
50) Toluene-d8	10.103	98	33418	45.241	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.480%
62) 4-Bromofluorobenzene	12.408	95	6269	21.696	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	43.400%
Target Compounds						
16) Acetone	3.854	43	216	Below Cal	#	43
20) Methylene Chloride	4.604	84	316	1.094	ug/l #	60
30) Chloroform	7.409	83	23	Below Cal	#	17
36) 1,1-Dichloropropene	7.707	75	1727	4.488	ug/l #	45
38) Carbon Tetrachloride	7.701	117	2046	4.806	ug/l #	11
76) 1,2,3-Trichloropropane	12.408	75	3686	82.004	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	3686	172.129	ug/l #	12

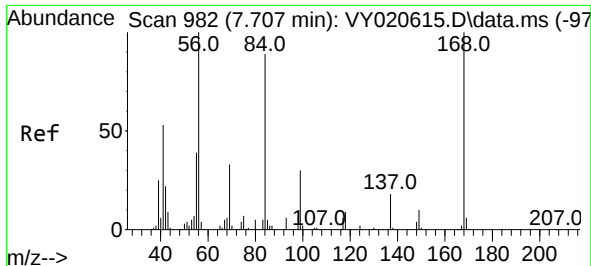
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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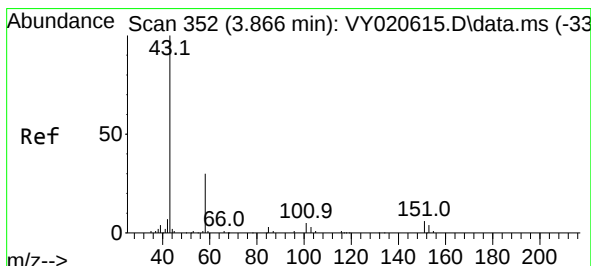
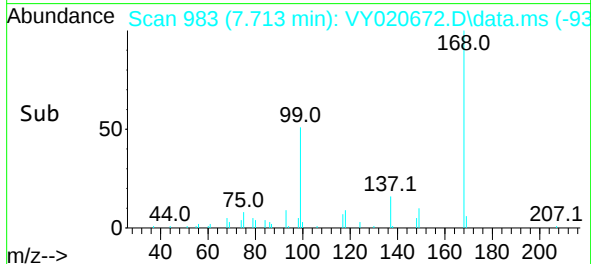
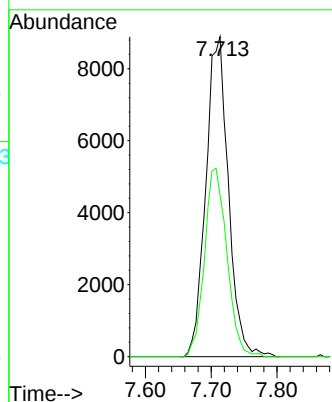
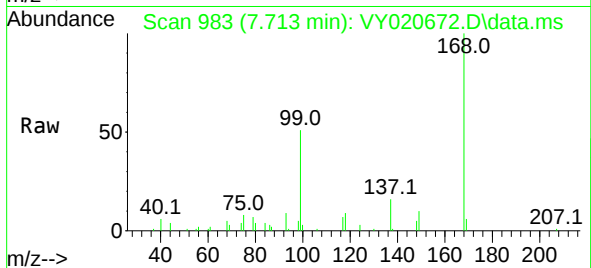




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020672.D
Acq: 20 Dec 2024 15:44

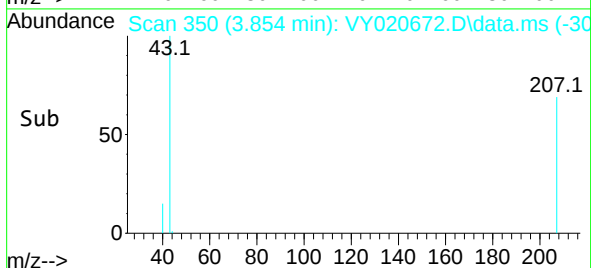
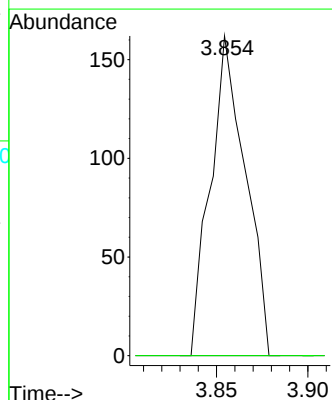
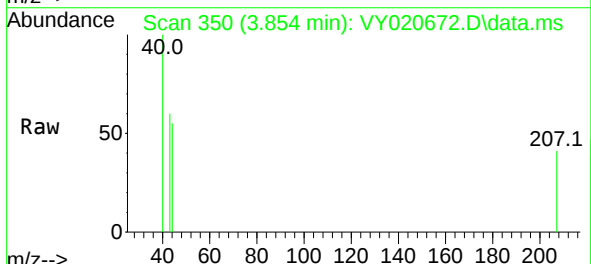
Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-4

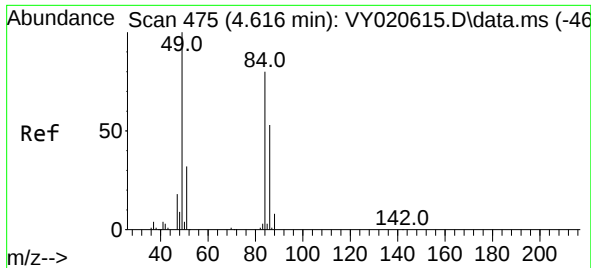
Tgt Ion:168 Resp: 21219
Ion Ratio Lower Upper
168 100
99 50.6 47.0 70.6



#16
Acetone
Concen: Below Cal
RT: 3.854 min Scan# 350
Delta R.T. -0.012 min
Lab File: VY020672.D
Acq: 20 Dec 2024 15:44

Tgt Ion: 43 Resp: 216
Ion Ratio Lower Upper
43 100
58 0.0 25.0 37.6#

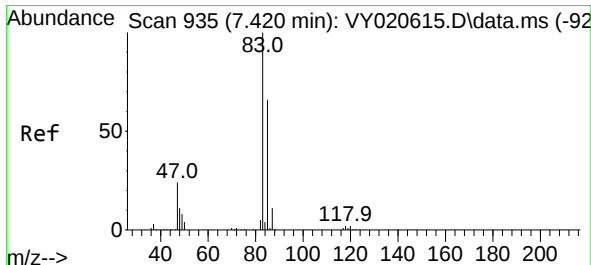
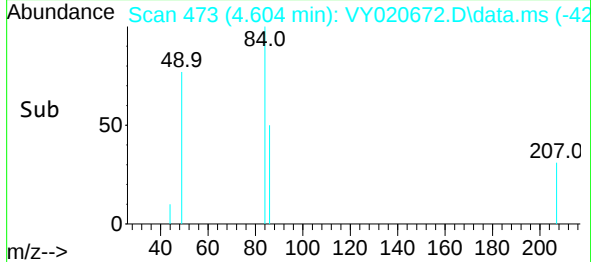
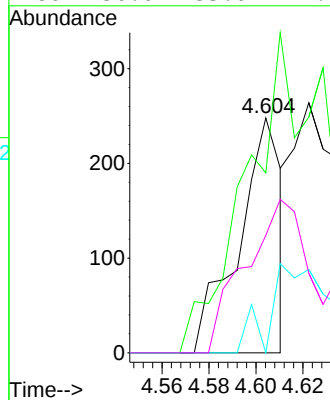
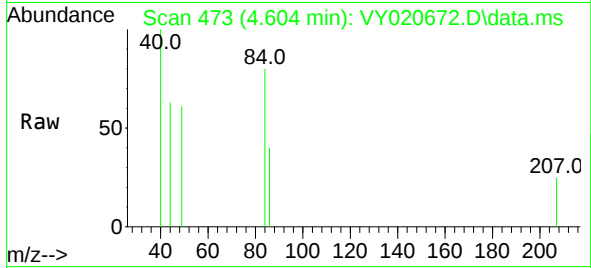




#20
Methylene Chloride
Concen: 1.094 ug/l
RT: 4.604 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY020672.D
Acq: 20 Dec 2024 15:44

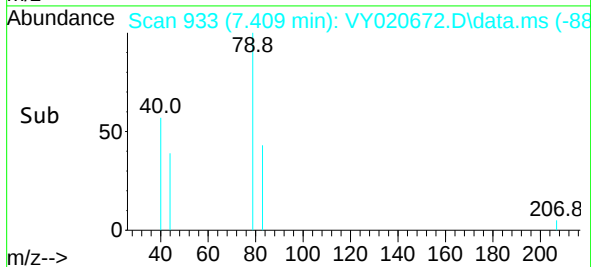
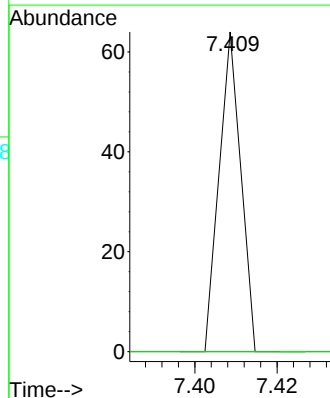
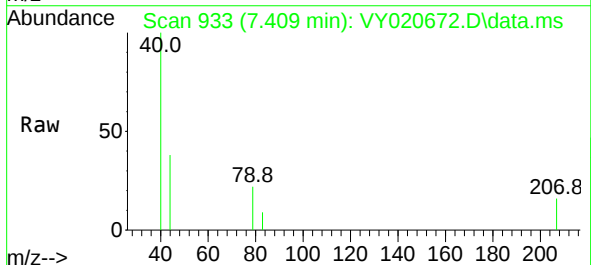
Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-4

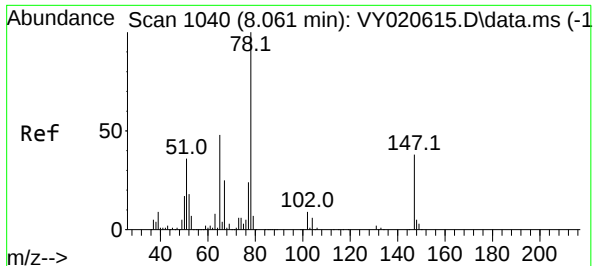
Tgt Ion:	84	Resp:	316
Ion	Ratio	Lower	Upper
84	100		
49	76.6	100.7	151.1#
51	0.0	32.2	48.2#
86	50.0	53.0	79.6#



#30
Chloroform
Concen: Below Cal
RT: 7.409 min Scan# 933
Delta R.T. -0.011 min
Lab File: VY020672.D
Acq: 20 Dec 2024 15:44

Tgt Ion:	83	Resp:	23
Ion	Ratio	Lower	Upper
83	100		
85	0.0	52.7	79.1#





#33

1,2-Dichloroethane-d4

Concen: 34.902 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY020672.D

Acq: 20 Dec 2024 15:44

Instrument :

MSVOA_Y

ClientSampleId :

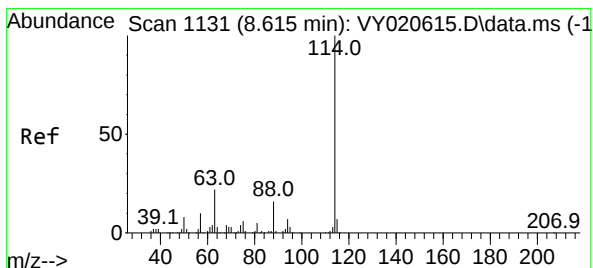
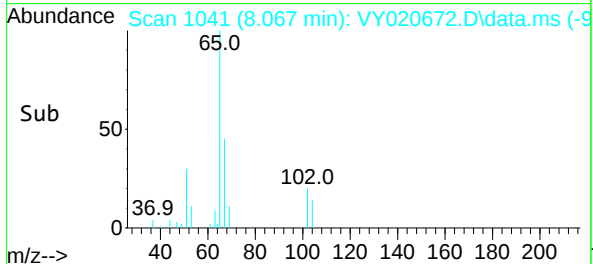
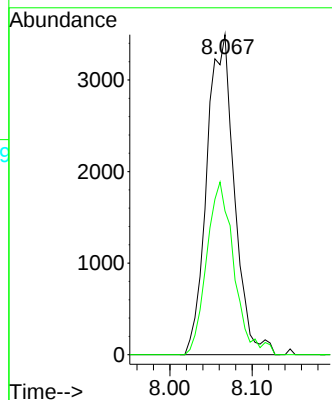
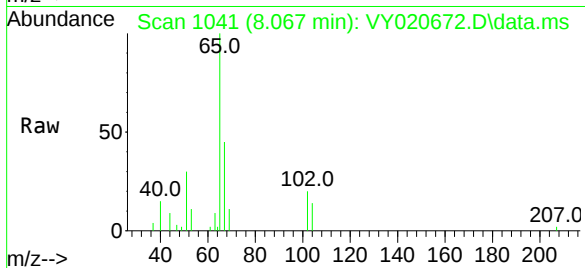
TT-304-IDWSO-20241217-4

Tgt Ion: 65 Resp: 8111

Ion Ratio Lower Upper

65 100

67 53.7 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020672.D

Acq: 20 Dec 2024 15:44

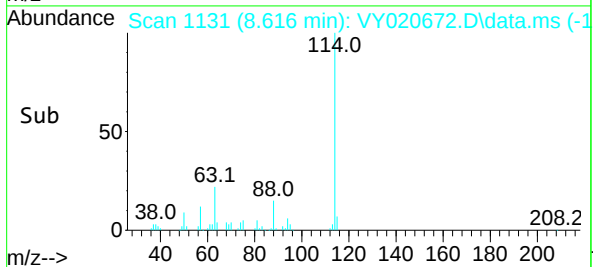
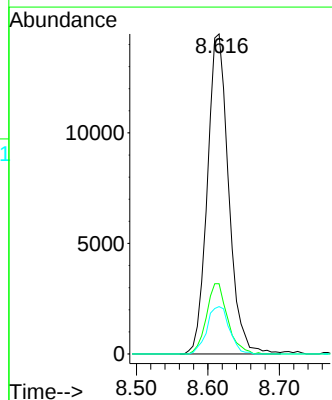
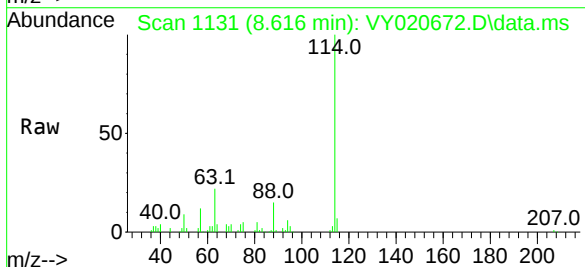
Tgt Ion: 114 Resp: 29944

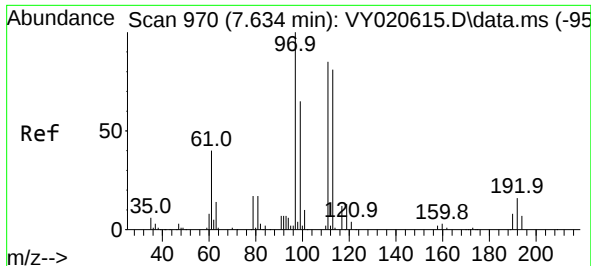
Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.0

88 14.8 0.0 32.8

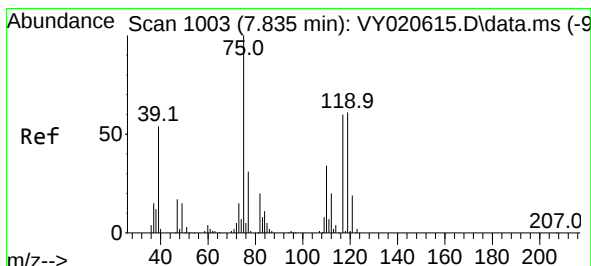
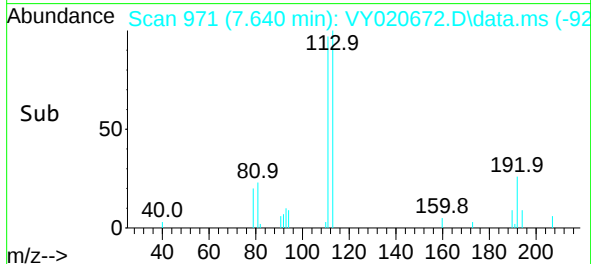
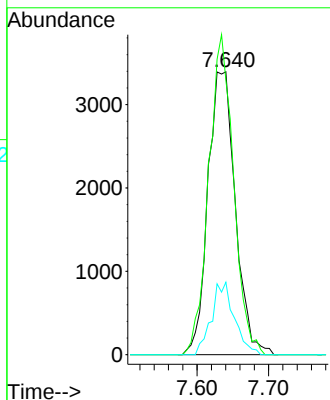
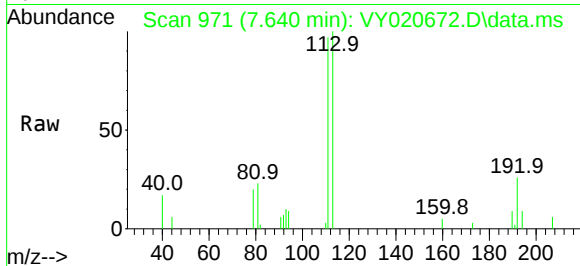




#35
Dibromofluoromethane
Concen: 42.912 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020672.D
Acq: 20 Dec 2024 15:44

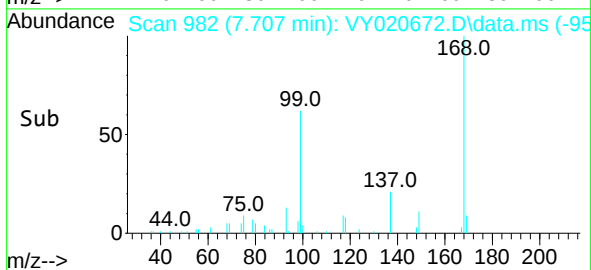
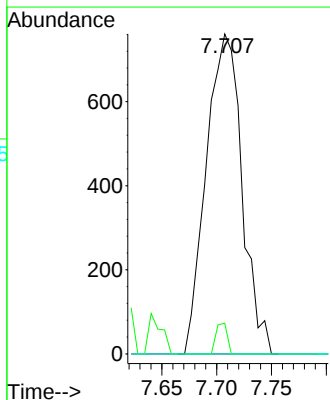
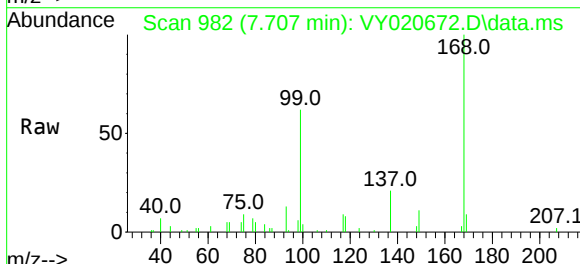
Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-4

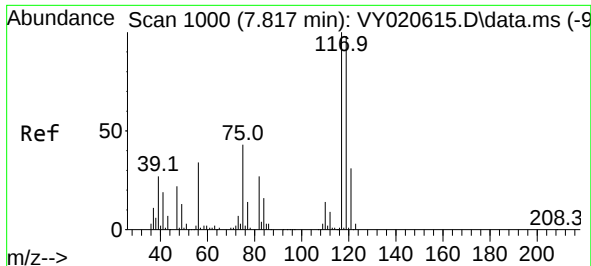
Tgt Ion:	113	Resp:	9056
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.9	124.3
192	21.3	15.7	23.5



#36
1,1-Dichloropropene
Concen: 4.488 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY020672.D
Acq: 20 Dec 2024 15:44

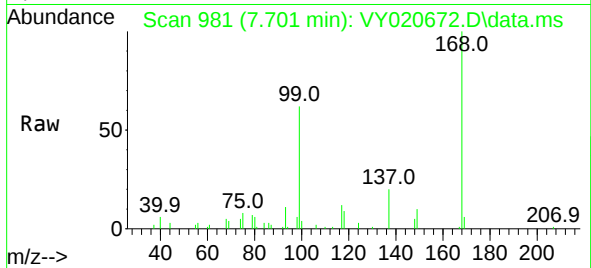
Tgt Ion:	75	Resp:	1727
Ion	Ratio	Lower	Upper
75	100		
110	3.0	16.8	50.4#
77	0.0	25.0	37.6#



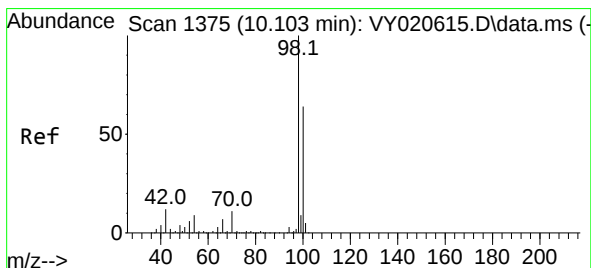
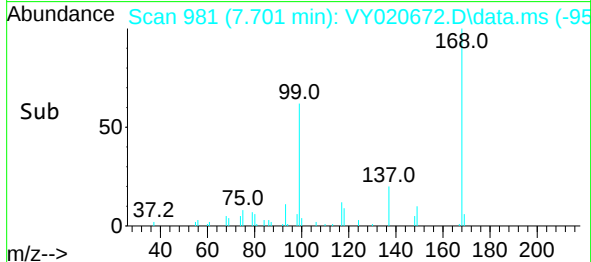
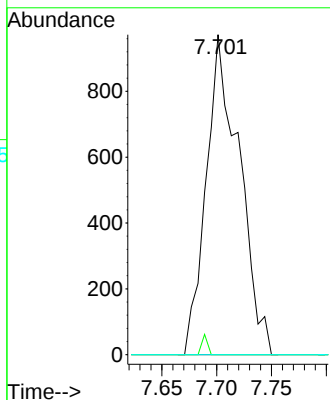


#38
Carbon Tetrachloride
Concen: 4.806 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY020672.D
Acq: 20 Dec 2024 15:44

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-4

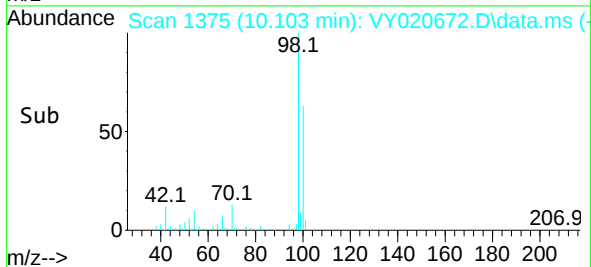
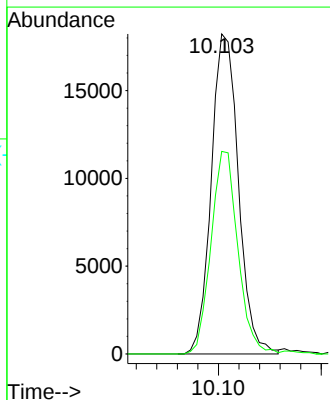
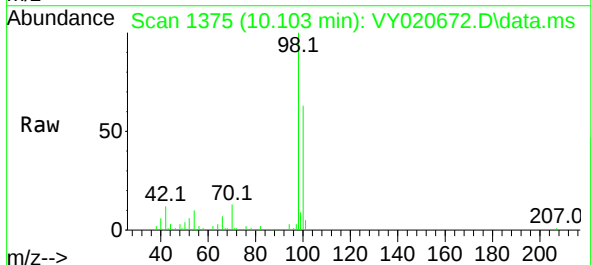


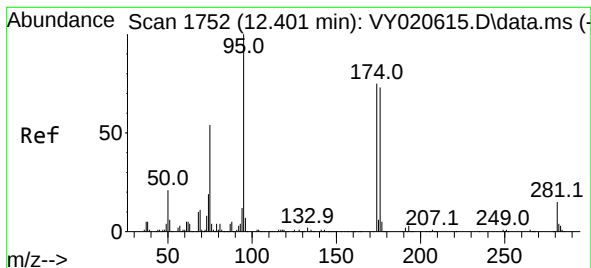
Tgt Ion:117 Resp: 2046
Ion Ratio Lower Upper
117 100
119 0.0 78.3 117.5#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 45.241 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY020672.D
Acq: 20 Dec 2024 15:44

Tgt Ion: 98 Resp: 33418
Ion Ratio Lower Upper
98 100
100 63.2 52.1 78.1





#62

4-Bromofluorobenzene

Concen: 21.696 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020672.D

Acq: 20 Dec 2024 15:44

Instrument :

MSVOA_Y

ClientSampleId :

TT-304-IDWSO-20241217-4

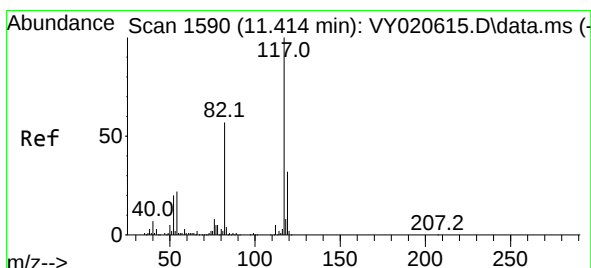
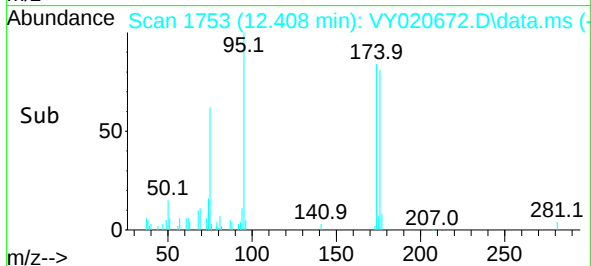
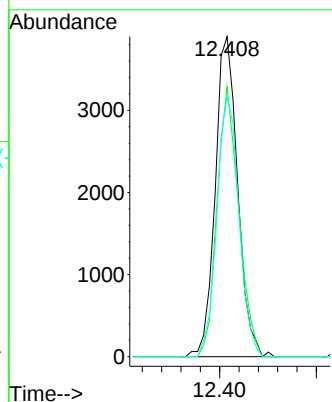
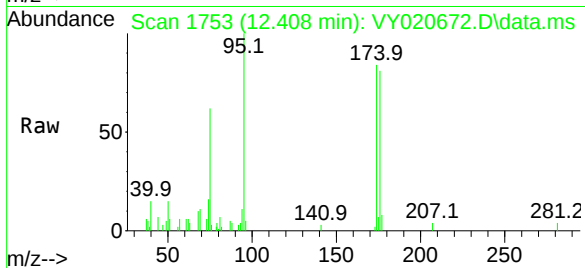
Tgt Ion: 95 Resp: 6269

Ion Ratio Lower Upper

95 100

174 81.7 0.0 161.8

176 79.9 0.0 156.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY020672.D

Acq: 20 Dec 2024 15:44

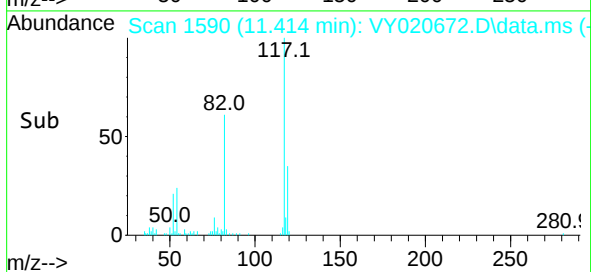
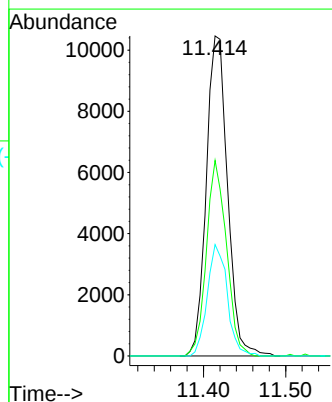
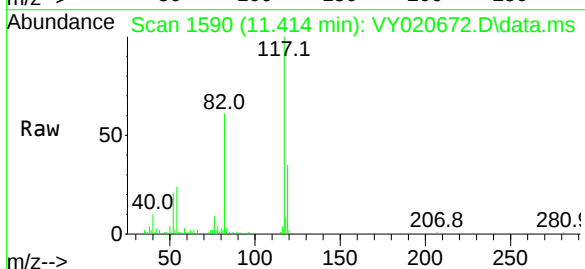
Tgt Ion: 117 Resp: 18784

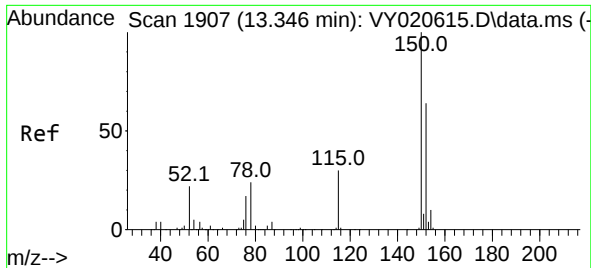
Ion Ratio Lower Upper

117 100

82 61.1 45.8 68.6

119 34.8 25.3 37.9

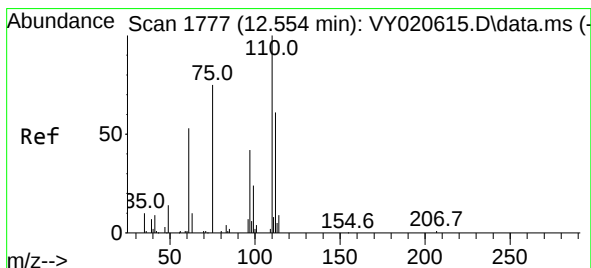
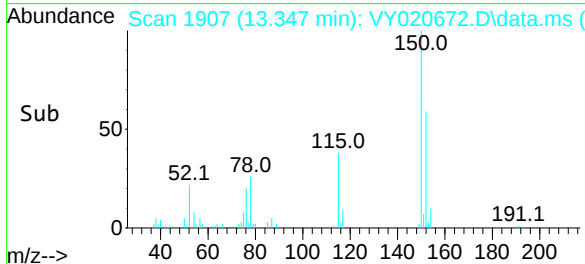
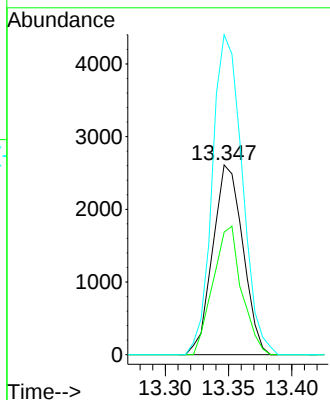
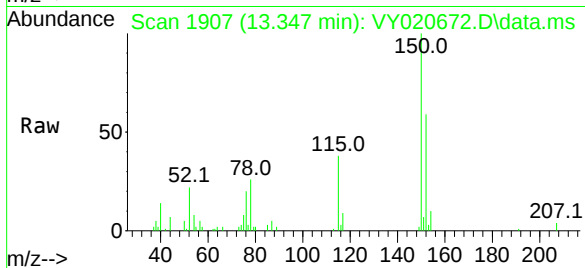




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY020672.D
 Acq: 20 Dec 2024 15:44

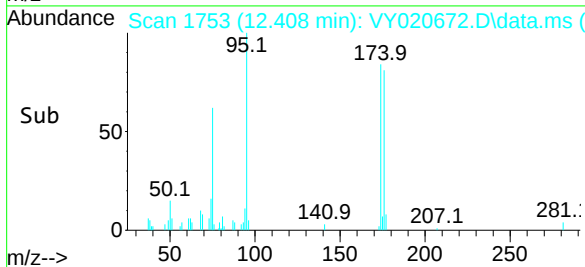
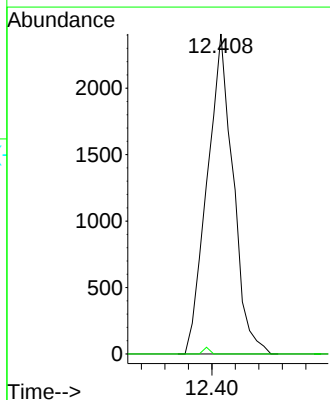
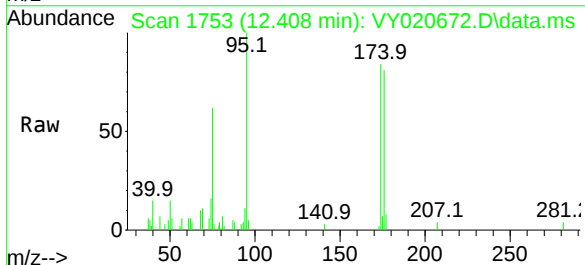
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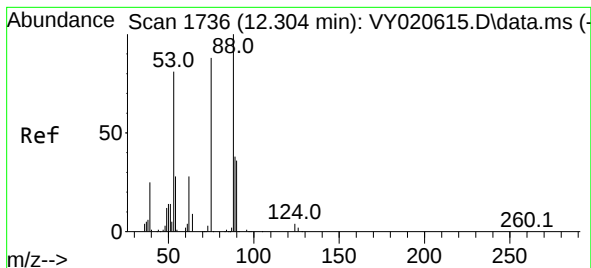
Tgt Ion:152 Resp: 4327
 Ion Ratio Lower Upper
 152 100
 115 64.4 30.2 90.6
 150 167.4 0.0 355.4



#76
 1,2,3-Trichloropropane
 Concen: 82.004 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.146 min
 Lab File: VY020672.D
 Acq: 20 Dec 2024 15:44

Tgt Ion: 75 Resp: 3686
 Ion Ratio Lower Upper
 75 100
 77 0.5 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 172.129 ug/l

RT: 12.408 min Scan# 11

Delta R.T. 0.104 min

Lab File: VY020672.D

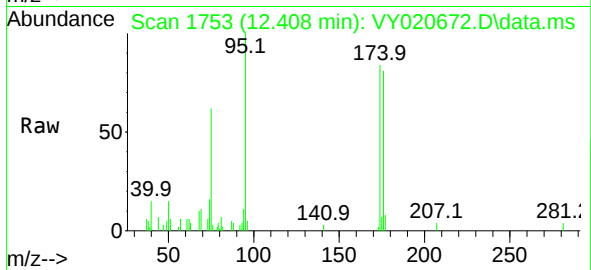
Acq: 20 Dec 2024 15:44

Instrument :

MSVOA_Y

ClientSampleId :

TT-304-IDWSO-20241217-4



Tgt Ion: 75 Resp: 3686

Ion Ratio Lower Upper

75 100

53 0.0 75.4 113.2#

89 0.0 37.0 55.4#

