

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071624\
 Data File : VY018834.D
 Acq On : 16 Jul 2024 16:03
 Operator : SY/MD
 Sample : P3246-24
 Misc : 7.80g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 17 01:57:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.722	168	205215	50.000	ug/l	-0.06
34) 1,4-Difluorobenzene	8.642	114	349663	50.000	ug/l	-0.04
63) Chlorobenzene-d5	11.477	117	293199	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	95510	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.081	65	112456	55.689	ug/l	-0.05
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.380%	
35) Dibromofluoromethane	7.649	113	112868	51.538	ug/l	-0.05
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.080%	
50) Toluene-d8	10.154	98	394398	47.535	ug/l	-0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.060%	
62) 4-Bromofluorobenzene	12.471	95	111404	39.317	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 78.640%	

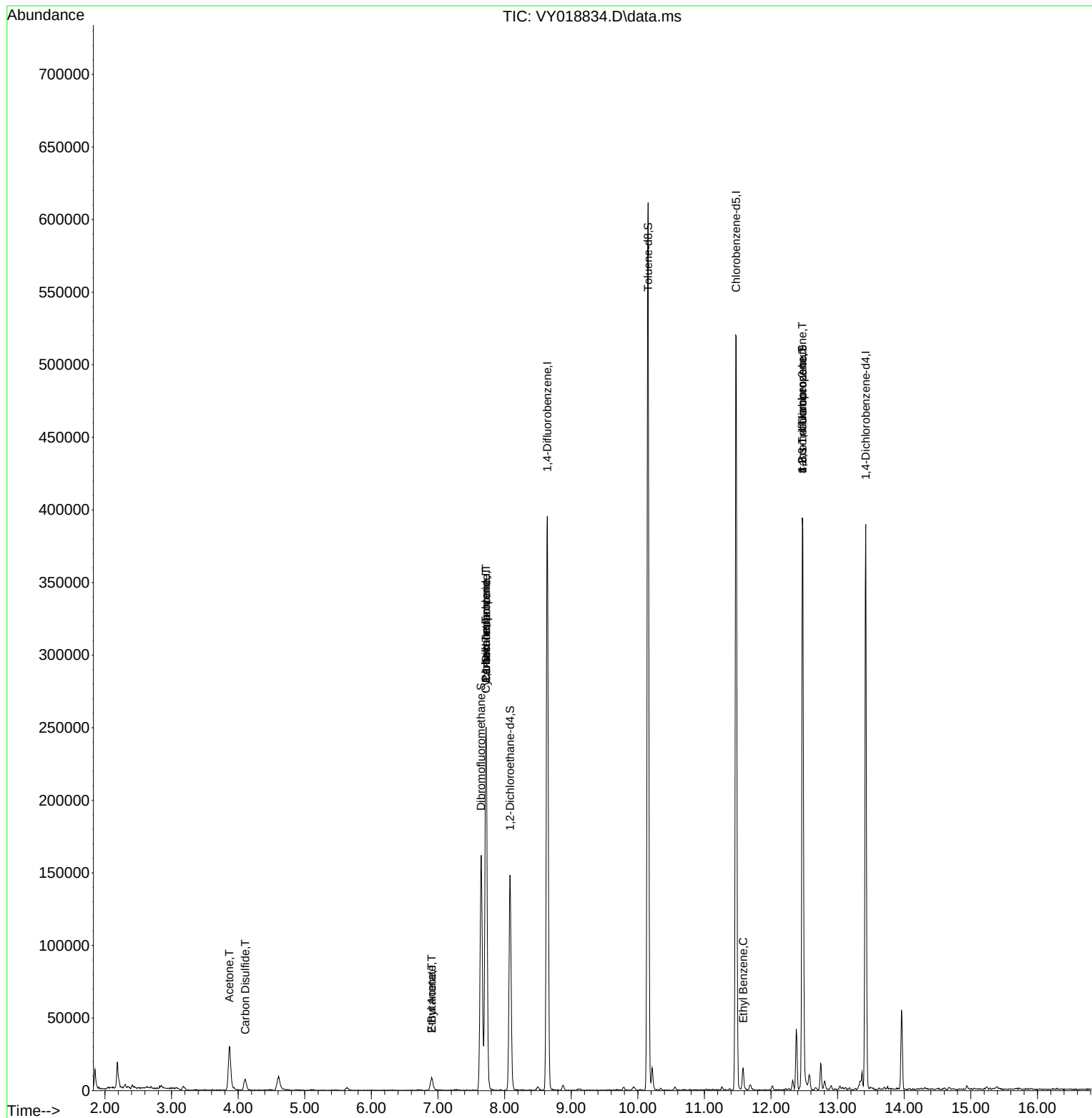
Target Compounds				Qvalue		
16) Acetone	3.869	43	50914	136.758	ug/l #	87
17) Carbon Disulfide	4.107	76	13580	2.446	ug/l #	92
20) Methylene Chloride	4.600	84	6781	Below Cal		99
25) 2-Butanone	6.905	43	14219	27.247	ug/l	96
31) Cyclohexane	7.716	56	4731	1.525	ug/l #	31
36) 1,1-Dichloropropene	7.722	75	14737	4.876	ug/l #	48
37) Ethyl Acetate	6.905	43	14219	11.319	ug/l #	67
38) Carbon Tetrachloride	7.722	117	20237	5.559	ug/l #	16
67) Ethyl Benzene	11.581	91	10865	1.003	ug/l	94
76) 1,2,3-Trichloropropane	12.471	75	62191	83.137	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.471	75	62191	186.066	ug/l #	16

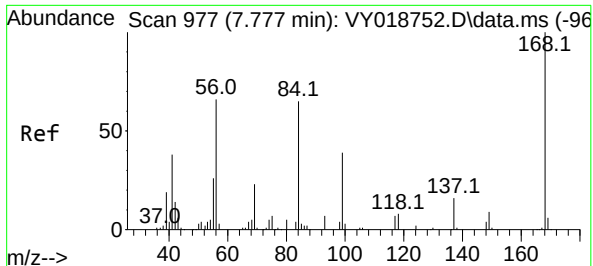
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071624\
Data File : VY018834.D
Acq On : 16 Jul 2024 16:03
Operator : SY/MD
Sample : P3246-24
Misc : 7.80g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

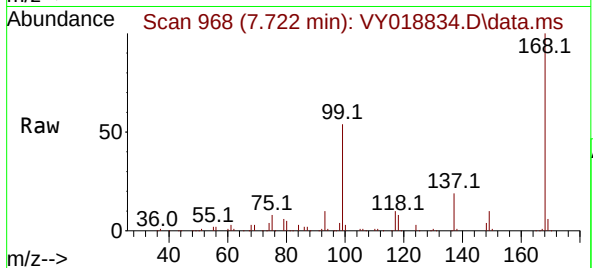
Quant Time: Jul 17 01:57:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 09 14:28:51 2024
Response via : Initial Calibration



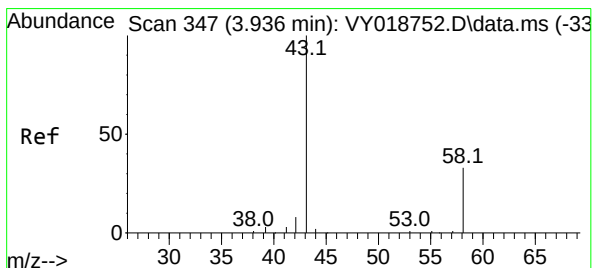
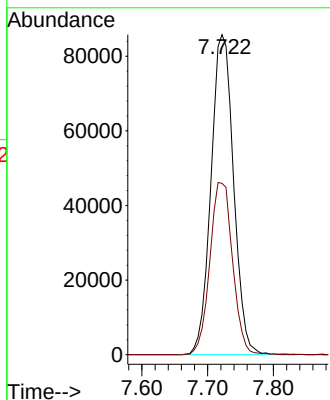
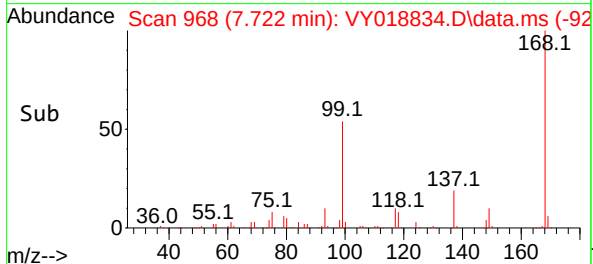


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.055 min
Lab File: VY018834.D
Acq: 16 Jul 2024 16:03

Instrument :
MSVOA_Y
ClientSampleId :

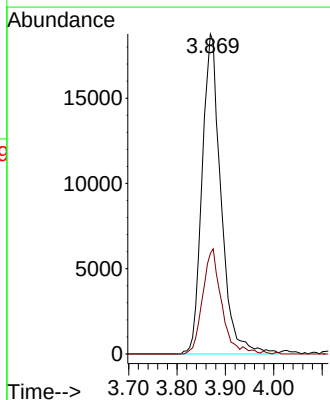
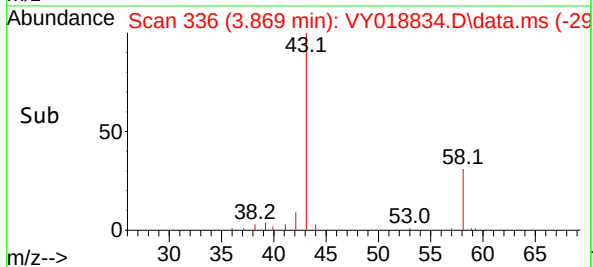
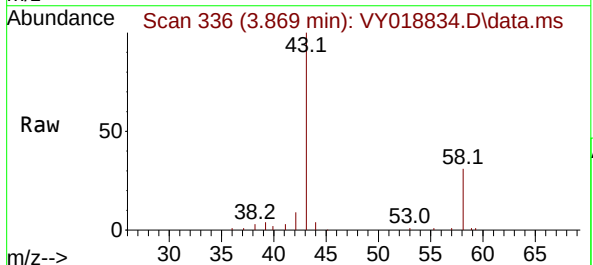


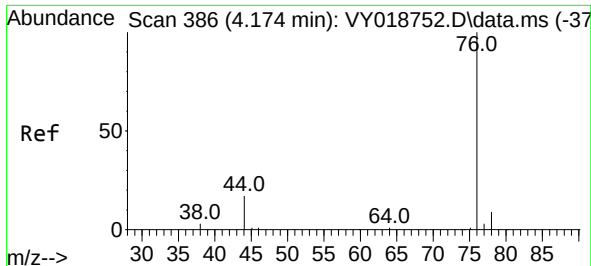
Tgt Ion:168 Resp: 205215
Ion Ratio Lower Upper
168 100
99 53.5 39.1 58.7



#16
Acetone
Concen: 136.758 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.067 min
Lab File: VY018834.D
Acq: 16 Jul 2024 16:03

Tgt Ion: 43 Resp: 50914
Ion Ratio Lower Upper
43 100
58 31.4 31.7 47.5#

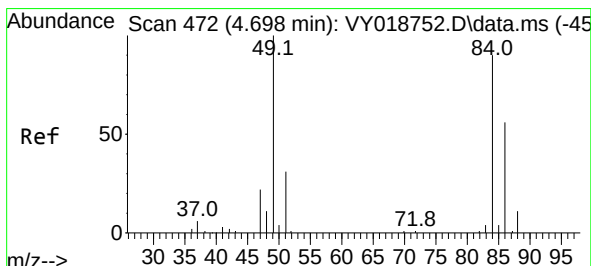
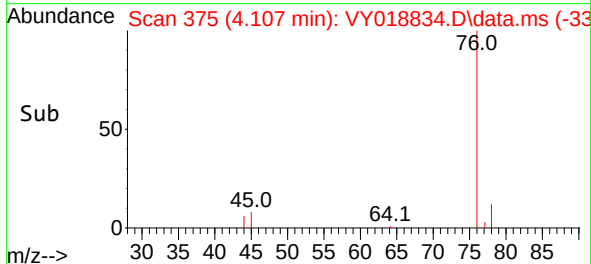
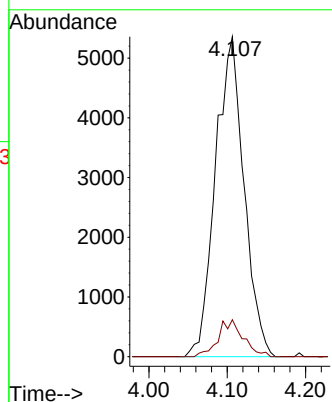
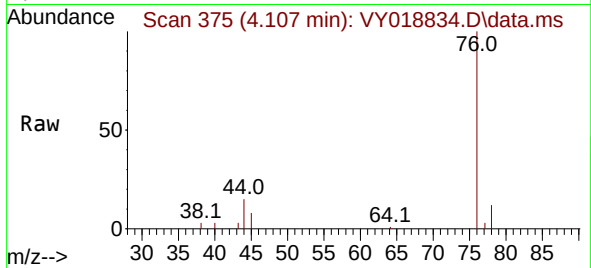




#17
Carbon Disulfide
Concen: 2.446 ug/l
RT: 4.107 min Scan# 31
Delta R.T. -0.067 min
Lab File: VY018834.D
Acq: 16 Jul 2024 16:03

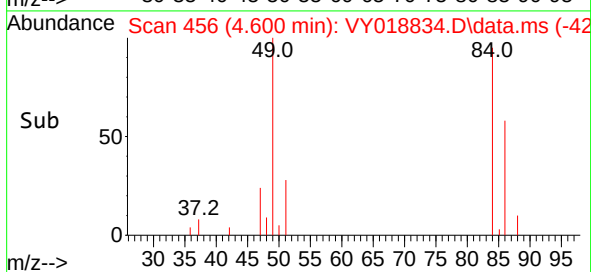
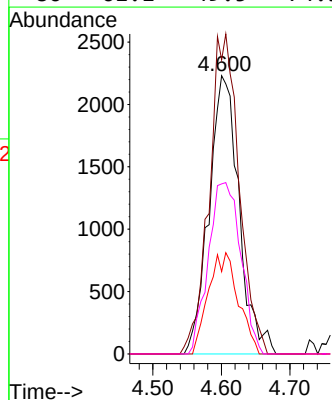
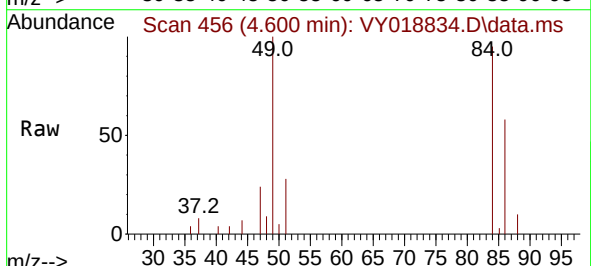
Instrument :
MSVOA_Y
ClientSampleId :

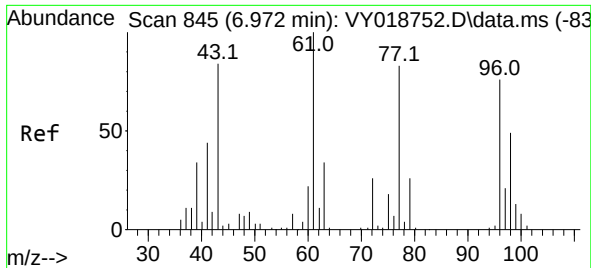
Tgt Ion: 76 Resp: 13580
Ion Ratio Lower Upper
76 100
78 11.5 6.8 10.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.600 min Scan# 456
Delta R.T. -0.098 min
Lab File: VY018834.D
Acq: 16 Jul 2024 16:03

Tgt Ion: 84 Resp: 6781
Ion Ratio Lower Upper
84 100
49 105.7 84.4 126.6
51 29.6 26.0 39.0
86 61.1 49.5 74.3





#25

2-Butanone

Concen: 27.247 ug/l

RT: 6.905 min Scan# 81

Delta R.T. -0.067 min

Lab File: VY018834.D

Acq: 16 Jul 2024 16:03

Instrument :

MSVOA_Y

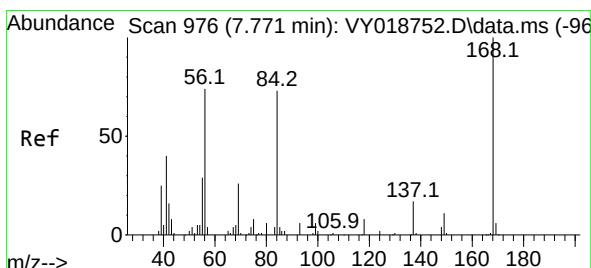
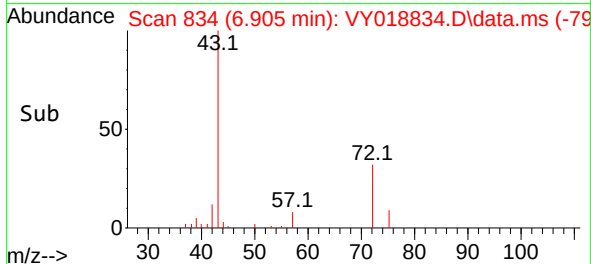
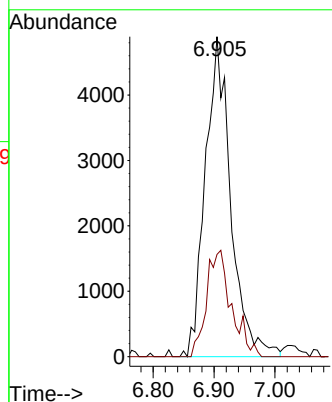
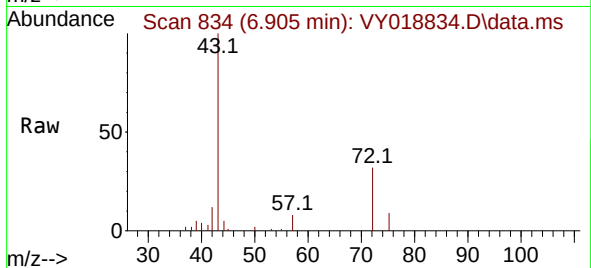
ClientSampleId :

Tgt Ion: 43 Resp: 14219

Ion Ratio Lower Upper

43 100

72 32.0 27.3 40.9



#31

Cyclohexane

Concen: 1.525 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.055 min

Lab File: VY018834.D

Acq: 16 Jul 2024 16:03

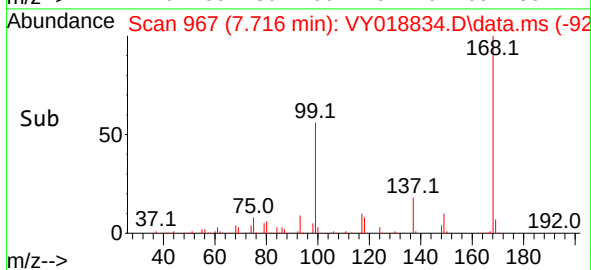
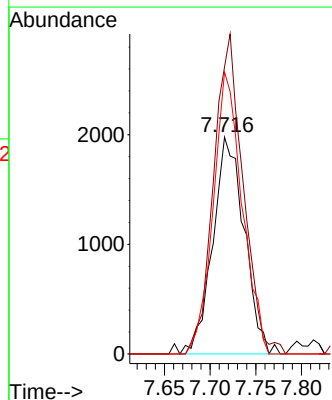
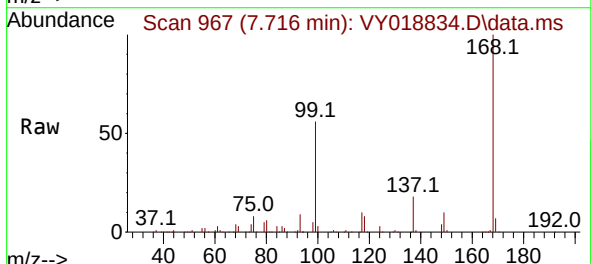
Tgt Ion: 56 Resp: 4731

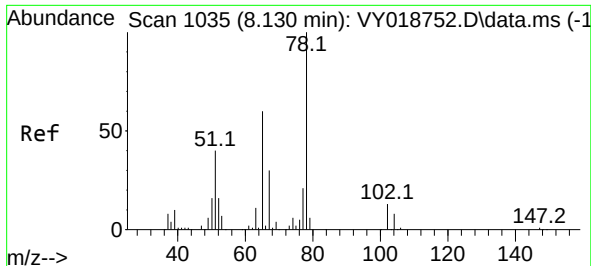
Ion Ratio Lower Upper

56 100

69 132.4 28.7 43.1#

84 130.1 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 55.689 ug/l

RT: 8.081 min Scan# 1119

Delta R.T. -0.049 min

Lab File: VY018834.D

Acq: 16 Jul 2024 16:03

Instrument :

MSVOA_Y

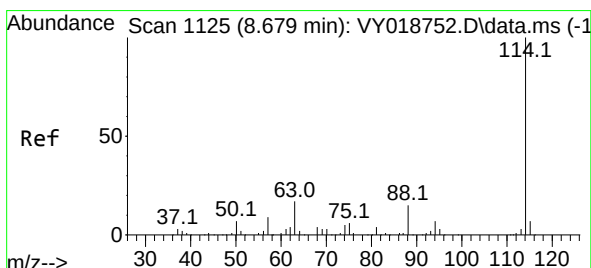
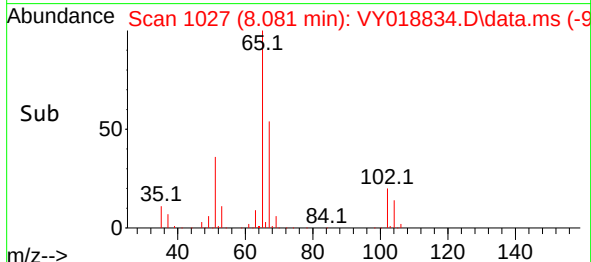
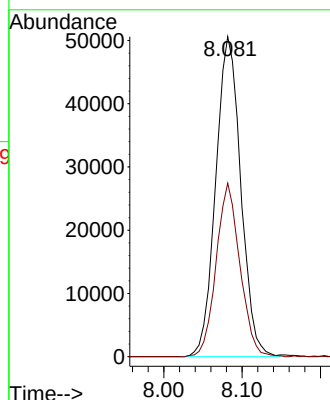
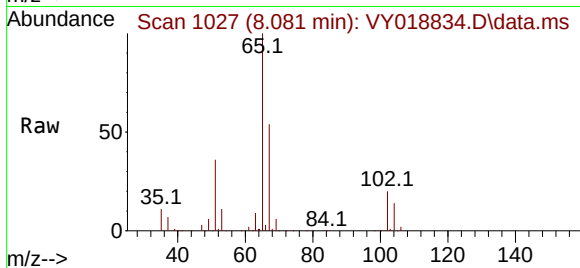
ClientSampleId :

Tgt Ion: 65 Resp: 112456

Ion Ratio Lower Upper

65 100

67 51.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.642 min Scan# 1119

Delta R.T. -0.037 min

Lab File: VY018834.D

Acq: 16 Jul 2024 16:03

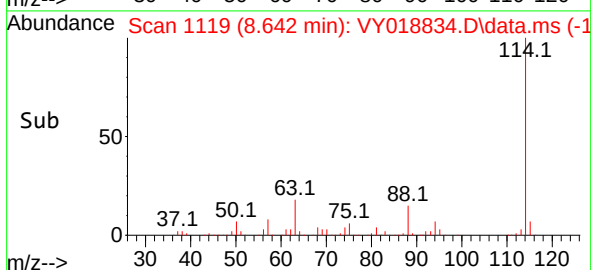
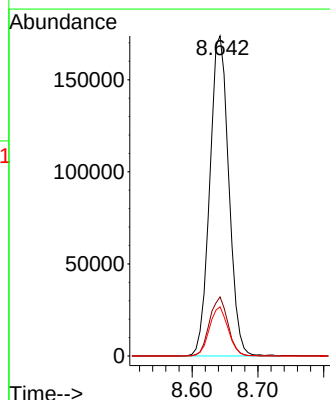
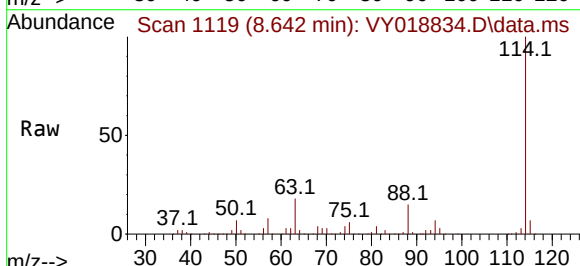
Tgt Ion: 114 Resp: 349663

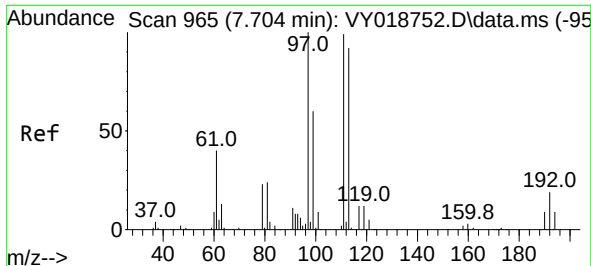
Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.0

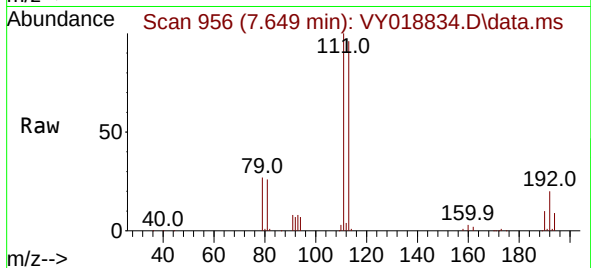
88 15.4 0.0 27.2



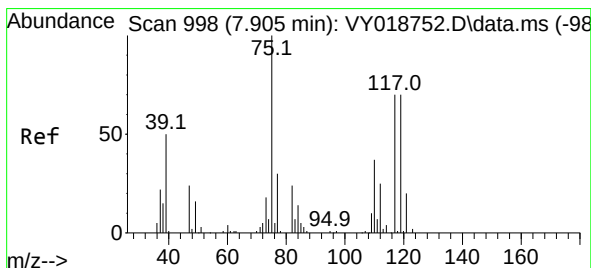
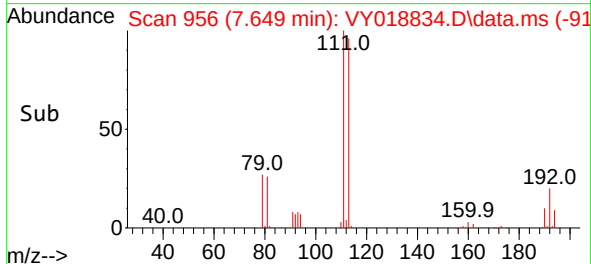
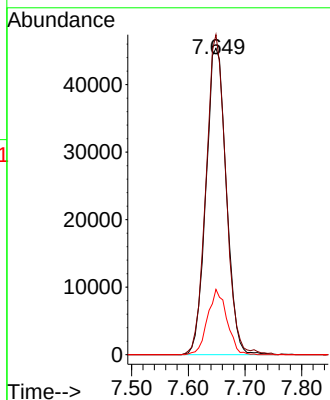


#35
Dibromofluoromethane
Concen: 51.538 ug/l
RT: 7.649 min Scan# 911
Delta R.T. -0.055 min
Lab File: VY018834.D
Acq: 16 Jul 2024 16:03

Instrument :
MSVOA_Y
ClientSampleId :

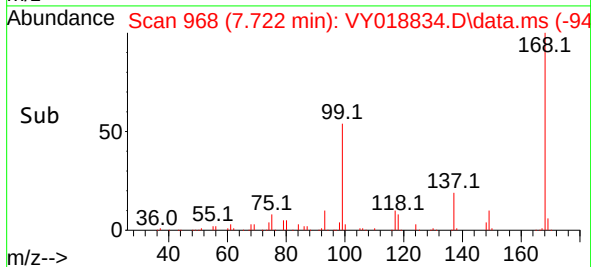
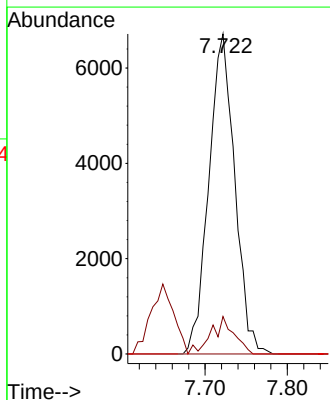
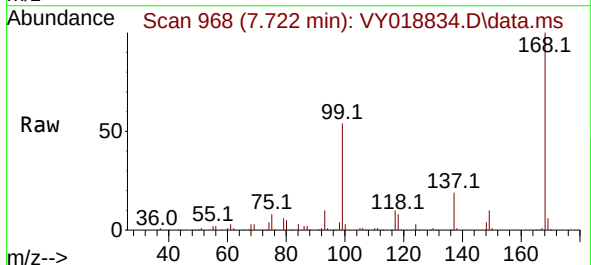


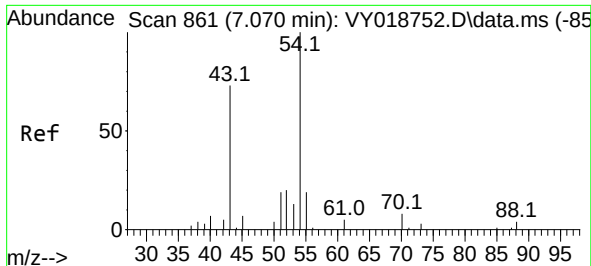
Tgt Ion:113 Resp: 112868
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 20.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.876 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.183 min
Lab File: VY018834.D
Acq: 16 Jul 2024 16:03

Tgt Ion: 75 Resp: 14737
Ion Ratio Lower Upper
75 100
110 9.6 19.0 57.0#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 11.319 ug/l

RT: 6.905 min Scan# 81

Delta R.T. -0.165 min

Lab File: VY018834.D

Acq: 16 Jul 2024 16:03

Instrument :

MSVOA_Y

ClientSampleId :

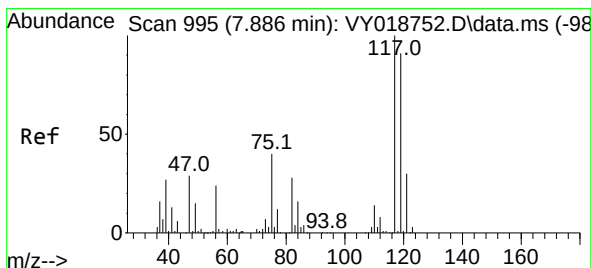
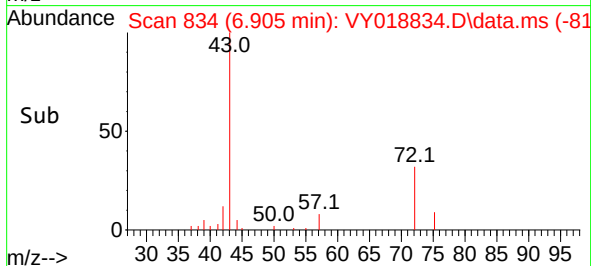
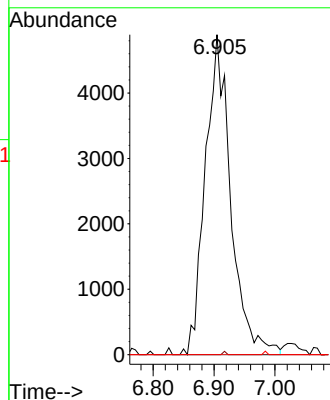
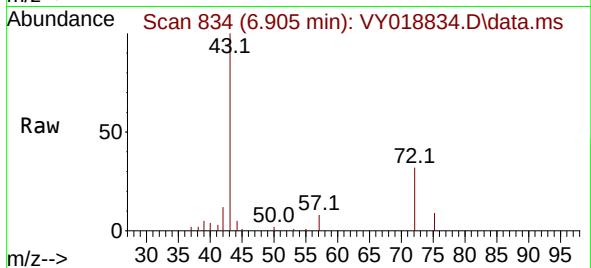
Tgt Ion: 43 Resp: 14219

Ion Ratio Lower Upper

43 100

61 0.1 12.6 19.0#

70 0.0 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 5.559 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.165 min

Lab File: VY018834.D

Acq: 16 Jul 2024 16:03

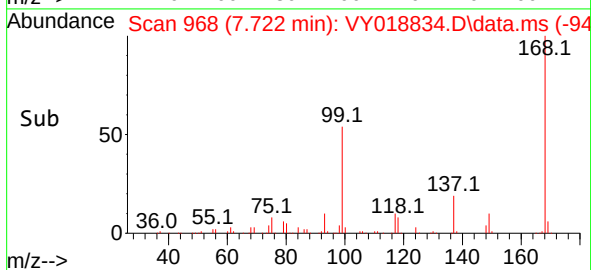
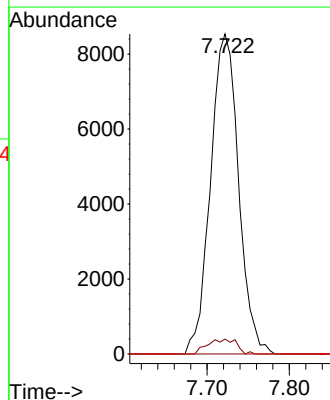
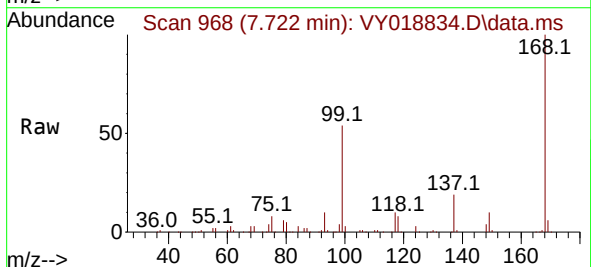
Tgt Ion: 117 Resp: 20237

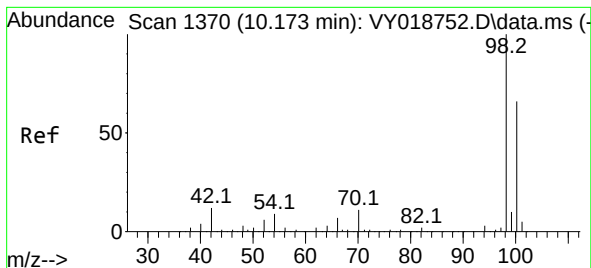
Ion Ratio Lower Upper

117 100

119 4.6 75.8 113.6#

121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 47.535 ug/l

RT: 10.154 min Scan# 11

Delta R.T. -0.018 min

Lab File: VY018834.D

Acq: 16 Jul 2024 16:03

Instrument :

MSVOA_Y

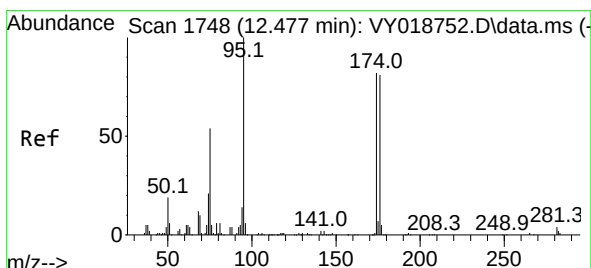
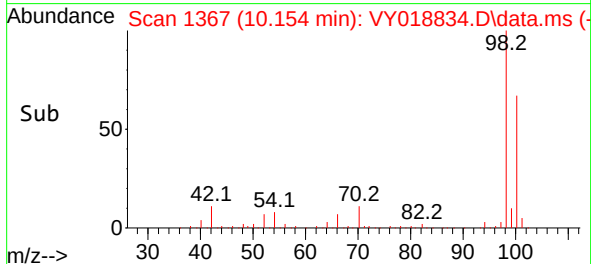
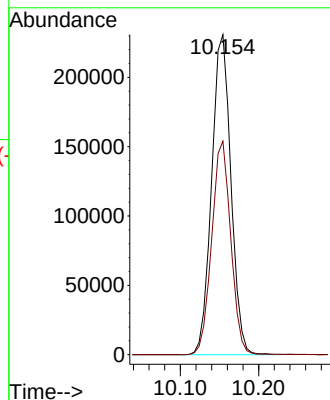
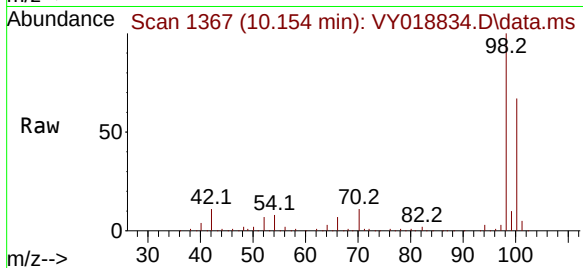
ClientSampleId :

Tgt Ion: 98 Resp: 394398

Ion Ratio Lower Upper

98 100

100 65.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 39.317 ug/l

RT: 12.471 min Scan# 1747

Delta R.T. -0.006 min

Lab File: VY018834.D

Acq: 16 Jul 2024 16:03

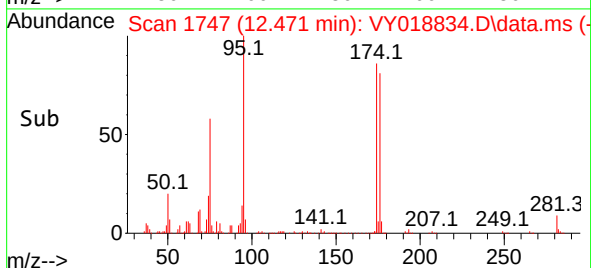
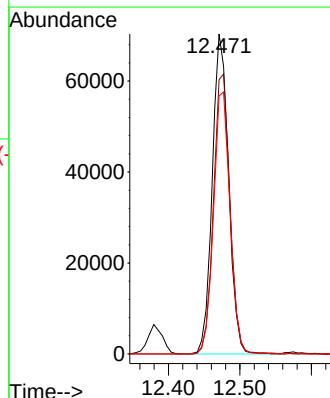
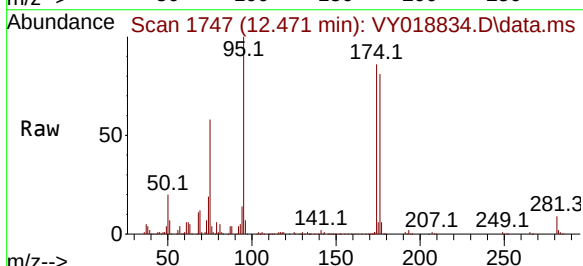
Tgt Ion: 95 Resp: 111404

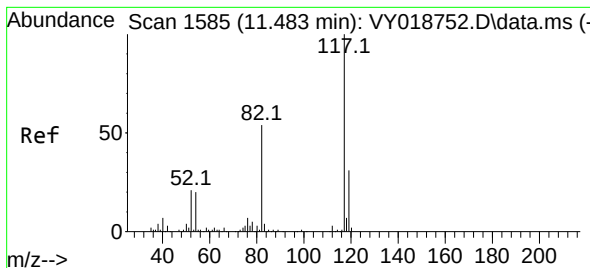
Ion Ratio Lower Upper

95 100

174 88.3 0.0 175.6

176 83.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.477 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY018834.D

Acq: 16 Jul 2024 16:03

Instrument :

MSVOA_Y

ClientSampleId :

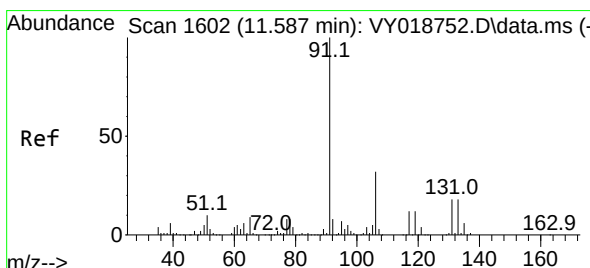
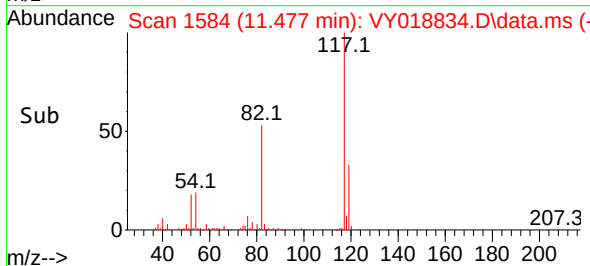
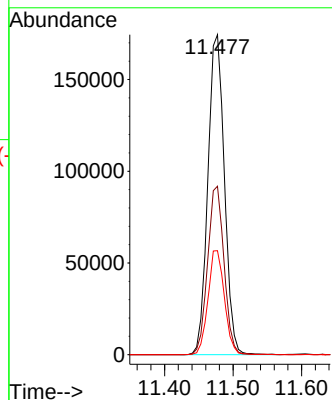
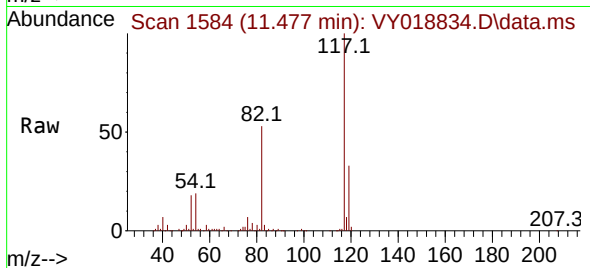
Tgt Ion:117 Resp: 293199

Ion Ratio Lower Upper

117 100

82 52.7 42.4 63.6

119 32.5 25.9 38.9



#67

Ethyl Benzene

Concen: 1.003 ug/l

RT: 11.581 min Scan# 1601

Delta R.T. -0.006 min

Lab File: VY018834.D

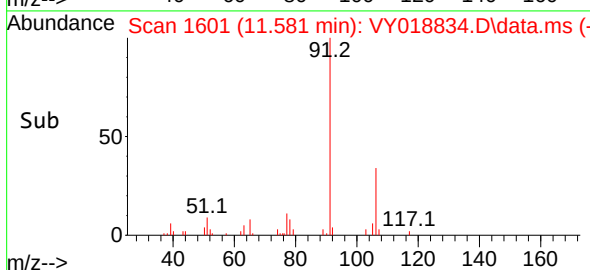
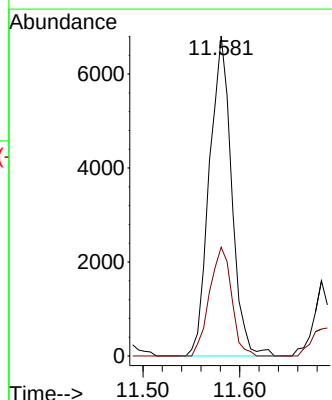
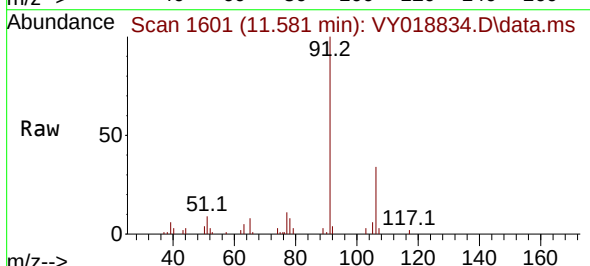
Acq: 16 Jul 2024 16:03

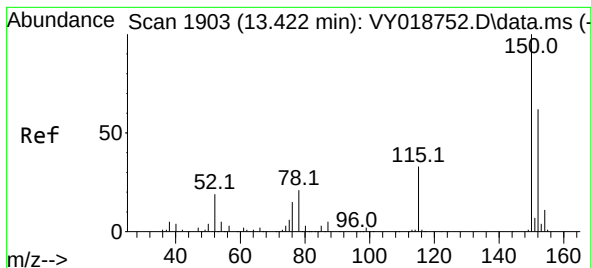
Tgt Ion: 91 Resp: 10865

Ion Ratio Lower Upper

91 100

106 34.0 24.5 36.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY018834.D

Acq: 16 Jul 2024 16:03

Instrument :

MSVOA_Y

ClientSampleId :

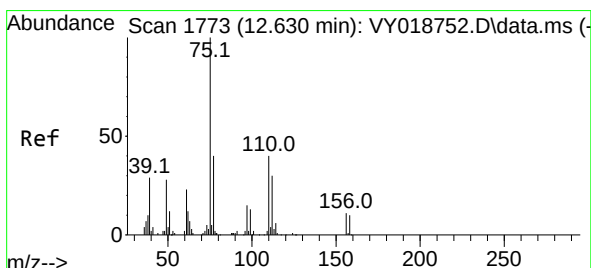
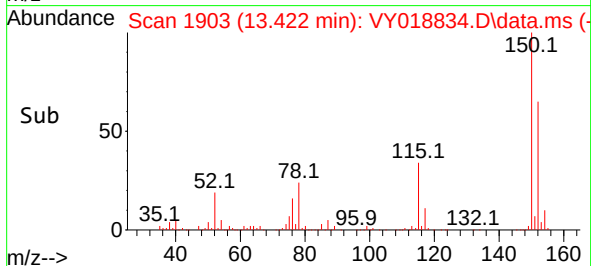
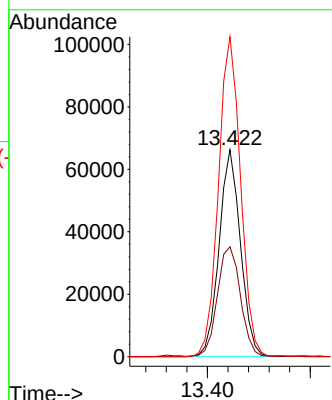
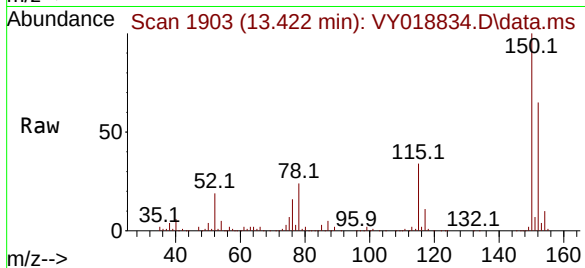
Tgt Ion:152 Resp: 95510

Ion Ratio Lower Upper

152 100

115 57.0 28.2 84.7

150 160.1 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 83.137 ug/l

RT: 12.471 min Scan# 1747

Delta R.T. -0.159 min

Lab File: VY018834.D

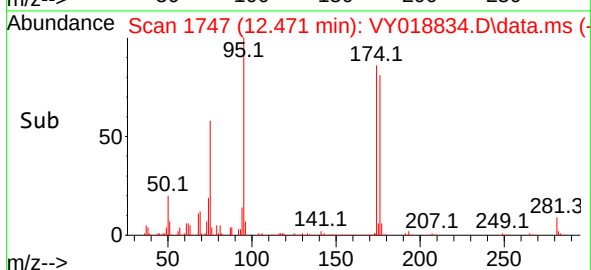
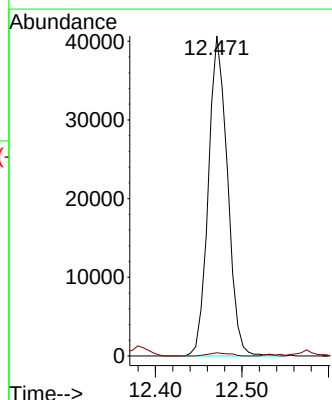
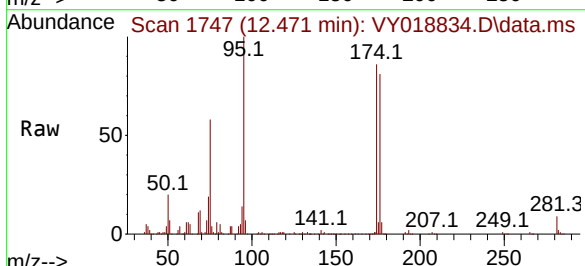
Acq: 16 Jul 2024 16:03

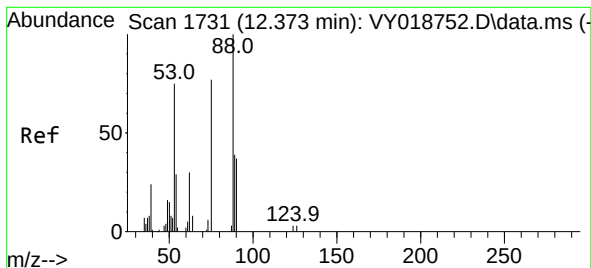
Tgt Ion: 75 Resp: 62191

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 186.066 ug/l
 RT: 12.471 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY018834.D
 Acq: 16 Jul 2024 16:03

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 75 Resp: 62191
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.1 35.8 53.6#

