

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040925\
 Data File : VY021819.D
 Acq On : 09 Apr 2025 15:14
 Operator : SY/MD
 Sample : Q1754-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Apr 10 01:43:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

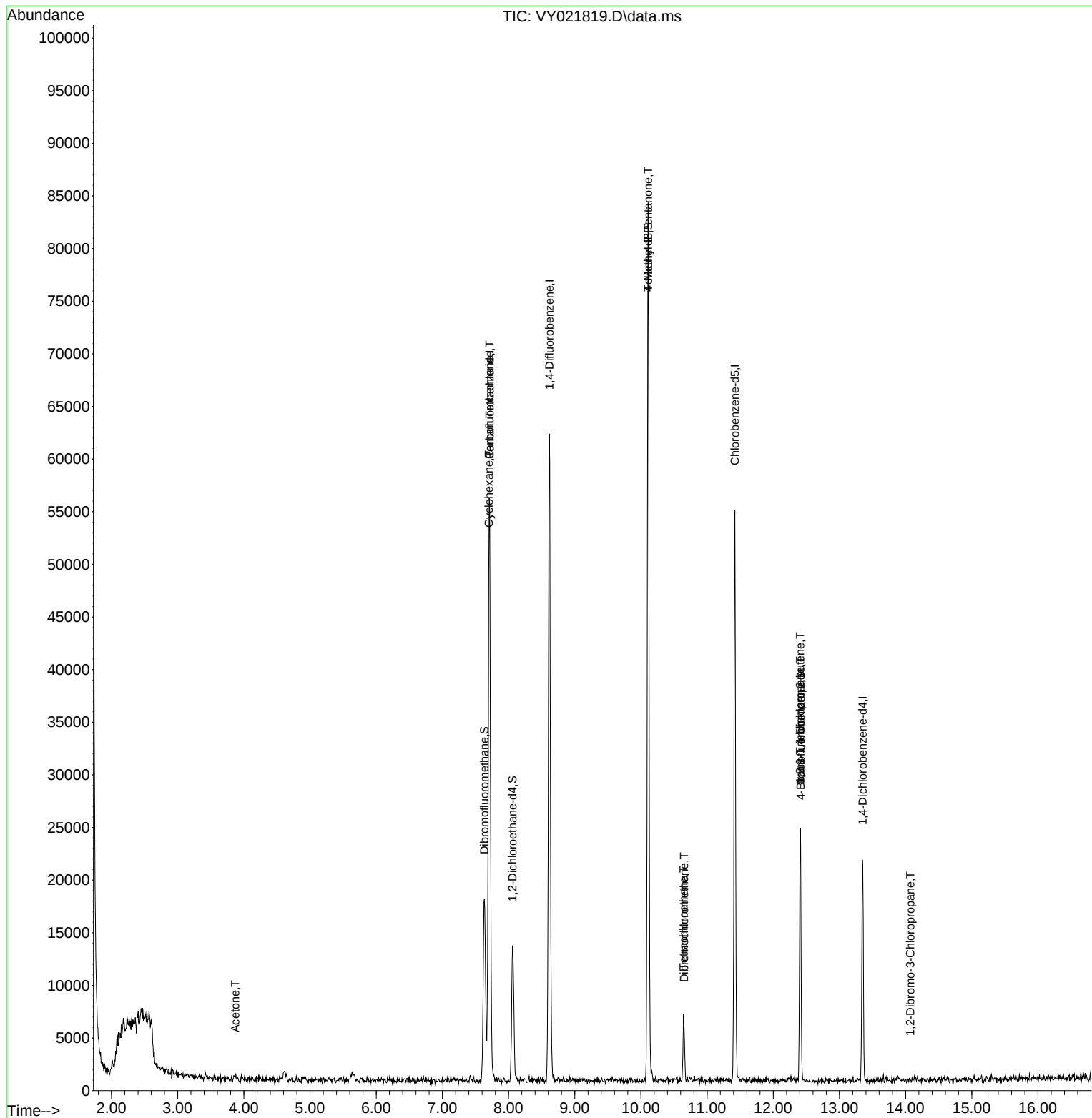
Internal Standards						
1) Pentafluorobenzene	7.713	168	41096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	51269	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	27681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	5288	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	10158	22.813	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	45.620%#
35) Dibromofluoromethane	7.634	113	12996	39.077	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	78.160%
50) Toluene-d8	10.109	98	53565	42.337	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.680%
62) 4-Bromofluorobenzene	12.413	95	7347	17.168	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	34.340%
Target Compounds						
					Qvalue	
16) Acetone	3.872	43	185	2.030	ug/l #	44
20) Methylene Chloride	4.616	84	704	Below Cal	#	68
31) Cyclohexane	7.701	56	1180	1.502	ug/l #	57
38) Carbon Tetrachloride	7.713	117	4209	7.255	ug/l #	16
51) 4-Methyl-2-Pentanone	10.109	43	294	1.247	ug/l #	1
60) Dibromochloromethane	10.651	129	1239	3.407	ug/l #	11
64) Tetrachloroethene	10.645	164	1327	5.264	ug/l #	75
76) 1,2,3-Trichloropropane	12.407	75	3644	69.519	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	3644	160.182	ug/l #	11
92) 1,2-Dibromo-3-Chloropr...	14.072	75	24	2.193	ug/l #	1

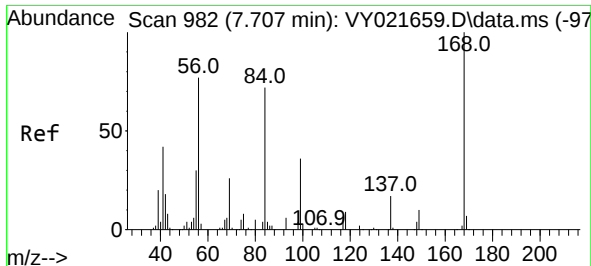
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040925\
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Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-1

Quant Time: Apr 10 01:43:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

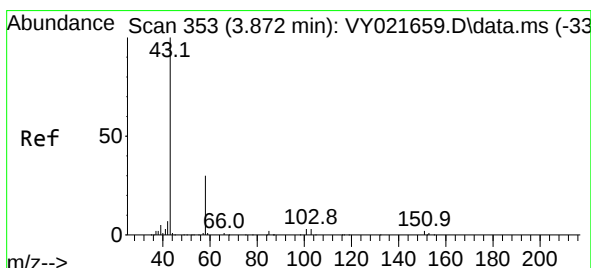
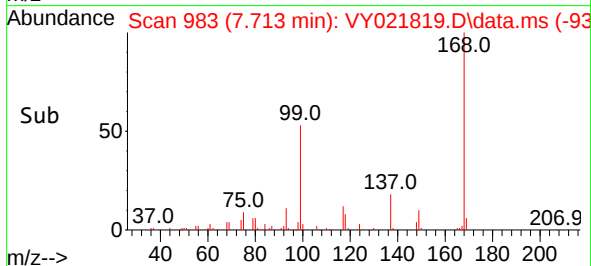
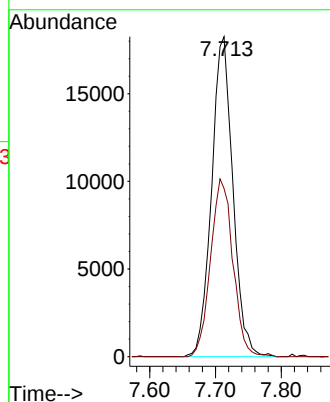
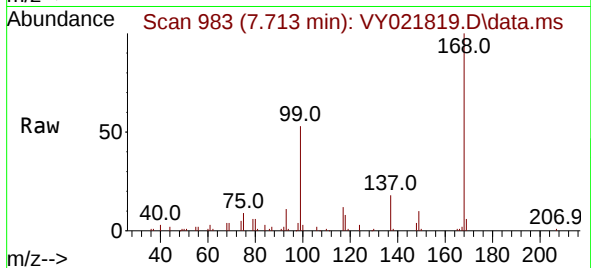




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021819.D
Acq: 09 Apr 2025 15:14

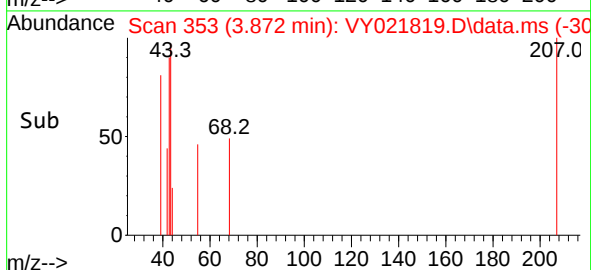
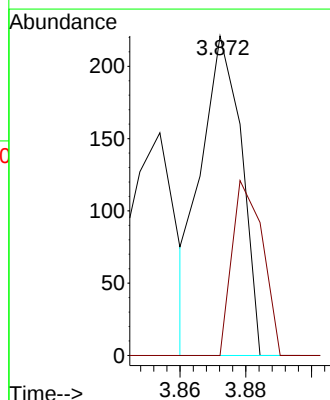
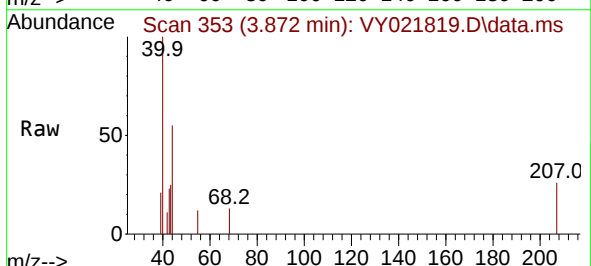
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

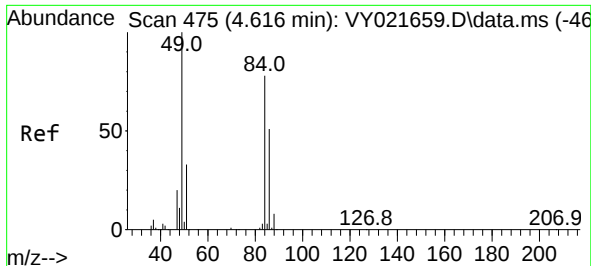
Tgt Ion:168 Resp: 41096
Ion Ratio Lower Upper
168 100
99 52.6 46.7 70.1



#16
Acetone
Concen: 2.030 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.000 min
Lab File: VY021819.D
Acq: 09 Apr 2025 15:14

Tgt Ion: 43 Resp: 185
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#

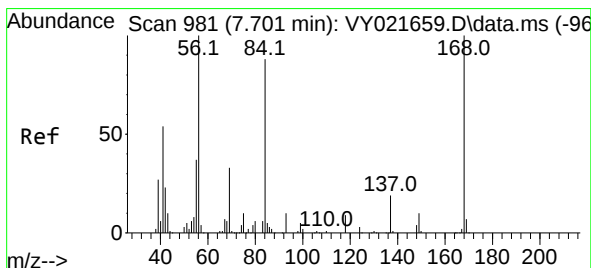
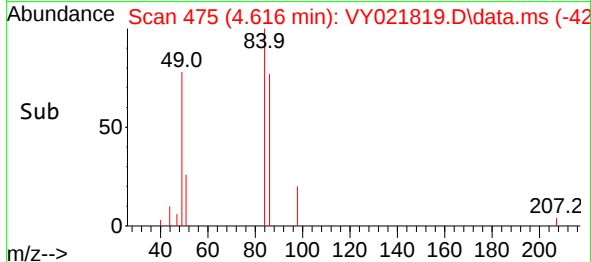
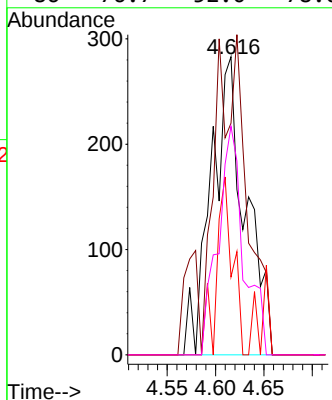
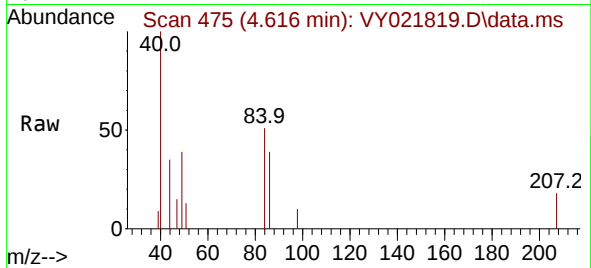




#20
Methylene Chloride
Concen: Below Cal
RT: 4.616 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY021819.D
Acq: 09 Apr 2025 15:14

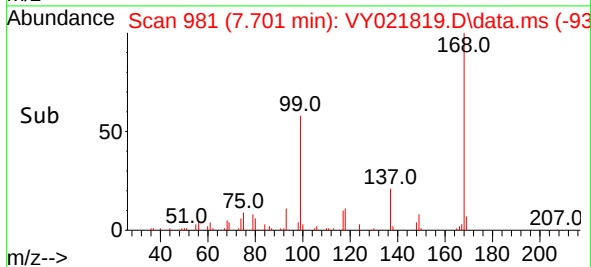
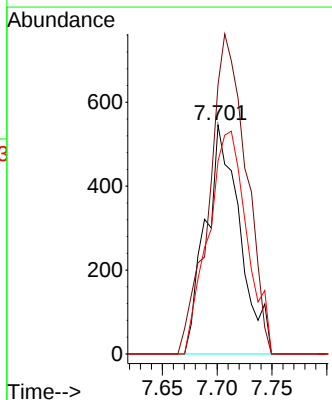
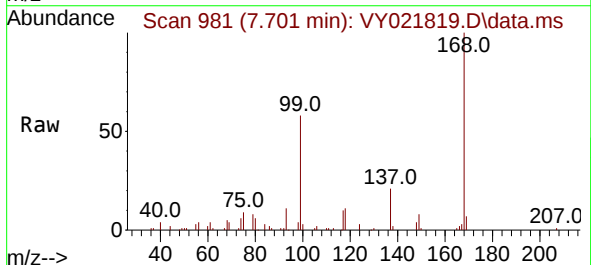
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

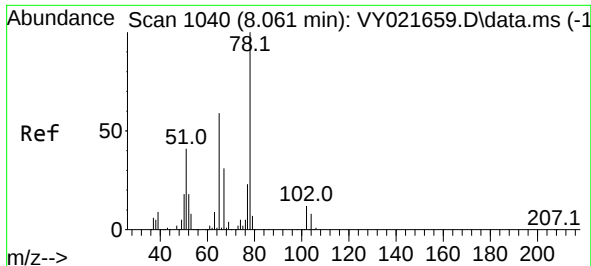
Tgt Ion:	84	Resp:	704
Ion	Ratio	Lower	Upper
84	100		
49	77.7	102.8	154.2#
51	26.1	33.5	50.3#
86	76.7	52.0	78.0



#31
Cyclohexane
Concen: 1.502 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY021819.D
Acq: 09 Apr 2025 15:14

Tgt Ion:	56	Resp:	1180
Ion	Ratio	Lower	Upper
56	100		
69	117.6	26.6	40.0#
84	84.2	69.0	103.4





#33

1,2-Dichloroethane-d4

Concen: 22.813 ug/l

RT: 8.060 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY021819.D

Acq: 09 Apr 2025 15:14

Instrument :

MSVOA_Y

ClientSampleId :

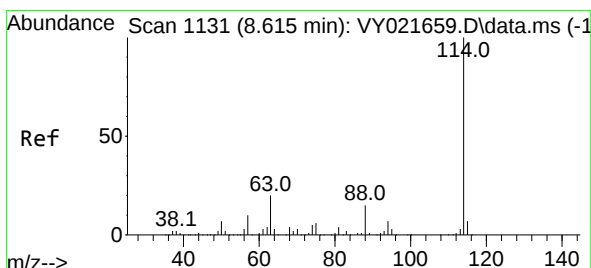
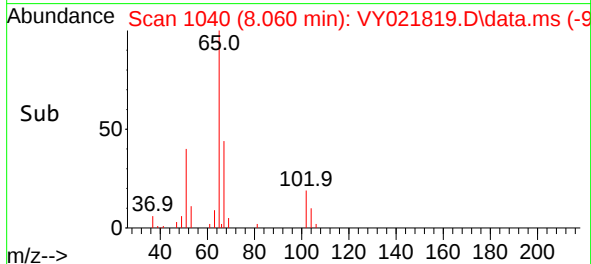
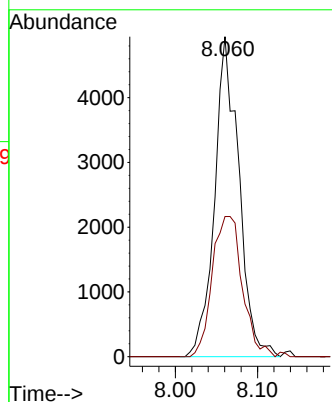
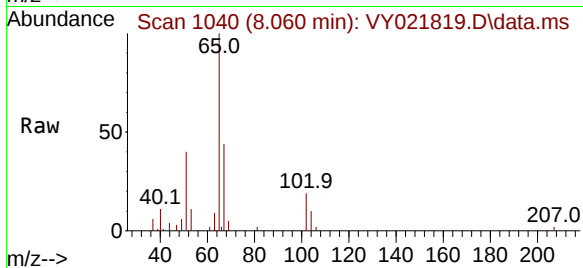
TP-1

Tgt Ion: 65 Resp: 10158

Ion Ratio Lower Upper

65 100

67 54.1 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY021819.D

Acq: 09 Apr 2025 15:14

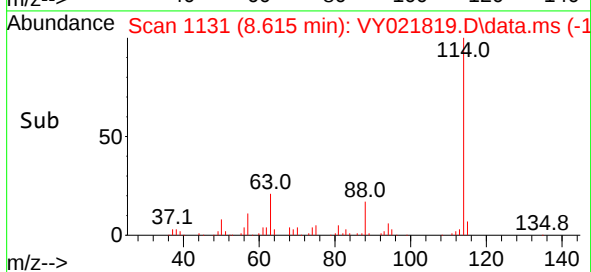
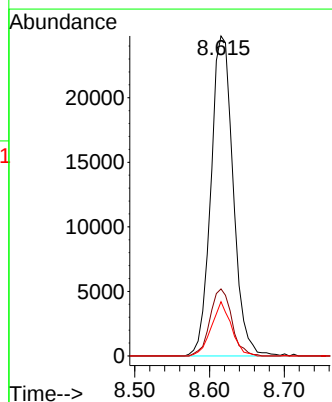
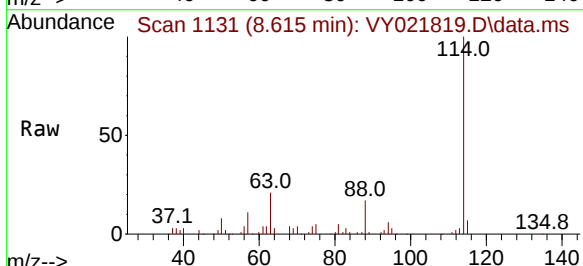
Tgt Ion: 114 Resp: 51269

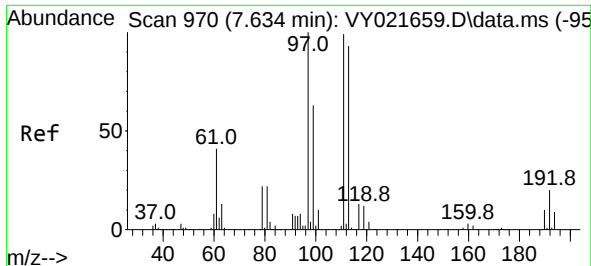
Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.2

88 17.0 0.0 29.8

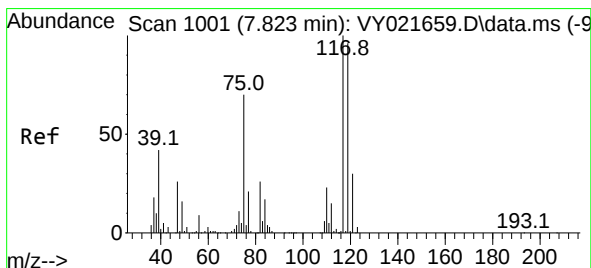
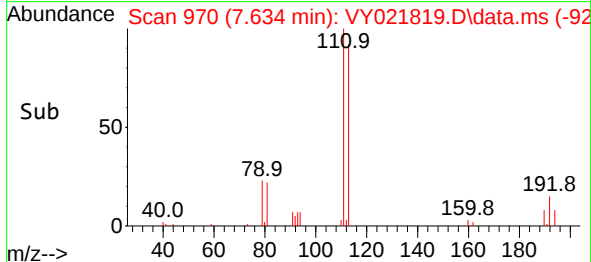
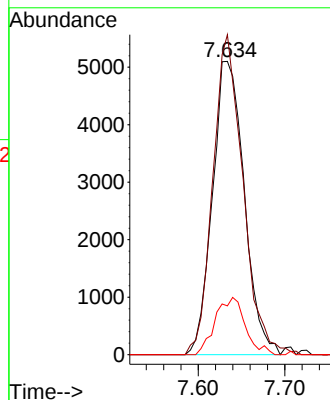
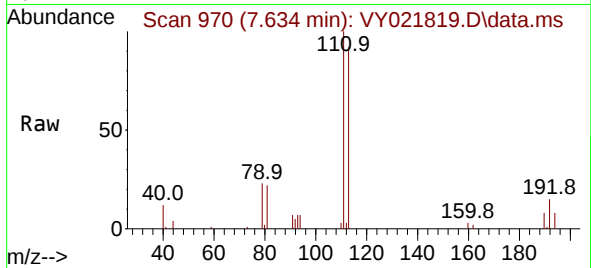




#35
Dibromofluoromethane
Concen: 39.077 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021819.D
Acq: 09 Apr 2025 15:14

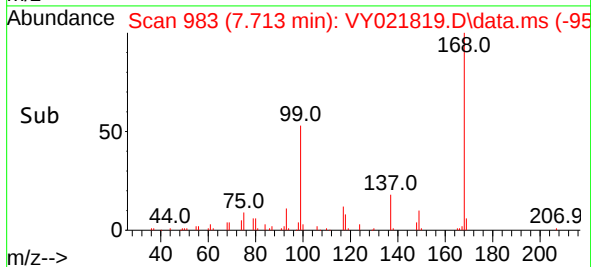
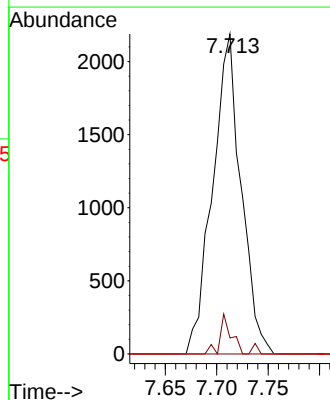
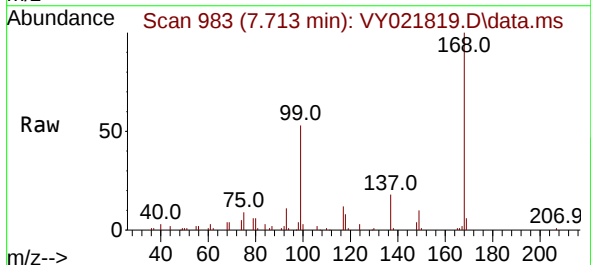
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

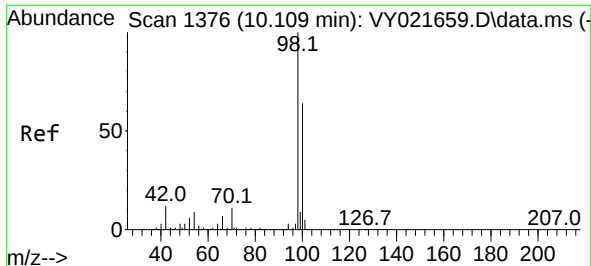
Tgt Ion:	113	Resp:	12996
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.6	123.8
192	18.4	16.2	24.4



#38
Carbon Tetrachloride
Concen: 7.255 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.110 min
Lab File: VY021819.D
Acq: 09 Apr 2025 15:14

Tgt Ion:	117	Resp:	4209
Ion	Ratio	Lower	Upper
117	100		
119	5.0	76.2	114.4#
121	0.0	24.2	36.4#

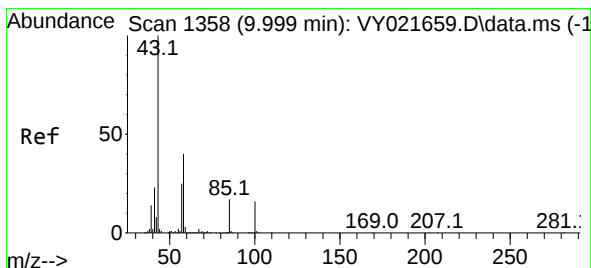
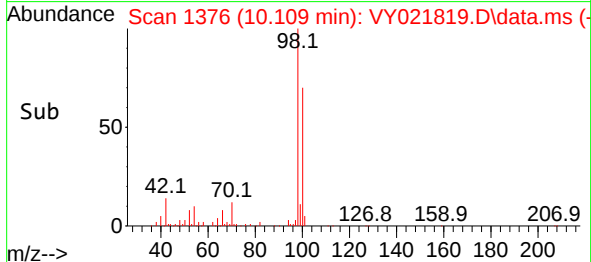
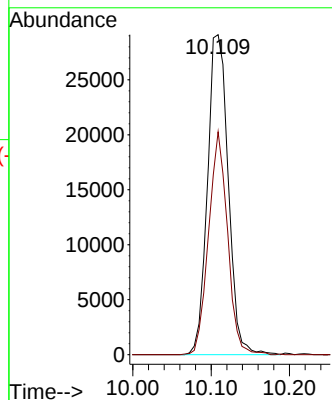
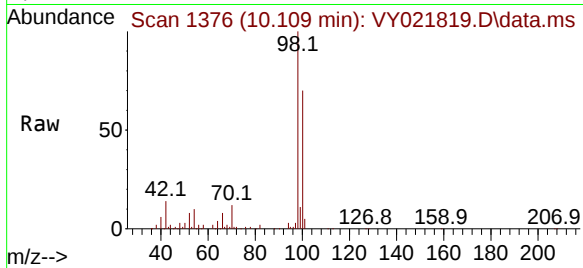




#50
Toluene-d8
Concen: 42.337 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021819.D
Acq: 09 Apr 2025 15:14

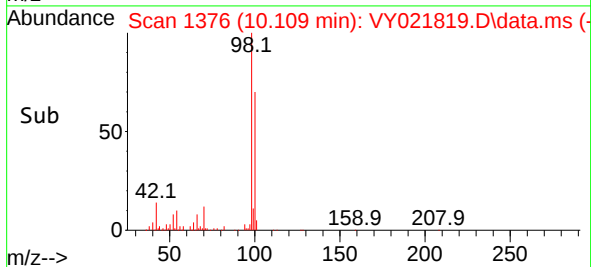
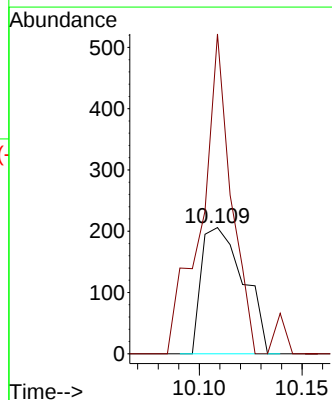
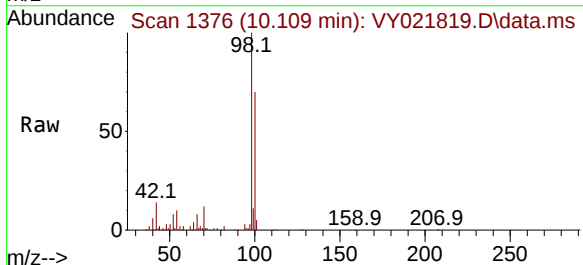
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

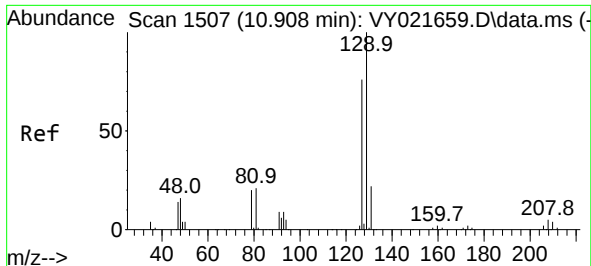
Tgt Ion: 98 Resp: 53565
Ion Ratio Lower Upper
98 100
100 63.6 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 1.247 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.109 min
Lab File: VY021819.D
Acq: 09 Apr 2025 15:14

Tgt Ion: 43 Resp: 294
Ion Ratio Lower Upper
43 100
58 178.2 31.5 47.3#

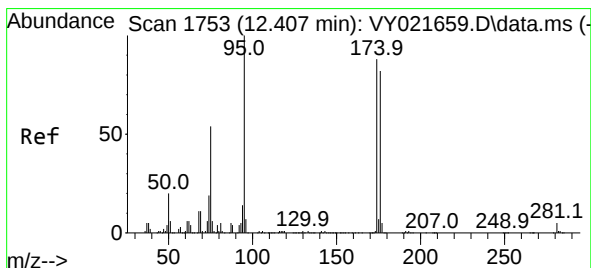
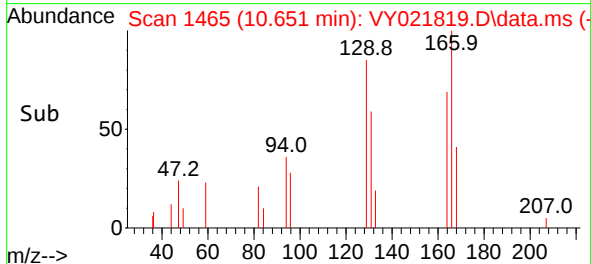
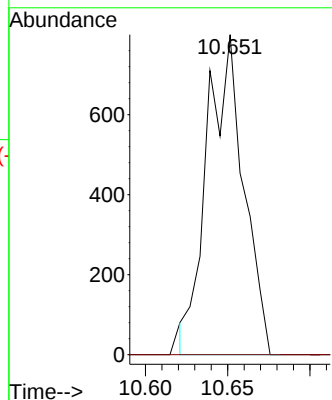
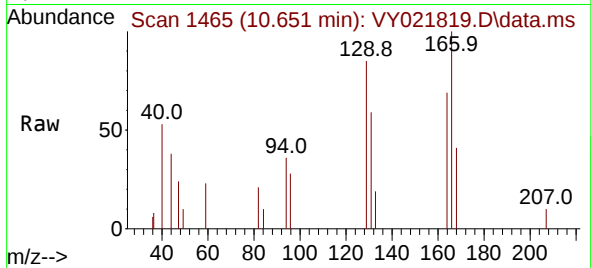




#60
Dibromochloromethane
Concen: 3.407 ug/l
RT: 10.651 min Scan# 14
Delta R.T. -0.256 min
Lab File: VY021819.D
Acq: 09 Apr 2025 15:14

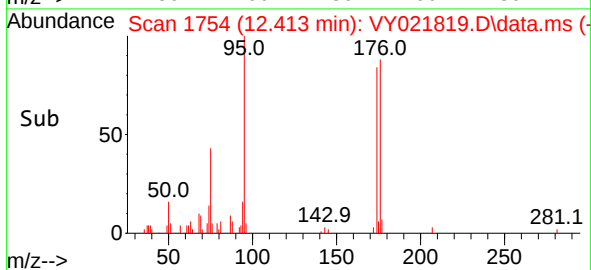
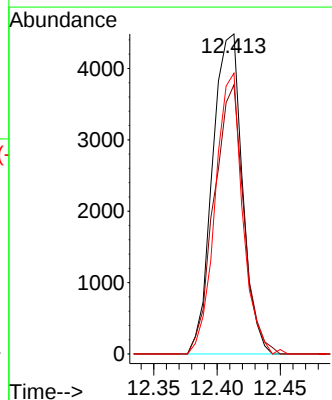
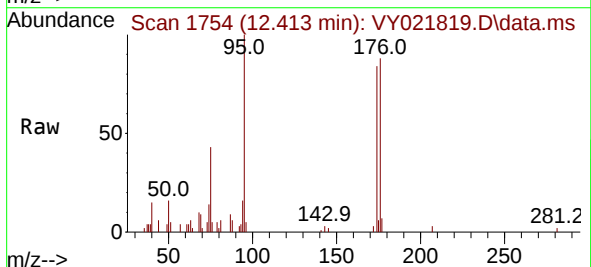
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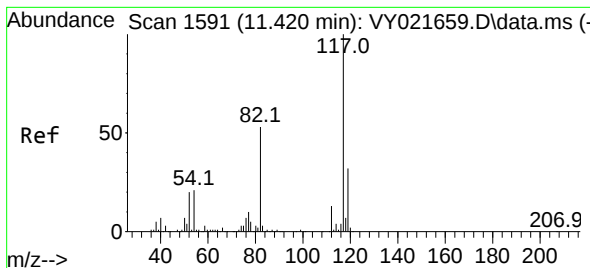
Tgt Ion:129 Resp: 1239
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.7#



#62
4-Bromofluorobenzene
Concen: 17.168 ug/l
RT: 12.413 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY021819.D
Acq: 09 Apr 2025 15:14

Tgt Ion: 95 Resp: 7347
Ion Ratio Lower Upper
95 100
174 83.5 0.0 170.8
176 80.5 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021819.D

Acq: 09 Apr 2025 15:14

Instrument :

MSVOA_Y

ClientSampleId :

TP-1

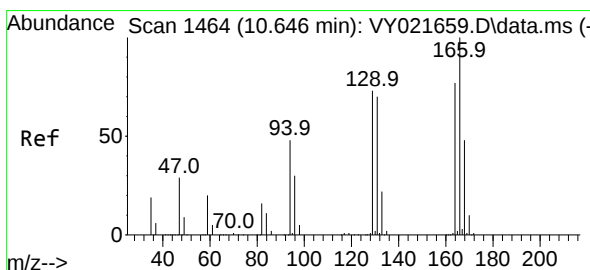
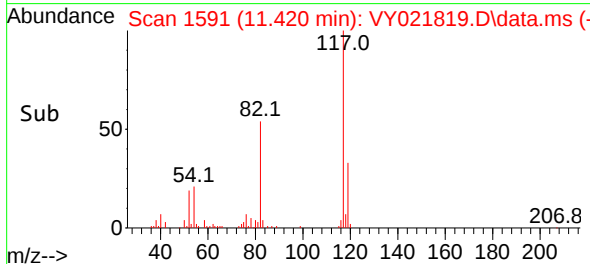
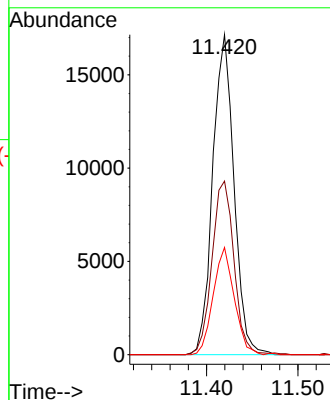
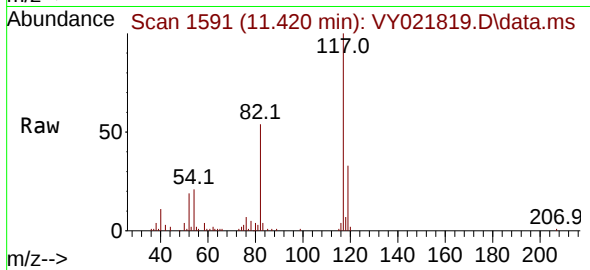
Tgt Ion:117 Resp: 27681

Ion Ratio Lower Upper

117 100

82 54.3 42.8 64.2

119 33.5 25.7 38.5



#64

Tetrachloroethene

Concen: 5.264 ug/l

RT: 10.645 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY021819.D

Acq: 09 Apr 2025 15:14

Tgt Ion:164 Resp: 1327

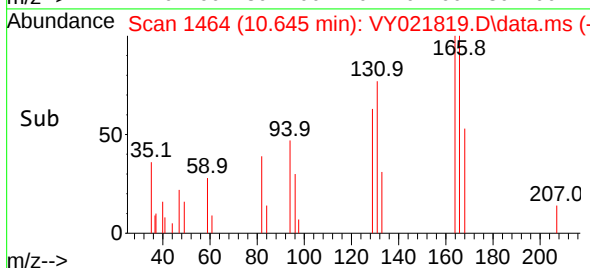
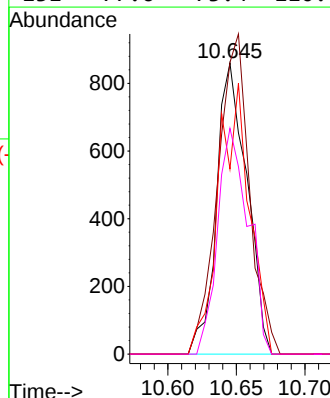
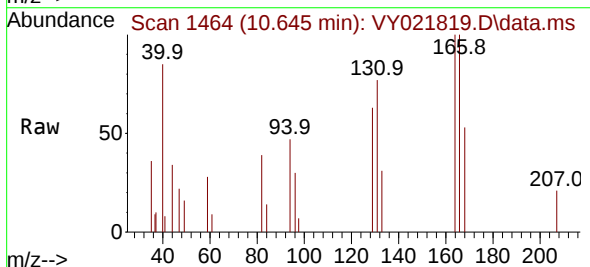
Ion Ratio Lower Upper

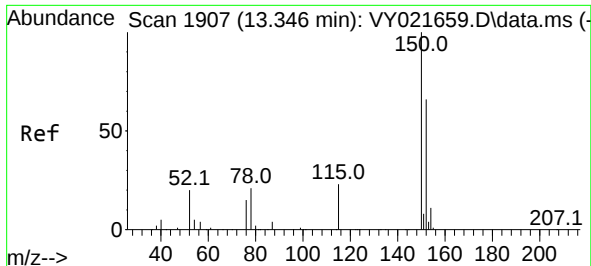
164 100

166 100.2 104.6 156.8#

129 63.6 76.6 114.8#

131 77.6 73.4 110.0

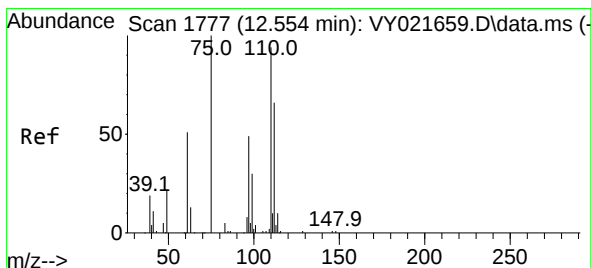
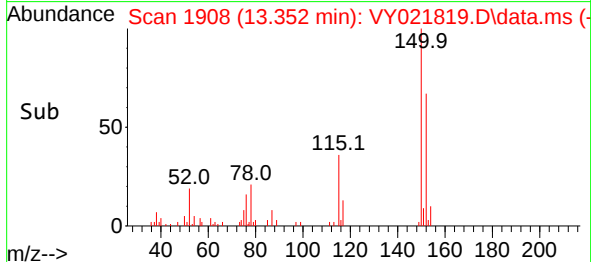
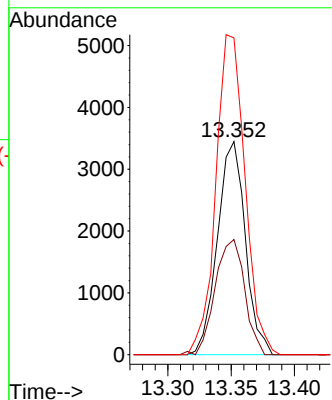
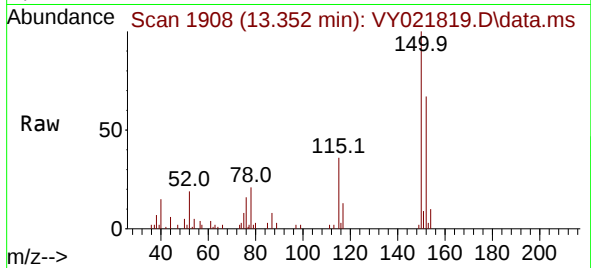




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.352 min Scan# 1907
 Delta R.T. 0.006 min
 Lab File: VY021819.D
 Acq: 09 Apr 2025 15:14

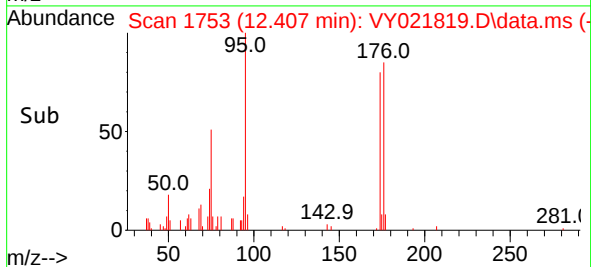
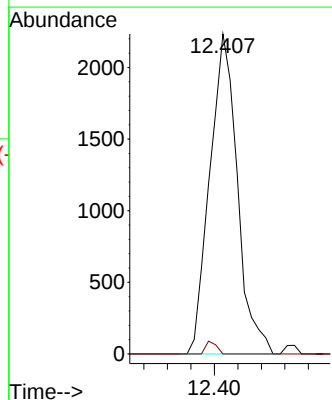
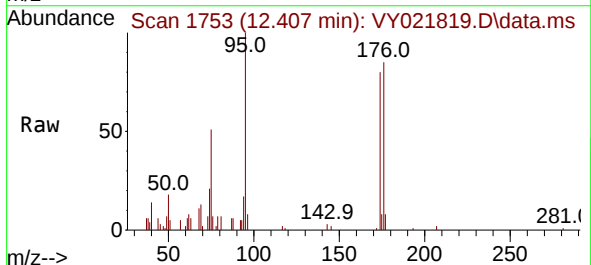
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

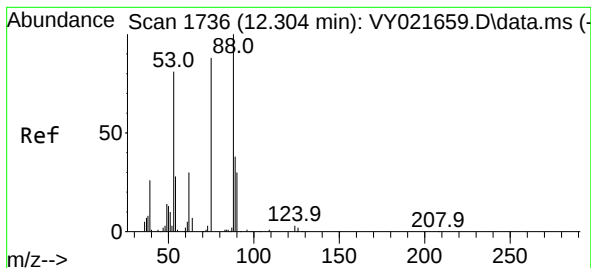
Tgt Ion:152 Resp: 5288
 Ion Ratio Lower Upper
 152 100
 115 56.9 28.8 86.5
 150 156.8 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 69.519 ug/l
 RT: 12.407 min Scan# 1753
 Delta R.T. -0.147 min
 Lab File: VY021819.D
 Acq: 09 Apr 2025 15:14

Tgt Ion: 75 Resp: 3644
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#

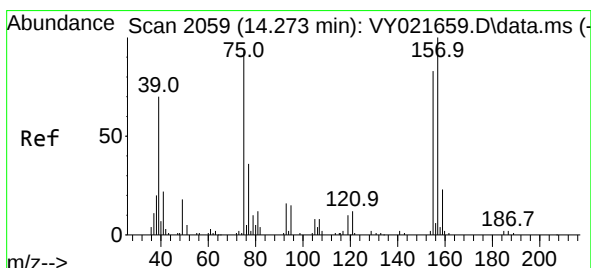
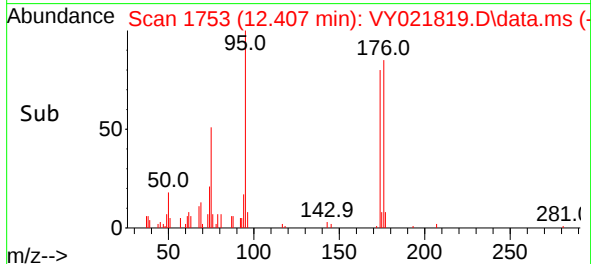
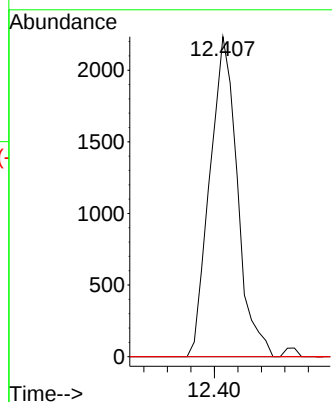
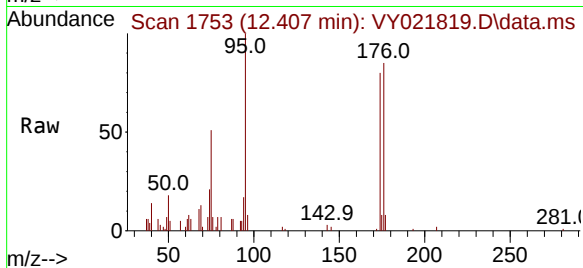




#81
 trans-1,4-Dichloro-2-butene
 Concen: 160.182 ug/l
 RT: 12.407 min Scan# 1
 Delta R.T. 0.103 min
 Lab File: VY021819.D
 Acq: 09 Apr 2025 15:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Tgt Ion: 75 Resp: 3644
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.1 114.1#
 89 0.0 36.2 54.4#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.193 ug/l
 RT: 14.072 min Scan# 2026
 Delta R.T. -0.201 min
 Lab File: VY021819.D
 Acq: 09 Apr 2025 15:14

Tgt Ion: 75 Resp: 24
 Ion Ratio Lower Upper
 75 100
 155 0.0 43.0 128.8#
 157 0.0 54.0 162.0#

