

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052925\
 Data File : VY022468.D
 Acq On : 29 May 2025 15:33
 Operator : SY/MD
 Sample : Q2150-09
 Misc : 7.85g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-54

Quant Time: May 30 05:36:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 28 10:34:06 2025
 Response via : Initial Calibration

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

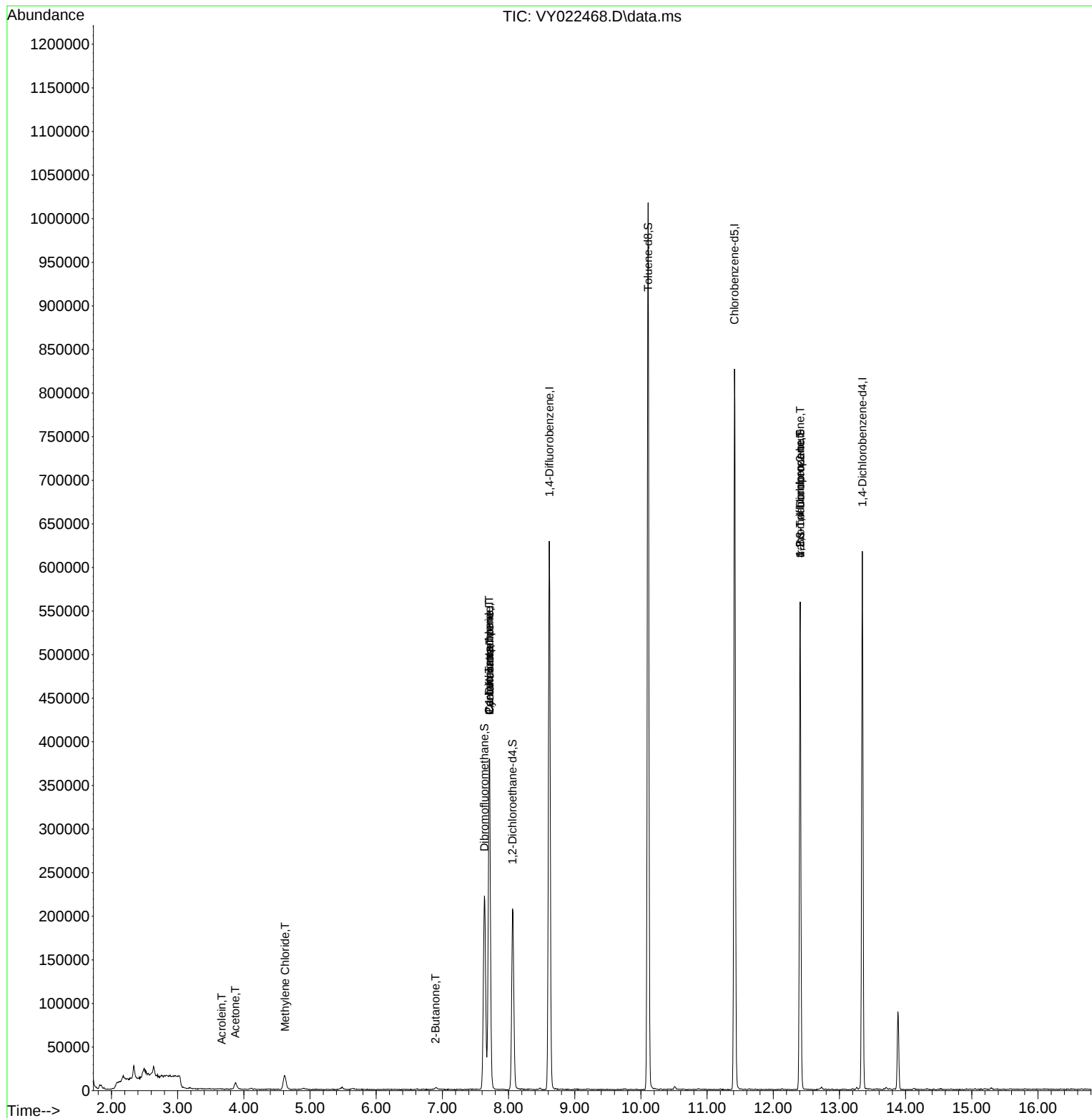
Internal Standards						
1) Pentafluorobenzene	7.713	168	283443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	517546	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	406523	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	140553	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	156979	52.580	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.160%
35) Dibromofluoromethane	7.634	113	153619	50.684	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.360%
50) Toluene-d8	10.109	98	623100	50.430	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.860%
62) 4-Bromofluorobenzene	12.408	95	148270	39.672	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.340%
Target Compounds						
					Qvalue	
13) Acrolein	3.665	56	764	2.423	ug/l #	49
16) Acetone	3.873	43	14067	28.673	ug/l	93
20) Methylene Chloride	4.623	84	11504	3.321	ug/l	97
25) 2-Butanone	6.897	43	3275	4.008	ug/l	99
31) Cyclohexane	7.713	56	8278	1.441	ug/l #	36
36) 1,1-Dichloropropene	7.707	75	25055	5.209	ug/l #	49
38) Carbon Tetrachloride	7.707	117	29330	5.854	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	87455	62.119	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	87455	140.479	ug/l #	12

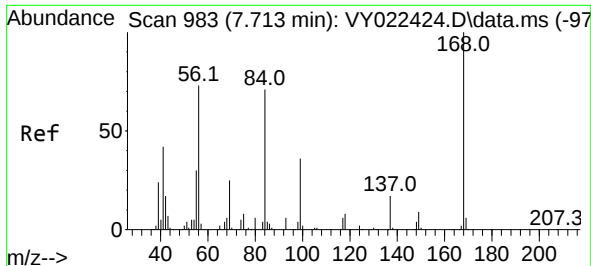
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052925\
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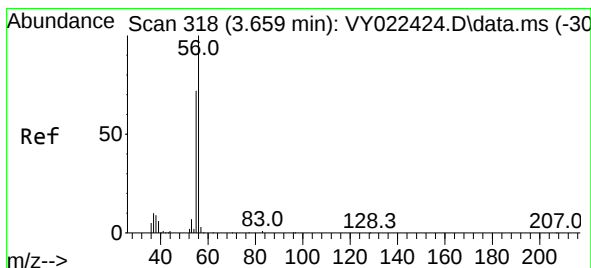
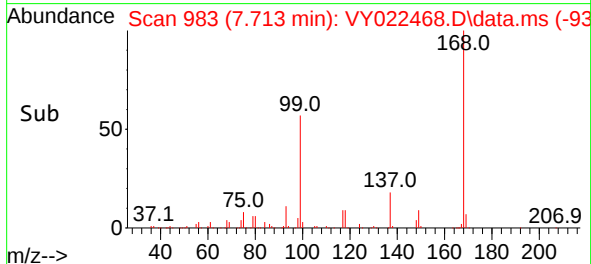
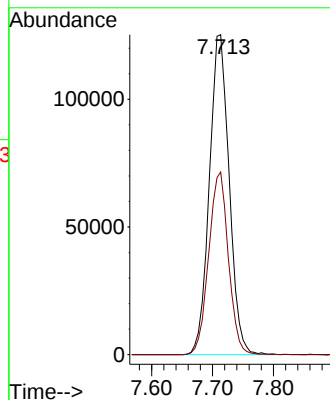
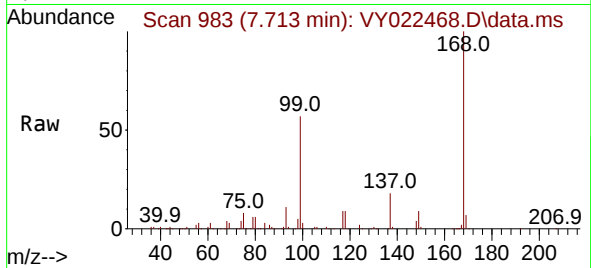




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022468.D
Acq: 29 May 2025 15:33

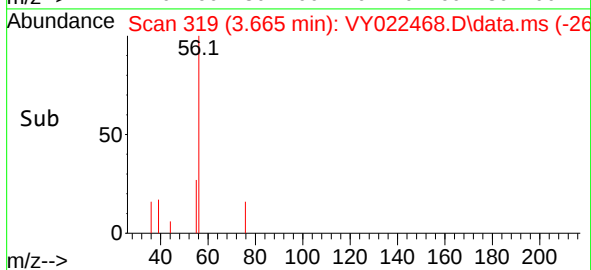
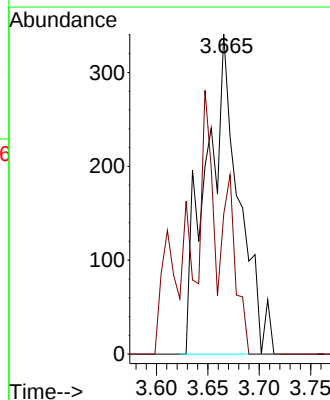
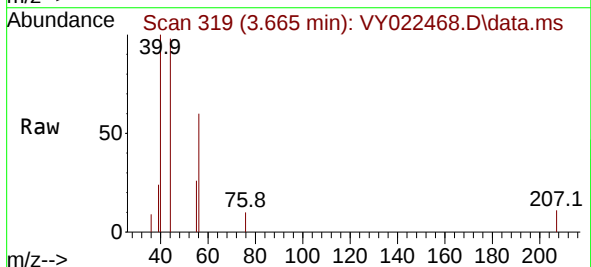
Instrument :
MSVOA_Y
ClientSampleId :
TP-54

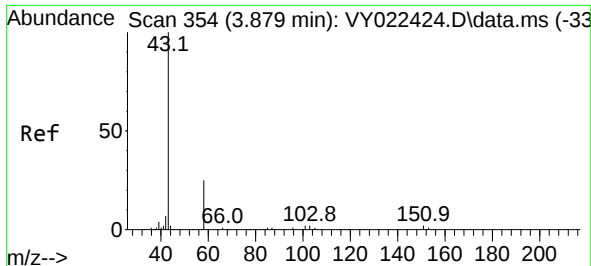
Tgt Ion:168 Resp: 283443
Ion Ratio Lower Upper
168 100
99 57.1 44.7 67.1



#13
Acrolein
Concen: 2.423 ug/l
RT: 3.665 min Scan# 319
Delta R.T. 0.006 min
Lab File: VY022468.D
Acq: 29 May 2025 15:33

Tgt Ion: 56 Resp: 764
Ion Ratio Lower Upper
56 100
55 28.5 56.5 84.7#

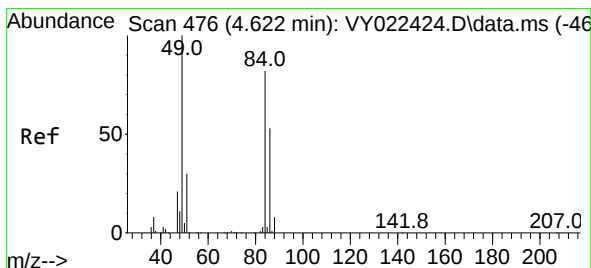
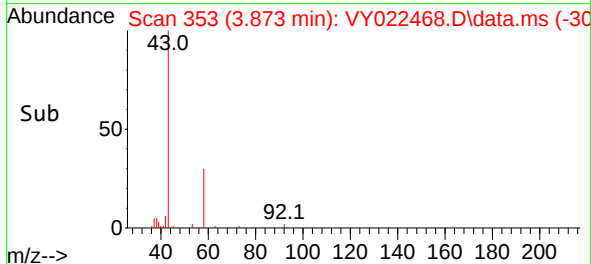
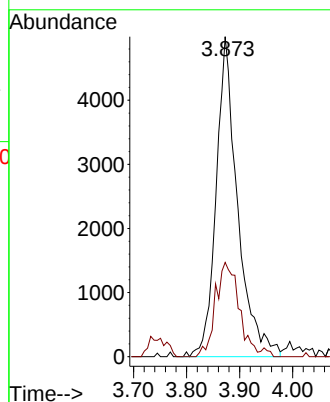
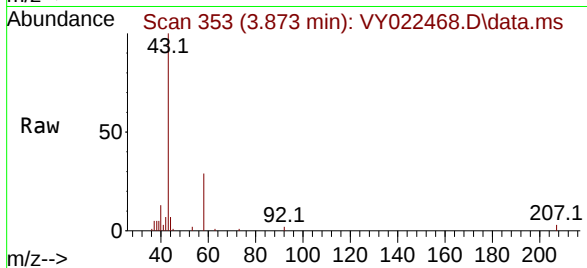




#16
Acetone
Concen: 28.673 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022468.D
Acq: 29 May 2025 15:33

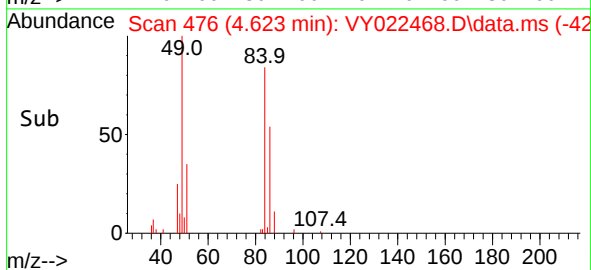
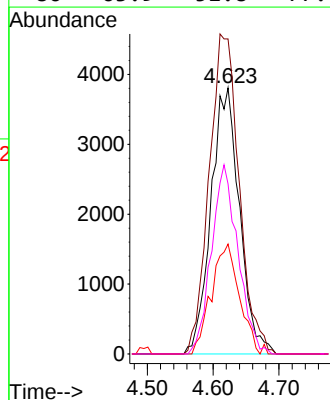
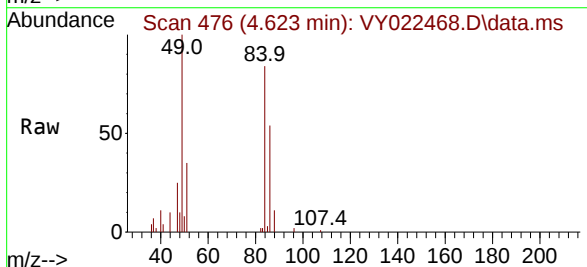
Instrument :
MSVOA_Y
ClientSampleId :
TP-54

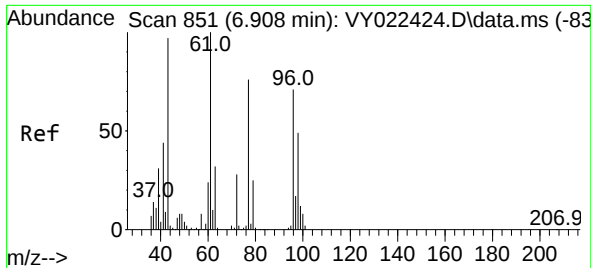
Tgt Ion: 43 Resp: 14067
Ion Ratio Lower Upper
43 100
58 29.4 20.6 30.8



#20
Methylene Chloride
Concen: 3.321 ug/l
RT: 4.623 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY022468.D
Acq: 29 May 2025 15:33

Tgt Ion: 84 Resp: 11504
Ion Ratio Lower Upper
84 100
49 118.4 97.8 146.8
51 41.3 29.5 44.3
86 63.9 51.8 77.6

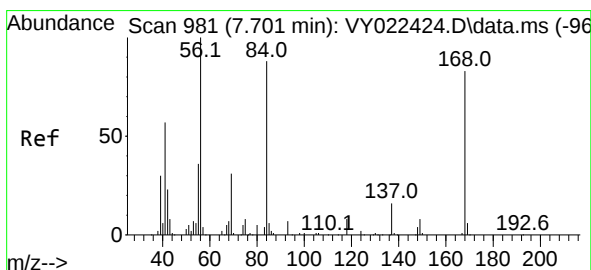
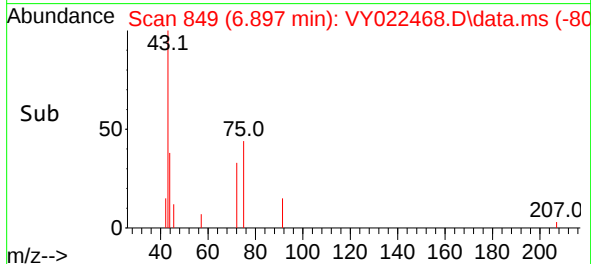
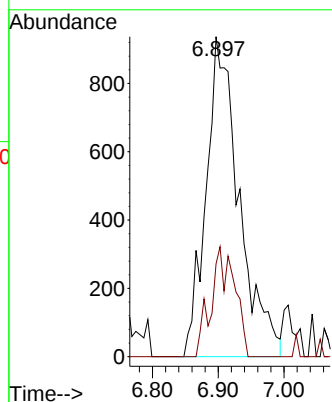
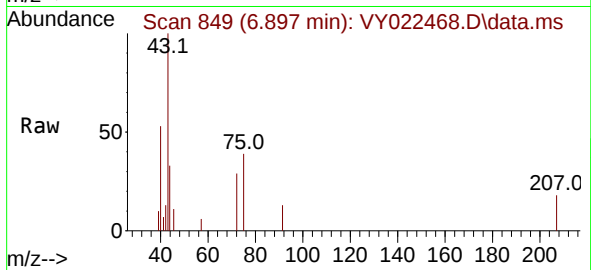




#25
2-Butanone
Concen: 4.008 ug/l
RT: 6.897 min Scan# 849
Delta R.T. -0.012 min
Lab File: VY022468.D
Acq: 29 May 2025 15:33

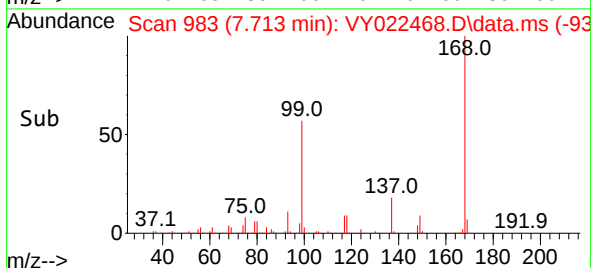
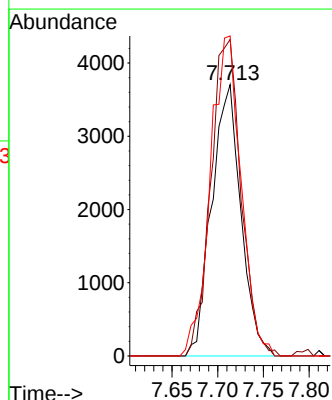
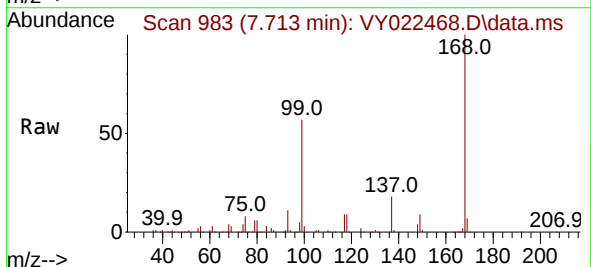
Instrument :
MSVOA_Y
ClientSampleId :
TP-54

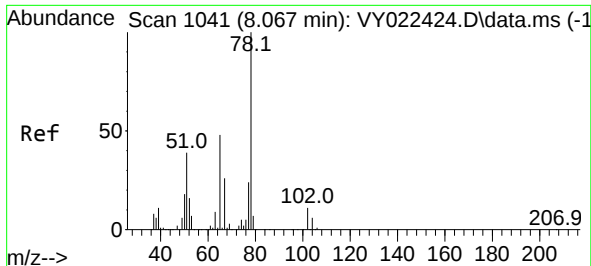
Tgt Ion: 43 Resp: 3275
Ion Ratio Lower Upper
43 100
72 29.0 22.8 34.2



#31
Cyclohexane
Concen: 1.441 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.012 min
Lab File: VY022468.D
Acq: 29 May 2025 15:33

Tgt Ion: 56 Resp: 8278
Ion Ratio Lower Upper
56 100
69 116.6 24.6 36.8#
84 117.9 70.4 105.6#





#33

1,2-Dichloroethane-d4

Concen: 52.580 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VY022468.D

Acq: 29 May 2025 15:33

Instrument :

MSVOA_Y

ClientSampleId :

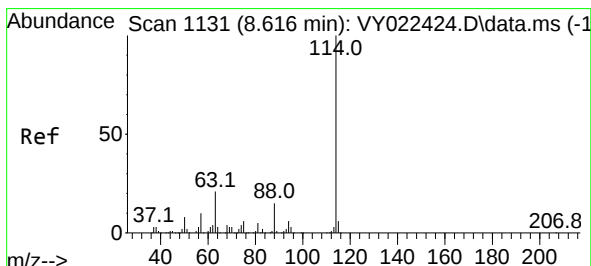
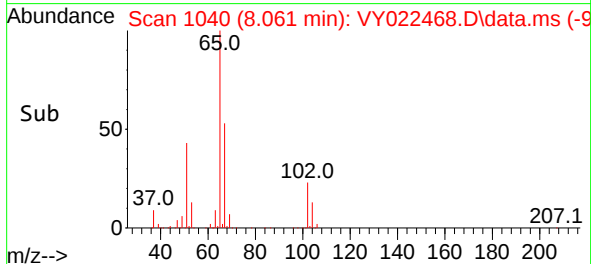
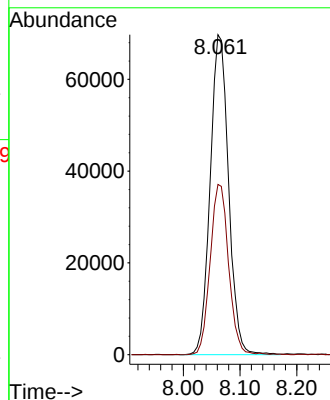
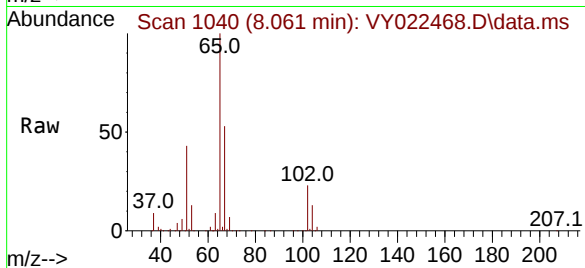
TP-54

Tgt Ion: 65 Resp: 156979

Ion Ratio Lower Upper

65 100

67 53.5 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022468.D

Acq: 29 May 2025 15:33

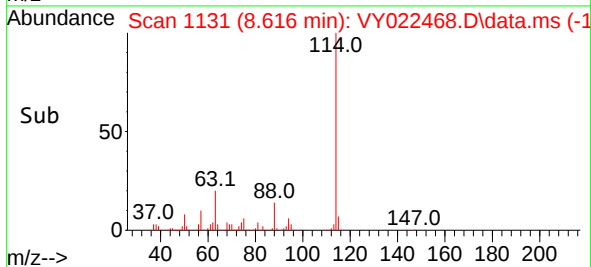
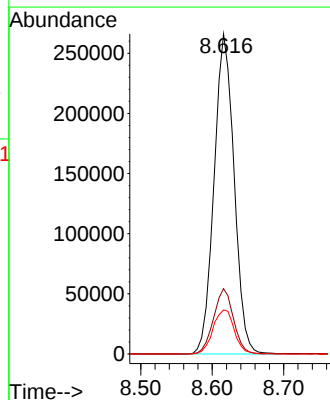
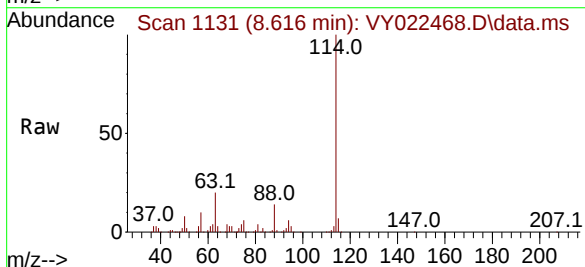
Tgt Ion: 114 Resp: 517546

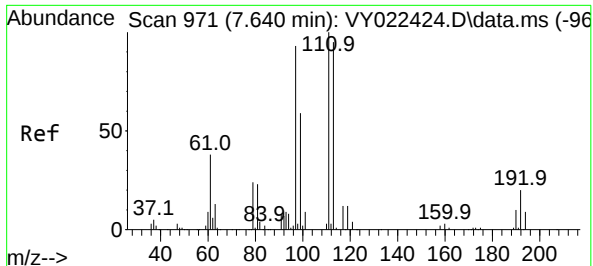
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.6

88 13.8 0.0 29.4



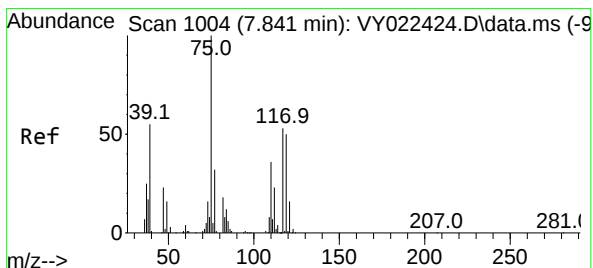
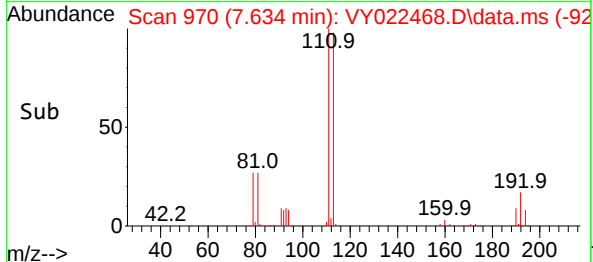
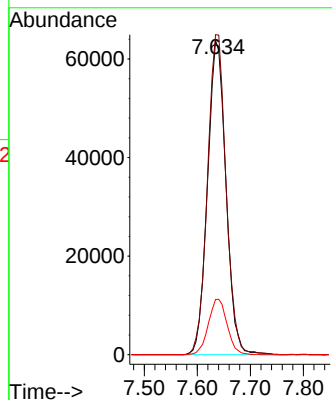
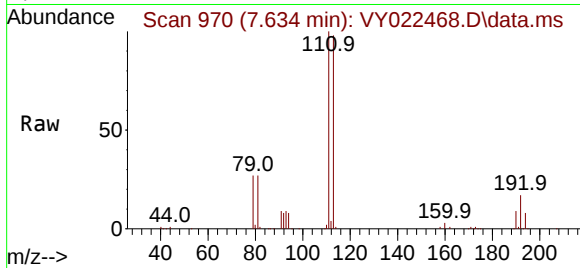


#35
 Dibromofluoromethane
 Concen: 50.684 ug/l
 RT: 7.634 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VY022468.D
 Acq: 29 May 2025 15:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-54

Tgt Ion:113 Resp: 153619

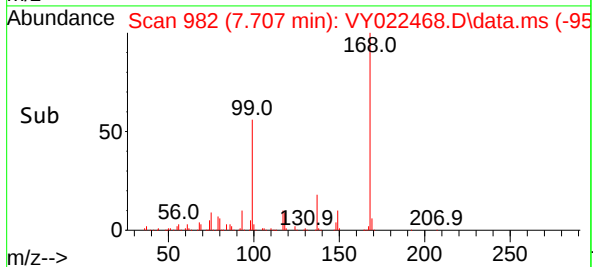
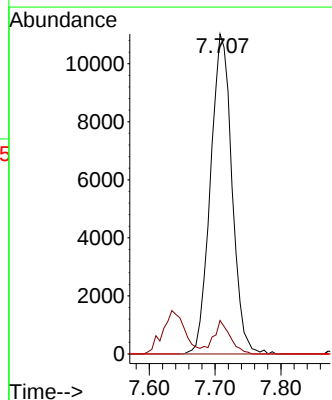
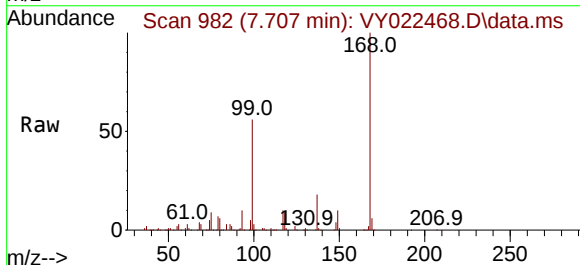
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.4	123.6
192	18.0	15.2	22.8

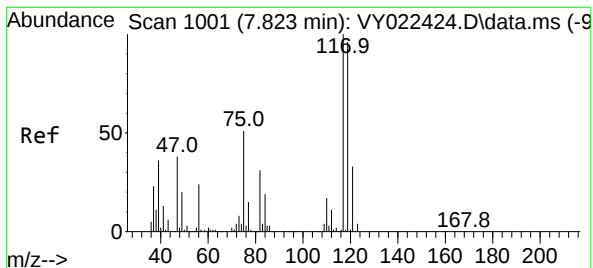


#36
 1,1-Dichloropropene
 Concen: 5.209 ug/l
 RT: 7.707 min Scan# 982
 Delta R.T. -0.134 min
 Lab File: VY022468.D
 Acq: 29 May 2025 15:33

Tgt Ion: 75 Resp: 25055

Ion	Ratio	Lower	Upper
75	100		
110	8.3	17.1	51.2#
77	0.0	25.1	37.7#





#38

Carbon Tetrachloride

Concen: 5.854 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.116 min

Lab File: VY022468.D

Acq: 29 May 2025 15:33

Instrument :

MSVOA_Y

ClientSampleId :

TP-54

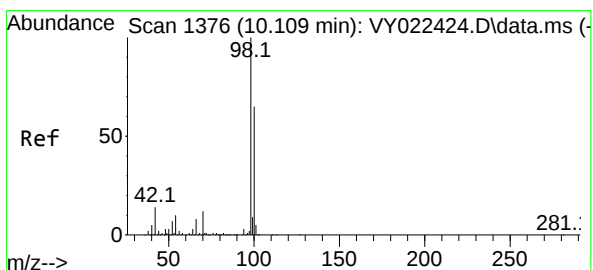
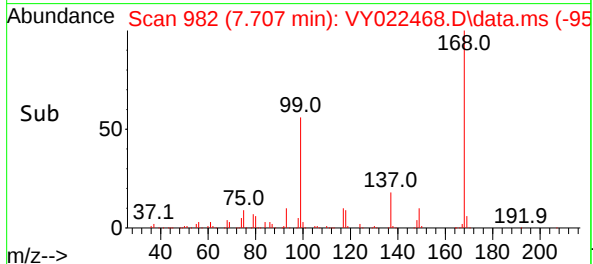
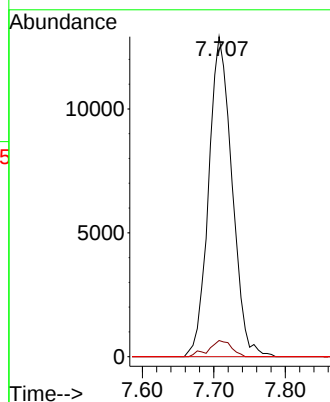
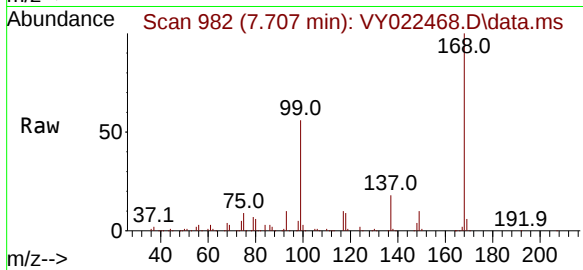
Tgt Ion:117 Resp: 29330

Ion Ratio Lower Upper

117 100

119 5.1 76.3 114.5#

121 0.0 26.1 39.1#



#50

Toluene-d8

Concen: 50.430 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY022468.D

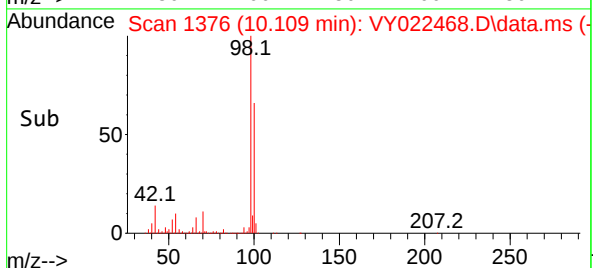
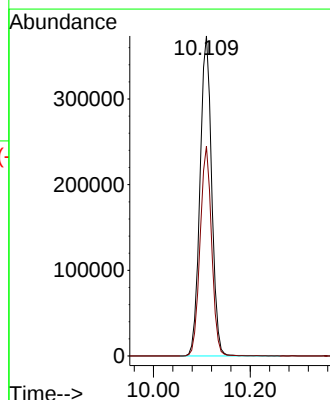
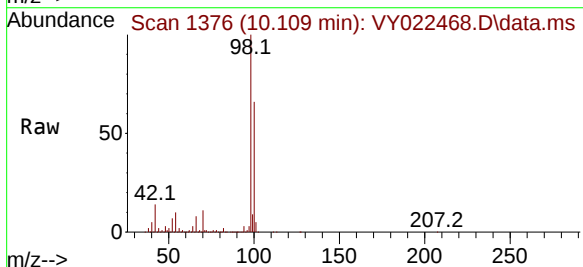
Acq: 29 May 2025 15:33

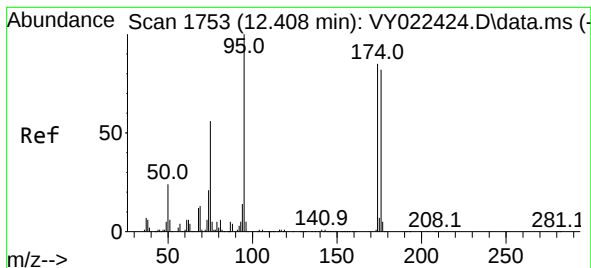
Tgt Ion: 98 Resp: 623100

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2

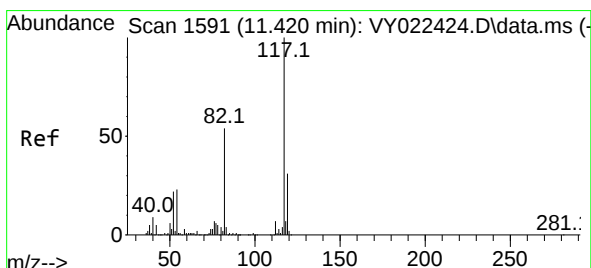
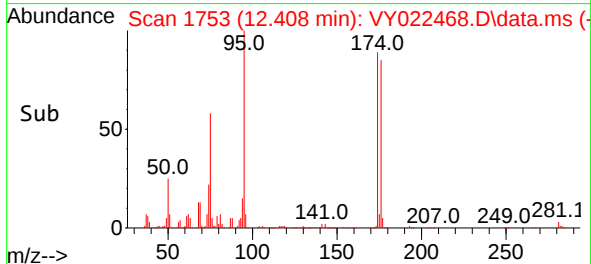
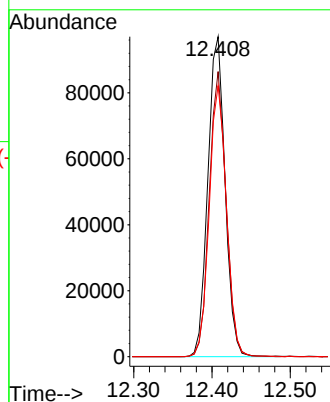
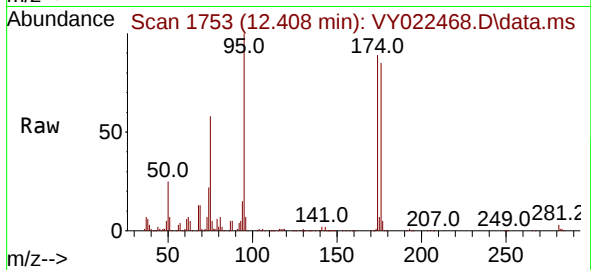




#62
4-Bromofluorobenzene
Concen: 39.672 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022468.D
Acq: 29 May 2025 15:33

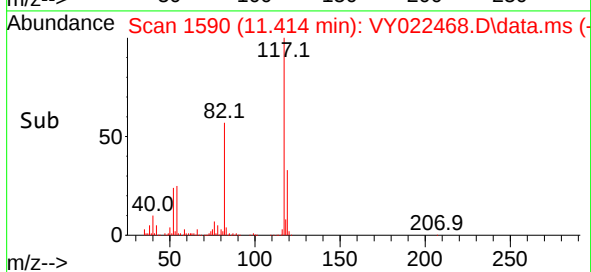
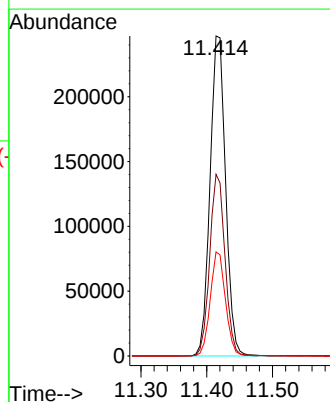
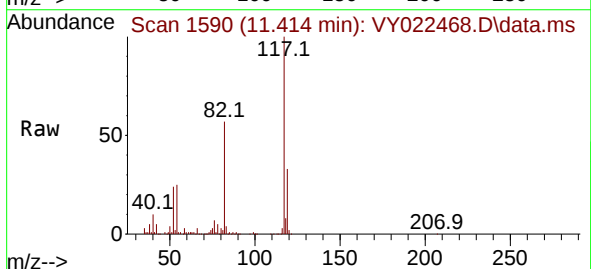
Instrument :
MSVOA_Y
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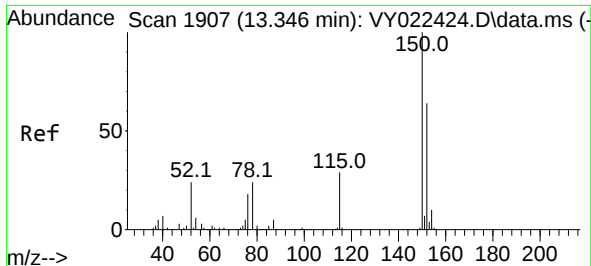
Tgt Ion: 95 Resp: 148270
Ion Ratio Lower Upper
95 100
174 86.9 0.0 171.6
176 84.8 0.0 164.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022468.D
Acq: 29 May 2025 15:33

Tgt Ion: 117 Resp: 406523
Ion Ratio Lower Upper
117 100
82 56.8 43.3 64.9
119 32.5 24.5 36.7

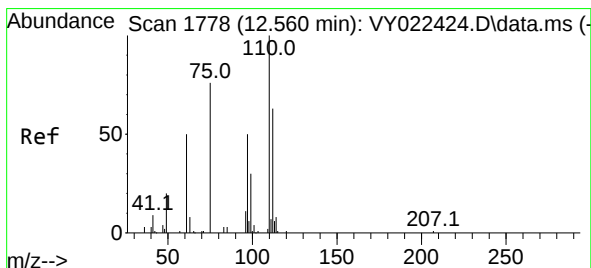
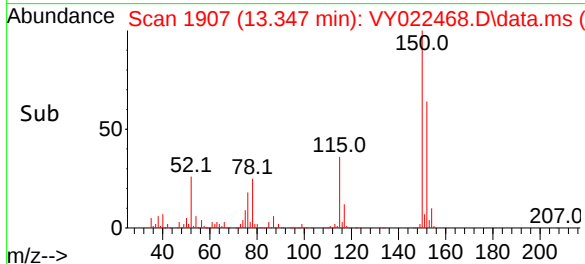
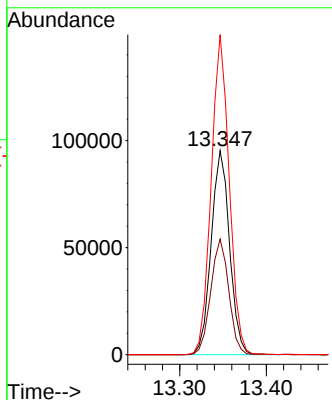
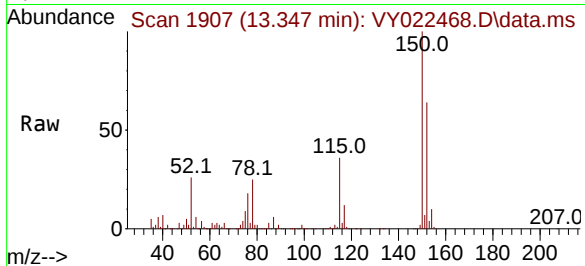




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY022468.D
 Acq: 29 May 2025 15:33

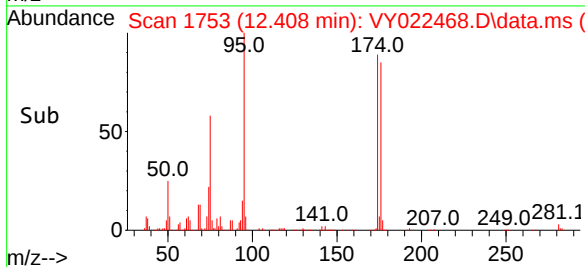
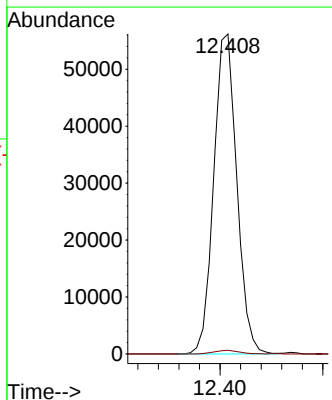
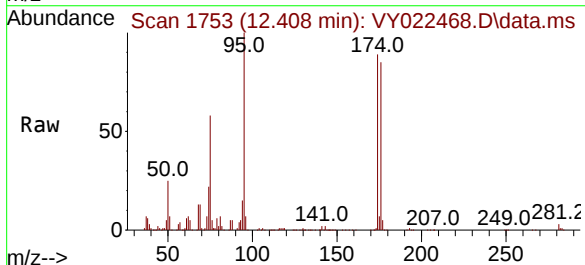
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-54

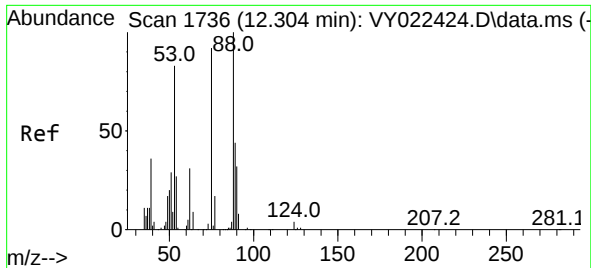
Tgt Ion:152 Resp: 140553
 Ion Ratio Lower Upper
 152 100
 115 55.7 28.4 85.3
 150 153.6 0.0 345.8



#76
 1,2,3-Trichloropropane
 Concen: 62.119 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.152 min
 Lab File: VY022468.D
 Acq: 29 May 2025 15:33

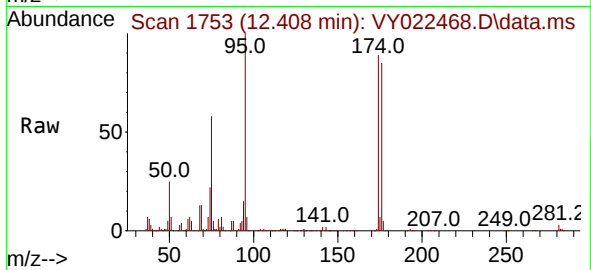
Tgt Ion: 75 Resp: 87455
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 140.479 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY022468.D
 Acq: 29 May 2025 15:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-54



Tgt Ion: 75 Resp: 87455
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.1 112.7#
 89 0.1 37.4 56.0#

