

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060525\
 Data File : VY022567.D
 Acq On : 05 Jun 2025 12:22
 Operator : SY/MD
 Sample : Q2195-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-01-060325RE

Quant Time: Jun 06 01:23:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 03:22:04 2025
 Response via : Initial Calibration

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

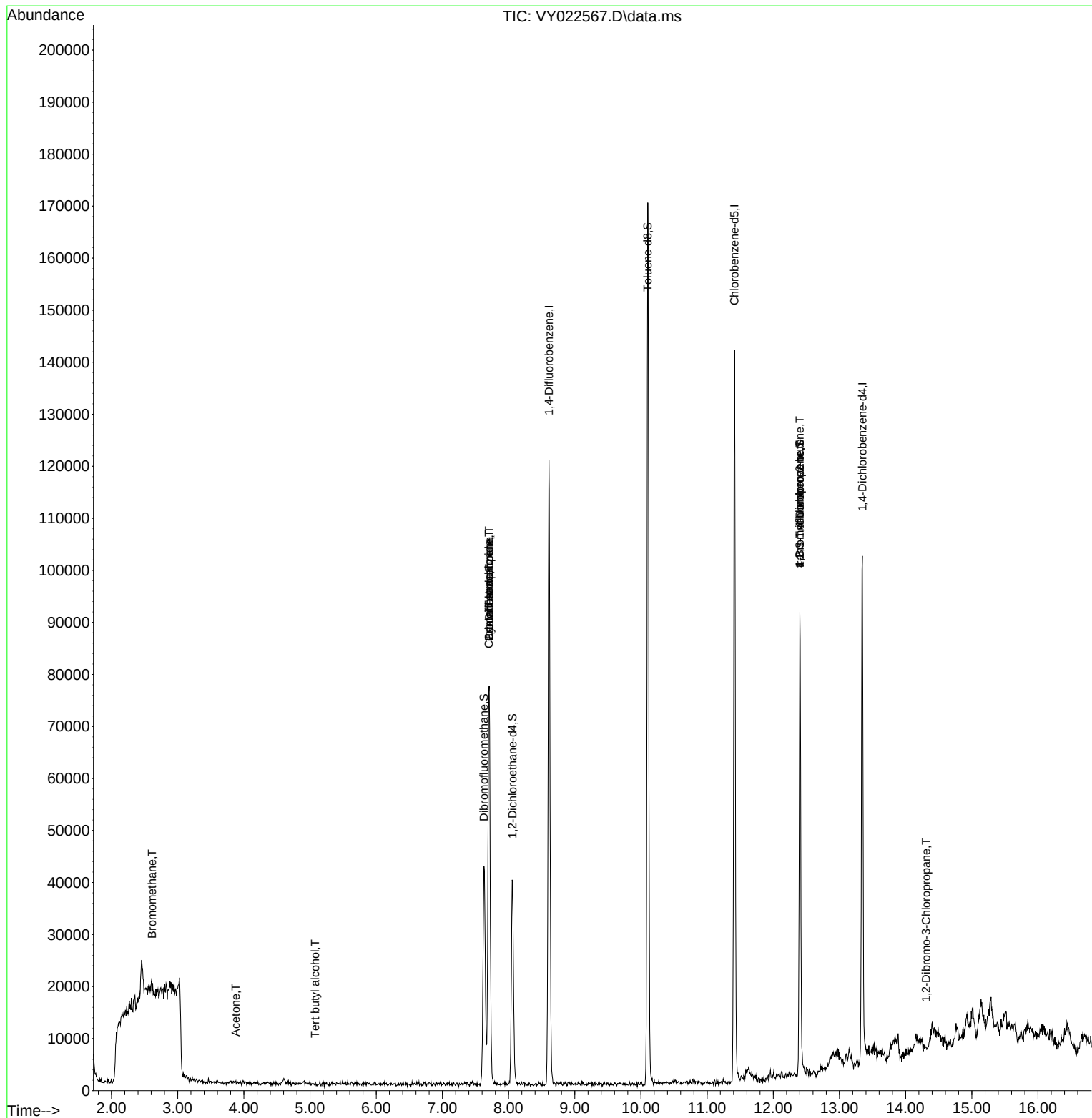
Internal Standards						
1) Pentafluorobenzene	7.707	168	57455	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	97249	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.413	117	68751	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	22019	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	30105	46.849	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.700%
35) Dibromofluoromethane	7.628	113	28937	49.852	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.700%
50) Toluene-d8	10.103	98	108939	46.447	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.900%
62) 4-Bromofluorobenzene	12.401	95	25244	36.124	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	72.240%
Target Compounds						
					Qvalue	
5) Bromomethane	2.610	94	1699	1.006	ug/l	99
11) Tert butyl alcohol	5.079	59	54	1.177	ug/l #	32
16) Acetone	3.878	43	274	2.100	ug/l #	45
31) Cyclohexane	7.707	56	1652	1.338	ug/l #	17
36) 1,1-Dichloropropene	7.707	75	5349	5.678	ug/l #	50
38) Carbon Tetrachloride	7.701	117	6044	6.254	ug/l #	18
76) 1,2,3-Trichloropropane	12.401	75	14721	58.439	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	14721	141.126	ug/l #	11
92) 1,2-Dibromo-3-Chloropr...	14.309	75	51	1.181	ug/l #	2

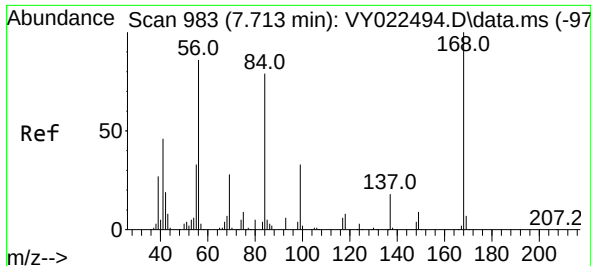
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060525\
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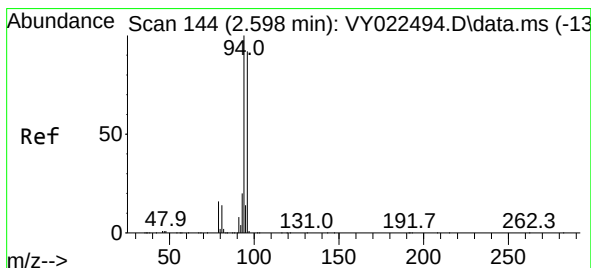
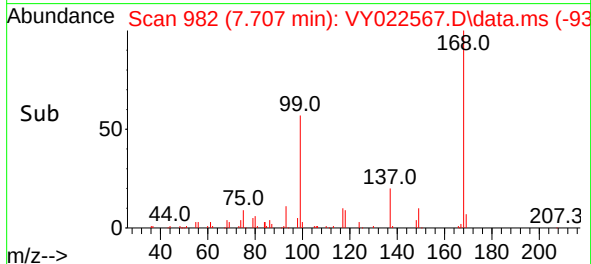
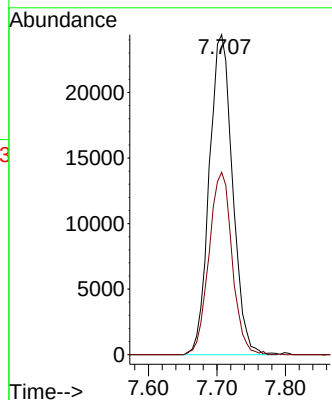
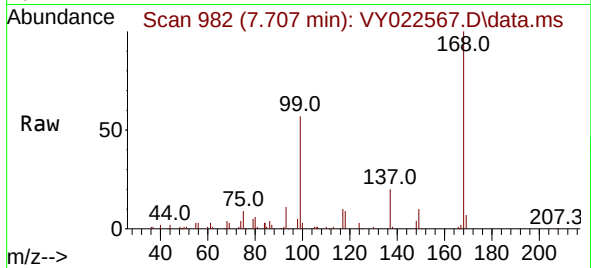




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022567.D
Acq: 05 Jun 2025 12:22

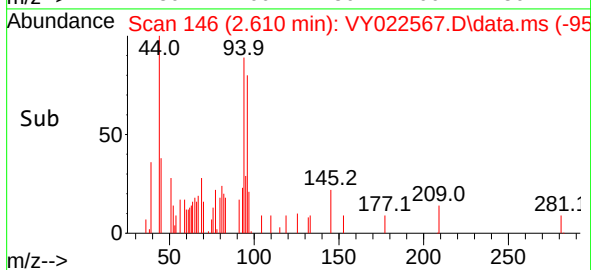
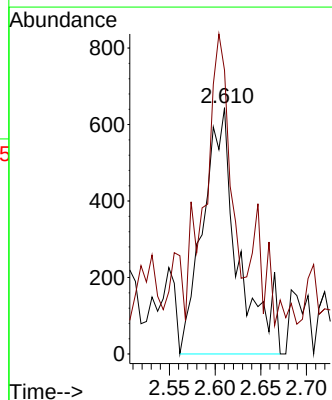
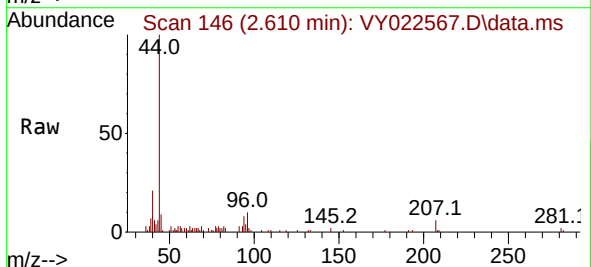
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-060325RE

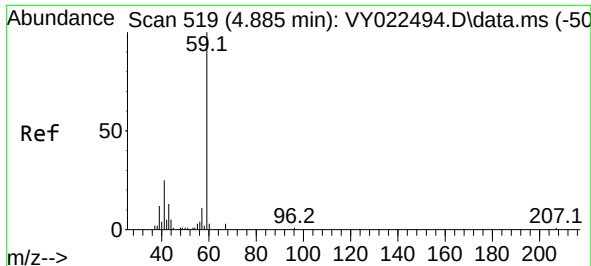
Tgt Ion:168 Resp: 57455
Ion Ratio Lower Upper
168 100
99 57.0 44.3 66.5



#5
Bromomethane
Concen: 1.006 ug/l
RT: 2.610 min Scan# 146
Delta R.T. 0.012 min
Lab File: VY022567.D
Acq: 05 Jun 2025 12:22

Tgt Ion: 94 Resp: 1699
Ion Ratio Lower Upper
94 100
96 93.3 74.0 111.0





#11

Tert butyl alcohol

Concen: 1.177 ug/l

RT: 5.079 min Scan# 519

Delta R.T. 0.195 min

Lab File: VY022567.D

Acq: 05 Jun 2025 12:22

Instrument :

MSVOA_Y

ClientSampleId :

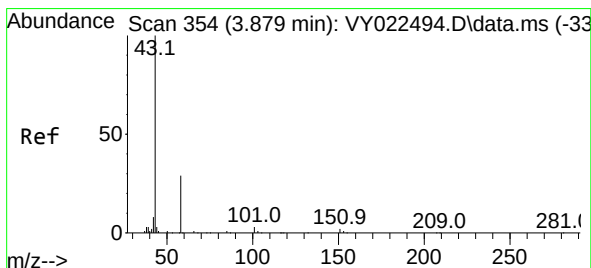
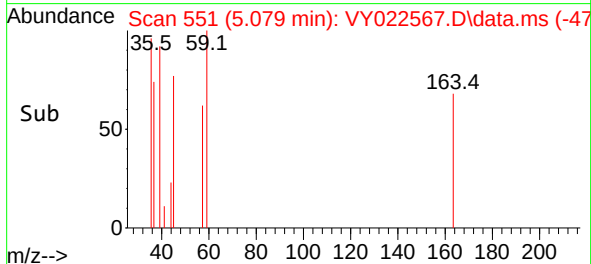
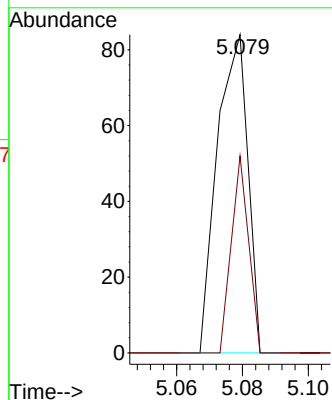
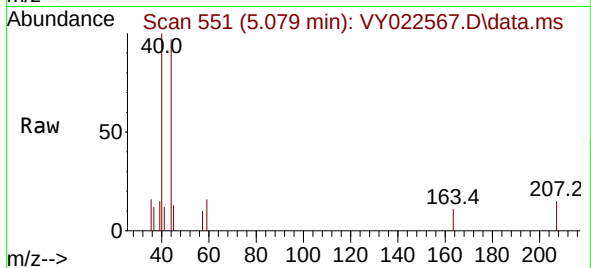
OK-01-060325RE

Tgt Ion: 59 Resp: 54

Ion Ratio Lower Upper

59 100

57 35.2 8.0 12.0#



#16

Acetone

Concen: 2.100 ug/l

RT: 3.878 min Scan# 354

Delta R.T. -0.001 min

Lab File: VY022567.D

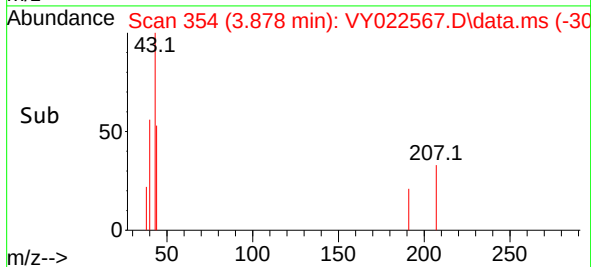
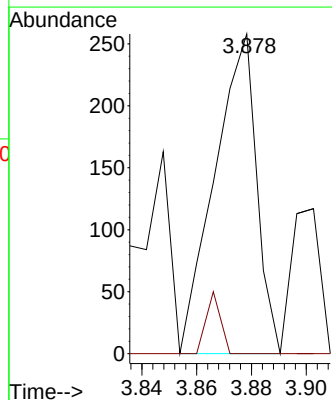
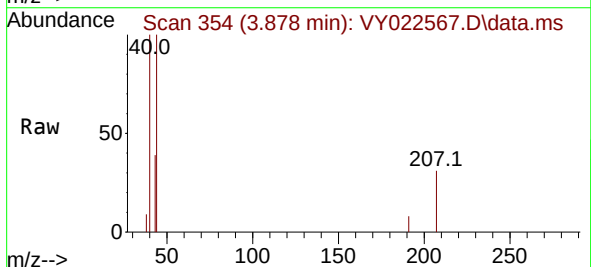
Acq: 05 Jun 2025 12:22

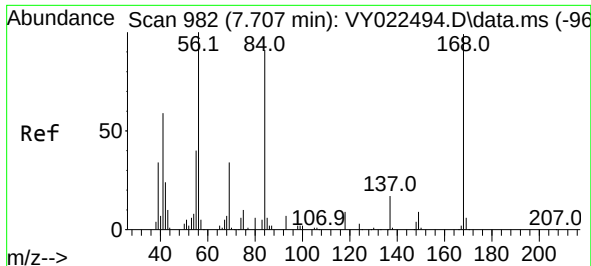
Tgt Ion: 43 Resp: 274

Ion Ratio Lower Upper

43 100

58 0.0 24.0 36.0#

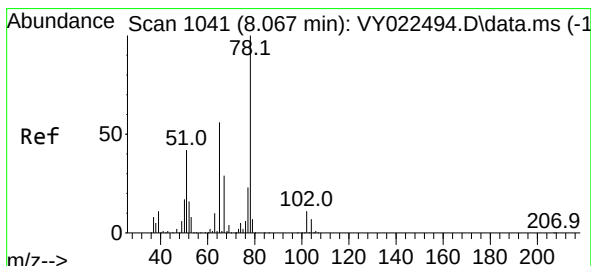
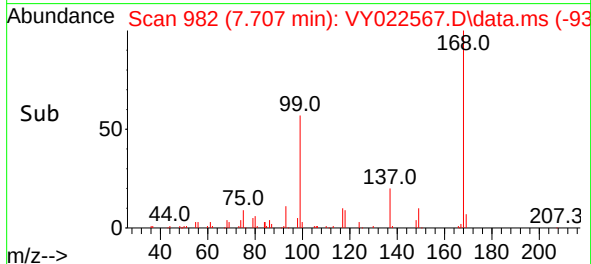
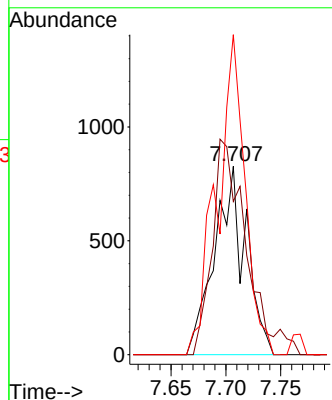
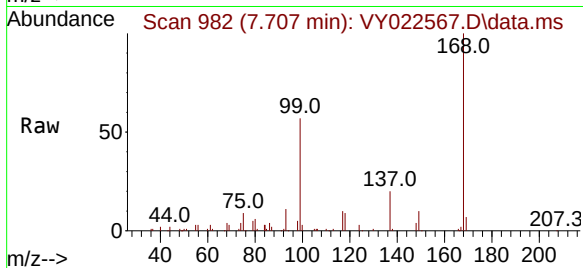




#31
Cyclohexane
Concen: 1.338 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY022567.D
Acq: 05 Jun 2025 12:22

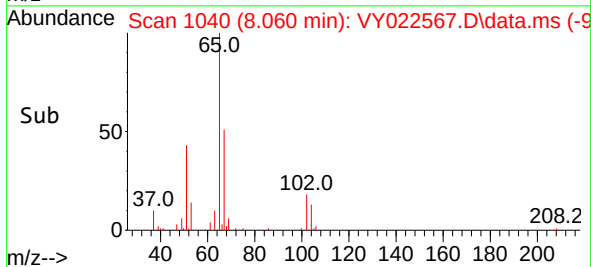
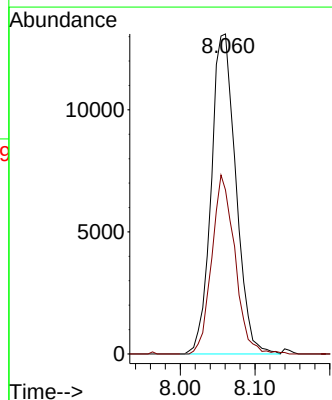
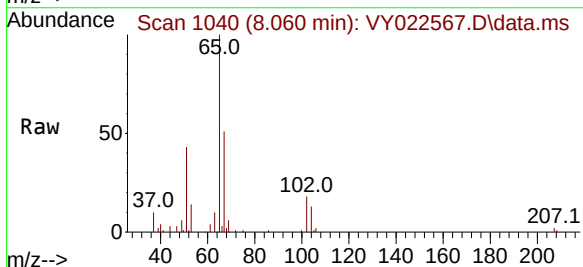
Instrument :
MSVOA_Y
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OK-01-060325RE

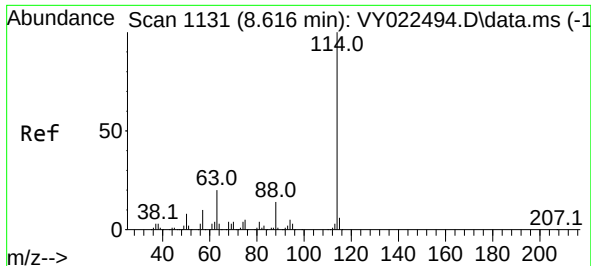
Tgt Ion: 56 Resp: 1652
Ion Ratio Lower Upper
56 100
69 81.4 27.0 40.6#
84 169.9 72.6 109.0#



#33
1,2-Dichloroethane-d4
Concen: 46.849 ug/l
RT: 8.060 min Scan# 1040
Delta R.T. -0.007 min
Lab File: VY022567.D
Acq: 05 Jun 2025 12:22

Tgt Ion: 65 Resp: 30105
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.4

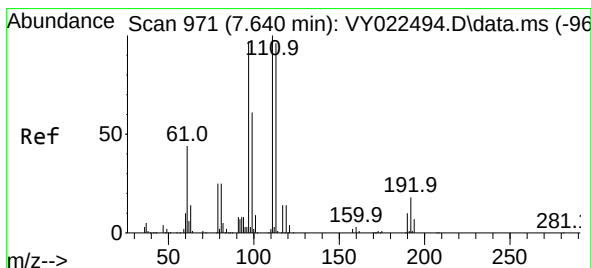
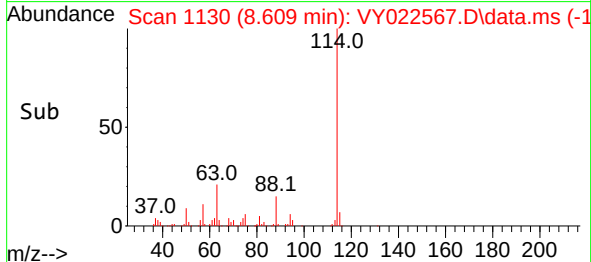
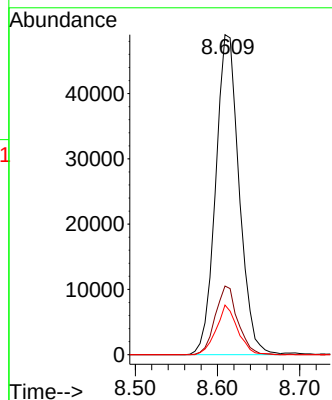
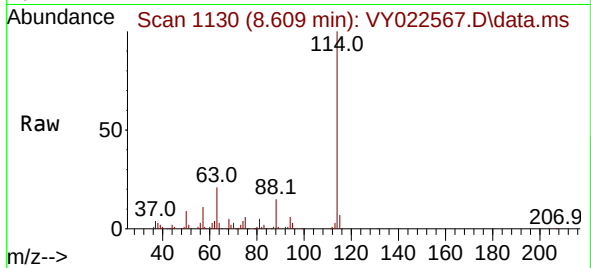




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1131
Delta R.T. -0.007 min
Lab File: VY022567.D
Acq: 05 Jun 2025 12:22

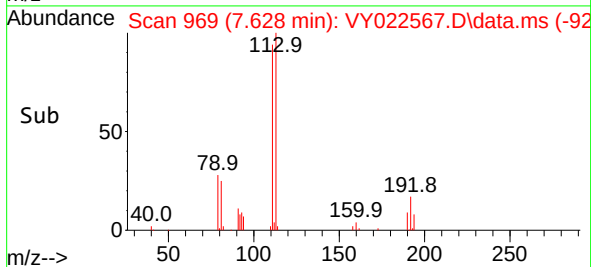
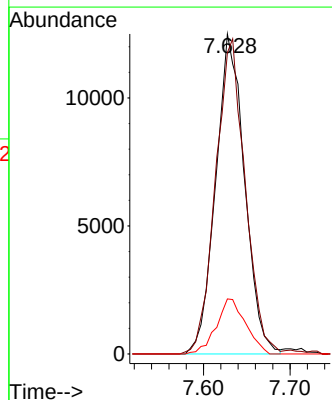
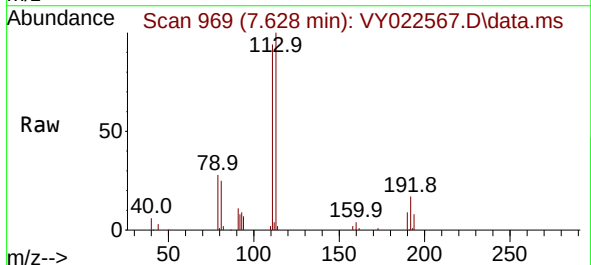
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-060325RE

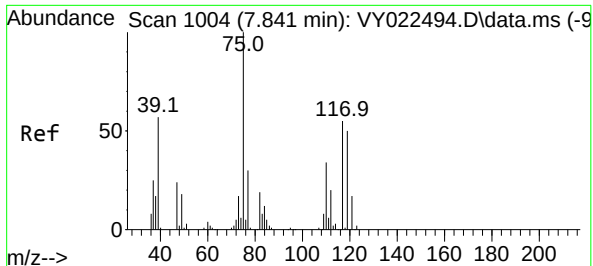
Tgt Ion:114	Resp:	97249
Ion Ratio	Lower	Upper
114	100	
63	21.5	0.0 40.8
88	15.5	0.0 27.8



#35
Dibromofluoromethane
Concen: 49.852 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.013 min
Lab File: VY022567.D
Acq: 05 Jun 2025 12:22

Tgt Ion:113	Resp:	28937
Ion Ratio	Lower	Upper
113	100	
111	100.7	81.1 121.7
192	17.5	14.2 21.2

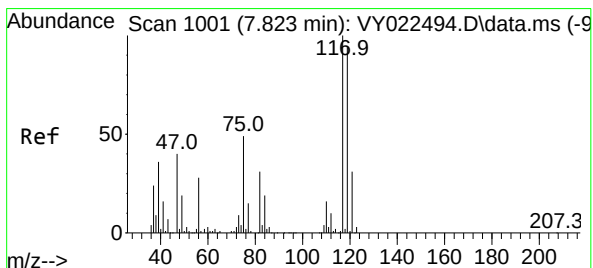
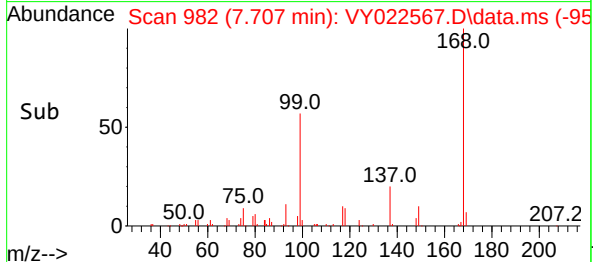
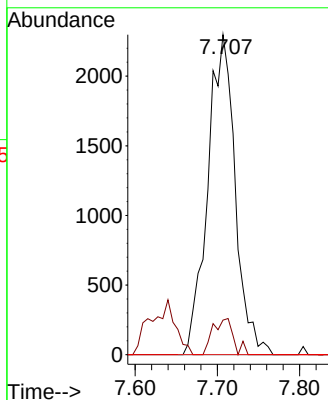
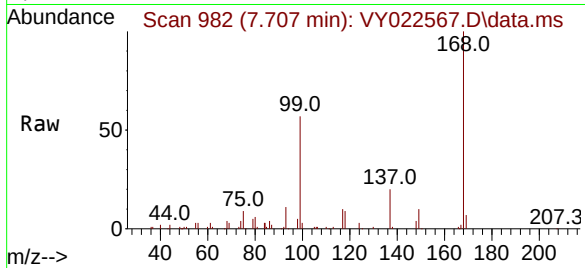




#36
 1,1-Dichloropropene
 Concen: 5.678 ug/l
 RT: 7.707 min Scan# 91
 Delta R.T. -0.135 min
 Lab File: VY022567.D
 Acq: 05 Jun 2025 12:22

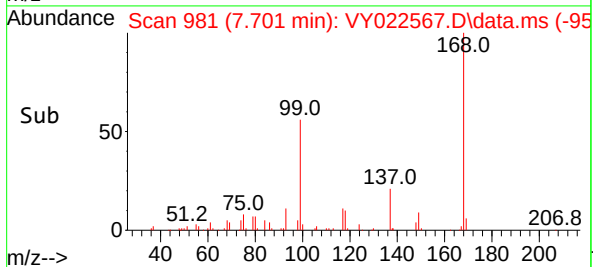
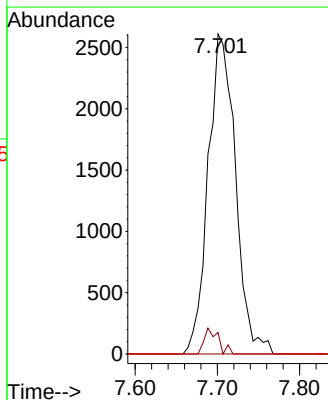
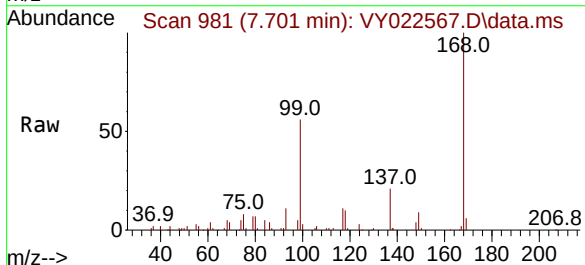
Instrument :
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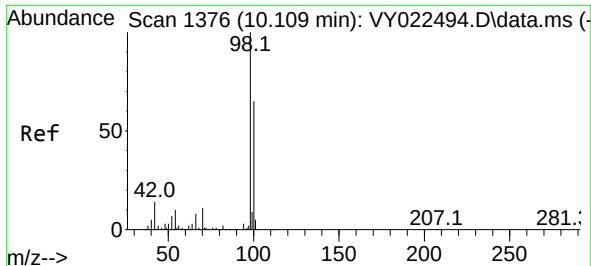
Tgt Ion: 75 Resp: 5349
 Ion Ratio Lower Upper
 75 100
 110 8.4 16.9 50.7#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 6.254 ug/l
 RT: 7.701 min Scan# 981
 Delta R.T. -0.122 min
 Lab File: VY022567.D
 Acq: 05 Jun 2025 12:22

Tgt Ion: 117 Resp: 6044
 Ion Ratio Lower Upper
 117 100
 119 6.7 75.0 112.6#
 121 0.0 25.0 37.4#

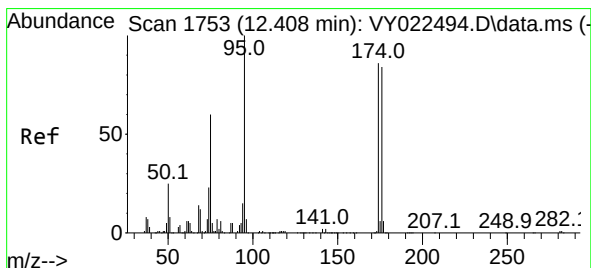
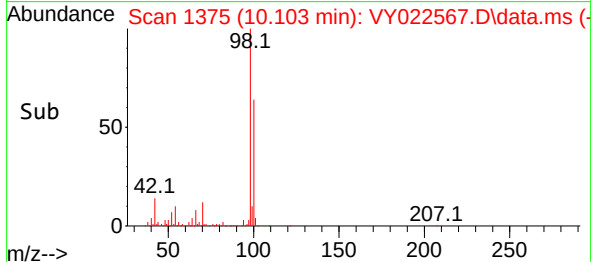
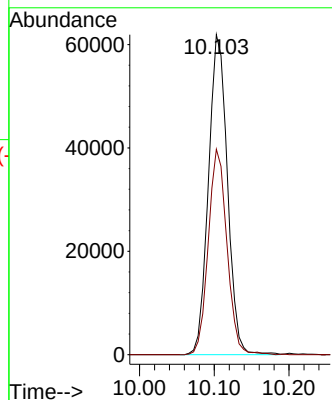
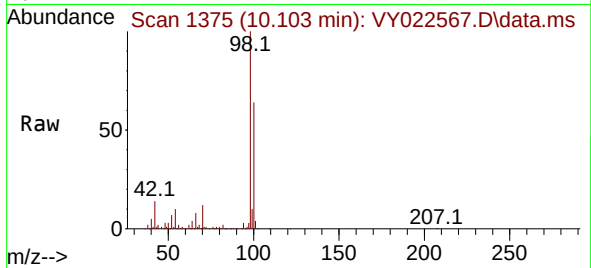




#50
Toluene-d8
Concen: 46.447 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY022567.D
Acq: 05 Jun 2025 12:22

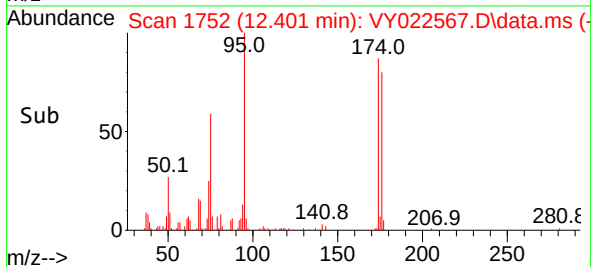
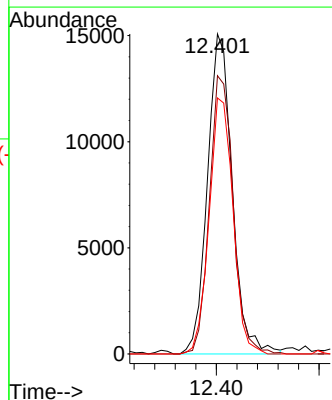
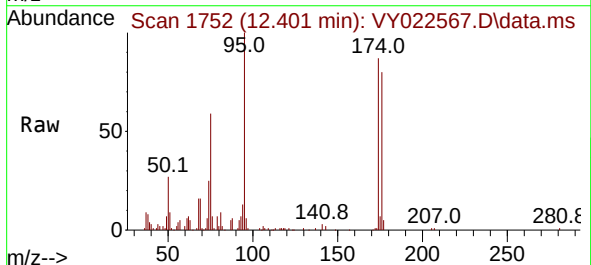
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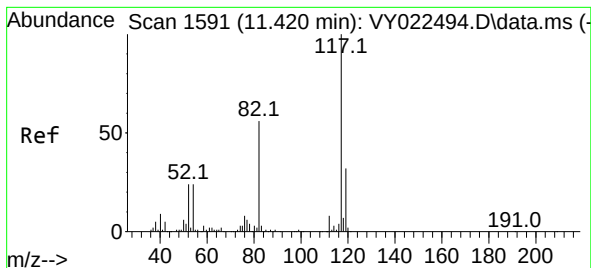
Tgt Ion: 98 Resp: 108939
Ion Ratio Lower Upper
98 100
100 63.4 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 36.124 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.007 min
Lab File: VY022567.D
Acq: 05 Jun 2025 12:22

Tgt Ion: 95 Resp: 25244
Ion Ratio Lower Upper
95 100
174 83.4 0.0 170.0
176 77.1 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.413 min Scan# 11

Delta R.T. -0.007 min

Lab File: VY022567.D

Acq: 05 Jun 2025 12:22

Instrument :

MSVOA_Y

ClientSampleId :

OK-01-060325RE

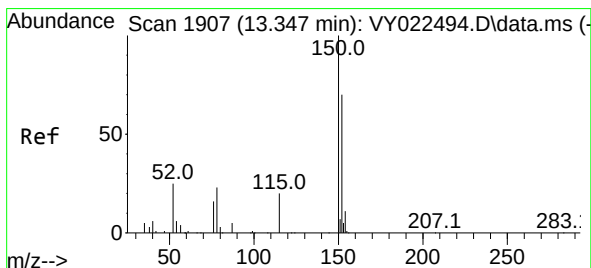
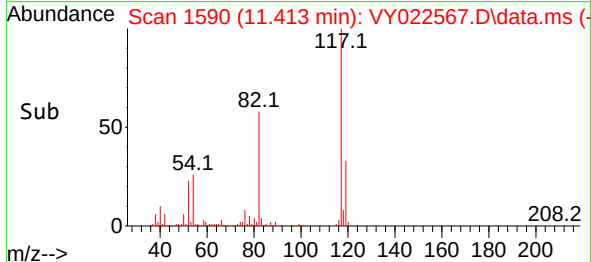
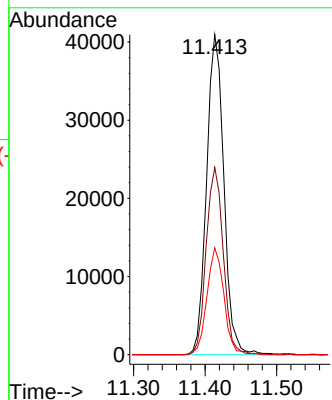
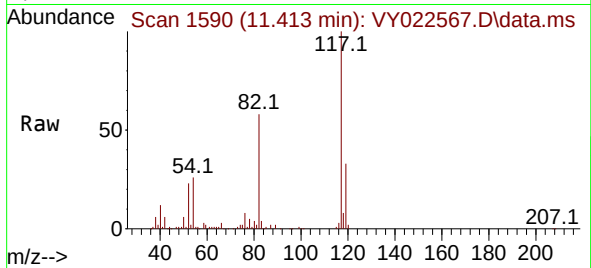
Tgt Ion:117 Resp: 68751

Ion Ratio Lower Upper

117 100

82 58.5 44.6 66.8

119 33.4 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022567.D

Acq: 05 Jun 2025 12:22

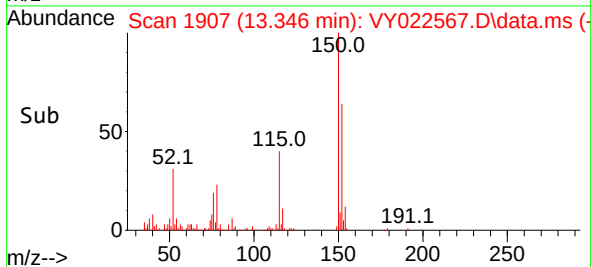
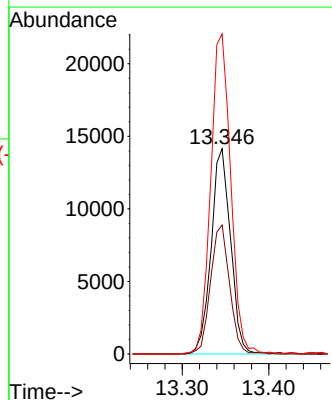
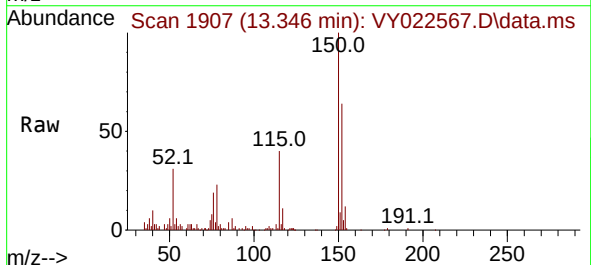
Tgt Ion:152 Resp: 22019

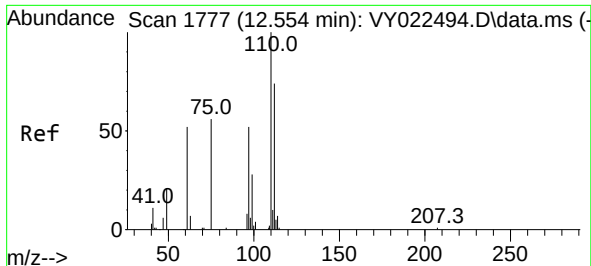
Ion Ratio Lower Upper

152 100

115 61.8 28.9 86.7

150 160.7 0.0 349.6

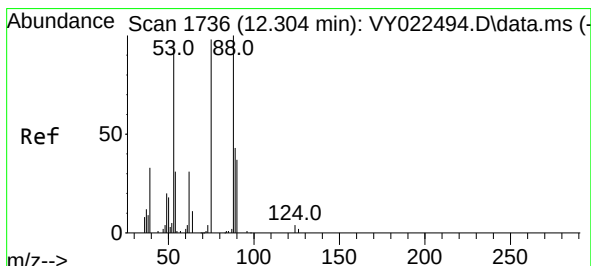
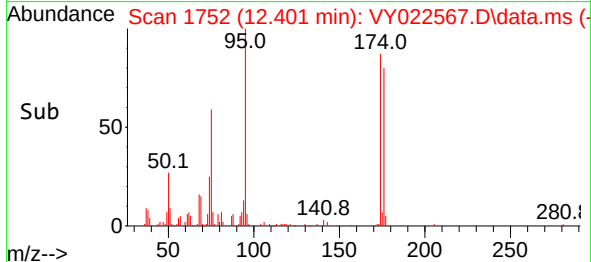
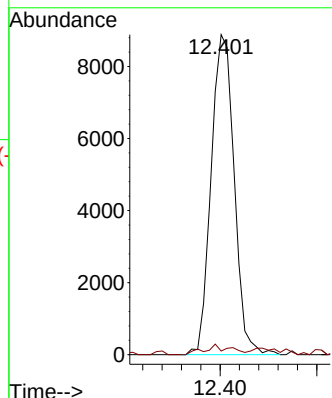
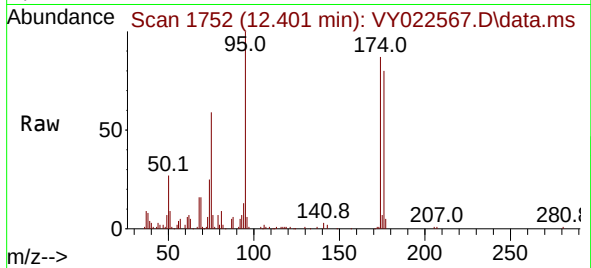




#76
1,2,3-Trichloropropane
Concen: 58.439 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.153 min
Lab File: VY022567.D
Acq: 05 Jun 2025 12:22

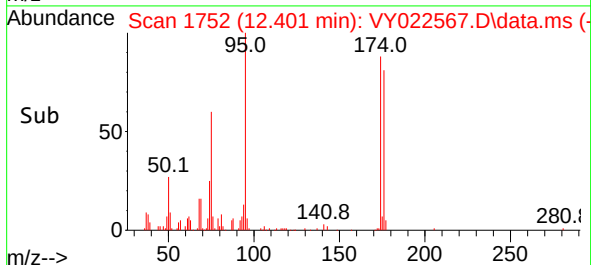
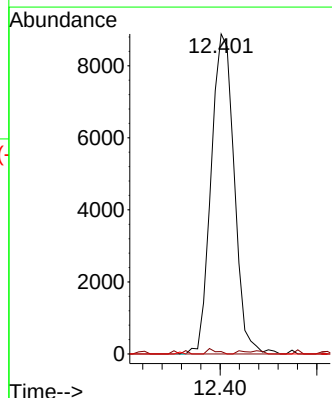
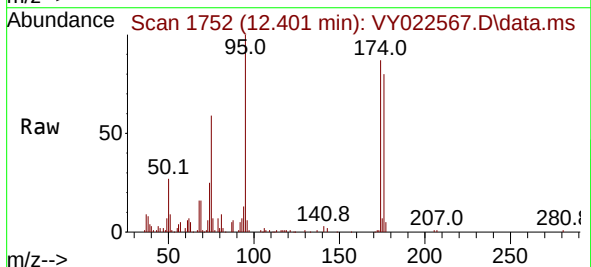
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-060325RE

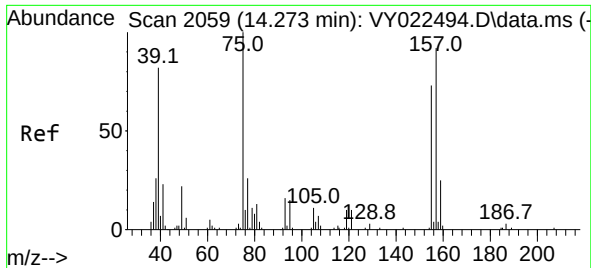
Tgt Ion: 75 Resp: 14721
Ion Ratio Lower Upper
75 100
77 3.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 141.126 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.097 min
Lab File: VY022567.D
Acq: 05 Jun 2025 12:22

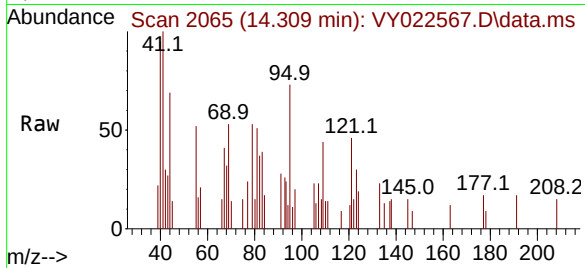
Tgt Ion: 75 Resp: 14721
Ion Ratio Lower Upper
75 100
53 0.7 78.5 117.7#
89 0.0 35.7 53.5#





#92
1,2-Dibromo-3-Chloropropane
Concen: 1.181 ug/l
RT: 14.309 min Scan# 2059
Delta R.T. 0.036 min
Lab File: VY022567.D
Acq: 05 Jun 2025 12:22

Instrument :
MSVOA_Y
ClientSampleId :
OK-01-060325RE



Tgt Ion: 75 Resp: 51
Ion Ratio Lower Upper
75 100
155 0.0 39.9 119.6#
157 0.0 54.0 162.0#

