

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032425\
 Data File : VY021611.D
 Acq On : 24 Mar 2025 11:54
 Operator : SY/MD
 Sample : VY0324SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBL01

Quant Time: Mar 25 01:29:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

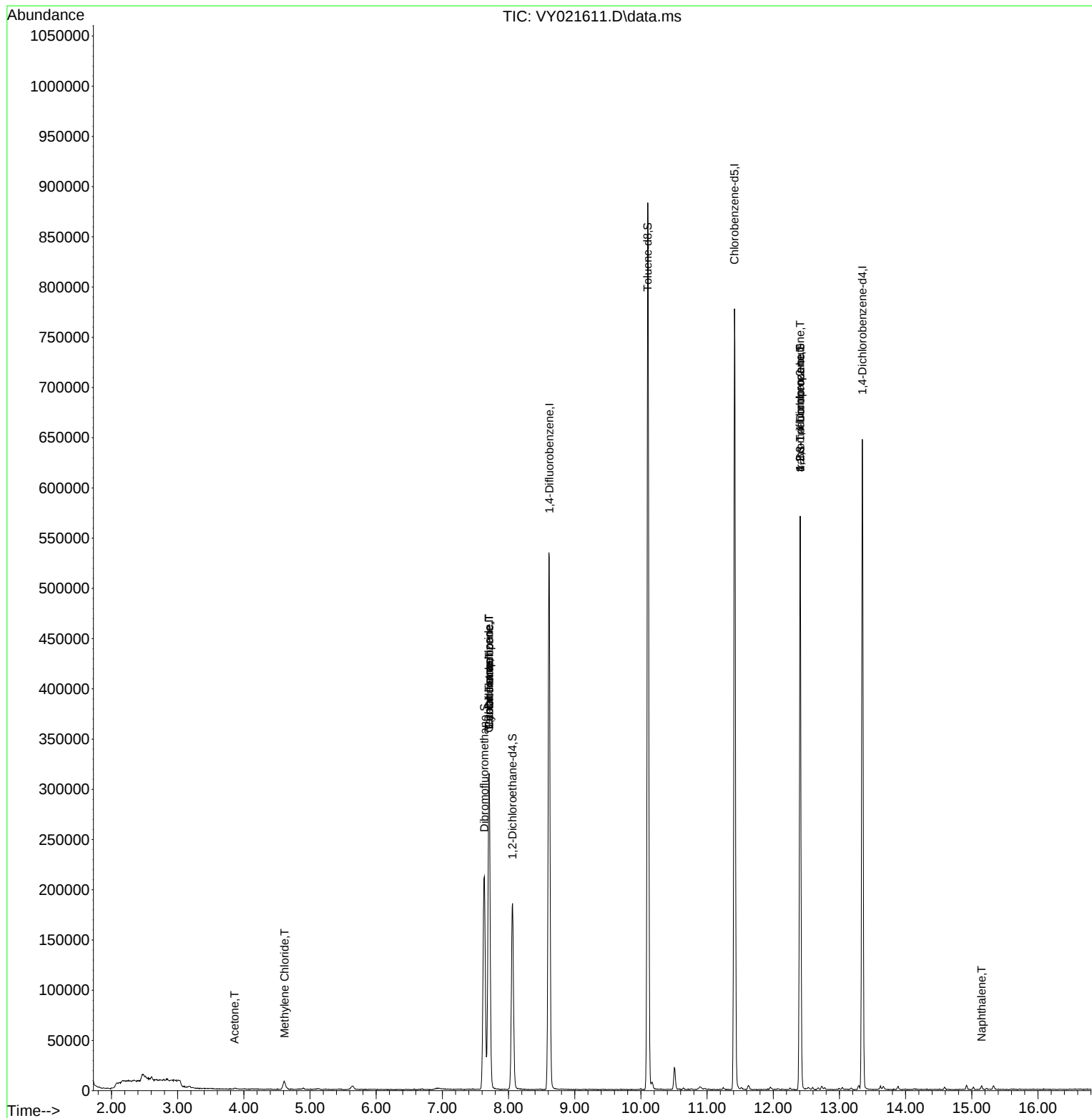
Internal Standards						
1) Pentafluorobenzene	7.707	168	242068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	444928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	404941	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	157460	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	147180	57.526	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.060%
35) Dibromofluoromethane	7.634	113	151988	51.969	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.940%
50) Toluene-d8	10.103	98	545582	49.270	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.540%
62) 4-Bromofluorobenzene	12.408	95	165844	44.029	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.060%
Target Compounds						
11) Tert butyl alcohol	4.848	59	331	Below Cal	#	72
16) Acetone	3.860	43	1228	2.201	ug/l	98
20) Methylene Chloride	4.616	84	5095	1.739	ug/l	86
31) Cyclohexane	7.707	56	5756	1.201	ug/l #	3
36) 1,1-Dichloropropene	7.707	75	20256	4.425	ug/l #	50
38) Carbon Tetrachloride	7.701	117	24463	4.646	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	88917	56.039	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	88917	127.394	ug/l #	9
95) Naphthalene	15.151	128	2338	1.997	ug/l #	90

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032425\
Data File : VY021611.D
Acq On : 24 Mar 2025 11:54
Operator : SY/MD
Sample : VY0324SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBL01

Quant Time: Mar 25 01:29:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

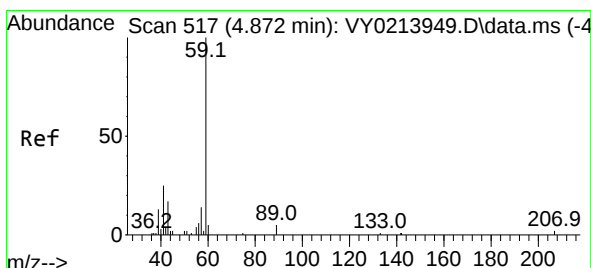
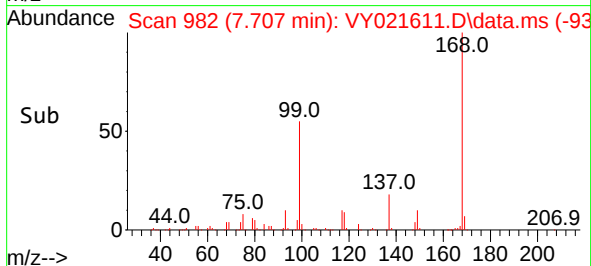
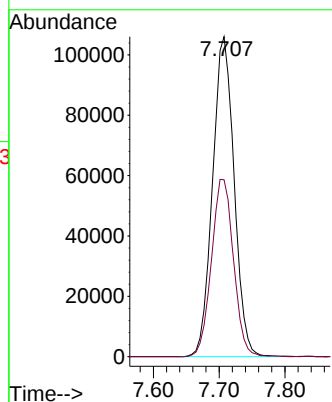
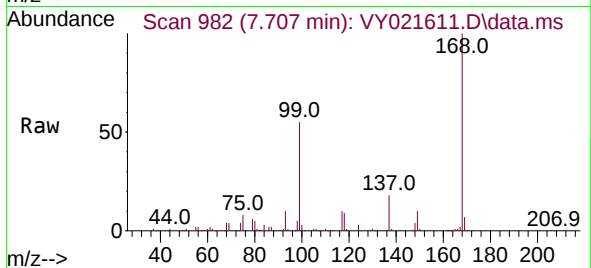




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021611.D
Acq: 24 Mar 2025 11:54

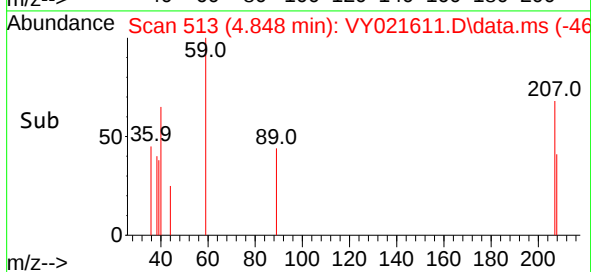
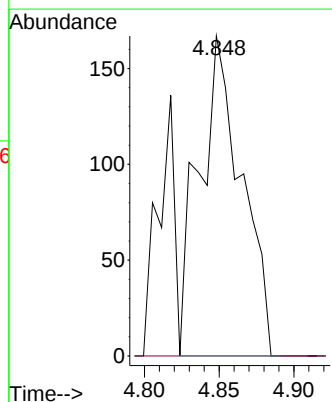
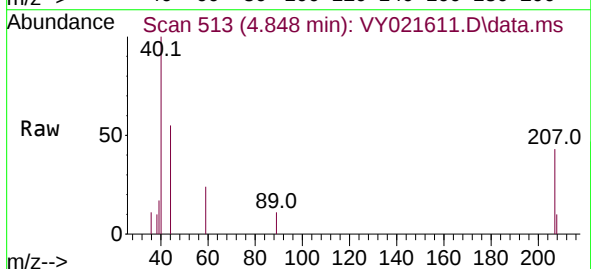
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBL01

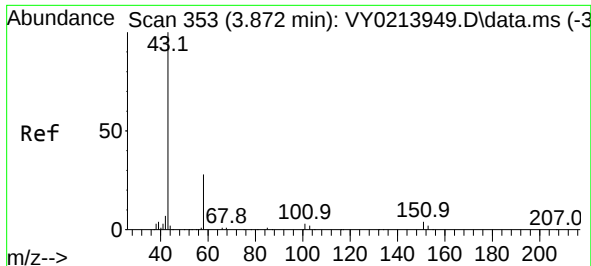
Tgt Ion:168 Resp: 242068
Ion Ratio Lower Upper
168 100
99 55.3 46.0 69.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.848 min Scan# 513
Delta R.T. -0.024 min
Lab File: VY021611.D
Acq: 24 Mar 2025 11:54

Tgt Ion: 59 Resp: 331
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

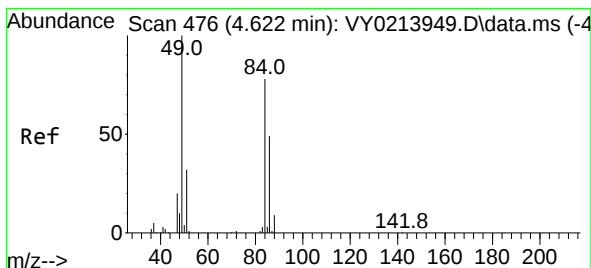
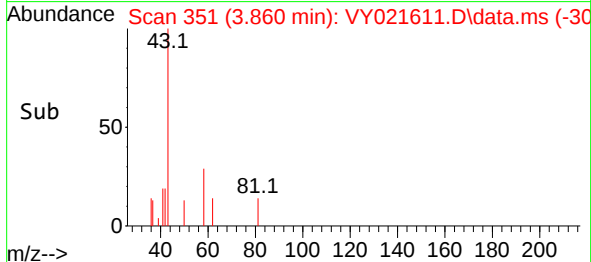
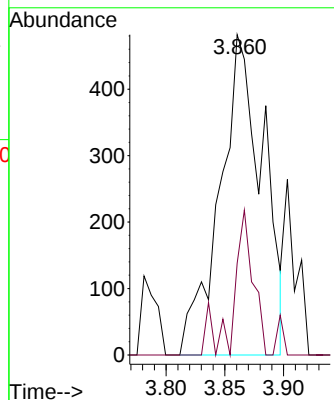
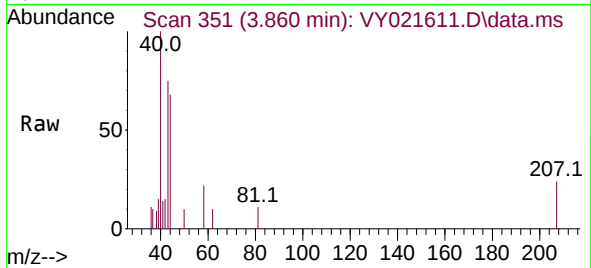




#16
Acetone
Concen: 2.201 ug/l
RT: 3.860 min Scan# 311
Delta R.T. -0.012 min
Lab File: VY021611.D
Acq: 24 Mar 2025 11:54

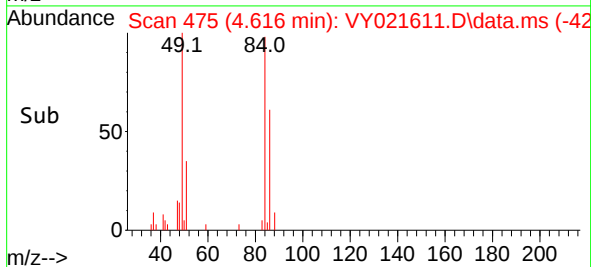
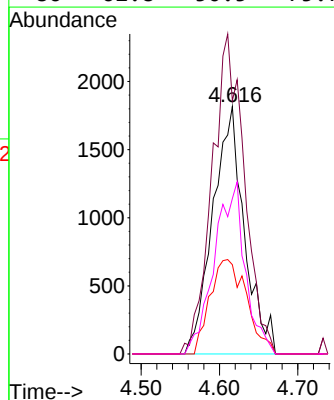
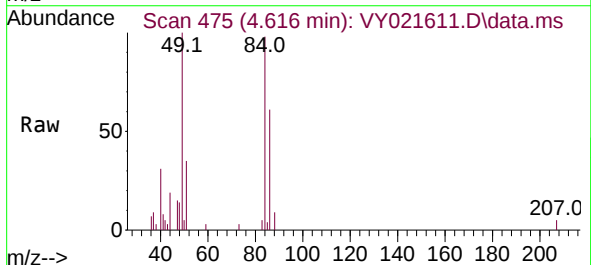
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBL01

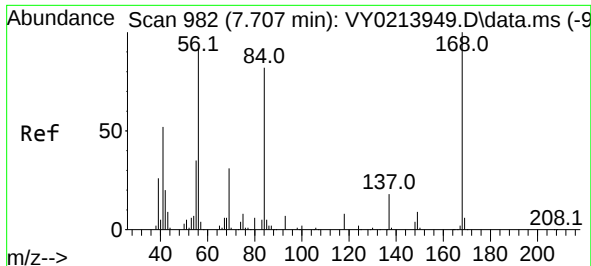
Tgt Ion: 43 Resp: 1228
Ion Ratio Lower Upper
43 100
58 28.6 22.1 33.1



#20
Methylene Chloride
Concen: 1.739 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY021611.D
Acq: 24 Mar 2025 11:54

Tgt Ion: 84 Resp: 5095
Ion Ratio Lower Upper
84 100
49 102.3 102.0 153.0
51 36.1 33.0 49.6
86 62.8 50.5 75.7

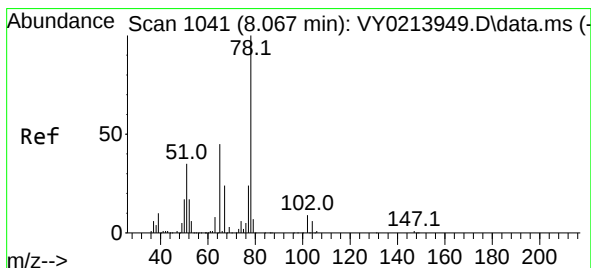
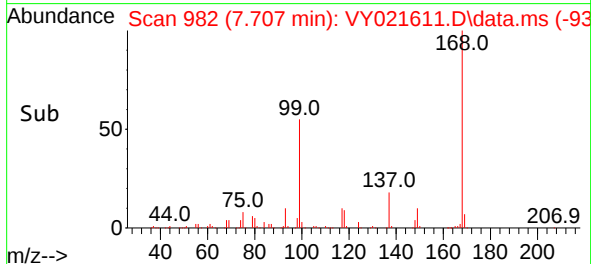
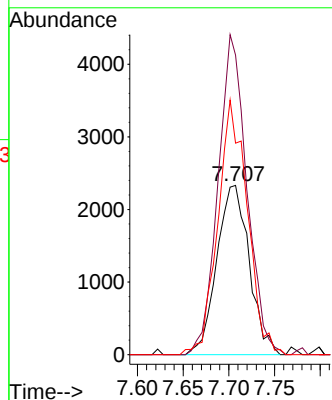
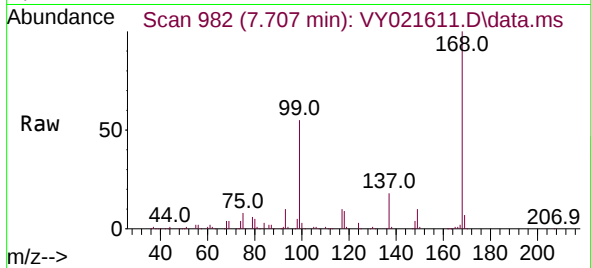




#31
Cyclohexane
Concen: 1.201 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021611.D
Acq: 24 Mar 2025 11:54

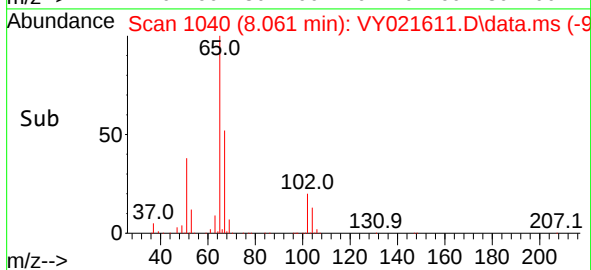
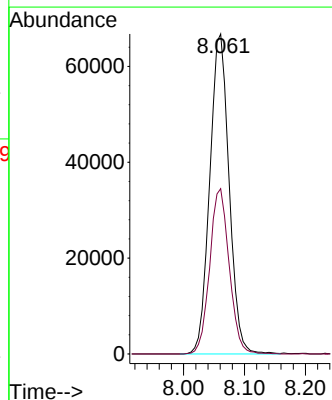
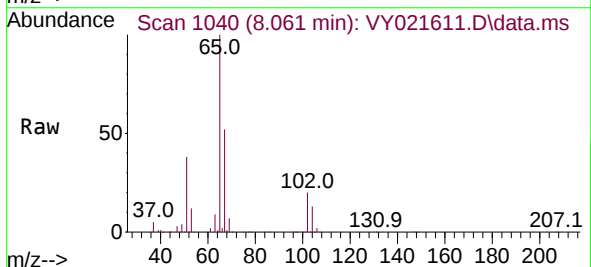
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBL01

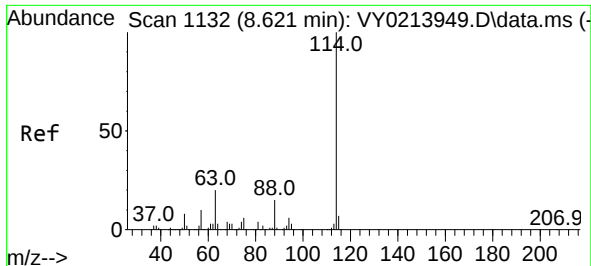
Tgt Ion: 56 Resp: 5756
Ion Ratio Lower Upper
56 100
69 177.0 27.0 40.4#
84 125.0 71.1 106.7#



#33
1,2-Dichloroethane-d4
Concen: 57.526 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021611.D
Acq: 24 Mar 2025 11:54

Tgt Ion: 65 Resp: 147180
Ion Ratio Lower Upper
65 100
67 52.1 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VY021611.D

Acq: 24 Mar 2025 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBL01

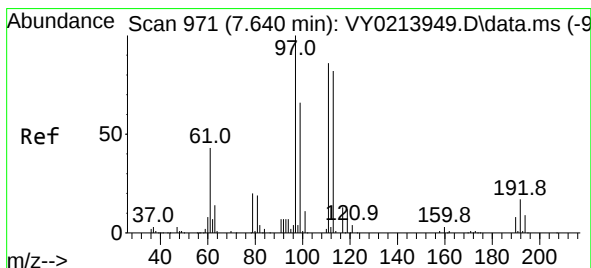
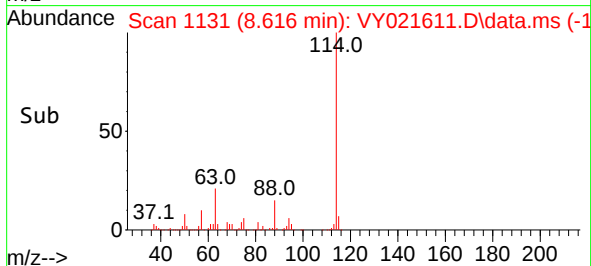
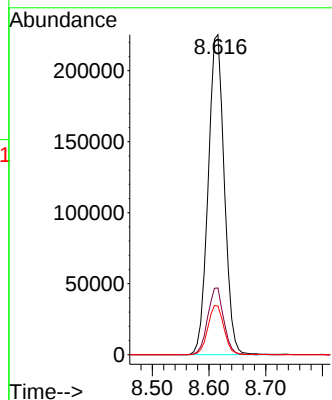
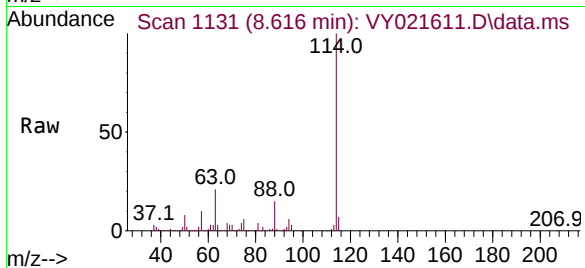
Tgt Ion:114 Resp: 444928

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.8

88 15.2 0.0 30.8



#35

Dibromofluoromethane

Concen: 51.969 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.006 min

Lab File: VY021611.D

Acq: 24 Mar 2025 11:54

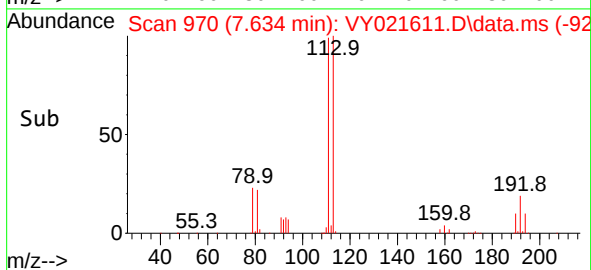
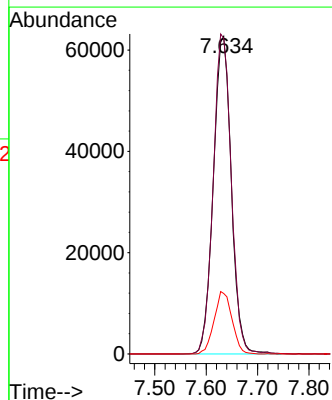
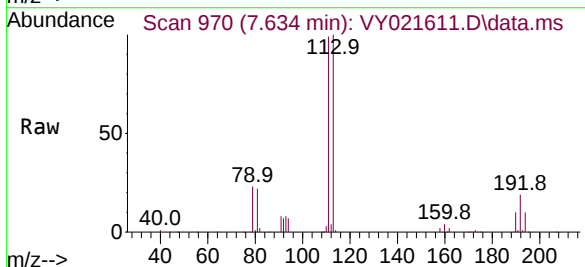
Tgt Ion:113 Resp: 151988

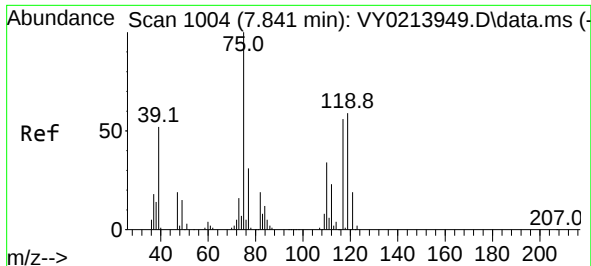
Ion Ratio Lower Upper

113 100

111 101.3 82.0 123.0

192 19.5 15.9 23.9

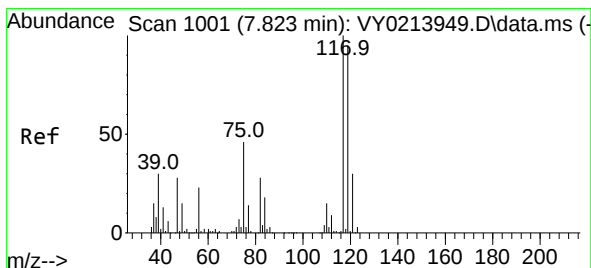
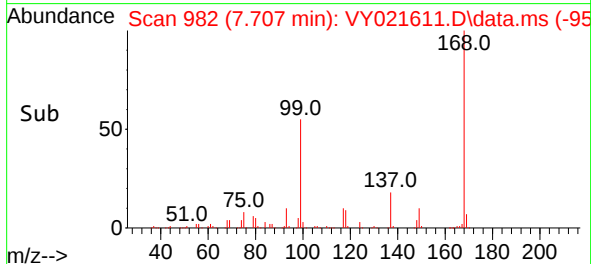
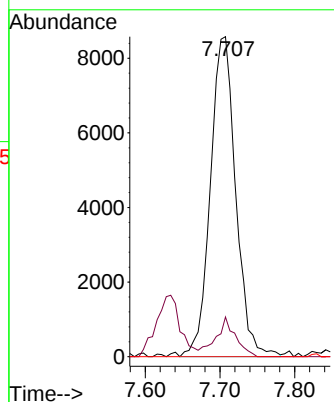
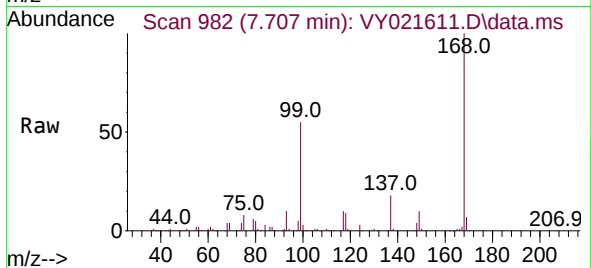




#36
1,1-Dichloropropene
Concen: 4.425 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.134 min
Lab File: VY021611.D
Acq: 24 Mar 2025 11:54

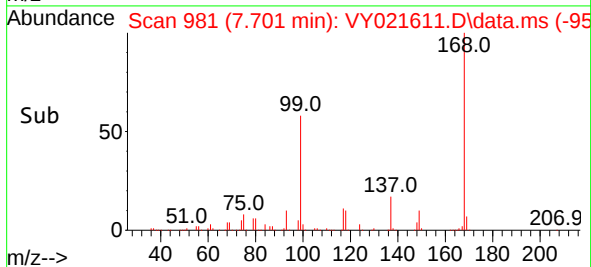
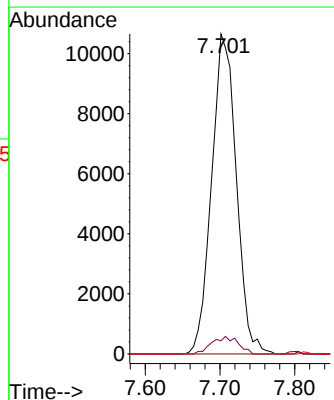
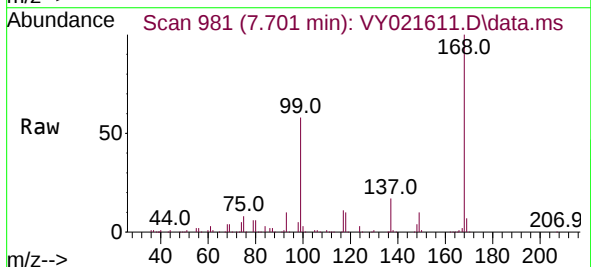
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBL01

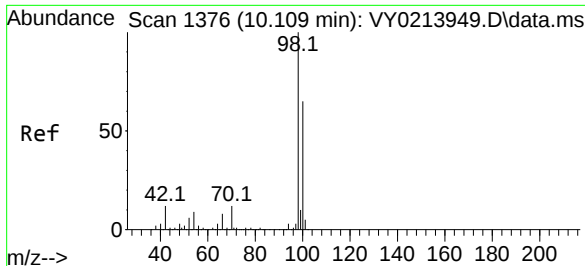
Tgt Ion: 75 Resp: 20256
Ion Ratio Lower Upper
75 100
110 9.6 17.3 51.7#
77 0.0 25.4 38.2#



#38
Carbon Tetrachloride
Concen: 4.646 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.121 min
Lab File: VY021611.D
Acq: 24 Mar 2025 11:54

Tgt Ion: 117 Resp: 24463
Ion Ratio Lower Upper
117 100
119 4.1 75.8 113.8#
121 0.0 23.9 35.9#

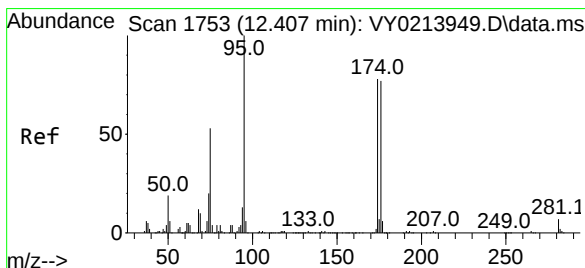
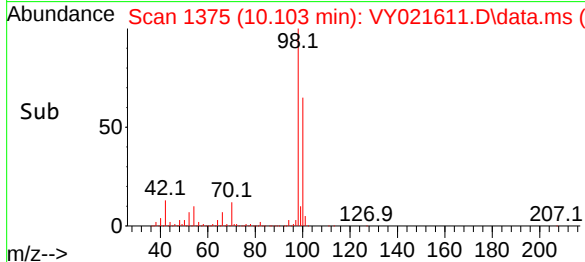
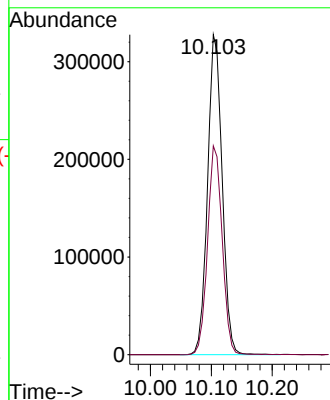
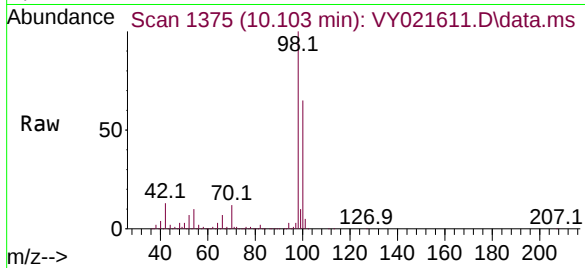




#50
Toluene-d8
Concen: 49.270 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021611.D
Acq: 24 Mar 2025 11:54

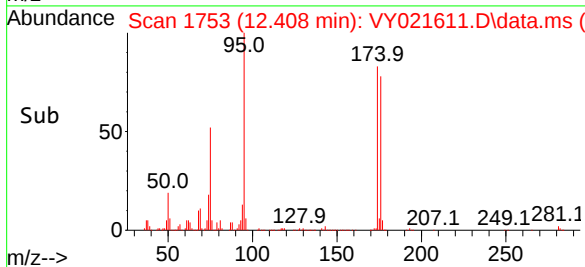
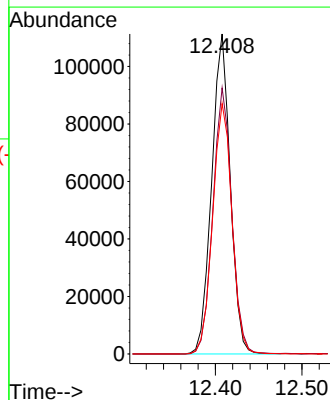
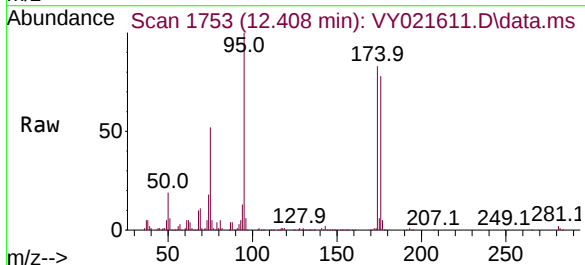
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBL01

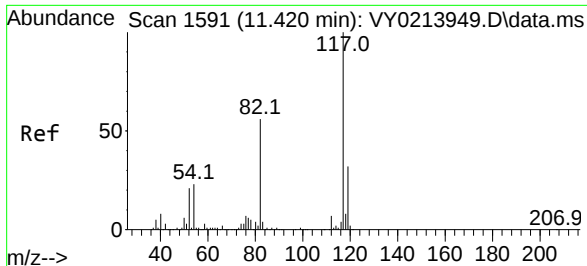
Tgt Ion: 98 Resp: 545582
Ion Ratio Lower Upper
98 100
100 65.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 44.029 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021611.D
Acq: 24 Mar 2025 11:54

Tgt Ion: 95 Resp: 165844
Ion Ratio Lower Upper
95 100
174 84.4 0.0 165.0
176 81.3 0.0 160.0

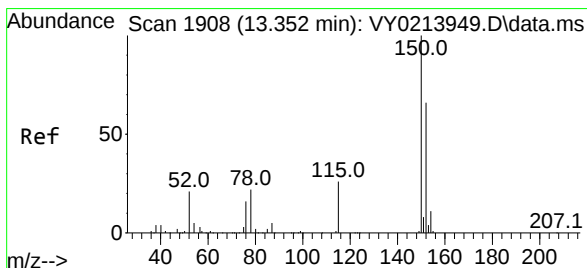
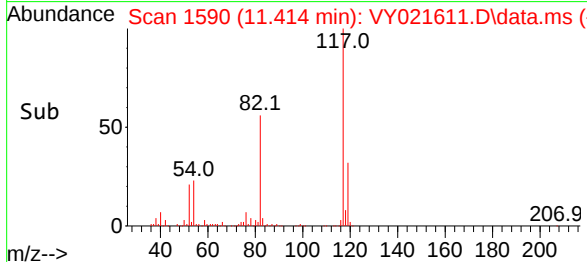
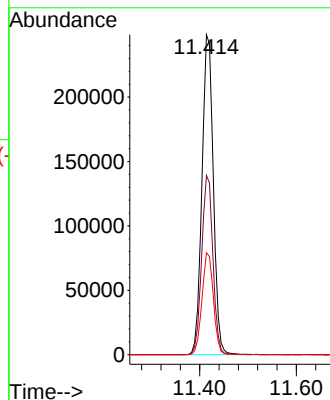
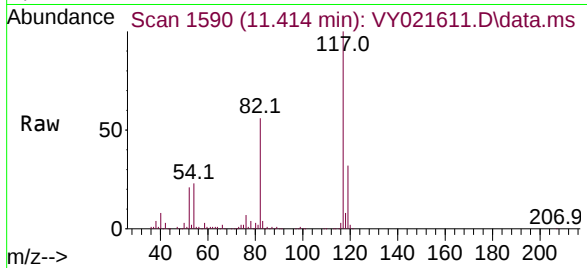




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021611.D
Acq: 24 Mar 2025 11:54

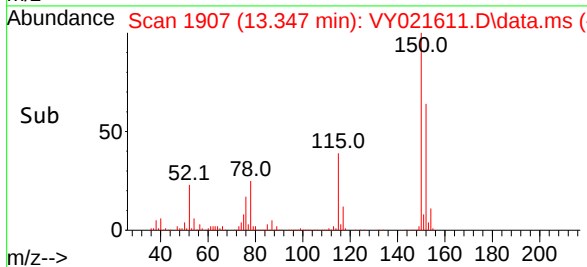
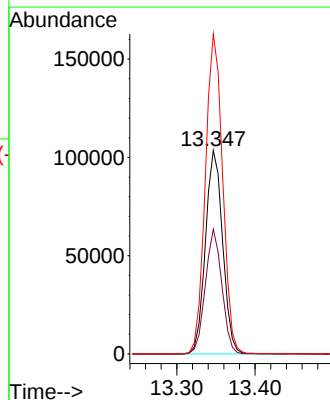
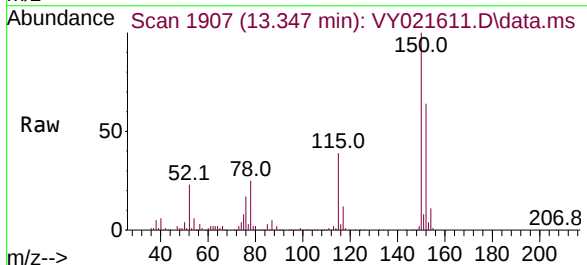
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBL01

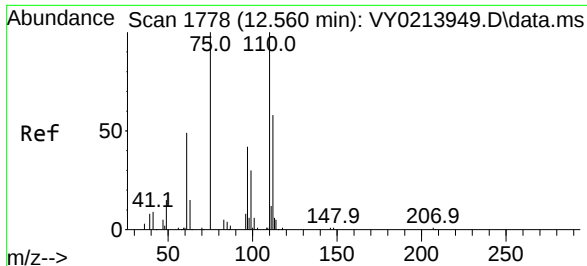
Tgt Ion:117 Resp: 404941
Ion Ratio Lower Upper
117 100
82 56.0 44.6 67.0
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021611.D
Acq: 24 Mar 2025 11:54

Tgt Ion:152 Resp: 157460
Ion Ratio Lower Upper
152 100
115 58.9 29.0 87.0
150 157.9 0.0 347.2

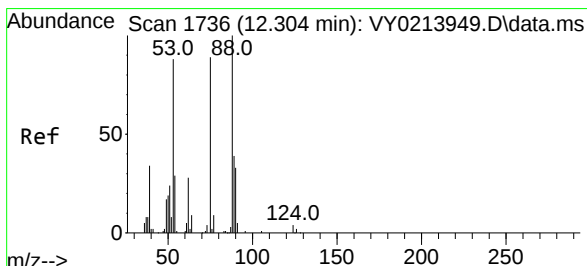
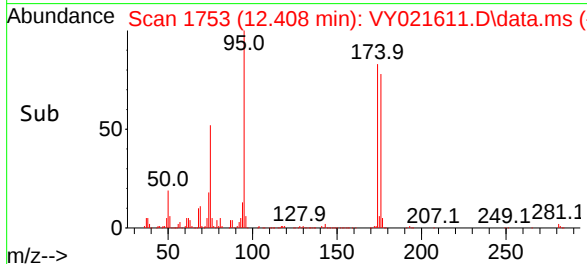
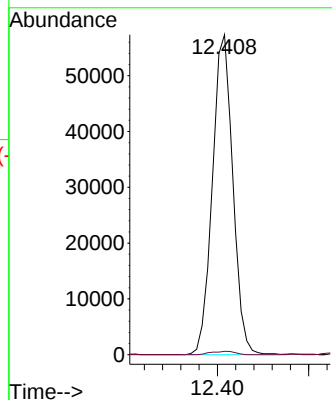
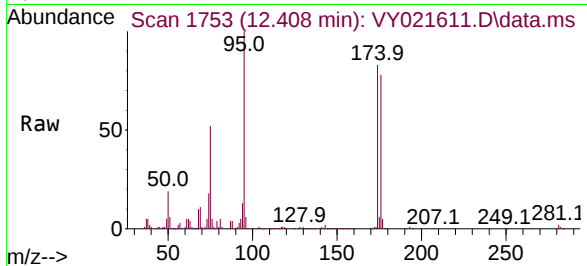




#76
1,2,3-Trichloropropane
Concen: 56.039 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY021611.D
Acq: 24 Mar 2025 11:54

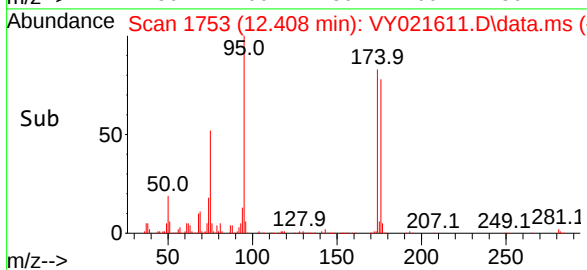
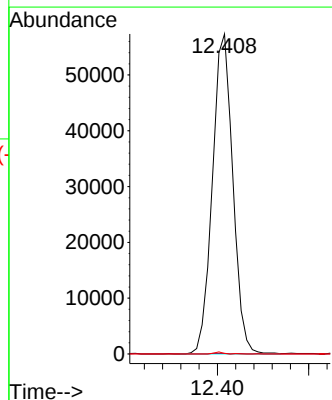
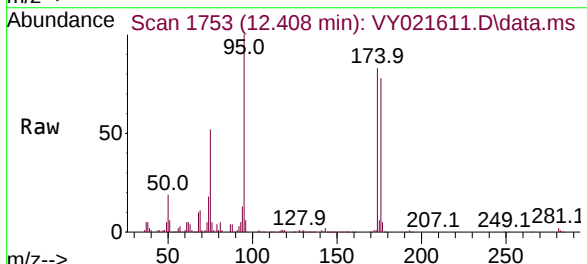
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBL01

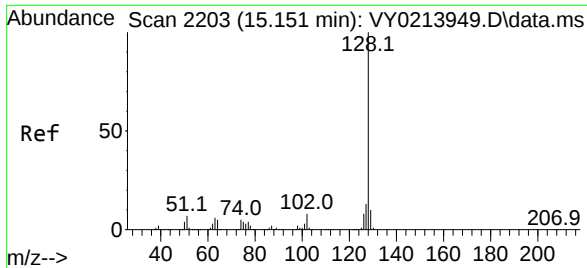
Tgt Ion: 75 Resp: 88917
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 127.394 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY021611.D
Acq: 24 Mar 2025 11:54

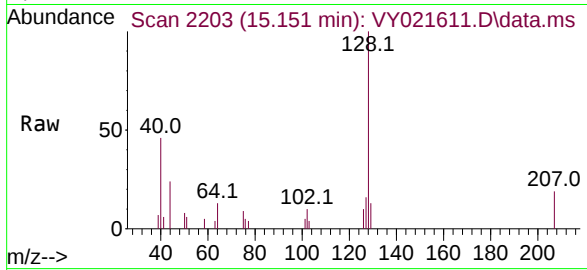
Tgt Ion: 75 Resp: 88917
Ion Ratio Lower Upper
75 100
53 0.2 81.0 121.4#
89 0.3 36.9 55.3#





#95
Naphthalene
Concen: 1.997 ug/l
RT: 15.151 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY021611.D
Acq: 24 Mar 2025 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBL01



Tgt Ion:	128	Resp:	2338
Ion	Ratio	Lower	Upper
128	100		
127	18.4	10.6	15.8#
129	8.3	8.6	13.0#

