

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031925\
 Data File : VY021564.D
 Acq On : 19 Mar 2025 11:11
 Operator : SY/MD
 Sample : VY0319SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBL01

Quant Time: Mar 20 01:29:18 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	262179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	482476	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	423939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	167704	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	151297	54.599	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.200%	
35) Dibromofluoromethane	7.634	113	159511	50.297	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.600%	
50) Toluene-d8	10.109	98	581939	48.463	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.920%	
62) 4-Bromofluorobenzene	12.408	95	173383	42.448	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 84.900%	

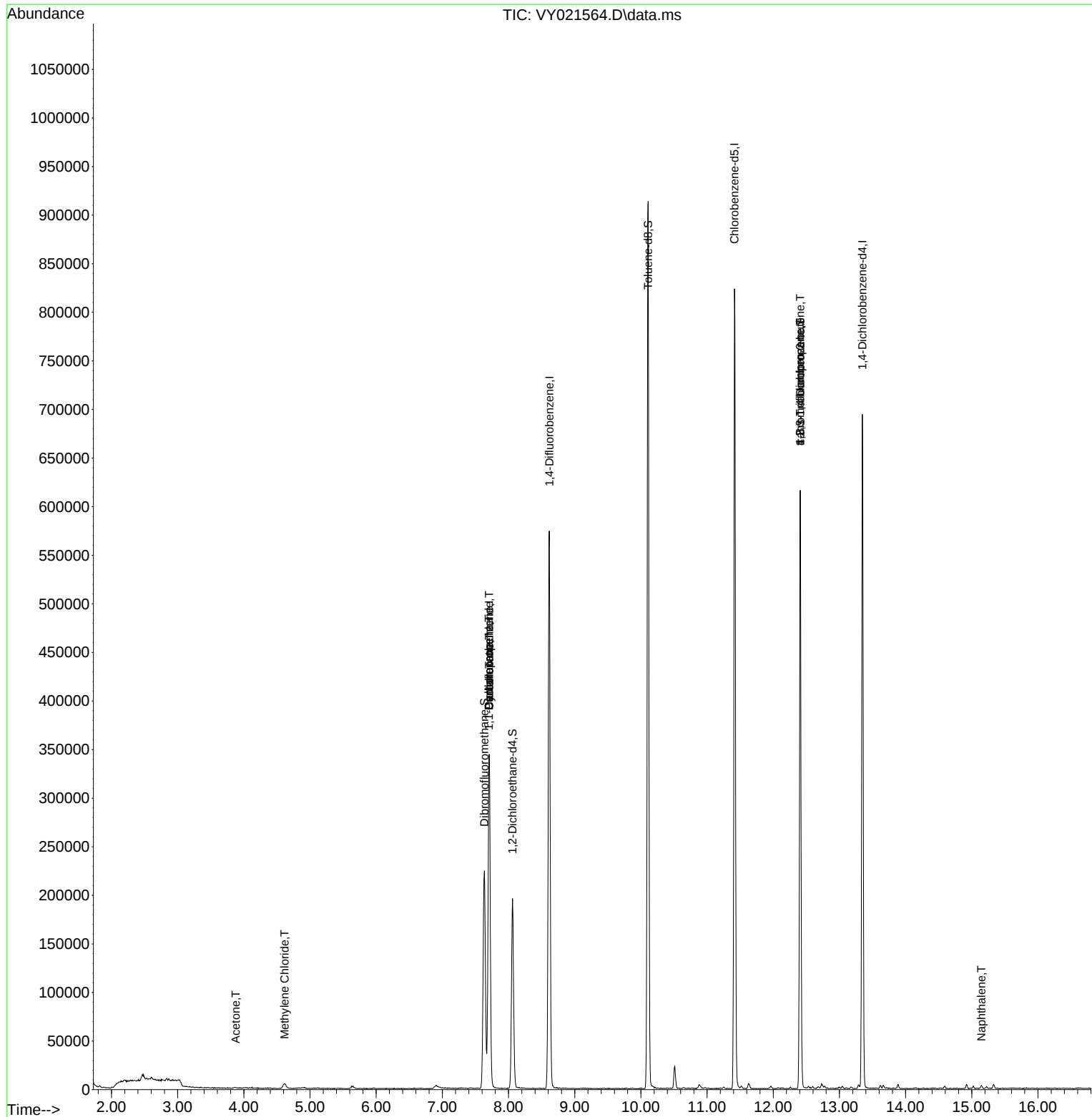
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.891	59	78	Below Cal	#	52
16) Acetone	3.879	43	1421	2.351	ug/l #	86
20) Methylene Chloride	4.616	84	3623	1.142	ug/l #	92
31) Cyclohexane	7.707	56	6182	1.191	ug/l #	1
36) 1,1-Dichloropropene	7.701	75	22252	4.482	ug/l #	49
38) Carbon Tetrachloride	7.707	117	27953	4.896	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	94083	55.673	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	94083	126.562	ug/l #	9
95) Naphthalene	15.145	128	2463	1.991	ug/l #	95

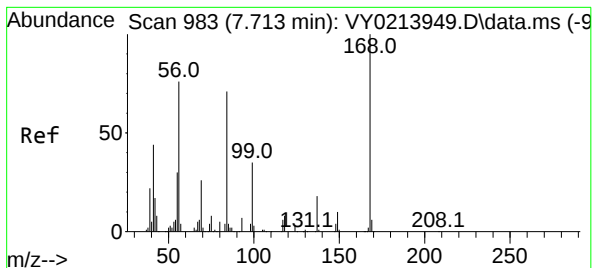
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031925\
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBL01

Quant Time: Mar 20 01:29:18 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# 9

Delta R.T. -0.006 min

Lab File: VY021564.D

Acq: 19 Mar 2025 11:11

Instrument :

MSVOA_Y

ClientSampleId :

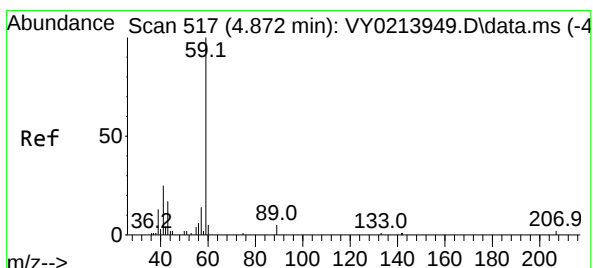
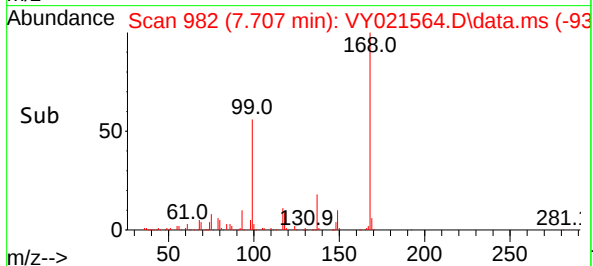
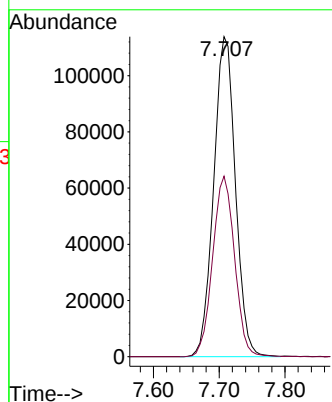
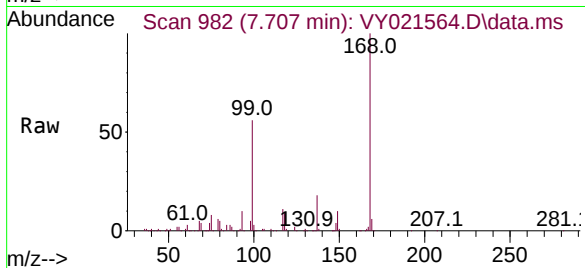
VY0319SBL01

Tgt Ion:168 Resp: 262179

Ion Ratio Lower Upper

168 100

99 56.4 46.0 69.0



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.891 min Scan# 520

Delta R.T. 0.019 min

Lab File: VY021564.D

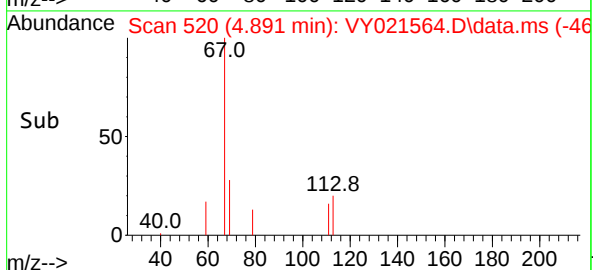
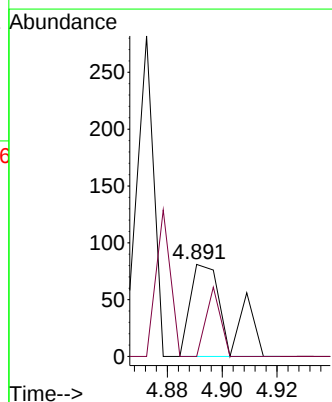
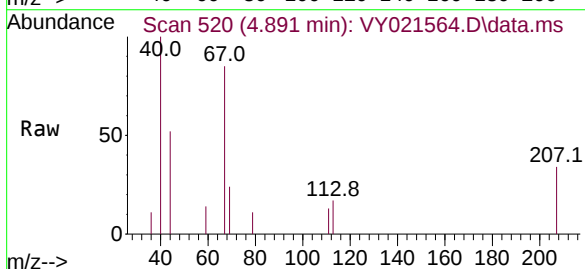
Acq: 19 Mar 2025 11:11

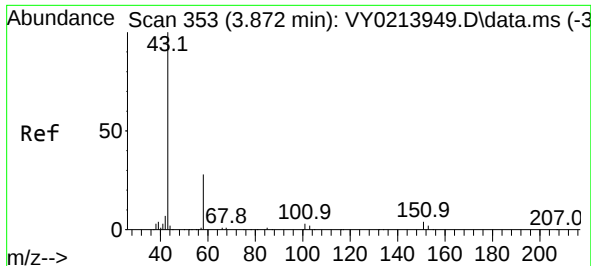
Tgt Ion: 59 Resp: 78

Ion Ratio Lower Upper

59 100

57 28.2 8.2 12.4#

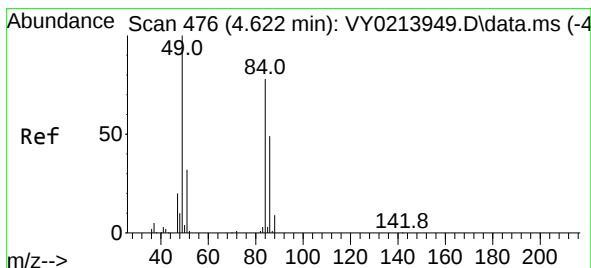
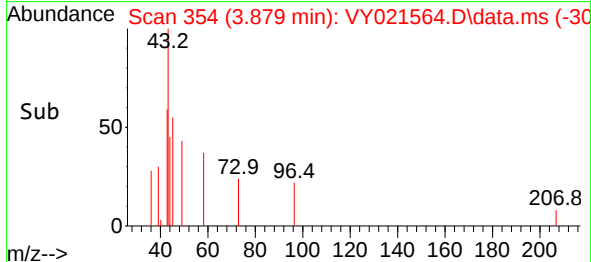
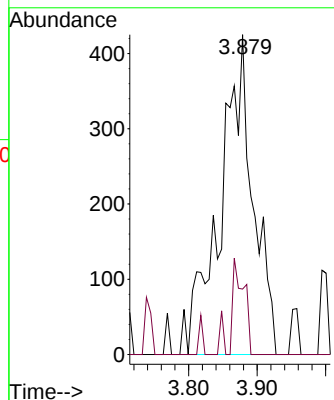
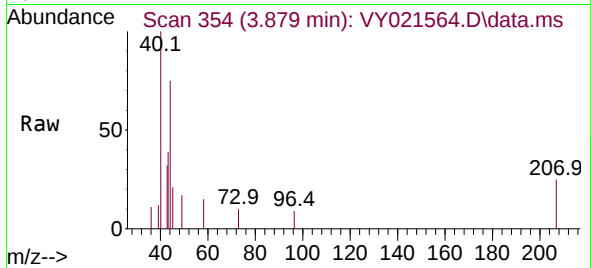




#16
Acetone
Concen: 2.351 ug/l
RT: 3.879 min Scan# 311
Delta R.T. 0.007 min
Lab File: VY021564.D
Acq: 19 Mar 2025 11:11

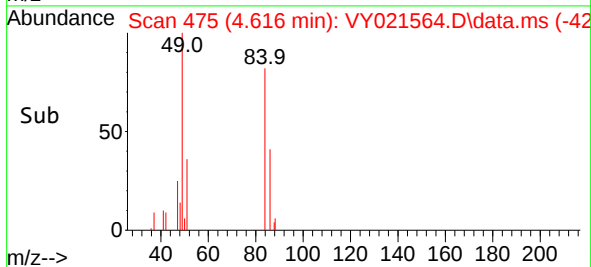
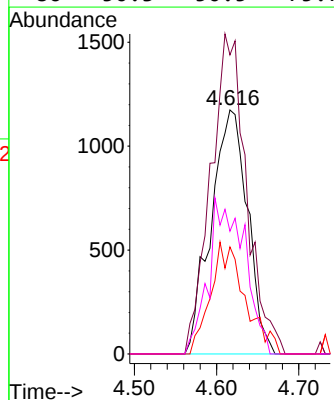
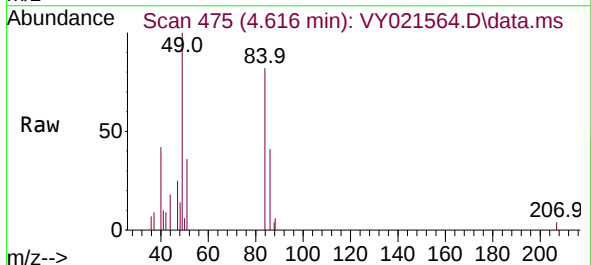
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBL01

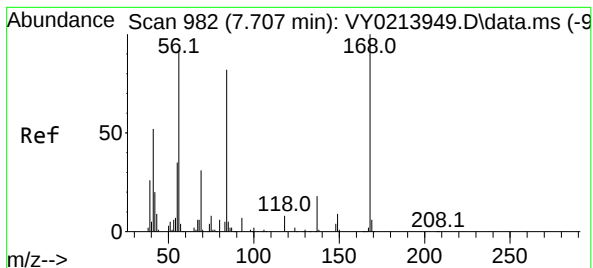
Tgt Ion: 43 Resp: 1421
Ion Ratio Lower Upper
43 100
58 20.5 22.1 33.1#



#20
Methylene Chloride
Concen: 1.142 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY021564.D
Acq: 19 Mar 2025 11:11

Tgt Ion: 84 Resp: 3623
Ion Ratio Lower Upper
84 100
49 122.6 102.0 153.0
51 43.9 33.0 49.6
86 50.3 50.5 75.7#





#31

Cyclohexane

Concen: 1.191 ug/l

RT: 7.707 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY021564.D

Acq: 19 Mar 2025 11:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBL01

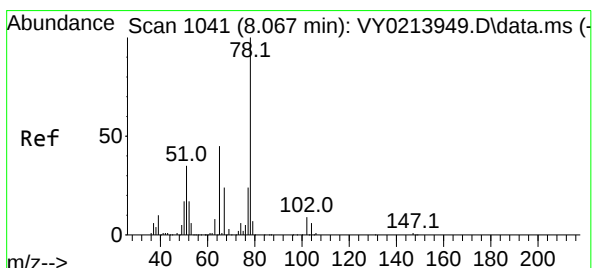
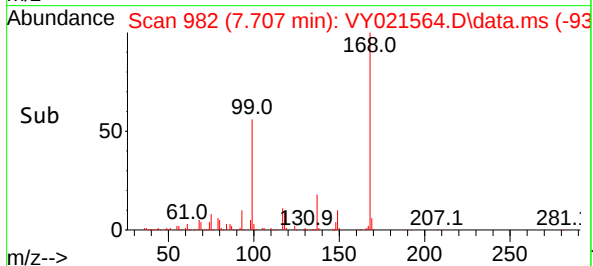
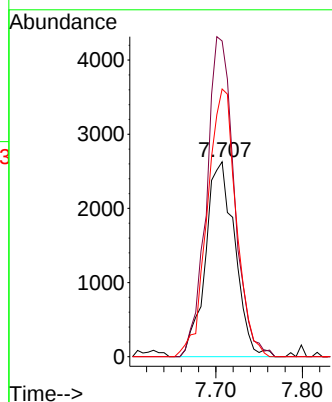
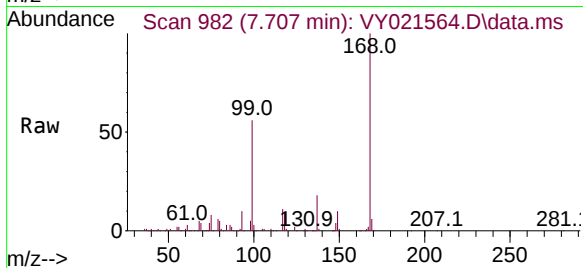
Tgt Ion: 56 Resp: 6182

Ion Ratio Lower Upper

56 100

69 162.0 27.0 40.4#

84 137.4 71.1 106.7#



#33

1,2-Dichloroethane-d4

Concen: 54.599 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VY021564.D

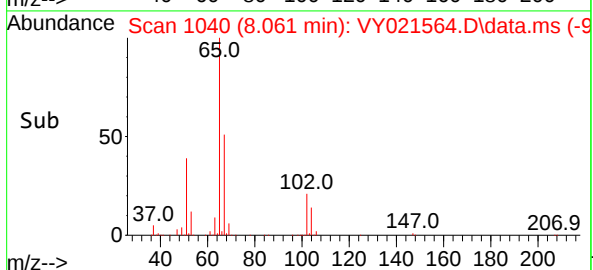
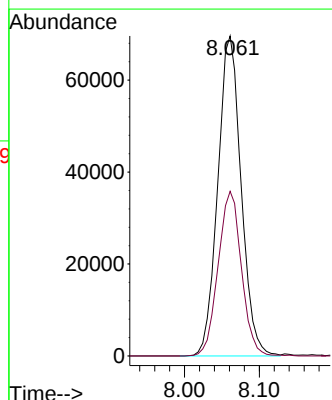
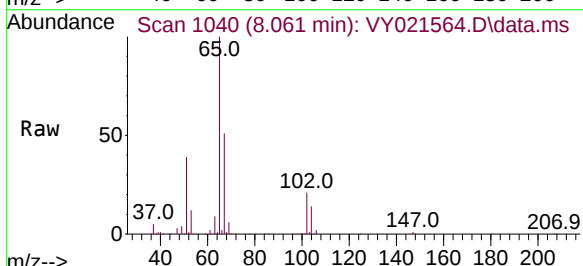
Acq: 19 Mar 2025 11:11

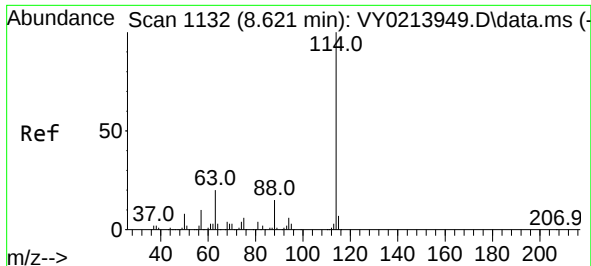
Tgt Ion: 65 Resp: 151297

Ion Ratio Lower Upper

65 100

67 51.3 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: VY021564.D

Acq: 19 Mar 2025 11:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBL01

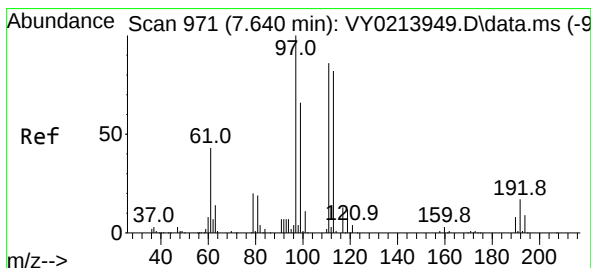
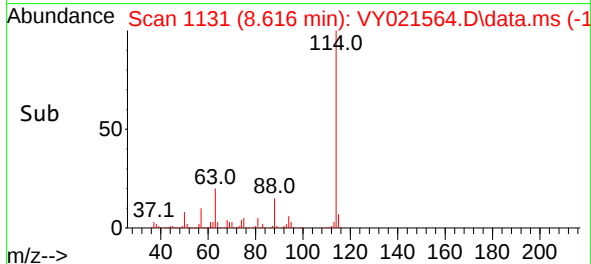
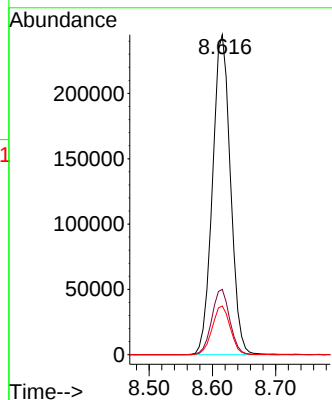
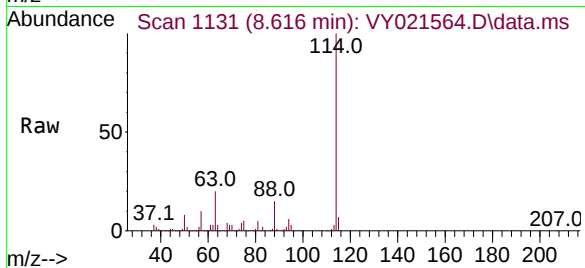
Tgt Ion:114 Resp: 482476

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

88 15.2 0.0 30.8



#35

Dibromofluoromethane

Concen: 50.297 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.006 min

Lab File: VY021564.D

Acq: 19 Mar 2025 11:11

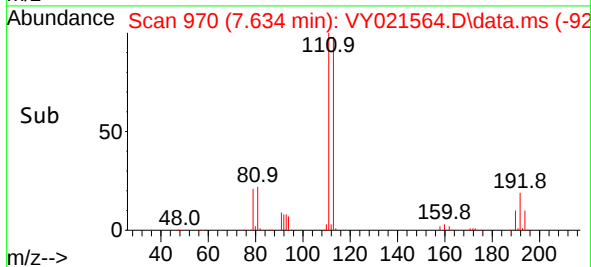
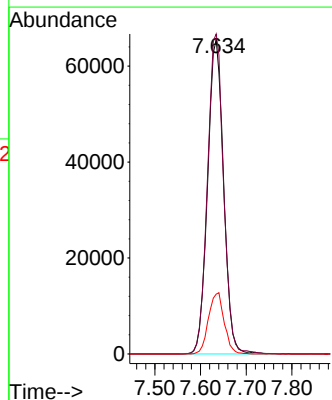
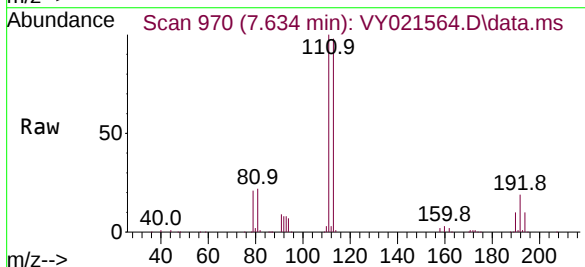
Tgt Ion:113 Resp: 159511

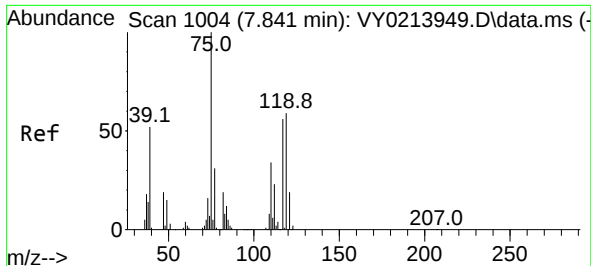
Ion Ratio Lower Upper

113 100

111 102.2 82.0 123.0

192 19.1 15.9 23.9

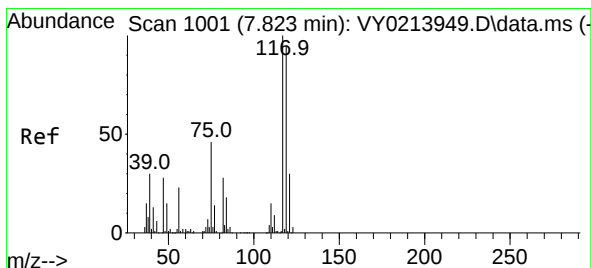
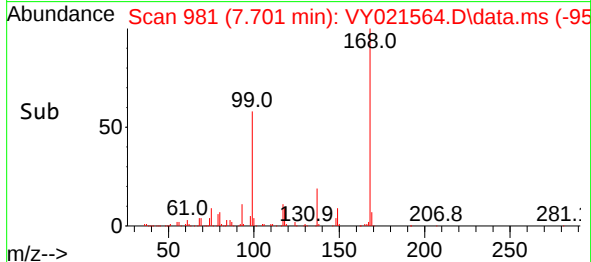
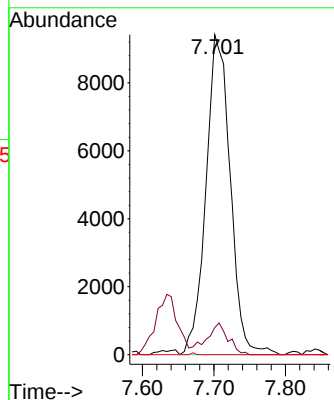
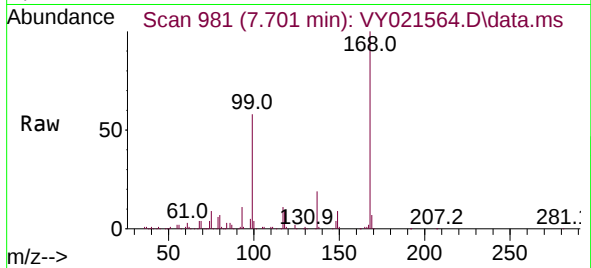




#36
 1,1-Dichloropropene
 Concen: 4.482 ug/l
 RT: 7.701 min Scan# 981
 Delta R.T. -0.140 min
 Lab File: VY021564.D
 Acq: 19 Mar 2025 11:11

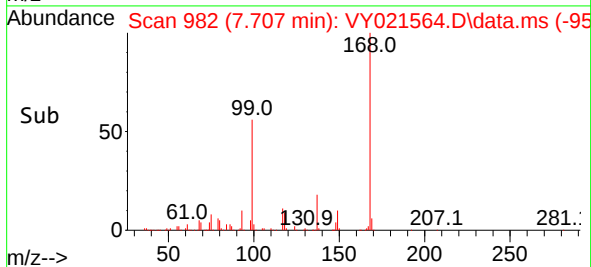
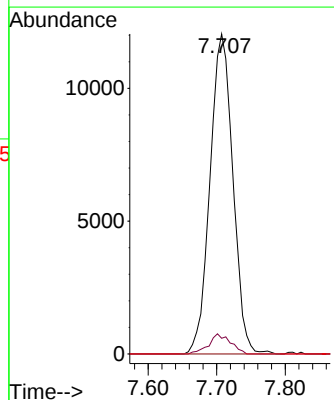
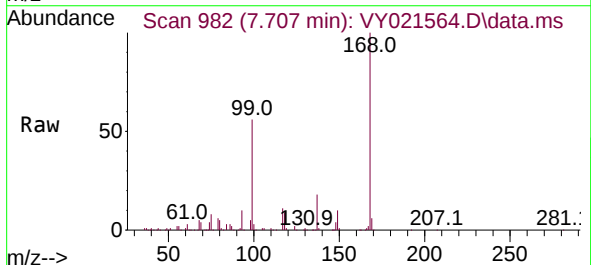
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBL01

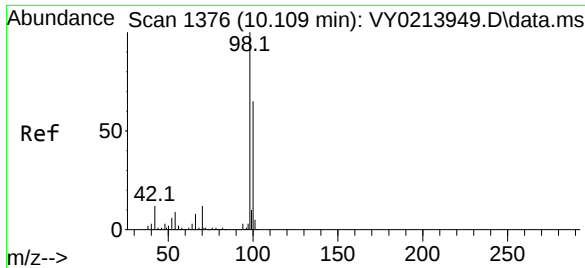
Tgt Ion: 75 Resp: 22252
 Ion Ratio Lower Upper
 75 100
 110 8.6 17.3 51.7#
 77 0.0 25.4 38.2#



#38
 Carbon Tetrachloride
 Concen: 4.896 ug/l
 RT: 7.707 min Scan# 982
 Delta R.T. -0.116 min
 Lab File: VY021564.D
 Acq: 19 Mar 2025 11:11

Tgt Ion: 117 Resp: 27953
 Ion Ratio Lower Upper
 117 100
 119 4.9 75.8 113.8#
 121 0.0 23.9 35.9#

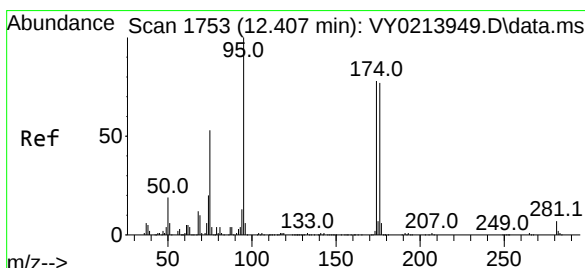
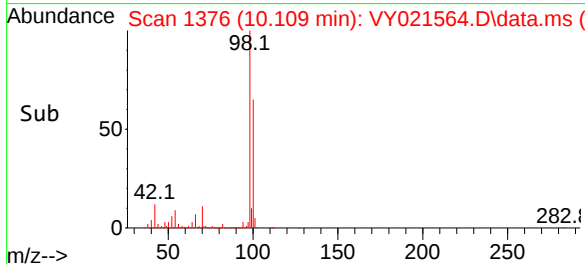
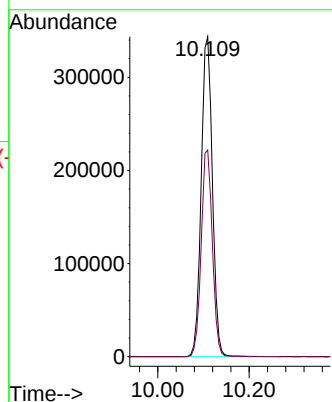
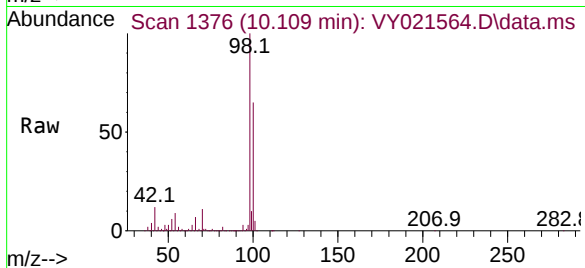




#50
Toluene-d8
Concen: 48.463 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021564.D
Acq: 19 Mar 2025 11:11

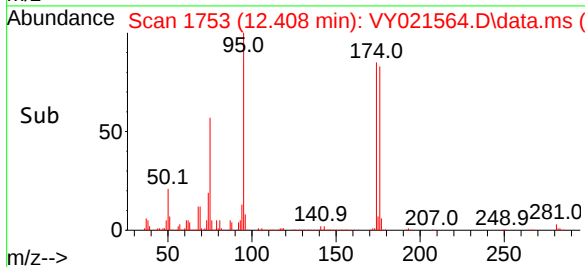
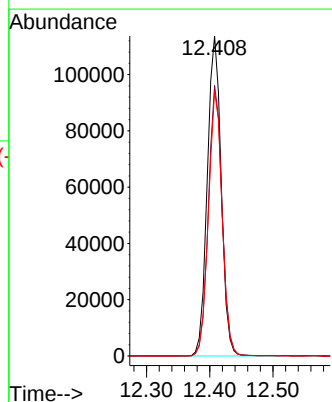
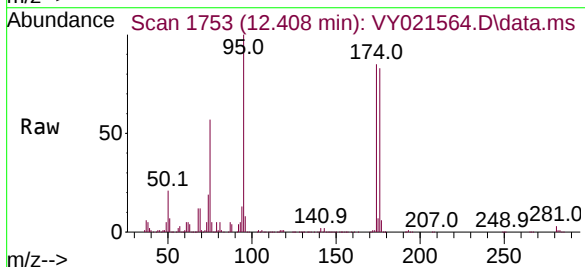
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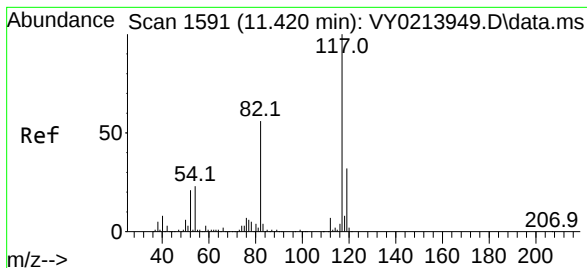
Tgt Ion: 98 Resp: 581939
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 42.448 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021564.D
Acq: 19 Mar 2025 11:11

Tgt Ion: 95 Resp: 173383
Ion Ratio Lower Upper
95 100
174 83.9 0.0 165.0
176 81.5 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: VY021564.D

Acq: 19 Mar 2025 11:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBL01

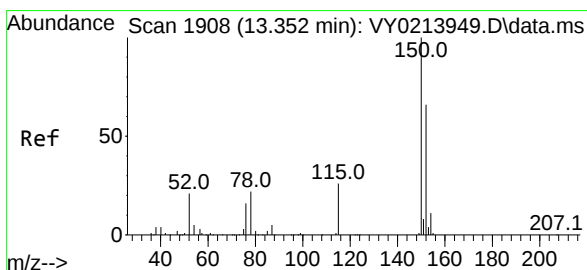
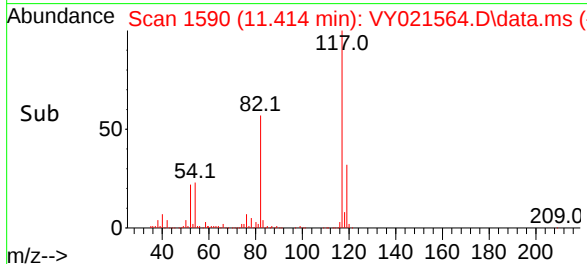
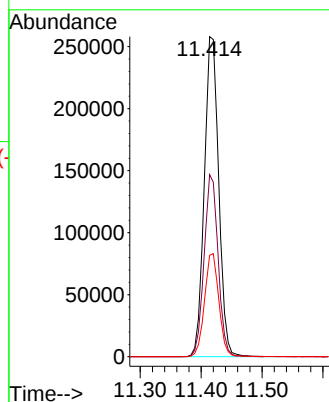
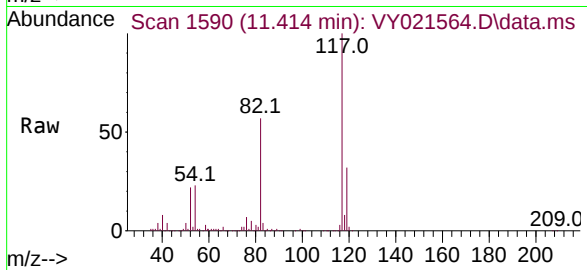
Tgt Ion:117 Resp: 423939

Ion Ratio Lower Upper

117 100

82 56.9 44.6 67.0

119 31.7 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY021564.D

Acq: 19 Mar 2025 11:11

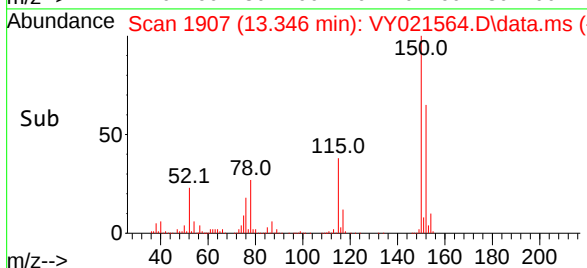
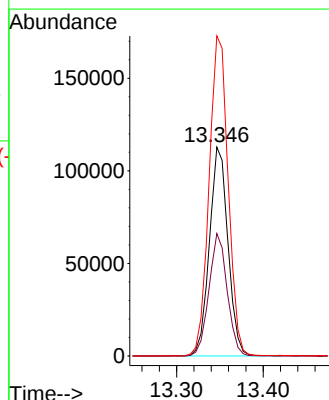
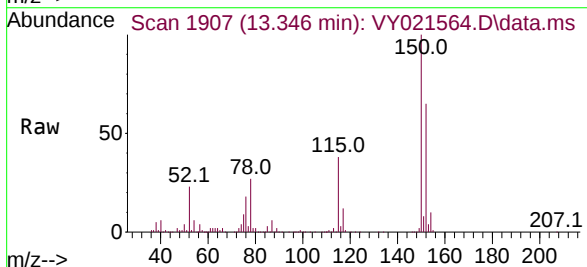
Tgt Ion:152 Resp: 167704

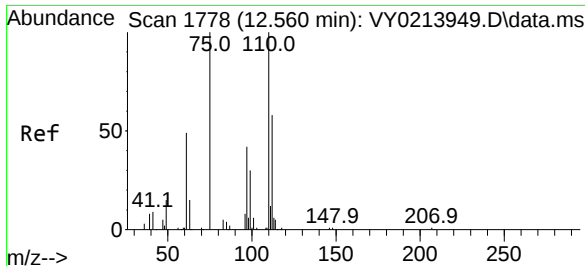
Ion Ratio Lower Upper

152 100

115 57.5 29.0 87.0

150 157.3 0.0 347.2

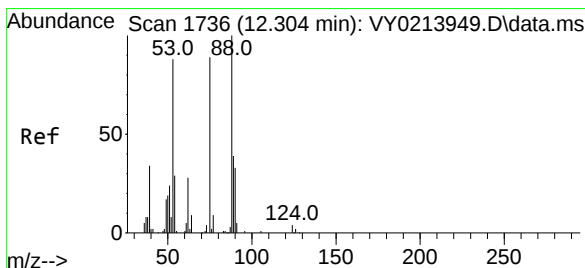
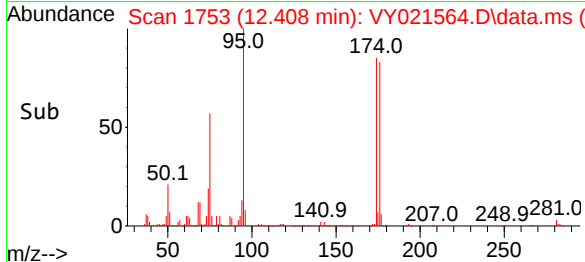
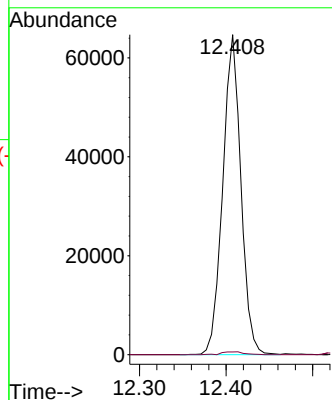
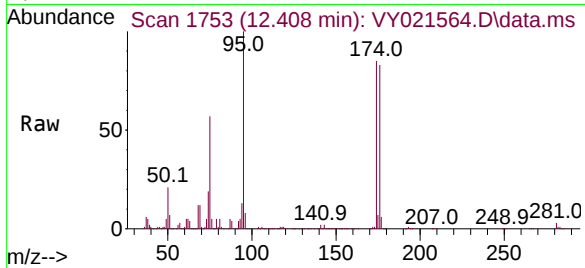




#76
1,2,3-Trichloropropane
Concen: 55.673 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY021564.D
Acq: 19 Mar 2025 11:11

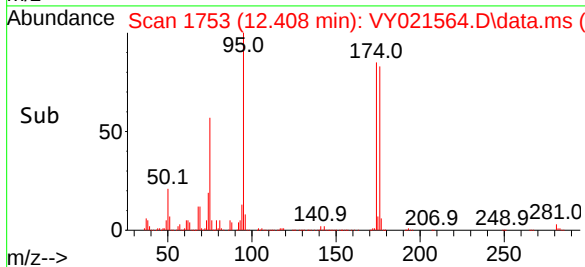
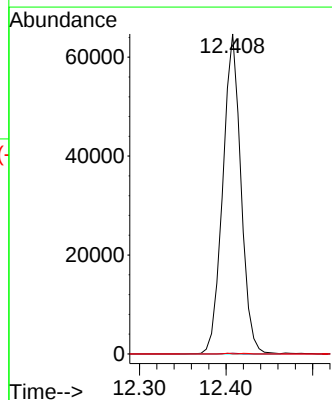
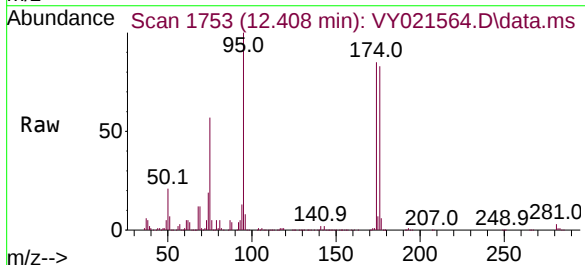
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBL01

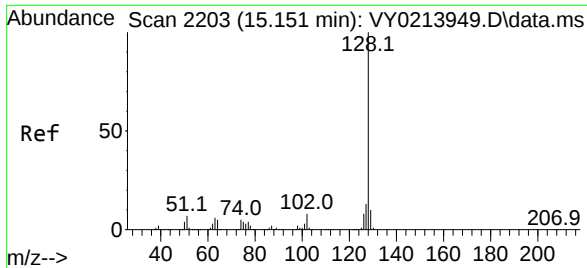
Tgt Ion: 75 Resp: 94083
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.562 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY021564.D
Acq: 19 Mar 2025 11:11

Tgt Ion: 75 Resp: 94083
Ion Ratio Lower Upper
75 100
53 0.2 81.0 121.4#
89 0.1 36.9 55.3#





#95

Naphthalene

Concen: 1.991 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY021564.D

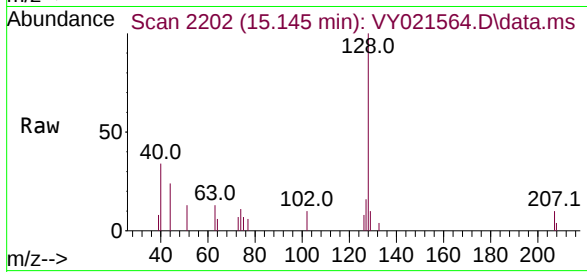
Acq: 19 Mar 2025 11:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBL01



Tgt Ion:128 Resp: 2463

Ion Ratio Lower Upper

128 100

127 12.6 10.6 15.8

129 14.3 8.6 13.0#

