

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031725\
 Data File : VY021544.D
 Acq On : 17 Mar 2025 10:39
 Operator : SY/MD
 Sample : VY0317SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 18 01:26:02 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	272314	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	493002	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	420924	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	158203	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	151236	52.545	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.100%
35) Dibromofluoromethane	7.634	113	162364	50.103	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.200%
50) Toluene-d8	10.109	98	591441	48.203	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.400%
62) 4-Bromofluorobenzene	12.408	95	171451	41.079	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.160%

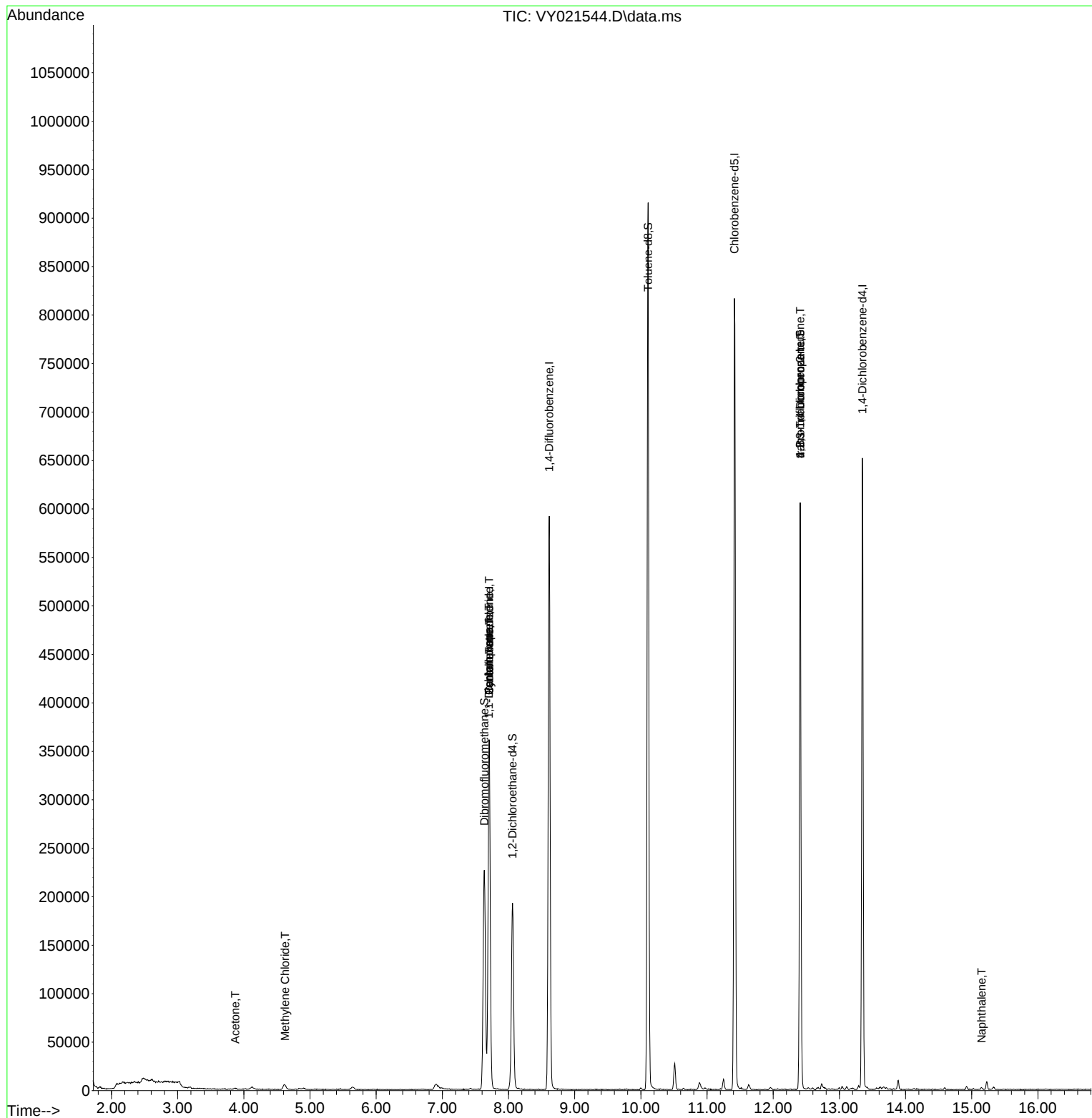
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.848	59	1371	Below Cal	#	72
16) Acetone	3.873	43	1734	2.762	ug/l #	84
20) Methylene Chloride	4.622	84	3414	1.036	ug/l #	87
31) Cyclohexane	7.707	56	6200	1.150	ug/l #	22
36) 1,1-Dichloropropene	7.701	75	21927	4.323	ug/l #	50
38) Carbon Tetrachloride	7.707	117	27588	4.729	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	91472	57.378	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	91472	130.439	ug/l #	9
95) Naphthalene	15.151	128	1834	1.877	ug/l	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031725\
Data File : VY021544.D
Acq On : 17 Mar 2025 10:39
Operator : SY/MD
Sample : VY0317SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Mar 18 01:26:02 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

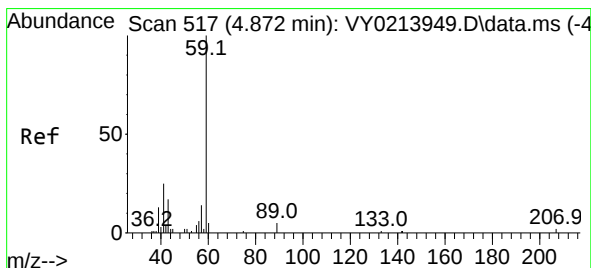
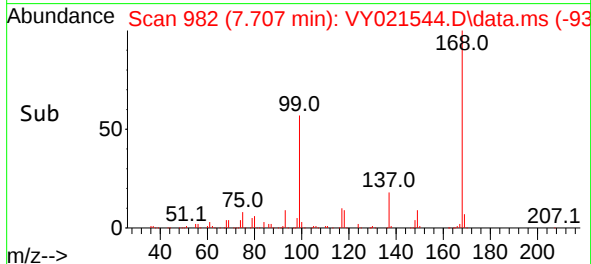
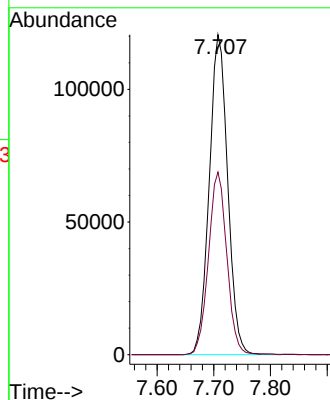
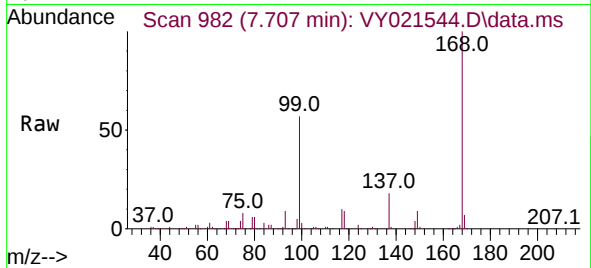




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021544.D
Acq: 17 Mar 2025 10:39

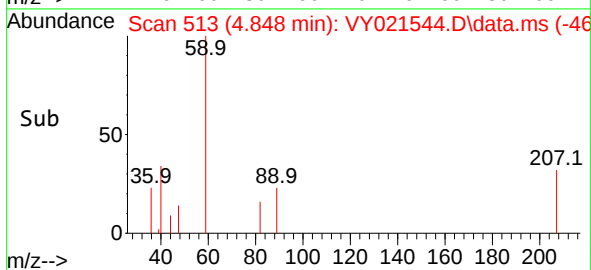
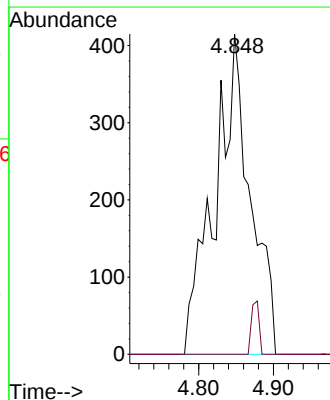
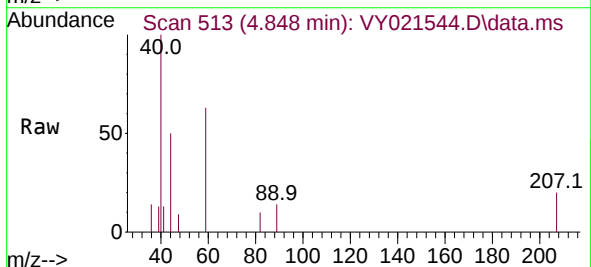
Instrument :
MSVOA_Y
ClientSampleId :

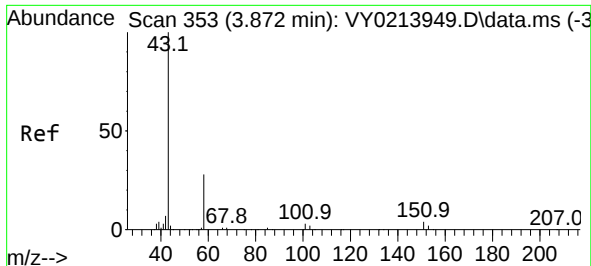
Tgt Ion:168 Resp: 272314
Ion Ratio Lower Upper
168 100
99 57.0 46.0 69.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.848 min Scan# 513
Delta R.T. -0.024 min
Lab File: VY021544.D
Acq: 17 Mar 2025 10:39

Tgt Ion: 59 Resp: 1371
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

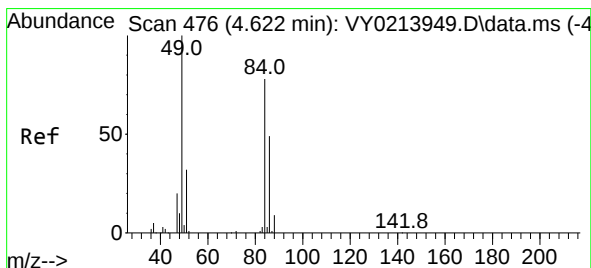
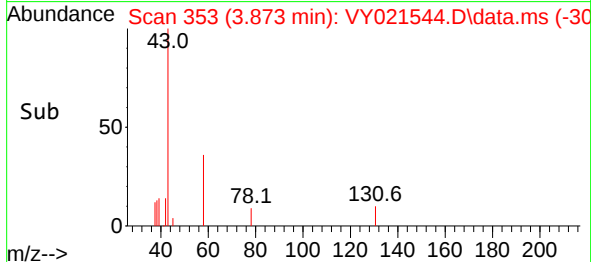
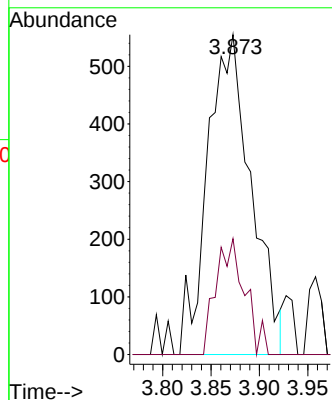
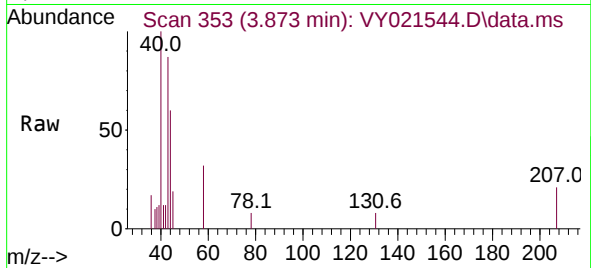




#16
Acetone
Concen: 2.762 ug/l
RT: 3.873 min Scan# 31
Delta R.T. 0.001 min
Lab File: VY021544.D
Acq: 17 Mar 2025 10:39

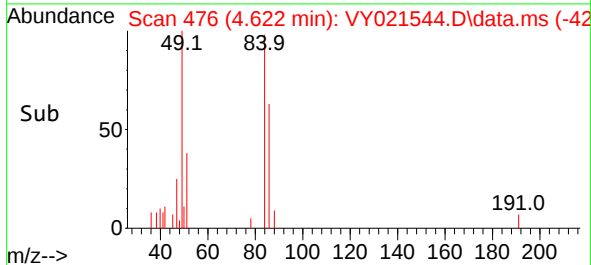
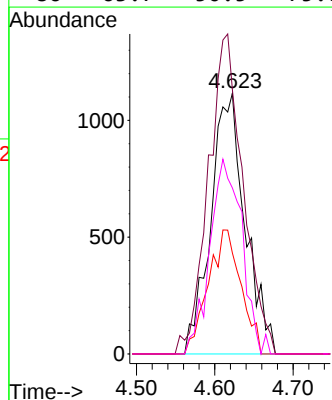
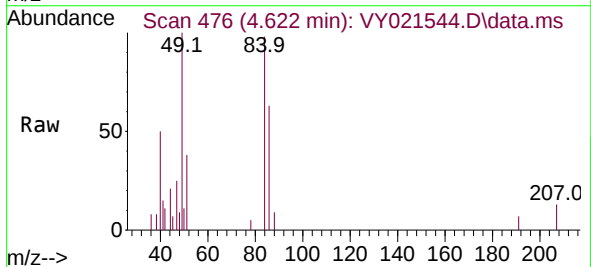
Instrument :
MSVOA_Y
ClientSampleId :

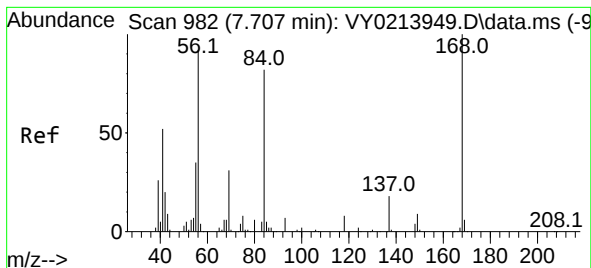
Tgt Ion: 43 Resp: 1734
Ion Ratio Lower Upper
43 100
58 36.2 22.1 33.1#



#20
Methylene Chloride
Concen: 1.036 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY021544.D
Acq: 17 Mar 2025 10:39

Tgt Ion: 84 Resp: 3414
Ion Ratio Lower Upper
84 100
49 101.5 102.0 153.0#
51 38.8 33.0 49.6
86 63.7 50.5 75.7





#31

Cyclohexane

Concen: 1.150 ug/l

RT: 7.707 min Scan# 9

Delta R.T. 0.000 min

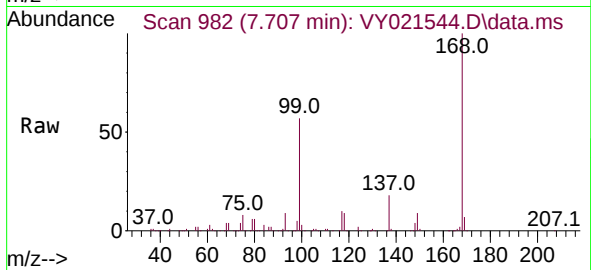
Lab File: VY021544.D

Acq: 17 Mar 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :



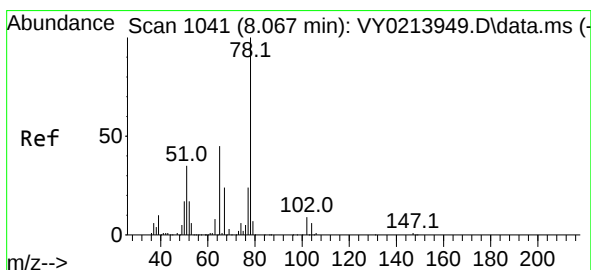
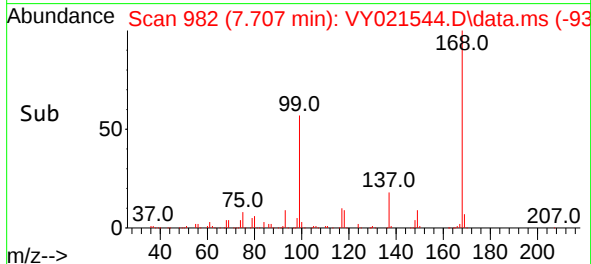
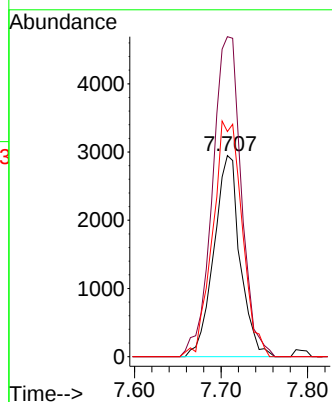
Tgt Ion: 56 Resp: 6200

Ion Ratio Lower Upper

56 100

69 159.1 27.0 40.4#

84 111.9 71.1 106.7#



#33

1,2-Dichloroethane-d4

Concen: 52.545 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VY021544.D

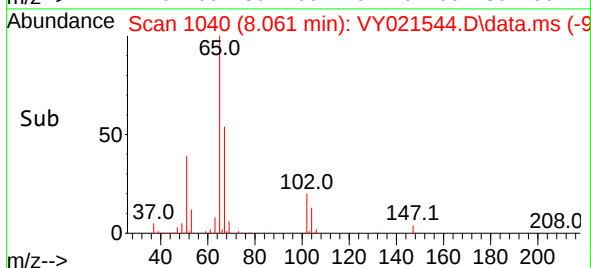
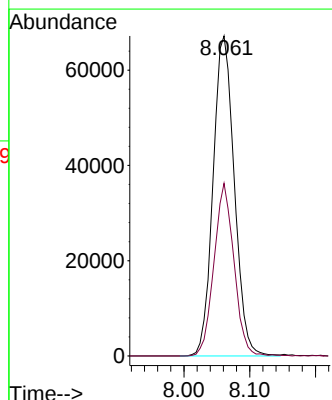
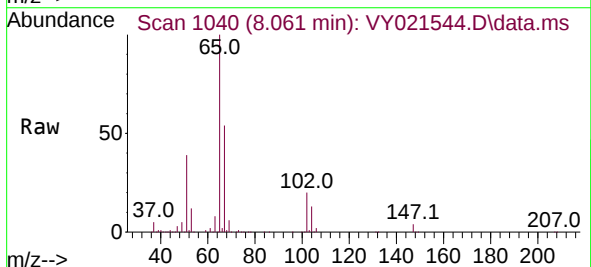
Acq: 17 Mar 2025 10:39

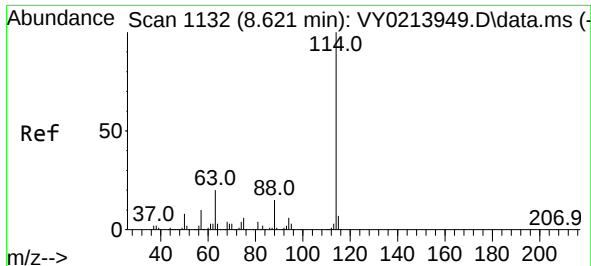
Tgt Ion: 65 Resp: 151236

Ion Ratio Lower Upper

65 100

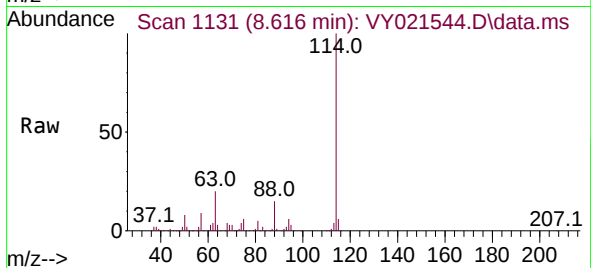
67 50.8 0.0 102.8



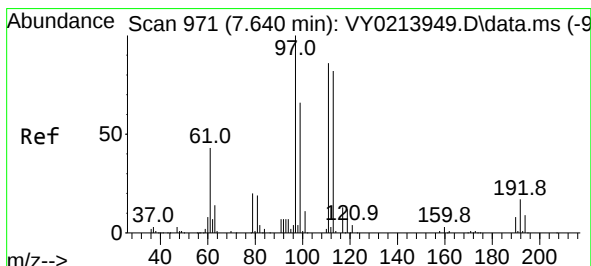
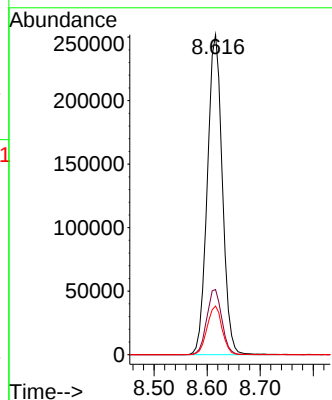
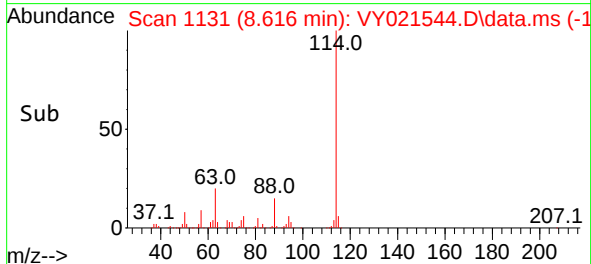


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021544.D
Acq: 17 Mar 2025 10:39

Instrument :
MSVOA_Y
ClientSampleId :

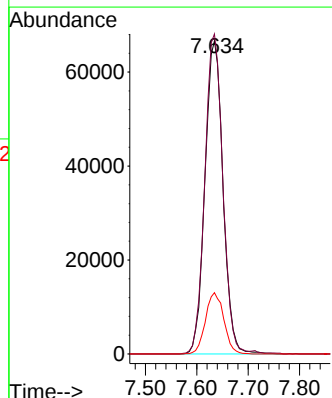
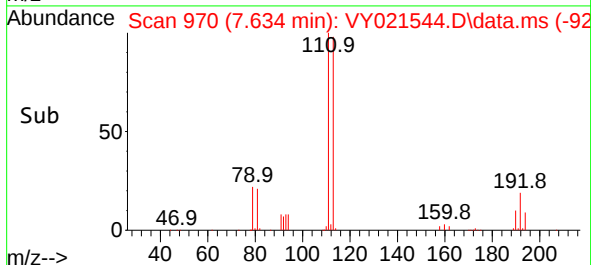
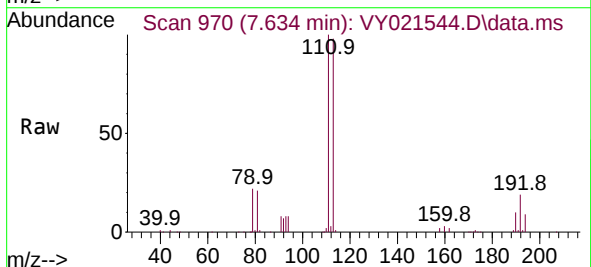


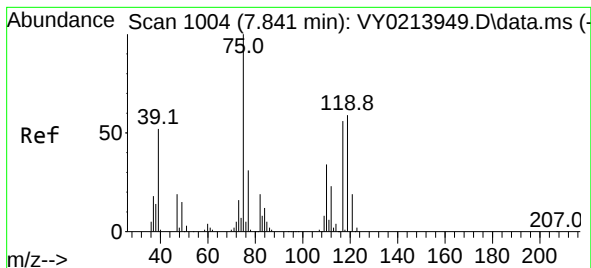
Tgt Ion:114 Resp: 493002
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 15.2 0.0 30.8



#35
Dibromofluoromethane
Concen: 50.103 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021544.D
Acq: 17 Mar 2025 10:39

Tgt Ion:113 Resp: 162364
Ion Ratio Lower Upper
113 100
111 102.3 82.0 123.0
192 19.9 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.323 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.140 min

Lab File: VY021544.D

Acq: 17 Mar 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

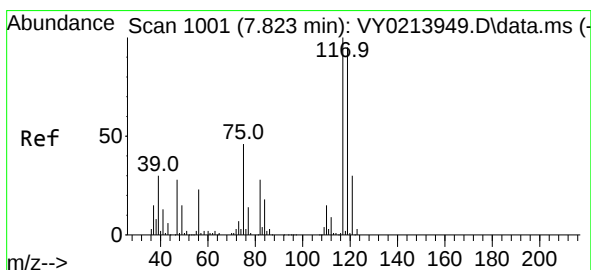
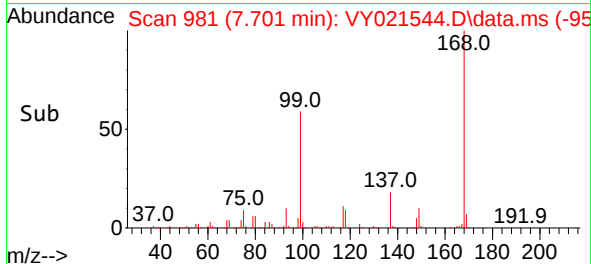
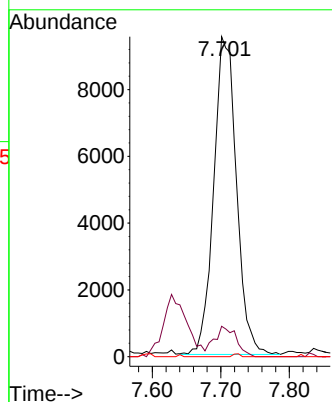
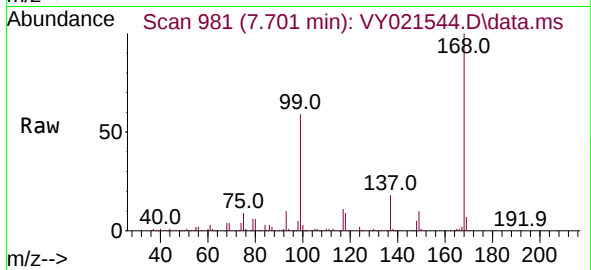
Tgt Ion: 75 Resp: 21927

Ion Ratio Lower Upper

75 100

110 9.1 17.3 51.7#

77 0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 4.729 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.115 min

Lab File: VY021544.D

Acq: 17 Mar 2025 10:39

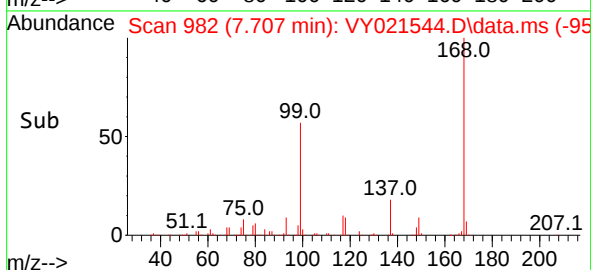
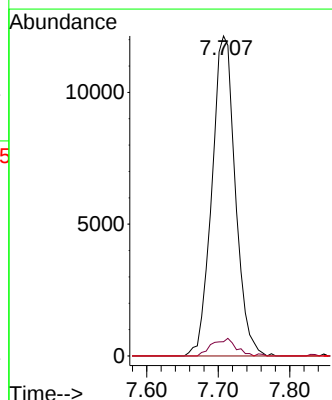
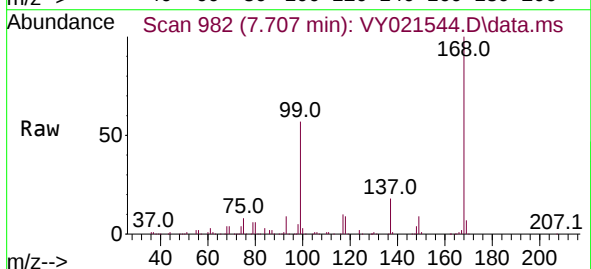
Tgt Ion: 117 Resp: 27588

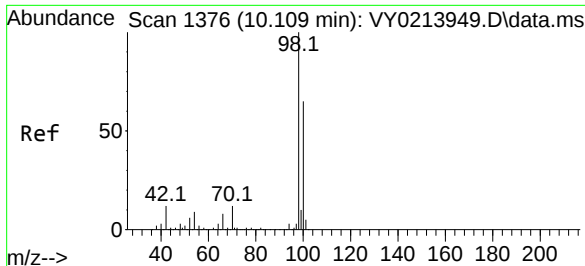
Ion Ratio Lower Upper

117 100

119 4.5 75.8 113.8#

121 0.0 23.9 35.9#

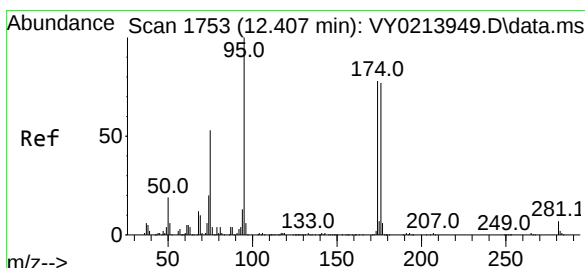
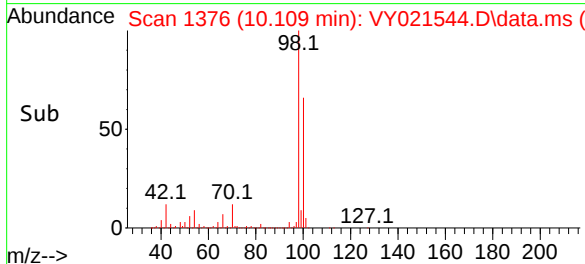
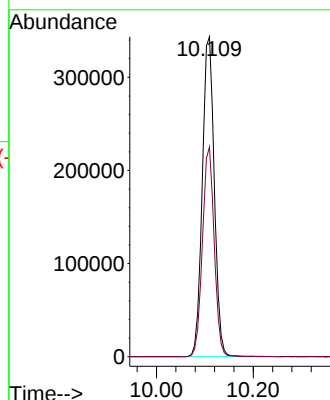
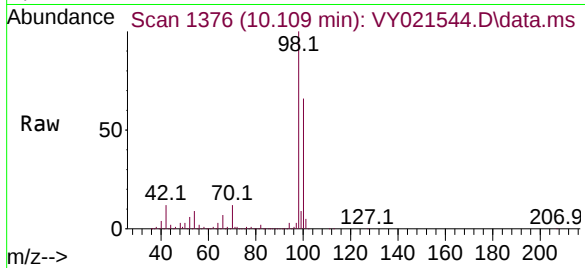




#50
Toluene-d8
Concen: 48.203 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021544.D
Acq: 17 Mar 2025 10:39

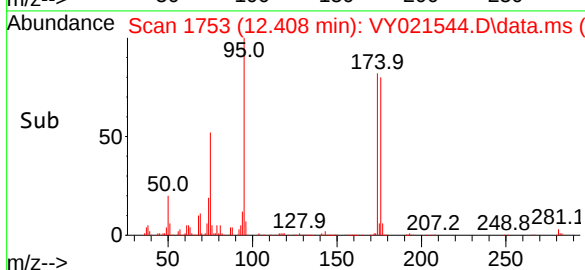
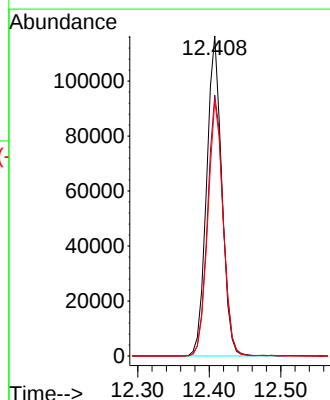
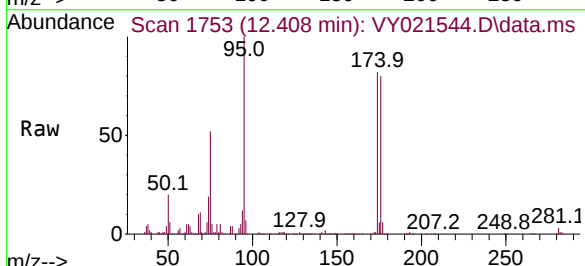
Instrument :
MSVOA_Y
ClientSampleId :

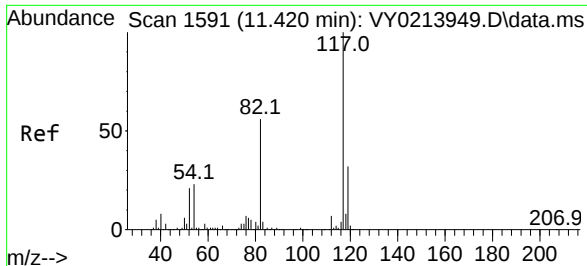
Tgt Ion: 98 Resp: 591441
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 41.079 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021544.D
Acq: 17 Mar 2025 10:39

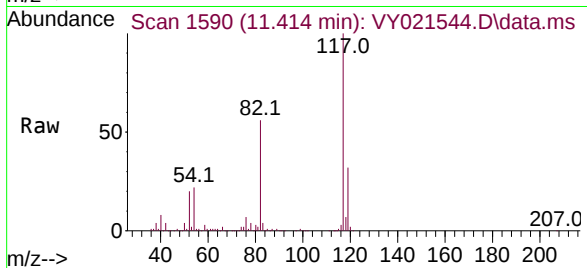
Tgt Ion: 95 Resp: 171451
Ion Ratio Lower Upper
95 100
174 83.5 0.0 165.0
176 80.3 0.0 160.0



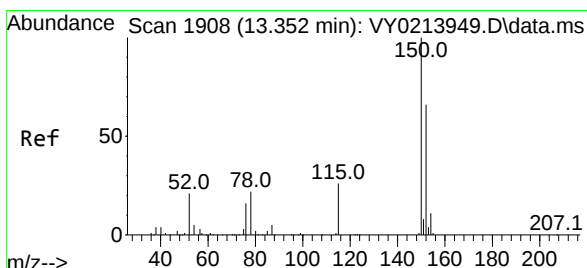
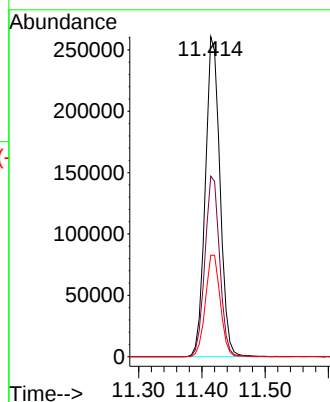
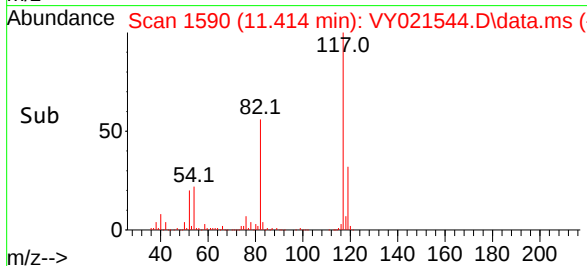


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021544.D
Acq: 17 Mar 2025 10:39

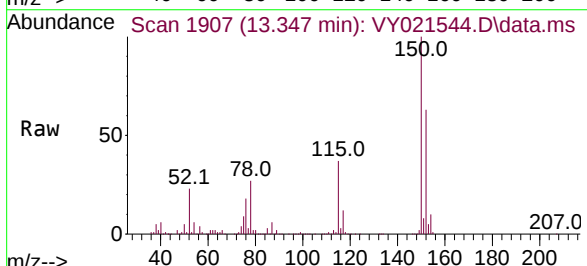
Instrument :
MSVOA_Y
ClientSampleId :



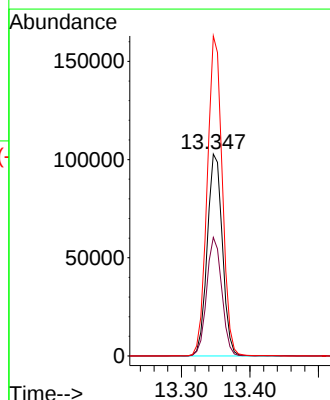
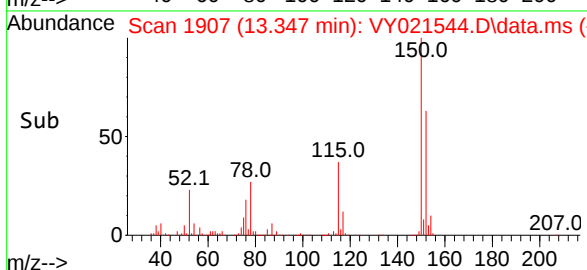
Tgt Ion:117 Resp: 420924
Ion Ratio Lower Upper
117 100
82 56.4 44.6 67.0
119 31.7 25.4 38.0

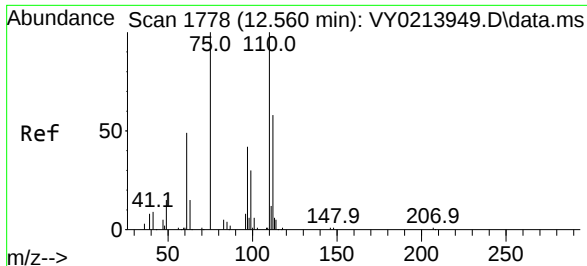


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021544.D
Acq: 17 Mar 2025 10:39



Tgt Ion:152 Resp: 158203
Ion Ratio Lower Upper
152 100
115 58.7 29.0 87.0
150 157.5 0.0 347.2

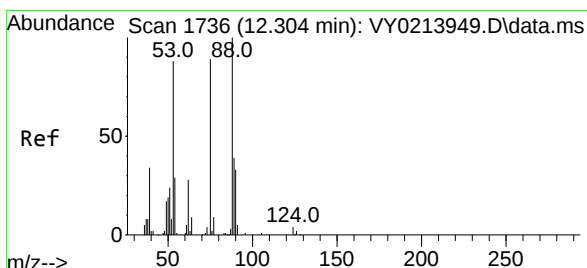
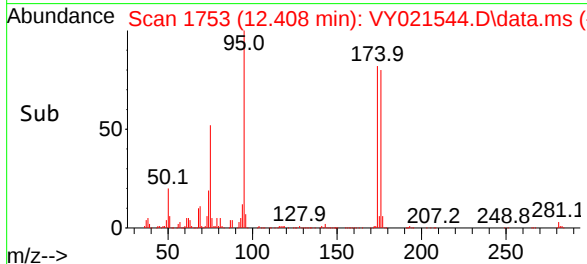
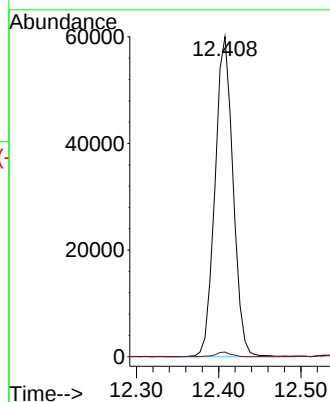
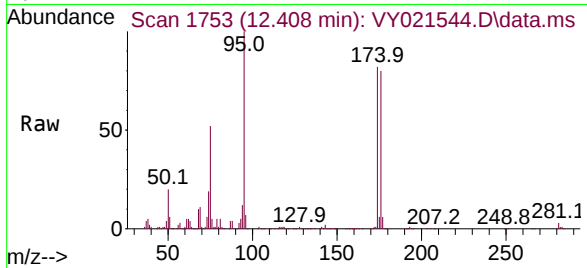




#76
 1,2,3-Trichloropropane
 Concen: 57.378 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.152 min
 Lab File: VY021544.D
 Acq: 17 Mar 2025 10:39

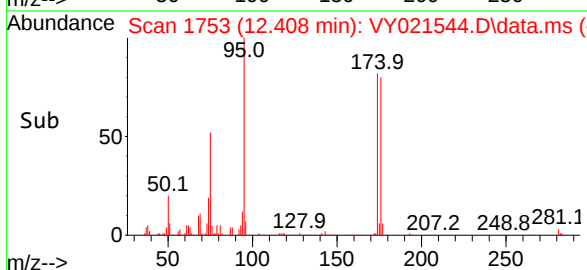
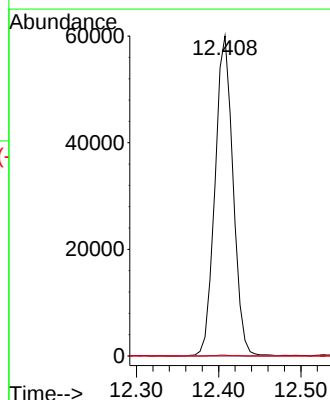
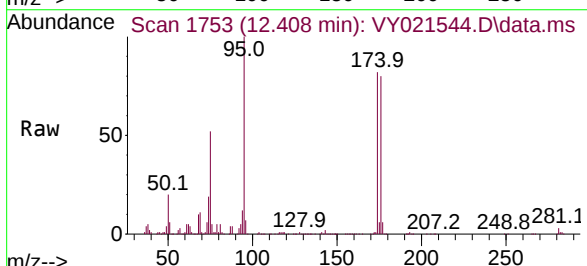
Instrument :
 MSVOA_Y
 ClientSampleId :

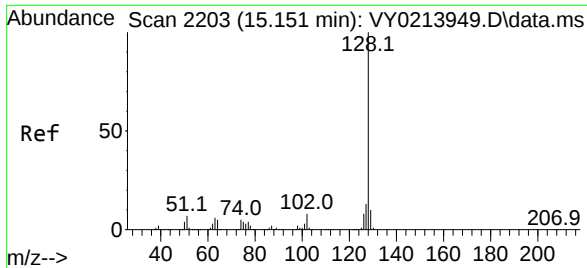
Tgt Ion: 75 Resp: 91472
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 130.439 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. 0.104 min
 Lab File: VY021544.D
 Acq: 17 Mar 2025 10:39

Tgt Ion: 75 Resp: 91472
 Ion Ratio Lower Upper
 75 100
 53 0.2 81.0 121.4#
 89 0.1 36.9 55.3#





#95

Naphthalene

Concen: 1.877 ug/l

RT: 15.151 min Scan# 21

Delta R.T. 0.000 min

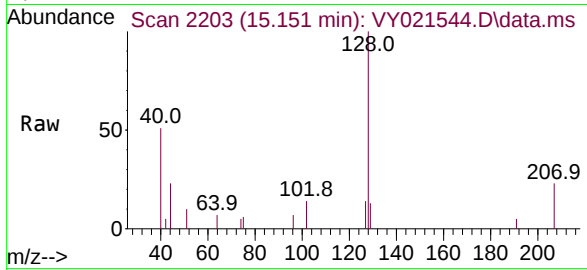
Lab File: VY021544.D

Acq: 17 Mar 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:128 Resp: 1834

Ion Ratio Lower Upper

128 100

127 11.9 10.6 15.8

129 10.3 8.6 13.0

