

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120924\
 Data File : VY020549.D
 Acq On : 09 Dec 2024 12:37
 Operator : SY/MD
 Sample : P5105-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 10 03:59:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

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

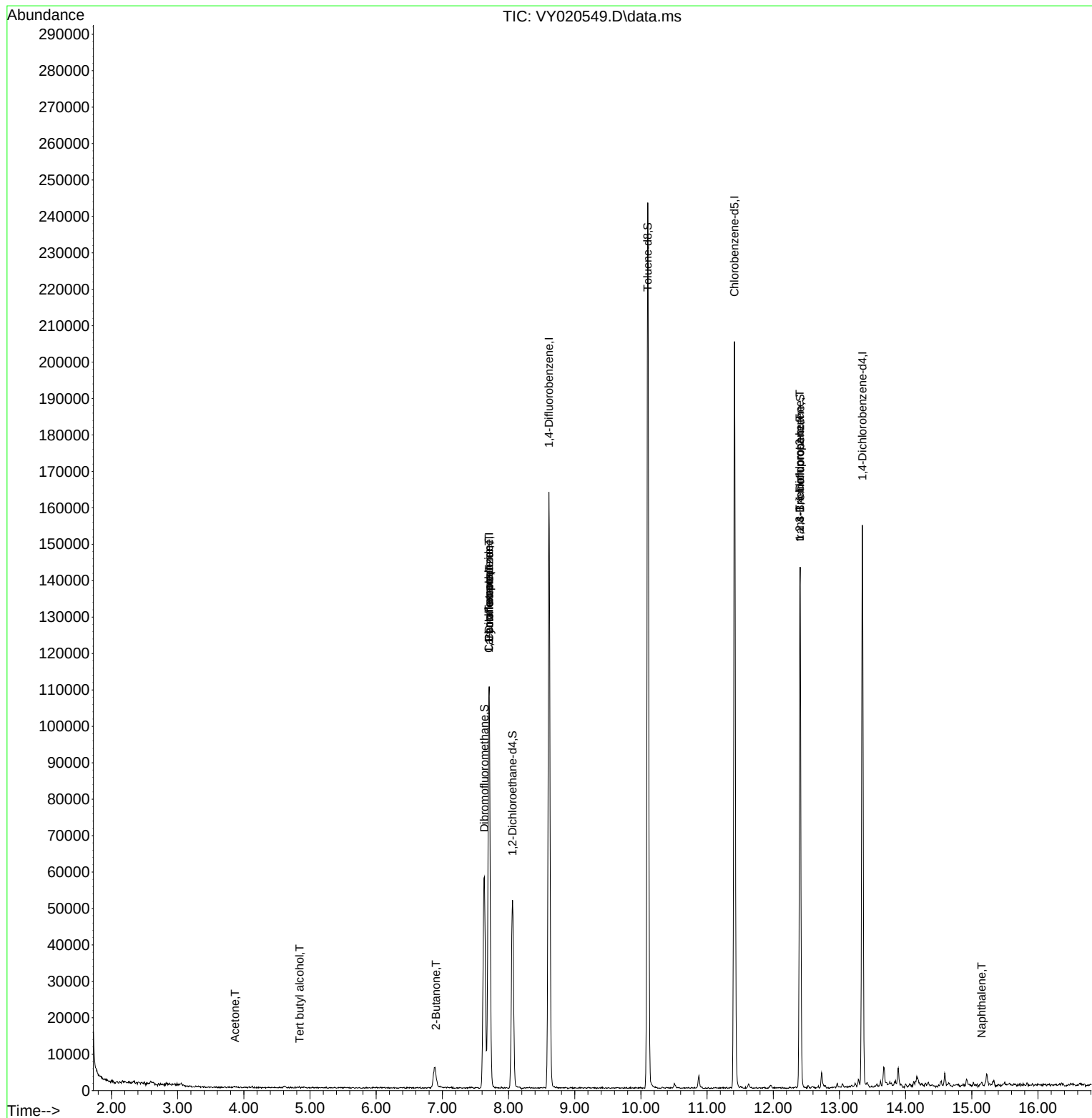
Internal Standards						
1) Pentafluorobenzene	7.707	168	84325	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.610	114	136693	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.414	117	106901	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	38478	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	43470	50.688	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.380%
35) Dibromofluoromethane	7.634	113	42214	49.055	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.100%
50) Toluene-d8	10.103	98	159091	48.550	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.100%
62) 4-Bromofluorobenzene	12.408	95	44181	38.551	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	77.100%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.842	59	353	6.345	ug/l #	73
16) Acetone	3.866	43	698	3.273	ug/l	92
25) 2-Butanone	6.903	43	440	1.634	ug/l #	50
31) Cyclohexane	7.707	56	1865	1.104	ug/l #	1
36) 1,1-Dichloropropene	7.701	75	6596	4.539	ug/l #	53
38) Carbon Tetrachloride	7.701	117	8896	5.129	ug/l #	15
76) 1,2,3-Trichloropropane	12.402	75	23306	59.459	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	23306	122.000	ug/l #	9
95) Naphthalene	15.151	128	1168	1.018	ug/l #	94

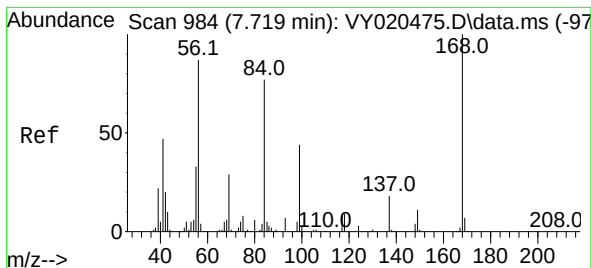
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 03 01:39:23 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. -0.012 min

Lab File: VY020549.D

Acq: 09 Dec 2024 12:37

Instrument :

MSVOA_Y

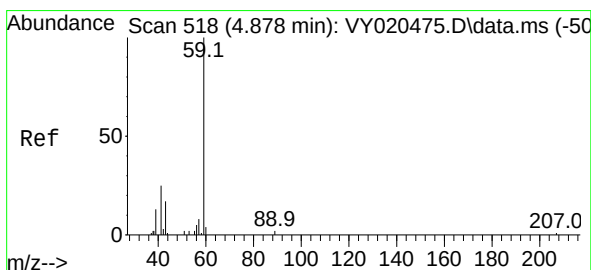
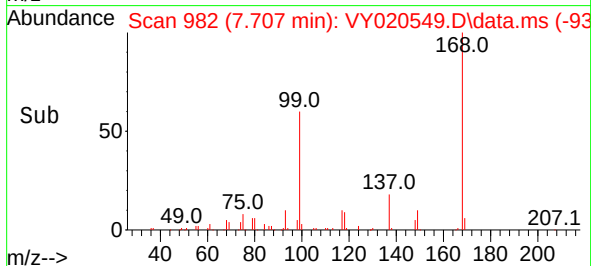
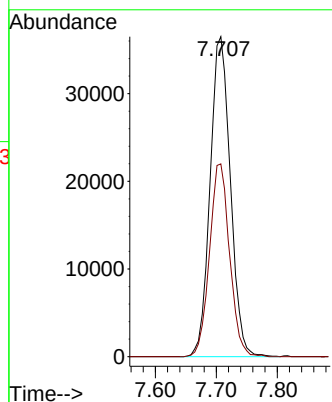
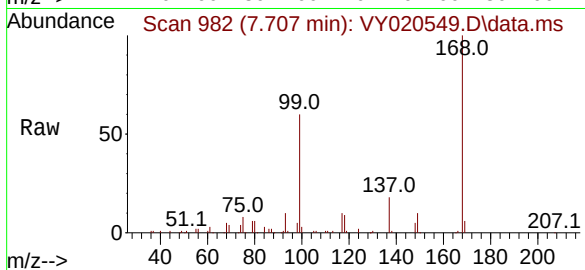
ClientSampleId :

Tgt Ion:168 Resp: 84325

Ion Ratio Lower Upper

168 100

99 60.3 46.6 69.8



#11

Tert butyl alcohol

Concen: 6.345 ug/l

RT: 4.842 min Scan# 512

Delta R.T. -0.037 min

Lab File: VY020549.D

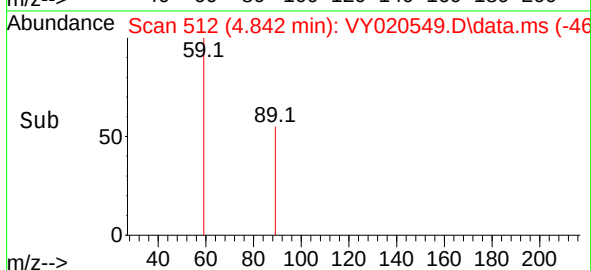
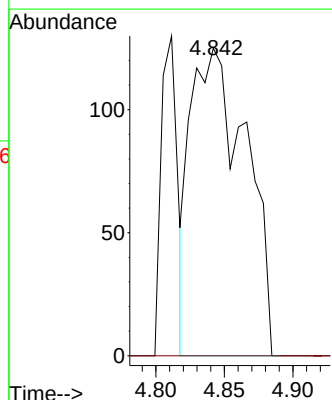
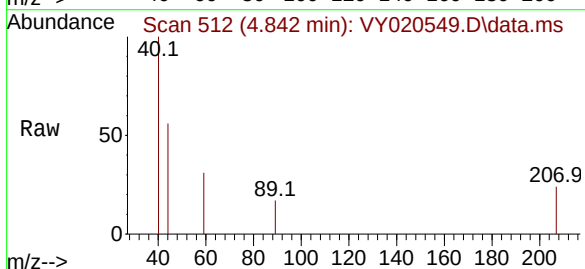
Acq: 09 Dec 2024 12:37

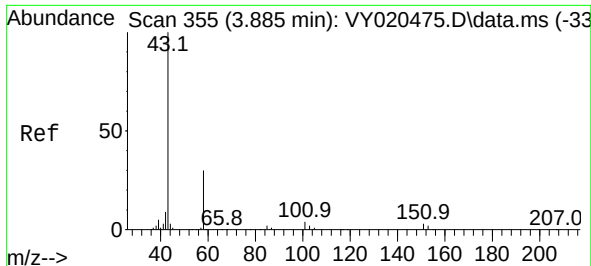
Tgt Ion: 59 Resp: 353

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#





#16

Acetone

Concen: 3.273 ug/l

RT: 3.866 min Scan# 352

Delta R.T. -0.018 min

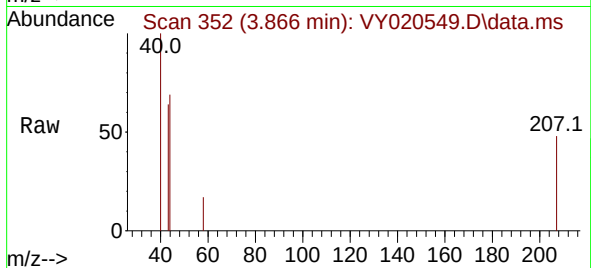
Lab File: VY020549.D

Acq: 09 Dec 2024 12:37

Instrument :

MSVOA_Y

ClientSampleId :

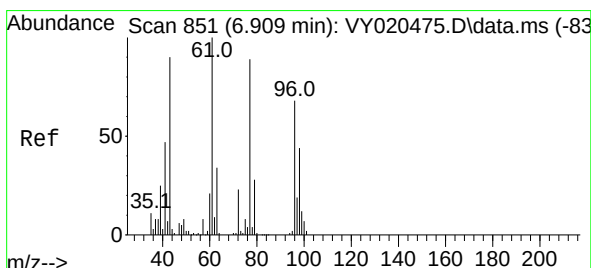
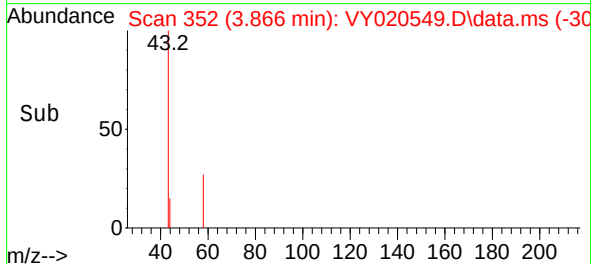
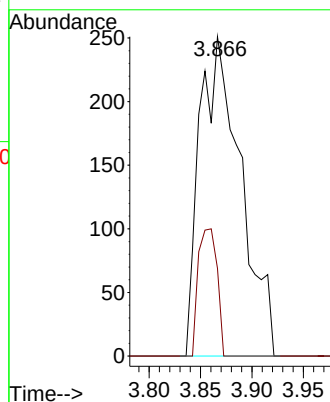


Tgt Ion: 43 Resp: 698

Ion Ratio Lower Upper

43 100

58 27.5 25.7 38.5



#25

2-Butanone

Concen: 1.634 ug/l

RT: 6.903 min Scan# 850

Delta R.T. -0.006 min

Lab File: VY020549.D

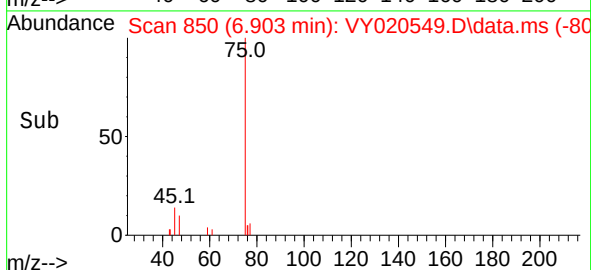
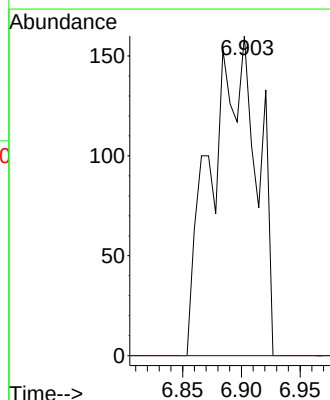
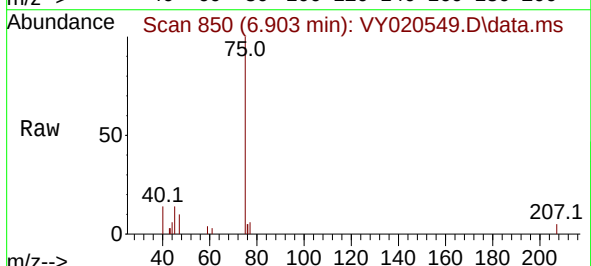
Acq: 09 Dec 2024 12:37

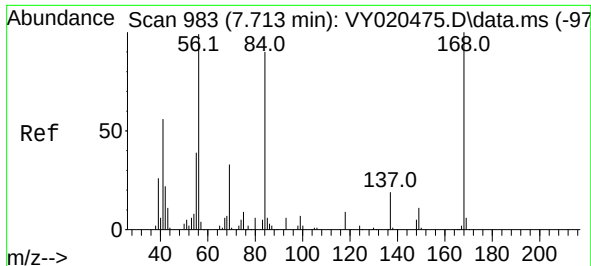
Tgt Ion: 43 Resp: 440

Ion Ratio Lower Upper

43 100

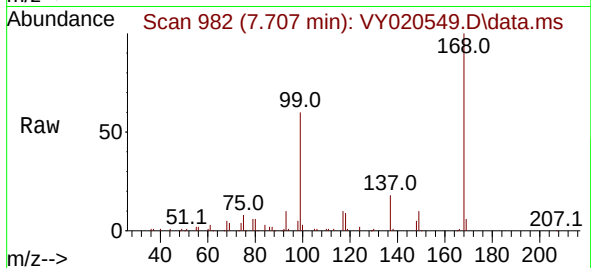
72 0.0 20.4 30.6#



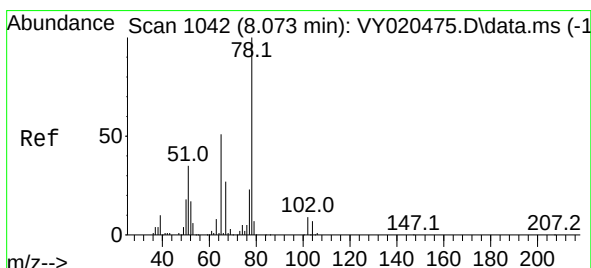
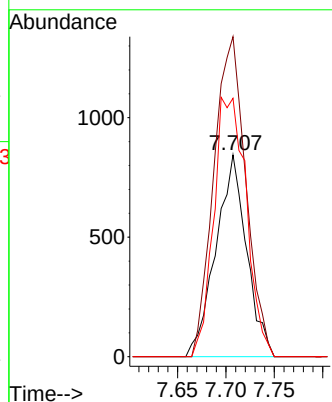
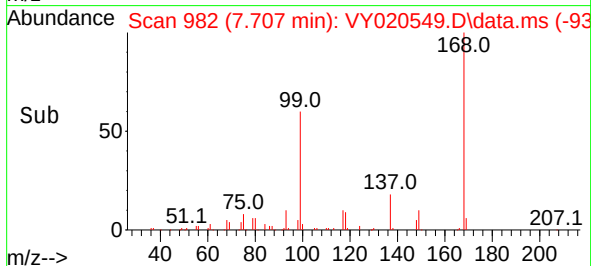


#31
Cyclohexane
Concen: 1.104 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020549.D
Acq: 09 Dec 2024 12:37

Instrument :
MSVOA_Y
ClientSampleId :

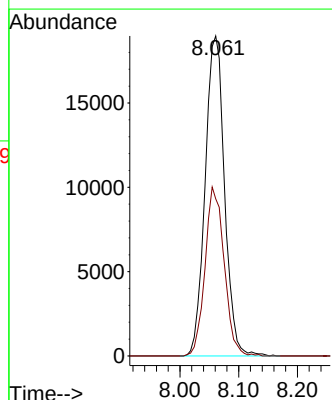
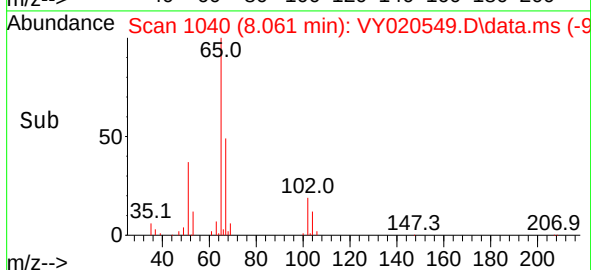
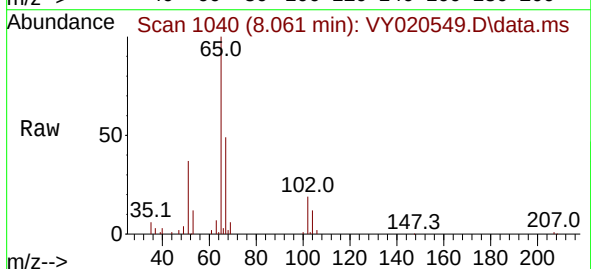


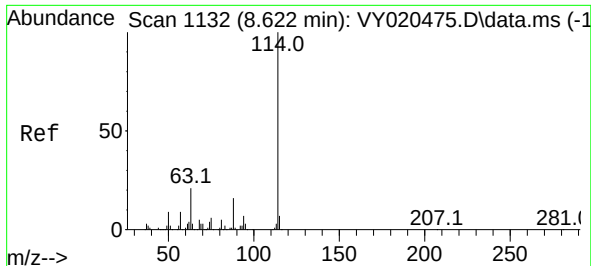
Tgt Ion: 56 Resp: 1865
Ion Ratio Lower Upper
56 100
69 158.6 25.3 37.9#
84 128.1 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 50.688 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VY020549.D
Acq: 09 Dec 2024 12:37

Tgt Ion: 65 Resp: 43470
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1132

Delta R.T. -0.012 min

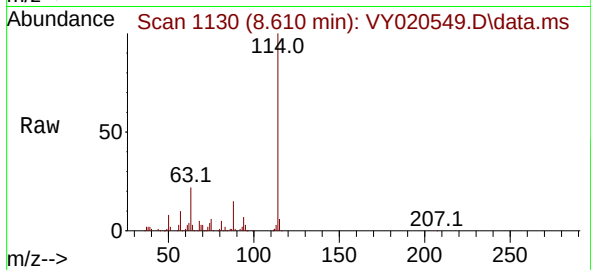
Lab File: VY020549.D

Acq: 09 Dec 2024 12:37

Instrument :

MSVOA_Y

ClientSampleId :



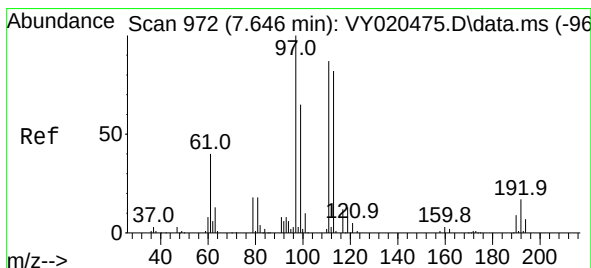
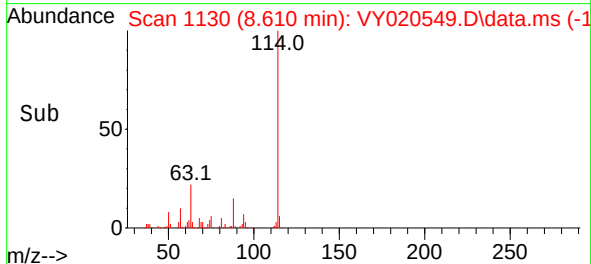
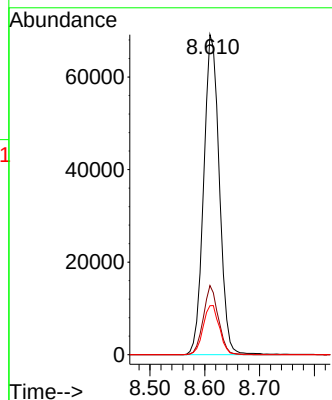
Tgt Ion:114 Resp: 136693

Ion Ratio Lower Upper

114 100

63 21.6 0.0 44.8

88 15.3 0.0 32.0



#35

Dibromofluoromethane

Concen: 49.055 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.012 min

Lab File: VY020549.D

Acq: 09 Dec 2024 12:37

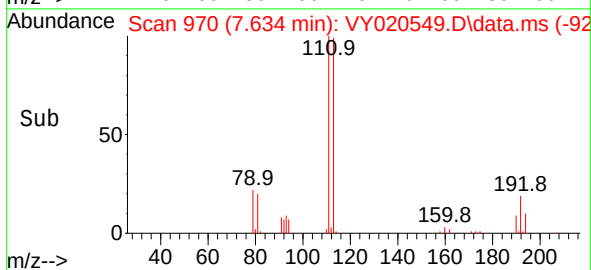
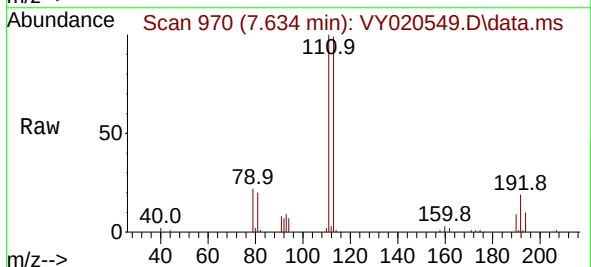
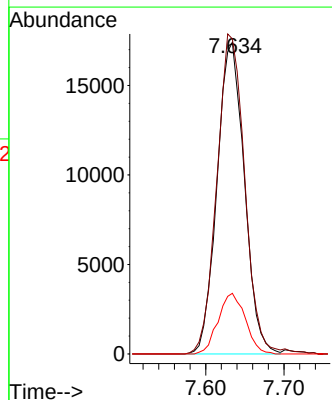
Tgt Ion:113 Resp: 42214

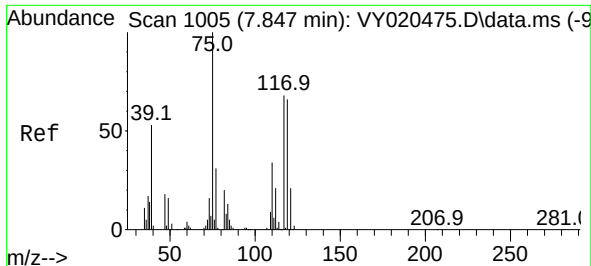
Ion Ratio Lower Upper

113 100

111 104.8 81.4 122.0

192 19.4 15.1 22.7





#36

1,1-Dichloropropene

Concen: 4.539 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.146 min

Lab File: VY020549.D

Acq: 09 Dec 2024 12:37

Instrument :

MSVOA_Y

ClientSampleId :

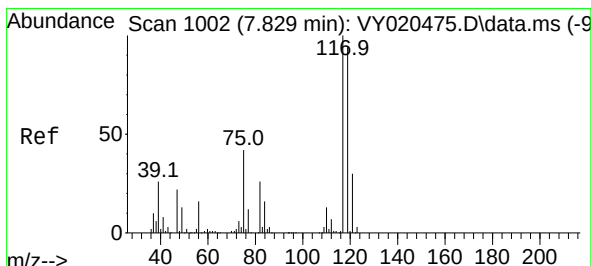
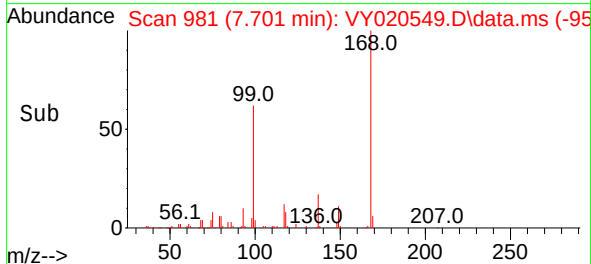
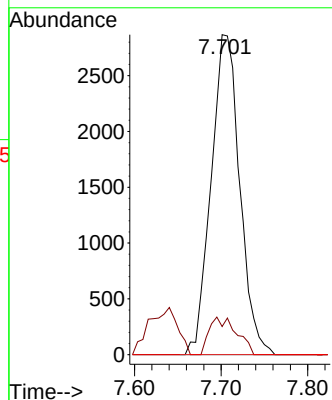
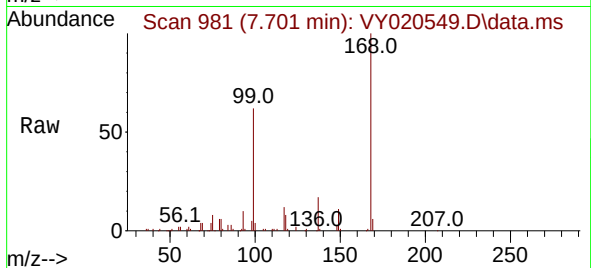
Tgt Ion: 75 Resp: 6596

Ion Ratio Lower Upper

75 100

110 11.2 16.7 50.0#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 5.129 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.128 min

Lab File: VY020549.D

Acq: 09 Dec 2024 12:37

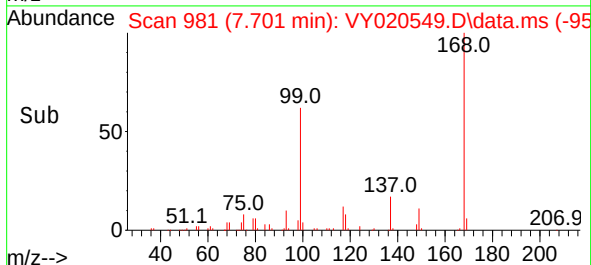
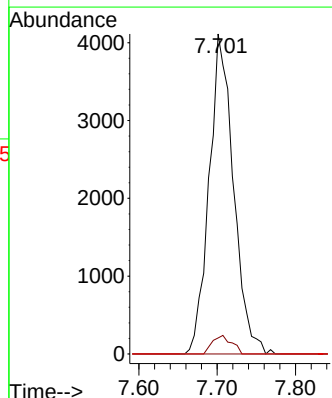
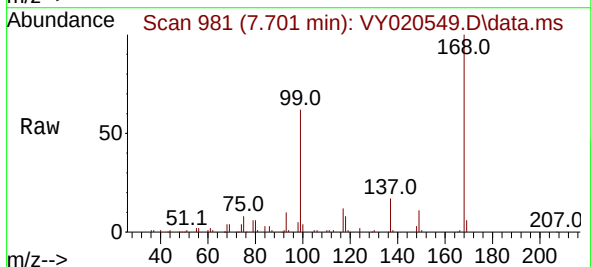
Tgt Ion: 117 Resp: 8896

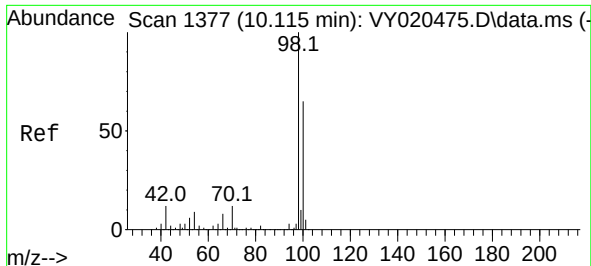
Ion Ratio Lower Upper

117 100

119 5.0 77.8 116.6#

121 0.0 24.6 37.0#

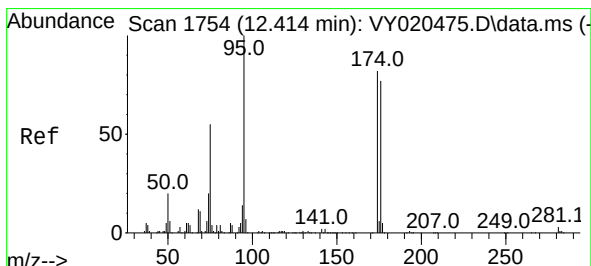
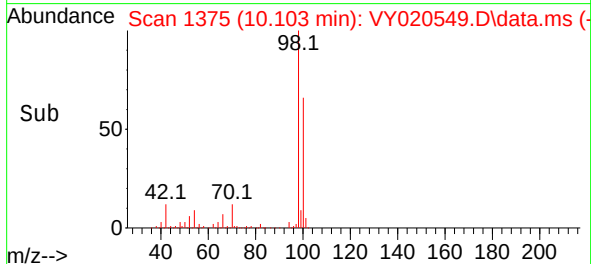
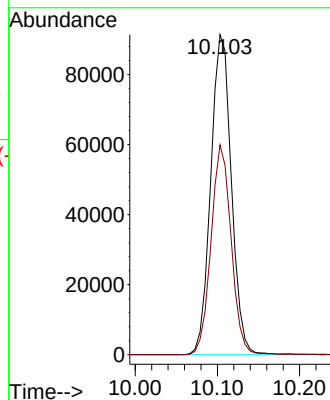
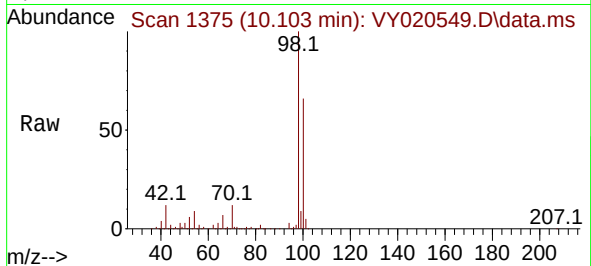




#50
Toluene-d8
Concen: 48.550 ug/l
RT: 10.103 min Scan# 14
Delta R.T. -0.012 min
Lab File: VY020549.D
Acq: 09 Dec 2024 12:37

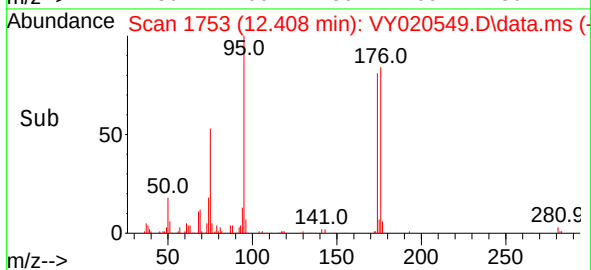
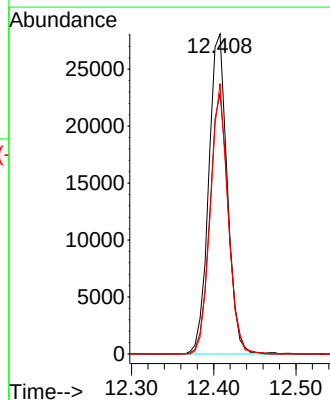
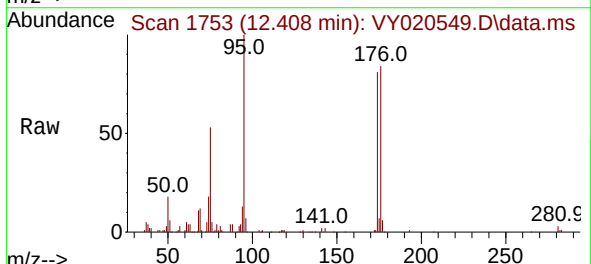
Instrument :
MSVOA_Y
ClientSampleId :

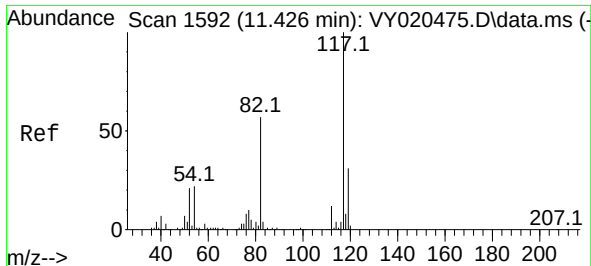
Tgt Ion: 98 Resp: 159091
Ion Ratio Lower Upper
98 100
100 64.0 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 38.551 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY020549.D
Acq: 09 Dec 2024 12:37

Tgt Ion: 95 Resp: 44181
Ion Ratio Lower Upper
95 100
174 81.1 0.0 156.8
176 79.4 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY020549.D

Acq: 09 Dec 2024 12:37

Instrument :

MSVOA_Y

ClientSampleId :

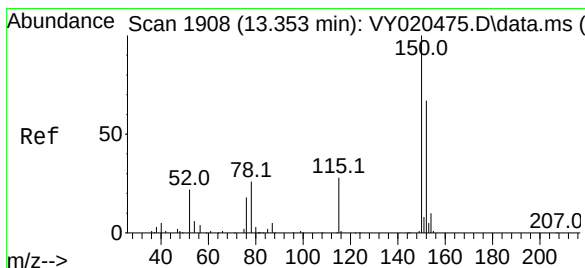
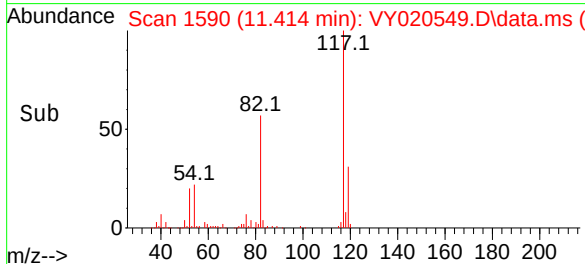
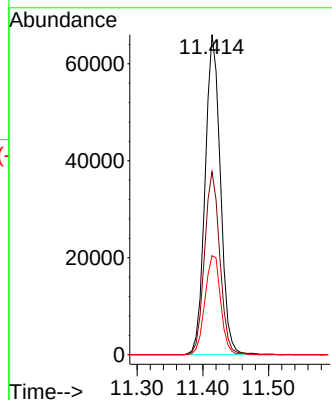
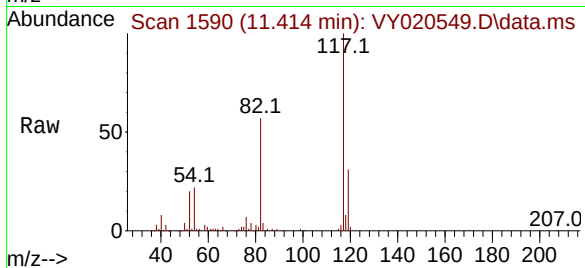
Tgt Ion:117 Resp: 106901

Ion Ratio Lower Upper

117 100

82 57.2 48.2 72.4

119 31.0 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY020549.D

Acq: 09 Dec 2024 12:37

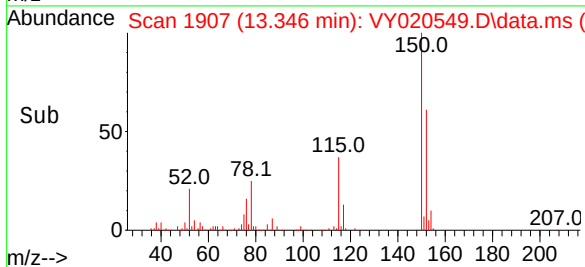
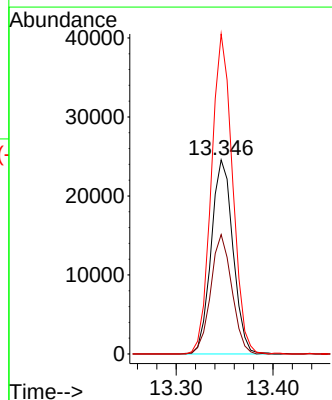
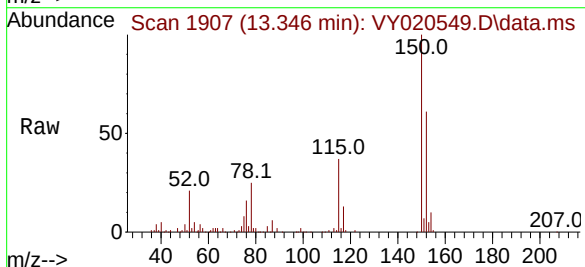
Tgt Ion:152 Resp: 38478

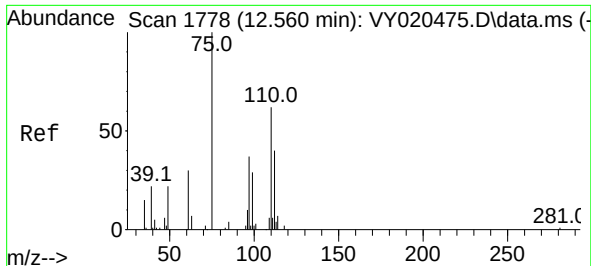
Ion Ratio Lower Upper

152 100

115 59.6 30.0 90.0

150 160.1 0.0 348.2

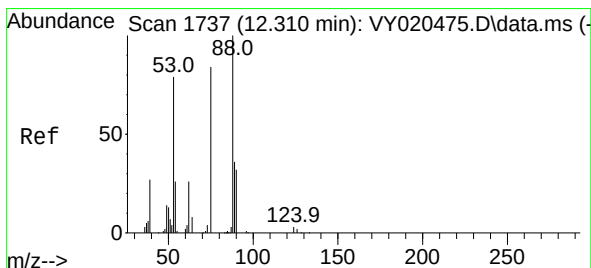
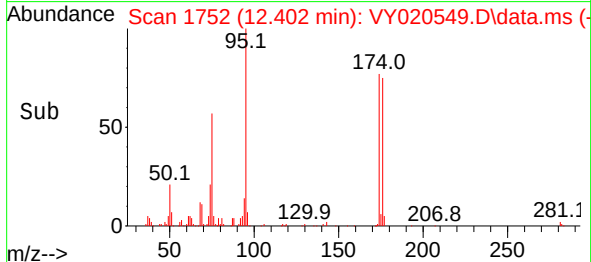
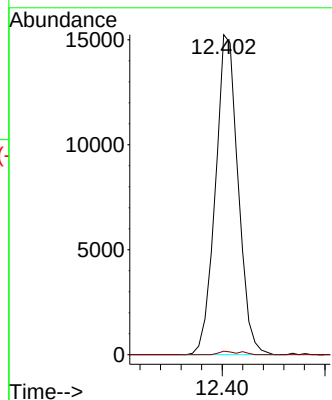
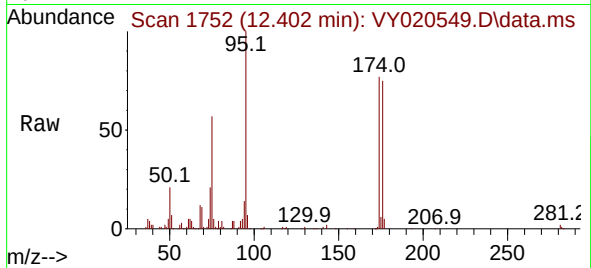




#76
1,2,3-Trichloropropane
Concen: 59.459 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.159 min
Lab File: VY020549.D
Acq: 09 Dec 2024 12:37

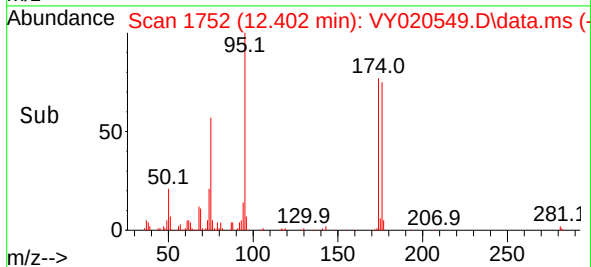
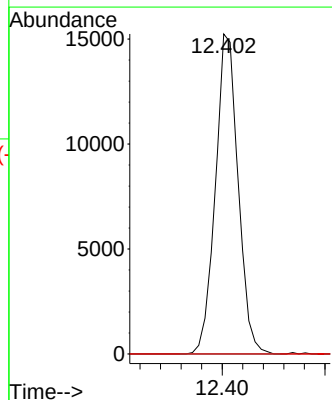
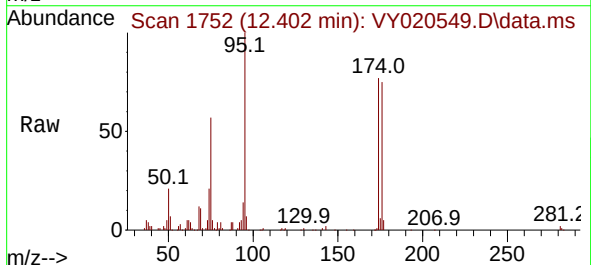
Instrument :
MSVOA_Y
ClientSampleId :

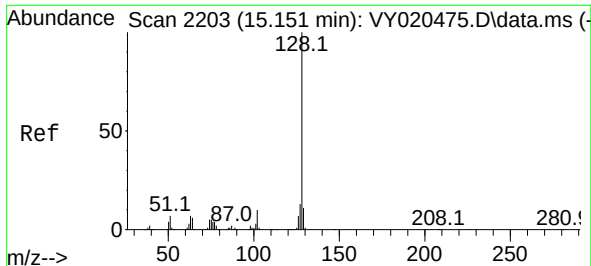
Tgt Ion: 75 Resp: 23306
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 122.000 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.091 min
Lab File: VY020549.D
Acq: 09 Dec 2024 12:37

Tgt Ion: 75 Resp: 23306
Ion Ratio Lower Upper
75 100
53 0.0 81.1 121.7#
89 0.0 35.1 52.7#





#95

Naphthalene

Concen: 1.018 ug/l

RT: 15.151 min Scan# 21

Delta R.T. -0.000 min

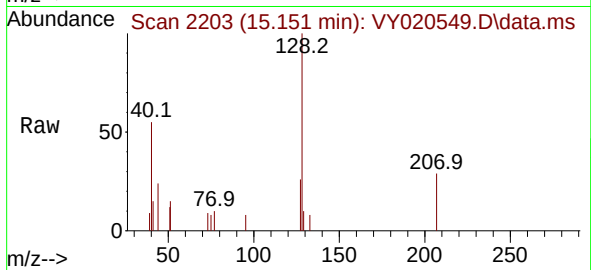
Lab File: VY020549.D

Acq: 09 Dec 2024 12:37

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:128 Resp: 1168

Ion Ratio Lower Upper

128 100

127 12.5 10.5 15.7

129 6.8 8.6 13.0#

