

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110222\
 Data File : VY011250.D
 Acq On : 02 Nov 2022 10:32
 Operator : KP/MD
 Sample : VY1102SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1102SBL01

Quant Time: Nov 02 13:26:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

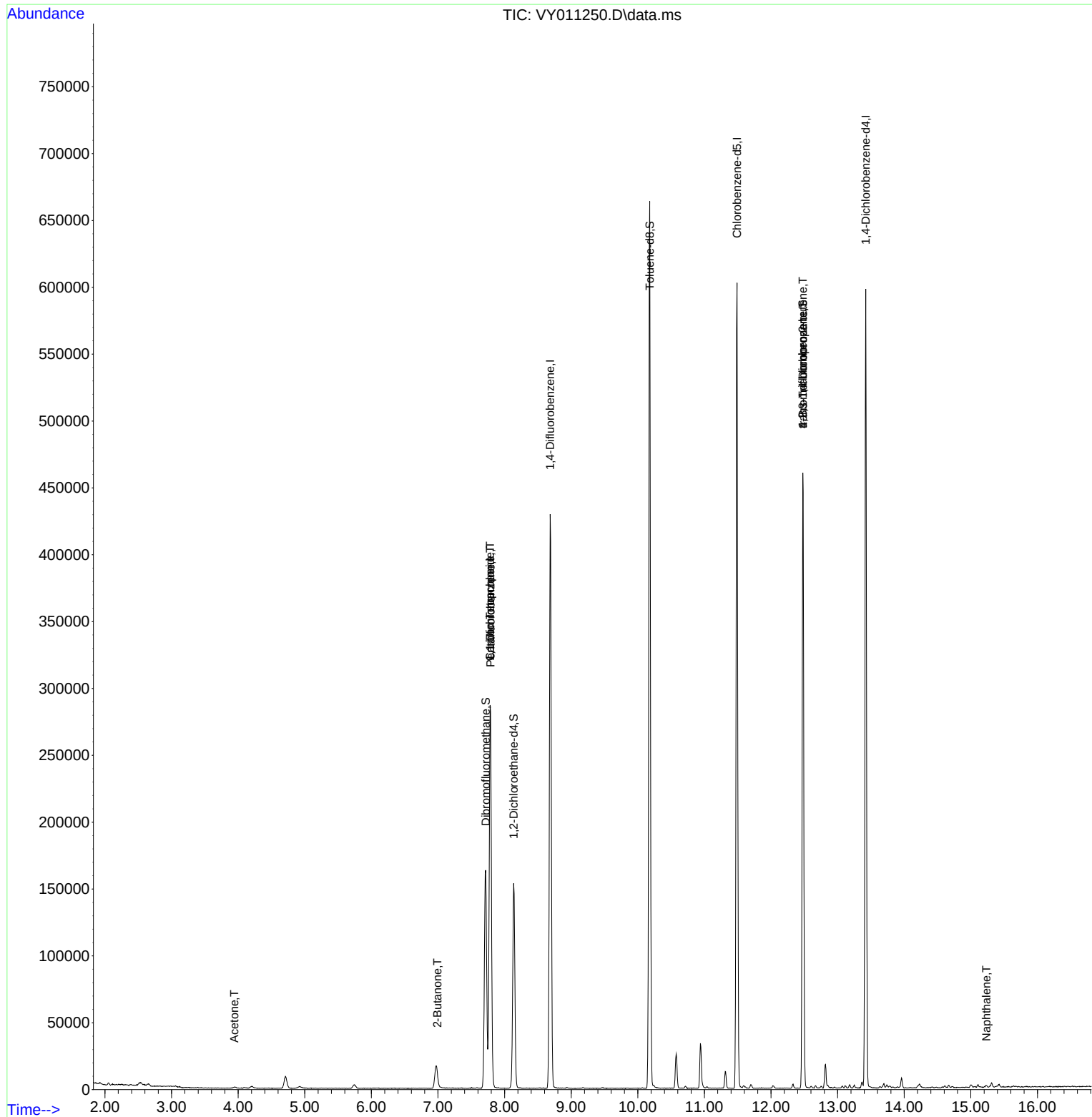
Internal Standards						
1) Pentafluorobenzene	7.789	168	230509	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	381527	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	341316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	157923	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	116612	47.301	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.600%
35) Dibromofluoromethane	7.716	113	121327	49.495	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.000%
50) Toluene-d8	10.179	98	442976	46.544	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.080%
62) 4-Bromofluorobenzene	12.477	95	144674	43.787	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.580%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	179	Below Cal	#	43
11) Tert butyl alcohol	4.930	59	1922	Below Cal	#	77
16) Acetone	3.942	43	1670	2.244	ug/l #	85
20) Methylene Chloride	4.710	84	6897	Below Cal	#	85
25) 2-Butanone	6.990	43	1389	1.327	ug/l #	78
36) 1,1-Dichloropropene	7.783	75	17126	4.278	ug/l #	50
38) Carbon Tetrachloride	7.783	117	22830	5.497	ug/l #	14
76) 1,2,3-Trichloropropane	12.477	75	70229	36.529	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	70229	78.176	ug/l #	7
95) Naphthalene	15.233	128	1691	4.190	ug/l #	92

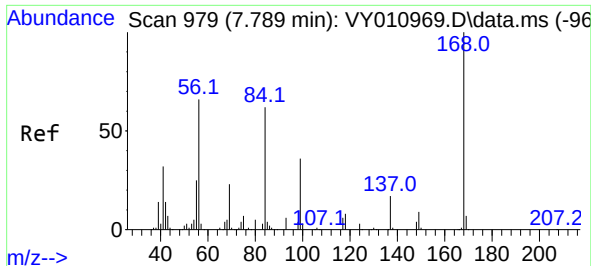
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 01 11:56:18 2022
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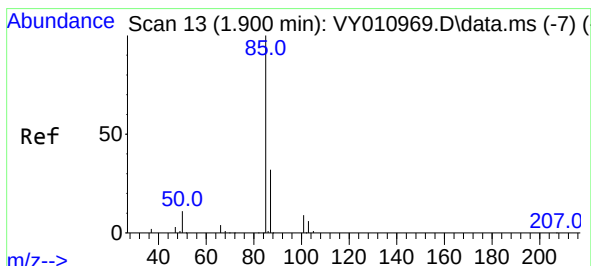
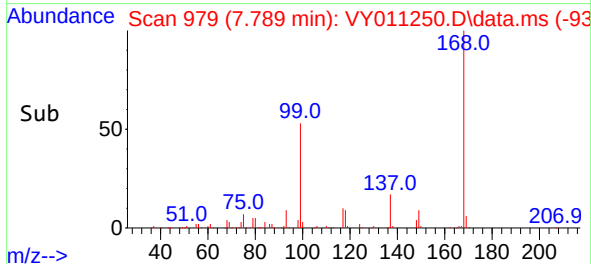
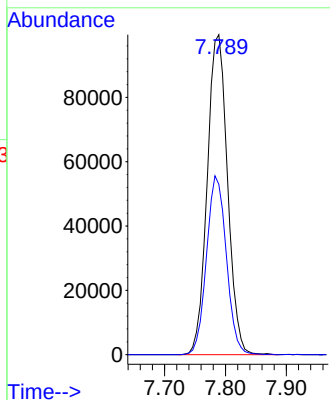
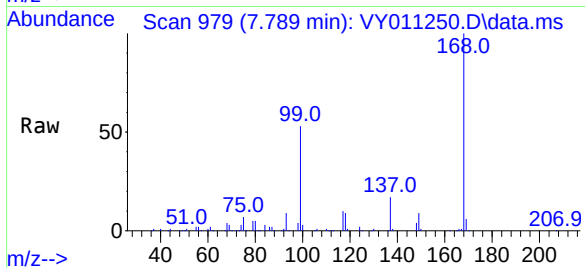




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011250.D
Acq: 02 Nov 2022 10:32

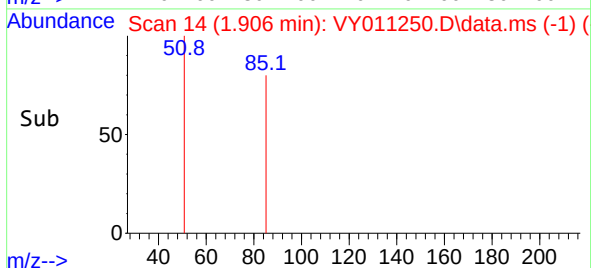
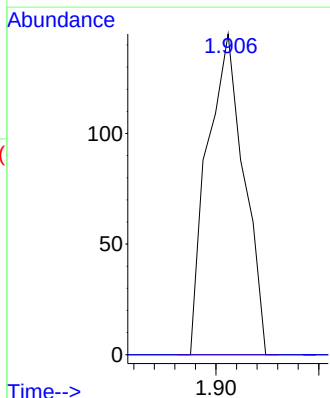
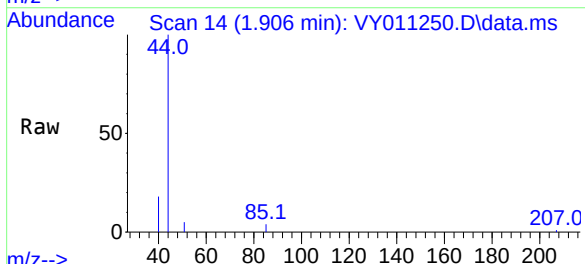
Instrument :
MSVOA_Y
ClientSampleId :
VY1102SBL01

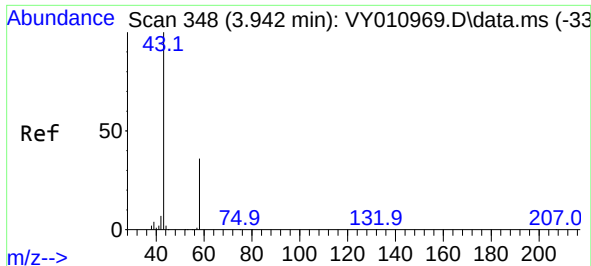
Tgt Ion:168 Resp: 230509
Ion Ratio Lower Upper
168 100
99 53.2 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY011250.D
Acq: 02 Nov 2022 10:32

Tgt Ion: 85 Resp: 179
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

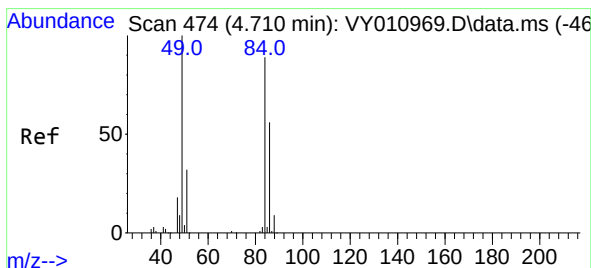
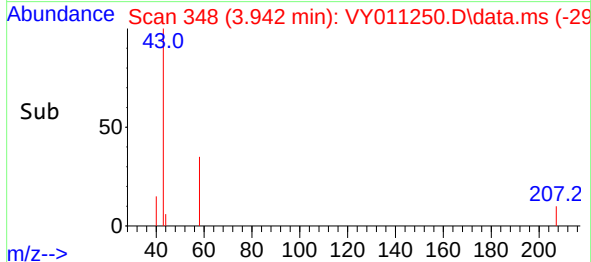
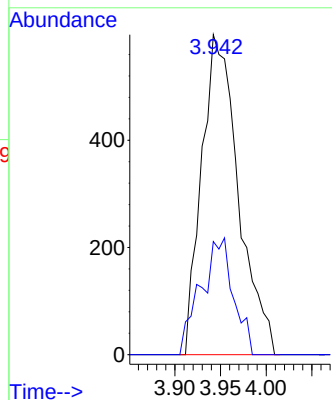
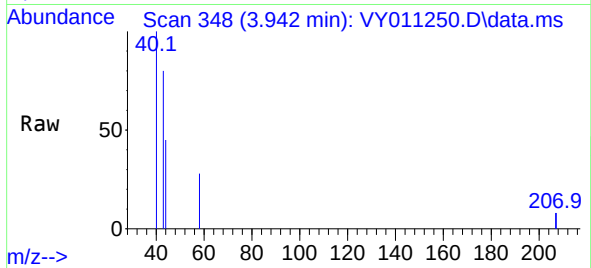




#16
Acetone
Concen: 2.244 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY011250.D
Acq: 02 Nov 2022 10:32

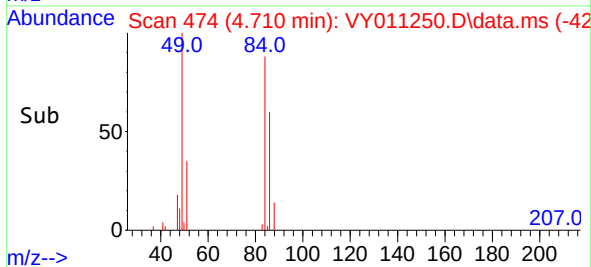
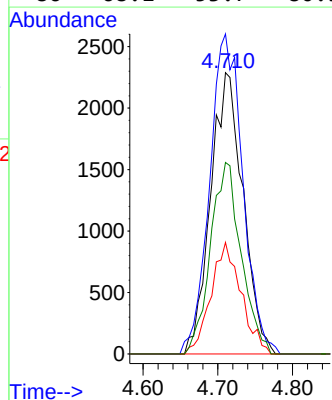
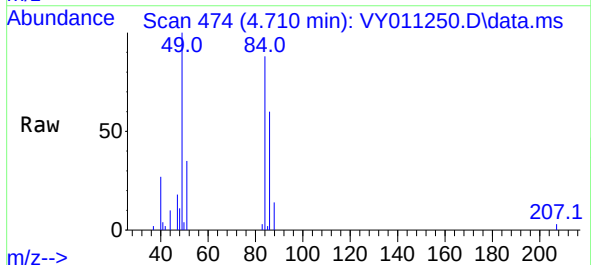
Instrument :
MSVOA_Y
ClientSampleId :
VY1102SBL01

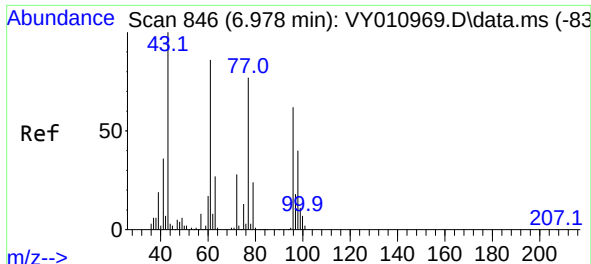
Tgt Ion: 43 Resp: 1670
Ion Ratio Lower Upper
43 100
58 35.3 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011250.D
Acq: 02 Nov 2022 10:32

Tgt Ion: 84 Resp: 6897
Ion Ratio Lower Upper
84 100
49 113.8 114.4 171.6#
51 39.6 35.3 52.9
86 68.1 53.7 80.5

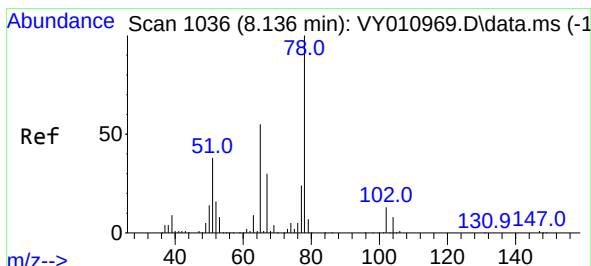
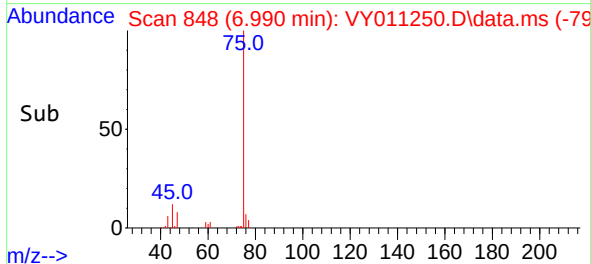
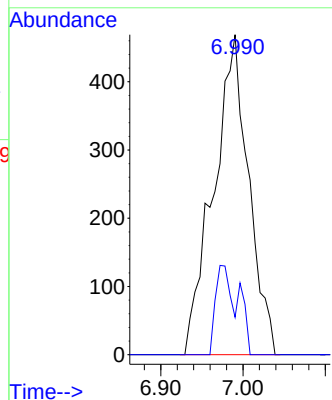
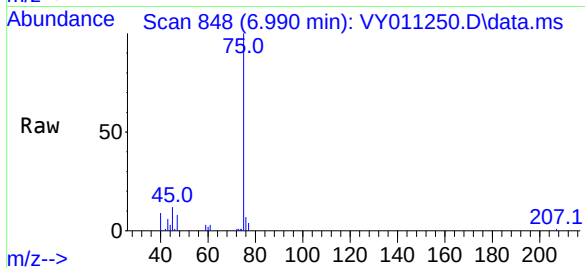




#25
2-Butanone
Concen: 1.327 ug/l
RT: 6.990 min Scan# 846
Delta R.T. 0.012 min
Lab File: VY011250.D
Acq: 02 Nov 2022 10:32

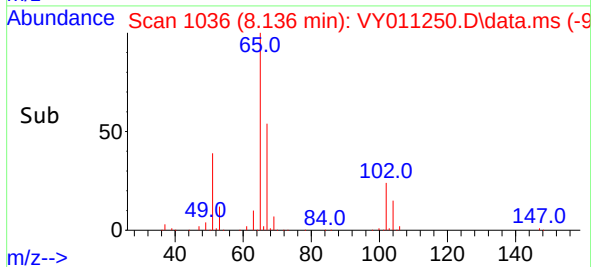
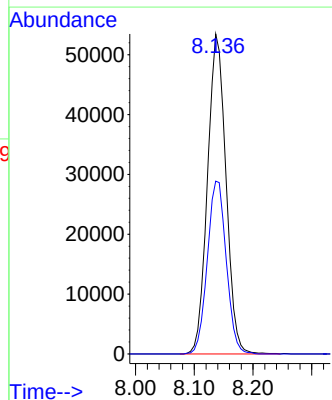
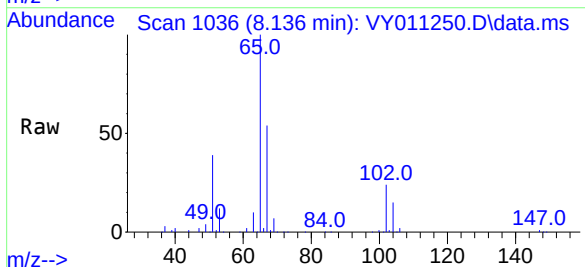
Instrument :
MSVOA_Y
ClientSampleId :
VY1102SBL01

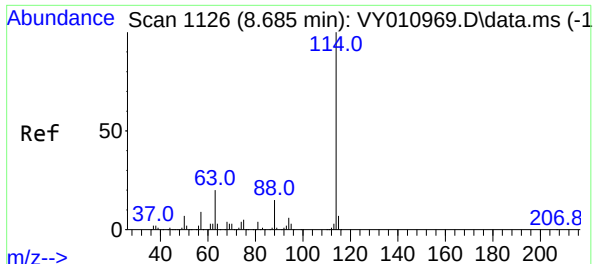
Tgt Ion: 43 Resp: 1389
Ion Ratio Lower Upper
43 100
72 11.7 17.7 26.5#



#33
1,2-Dichloroethane-d4
Concen: 47.301 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011250.D
Acq: 02 Nov 2022 10:32

Tgt Ion: 65 Resp: 116612
Ion Ratio Lower Upper
65 100
67 55.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011250.D

Acq: 02 Nov 2022 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VY1102SBL01

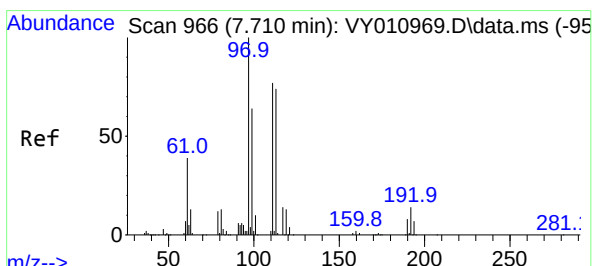
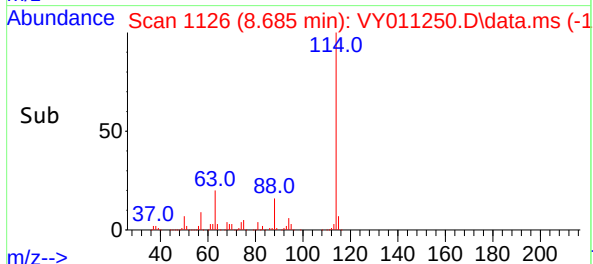
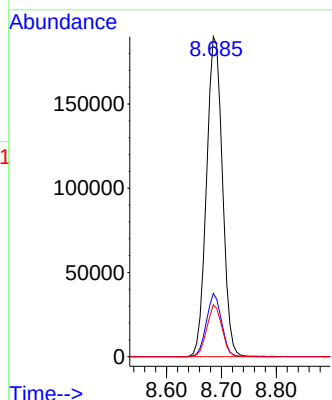
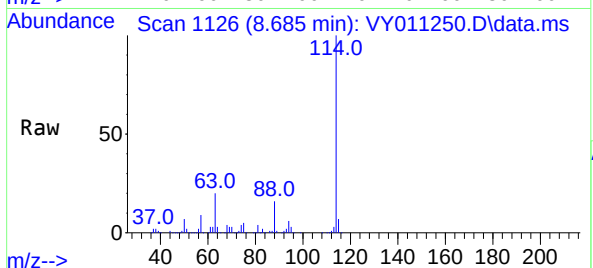
Tgt Ion:114 Resp: 381527

Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

88 16.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.495 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011250.D

Acq: 02 Nov 2022 10:32

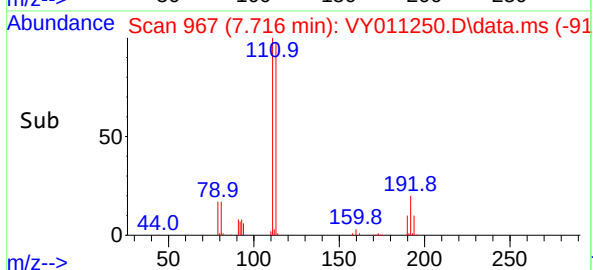
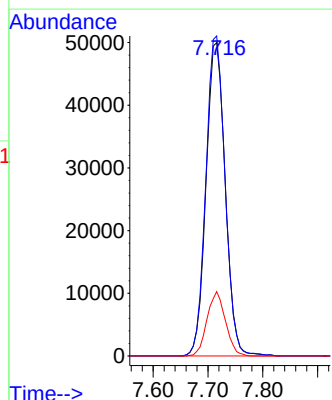
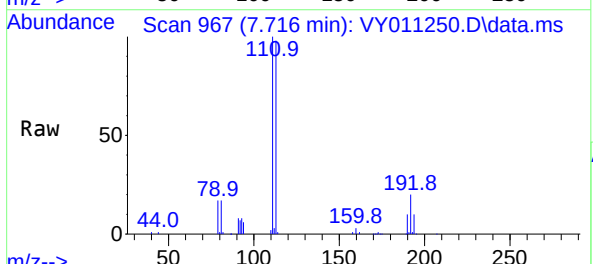
Tgt Ion:113 Resp: 121327

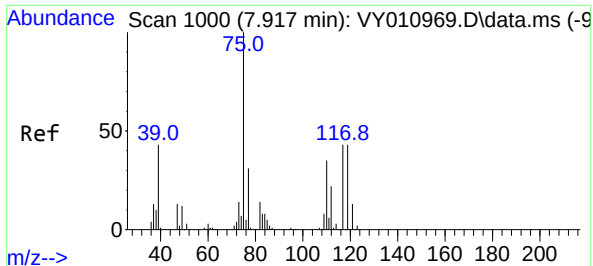
Ion Ratio Lower Upper

113 100

111 102.4 82.6 124.0

192 19.7 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.278 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY011250.D

Acq: 02 Nov 2022 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VY1102SBL01

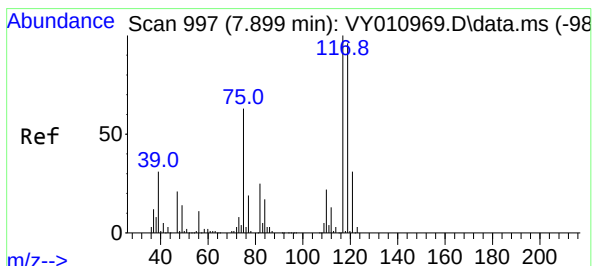
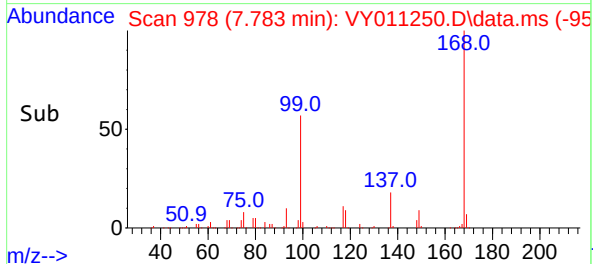
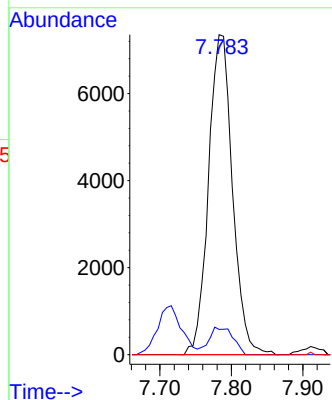
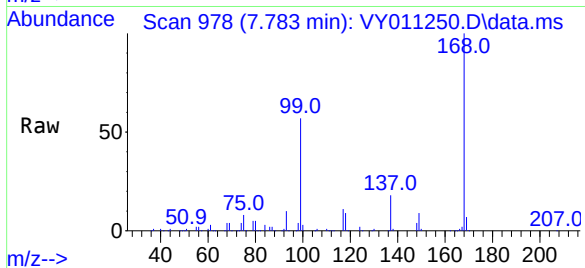
Tgt Ion: 75 Resp: 17126

Ion Ratio Lower Upper

75 100

110 8.6 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.497 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY011250.D

Acq: 02 Nov 2022 10:32

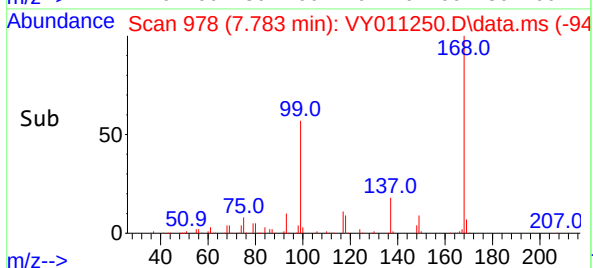
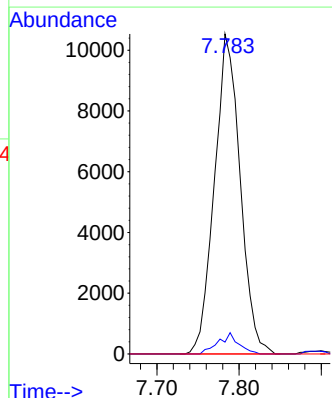
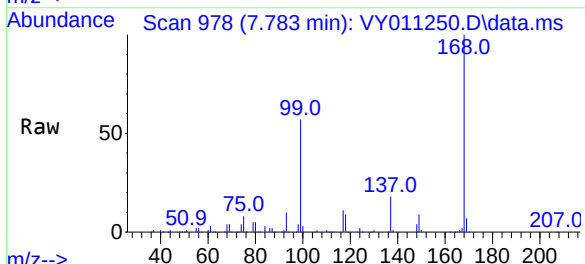
Tgt Ion: 117 Resp: 22830

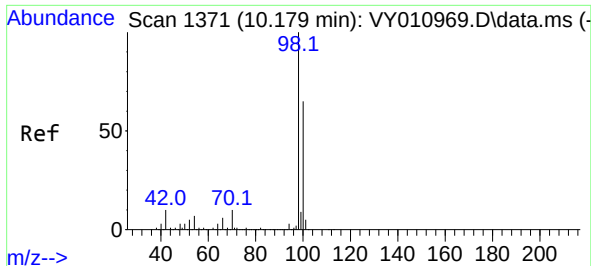
Ion Ratio Lower Upper

117 100

119 3.7 77.9 116.9#

121 0.0 24.8 37.2#

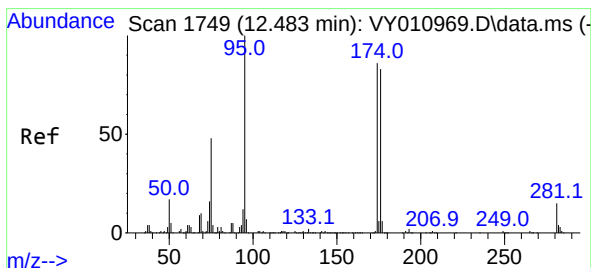
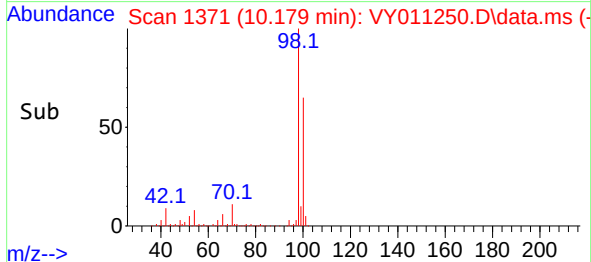
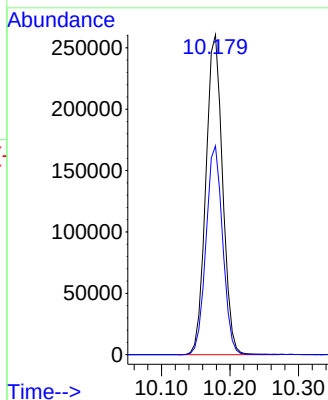
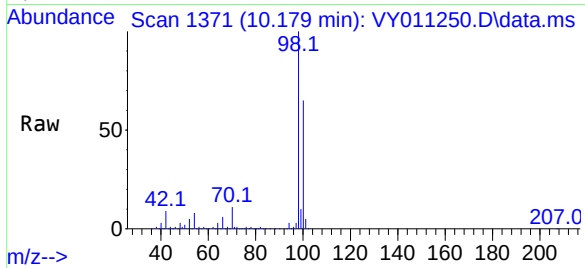




#50
Toluene-d8
Concen: 46.544 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011250.D
Acq: 02 Nov 2022 10:32

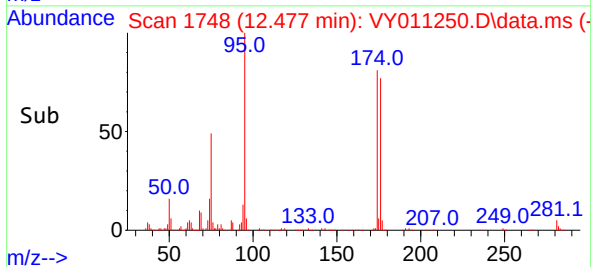
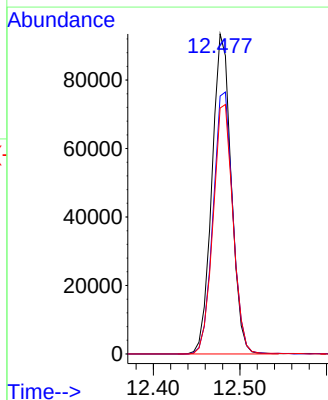
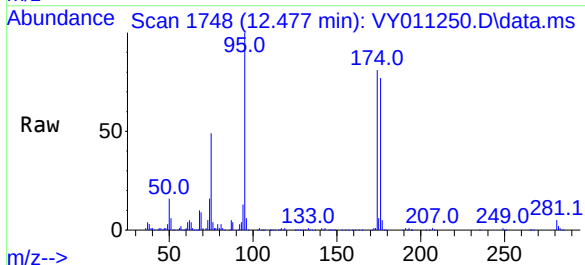
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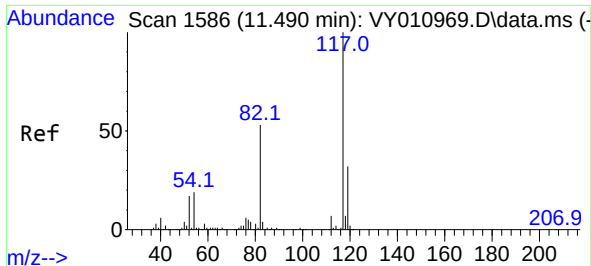
Tgt Ion: 98 Resp: 442976
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.787 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011250.D
Acq: 02 Nov 2022 10:32

Tgt Ion: 95 Resp: 144674
Ion Ratio Lower Upper
95 100
174 83.3 0.0 177.0
176 80.1 0.0 175.8

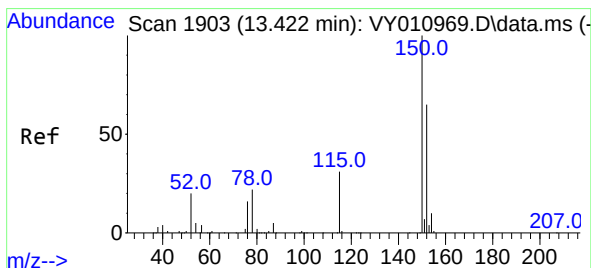
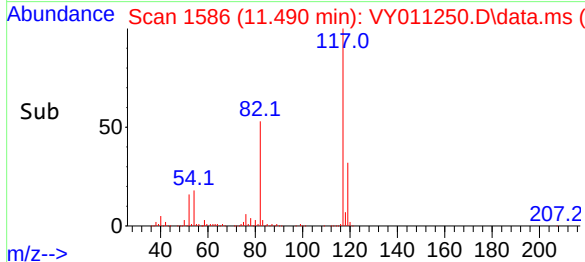
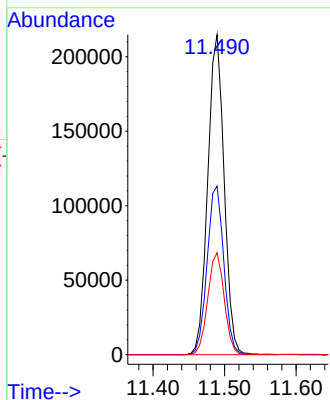
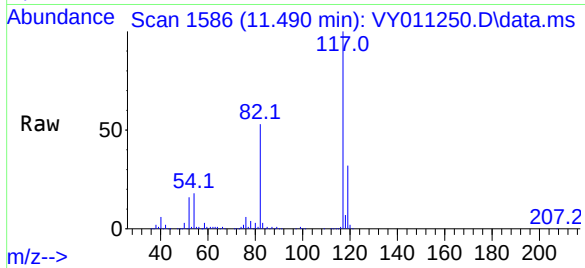




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011250.D
Acq: 02 Nov 2022 10:32

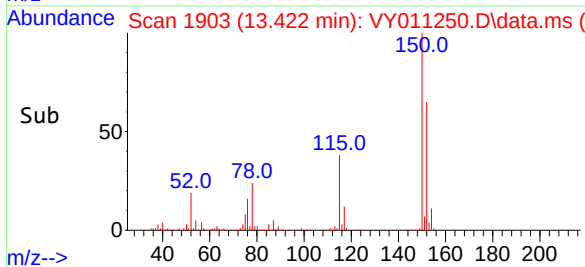
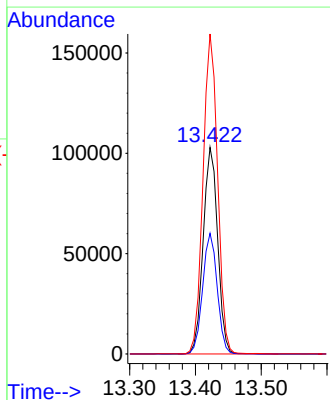
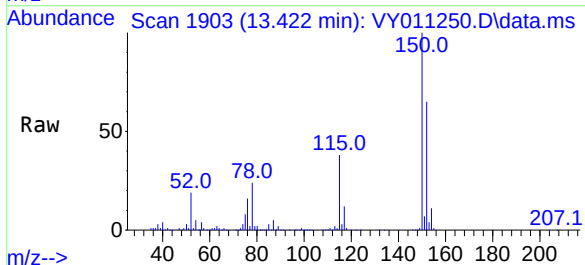
Instrument :
MSVOA_Y
ClientSampleId :
VY1102SBL01

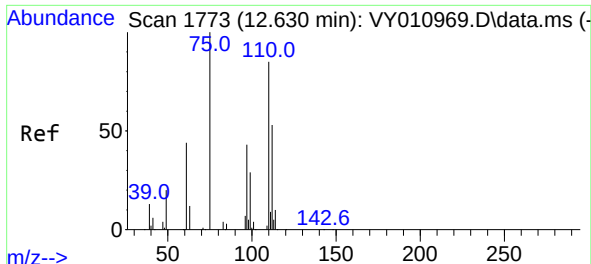
Tgt Ion:117 Resp: 341316
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011250.D
Acq: 02 Nov 2022 10:32

Tgt Ion:152 Resp: 157923
Ion Ratio Lower Upper
152 100
115 58.6 28.2 84.7
150 156.1 0.0 347.6

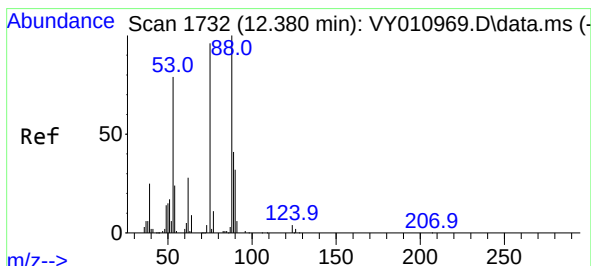
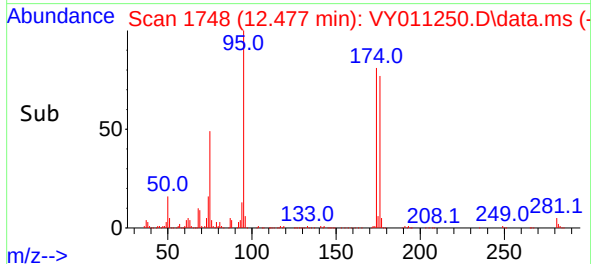
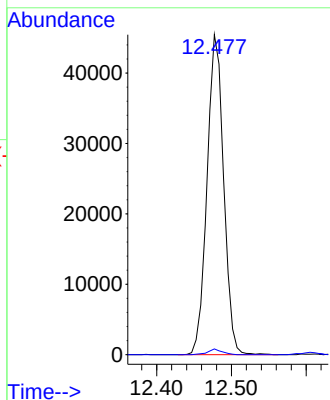
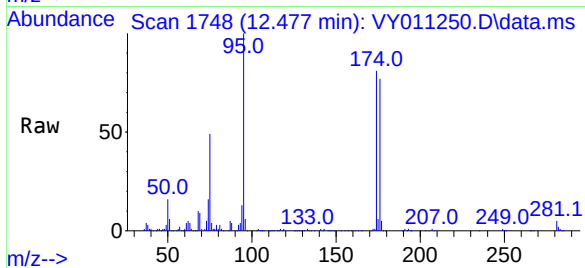




#76
1,2,3-Trichloropropane
Concen: 36.529 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.153 min
Lab File: VY011250.D
Acq: 02 Nov 2022 10:32

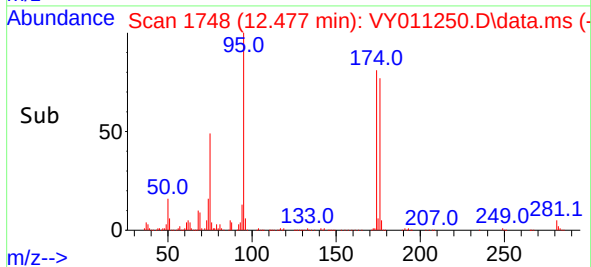
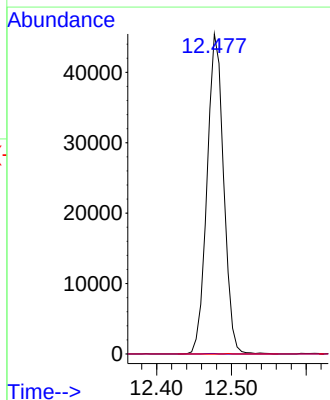
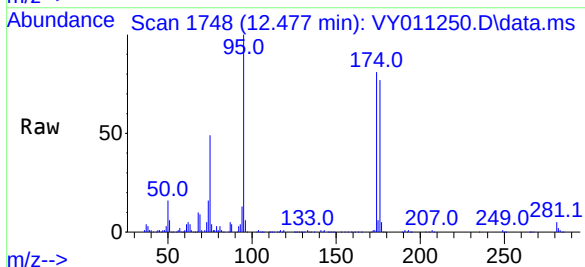
Instrument :
MSVOA_Y
ClientSampleId :
VY1102SBL01

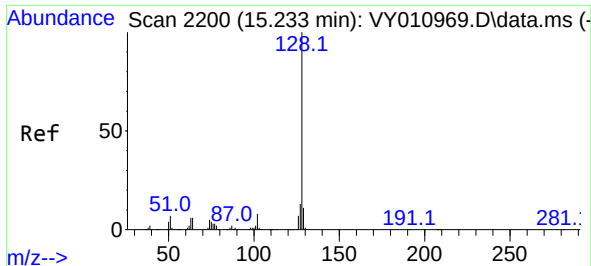
Tgt Ion: 75 Resp: 70229
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.176 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011250.D
Acq: 02 Nov 2022 10:32

Tgt Ion: 75 Resp: 70229
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#





#95

Naphthalene

Concen: 4.190 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY011250.D

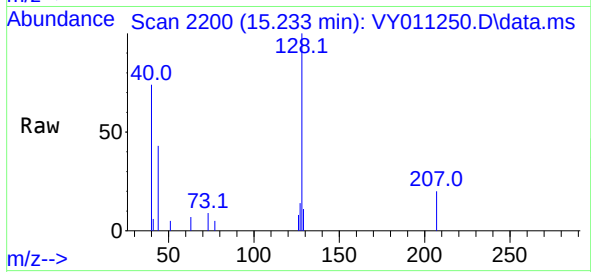
Acq: 02 Nov 2022 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VY1102SBL01



Tgt Ion:128 Resp: 1691

Ion Ratio Lower Upper

128 100

127 9.8 11.0 16.4#

129 8.6 8.4 12.6

