

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042023\
 Data File : VY013371.D
 Acq On : 20 Apr 2023 16:23
 Operator : KP/MD
 Sample : 02371-11
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 21 02:15:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

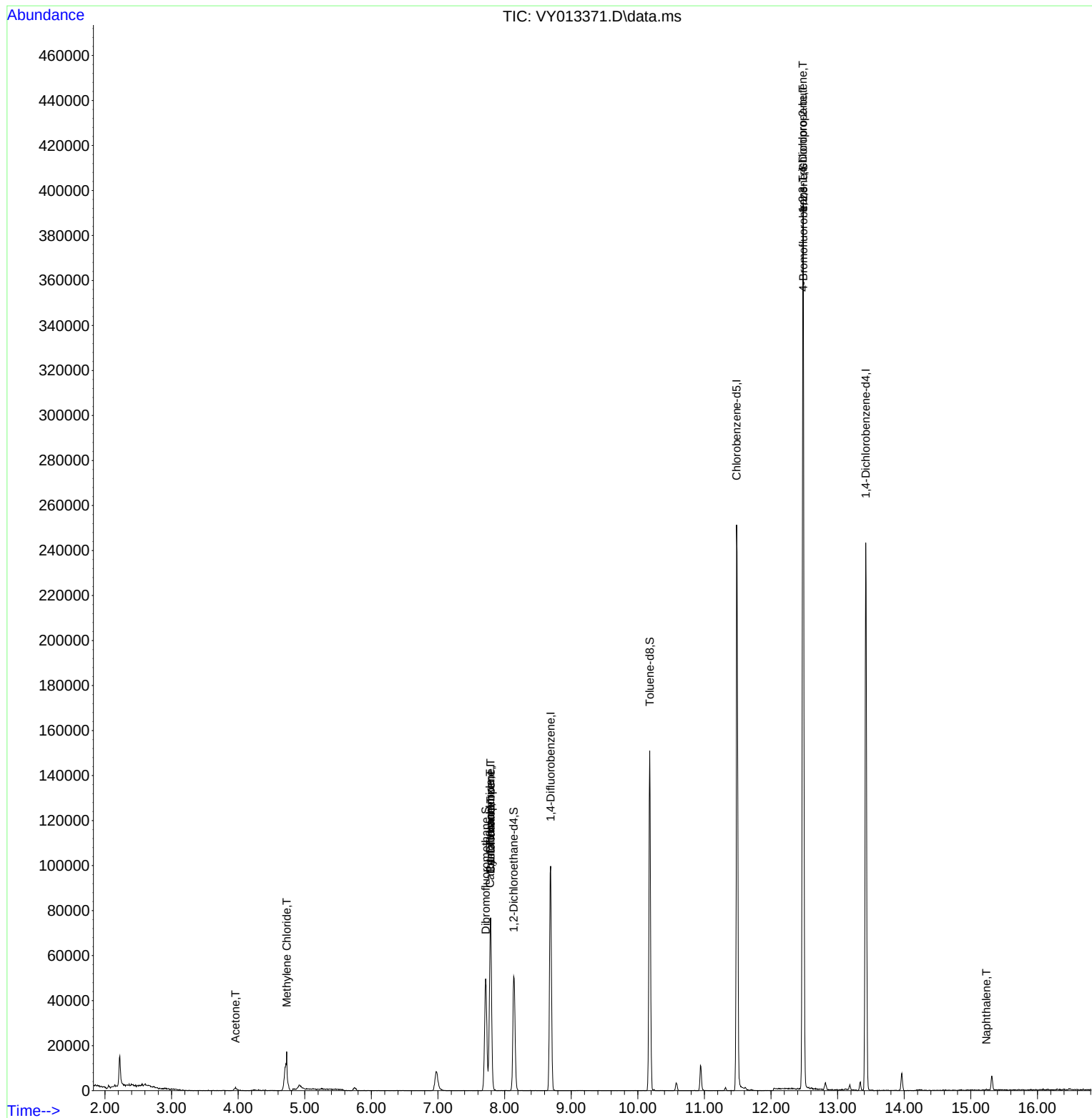
Internal Standards						
1) Pentafluorobenzene	7.789	168	52206	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	72187	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	123202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	63136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	53527	85.316	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163		Recovery	= 170.640%#	
35) Dibromofluoromethane	7.716	113	28977	62.005	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147		Recovery	= 124.020%	
50) Toluene-d8	10.179	98	86279	49.600	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140		Recovery	= 99.200%	
62) 4-Bromofluorobenzene	12.483	95	113482	200.787	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144		Recovery	= 401.580%#	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.917	59	2133	Below Cal	#	74
16) Acetone	3.960	43	2768	12.832	ug/l	# 85
20) Methylene Chloride	4.728	84	9665	13.876	ug/l	93
31) Cyclohexane	7.789	56	1349	1.422	ug/l	# 24
36) 1,1-Dichloropropene	7.789	75	4118	5.817	ug/l	# 56
38) Carbon Tetrachloride	7.783	117	6504	8.308	ug/l	# 15
76) 1,2,3-Trichloropropane	12.477	75	57897	73.593	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	57897	152.741	ug/l	# 13
95) Naphthalene	15.233	128	374	3.331	ug/l	# 69

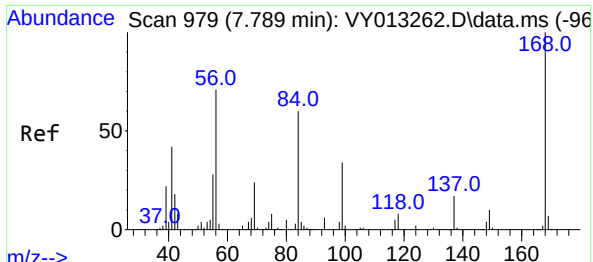
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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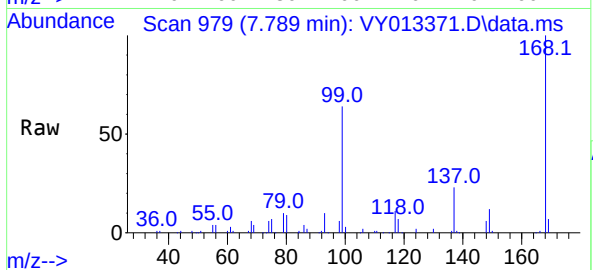
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 05:55:16 2023
Response via : Initial Calibration



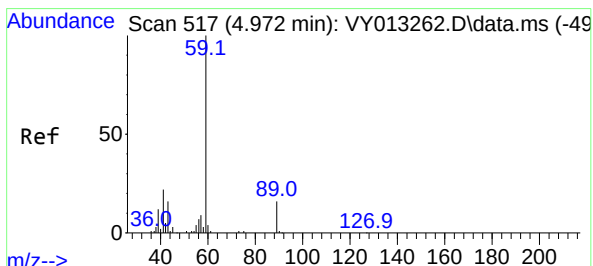
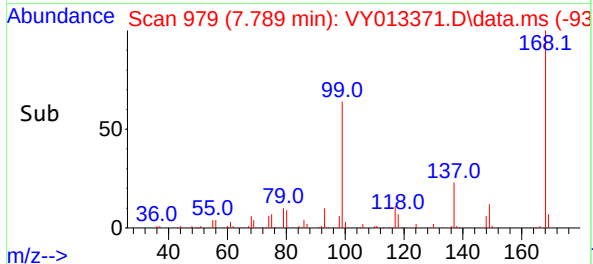
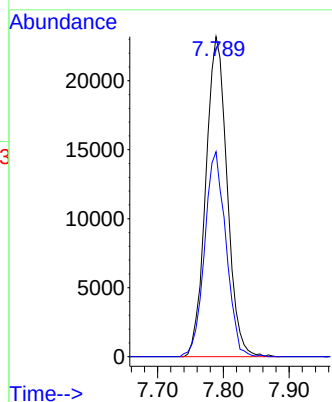


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013371.D
Acq: 20 Apr 2023 16:23

Instrument :
MSVOA_Y
ClientSampleId :

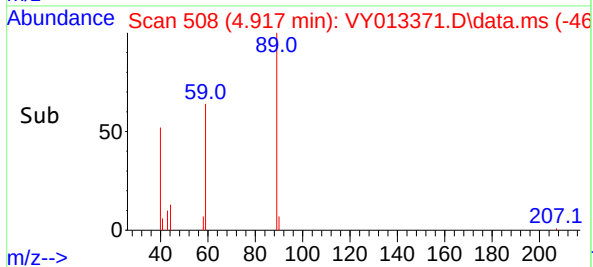
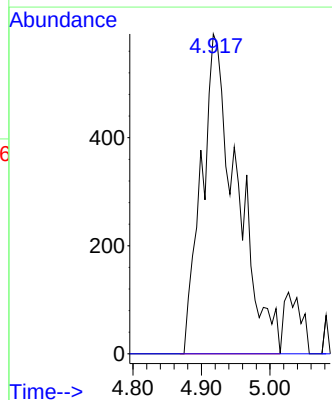
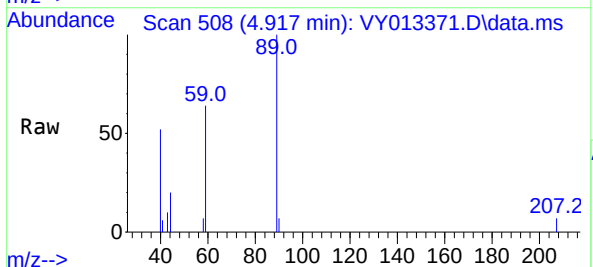


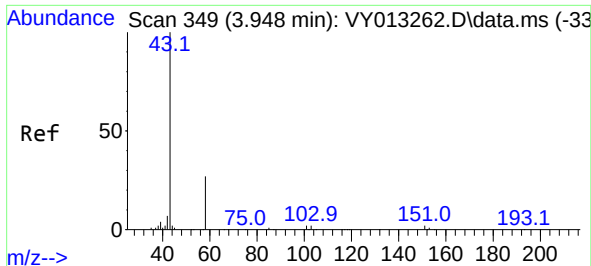
Tgt Ion:168 Resp: 52206
Ion Ratio Lower Upper
168 100
99 64.1 41.7 62.5#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.917 min Scan# 508
Delta R.T. -0.055 min
Lab File: VY013371.D
Acq: 20 Apr 2023 16:23

Tgt Ion: 59 Resp: 2133
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

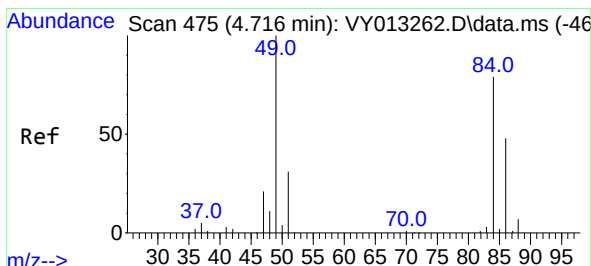
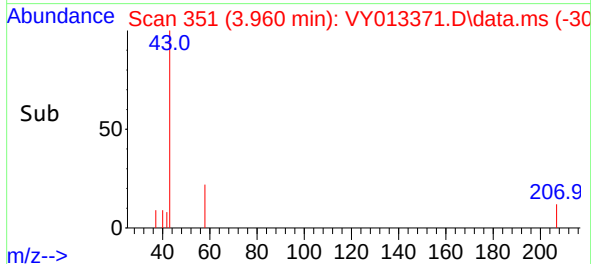
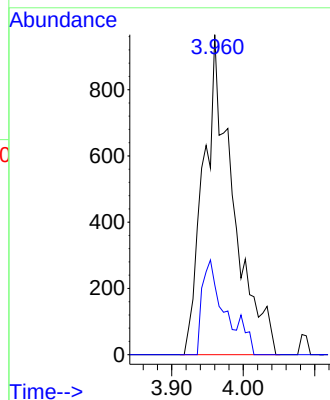
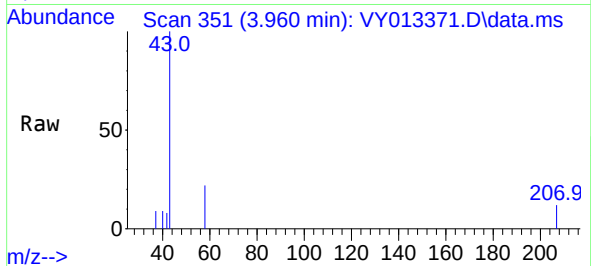




#16
Acetone
Concen: 12.832 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY013371.D
Acq: 20 Apr 2023 16:23

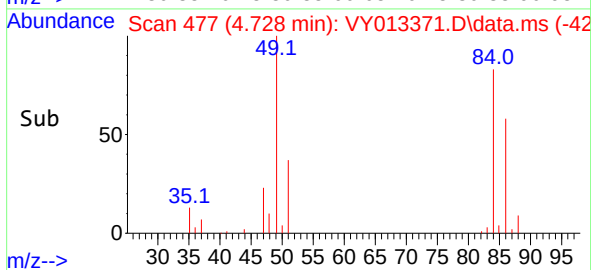
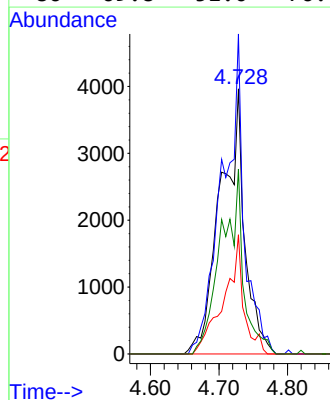
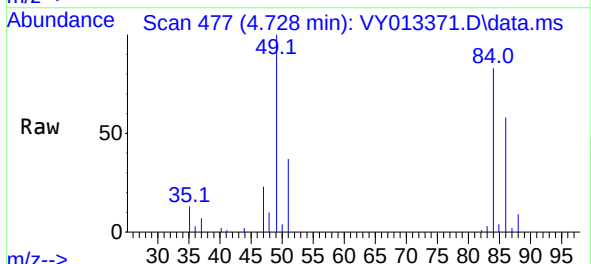
Instrument :
MSVOA_Y
ClientSampleId :

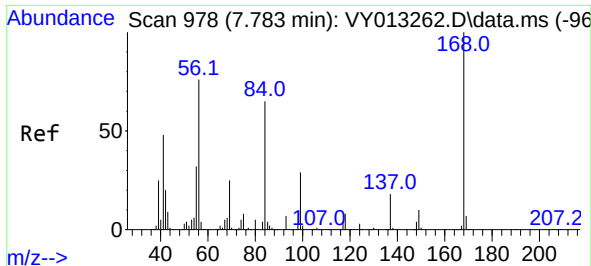
Tgt Ion: 43 Resp: 2768
Ion Ratio Lower Upper
43 100
58 21.8 24.2 36.2#



#20
Methylene Chloride
Concen: 13.876 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.012 min
Lab File: VY013371.D
Acq: 20 Apr 2023 16:23

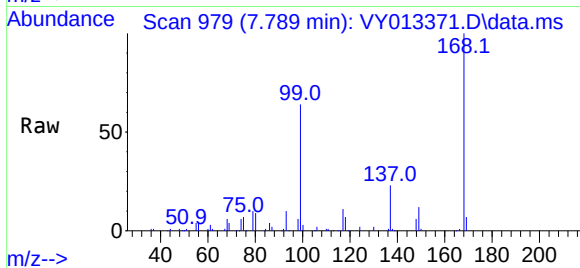
Tgt Ion: 84 Resp: 9665
Ion Ratio Lower Upper
84 100
49 120.7 102.6 154.0
51 45.0 31.9 47.9
86 69.8 51.0 76.6



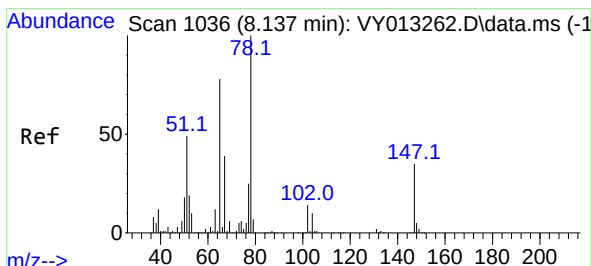
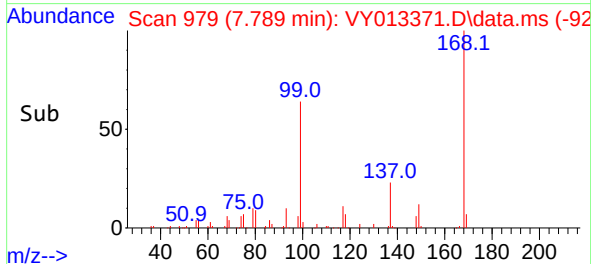
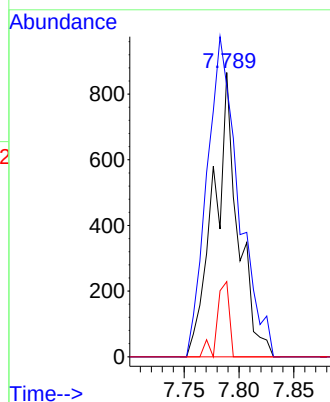


#31
Cyclohexane
Concen: 1.422 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013371.D
Acq: 20 Apr 2023 16:23

Instrument :
MSVOA_Y
ClientSampleId :

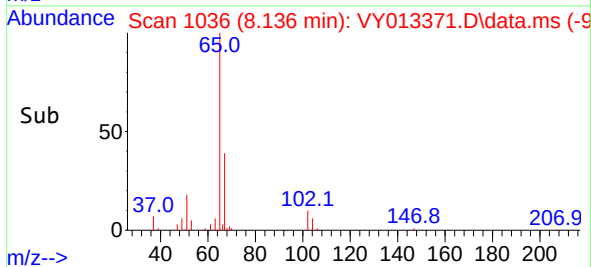
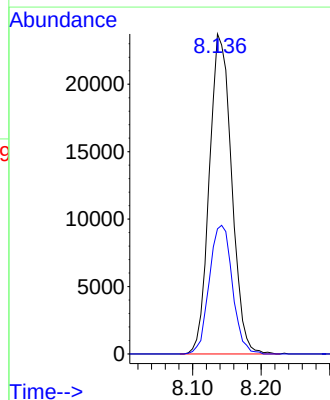
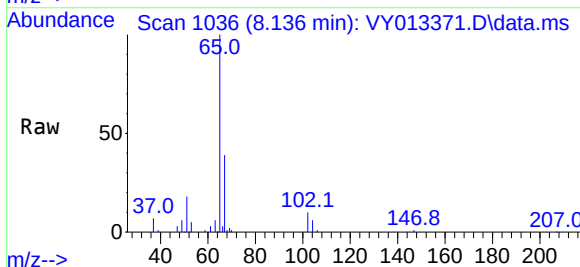


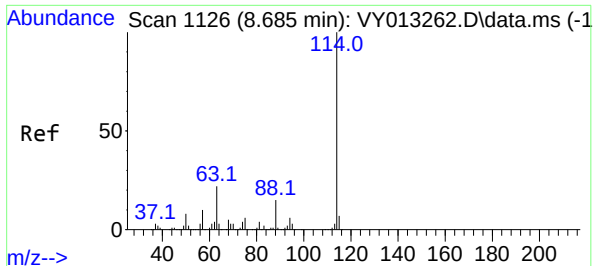
Tgt Ion: 56 Resp: 1349
Ion Ratio Lower Upper
56 100
69 95.3 25.7 38.5#
84 26.4 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 85.316 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY013371.D
Acq: 20 Apr 2023 16:23

Tgt Ion: 65 Resp: 53527
Ion Ratio Lower Upper
65 100
67 41.7 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013371.D

Acq: 20 Apr 2023 16:23

Instrument :

MSVOA_Y

ClientSampleId :

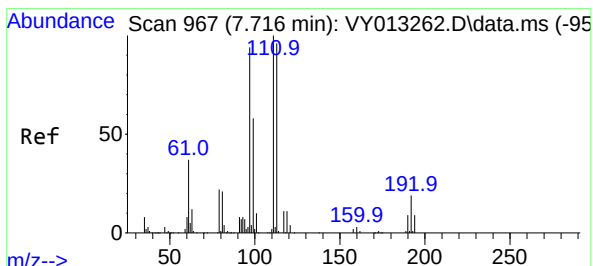
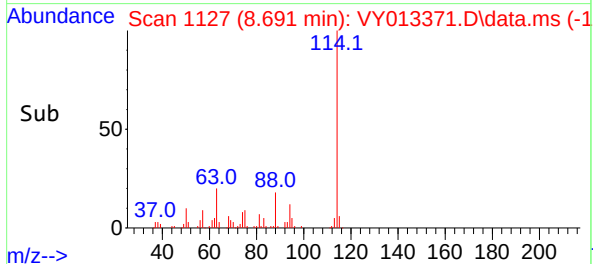
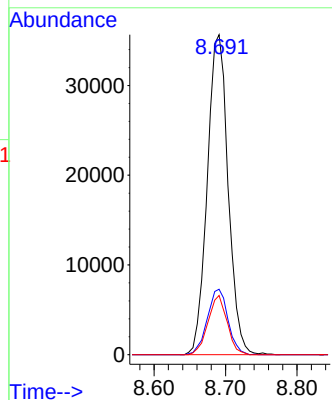
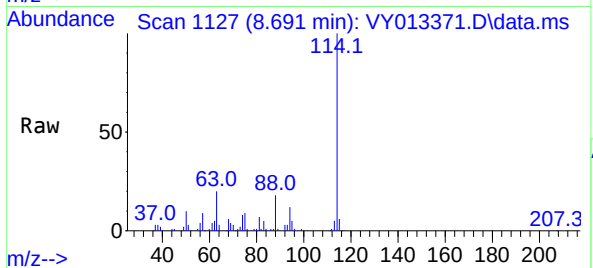
Tgt Ion:114 Resp: 72187

Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.4

88 18.5 0.0 28.6



#35

Dibromofluoromethane

Concen: 62.005 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013371.D

Acq: 20 Apr 2023 16:23

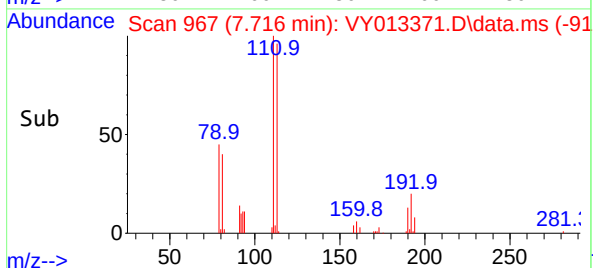
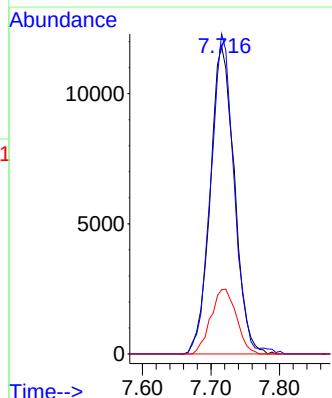
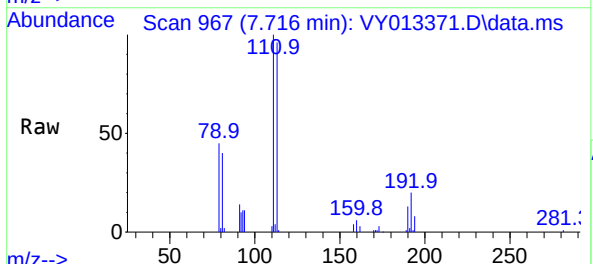
Tgt Ion:113 Resp: 28977

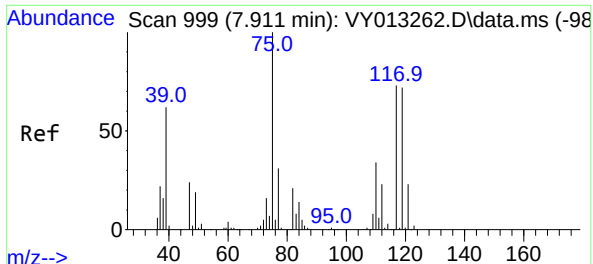
Ion Ratio Lower Upper

113 100

111 100.6 82.2 123.2

192 22.2 16.8 25.2





#36

1,1-Dichloropropene

Concen: 5.817 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.122 min

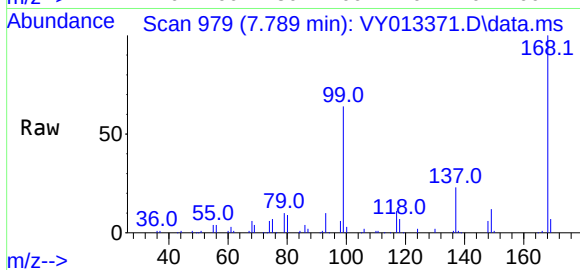
Lab File: VY013371.D

Acq: 20 Apr 2023 16:23

Instrument :

MSVOA_Y

ClientSampleId :



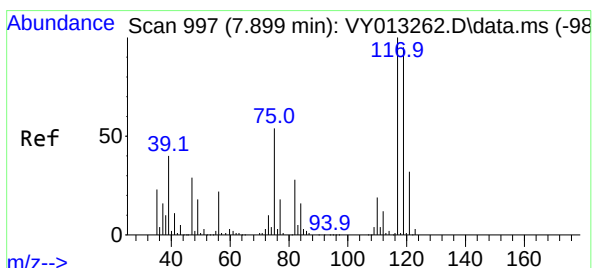
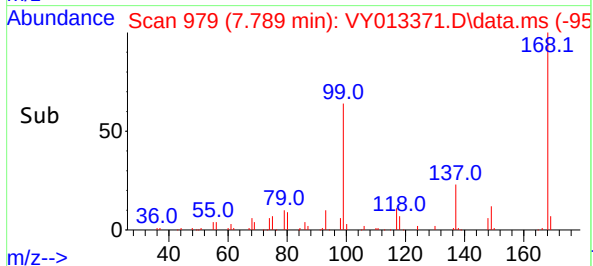
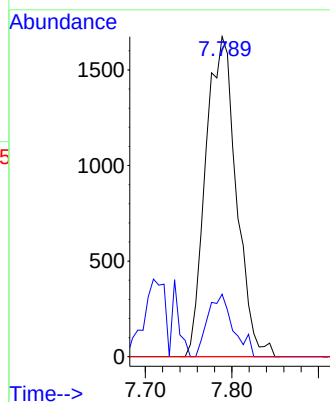
Tgt Ion: 75 Resp: 4118

Ion Ratio Lower Upper

75 100

110 16.2 17.8 53.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 8.308 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY013371.D

Acq: 20 Apr 2023 16:23

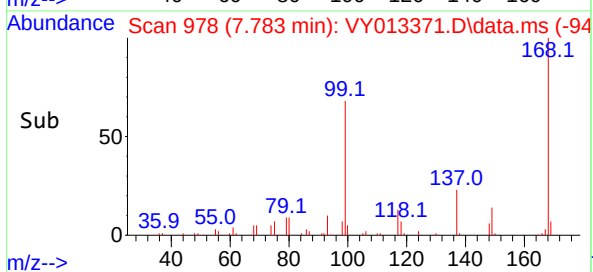
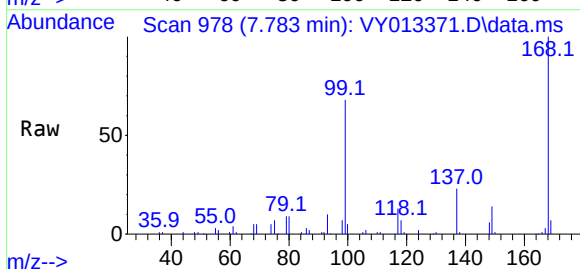
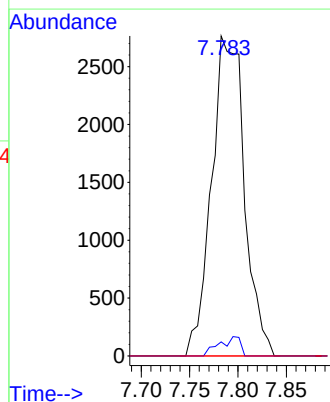
Tgt Ion: 117 Resp: 6504

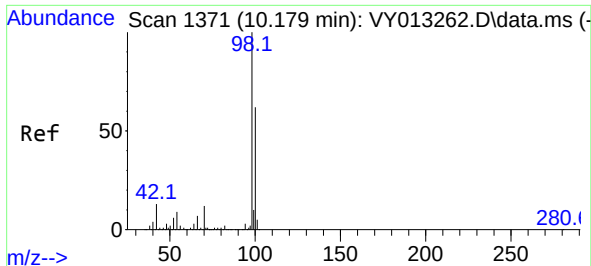
Ion Ratio Lower Upper

117 100

119 4.4 77.2 115.8#

121 0.0 24.7 37.1#

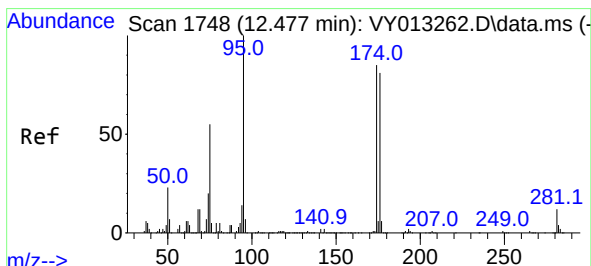
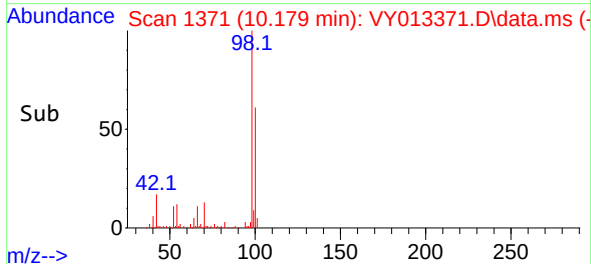
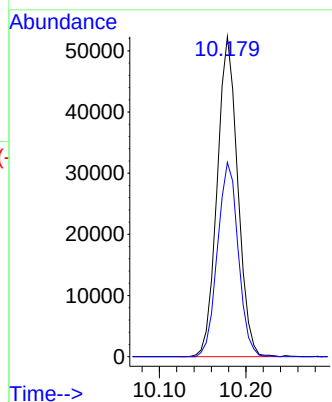
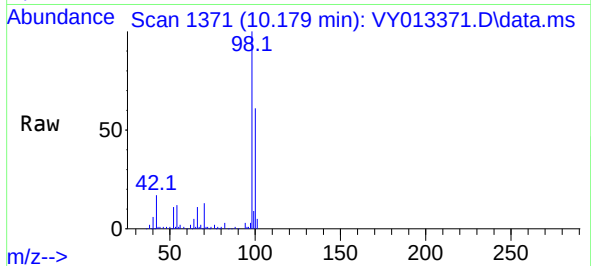




#50
Toluene-d8
Concen: 49.600 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013371.D
Acq: 20 Apr 2023 16:23

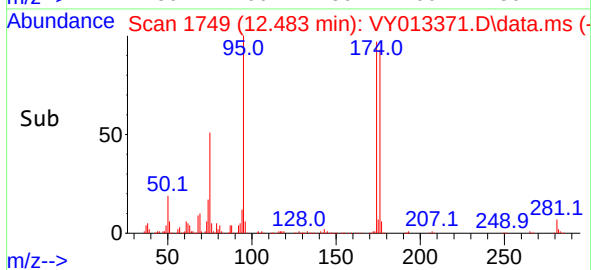
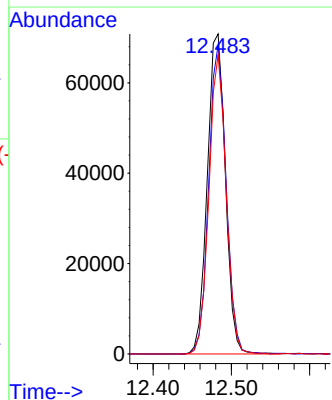
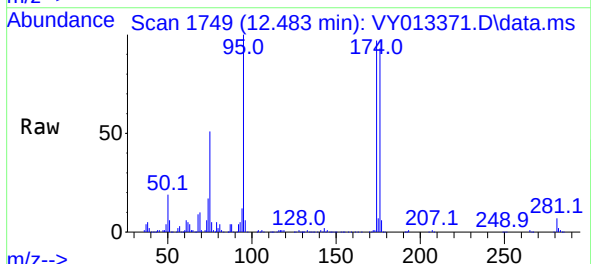
Instrument :
MSVOA_Y
ClientSampleId :

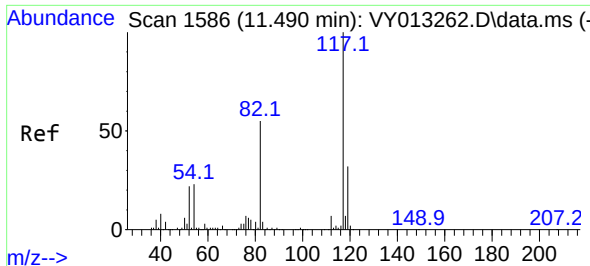
Tgt Ion: 98 Resp: 86279
Ion Ratio Lower Upper
98 100
100 61.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 200.787 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013371.D
Acq: 20 Apr 2023 16:23

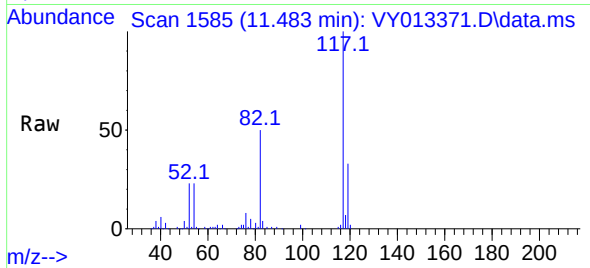
Tgt Ion: 95 Resp: 113482
Ion Ratio Lower Upper
95 100
174 93.3 0.0 176.6
176 89.0 0.0 170.2



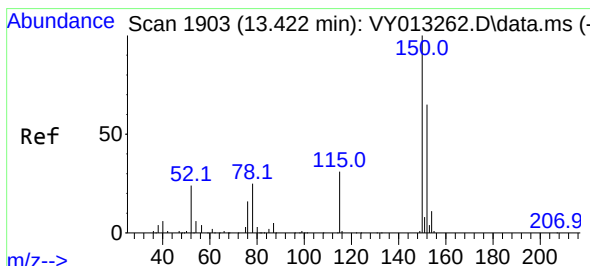
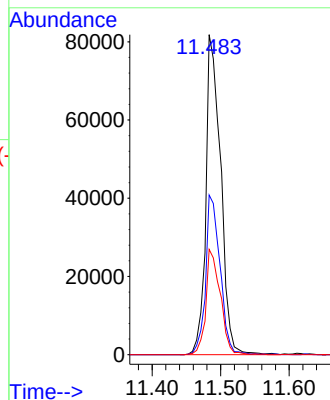
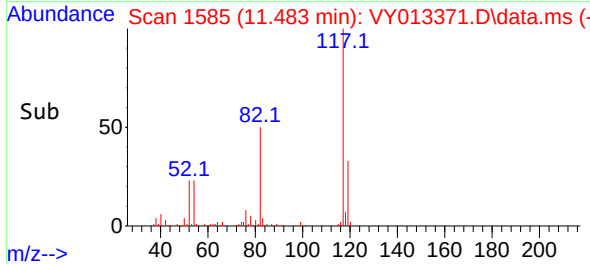


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013371.D
Acq: 20 Apr 2023 16:23

Instrument :
MSVOA_Y
ClientSampleId :

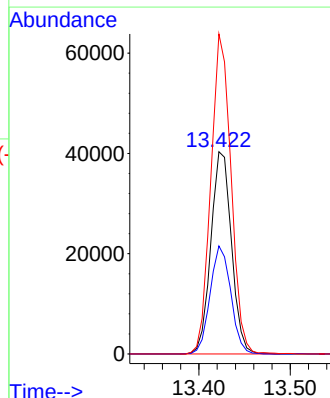
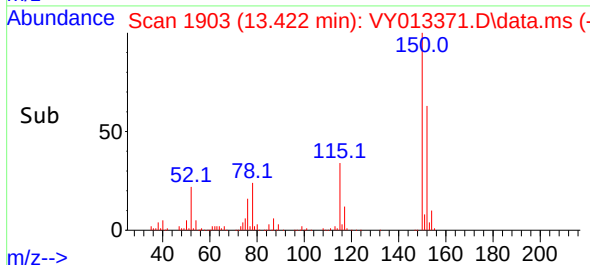
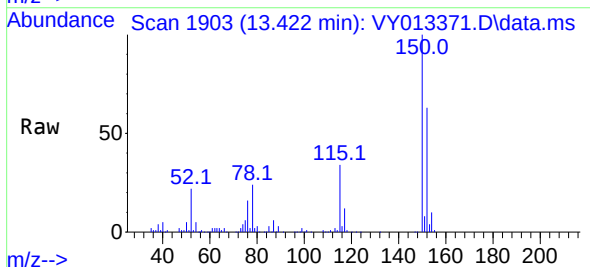


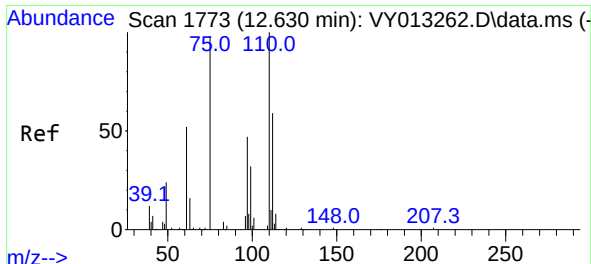
Tgt Ion:117 Resp: 123202
Ion Ratio Lower Upper
117 100
82 49.9 45.4 68.0
119 32.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY013371.D
Acq: 20 Apr 2023 16:23

Tgt Ion:152 Resp: 63136
Ion Ratio Lower Upper
152 100
115 53.6 27.1 81.3
150 155.0 0.0 347.8

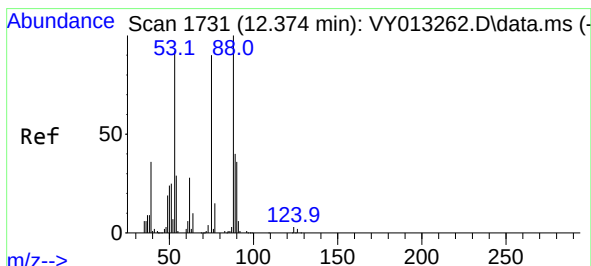
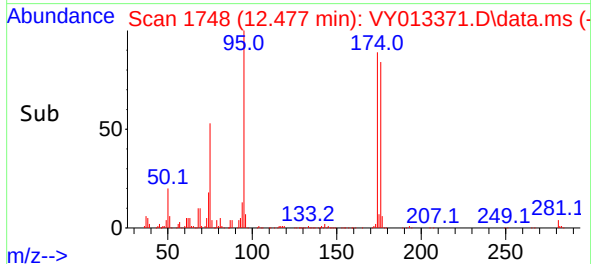
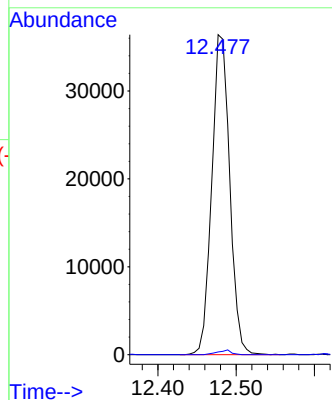
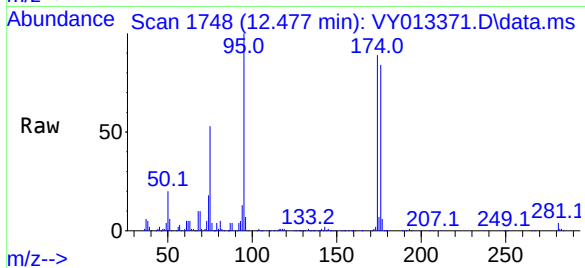




#76
1,2,3-Trichloropropane
Concen: 73.593 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY013371.D
Acq: 20 Apr 2023 16:23

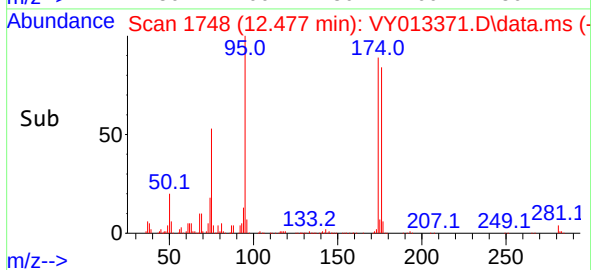
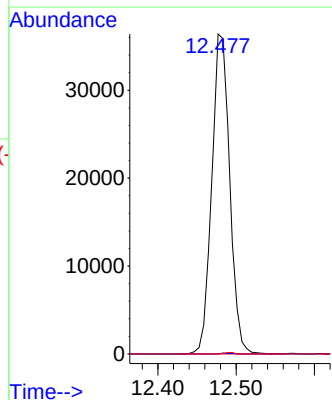
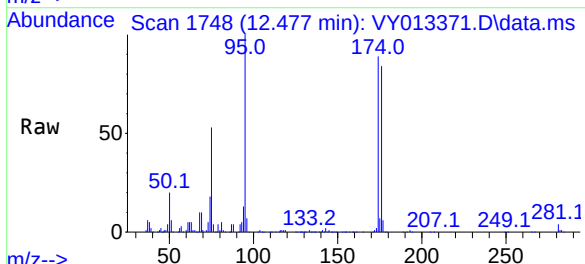
Instrument :
MSVOA_Y
ClientSampleId :

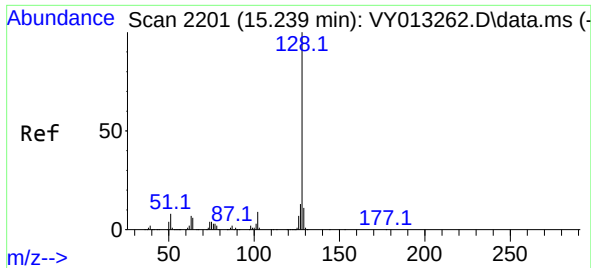
Tgt Ion: 75 Resp: 57897
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 152.741 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY013371.D
Acq: 20 Apr 2023 16:23

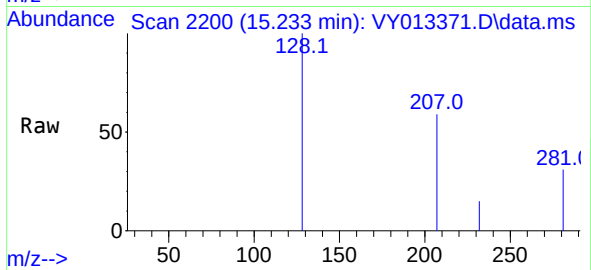
Tgt Ion: 75 Resp: 57897
Ion Ratio Lower Upper
75 100
53 0.1 73.4 110.0#
89 0.2 36.6 55.0#





#95
Naphthalene
Concen: 3.331 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.007 min
Lab File: VY013371.D
Acq: 20 Apr 2023 16:23

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	128	Resp:	374
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.6	13.0#

