

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082322\
 Data File : VY010170.D
 Acq On : 23 Aug 2022 17:10
 Operator : KP/MD
 Sample : N4272-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PSC-124042

Quant Time: Aug 24 04:33:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

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

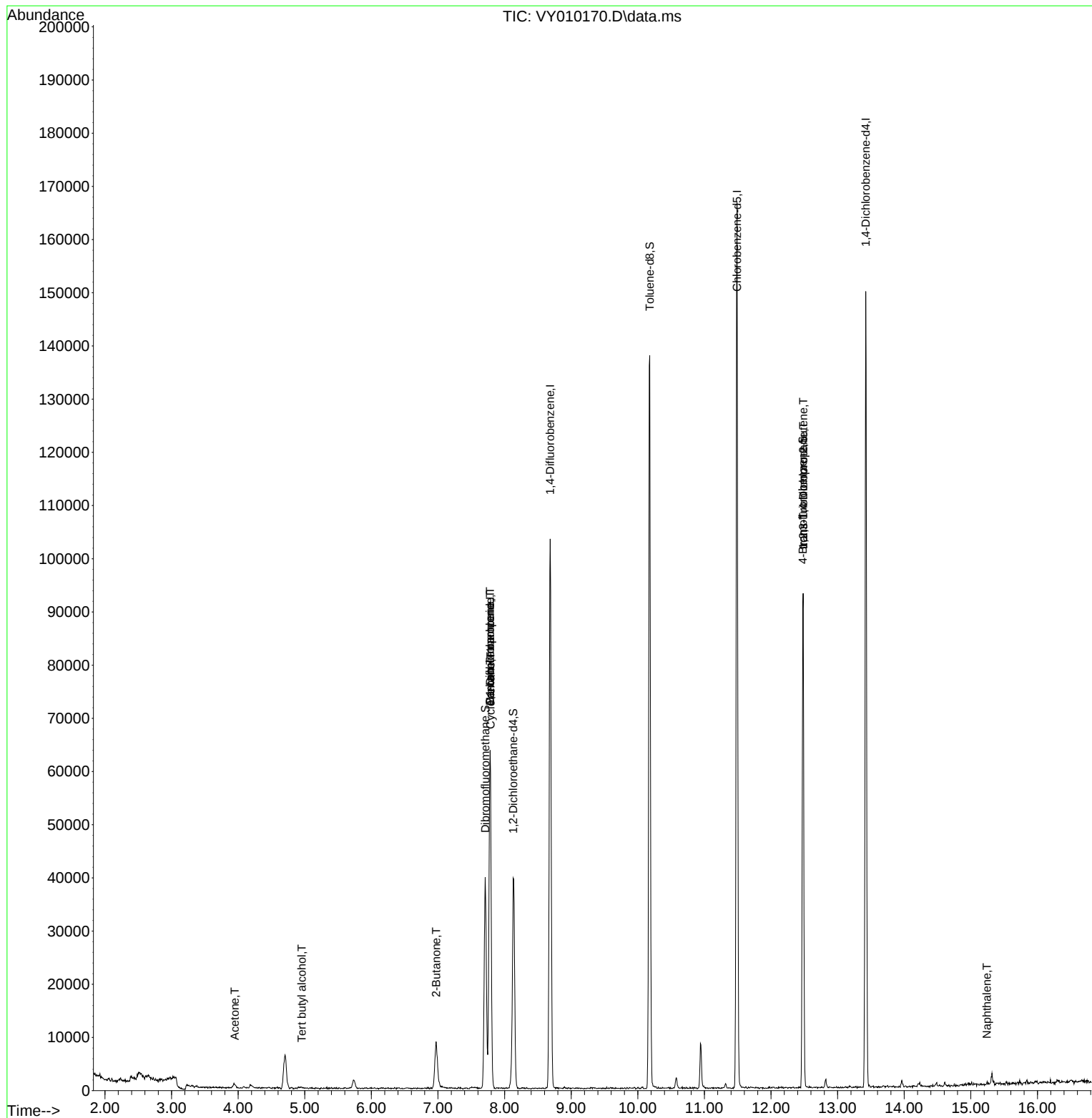
Internal Standards						
1) Pentafluorobenzene	7.783	168	52500	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	90662	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	92032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	40570	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	29723	69.119	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 138.240%			
35) Dibromofluoromethane	7.710	113	27813	54.443	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.880%			
50) Toluene-d8	10.179	98	94712	49.477	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.960%			
62) 4-Bromofluorobenzene	12.477	95	28274	41.339	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 82.680%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.954	59	386	18.751	ug/l #	73
16) Acetone	3.948	43	1417	13.166	ug/l	97
20) Methylene Chloride	4.704	84	4760	Below Cal	#	92
25) 2-Butanone	6.972	43	546	3.154	ug/l #	46
31) Cyclohexane	7.789	56	1030	1.169	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	3884	4.763	ug/l #	46
38) Carbon Tetrachloride	7.783	117	5168	6.043	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	14080	37.058	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	14080	74.430	ug/l #	18
95) Naphthalene	15.239	128	283	4.057	ug/l #	69

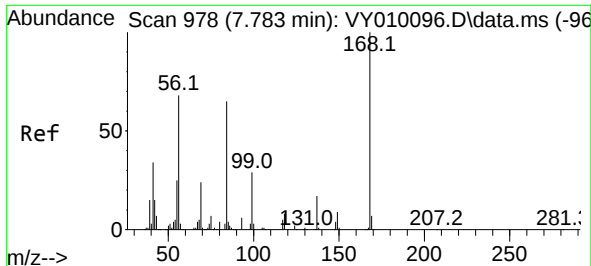
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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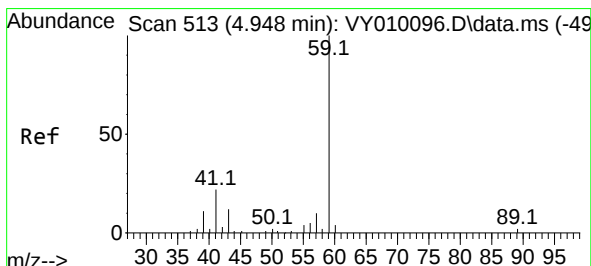
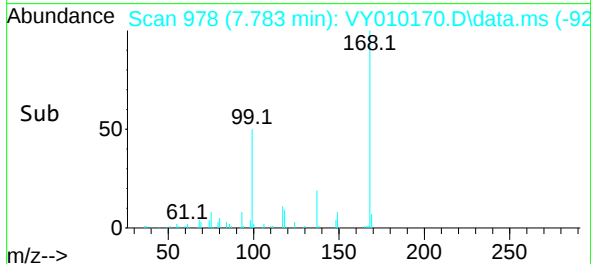
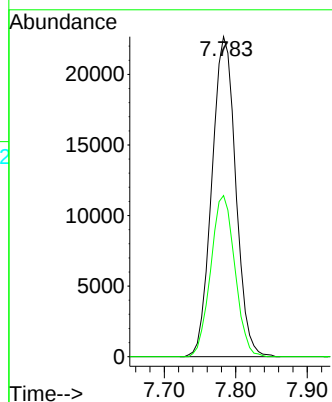
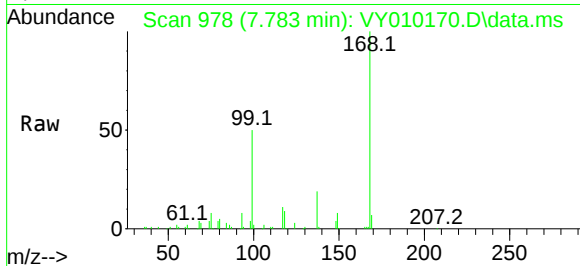




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010170.D
Acq: 23 Aug 2022 17:10

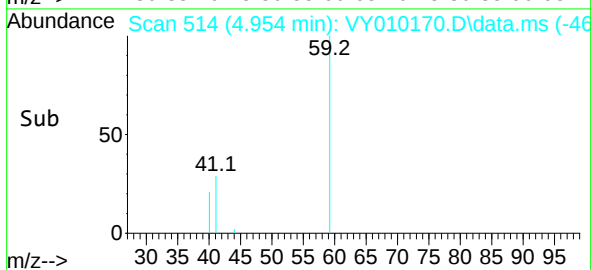
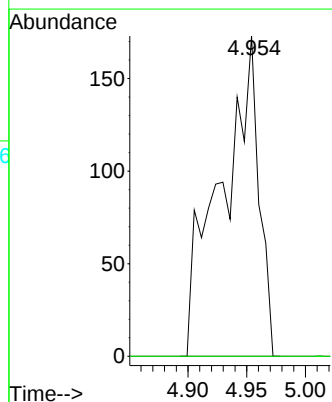
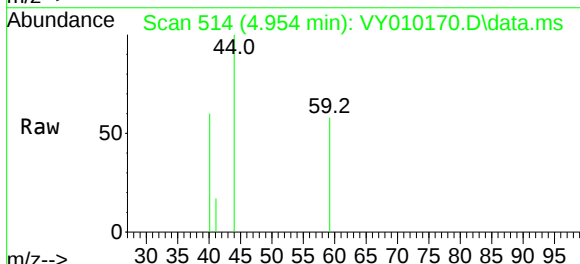
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124042

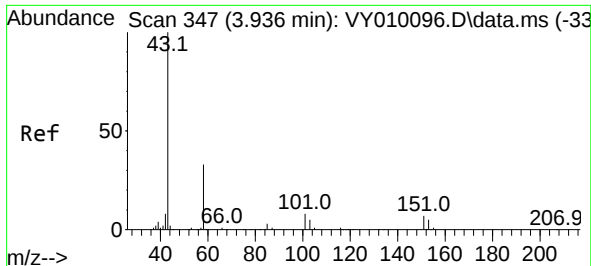
Tgt Ion:168 Resp: 52500
Ion Ratio Lower Upper
168 100
99 50.4 40.7 61.1



#11
Tert butyl alcohol
Concen: 18.751 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY010170.D
Acq: 23 Aug 2022 17:10

Tgt Ion: 59 Resp: 386
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#16

Acetone

Concen: 13.166 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.012 min

Lab File: VY010170.D

Acq: 23 Aug 2022 17:10

Instrument :

MSVOA_Y

ClientSampleId :

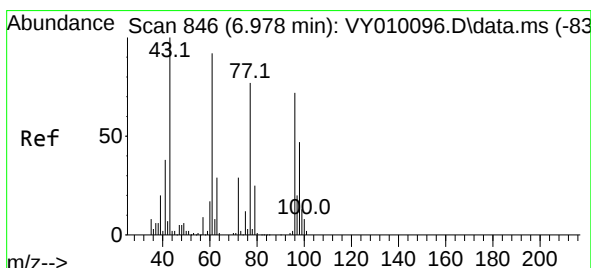
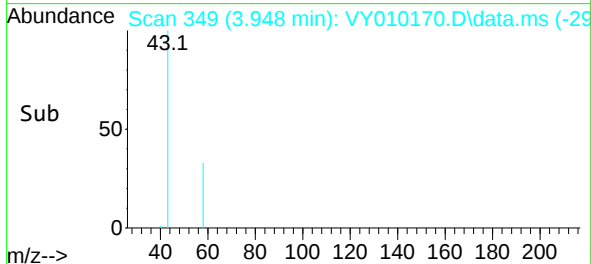
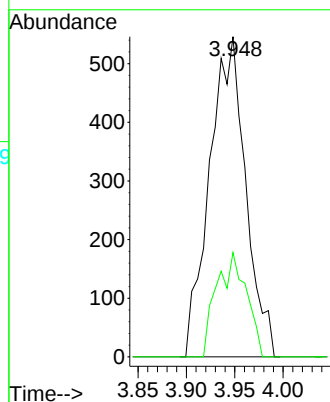
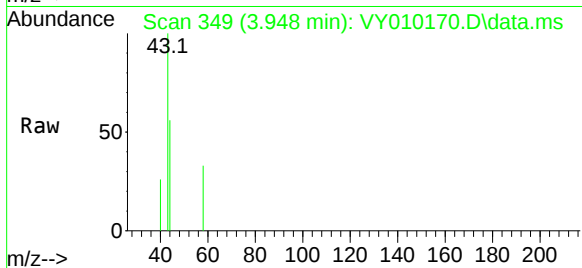
PSC-124042

Tgt Ion: 43 Resp: 1417

Ion Ratio Lower Upper

43 100

58 32.6 27.4 41.0



#25

2-Butanone

Concen: 3.154 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY010170.D

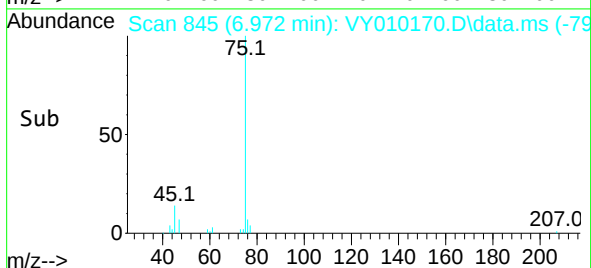
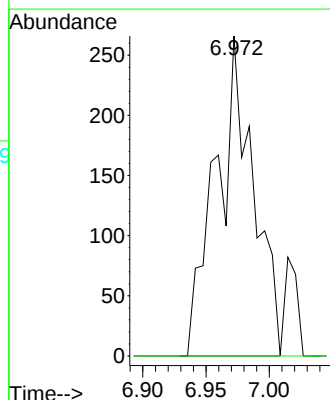
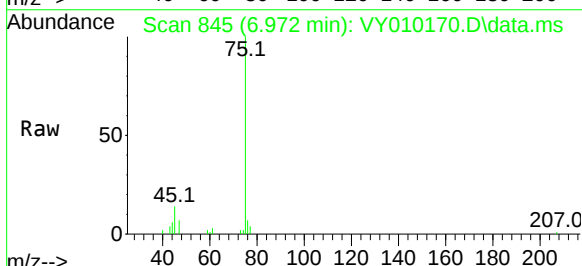
Acq: 23 Aug 2022 17:10

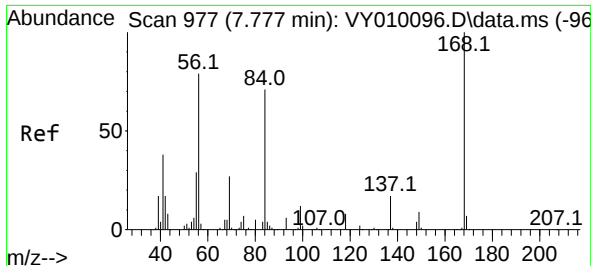
Tgt Ion: 43 Resp: 546

Ion Ratio Lower Upper

43 100

72 0.0 23.2 34.8#

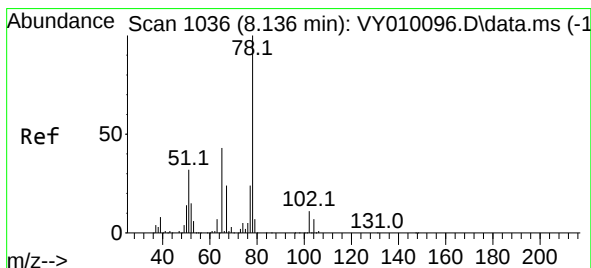
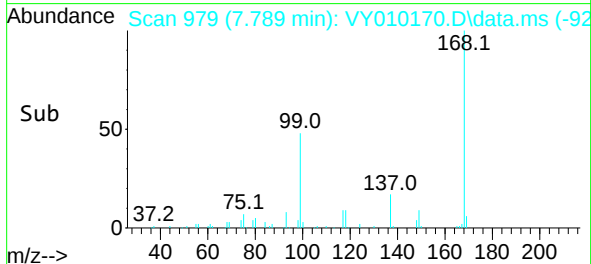
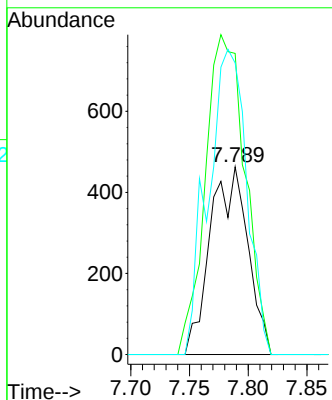
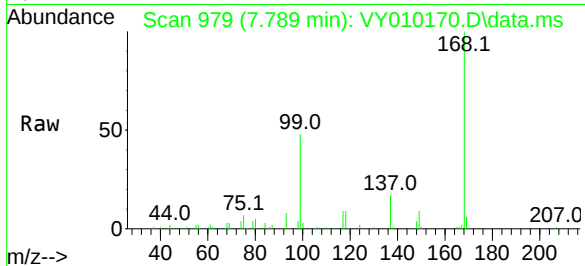




#31
Cyclohexane
Concen: 1.169 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY010170.D
Acq: 23 Aug 2022 17:10

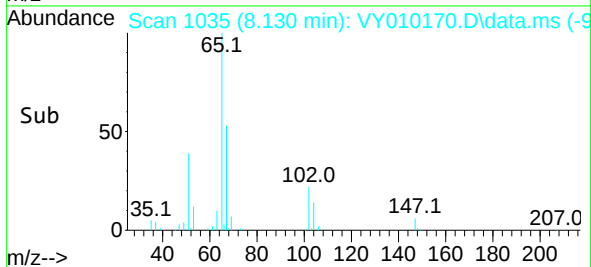
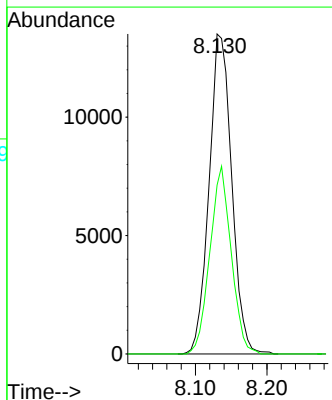
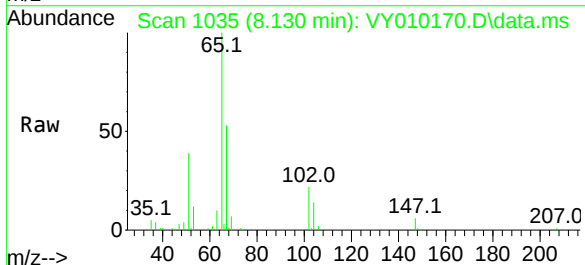
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124042

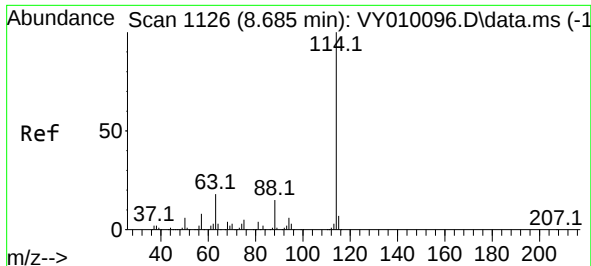
Tgt Ion: 56 Resp: 1030
Ion Ratio Lower Upper
56 100
69 160.5 27.3 40.9#
84 155.3 72.6 109.0#



#33
1,2-Dichloroethane-d4
Concen: 69.119 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY010170.D
Acq: 23 Aug 2022 17:10

Tgt Ion: 65 Resp: 29723
Ion Ratio Lower Upper
65 100
67 55.3 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010170.D

Acq: 23 Aug 2022 17:10

Instrument :

MSVOA_Y

ClientSampleId :

PSC-124042

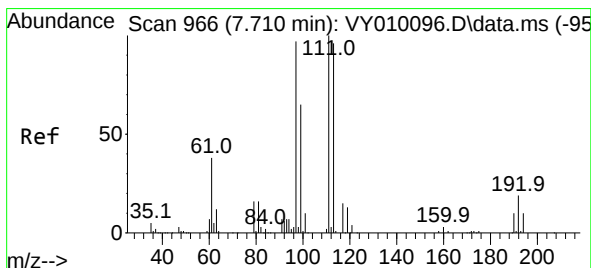
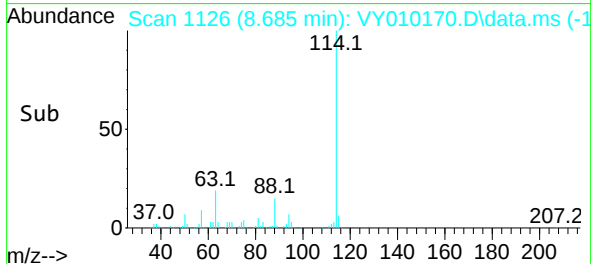
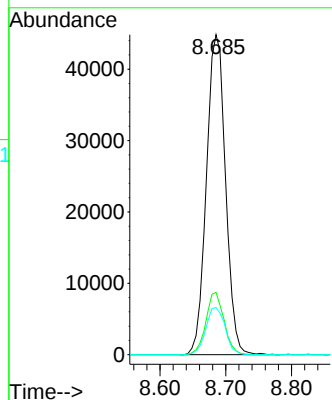
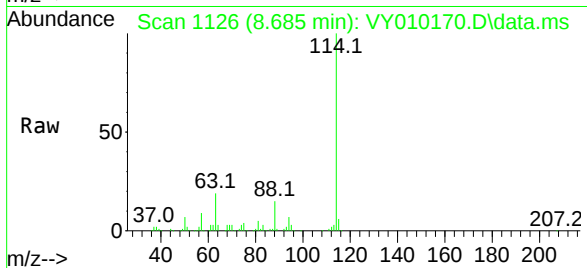
Tgt Ion:114 Resp: 90662

Ion Ratio Lower Upper

114 100

63 19.4 0.0 35.6

88 14.7 0.0 29.6



#35

Dibromofluoromethane

Concen: 54.443 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010170.D

Acq: 23 Aug 2022 17:10

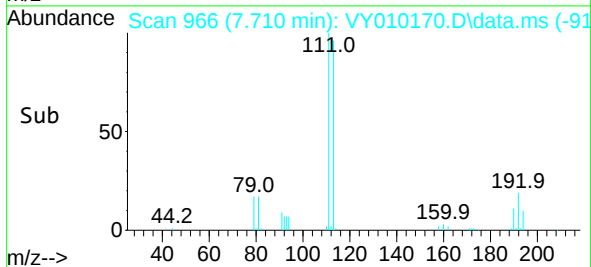
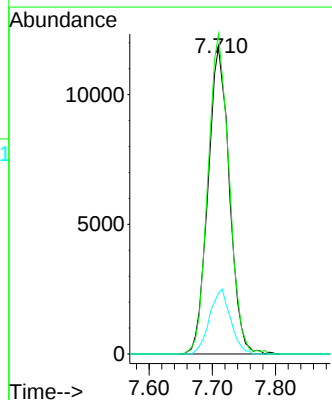
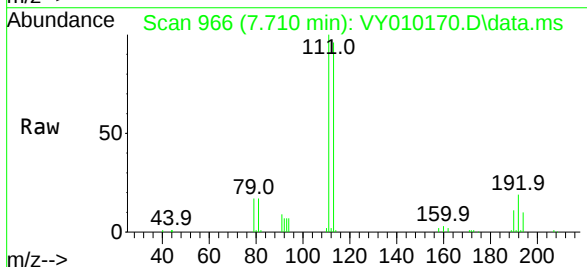
Tgt Ion:113 Resp: 27813

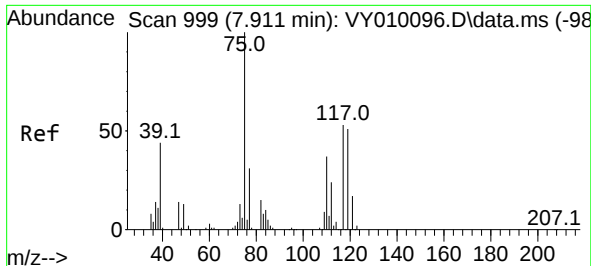
Ion Ratio Lower Upper

113 100

111 103.5 82.8 124.2

192 20.6 16.3 24.5

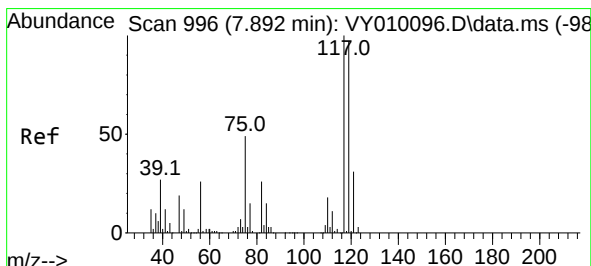
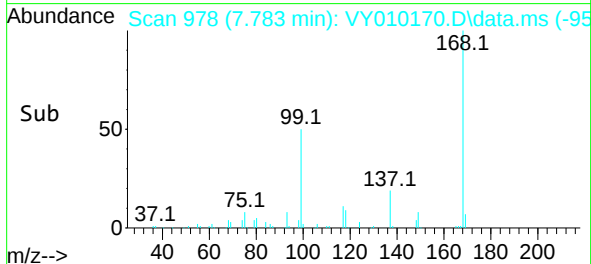
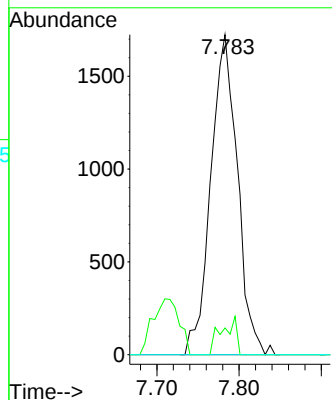
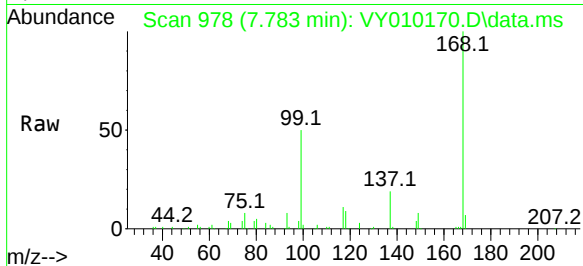




#36
1,1-Dichloropropene
Concen: 4.763 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY010170.D
Acq: 23 Aug 2022 17:10

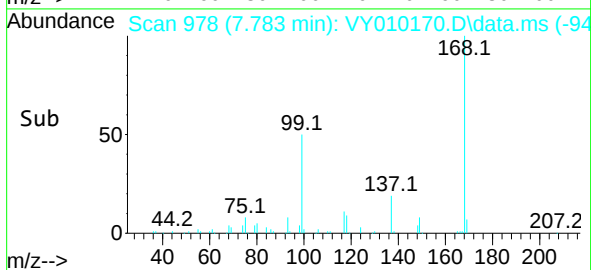
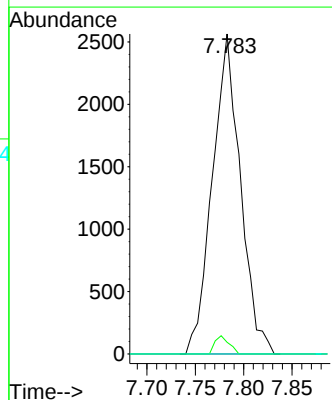
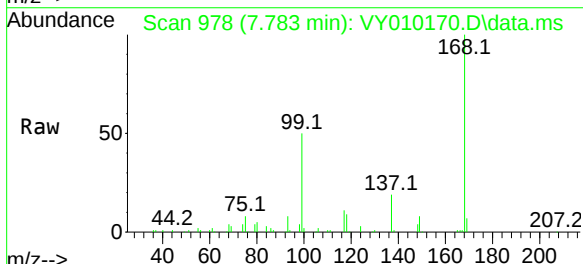
Instrument :
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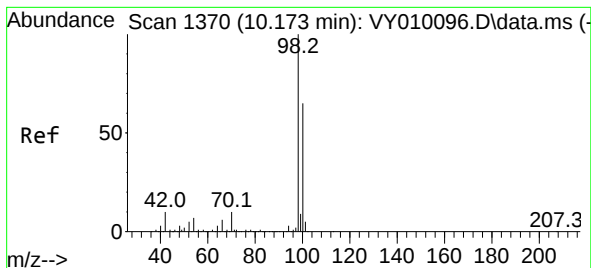
Tgt Ion: 75 Resp: 3884
Ion Ratio Lower Upper
75 100
110 6.7 18.6 56.0#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.043 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.109 min
Lab File: VY010170.D
Acq: 23 Aug 2022 17:10

Tgt Ion: 117 Resp: 5168
Ion Ratio Lower Upper
117 100
119 3.6 77.1 115.7#
121 0.0 24.7 37.1#

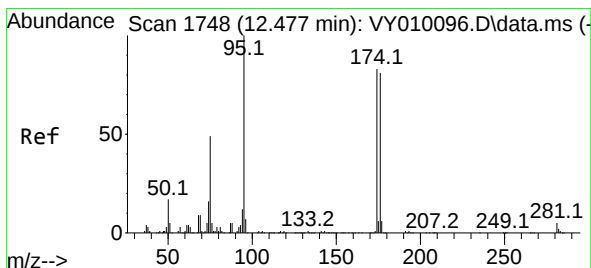
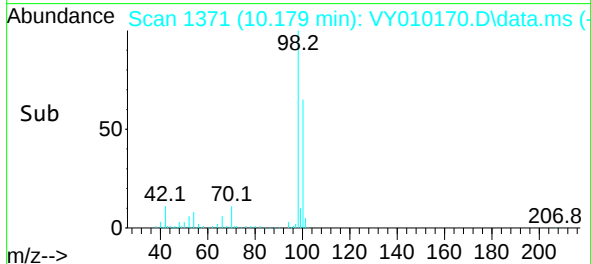
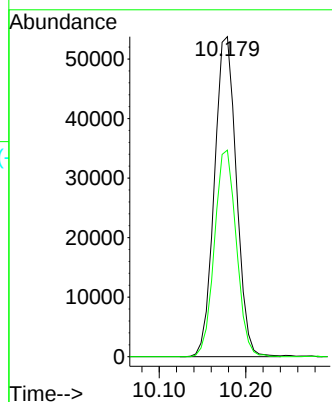
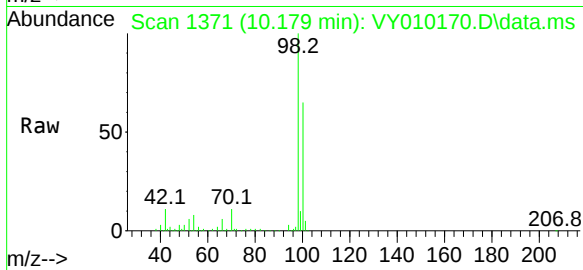




#50
Toluene-d8
Concen: 49.477 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010170.D
Acq: 23 Aug 2022 17:10

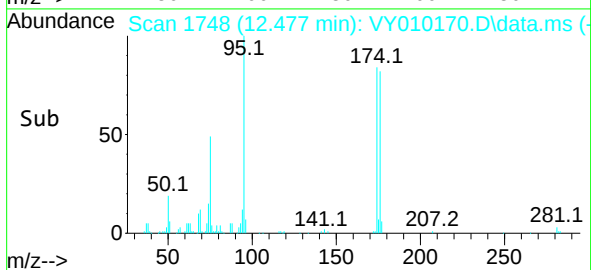
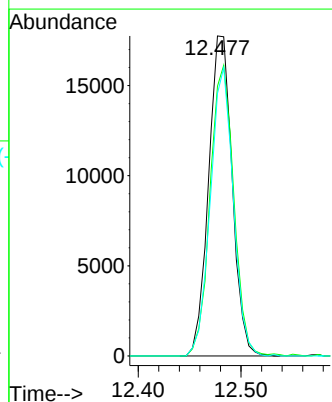
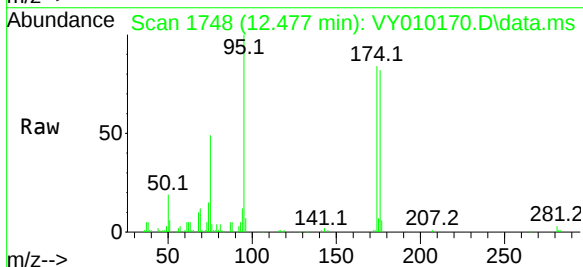
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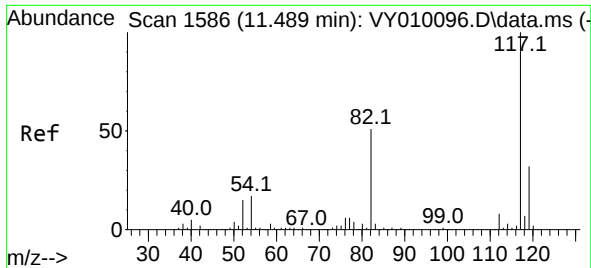
Tgt Ion: 98 Resp: 94712
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 41.339 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010170.D
Acq: 23 Aug 2022 17:10

Tgt Ion: 95 Resp: 28274
Ion Ratio Lower Upper
95 100
174 91.1 0.0 173.8
176 87.2 0.0 167.2

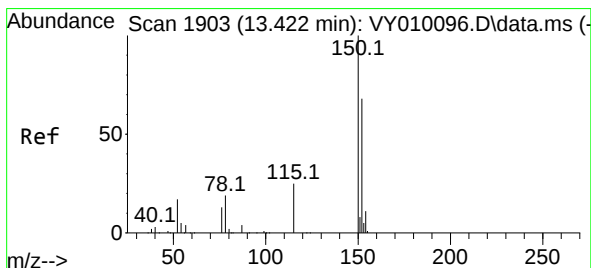
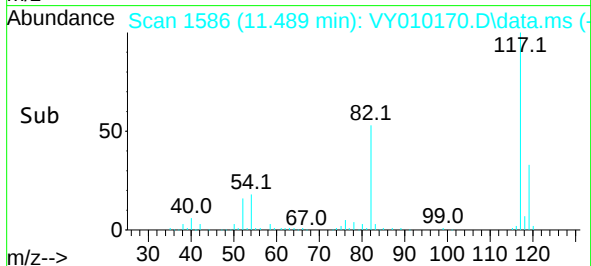
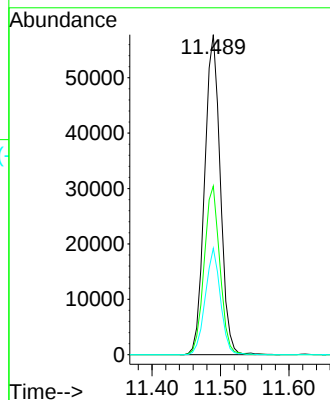
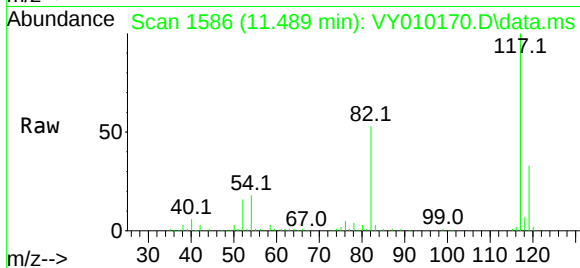




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY010170.D
Acq: 23 Aug 2022 17:10

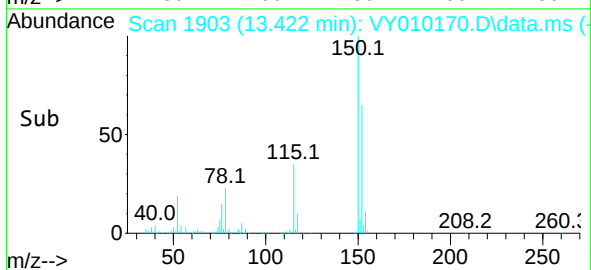
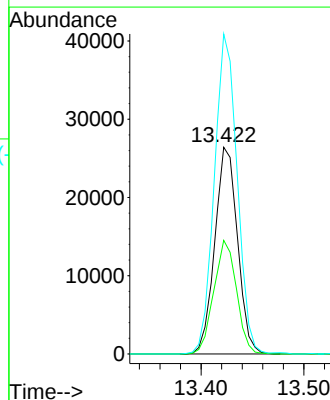
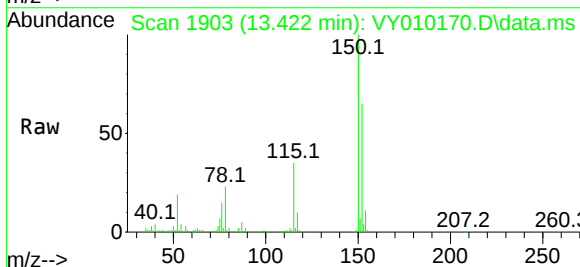
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124042

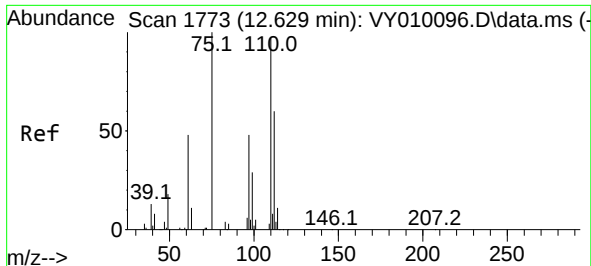
Tgt Ion:117 Resp: 92032
Ion Ratio Lower Upper
117 100
82 52.7 40.6 61.0
119 33.3 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010170.D
Acq: 23 Aug 2022 17:10

Tgt Ion:152 Resp: 40570
Ion Ratio Lower Upper
152 100
115 54.7 28.1 84.2
150 155.5 0.0 346.2

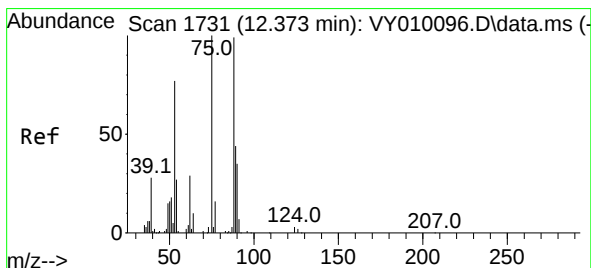
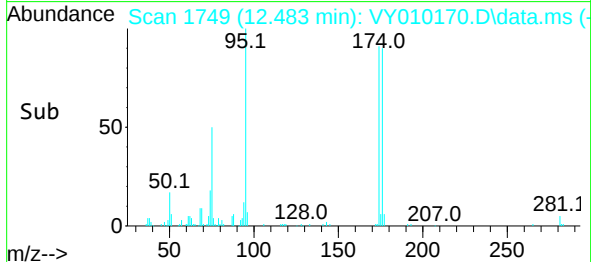
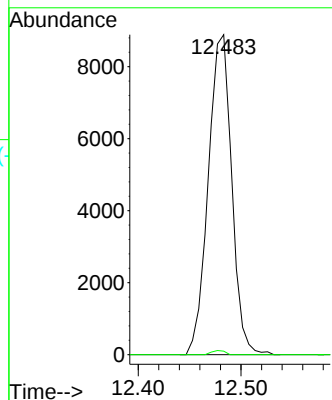
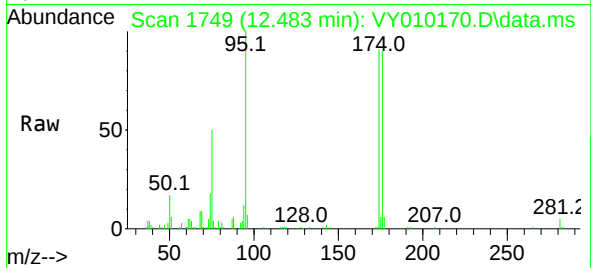




#76
1,2,3-Trichloropropane
Concen: 37.058 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY010170.D
Acq: 23 Aug 2022 17:10

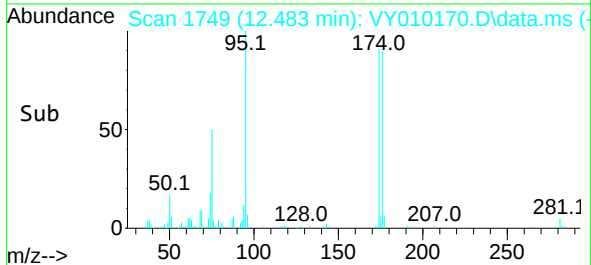
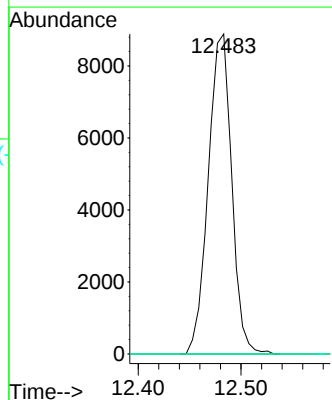
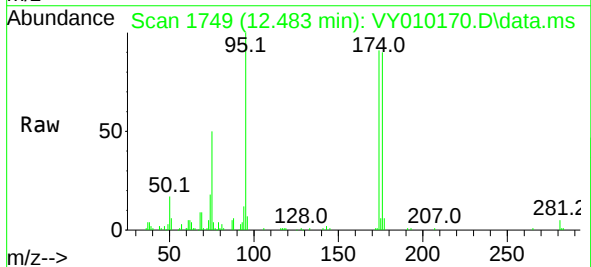
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124042

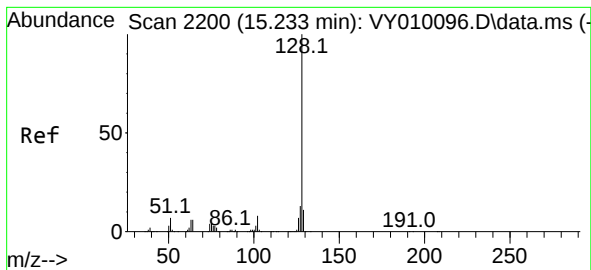
Tgt Ion: 75 Resp: 14080
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.430 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.110 min
Lab File: VY010170.D
Acq: 23 Aug 2022 17:10

Tgt Ion: 75 Resp: 14080
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.0 36.8 55.2#





#95

Naphthalene

Concen: 4.057 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY010170.D

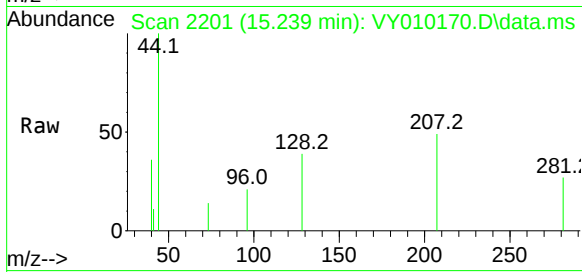
Acq: 23 Aug 2022 17:10

Instrument :

MSVOA_Y

ClientSampleId :

PSC-124042



Tgt Ion:128 Resp: 283

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

129 0.0 8.9 13.3#

