

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012023\
 Data File : VY012289.D
 Acq On : 20 Jan 2023 14:39
 Operator : KP/MD
 Sample : 01190-11RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-10

Quant Time: Jan 23 02:20:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

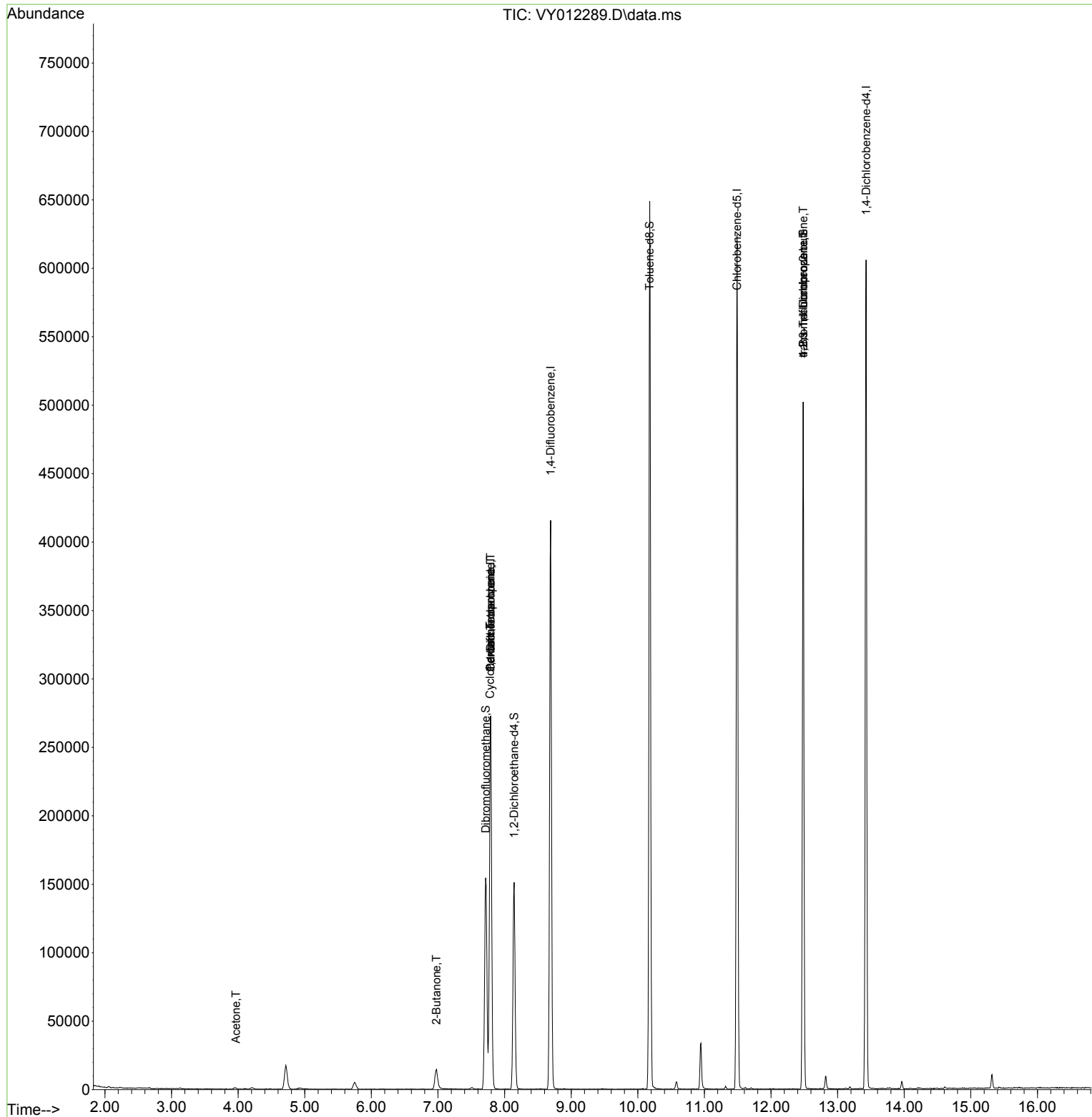
Internal Standards						
1) Pentafluorobenzene	7.789	168	221658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	368157	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	353670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	166527	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	120338	66.820	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.640%	
35) Dibromofluoromethane	7.716	113	110564	56.717	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.440%	
50) Toluene-d8	10.179	98	435730	65.888	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 131.780%	
62) 4-Bromofluorobenzene	12.483	95	147788	53.779	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.560%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.911	59	466	Below Cal	#	86
16) Acetone	3.966	43	1886	3.056	ug/l #	82
20) Methylene Chloride	4.716	84	13831	Below Cal		92
25) 2-Butanone	6.978	43	733	1.076	ug/l #	46
31) Cyclohexane	7.783	56	3569	1.104	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	14776	4.460	ug/l #	52
38) Carbon Tetrachloride	7.789	117	21356	4.991	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	75459	49.279	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	75459	101.535	ug/l #	13

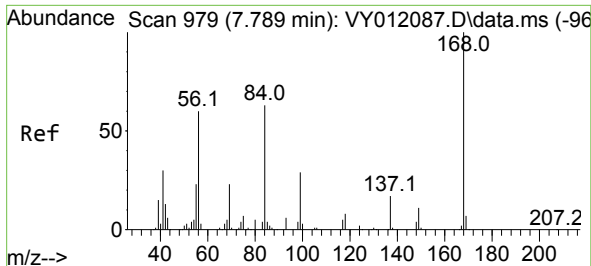
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012023\
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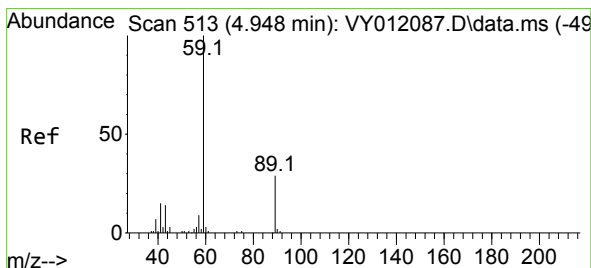
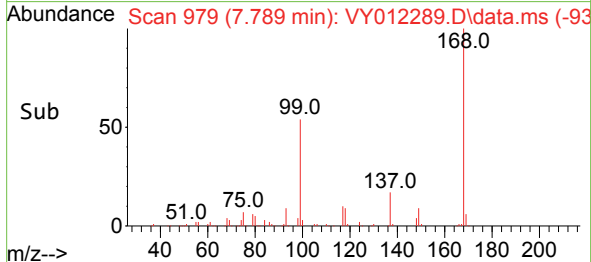
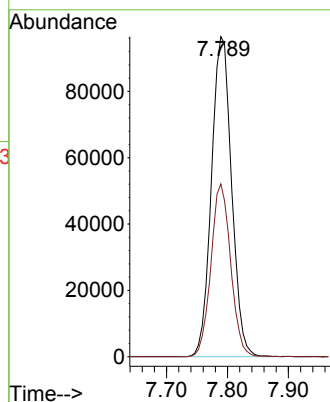
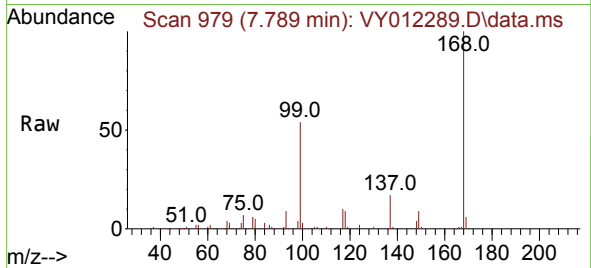




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012289.D
Acq: 20 Jan 2023 14:39

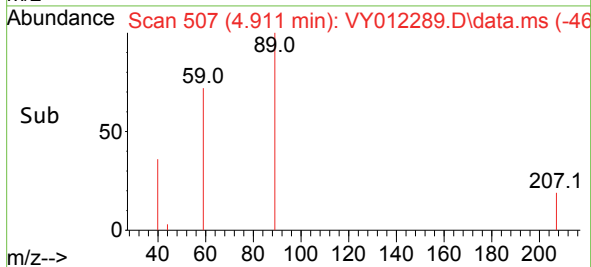
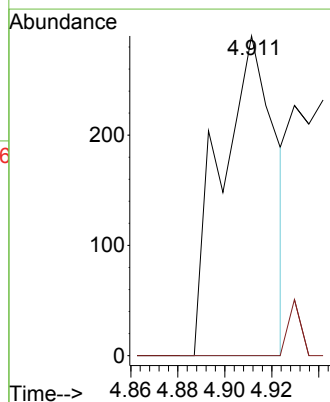
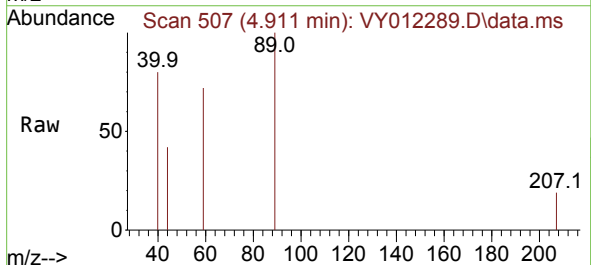
Instrument :
MSVOA_Y
ClientSampleId :
PE-10

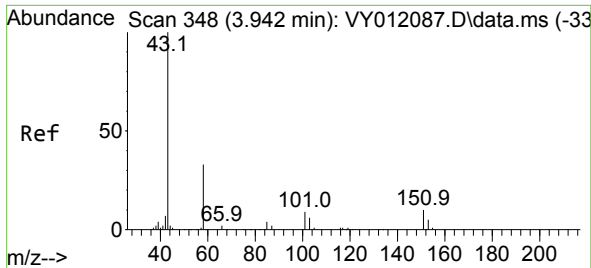
Tgt Ion:168 Resp: 221658
Ion Ratio Lower Upper
168 100
99 54.0 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.911 min Scan# 507
Delta R.T. -0.037 min
Lab File: VY012289.D
Acq: 20 Jan 2023 14:39

Tgt Ion: 59 Resp: 466
Ion Ratio Lower Upper
59 100
57 4.1 7.4 11.2#





#16

Acetone

Concen: 3.056 ug/l

RT: 3.966 min Scan# 3

Delta R.T. 0.024 min

Lab File: VY012289.D

Acq: 20 Jan 2023 14:39

Instrument :

MSVOA_Y

ClientSampleId :

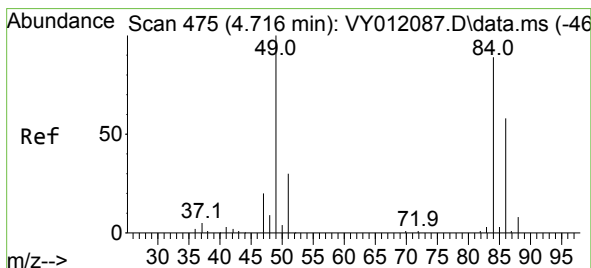
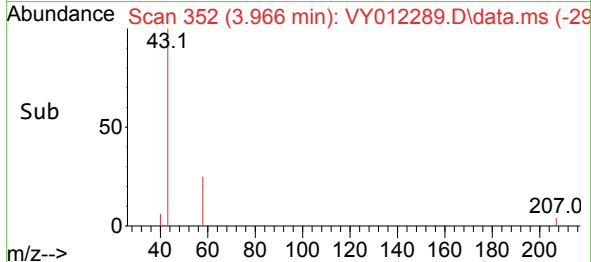
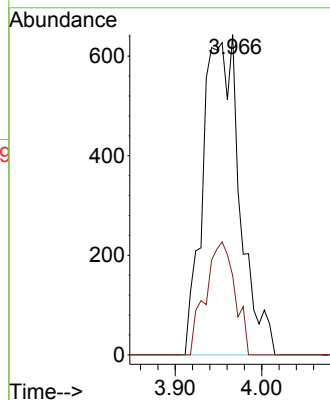
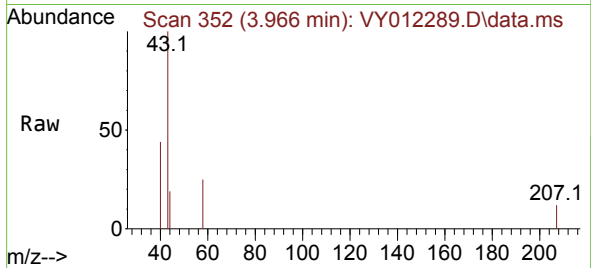
PE-10

Tgt Ion: 43 Resp: 1886

Ion Ratio Lower Upper

43 100

58 24.7 27.9 41.9#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY012289.D

Acq: 20 Jan 2023 14:39

Tgt Ion: 84 Resp: 13831

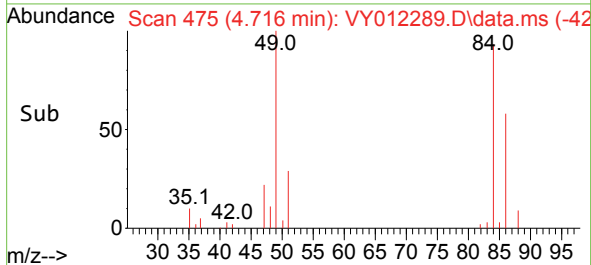
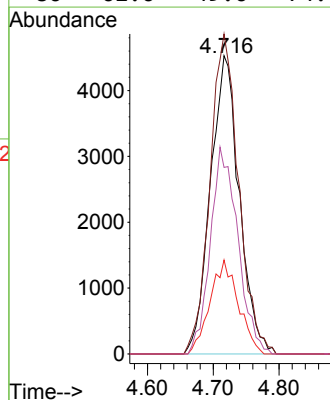
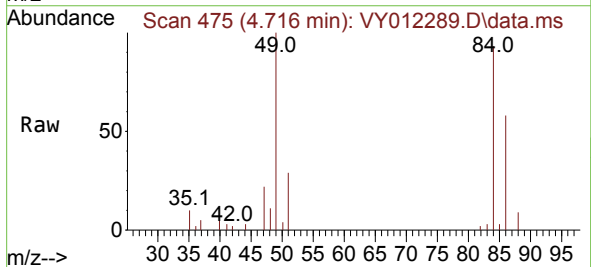
Ion Ratio Lower Upper

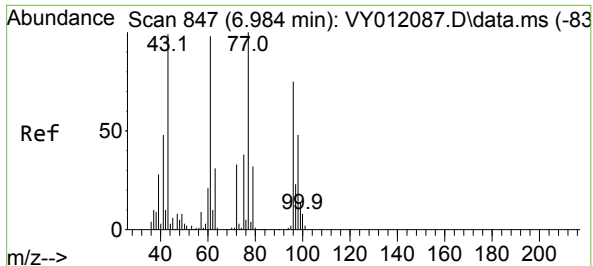
84 100

49 107.3 95.4 143.2

51 31.5 29.9 44.9

86 62.6 49.6 74.4

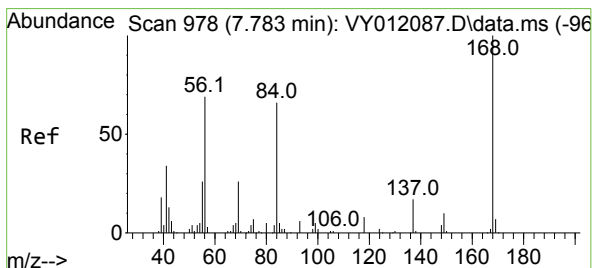
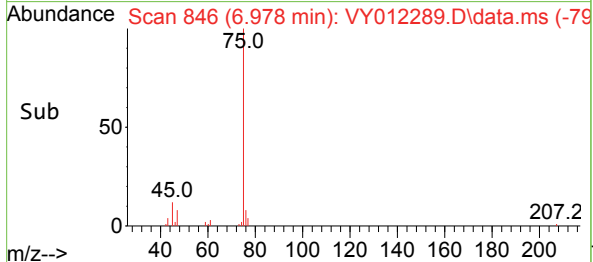
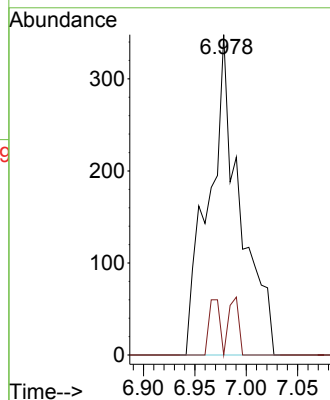
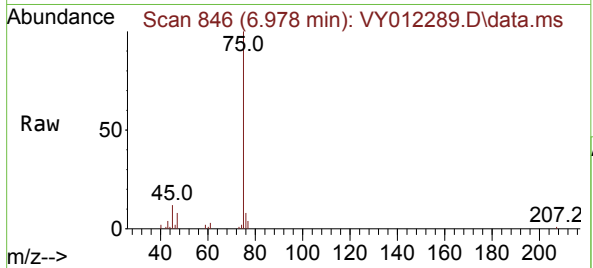




#25
2-Butanone
Concen: 1.076 ug/l
RT: 6.978 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY012289.D
Acq: 20 Jan 2023 14:39

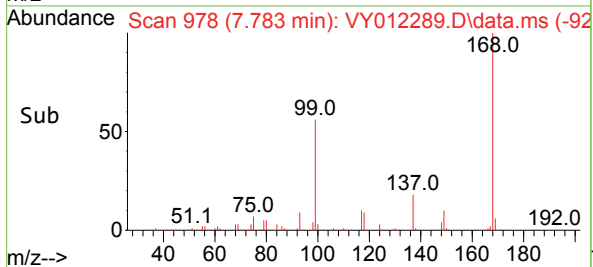
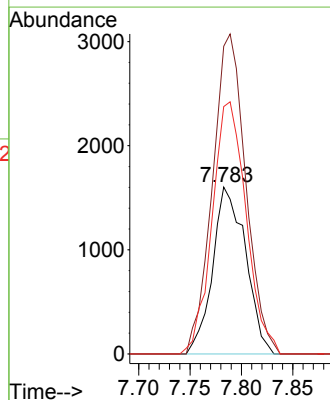
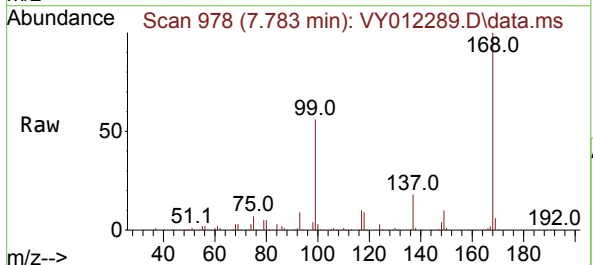
Instrument :
MSVOA_Y
ClientSampleId :
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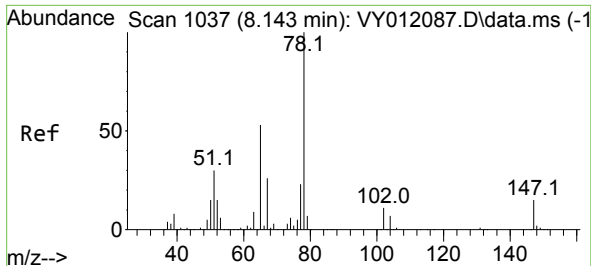
Tgt Ion: 43 Resp: 733
Ion Ratio Lower Upper
43 100
72 0.0 22.6 34.0#



#31
Cyclohexane
Concen: 1.104 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY012289.D
Acq: 20 Jan 2023 14:39

Tgt Ion: 56 Resp: 3569
Ion Ratio Lower Upper
56 100
69 184.5 29.2 43.8#
84 148.3 72.6 108.8#

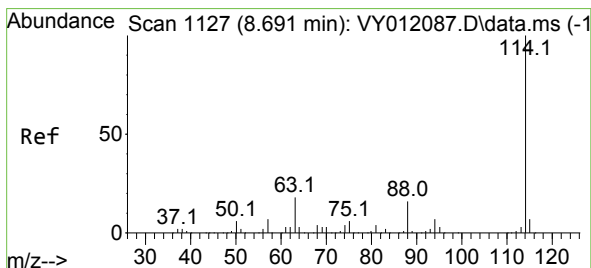
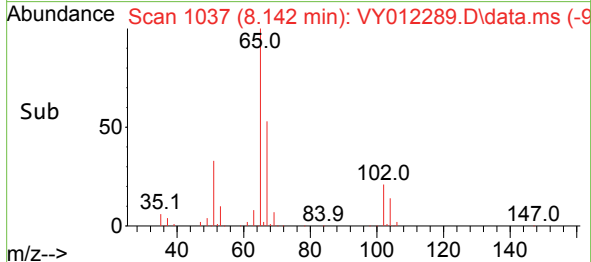
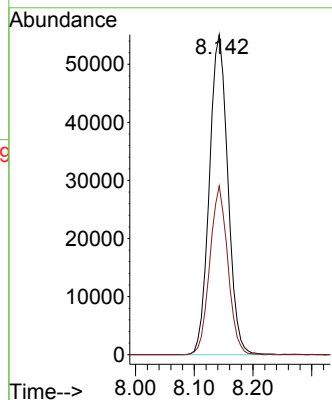
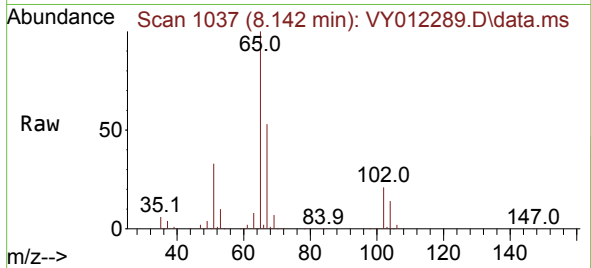




#33
 1,2-Dichloroethane-d4
 Concen: 66.820 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.001 min
 Lab File: VY012289.D
 Acq: 20 Jan 2023 14:39

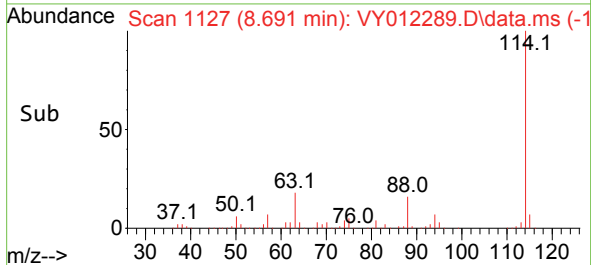
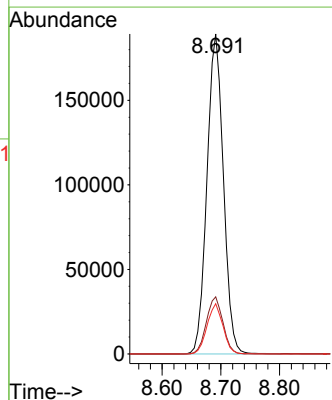
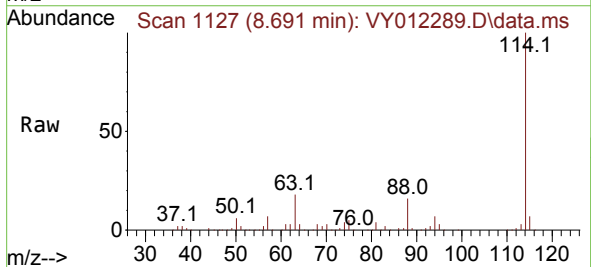
Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-10

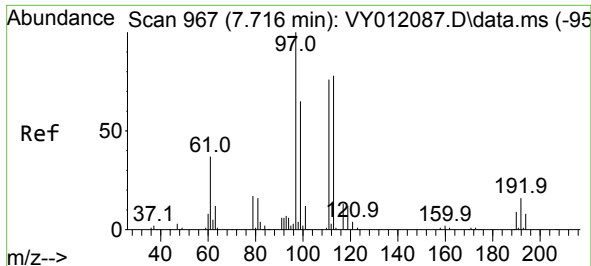
Tgt Ion: 65 Resp: 120338
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY012289.D
 Acq: 20 Jan 2023 14:39

Tgt Ion:114 Resp: 368157
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 39.6
 88 15.7 0.0 32.2

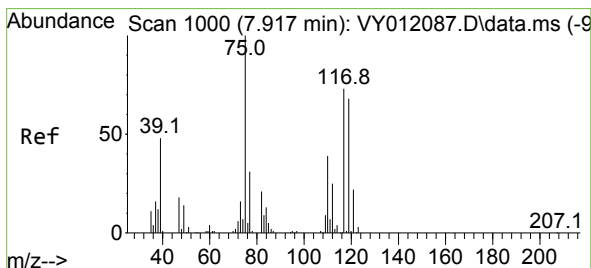
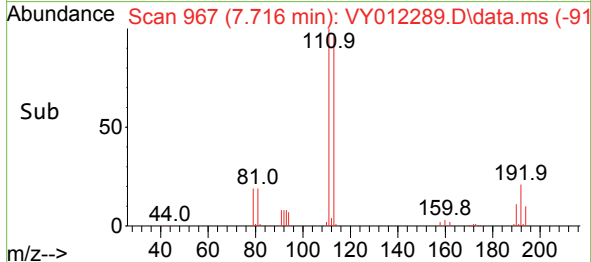
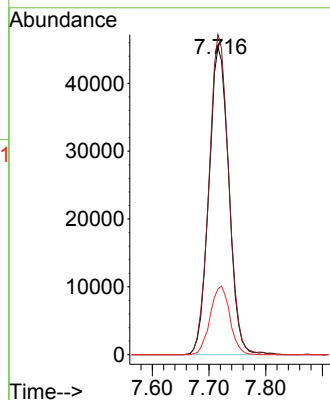
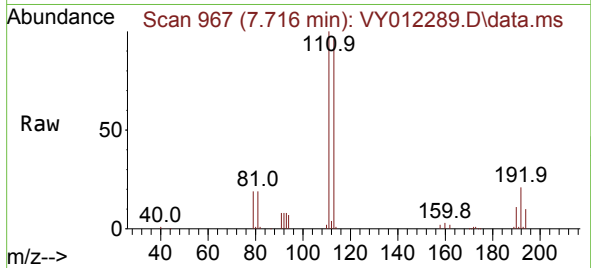




#35
Dibromofluoromethane
Concen: 56.717 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY012289.D
Acq: 20 Jan 2023 14:39

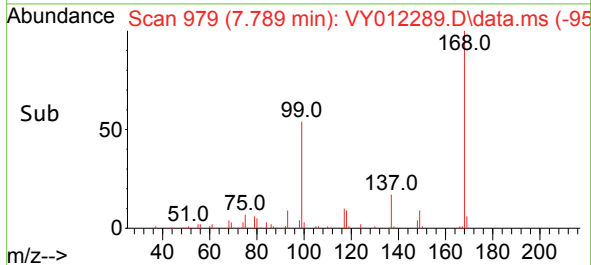
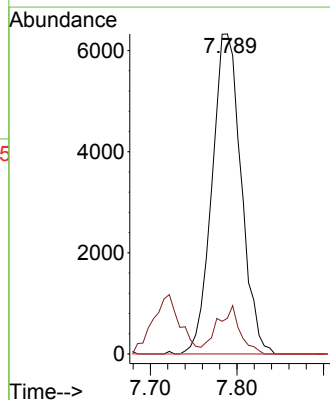
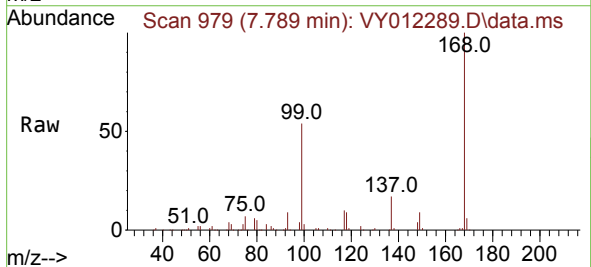
Instrument :
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ClientSampleId :
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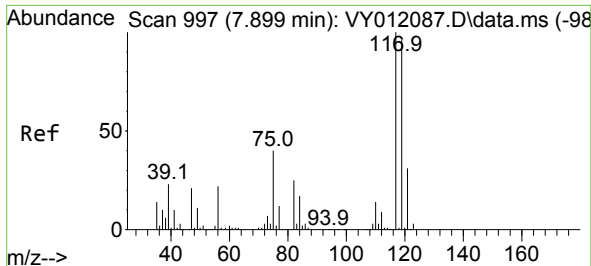
Tgt Ion:113 Resp: 110564
Ion Ratio Lower Upper
113 100
111 103.4 83.0 124.4
192 22.0 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.460 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012289.D
Acq: 20 Jan 2023 14:39

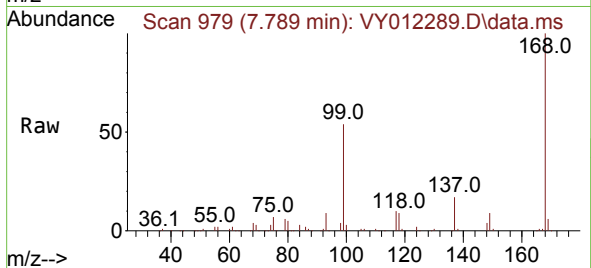
Tgt Ion: 75 Resp: 14776
Ion Ratio Lower Upper
75 100
110 11.8 18.1 54.1#
77 0.0 25.1 37.7#



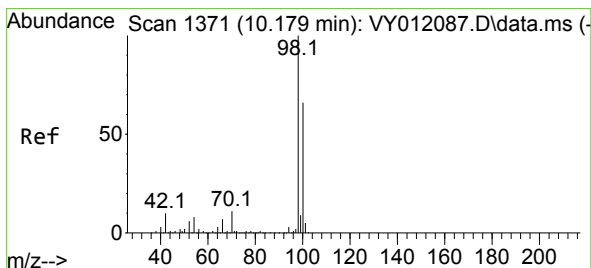
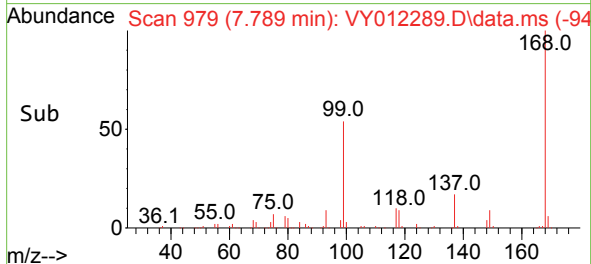
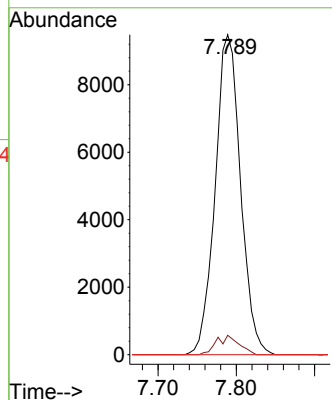


#38
Carbon Tetrachloride
Concen: 4.991 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012289.D
Acq: 20 Jan 2023 14:39

Instrument :
MSVOA_Y
ClientSampleId :
PE-10

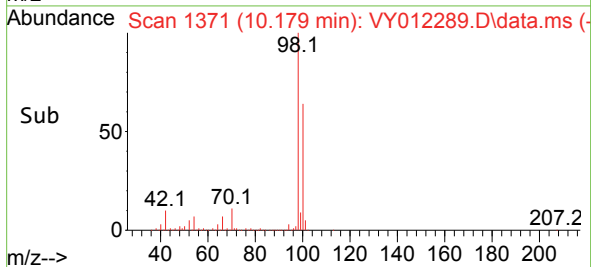
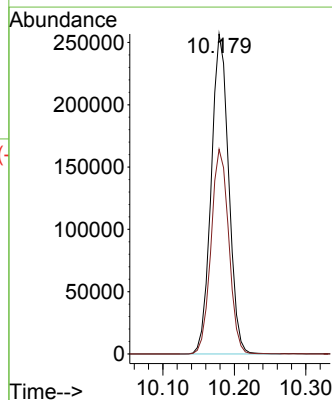
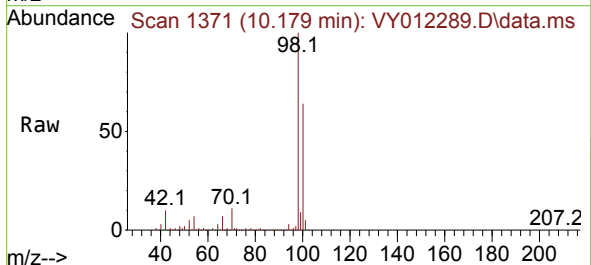


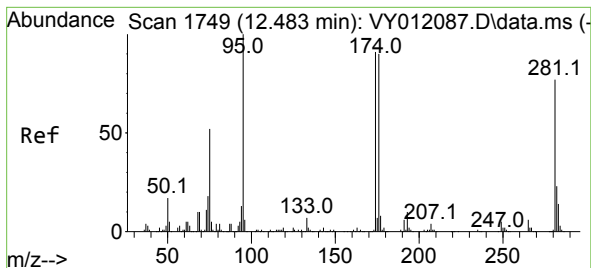
Tgt Ion:117 Resp: 21356
Ion Ratio Lower Upper
117 100
119 6.0 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 65.888 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012289.D
Acq: 20 Jan 2023 14:39

Tgt Ion: 98 Resp: 435730
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9

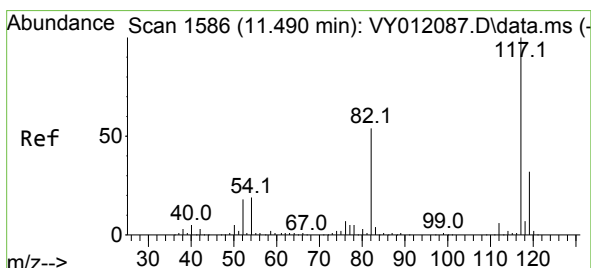
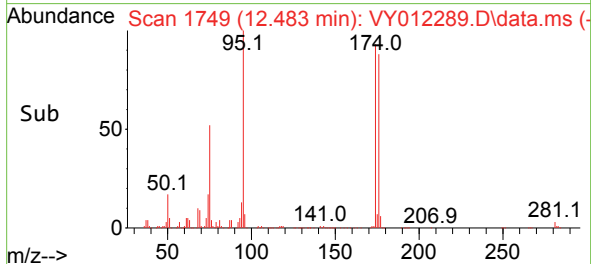
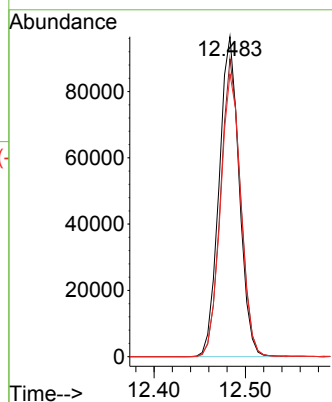
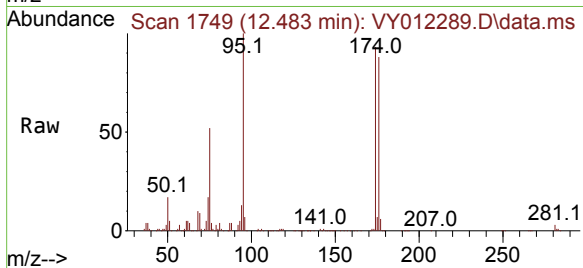




#62
4-Bromofluorobenzene
Concen: 53.779 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012289.D
Acq: 20 Jan 2023 14:39

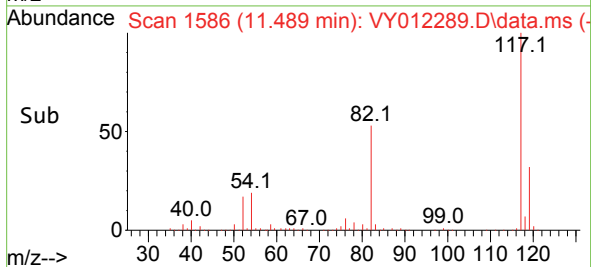
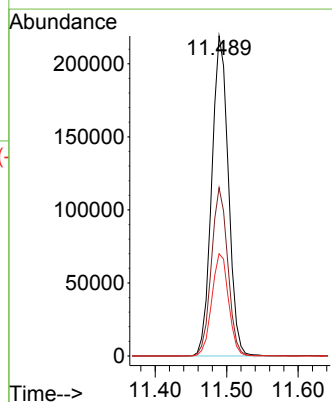
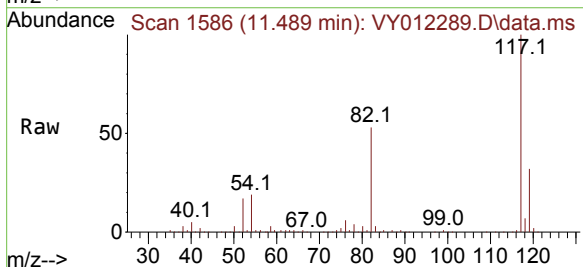
Instrument :
MSVOA_Y
ClientSampleId :
PE-10

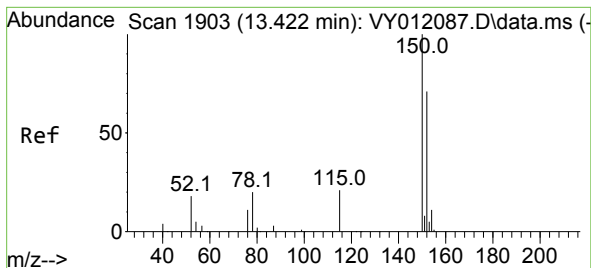
Tgt Ion: 95 Resp: 147788
Ion Ratio Lower Upper
95 100
174 92.2 0.0 172.0
176 89.3 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012289.D
Acq: 20 Jan 2023 14:39

Tgt Ion: 117 Resp: 353670
Ion Ratio Lower Upper
117 100
82 52.6 44.8 67.2
119 32.0 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY012289.D

Acq: 20 Jan 2023 14:39

Instrument :

MSVOA_Y

ClientSampleId :

PE-10

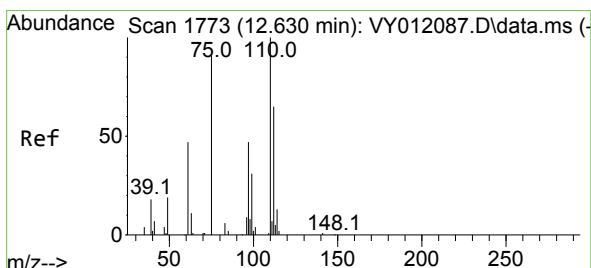
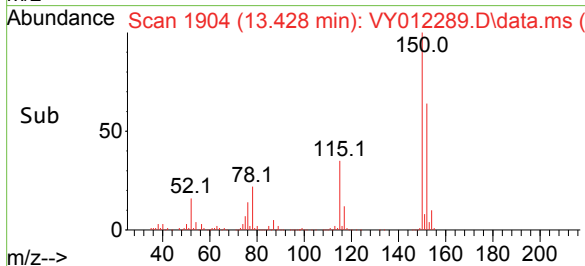
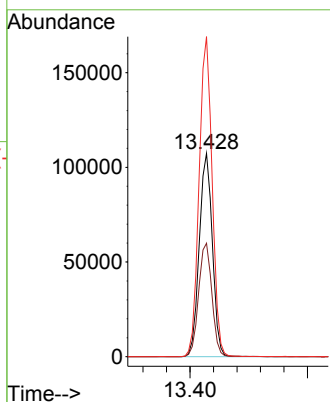
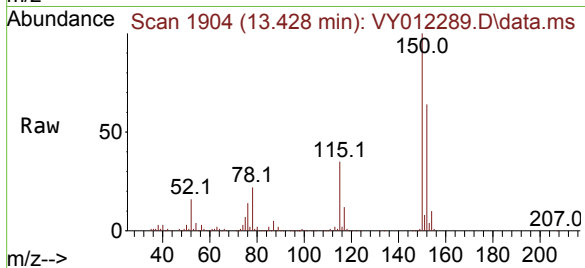
Tgt Ion:152 Resp: 166527

Ion Ratio Lower Upper

152 100

115 56.3 29.1 87.3

150 156.5 0.0 342.6



#76

1,2,3-Trichloropropane

Concen: 49.279 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.147 min

Lab File: VY012289.D

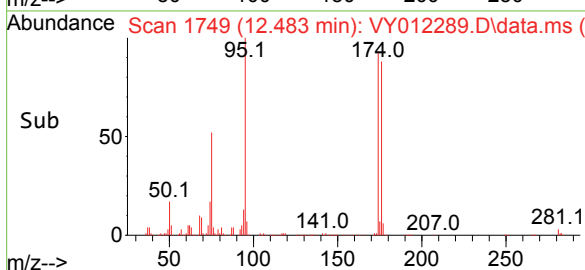
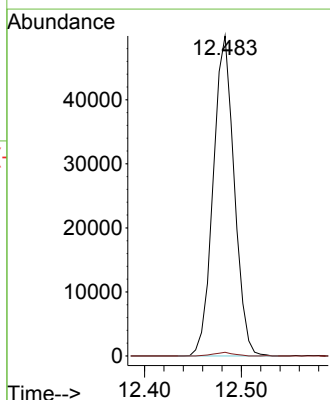
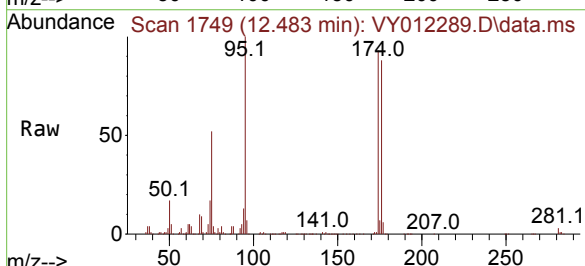
Acq: 20 Jan 2023 14:39

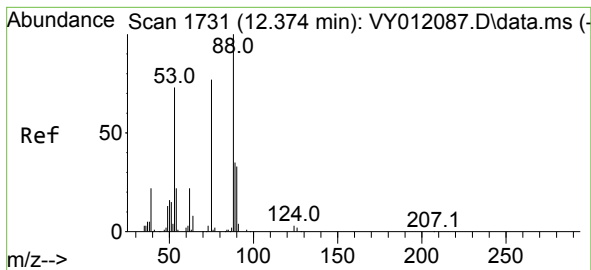
Tgt Ion: 75 Resp: 75459

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.535 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY012289.D
 Acq: 20 Jan 2023 14:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-10

Tgt Ion: 75 Resp: 75459
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.5 108.7#
 89 0.0 37.0 55.4#

