

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082323\
 Data File : VY015299.D
 Acq On : 23 Aug 2023 22:28
 Operator : SY/MD
 Sample : 04110-18
 Misc : 4.75g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 24 02:38:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

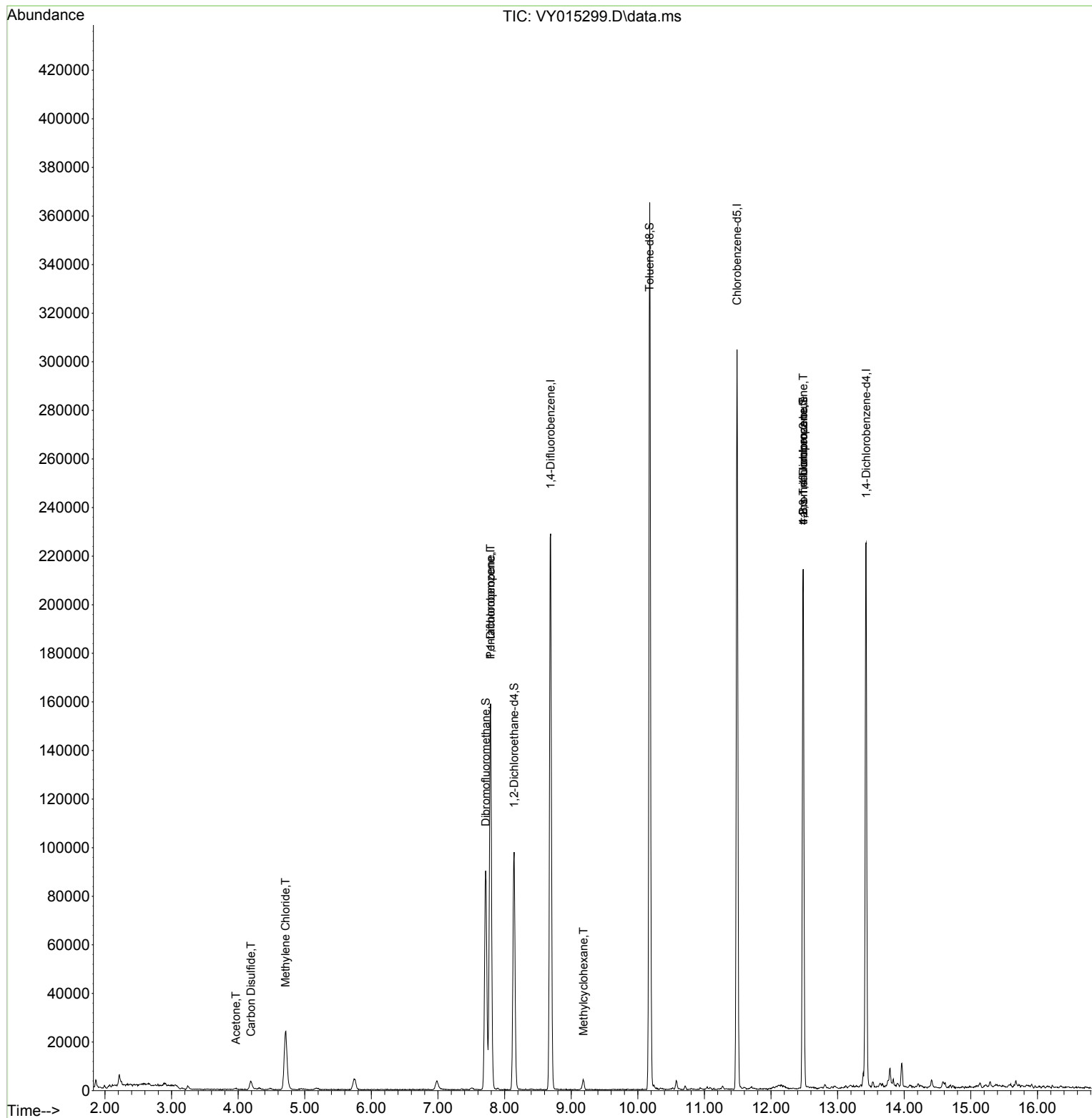
Internal Standards						
1) Pentafluorobenzene	7.789	168	122008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	201040	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	164329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	58181	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	76517	52.245	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.480%	
35) Dibromofluoromethane	7.715	113	62812	48.565	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.120%	
50) Toluene-d8	10.178	98	234627	48.732	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.460%	
62) 4-Bromofluorobenzene	12.483	95	62311	35.434	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 70.860%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	166	Below Cal	#	43
5) Bromomethane	2.649	94	233	Below Cal	#	61
11) Tert butyl alcohol	4.960	59	469	Below Cal	#	89
16) Acetone	3.966	43	980	2.048	ug/l #	46
17) Carbon Disulfide	4.192	76	6952	4.653	ug/l	96
20) Methylene Chloride	4.710	84	17828	12.282	ug/l	92
31) Cyclohexane	7.789	56	3261	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	9631	6.731	ug/l #	50
39) Methylcyclohexane	9.185	83	1837	1.145	ug/l	90
76) 1,2,3-Trichloropropane	12.483	75	33818	47.843	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	33818	105.086	ug/l #	10

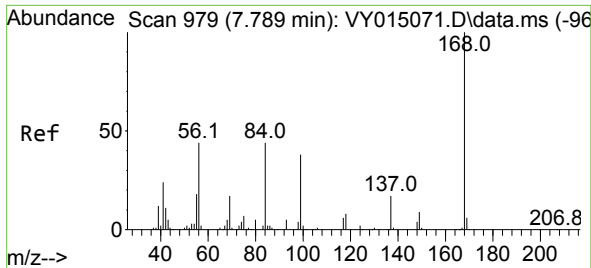
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082323\
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Quant Time: Aug 24 02:38:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 14 12:43:26 2023
Response via : Initial Calibration

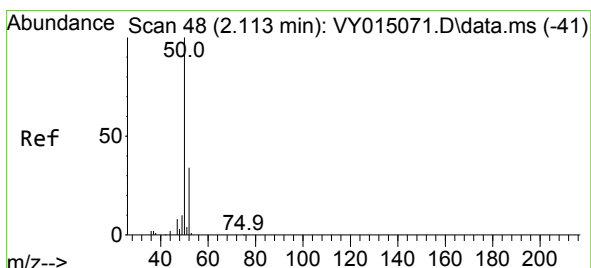
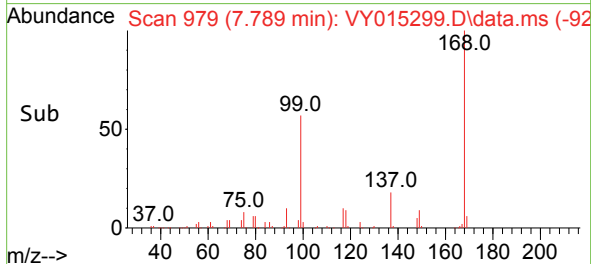
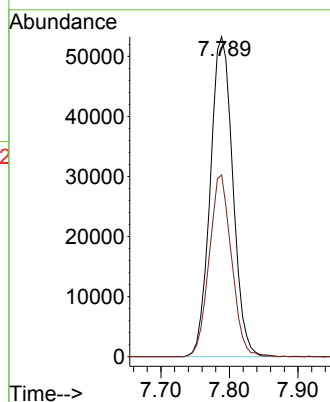
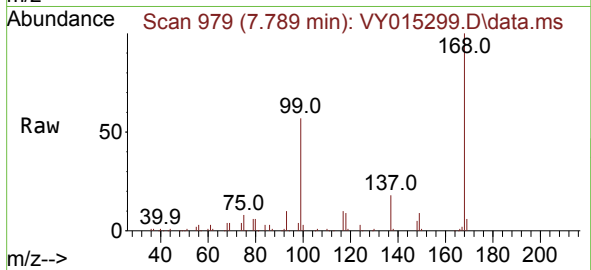




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015299.D
Acq: 23 Aug 2023 22:28

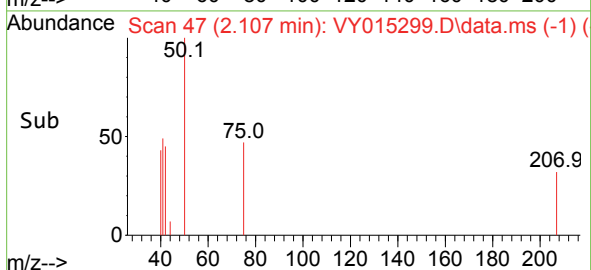
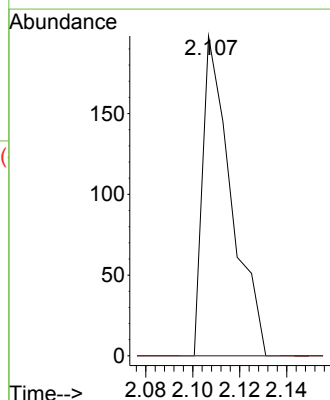
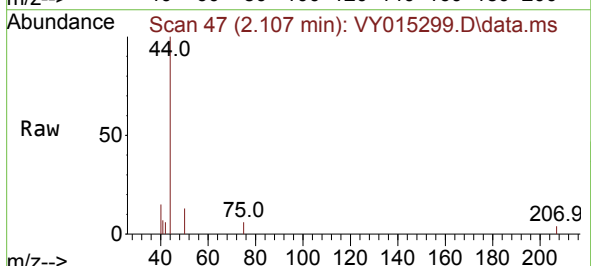
Instrument :
MSVOA_Y
ClientSampleId :

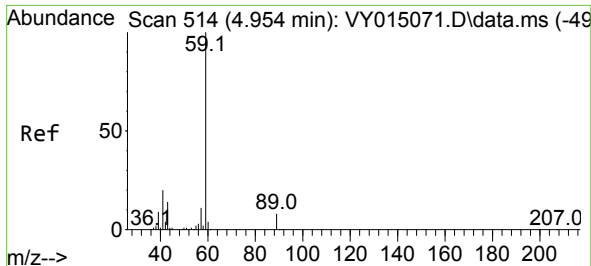
Tgt Ion:168 Resp: 122008
Ion Ratio Lower Upper
168 100
99 56.8 43.4 65.0



#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. -0.000 min
Lab File: VY015299.D
Acq: 23 Aug 2023 22:28

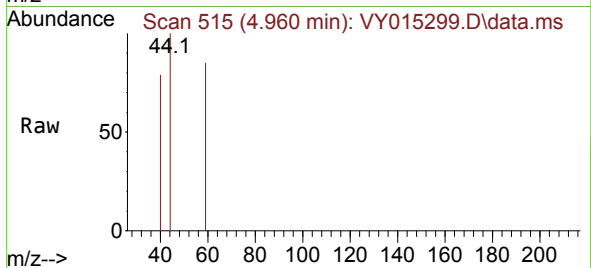
Tgt Ion: 50 Resp: 166
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#



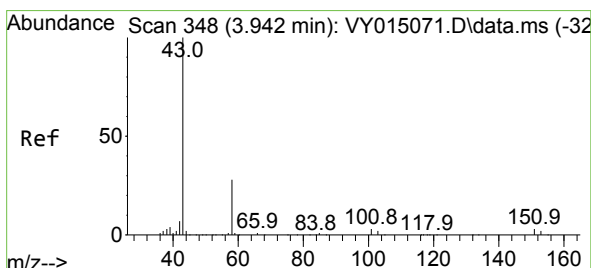
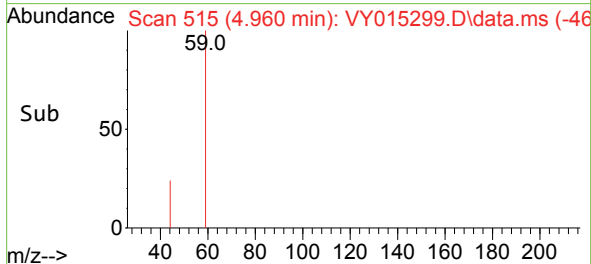
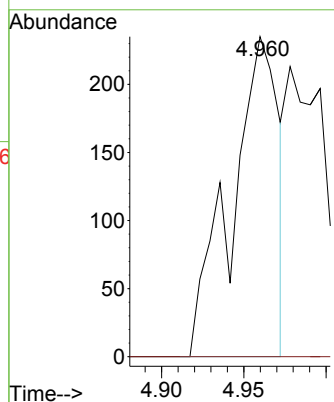


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 514
Delta R.T. 0.012 min
Lab File: VY015299.D
Acq: 23 Aug 2023 22:28

Instrument :
MSVOA_Y
ClientSampleId :

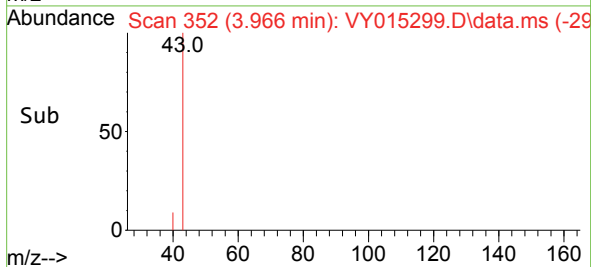
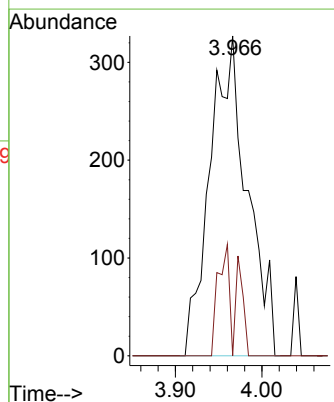
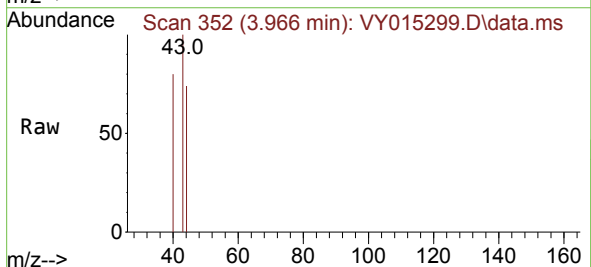


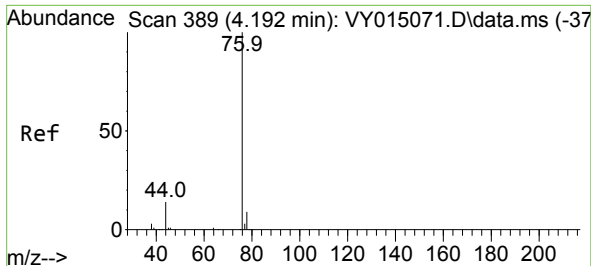
Tgt Ion: 59 Resp: 469
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#16
Acetone
Concen: 2.048 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.024 min
Lab File: VY015299.D
Acq: 23 Aug 2023 22:28

Tgt Ion: 43 Resp: 980
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#

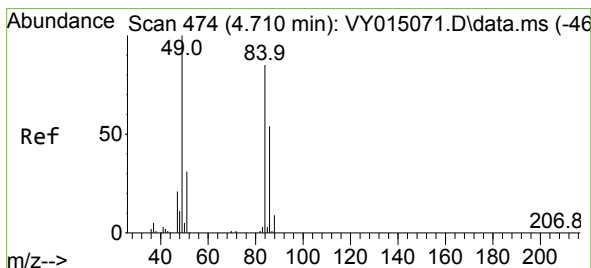
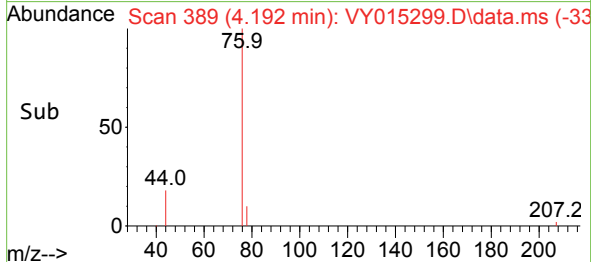
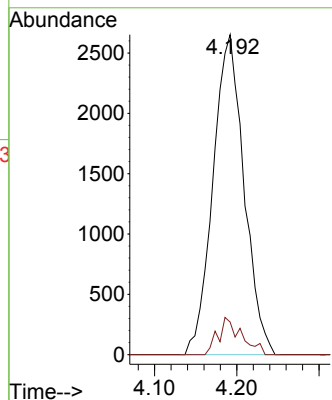
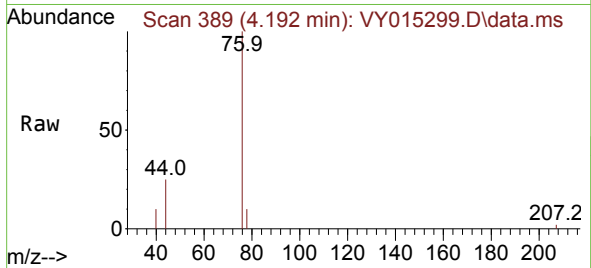




#17
Carbon Disulfide
Concen: 4.653 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY015299.D
Acq: 23 Aug 2023 22:28

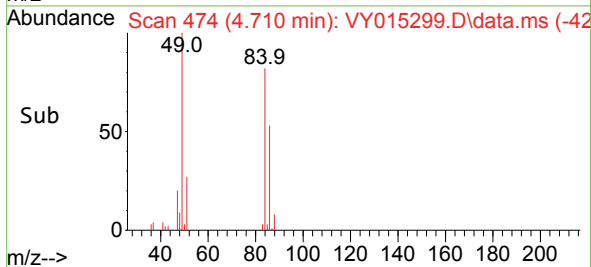
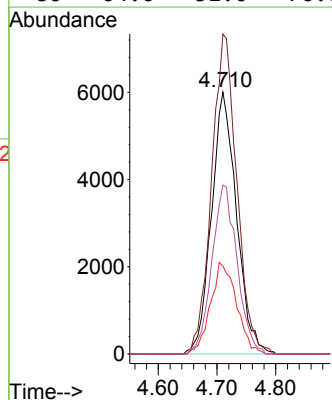
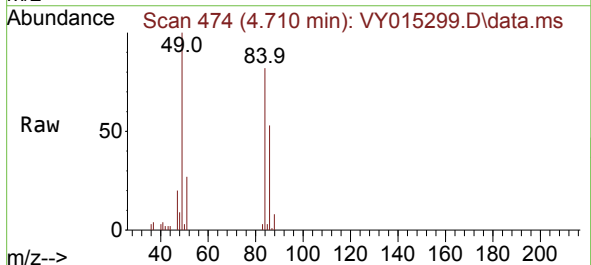
Instrument :
MSVOA_Y
ClientSampleId :

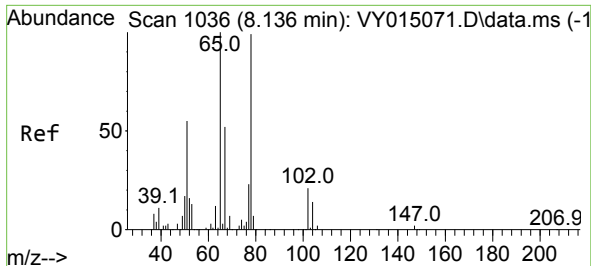
Tgt Ion: 76 Resp: 6952
Ion Ratio Lower Upper
76 100
78 10.2 7.0 10.4



#20
Methylene Chloride
Concen: 12.282 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.000 min
Lab File: VY015299.D
Acq: 23 Aug 2023 22:28

Tgt Ion: 84 Resp: 17828
Ion Ratio Lower Upper
84 100
49 122.3 106.9 160.3
51 33.6 33.2 49.8
86 64.6 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 52.245 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY015299.D

Acq: 23 Aug 2023 22:28

Instrument :

MSVOA_Y

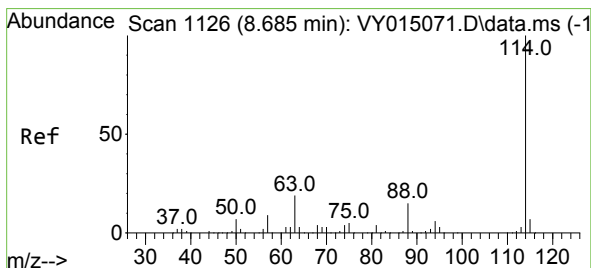
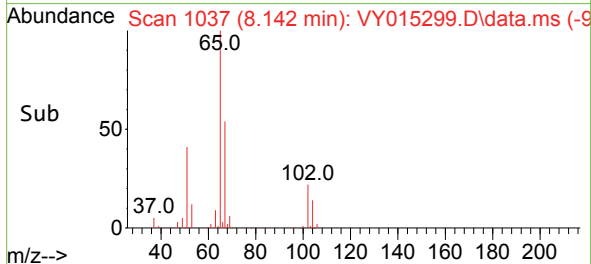
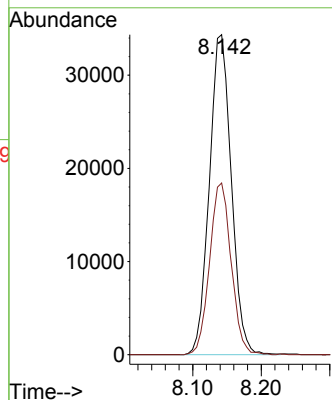
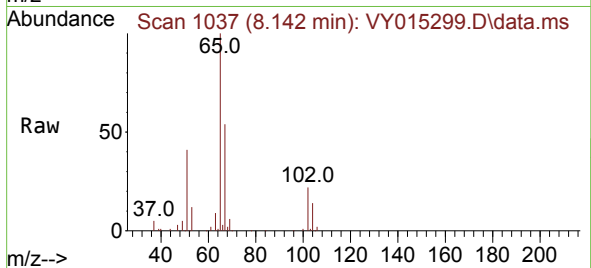
ClientSampleId :

Tgt Ion: 65 Resp: 76517

Ion Ratio Lower Upper

65 100

67 52.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015299.D

Acq: 23 Aug 2023 22:28

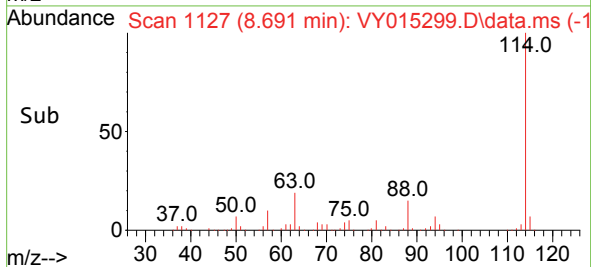
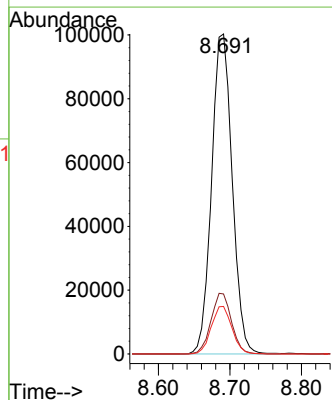
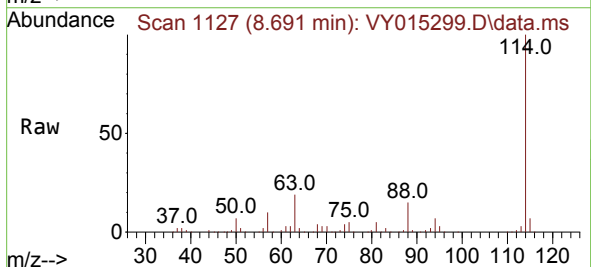
Tgt Ion: 114 Resp: 201040

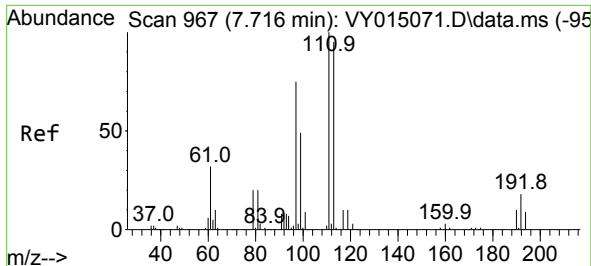
Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

88 14.8 0.0 30.6

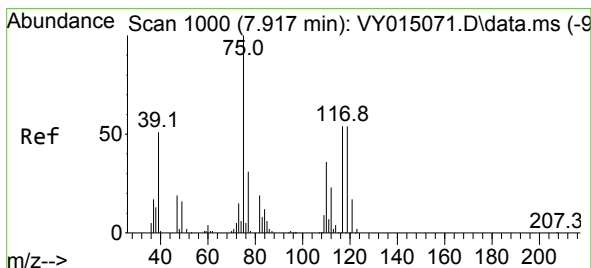
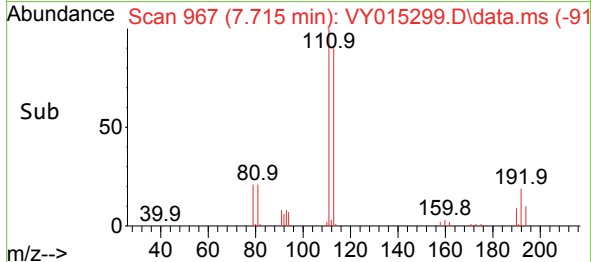
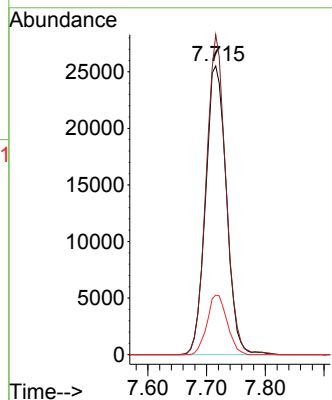
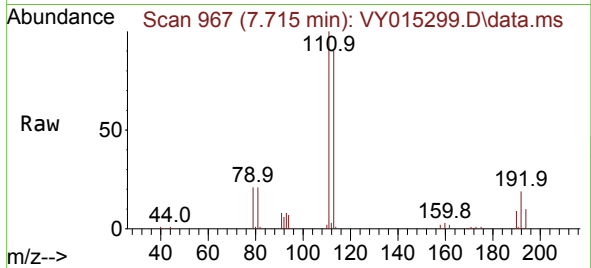




#35
Dibromofluoromethane
Concen: 48.565 ug/l
RT: 7.715 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY015299.D
Acq: 23 Aug 2023 22:28

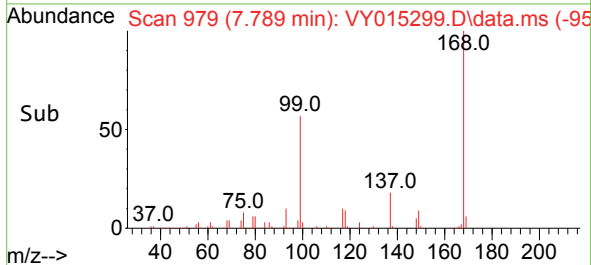
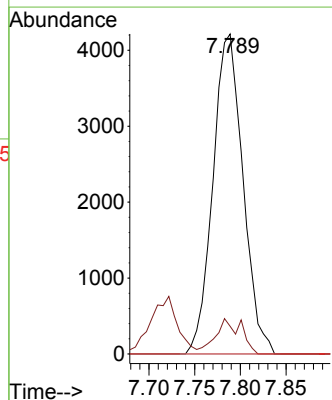
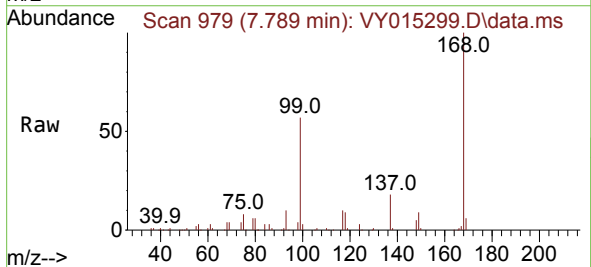
Instrument :
MSVOA_Y
ClientSampleId :

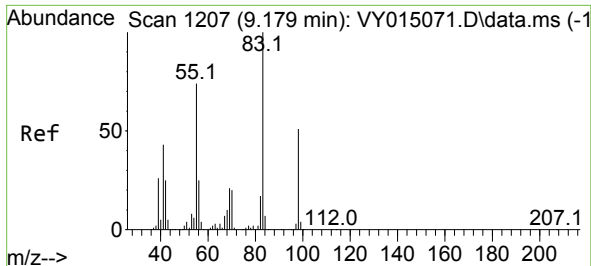
Tgt Ion:113 Resp: 62812
Ion Ratio Lower Upper
113 100
111 105.1 81.3 121.9
192 19.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 6.731 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY015299.D
Acq: 23 Aug 2023 22:28

Tgt Ion: 75 Resp: 9631
Ion Ratio Lower Upper
75 100
110 9.5 17.8 53.5#
77 0.0 24.4 36.6#





#39

Methylcyclohexane

Concen: 1.145 ug/l

RT: 9.185 min Scan# 1207

Delta R.T. 0.006 min

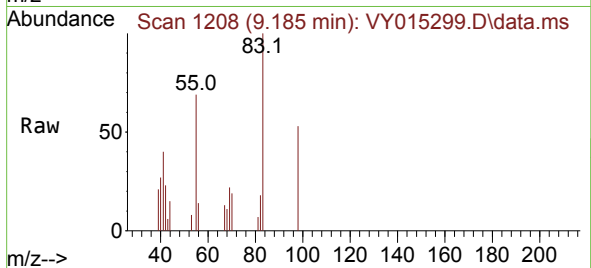
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Acq: 23 Aug 2023 22:28

Instrument :

MSVOA_Y

ClientSampleId :



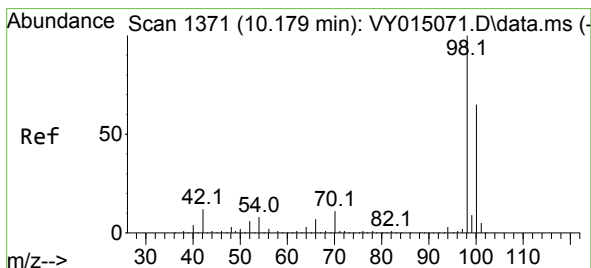
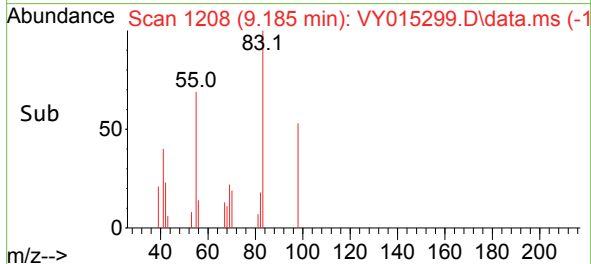
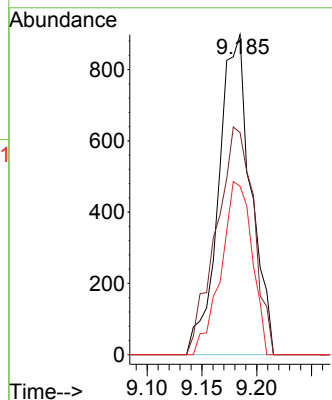
Tgt Ion: 83 Resp: 1837

Ion Ratio Lower Upper

83 100

55 69.4 63.0 94.4

98 52.7 37.4 56.2



#50

Toluene-d8

Concen: 48.732 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY015299.D

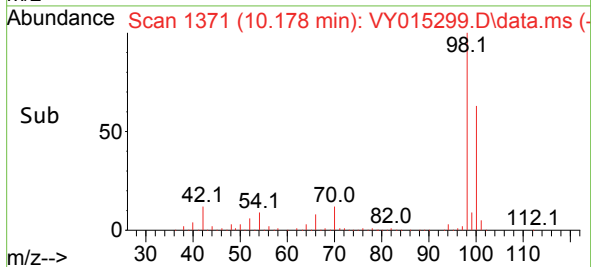
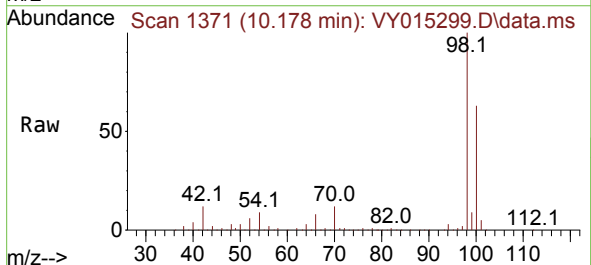
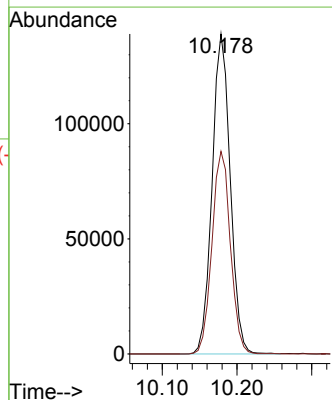
Acq: 23 Aug 2023 22:28

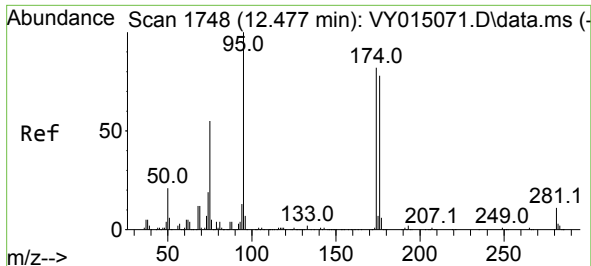
Tgt Ion: 98 Resp: 234627

Ion Ratio Lower Upper

98 100

100 64.4 50.1 75.1

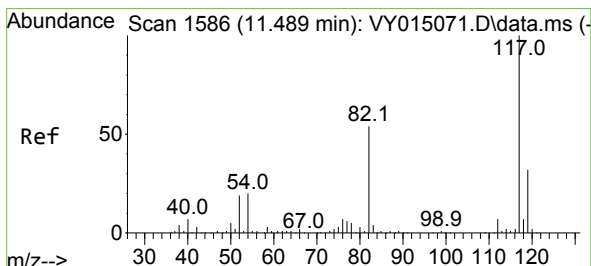
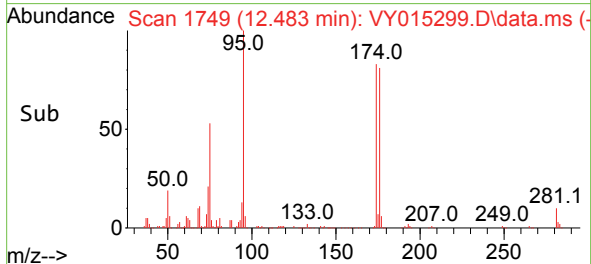
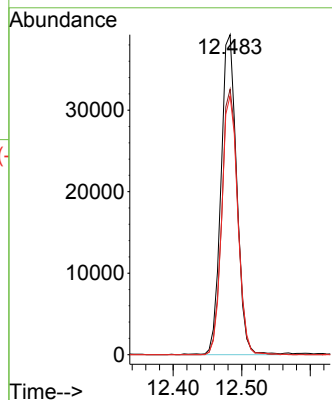
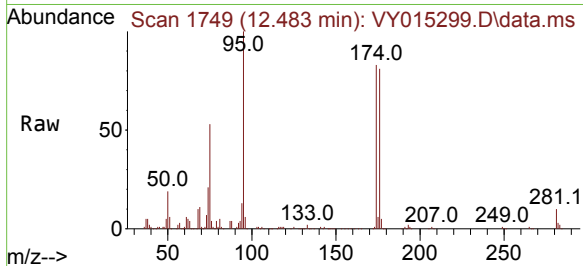




#62
4-Bromofluorobenzene
Concen: 35.434 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015299.D
Acq: 23 Aug 2023 22:28

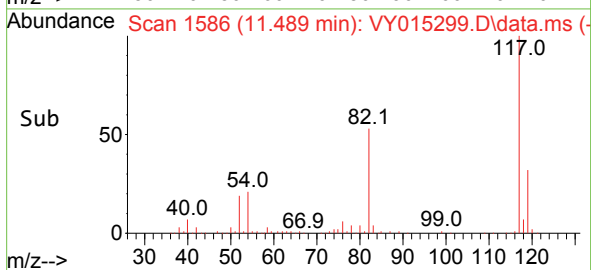
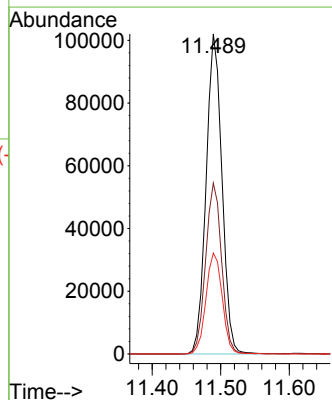
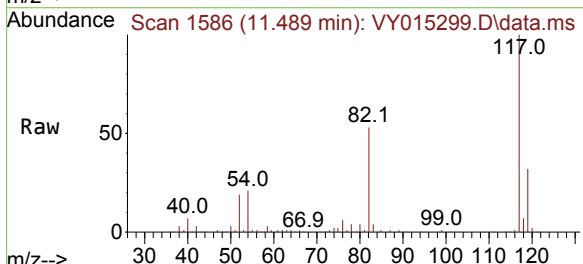
Instrument :
MSVOA_Y
ClientSampleId :

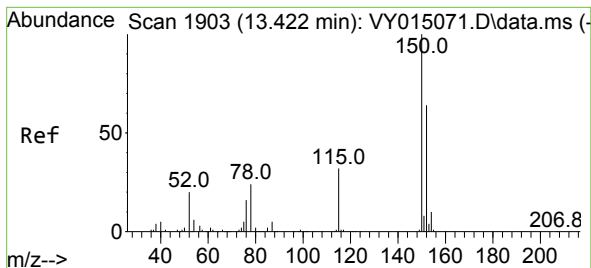
Tgt Ion: 95 Resp: 62311
Ion Ratio Lower Upper
95 100
174 84.1 0.0 178.2
176 82.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015299.D
Acq: 23 Aug 2023 22:28

Tgt Ion: 117 Resp: 164329
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.0
119 31.5 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY015299.D

Acq: 23 Aug 2023 22:28

Instrument :

MSVOA_Y

ClientSampleId :

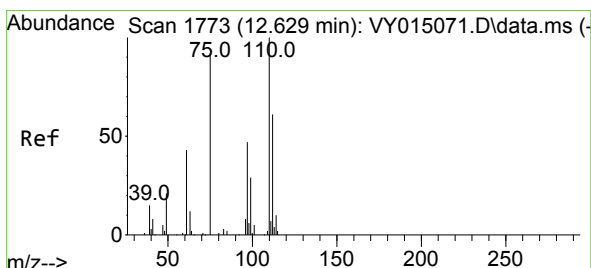
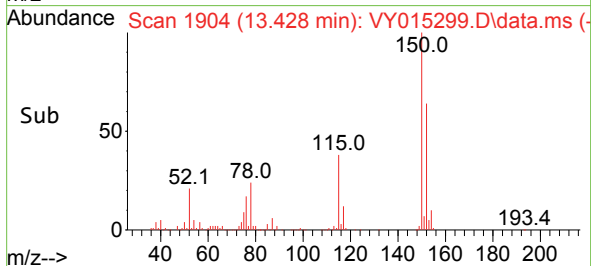
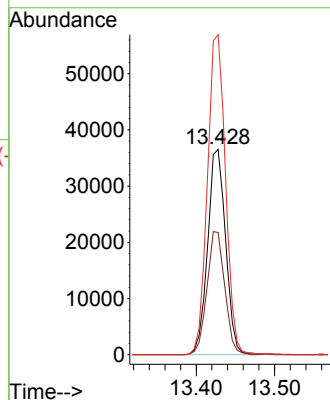
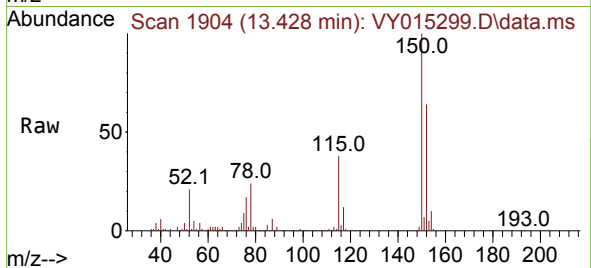
Tgt Ion:152 Resp: 58181

Ion Ratio Lower Upper

152 100

115 59.4 28.8 86.5

150 157.1 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 47.843 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.147 min

Lab File: VY015299.D

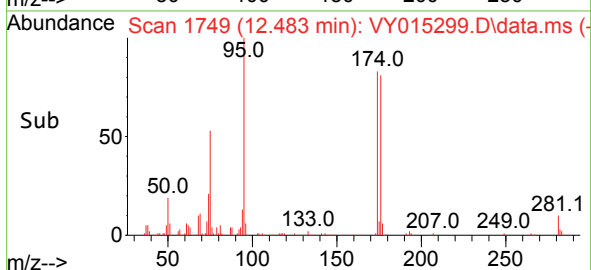
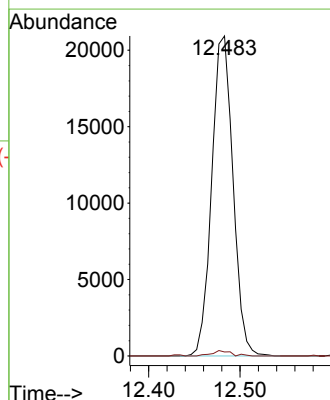
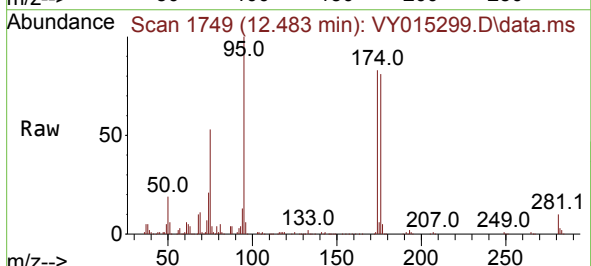
Acq: 23 Aug 2023 22:28

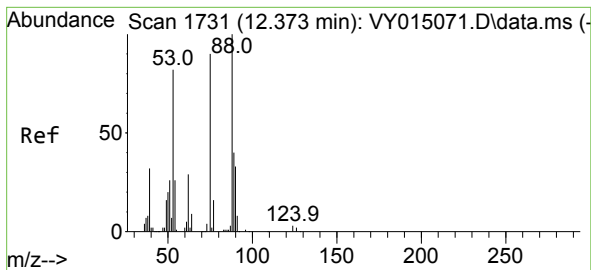
Tgt Ion: 75 Resp: 33818

Ion Ratio Lower Upper

75 100

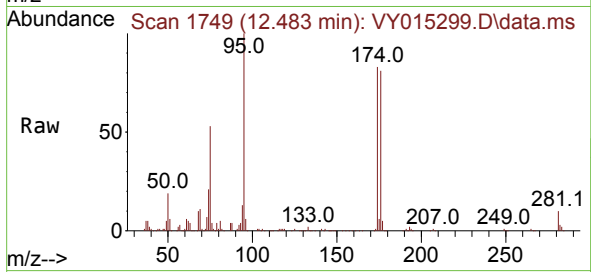
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.086 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY015299.D
 Acq: 23 Aug 2023 22:28

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 33818
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

