

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082523\
 Data File : VY015354.D
 Acq On : 25 Aug 2023 19:48
 Operator : SY/MD
 Sample : 04188-10
 Misc : 6.23g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

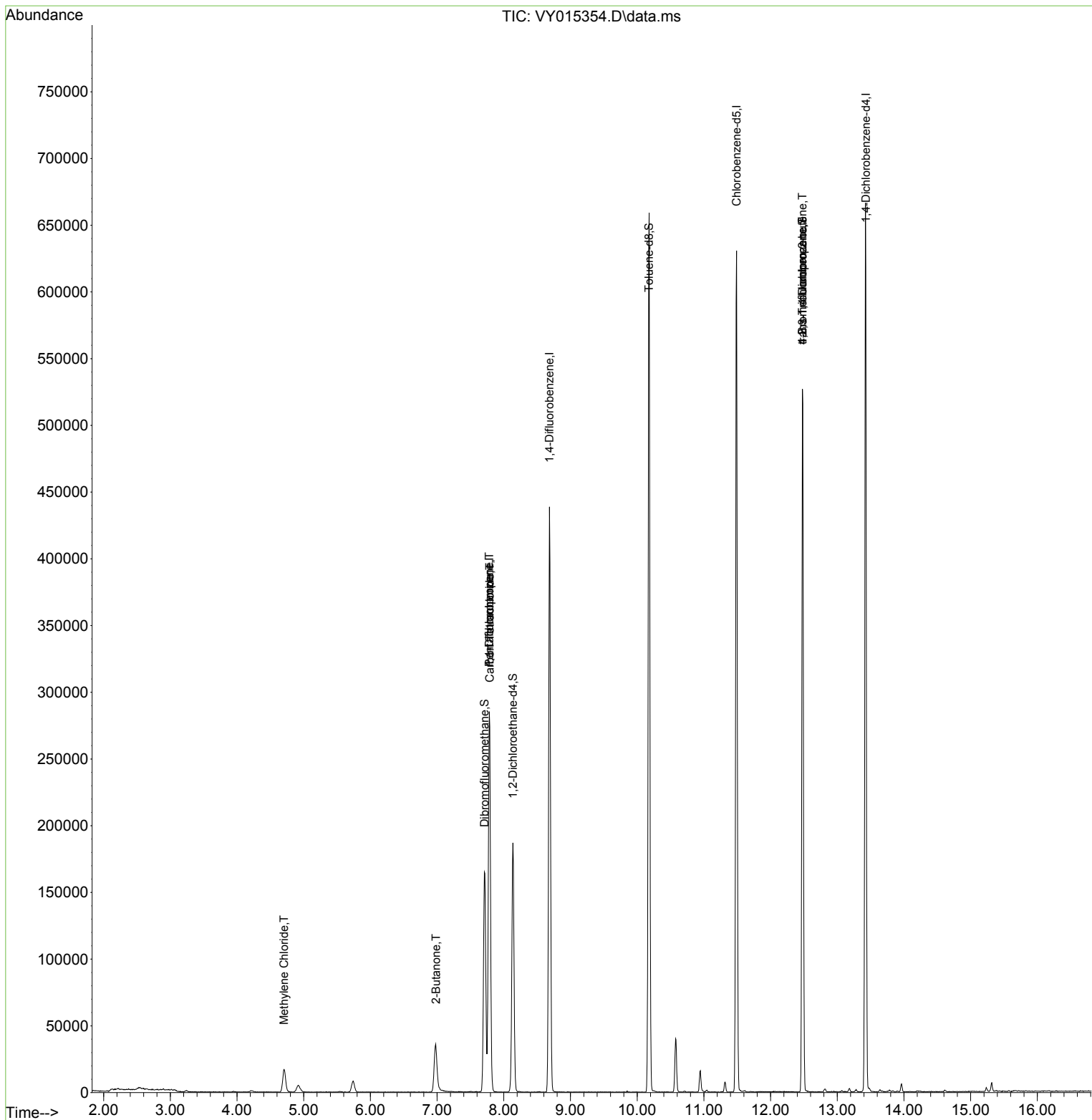
Quant Time: Aug 25 23:47:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

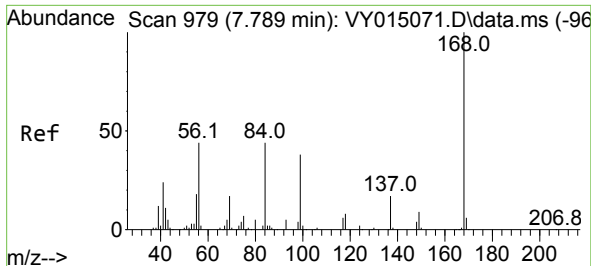
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	223170	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	370398	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	338872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	168551	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	145652	54.369	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.740%	
35) Dibromofluoromethane	7.710	113	117794	49.433	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.860%	
50) Toluene-d8	10.179	98	432362	48.741	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.480%	
62) 4-Bromofluorobenzene	12.477	95	152798	47.161	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.320%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	63	Below Cal	#	43
3) Chloromethane	2.113	50	206	Below Cal	#	43
5) Bromomethane	2.644	94	76	Below Cal	#	2
11) Tert butyl alcohol	4.924	59	5649	Below Cal	#	89
20) Methylene Chloride	4.704	84	12593	1.840	ug/l	91
25) 2-Butanone	6.984	43	2056	1.659	ug/l	# 80
31) Cyclohexane	7.783	56	4678	Below Cal	#	8
36) 1,1-Dichloropropene	7.783	75	17671	6.703	ug/l	# 50
38) Carbon Tetrachloride	7.789	117	21957	7.038	ug/l	# 15
76) 1,2,3-Trichloropropane	12.477	75	82864	40.466	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	82864	88.882	ug/l	# 11

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

Quant Time: Aug 25 23:47:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
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Response via : Initial Calibration

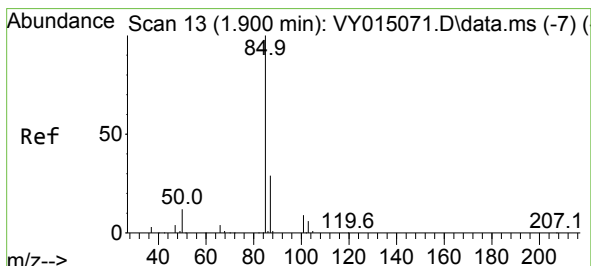
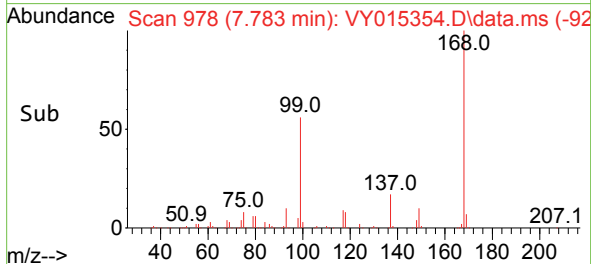
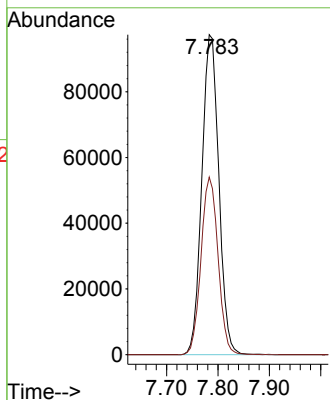
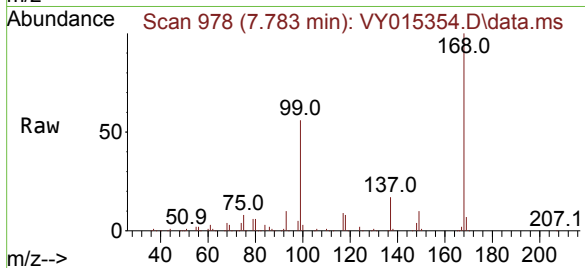




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015354.D
Acq: 25 Aug 2023 19:48

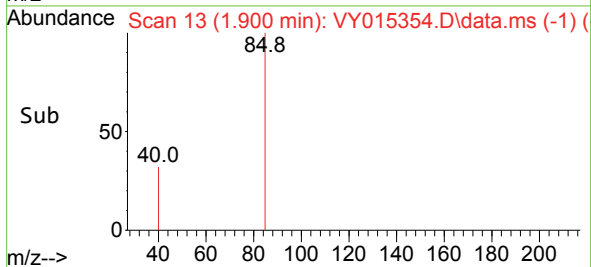
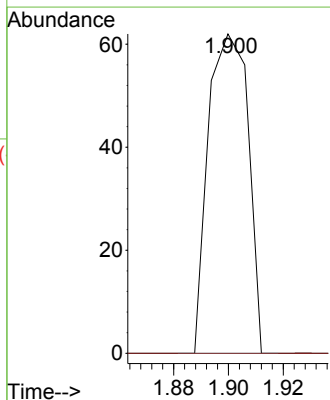
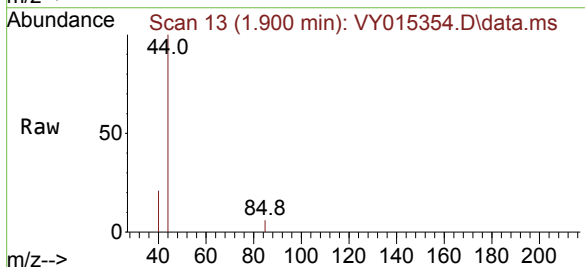
Instrument :
MSVOA_Y
ClientSampleId :

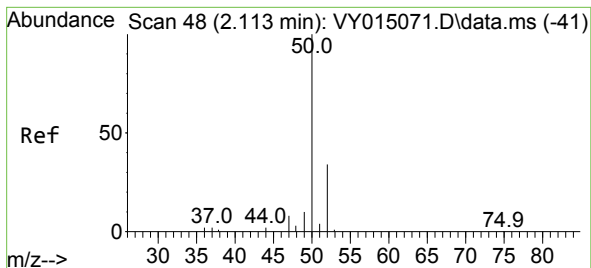
Tgt Ion:168 Resp: 223170
Ion Ratio Lower Upper
168 100
99 55.5 43.4 65.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY015354.D
Acq: 25 Aug 2023 19:48

Tgt Ion: 85 Resp: 63
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#





#3

Chloromethane

Concen: Below Cal

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY015354.D

Acq: 25 Aug 2023 19:48

Instrument :

MSVOA_Y

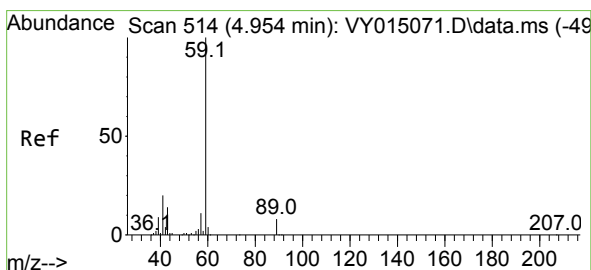
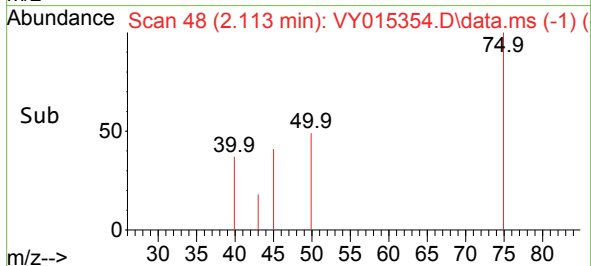
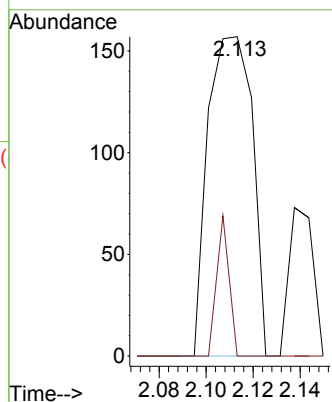
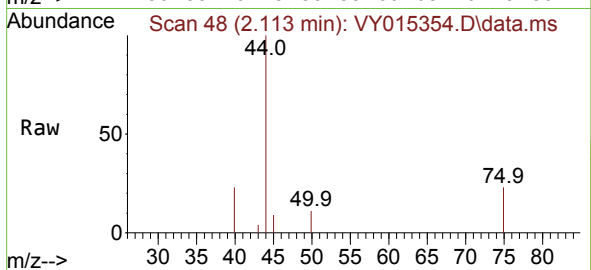
ClientSampleId :

Tgt Ion: 50 Resp: 206

Ion Ratio Lower Upper

50 100

52 0.0 25.4 38.2#



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.924 min Scan# 509

Delta R.T. -0.024 min

Lab File: VY015354.D

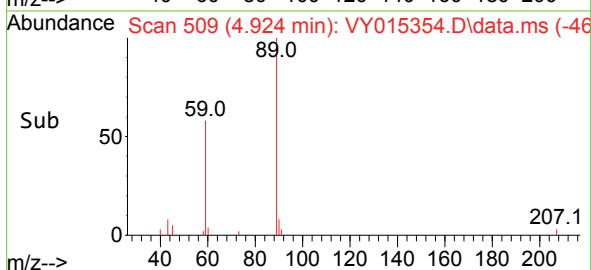
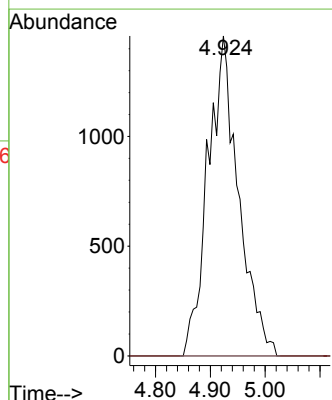
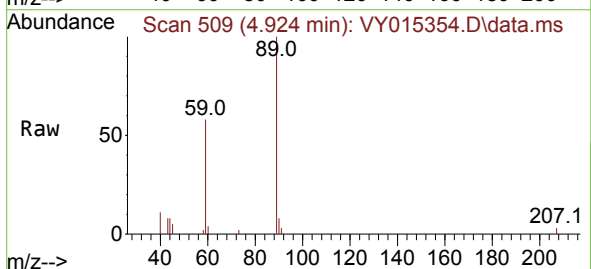
Acq: 25 Aug 2023 19:48

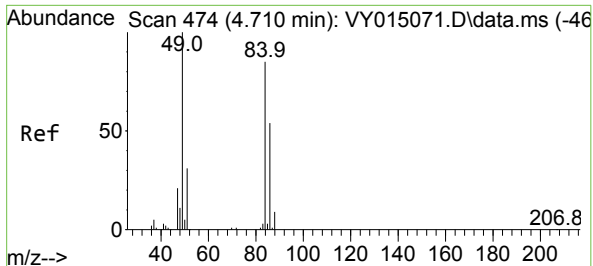
Tgt Ion: 59 Resp: 5649

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.4#





#20

Methylene Chloride

Concen: 1.840 ug/l

RT: 4.704 min Scan# 41

Delta R.T. -0.006 min

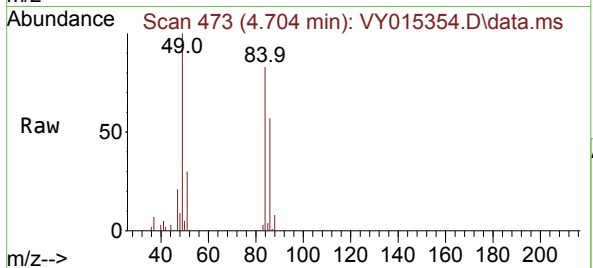
Lab File: VY015354.D

Acq: 25 Aug 2023 19:48

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 12593

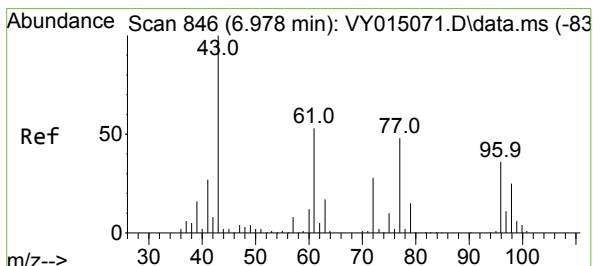
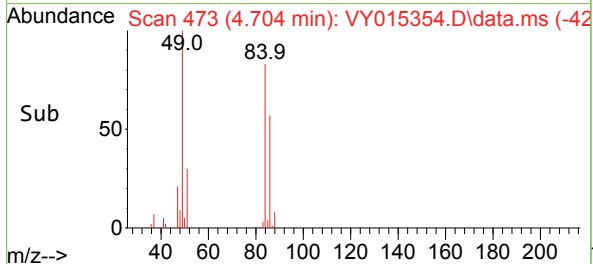
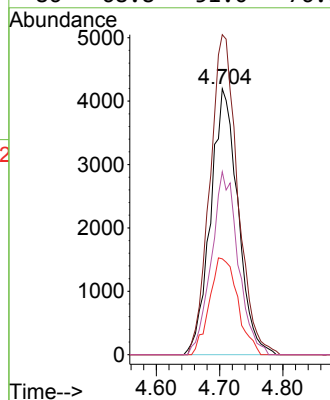
Ion Ratio Lower Upper

84 100

49 120.3 106.9 160.3

51 36.0 33.2 49.8

86 68.8 51.0 76.6



#25

2-Butanone

Concen: 1.659 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY015354.D

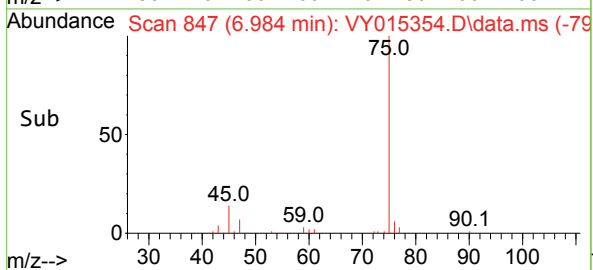
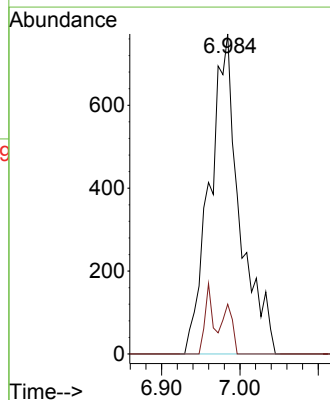
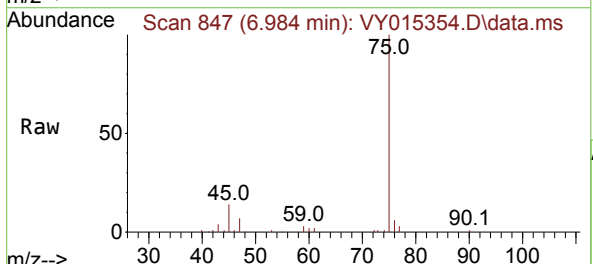
Acq: 25 Aug 2023 19:48

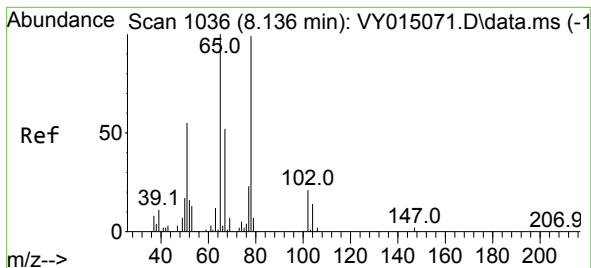
Tgt Ion: 43 Resp: 2056

Ion Ratio Lower Upper

43 100

72 15.5 20.5 30.7#





#33

1,2-Dichloroethane-d4

Concen: 54.369 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015354.D

Acq: 25 Aug 2023 19:48

Instrument :

MSVOA_Y

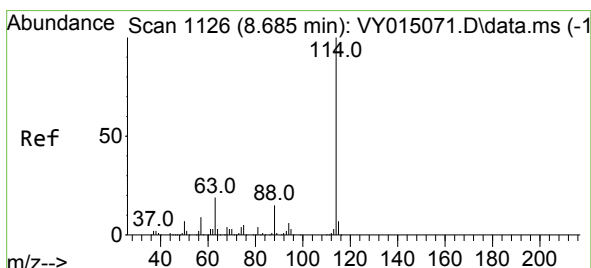
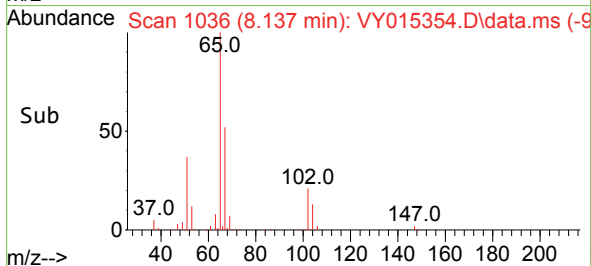
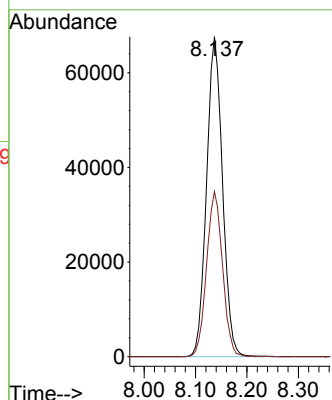
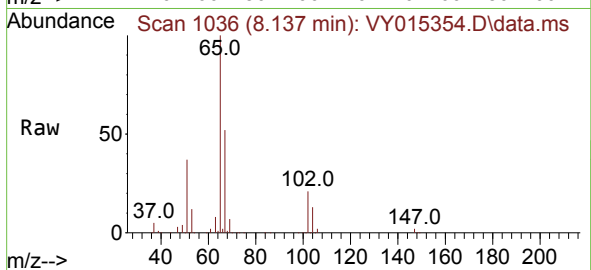
ClientSampleId :

Tgt Ion: 65 Resp: 145652

Ion Ratio Lower Upper

65 100

67 51.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015354.D

Acq: 25 Aug 2023 19:48

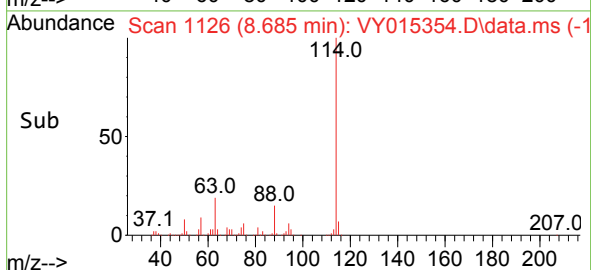
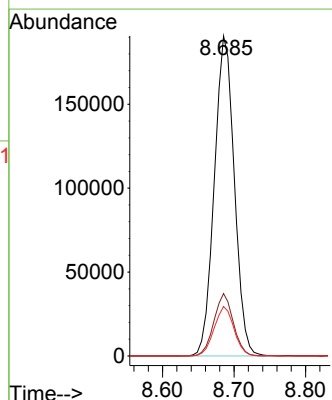
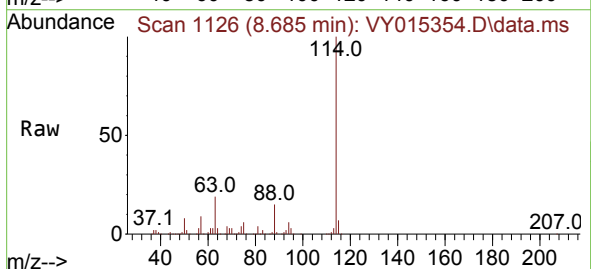
Tgt Ion: 114 Resp: 370398

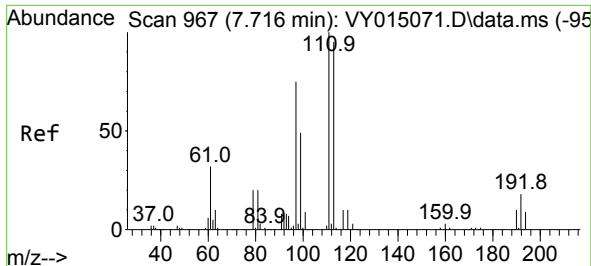
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

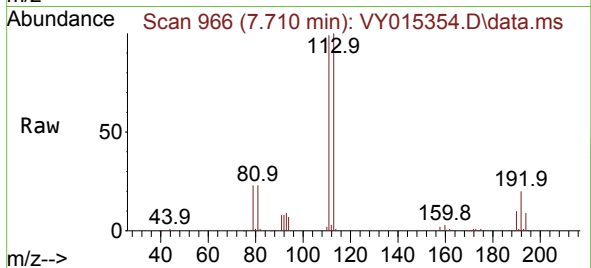
88 15.5 0.0 30.6



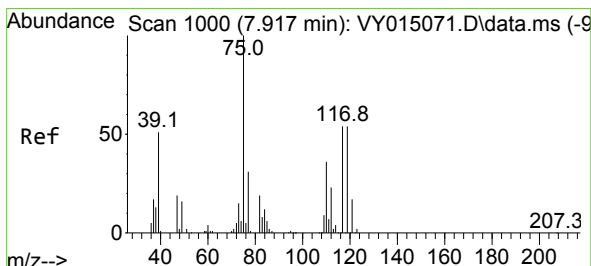
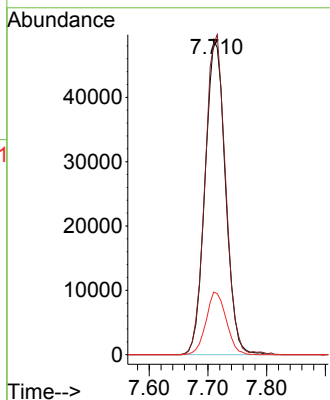
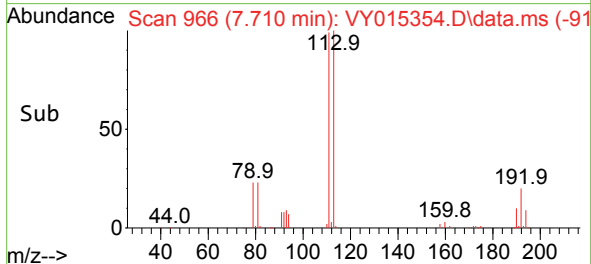


#35
Dibromofluoromethane
Concen: 49.433 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY015354.D
Acq: 25 Aug 2023 19:48

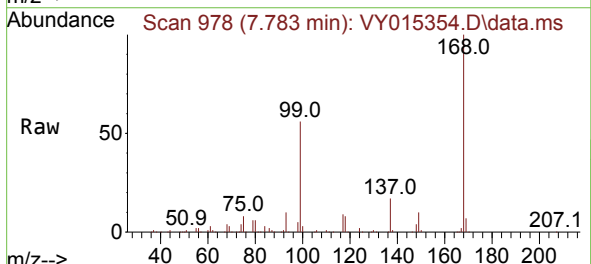
Instrument :
MSVOA_Y
ClientSampleId :



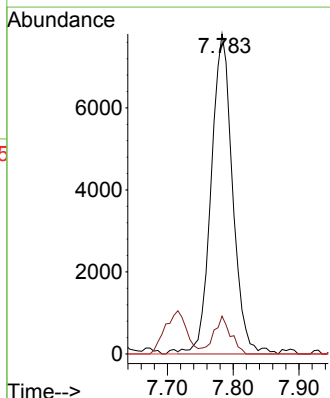
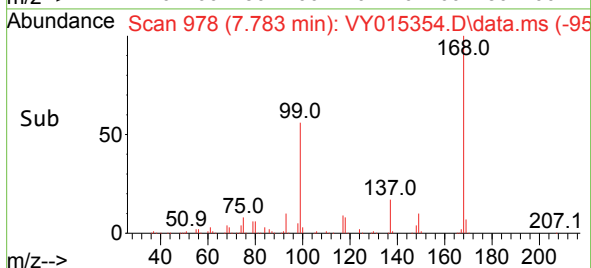
Tgt Ion:113 Resp: 117794
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.8 16.9 25.3

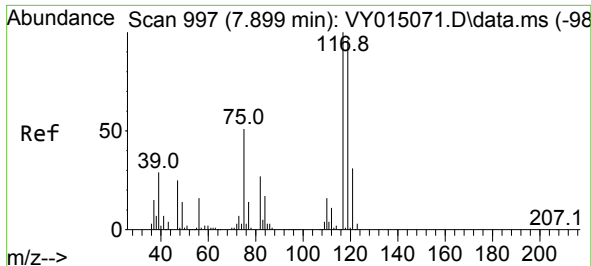


#36
1,1-Dichloropropene
Concen: 6.703 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015354.D
Acq: 25 Aug 2023 19:48



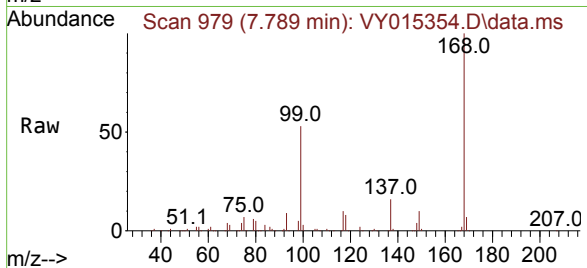
Tgt Ion: 75 Resp: 17671
Ion Ratio Lower Upper
75 100
110 9.2 17.8 53.5#
77 0.0 24.4 36.6#



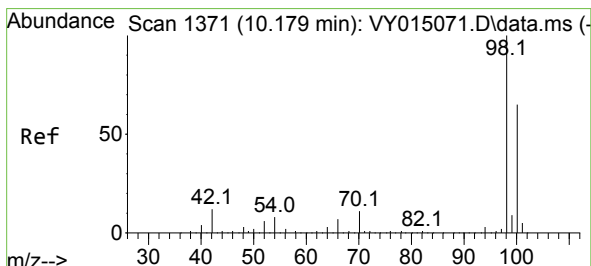
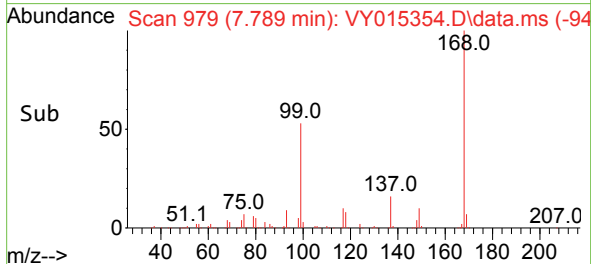
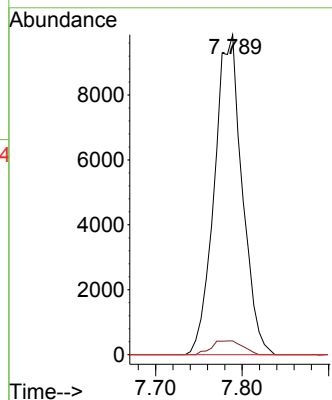


#38
Carbon Tetrachloride
Concen: 7.038 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY015354.D
Acq: 25 Aug 2023 19:48

Instrument :
MSVOA_Y
ClientSampleId :

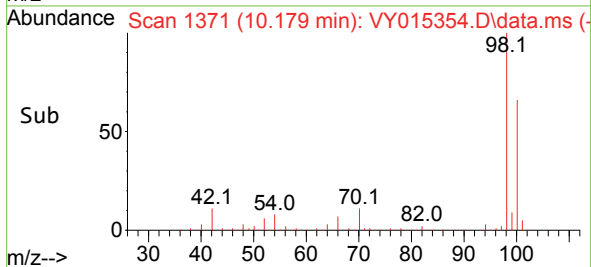
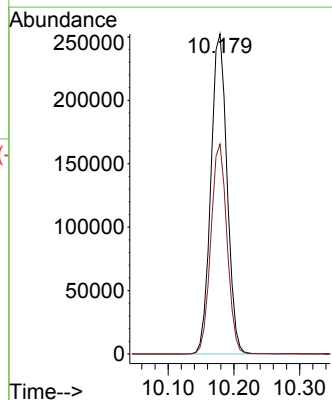
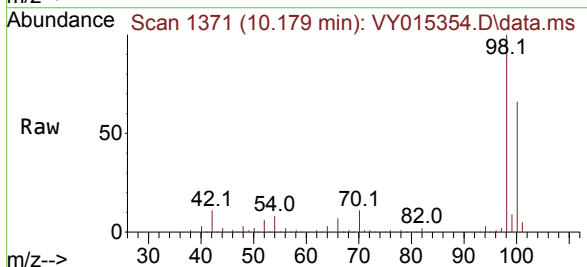


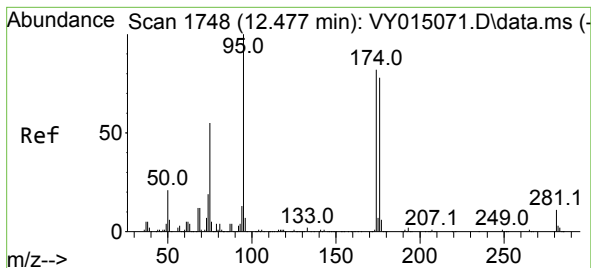
Tgt Ion:117 Resp: 21957
Ion Ratio Lower Upper
117 100
119 4.3 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 48.741 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015354.D
Acq: 25 Aug 2023 19:48

Tgt Ion: 98 Resp: 432362
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1

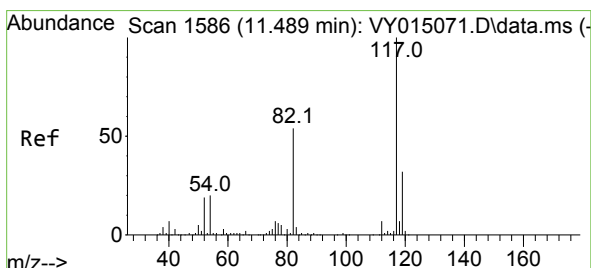
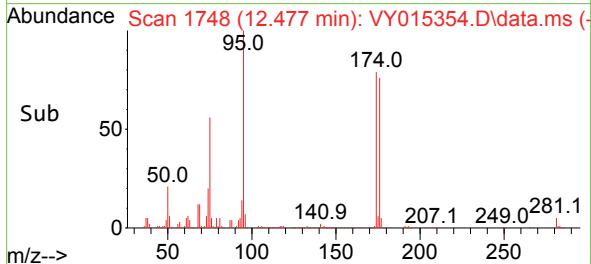
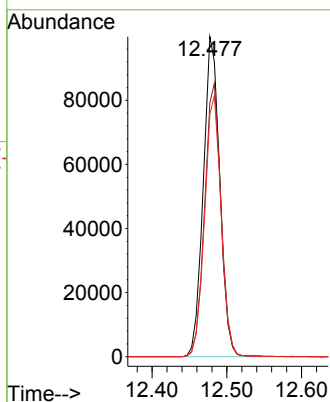
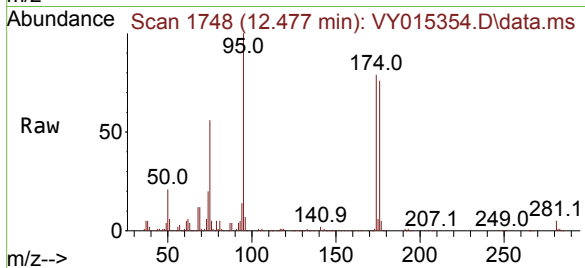




#62
4-Bromofluorobenzene
Concen: 47.161 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015354.D
Acq: 25 Aug 2023 19:48

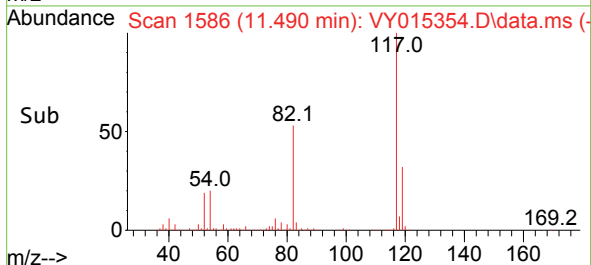
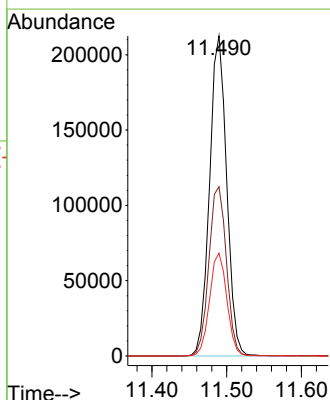
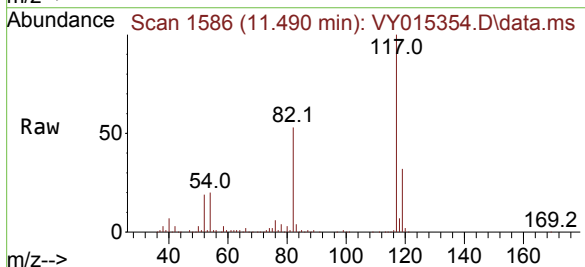
Instrument :
MSVOA_Y
ClientSampleId :

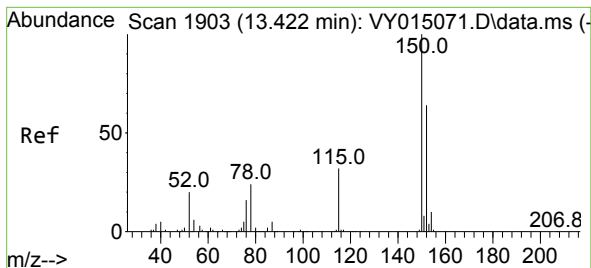
Tgt Ion: 95 Resp: 152798
Ion Ratio Lower Upper
95 100
174 85.5 0.0 178.2
176 81.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015354.D
Acq: 25 Aug 2023 19:48

Tgt Ion: 117 Resp: 338872
Ion Ratio Lower Upper
117 100
82 52.9 43.4 65.0
119 32.1 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: VY015354.D

Acq: 25 Aug 2023 19:48

Instrument :

MSVOA_Y

ClientSampleId :

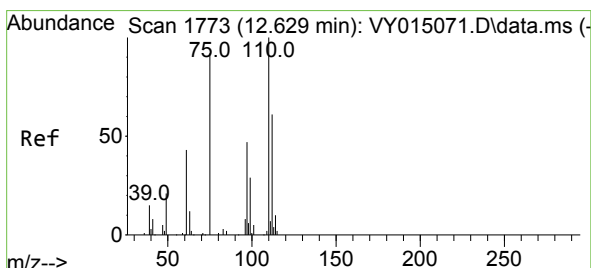
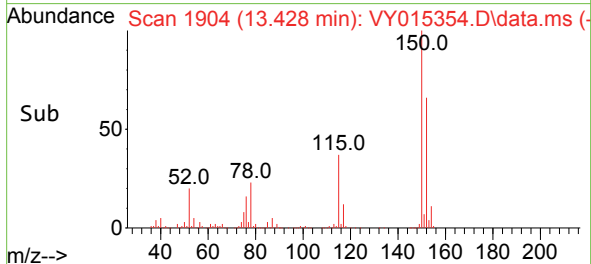
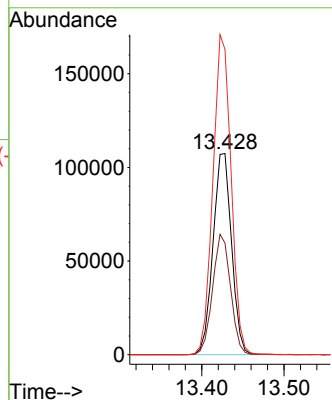
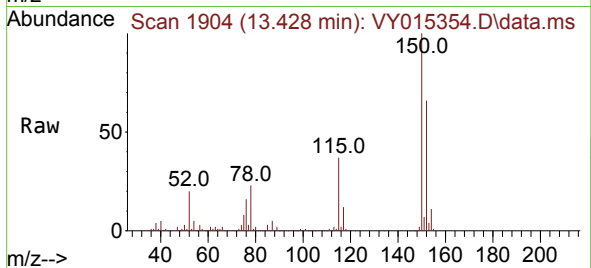
Tgt Ion:152 Resp: 168551

Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 155.9 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 40.466 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY015354.D

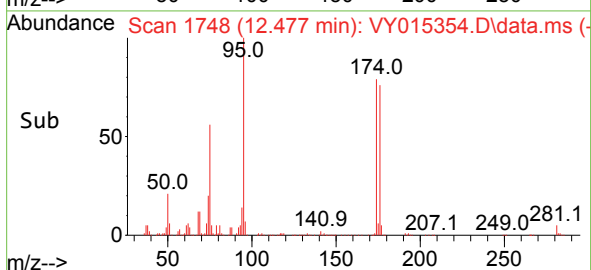
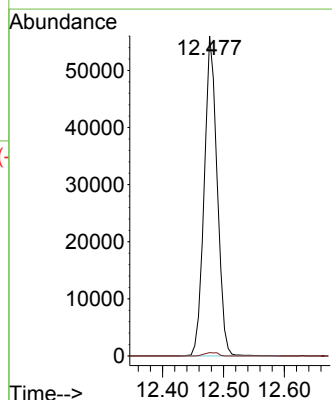
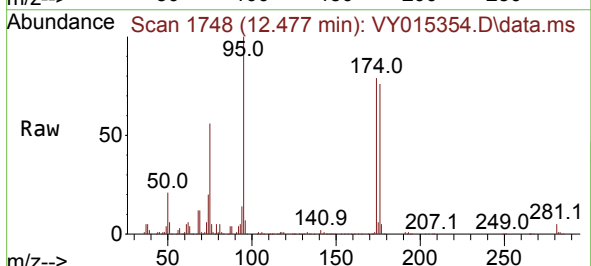
Acq: 25 Aug 2023 19:48

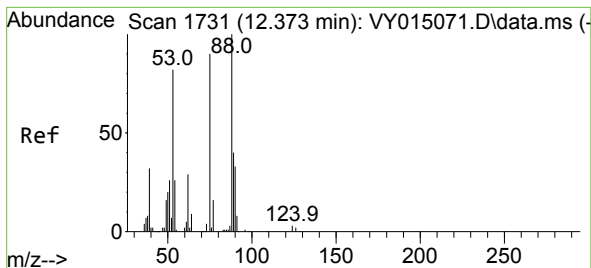
Tgt Ion: 75 Resp: 82864

Ion Ratio Lower Upper

75 100

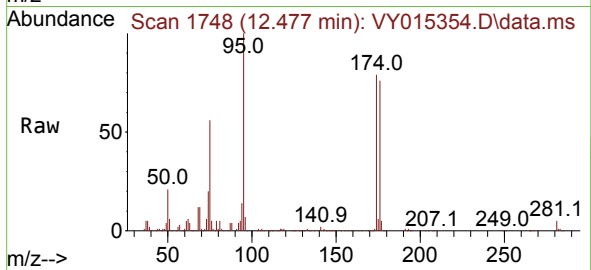
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.882 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY015354.D
 Acq: 25 Aug 2023 19:48

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 82864
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.1 37.4 56.0#

