

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101323\
 Data File : VY015964.D
 Acq On : 13 Oct 2023 17:49
 Operator : SY/MD
 Sample : 04878-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 14 01:50:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

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

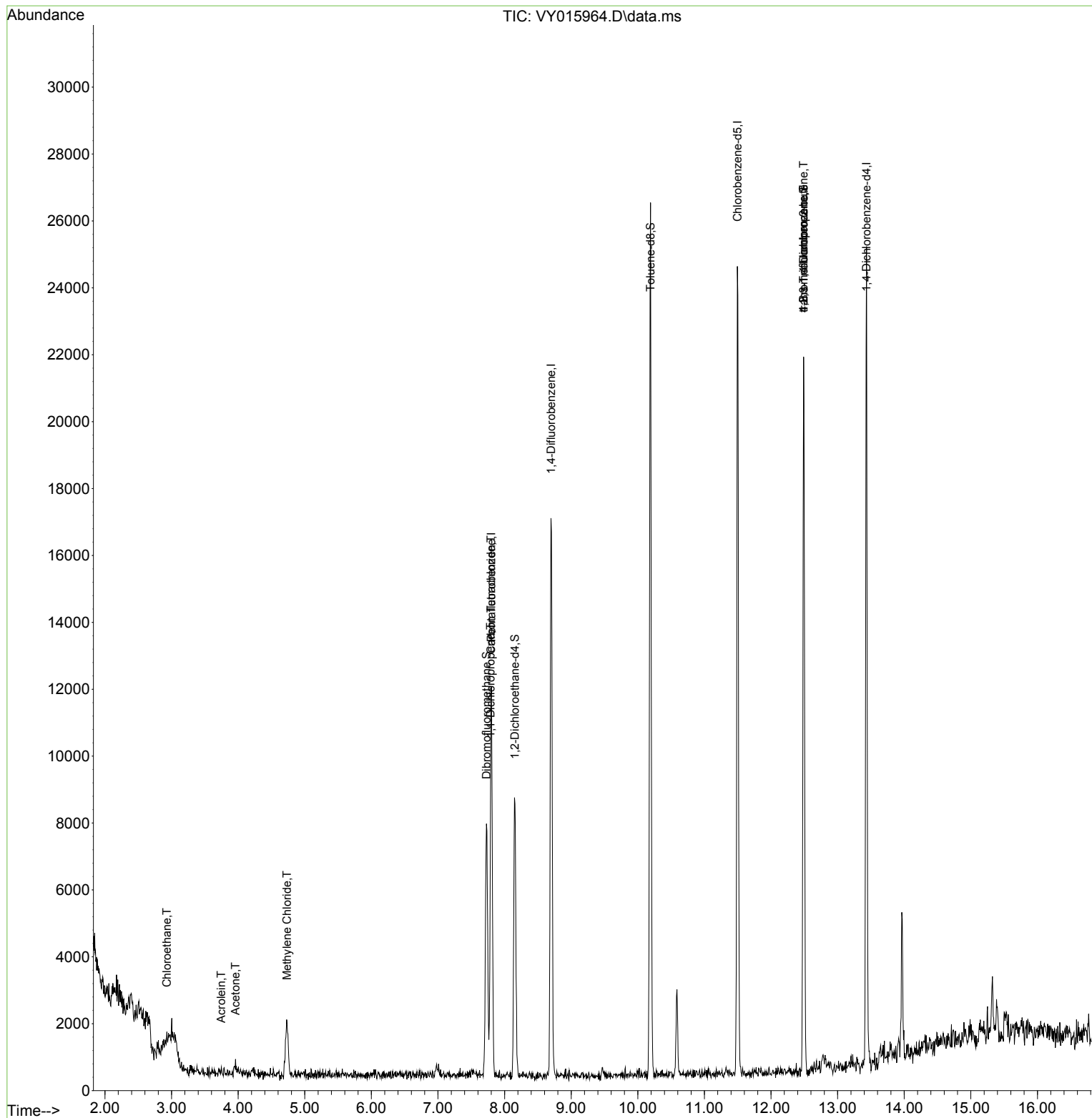
Internal Standards						
1) Pentafluorobenzene	7.801	168	9493	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	15206	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	14222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	6097	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	6756	62.358	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.720%	
35) Dibromofluoromethane	7.728	113	5730	59.856	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.720%	
50) Toluene-d8	10.191	98	17836	49.752	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.500%	
62) 4-Bromofluorobenzene	12.489	95	5721	44.816	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 89.640%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.125	50	195	Below Cal	#	43
6) Chloroethane	2.930	64	1249	19.020	ug/l #	44
13) Acrolein	3.747	56	23	1.124	ug/l #	14
16) Acetone	3.960	43	647	10.281	ug/l	97
20) Methylene Chloride	4.734	84	1170	6.090	ug/l #	83
36) 1,1-Dichloropropene	7.789	75	679	4.701	ug/l #	41
38) Carbon Tetrachloride	7.795	117	995	6.541	ug/l #	12
76) 1,2,3-Trichloropropane	12.489	75	2753	23.073	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	2753	54.352	ug/l #	10

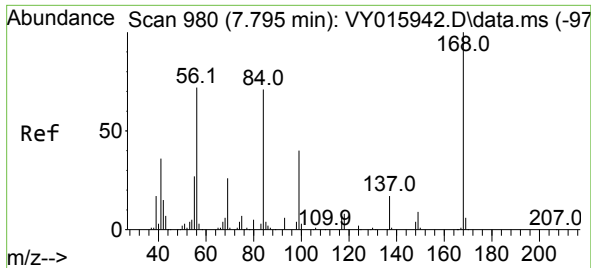
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
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Quant Time: Oct 14 01:50:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 13 13:13:02 2023
Response via : Initial Calibration

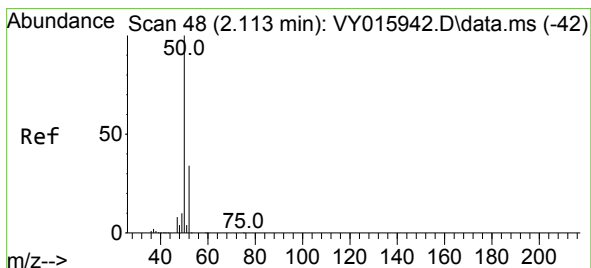
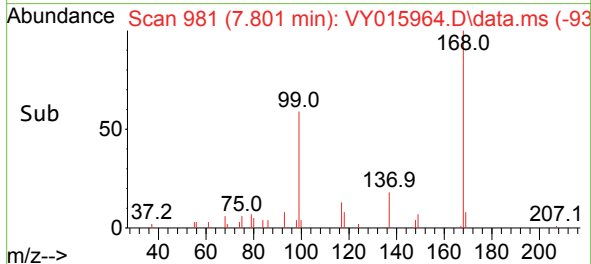
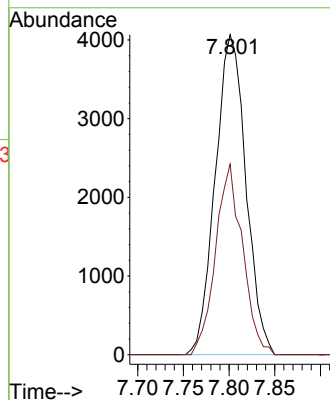
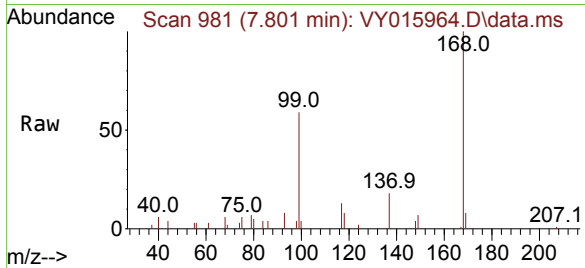




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015964.D
Acq: 13 Oct 2023 17:49

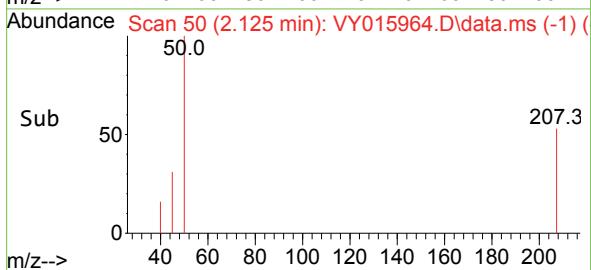
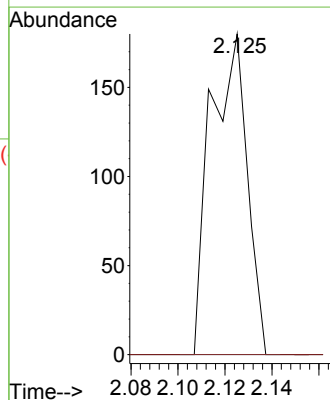
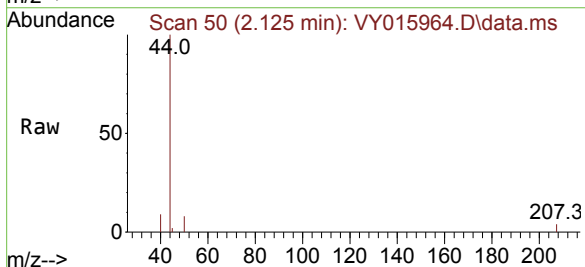
Instrument :
MSVOA_Y
ClientSampleId :

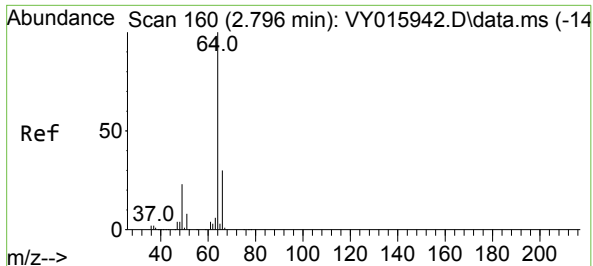
Tgt Ion:168 Resp: 9493
Ion Ratio Lower Upper
168 100
99 59.5 43.4 65.0



#3
Chloromethane
Concen: Below Cal
RT: 2.125 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY015964.D
Acq: 13 Oct 2023 17:49

Tgt Ion: 50 Resp: 195
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

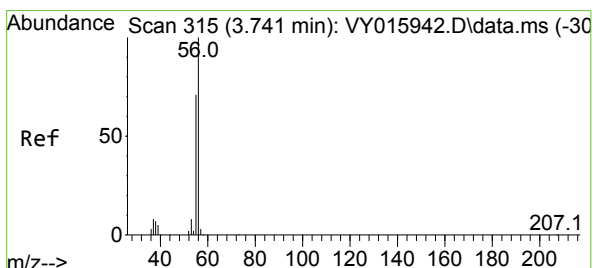
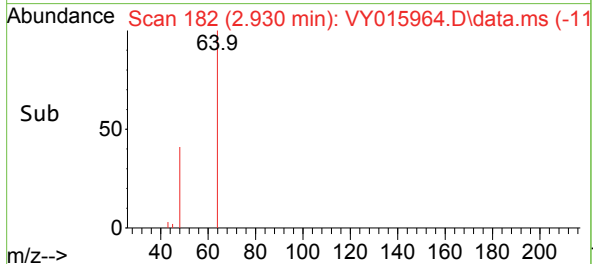
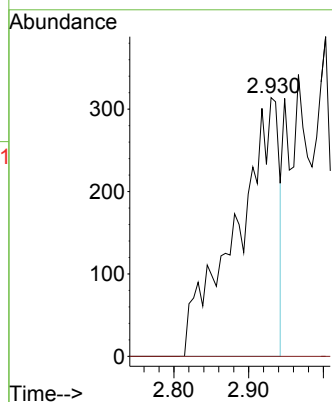
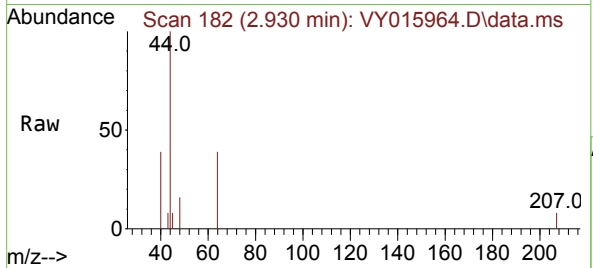




#6
Chloroethane
Concen: 19.020 ug/l
RT: 2.930 min Scan# 11
Delta R.T. 0.134 min
Lab File: VY015964.D
Acq: 13 Oct 2023 17:49

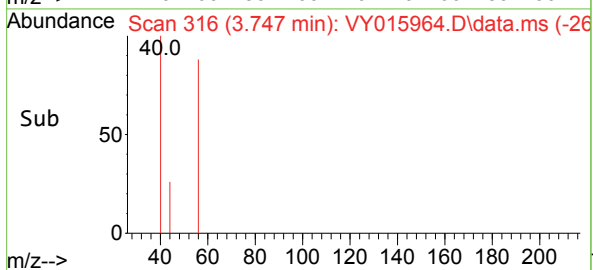
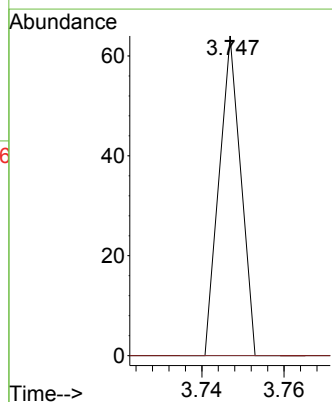
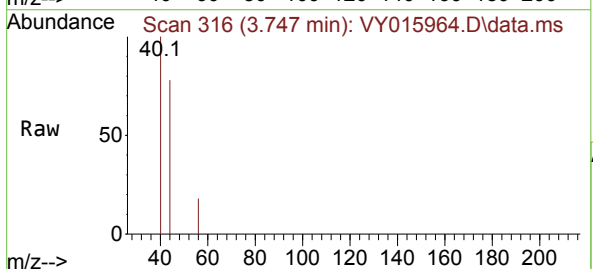
Instrument :
MSVOA_Y
ClientSampleId :

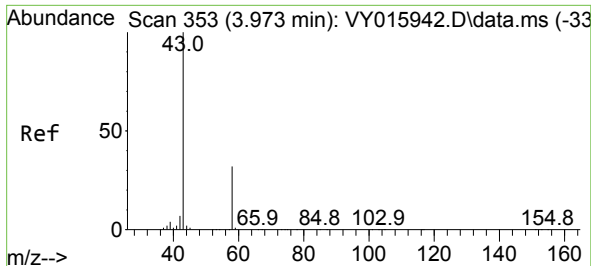
Tgt Ion: 64 Resp: 1249
Ion Ratio Lower Upper
64 100
66 0.0 24.4 36.6#



#13
Acrolein
Concen: 1.124 ug/l
RT: 3.747 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY015964.D
Acq: 13 Oct 2023 17:49

Tgt Ion: 56 Resp: 23
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.4#





#16

Acetone

Concen: 10.281 ug/l

RT: 3.960 min Scan# 3

Delta R.T. -0.012 min

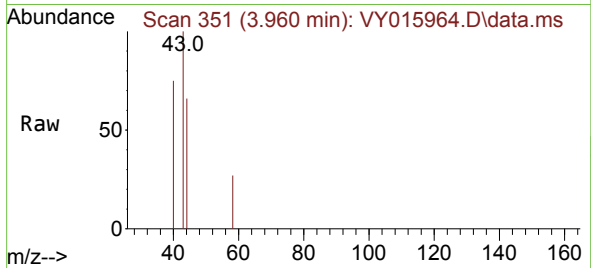
Lab File: VY015964.D

Acq: 13 Oct 2023 17:49

Instrument :

MSVOA_Y

ClientSampleId :

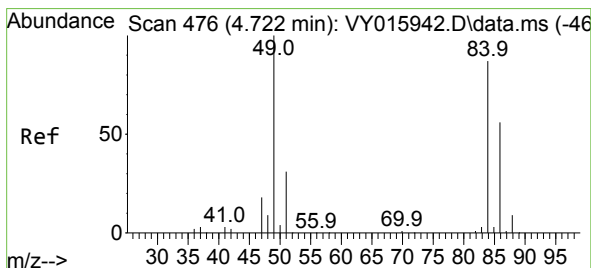
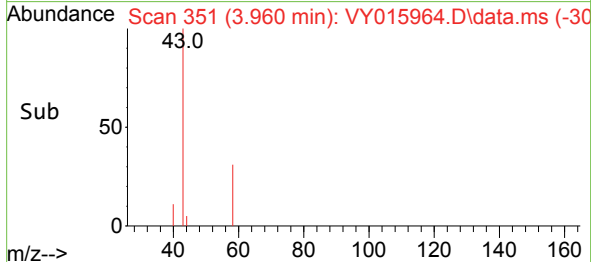
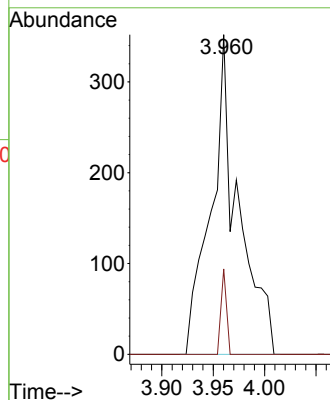


Tgt Ion: 43 Resp: 647

Ion Ratio Lower Upper

43 100

58 26.7 22.7 34.1



#20

Methylene Chloride

Concen: 6.090 ug/l

RT: 4.734 min Scan# 478

Delta R.T. 0.012 min

Lab File: VY015964.D

Acq: 13 Oct 2023 17:49

Tgt Ion: 84 Resp: 1170

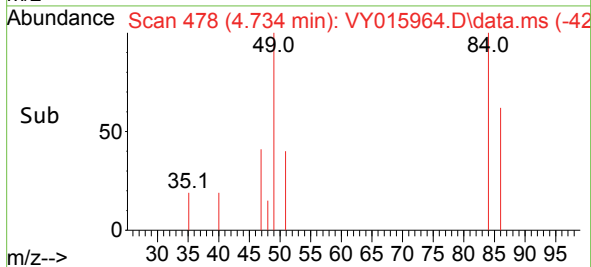
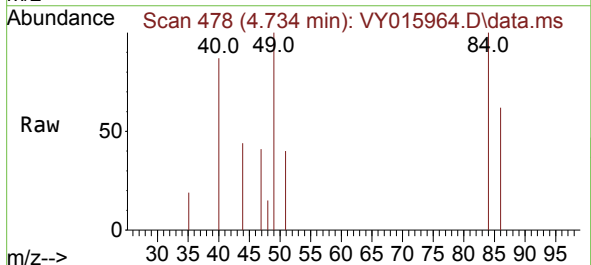
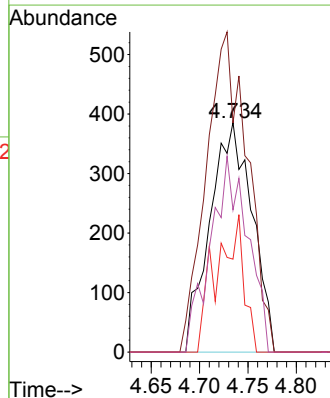
Ion Ratio Lower Upper

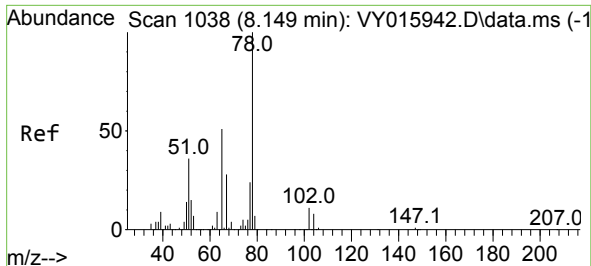
84 100

49 99.7 106.9 160.3#

51 40.4 33.2 49.8

86 61.9 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 62.358 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY015964.D

Acq: 13 Oct 2023 17:49

Instrument :

MSVOA_Y

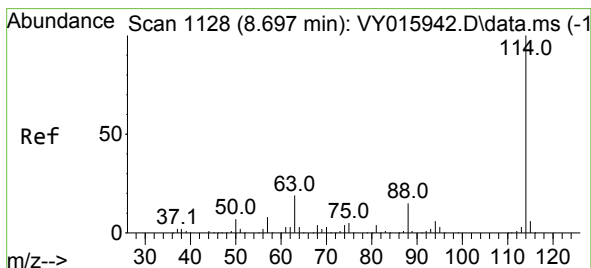
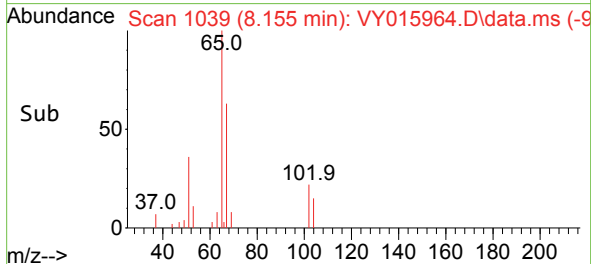
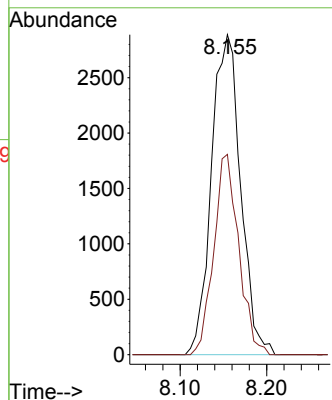
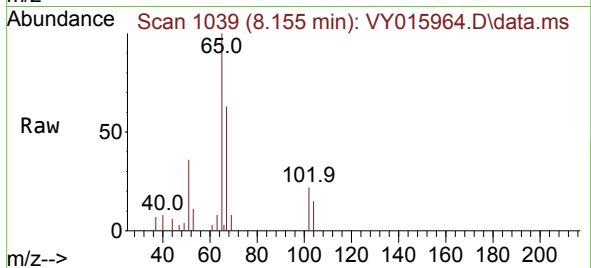
ClientSampleId :

Tgt Ion: 65 Resp: 6756

Ion Ratio Lower Upper

65 100

67 53.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY015964.D

Acq: 13 Oct 2023 17:49

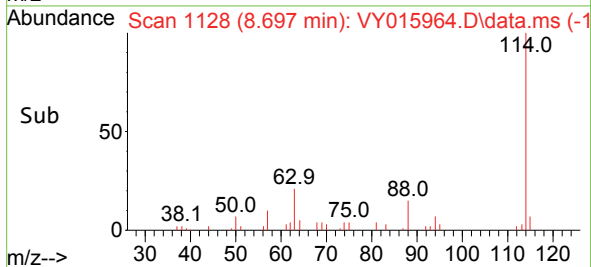
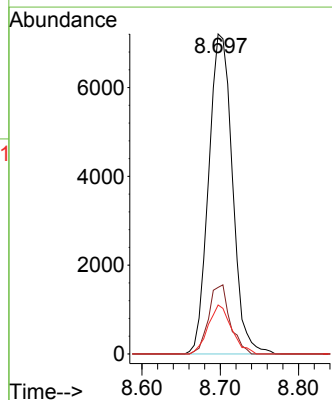
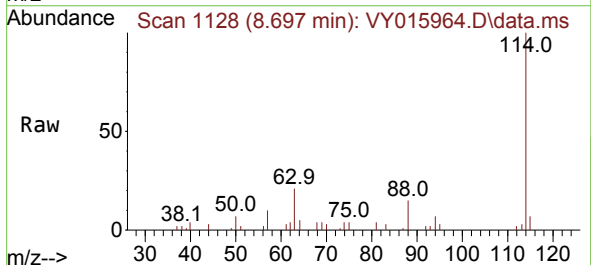
Tgt Ion: 114 Resp: 15206

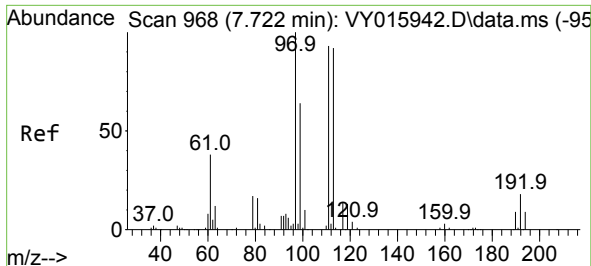
Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.4

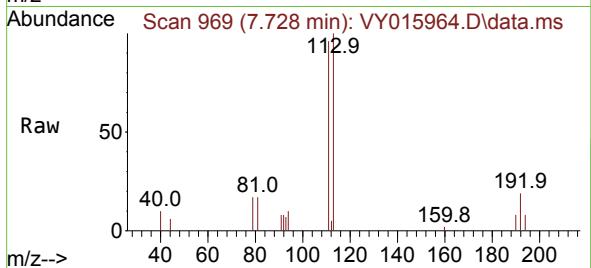
88 15.3 0.0 30.6



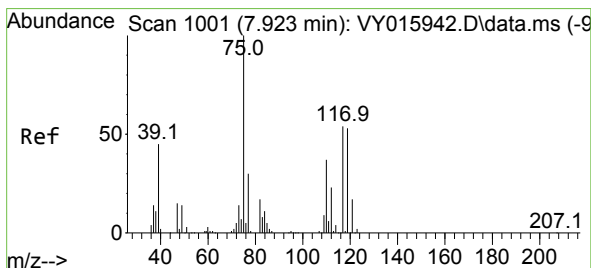
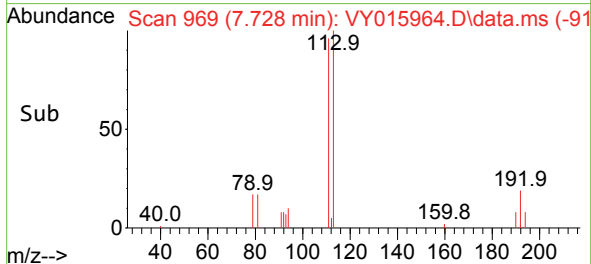
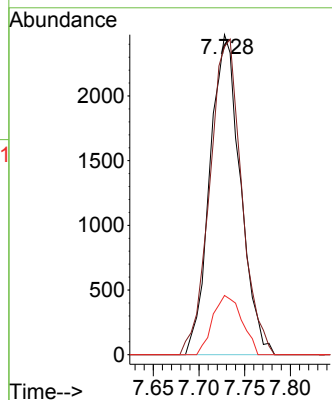


#35
Dibromofluoromethane
Concen: 59.856 ug/l
RT: 7.728 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY015964.D
Acq: 13 Oct 2023 17:49

Instrument :
MSVOA_Y
ClientSampleId :

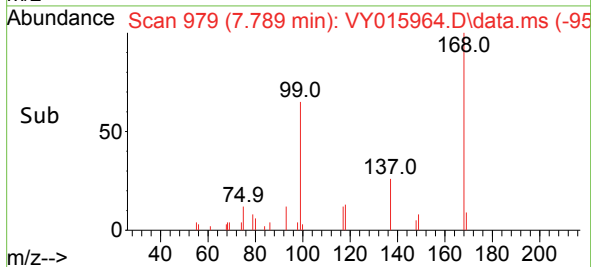
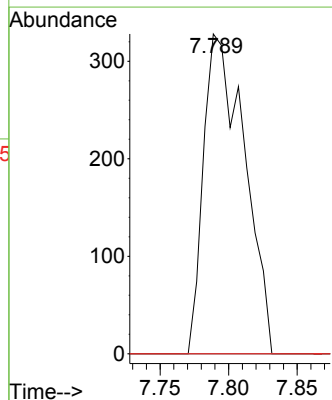
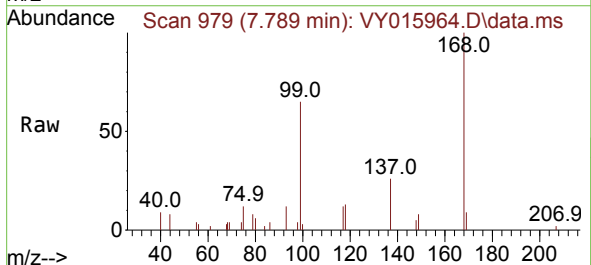


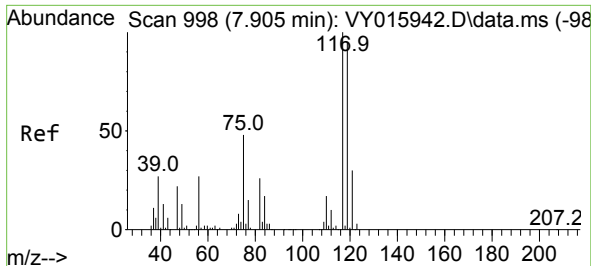
Tgt Ion:113 Resp: 5730
Ion Ratio Lower Upper
113 100
111 102.9 81.3 121.9
192 17.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.701 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY015964.D
Acq: 13 Oct 2023 17:49

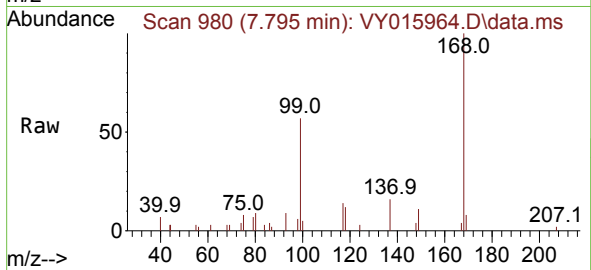
Tgt Ion: 75 Resp: 679
Ion Ratio Lower Upper
75 100
110 0.0 17.8 53.5#
77 0.0 24.4 36.6#



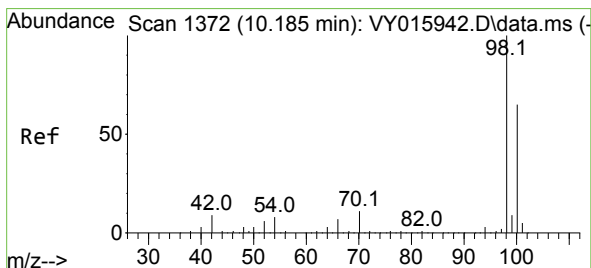
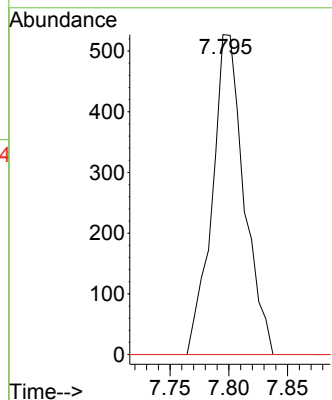
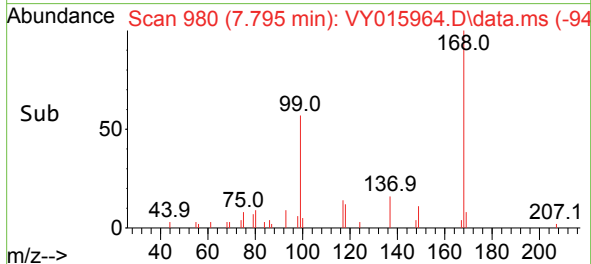


#38
Carbon Tetrachloride
Concen: 6.541 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY015964.D
Acq: 13 Oct 2023 17:49

Instrument :
MSVOA_Y
ClientSampleId :

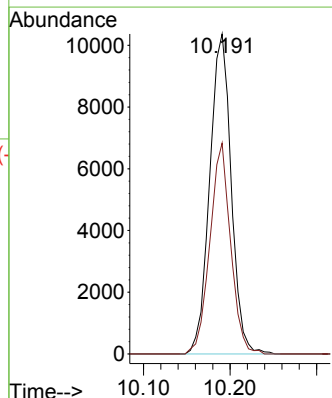
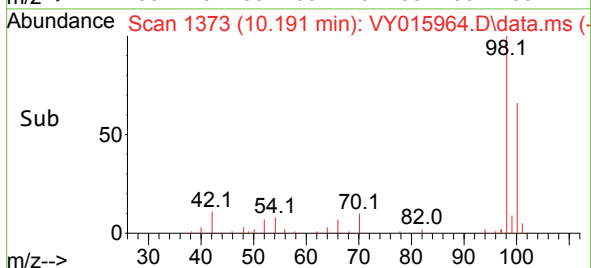
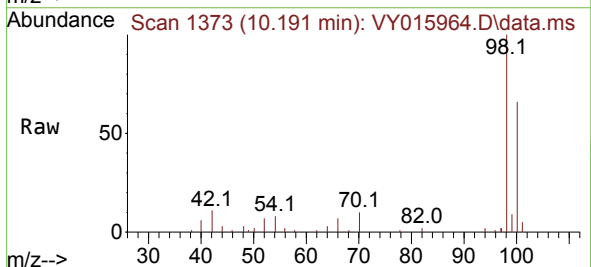


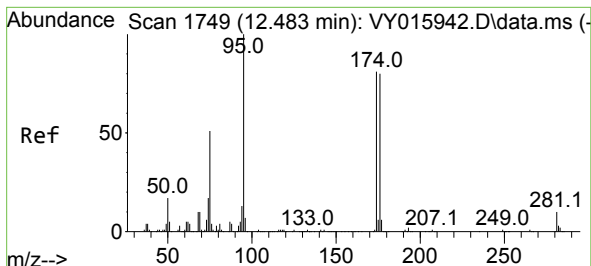
Tgt Ion:117 Resp: 995
Ion Ratio Lower Upper
117 100
119 0.0 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.752 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY015964.D
Acq: 13 Oct 2023 17:49

Tgt Ion: 98 Resp: 17836
Ion Ratio Lower Upper
98 100
100 63.6 50.1 75.1

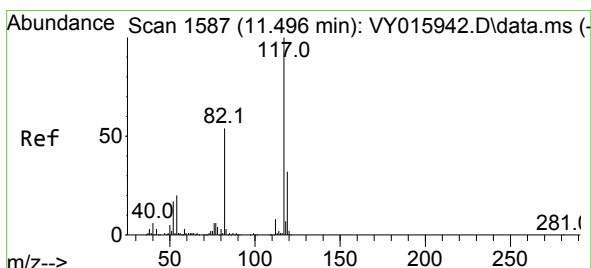
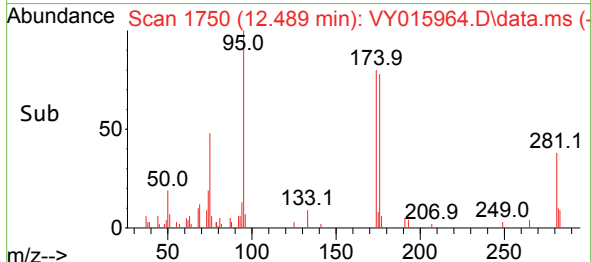
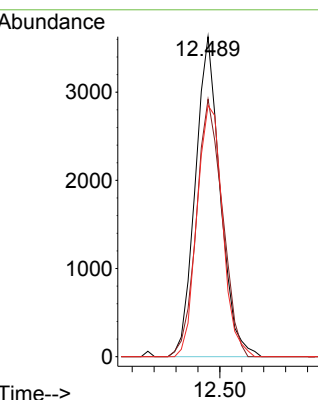
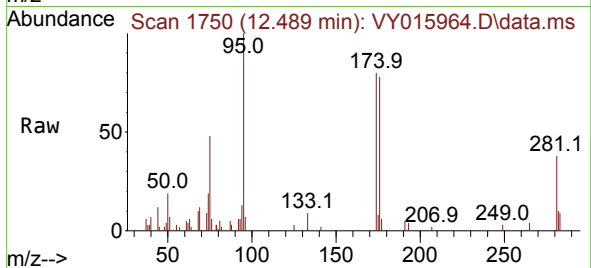




#62
4-Bromofluorobenzene
Concen: 44.816 ug/l
RT: 12.489 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015964.D
Acq: 13 Oct 2023 17:49

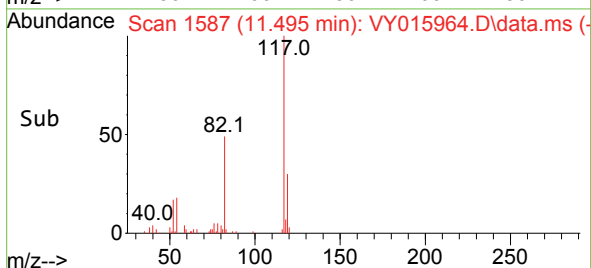
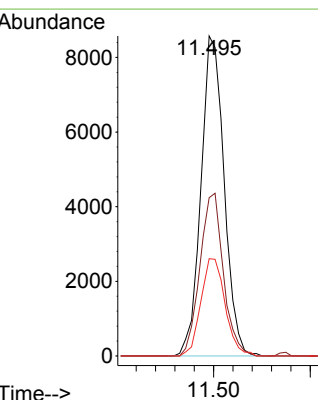
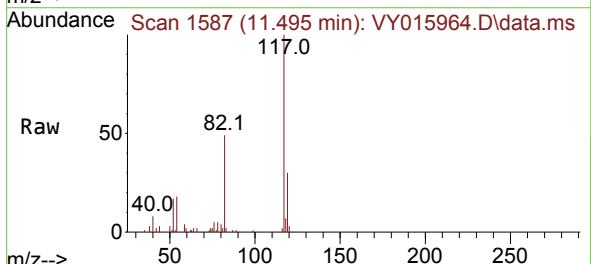
Instrument :
MSVOA_Y
ClientSampleId :

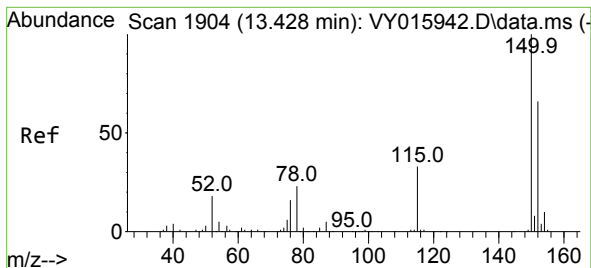
Tgt Ion: 95 Resp: 5721
Ion Ratio Lower Upper
95 100
174 84.1 0.0 178.2
176 80.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY015964.D
Acq: 13 Oct 2023 17:49

Tgt Ion: 117 Resp: 14222
Ion Ratio Lower Upper
117 100
82 49.4 43.4 65.0
119 30.4 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015964.D

Acq: 13 Oct 2023 17:49

Instrument :

MSVOA_Y

ClientSampleId :

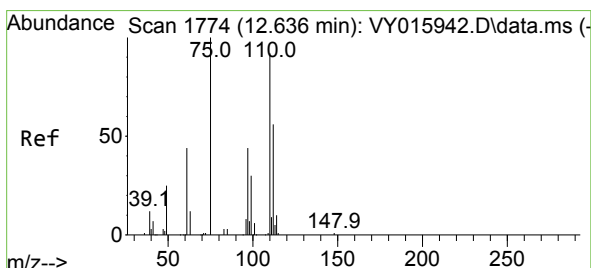
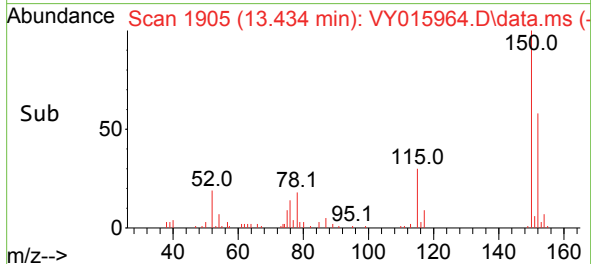
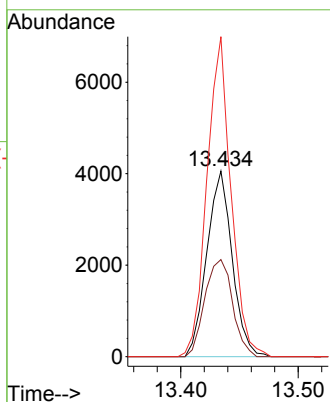
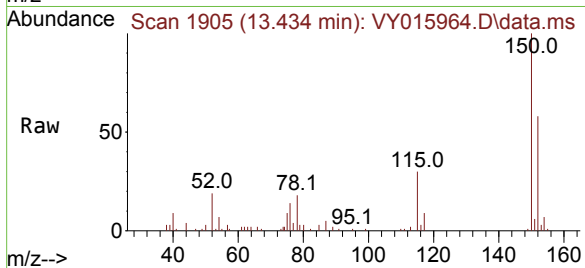
Tgt Ion:152 Resp: 6097

Ion Ratio Lower Upper

152 100

115 57.1 28.8 86.5

150 162.9 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 23.073 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.146 min

Lab File: VY015964.D

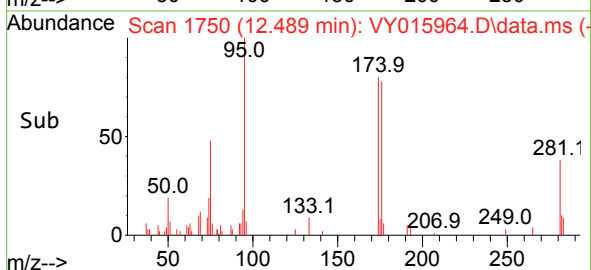
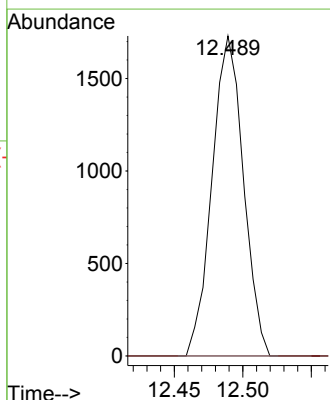
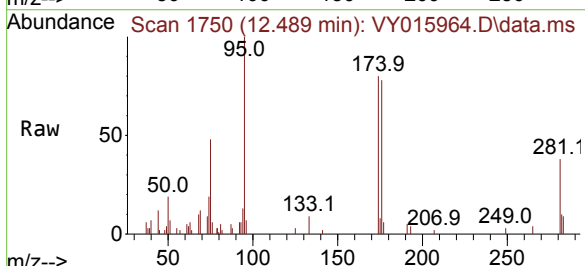
Acq: 13 Oct 2023 17:49

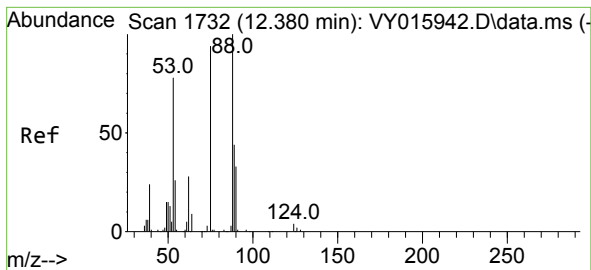
Tgt Ion: 75 Resp: 2753

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.352 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY015964.D
 Acq: 13 Oct 2023 17:49

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 75 Resp: 2753
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

