

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082423\
 Data File : VY015311.D
 Acq On : 24 Aug 2023 14:47
 Operator : SY/MD
 Sample : 04133-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 25 03:19:41 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)

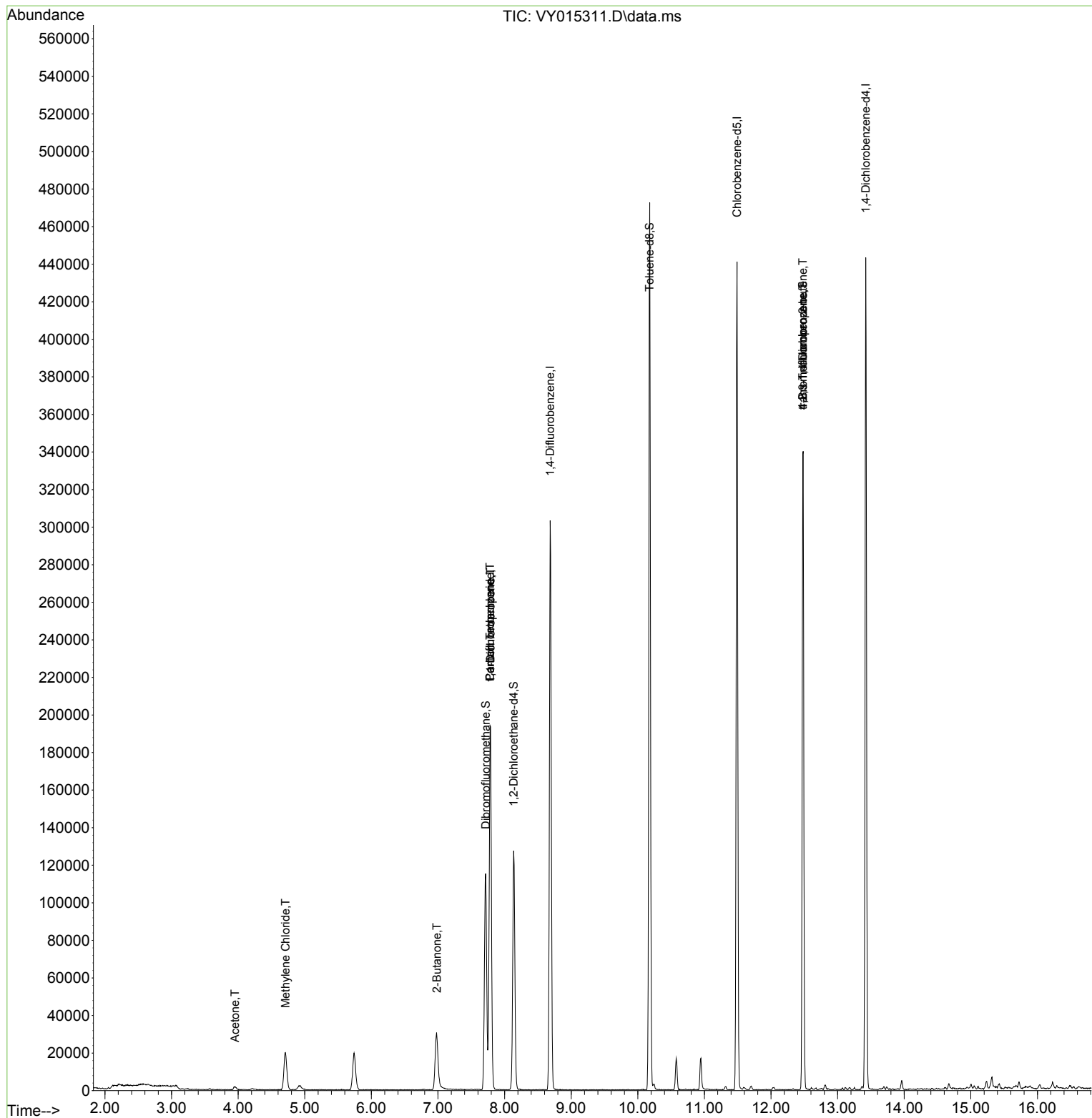
Internal Standards						
1) Pentafluorobenzene	7.783	168	153327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	258451	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	234140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	110753	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	98376	53.449	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.900%			
35) Dibromofluoromethane	7.716	113	81453	48.988	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.980%			
50) Toluene-d8	10.179	98	303303	49.003	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.000%			
62) 4-Bromofluorobenzene	12.477	95	102434	45.311	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 90.620%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	212	Below Cal	#	40
5) Bromomethane	2.650	94	342	Below Cal	#	72
11) Tert butyl alcohol	4.911	59	1204	Below Cal	#	89
16) Acetone	3.954	43	2975	4.948	ug/l #	80
20) Methylene Chloride	4.710	84	15143	6.768	ug/l	90
25) 2-Butanone	6.984	43	1843	2.165	ug/l #	82
31) Cyclohexane	7.789	56	3421	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	12108	6.582	ug/l #	50
38) Carbon Tetrachloride	7.783	117	15418	7.082	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	56089	41.684	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	56089	91.559	ug/l #	10

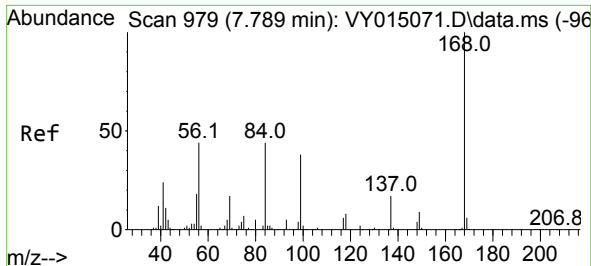
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 14 12:43:26 2023
Response via : Initial Calibration

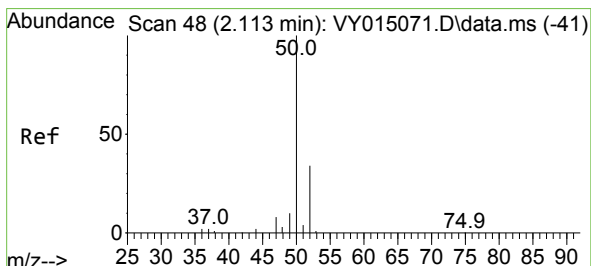
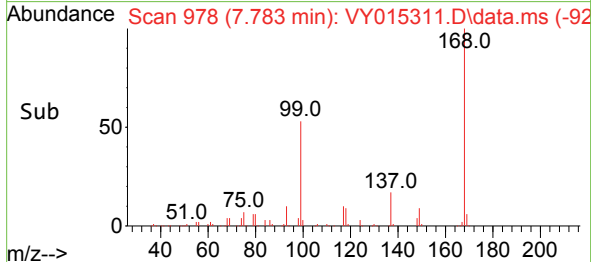
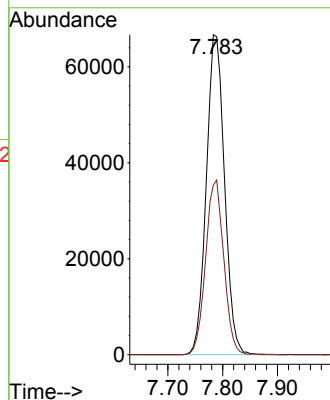
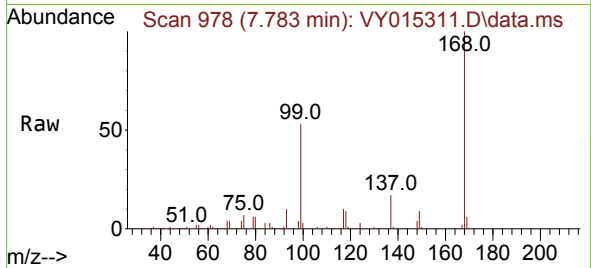




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015311.D
Acq: 24 Aug 2023 14:47

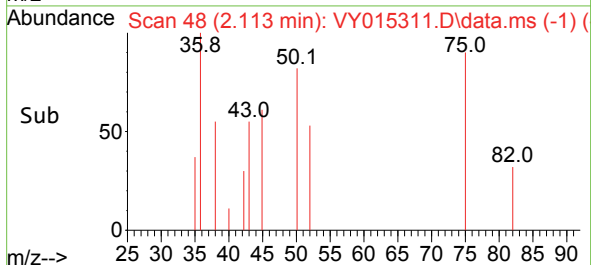
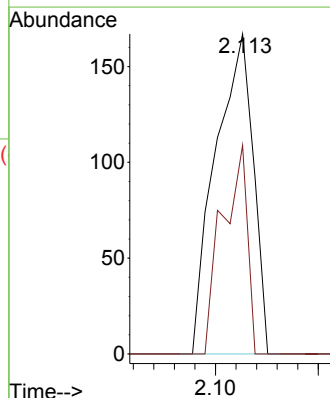
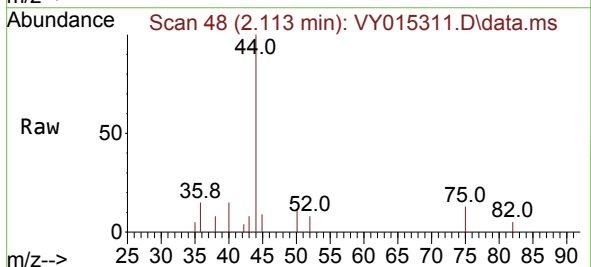
Instrument :
MSVOA_Y
ClientSampleId :

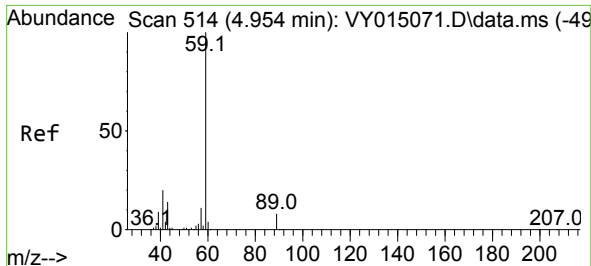
Tgt Ion:168 Resp: 153327
Ion Ratio Lower Upper
168 100
99 52.9 43.4 65.0



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY015311.D
Acq: 24 Aug 2023 14:47

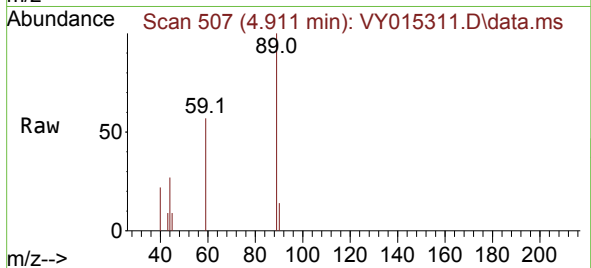
Tgt Ion: 50 Resp: 212
Ion Ratio Lower Upper
50 100
52 65.3 25.4 38.2#



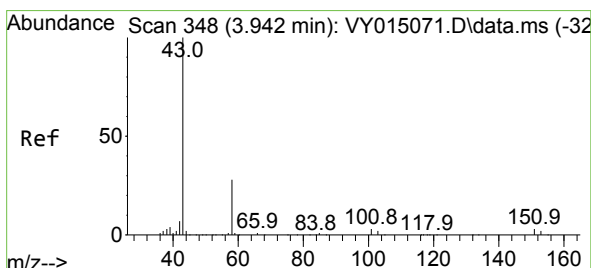
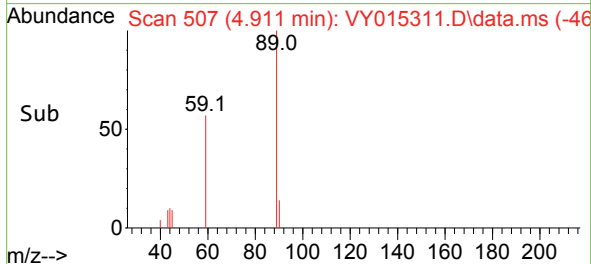
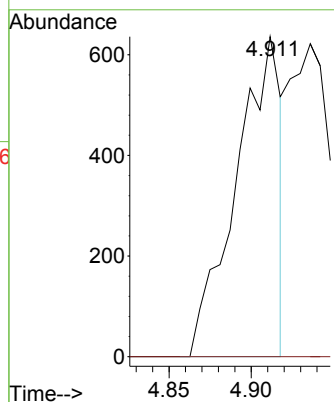


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.911 min Scan# 50
Delta R.T. -0.037 min
Lab File: VY015311.D
Acq: 24 Aug 2023 14:47

Instrument :
MSVOA_Y
ClientSampleId :

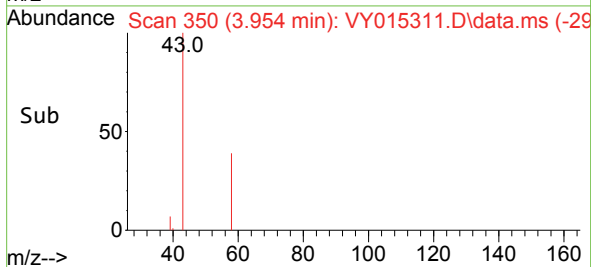
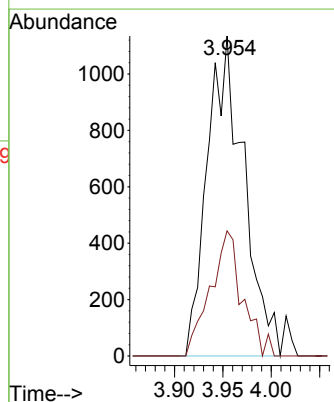
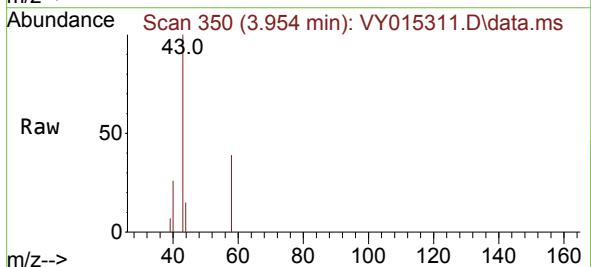


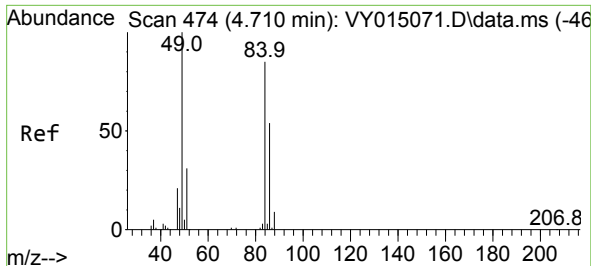
Tgt Ion: 59 Resp: 1204
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#16
Acetone
Concen: 4.948 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015311.D
Acq: 24 Aug 2023 14:47

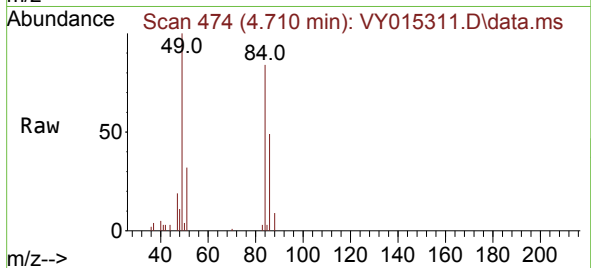
Tgt Ion: 43 Resp: 2975
Ion Ratio Lower Upper
43 100
58 39.1 22.7 34.1#





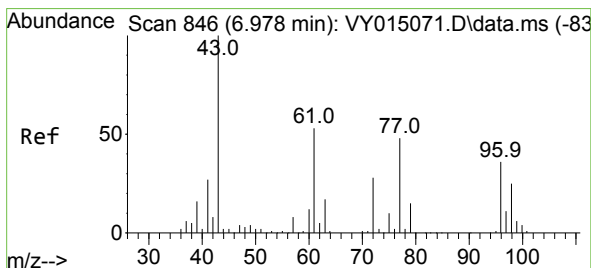
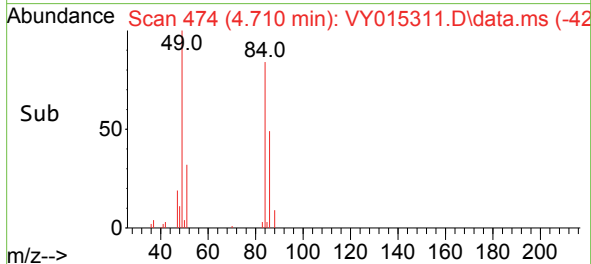
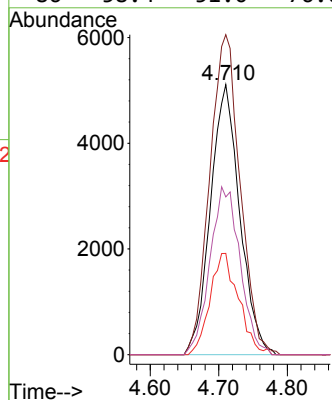
#20
Methylene Chloride
Concen: 6.768 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY015311.D
Acq: 24 Aug 2023 14:47

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 15143

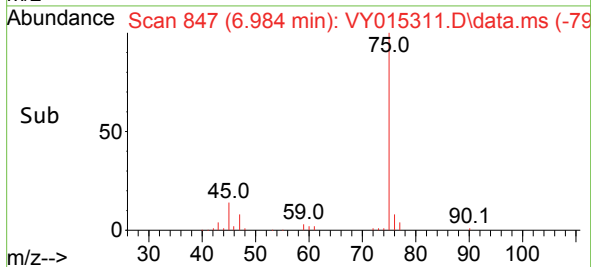
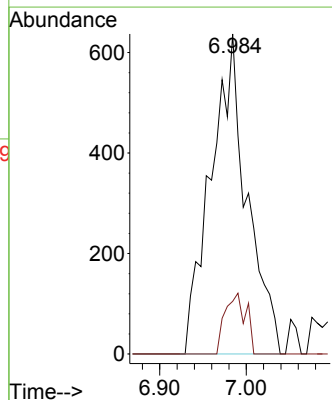
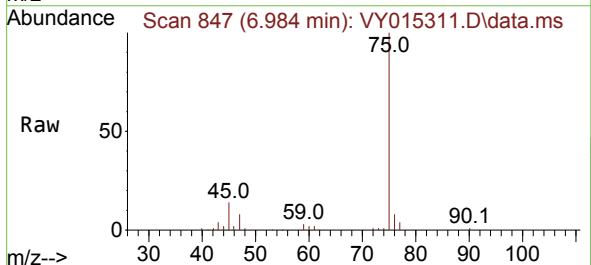
Ion	Ratio	Lower	Upper
84	100		
49	118.5	106.9	160.3
51	37.5	33.2	49.8
86	58.4	51.0	76.6

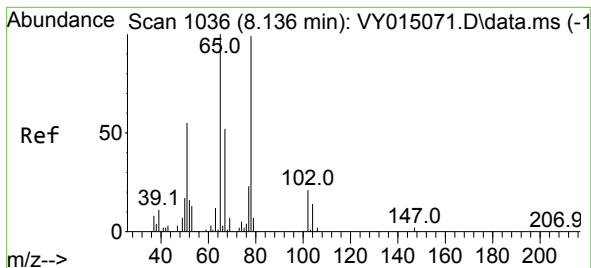


#25
2-Butanone
Concen: 2.165 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY015311.D
Acq: 24 Aug 2023 14:47

Tgt Ion: 43 Resp: 1843

Ion	Ratio	Lower	Upper
43	100		
72	16.5	20.5	30.7#





#33

1,2-Dichloroethane-d4

Concen: 53.449 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015311.D

Acq: 24 Aug 2023 14:47

Instrument :

MSVOA_Y

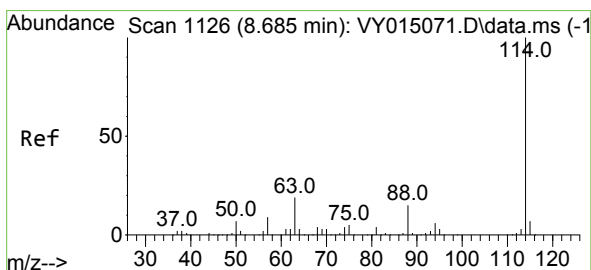
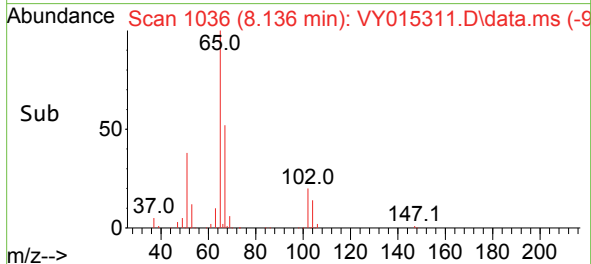
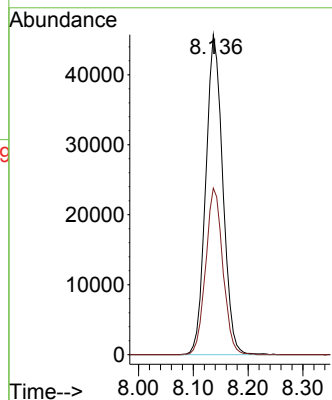
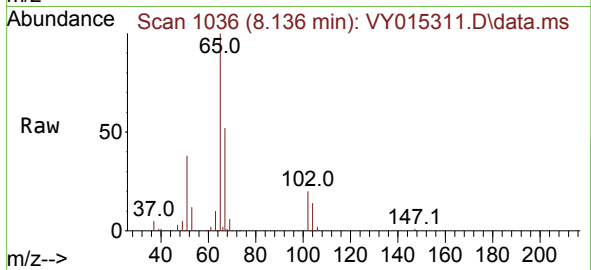
ClientSampleId :

Tgt Ion: 65 Resp: 98376

Ion Ratio Lower Upper

65 100

67 52.6 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: VY015311.D

Acq: 24 Aug 2023 14:47

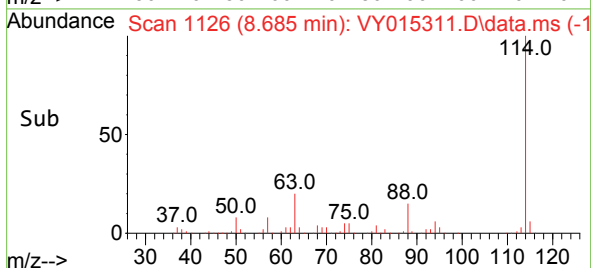
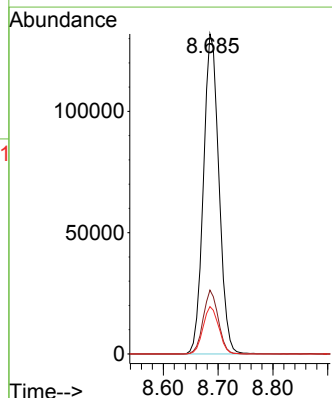
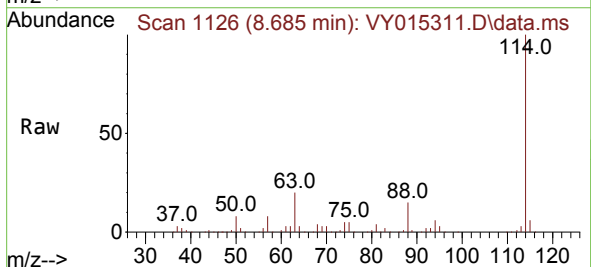
Tgt Ion: 114 Resp: 258451

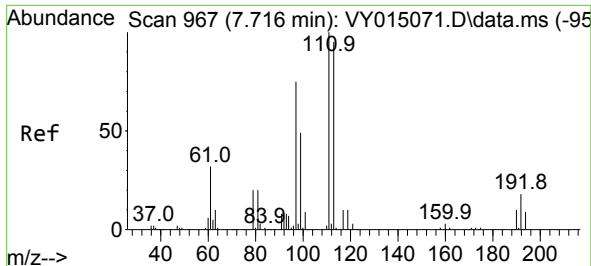
Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.4

88 14.8 0.0 30.6

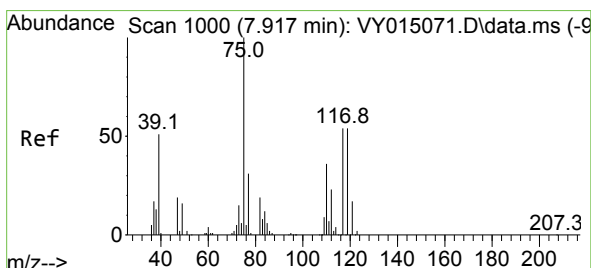
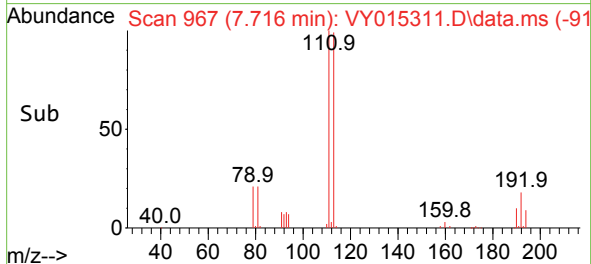
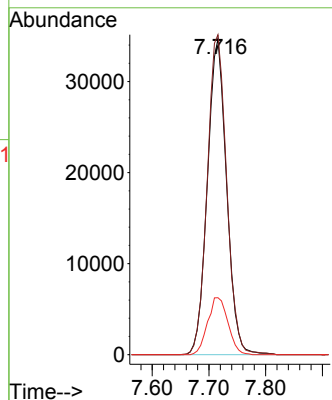
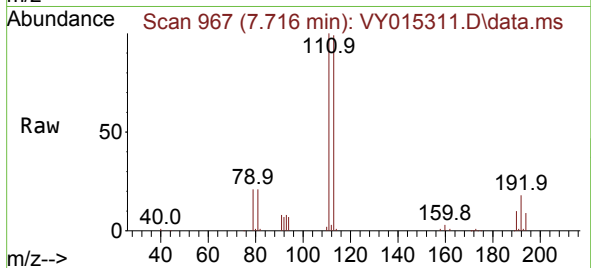




#35
Dibromofluoromethane
Concen: 48.988 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015311.D
Acq: 24 Aug 2023 14:47

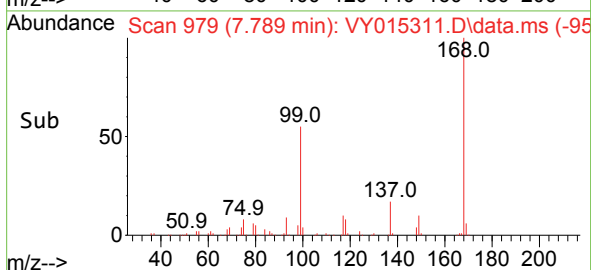
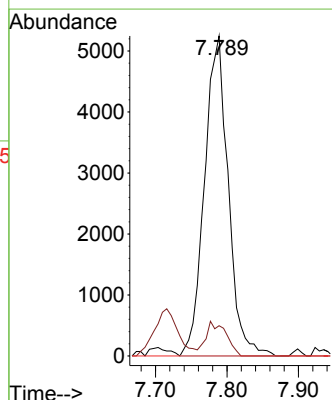
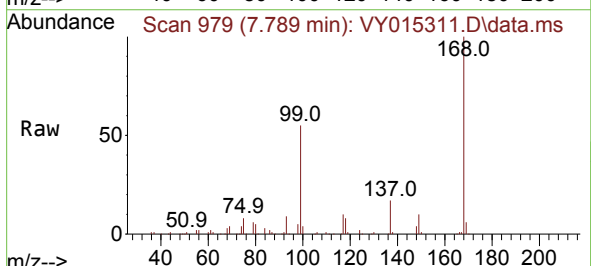
Instrument :
MSVOA_Y
ClientSampleId :

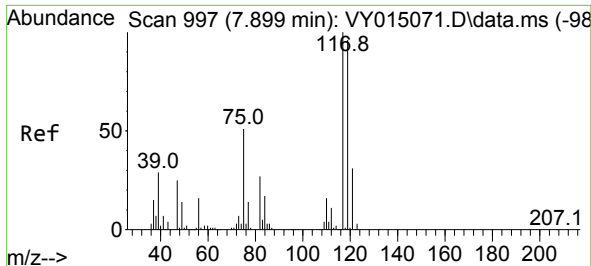
Tgt Ion:113 Resp: 81453
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 19.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 6.582 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY015311.D
Acq: 24 Aug 2023 14:47

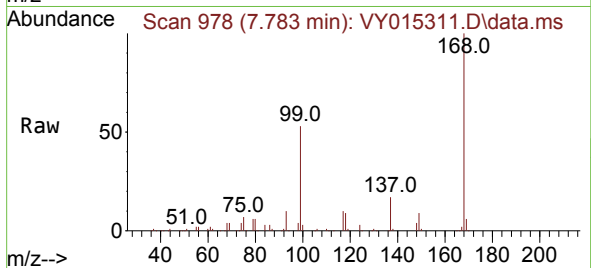
Tgt Ion: 75 Resp: 12108
Ion Ratio Lower Upper
75 100
110 9.1 17.8 53.5#
77 0.0 24.4 36.6#



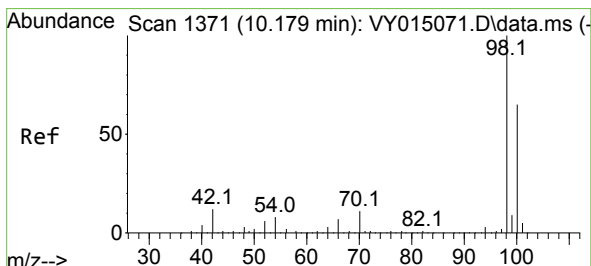
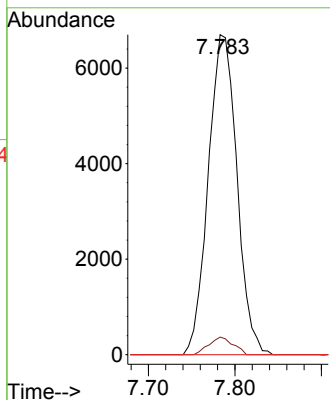
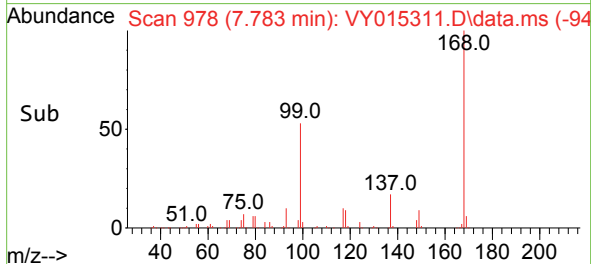


#38
Carbon Tetrachloride
Concen: 7.082 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY015311.D
Acq: 24 Aug 2023 14:47

Instrument :
MSVOA_Y
ClientSampleId :

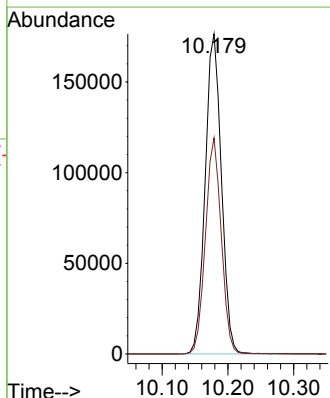
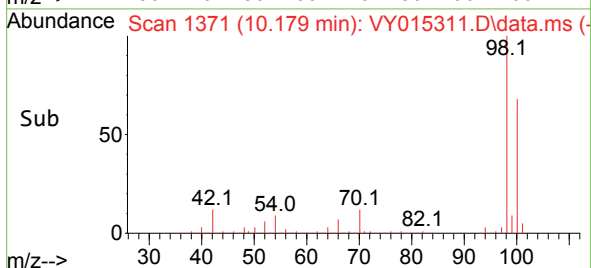
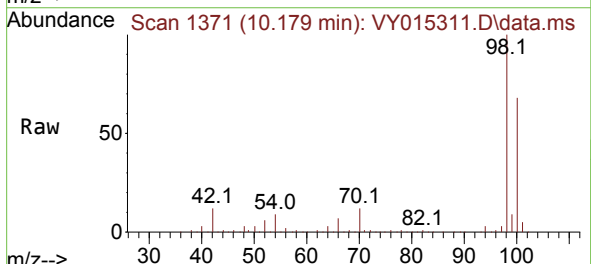


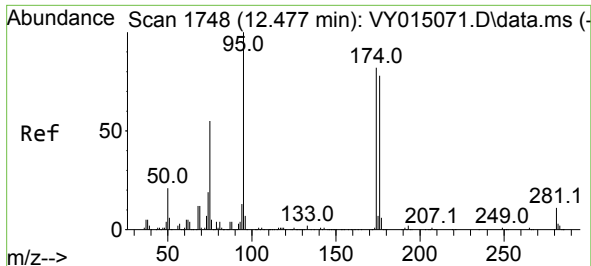
Tgt Ion:117 Resp: 15418
Ion Ratio Lower Upper
117 100
119 5.5 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.003 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015311.D
Acq: 24 Aug 2023 14:47

Tgt Ion: 98 Resp: 303303
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1

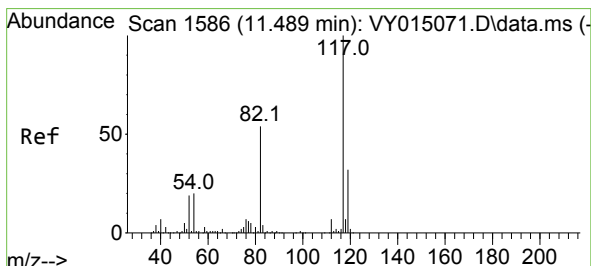
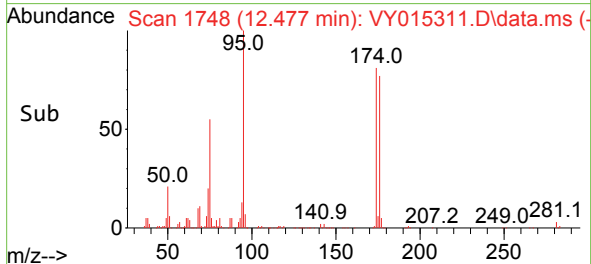
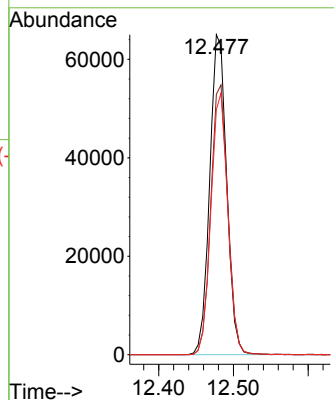
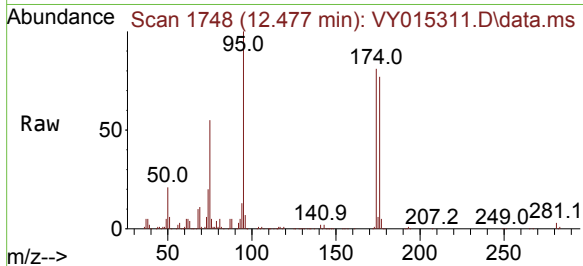




#62
4-Bromofluorobenzene
Concen: 45.311 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015311.D
Acq: 24 Aug 2023 14:47

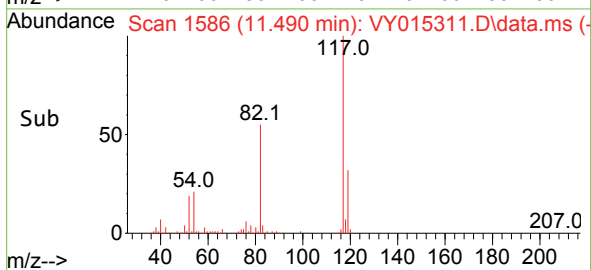
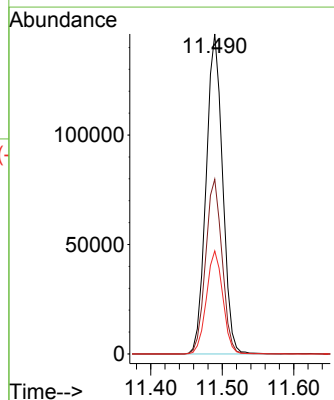
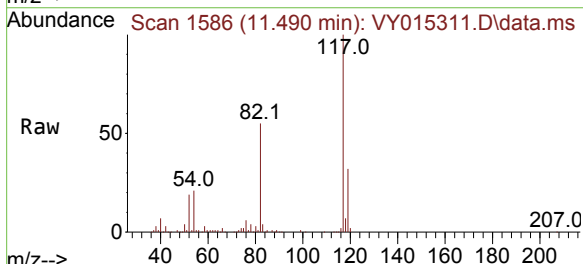
Instrument :
MSVOA_Y
ClientSampleId :

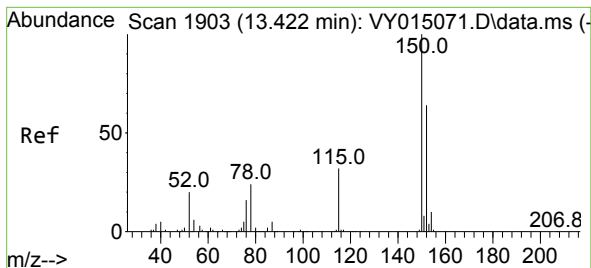
Tgt Ion: 95 Resp: 102434
Ion Ratio Lower Upper
95 100
174 84.7 0.0 178.2
176 81.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015311.D
Acq: 24 Aug 2023 14:47

Tgt Ion: 117 Resp: 234140
Ion Ratio Lower Upper
117 100
82 54.6 43.4 65.0
119 32.2 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

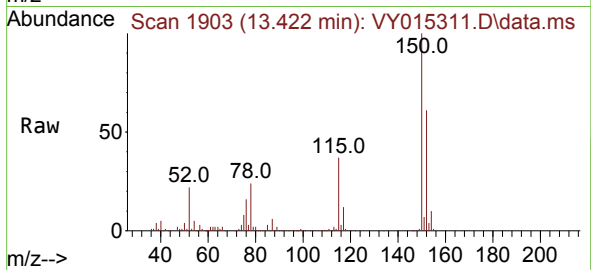
Lab File: VY015311.D

Acq: 24 Aug 2023 14:47

Instrument :

MSVOA_Y

ClientSampleId :



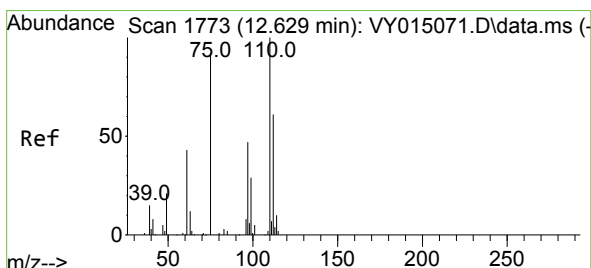
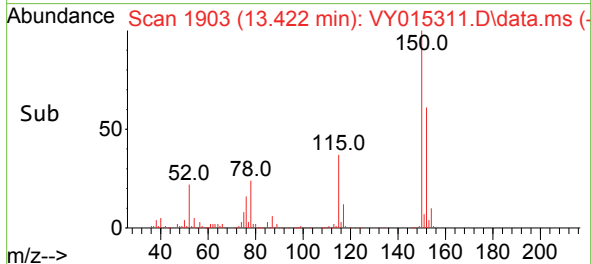
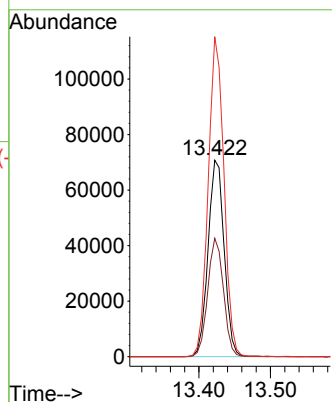
Tgt Ion:152 Resp: 110753

Ion Ratio Lower Upper

152 100

115 58.9 28.8 86.5

150 158.8 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 41.684 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY015311.D

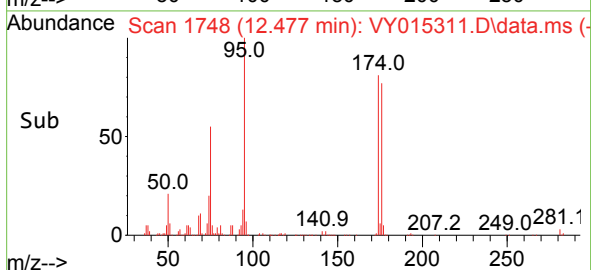
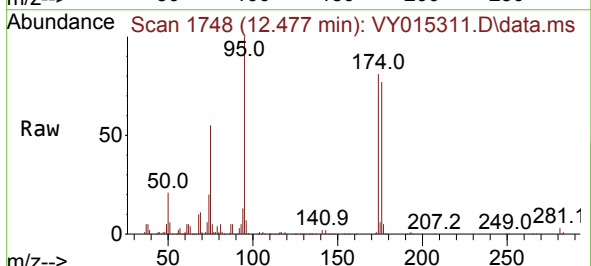
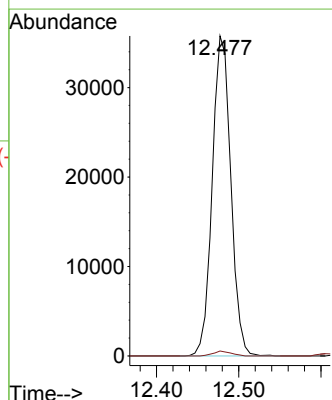
Acq: 24 Aug 2023 14:47

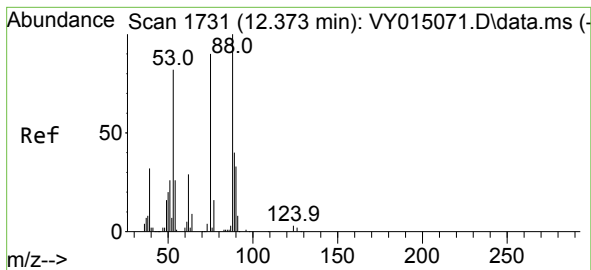
Tgt Ion: 75 Resp: 56089

Ion Ratio Lower Upper

75 100

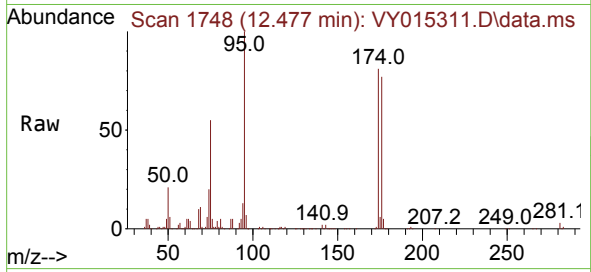
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.559 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY015311.D
 Acq: 24 Aug 2023 14:47

Instrument :
 MSVOA_Y
 ClientSampleId :



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

