

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062524\
 Data File : VY018688.D
 Acq On : 25 Jun 2024 15:06
 Operator : SY/MD
 Sample : P3021-07
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 26 02:37:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

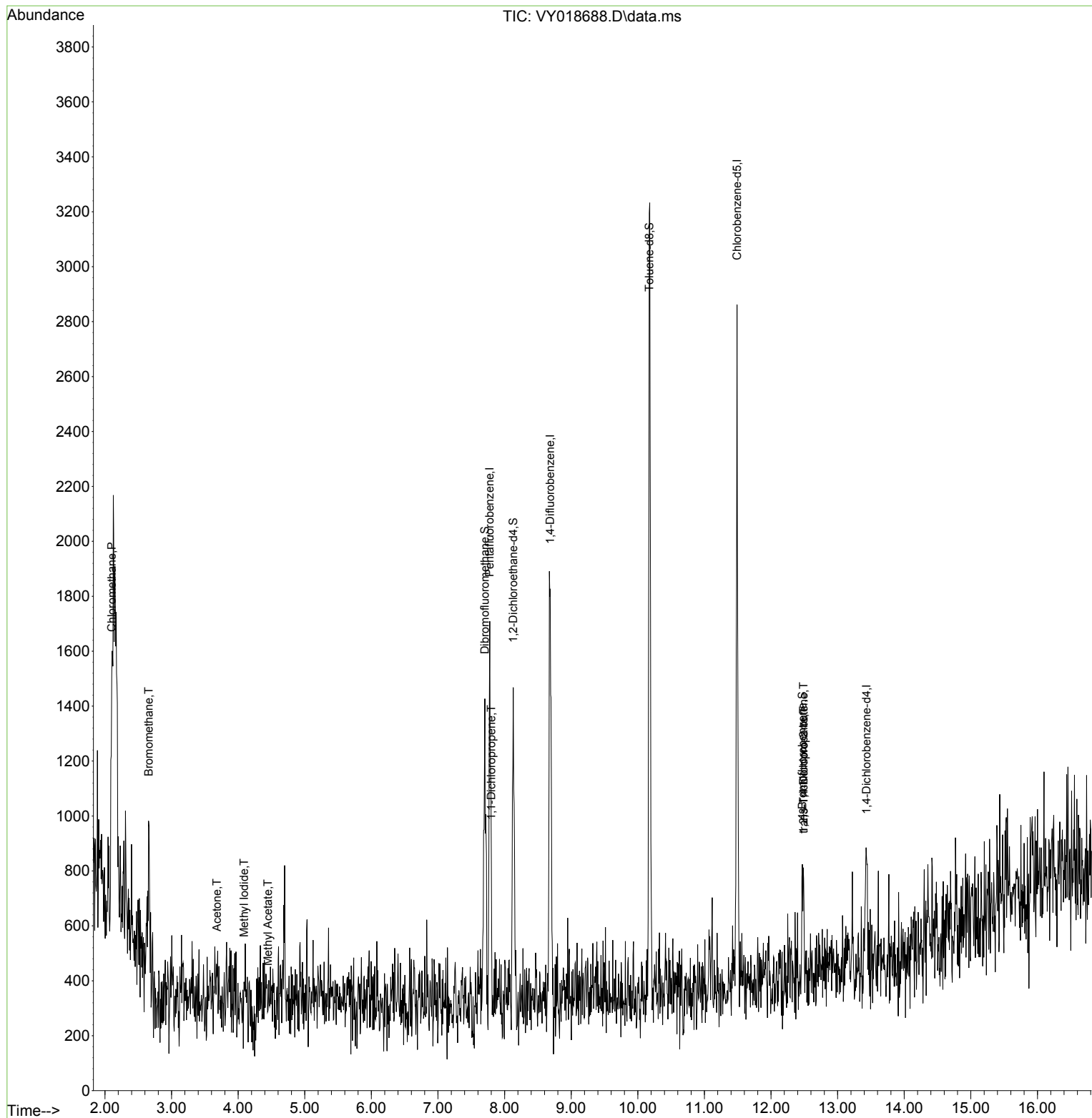
Internal Standards						
1) Pentafluorobenzene	7.777	168	1306	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	2457	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	1487	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	129	50.000	ug/l	# 0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	952	72.403	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	144.800%	
35) Dibromofluoromethane	7.704	113	800	53.376	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	106.760%	
50) Toluene-d8	10.173	98	2210	38.342	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	76.680%	
62) 4-Bromofluorobenzene	12.471	95	144	7.912	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	15.820%#	
Target Compounds						
					Qvalue	
3) Chloromethane	2.101	50	71	4.008	ug/l	# 43
5) Bromomethane	2.656	94	157	9.628	ug/l	# 55
10) Methyl Iodide	4.088	142	58	4.526	ug/l	# 42
16) Acetone	3.680	43	23	8.598	ug/l	# 36
18) Methyl Acetate	4.448	43	26	3.832	ug/l	# 46
20) Methylene Chloride	4.692	84	76	Below Cal		# 19
36) 1,1-Dichloropropene	7.801	75	24	1.163	ug/l	# 40
76) 1,2,3-Trichloropropane	12.489	75	56	46.278	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.489	75	56	121.220	ug/l	# 16

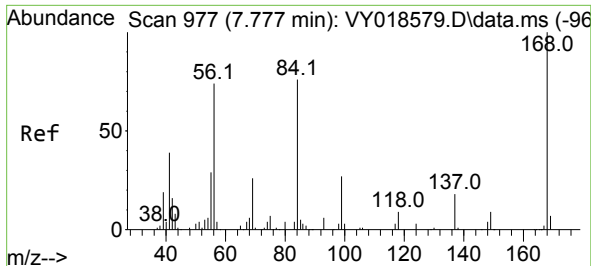
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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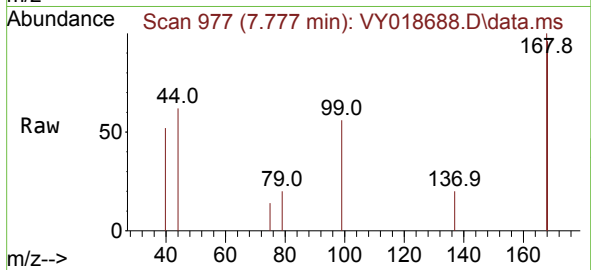
Quant Time: Jun 26 02:37:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 14 07:08:24 2024
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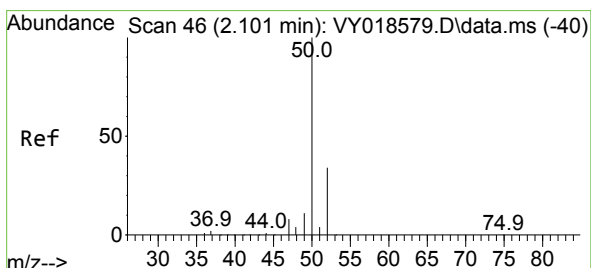
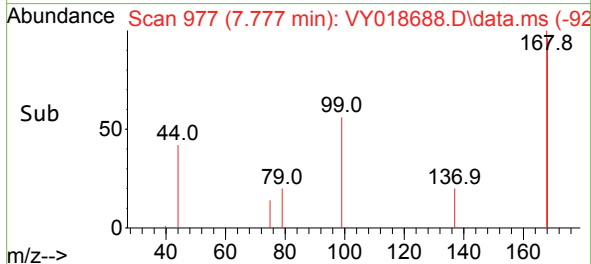
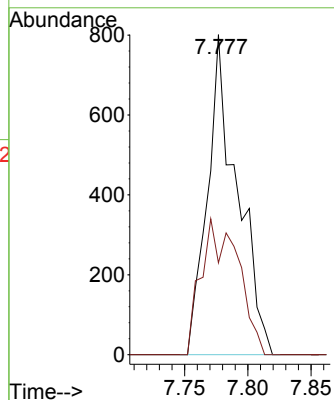


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018688.D
Acq: 25 Jun 2024 15:06

Instrument :
MSVOA_Y
ClientSampleId :

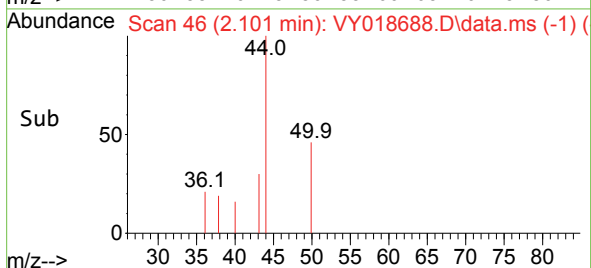
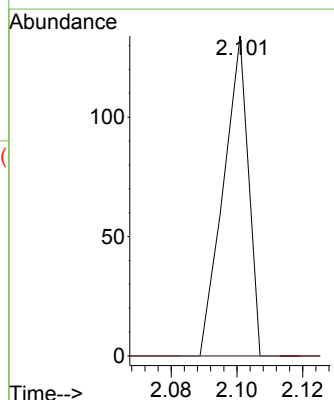
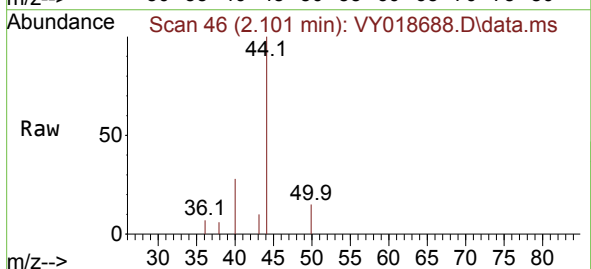


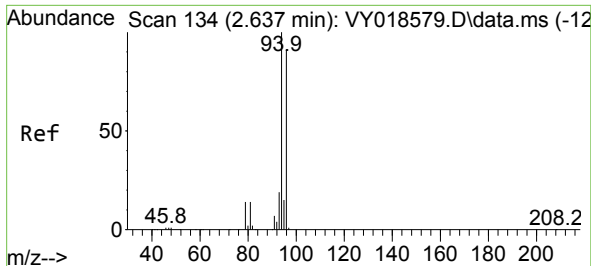
Tgt Ion:168 Resp: 1306
Ion Ratio Lower Upper
168 100
99 28.7 39.1 58.7#



#3
Chloromethane
Concen: 4.008 ug/l
RT: 2.101 min Scan# 46
Delta R.T. 0.000 min
Lab File: VY018688.D
Acq: 25 Jun 2024 15:06

Tgt Ion: 50 Resp: 71
Ion Ratio Lower Upper
50 100
52 0.0 25.6 38.4#

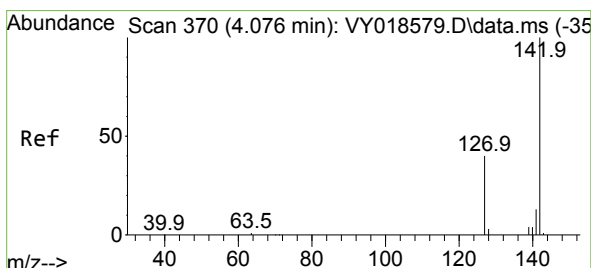
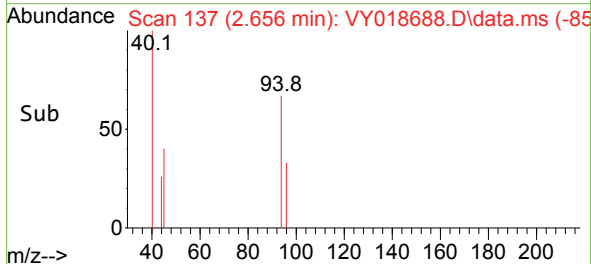
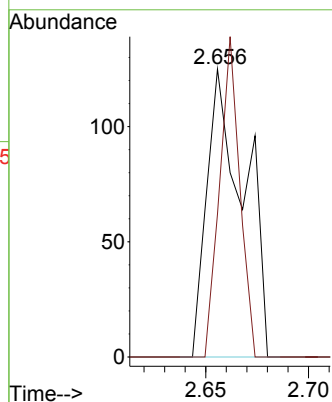
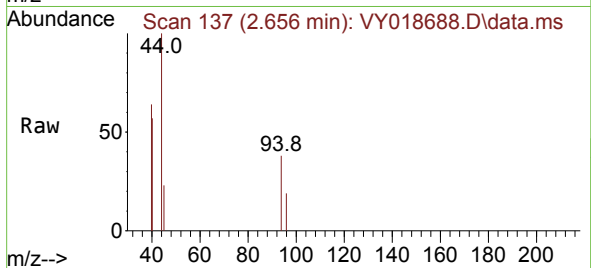




#5
Bromomethane
Concen: 9.628 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY018688.D
Acq: 25 Jun 2024 15:06

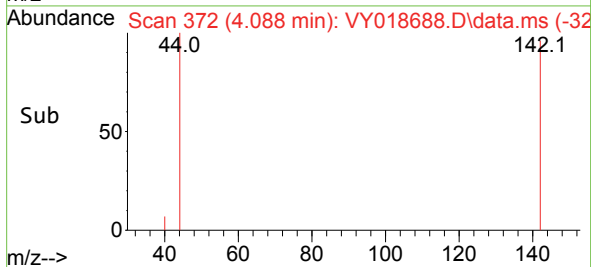
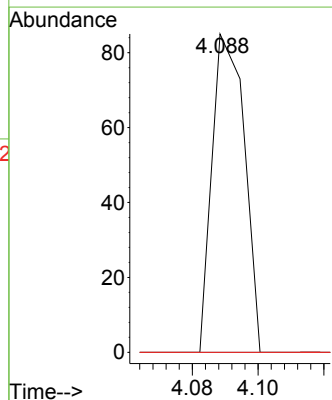
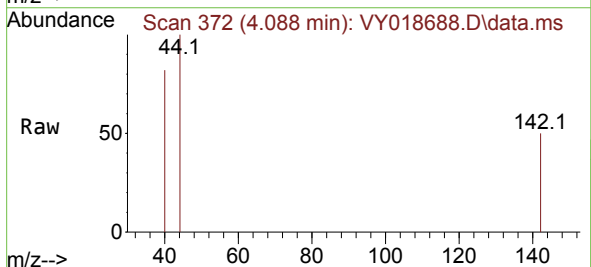
Instrument :
MSVOA_Y
ClientSampleId :

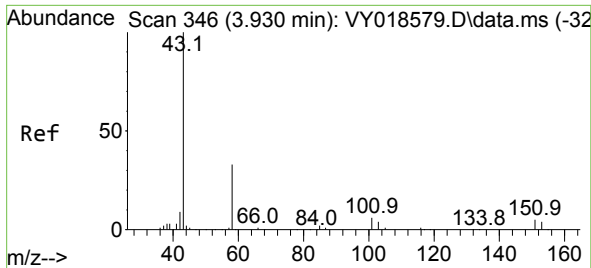
Tgt Ion: 94 Resp: 157
Ion Ratio Lower Upper
94 100
96 49.6 74.1 111.1#



#10
Methyl Iodide
Concen: 4.526 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.012 min
Lab File: VY018688.D
Acq: 25 Jun 2024 15:06

Tgt Ion:142 Resp: 58
Ion Ratio Lower Upper
142 100
127 0.0 32.8 49.2#
141 0.0 11.4 17.2#

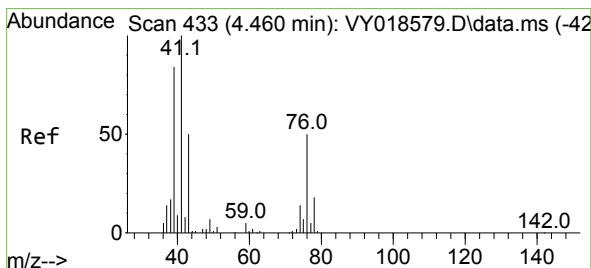
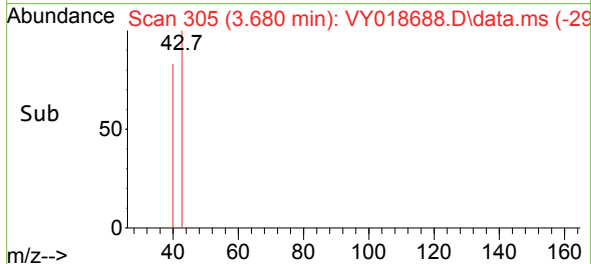
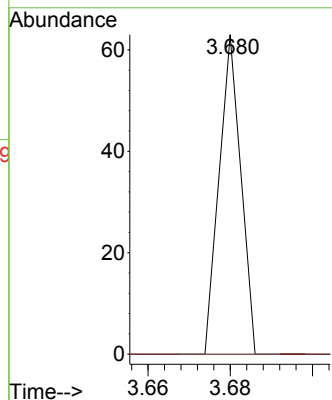
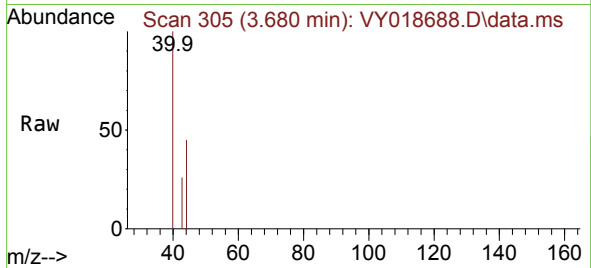




#16
Acetone
Concen: 8.598 ug/l
RT: 3.680 min Scan# 305
Delta R.T. -0.250 min
Lab File: VY018688.D
Acq: 25 Jun 2024 15:06

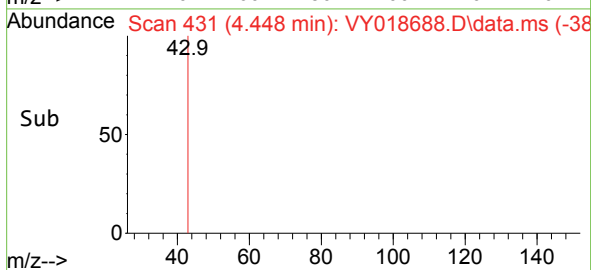
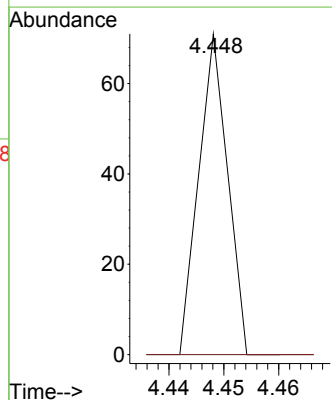
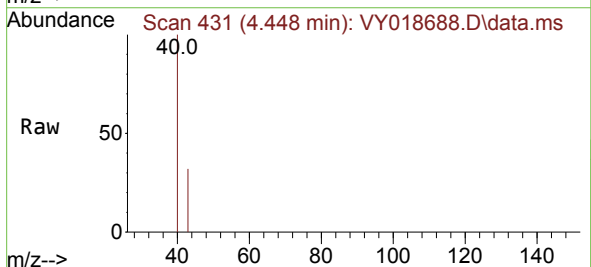
Instrument :
MSVOA_Y
ClientSampleId :

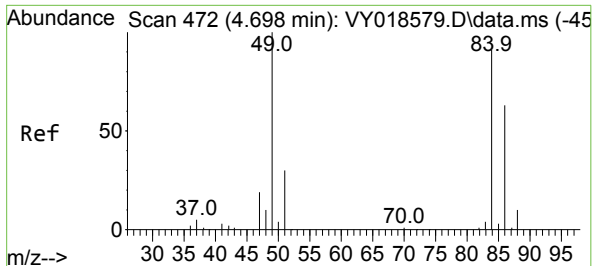
Tgt Ion: 43 Resp: 23
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#18
Methyl Acetate
Concen: 3.832 ug/l
RT: 4.448 min Scan# 431
Delta R.T. -0.012 min
Lab File: VY018688.D
Acq: 25 Jun 2024 15:06

Tgt Ion: 43 Resp: 26
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.692 min Scan# 41

Delta R.T. -0.006 min

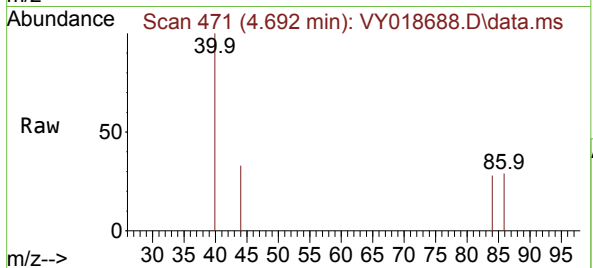
Lab File: VY018688.D

Acq: 25 Jun 2024 15:06

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 76

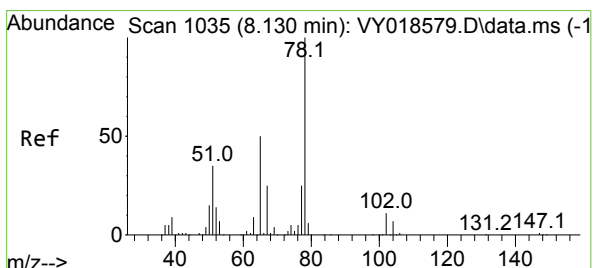
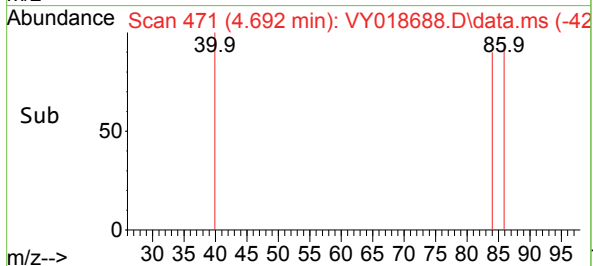
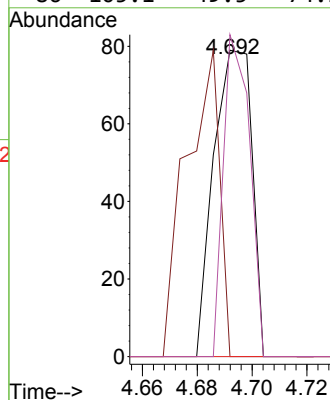
Ion Ratio Lower Upper

84 100

49 0.0 84.4 126.6#

51 0.0 26.0 39.0#

86 105.1 49.5 74.3#



#33

1,2-Dichloroethane-d4

Concen: 72.403 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VY018688.D

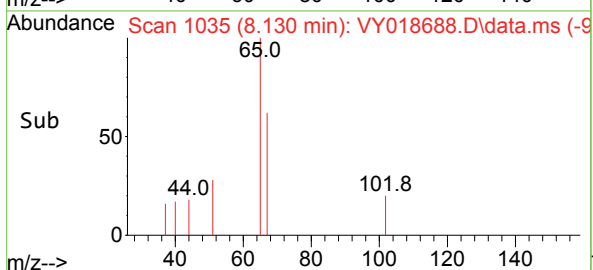
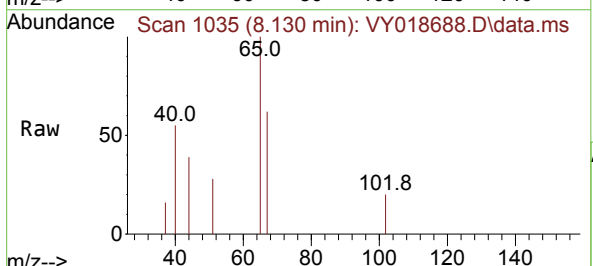
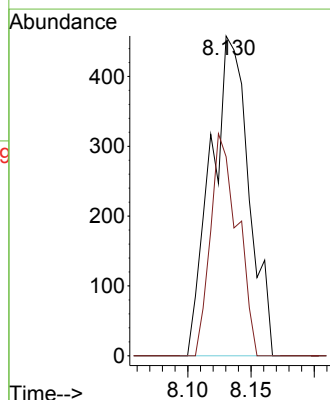
Acq: 25 Jun 2024 15:06

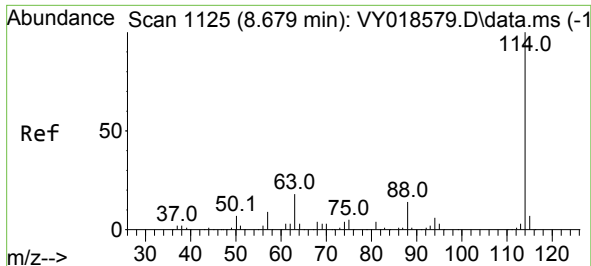
Tgt Ion: 65 Resp: 952

Ion Ratio Lower Upper

65 100

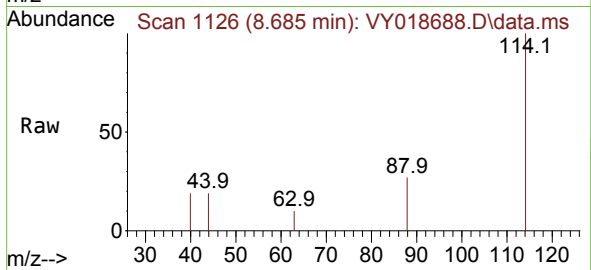
67 49.8 0.0 109.6



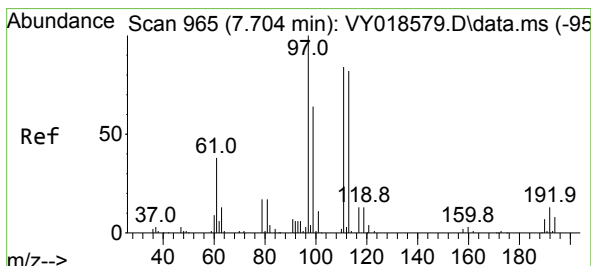
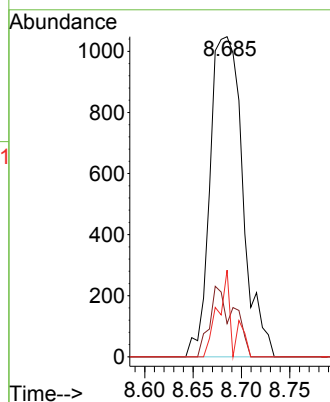
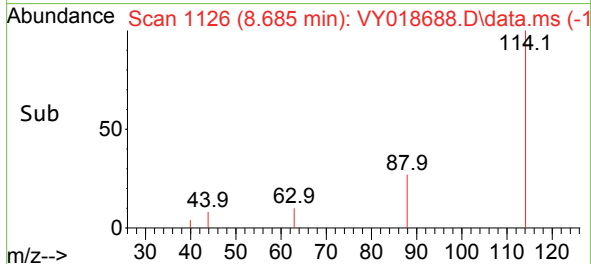


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1125
Delta R.T. 0.006 min
Lab File: VY018688.D
Acq: 25 Jun 2024 15:06

Instrument :
MSVOA_Y
ClientSampleId :

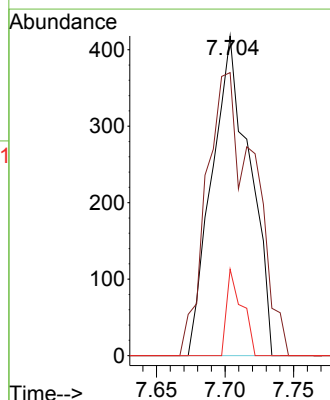
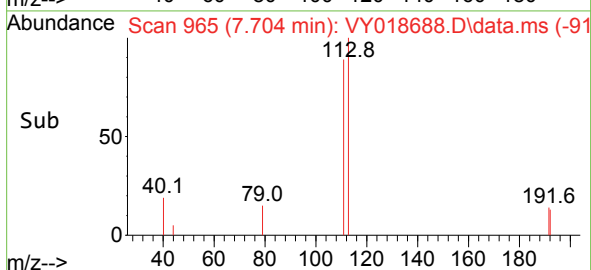
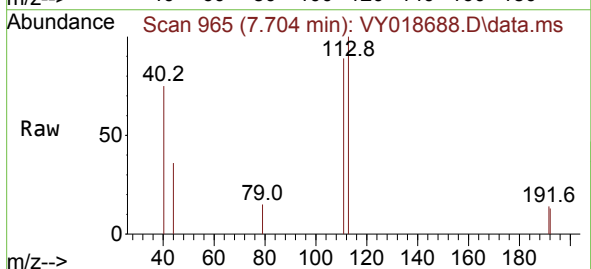


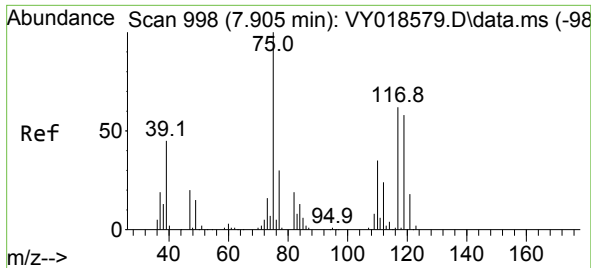
Tgt Ion:114 Resp: 2457
Ion Ratio Lower Upper
114 100
63 10.4 0.0 35.0
88 27.1 0.0 27.2



#35
Dibromofluoromethane
Concen: 53.376 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY018688.D
Acq: 25 Jun 2024 15:06

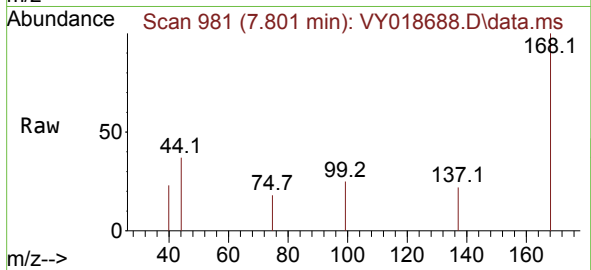
Tgt Ion:113 Resp: 800
Ion Ratio Lower Upper
113 100
111 111.3 82.2 123.4
192 11.1 15.9 23.9#



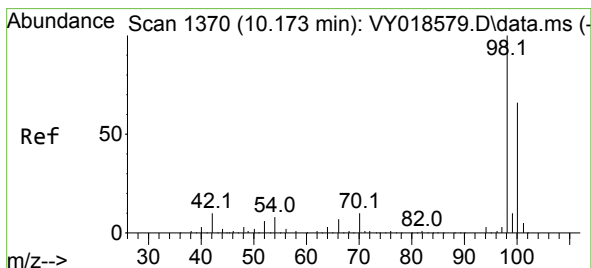
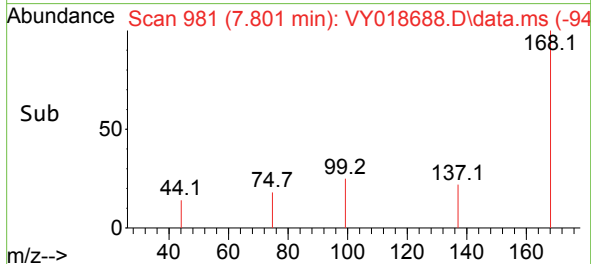
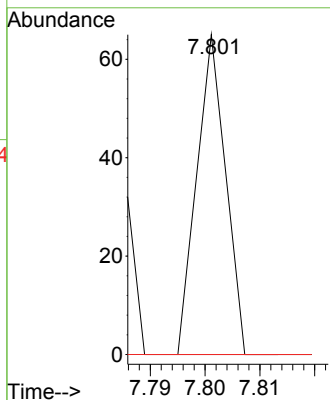


#36
1,1-Dichloropropene
Concen: 1.163 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY018688.D
Acq: 25 Jun 2024 15:06

Instrument :
MSVOA_Y
ClientSampleId :

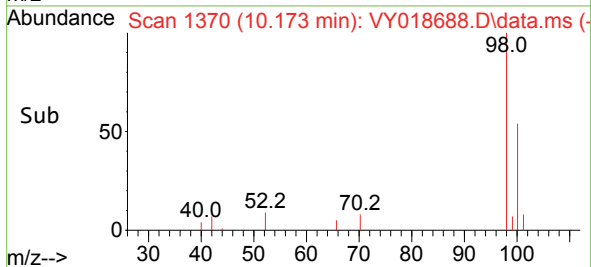
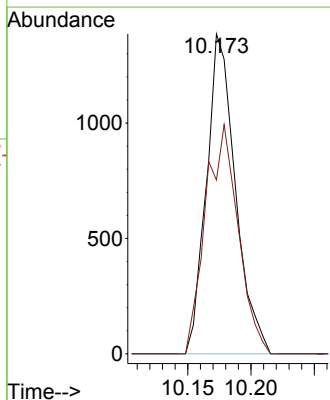
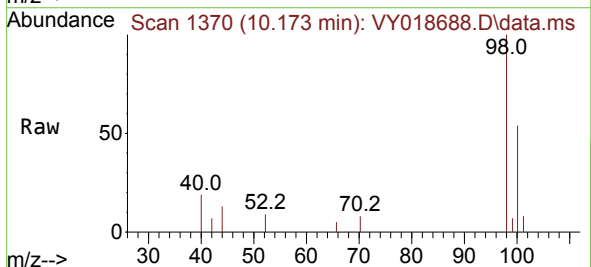


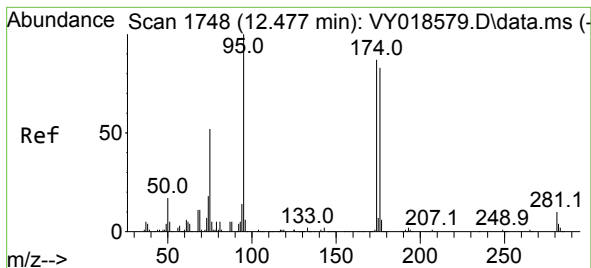
Tgt Ion: 75 Resp: 24
Ion Ratio Lower Upper
75 100
110 0.0 19.0 57.0#
77 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 38.342 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018688.D
Acq: 25 Jun 2024 15:06

Tgt Ion: 98 Resp: 2210
Ion Ratio Lower Upper
98 100
100 80.7 52.0 78.0#

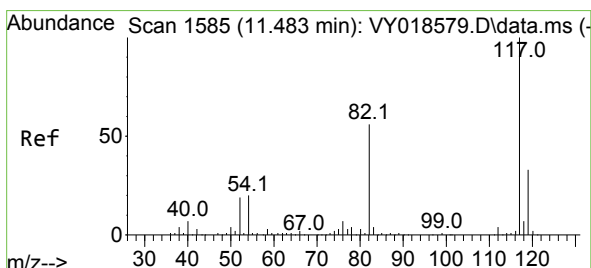
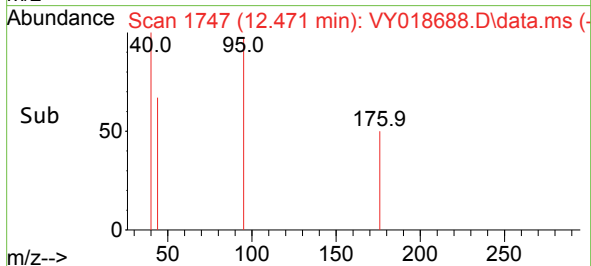
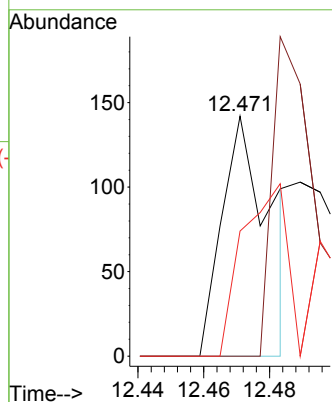
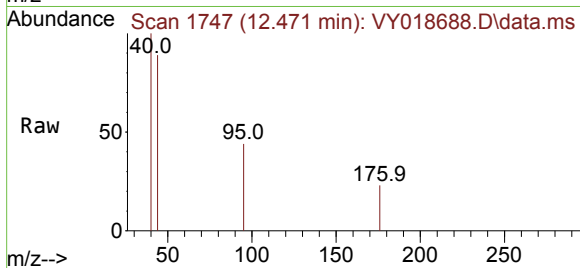




#62
4-Bromofluorobenzene
Concen: 7.912 ug/l
RT: 12.471 min Scan# 1747
Delta R.T. -0.006 min
Lab File: VY018688.D
Acq: 25 Jun 2024 15:06

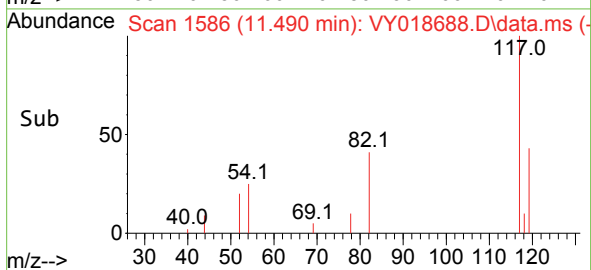
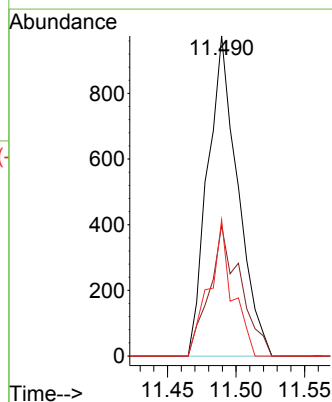
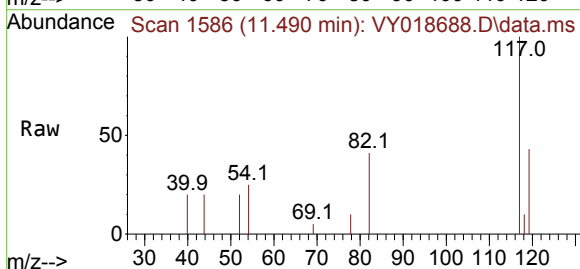
Instrument :
MSVOA_Y
ClientSampleId :

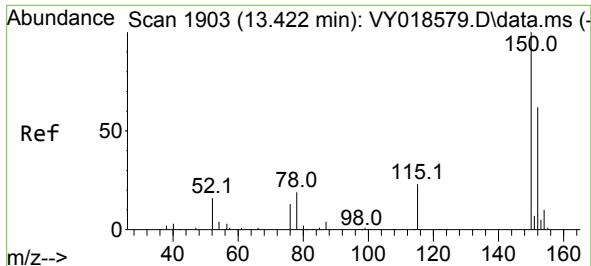
Tgt Ion: 95 Resp: 144
Ion Ratio Lower Upper
95 100
174 119.4 0.0 175.6
176 66.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.006 min
Lab File: VY018688.D
Acq: 25 Jun 2024 15:06

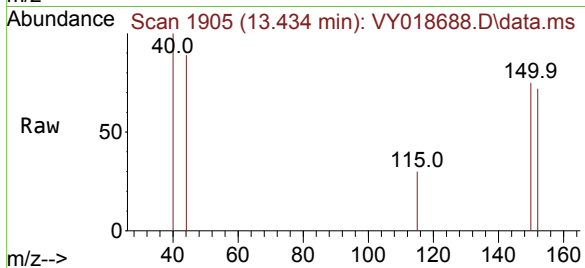
Tgt Ion: 117 Resp: 1487
Ion Ratio Lower Upper
117 100
82 40.8 42.4 63.6#
119 42.6 25.9 38.9#



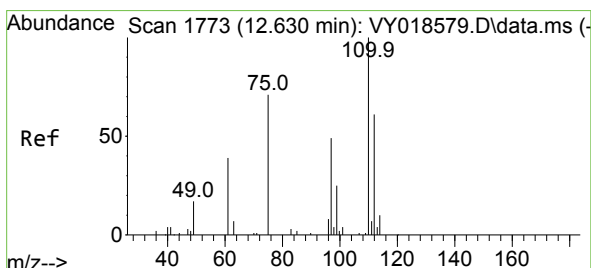
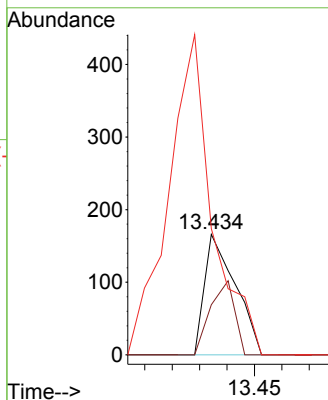
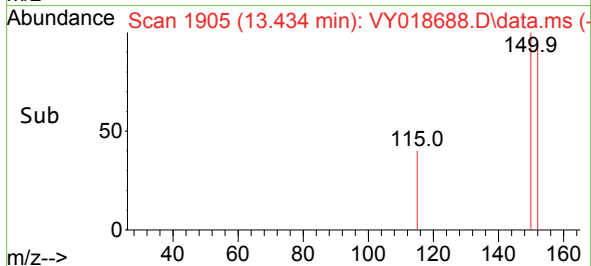


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.012 min
 Lab File: VY018688.D
 Acq: 25 Jun 2024 15:06

Instrument :
 MSVOA_Y
 ClientSampleId :

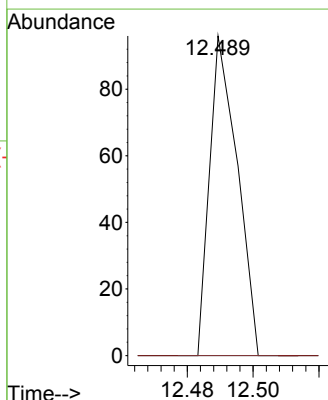
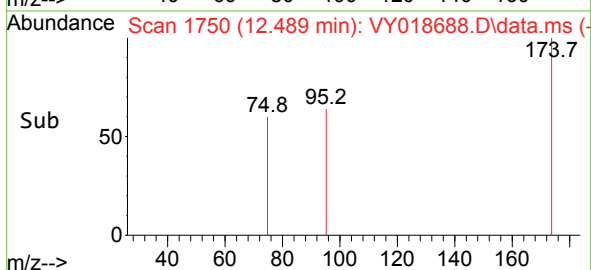
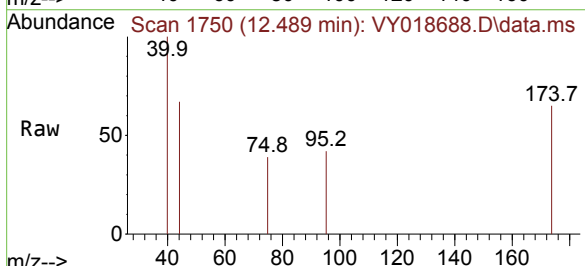


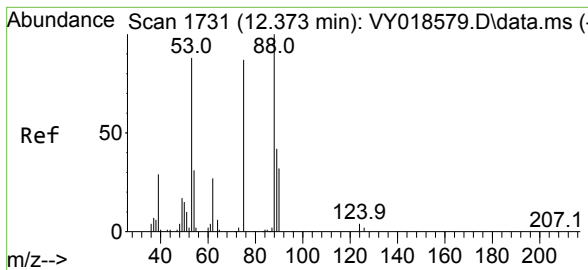
Tgt Ion:152 Resp: 129
 Ion Ratio Lower Upper
 152 100
 115 48.8 28.2 84.7
 150 379.8 0.0 345.6#



#76
 1,2,3-Trichloropropane
 Concen: 46.278 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.140 min
 Lab File: VY018688.D
 Acq: 25 Jun 2024 15:06

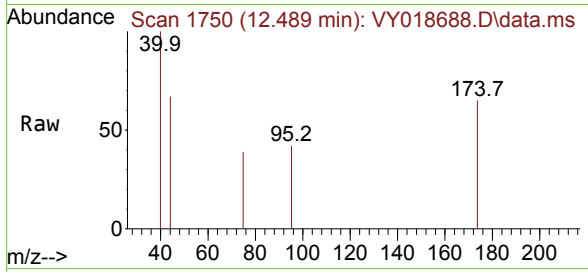
Tgt Ion: 75 Resp: 56
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 121.220 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.116 min
 Lab File: VY018688.D
 Acq: 25 Jun 2024 15:06

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	56
Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.0	35.8	53.6#

