

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062524\
 Data File : VY018689.D
 Acq On : 25 Jun 2024 15:31
 Operator : SY/MD
 Sample : P3021-10
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 26 02:37:50 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)

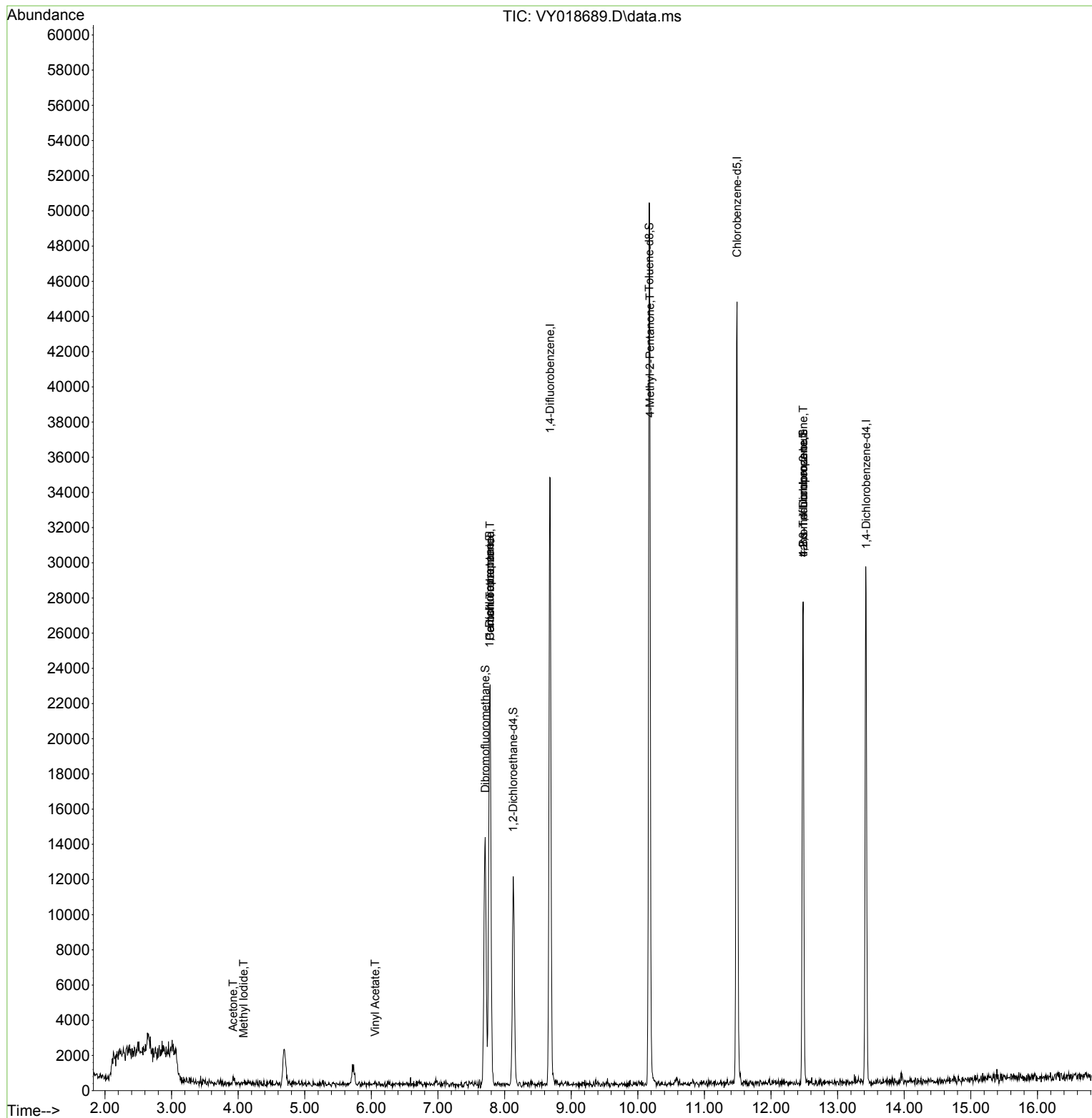
Internal Standards						
1) Pentafluorobenzene	7.783	168	19328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	31849	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	25652	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	8163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	8705	44.734	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.460%
35) Dibromofluoromethane	7.710	113	10167	52.330	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.660%
50) Toluene-d8	10.173	98	34485	46.155	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.320%
62) 4-Bromofluorobenzene	12.483	95	8470	35.901	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	71.800%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.082	142	131	1.279	ug/l #	61
16) Acetone	3.924	43	438	11.063	ug/l #	36
20) Methylene Chloride	4.692	84	1863	Below Cal	#	78
23) Vinyl Acetate	6.058	43	75	23.815	ug/l #	67
36) 1,1-Dichloropropene	7.777	75	1410	5.272	ug/l #	40
38) Carbon Tetrachloride	7.783	117	1847	6.583	ug/l #	13
51) 4-Methyl-2-Pentanone	10.185	43	129	1.041	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	4461	58.259	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	4461	152.601	ug/l #	16

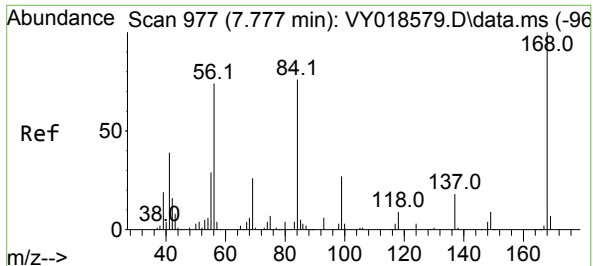
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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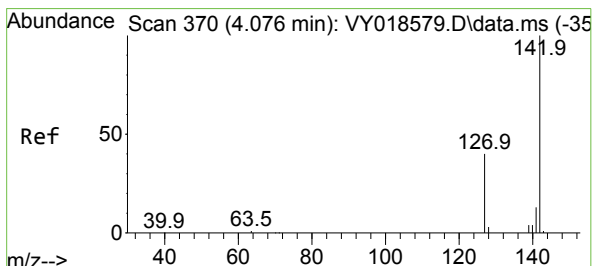
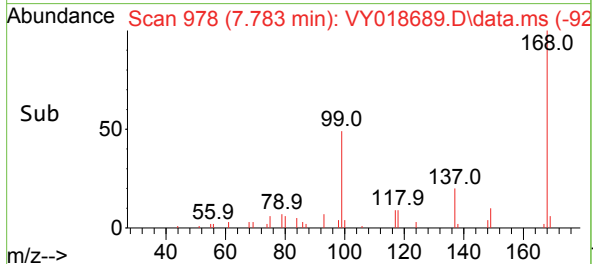
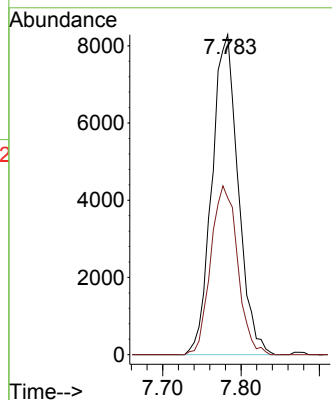
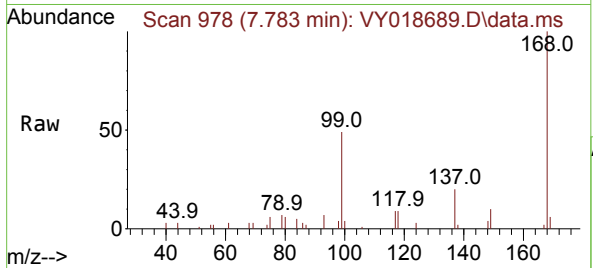




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018689.D
Acq: 25 Jun 2024 15:31

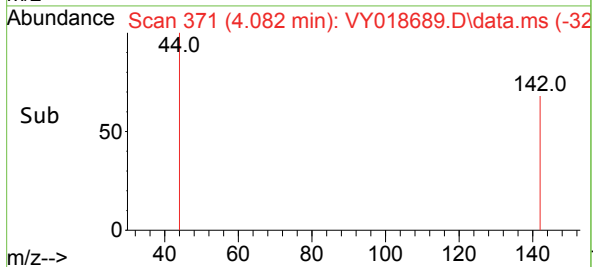
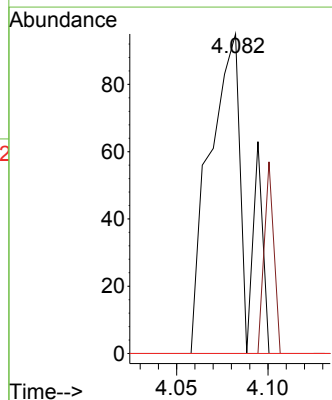
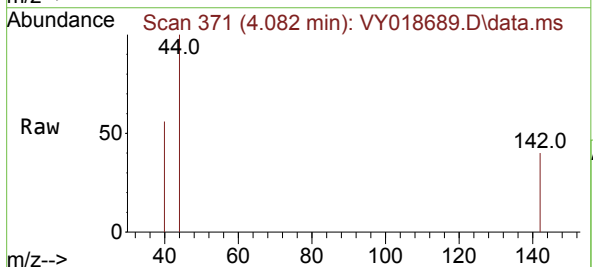
Instrument :
MSVOA_Y
ClientSampleId :

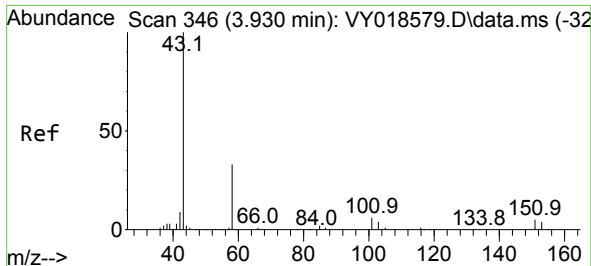
Tgt Ion:168 Resp: 19328
Ion Ratio Lower Upper
168 100
99 49.0 39.1 58.7



#10
Methyl Iodide
Concen: 1.279 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.006 min
Lab File: VY018689.D
Acq: 25 Jun 2024 15:31

Tgt Ion:142 Resp: 131
Ion Ratio Lower Upper
142 100
127 16.0 32.8 49.2#
141 0.0 11.4 17.2#

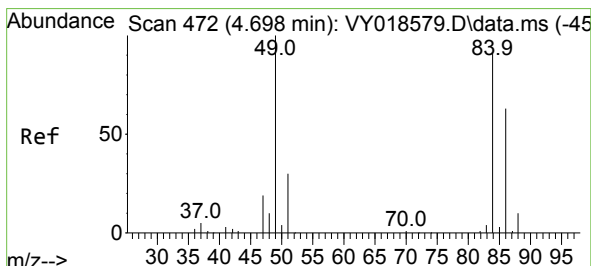
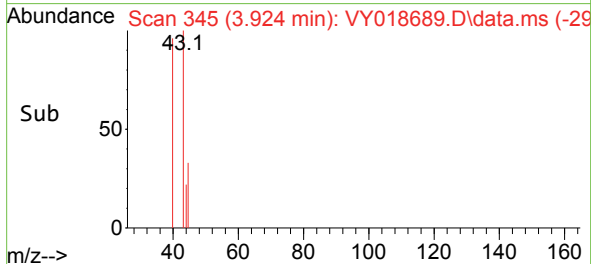
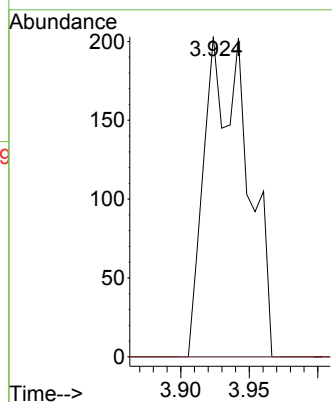
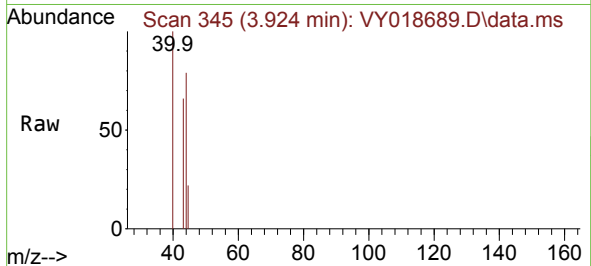




#16
Acetone
Concen: 11.063 ug/l
RT: 3.924 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY018689.D
Acq: 25 Jun 2024 15:31

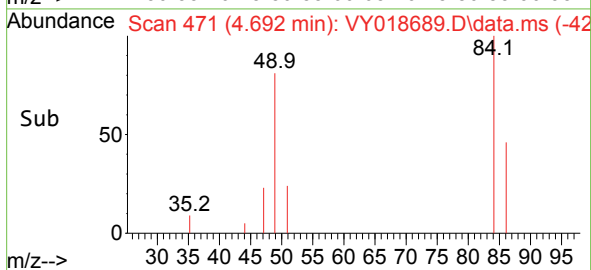
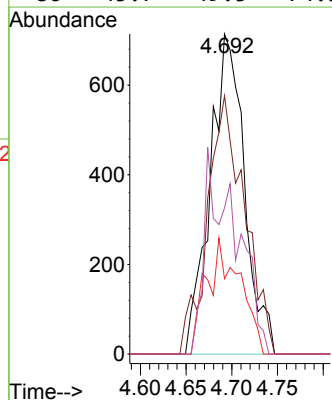
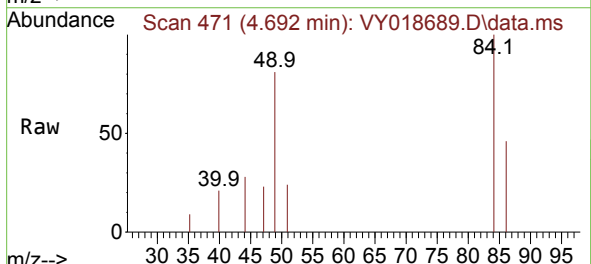
Instrument :
MSVOA_Y
ClientSampleId :

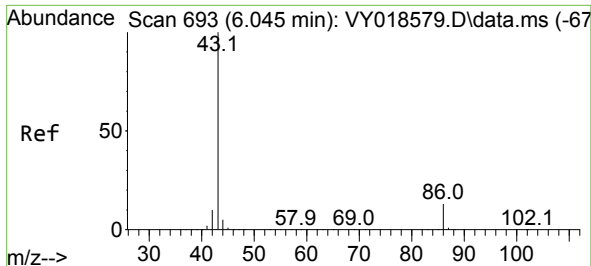
Tgt Ion: 43 Resp: 438
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.692 min Scan# 471
Delta R.T. -0.006 min
Lab File: VY018689.D
Acq: 25 Jun 2024 15:31

Tgt Ion: 84 Resp: 1863
Ion Ratio Lower Upper
84 100
49 80.7 84.4 126.6#
51 23.5 26.0 39.0#
86 45.7 49.5 74.3#

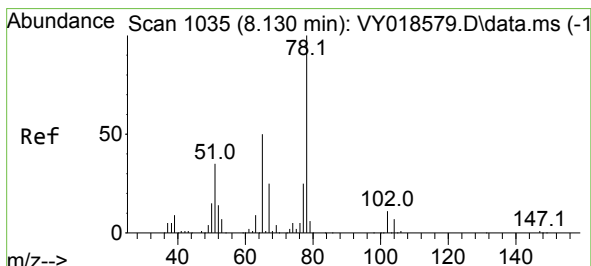
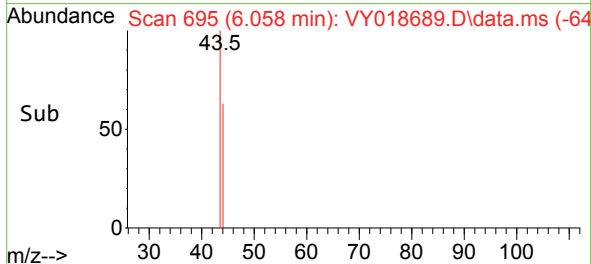
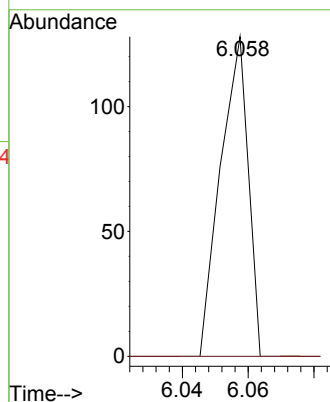
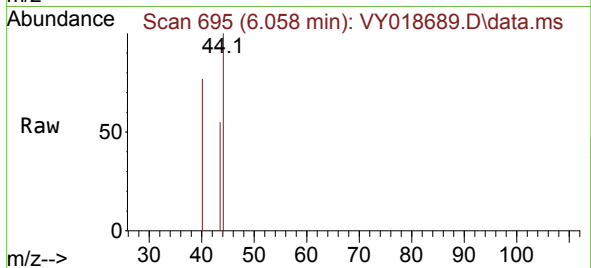




#23
 Vinyl Acetate
 Concen: 23.815 ug/l
 RT: 6.058 min Scan# 693
 Delta R.T. 0.013 min
 Lab File: VY018689.D
 Acq: 25 Jun 2024 15:31

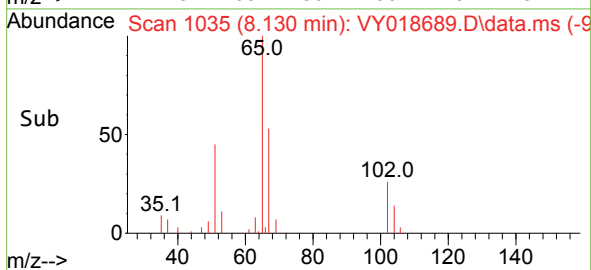
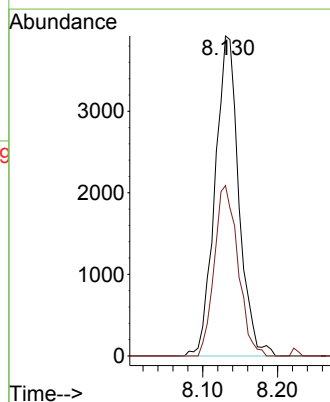
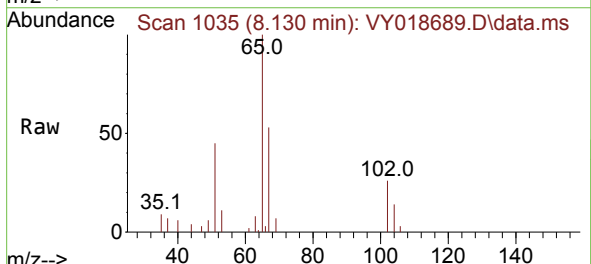
Instrument :
 MSVOA_Y
 ClientSampleId :

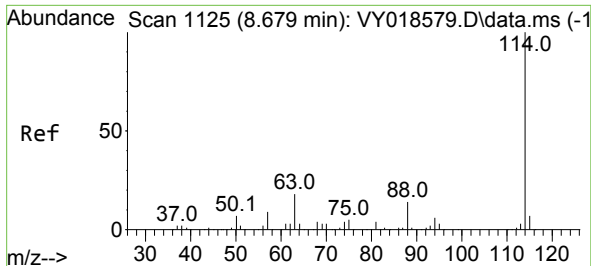
Tgt Ion: 43 Resp: 75
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.6 16.0#



#33
 1,2-Dichloroethane-d4
 Concen: 44.734 ug/l
 RT: 8.130 min Scan# 1035
 Delta R.T. 0.000 min
 Lab File: VY018689.D
 Acq: 25 Jun 2024 15:31

Tgt Ion: 65 Resp: 8705
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY018689.D

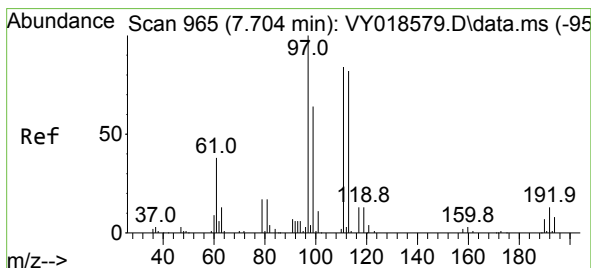
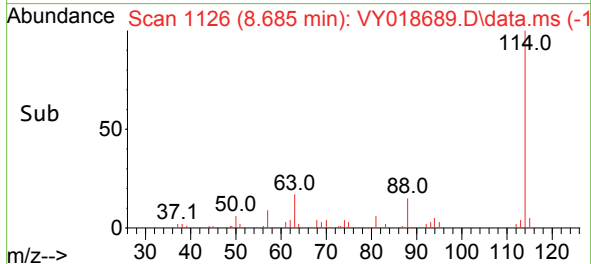
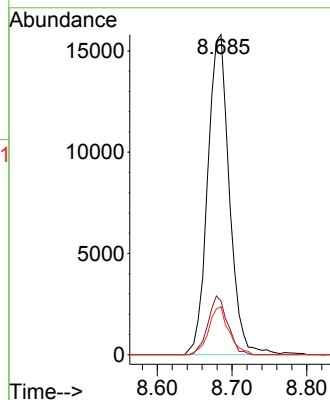
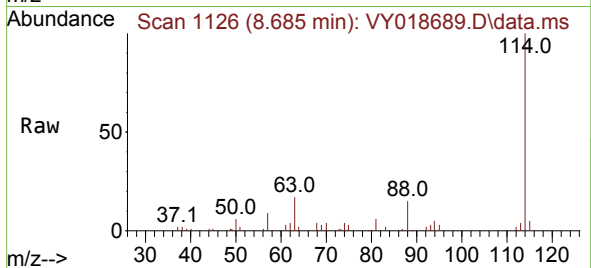
Acq: 25 Jun 2024 15:31

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	31849
Ion	Ratio	Lower Upper
114	100	
63	16.8	0.0 35.0
88	15.0	0.0 27.2



#35

Dibromofluoromethane

Concen: 52.330 ug/l

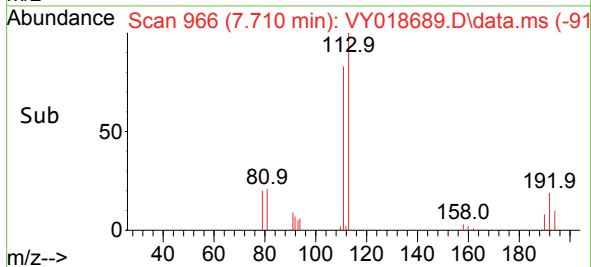
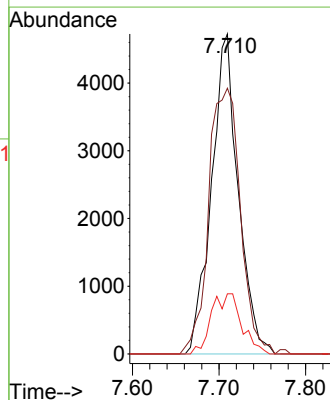
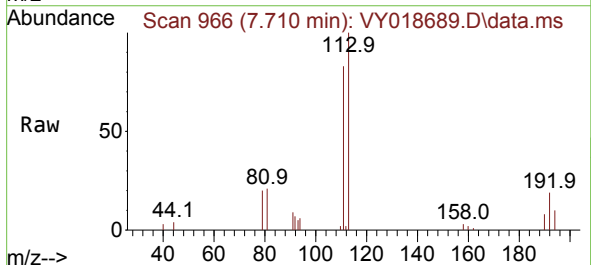
RT: 7.710 min Scan# 966

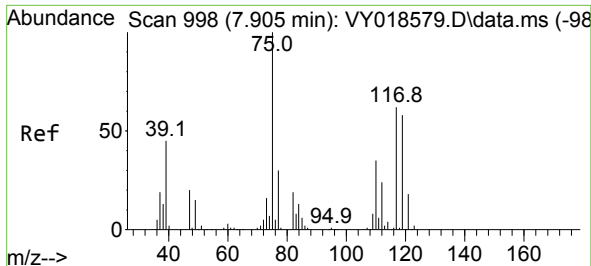
Delta R.T. 0.006 min

Lab File: VY018689.D

Acq: 25 Jun 2024 15:31

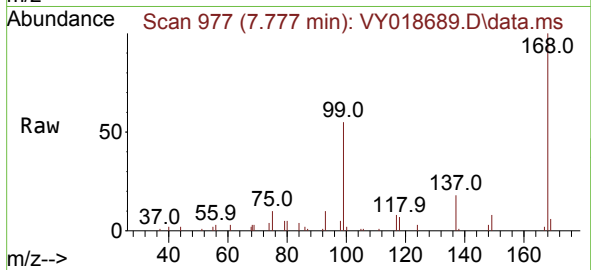
Tgt Ion:113	Resp:	10167
Ion	Ratio	Lower Upper
113	100	
111	98.4	82.2 123.4
192	21.3	15.9 23.9



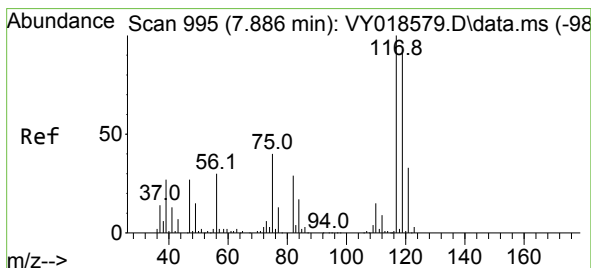
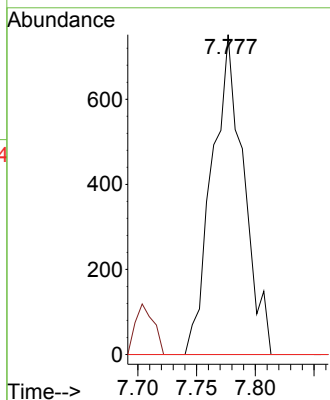
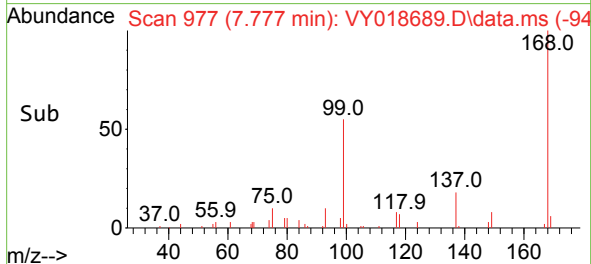


#36
 1,1-Dichloropropene
 Concen: 5.272 ug/l
 RT: 7.777 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY018689.D
 Acq: 25 Jun 2024 15:31

Instrument :
 MSVOA_Y
 ClientSampleId :

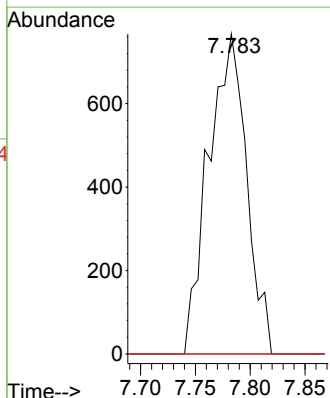
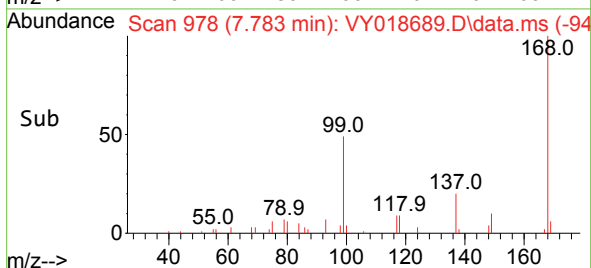
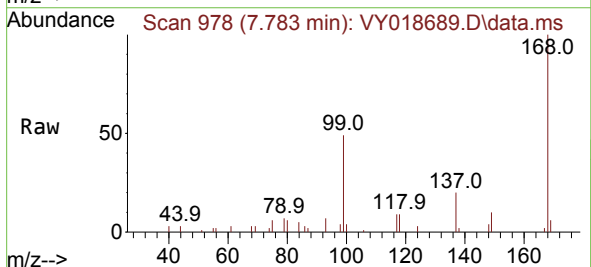


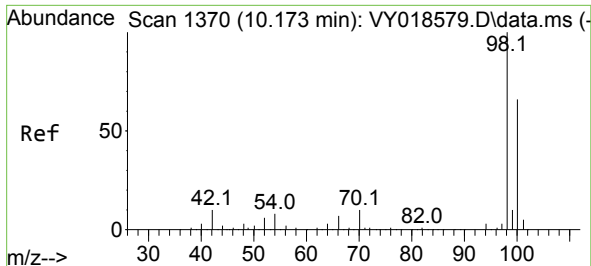
Tgt Ion: 75 Resp: 1410
 Ion Ratio Lower Upper
 75 100
 110 0.0 19.0 57.0#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 6.583 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.104 min
 Lab File: VY018689.D
 Acq: 25 Jun 2024 15:31

Tgt Ion: 117 Resp: 1847
 Ion Ratio Lower Upper
 117 100
 119 0.0 75.8 113.6#
 121 0.0 24.0 36.0#

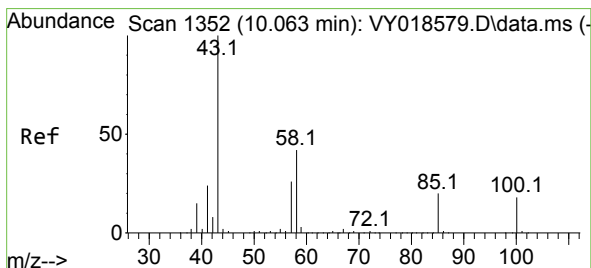
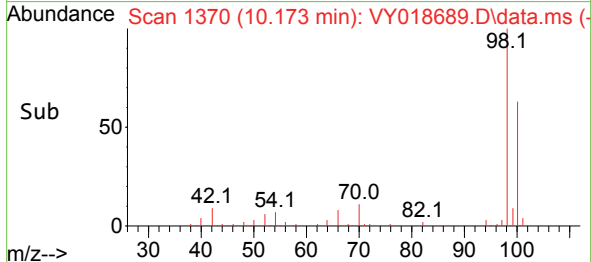
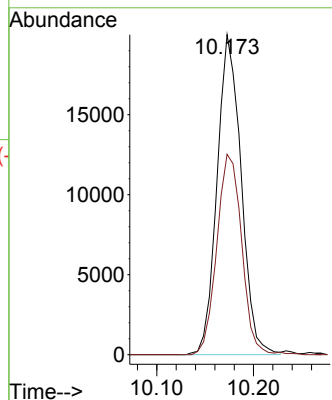
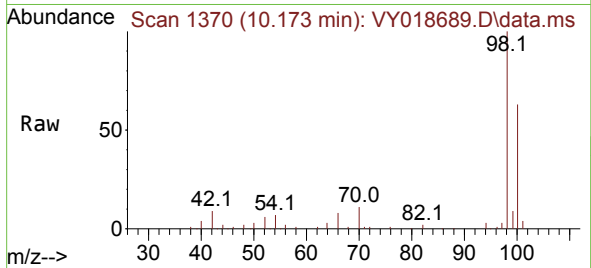




#50
Toluene-d8
Concen: 46.155 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018689.D
Acq: 25 Jun 2024 15:31

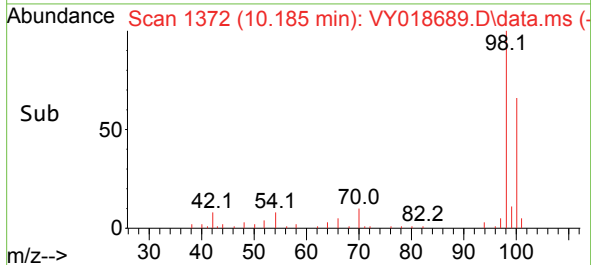
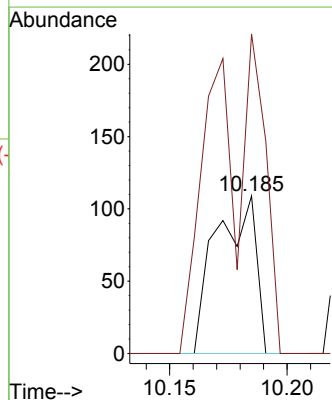
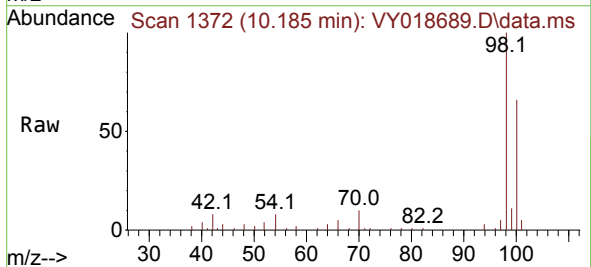
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MSVOA_Y
ClientSampleId :

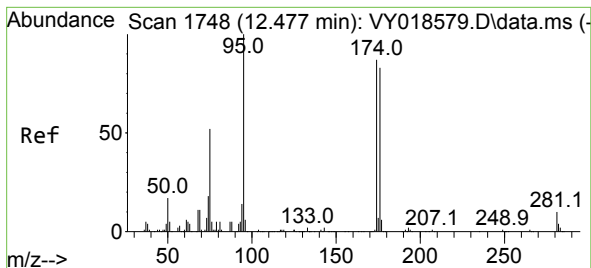
Tgt Ion: 98 Resp: 34485
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.041 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.122 min
Lab File: VY018689.D
Acq: 25 Jun 2024 15:31

Tgt Ion: 43 Resp: 129
Ion Ratio Lower Upper
43 100
58 147.3 35.7 53.5#

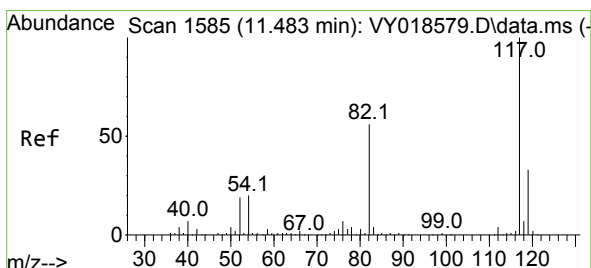
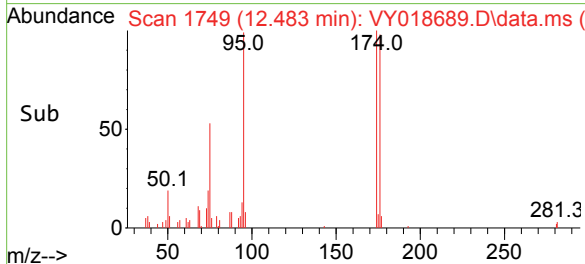
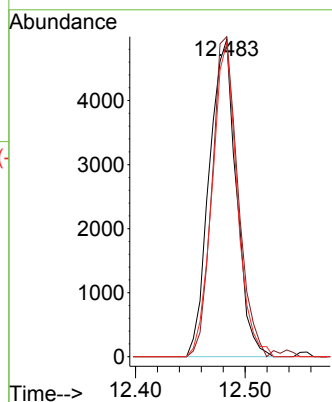
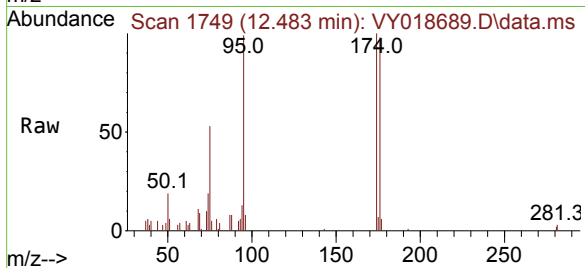




#62
4-Bromofluorobenzene
Concen: 35.901 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY018689.D
Acq: 25 Jun 2024 15:31

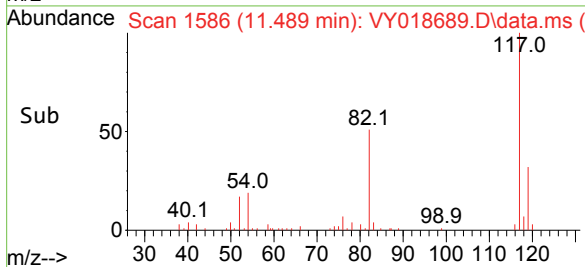
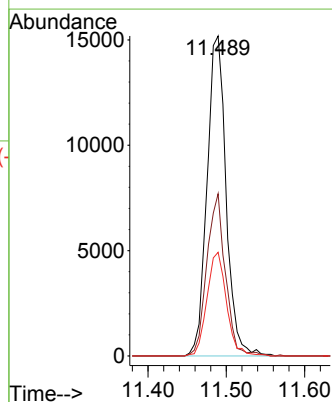
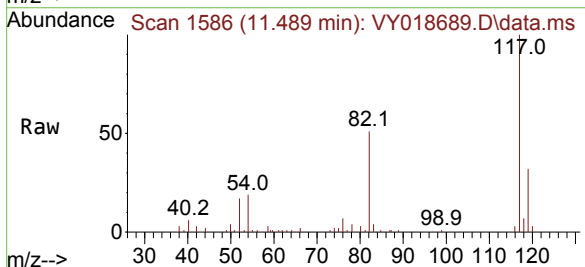
Instrument :
MSVOA_Y
ClientSampleId :

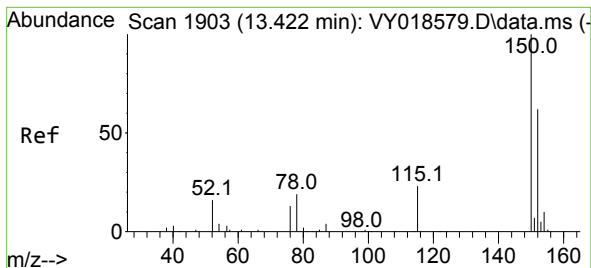
Tgt Ion: 95 Resp: 8470
Ion Ratio Lower Upper
95 100
174 97.3 0.0 175.6
176 91.9 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.006 min
Lab File: VY018689.D
Acq: 25 Jun 2024 15:31

Tgt Ion: 117 Resp: 25652
Ion Ratio Lower Upper
117 100
82 50.7 42.4 63.6
119 32.4 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

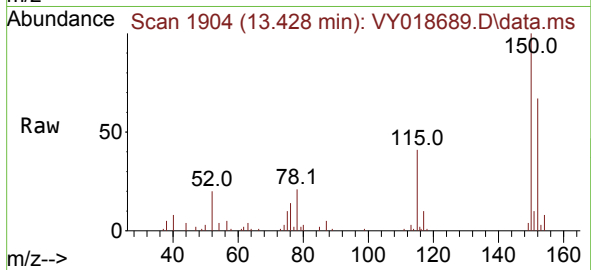
Lab File: VY018689.D

Acq: 25 Jun 2024 15:31

Instrument :

MSVOA_Y

ClientSampleId :



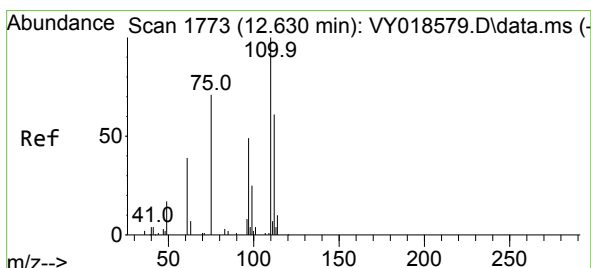
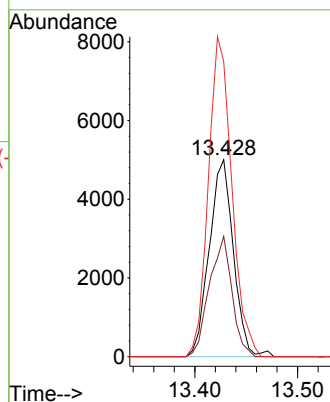
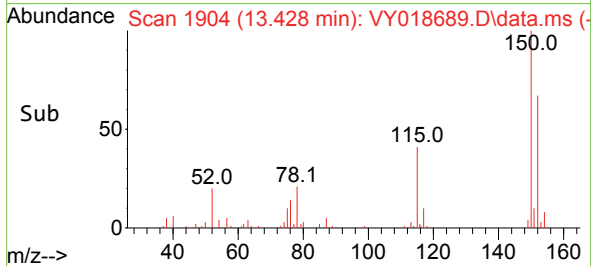
Tgt Ion:152 Resp: 8163

Ion Ratio Lower Upper

152 100

115 57.2 28.2 84.7

150 157.8 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 58.259 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY018689.D

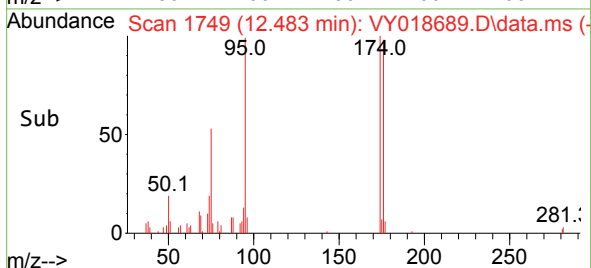
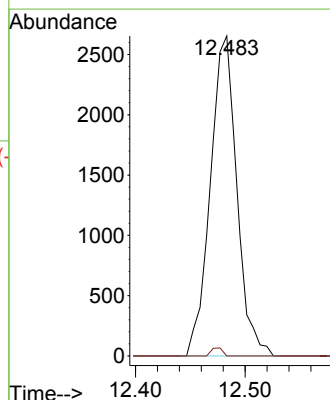
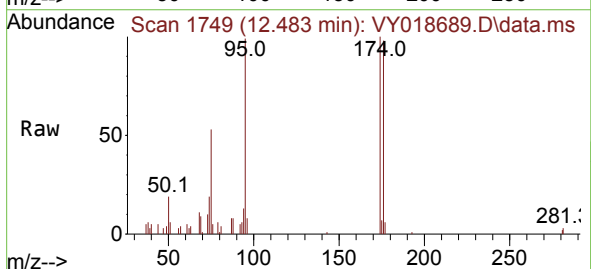
Acq: 25 Jun 2024 15:31

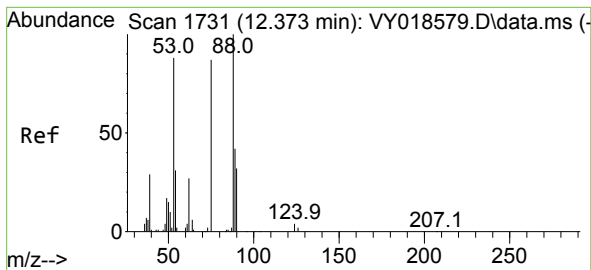
Tgt Ion: 75 Resp: 4461

Ion Ratio Lower Upper

75 100

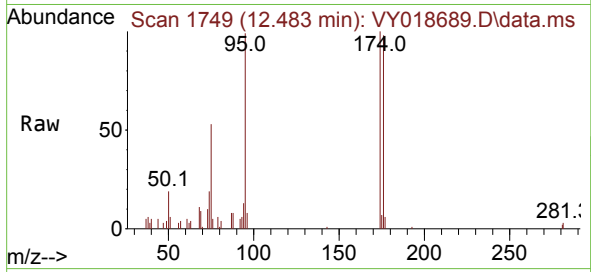
77 1.1 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 152.601 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY018689.D
Acq: 25 Jun 2024 15:31

Instrument :
MSVOA_Y
ClientSampleId :



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

