

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031524\
 Data File : VY017681.D
 Acq On : 15 Mar 2024 18:32
 Operator : SY/MD
 Sample : P1744-02RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT-3488

Quant Time: Mar 16 00:20:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

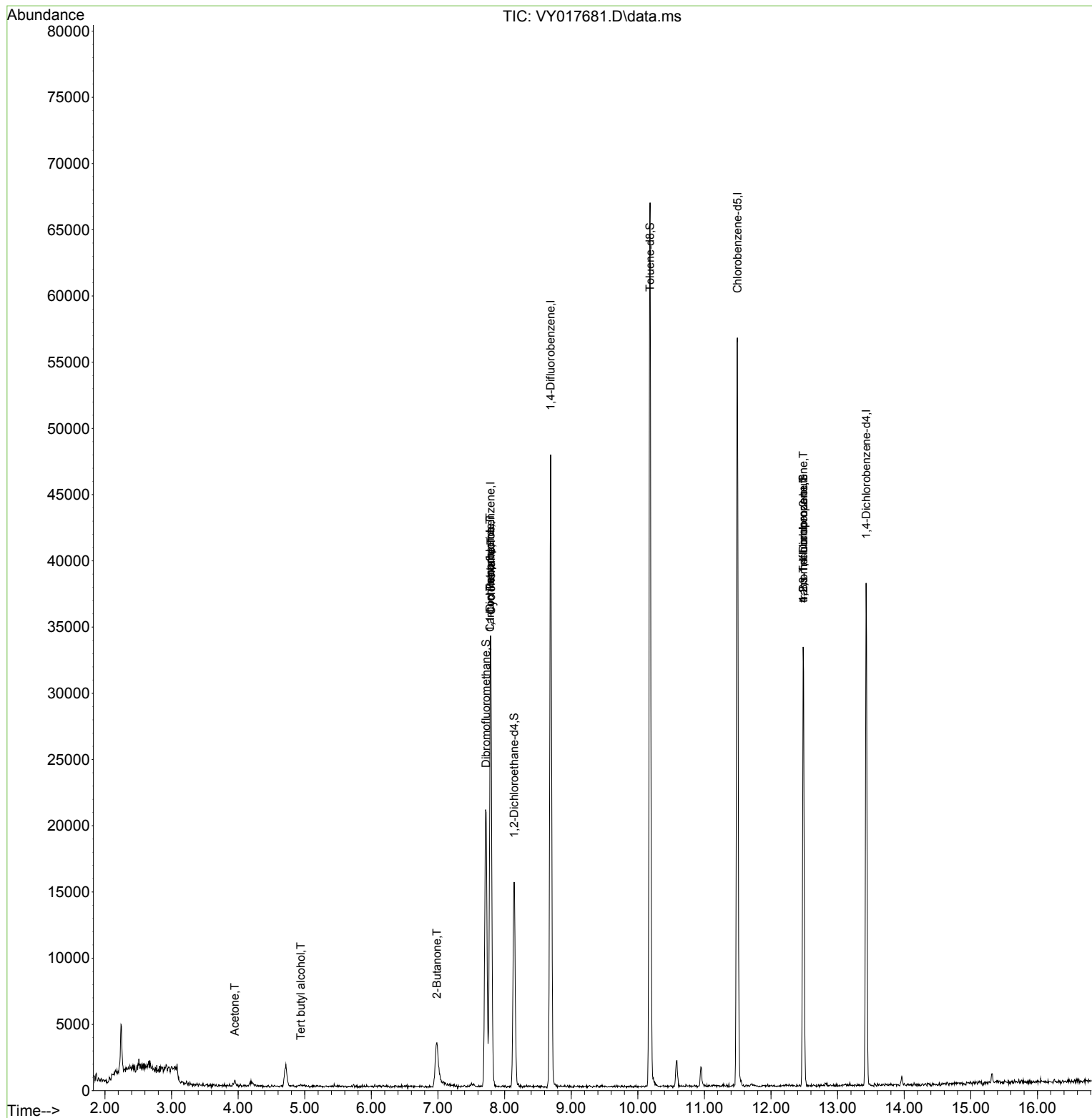
Internal Standards						
1) Pentafluorobenzene	7.789	168	28820	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	43965	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	35998	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	10942	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	12203	44.677	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.360%
35) Dibromofluoromethane	7.722	113	15725	51.328	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.660%
50) Toluene-d8	10.185	98	48023	44.833	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.660%
62) 4-Bromofluorobenzene	12.483	95	10444	31.025	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	62.040%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	153	6.594	ug/l #	88
16) Acetone	3.948	43	647	12.213	ug/l #	76
20) Methylene Chloride	4.710	84	1253	Below Cal	#	83
25) 2-Butanone	6.984	43	103	1.364	ug/l #	41
31) Cyclohexane	7.795	56	484	1.089	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	2074	5.018	ug/l #	49
38) Carbon Tetrachloride	7.783	117	2628	6.344	ug/l #	13
76) 1,2,3-Trichloropropane	12.483	75	4918	47.304	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	4918	108.694	ug/l #	16

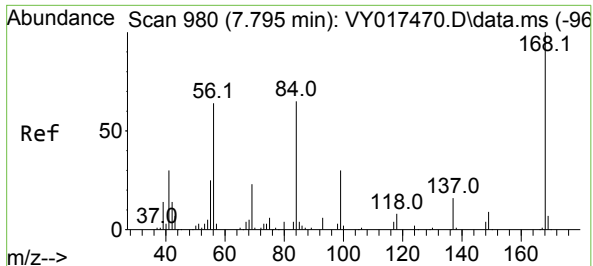
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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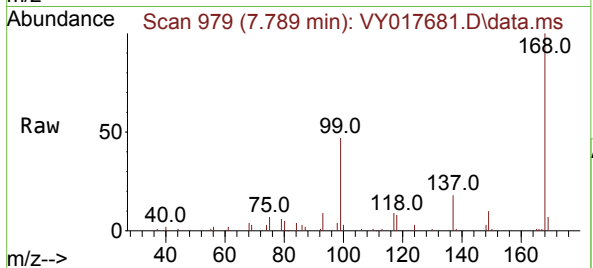
Quant Time: Mar 16 00:20:12 2024
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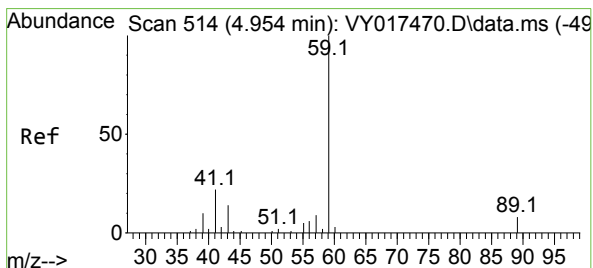
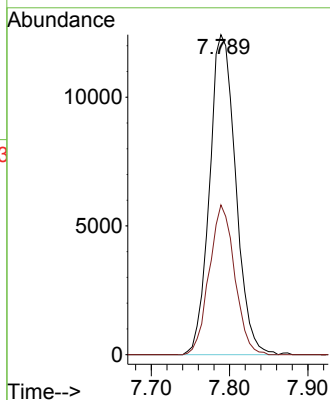
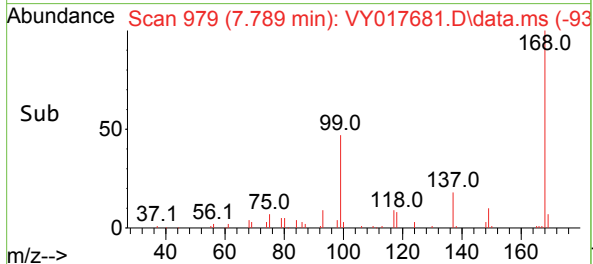


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017681.D
Acq: 15 Mar 2024 18:32

Instrument :
MSVOA_Y
ClientSampleId :
RT-3488

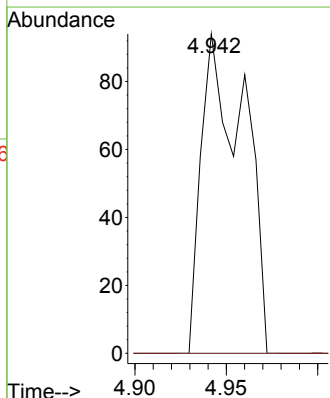
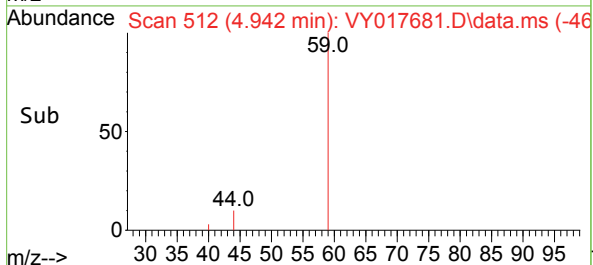
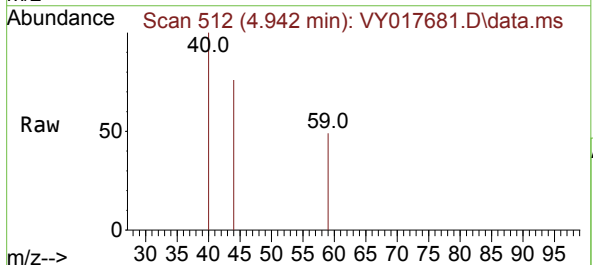


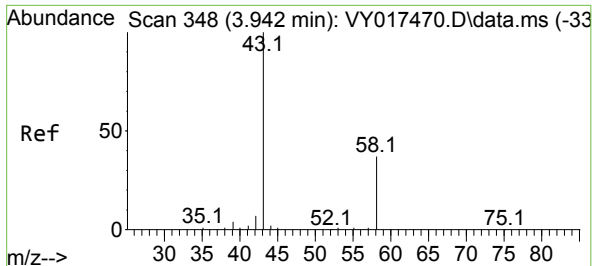
Tgt Ion:168 Resp: 28820
Ion Ratio Lower Upper
168 100
99 46.8 39.1 58.7



#11
Tert butyl alcohol
Concen: 6.594 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY017681.D
Acq: 15 Mar 2024 18:32

Tgt Ion: 59 Resp: 153
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 12.213 ug/l

RT: 3.948 min Scan# 348

Delta R.T. 0.006 min

Lab File: VY017681.D

Acq: 15 Mar 2024 18:32

Instrument :

MSVOA_Y

ClientSampleId :

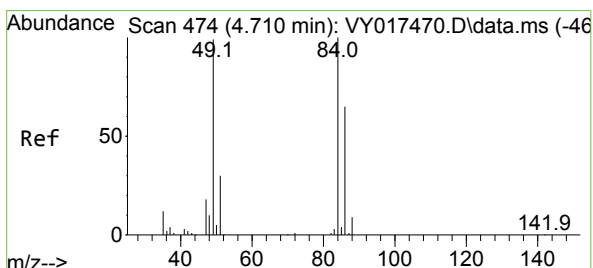
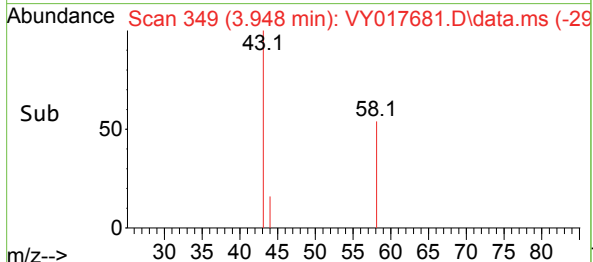
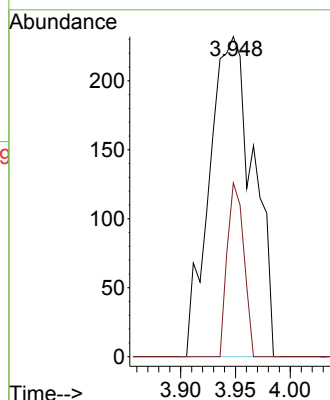
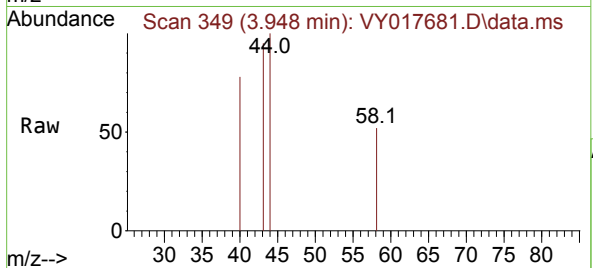
RT-3488

Tgt Ion: 43 Resp: 647

Ion Ratio Lower Upper

43 100

58 54.3 31.7 47.5#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY017681.D

Acq: 15 Mar 2024 18:32

Tgt Ion: 84 Resp: 1253

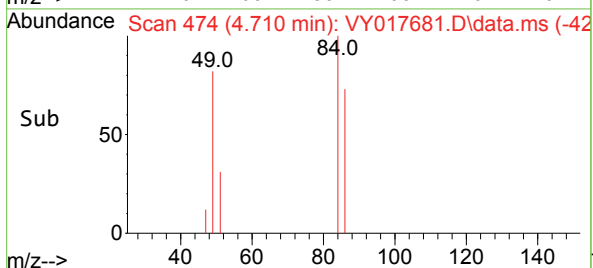
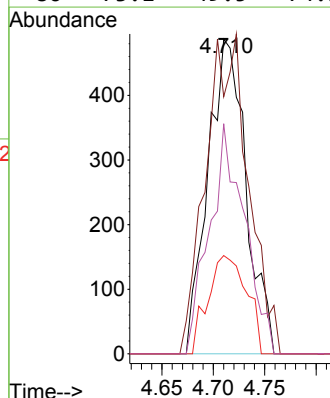
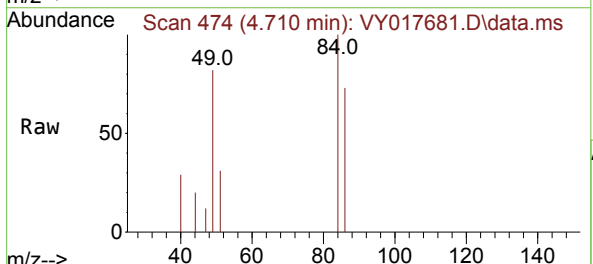
Ion Ratio Lower Upper

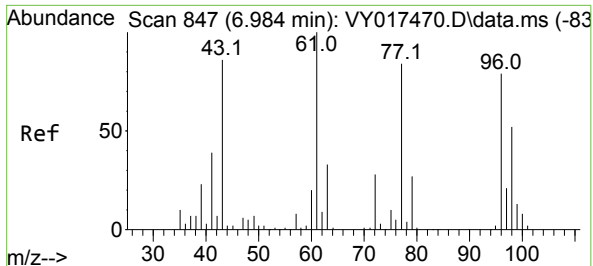
84 100

49 81.7 84.4 126.6#

51 31.2 26.0 39.0

86 73.1 49.5 74.3

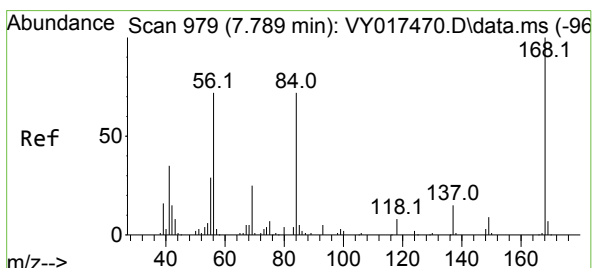
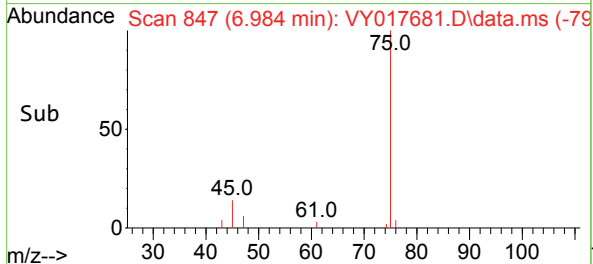
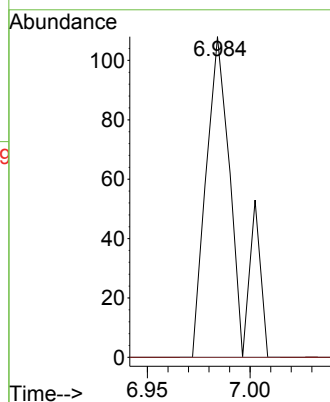
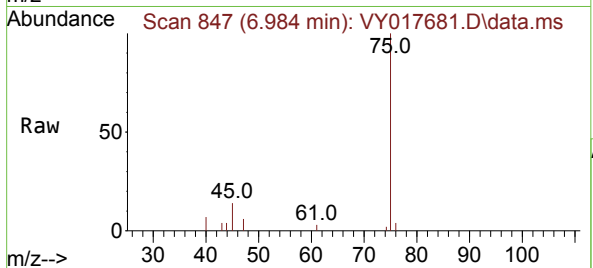




#25
2-Butanone
Concen: 1.364 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY017681.D
Acq: 15 Mar 2024 18:32

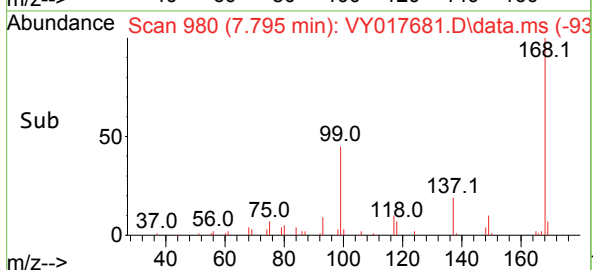
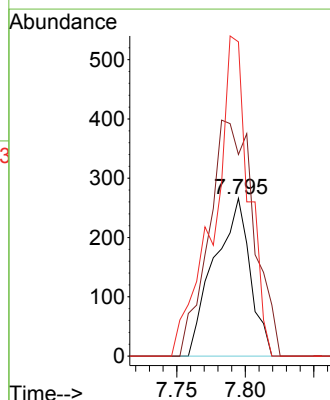
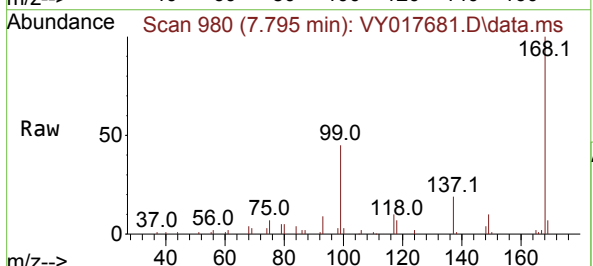
Instrument :
MSVOA_Y
ClientSampleId :
RT-3488

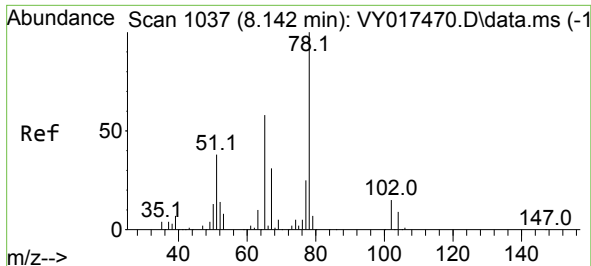
Tgt Ion: 43 Resp: 103
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.089 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY017681.D
Acq: 15 Mar 2024 18:32

Tgt Ion: 56 Resp: 484
Ion Ratio Lower Upper
56 100
69 127.8 28.7 43.1#
84 199.2 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 44.677 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY017681.D

Acq: 15 Mar 2024 18:32

Instrument :

MSVOA_Y

ClientSampleId :

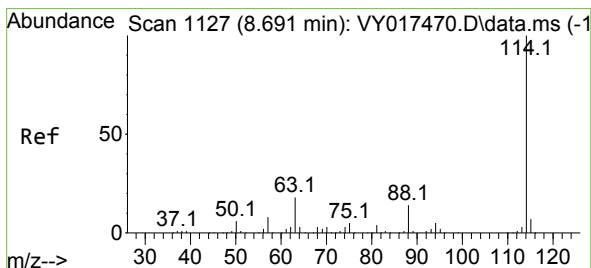
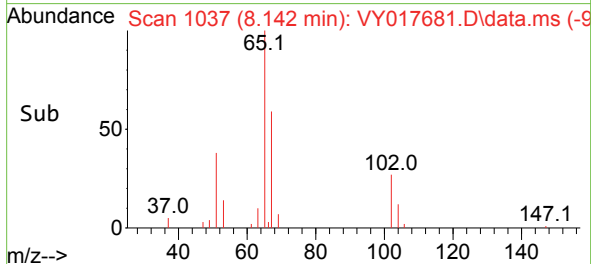
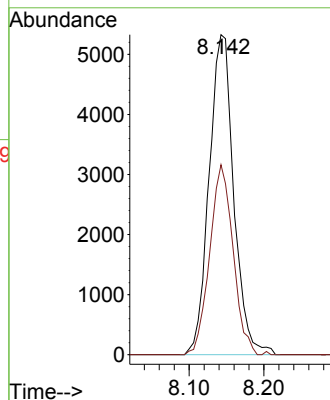
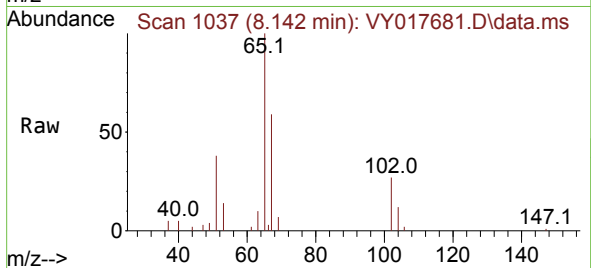
RT-3488

Tgt Ion: 65 Resp: 12203

Ion Ratio Lower Upper

65 100

67 56.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017681.D

Acq: 15 Mar 2024 18:32

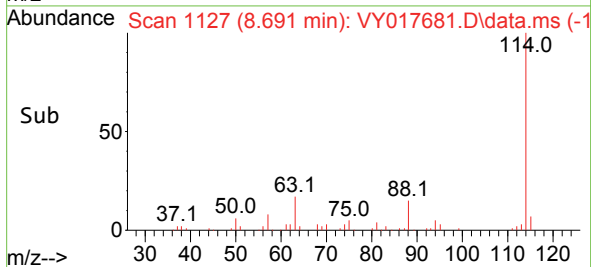
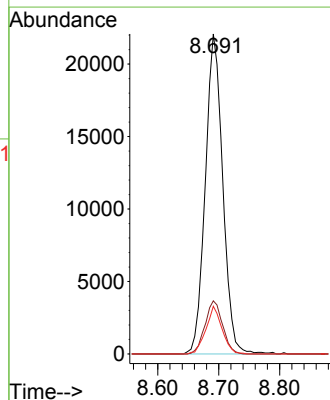
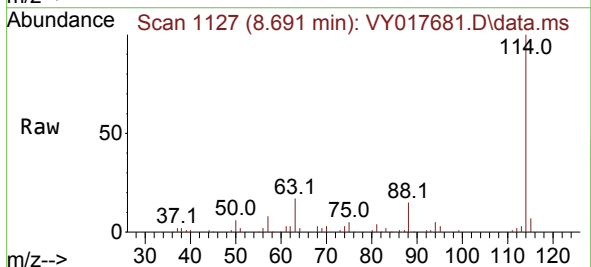
Tgt Ion: 114 Resp: 43965

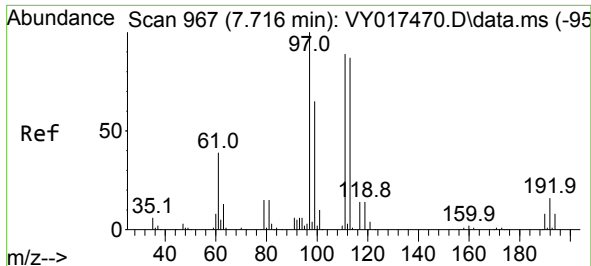
Ion Ratio Lower Upper

114 100

63 16.6 0.0 35.0

88 14.9 0.0 27.2

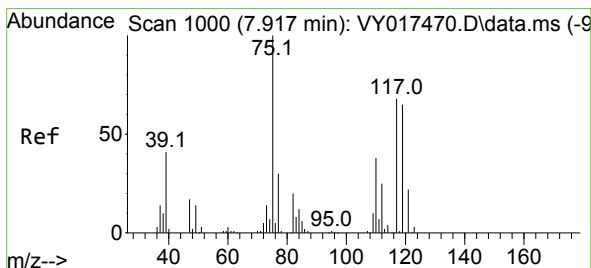
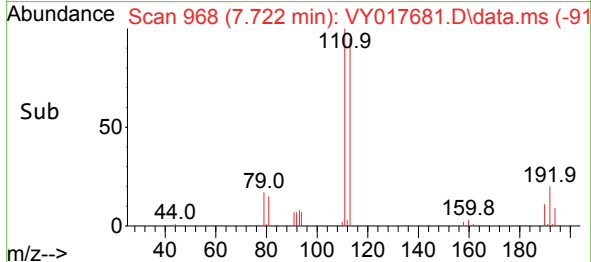
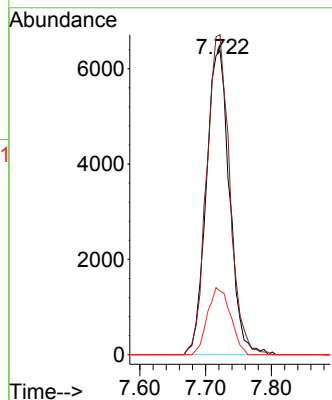
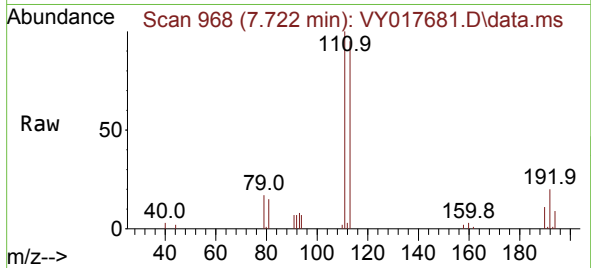




#35
Dibromofluoromethane
Concen: 51.328 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017681.D
Acq: 15 Mar 2024 18:32

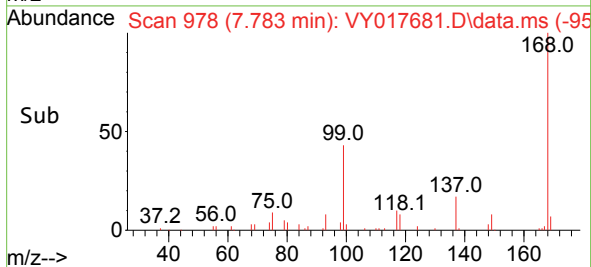
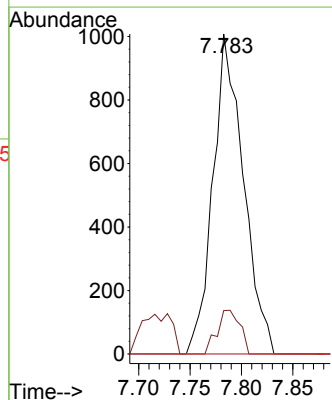
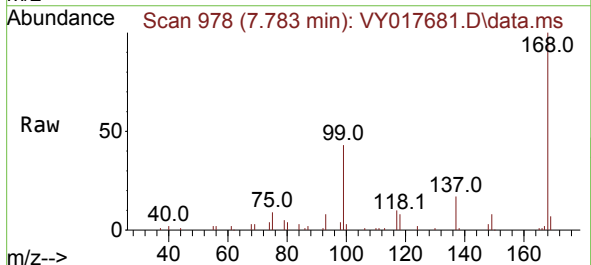
Instrument :
MSVOA_Y
ClientSampleId :
RT-3488

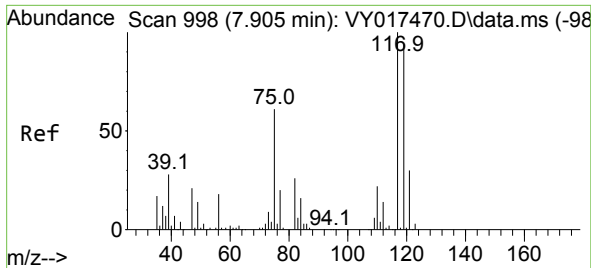
Tgt Ion:113 Resp: 15725
Ion Ratio Lower Upper
113 100
111 104.5 82.2 123.4
192 21.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.018 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY017681.D
Acq: 15 Mar 2024 18:32

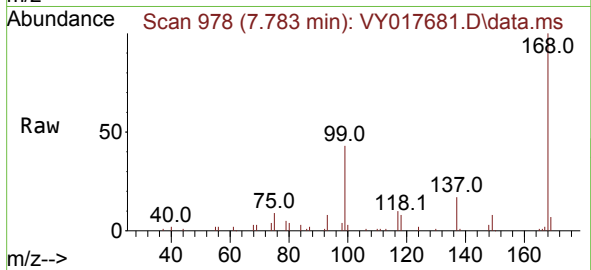
Tgt Ion: 75 Resp: 2074
Ion Ratio Lower Upper
75 100
110 10.2 19.0 57.0#
77 0.0 25.3 37.9#



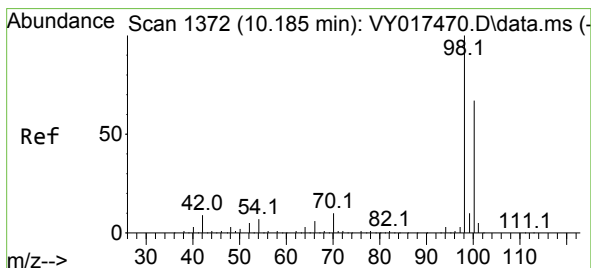
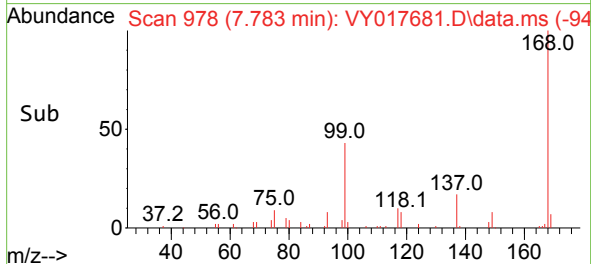
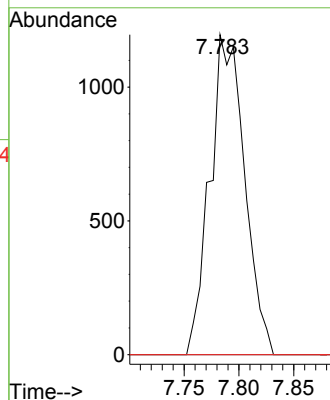


#38
Carbon Tetrachloride
Concen: 6.344 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY017681.D
Acq: 15 Mar 2024 18:32

Instrument :
MSVOA_Y
ClientSampleId :
RT-3488

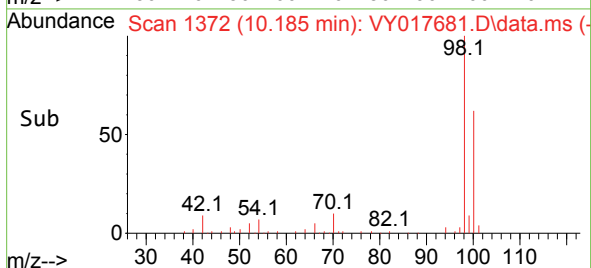
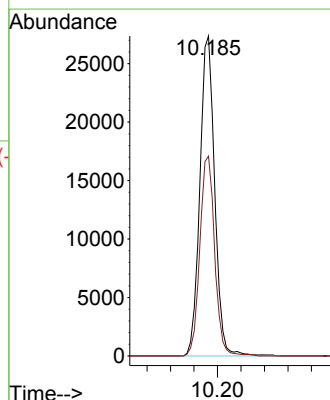
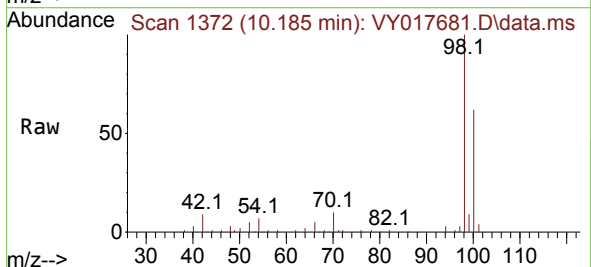


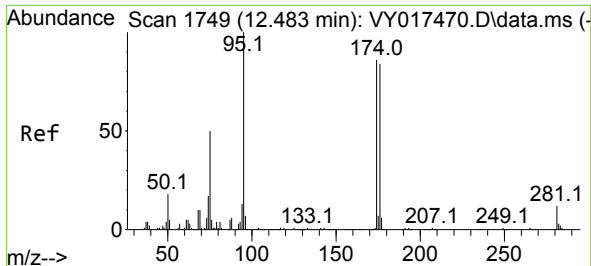
Tgt Ion:117 Resp: 2628
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 44.833 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017681.D
Acq: 15 Mar 2024 18:32

Tgt Ion: 98 Resp: 48023
Ion Ratio Lower Upper
98 100
100 62.4 52.0 78.0

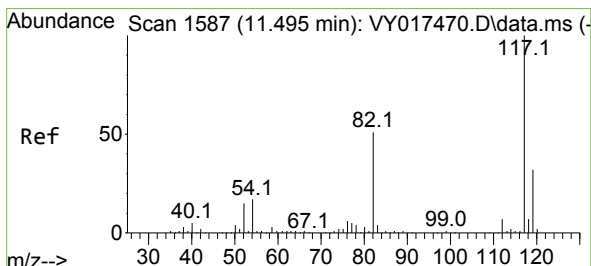
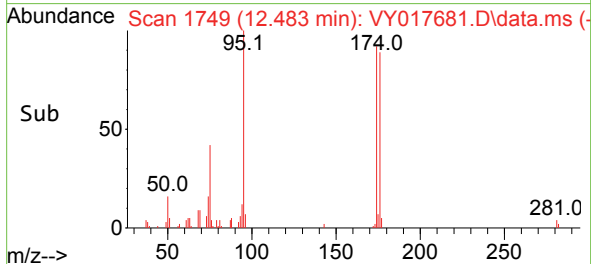
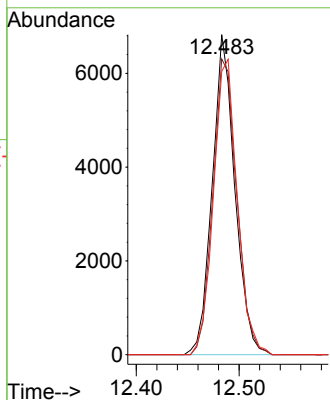
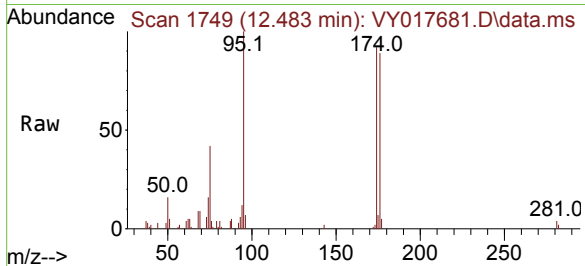




#62
4-Bromofluorobenzene
Concen: 31.025 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017681.D
Acq: 15 Mar 2024 18:32

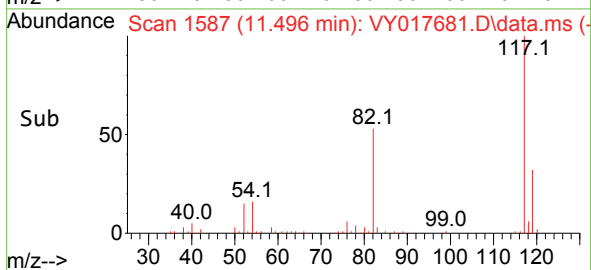
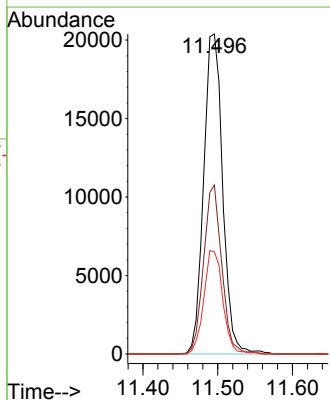
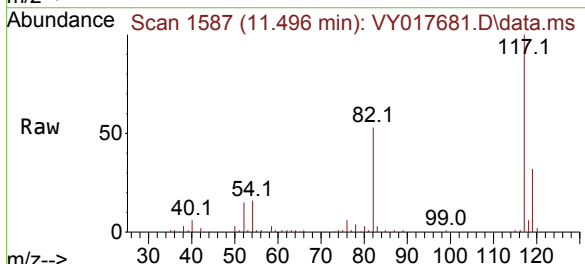
Instrument :
MSVOA_Y
ClientSampleId :
RT-3488

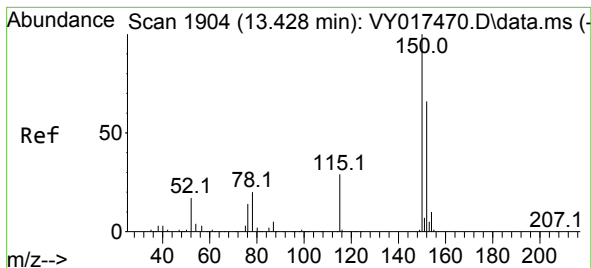
Tgt Ion: 95 Resp: 10444
Ion Ratio Lower Upper
95 100
174 97.5 0.0 175.6
176 97.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY017681.D
Acq: 15 Mar 2024 18:32

Tgt Ion: 117 Resp: 35998
Ion Ratio Lower Upper
117 100
82 52.8 42.4 63.6
119 31.9 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY017681.D

Acq: 15 Mar 2024 18:32

Instrument :

MSVOA_Y

ClientSampleId :

RT-3488

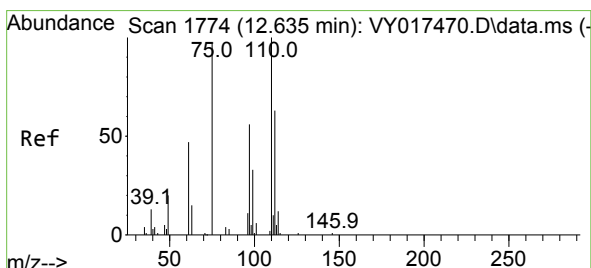
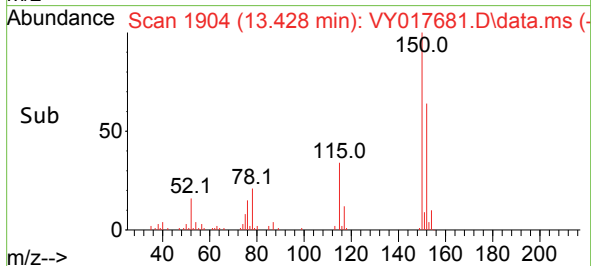
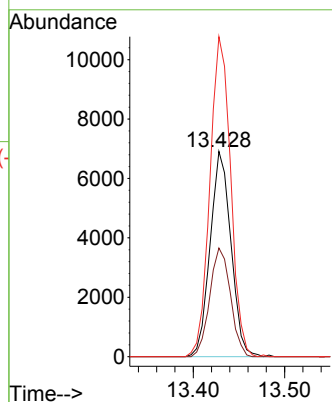
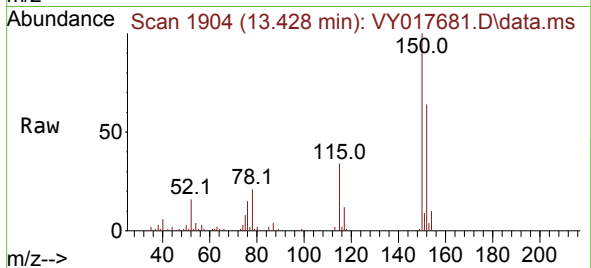
Tgt Ion:152 Resp: 10942

Ion Ratio Lower Upper

152 100

115 52.5 28.2 84.7

150 154.9 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 47.304 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY017681.D

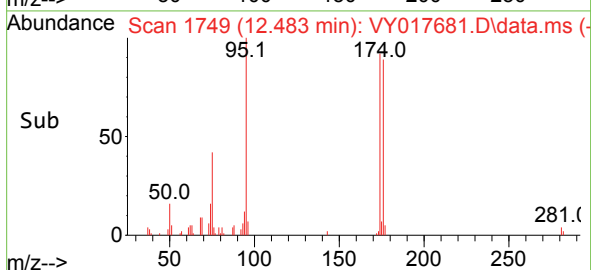
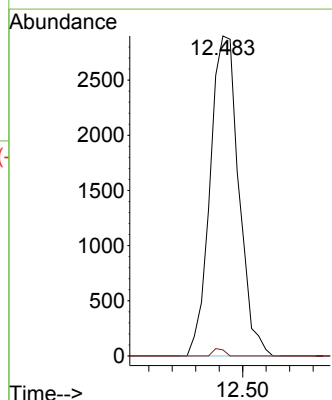
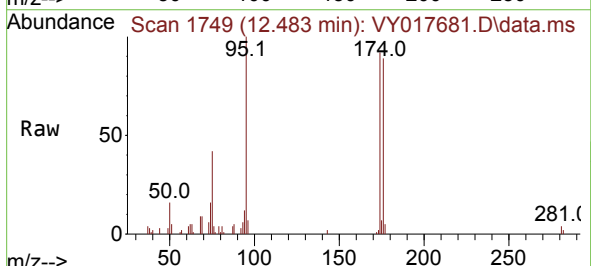
Acq: 15 Mar 2024 18:32

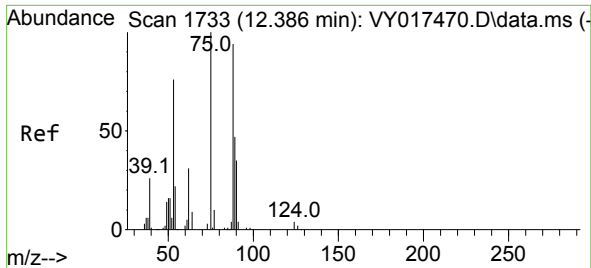
Tgt Ion: 75 Resp: 4918

Ion Ratio Lower Upper

75 100

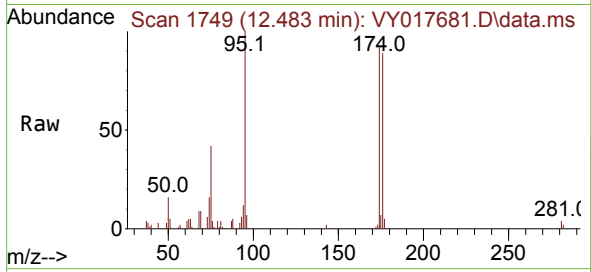
77 0.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.694 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY017681.D
 Acq: 15 Mar 2024 18:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT-3488



Tgt Ion:	75	Resp:	4918
Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.0	35.8	53.6#

