

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071823\
 Data File : VY014689.D
 Acq On : 18 Jul 2023 10:03
 Operator : SY/MD
 Sample : VY0718SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0718SBL01

Quant Time: Jul 19 03:59:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	209332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	365250	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	341136	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	159423	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	130492	54.704	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.400%
35) Dibromofluoromethane	7.716	113	117320	50.458	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.920%
50) Toluene-d8	10.179	98	429338	50.085	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.180%
62) 4-Bromofluorobenzene	12.483	95	160711	48.895	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.780%

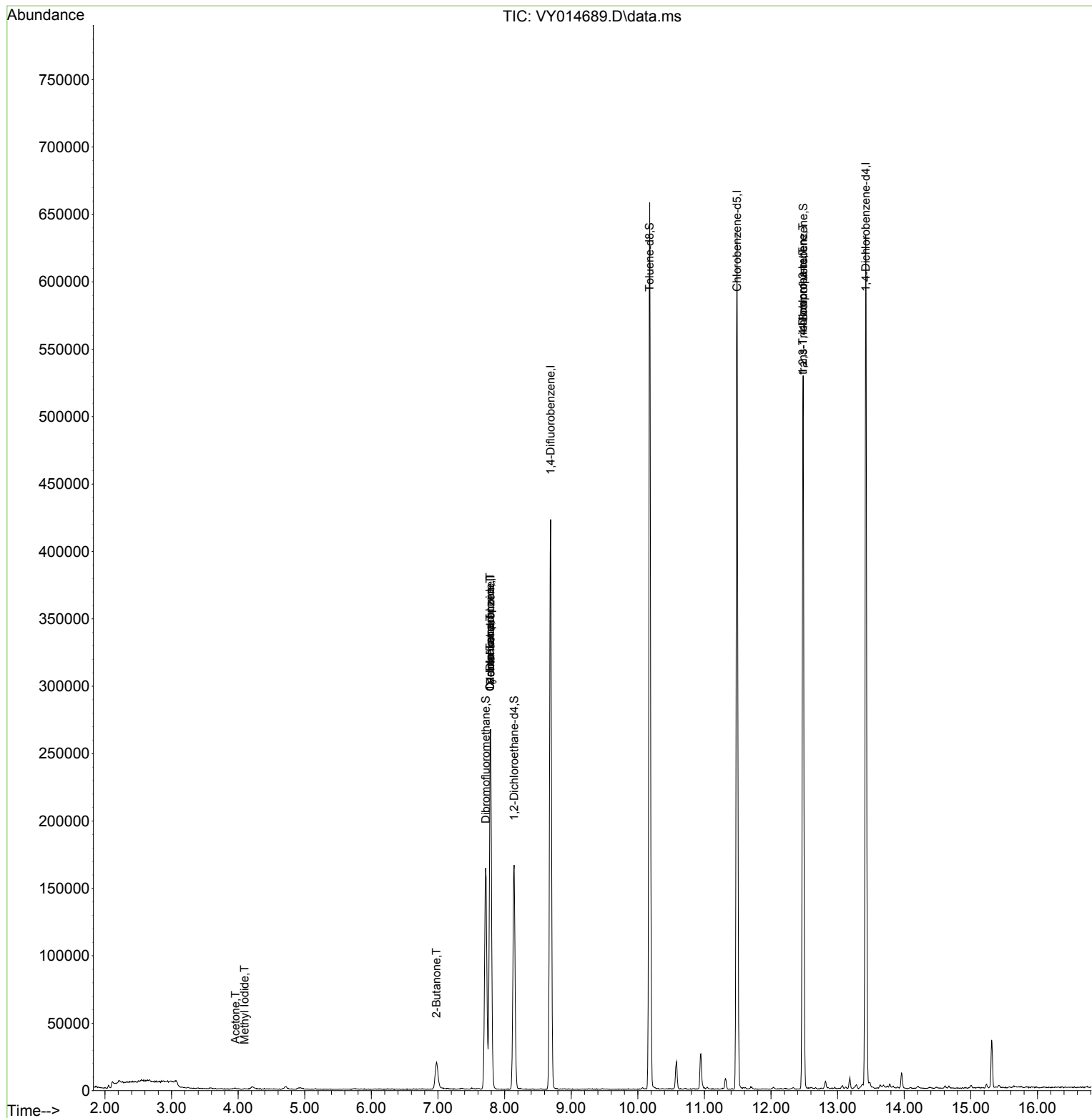
Target Compounds					Qvalue	
10) Methyl Iodide	4.095	142	257	2.474	ug/l #	38
11) Tert butyl alcohol	4.966	59	607	Below Cal	#	88
16) Acetone	3.960	43	1114	1.474	ug/l #	80
20) Methylene Chloride	4.710	84	1581	Below Cal	#	77
25) 2-Butanone	6.978	43	1955	1.768	ug/l #	84
31) Cyclohexane	7.783	56	4285	1.082	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	16207	4.661	ug/l #	51
38) Carbon Tetrachloride	7.783	117	21492	5.847	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	83636	41.538	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	83636	80.426	ug/l #	10

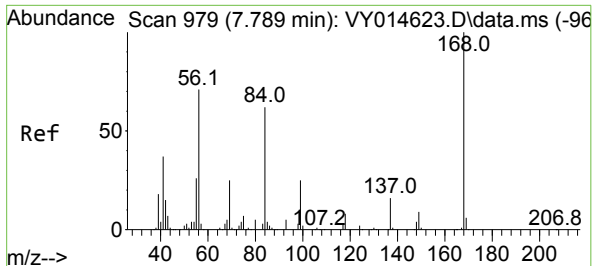
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071823\
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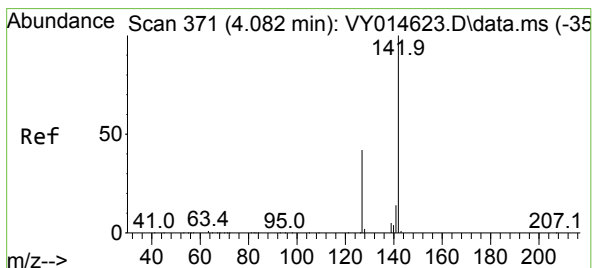
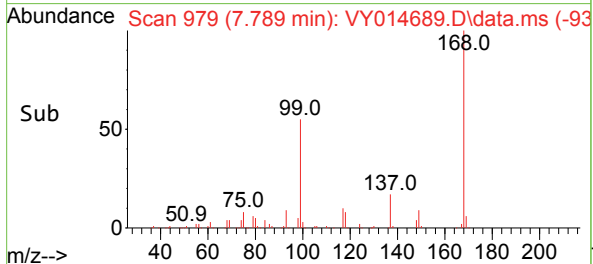
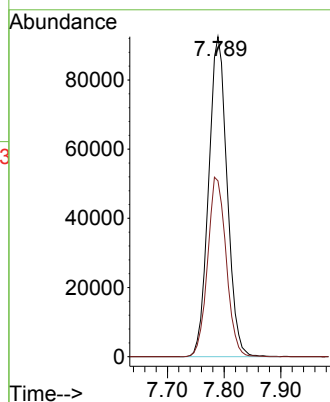
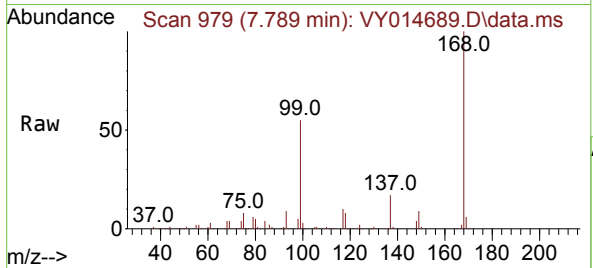




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014689.D
Acq: 18 Jul 2023 10:03

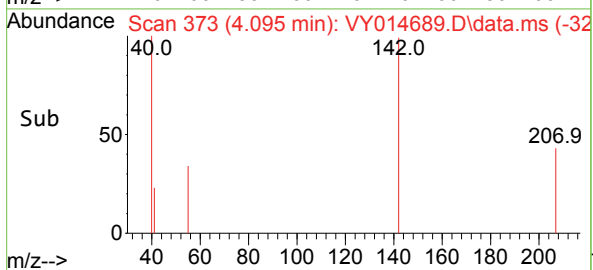
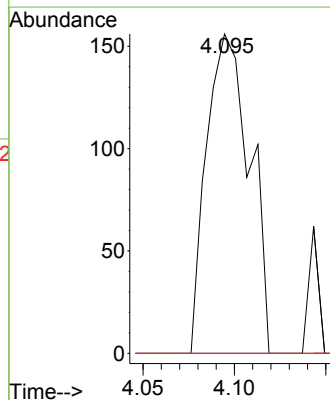
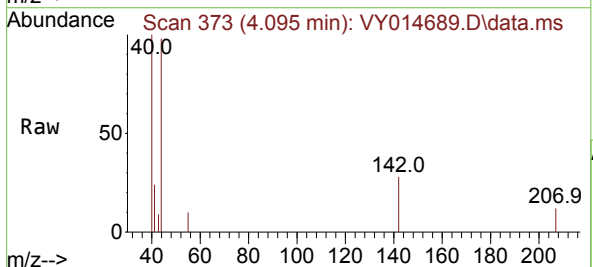
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBL01

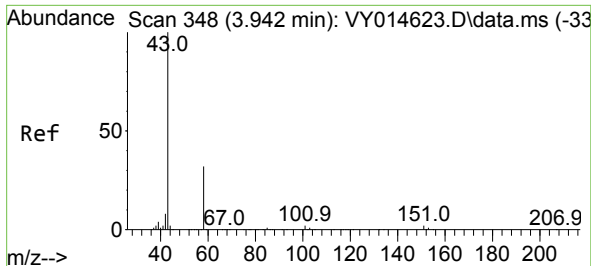
Tgt Ion:168 Resp: 209332
Ion Ratio Lower Upper
168 100
99 55.0 43.4 65.0



#10
Methyl Iodide
Concen: 2.474 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.013 min
Lab File: VY014689.D
Acq: 18 Jul 2023 10:03

Tgt Ion:142 Resp: 257
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#





#16

Acetone

Concen: 1.474 ug/l

RT: 3.960 min Scan# 3

Delta R.T. 0.018 min

Lab File: VY014689.D

Acq: 18 Jul 2023 10:03

Instrument :

MSVOA_Y

ClientSampleId :

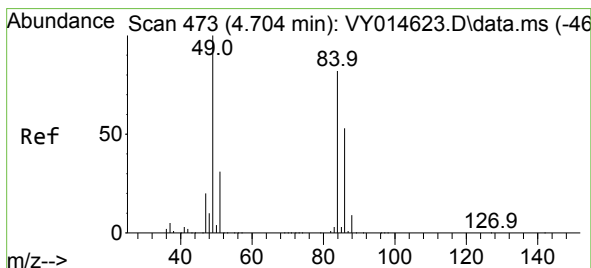
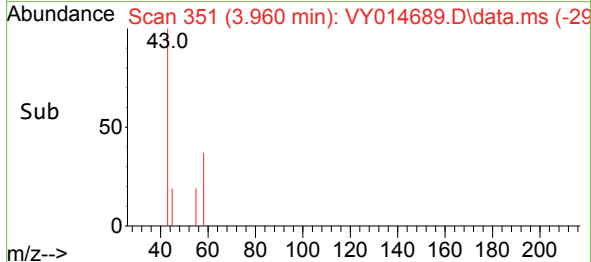
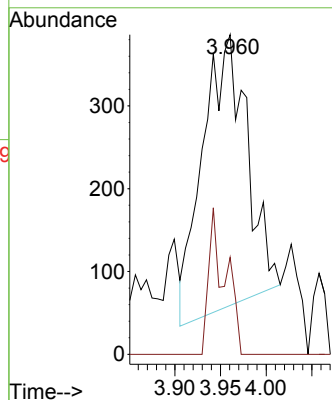
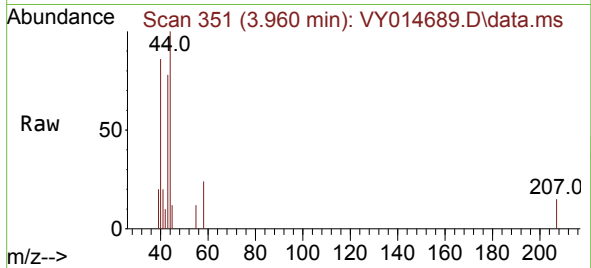
VY0718SBL01

Tgt Ion: 43 Resp: 1114

Ion Ratio Lower Upper

43 100

58 38.7 22.7 34.1#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.710 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY014689.D

Acq: 18 Jul 2023 10:03

Tgt Ion: 84 Resp: 1581

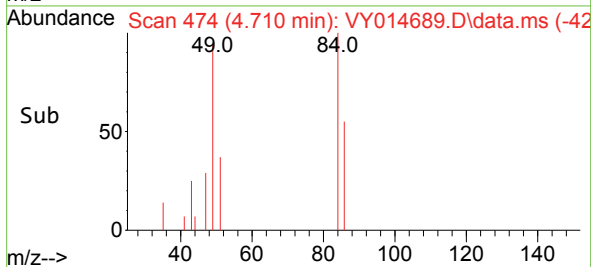
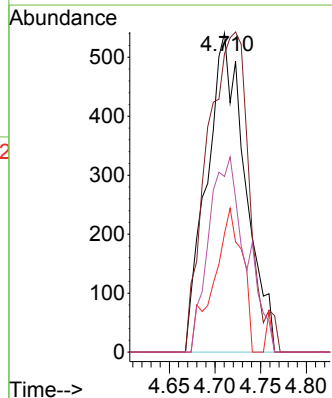
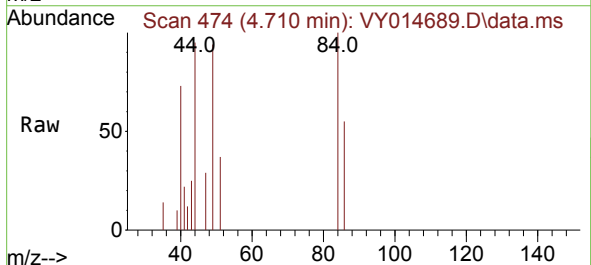
Ion Ratio Lower Upper

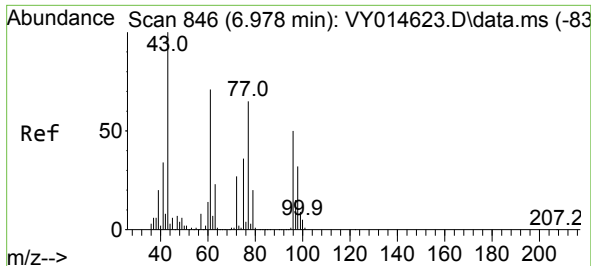
84 100

49 93.5 106.9 160.3#

51 37.2 33.2 49.8

86 55.1 51.0 76.6

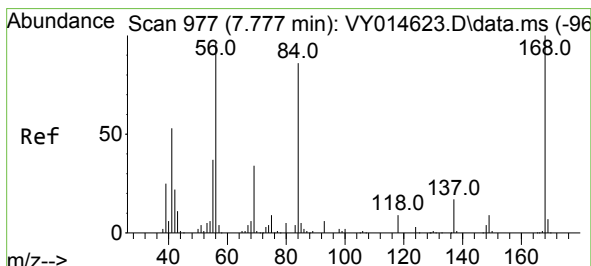
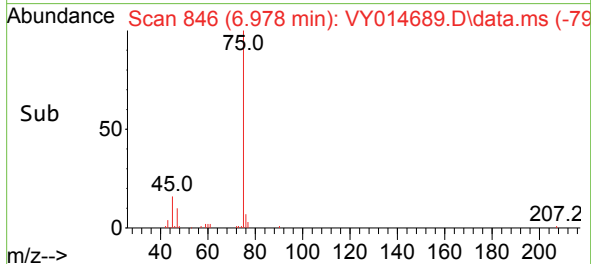
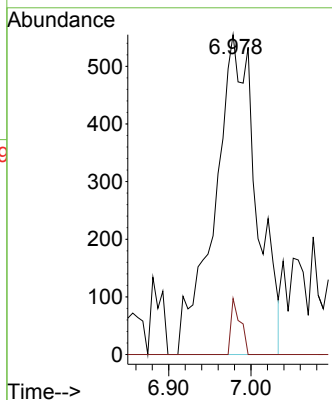
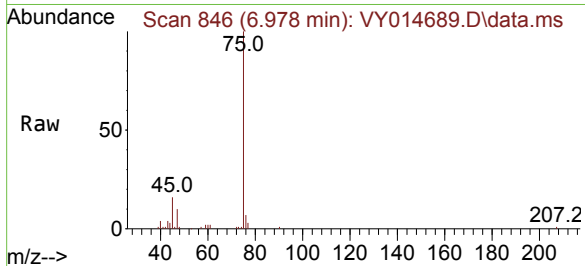




#25
2-Butanone
Concen: 1.768 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014689.D
Acq: 18 Jul 2023 10:03

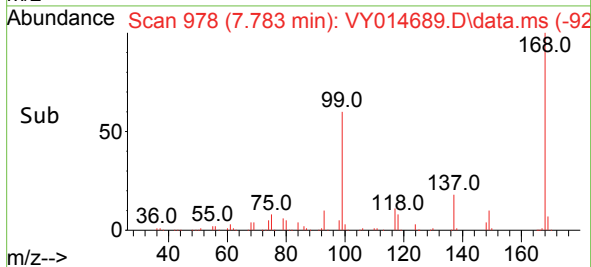
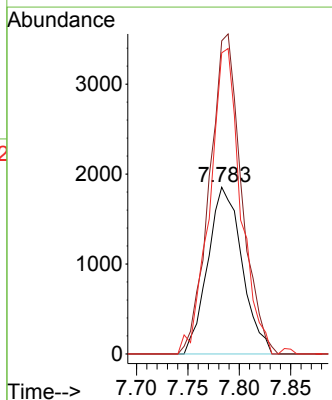
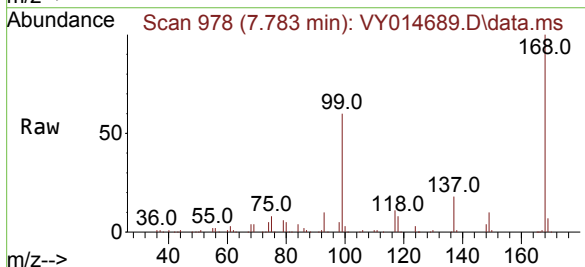
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBL01

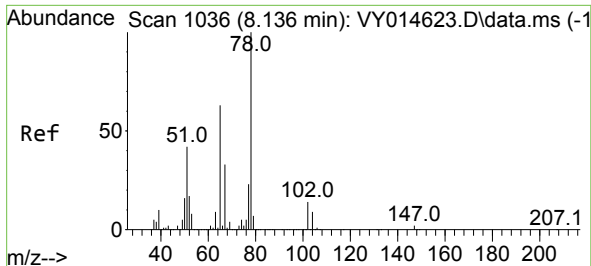
Tgt Ion: 43 Resp: 1955
Ion Ratio Lower Upper
43 100
72 17.5 20.5 30.7#



#31
Cyclohexane
Concen: 1.082 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY014689.D
Acq: 18 Jul 2023 10:03

Tgt Ion: 56 Resp: 4285
Ion Ratio Lower Upper
56 100
69 187.8 27.8 41.6#
84 180.6 66.4 99.6#

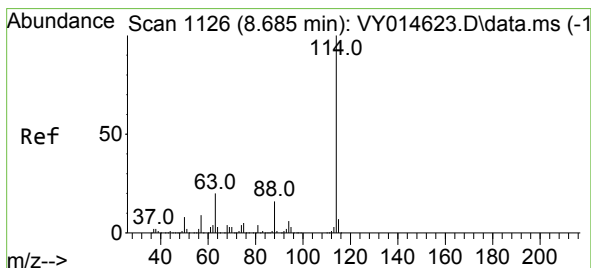
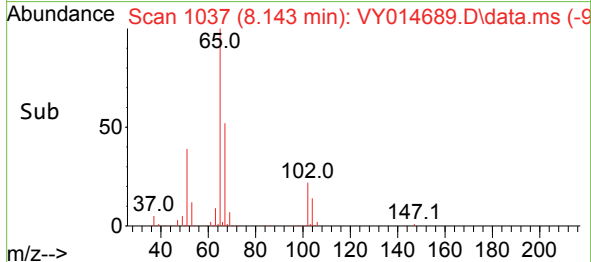
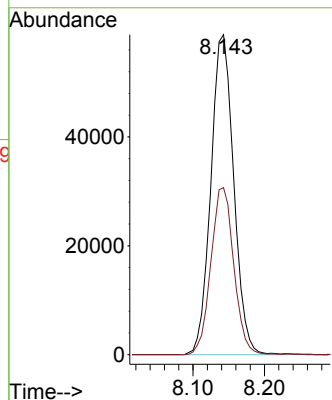
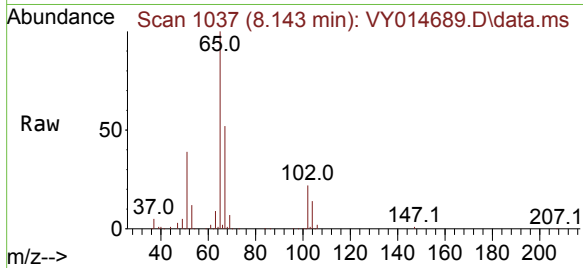




#33
 1,2-Dichloroethane-d4
 Concen: 54.704 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.007 min
 Lab File: VY014689.D
 Acq: 18 Jul 2023 10:03

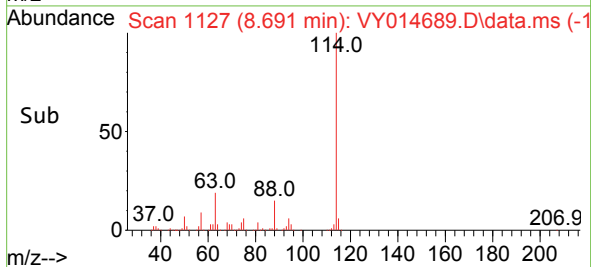
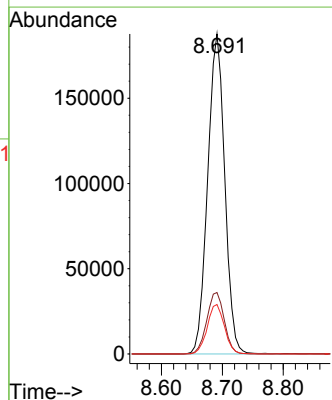
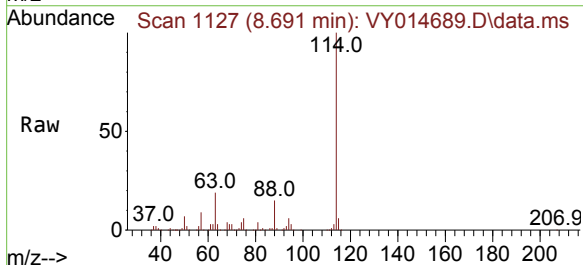
Instrument :
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 ClientSampleId :
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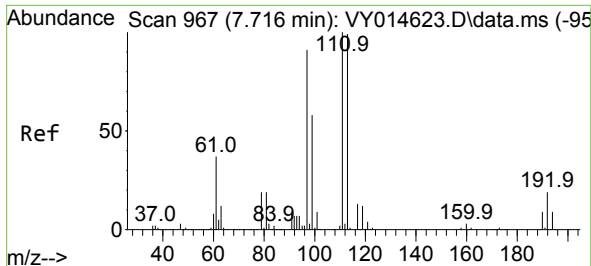
Tgt Ion: 65 Resp: 130492
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VY014689.D
 Acq: 18 Jul 2023 10:03

Tgt Ion:114 Resp: 365250
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 42.4
 88 15.5 0.0 30.6

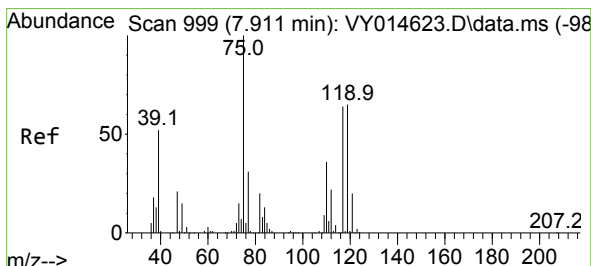
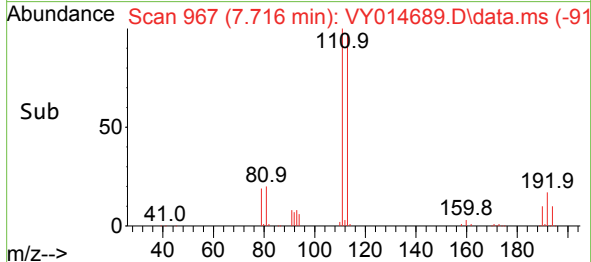
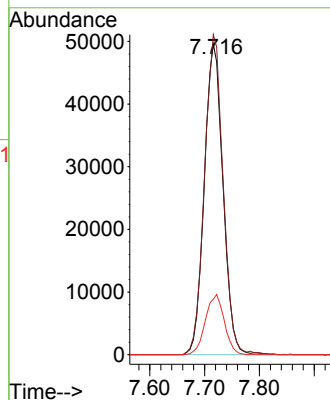
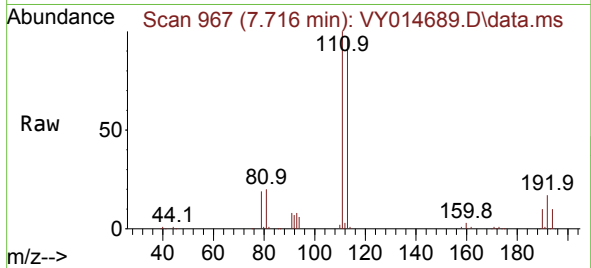




#35
Dibromofluoromethane
Concen: 50.458 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014689.D
Acq: 18 Jul 2023 10:03

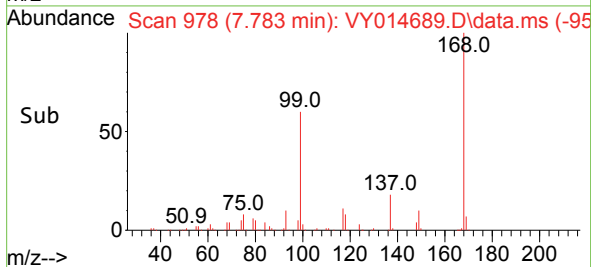
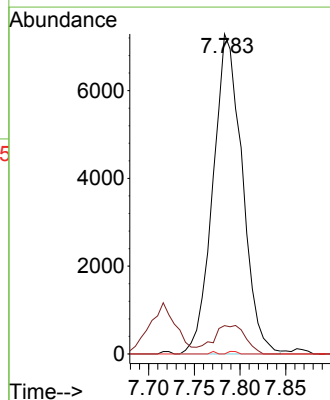
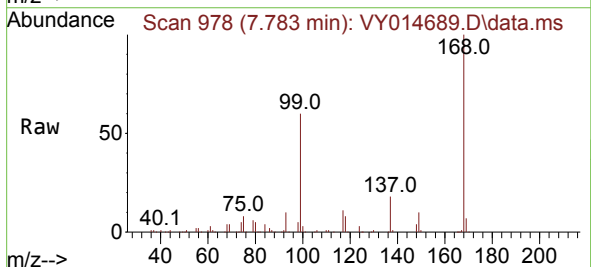
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ClientSampleId :
VY0718SBL01

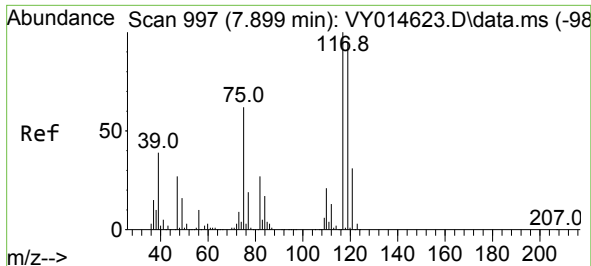
Tgt Ion:113 Resp: 117320
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 19.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.661 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY014689.D
Acq: 18 Jul 2023 10:03

Tgt Ion: 75 Resp: 16207
Ion Ratio Lower Upper
75 100
110 9.8 17.8 53.5#
77 0.3 24.4 36.6#

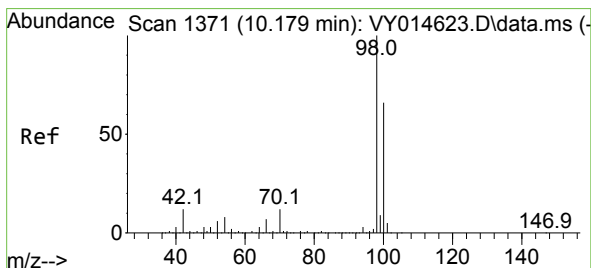
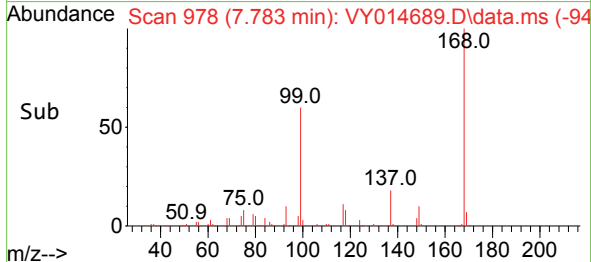
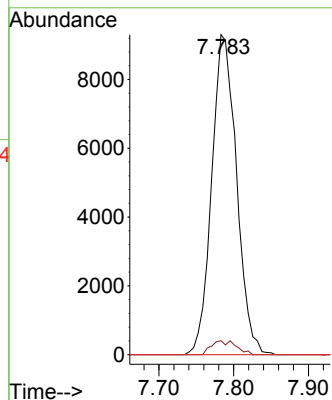
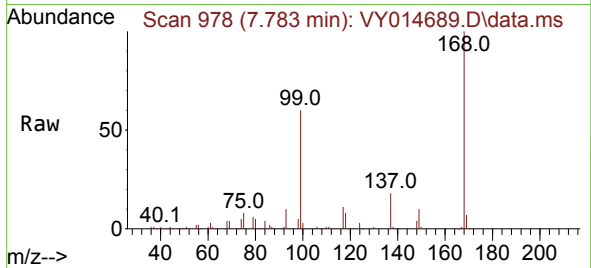




#38
Carbon Tetrachloride
Concen: 5.847 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY014689.D
Acq: 18 Jul 2023 10:03

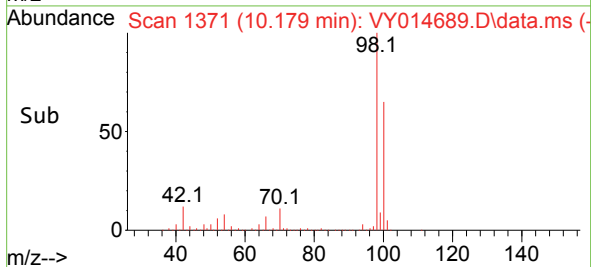
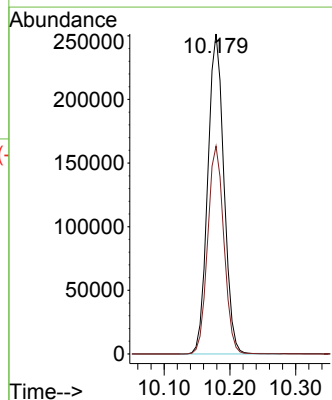
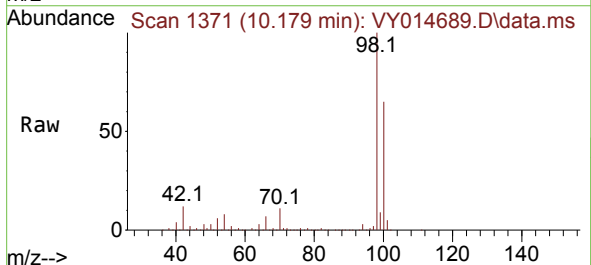
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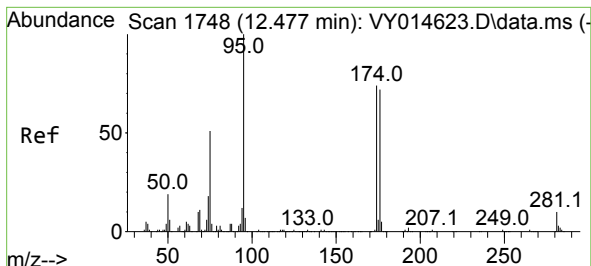
Tgt Ion:117 Resp: 21492
Ion Ratio Lower Upper
117 100
119 4.4 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.085 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014689.D
Acq: 18 Jul 2023 10:03

Tgt Ion: 98 Resp: 429338
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1

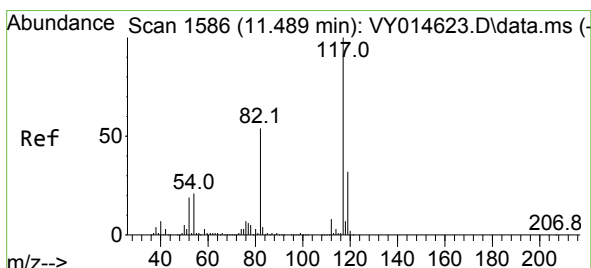
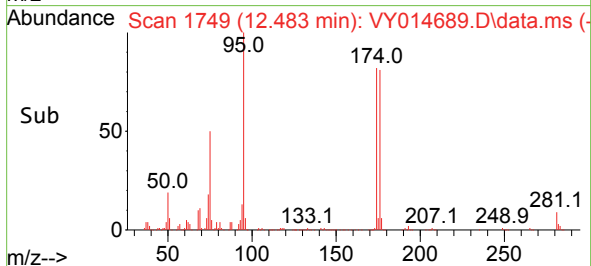
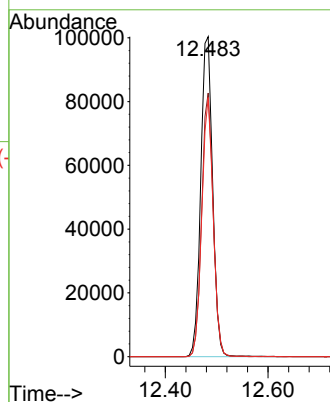
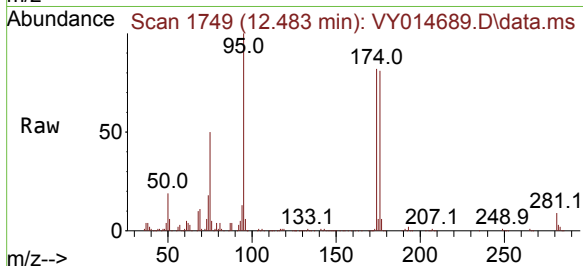




#62
4-Bromofluorobenzene
Concen: 48.895 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014689.D
Acq: 18 Jul 2023 10:03

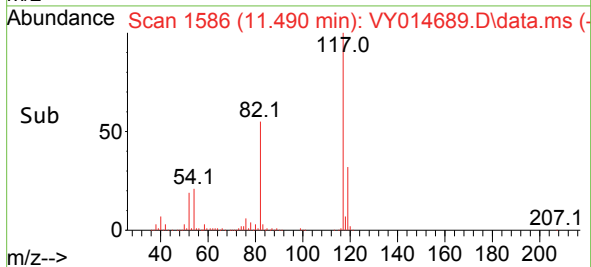
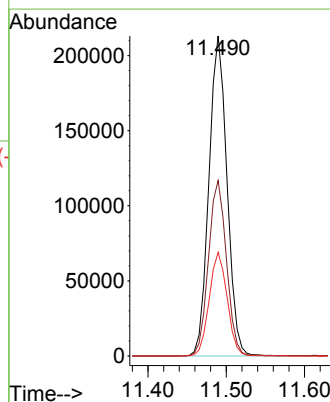
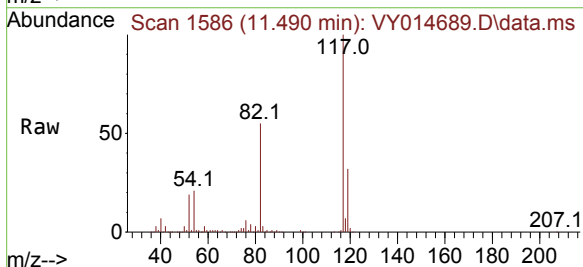
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBL01

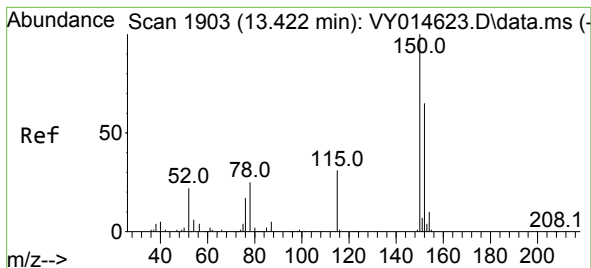
Tgt Ion: 95 Resp: 160711
Ion Ratio Lower Upper
95 100
174 79.8 0.0 178.2
176 77.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014689.D
Acq: 18 Jul 2023 10:03

Tgt Ion: 117 Resp: 341136
Ion Ratio Lower Upper
117 100
82 54.8 43.4 65.0
119 32.4 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: VY014689.D

Acq: 18 Jul 2023 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBL01

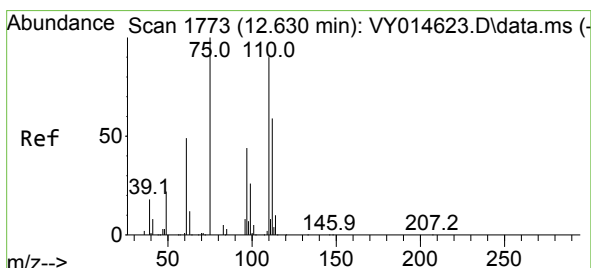
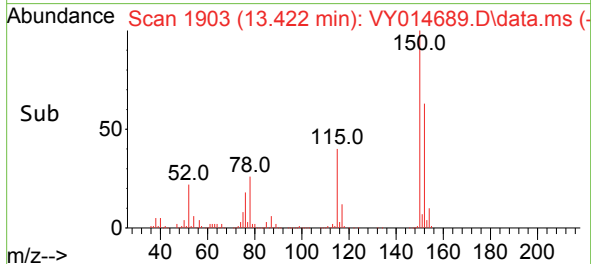
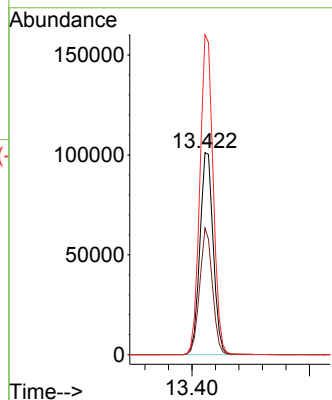
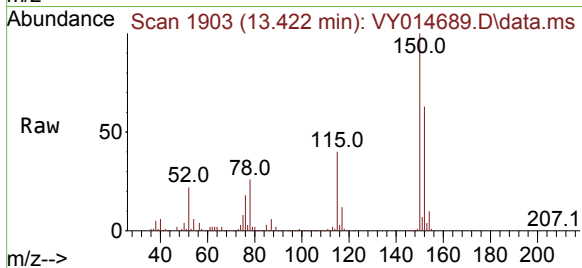
Tgt Ion:152 Resp: 159423

Ion Ratio Lower Upper

152 100

115 60.0 28.8 86.5

150 157.6 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 41.538 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY014689.D

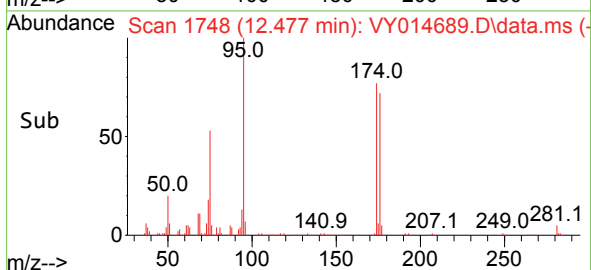
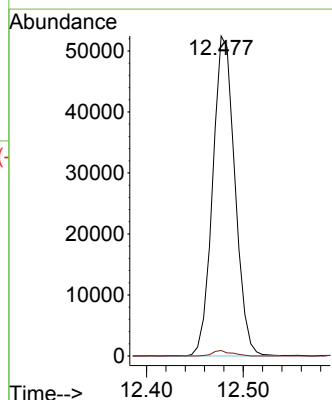
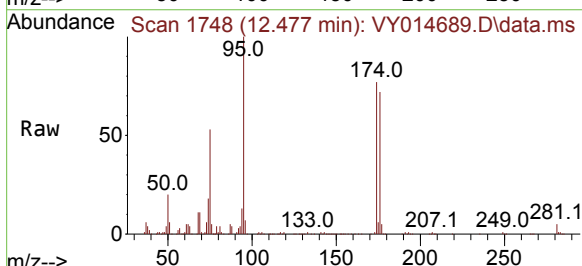
Acq: 18 Jul 2023 10:03

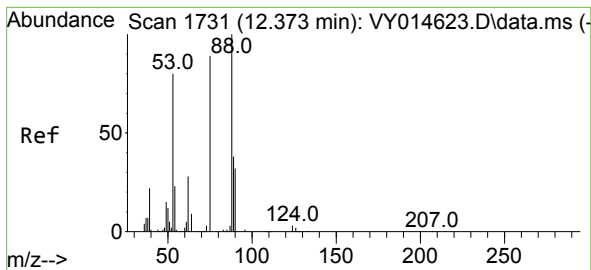
Tgt Ion: 75 Resp: 83636

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.426 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014689.D
 Acq: 18 Jul 2023 10:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0718SBL01

Tgt Ion: 75 Resp: 83636
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

