

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032723\
 Data File : VY013093.D
 Acq On : 27 Mar 2023 15:44
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Mar 28 01:44:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

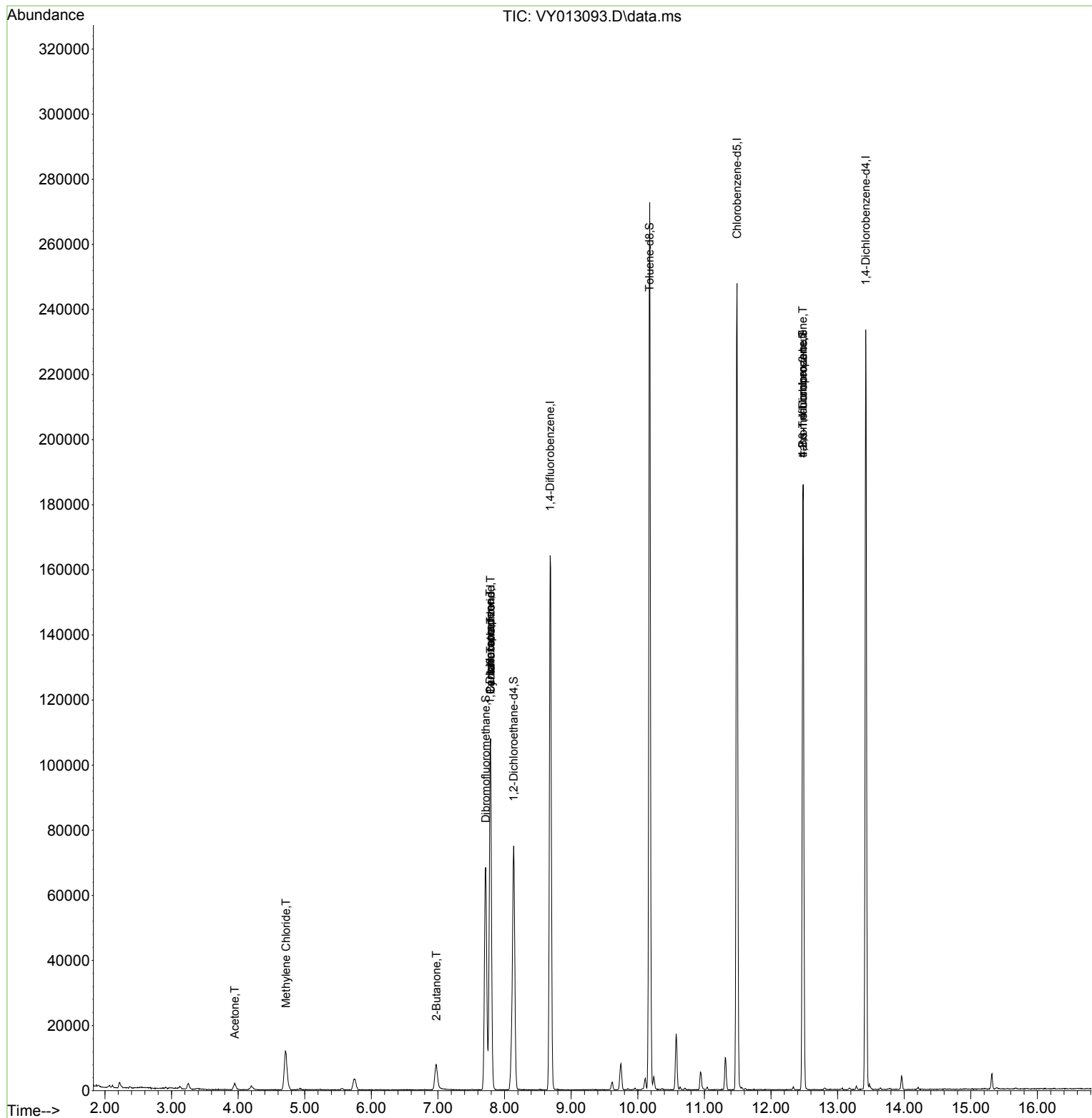
Internal Standards						
1) Pentafluorobenzene	7.789	168	84693	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	142634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	133157	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	60623	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	51977	61.812	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 123.620%			
35) Dibromofluoromethane	7.716	113	49304	57.277	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.560%			
50) Toluene-d8	10.179	98	173283	55.065	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.120%			
62) 4-Bromofluorobenzene	12.477	95	52102	49.053	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.100%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	83	Below Cal	#	74
16) Acetone	3.948	43	3439	10.419	ug/l #	78
20) Methylene Chloride	4.716	84	8699	3.657	ug/l	91
25) 2-Butanone	6.978	43	564	1.380	ug/l #	49
31) Cyclohexane	7.789	56	1722	1.069	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	6468	4.484	ug/l #	50
38) Carbon Tetrachloride	7.789	117	8332	5.593	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	27305	37.717	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	27305	78.152	ug/l #	13

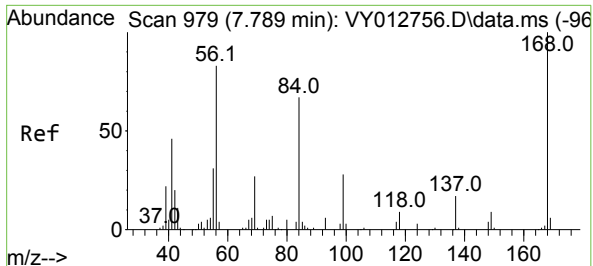
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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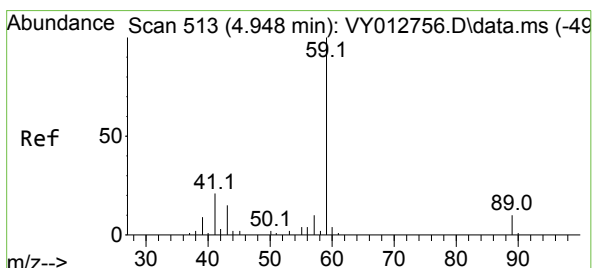
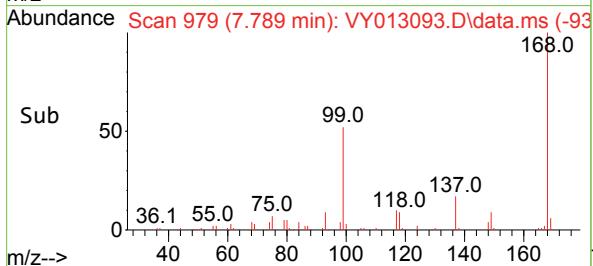
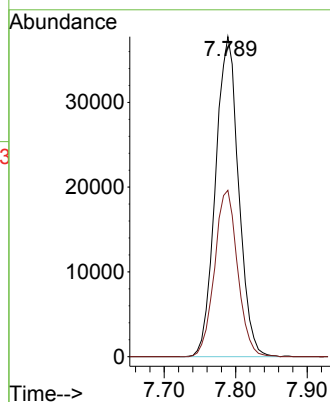
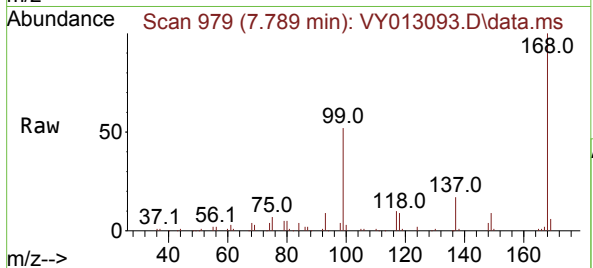




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013093.D
Acq: 27 Mar 2023 15:44

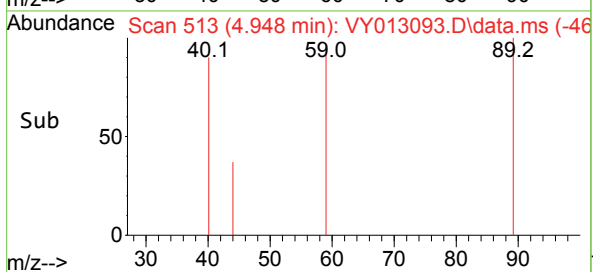
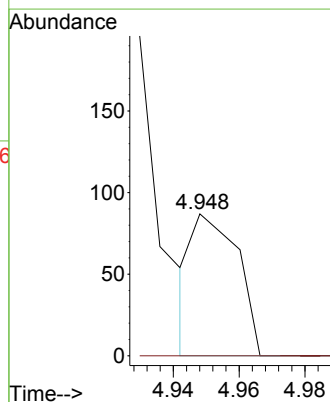
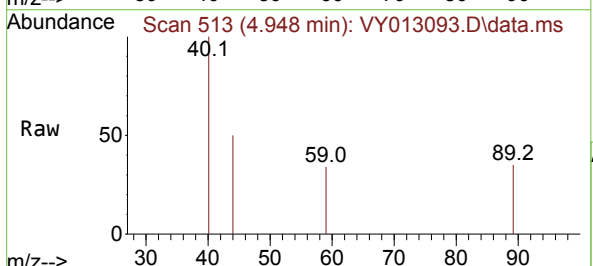
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 84693
Ion Ratio Lower Upper
168 100
99 52.0 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY013093.D
Acq: 27 Mar 2023 15:44

Tgt Ion: 59 Resp: 83
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

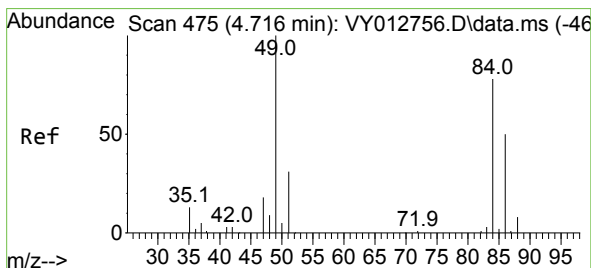
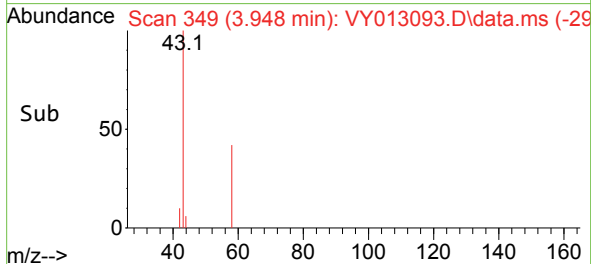
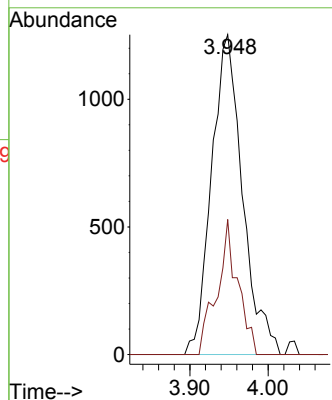
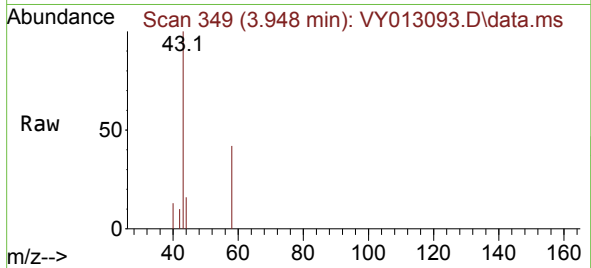




#16
Acetone
Concen: 10.419 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY013093.D
Acq: 27 Mar 2023 15:44

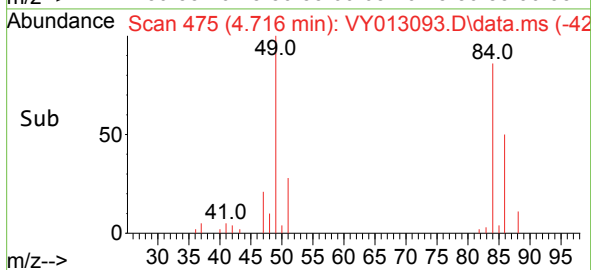
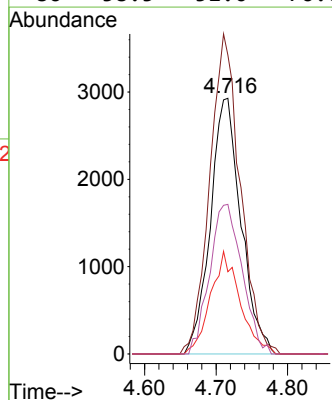
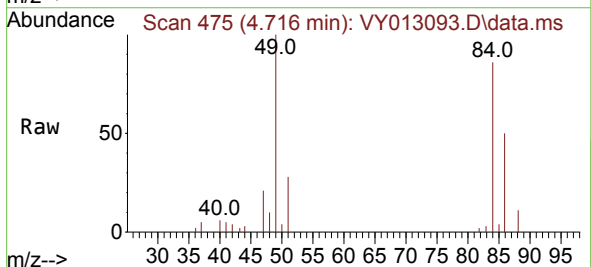
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

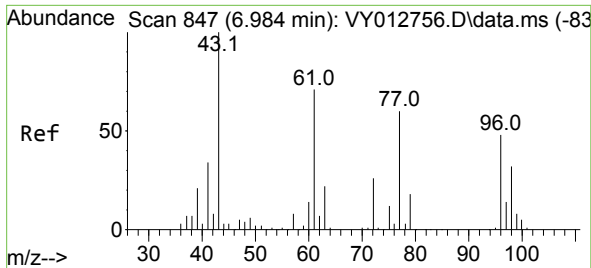
Tgt Ion: 43 Resp: 3439
Ion Ratio Lower Upper
43 100
58 42.2 24.2 36.2#



#20
Methylene Chloride
Concen: 3.657 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013093.D
Acq: 27 Mar 2023 15:44

Tgt Ion: 84 Resp: 8699
Ion Ratio Lower Upper
84 100
49 116.9 102.6 154.0
51 32.2 31.9 47.9
86 58.5 51.0 76.6

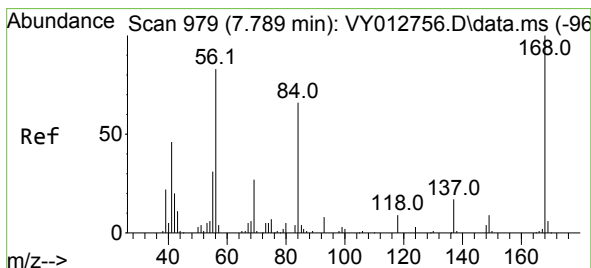
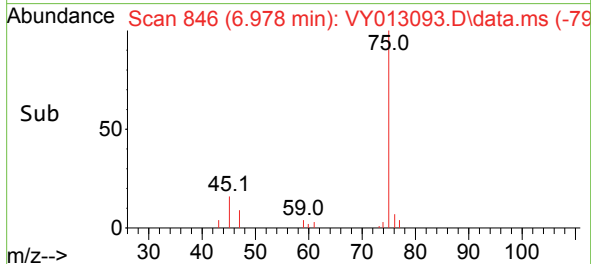
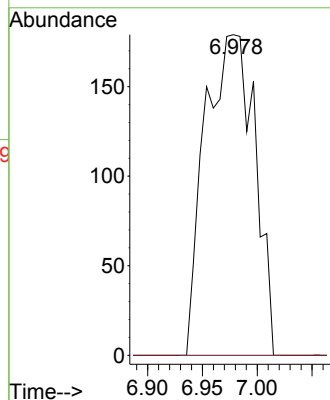
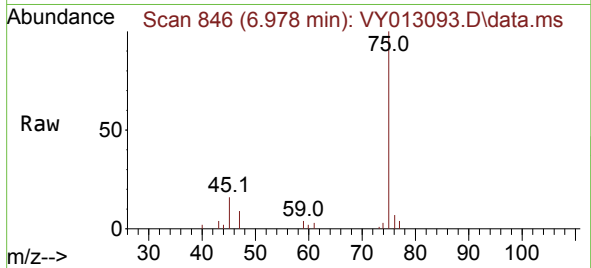




#25
2-Butanone
Concen: 1.380 ug/l
RT: 6.978 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY013093.D
Acq: 27 Mar 2023 15:44

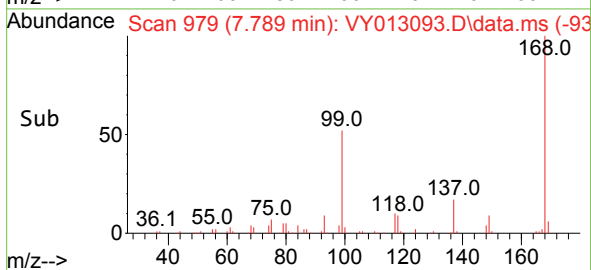
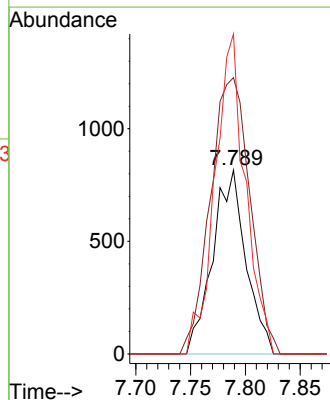
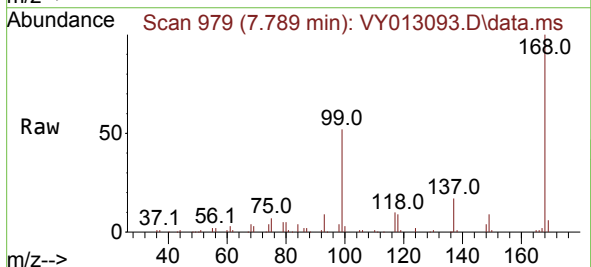
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

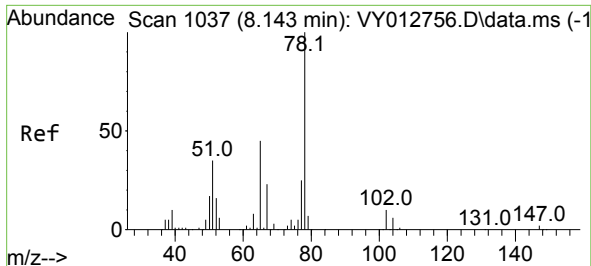
Tgt Ion: 43 Resp: 564
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.4#



#31
Cyclohexane
Concen: 1.069 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY013093.D
Acq: 27 Mar 2023 15:44

Tgt Ion: 56 Resp: 1722
Ion Ratio Lower Upper
56 100
69 150.4 25.7 38.5#
84 174.1 64.3 96.5#

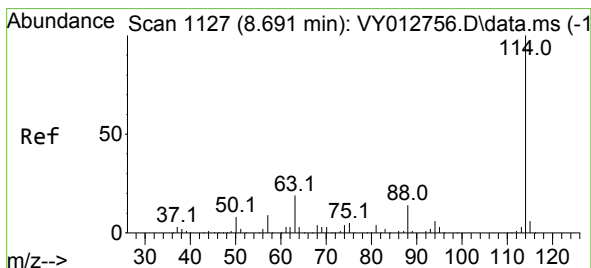
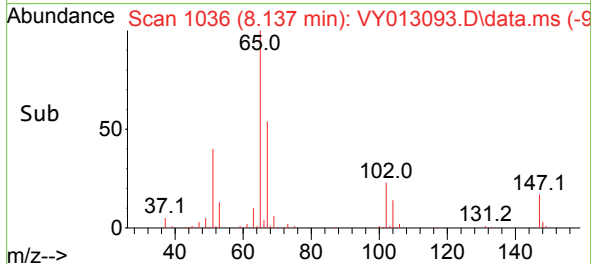
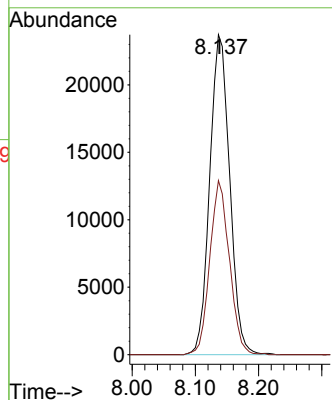
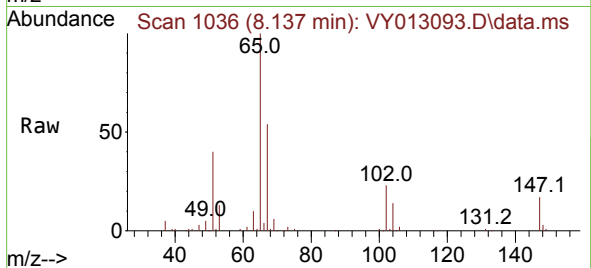




#33
1,2-Dichloroethane-d4
Concen: 61.812 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY013093.D
Acq: 27 Mar 2023 15:44

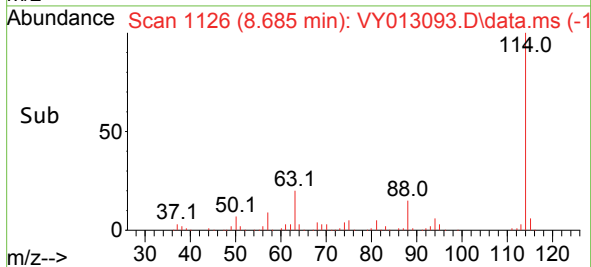
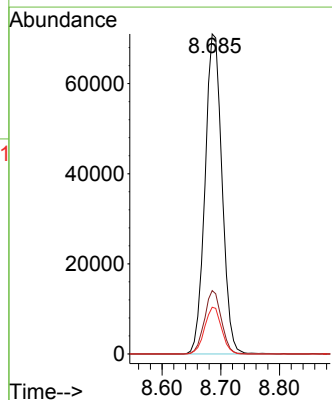
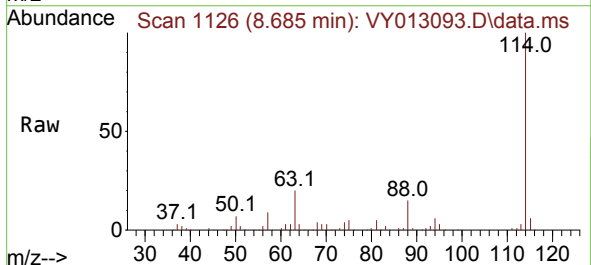
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

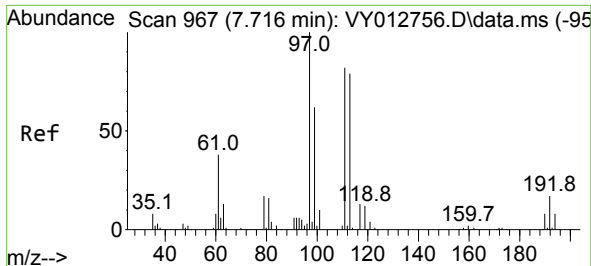
Tgt Ion: 65 Resp: 51977
Ion Ratio Lower Upper
65 100
67 53.4 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY013093.D
Acq: 27 Mar 2023 15:44

Tgt Ion: 114 Resp: 142634
Ion Ratio Lower Upper
114 100
63 19.8 0.0 37.4
88 14.6 0.0 28.6

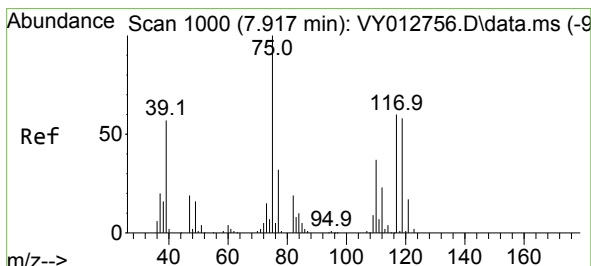
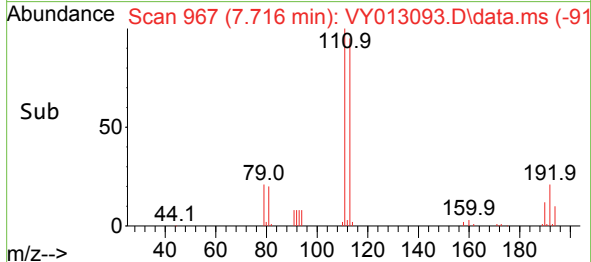
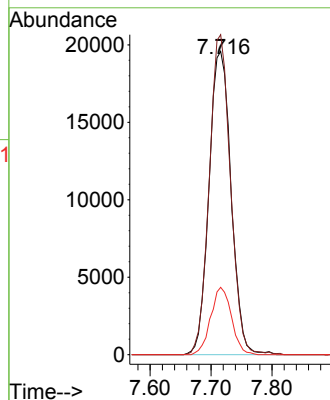
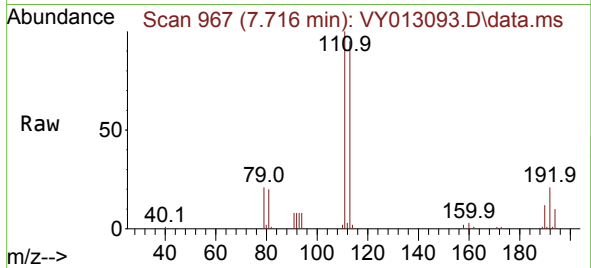




#35
Dibromofluoromethane
Concen: 57.277 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013093.D
Acq: 27 Mar 2023 15:44

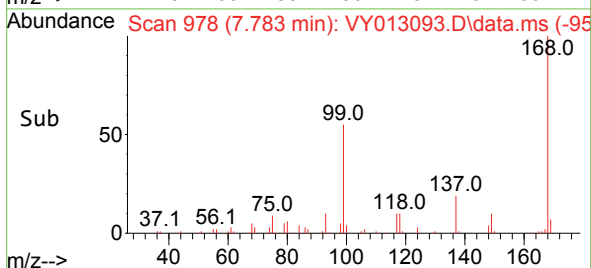
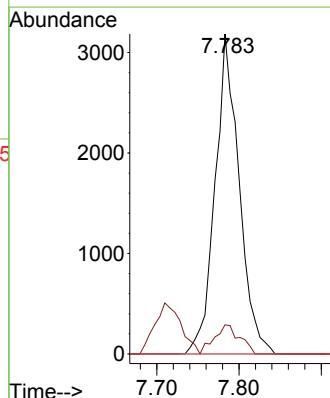
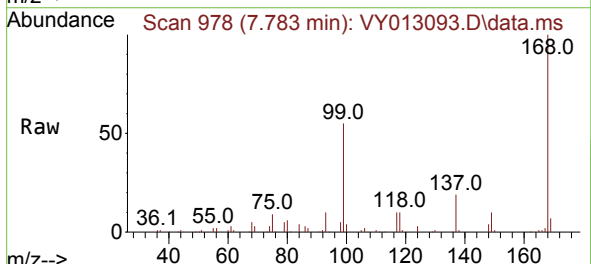
Instrument :
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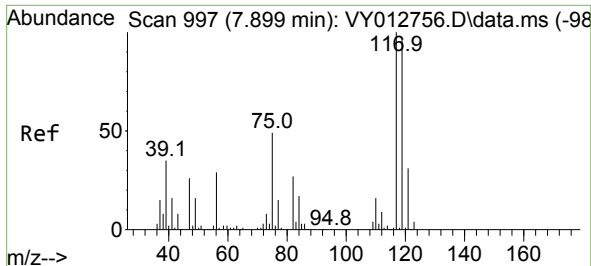
Tgt Ion:113 Resp: 49304
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.2
192 20.9 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.484 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY013093.D
Acq: 27 Mar 2023 15:44

Tgt Ion: 75 Resp: 6468
Ion Ratio Lower Upper
75 100
110 9.5 17.8 53.3#
77 0.0 25.0 37.4#

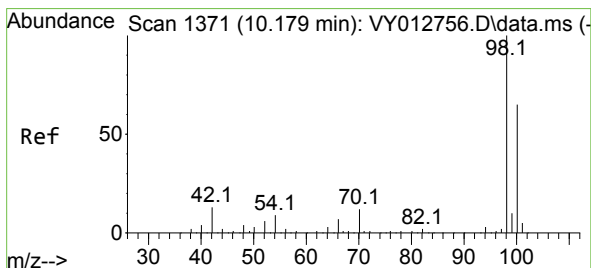
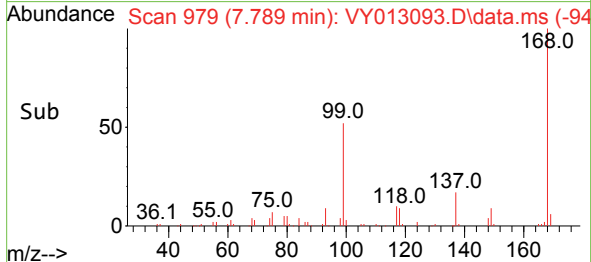
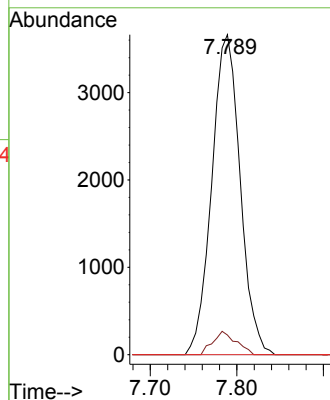
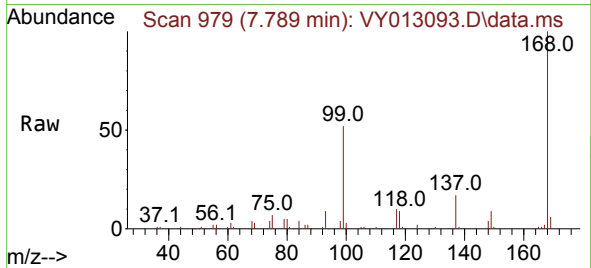




#38
Carbon Tetrachloride
Concen: 5.593 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013093.D
Acq: 27 Mar 2023 15:44

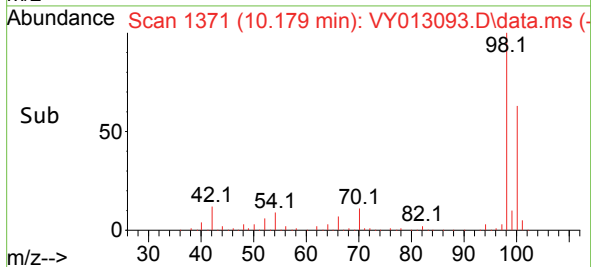
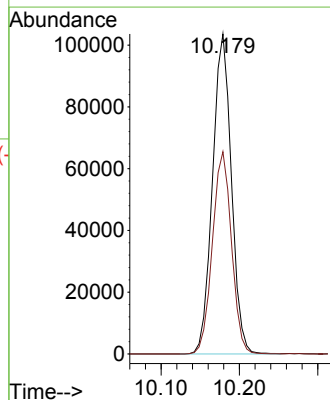
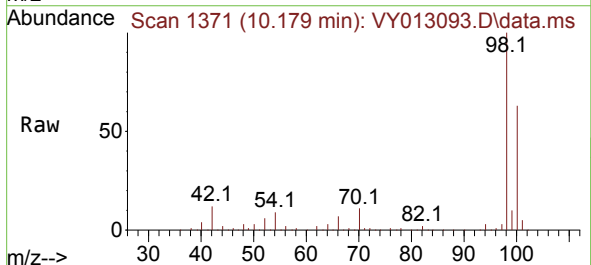
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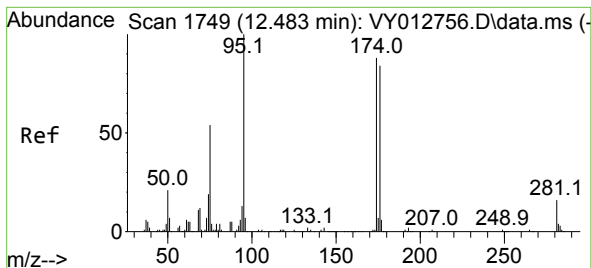
Tgt Ion:117 Resp: 8332
Ion Ratio Lower Upper
117 100
119 6.2 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 55.065 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY013093.D
Acq: 27 Mar 2023 15:44

Tgt Ion: 98 Resp: 173283
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3

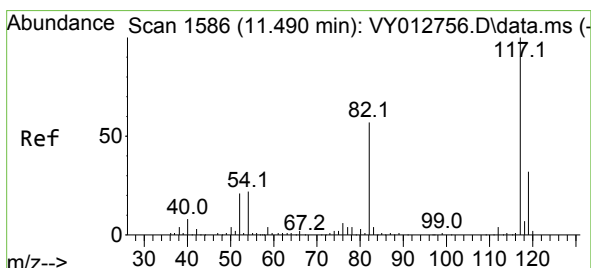
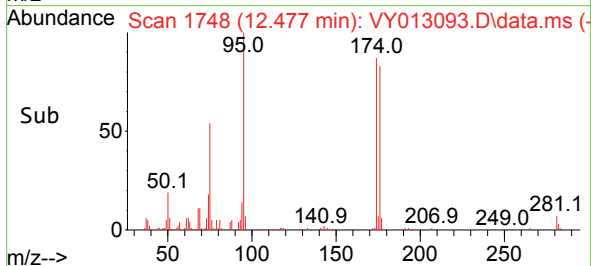
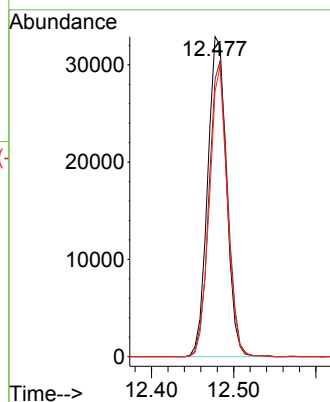
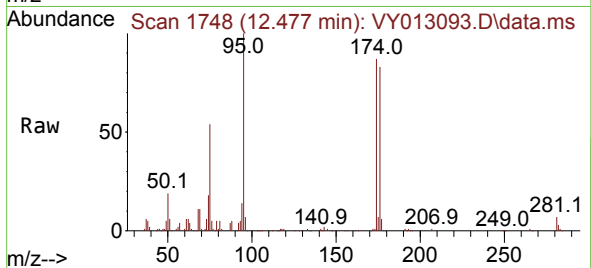




#62
4-Bromofluorobenzene
Concen: 49.053 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013093.D
Acq: 27 Mar 2023 15:44

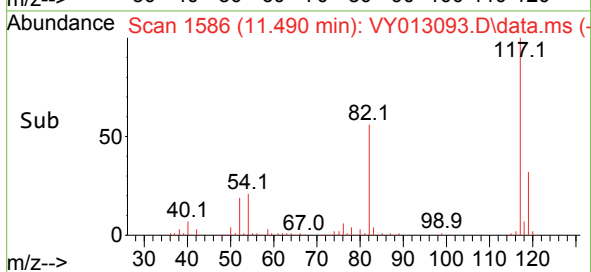
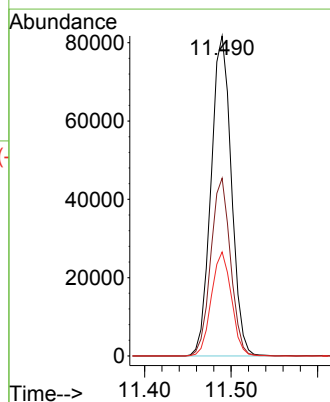
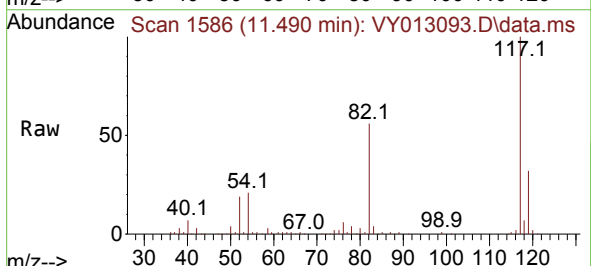
Instrument :
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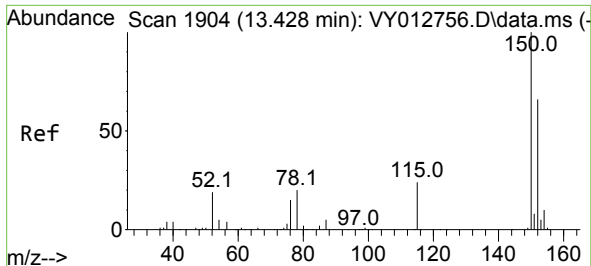
Tgt Ion: 95 Resp: 52102
Ion Ratio Lower Upper
95 100
174 92.3 0.0 176.6
176 86.6 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013093.D
Acq: 27 Mar 2023 15:44

Tgt Ion: 117 Resp: 133157
Ion Ratio Lower Upper
117 100
82 55.6 45.4 68.0
119 32.5 25.6 38.4

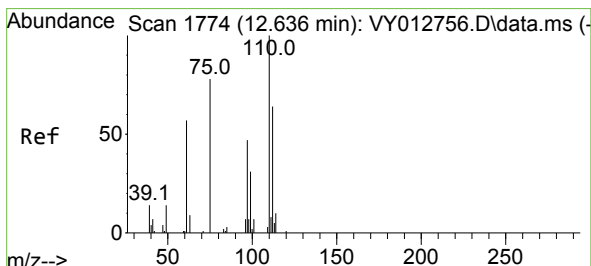
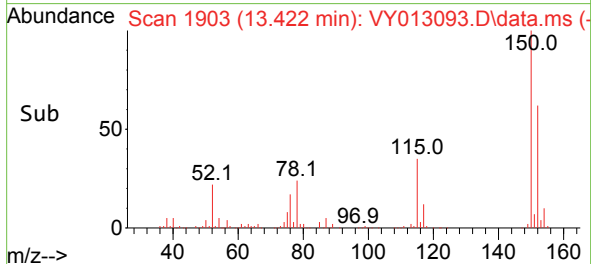
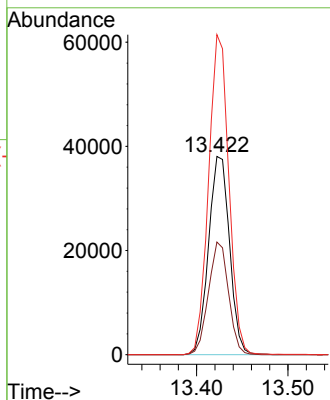
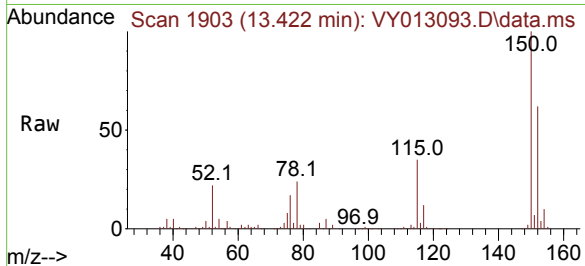




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY013093.D
 Acq: 27 Mar 2023 15:44

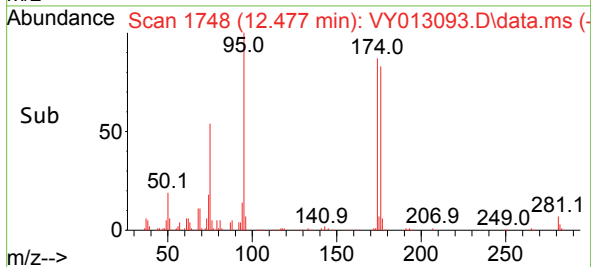
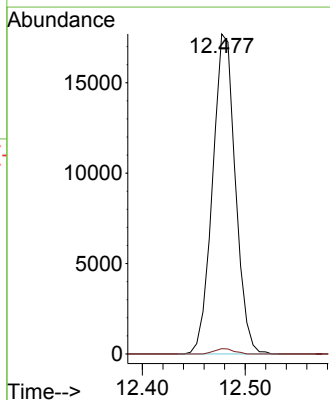
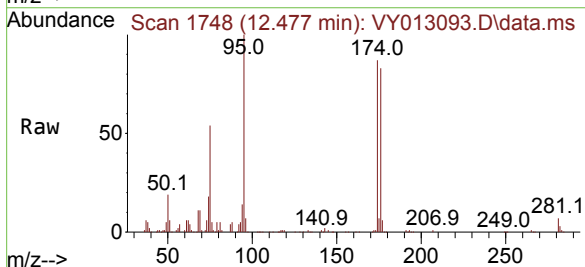
Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

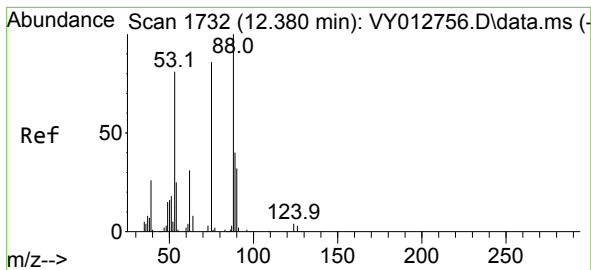
Tgt Ion:152 Resp: 60623
 Ion Ratio Lower Upper
 152 100
 115 54.3 27.1 81.3
 150 155.9 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 37.717 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.158 min
 Lab File: VY013093.D
 Acq: 27 Mar 2023 15:44

Tgt Ion: 75 Resp: 27305
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 78.152 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY013093.D
Acq: 27 Mar 2023 15:44

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:	75	Resp:	27305
Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.4	110.0#
89	0.1	36.6	55.0#

