

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
 Data File : VY014366.D
 Acq On : 22 Jun 2023 06:54
 Operator : KP/MD
 Sample : 03362-05
 Misc : 13.25g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-32-37-SB-37-GRAB-5

Quant Time: Jun 22 07:31:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

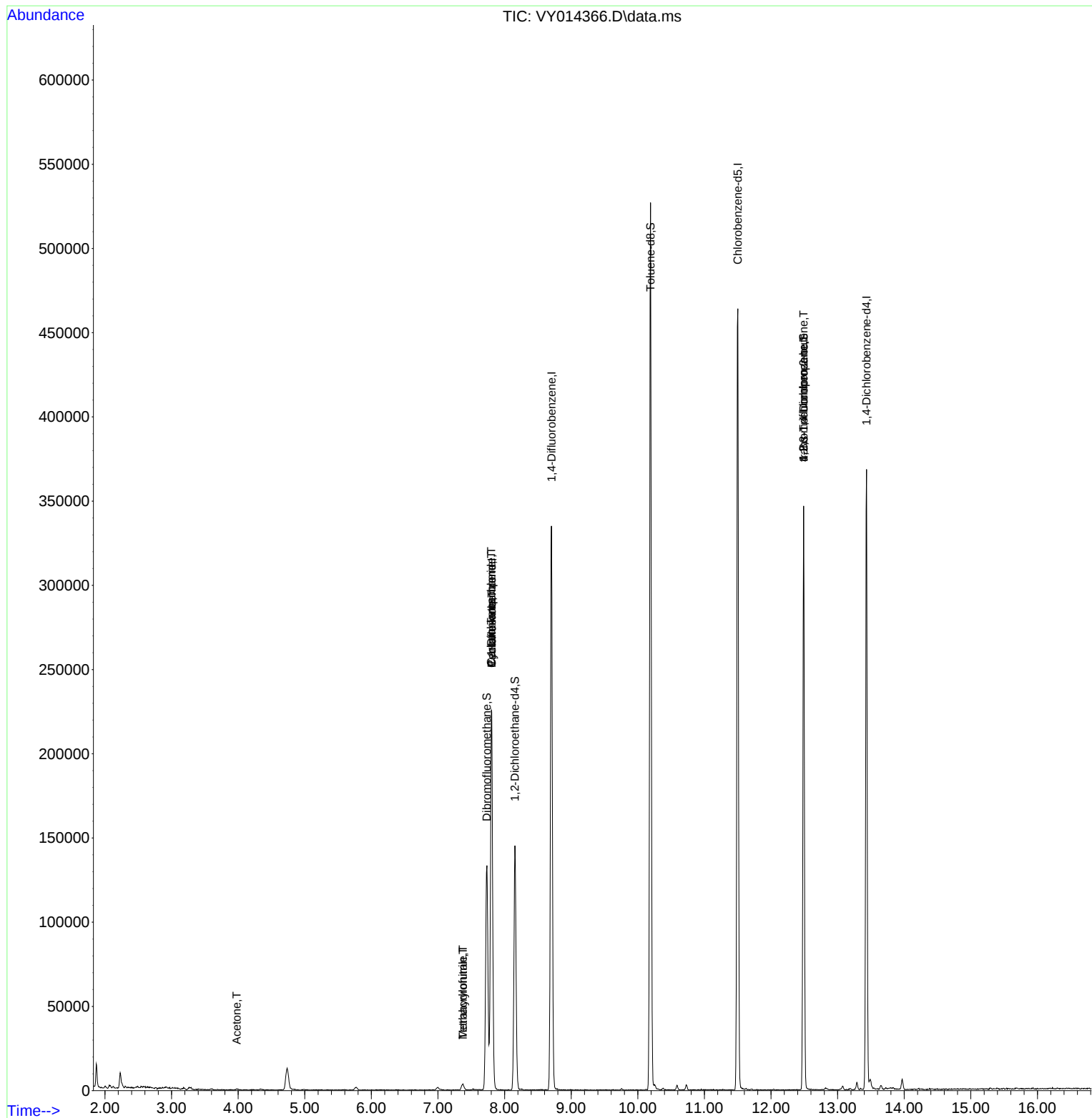
Internal Standards						
1) Pentafluorobenzene	7.807	168	177004	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.703	114	279875	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	253601	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	95683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	121586	49.329	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.660%
35) Dibromofluoromethane	7.734	113	93084	46.898	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.800%
50) Toluene-d8	10.191	98	338575	45.628	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.260%
62) 4-Bromofluorobenzene	12.489	95	94210	35.740	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	71.480%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.984	59	490	Below Cal	#	89
16) Acetone	3.979	43	843	1.135	ug/l #	82
29) Tetrahydrofuran	7.374	42	3028	5.221	ug/l #	80
31) Cyclohexane	7.807	56	3812	1.154	ug/l #	45
36) 1,1-Dichloropropene	7.801	75	13327	4.307	ug/l #	52
38) Carbon Tetrachloride	7.801	117	17976	5.034	ug/l #	17
41) Methacrylonitrile	7.374	41	1746	1.602	ug/l #	33
76) 1,2,3-Trichloropropane	12.489	75	52513	41.832	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	52513	90.424	ug/l #	11

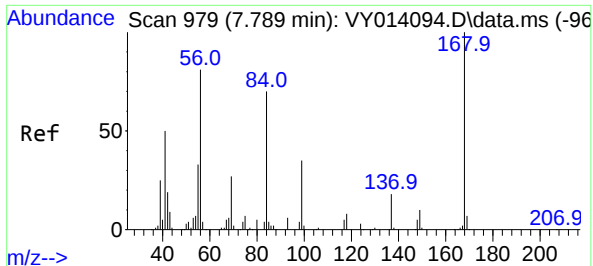
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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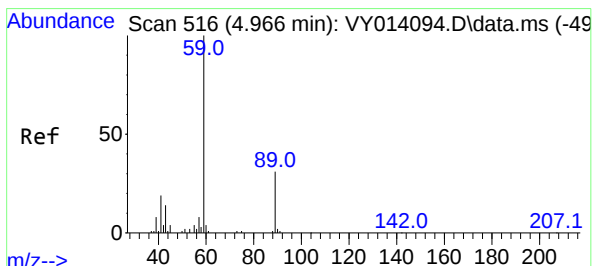
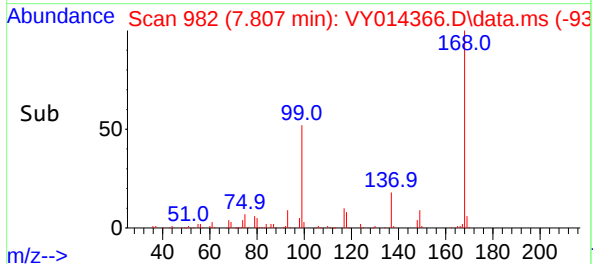
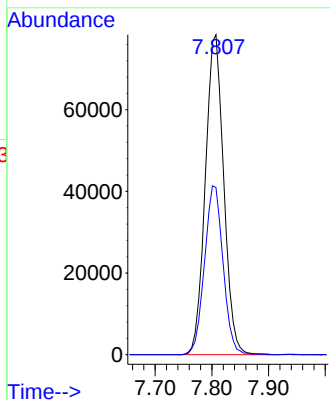
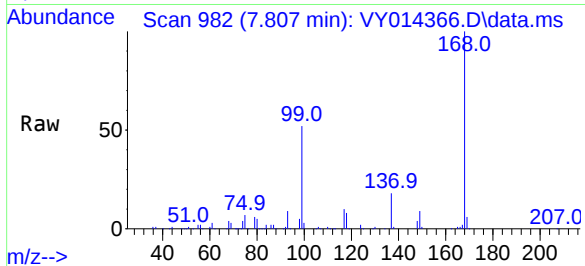




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY014366.D
Acq: 22 Jun 2023 06:54

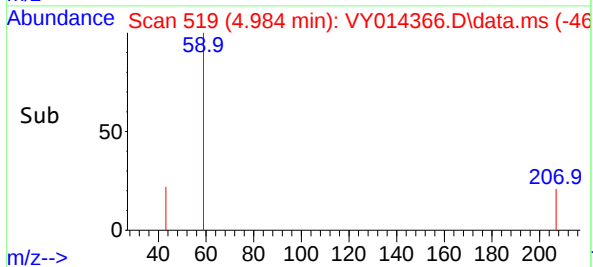
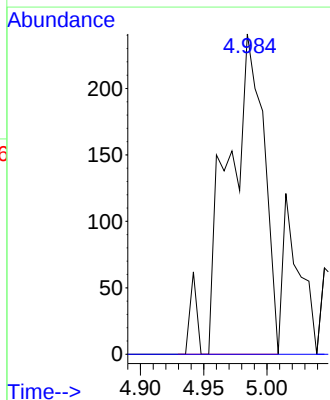
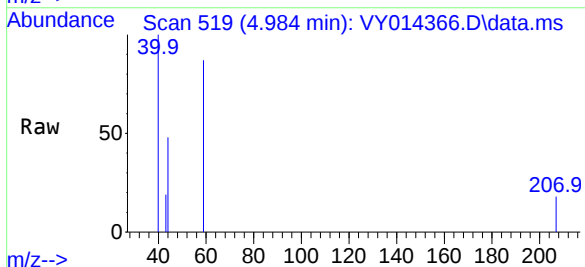
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-32-37-SB-37-GRAB-5

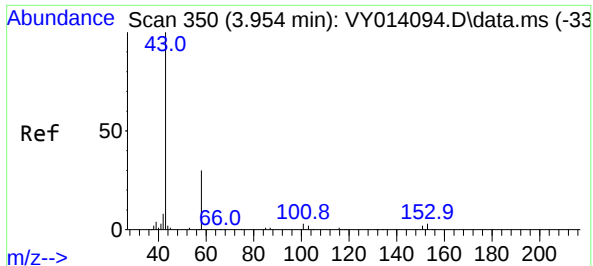
Tgt Ion:168 Resp: 177004
Ion Ratio Lower Upper
168 100
99 52.2 43.4 65.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.984 min Scan# 519
Delta R.T. 0.018 min
Lab File: VY014366.D
Acq: 22 Jun 2023 06:54

Tgt Ion: 59 Resp: 490
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

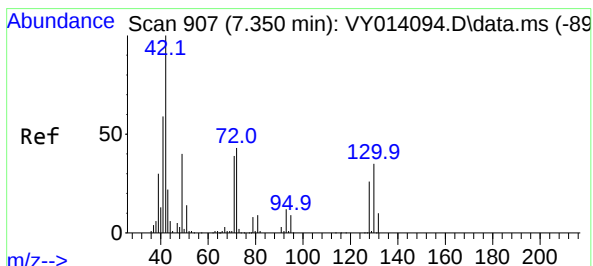
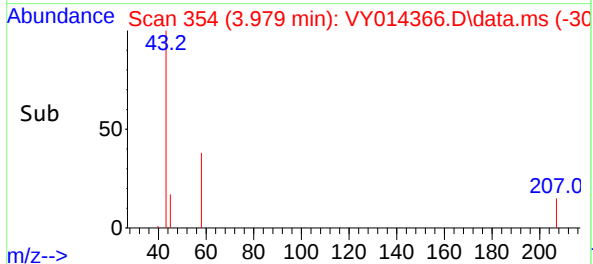
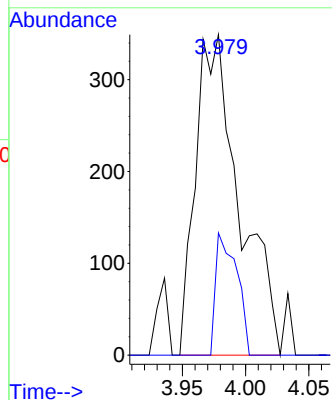
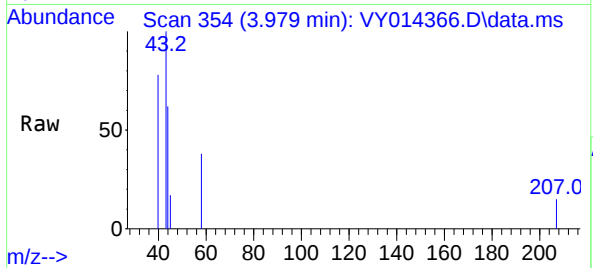




#16
Acetone
Concen: 1.135 ug/l
RT: 3.979 min Scan# 31
Delta R.T. 0.025 min
Lab File: VY014366.D
Acq: 22 Jun 2023 06:54

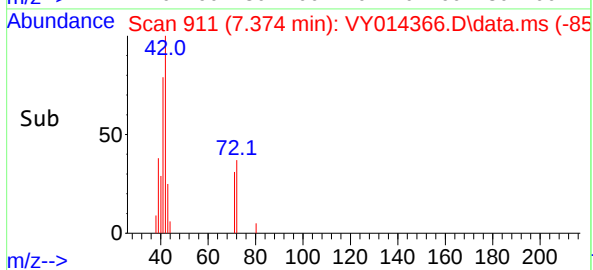
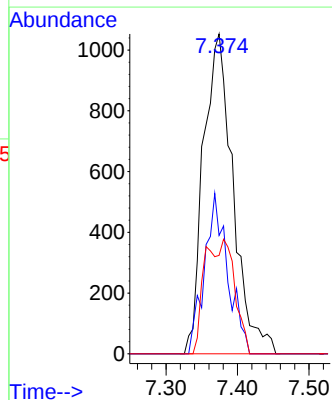
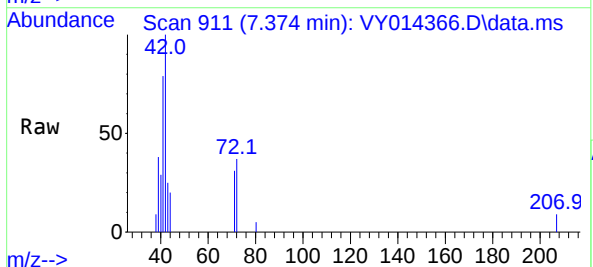
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-32-37-SB-37-GRAB-5

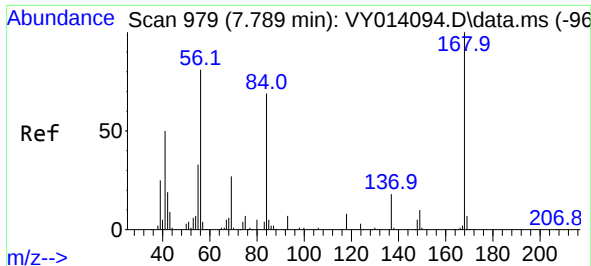
Tgt Ion: 43 Resp: 843
Ion Ratio Lower Upper
43 100
58 38.1 22.7 34.1#



#29
Tetrahydrofuran
Concen: 5.221 ug/l
RT: 7.374 min Scan# 911
Delta R.T. 0.024 min
Lab File: VY014366.D
Acq: 22 Jun 2023 06:54

Tgt Ion: 42 Resp: 3028
Ion Ratio Lower Upper
42 100
72 39.5 32.8 49.2
71 15.7 31.0 46.4#

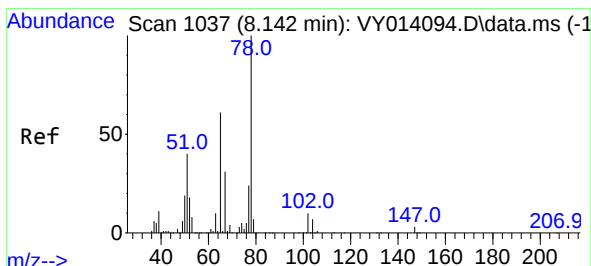
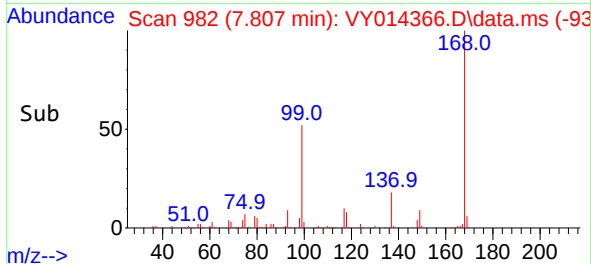
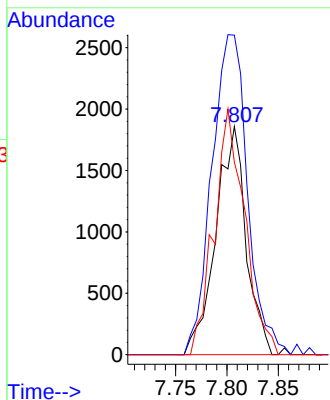
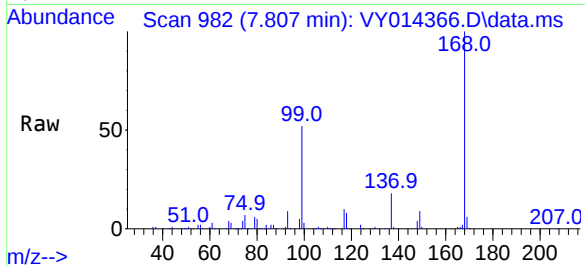




#31
Cyclohexane
Concen: 1.154 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY014366.D
Acq: 22 Jun 2023 06:54

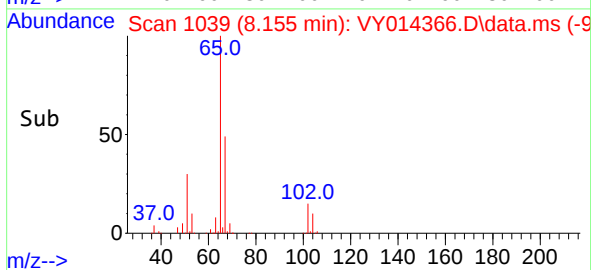
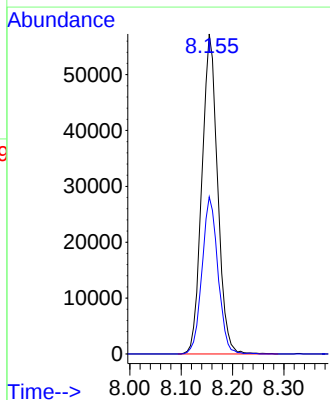
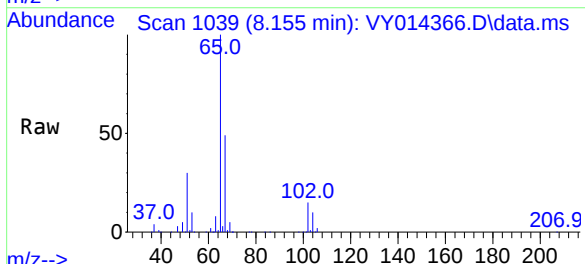
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-32-37-SB-37-GRAB-5

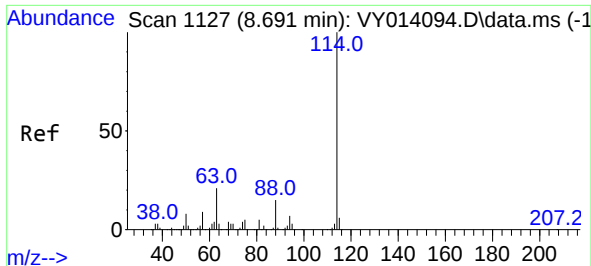
Tgt Ion: 56 Resp: 3812
Ion Ratio Lower Upper
56 100
69 140.0 27.8 41.6#
84 84.4 66.4 99.6



#33
1,2-Dichloroethane-d4
Concen: 49.329 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.013 min
Lab File: VY014366.D
Acq: 22 Jun 2023 06:54

Tgt Ion: 65 Resp: 121586
Ion Ratio Lower Upper
65 100
67 49.6 0.0 101.8

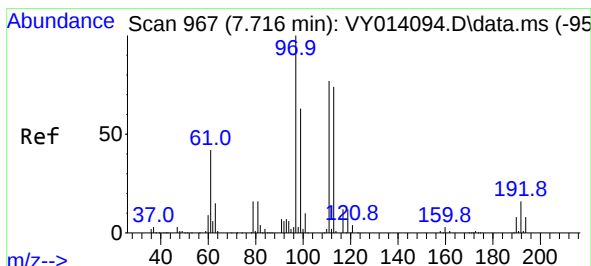
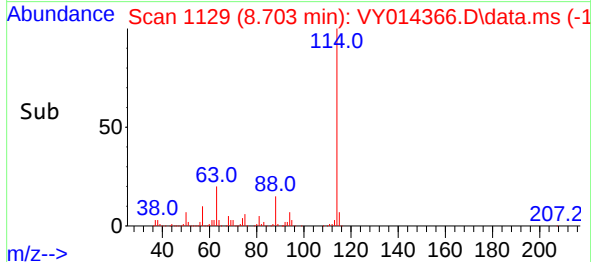
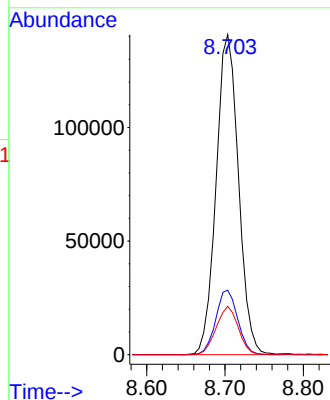
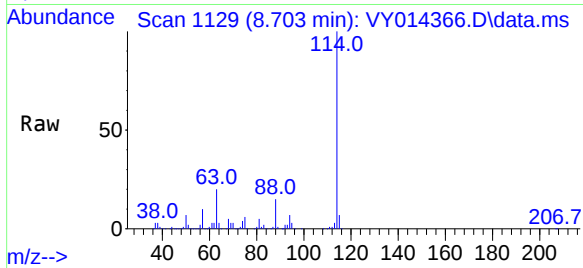




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1127
Delta R.T. 0.012 min
Lab File: VY014366.D
Acq: 22 Jun 2023 06:54

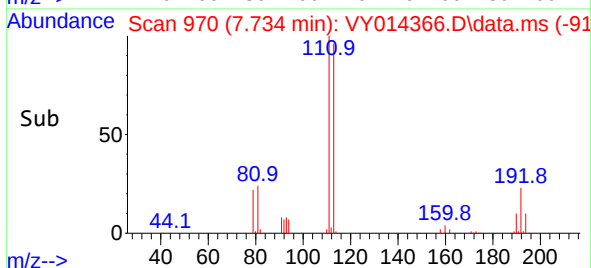
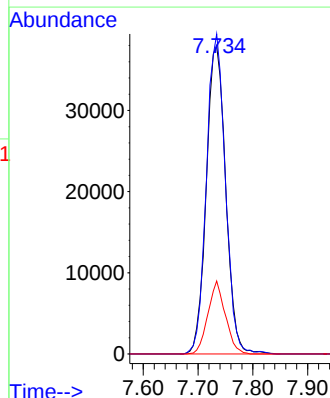
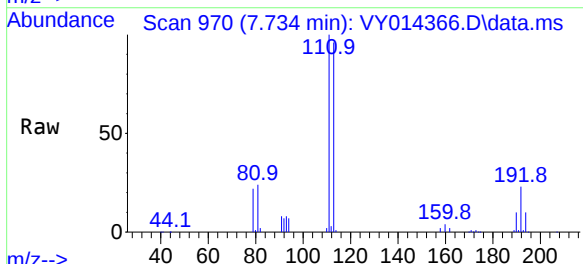
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-32-37-SB-37-GRAB-5

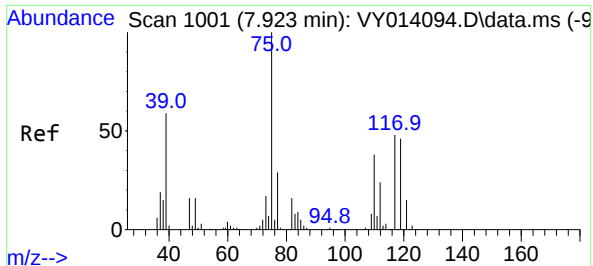
Tgt Ion:	114	Resp:	279875
Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	42.4
88	15.1	0.0	30.6



#35
Dibromofluoromethane
Concen: 46.898 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.018 min
Lab File: VY014366.D
Acq: 22 Jun 2023 06:54

Tgt Ion:	113	Resp:	93084
Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.3	121.9
192	21.3	16.9	25.3

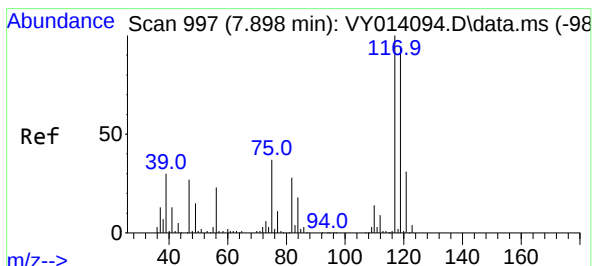
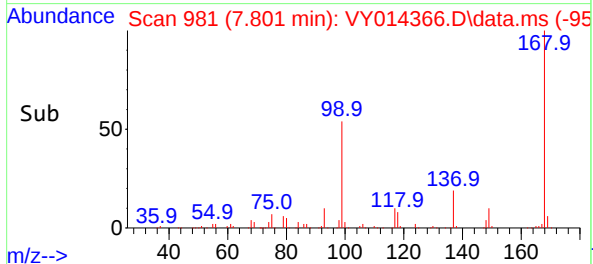
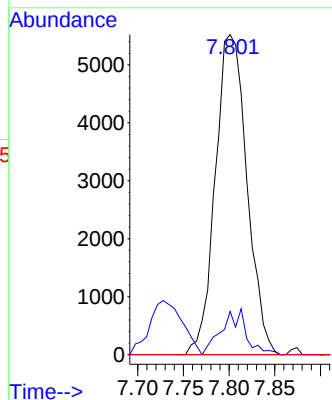
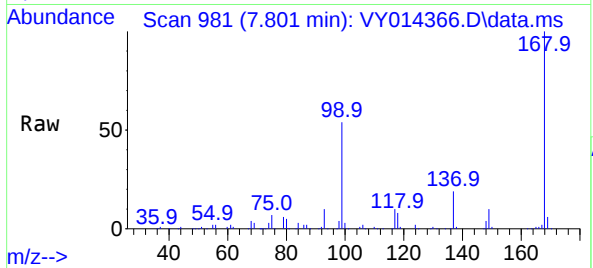




#36
1,1-Dichloropropene
Concen: 4.307 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY014366.D
Acq: 22 Jun 2023 06:54

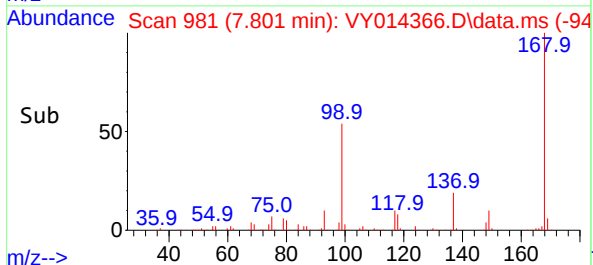
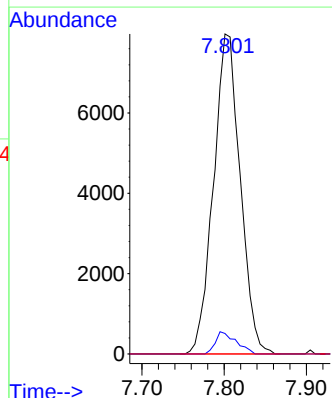
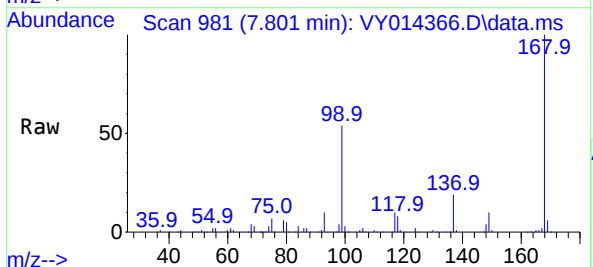
Instrument : MSVOA_Y
ClientSampleId : TOTAL-VOC-SB-32-37-SB-37-GRAB-5

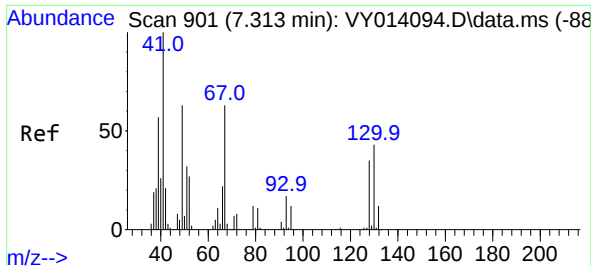
Tgt Ion: 75 Resp: 13327
Ion Ratio Lower Upper
75 100
110 11.0 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.034 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.097 min
Lab File: VY014366.D
Acq: 22 Jun 2023 06:54

Tgt Ion: 117 Resp: 17976
Ion Ratio Lower Upper
117 100
119 6.4 76.4 114.6#
121 0.0 25.8 38.6#

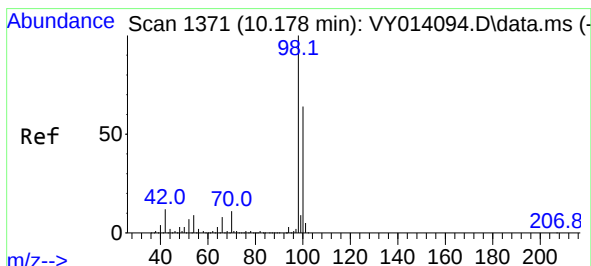
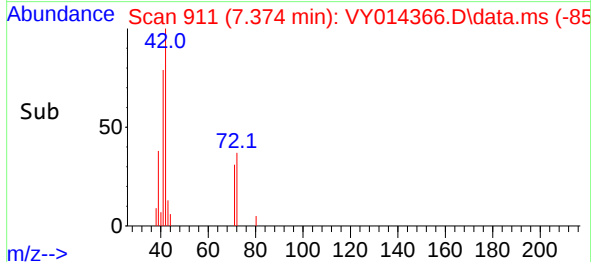
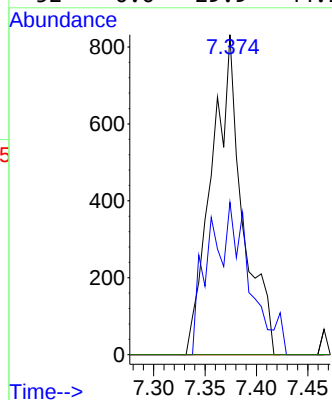
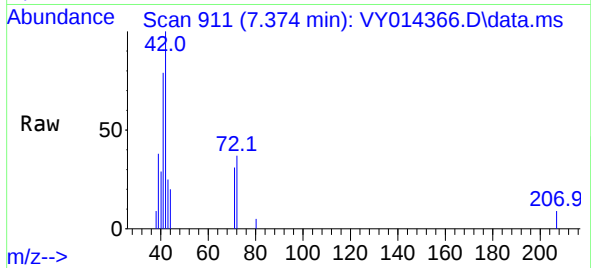




#41
Methacrylonitrile
Concen: 1.602 ug/l
RT: 7.374 min Scan# 911
Delta R.T. 0.061 min
Lab File: VY014366.D
Acq: 22 Jun 2023 06:54

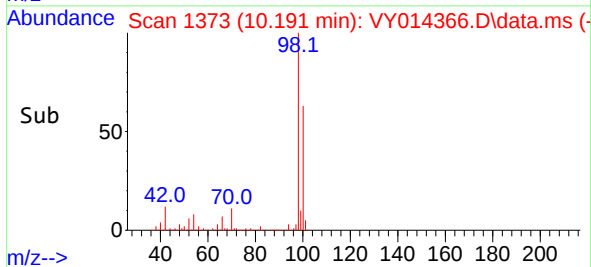
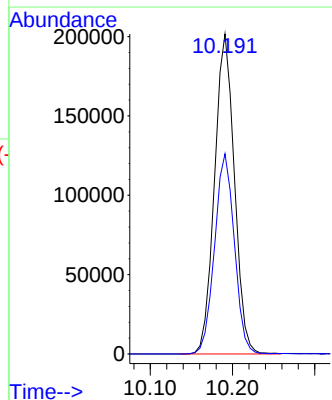
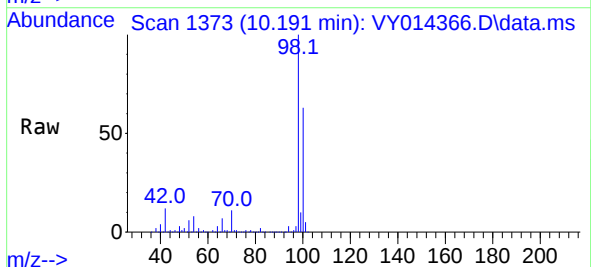
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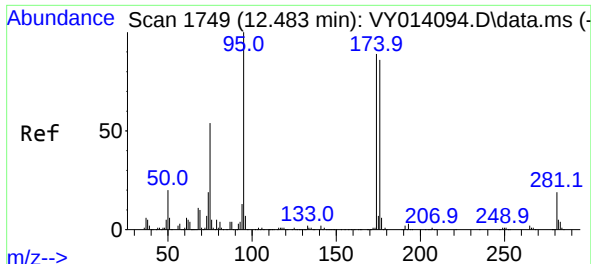
Tgt Ion: 41	Resp: 1746
Ion Ratio	Lower Upper
41 100	
39 35.4	52.1 78.1#
67 0.0	66.2 99.2#
52 0.0	29.9 44.9#



#50
Toluene-d8
Concen: 45.628 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.013 min
Lab File: VY014366.D
Acq: 22 Jun 2023 06:54

Tgt Ion: 98	Resp: 338575
Ion Ratio	Lower Upper
98 100	
100 62.4	50.1 75.1

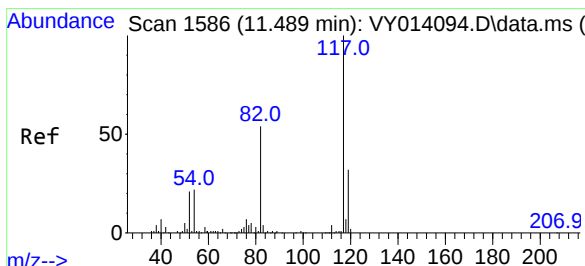
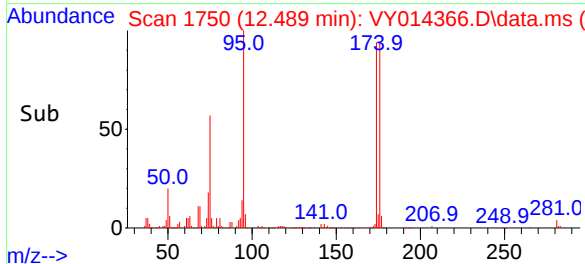
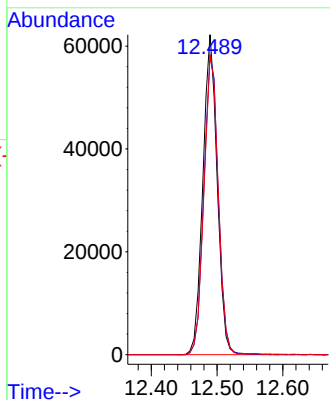
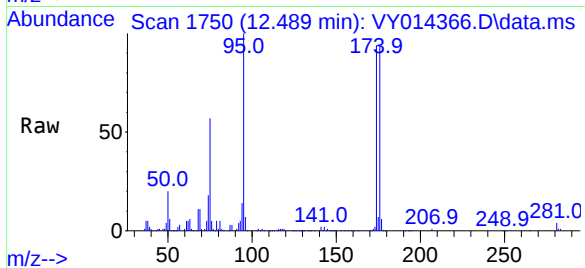




#62
4-Bromofluorobenzene
Concen: 35.740 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014366.D
Acq: 22 Jun 2023 06:54

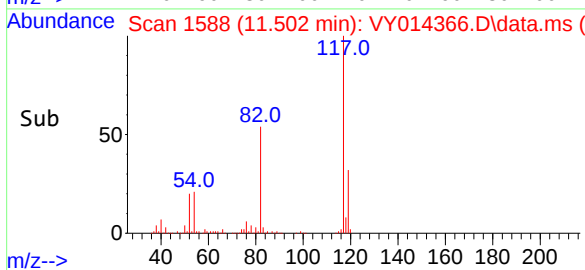
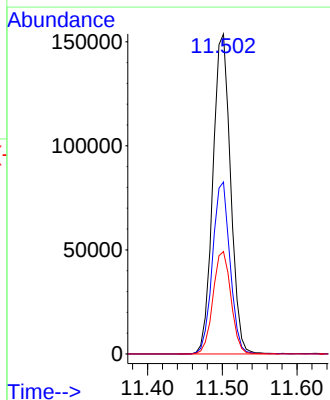
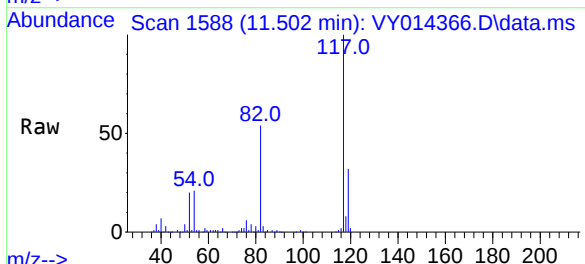
Instrument :
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TOTAL-VOC-SB-32-37-SB-37-GRAB-5

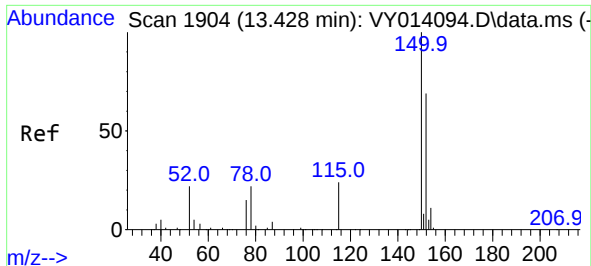
Tgt Ion:	95	Resp:	94210
Ion	Ratio	Lower	Upper
95	100		
174	94.4	0.0	178.2
176	93.4	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.013 min
Lab File: VY014366.D
Acq: 22 Jun 2023 06:54

Tgt Ion:	117	Resp:	253601
Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.4	65.0
119	32.0	26.3	39.5

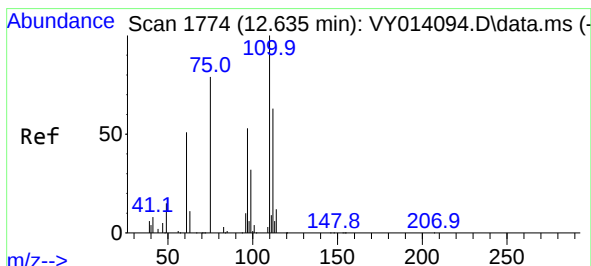
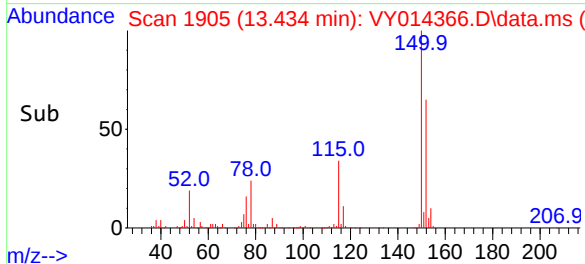
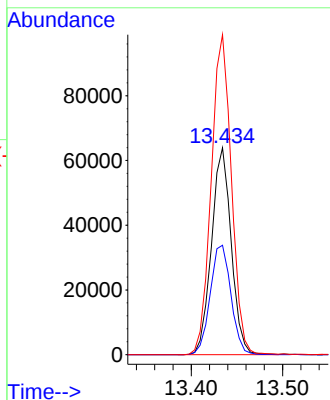
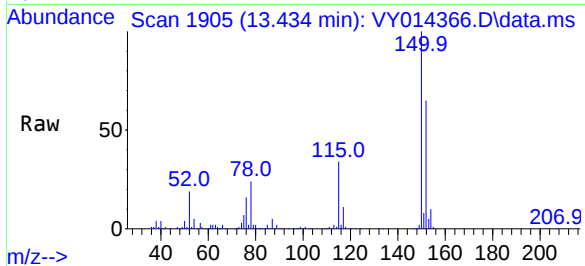




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY014366.D
Acq: 22 Jun 2023 06:54

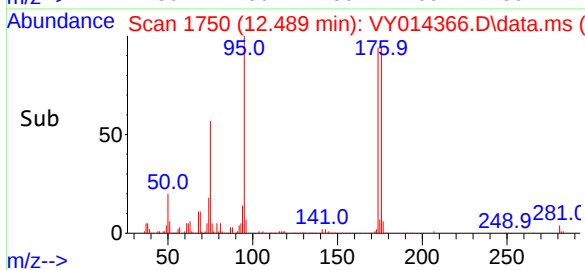
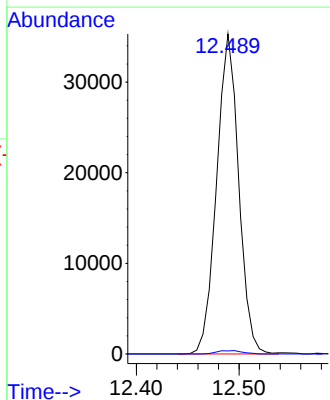
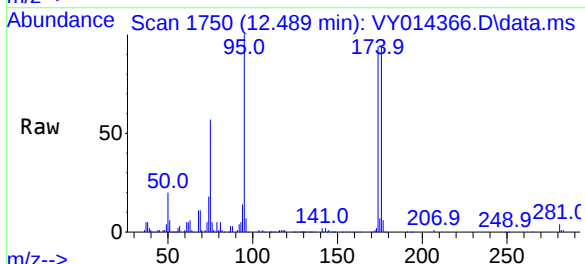
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-32-37-SB-37-GRAB-5

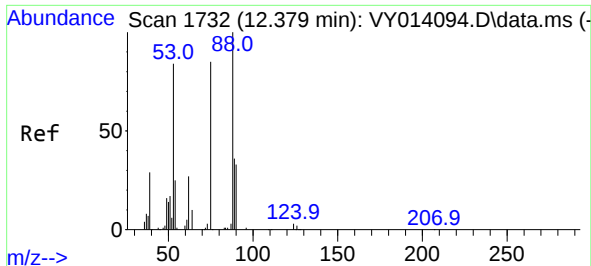
Tgt Ion:152 Resp: 95683
Ion Ratio Lower Upper
152 100
115 55.9 28.8 86.5
150 158.6 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 41.832 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY014366.D
Acq: 22 Jun 2023 06:54

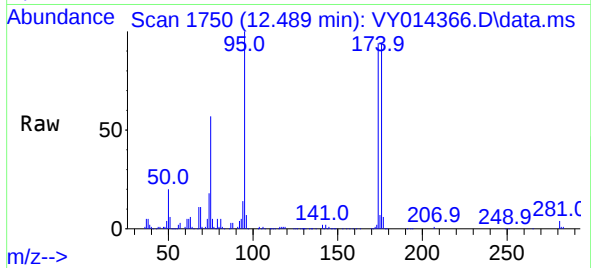
Tgt Ion: 75 Resp: 52513
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.424 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY014366.D
 Acq: 22 Jun 2023 06:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-32-37-SB-37-GRAB-5



Tgt Ion: 75 Resp: 52513
 Ion Ratio Lower Upper
 75 100
 53 0.3 77.8 116.8#
 89 0.0 37.4 56.0#

