

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
 Data File : VY014259.D
 Acq On : 20 Jun 2023 04:39
 Operator : KP/MD
 Sample : 03327-23
 Misc : 13.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-14-GRAB-6

Quant Time: Jun 20 05:48:50 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)

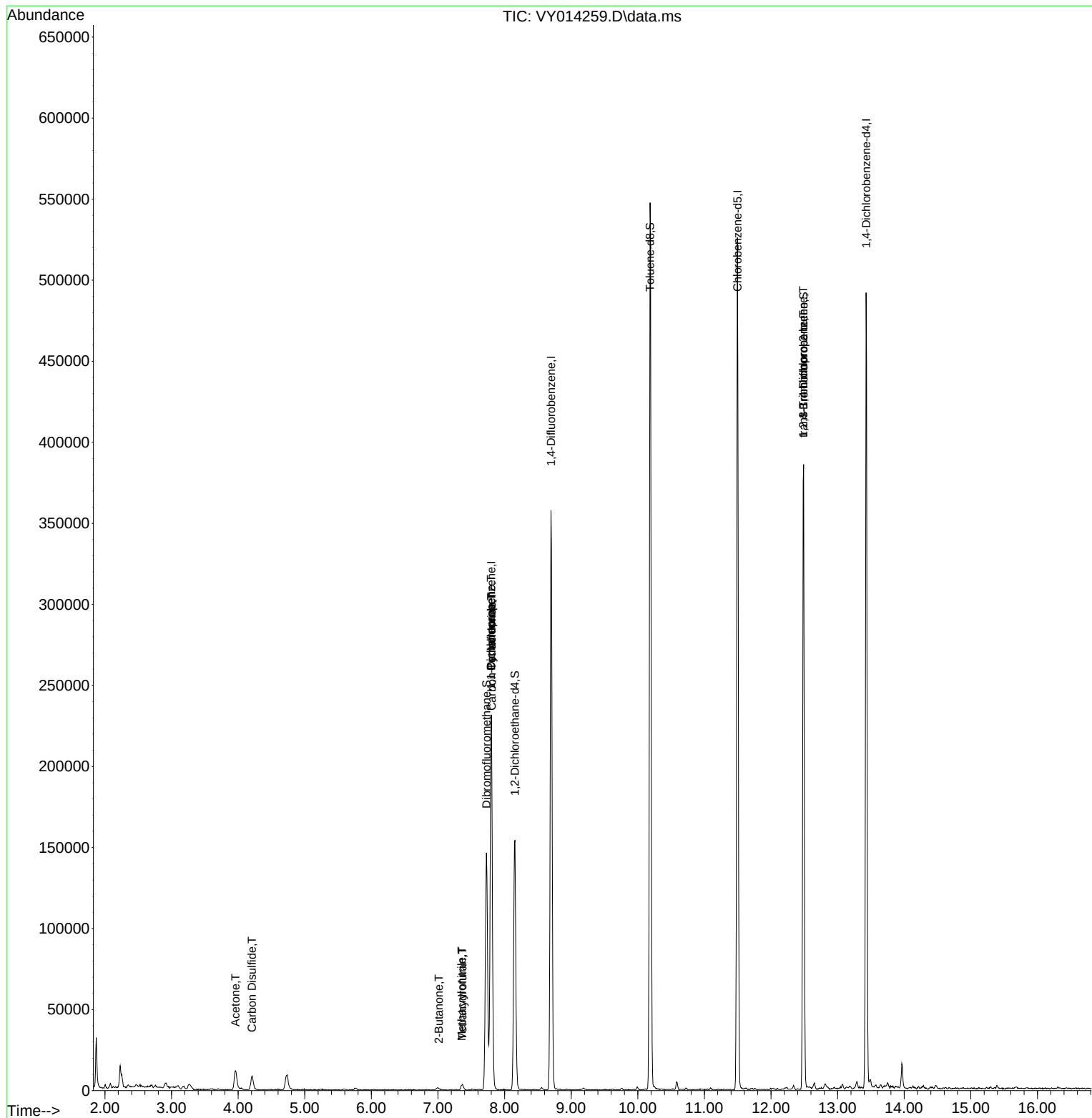
Internal Standards						
1) Pentafluorobenzene	7.801	168	181216	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	290011	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	272872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	123632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	129734	51.411	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.820%			
35) Dibromofluoromethane	7.728	113	98490	47.888	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.780%			
50) Toluene-d8	10.185	98	351650	45.733	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 91.460%			
62) 4-Bromofluorobenzene	12.489	95	109355	40.036	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 80.080%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	194	Below Cal	#	89
16) Acetone	3.960	43	21759	28.606	ug/l	92
17) Carbon Disulfide	4.204	76	15727	2.346	ug/l #	94
20) Methylene Chloride	4.735	84	6767	Below Cal	#	82
25) 2-Butanone	7.015	43	990	1.057	ug/l #	49
29) Tetrahydrofuran	7.368	42	2473	4.165	ug/l	92
31) Cyclohexane	7.801	56	4529	1.340	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	13549	4.226	ug/l #	49
38) Carbon Tetrachloride	7.807	117	17714	4.787	ug/l #	17
41) Methacrylonitrile	7.356	41	1710	1.514	ug/l #	45
76) 1,2,3-Trichloropropane	12.483	75	60034	37.012	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	60034	80.005	ug/l #	11

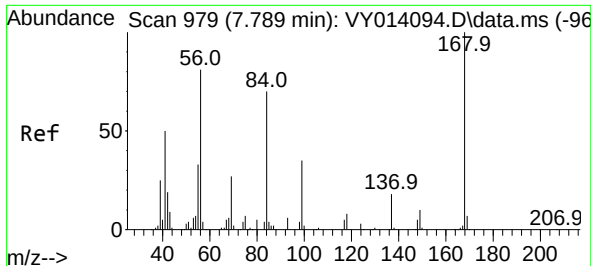
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
Data File : VY014259.D
Acq On : 20 Jun 2023 04:39
Operator : KP/MD
Sample : 03327-23
Misc : 13.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-14-GRAB-6

Quant Time: Jun 20 05:48:50 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

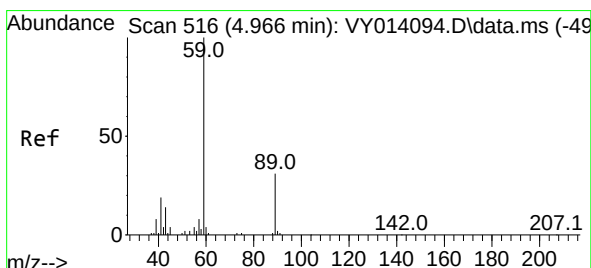
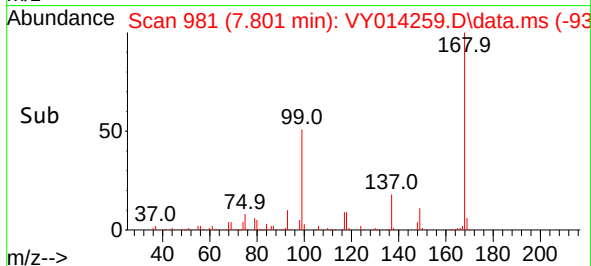
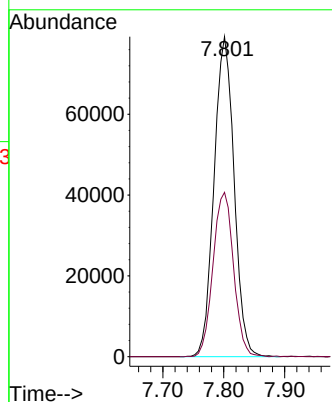
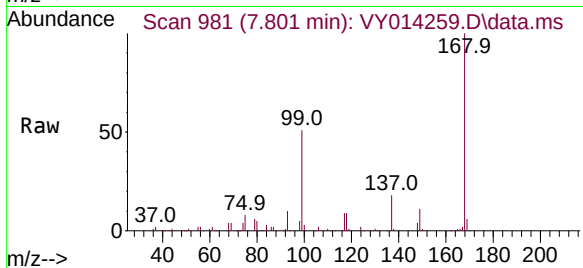




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014259.D
Acq: 20 Jun 2023 04:39

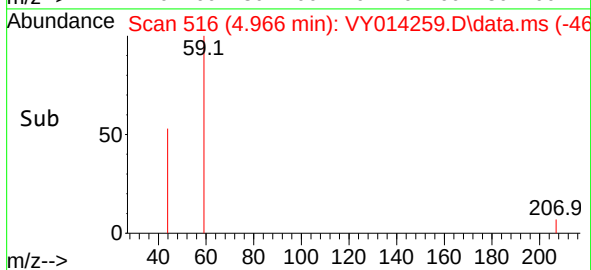
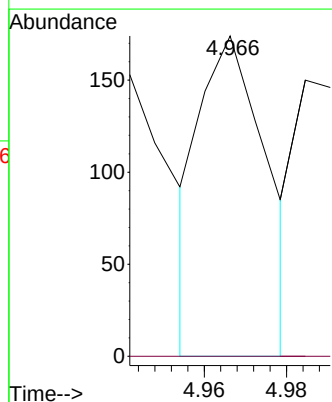
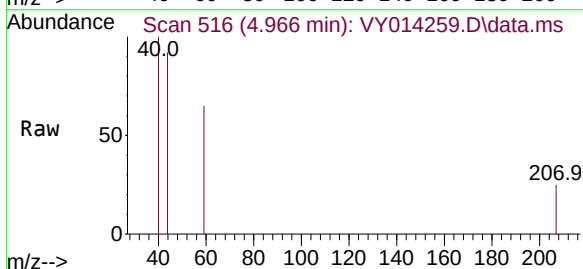
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-14-GRAB-6

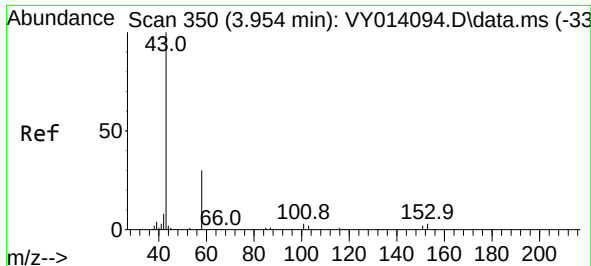
Tgt Ion:168 Resp: 181216
Ion Ratio Lower Upper
168 100
99 51.3 43.4 65.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY014259.D
Acq: 20 Jun 2023 04:39

Tgt Ion: 59 Resp: 194
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#





#16

Acetone

Concen: 28.606 ug/l

RT: 3.960 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY014259.D

Acq: 20 Jun 2023 04:39

Instrument :

MSVOA_Y

ClientSampleId :

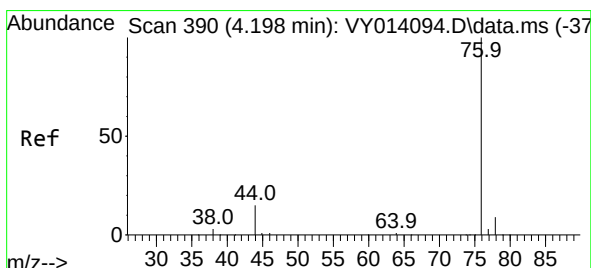
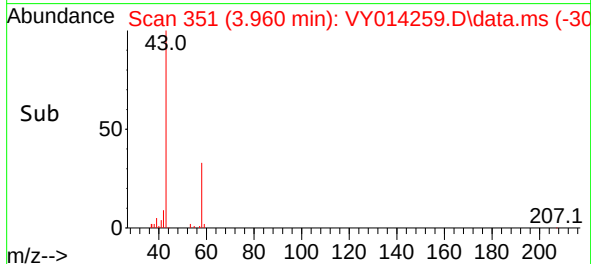
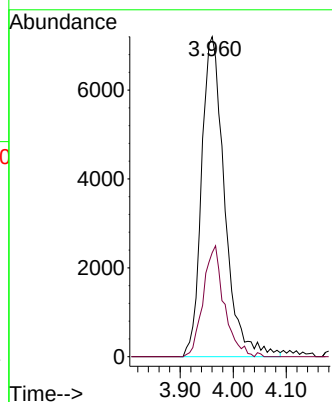
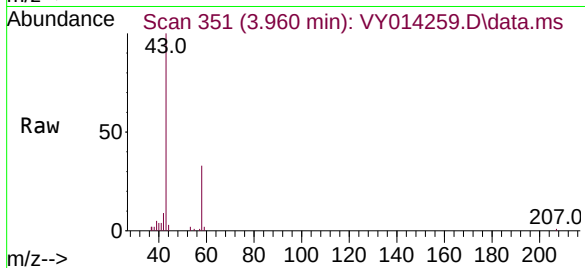
TOTAL-VOC-SB-14-GRAB-6

Tgt Ion: 43 Resp: 21759

Ion Ratio Lower Upper

43 100

58 32.5 22.7 34.1



#17

Carbon Disulfide

Concen: 2.346 ug/l

RT: 4.204 min Scan# 391

Delta R.T. 0.006 min

Lab File: VY014259.D

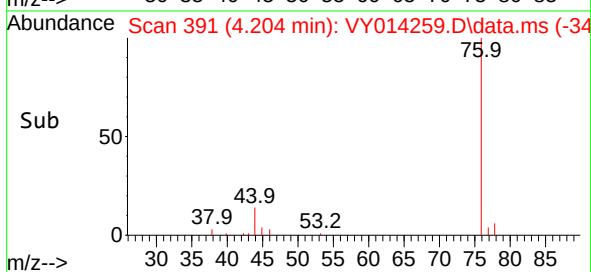
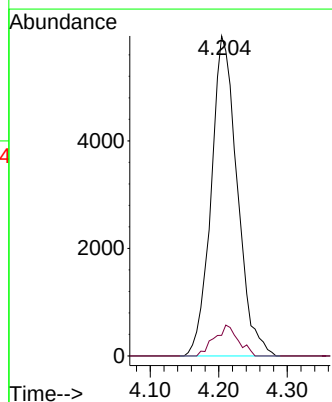
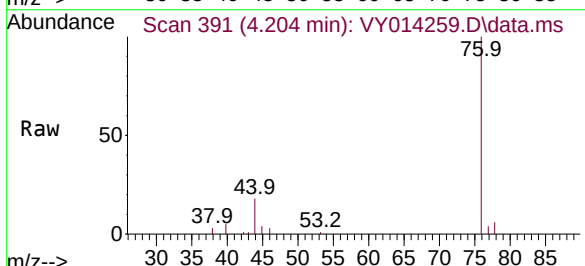
Acq: 20 Jun 2023 04:39

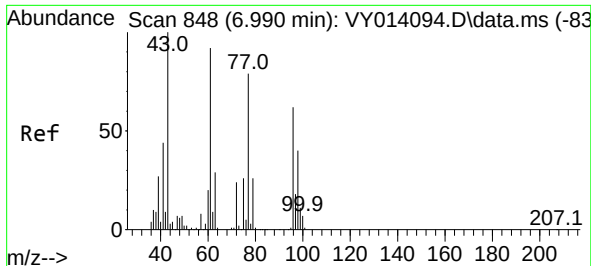
Tgt Ion: 76 Resp: 15727

Ion Ratio Lower Upper

76 100

78 6.5 7.0 10.4#

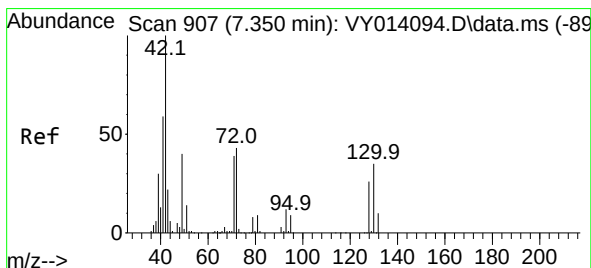
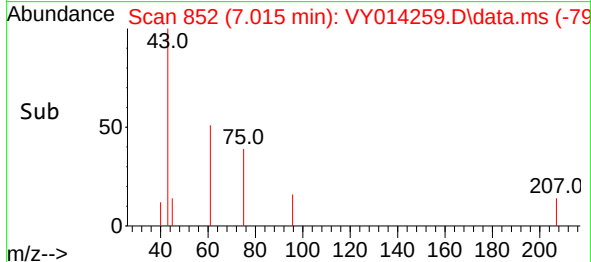
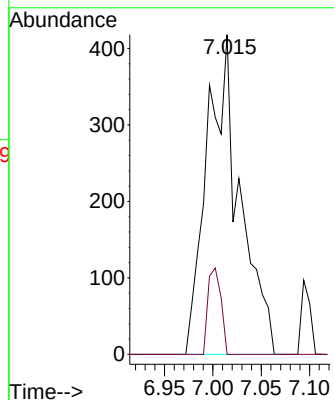
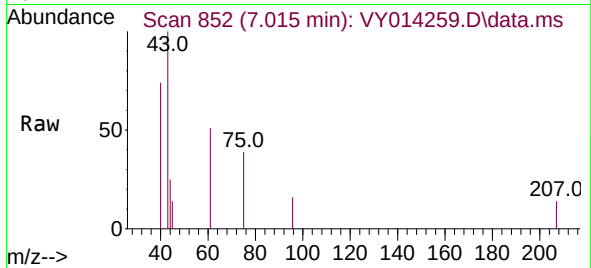




#25
2-Butanone
Concen: 1.057 ug/l
RT: 7.015 min Scan# 81
Delta R.T. 0.025 min
Lab File: VY014259.D
Acq: 20 Jun 2023 04:39

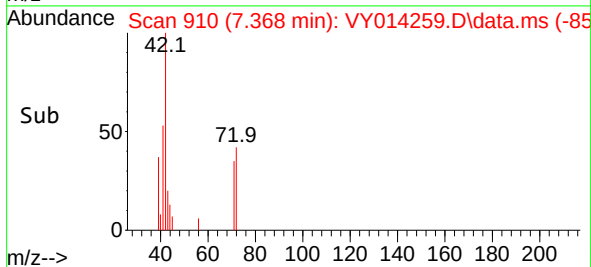
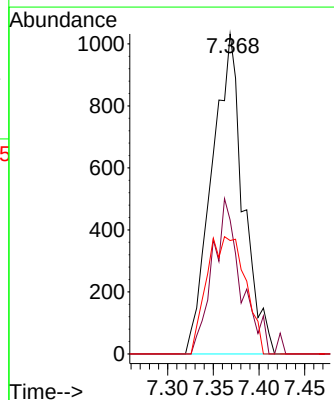
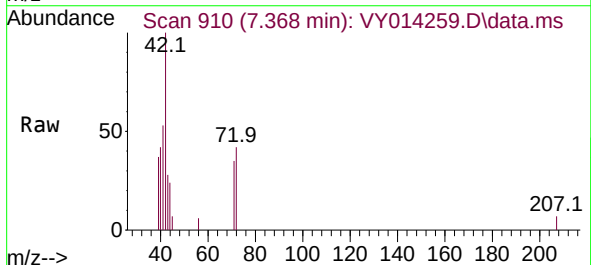
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-14-GRAB-6

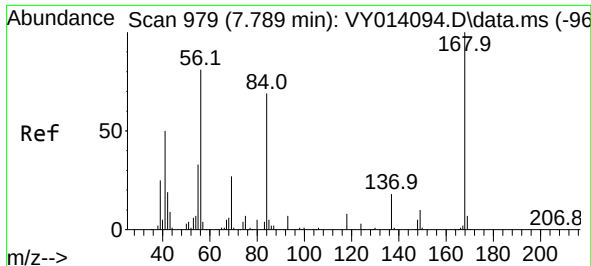
Tgt Ion: 43 Resp: 990
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#



#29
Tetrahydrofuran
Concen: 4.165 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.018 min
Lab File: VY014259.D
Acq: 20 Jun 2023 04:39

Tgt Ion: 42 Resp: 2473
Ion Ratio Lower Upper
42 100
72 43.8 32.8 49.2
71 45.4 31.0 46.4

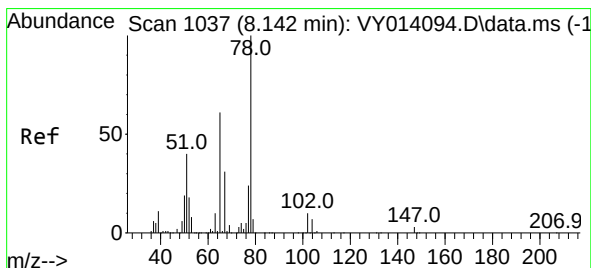
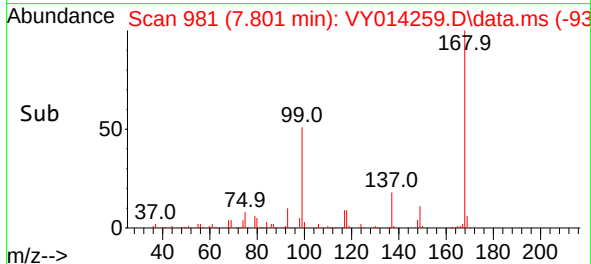
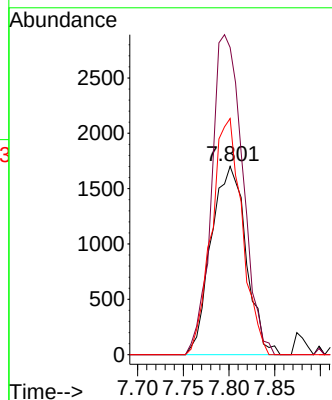
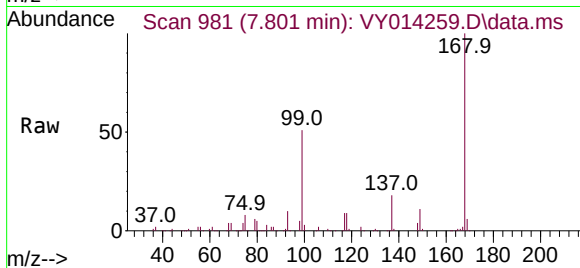




#31
Cyclohexane
Concen: 1.340 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014259.D
Acq: 20 Jun 2023 04:39

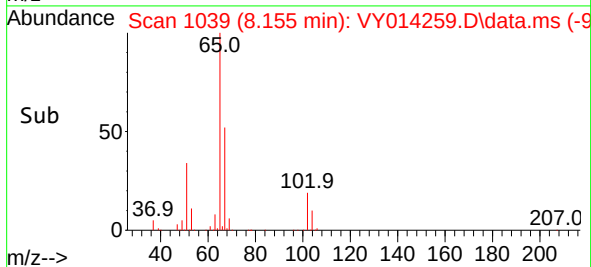
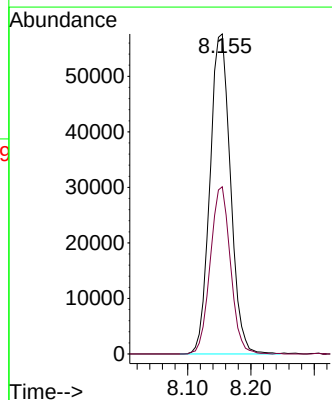
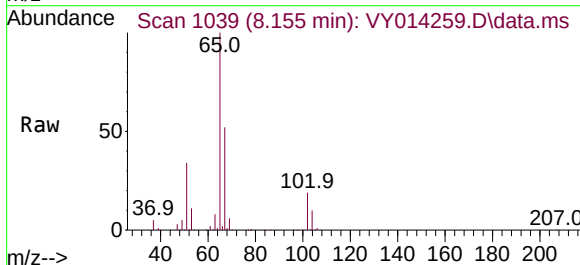
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-14-GRAB-6

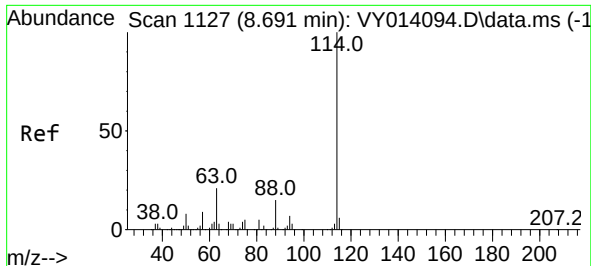
Tgt Ion: 56 Resp: 4529
Ion Ratio Lower Upper
56 100
69 163.0 27.8 41.6#
84 125.4 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 51.411 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.013 min
Lab File: VY014259.D
Acq: 20 Jun 2023 04:39

Tgt Ion: 65 Resp: 129734
Ion Ratio Lower Upper
65 100
67 51.4 0.0 101.8

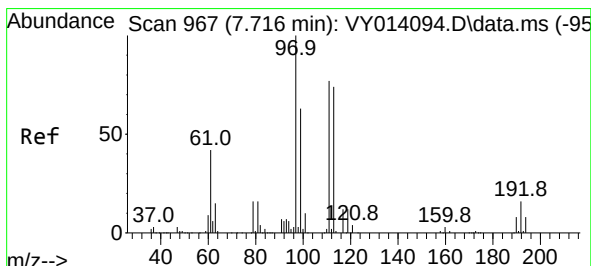
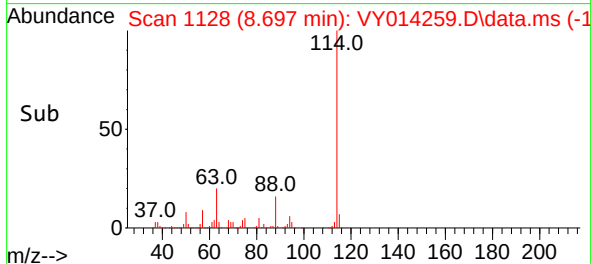
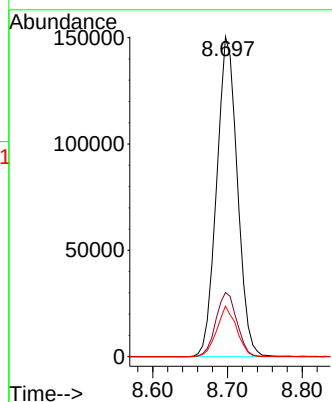
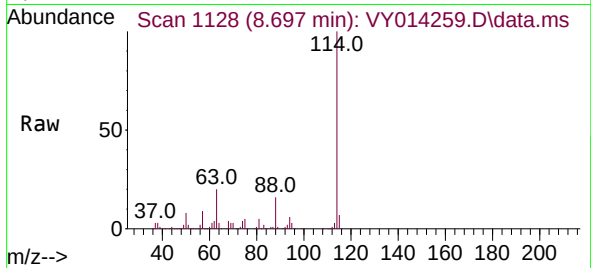




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY014259.D
Acq: 20 Jun 2023 04:39

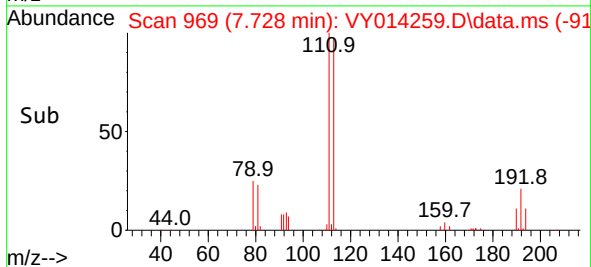
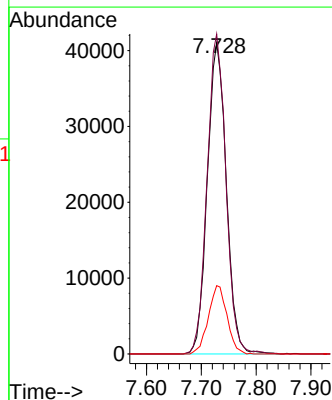
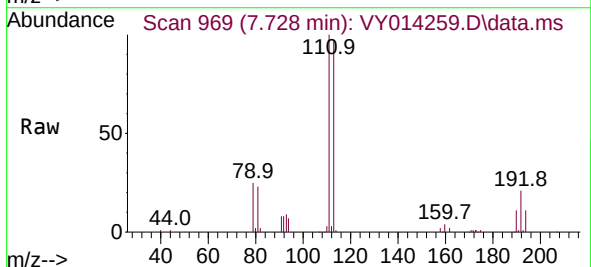
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-14-GRAB-6

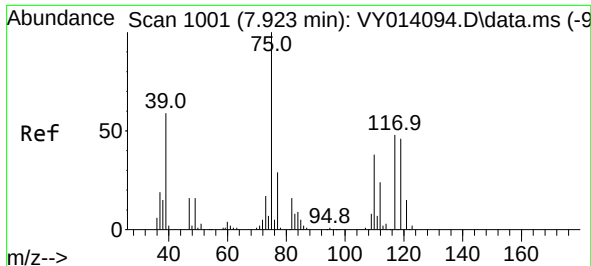
Tgt Ion:114	Resp:	290011
Ion Ratio	Lower	Upper
114	100	
63	20.1	0.0 42.4
88	15.8	0.0 30.6



#35
Dibromofluoromethane
Concen: 47.888 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY014259.D
Acq: 20 Jun 2023 04:39

Tgt Ion:113	Resp:	98490
Ion Ratio	Lower	Upper
113	100	
111	102.1	81.3 121.9
192	21.6	16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.226 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY014259.D

Acq: 20 Jun 2023 04:39

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SB-14-GRAB-6

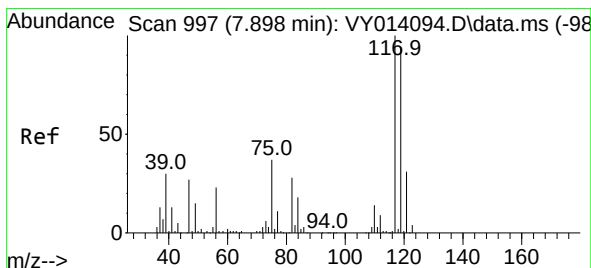
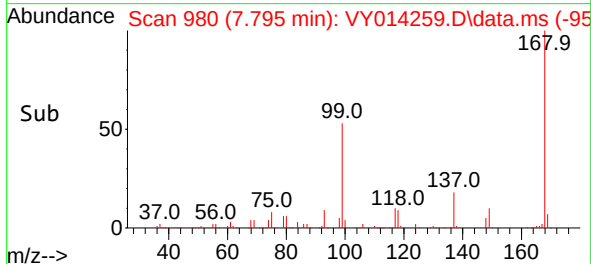
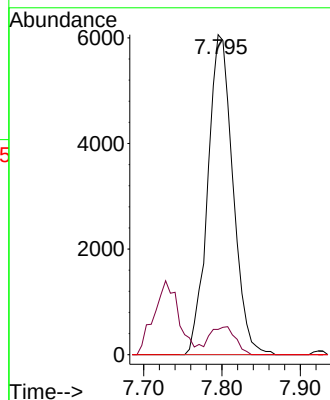
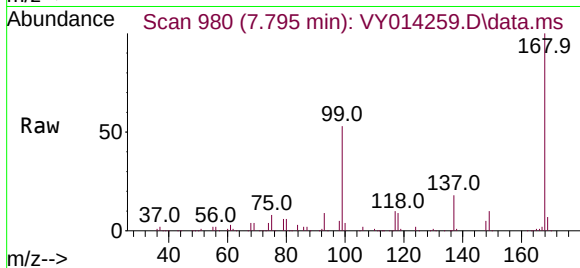
Tgt Ion: 75 Resp: 13549

Ion Ratio Lower Upper

75 100

110 8.6 17.8 53.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 4.787 ug/l

RT: 7.807 min Scan# 982

Delta R.T. -0.091 min

Lab File: VY014259.D

Acq: 20 Jun 2023 04:39

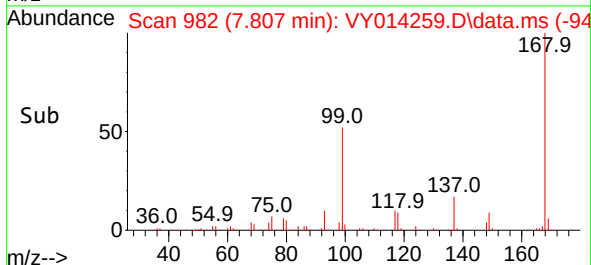
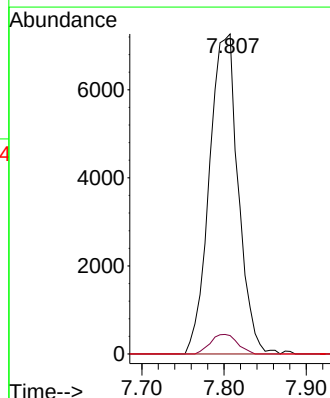
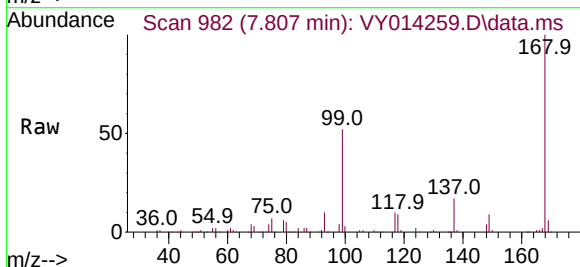
Tgt Ion:117 Resp: 17714

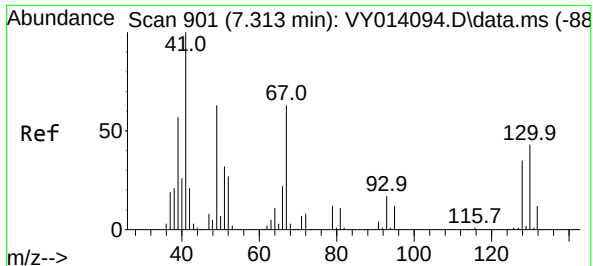
Ion Ratio Lower Upper

117 100

119 5.8 76.4 114.6#

121 0.0 25.8 38.6#

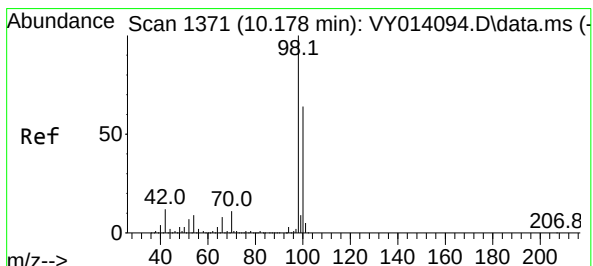
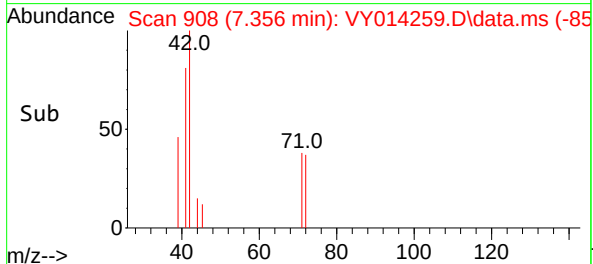
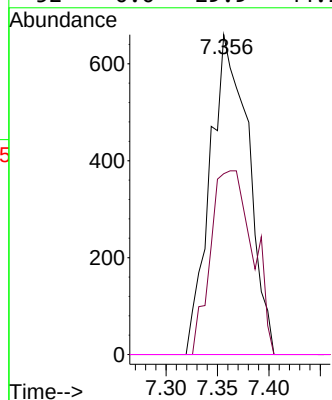
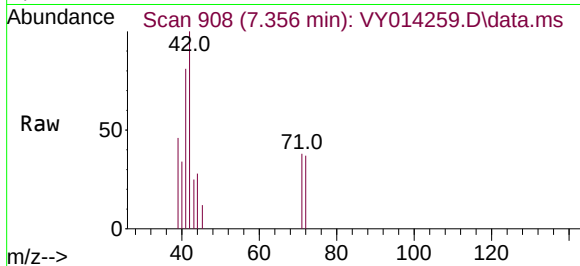




#41
Methacrylonitrile
Concen: 1.514 ug/l
RT: 7.356 min Scan# 901
Delta R.T. 0.043 min
Lab File: VY014259.D
Acq: 20 Jun 2023 04:39

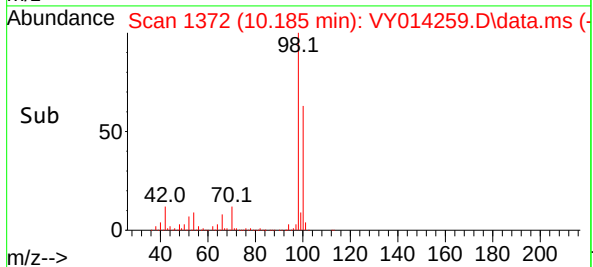
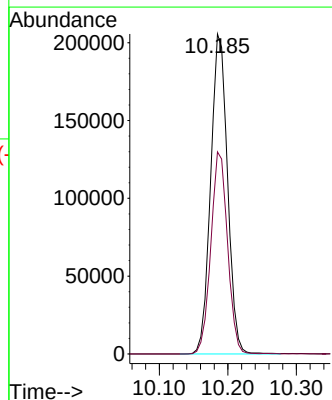
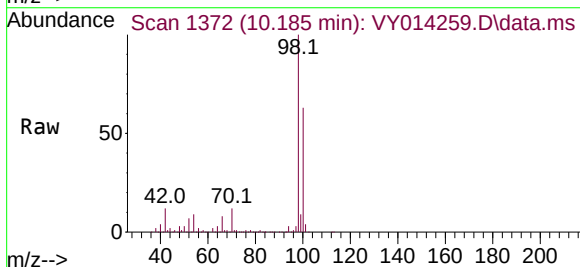
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-14-GRAB-6

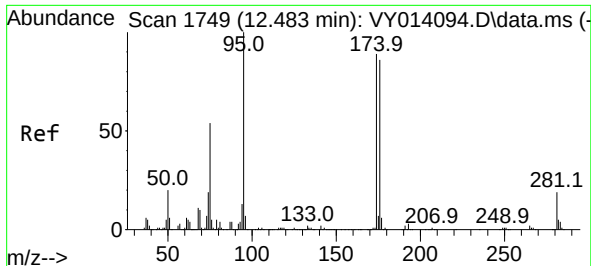
Tgt Ion: 41	Resp: 1710
Ion Ratio	Lower Upper
41 100	
39 63.1	52.1 78.1
67 0.0	66.2 99.2#
52 0.0	29.9 44.9#



#50
Toluene-d8
Concen: 45.733 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.007 min
Lab File: VY014259.D
Acq: 20 Jun 2023 04:39

Tgt Ion: 98	Resp: 351650
Ion Ratio	Lower Upper
98 100	
100 62.8	50.1 75.1

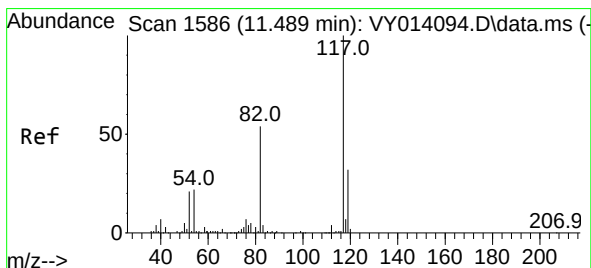
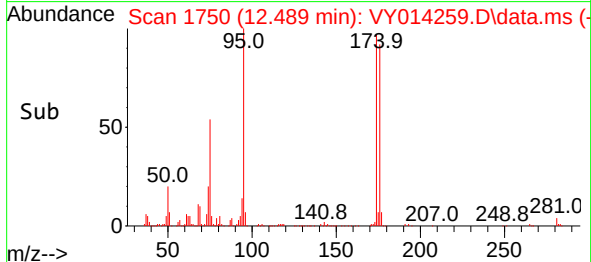
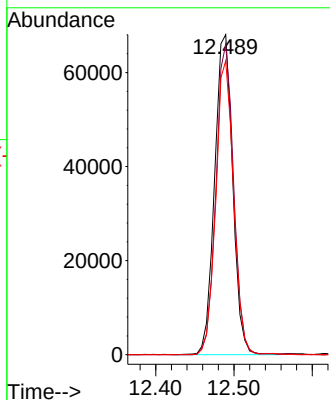
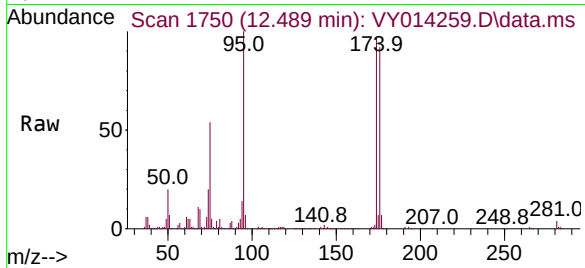




#62
4-Bromofluorobenzene
Concen: 40.036 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY014259.D
Acq: 20 Jun 2023 04:39

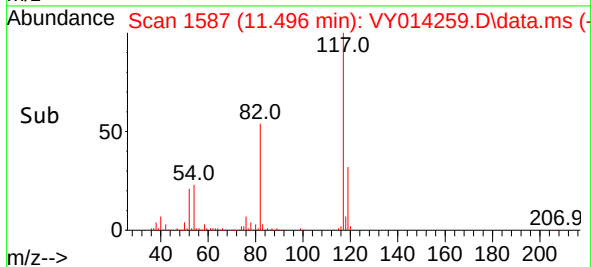
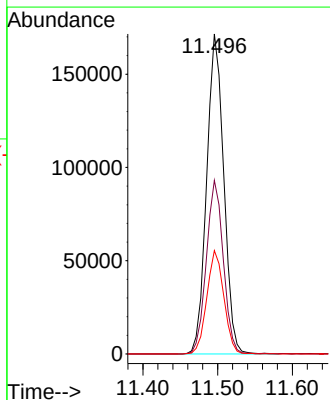
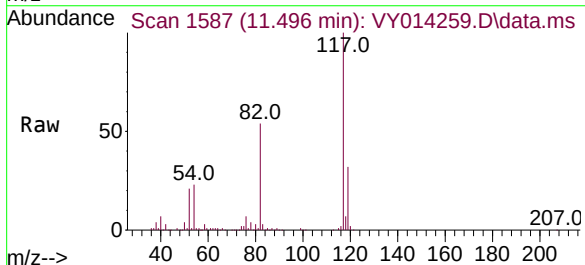
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-14-GRAB-6

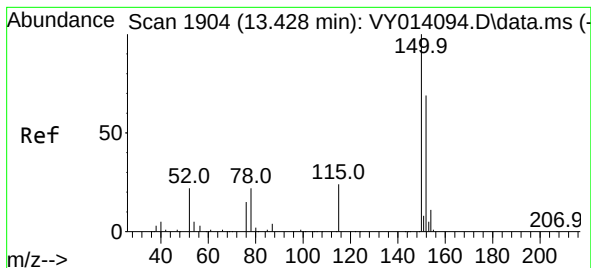
Tgt Ion: 95 Resp: 109355
Ion Ratio Lower Upper
95 100
174 94.8 0.0 178.2
176 89.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY014259.D
Acq: 20 Jun 2023 04:39

Tgt Ion: 117 Resp: 272872
Ion Ratio Lower Upper
117 100
82 54.3 43.4 65.0
119 32.3 26.3 39.5

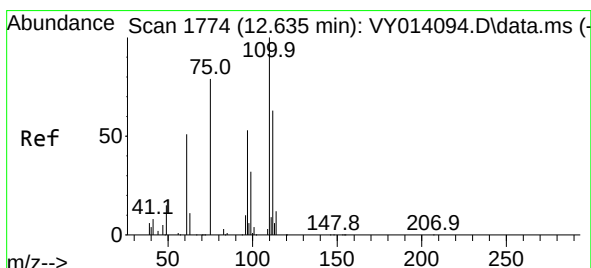
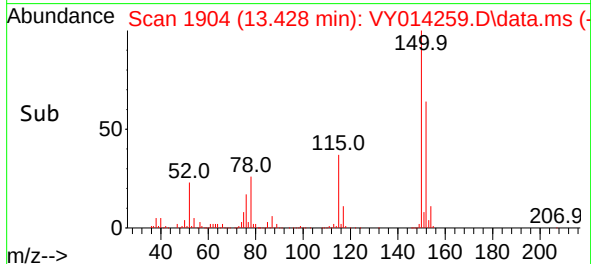
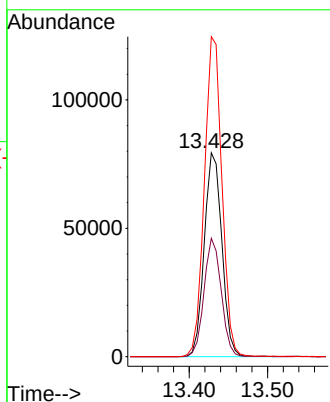
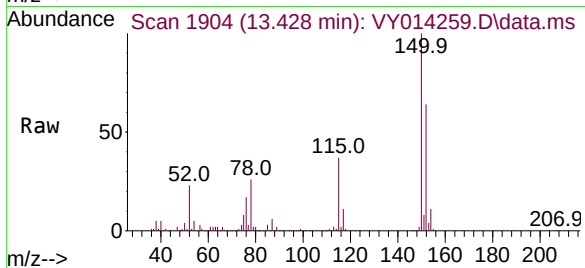




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY014259.D
 Acq: 20 Jun 2023 04:39

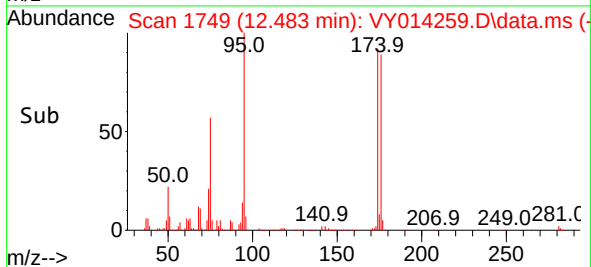
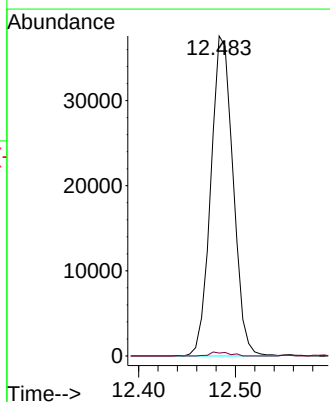
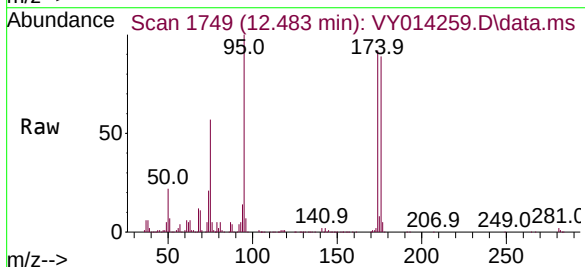
Instrument : MSVOA_Y
 ClientSampleId : TOTAL-VOC-SB-14-GRAB-6

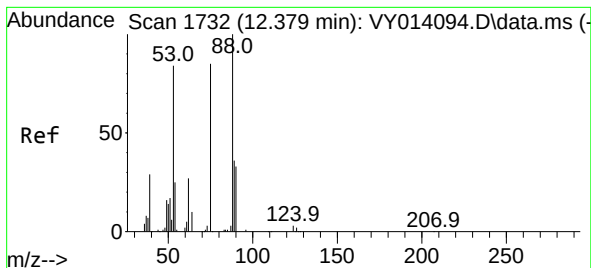
Tgt Ion:152 Resp: 123632
 Ion Ratio Lower Upper
 152 100
 115 56.7 28.8 86.5
 150 156.5 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 37.012 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY014259.D
 Acq: 20 Jun 2023 04:39

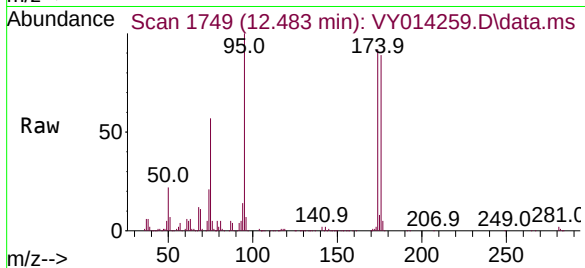
Tgt Ion: 75 Resp: 60034
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.005 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014259.D
 Acq: 20 Jun 2023 04:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-14-GRAB-6



Tgt Ion: 75 Resp: 60034
 Ion Ratio Lower Upper
 75 100
 53 0.2 77.8 116.8#
 89 0.2 37.4 56.0#

