

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062223\
 Data File : VY014382.D
 Acq On : 22 Jun 2023 16:25
 Operator : KP/MD
 Sample : 03298-12
 Misc : 8.35g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-TW-05-GRAB-7

Quant Time: Jun 22 17:26:04 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)

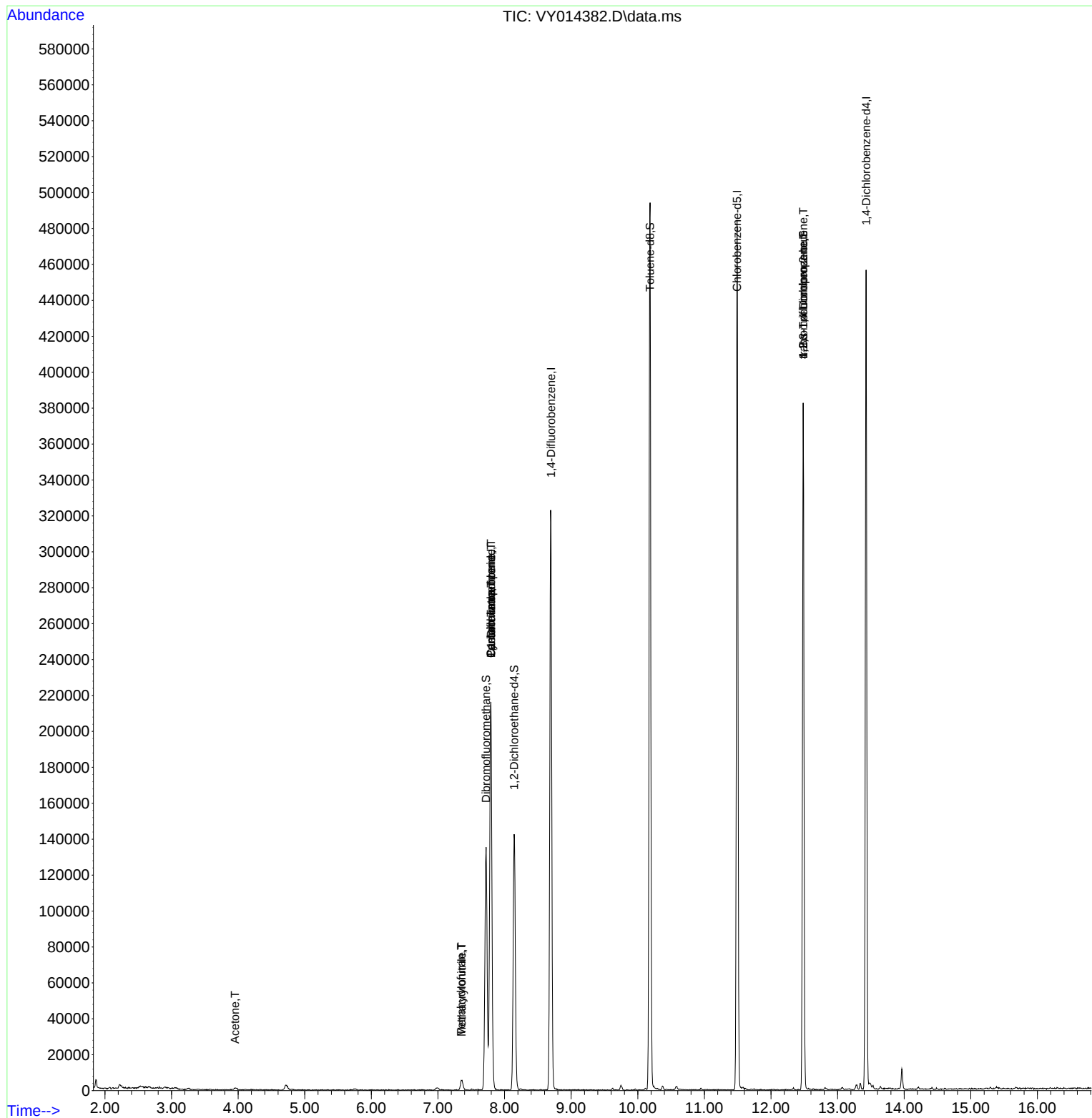
Internal Standards						
1) Pentafluorobenzene	7.795	168	173695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	276193	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	258659	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	118518	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	125782	52.003	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.000%	
35) Dibromofluoromethane	7.722	113	89386	45.635	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 91.280%	
50) Toluene-d8	10.185	98	327980	44.789	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 89.580%	
62) 4-Bromofluorobenzene	12.483	95	103484	39.782	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 79.560%	
Target Compounds						
11) Tert butyl alcohol	4.972	59	293	Below Cal	#	89
16) Acetone	3.954	43	2372	3.253	ug/l	91
20) Methylene Chloride	4.729	84	2165	Below Cal	#	65
29) Tetrahydrofuran	7.350	42	4052	7.120	ug/l	# 87
31) Cyclohexane	7.795	56	3902	1.204	ug/l	# 54
36) 1,1-Dichloropropene	7.795	75	12621	4.133	ug/l	# 50
38) Carbon Tetrachloride	7.795	117	17318	4.915	ug/l	# 17
41) Methacrylonitrile	7.356	41	2716	2.526	ug/l	# 40
76) 1,2,3-Trichloropropane	12.483	75	58477	37.608	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	58477	81.293	ug/l	# 11

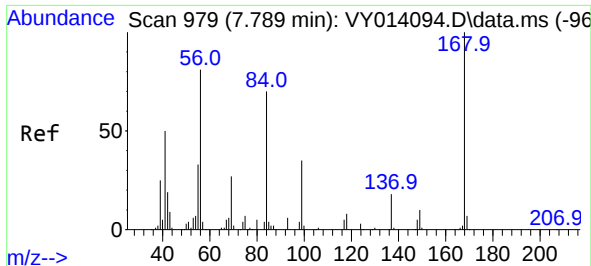
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062223\
Data File : VY014382.D
Acq On : 22 Jun 2023 16:25
Operator : KP/MD
Sample : 03298-12
Misc : 8.35g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TW-05-GRAB-7

Quant Time: Jun 22 17:26:04 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

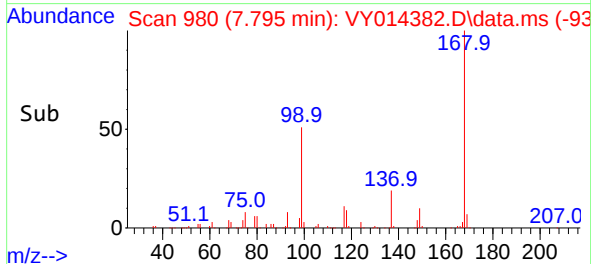
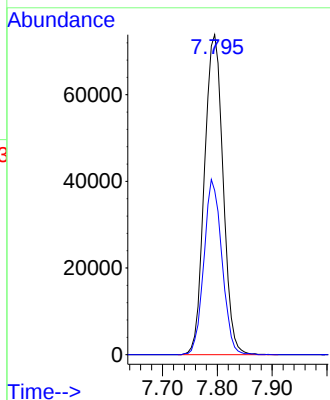
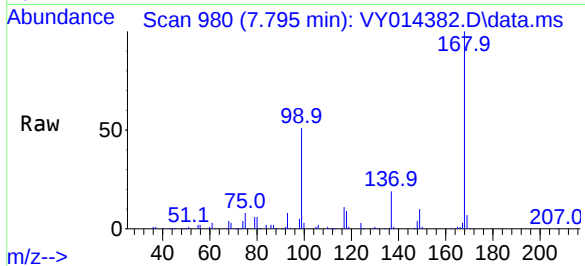




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014382.D
Acq: 22 Jun 2023 16:25

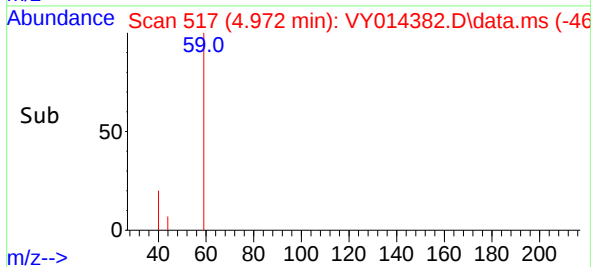
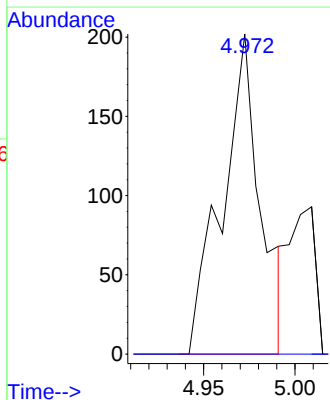
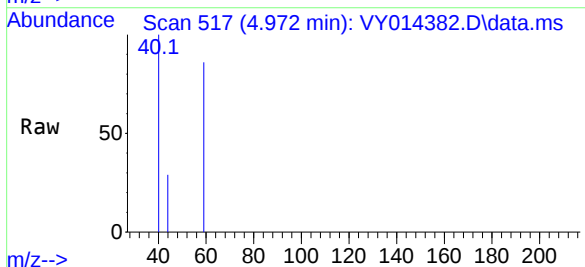
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TW-05-GRAB-7

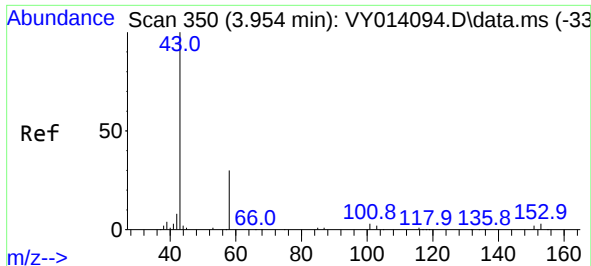
Tgt Ion:168 Resp: 173695
Ion Ratio Lower Upper
168 100
99 51.3 43.4 65.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.972 min Scan# 517
Delta R.T. 0.006 min
Lab File: VY014382.D
Acq: 22 Jun 2023 16:25

Tgt Ion: 59 Resp: 293
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

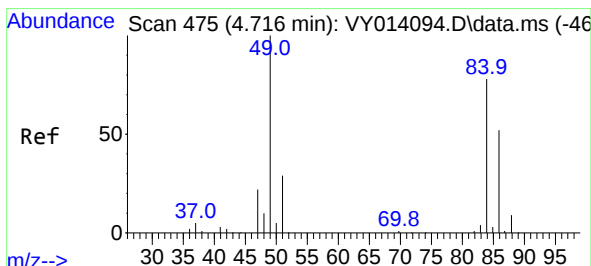
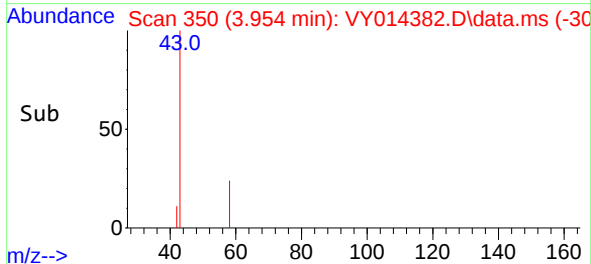
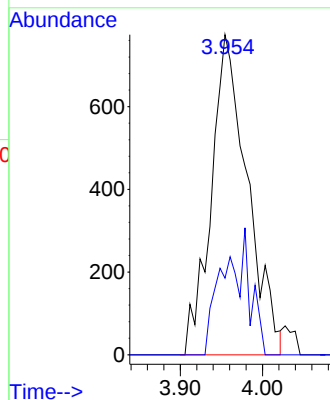
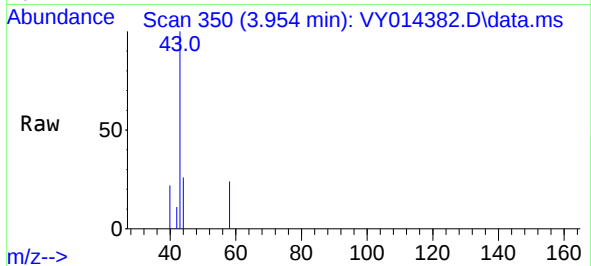




#16
Acetone
Concen: 3.253 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY014382.D
Acq: 22 Jun 2023 16:25

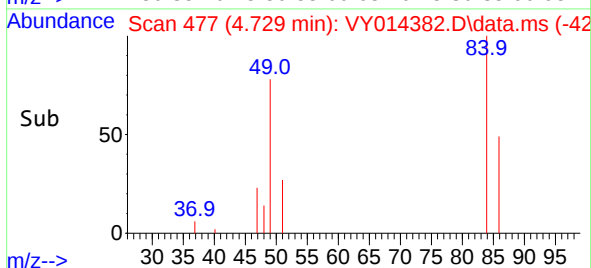
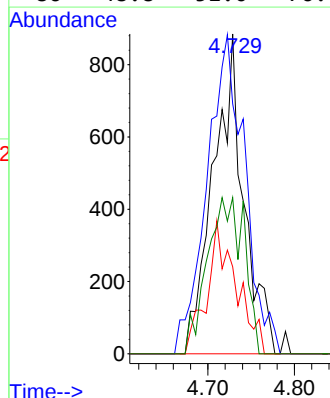
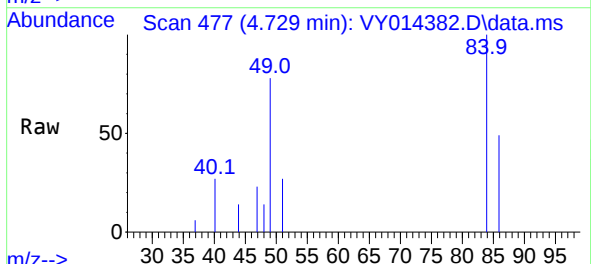
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TW-05-GRAB-7

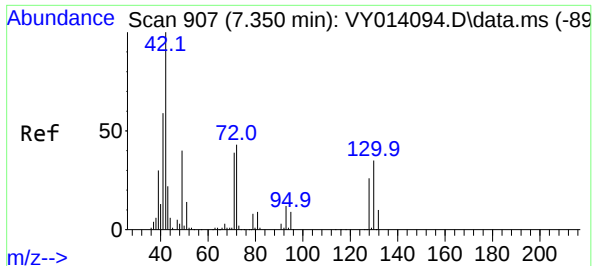
Tgt Ion: 43 Resp: 2372
Ion Ratio Lower Upper
43 100
58 23.9 22.7 34.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. 0.013 min
Lab File: VY014382.D
Acq: 22 Jun 2023 16:25

Tgt Ion: 84 Resp: 2165
Ion Ratio Lower Upper
84 100
49 78.2 106.9 160.3#
51 27.2 33.2 49.8#
86 48.8 51.0 76.6#

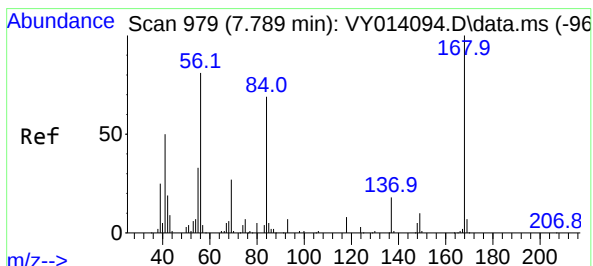
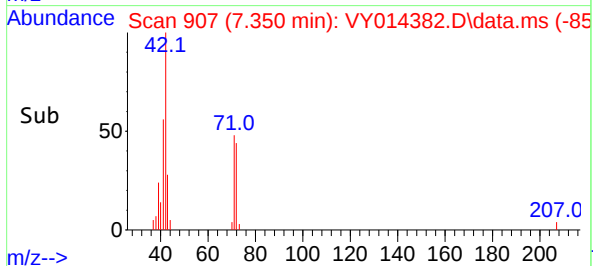
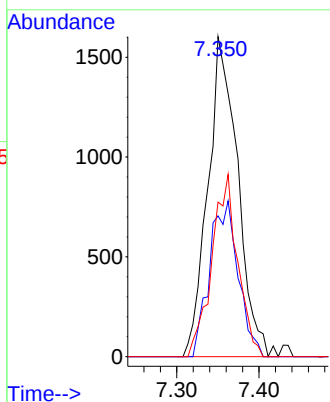
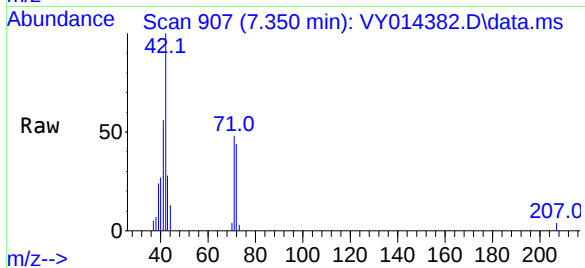




#29
Tetrahydrofuran
Concen: 7.120 ug/l
RT: 7.350 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY014382.D
Acq: 22 Jun 2023 16:25

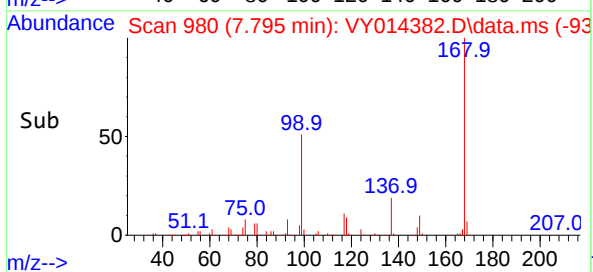
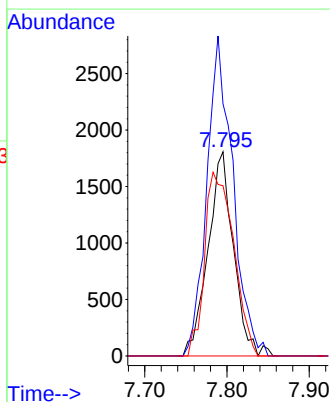
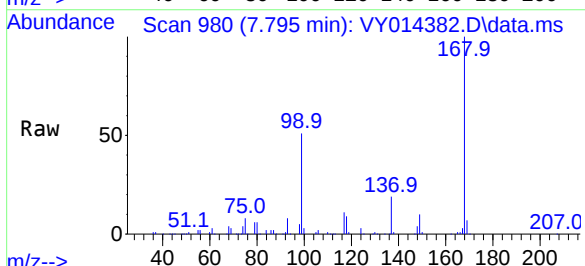
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TW-05-GRAB-7

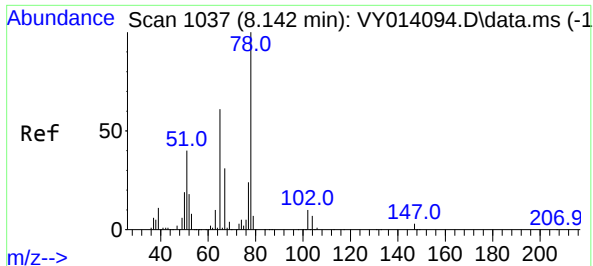
Tgt Ion:	42	Resp:	4052
Ion	Ratio	Lower	Upper
42	100		
72	46.4	32.8	49.2
71	49.2	31.0	46.4



#31
Cyclohexane
Concen: 1.204 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY014382.D
Acq: 22 Jun 2023 16:25

Tgt Ion:	56	Resp:	3902
Ion	Ratio	Lower	Upper
56	100		
69	123.6	27.8	41.6
84	83.4	66.4	99.6

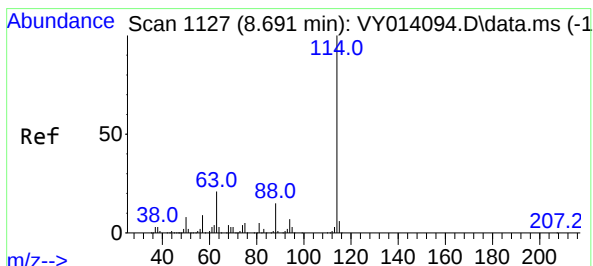
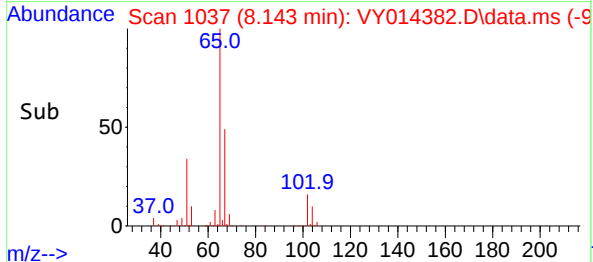
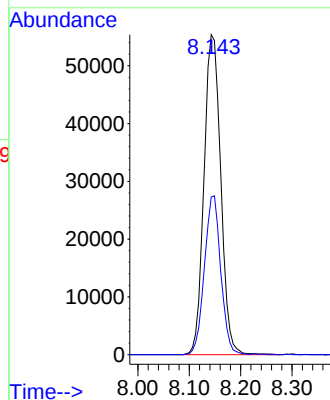
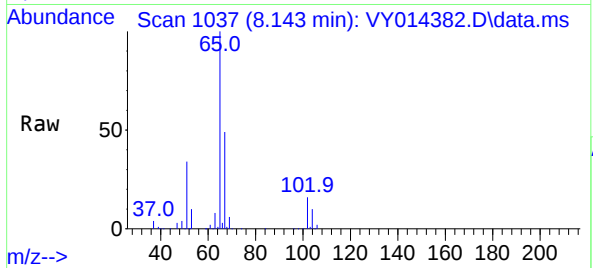




#33
1,2-Dichloroethane-d4
Concen: 52.003 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY014382.D
Acq: 22 Jun 2023 16:25

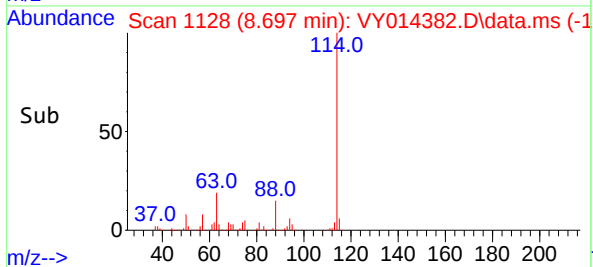
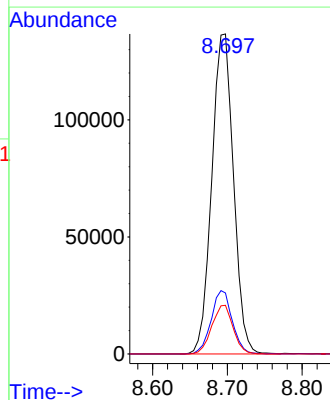
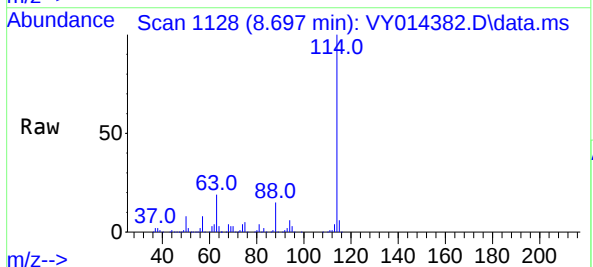
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TW-05-GRAB-7

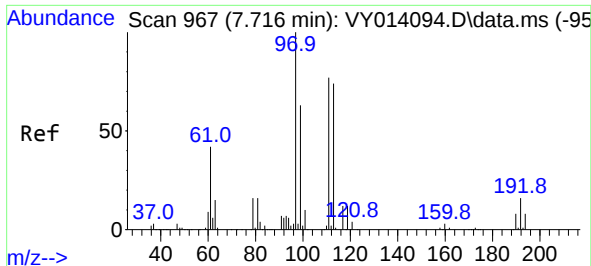
Tgt Ion: 65 Resp: 125782
Ion Ratio Lower Upper
65 100
67 48.3 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VY014382.D
Acq: 22 Jun 2023 16:25

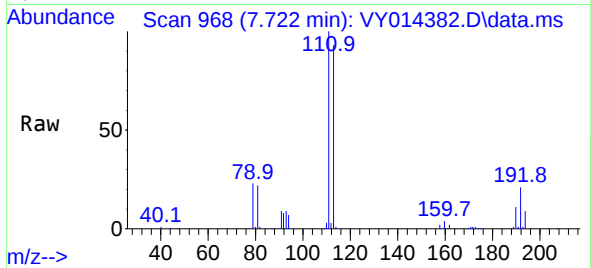
Tgt Ion: 114 Resp: 276193
Ion Ratio Lower Upper
114 100
63 19.0 0.0 42.4
88 15.2 0.0 30.6



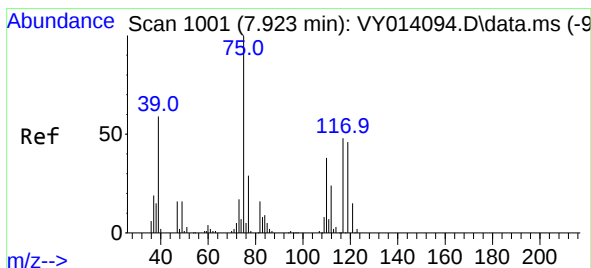
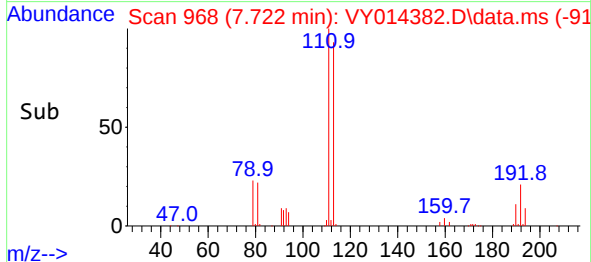
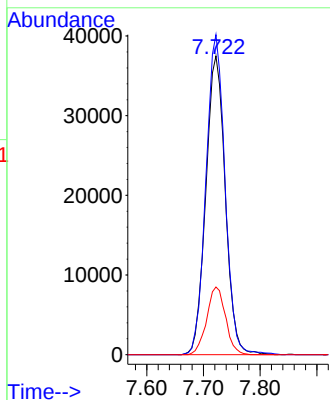


#35
Dibromofluoromethane
Concen: 45.635 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014382.D
Acq: 22 Jun 2023 16:25

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TW-05-GRAB-7

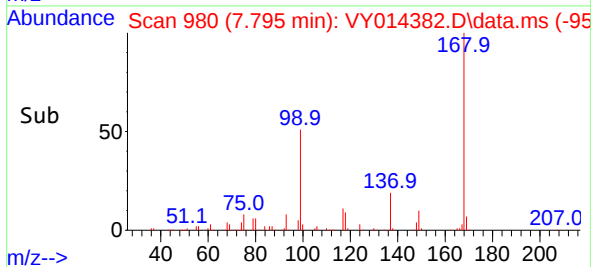
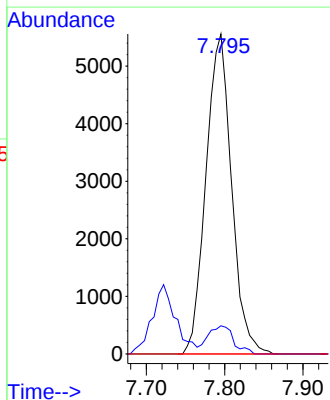
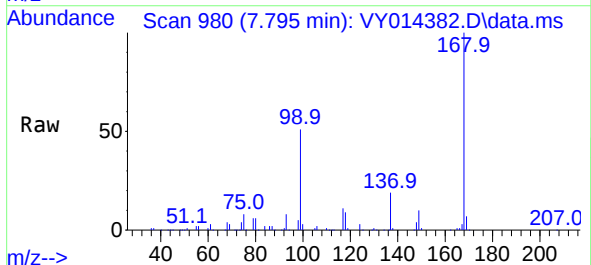


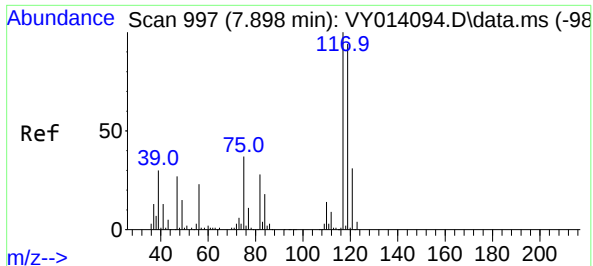
Tgt Ion:113 Resp: 89386
Ion Ratio Lower Upper
113 100
111 105.1 81.3 121.9
192 22.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.133 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY014382.D
Acq: 22 Jun 2023 16:25

Tgt Ion: 75 Resp: 12621
Ion Ratio Lower Upper
75 100
110 8.9 17.8 53.5#
77 0.0 24.4 36.6#

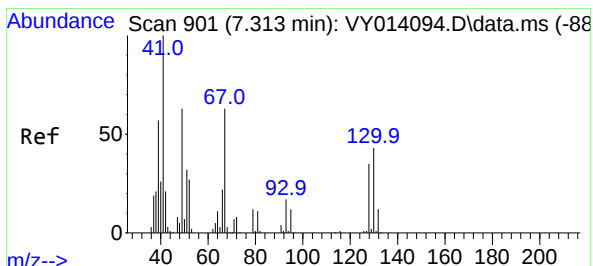
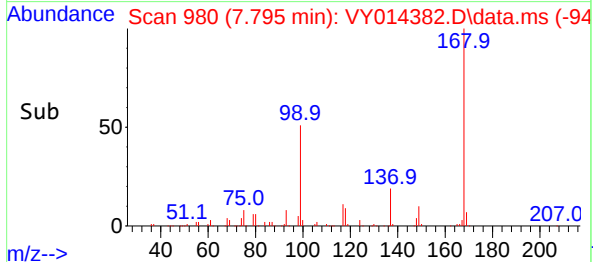
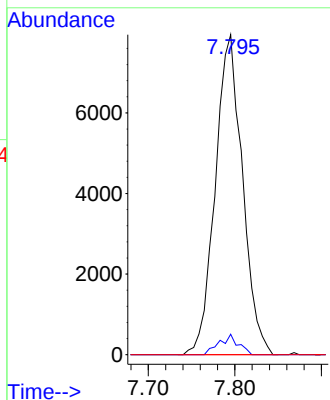
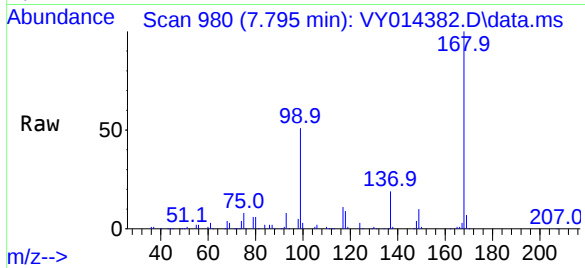




#38
Carbon Tetrachloride
Concen: 4.915 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY014382.D
Acq: 22 Jun 2023 16:25

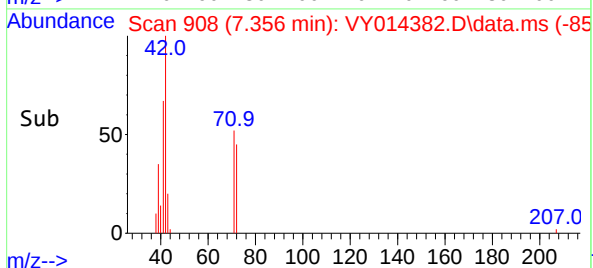
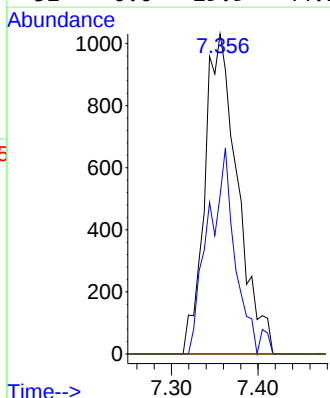
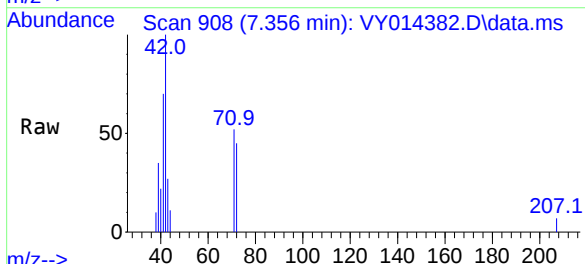
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TW-05-GRAB-7

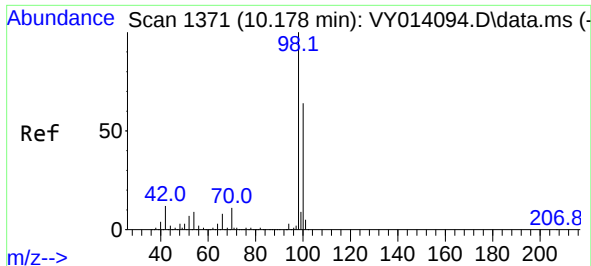
Tgt Ion:117 Resp: 17318
Ion Ratio Lower Upper
117 100
119 6.4 76.4 114.6#
121 0.0 25.8 38.6#



#41
Methacrylonitrile
Concen: 2.526 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.043 min
Lab File: VY014382.D
Acq: 22 Jun 2023 16:25

Tgt Ion: 41 Resp: 2716
Ion Ratio Lower Upper
41 100
39 51.8 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#

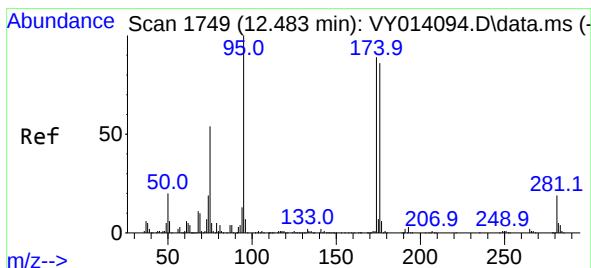
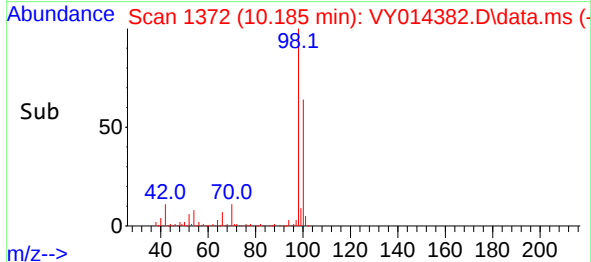
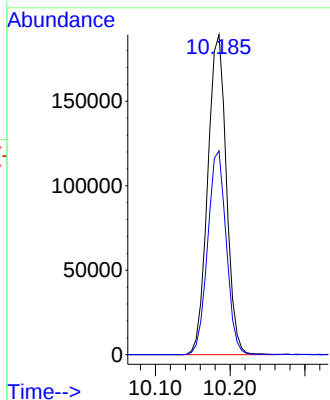
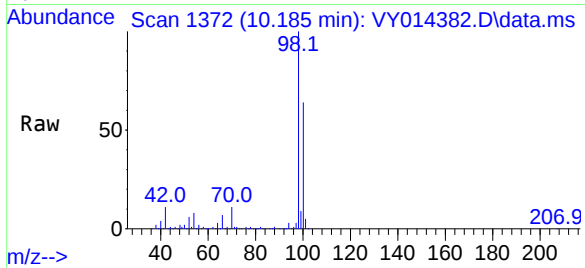




#50
Toluene-d8
Concen: 44.789 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014382.D
Acq: 22 Jun 2023 16:25

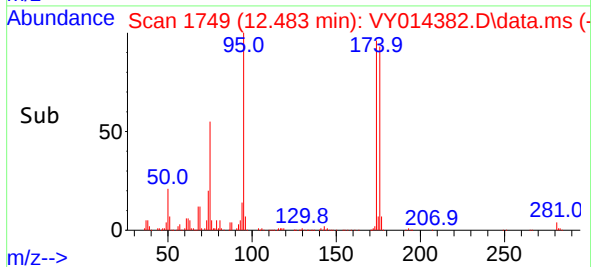
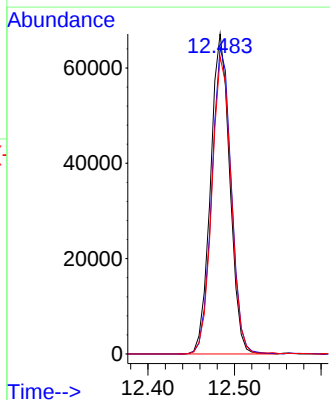
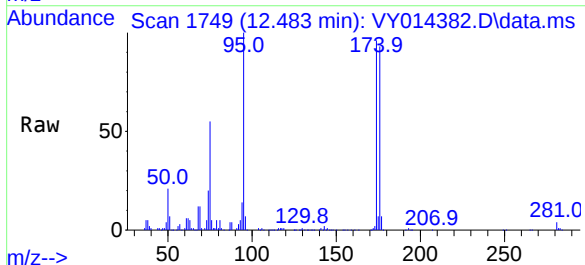
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TW-05-GRAB-7

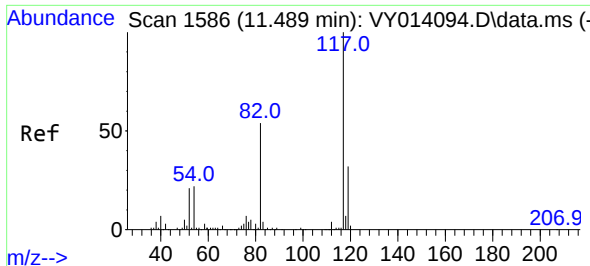
Tgt Ion: 98 Resp: 327980
Ion Ratio Lower Upper
98 100
100 63.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 39.782 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014382.D
Acq: 22 Jun 2023 16:25

Tgt Ion: 95 Resp: 103484
Ion Ratio Lower Upper
95 100
174 96.9 0.0 178.2
176 93.2 0.0 173.8

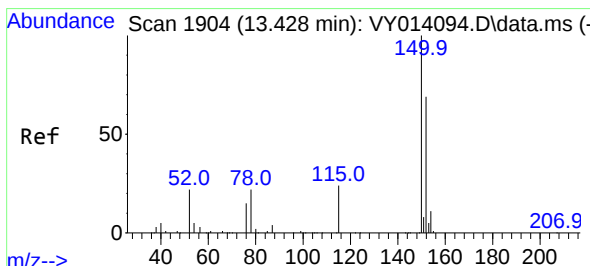
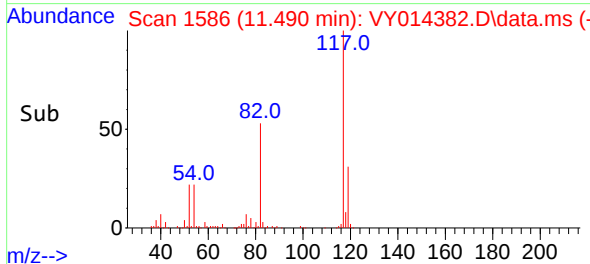
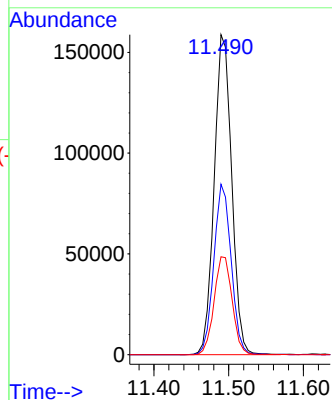
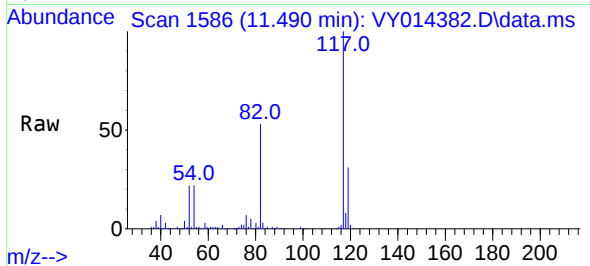




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY014382.D
Acq: 22 Jun 2023 16:25

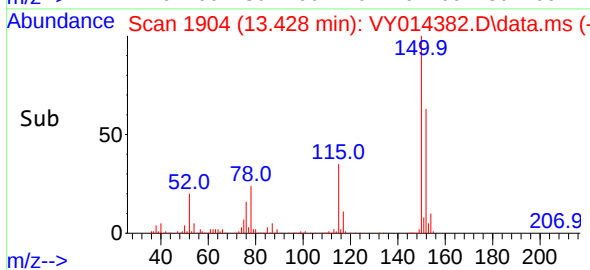
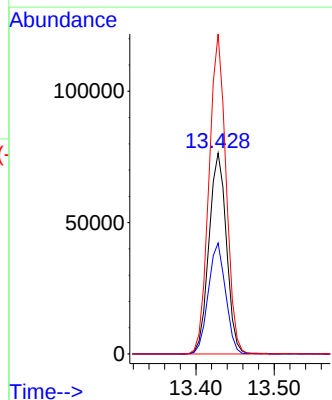
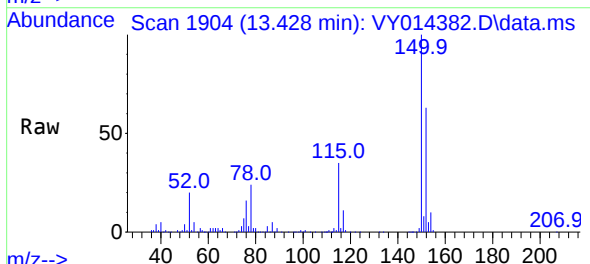
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TW-05-GRAB-7

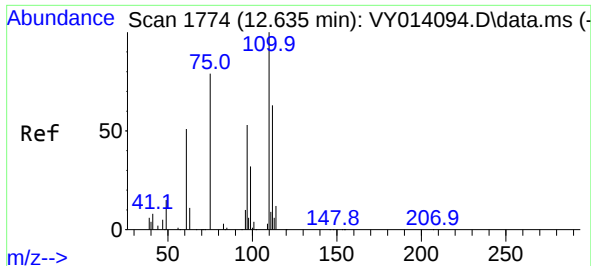
Tgt Ion:	117	Resp:	258659
Ion	Ratio	Lower	Upper
117	100		
82	53.2	43.4	65.0
119	30.6	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY014382.D
Acq: 22 Jun 2023 16:25

Tgt Ion:	152	Resp:	118518
Ion	Ratio	Lower	Upper
152	100		
115	54.7	28.8	86.5
150	155.0	0.0	348.8

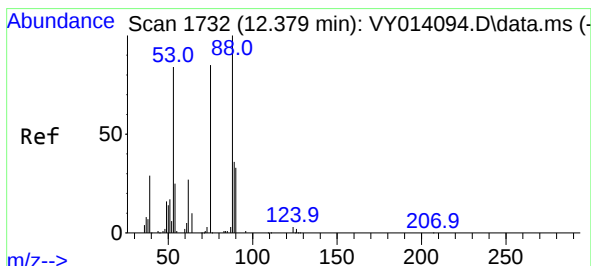
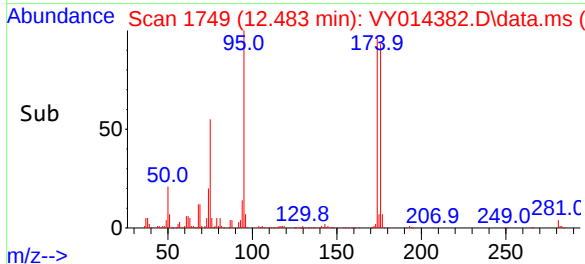
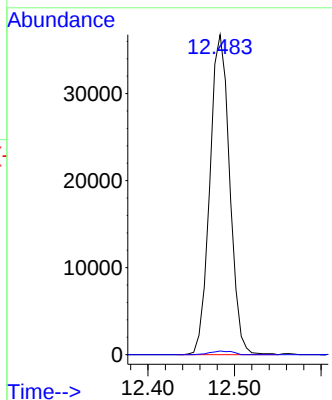
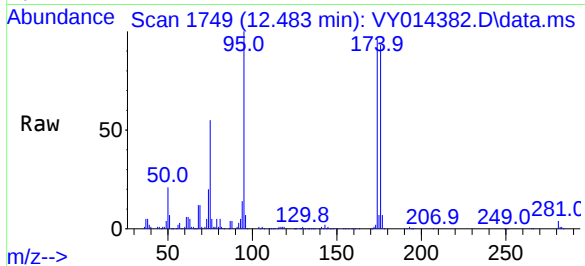




#76
1,2,3-Trichloropropane
Concen: 37.608 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY014382.D
Acq: 22 Jun 2023 16:25

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TW-05-GRAB-7

Tgt Ion: 75 Resp: 58477
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.293 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY014382.D
Acq: 22 Jun 2023 16:25

Tgt Ion: 75 Resp: 58477
Ion Ratio Lower Upper
75 100
53 0.3 77.8 116.8#
89 0.0 37.4 56.0#

