

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062323\
 Data File : VY014409.D
 Acq On : 23 Jun 2023 15:51
 Operator : KP/MD
 Sample : 03329-11RE
 Misc : 7.39g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SW03-8-15-GRAB-6

Quant Time: Jun 23 17:25:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

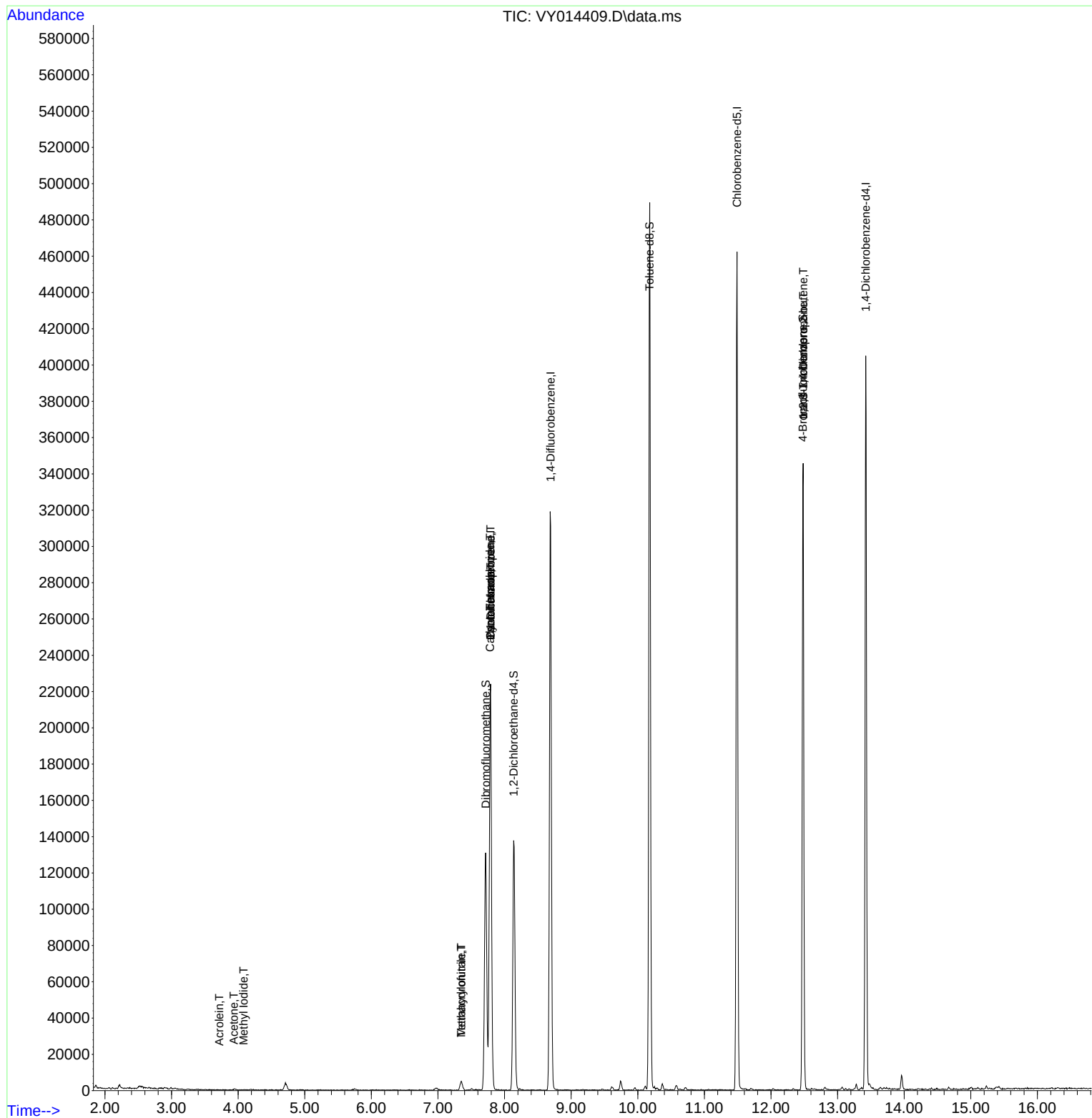
Internal Standards						
1) Pentafluorobenzene	7.789	168	175040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	268772	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	244289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	104901	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	121340	55.833	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.660%
35) Dibromofluoromethane	7.716	113	86311	51.978	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.960%
50) Toluene-d8	10.179	98	319379	48.385	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.760%
62) 4-Bromofluorobenzene	12.477	95	95427	40.495	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.980%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.082	142	313	3.013	ug/l #	69
11) Tert butyl alcohol	4.930	59	184	Below Cal	#	89
13) Acrolein	3.717	56	26	4.438	ug/l #	14
16) Acetone	3.936	43	976	1.427	ug/l	97
20) Methylene Chloride	4.710	84	2595	Below Cal	#	87
29) Tetrahydrofuran	7.350	42	3348	6.592	ug/l #	84
31) Cyclohexane	7.789	56	3619	1.348	ug/l #	12
36) 1,1-Dichloropropene	7.789	75	12703	4.964	ug/l #	51
38) Carbon Tetrachloride	7.783	117	17248	5.356	ug/l #	16
41) Methacrylonitrile	7.350	41	2404	2.751	ug/l #	43
76) 1,2,3-Trichloropropane	12.483	75	54826	41.664	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	54826	94.856	ug/l #	11

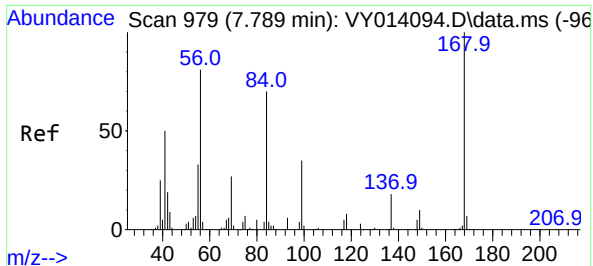
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062323\
Data File : VY014409.D
Acq On : 23 Jun 2023 15:51
Operator : KP/MD
Sample : 03329-11RE
Misc : 7.39g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SW03-8-15-GRAB-6

Quant Time: Jun 23 17:25:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 23 17:18:46 2023
Response via : Initial Calibration

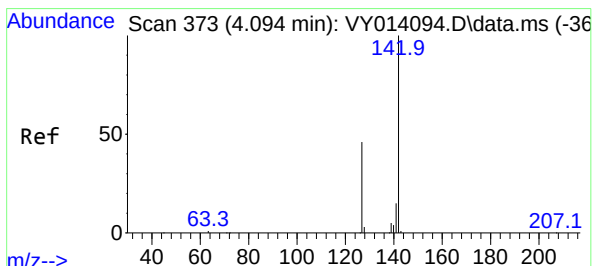
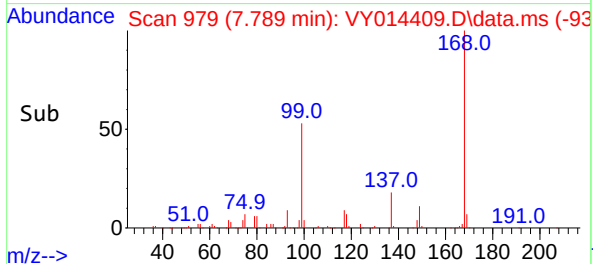
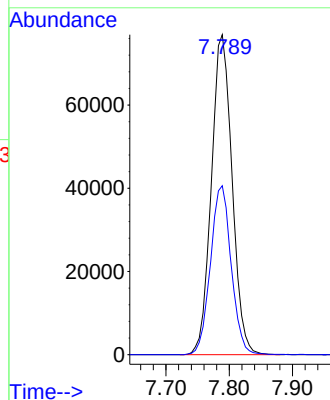
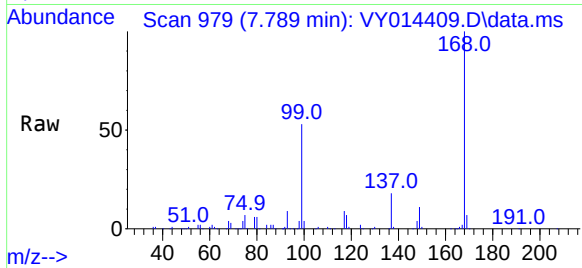




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014409.D
Acq: 23 Jun 2023 15:51

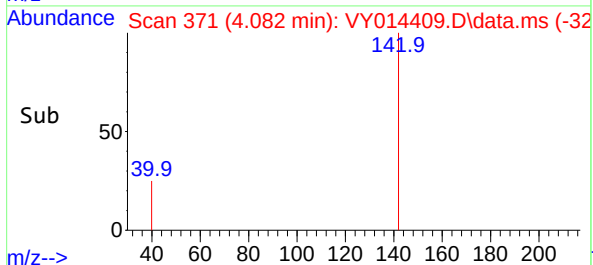
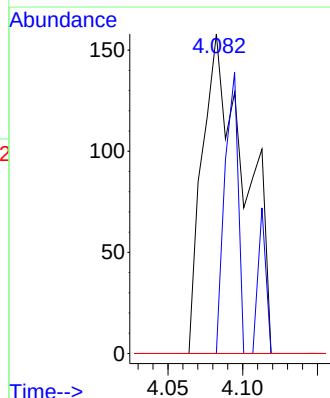
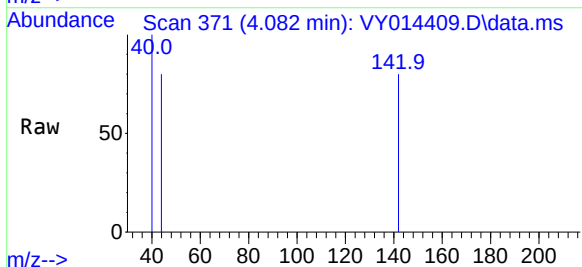
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SW03-8-15-GRAB-6

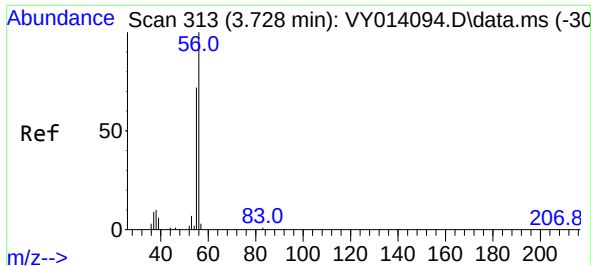
Tgt Ion:168 Resp: 175040
Ion Ratio Lower Upper
168 100
99 52.8 43.4 65.0



#10
Methyl Iodide
Concen: 3.013 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.012 min
Lab File: VY014409.D
Acq: 23 Jun 2023 15:51

Tgt Ion:142 Resp: 313
Ion Ratio Lower Upper
142 100
127 27.5 37.6 56.4#
141 0.0 11.8 17.8#

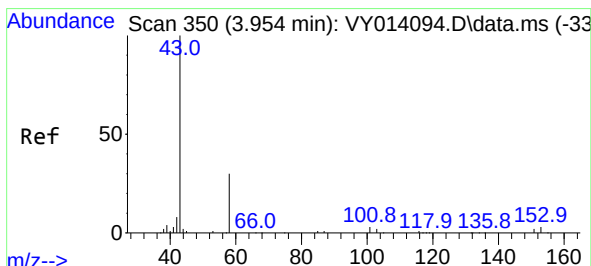
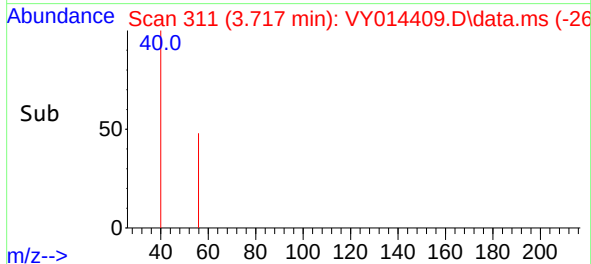
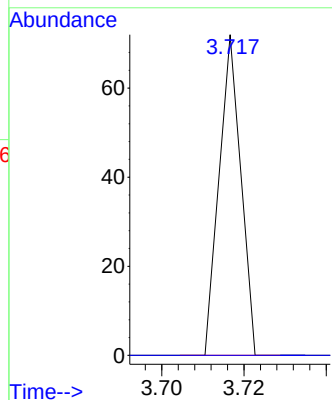
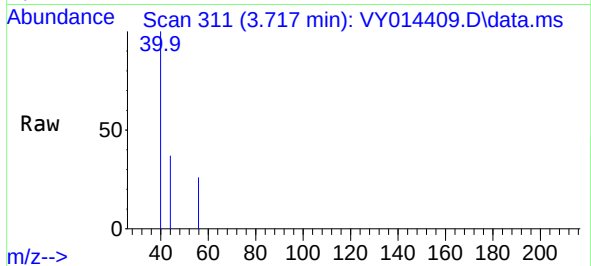




#13
Acrolein
Concen: 4.438 ug/l
RT: 3.717 min Scan# 311
Delta R.T. -0.011 min
Lab File: VY014409.D
Acq: 23 Jun 2023 15:51

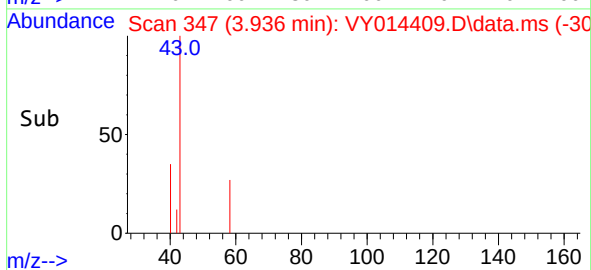
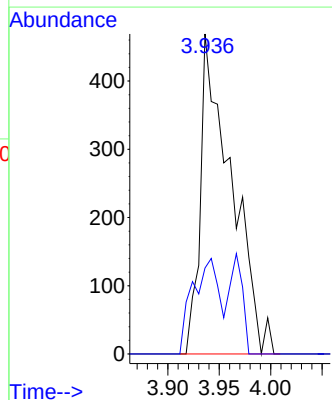
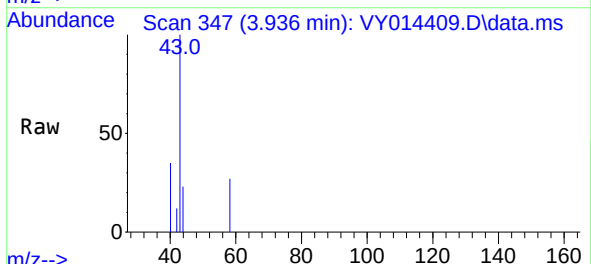
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SW03-8-15-GRAB-6

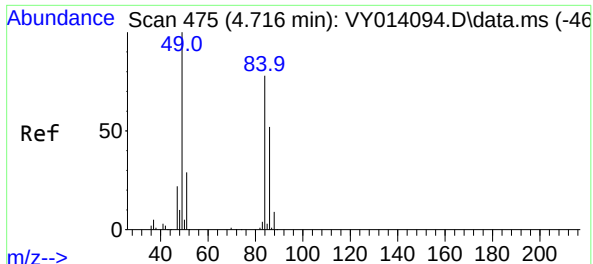
Tgt Ion: 56 Resp: 26
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.4#



#16
Acetone
Concen: 1.427 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.018 min
Lab File: VY014409.D
Acq: 23 Jun 2023 15:51

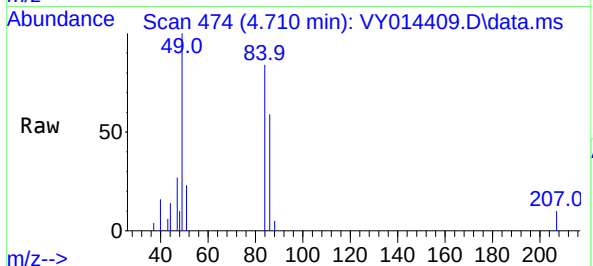
Tgt Ion: 43 Resp: 976
Ion Ratio Lower Upper
43 100
58 26.9 22.7 34.1





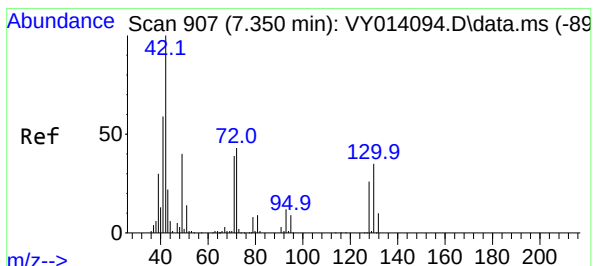
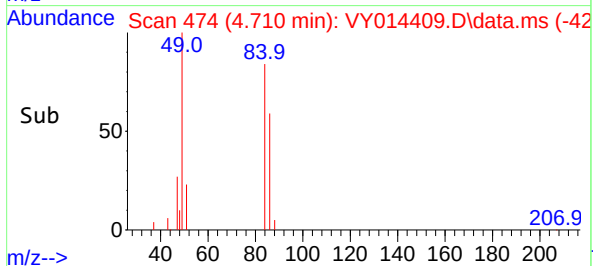
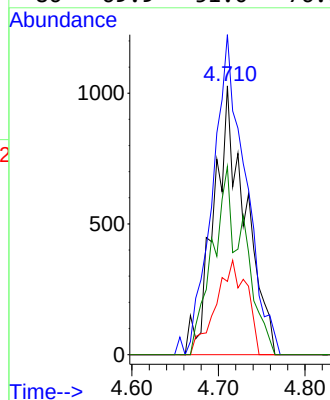
#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY014409.D
Acq: 23 Jun 2023 15:51

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SW03-8-15-GRAB-6



Tgt Ion: 84 Resp: 2595

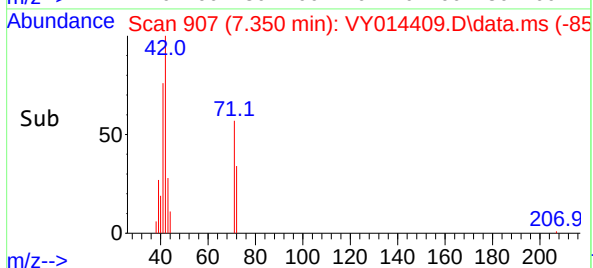
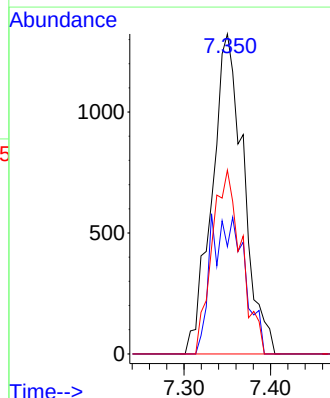
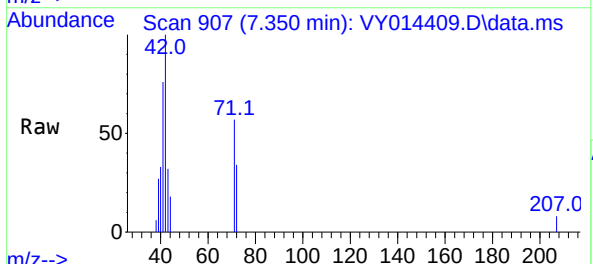
Ion	Ratio	Lower	Upper
84	100		
49	119.1	106.9	160.3
51	27.2	33.2	49.8#
86	69.9	51.0	76.6

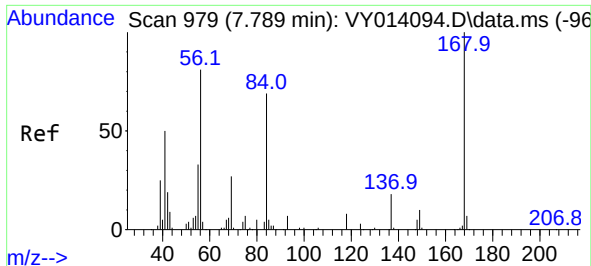


#29
Tetrahydrofuran
Concen: 6.592 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.000 min
Lab File: VY014409.D
Acq: 23 Jun 2023 15:51

Tgt Ion: 42 Resp: 3348

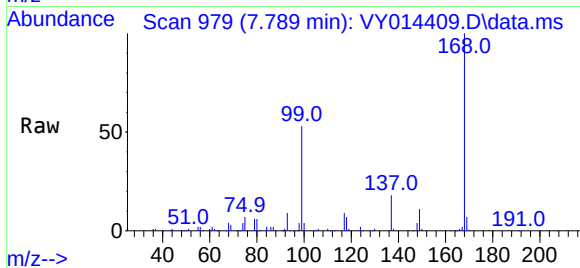
Ion	Ratio	Lower	Upper
42	100		
72	45.7	32.8	49.2
71	53.5	31.0	46.4#



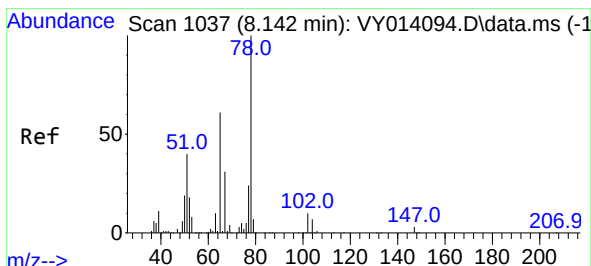
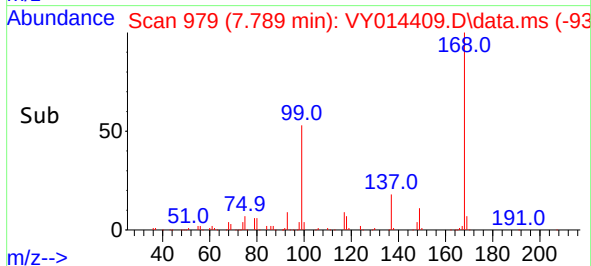
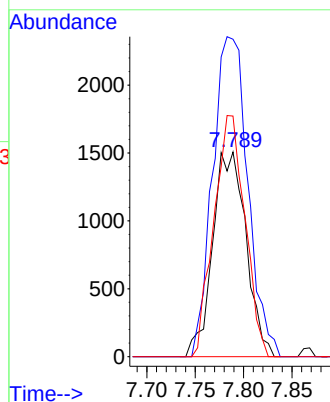


#31
Cyclohexane
Concen: 1.348 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014409.D
Acq: 23 Jun 2023 15:51

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SW03-8-15-GRAB-6

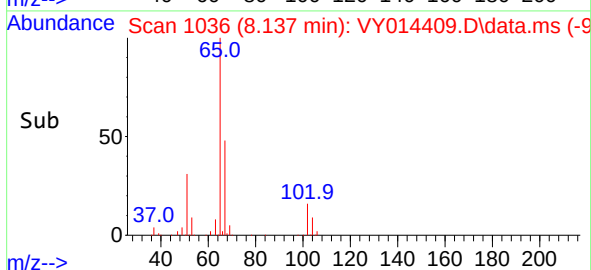
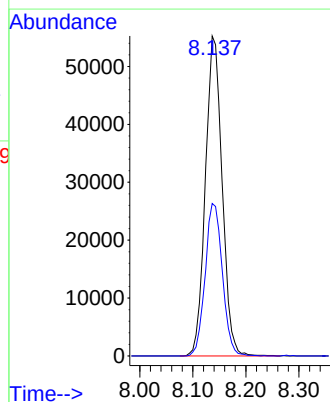
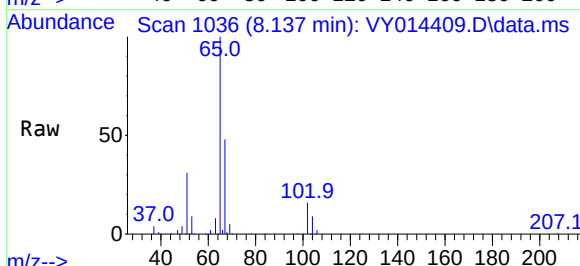


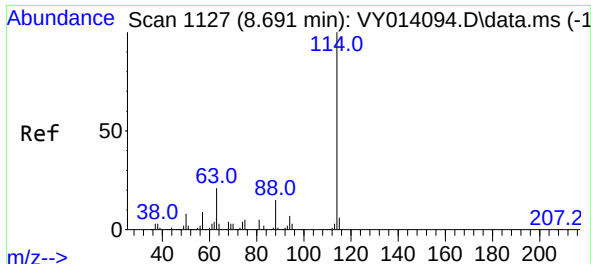
Tgt Ion: 56 Resp: 3619
Ion Ratio Lower Upper
56 100
69 155.1 27.8 41.6#
84 117.6 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 55.833 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY014409.D
Acq: 23 Jun 2023 15:51

Tgt Ion: 65 Resp: 121340
Ion Ratio Lower Upper
65 100
67 48.9 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY014409.D

Acq: 23 Jun 2023 15:51

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SW03-8-15-GRAB-6

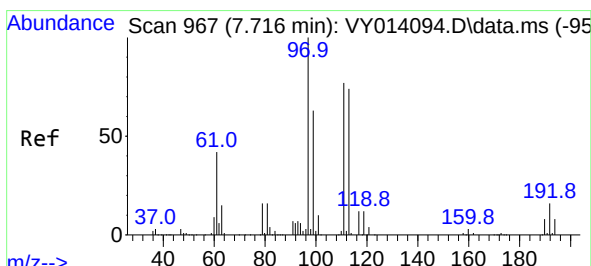
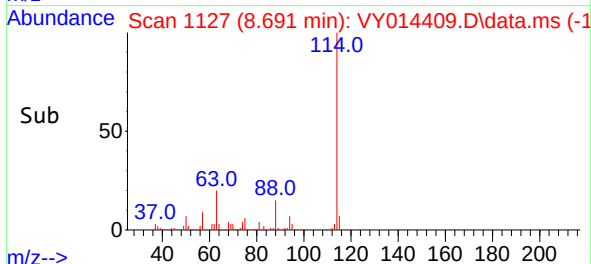
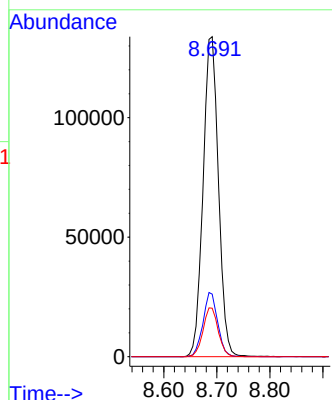
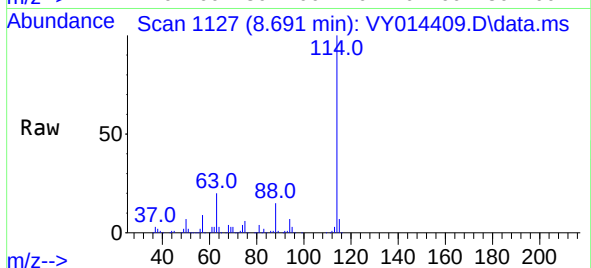
Tgt Ion:114 Resp: 268772

Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.978 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014409.D

Acq: 23 Jun 2023 15:51

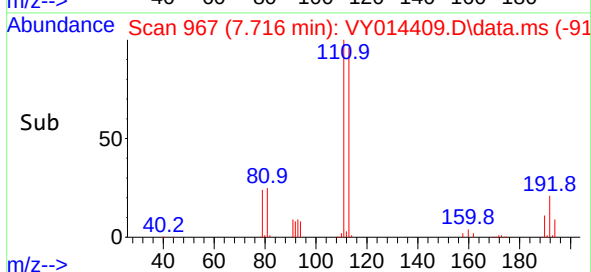
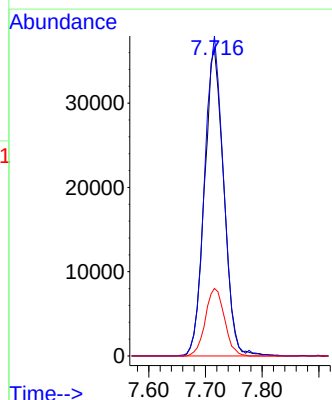
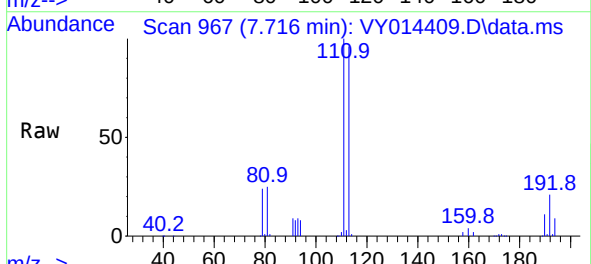
Tgt Ion:113 Resp: 86311

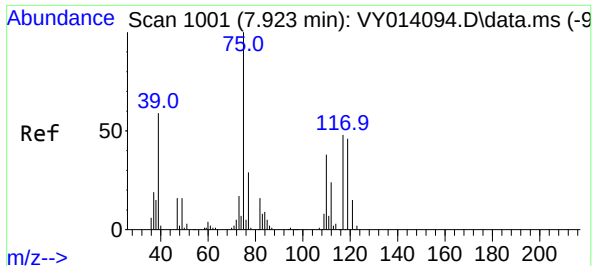
Ion Ratio Lower Upper

113 100

111 101.5 81.3 121.9

192 21.7 16.9 25.3

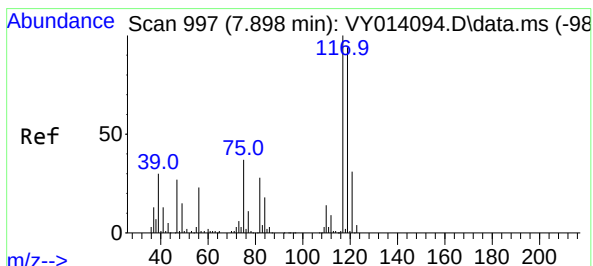
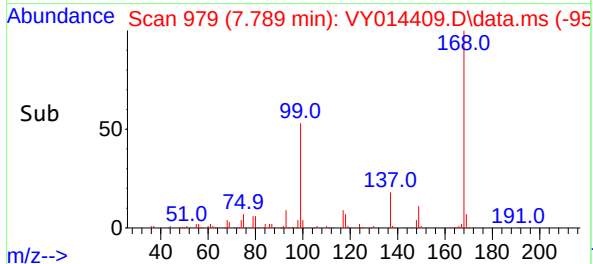
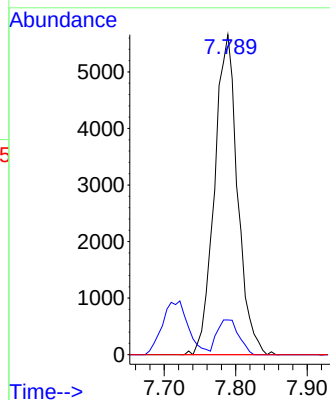
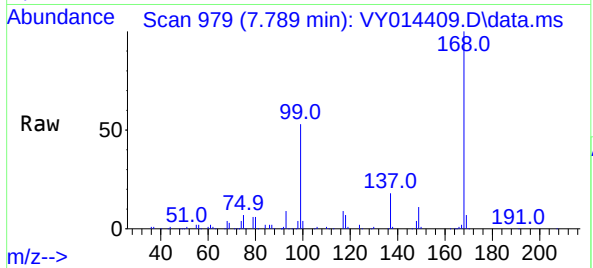




#36
1,1-Dichloropropene
Concen: 4.964 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY014409.D
Acq: 23 Jun 2023 15:51

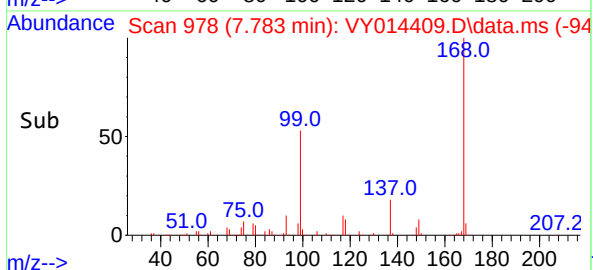
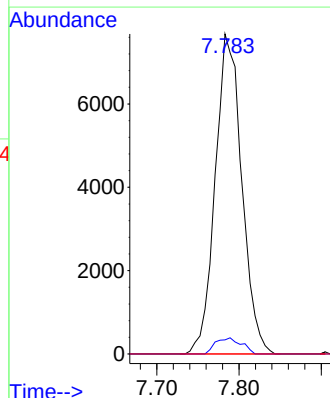
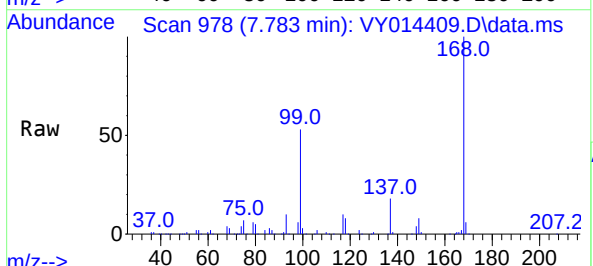
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SW03-8-15-GRAB-6

Tgt Ion: 75 Resp: 12703
Ion Ratio Lower Upper
75 100
110 10.1 17.8 53.5#
77 0.0 24.4 36.6#

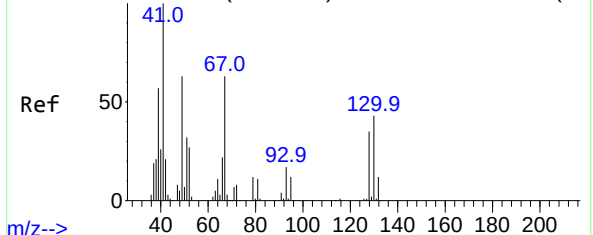


#38
Carbon Tetrachloride
Concen: 5.356 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.115 min
Lab File: VY014409.D
Acq: 23 Jun 2023 15:51

Tgt Ion: 117 Resp: 17248
Ion Ratio Lower Upper
117 100
119 4.4 76.4 114.6#
121 0.0 25.8 38.6#

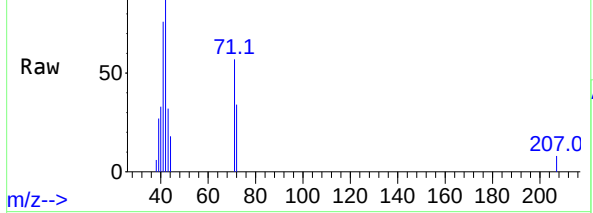


Abundance Scan 901 (7.313 min): VY014094.D\data.ms (-88



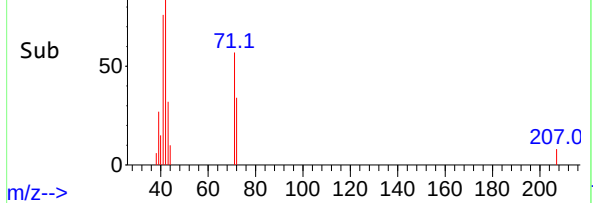
m/z-->

Abundance Scan 907 (7.350 min): VY014409.D\data.ms



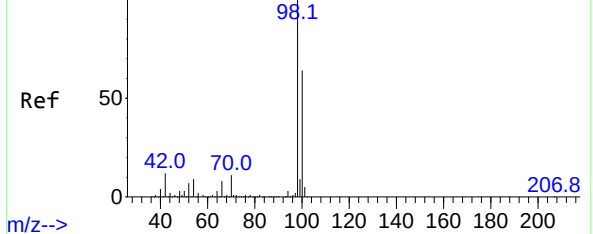
m/z-->

Abundance Scan 907 (7.350 min): VY014409.D\data.ms (-85



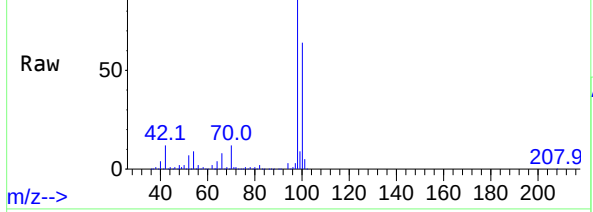
m/z-->

Abundance Scan 1371 (10.178 min): VY014094.D\data.ms (-



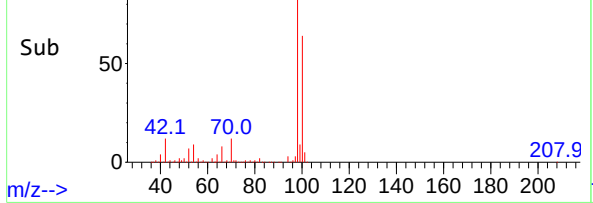
m/z-->

Abundance Scan 1371 (10.179 min): VY014409.D\data.ms



m/z-->

Abundance Scan 1371 (10.179 min): VY014409.D\data.ms (-



m/z-->

#41

Methacrylonitrile

Concen: 2.751 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.037 min

Lab File: VY014409.D

Acq: 23 Jun 2023 15:51

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SW03-8-15-GRAB-6

Tgt Ion: 41 Resp: 2404

Ion Ratio Lower Upper

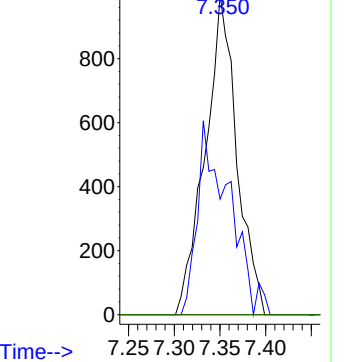
41 100

39 58.4 52.1 78.1

67 0.0 66.2 99.2#

52 0.0 29.9 44.9#

Abundance



Time-->

#50

Toluene-d8

Concen: 48.385 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.001 min

Lab File: VY014409.D

Acq: 23 Jun 2023 15:51

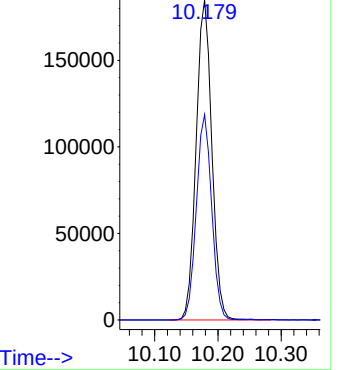
Tgt Ion: 98 Resp: 319379

Ion Ratio Lower Upper

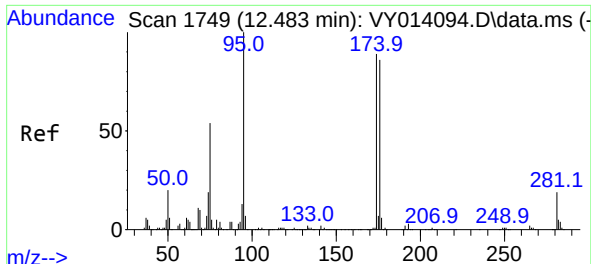
98 100

100 62.7 50.1 75.1

Abundance



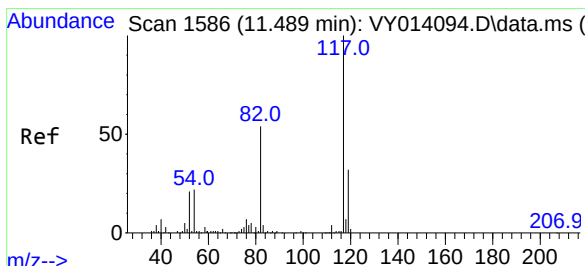
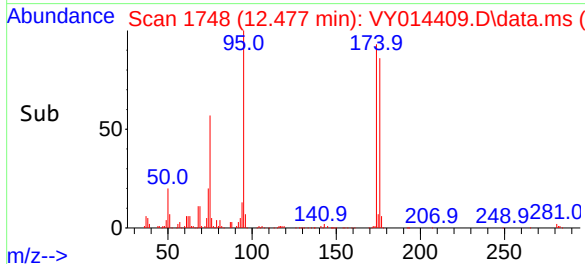
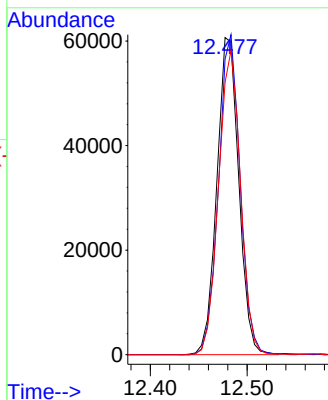
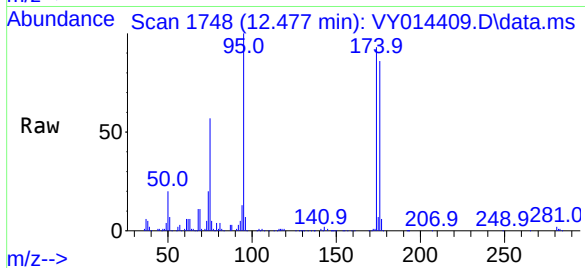
Time-->



#62
4-Bromofluorobenzene
Concen: 40.495 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014409.D
Acq: 23 Jun 2023 15:51

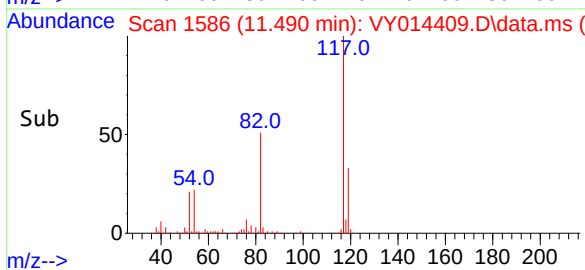
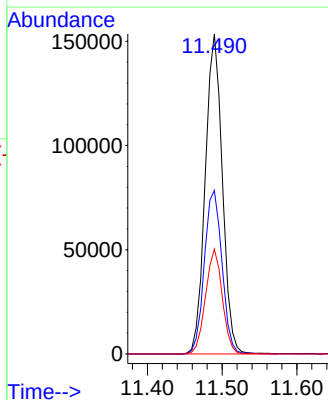
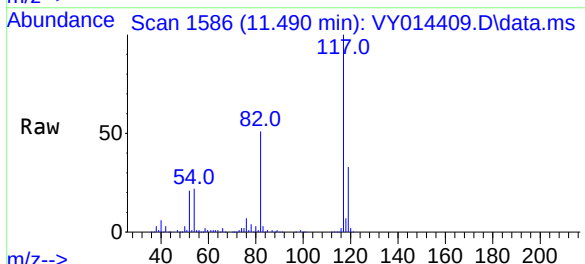
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SW03-8-15-GRAB-6

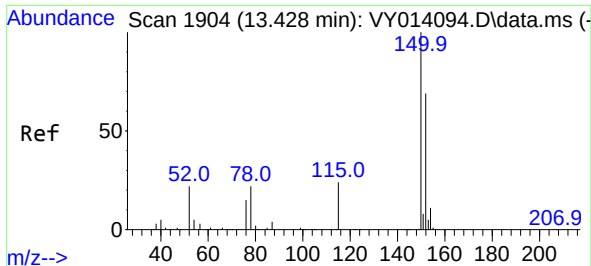
Tgt Ion:	95	Resp:	95427
Ion	Ratio	Lower	Upper
95	100		
174	99.2	0.0	178.2
176	95.9	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014409.D
Acq: 23 Jun 2023 15:51

Tgt Ion:	117	Resp:	244289
Ion	Ratio	Lower	Upper
117	100		
82	51.1	43.4	65.0
119	32.7	26.3	39.5

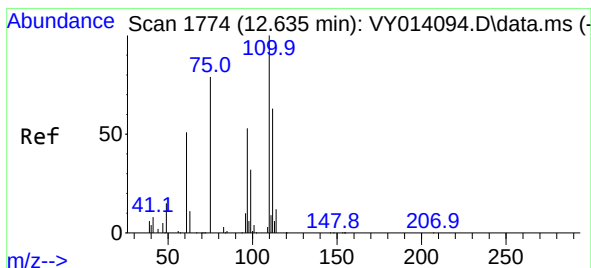
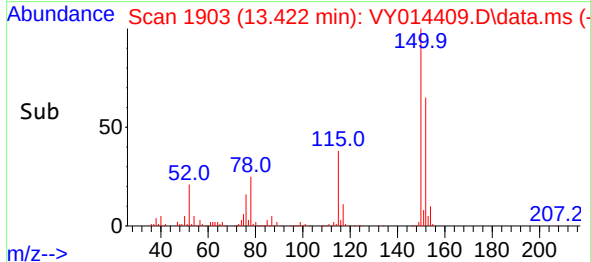
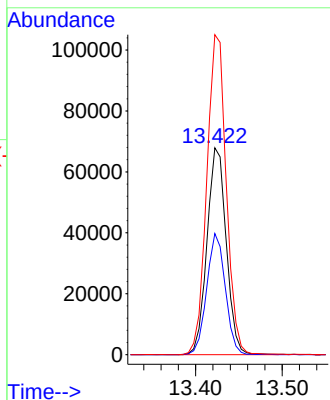
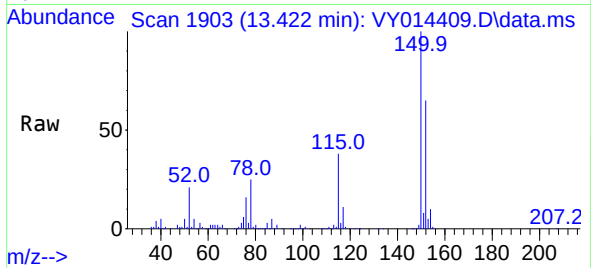




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY014409.D
Acq: 23 Jun 2023 15:51

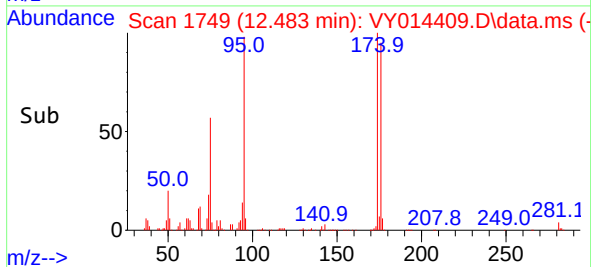
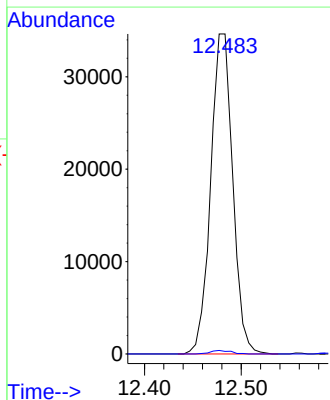
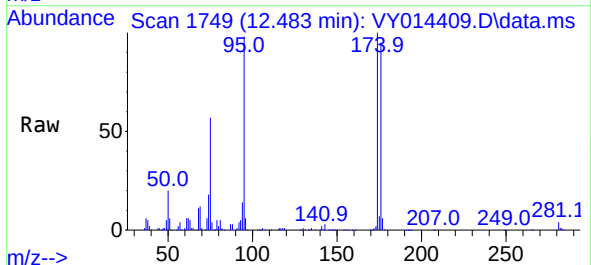
Instrument : MSVOA_Y
ClientSampleId : TOTAL-VOC-SW03-8-15-GRAB-6

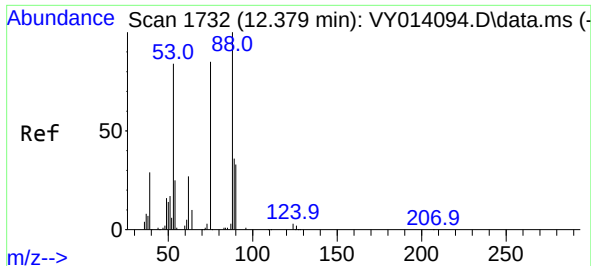
Tgt Ion:152 Resp: 104901
Ion Ratio Lower Upper
152 100
115 56.6 28.8 86.5
150 156.4 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 41.664 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY014409.D
Acq: 23 Jun 2023 15:51

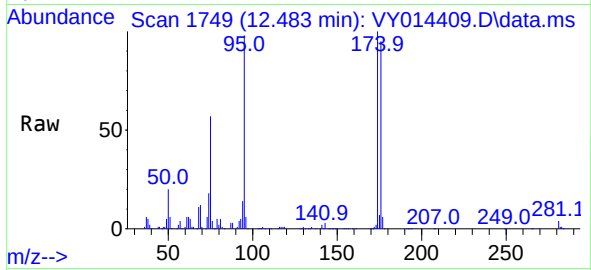
Tgt Ion: 75 Resp: 54826
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.856 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014409.D
 Acq: 23 Jun 2023 15:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SW03-8-15-GRAB-6



Tgt Ion: 75 Resp: 54826
 Ion Ratio Lower Upper
 75 100
 53 0.1 77.8 116.8#
 89 0.0 37.4 56.0#

