

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
 Data File : VY014295.D
 Acq On : 20 Jun 2023 19:50
 Operator : KP/MD
 Sample : 03298-06
 Misc : 5.81g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-TW-04-GRAB-7

Quant Time: Jun 21 02:09:53 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)

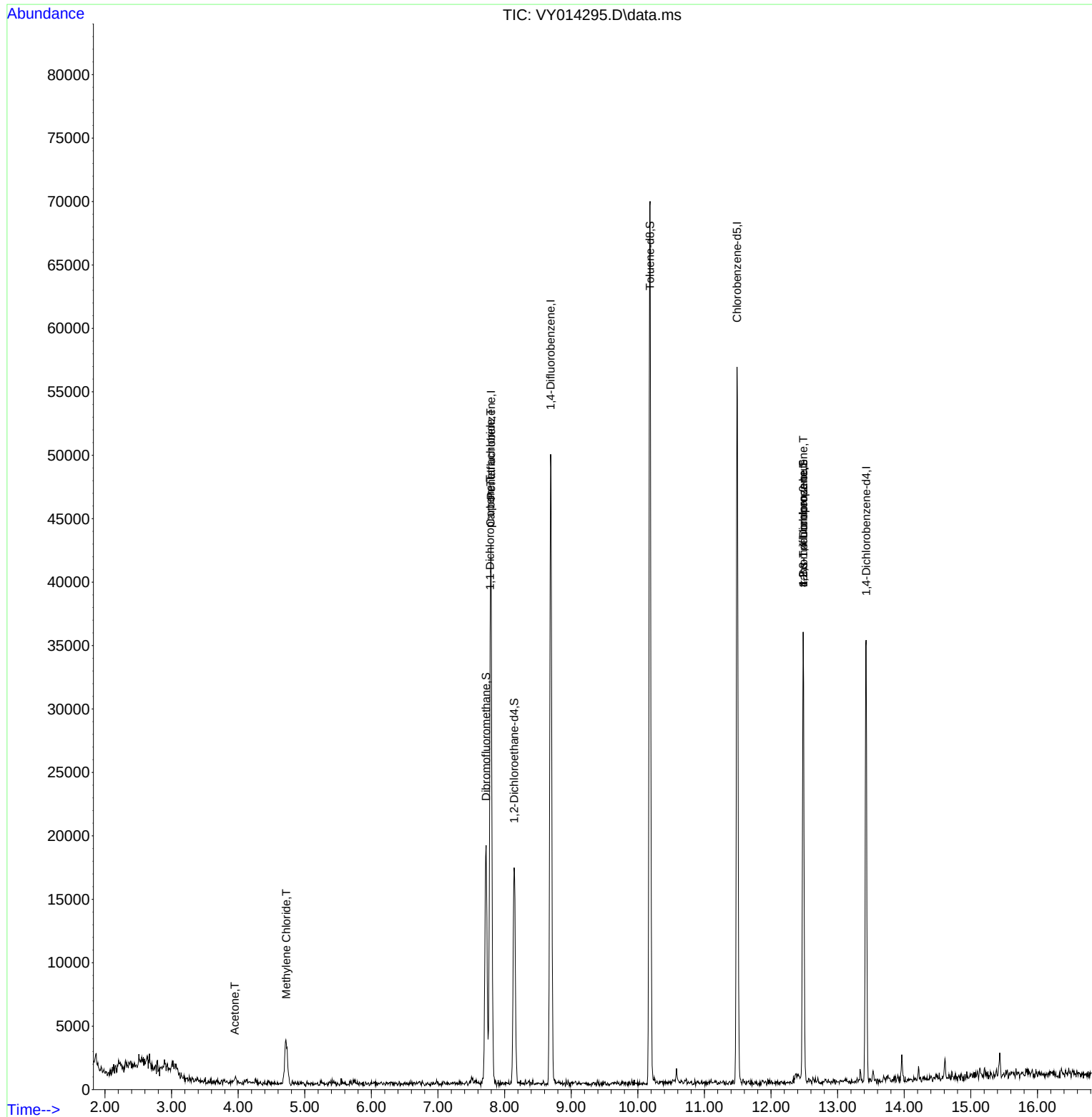
Internal Standards						
1) Pentafluorobenzene	7.795	168	33135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	42418	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	30799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	9193	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	14864	32.214	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	64.420%
35) Dibromofluoromethane	7.722	113	12894	42.863	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.720%
50) Toluene-d8	10.185	98	48072	42.744	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.480%
62) 4-Bromofluorobenzene	12.483	95	9981	24.983	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	49.960%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	481	3.458	ug/l #	46
20) Methylene Chloride	4.722	84	2610	2.470	ug/l #	74
36) 1,1-Dichloropropene	7.783	75	2515	5.363	ug/l #	50
38) Carbon Tetrachloride	7.789	117	3396	6.275	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	5230	43.363	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	5230	93.734	ug/l #	10

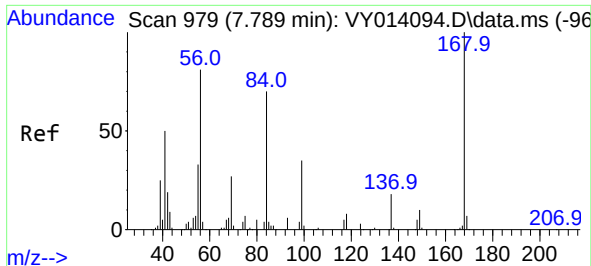
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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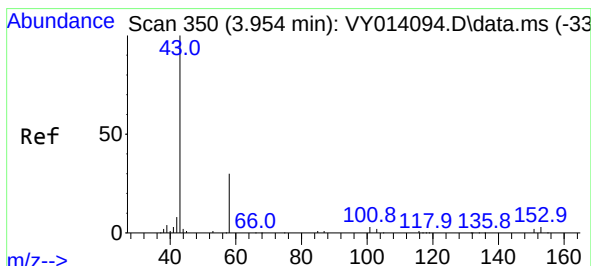
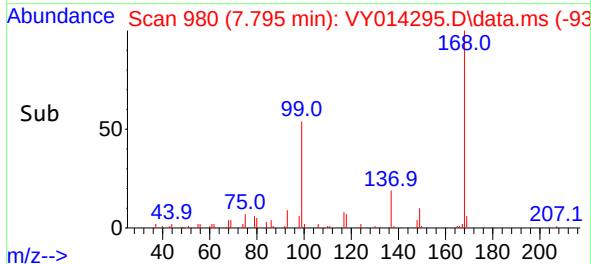
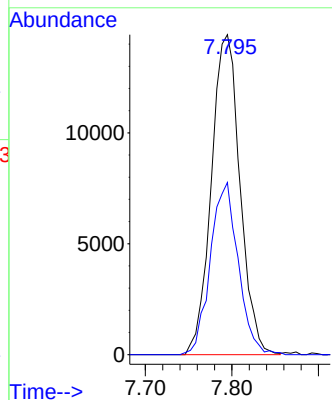
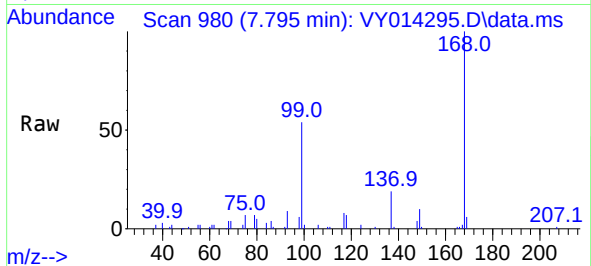




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014295.D
Acq: 20 Jun 2023 19:50

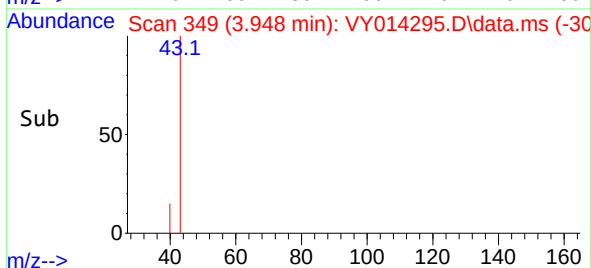
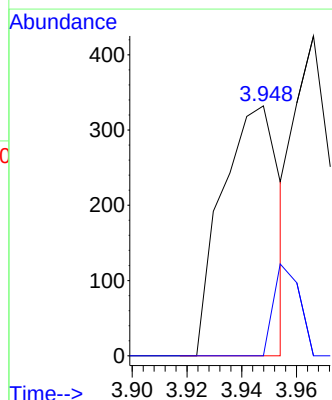
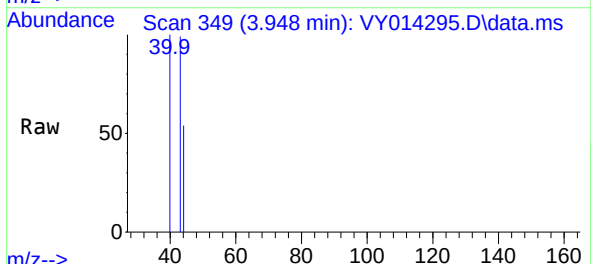
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TW-04-GRAB-7

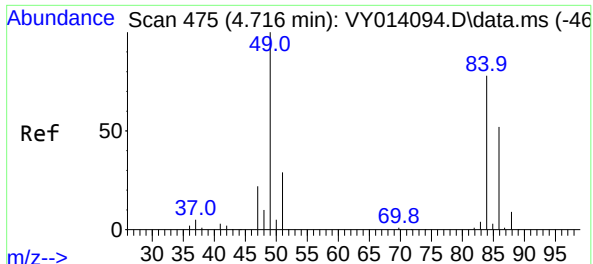
Tgt Ion:168 Resp: 33135
Ion Ratio Lower Upper
168 100
99 53.8 43.4 65.0



#16
Acetone
Concen: 3.458 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014295.D
Acq: 20 Jun 2023 19:50

Tgt Ion: 43 Resp: 481
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#

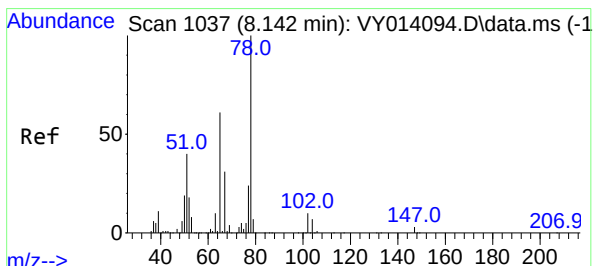
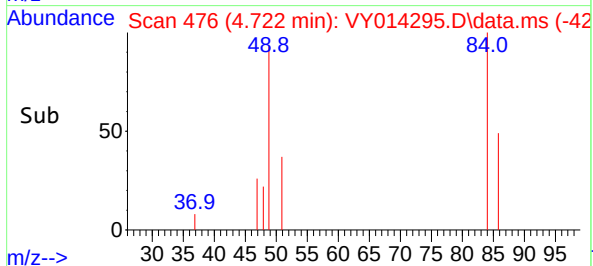
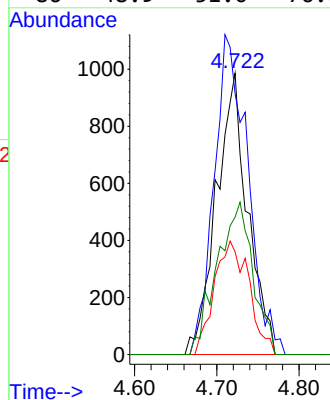
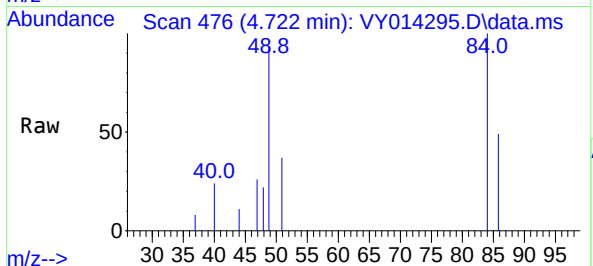




#20
Methylene Chloride
Concen: 2.470 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY014295.D
Acq: 20 Jun 2023 19:50

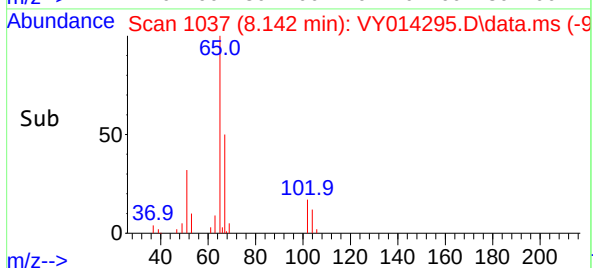
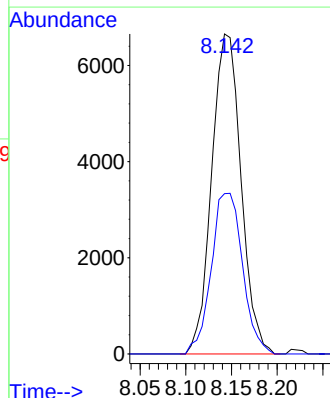
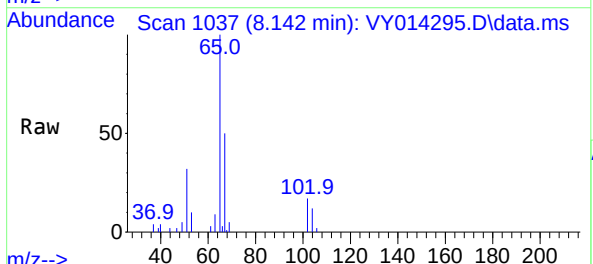
Instrument :
MSVOA_Y
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TOTAL-VOC-TW-04-GRAB-7

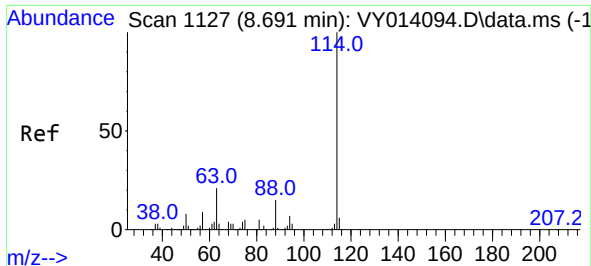
Tgt Ion:	84	Resp:	2610
Ion	Ratio	Lower	Upper
84	100		
49	92.8	106.9	160.3#
51	36.5	33.2	49.8
86	48.9	51.0	76.6#



#33
1,2-Dichloroethane-d4
Concen: 32.214 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY014295.D
Acq: 20 Jun 2023 19:50

Tgt Ion:	65	Resp:	14864
Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	101.8

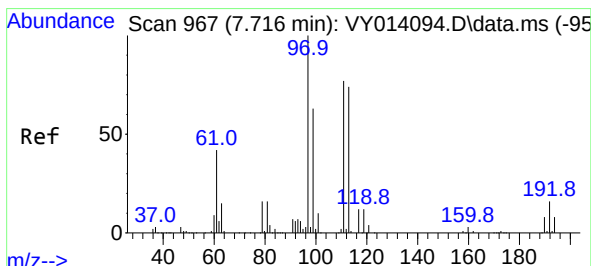
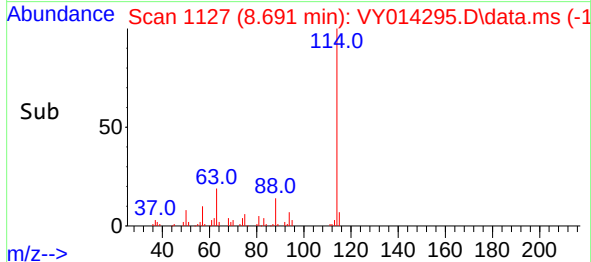
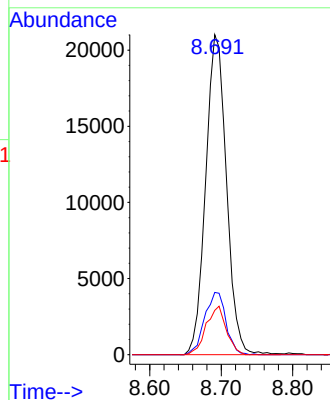
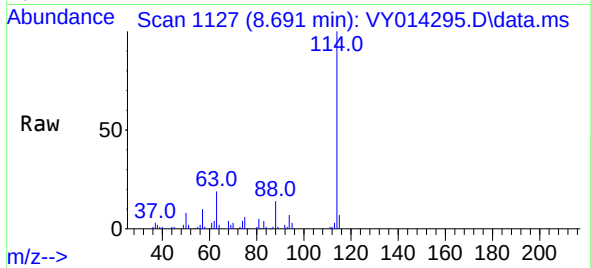




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY014295.D
Acq: 20 Jun 2023 19:50

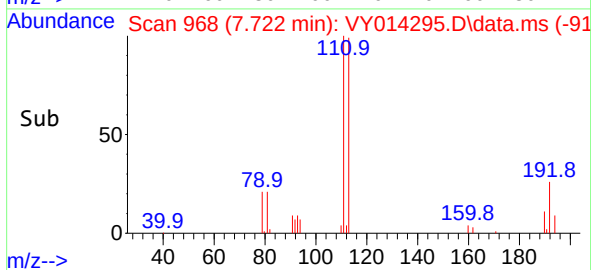
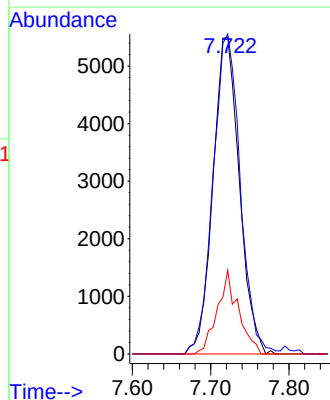
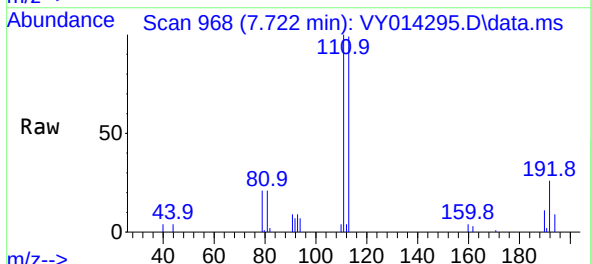
Instrument : MSVOA_Y
ClientSampleId : TOTAL-VOC-TW-04-GRAB-7

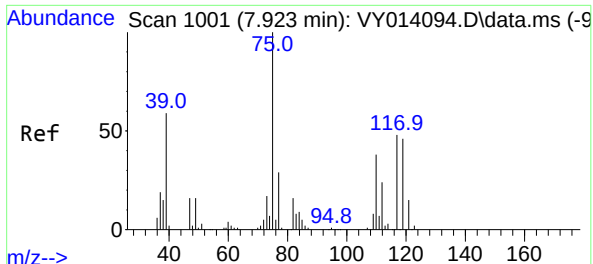
Tgt Ion:114	Resp:	42418
Ion Ratio	Lower	Upper
114	100	
63	19.5	0.0 42.4
88	13.8	0.0 30.6



#35
Dibromofluoromethane
Concen: 42.863 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY014295.D
Acq: 20 Jun 2023 19:50

Tgt Ion:113	Resp:	12894
Ion Ratio	Lower	Upper
113	100	
111	103.7	81.3 121.9
192	21.1	16.9 25.3





#36

1,1-Dichloropropene

Concen: 5.363 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.140 min

Lab File: VY014295.D

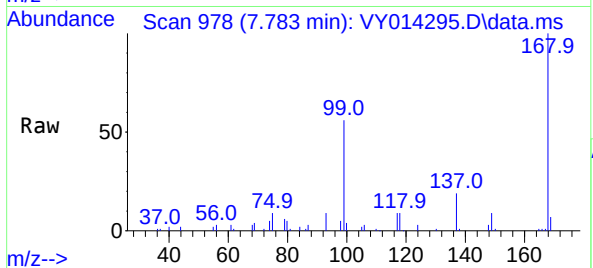
Acq: 20 Jun 2023 19:50

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-TW-04-GRAB-7



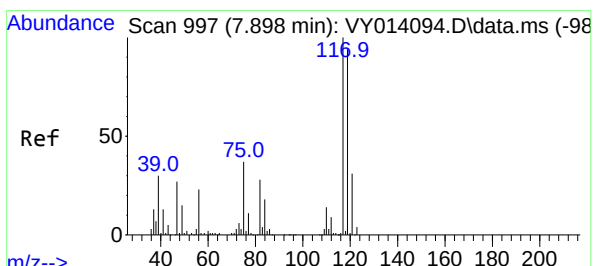
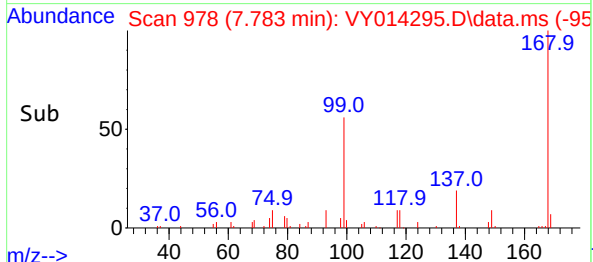
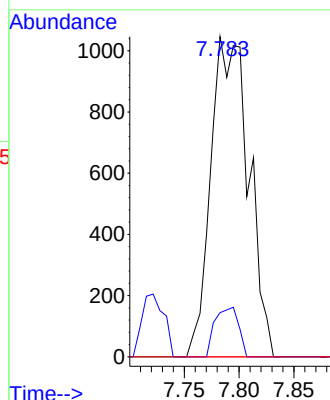
Tgt Ion: 75 Resp: 2515

Ion Ratio Lower Upper

75 100

110 9.6 17.8 53.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.275 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.109 min

Lab File: VY014295.D

Acq: 20 Jun 2023 19:50

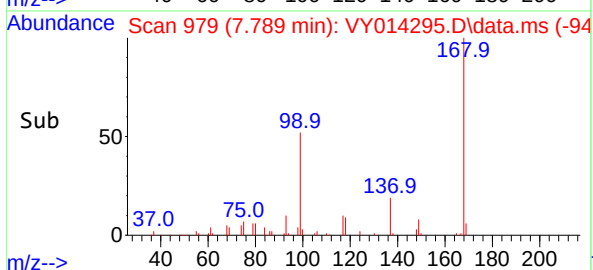
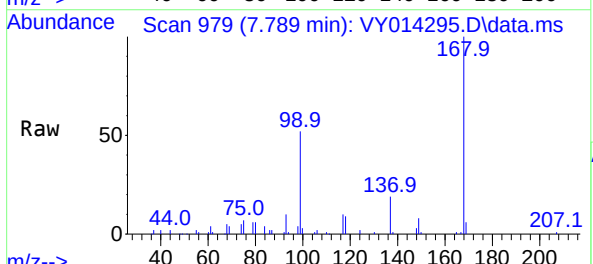
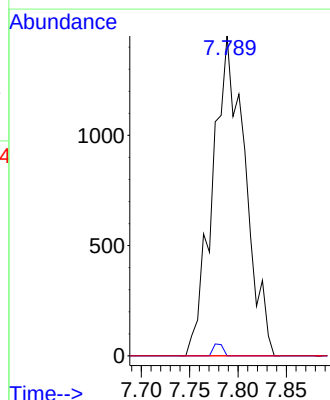
Tgt Ion: 117 Resp: 3396

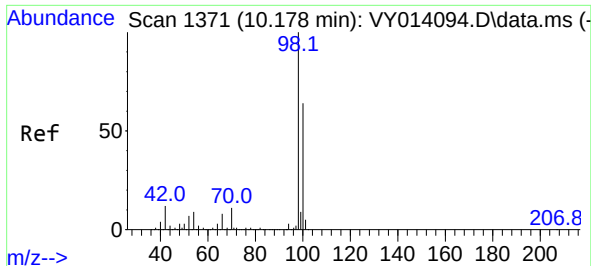
Ion Ratio Lower Upper

117 100

119 0.0 76.4 114.6#

121 0.0 25.8 38.6#

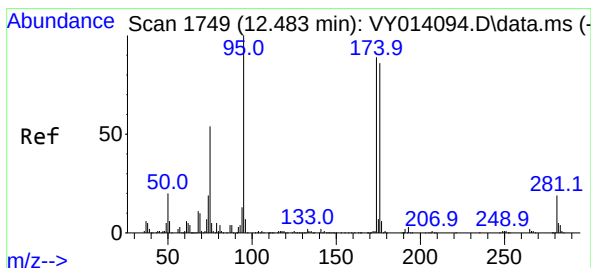
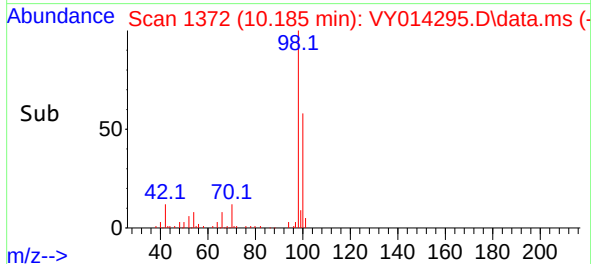
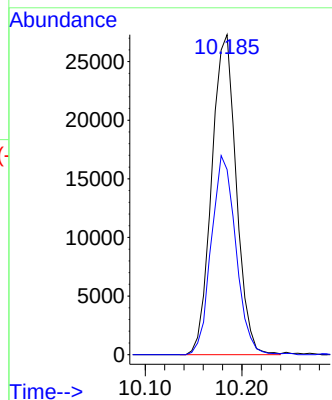
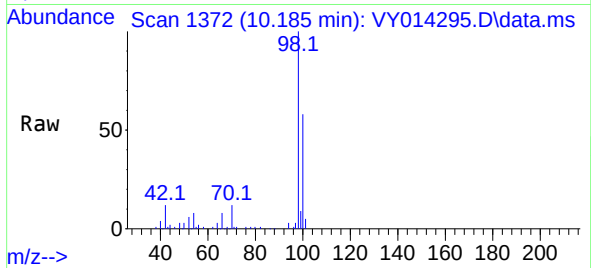




#50
Toluene-d8
Concen: 42.744 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014295.D
Acq: 20 Jun 2023 19:50

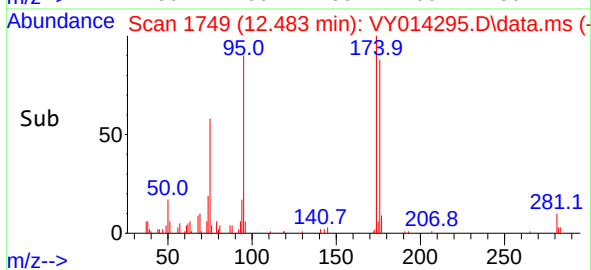
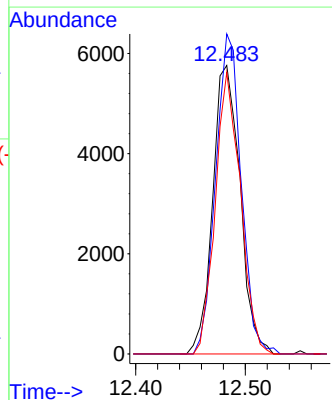
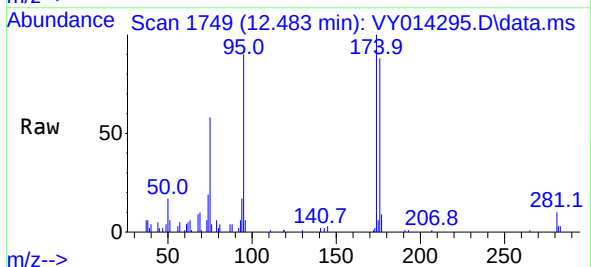
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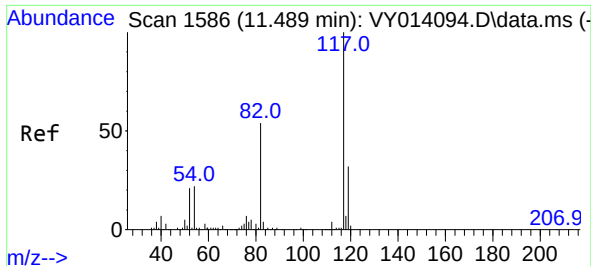
Tgt Ion: 98 Resp: 48072
Ion Ratio Lower Upper
98 100
100 62.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 24.983 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY014295.D
Acq: 20 Jun 2023 19:50

Tgt Ion: 95 Resp: 9981
Ion Ratio Lower Upper
95 100
174 103.9 0.0 178.2
176 90.0 0.0 173.8

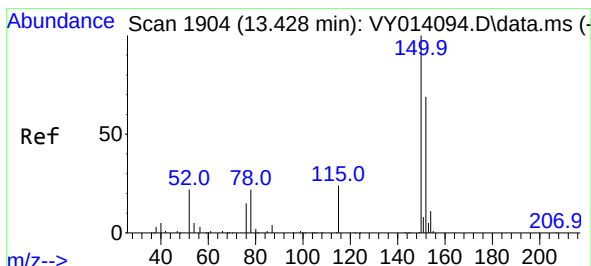
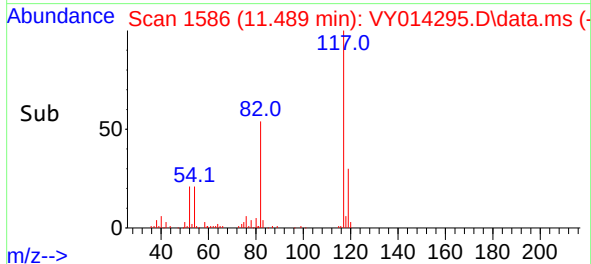
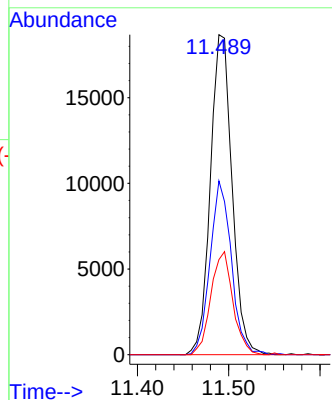
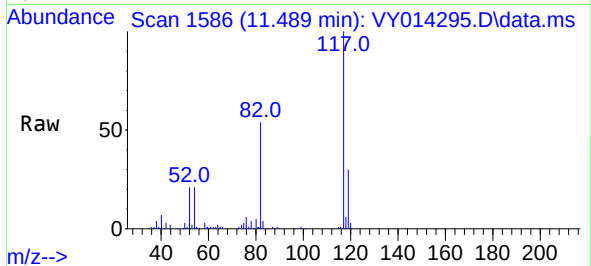




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY014295.D
Acq: 20 Jun 2023 19:50

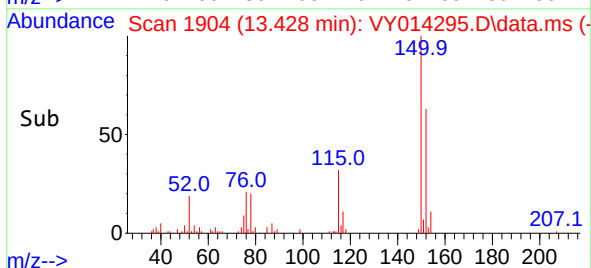
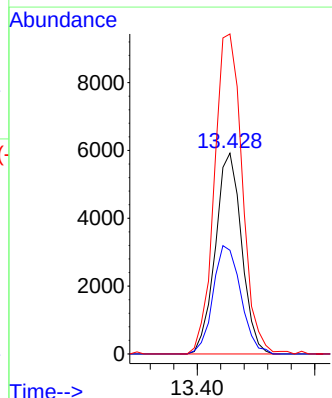
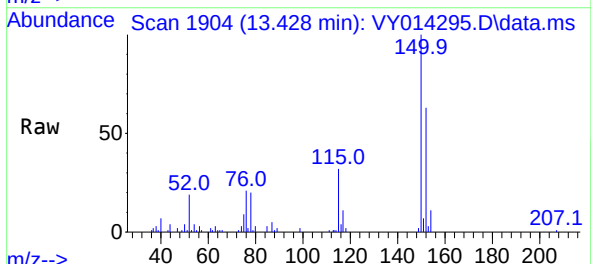
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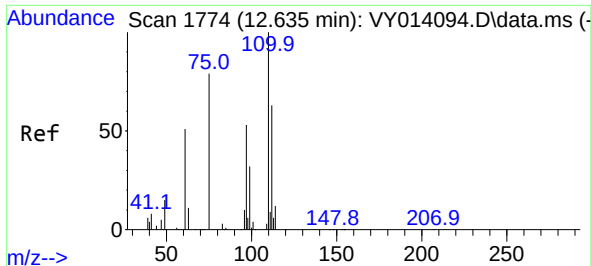
Tgt Ion:	117	Resp:	30799
Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.4	65.0
119	29.7	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY014295.D
Acq: 20 Jun 2023 19:50

Tgt Ion:	152	Resp:	9193
Ion	Ratio	Lower	Upper
152	100		
115	57.1	28.8	86.5
150	169.3	0.0	348.8

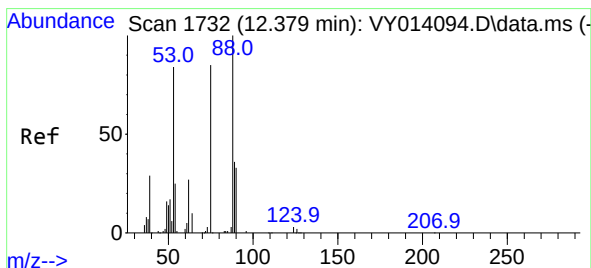
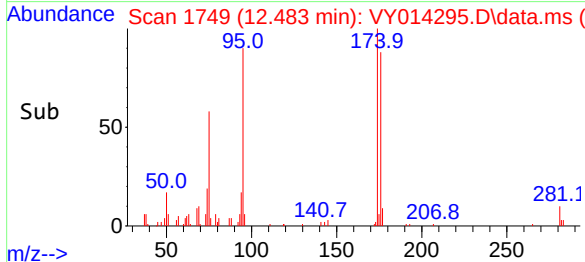
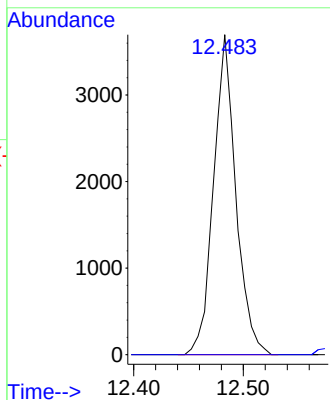
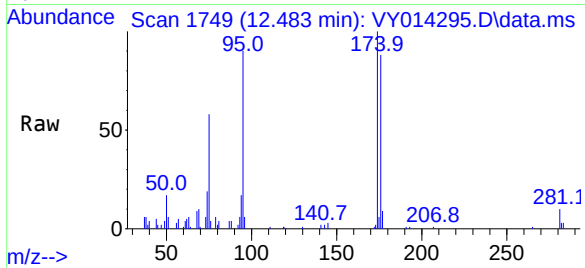




#76
1,2,3-Trichloropropane
Concen: 43.363 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY014295.D
Acq: 20 Jun 2023 19:50

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TW-04-GRAB-7

Tgt Ion: 75 Resp: 5230
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 93.734 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY014295.D
Acq: 20 Jun 2023 19:50

Tgt Ion: 75 Resp: 5230
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

