

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050323\
 Data File : VY013589.D
 Acq On : 03 May 2023 18:08
 Operator : KP/MD
 Sample : 02559-02
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: May 04 01:21:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

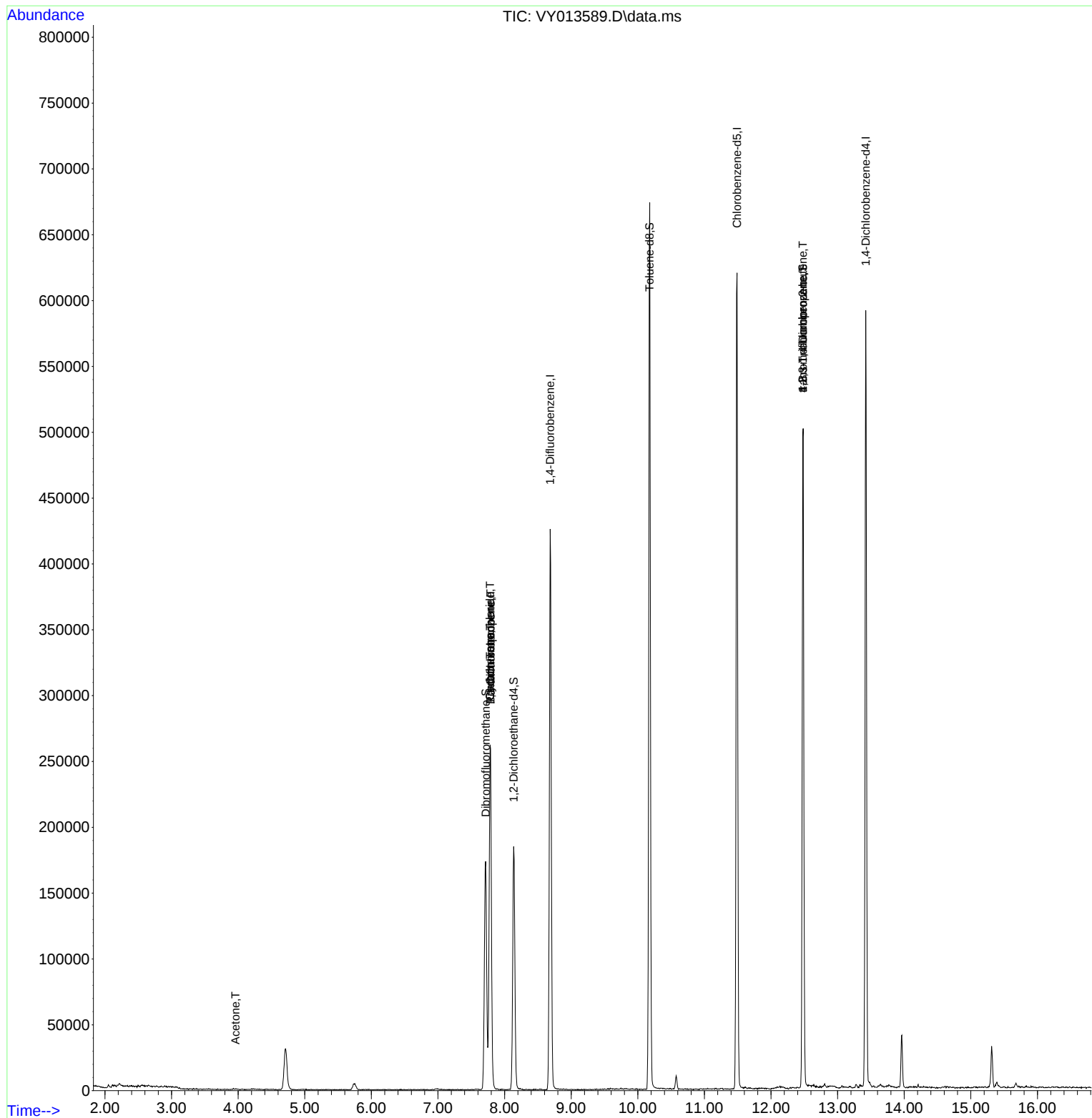
Internal Standards						
1) Pentafluorobenzene	7.789	168	206926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	351366	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	336204	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	149416	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	151054	66.592	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.180%	
35) Dibromofluoromethane	7.716	113	120432	54.496	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.000%	
50) Toluene-d8	10.179	98	434493	55.268	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.540%	
62) 4-Bromofluorobenzene	12.477	95	138472	52.247	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.500%	
Target Compounds						
					Qvalue	
13) Acrolein	3.729	56	56	Below Cal	#	16
16) Acetone	3.960	43	1149	1.286	ug/l #	43
31) Cyclohexane	7.783	56	4748	1.169	ug/l #	27
36) 1,1-Dichloropropene	7.789	75	16222	4.423	ug/l #	50
38) Carbon Tetrachloride	7.783	117	19485	5.069	ug/l #	18
76) 1,2,3-Trichloropropane	12.477	75	73602	36.526	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	73602	74.716	ug/l #	13

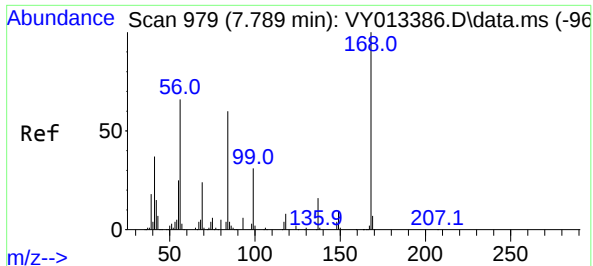
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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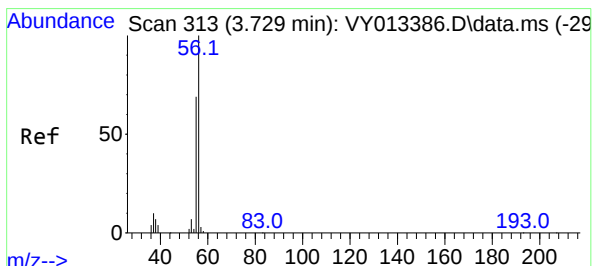
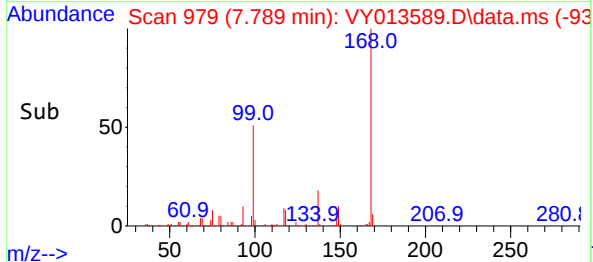
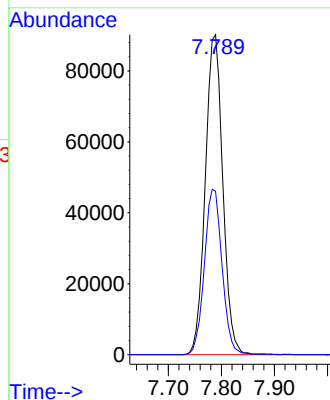
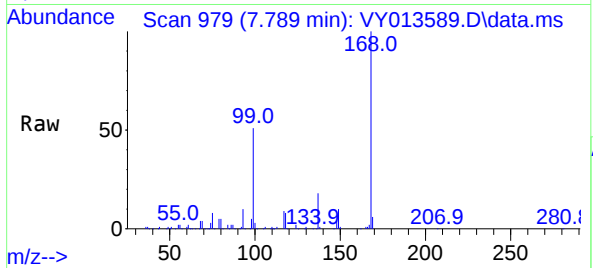




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013589.D
Acq: 03 May 2023 18:08

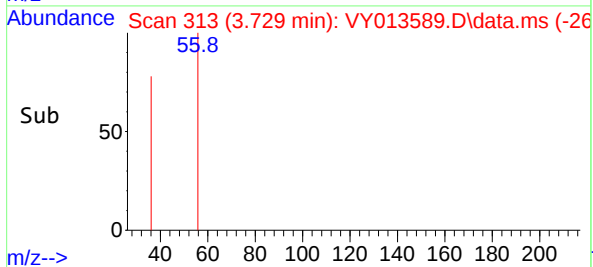
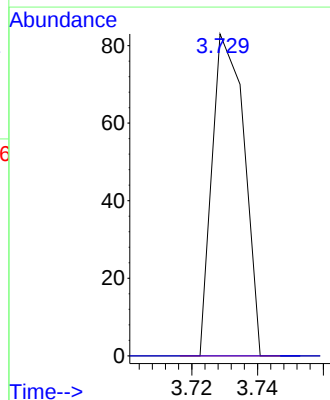
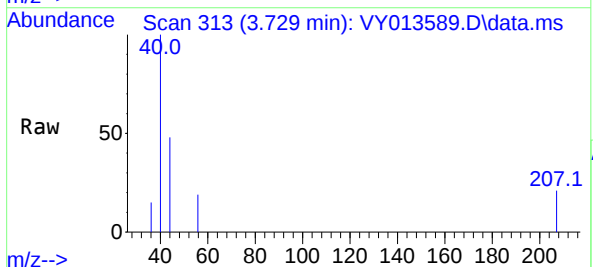
Instrument :
MSVOA_Y
ClientSampleId :
VOC

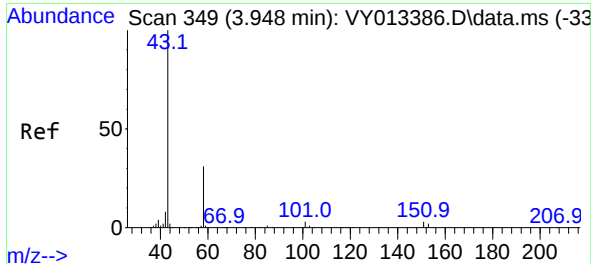
Tgt Ion:168 Resp: 206926
Ion Ratio Lower Upper
168 100
99 51.0 41.8 62.6



#13
Acrolein
Concen: Below Cal
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY013589.D
Acq: 03 May 2023 18:08

Tgt Ion: 56 Resp: 56
Ion Ratio Lower Upper
56 100
55 0.0 54.1 81.1#





#16

Acetone

Concen: 1.286 ug/l

RT: 3.960 min Scan# 3

Delta R.T. 0.012 min

Lab File: VY013589.D

Acq: 03 May 2023 18:08

Instrument :

MSVOA_Y

ClientSampleId :

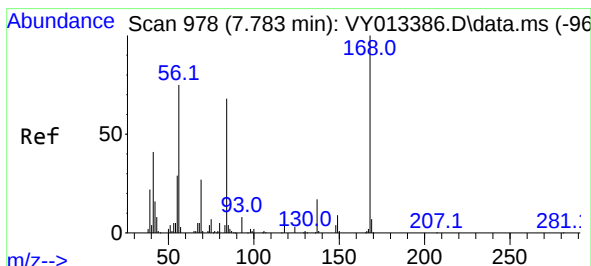
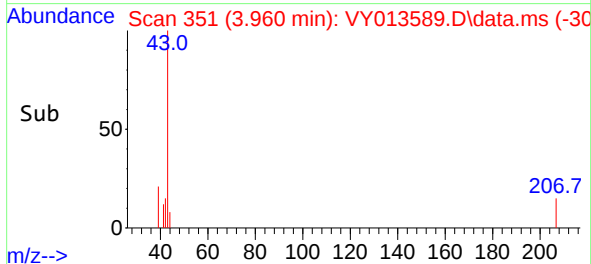
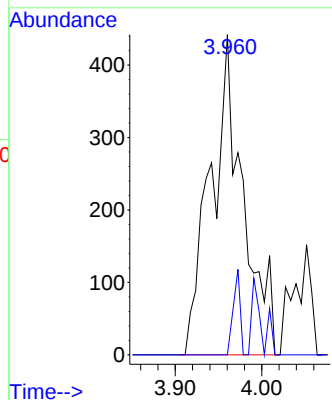
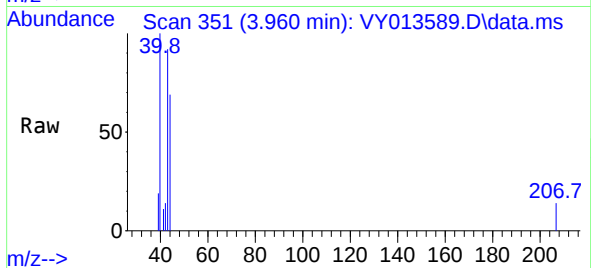
VOC

Tgt Ion: 43 Resp: 1149

Ion Ratio Lower Upper

43 100

58 0.0 25.4 38.0#



#31

Cyclohexane

Concen: 1.169 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY013589.D

Acq: 03 May 2023 18:08

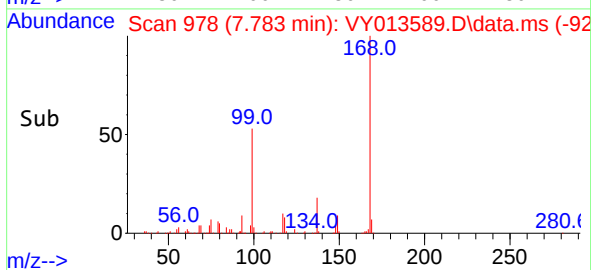
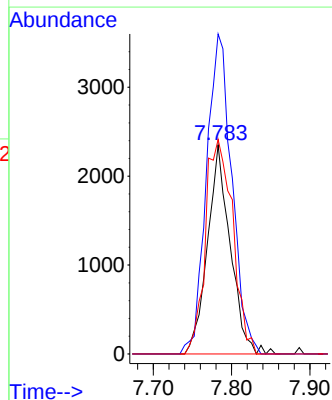
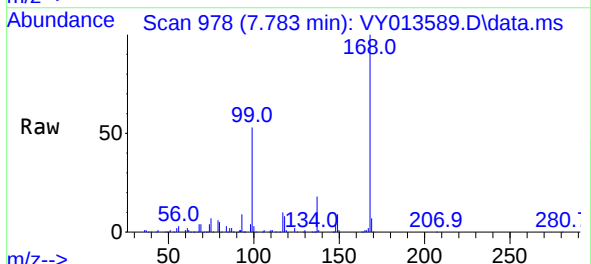
Tgt Ion: 56 Resp: 4748

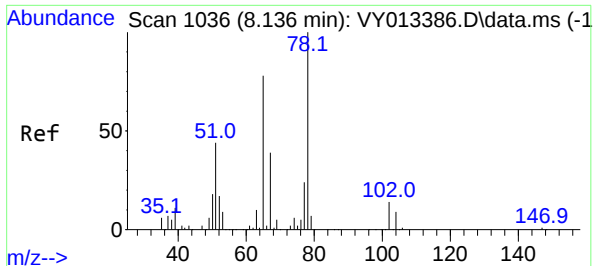
Ion Ratio Lower Upper

56 100

69 153.1 29.2 43.8#

84 113.0 73.0 109.6#

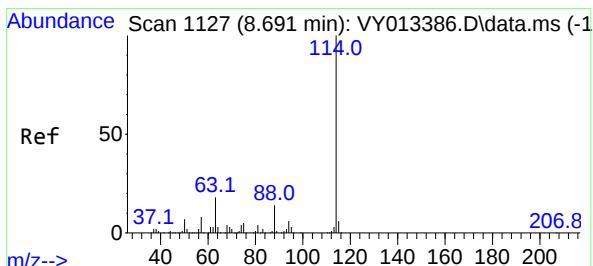
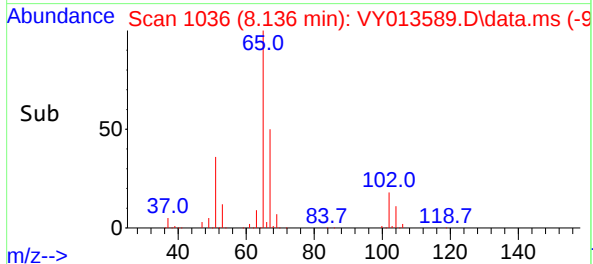
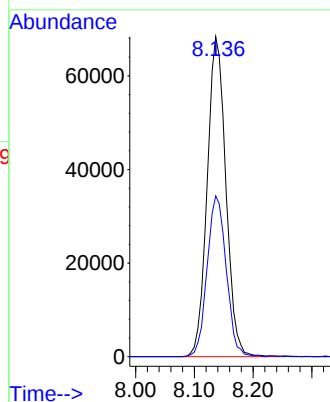
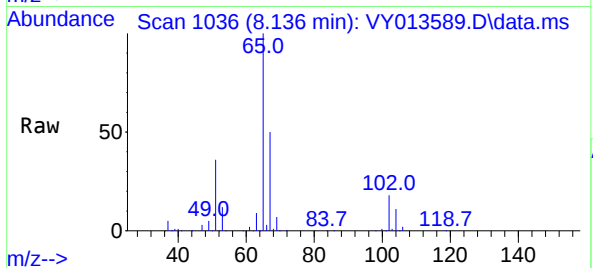




#33
1,2-Dichloroethane-d4
Concen: 66.592 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013589.D
Acq: 03 May 2023 18:08

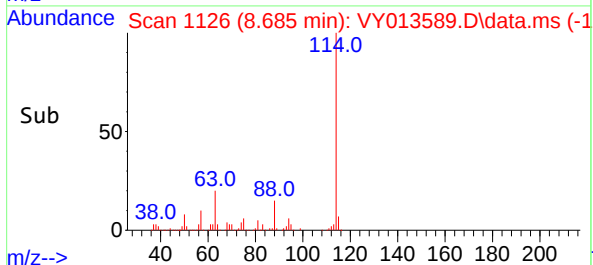
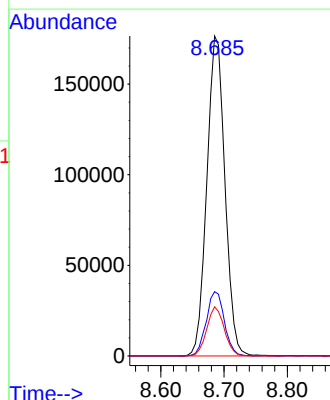
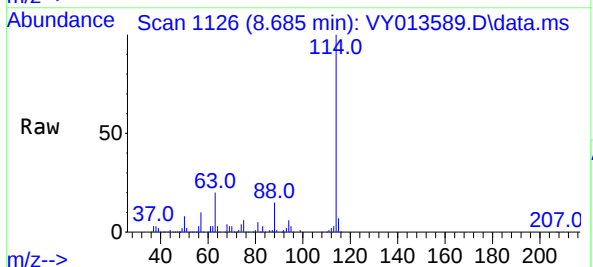
Instrument :
MSVOA_Y
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VOC

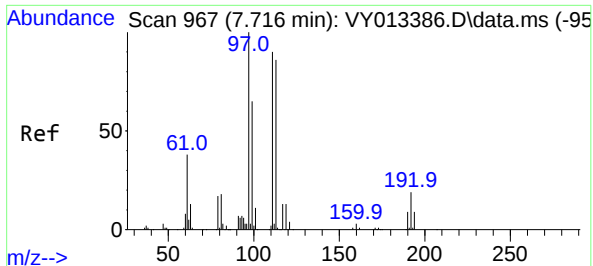
Tgt Ion: 65 Resp: 151054
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY013589.D
Acq: 03 May 2023 18:08

Tgt Ion: 114 Resp: 351366
Ion Ratio Lower Upper
114 100
63 20.1 0.0 36.6
88 15.3 0.0 28.8

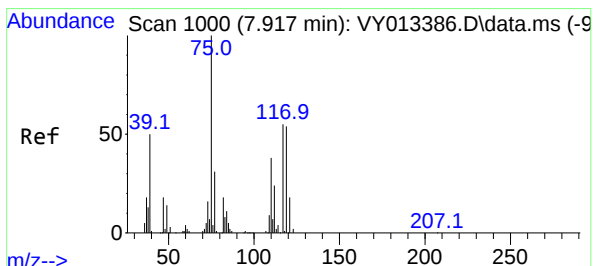
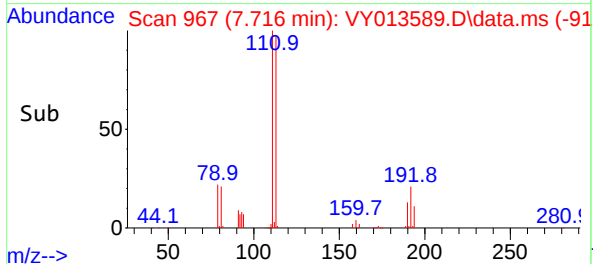
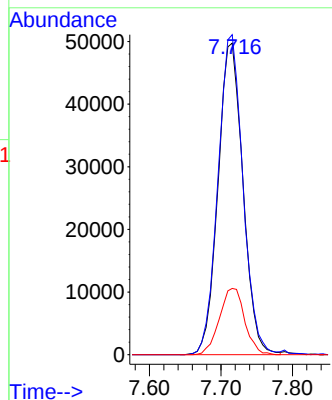
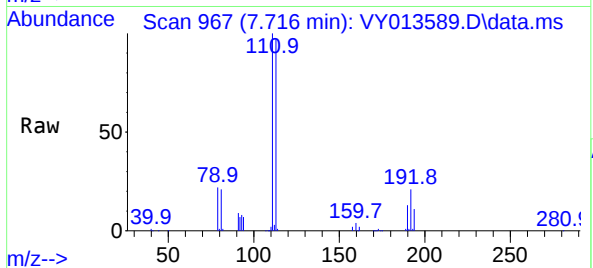




#35
Dibromofluoromethane
Concen: 54.496 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY013589.D
Acq: 03 May 2023 18:08

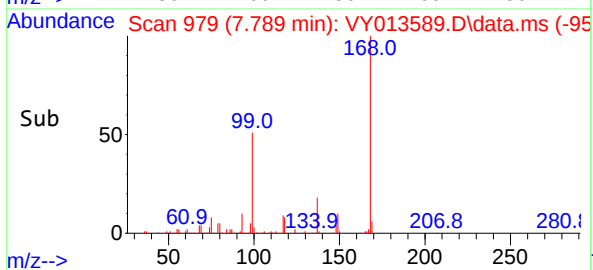
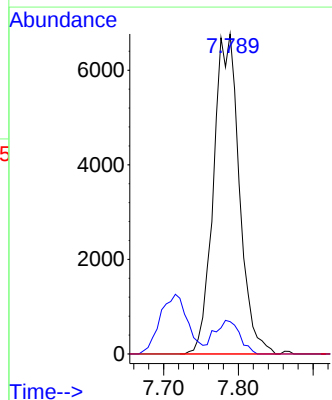
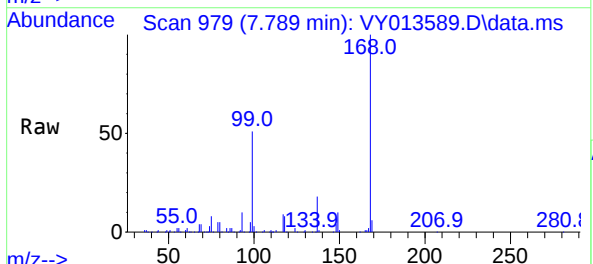
Instrument :
MSVOA_Y
ClientSampleId :
VOC

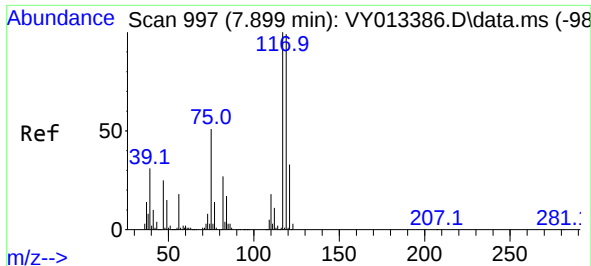
Tgt Ion:113 Resp: 120432
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 21.5 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.423 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY013589.D
Acq: 03 May 2023 18:08

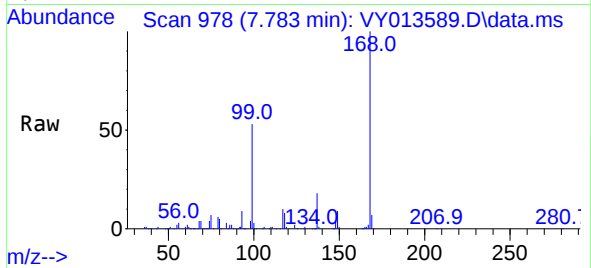
Tgt Ion: 75 Resp: 16222
Ion Ratio Lower Upper
75 100
110 10.4 18.7 56.1#
77 0.0 24.6 37.0#



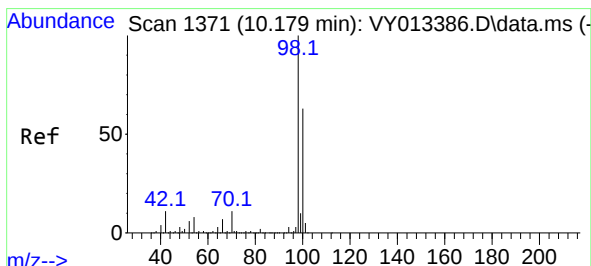
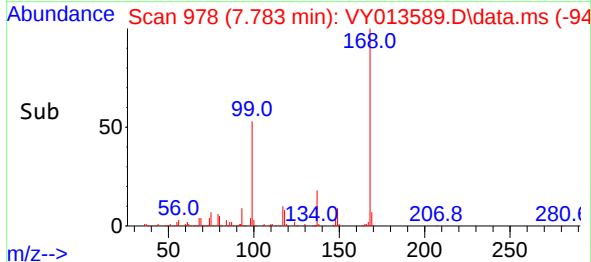
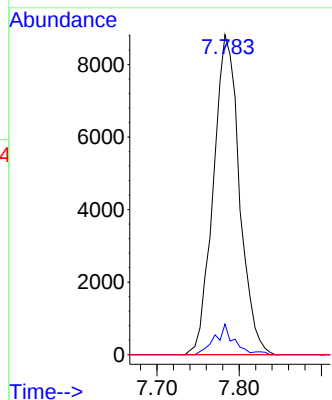


#38
Carbon Tetrachloride
Concen: 5.069 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY013589.D
Acq: 03 May 2023 18:08

Instrument :
MSVOA_Y
ClientSampleId :
VOC

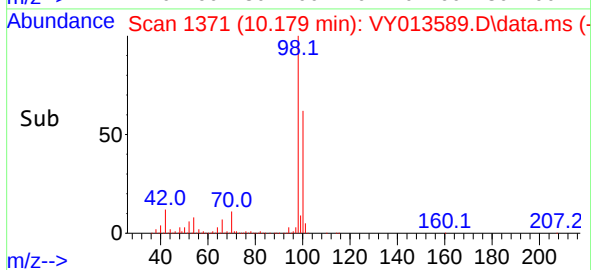
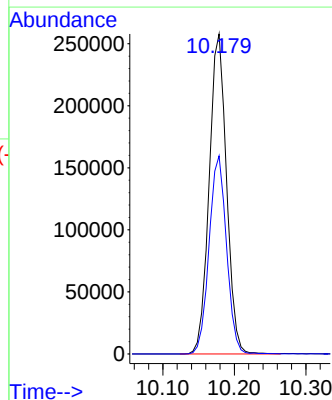
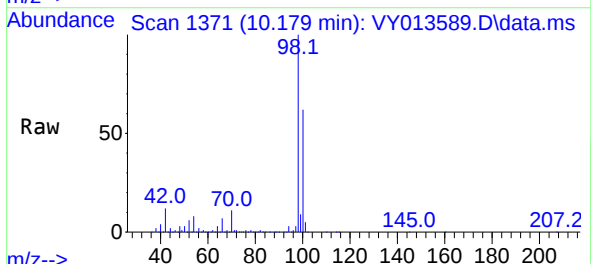


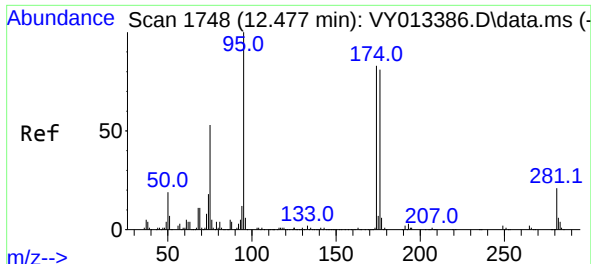
Tgt Ion:117 Resp: 19485
Ion Ratio Lower Upper
117 100
119 9.6 79.0 118.6#
121 0.0 26.6 40.0#



#50
Toluene-d8
Concen: 55.268 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013589.D
Acq: 03 May 2023 18:08

Tgt Ion: 98 Resp: 434493
Ion Ratio Lower Upper
98 100
100 62.2 50.5 75.7

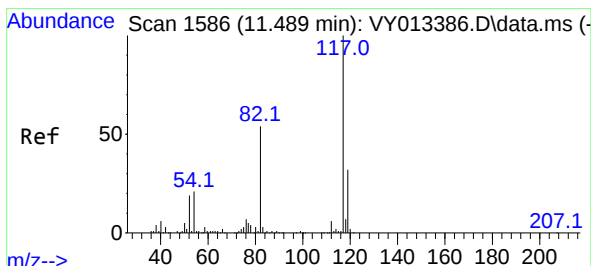
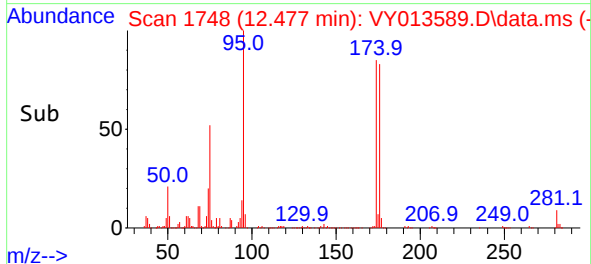
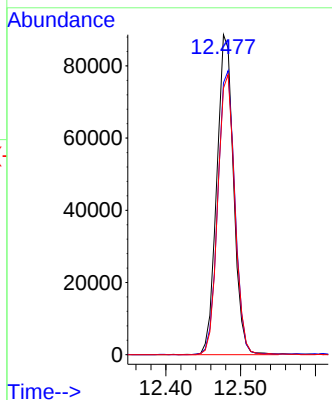
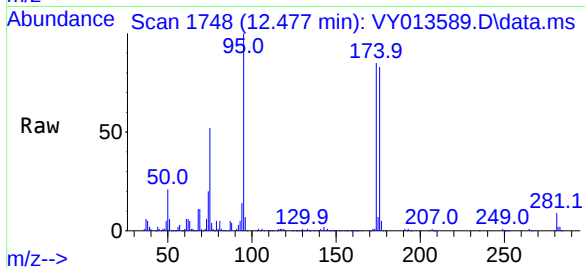




#62
4-Bromofluorobenzene
Concen: 52.247 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013589.D
Acq: 03 May 2023 18:08

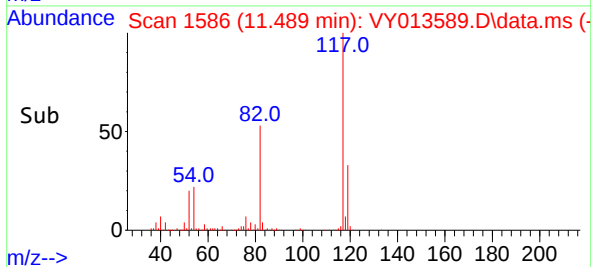
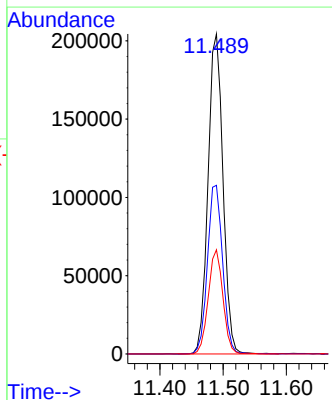
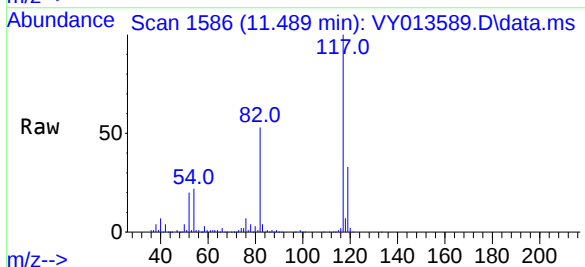
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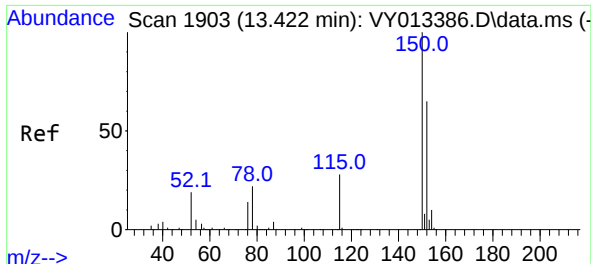
Tgt Ion: 95 Resp: 138472
Ion Ratio Lower Upper
95 100
174 90.1 0.0 182.0
176 88.8 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013589.D
Acq: 03 May 2023 18:08

Tgt Ion: 117 Resp: 336204
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.6
119 32.5 25.5 38.3

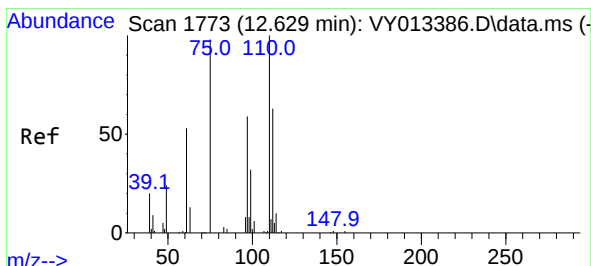
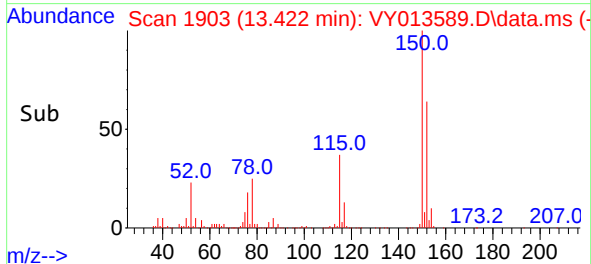
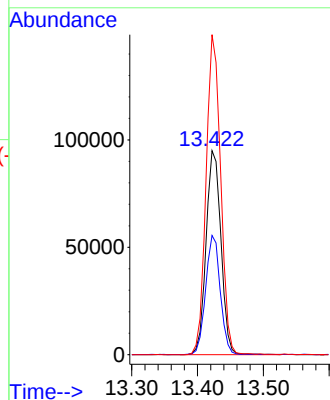
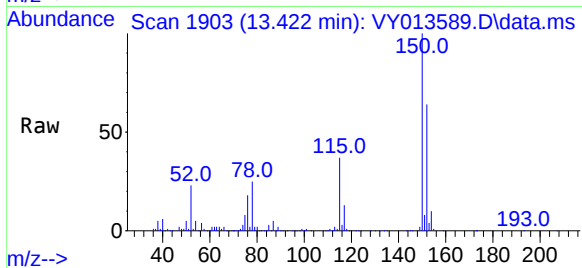




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY013589.D
Acq: 03 May 2023 18:08

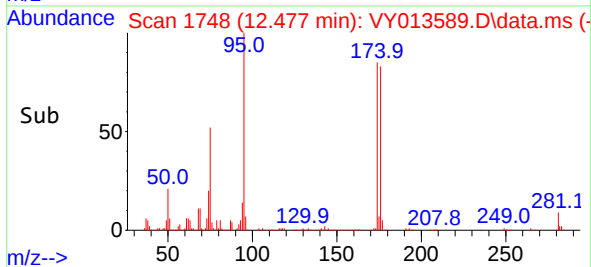
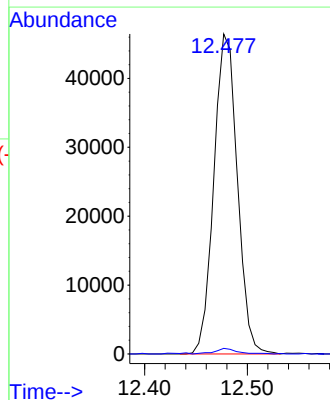
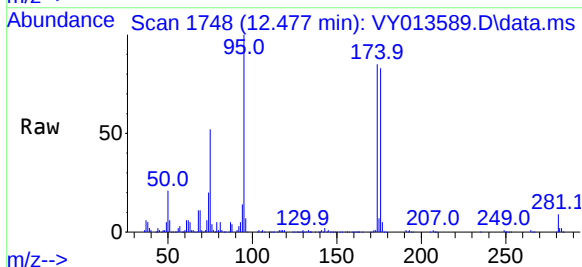
Instrument :
MSVOA_Y
ClientSampleId :
VOC

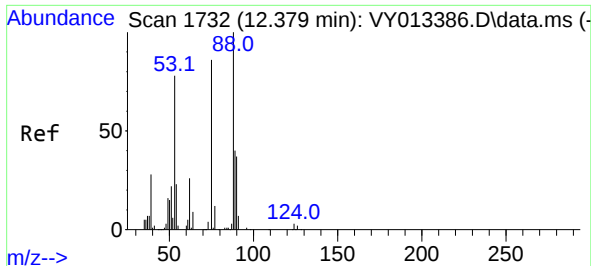
Tgt Ion:152 Resp: 149416
Ion Ratio Lower Upper
152 100
115 57.8 28.1 84.2
150 153.8 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 36.526 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY013589.D
Acq: 03 May 2023 18:08

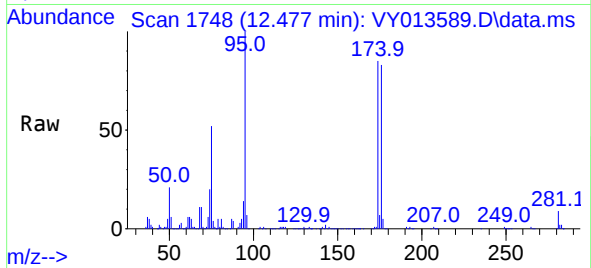
Tgt Ion: 75 Resp: 73602
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.716 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY013589.D
 Acq: 03 May 2023 18:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC



Tgt Ion: 75 Resp: 73602
 Ion Ratio Lower Upper
 75 100
 53 0.2 73.2 109.8#
 89 0.1 38.0 57.0#

