

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062323\
 Data File : VY014411.D
 Acq On : 23 Jun 2023 16:38
 Operator : KP/MD
 Sample : 03329-17RE
 Misc : 4.14g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SW01-0-8-GRAB-6

Quant Time: Jun 23 17:38:36 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)

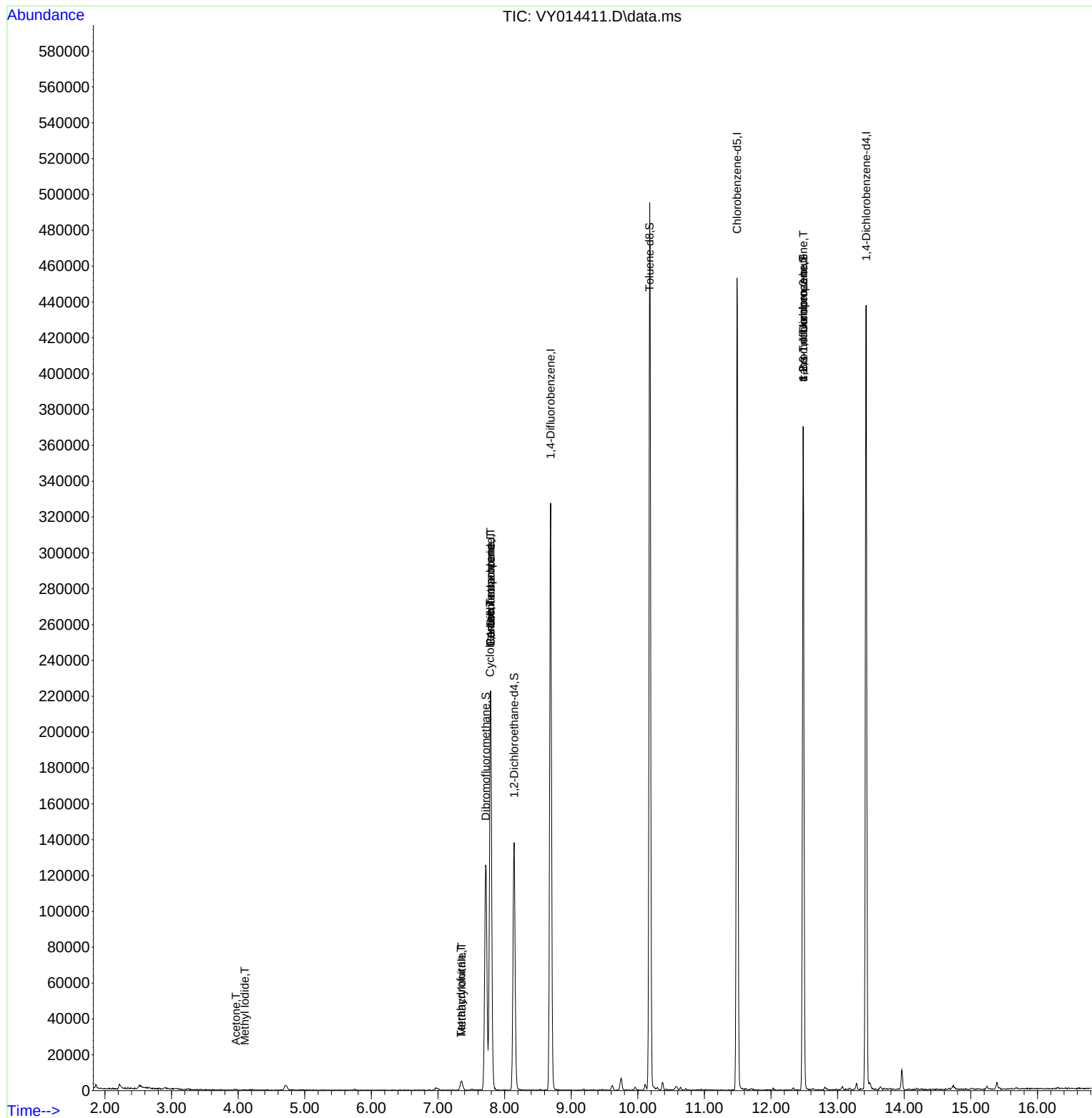
Internal Standards						
1) Pentafluorobenzene	7.789	168	174651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	268855	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	246578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	110560	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	120309	55.482	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.960%	
35) Dibromofluoromethane	7.716	113	84259	50.727	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.460%	
50) Toluene-d8	10.179	98	320909	48.602	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.200%	
62) 4-Bromofluorobenzene	12.483	95	98417	41.751	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 83.500%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.101	142	100	2.919	ug/l #	90
11) Tert butyl alcohol	4.972	59	130	Below Cal	#	89
16) Acetone	3.966	43	704	1.032	ug/l #	46
20) Methylene Chloride	4.722	84	2074	Below Cal	#	74
29) Tetrahydrofuran	7.344	42	3715	7.331	ug/l #	84
31) Cyclohexane	7.783	56	3913	1.461	ug/l #	38
36) 1,1-Dichloropropene	7.789	75	12567	4.910	ug/l #	52
38) Carbon Tetrachloride	7.789	117	17559	5.451	ug/l #	17
41) Methacrylonitrile	7.356	41	2585	2.957	ug/l #	42
76) 1,2,3-Trichloropropane	12.483	75	56135	40.476	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	56135	92.150	ug/l #	11

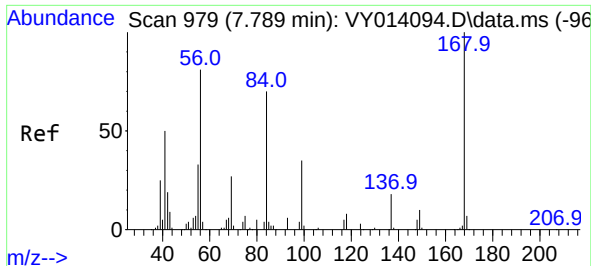
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062323\
Data File : VY014411.D
Acq On : 23 Jun 2023 16:38
Operator : KP/MD
Sample : 03329-17RE
Misc : 4.14g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SW01-0-8-GRAB-6

Quant Time: Jun 23 17:38:36 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

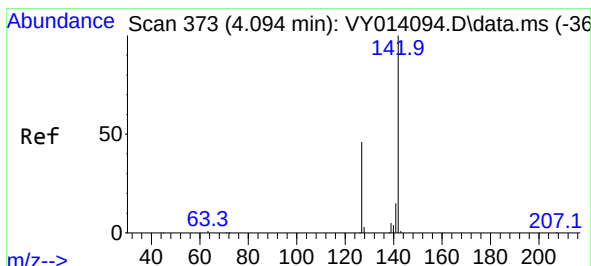
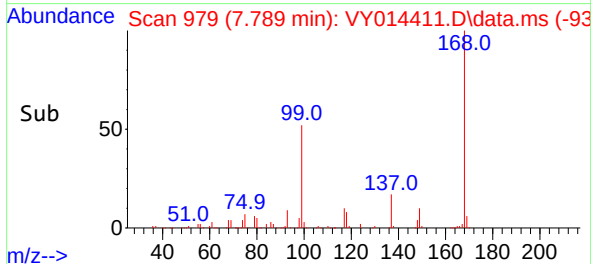
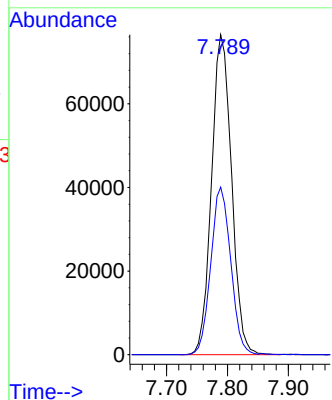
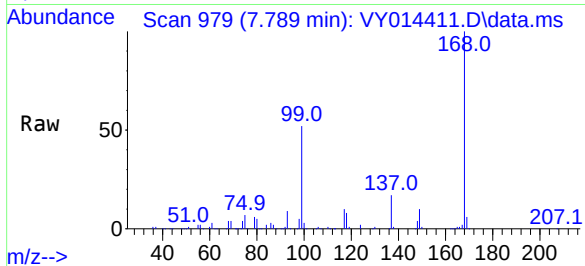




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014411.D
Acq: 23 Jun 2023 16:38

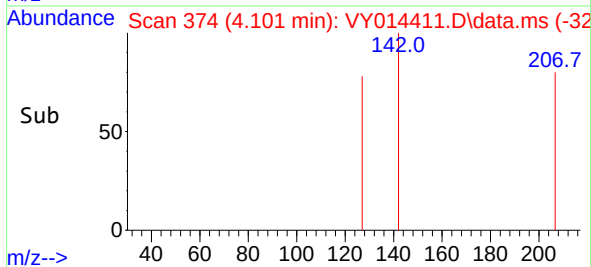
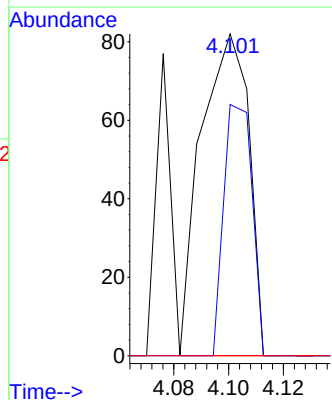
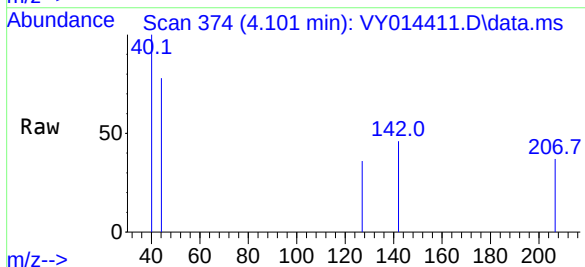
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SW01-0-8-GRAB-6

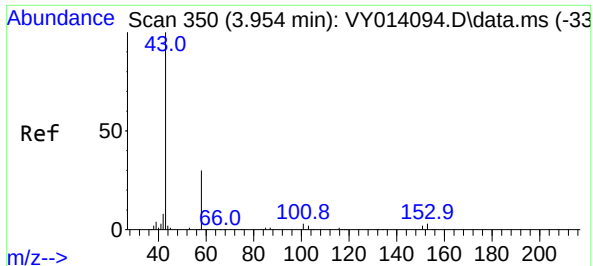
Tgt Ion:168 Resp: 174651
Ion Ratio Lower Upper
168 100
99 52.3 43.4 65.0



#10
Methyl Iodide
Concen: 2.919 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.007 min
Lab File: VY014411.D
Acq: 23 Jun 2023 16:38

Tgt Ion:142 Resp: 100
Ion Ratio Lower Upper
142 100
127 46.0 37.6 56.4
141 0.0 11.8 17.8#

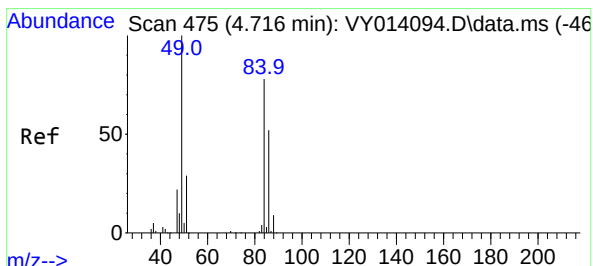
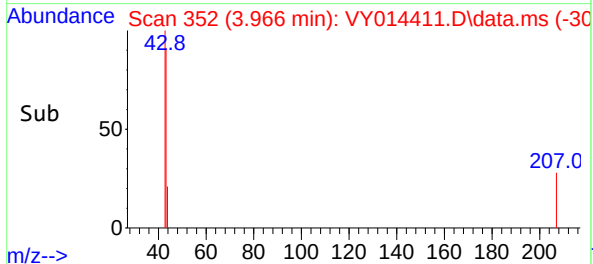
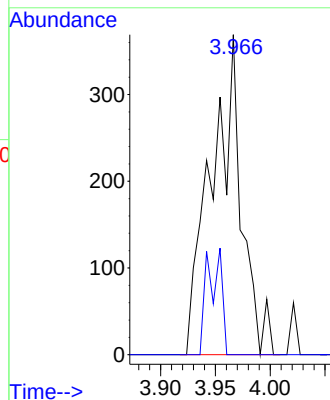
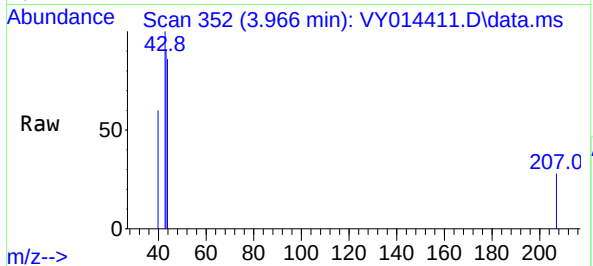




#16
Acetone
Concen: 1.032 ug/l
RT: 3.966 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY014411.D
Acq: 23 Jun 2023 16:38

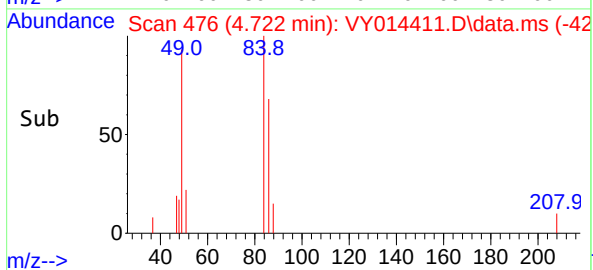
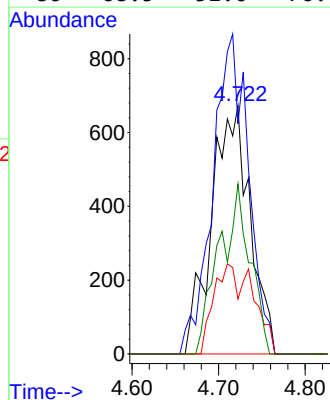
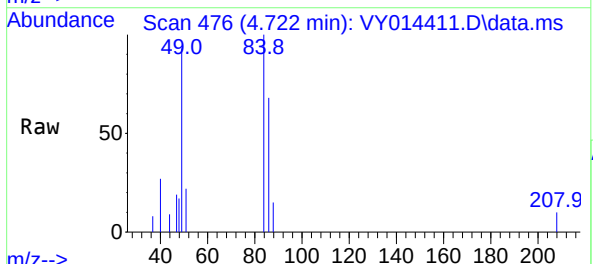
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SW01-0-8-GRAB-6

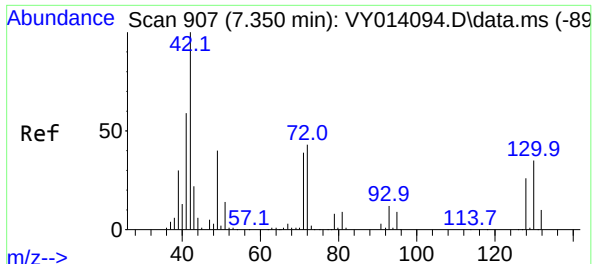
Tgt Ion: 43 Resp: 704
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY014411.D
Acq: 23 Jun 2023 16:38

Tgt Ion: 84 Resp: 2074
Ion Ratio Lower Upper
84 100
49 92.7 106.9 160.3#
51 22.1 33.2 49.8#
86 68.5 51.0 76.6



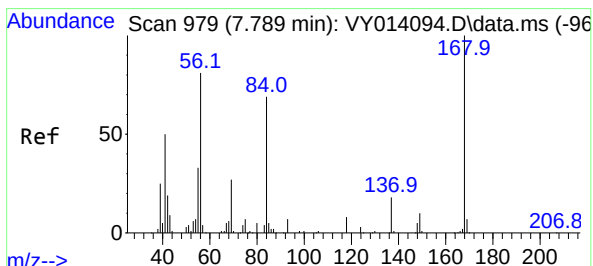
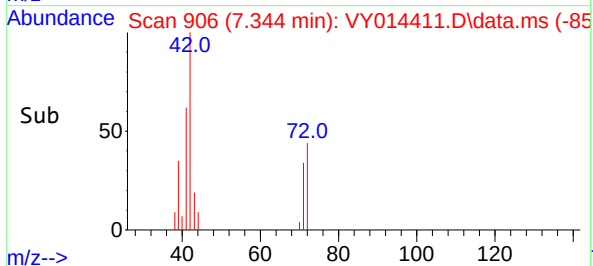
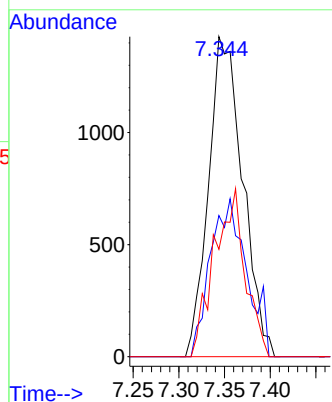
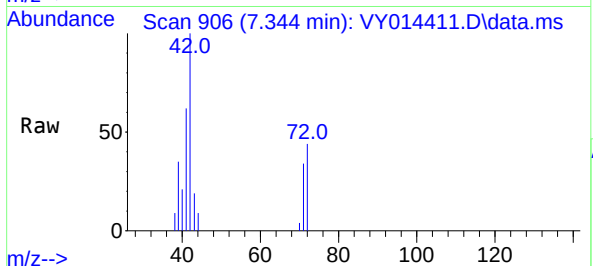


#29
Tetrahydrofuran
Concen: 7.331 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.006 min
Lab File: VY014411.D
Acq: 23 Jun 2023 16:38

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SW01-0-8-GRAB-6

Tgt Ion: 42 Resp: 3715

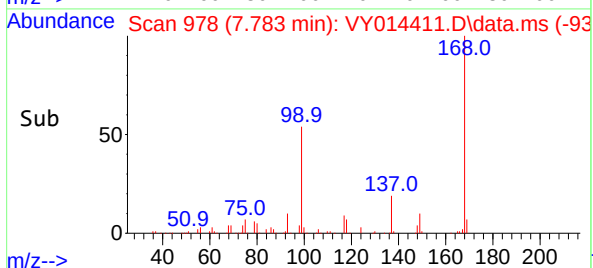
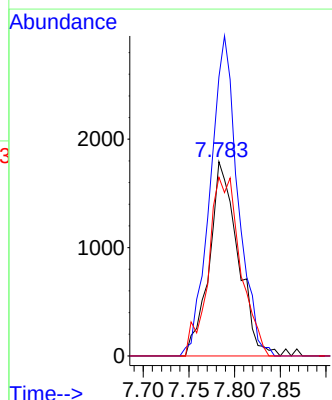
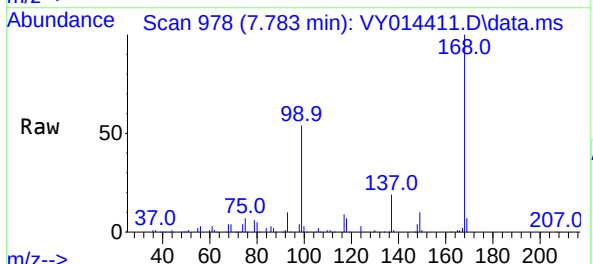
Ion	Ratio	Lower	Upper
42	100		
72	52.4	32.8	49.2#
71	47.4	31.0	46.4#

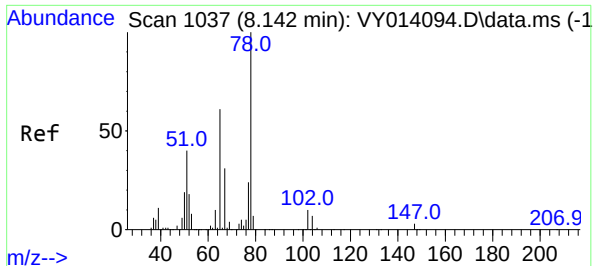


#31
Cyclohexane
Concen: 1.461 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY014411.D
Acq: 23 Jun 2023 16:38

Tgt Ion: 56 Resp: 3913

Ion	Ratio	Lower	Upper
56	100		
69	143.5	27.8	41.6#
84	92.0	66.4	99.6





#33

1,2-Dichloroethane-d4

Concen: 55.482 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY014411.D

Acq: 23 Jun 2023 16:38

Instrument :

MSVOA_Y

ClientSampleId :

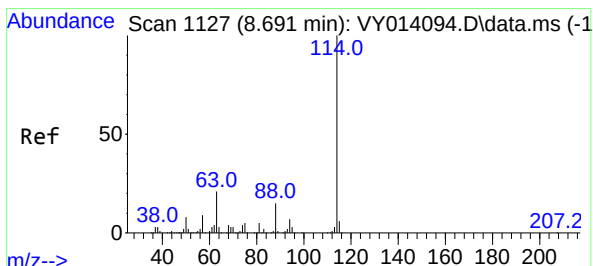
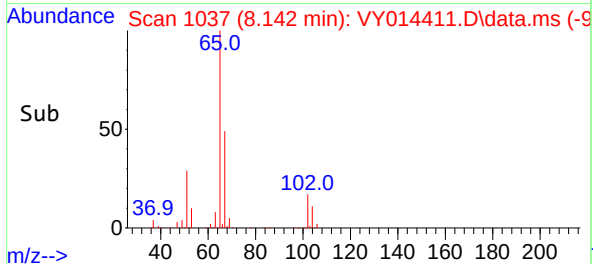
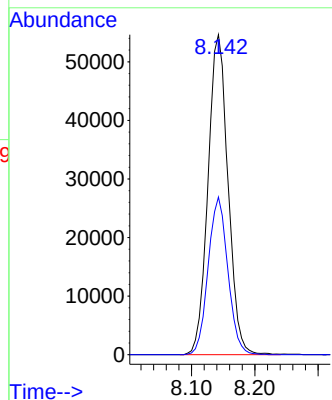
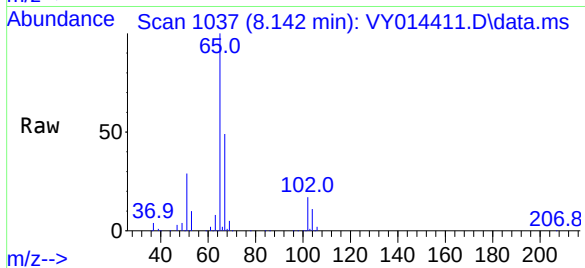
TOTAL-VOC-SW01-0-8-GRAB-6

Tgt Ion: 65 Resp: 120309

Ion Ratio Lower Upper

65 100

67 48.4 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: VY014411.D

Acq: 23 Jun 2023 16:38

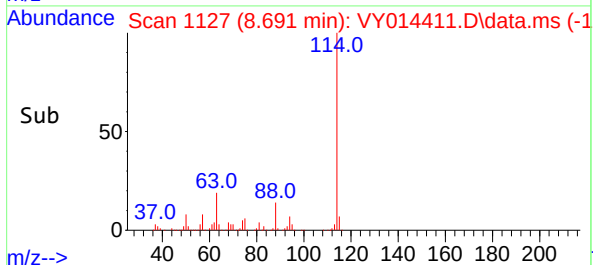
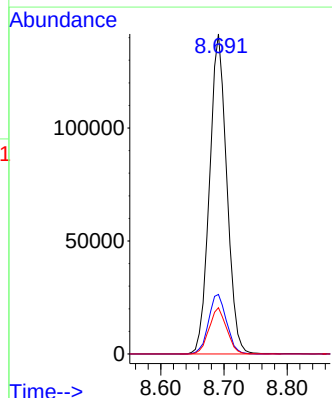
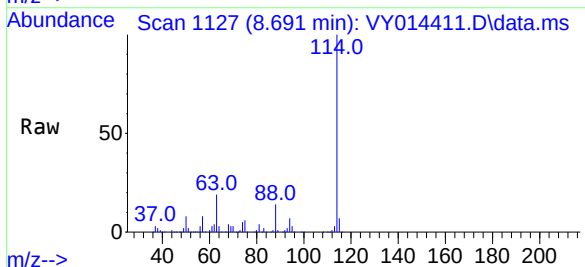
Tgt Ion: 114 Resp: 268855

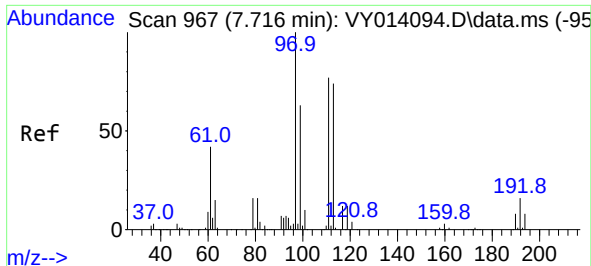
Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.4

88 14.5 0.0 30.6

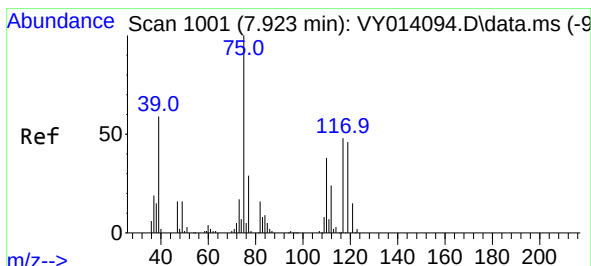
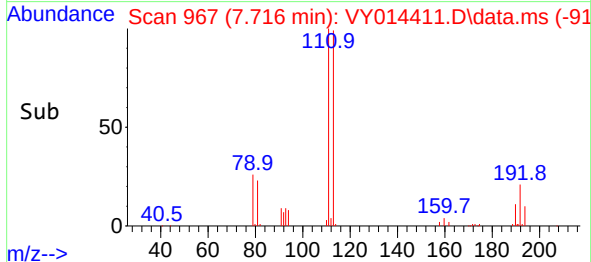
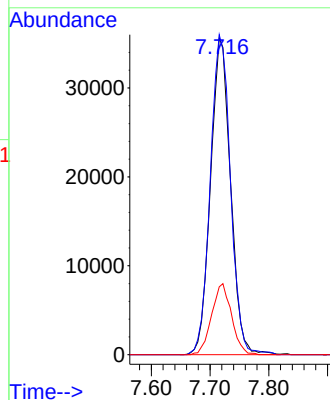
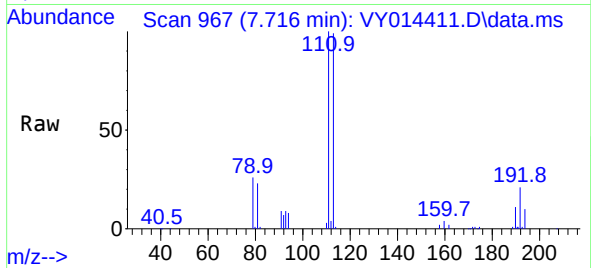




#35
Dibromofluoromethane
Concen: 50.727 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY014411.D
Acq: 23 Jun 2023 16:38

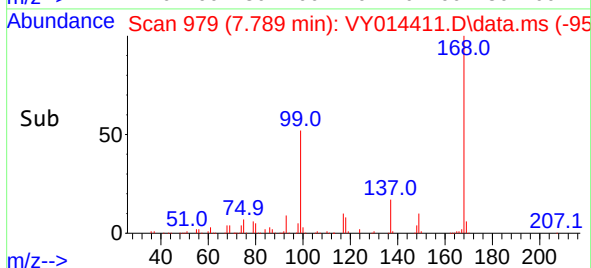
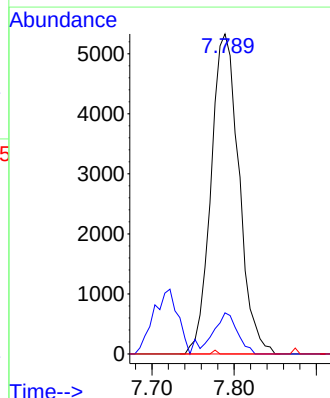
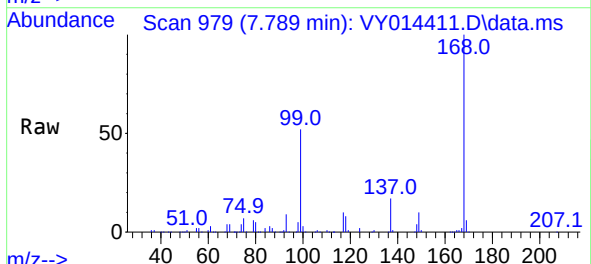
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SW01-0-8-GRAB-6

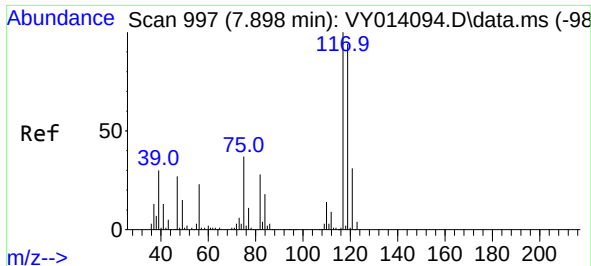
Tgt Ion:113 Resp: 84259
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 22.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.910 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY014411.D
Acq: 23 Jun 2023 16:38

Tgt Ion: 75 Resp: 12567
Ion Ratio Lower Upper
75 100
110 11.6 17.8 53.5#
77 0.2 24.4 36.6#

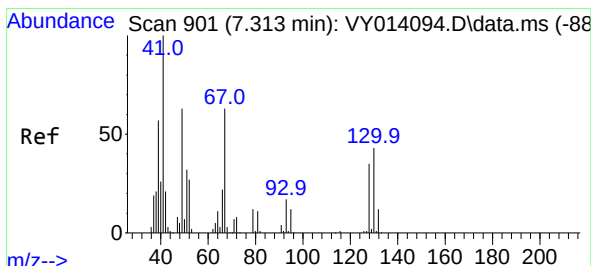
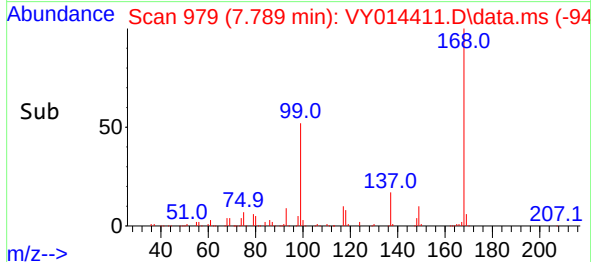
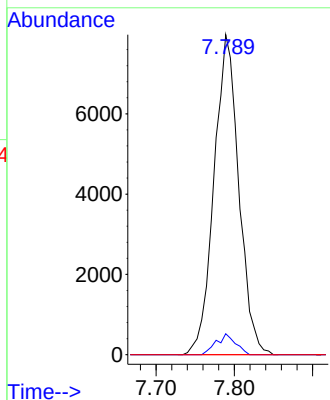
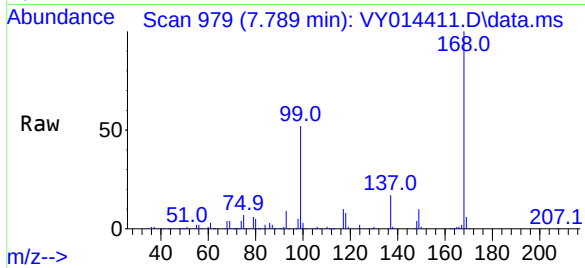




#38
Carbon Tetrachloride
Concen: 5.451 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY014411.D
Acq: 23 Jun 2023 16:38

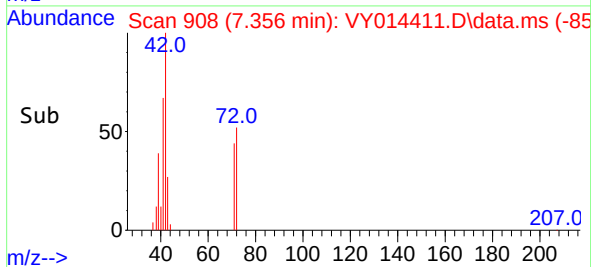
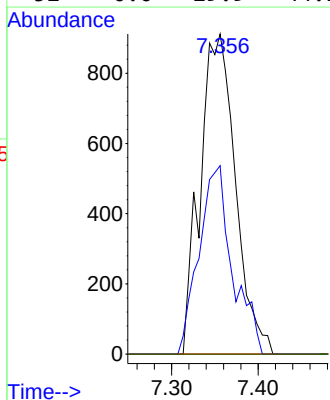
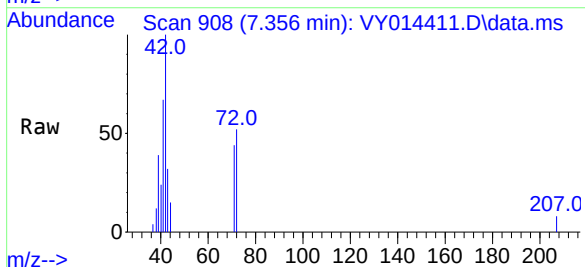
Instrument : MSVOA_Y
ClientSampleId : TOTAL-VOC-SW01-0-8-GRAB-6

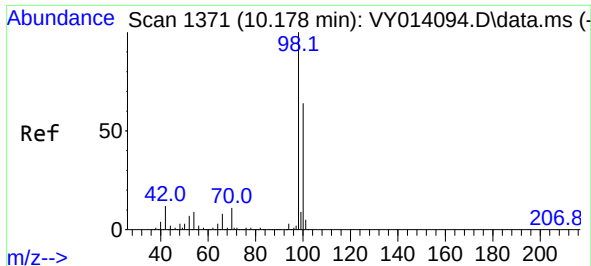
Tgt Ion:117 Resp: 17559
Ion Ratio Lower Upper
117 100
119 6.6 76.4 114.6#
121 0.0 25.8 38.6#



#41
Methacrylonitrile
Concen: 2.957 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.043 min
Lab File: VY014411.D
Acq: 23 Jun 2023 16:38

Tgt Ion: 41 Resp: 2585
Ion Ratio Lower Upper
41 100
39 55.7 52.1 78.1
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#

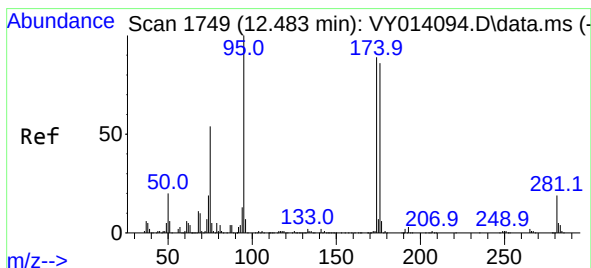
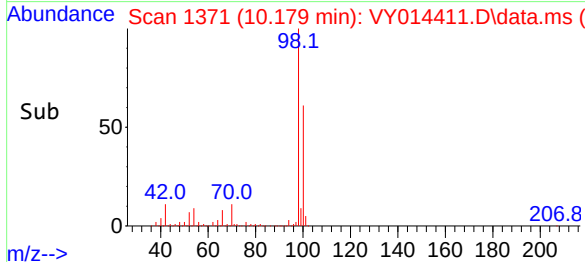
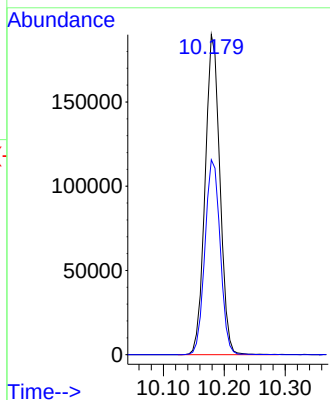
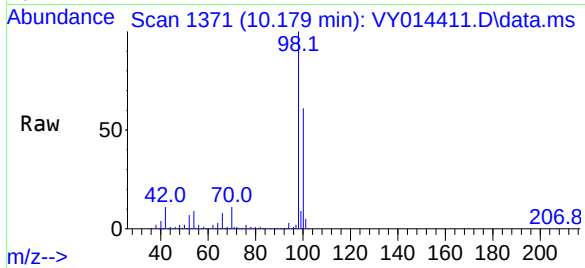




#50
Toluene-d8
Concen: 48.602 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014411.D
Acq: 23 Jun 2023 16:38

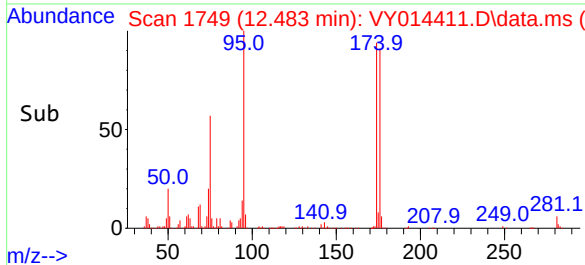
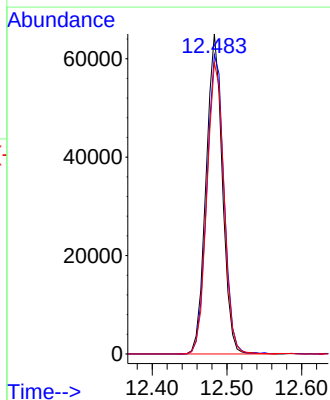
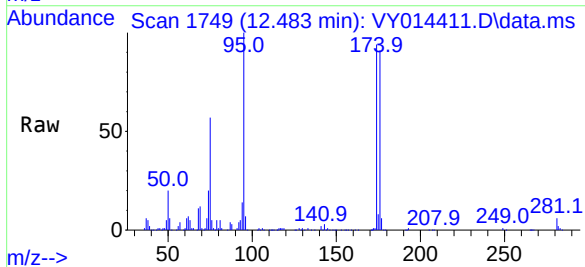
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SW01-0-8-GRAB-6

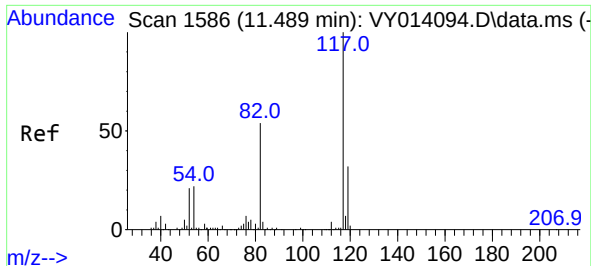
Tgt Ion: 98 Resp: 320909
Ion Ratio Lower Upper
98 100
100 62.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 41.751 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014411.D
Acq: 23 Jun 2023 16:38

Tgt Ion: 95 Resp: 98417
Ion Ratio Lower Upper
95 100
174 99.0 0.0 178.2
176 95.5 0.0 173.8

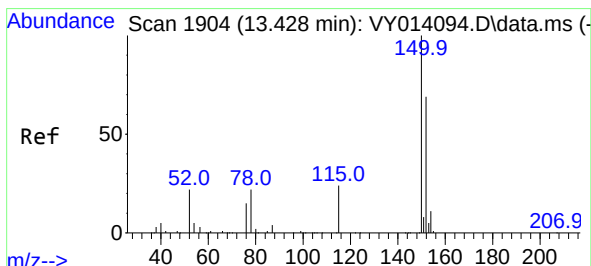
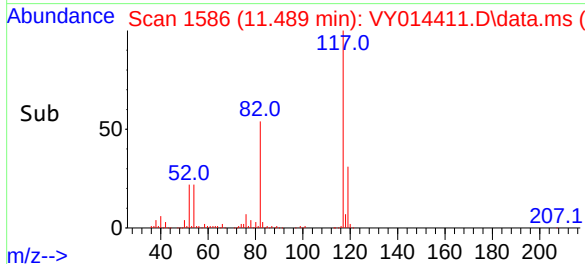
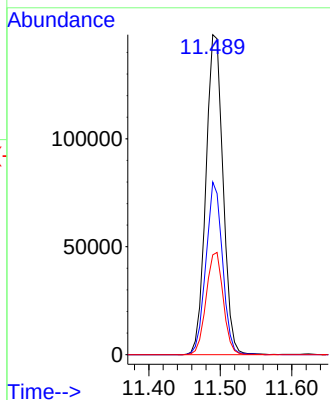
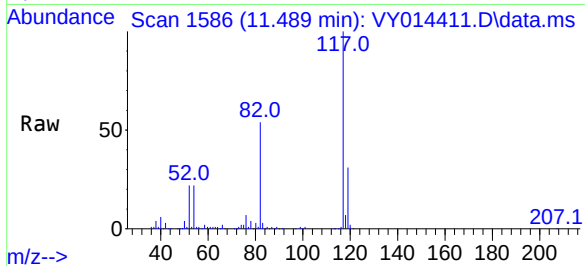




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014411.D
Acq: 23 Jun 2023 16:38

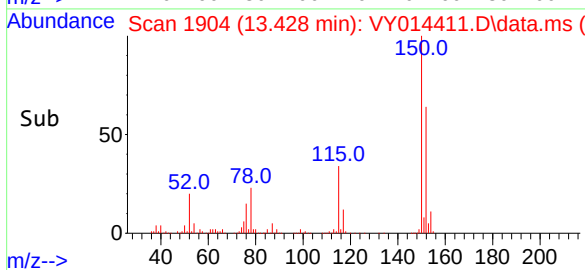
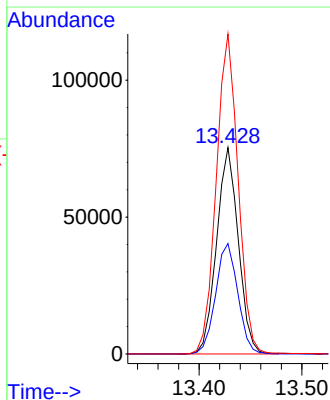
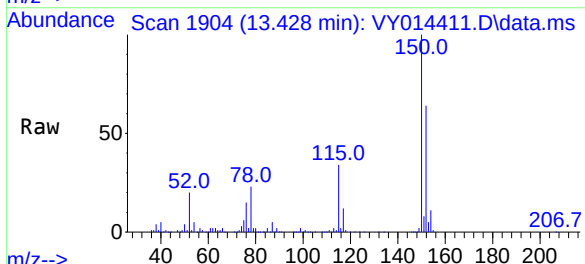
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SW01-0-8-GRAB-6

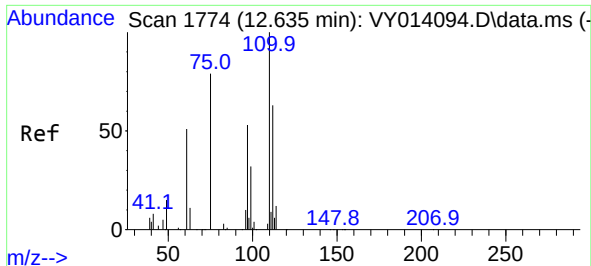
Tgt Ion:117 Resp: 246578
Ion Ratio Lower Upper
117 100
82 54.0 43.4 65.0
119 31.2 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY014411.D
Acq: 23 Jun 2023 16:38

Tgt Ion:152 Resp: 110560
Ion Ratio Lower Upper
152 100
115 54.7 28.8 86.5
150 156.1 0.0 348.8

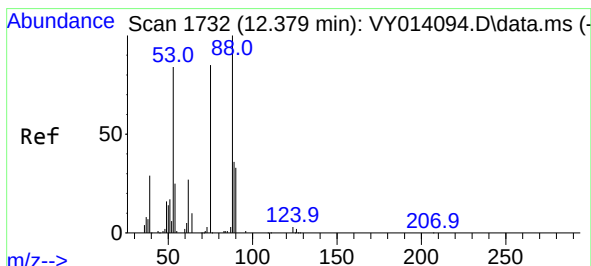
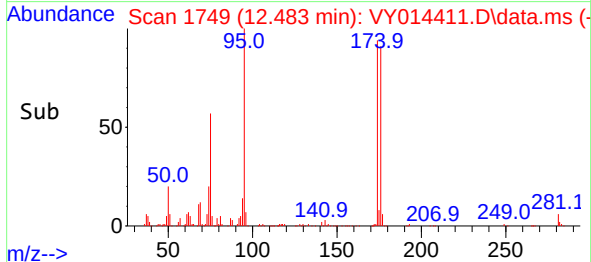
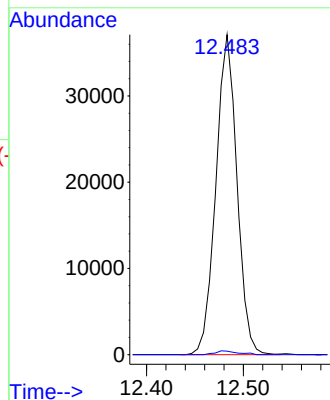
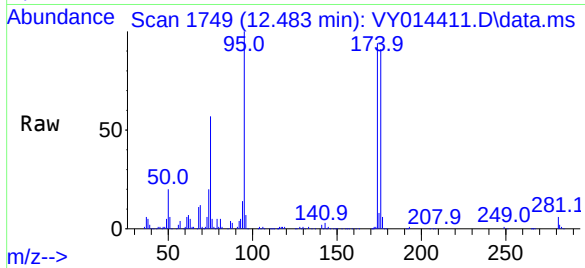




#76
1,2,3-Trichloropropane
Concen: 40.476 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY014411.D
Acq: 23 Jun 2023 16:38

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SW01-0-8-GRAB-6

Tgt Ion: 75 Resp: 56135
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.150 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY014411.D
Acq: 23 Jun 2023 16:38

Tgt Ion: 75 Resp: 56135
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

