

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030223\
 Data File : VY012783.D
 Acq On : 03 Mar 2023 00:33
 Operator : KP/MD
 Sample : 01739-19
 Misc : 15.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 35 Sample Multiplier: 1

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

Quant Time: Mar 03 02:04:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

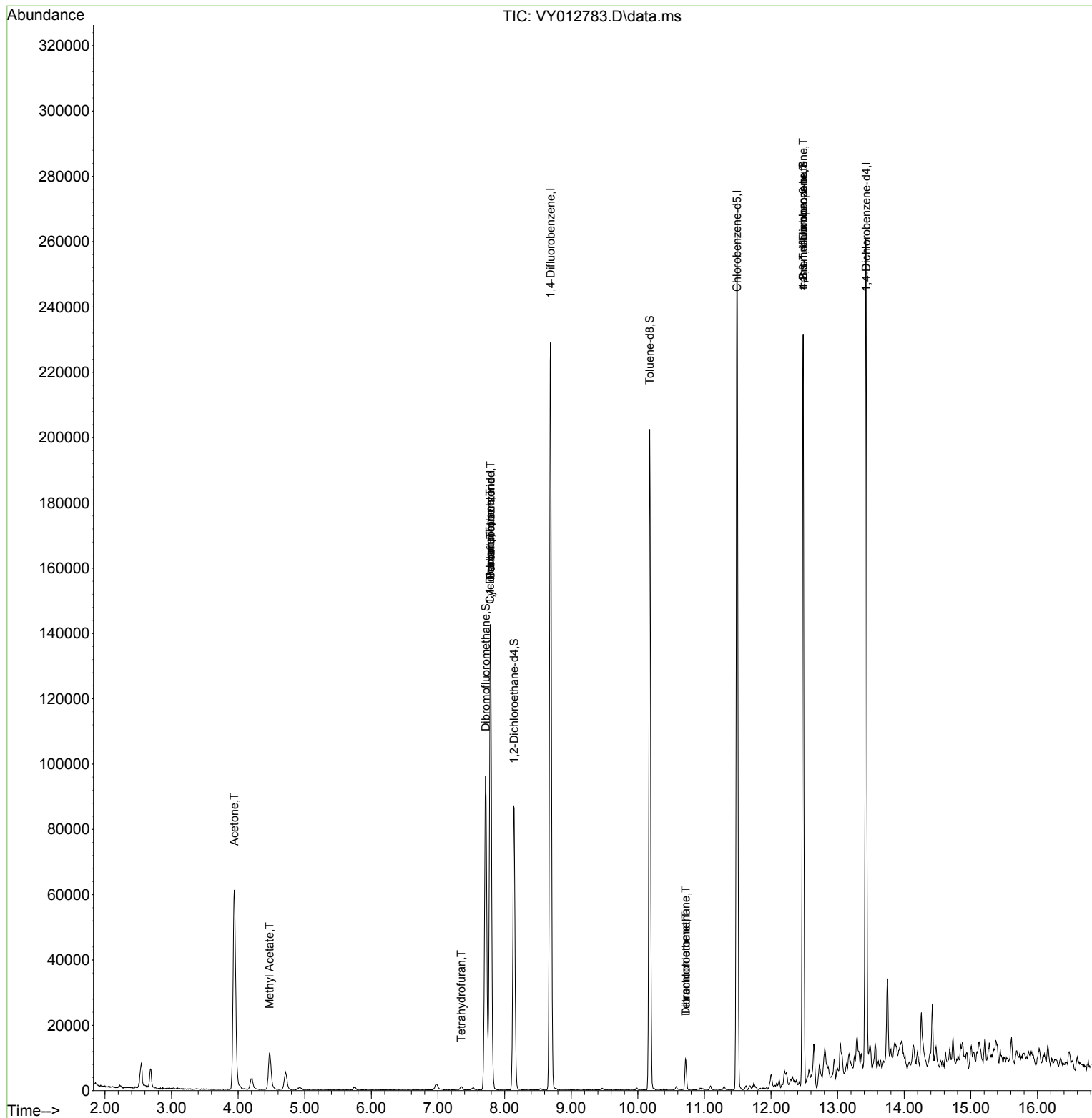
Internal Standards						
1) Pentafluorobenzene	7.789	168	110835	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	193681	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	143685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	67193	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	66453	60.387	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.780%	
35) Dibromofluoromethane	7.716	113	66981	57.304	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.600%	
50) Toluene-d8	10.179	98	130406	30.518	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 61.040%	
62) 4-Bromofluorobenzene	12.483	95	65453	45.381	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.760%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	461	Below Cal	#	74
16) Acetone	3.942	43	109414	253.312	ug/l	96
18) Methyl Acetate	4.472	43	22584	17.558	ug/l	98
20) Methylene Chloride	4.710	84	3826	Below Cal	#	93
29) Tetrahydrofuran	7.350	42	884	2.740	ug/l	# 82
31) Cyclohexane	7.783	56	2486	1.180	ug/l	# 1
36) 1,1-Dichloropropene	7.783	75	8412	4.295	ug/l	# 49
38) Carbon Tetrachloride	7.789	117	10565	5.223	ug/l	# 15
60) Dibromochloromethane	10.721	129	1823	1.348	ug/l	# 11
64) Tetrachloroethene	10.721	164	2080	1.988	ug/l	88
76) 1,2,3-Trichloropropane	12.483	75	34759	43.319	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	34759	89.759	ug/l	# 13

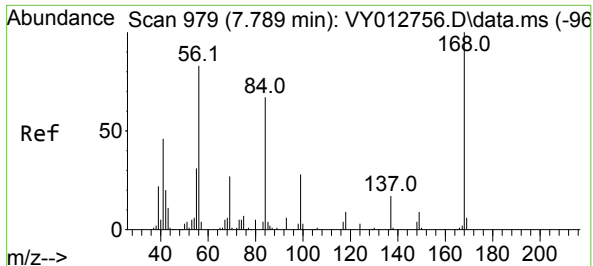
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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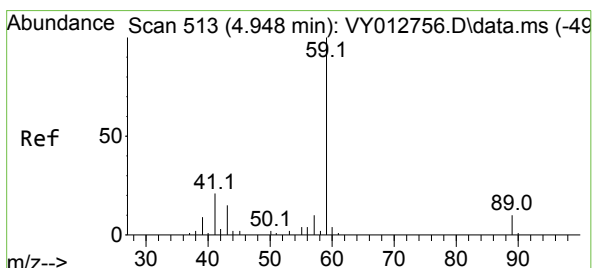
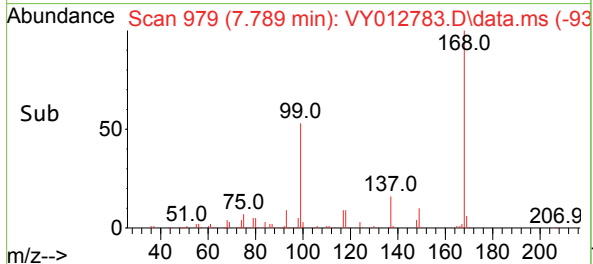
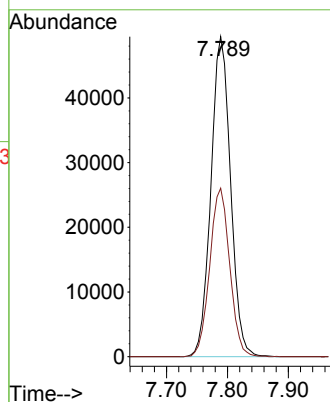
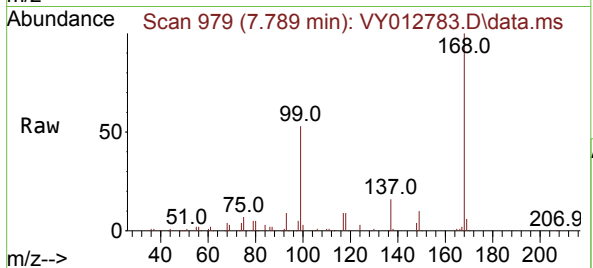




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012783.D
Acq: 03 Mar 2023 00:33

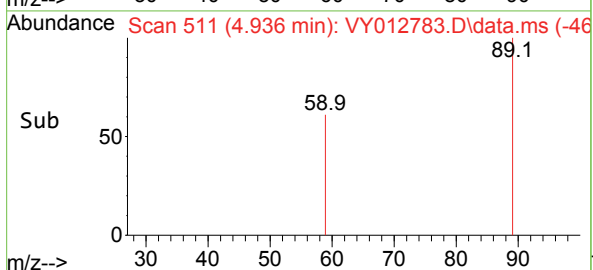
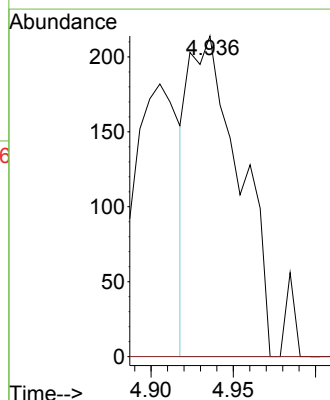
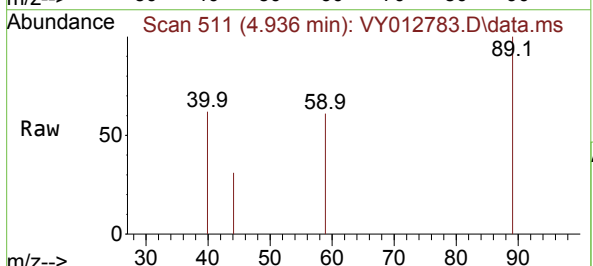
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-6-GRAB-8

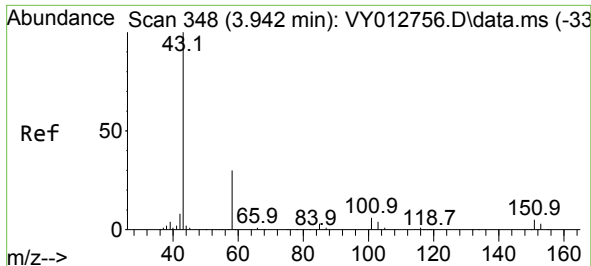
Tgt Ion:168 Resp: 110835
Ion Ratio Lower Upper
168 100
99 52.6 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY012783.D
Acq: 03 Mar 2023 00:33

Tgt Ion: 59 Resp: 461
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

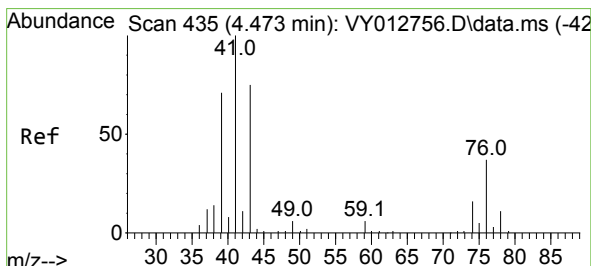
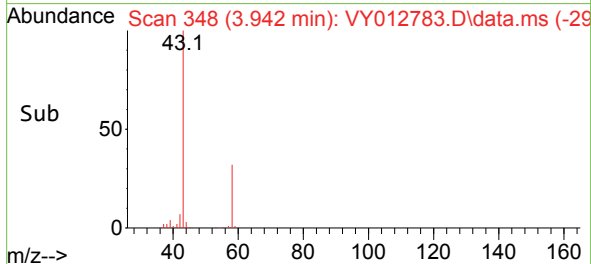
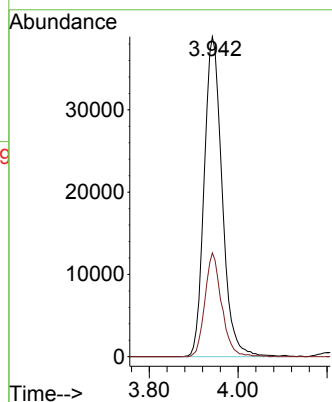
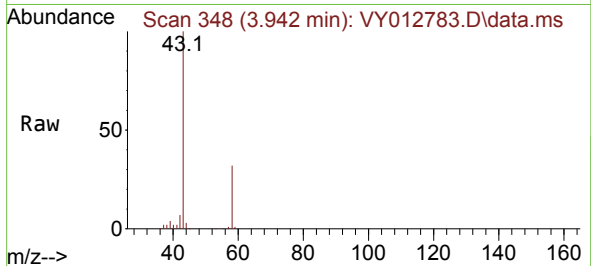




#16
Acetone
Concen: 253.312 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY012783.D
Acq: 03 Mar 2023 00:33

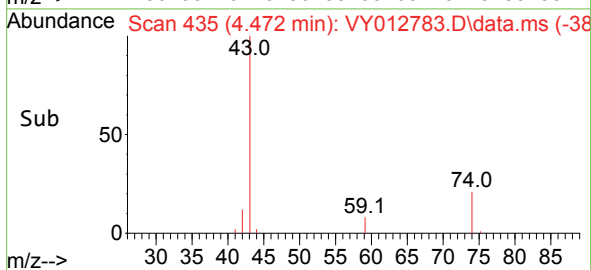
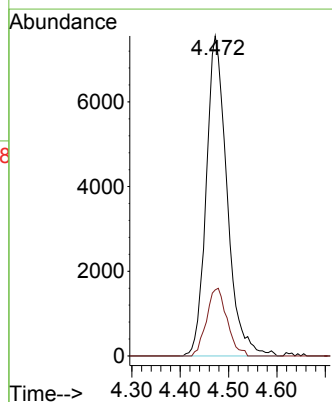
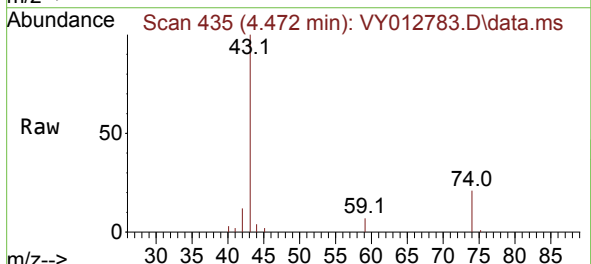
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-6-GRAB-8

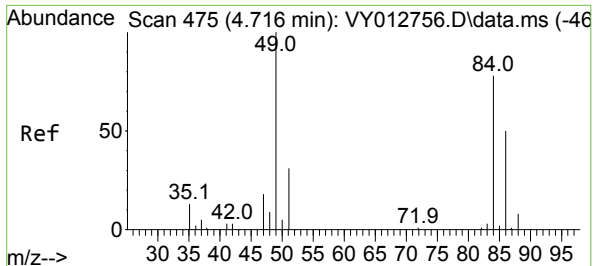
Tgt Ion: 43 Resp: 109414
Ion Ratio Lower Upper
43 100
58 32.4 24.2 36.2



#18
Methyl Acetate
Concen: 17.558 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY012783.D
Acq: 03 Mar 2023 00:33

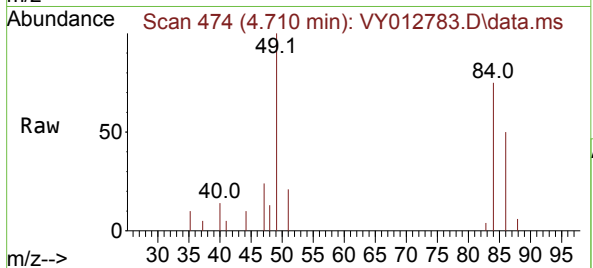
Tgt Ion: 43 Resp: 22584
Ion Ratio Lower Upper
43 100
74 20.9 17.4 26.0





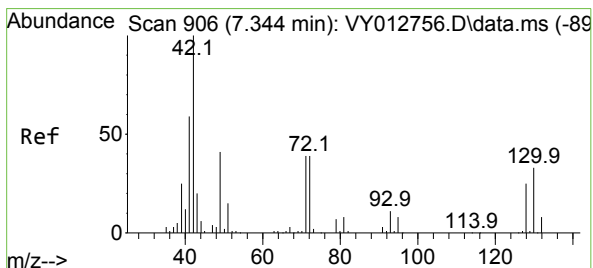
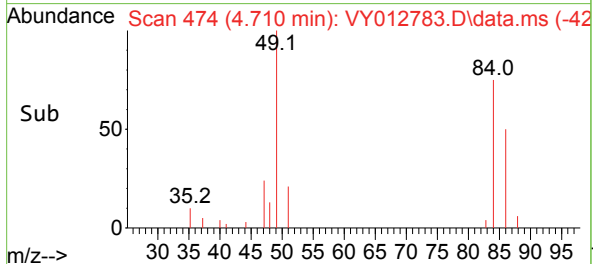
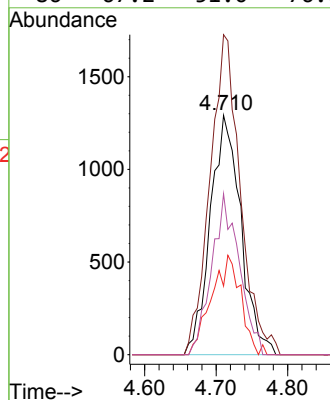
#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY012783.D
Acq: 03 Mar 2023 00:33

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



Tgt Ion: 84 Resp: 3826

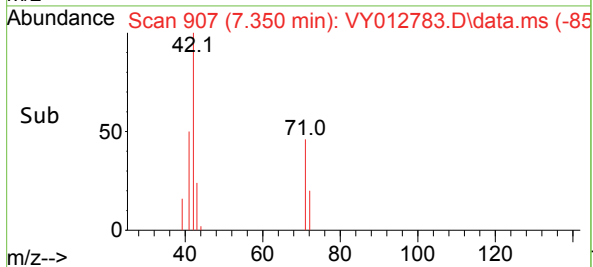
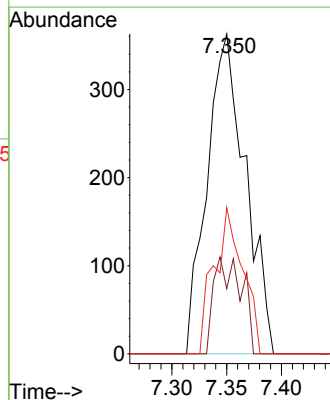
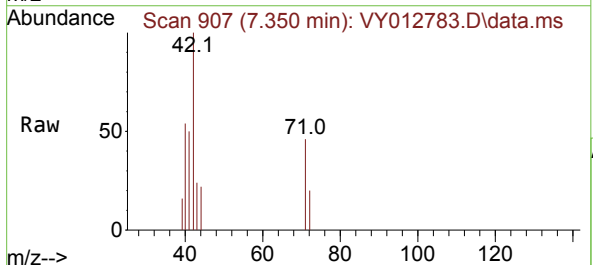
Ion	Ratio	Lower	Upper
84	100		
49	133.7	102.6	154.0
51	28.6	31.9	47.9#
86	67.2	51.0	76.6

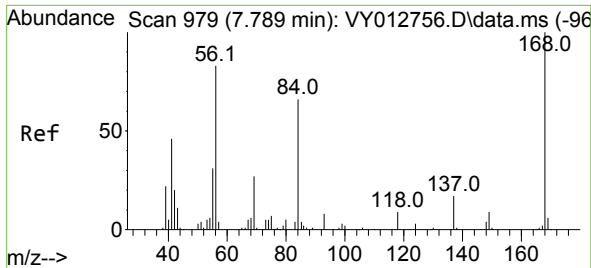


#29
Tetrahydrofuran
Concen: 2.740 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY012783.D
Acq: 03 Mar 2023 00:33

Tgt Ion: 42 Resp: 884

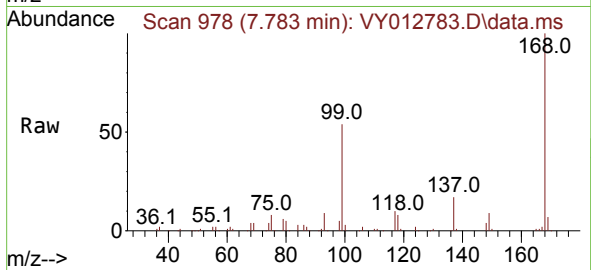
Ion	Ratio	Lower	Upper
42	100		
72	21.7	32.3	48.5#
71	34.4	30.3	45.5



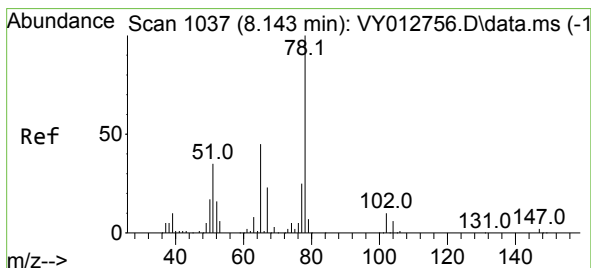
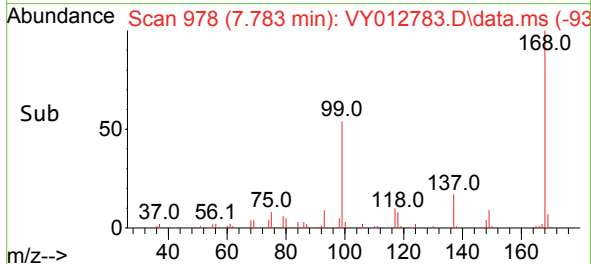
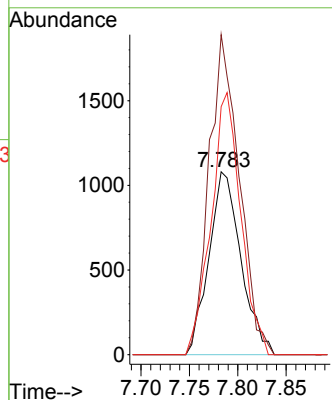


#31
Cyclohexane
Concen: 1.180 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012783.D
Acq: 03 Mar 2023 00:33

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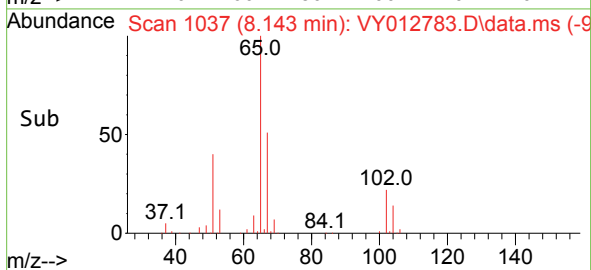
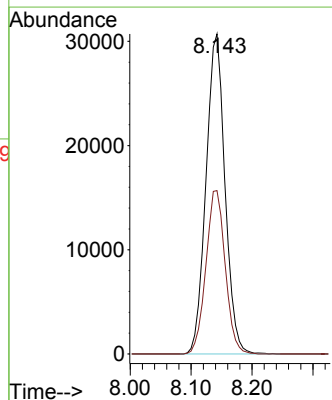
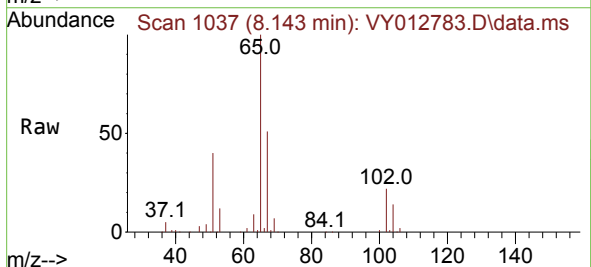


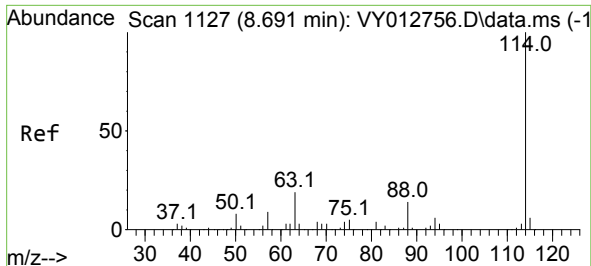
Tgt Ion: 56 Resp: 2486
Ion Ratio Lower Upper
56 100
69 175.0 25.7 38.5#
84 135.6 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 60.387 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012783.D
Acq: 03 Mar 2023 00:33

Tgt Ion: 65 Resp: 66453
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.0

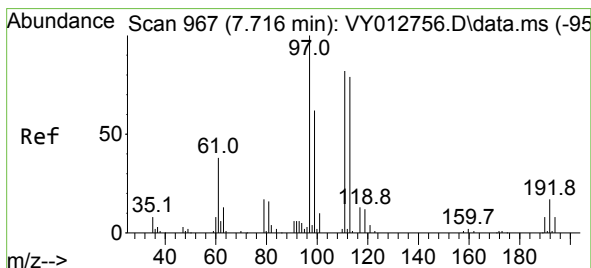
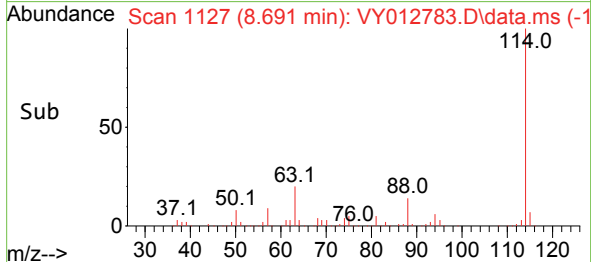
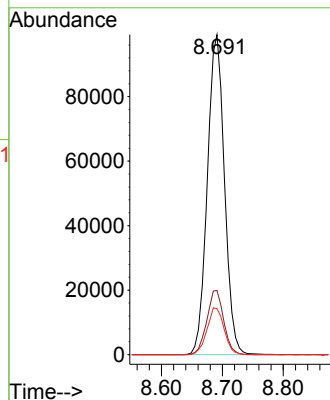
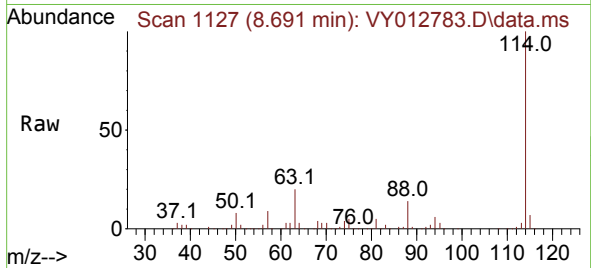




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012783.D
Acq: 03 Mar 2023 00:33

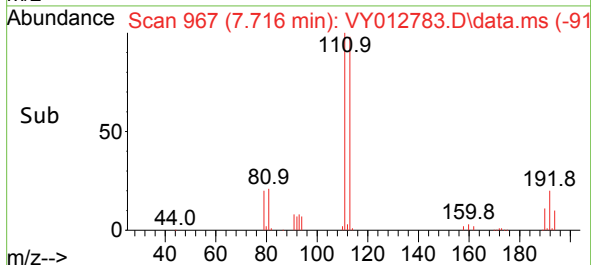
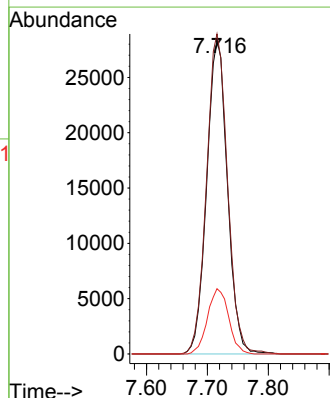
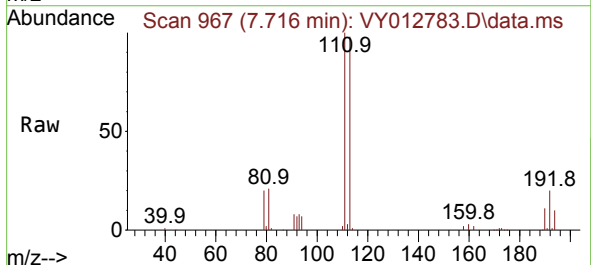
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-6-GRAB-8

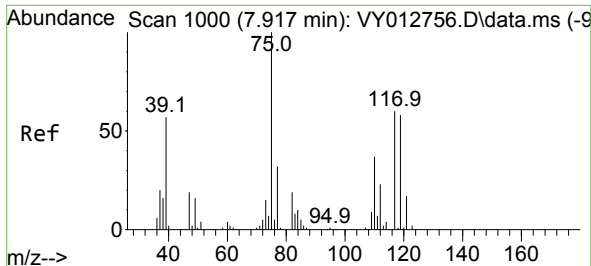
Tgt Ion:114 Resp: 193681
Ion Ratio Lower Upper
114 100
63 20.1 0.0 37.4
88 14.4 0.0 28.6



#35
Dibromofluoromethane
Concen: 57.304 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012783.D
Acq: 03 Mar 2023 00:33

Tgt Ion:113 Resp: 66981
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.2
192 21.2 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.295 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY012783.D

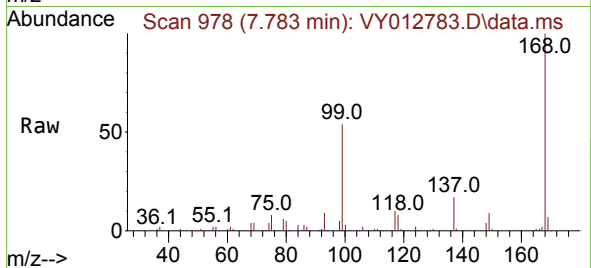
Acq: 03 Mar 2023 00:33

Instrument :

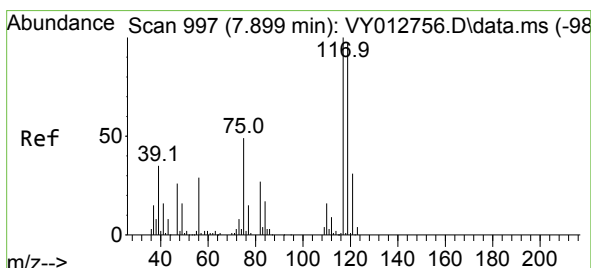
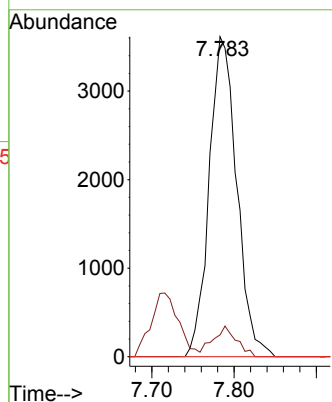
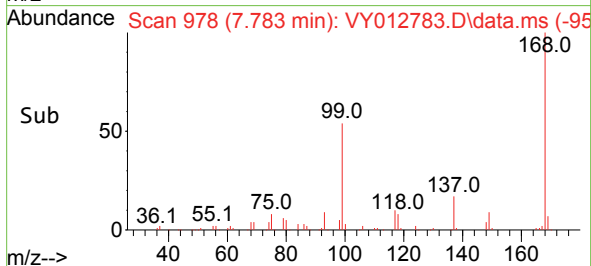
MSVOA_Y

ClientSampleId :

TOTAL-VOC-6-GRAB-8



Tgt Ion: 75	Resp: 8412
Ion Ratio	Lower Upper
75	100
110	8.1 17.8 53.3#
77	0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.223 ug/l

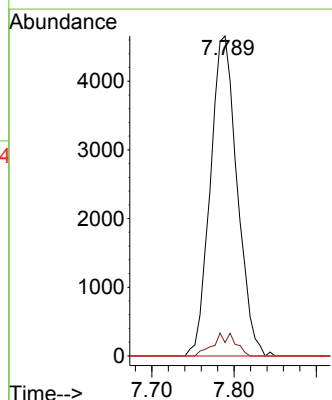
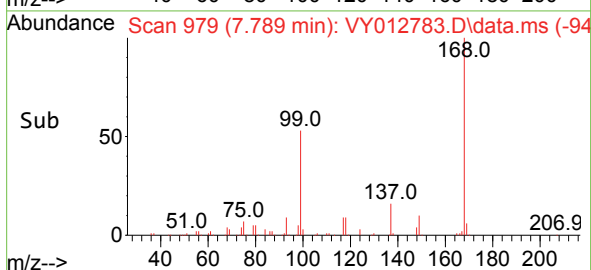
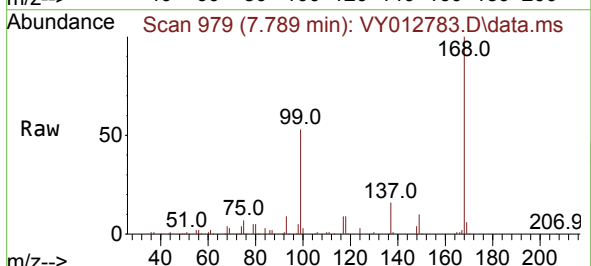
RT: 7.789 min Scan# 979

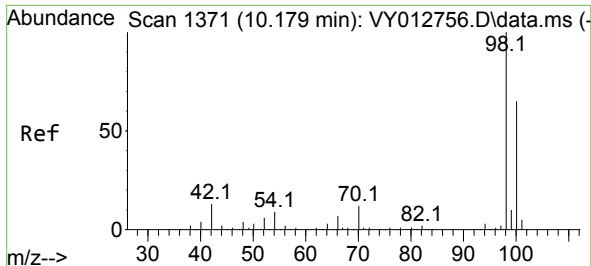
Delta R.T. -0.110 min

Lab File: VY012783.D

Acq: 03 Mar 2023 00:33

Tgt Ion: 117	Resp: 10565
Ion Ratio	Lower Upper
117	100
119	4.2 77.2 115.8#
121	0.0 24.7 37.1#

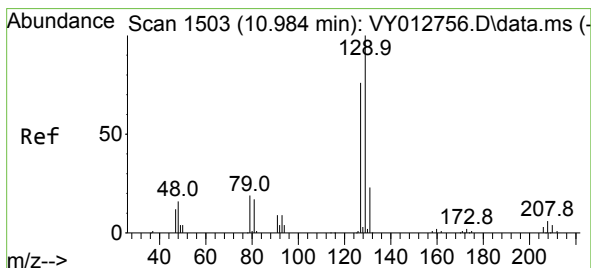
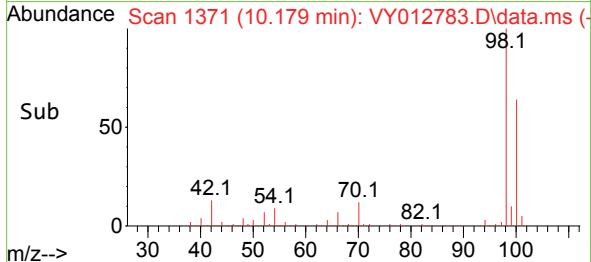
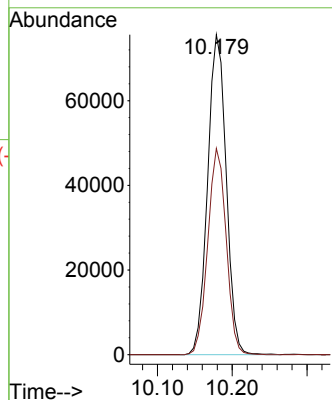
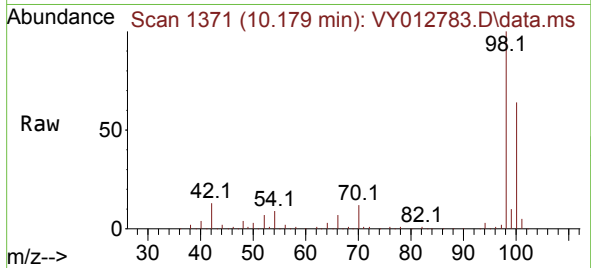




#50
Toluene-d8
Concen: 30.518 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012783.D
Acq: 03 Mar 2023 00:33

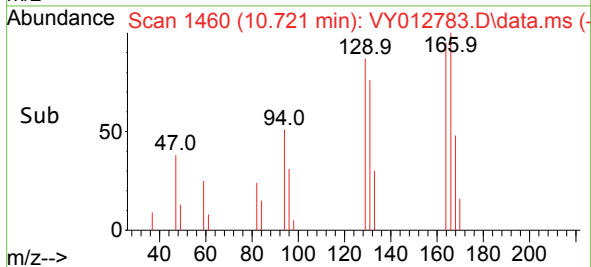
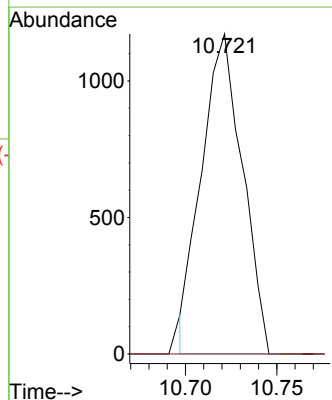
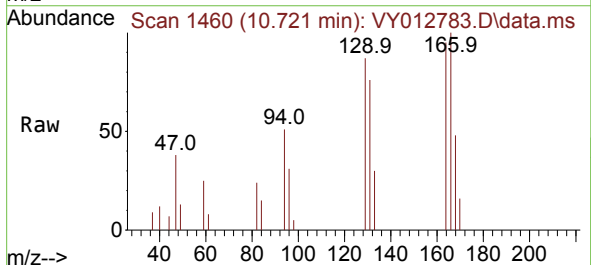
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TOTAL-VOC-6-GRAB-8

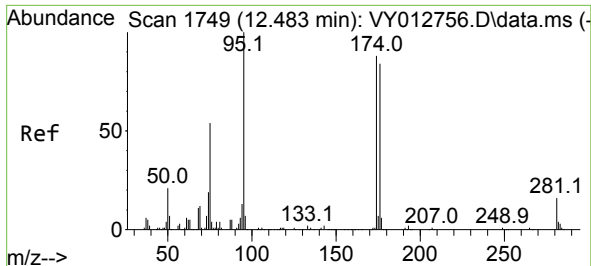
Tgt Ion: 98 Resp: 130406
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



#60
Dibromochloromethane
Concen: 1.348 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.262 min
Lab File: VY012783.D
Acq: 03 Mar 2023 00:33

Tgt Ion:129 Resp: 1823
Ion Ratio Lower Upper
129 100
127 0.0 38.7 116.1#

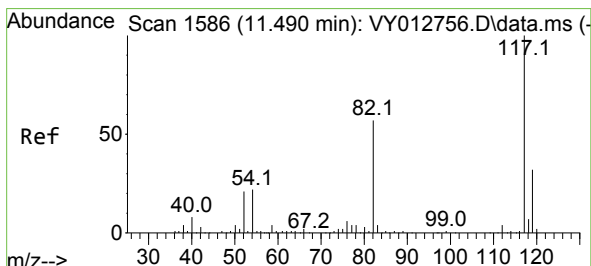
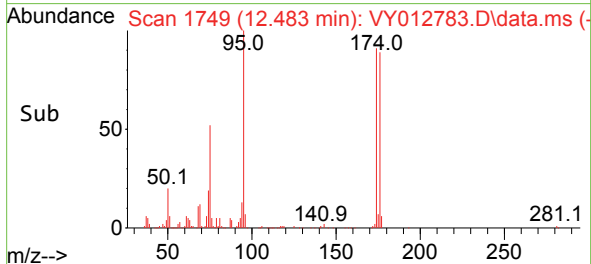
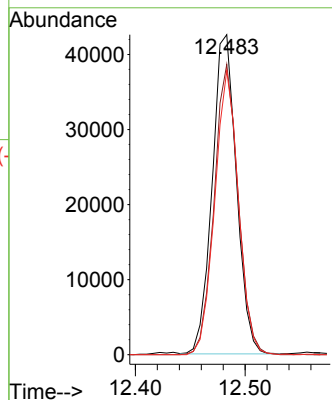
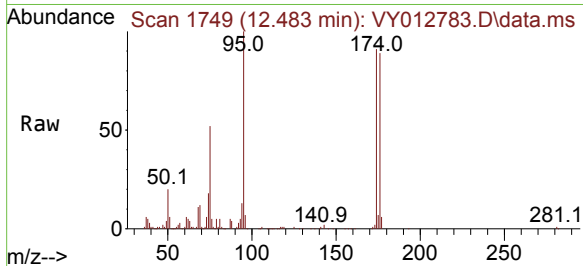




#62
4-Bromofluorobenzene
Concen: 45.381 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012783.D
Acq: 03 Mar 2023 00:33

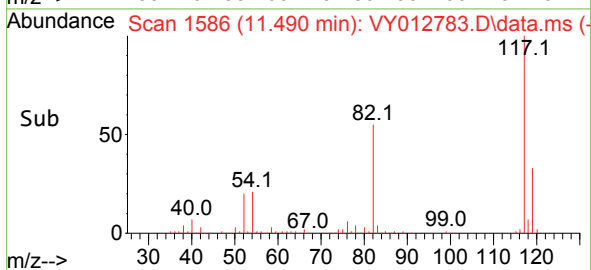
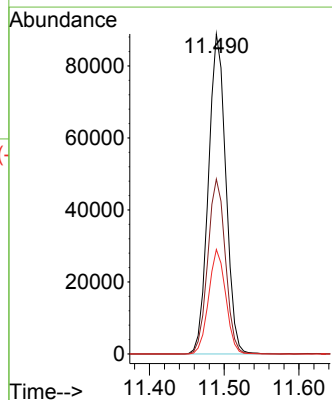
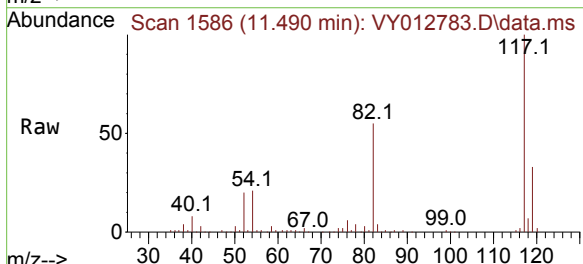
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-6-GRAB-8

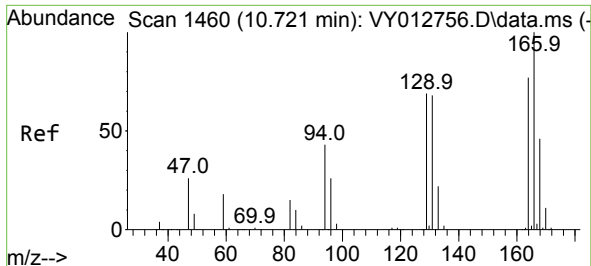
Tgt Ion: 95 Resp: 65453
Ion Ratio Lower Upper
95 100
174 90.0 0.0 176.6
176 86.8 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012783.D
Acq: 03 Mar 2023 00:33

Tgt Ion: 117 Resp: 143685
Ion Ratio Lower Upper
117 100
82 54.6 45.4 68.0
119 32.7 25.6 38.4



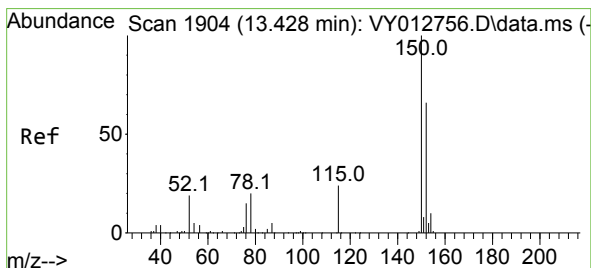
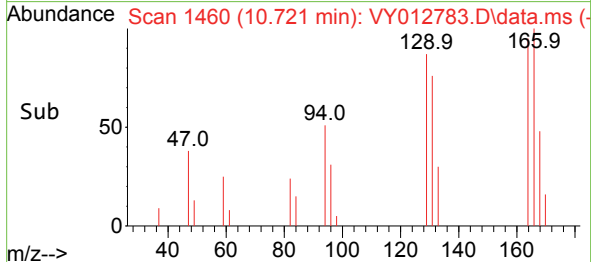
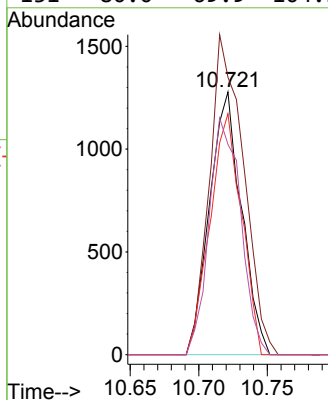
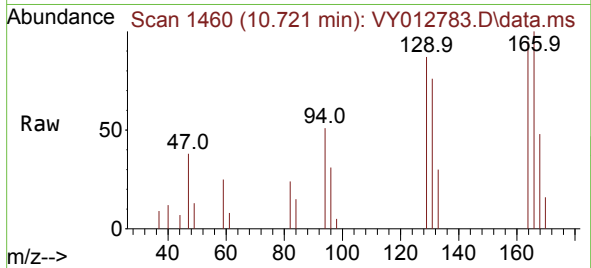


#64
Tetrachloroethene
Concen: 1.988 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY012783.D
Acq: 03 Mar 2023 00:33

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

Tgt Ion:164 Resp: 2080

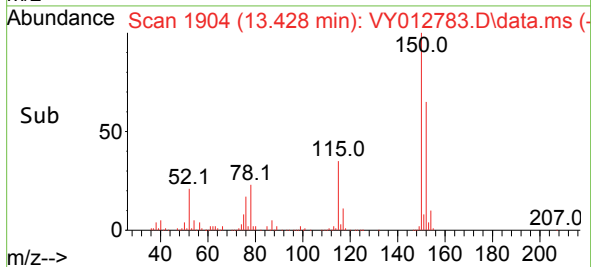
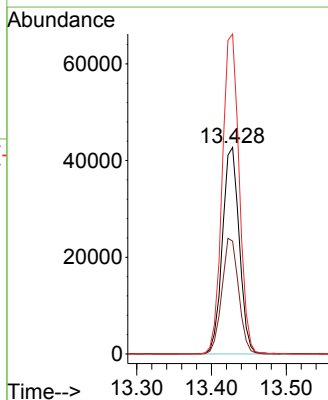
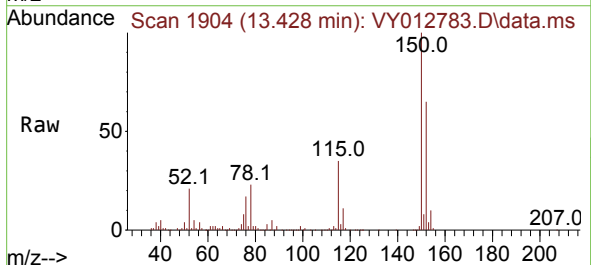
Ion	Ratio	Lower	Upper
164	100		
166	105.6	103.4	155.2
129	91.7	71.4	107.2
131	80.0	69.9	104.9

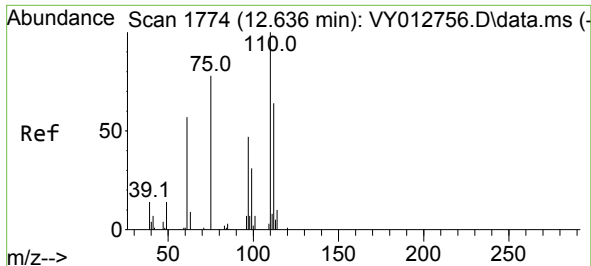


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012783.D
Acq: 03 Mar 2023 00:33

Tgt Ion:152 Resp: 67193

Ion	Ratio	Lower	Upper
152	100		
115	55.6	27.1	81.3
150	155.7	0.0	347.8

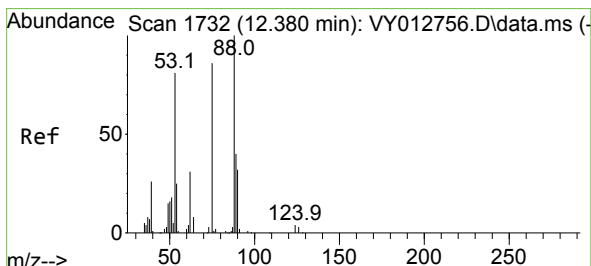
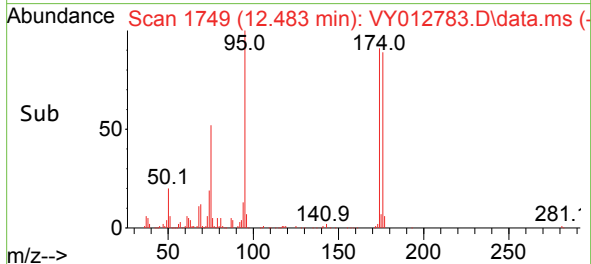
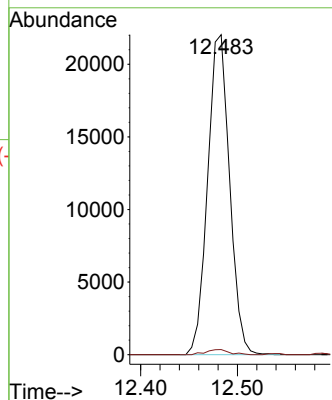
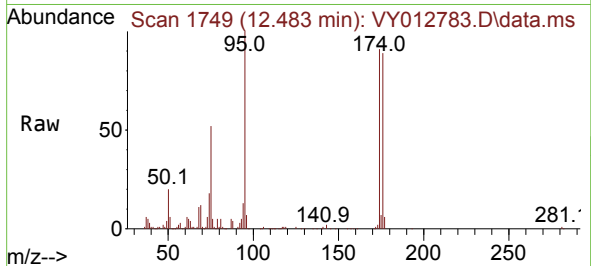




#76
1,2,3-Trichloropropane
Concen: 43.319 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY012783.D
Acq: 03 Mar 2023 00:33

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

Tgt Ion: 75 Resp: 34759
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.759 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY012783.D
Acq: 03 Mar 2023 00:33

Tgt Ion: 75 Resp: 34759
Ion Ratio Lower Upper
75 100
53 0.5 73.4 110.0#
89 0.0 36.6 55.0#

