

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040424\
 Data File : VY017851.D
 Acq On : 04 Apr 2024 13:58
 Operator : SY/MD
 Sample : P1980-03
 Misc : 4.68g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC13-GRAB-14-15

Quant Time: Apr 05 00:47:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

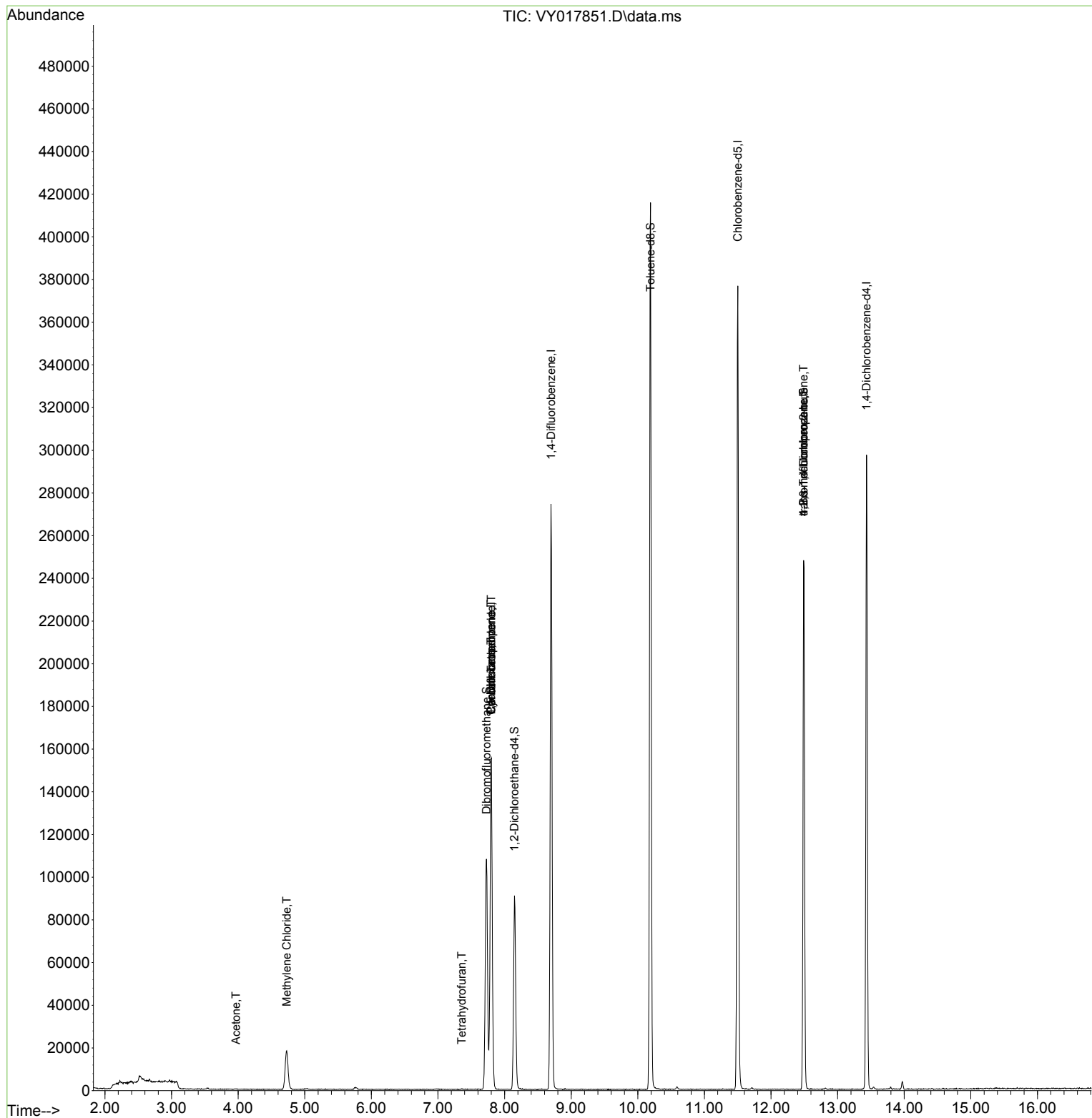
Internal Standards						
1) Pentafluorobenzene	7.801	168	123763	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	237831	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	209271	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	77535	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	70031	65.390	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.780%	
35) Dibromofluoromethane	7.728	113	75636	55.036	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.080%	
50) Toluene-d8	10.191	98	274663	53.503	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.000%	
62) 4-Bromofluorobenzene	12.489	95	70085	44.872	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 89.740%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	24	Below Cal	#	88
16) Acetone	3.966	43	394	1.780	ug/l #	36
20) Methylene Chloride	4.728	84	14911	8.804	ug/l	97
29) Tetrahydrofuran	7.356	42	236	1.247	ug/l #	26
31) Cyclohexane	7.795	56	2583	1.369	ug/l #	9
36) 1,1-Dichloropropene	7.795	75	9532	4.754	ug/l #	47
38) Carbon Tetrachloride	7.801	117	11621	5.583	ug/l #	17
41) Methacrylonitrile	7.368	41	76	Below Cal	#	15
48) Methyl methacrylate	9.142	41	19	Below Cal	#	7
51) 4-Methyl-2-Pentanone	10.185	43	1074	Below Cal	#	1
59) 2-Hexanone	10.721	43	53	Below Cal	#	19
70) Styrene	12.050	104	108	Below Cal	#	27
76) 1,2,3-Trichloropropane	12.489	75	38384	54.326	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	38384	106.184	ug/l #	16

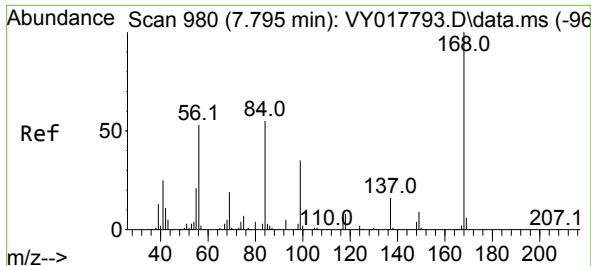
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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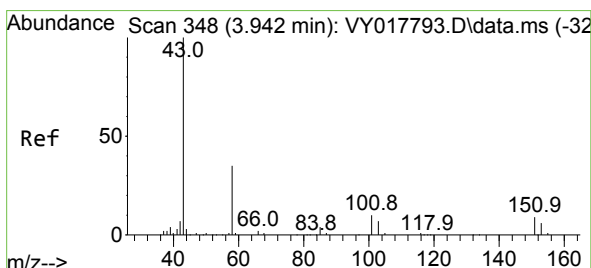
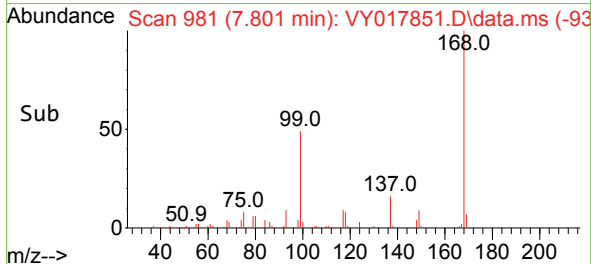
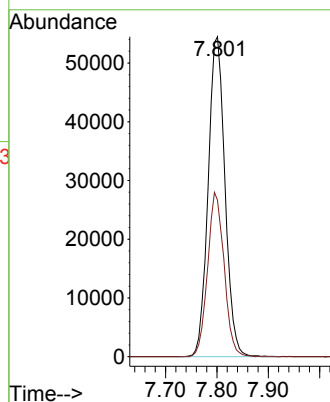
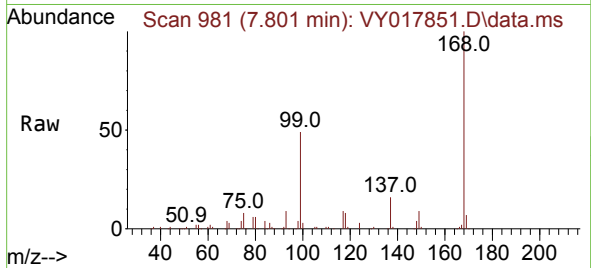




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017851.D
Acq: 04 Apr 2024 13:58

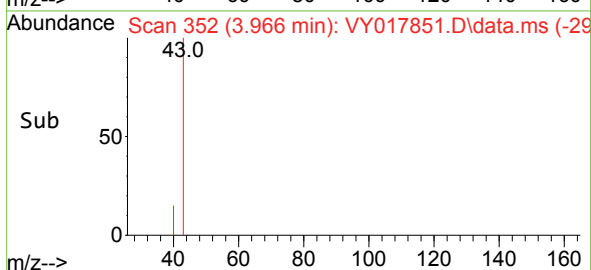
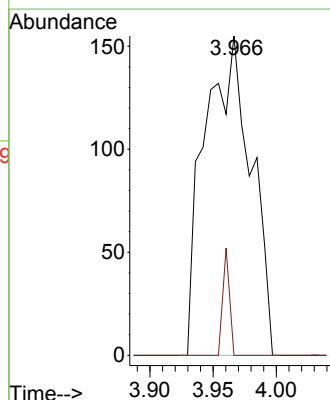
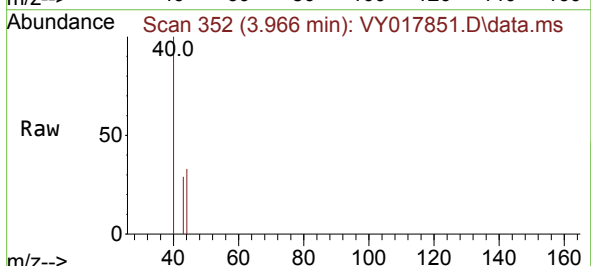
Instrument :
MSVOA_Y
ClientSampleId :
WC13-GRAB-14-15

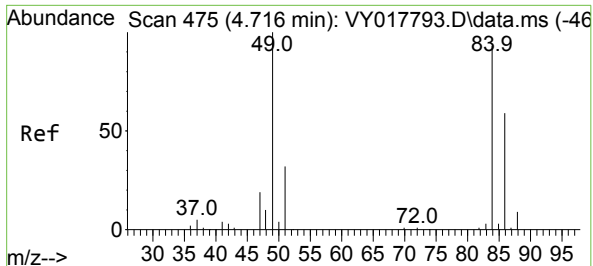
Tgt Ion:168 Resp: 123763
Ion Ratio Lower Upper
168 100
99 48.9 39.1 58.7



#16
Acetone
Concen: 1.780 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.024 min
Lab File: VY017851.D
Acq: 04 Apr 2024 13:58

Tgt Ion: 43 Resp: 394
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#

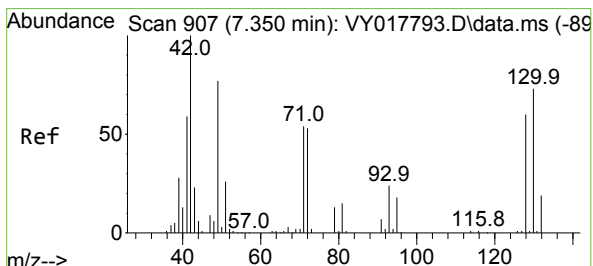
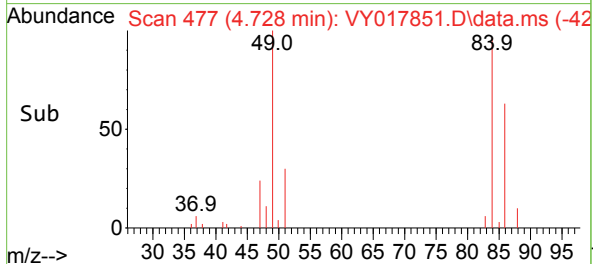
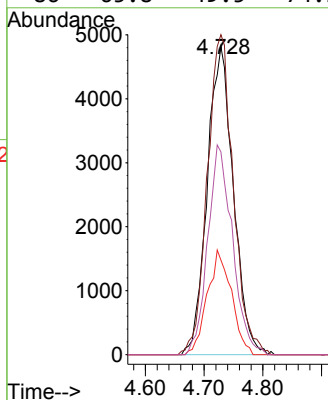
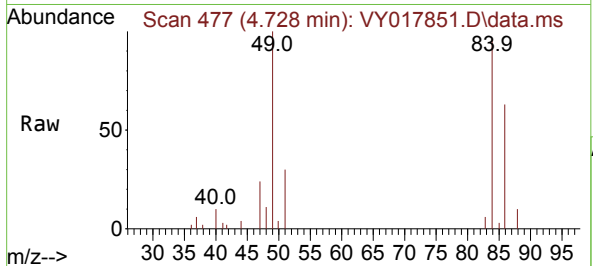




#20
Methylene Chloride
Concen: 8.804 ug/l
RT: 4.728 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY017851.D
Acq: 04 Apr 2024 13:58

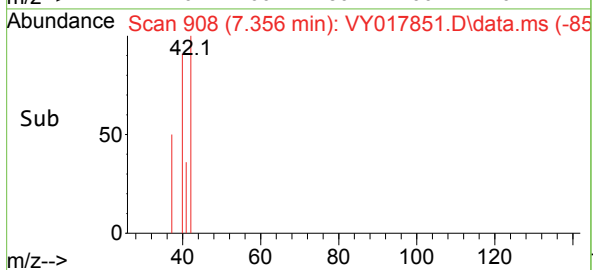
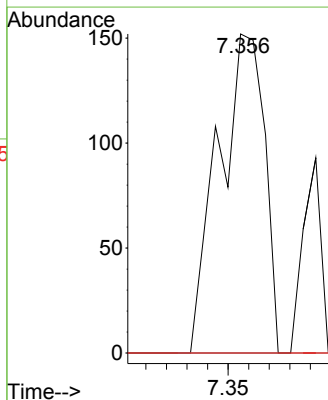
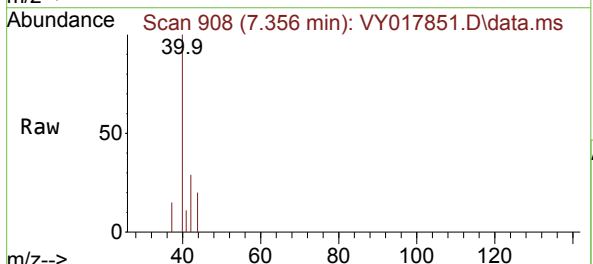
Instrument :
MSVOA_Y
ClientSampleId :
WC13-GRAB-14-15

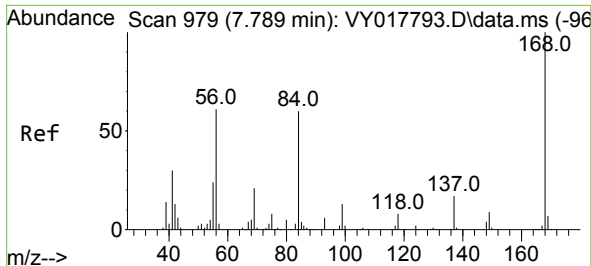
Tgt Ion: 84	Resp: 14911
Ion Ratio	Lower Upper
84 100	
49 103.9	84.4 126.6
51 30.7	26.0 39.0
86 65.8	49.5 74.3



#29
Tetrahydrofuran
Concen: 1.247 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.006 min
Lab File: VY017851.D
Acq: 04 Apr 2024 13:58

Tgt Ion: 42	Resp: 236
Ion Ratio	Lower Upper
42 100	
72 0.0	43.0 64.4#
71 0.0	40.8 61.2#

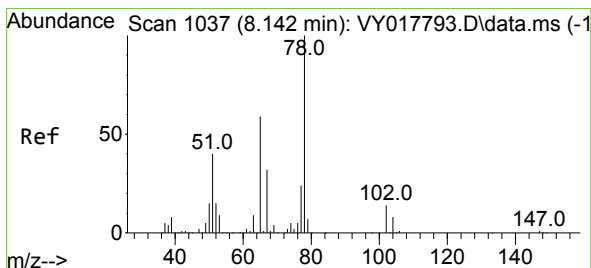
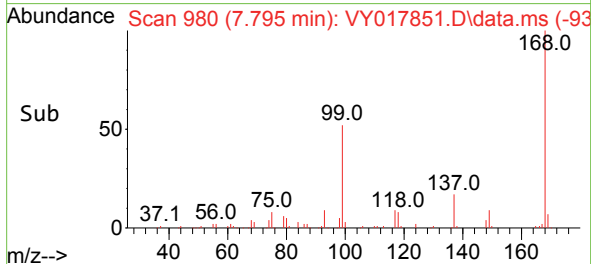
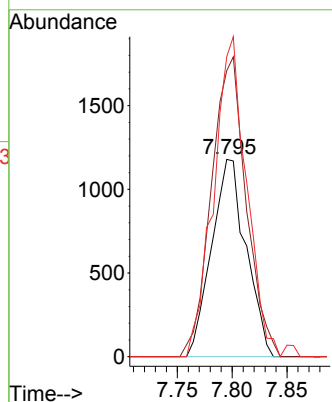
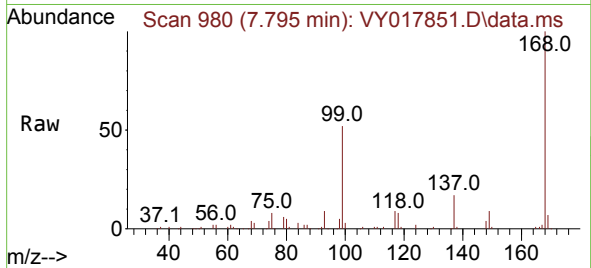




#31
Cyclohexane
Concen: 1.369 ug/l
RT: 7.795 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY017851.D
Acq: 04 Apr 2024 13:58

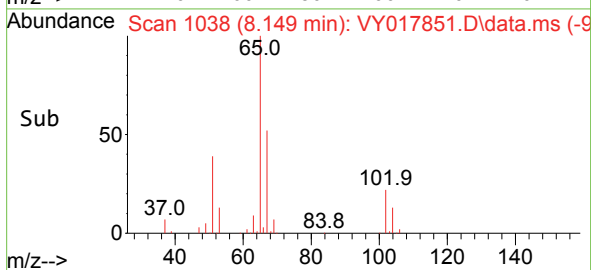
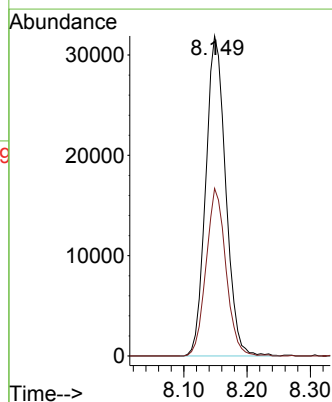
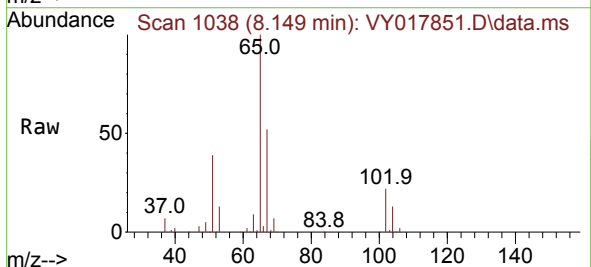
Instrument :
MSVOA_Y
ClientSampleId :
WC13-GRAB-14-15

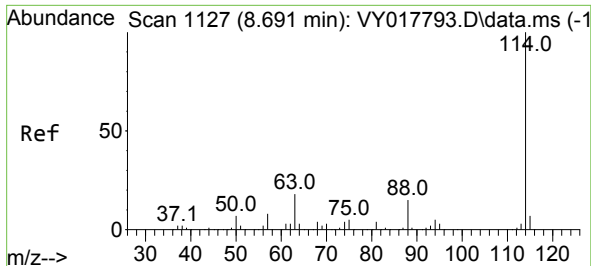
Tgt Ion: 56 Resp: 2583
Ion Ratio Lower Upper
56 100
69 145.0 28.7 43.1#
84 152.1 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 65.390 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017851.D
Acq: 04 Apr 2024 13:58

Tgt Ion: 65 Resp: 70031
Ion Ratio Lower Upper
65 100
67 52.1 0.0 109.6

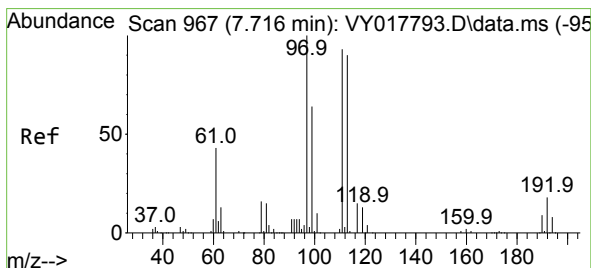
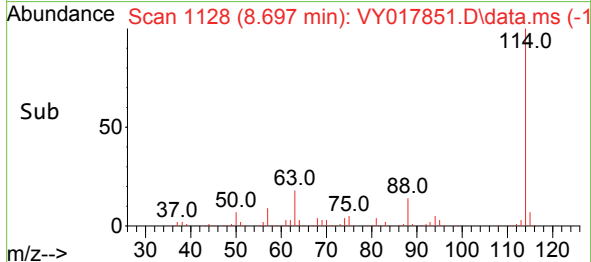
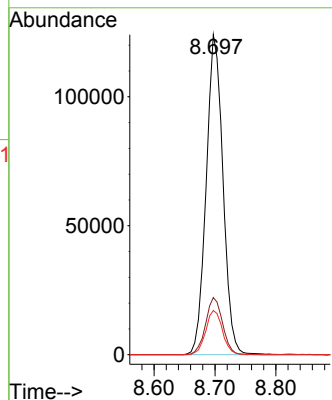
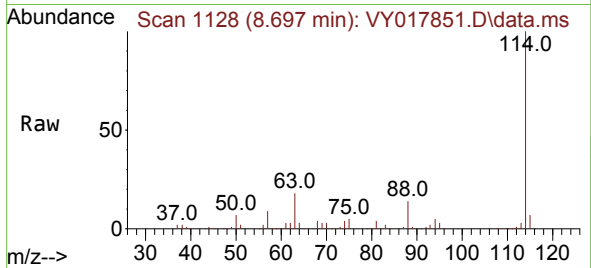




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY017851.D
Acq: 04 Apr 2024 13:58

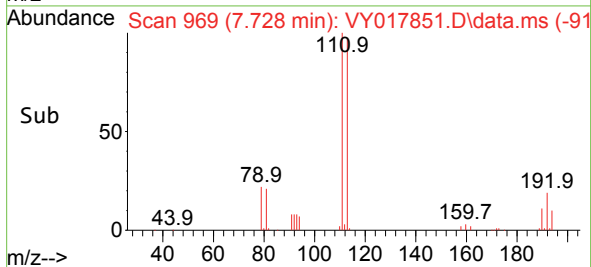
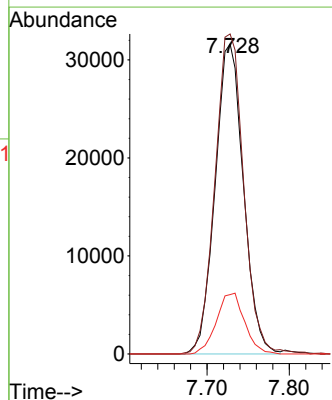
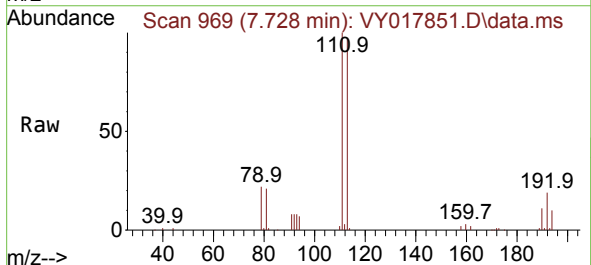
Instrument :
MSVOA_Y
ClientSampleId :
WC13-GRAB-14-15

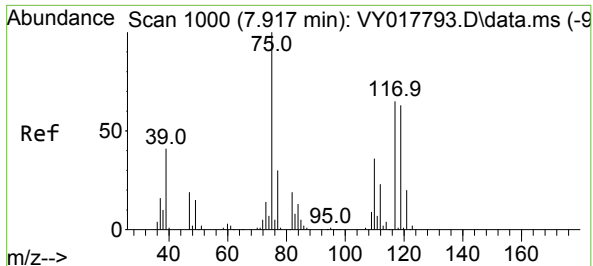
Tgt Ion:114 Resp: 237831
Ion Ratio Lower Upper
114 100
63 17.9 0.0 35.0
88 13.8 0.0 27.2



#35
Dibromofluoromethane
Concen: 55.036 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY017851.D
Acq: 04 Apr 2024 13:58

Tgt Ion:113 Resp: 75636
Ion Ratio Lower Upper
113 100
111 104.8 82.2 123.4
192 19.5 15.9 23.9

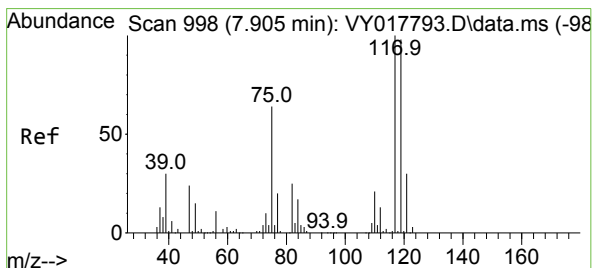
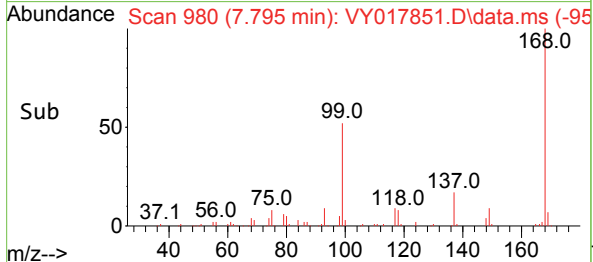
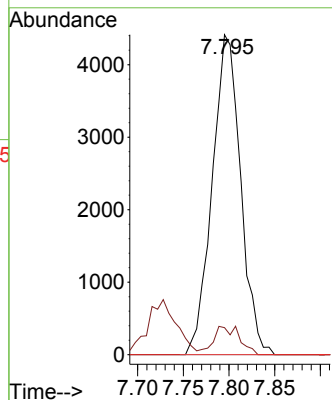
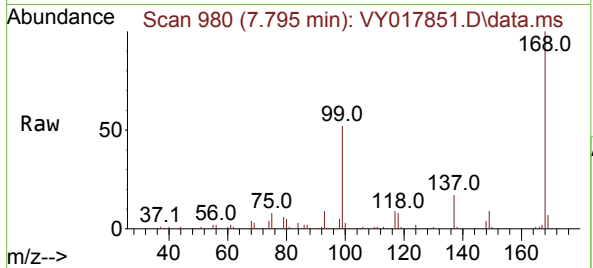




#36
1,1-Dichloropropene
Concen: 4.754 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY017851.D
Acq: 04 Apr 2024 13:58

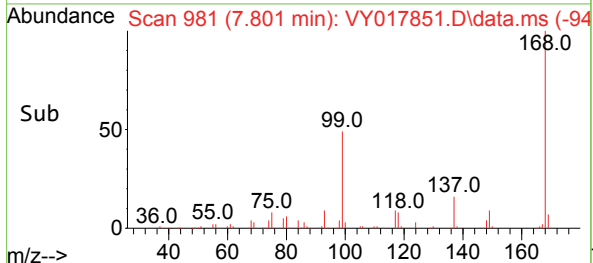
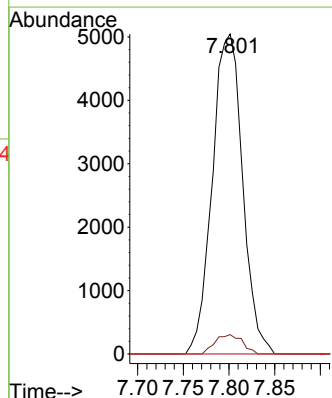
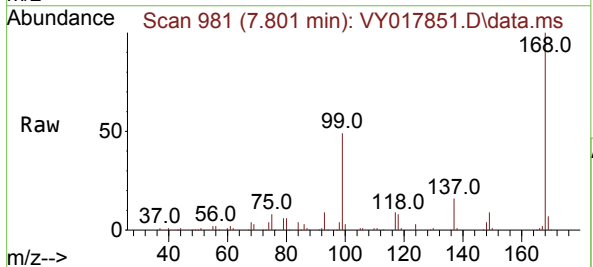
Instrument :
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ClientSampleId :
WC13-GRAB-14-15

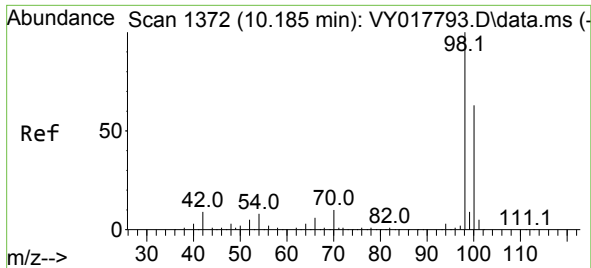
Tgt Ion: 75 Resp: 9532
Ion Ratio Lower Upper
75 100
110 8.2 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.583 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY017851.D
Acq: 04 Apr 2024 13:58

Tgt Ion: 117 Resp: 11621
Ion Ratio Lower Upper
117 100
119 6.0 75.8 113.6#
121 0.0 24.0 36.0#

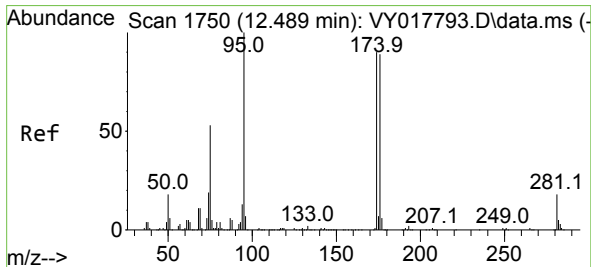
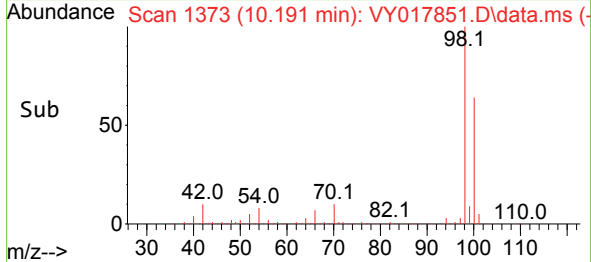
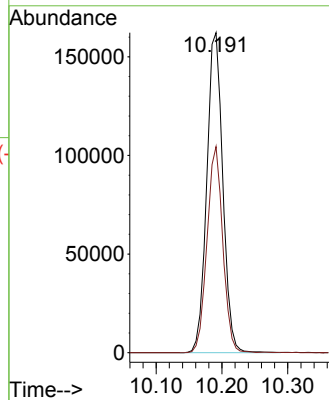
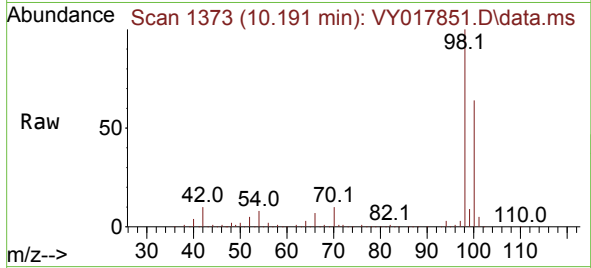




#50
Toluene-d8
Concen: 53.503 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017851.D
Acq: 04 Apr 2024 13:58

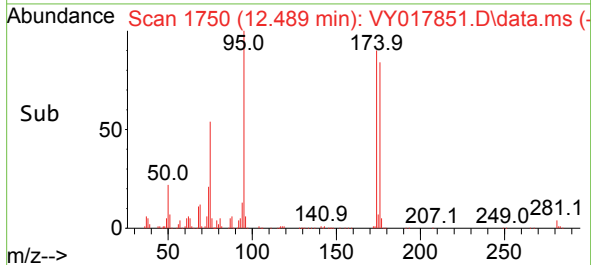
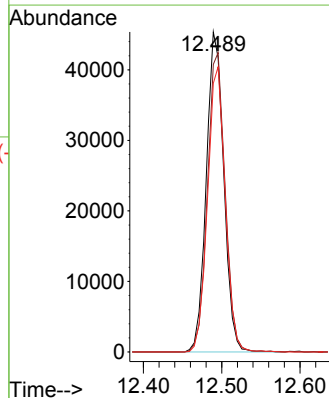
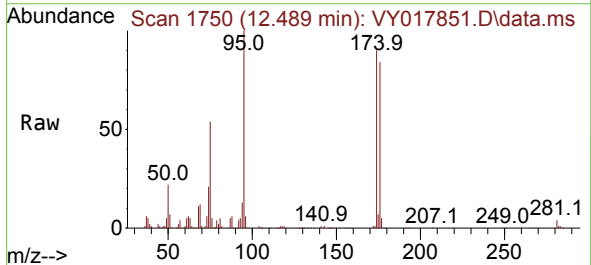
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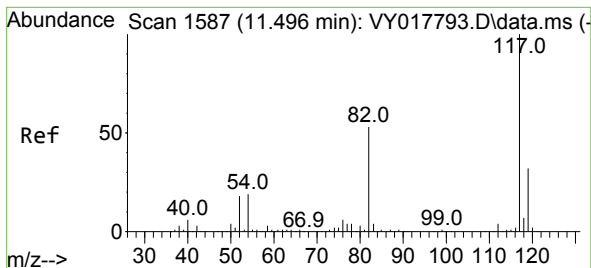
Tgt Ion: 98 Resp: 274663
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.872 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017851.D
Acq: 04 Apr 2024 13:58

Tgt Ion: 95 Resp: 70085
Ion Ratio Lower Upper
95 100
174 95.2 0.0 175.6
176 90.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017851.D

Acq: 04 Apr 2024 13:58

Instrument :

MSVOA_Y

ClientSampleId :

WC13-GRAB-14-15

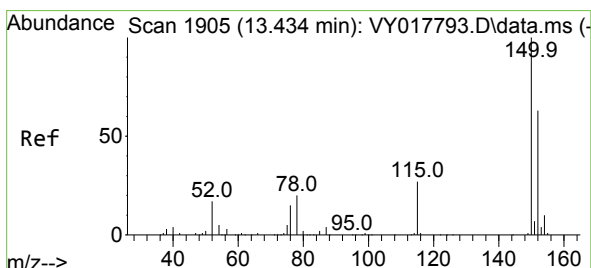
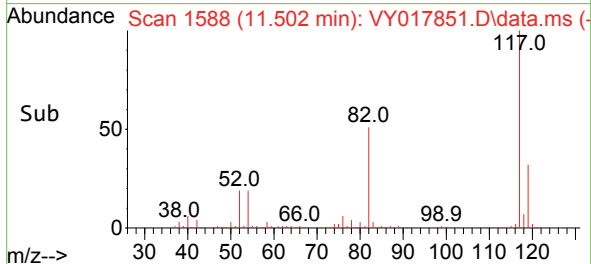
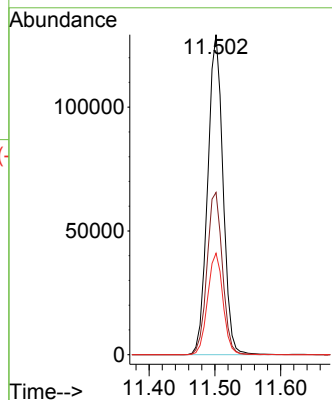
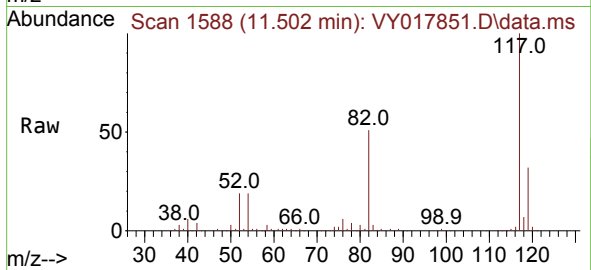
Tgt Ion:117 Resp: 209271

Ion Ratio Lower Upper

117 100

82 50.7 42.4 63.6

119 31.7 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017851.D

Acq: 04 Apr 2024 13:58

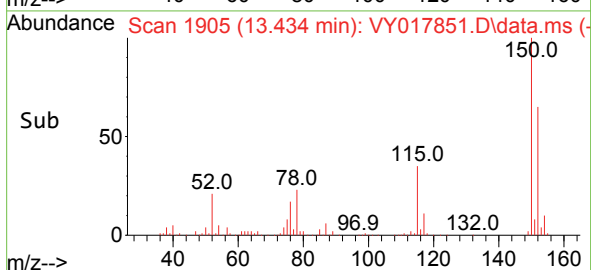
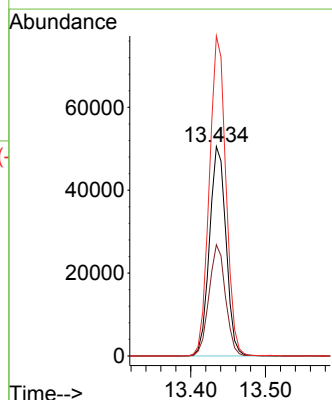
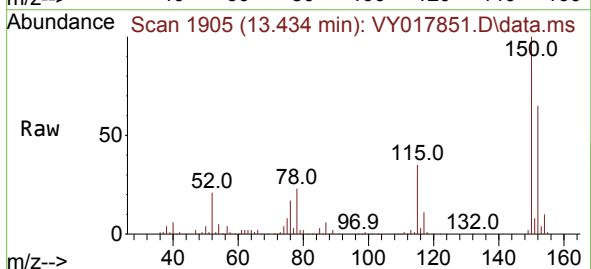
Tgt Ion:152 Resp: 77535

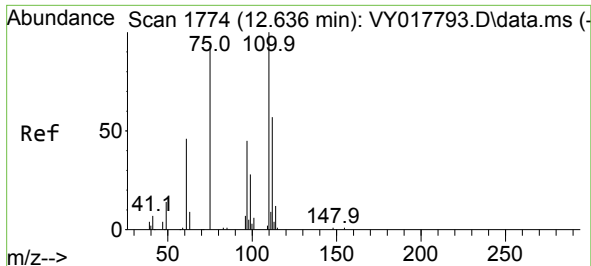
Ion Ratio Lower Upper

152 100

115 53.0 28.2 84.7

150 153.1 0.0 345.6

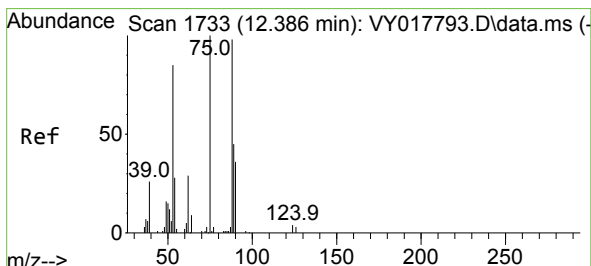
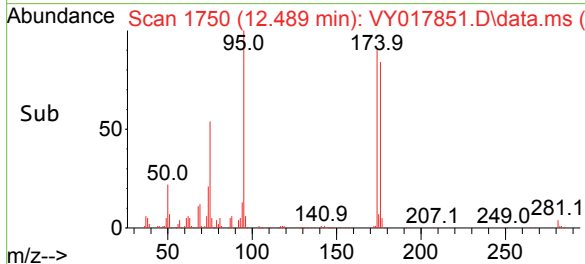
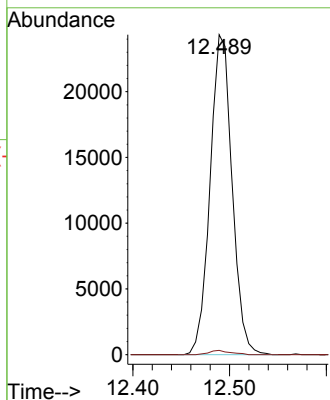
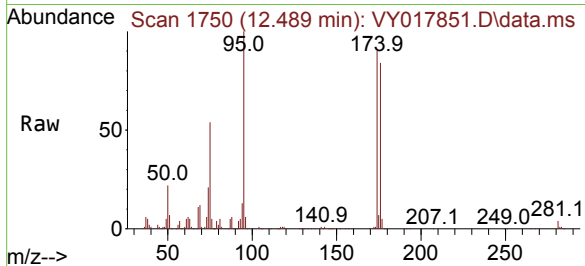




#76
1,2,3-Trichloropropane
Concen: 54.326 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY017851.D
Acq: 04 Apr 2024 13:58

Instrument :
MSVOA_Y
ClientSampleId :
WC13-GRAB-14-15

Tgt Ion: 75 Resp: 38384
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.184 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.103 min
Lab File: VY017851.D
Acq: 04 Apr 2024 13:58

Tgt Ion: 75 Resp: 38384
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.2 35.8 53.6#

