

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040524\
 Data File : VY017869.D
 Acq On : 05 Apr 2024 14:30
 Operator : SY/MD
 Sample : P1980-03
 Misc : 4.23g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Apr 06 04:47:51 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)

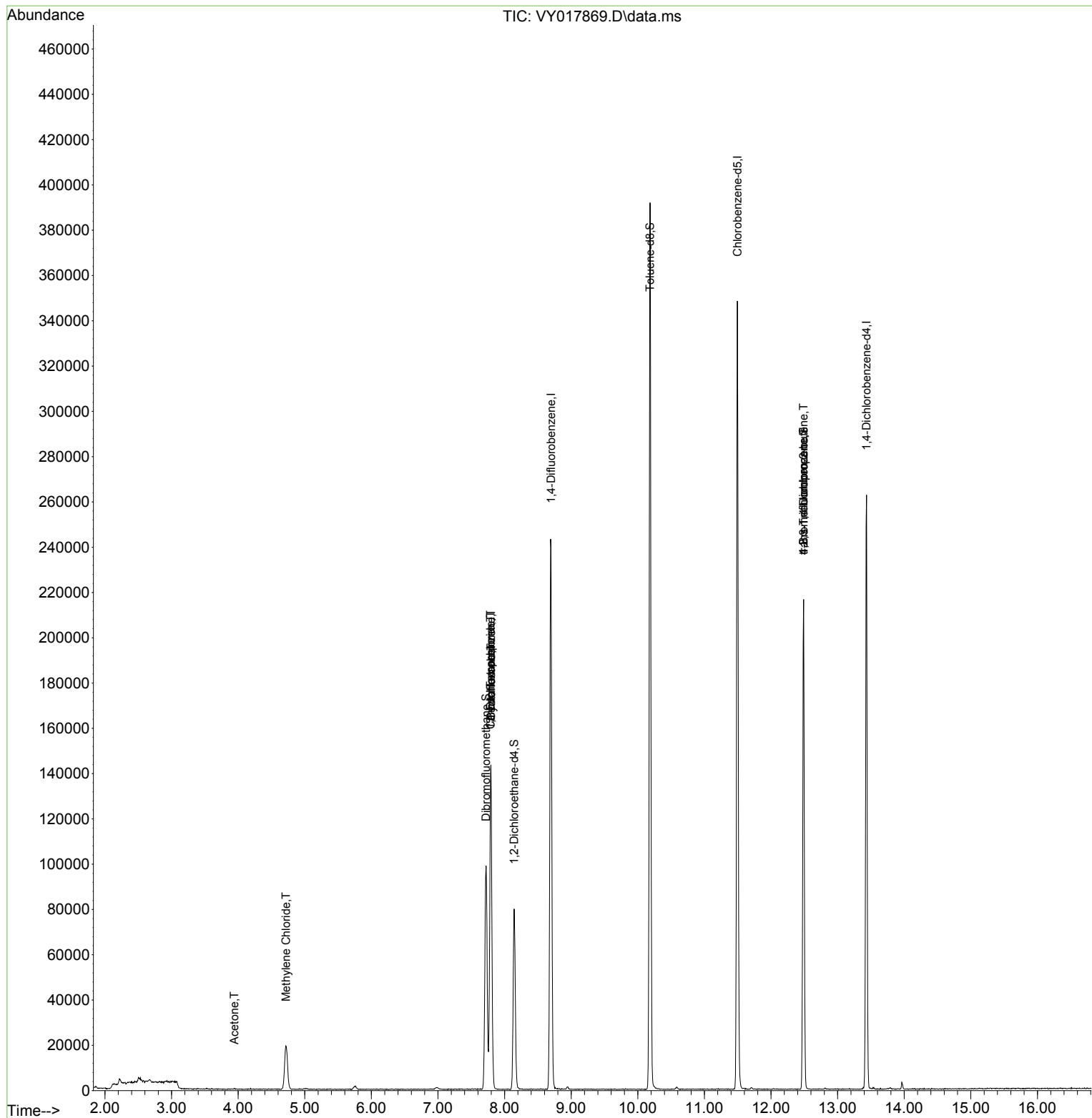
Internal Standards						
1) Pentafluorobenzene	7.795	168	113496	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	215039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	189020	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	67038	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	61283	62.399	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 124.800%			
35) Dibromofluoromethane	7.721	113	70296	56.572	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.140%			
50) Toluene-d8	10.184	98	253427	54.599	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 109.200%			
62) 4-Bromofluorobenzene	12.489	95	61418	43.491	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 86.980%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.929	59	94	Below Cal	#	88
16) Acetone	3.942	43	364	1.793	ug/l #	36
20) Methylene Chloride	4.716	84	15785	10.596	ug/l	90
31) Cyclohexane	7.795	56	2547	1.472	ug/l #	41
36) 1,1-Dichloropropene	7.789	75	8594	4.740	ug/l #	47
38) Carbon Tetrachloride	7.789	117	10508	5.583	ug/l #	17
41) Methacrylonitrile	7.356	41	19	Below Cal	#	15
51) 4-Methyl-2-Pentanone	10.184	43	1051	Below Cal	#	1
69) o-Xylene	12.038	106	53	Below Cal		58
70) Styrene	12.056	104	47	Below Cal	#	27
76) 1,2,3-Trichloropropane	12.489	75	33742	55.234	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	33742	107.535	ug/l #	16

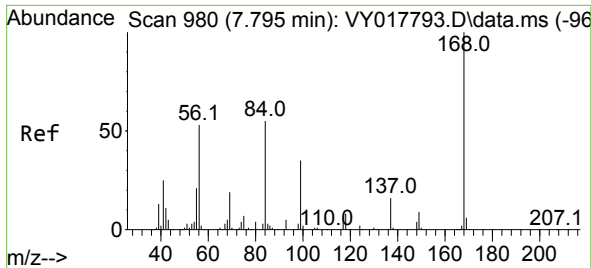
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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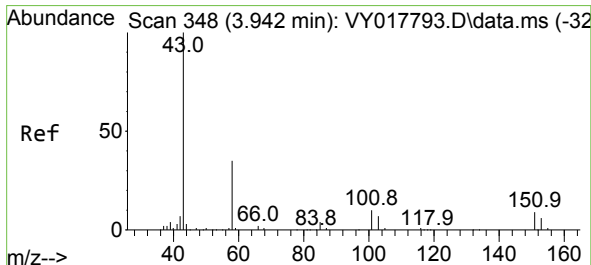
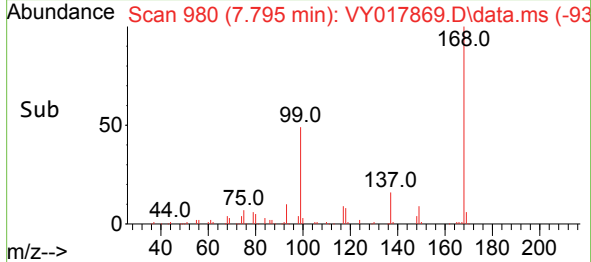
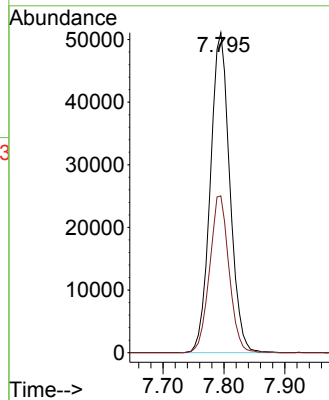
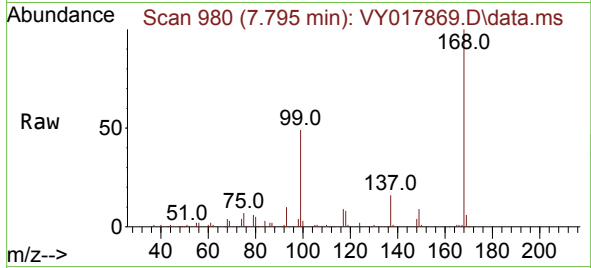




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017869.D
Acq: 05 Apr 2024 14:30

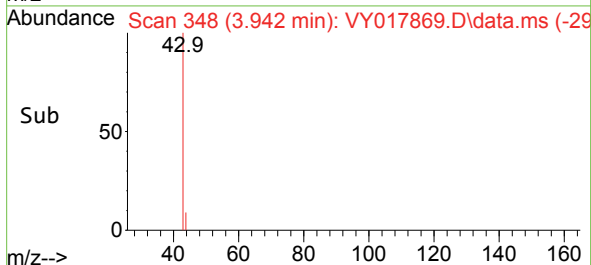
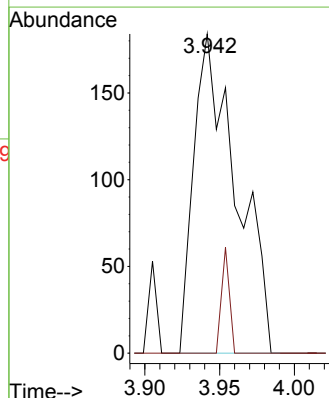
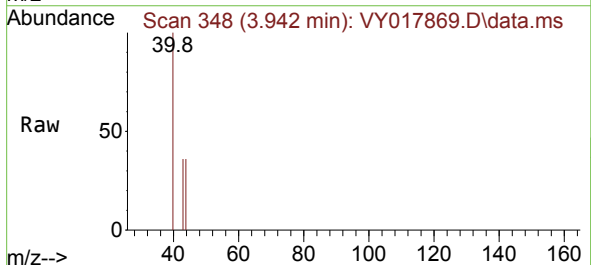
Instrument :
MSVOA_Y
ClientSampleId :
WC13-GRAB-14-15

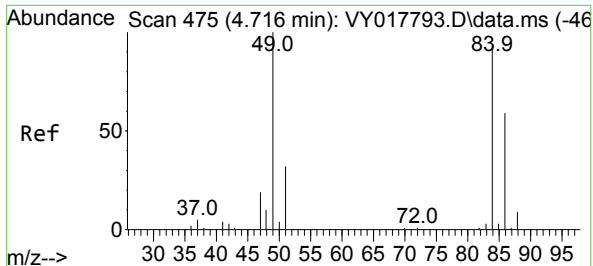
Tgt Ion:168 Resp: 113496
Ion Ratio Lower Upper
168 100
99 49.0 39.1 58.7



#16
Acetone
Concen: 1.793 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY017869.D
Acq: 05 Apr 2024 14:30

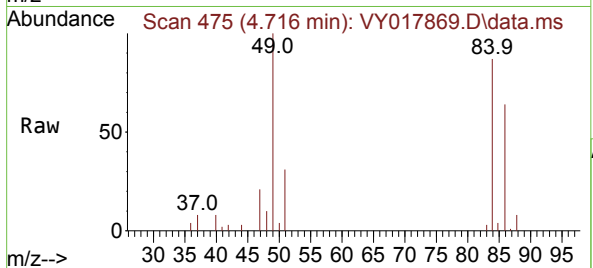
Tgt Ion: 43 Resp: 364
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



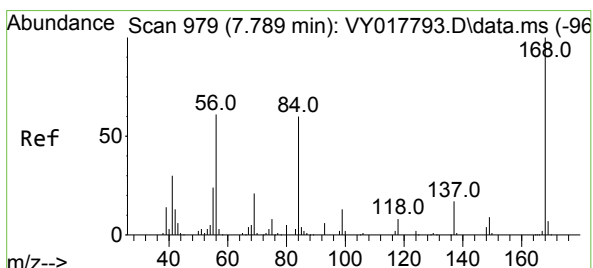
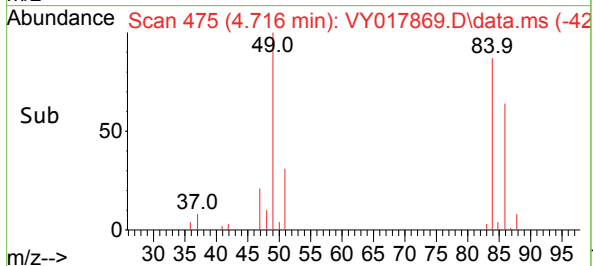
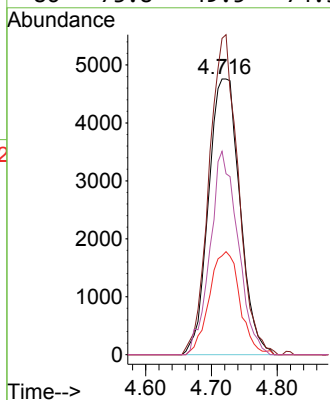


#20
Methylene Chloride
Concen: 10.596 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY017869.D
Acq: 05 Apr 2024 14:30

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

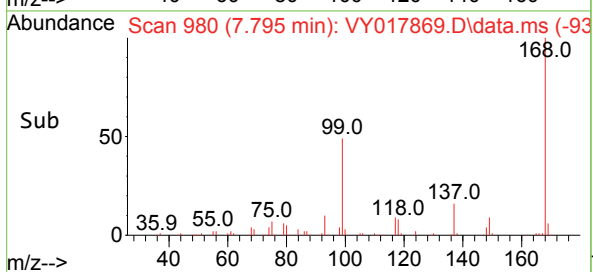
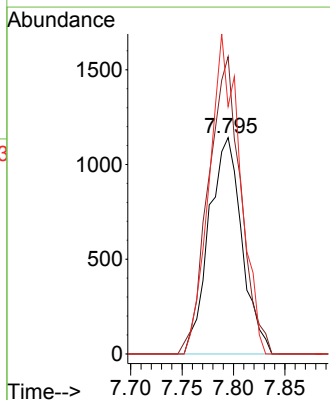
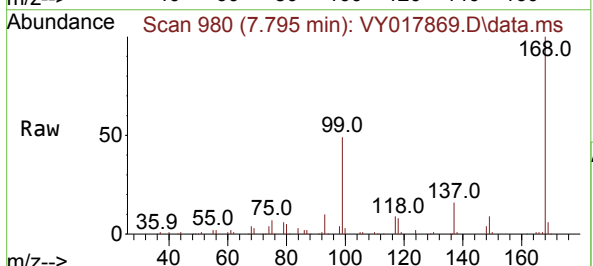


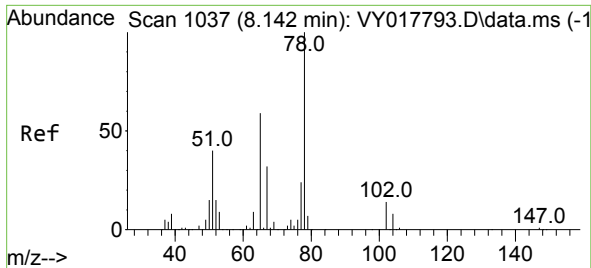
Tgt Ion:	84	Resp:	15785
Ion	Ratio	Lower	Upper
84	100		
49	114.8	84.4	126.6
51	35.9	26.0	39.0
86	73.8	49.5	74.3



#31
Cyclohexane
Concen: 1.472 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY017869.D
Acq: 05 Apr 2024 14:30

Tgt Ion:	56	Resp:	2547
Ion	Ratio	Lower	Upper
56	100		
69	137.4	28.7	43.1#
84	114.4	77.7	116.5

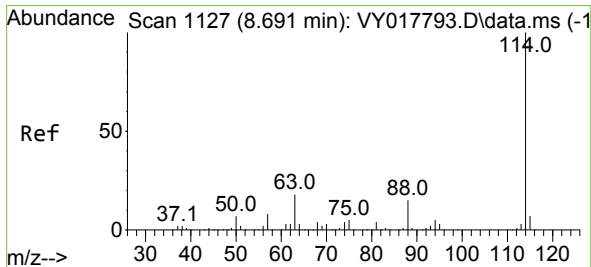
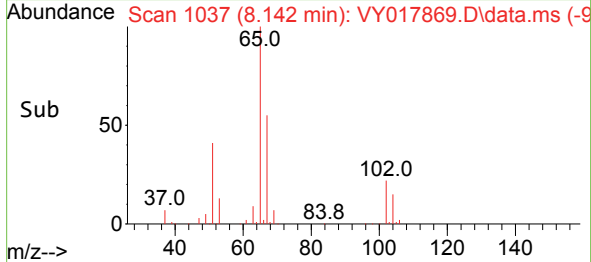
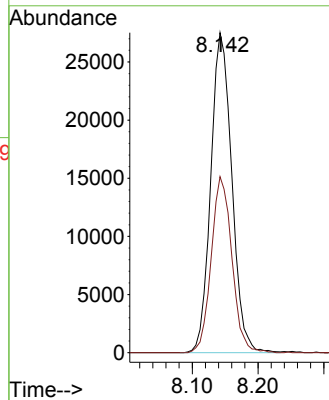
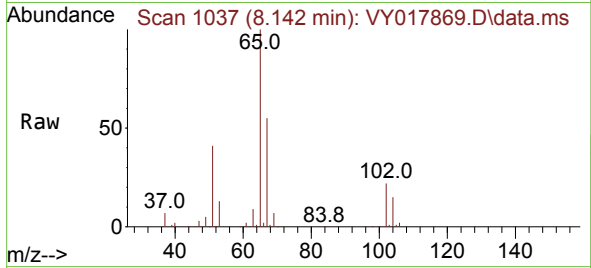




#33
 1,2-Dichloroethane-d4
 Concen: 62.399 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY017869.D
 Acq: 05 Apr 2024 14:30

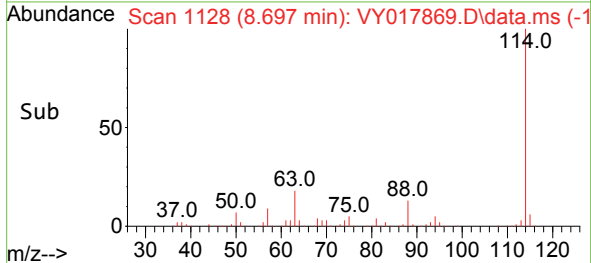
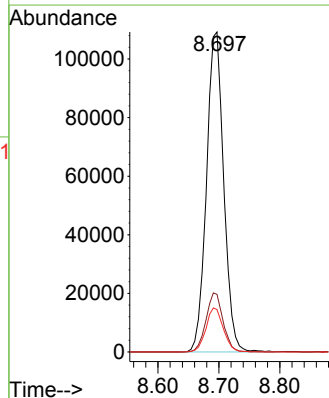
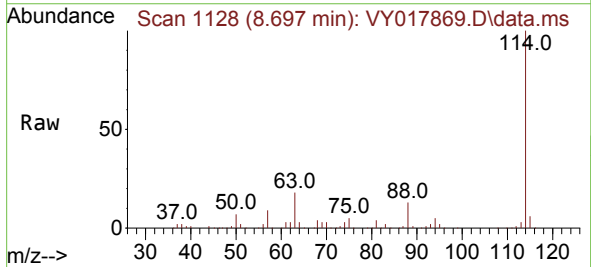
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC13-GRAB-14-15

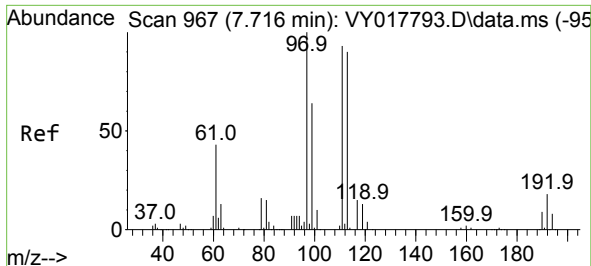
Tgt Ion: 65 Resp: 61283
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.006 min
 Lab File: VY017869.D
 Acq: 05 Apr 2024 14:30

Tgt Ion:114 Resp: 215039
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 35.0
 88 13.3 0.0 27.2

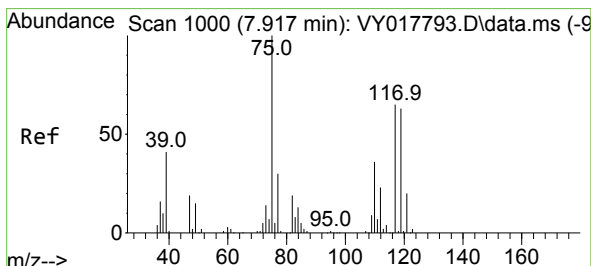
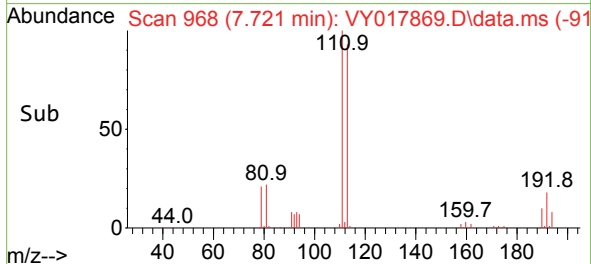
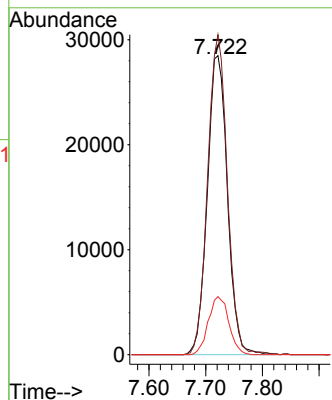
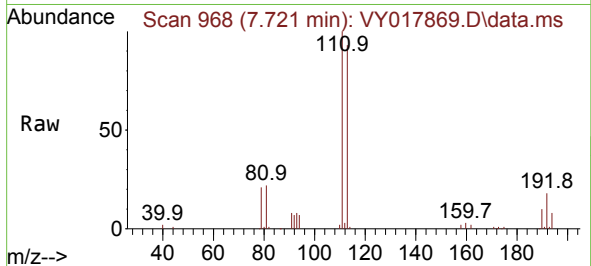




#35
Dibromofluoromethane
Concen: 56.572 ug/l
RT: 7.721 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY017869.D
Acq: 05 Apr 2024 14:30

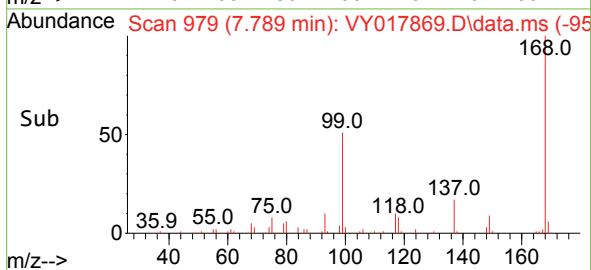
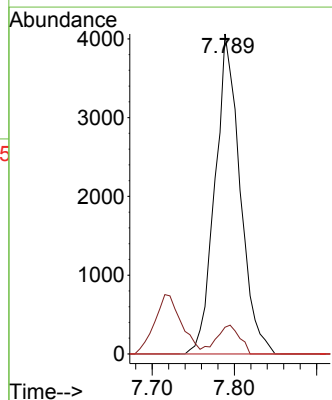
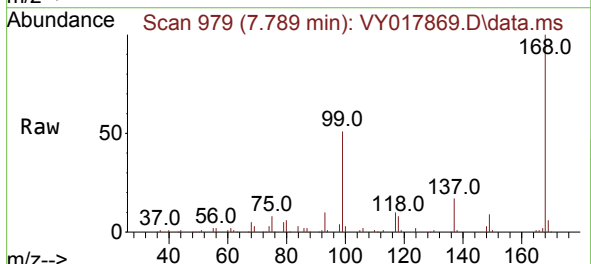
Instrument :
MSVOA_Y
ClientSampleId :
WC13-GRAB-14-15

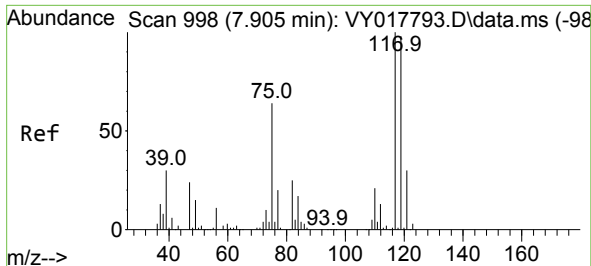
Tgt Ion:113 Resp: 70296
Ion Ratio Lower Upper
113 100
111 104.7 82.2 123.4
192 19.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.740 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY017869.D
Acq: 05 Apr 2024 14:30

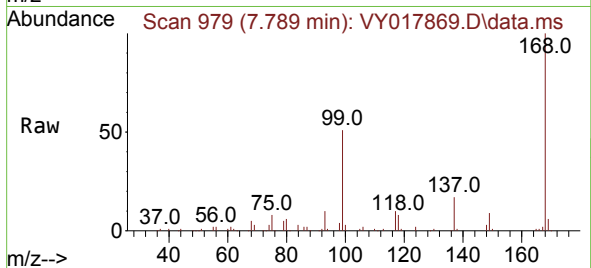
Tgt Ion: 75 Resp: 8594
Ion Ratio Lower Upper
75 100
110 8.4 19.0 57.0#
77 0.0 25.3 37.9#



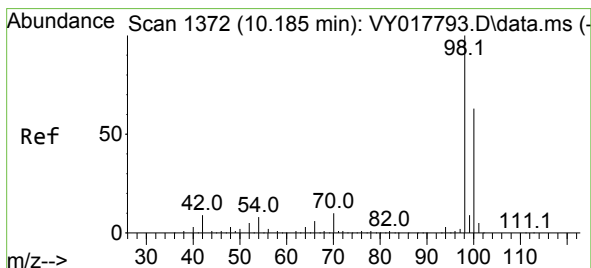
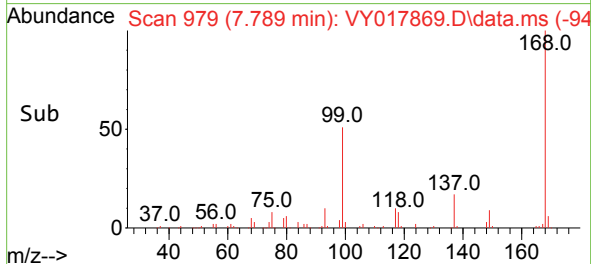
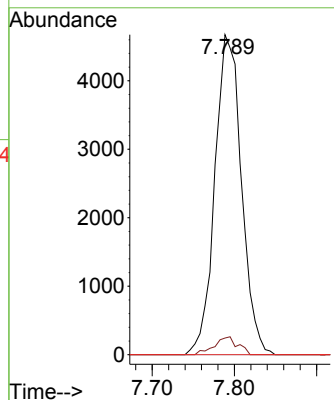


#38
Carbon Tetrachloride
Concen: 5.583 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY017869.D
Acq: 05 Apr 2024 14:30

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

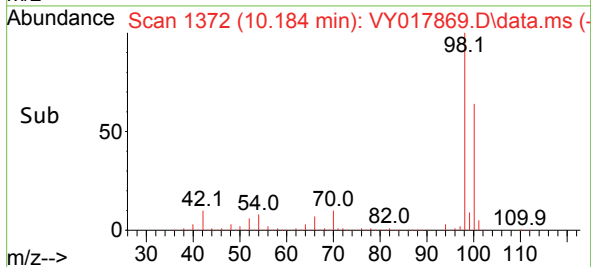
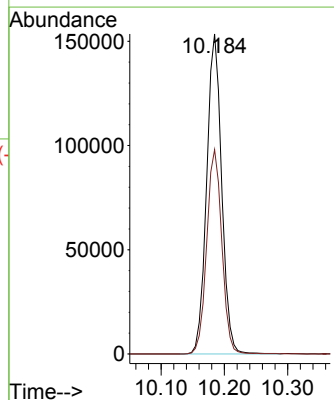
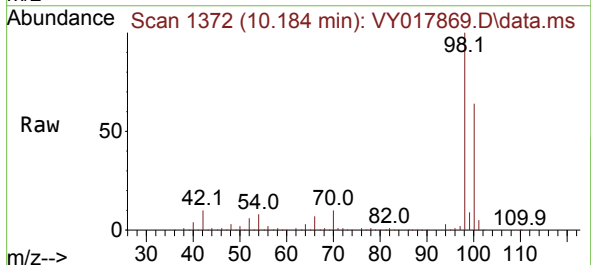


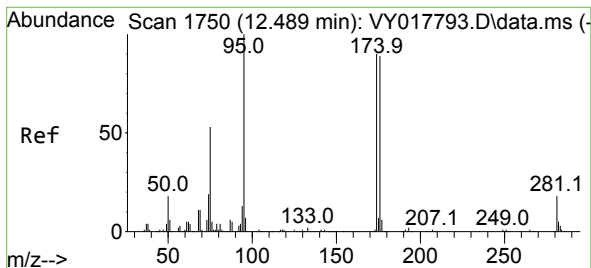
Tgt Ion:117 Resp: 10508
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 54.599 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY017869.D
Acq: 05 Apr 2024 14:30

Tgt Ion: 98 Resp: 253427
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0

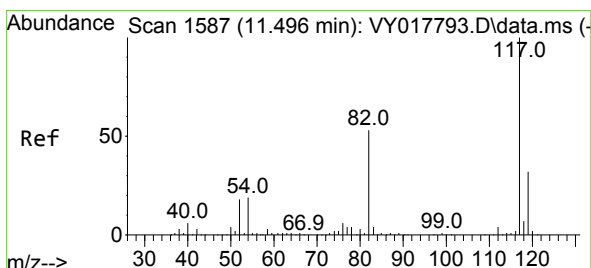
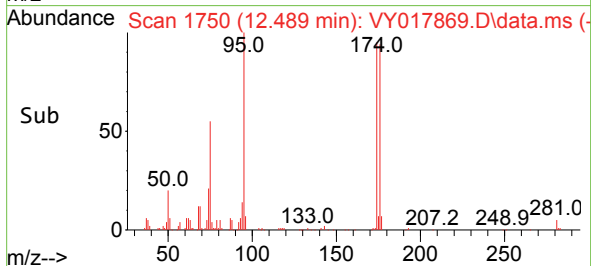
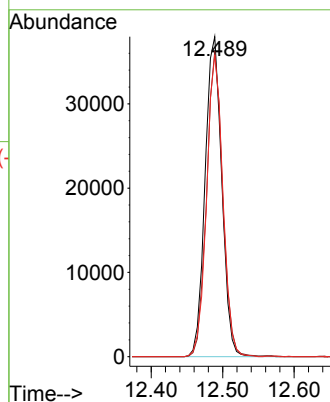
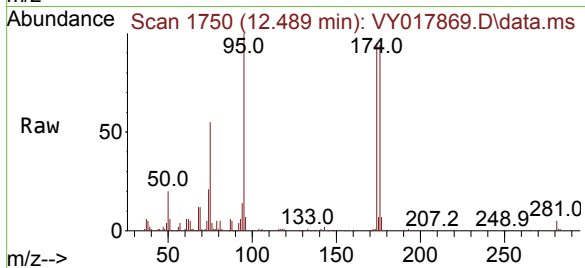




#62
4-Bromofluorobenzene
Concen: 43.491 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY017869.D
Acq: 05 Apr 2024 14:30

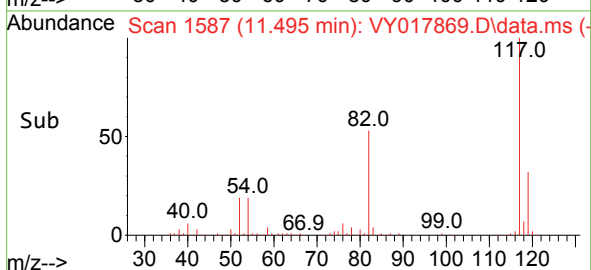
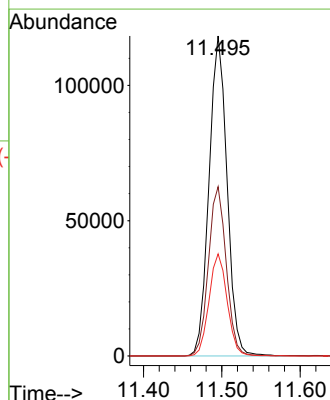
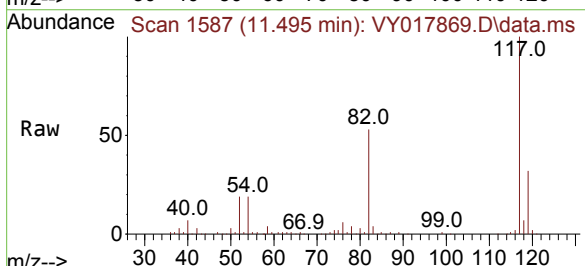
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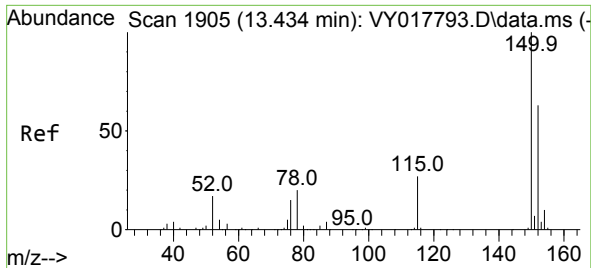
Tgt Ion: 95 Resp: 61418
Ion Ratio Lower Upper
95 100
174 92.2 0.0 175.6
176 92.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY017869.D
Acq: 05 Apr 2024 14:30

Tgt Ion: 117 Resp: 189020
Ion Ratio Lower Upper
117 100
82 52.9 42.4 63.6
119 31.9 25.9 38.9

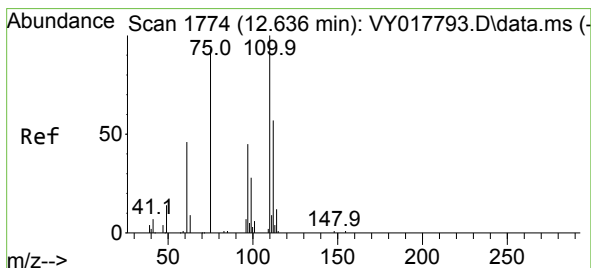
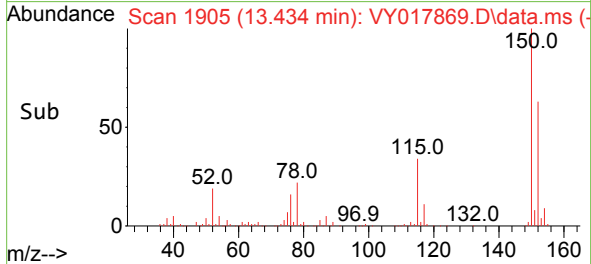
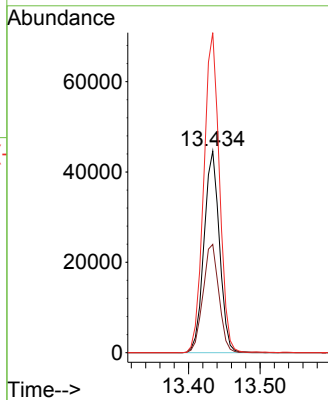
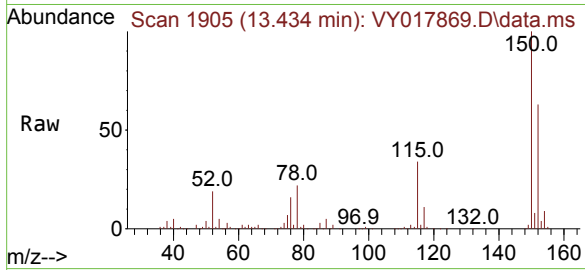




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. -0.000 min
 Lab File: VY017869.D
 Acq: 05 Apr 2024 14:30

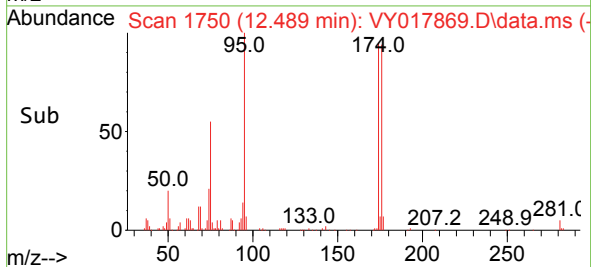
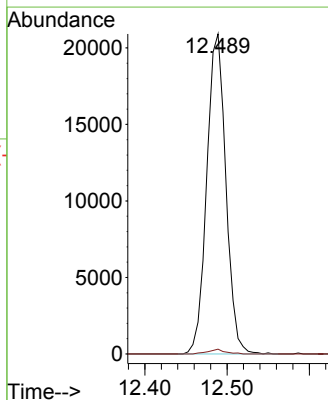
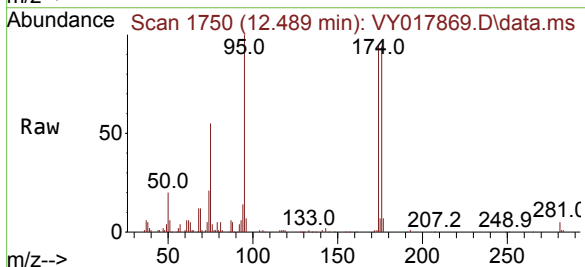
Instrument :
 MSVOA_Y
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 WC13-GRAB-14-15

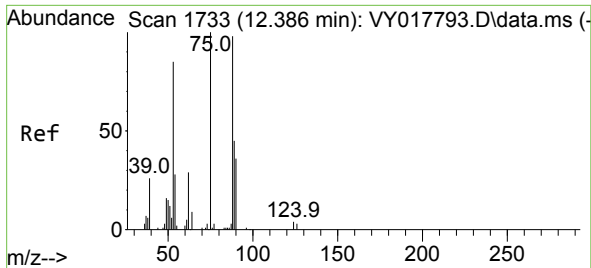
Tgt Ion:152 Resp: 67038
 Ion Ratio Lower Upper
 152 100
 115 55.3 28.2 84.7
 150 160.7 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 55.234 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.147 min
 Lab File: VY017869.D
 Acq: 05 Apr 2024 14:30

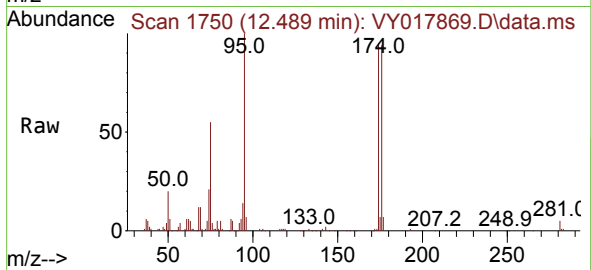
Tgt Ion: 75 Resp: 33742
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 107.535 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY017869.D
 Acq: 05 Apr 2024 14:30

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



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.1	35.8	53.6#

