

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040424\
 Data File : VY017849.D
 Acq On : 04 Apr 2024 13:11
 Operator : SY/MD
 Sample : P1980-01
 Misc : 5.59g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC1-GRAB-10-11

Quant Time: Apr 05 00:46:19 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)

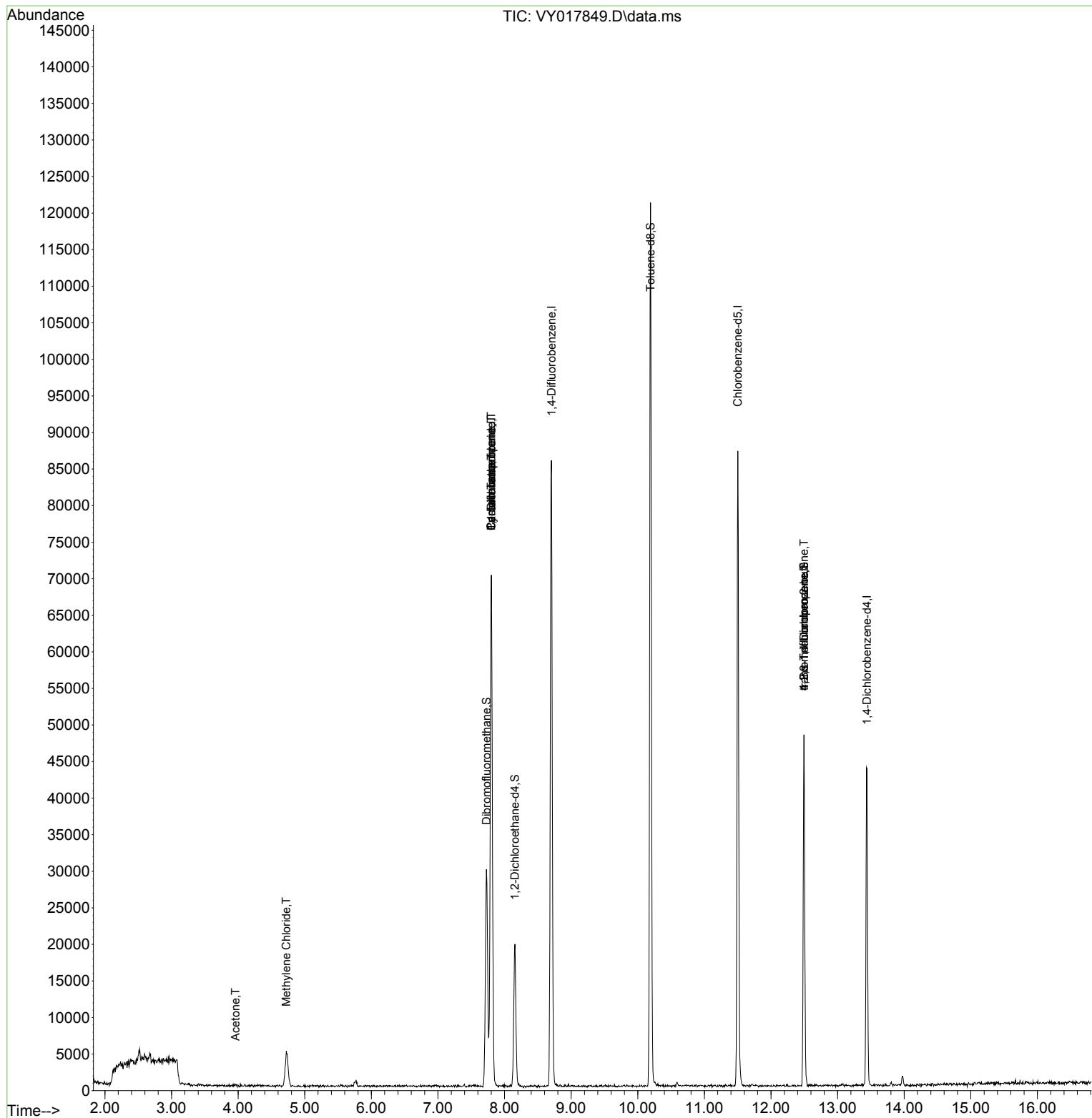
Internal Standards						
1) Pentafluorobenzene	7.801	168	56330	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	76107	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	48522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	11751	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	15457	31.710	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	63.420%
35) Dibromofluoromethane	7.728	113	21326	48.492	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.980%
50) Toluene-d8	10.191	98	82303	50.100	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.200%
62) 4-Bromofluorobenzene	12.496	95	12965	25.940	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	51.880%
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	209	2.074	ug/l #	49
20) Methylene Chloride	4.723	84	3889	3.848	ug/l	93
31) Cyclohexane	7.801	56	1270	1.479	ug/l #	34
36) 1,1-Dichloropropene	7.801	75	4322	6.736	ug/l #	47
38) Carbon Tetrachloride	7.801	117	5475	8.219	ug/l #	19
51) 4-Methyl-2-Pentanone	10.185	43	347	Below Cal	#	1
59) 2-Hexanone	10.715	43	93	Below Cal	#	19
76) 1,2,3-Trichloropropane	12.496	75	7000	65.371	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.496	75	7000	122.094	ug/l #	16

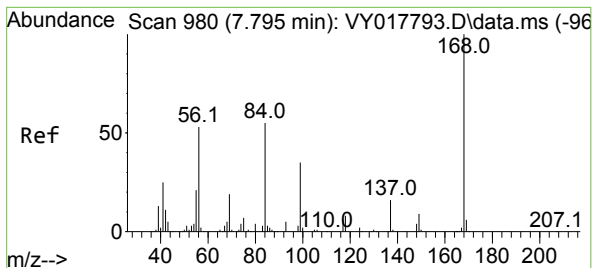
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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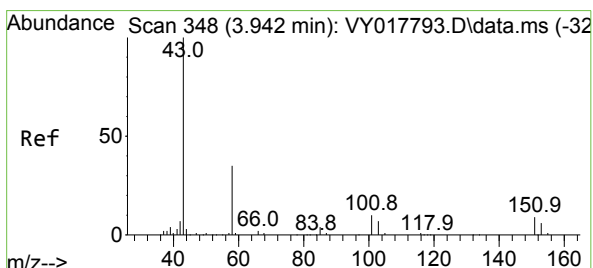
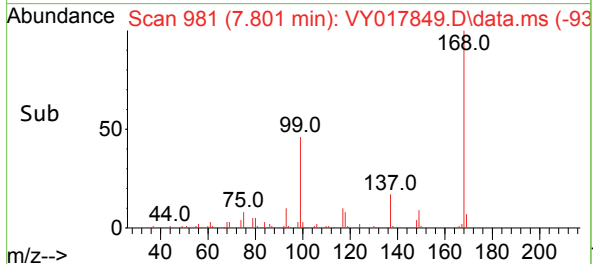
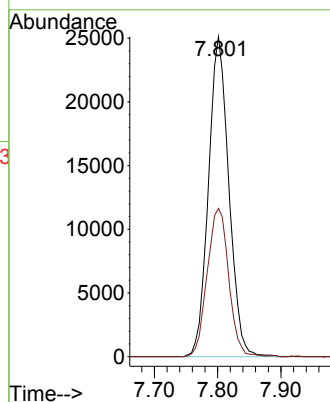
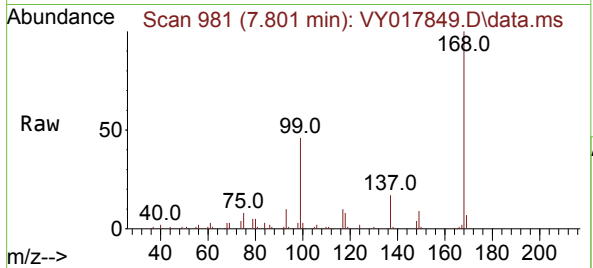




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017849.D
Acq: 04 Apr 2024 13:11

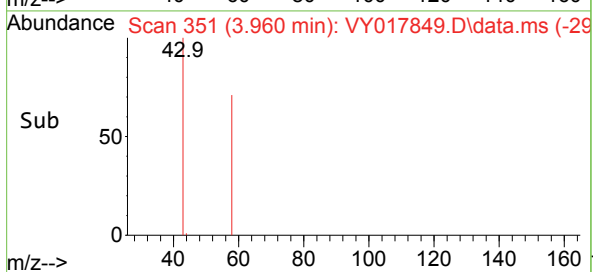
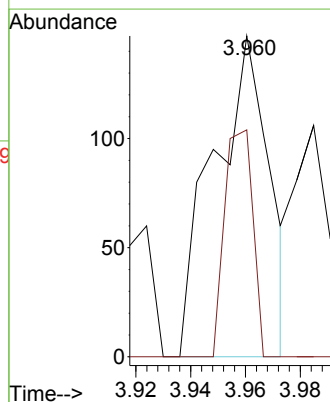
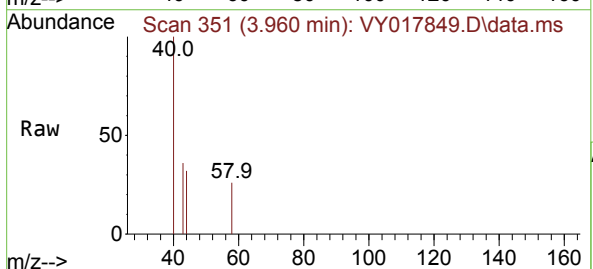
Instrument :
MSVOA_Y
ClientSampleId :
WC1-GRAB-10-11

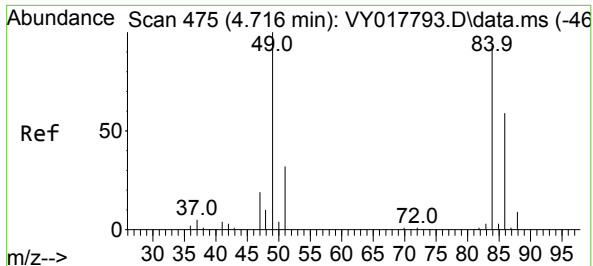
Tgt Ion:168 Resp: 56330
Ion Ratio Lower Upper
168 100
99 46.4 39.1 58.7



#16
Acetone
Concen: 2.074 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY017849.D
Acq: 04 Apr 2024 13:11

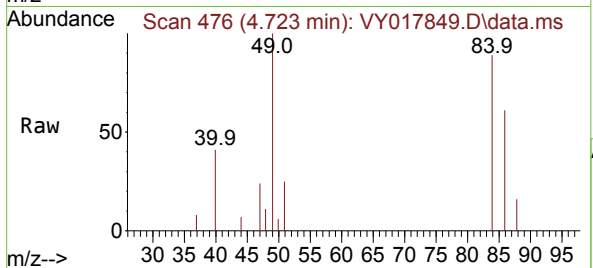
Tgt Ion: 43 Resp: 209
Ion Ratio Lower Upper
43 100
58 70.7 31.7 47.5#



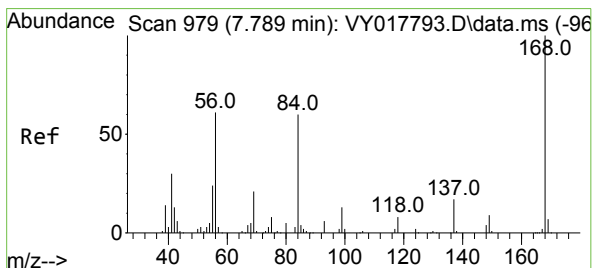
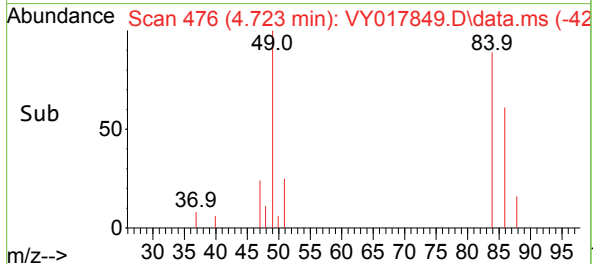
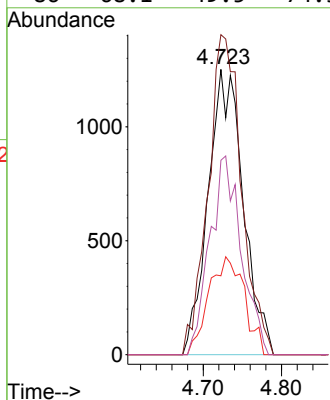


#20
Methylene Chloride
Concen: 3.848 ug/l
RT: 4.723 min Scan# 41
Delta R.T. 0.007 min
Lab File: VY017849.D
Acq: 04 Apr 2024 13:11

Instrument :
MSVOA_Y
ClientSampleId :
WC1-GRAB-10-11

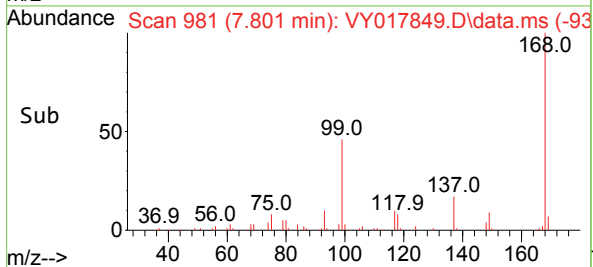
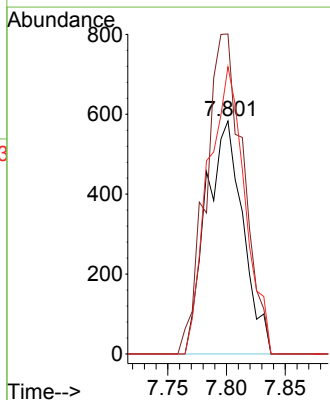
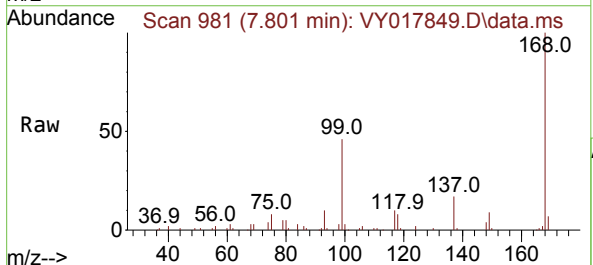


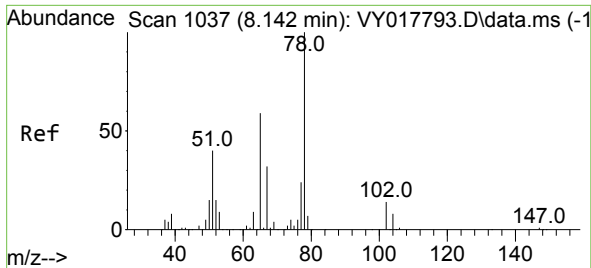
Tgt Ion:	84	Resp:	3889
Ion	Ratio	Lower	Upper
84	100		
49	112.1	84.4	126.6
51	27.6	26.0	39.0
86	68.1	49.5	74.3



#31
Cyclohexane
Concen: 1.479 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY017849.D
Acq: 04 Apr 2024 13:11

Tgt Ion:	56	Resp:	1270
Ion	Ratio	Lower	Upper
56	100		
69	137.4	28.7	43.1#
84	123.3	77.7	116.5#

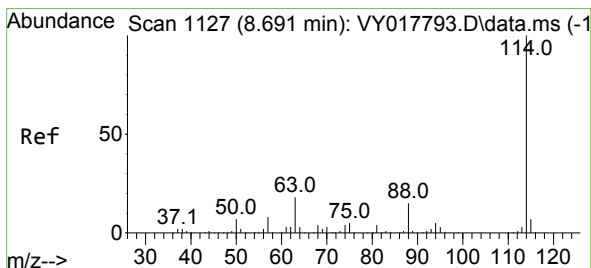
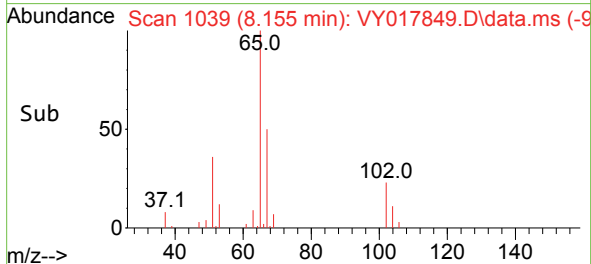
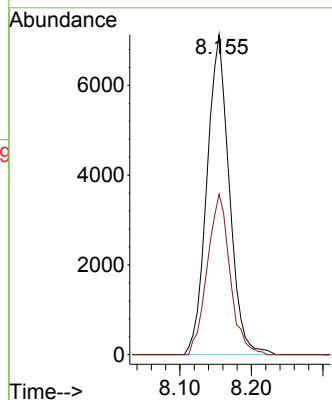
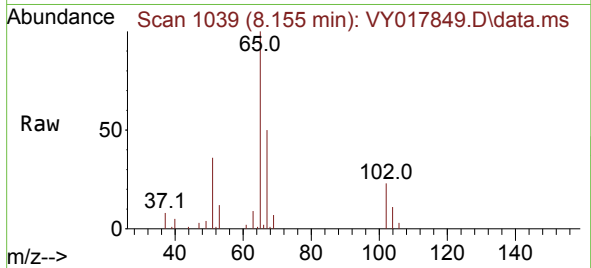




#33
1,2-Dichloroethane-d4
Concen: 31.710 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.012 min
Lab File: VY017849.D
Acq: 04 Apr 2024 13:11

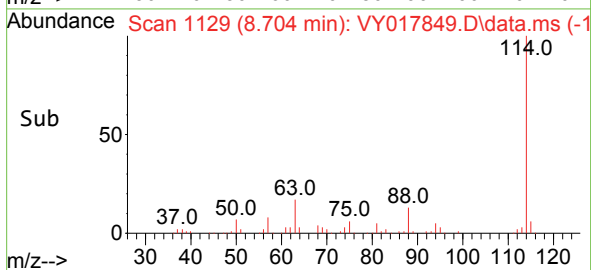
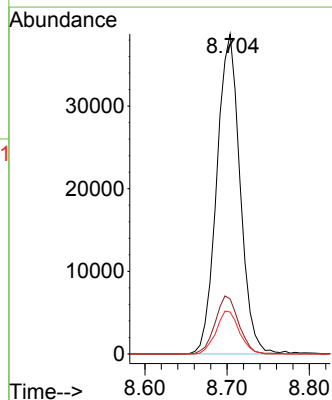
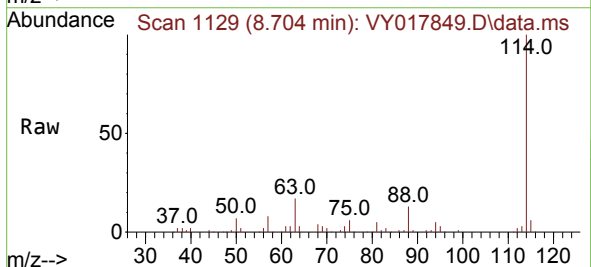
Instrument :
MSVOA_Y
ClientSampleId :
WC1-GRAB-10-11

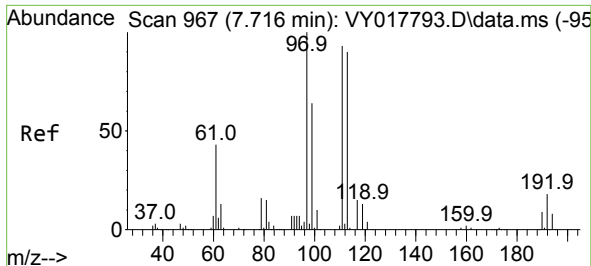
Tgt Ion: 65 Resp: 15457
Ion Ratio Lower Upper
65 100
67 51.1 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.704 min Scan# 1129
Delta R.T. 0.012 min
Lab File: VY017849.D
Acq: 04 Apr 2024 13:11

Tgt Ion: 114 Resp: 76107
Ion Ratio Lower Upper
114 100
63 17.2 0.0 35.0
88 13.1 0.0 27.2

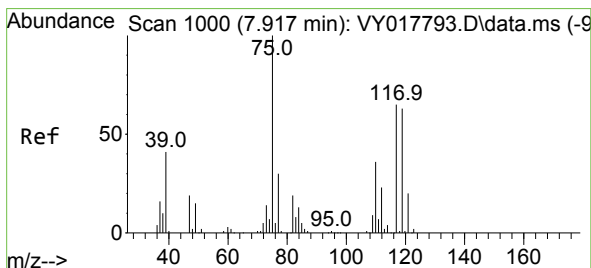
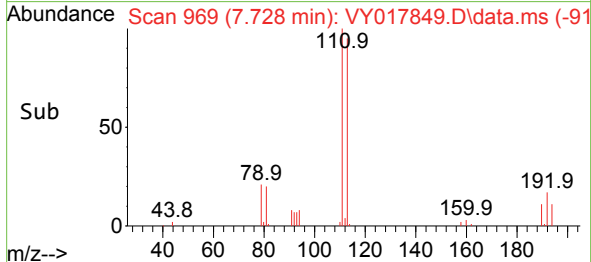
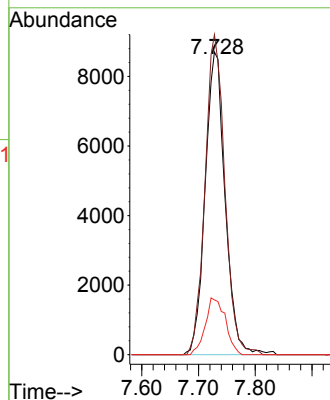
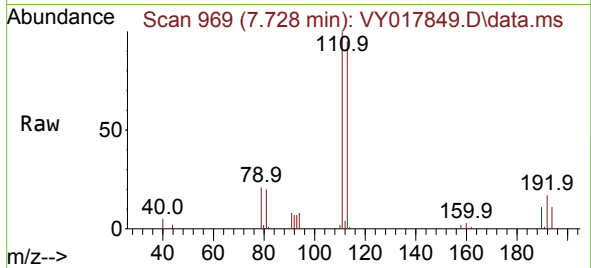




#35
Dibromofluoromethane
Concen: 48.492 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.012 min
Lab File: VY017849.D
Acq: 04 Apr 2024 13:11

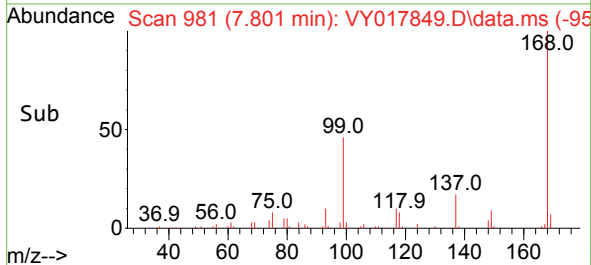
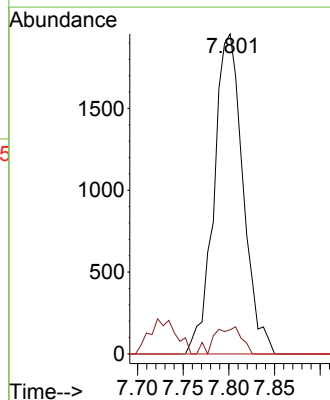
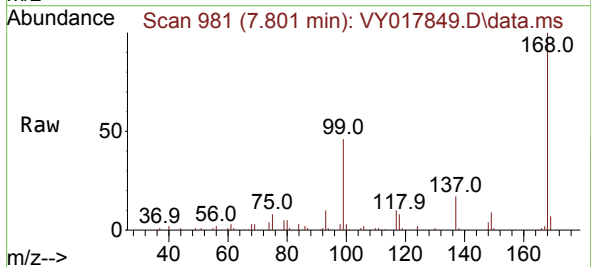
Instrument :
MSVOA_Y
ClientSampleId :
WC1-GRAB-10-11

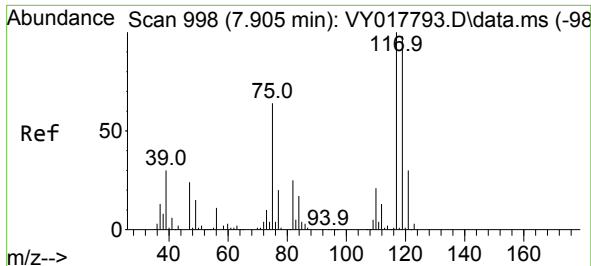
Tgt Ion:113 Resp: 21326
Ion Ratio Lower Upper
113 100
111 104.6 82.2 123.4
192 18.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 6.736 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.116 min
Lab File: VY017849.D
Acq: 04 Apr 2024 13:11

Tgt Ion: 75 Resp: 4322
Ion Ratio Lower Upper
75 100
110 8.0 19.0 57.0#
77 0.0 25.3 37.9#

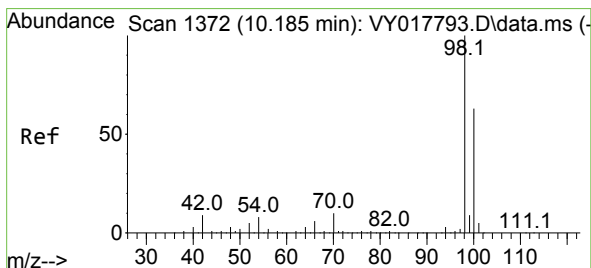
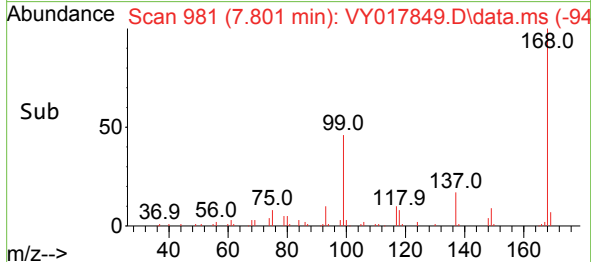
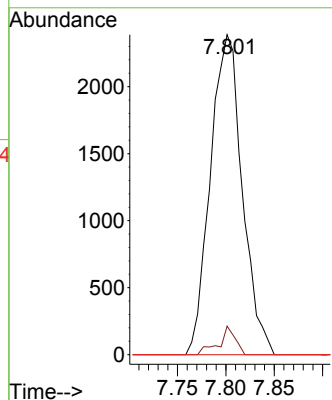
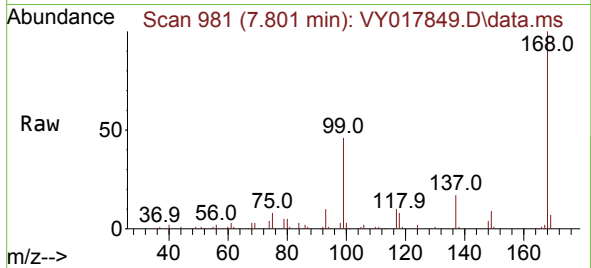




#38
Carbon Tetrachloride
Concen: 8.219 ug/l
RT: 7.801 min Scan# 998
Delta R.T. -0.103 min
Lab File: VY017849.D
Acq: 04 Apr 2024 13:11

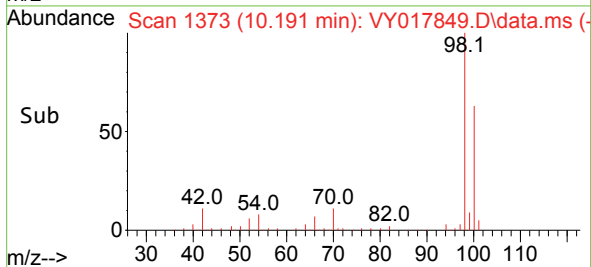
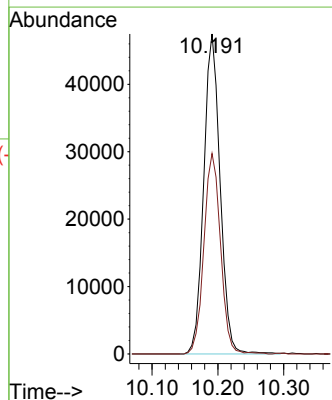
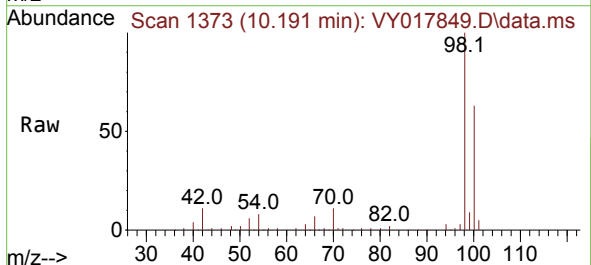
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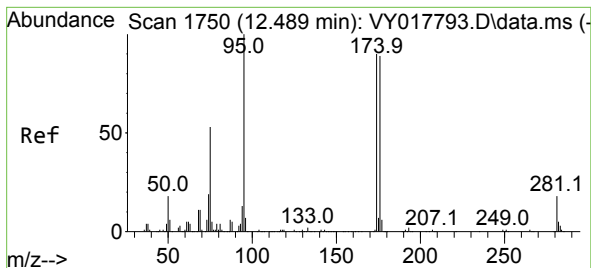
Tgt Ion:117 Resp: 5475
Ion Ratio Lower Upper
117 100
119 8.9 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 50.100 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY017849.D
Acq: 04 Apr 2024 13:11

Tgt Ion: 98 Resp: 82303
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0

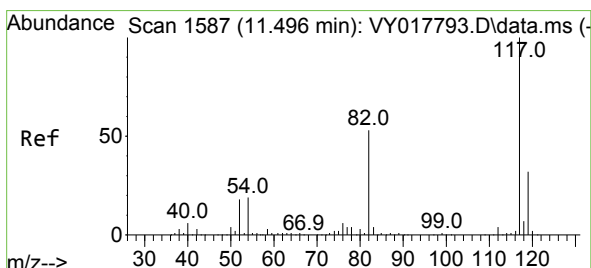
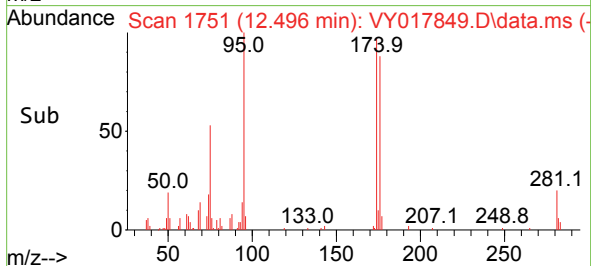
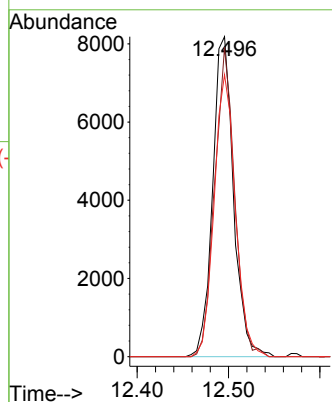
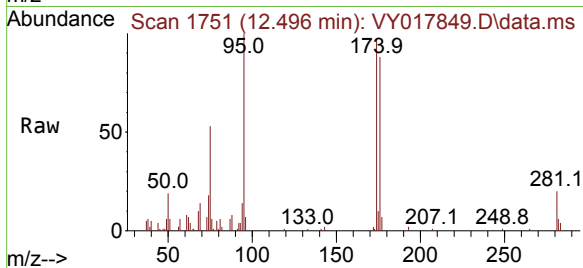




#62
4-Bromofluorobenzene
Concen: 25.940 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017849.D
Acq: 04 Apr 2024 13:11

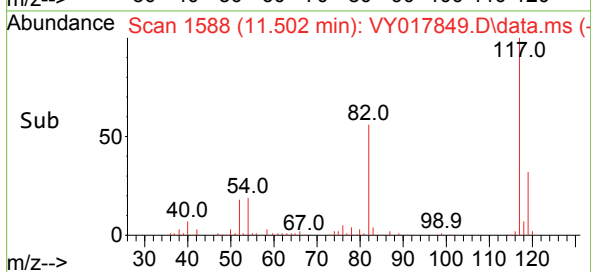
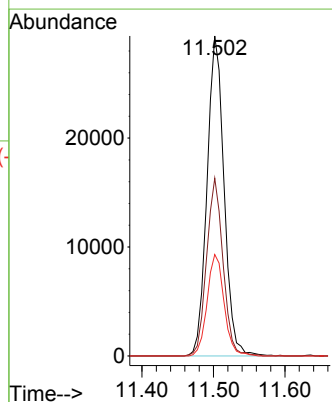
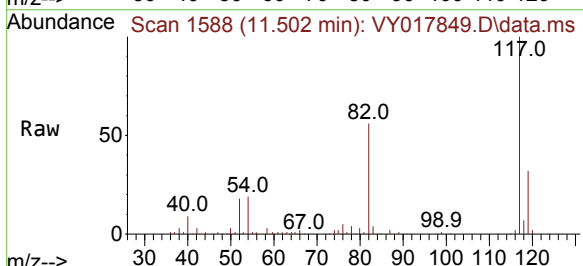
Instrument :
MSVOA_Y
ClientSampleId :
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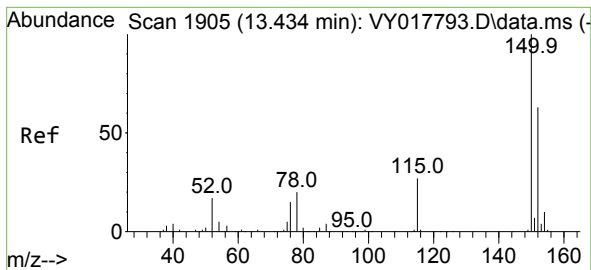
Tgt Ion:	95	Resp:	12965
Ion	Ratio	Lower	Upper
95	100		
174	92.9	0.0	175.6
176	89.9	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VY017849.D
Acq: 04 Apr 2024 13:11

Tgt Ion:	117	Resp:	48522
Ion	Ratio	Lower	Upper
117	100		
82	55.5	42.4	63.6
119	31.7	25.9	38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY017849.D

Acq: 04 Apr 2024 13:11

Instrument :

MSVOA_Y

ClientSampleId :

WC1-GRAB-10-11

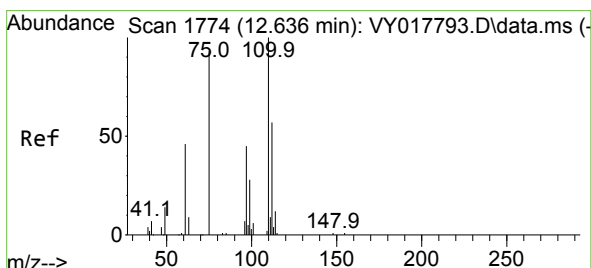
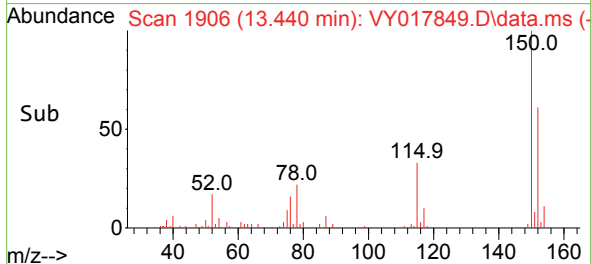
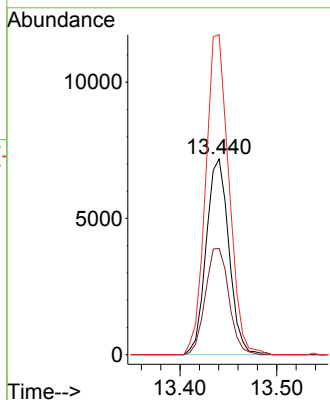
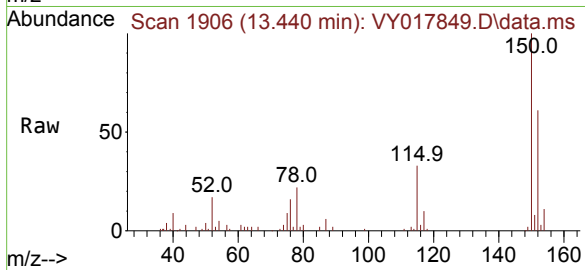
Tgt Ion:152 Resp: 11751

Ion Ratio Lower Upper

152 100

115 56.1 28.2 84.7

150 167.2 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 65.371 ug/l

RT: 12.496 min Scan# 1751

Delta R.T. -0.140 min

Lab File: VY017849.D

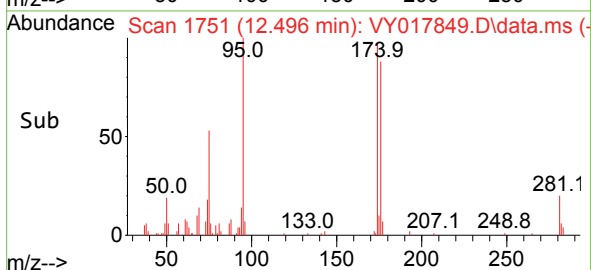
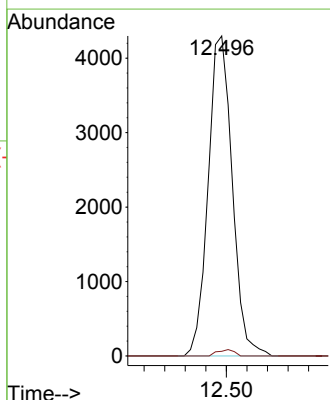
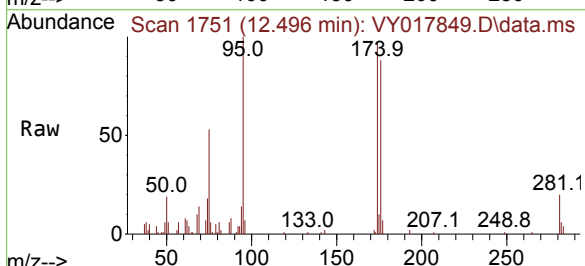
Acq: 04 Apr 2024 13:11

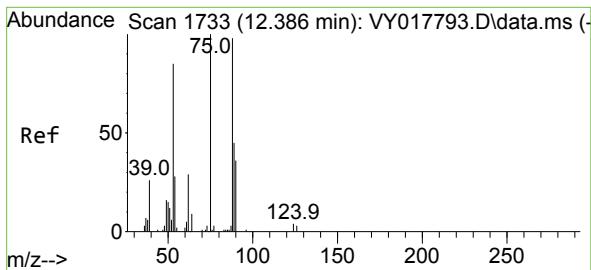
Tgt Ion: 75 Resp: 7000

Ion Ratio Lower Upper

75 100

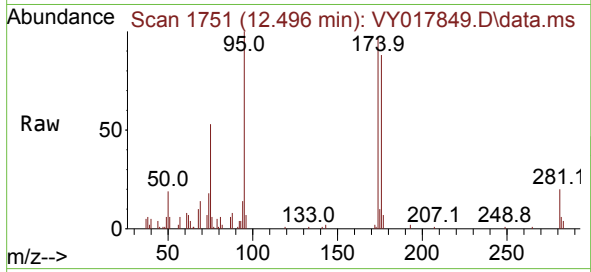
77 1.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 122.094 ug/l
RT: 12.496 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY017849.D
Acq: 04 Apr 2024 13:11

Instrument :
MSVOA_Y
ClientSampleId :
WC1-GRAB-10-11



Tgt Ion:	75	Resp:	7000
Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.0	35.8	53.6#

