

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061024\
 Data File : VY018544.D
 Acq On : 10 Jun 2024 12:36
 Operator : SY/MD
 Sample : P2795-03
 Misc : 6.52g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1-(0-5)-GRAB

Quant Time: Jun 11 01:54:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

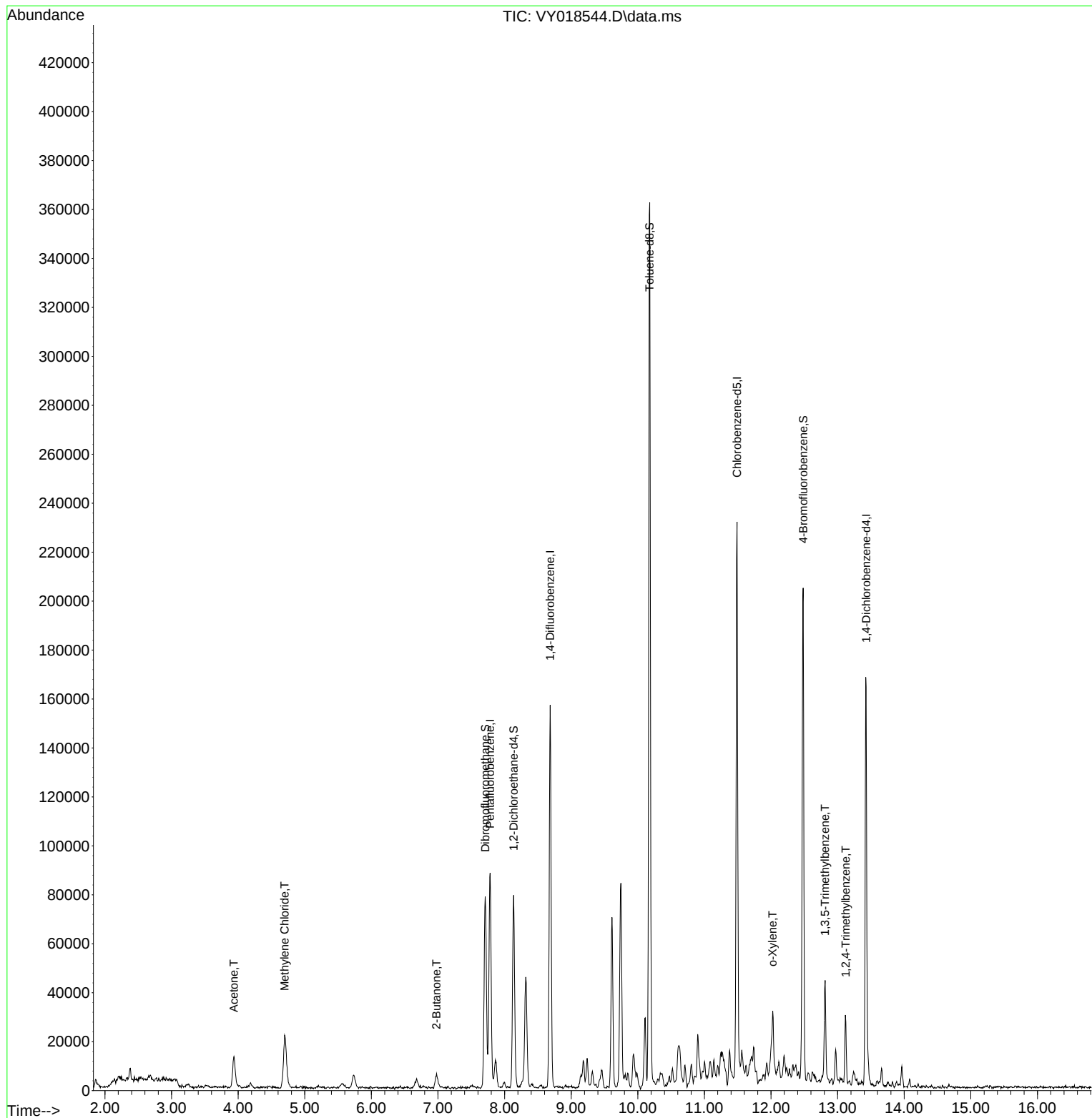
Internal Standards						
1) Pentafluorobenzene	7.783	168	62788	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	127062	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	114342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	38744	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	56409	45.747	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.500%
35) Dibromofluoromethane	7.710	113	56061	34.794	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	69.580%
50) Toluene-d8	10.179	98	231440	36.107	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	72.220%
62) 4-Bromofluorobenzene	12.483	95	58563	29.344	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	58.680%
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	22482	82.148	ug/l	# 86
20) Methylene Chloride	4.698	84	14669	6.751	ug/l	# 83
25) 2-Butanone	6.978	43	9329	22.251	ug/l	# 72
69) o-Xylene	12.026	106	5148	1.591	ug/l	86
80) 1,3,5-Trimethylbenzene	12.812	105	19368	6.220	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	13998	4.592	ug/l	99

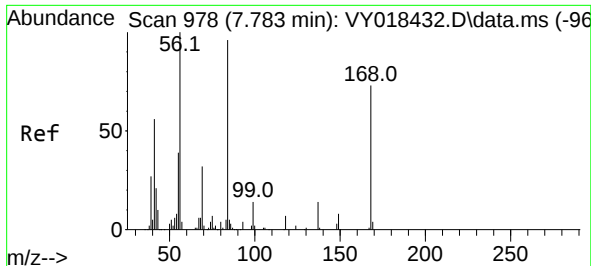
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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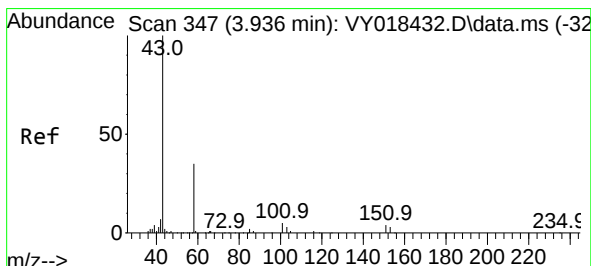
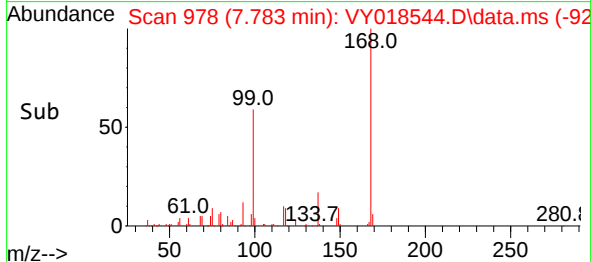
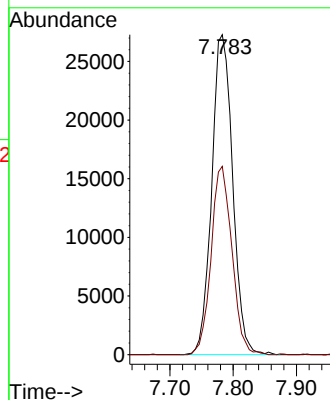
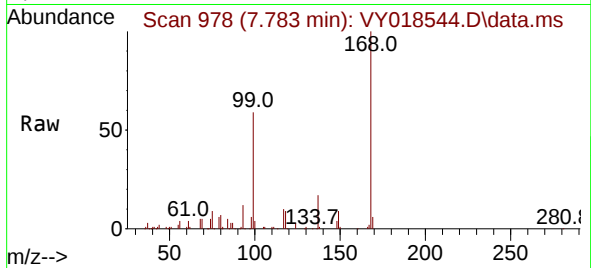




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018544.D
Acq: 10 Jun 2024 12:36

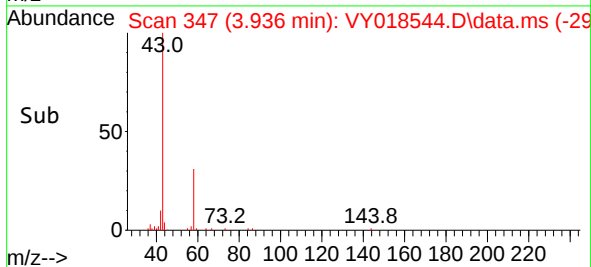
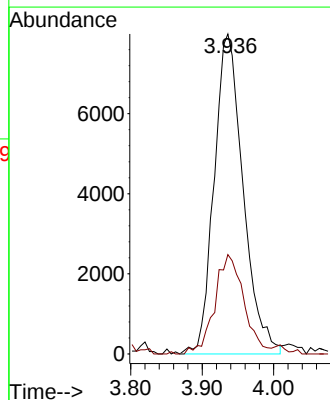
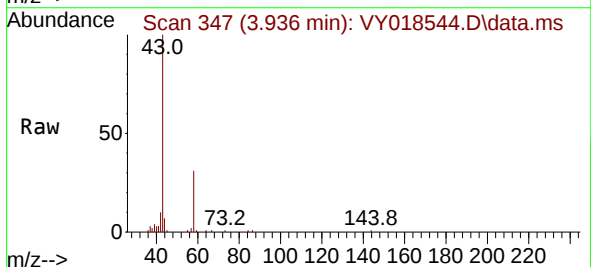
Instrument :
MSVOA_Y
ClientSampleId :
WC-1-(0-5)-GRAB

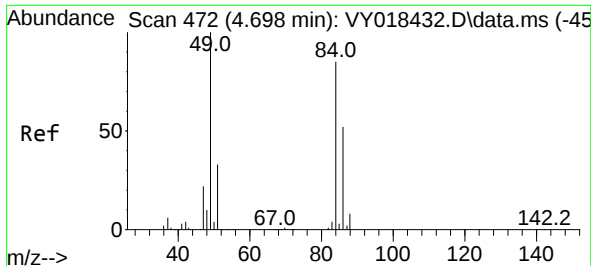
Tgt Ion:168 Resp: 62788
Ion Ratio Lower Upper
168 100
99 58.9 39.1 58.7#



#16
Acetone
Concen: 82.148 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY018544.D
Acq: 10 Jun 2024 12:36

Tgt Ion: 43 Resp: 22482
Ion Ratio Lower Upper
43 100
58 31.0 31.7 47.5#

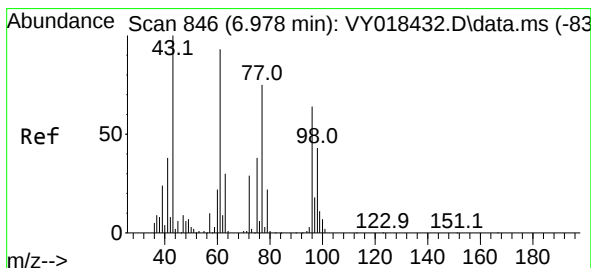
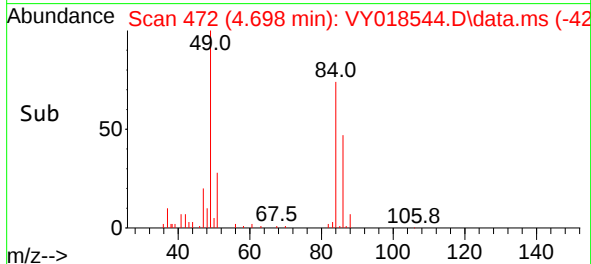
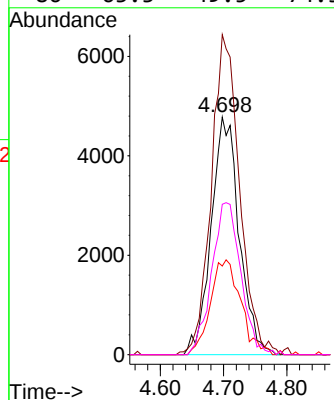
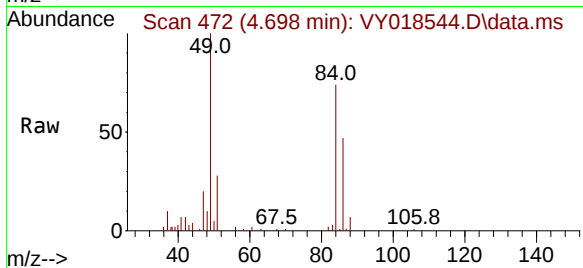




#20
Methylene Chloride
Concen: 6.751 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.000 min
Lab File: VY018544.D
Acq: 10 Jun 2024 12:36

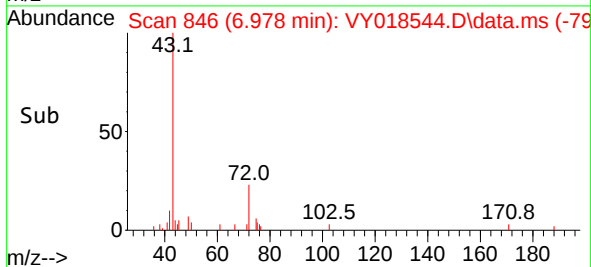
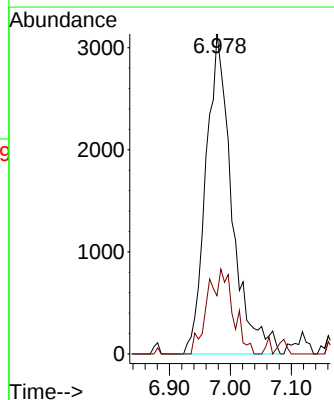
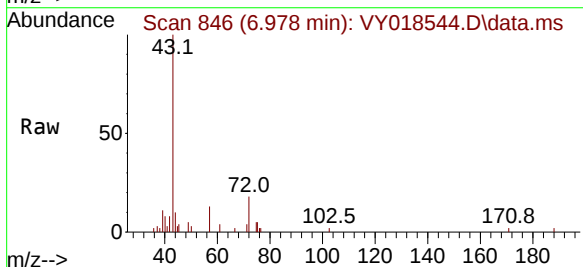
Instrument :
MSVOA_Y
ClientSampleId :
WC-1-(0-5)-GRAB

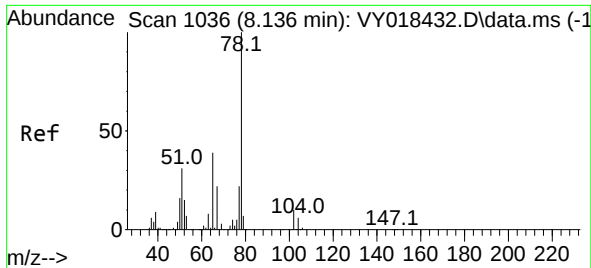
Tgt Ion:	84	Resp:	14669
Ion	Ratio	Lower	Upper
84	100		
49	134.7	84.4	126.6#
51	37.3	26.0	39.0
86	63.3	49.5	74.3



#25
2-Butanone
Concen: 22.251 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY018544.D
Acq: 10 Jun 2024 12:36

Tgt Ion:	43	Resp:	9329
Ion	Ratio	Lower	Upper
43	100		
72	18.2	27.3	40.9#

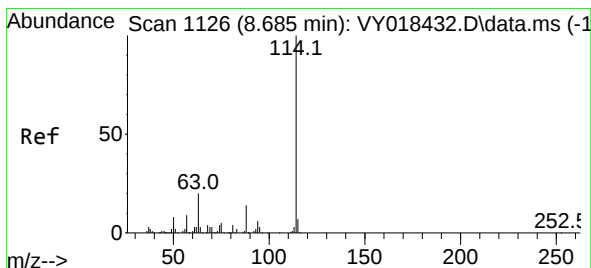
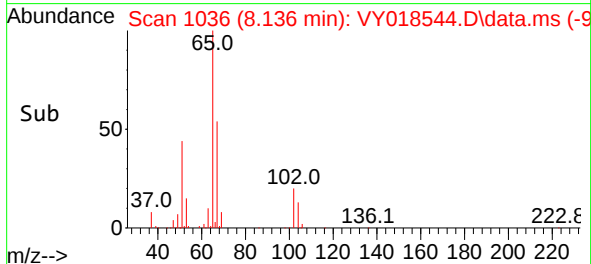
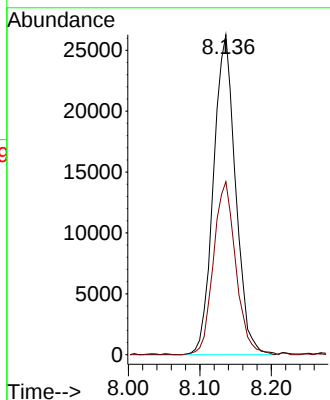
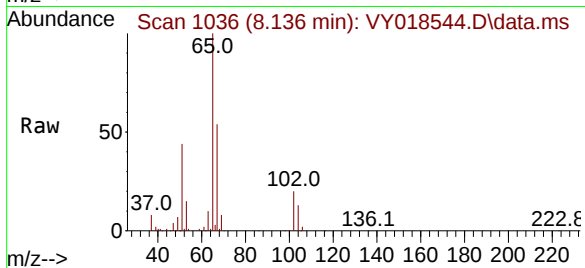




#33
1,2-Dichloroethane-d4
Concen: 45.747 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY018544.D
Acq: 10 Jun 2024 12:36

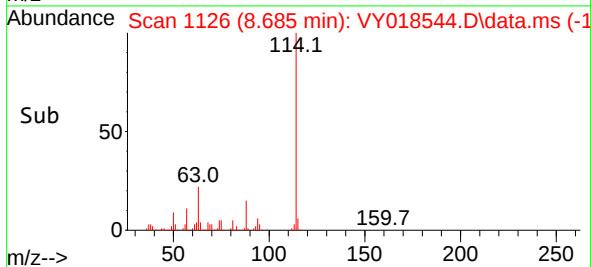
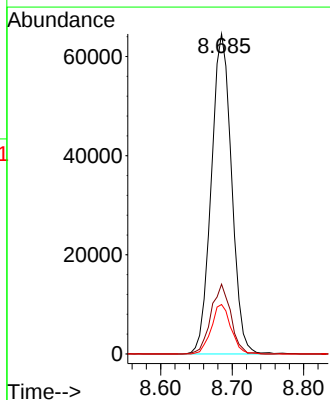
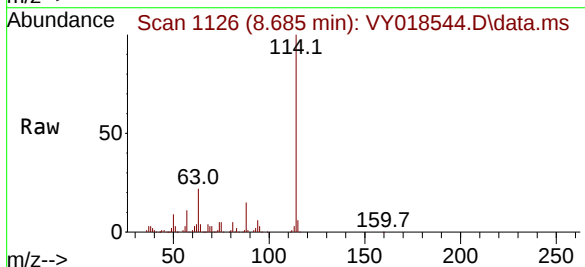
Instrument :
MSVOA_Y
ClientSampleId :
WC-1-(0-5)-GRAB

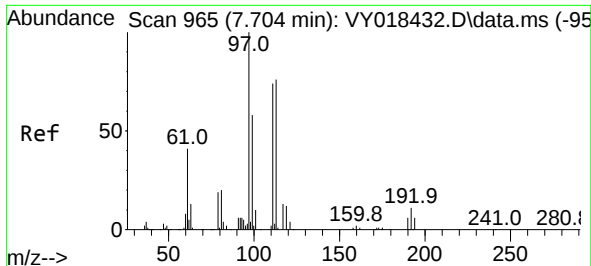
Tgt Ion: 65 Resp: 56409
Ion Ratio Lower Upper
65 100
67 54.5 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY018544.D
Acq: 10 Jun 2024 12:36

Tgt Ion: 114 Resp: 127062
Ion Ratio Lower Upper
114 100
63 21.8 0.0 35.0
88 15.4 0.0 27.2

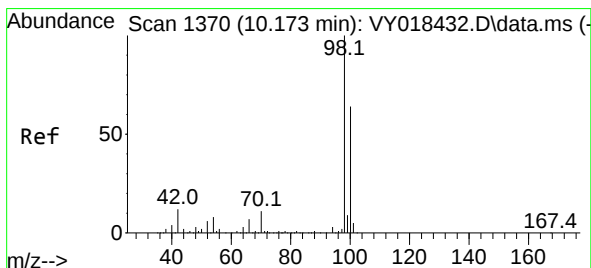
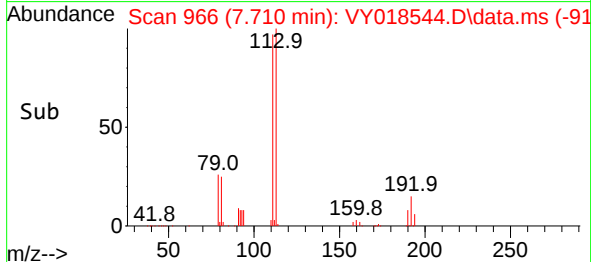
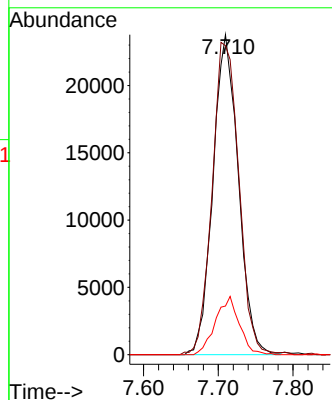
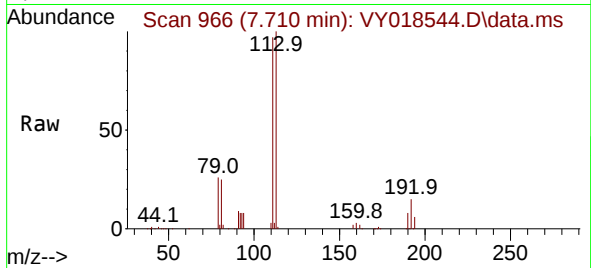




#35
Dibromofluoromethane
Concen: 34.794 ug/l
RT: 7.710 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018544.D
Acq: 10 Jun 2024 12:36

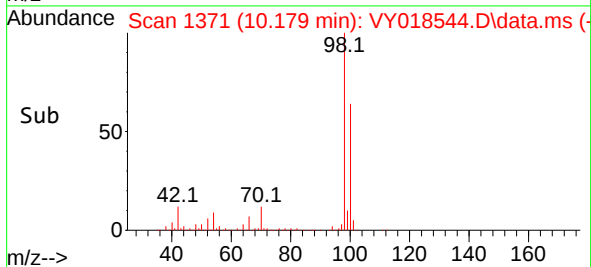
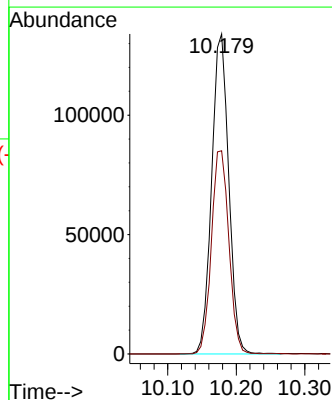
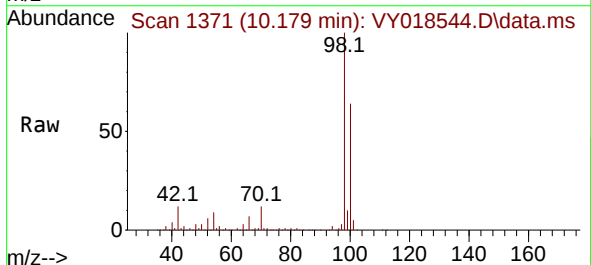
Instrument :
MSVOA_Y
ClientSampleId :
WC-1-(0-5)-GRAB

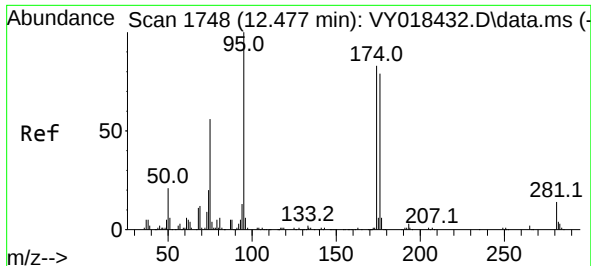
Tgt Ion:113 Resp: 56061
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 17.1 15.9 23.9



#50
Toluene-d8
Concen: 36.107 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY018544.D
Acq: 10 Jun 2024 12:36

Tgt Ion: 98 Resp: 231440
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0

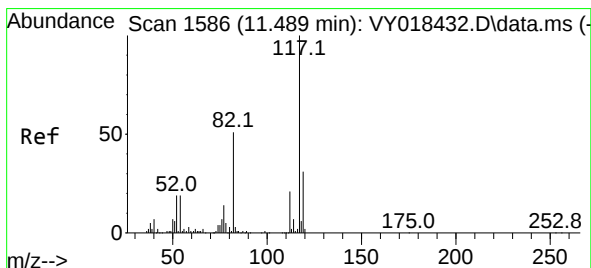
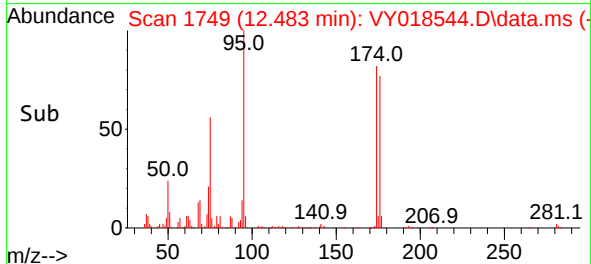
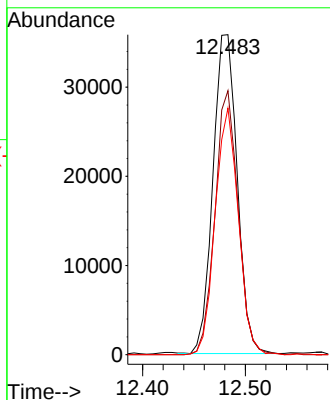
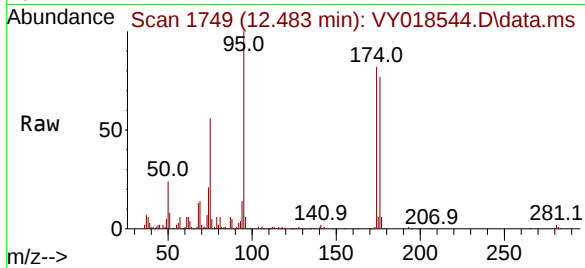




#62
4-Bromofluorobenzene
Concen: 29.344 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018544.D
Acq: 10 Jun 2024 12:36

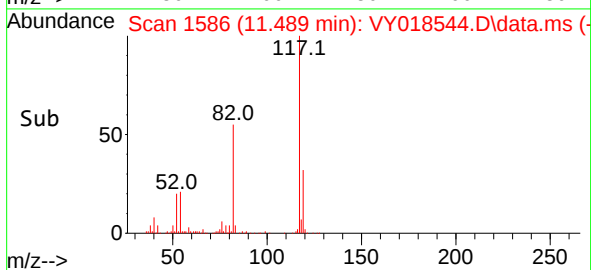
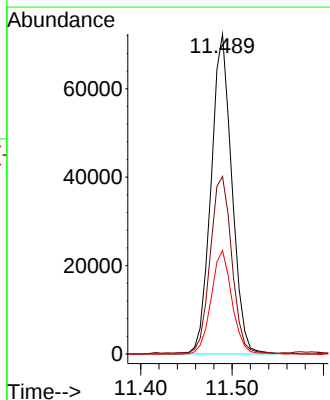
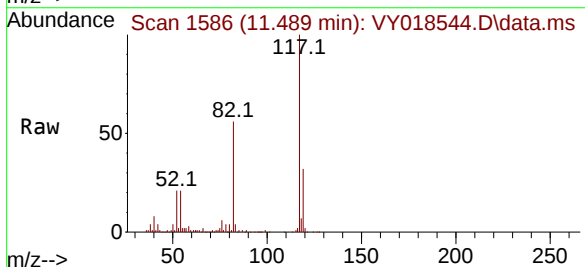
Instrument :
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ClientSampleId :
WC-1-(0-5)-GRAB

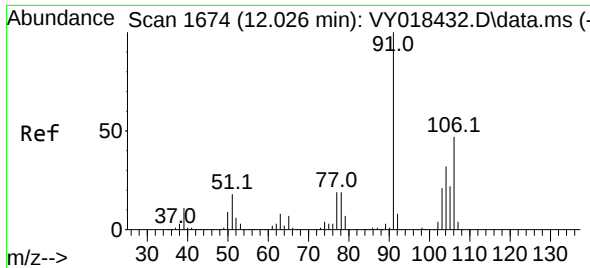
Tgt Ion: 95 Resp: 58563
Ion Ratio Lower Upper
95 100
174 79.0 0.0 175.6
176 74.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY018544.D
Acq: 10 Jun 2024 12:36

Tgt Ion: 117 Resp: 114342
Ion Ratio Lower Upper
117 100
82 55.2 42.4 63.6
119 32.3 25.9 38.9

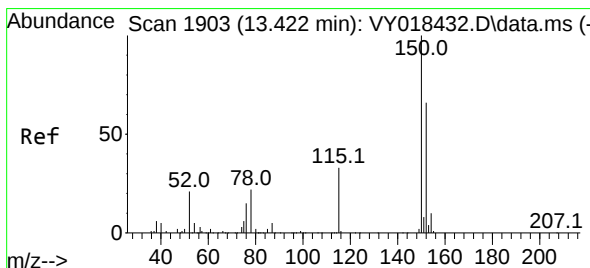
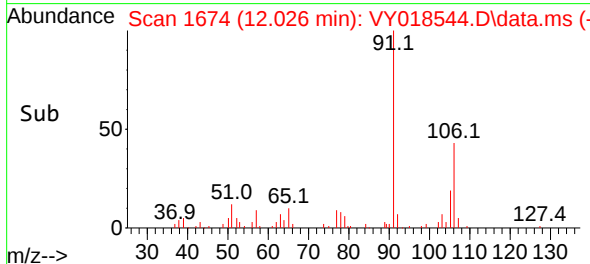
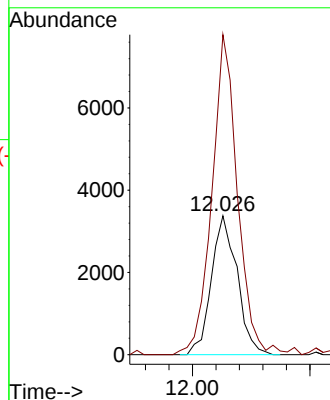
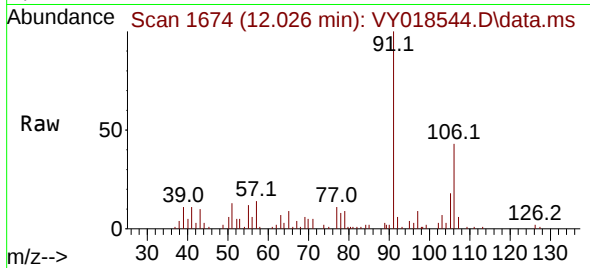




#69
o-Xylene
Concen: 1.591 ug/l
RT: 12.026 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY018544.D
Acq: 10 Jun 2024 12:36

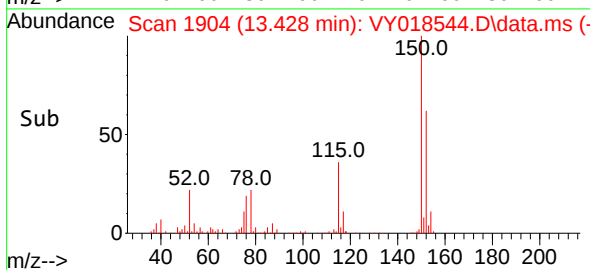
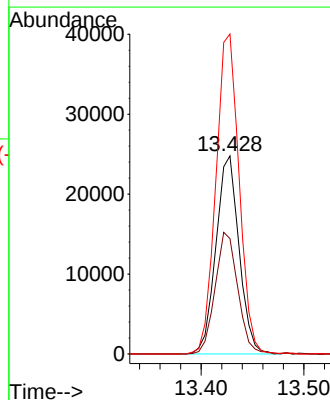
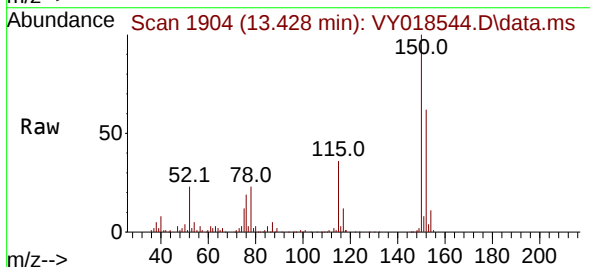
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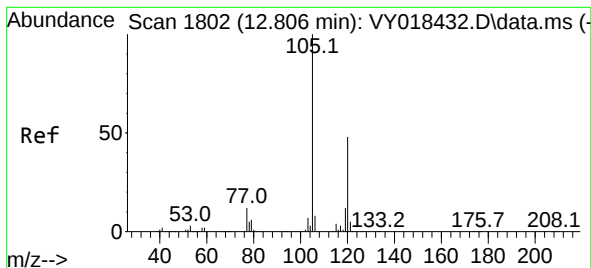
Tgt Ion:106 Resp: 5148
Ion Ratio Lower Upper
106 100
91 228.5 103.6 310.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY018544.D
Acq: 10 Jun 2024 12:36

Tgt Ion:152 Resp: 38744
Ion Ratio Lower Upper
152 100
115 60.2 28.2 84.7
150 162.1 0.0 345.6





#80

1,3,5-Trimethylbenzene

Concen: 6.220 ug/l

RT: 12.812 min Scan# 1802

Delta R.T. 0.006 min

Lab File: VY018544.D

Acq: 10 Jun 2024 12:36

Instrument :

MSVOA_Y

ClientSampleId :

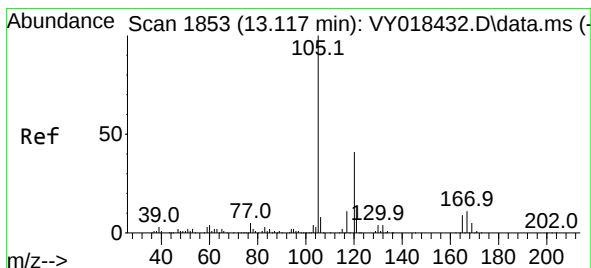
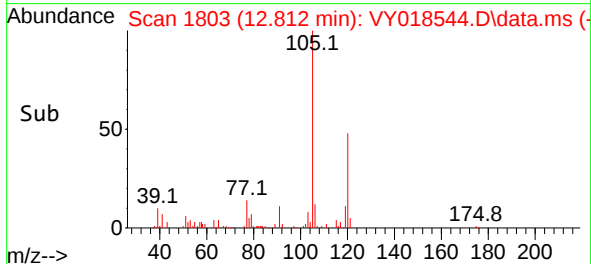
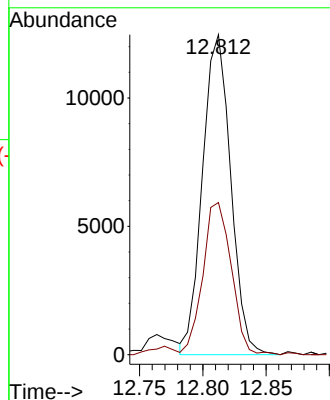
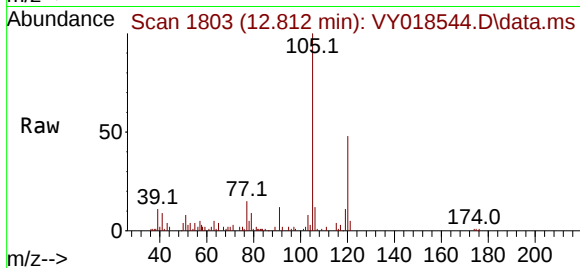
WC-1-(0-5)-GRAB

Tgt Ion:105 Resp: 19368

Ion Ratio Lower Upper

105 100

120 47.9 25.1 75.2



#84

1,2,4-Trimethylbenzene

Concen: 4.592 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY018544.D

Acq: 10 Jun 2024 12:36

Tgt Ion:105 Resp: 13998

Ion Ratio Lower Upper

105 100

120 47.1 23.2 69.6

