

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022724\
 Data File : VY017495.D
 Acq On : 27 Feb 2024 14:42
 Operator : SY/MD
 Sample : P1602-07
 Misc : 4.45g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-3

Quant Time: Feb 28 00:16:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

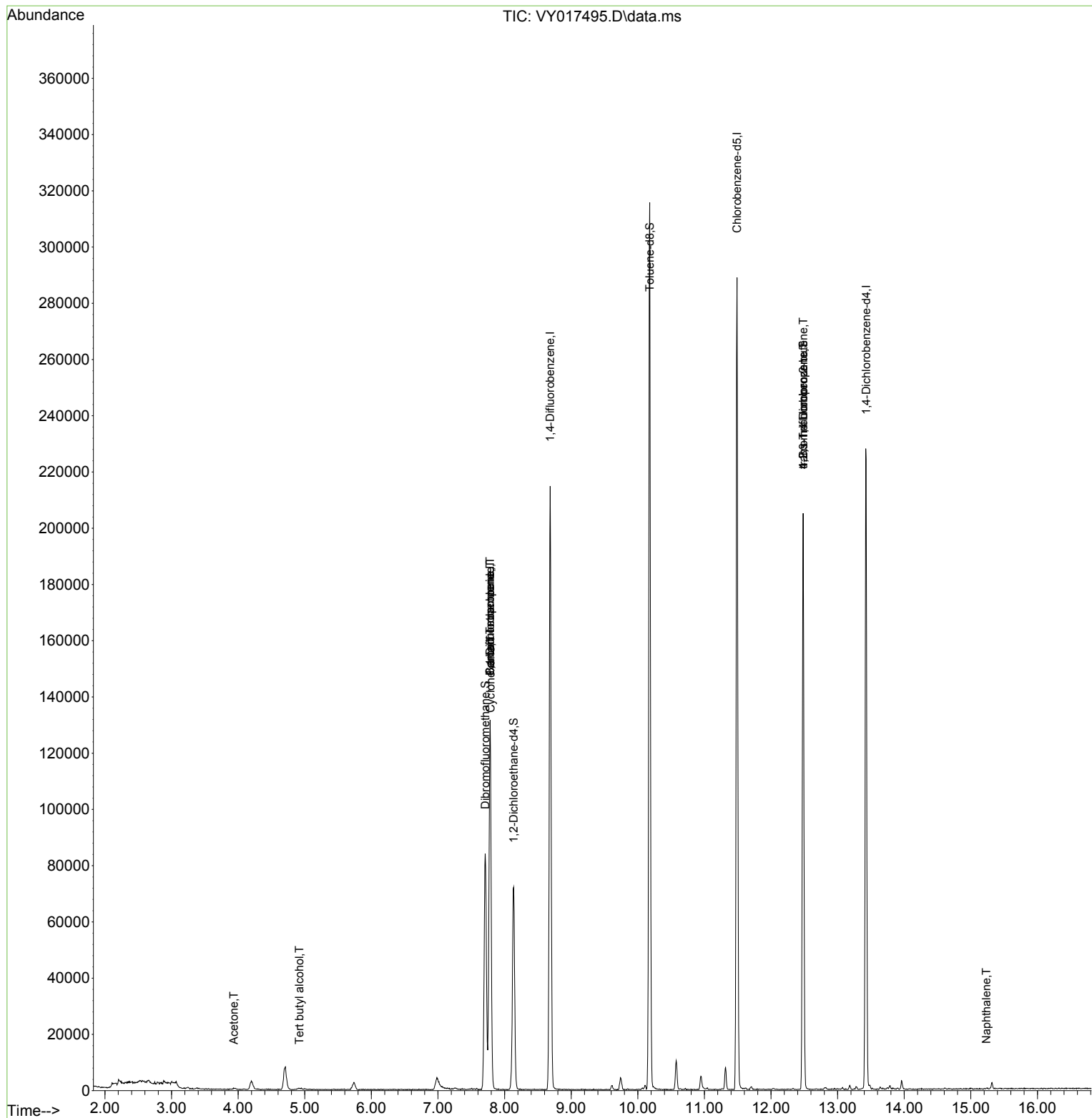
Internal Standards						
1) Pentafluorobenzene	7.783	168	107265	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	191232	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	169263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	63817	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	53282	52.413	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.820%	
35) Dibromofluoromethane	7.710	113	61610	46.234	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 92.460%	
50) Toluene-d8	10.179	98	215877	46.334	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 92.660%	
62) 4-Bromofluorobenzene	12.483	95	57970	39.590	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 79.180%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.917	59	145	1.679	ug/l #	88
16) Acetone	3.936	43	776	3.936	ug/l #	81
31) Cyclohexane	7.789	56	1995	1.206	ug/l #	3
36) 1,1-Dichloropropene	7.783	75	8059	4.482	ug/l #	47
38) Carbon Tetrachloride	7.783	117	9894	5.491	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	28353	46.760	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	28353	107.443	ug/l #	16
95) Naphthalene	15.233	128	322	4.063	ug/l #	69

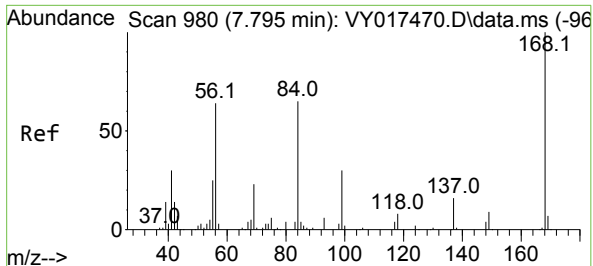
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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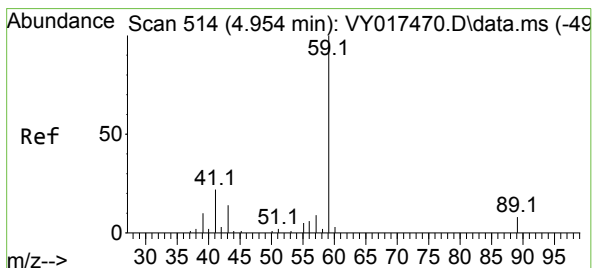
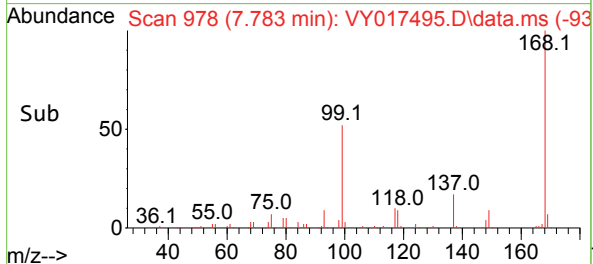
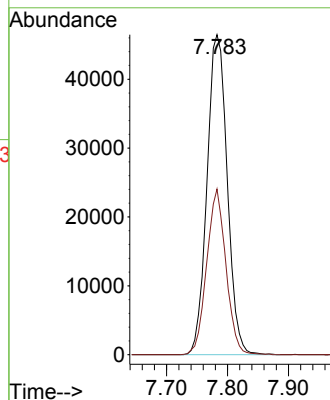
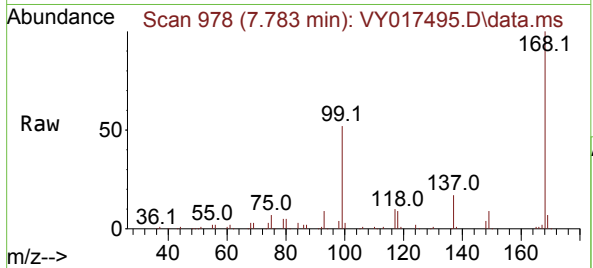




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017495.D
Acq: 27 Feb 2024 14:42

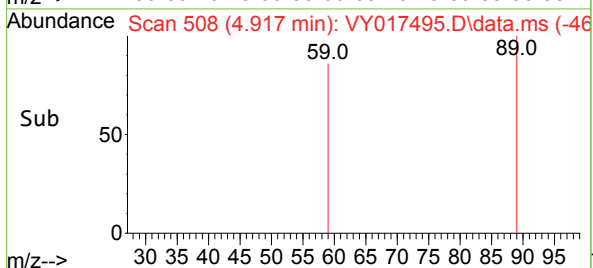
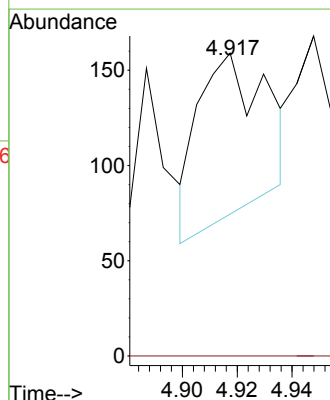
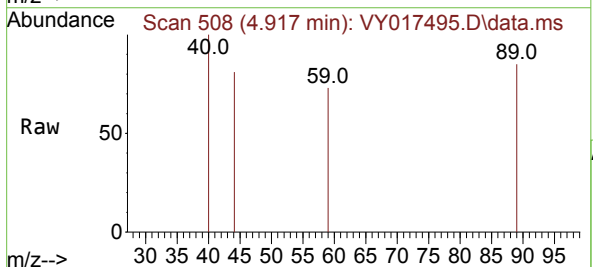
Instrument :
MSVOA_Y
ClientSampleId :
WC-3

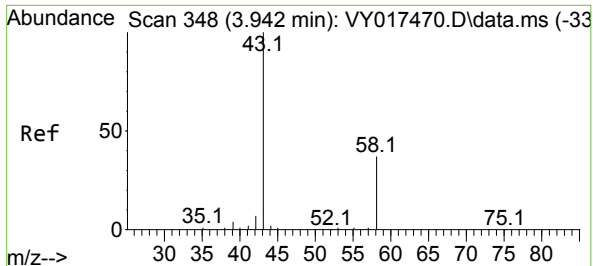
Tgt Ion:168 Resp: 107265
Ion Ratio Lower Upper
168 100
99 51.7 39.1 58.7



#11
Tert butyl alcohol
Concen: 1.679 ug/l
RT: 4.917 min Scan# 508
Delta R.T. -0.037 min
Lab File: VY017495.D
Acq: 27 Feb 2024 14:42

Tgt Ion: 59 Resp: 145
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

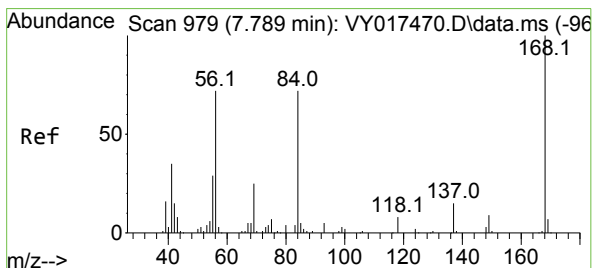
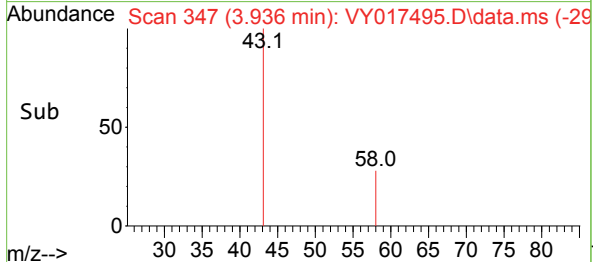
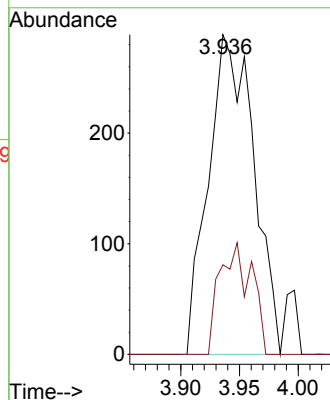
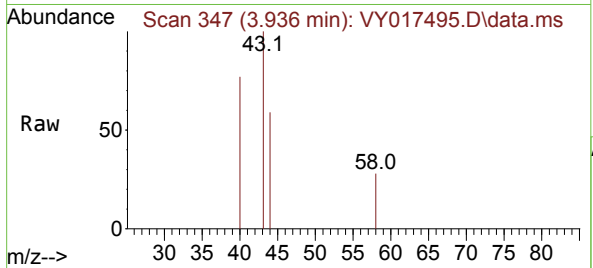




#16
Acetone
Concen: 3.936 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY017495.D
Acq: 27 Feb 2024 14:42

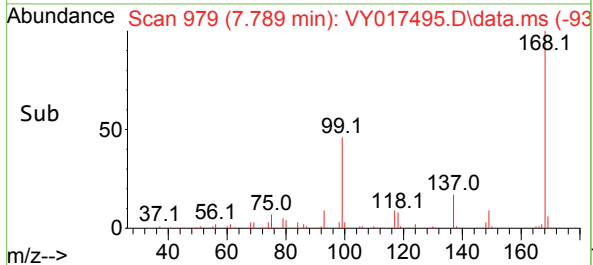
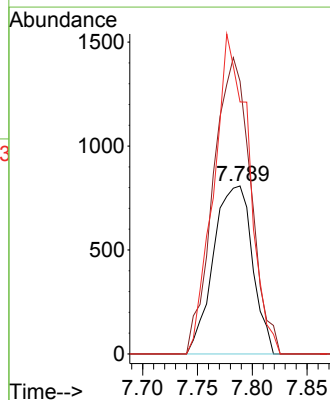
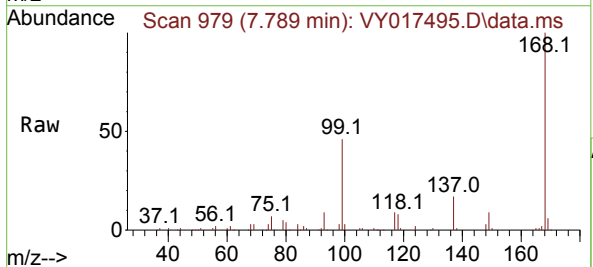
Instrument :
MSVOA_Y
ClientSampleId :
WC-3

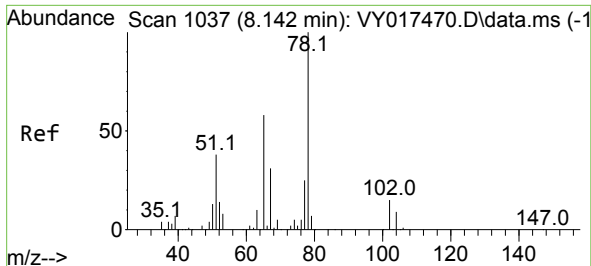
Tgt Ion: 43 Resp: 776
Ion Ratio Lower Upper
43 100
58 28.0 31.7 47.5#



#31
Cyclohexane
Concen: 1.206 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY017495.D
Acq: 27 Feb 2024 14:42

Tgt Ion: 56 Resp: 1995
Ion Ratio Lower Upper
56 100
69 162.3 28.7 43.1#
84 150.0 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 52.413 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY017495.D

Acq: 27 Feb 2024 14:42

Instrument :

MSVOA_Y

ClientSampleId :

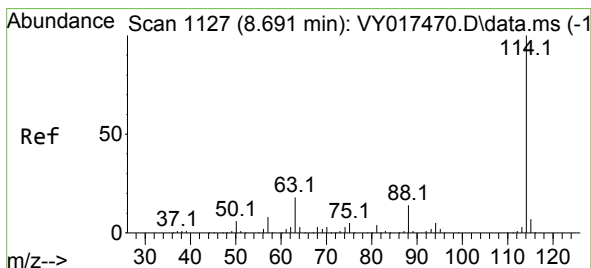
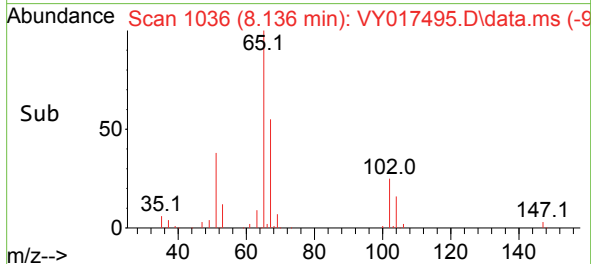
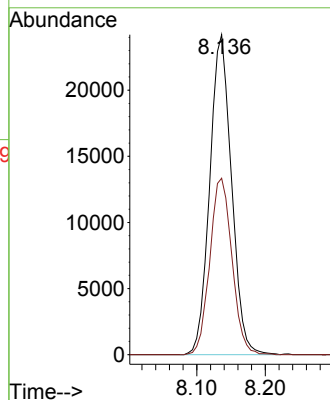
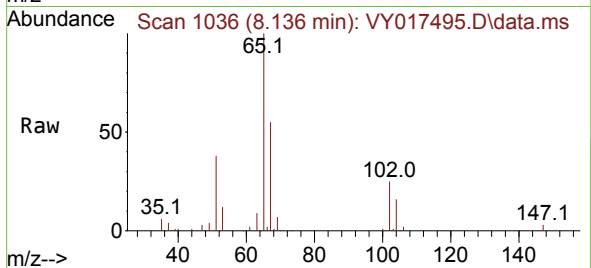
WC-3

Tgt Ion: 65 Resp: 53282

Ion Ratio Lower Upper

65 100

67 56.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY017495.D

Acq: 27 Feb 2024 14:42

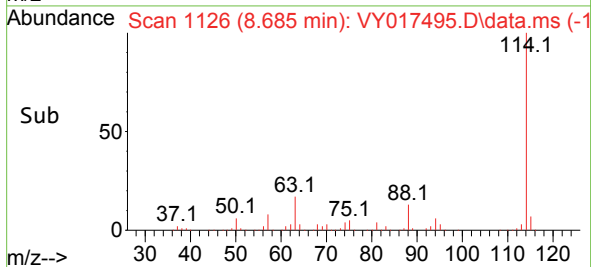
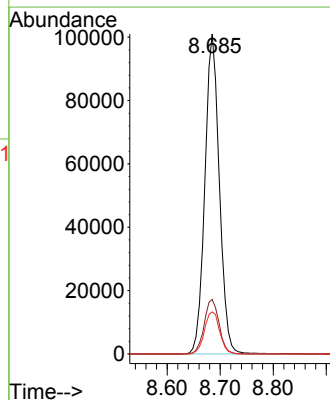
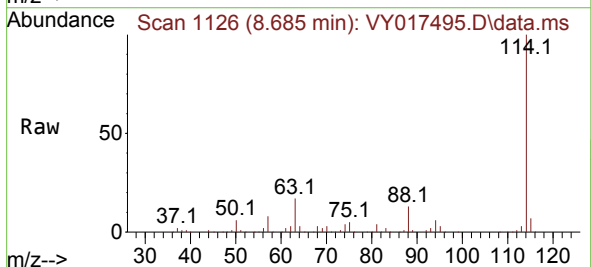
Tgt Ion: 114 Resp: 191232

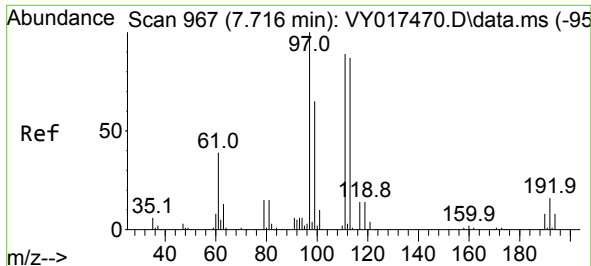
Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.0

88 13.1 0.0 27.2

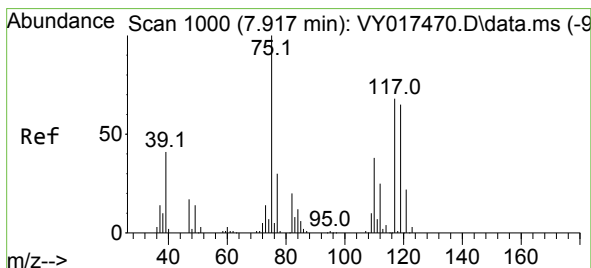
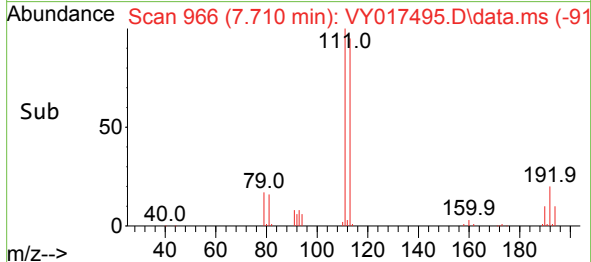
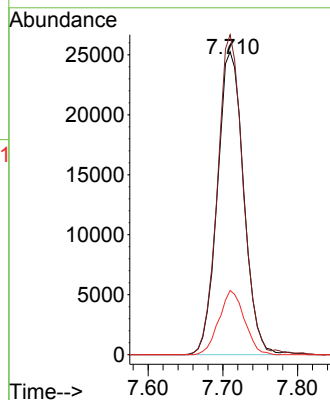
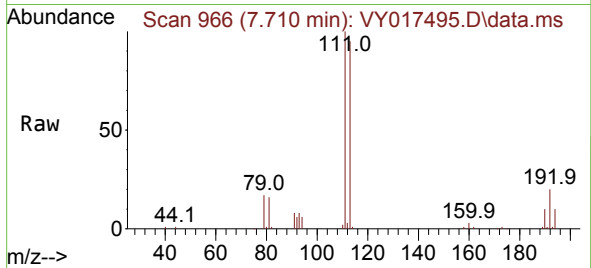




#35
Dibromofluoromethane
Concen: 46.234 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY017495.D
Acq: 27 Feb 2024 14:42

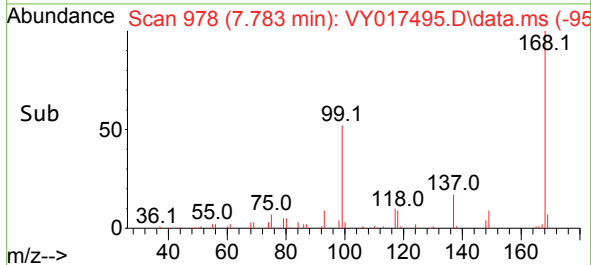
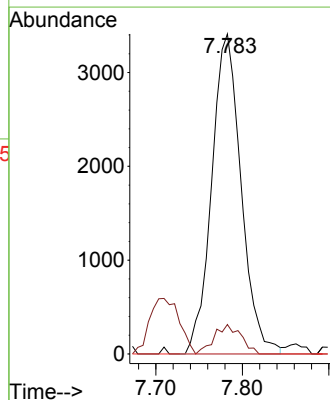
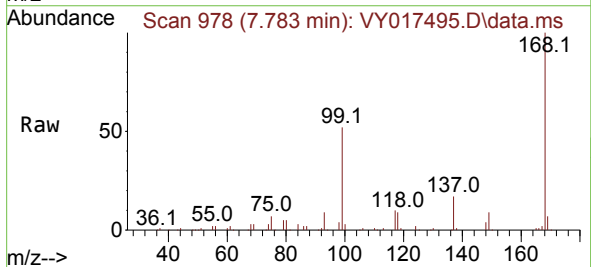
Instrument :
MSVOA_Y
ClientSampleId :
WC-3

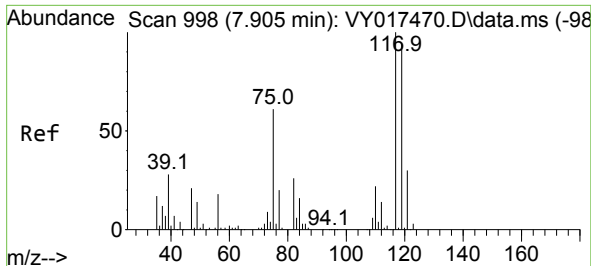
Tgt Ion:113 Resp: 61610
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 20.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.482 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY017495.D
Acq: 27 Feb 2024 14:42

Tgt Ion: 75 Resp: 8059
Ion Ratio Lower Upper
75 100
110 8.3 19.0 57.0#
77 0.0 25.3 37.9#

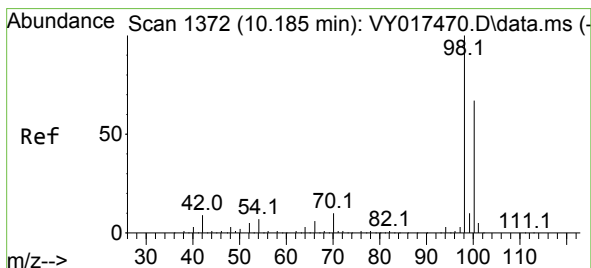
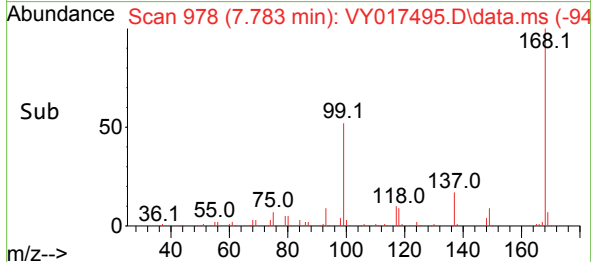
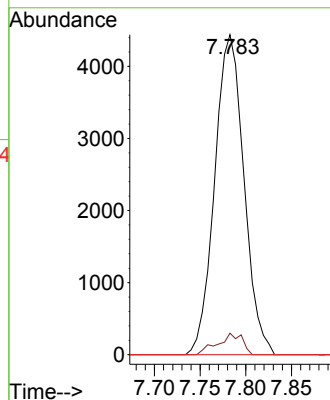
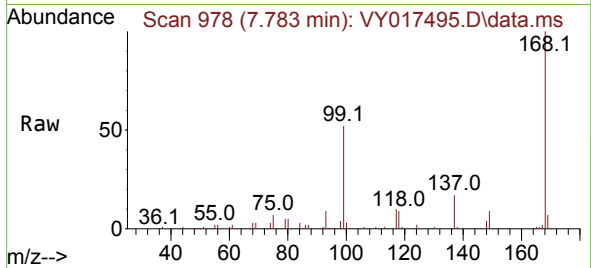




#38
Carbon Tetrachloride
Concen: 5.491 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY017495.D
Acq: 27 Feb 2024 14:42

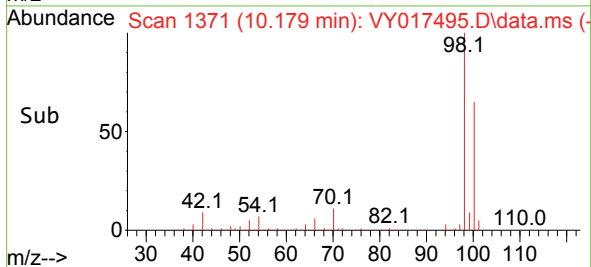
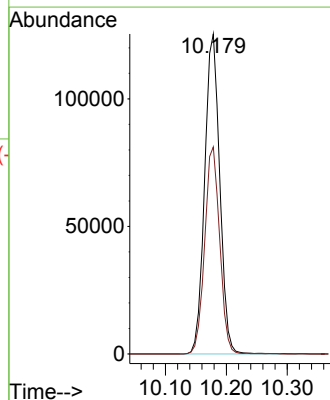
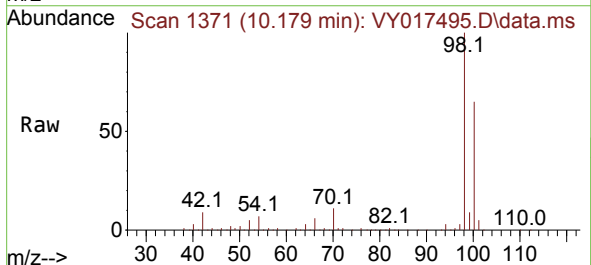
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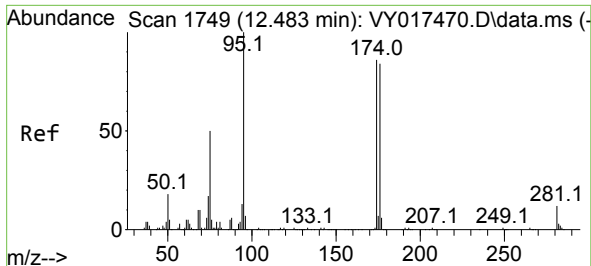
Tgt Ion:117 Resp: 9894
Ion Ratio Lower Upper
117 100
119 6.7 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 46.334 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY017495.D
Acq: 27 Feb 2024 14:42

Tgt Ion: 98 Resp: 215877
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0

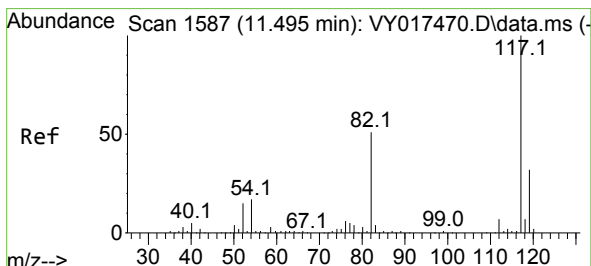
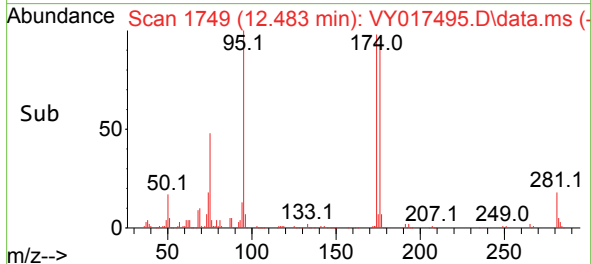
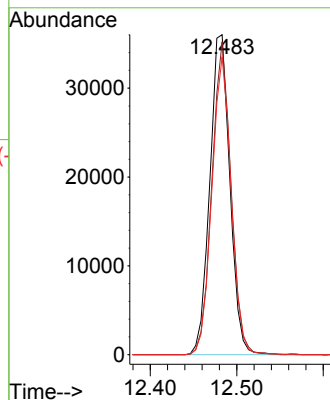
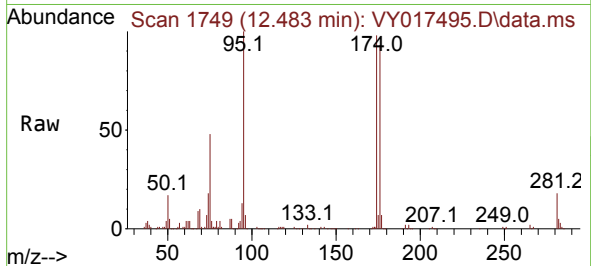




#62
4-Bromofluorobenzene
Concen: 39.590 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017495.D
Acq: 27 Feb 2024 14:42

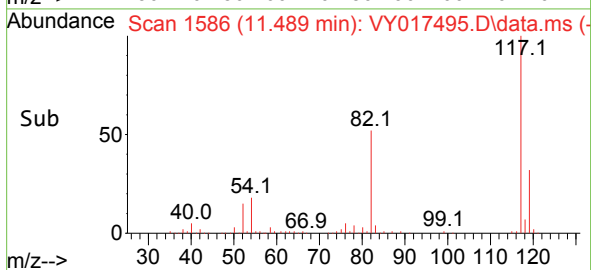
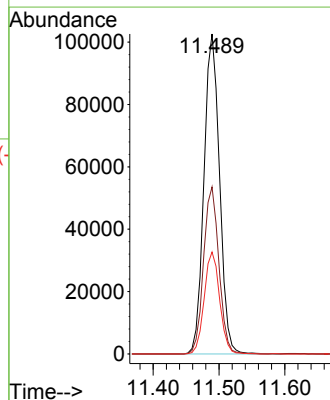
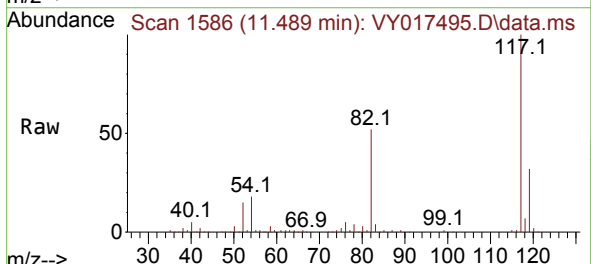
Instrument :
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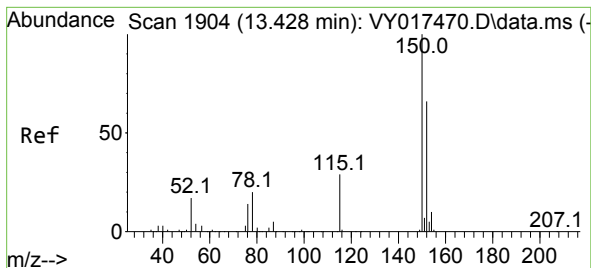
Tgt Ion:	95	Resp:	57970
Ion	Ratio	Lower	Upper
95	100		
174	93.2	0.0	175.6
176	89.9	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY017495.D
Acq: 27 Feb 2024 14:42

Tgt Ion:	117	Resp:	169263
Ion	Ratio	Lower	Upper
117	100		
82	52.2	42.4	63.6
119	31.9	25.9	38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY017495.D

Acq: 27 Feb 2024 14:42

Instrument :

MSVOA_Y

ClientSampleId :

WC-3

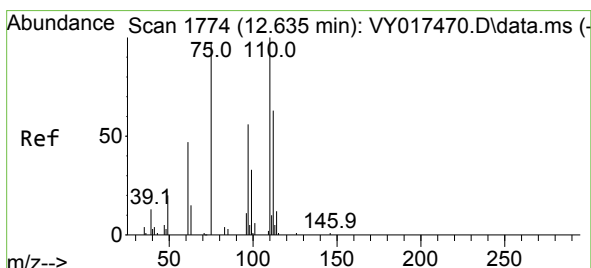
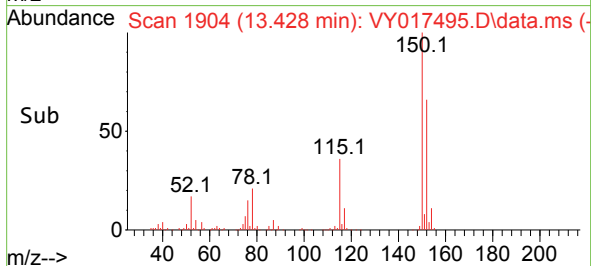
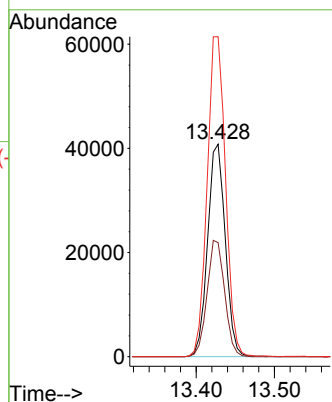
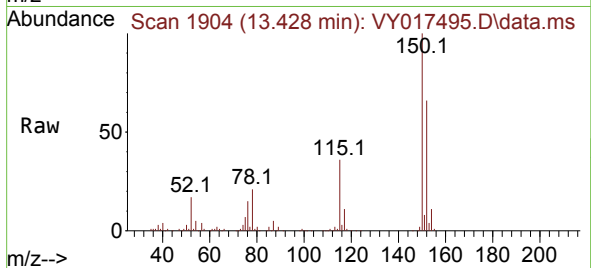
Tgt Ion:152 Resp: 63817

Ion Ratio Lower Upper

152 100

115 54.5 28.2 84.7

150 156.4 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 46.760 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY017495.D

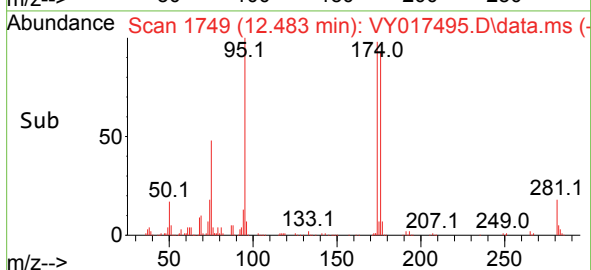
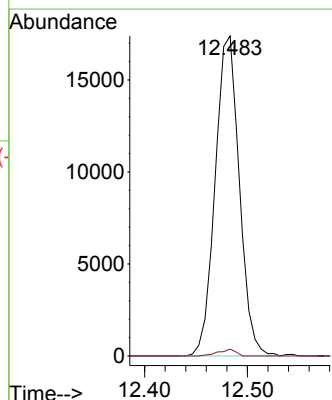
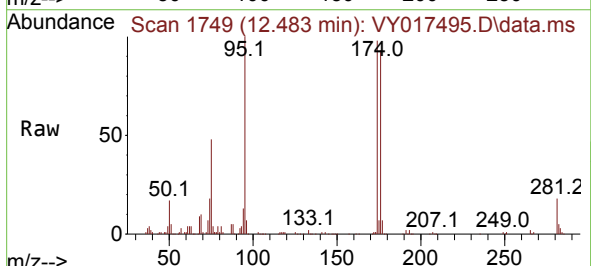
Acq: 27 Feb 2024 14:42

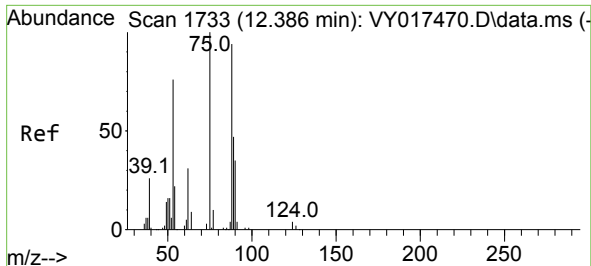
Tgt Ion: 75 Resp: 28353

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#

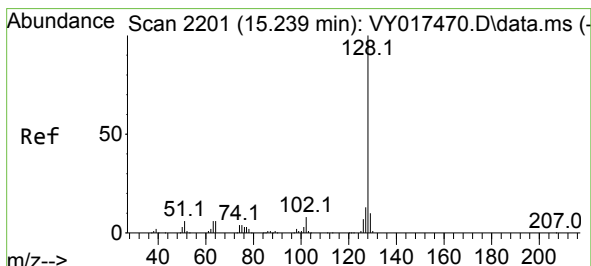
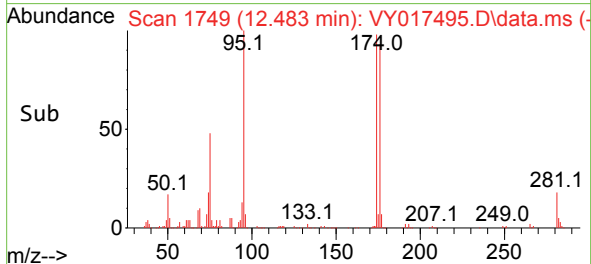
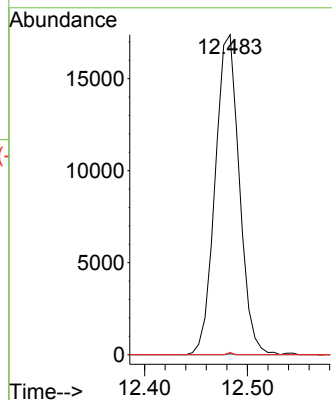
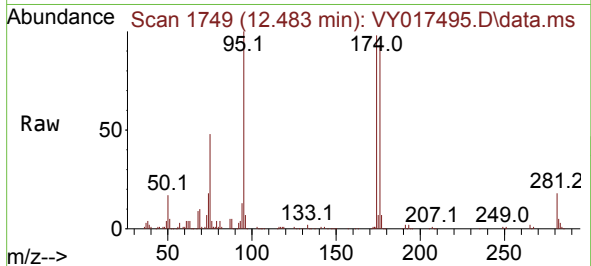




#81
trans-1,4-Dichloro-2-butene
Concen: 107.443 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY017495.D
Acq: 27 Feb 2024 14:42

Instrument :
MSVOA_Y
ClientSampleId :
WC-3

Tgt Ion: 75 Resp: 28353
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.2 35.8 53.6#



#95
Naphthalene
Concen: 4.063 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY017495.D
Acq: 27 Feb 2024 14:42

Tgt Ion:128 Resp: 322
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#

