

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030624\
 Data File : VY017590.D
 Acq On : 06 Mar 2024 14:14
 Operator : SY/MD
 Sample : P1682-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-04-03052024RE

Quant Time: Mar 07 02:08:03 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)

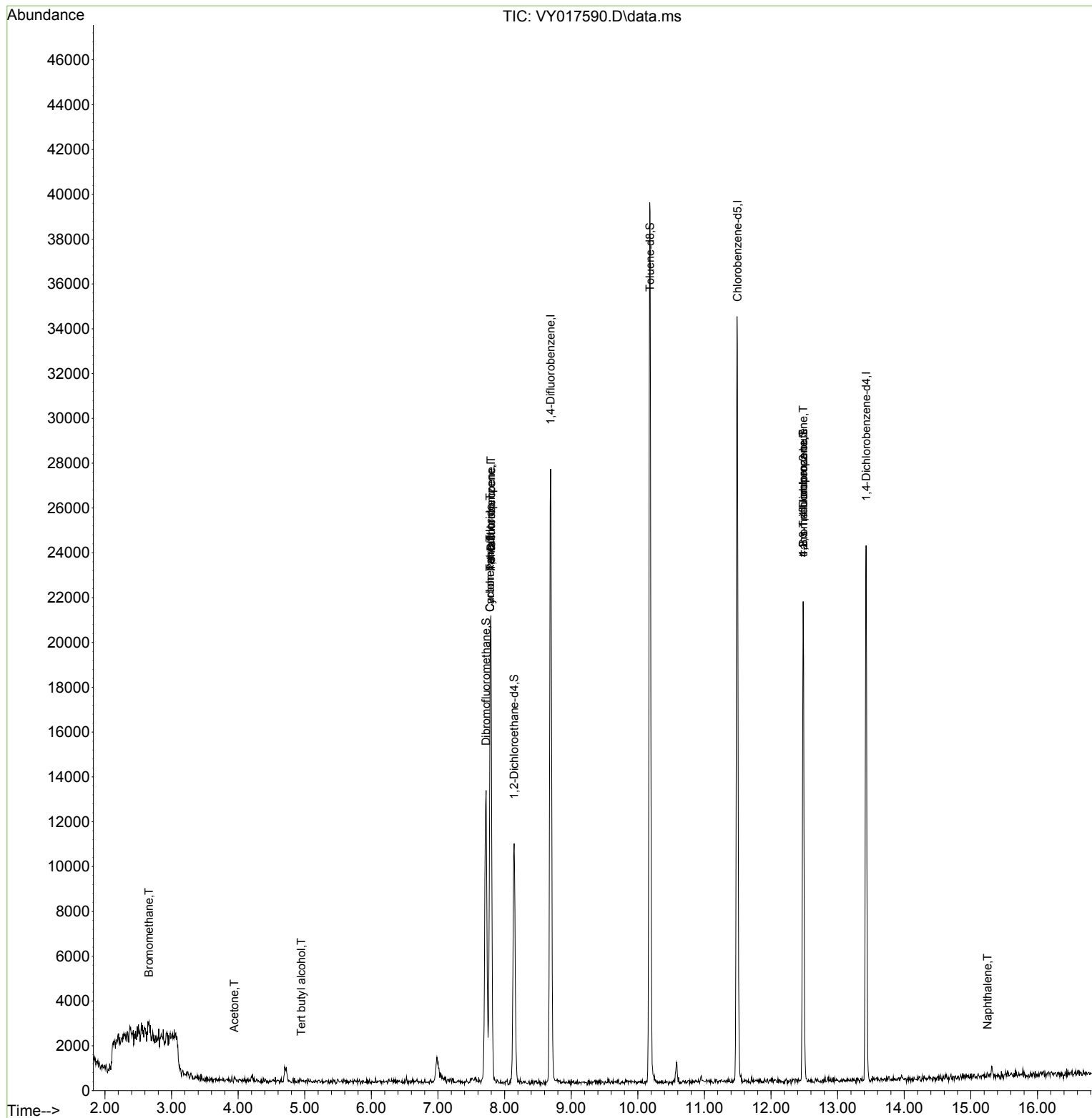
Internal Standards						
1) Pentafluorobenzene	7.795	168	17912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	26333	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	21410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	6806	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	8364	49.270	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.540%		
35) Dibromofluoromethane	7.722	113	9589	52.257	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	104.520%		
50) Toluene-d8	10.185	98	29423	45.861	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	91.720%		
62) 4-Bromofluorobenzene	12.483	95	6580	32.634	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	65.260%		
Target Compounds						Qvalue
5) Bromomethane	2.662	94	355	1.407	ug/l	98
11) Tert butyl alcohol	4.948	59	25	1.734	ug/l #	88
16) Acetone	3.942	43	200	6.074	ug/l #	36
20) Methylene Chloride	4.704	84	328	Below Cal	#	84
31) Cyclohexane	7.783	56	315	1.140	ug/l #	27
36) 1,1-Dichloropropene	7.795	75	1378	5.566	ug/l #	44
38) Carbon Tetrachloride	7.783	117	1633	6.581	ug/l #	13
76) 1,2,3-Trichloropropane	12.483	75	3260	50.412	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	3260	115.835	ug/l #	16
95) Naphthalene	15.251	128	59	4.170	ug/l #	69

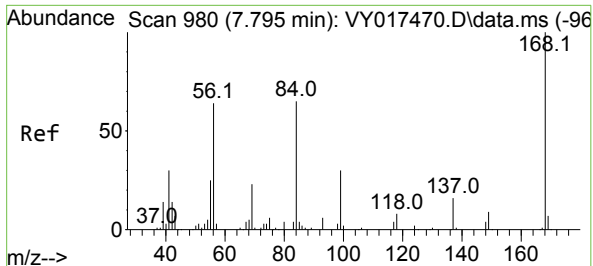
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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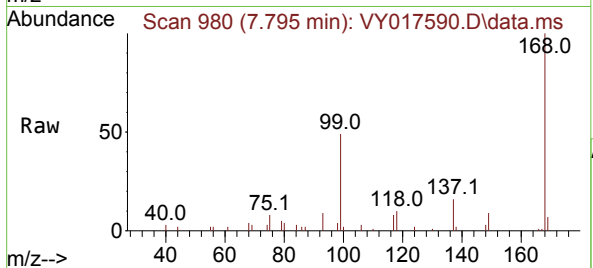
Quant Time: Mar 07 02:08:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260
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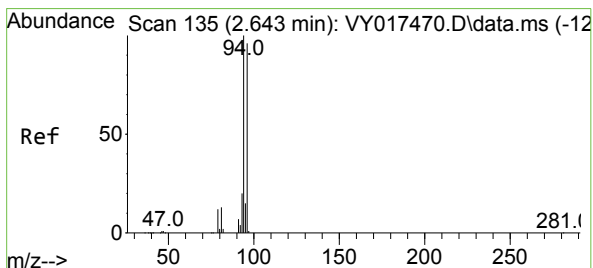
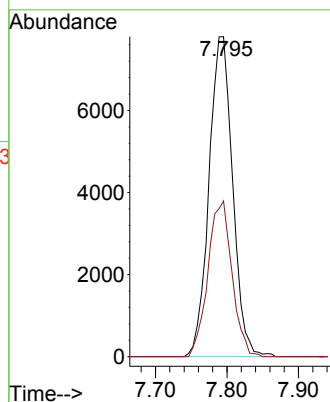
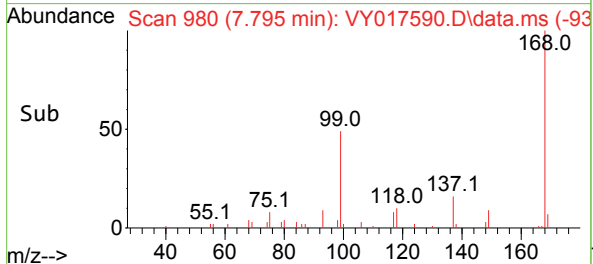


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017590.D
Acq: 06 Mar 2024 14:14

Instrument :
MSVOA_Y
ClientSampleId :
HR-04-03052024RE

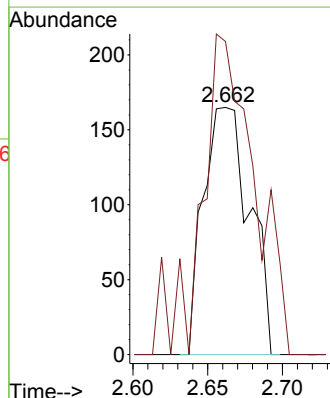
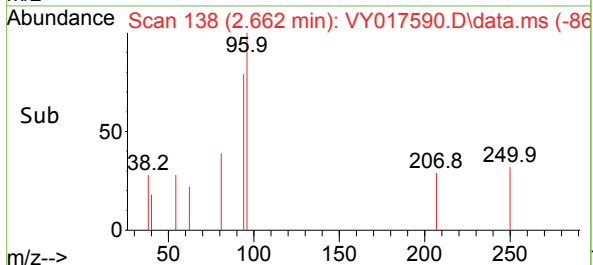
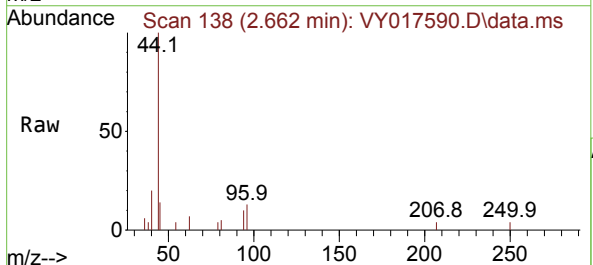


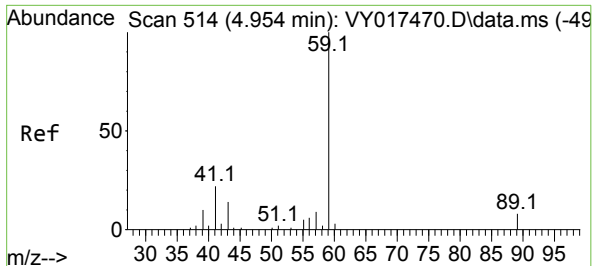
Tgt Ion:168 Resp: 17912
Ion Ratio Lower Upper
168 100
99 48.7 39.1 58.7



#5
Bromomethane
Concen: 1.407 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.018 min
Lab File: VY017590.D
Acq: 06 Mar 2024 14:14

Tgt Ion: 94 Resp: 355
Ion Ratio Lower Upper
94 100
96 90.3 74.1 111.1





#11

Tert butyl alcohol

Concen: 1.734 ug/l

RT: 4.948 min Scan# 514

Delta R.T. -0.006 min

Lab File: VY017590.D

Acq: 06 Mar 2024 14:14

Instrument :

MSVOA_Y

ClientSampleId :

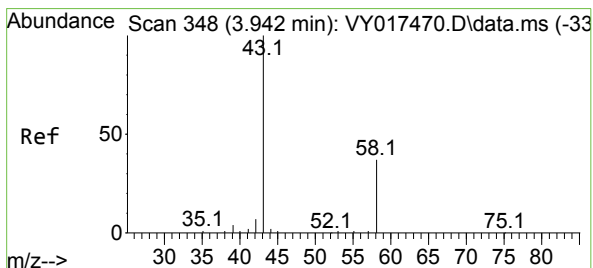
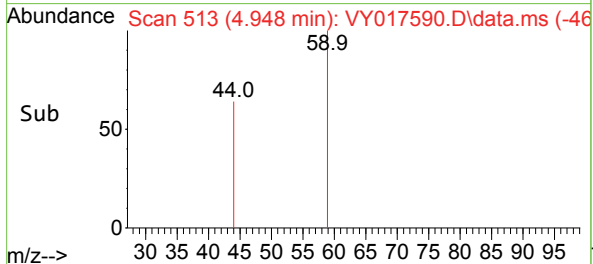
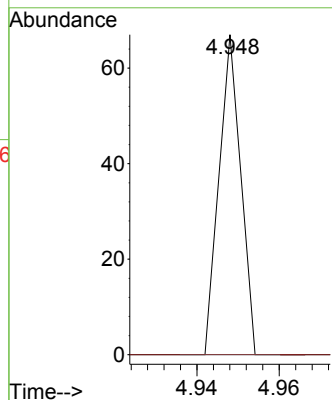
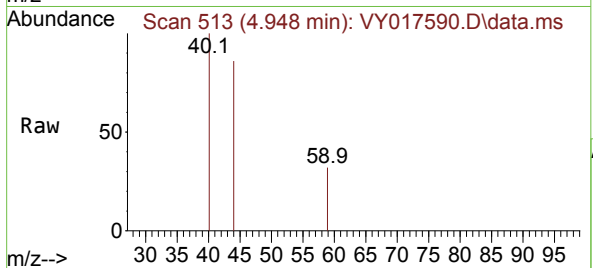
HR-04-03052024RE

Tgt Ion: 59 Resp: 25

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#16

Acetone

Concen: 6.074 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

Lab File: VY017590.D

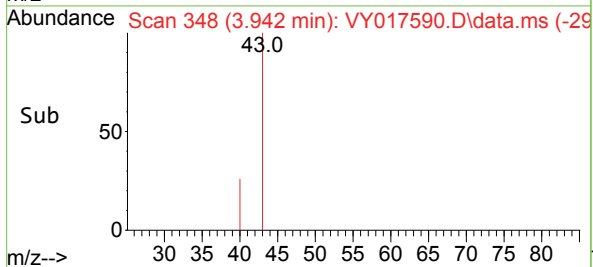
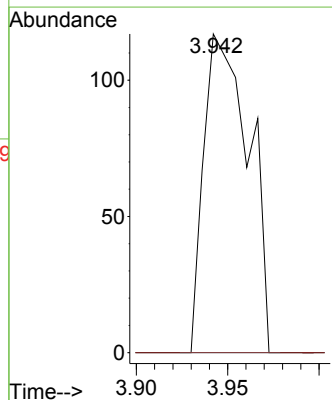
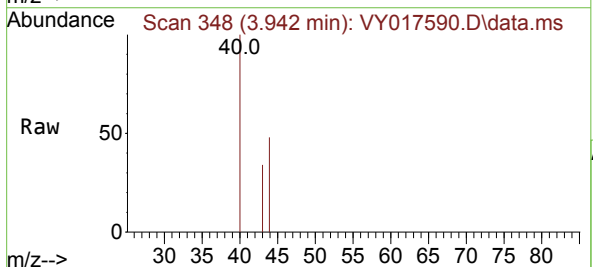
Acq: 06 Mar 2024 14:14

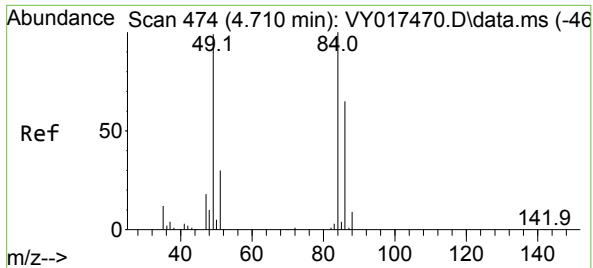
Tgt Ion: 43 Resp: 200

Ion Ratio Lower Upper

43 100

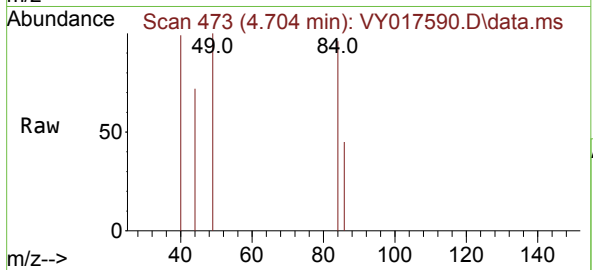
58 0.0 31.7 47.5#



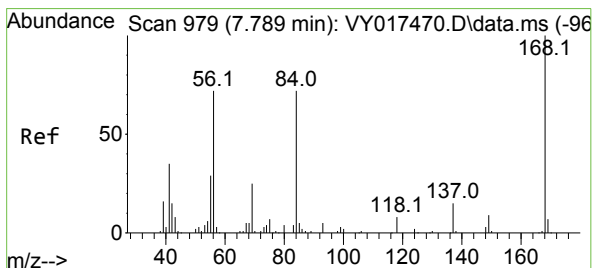
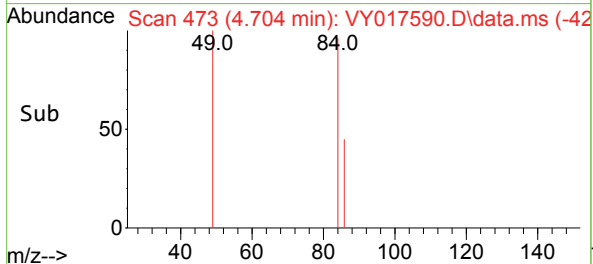
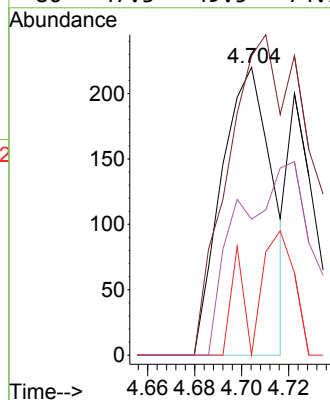


#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY017590.D
Acq: 06 Mar 2024 14:14

Instrument :
MSVOA_Y
ClientSampleId :
HR-04-03052024RE

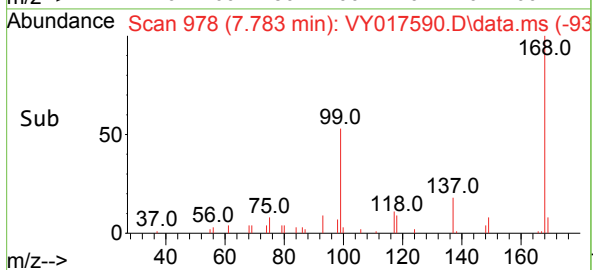
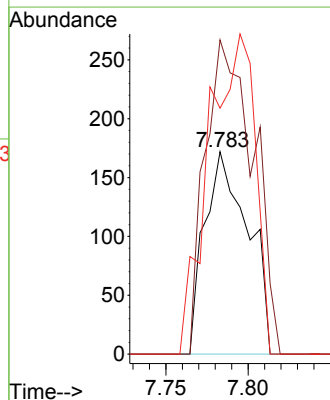
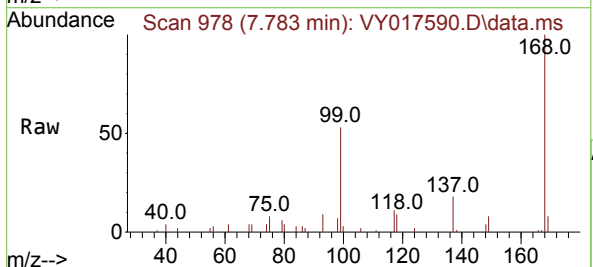


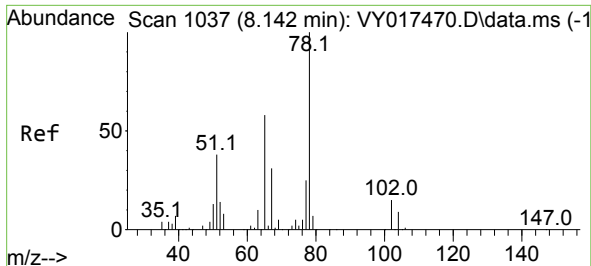
Tgt Ion: 84 Resp: 328
Ion Ratio Lower Upper
84 100
49 104.1 84.4 126.6
51 0.0 26.0 39.0#
86 47.3 49.5 74.3#



#31
Cyclohexane
Concen: 1.140 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY017590.D
Acq: 06 Mar 2024 14:14

Tgt Ion: 56 Resp: 315
Ion Ratio Lower Upper
56 100
69 155.2 28.7 43.1#
84 121.5 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 49.270 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY017590.D

Acq: 06 Mar 2024 14:14

Instrument :

MSVOA_Y

ClientSampleId :

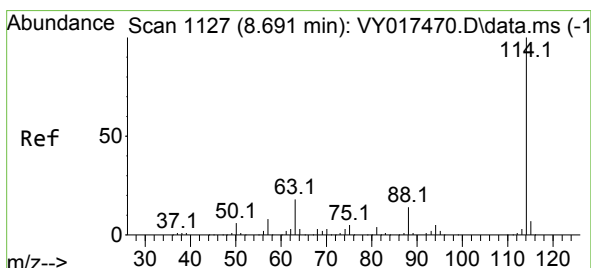
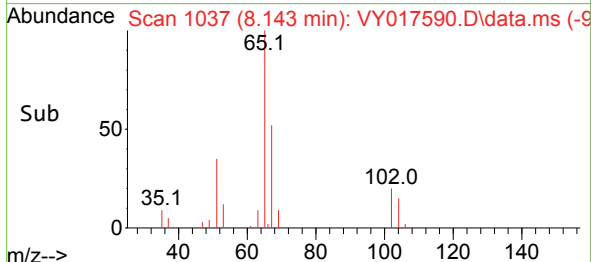
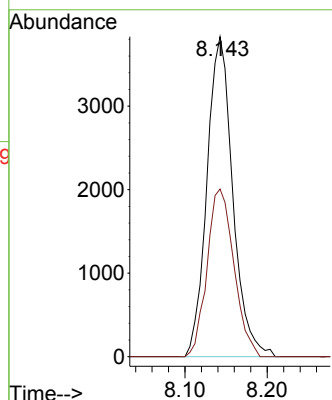
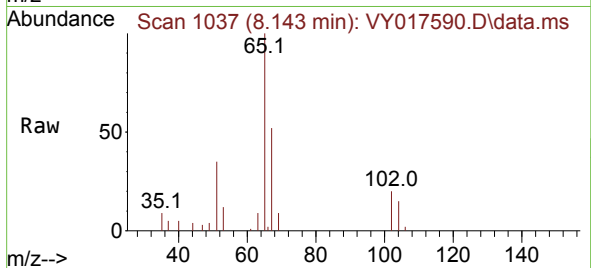
HR-04-03052024RE

Tgt Ion: 65 Resp: 8364

Ion Ratio Lower Upper

65 100

67 54.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017590.D

Acq: 06 Mar 2024 14:14

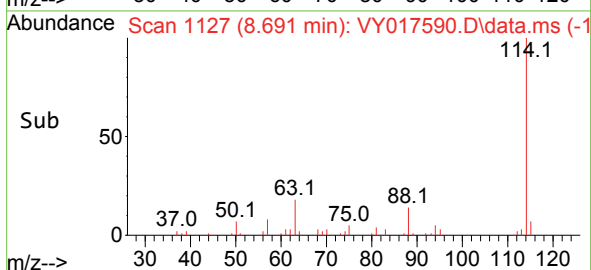
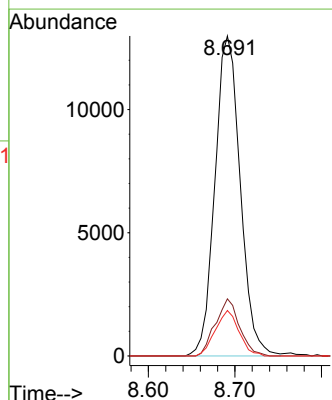
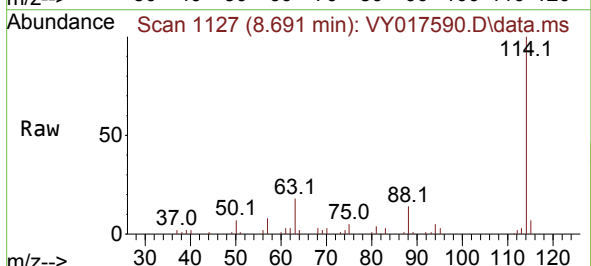
Tgt Ion: 114 Resp: 26333

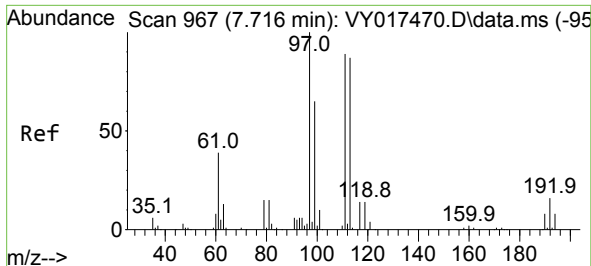
Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.0

88 14.2 0.0 27.2

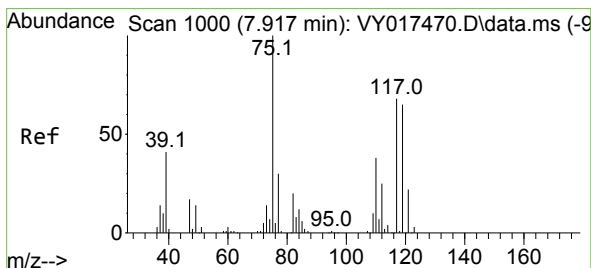
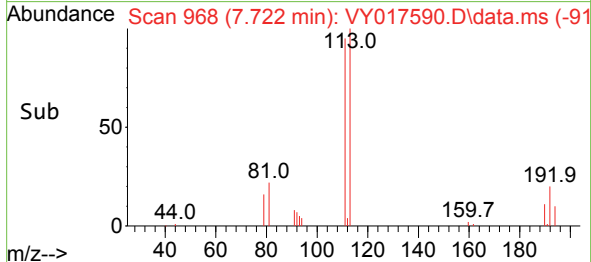
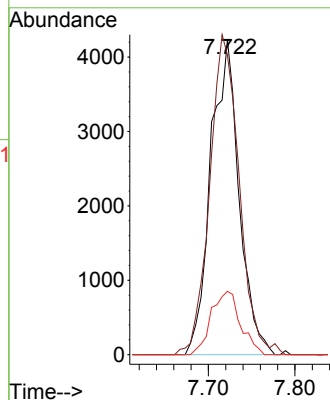
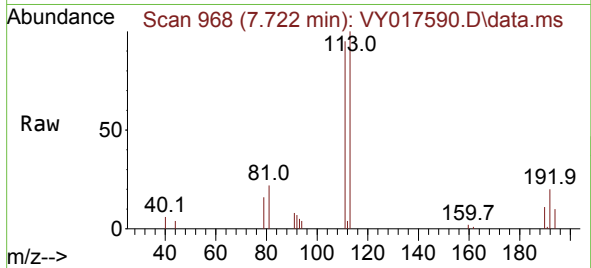




#35
Dibromofluoromethane
Concen: 52.257 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017590.D
Acq: 06 Mar 2024 14:14

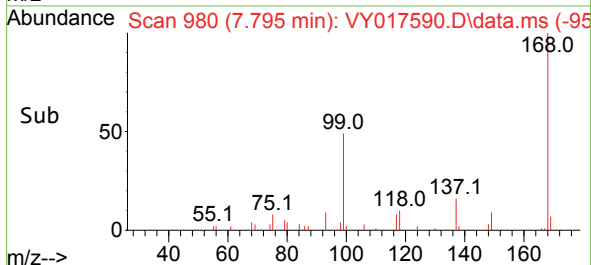
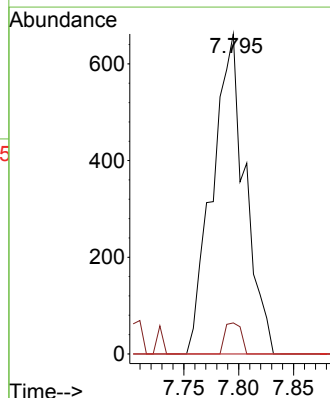
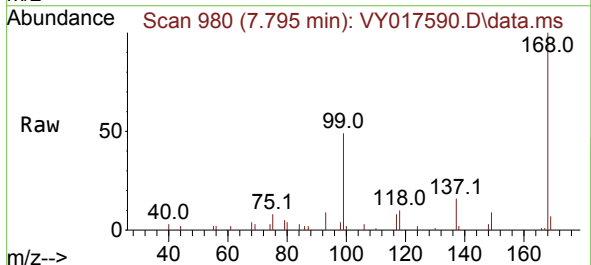
Instrument :
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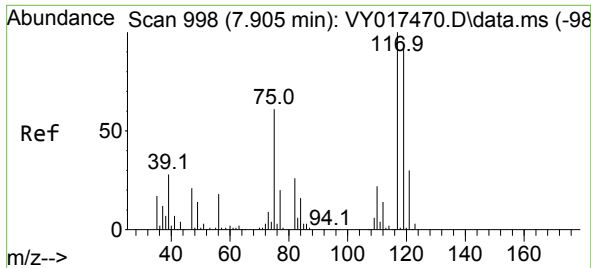
Tgt Ion:113 Resp: 9589
Ion Ratio Lower Upper
113 100
111 105.9 82.2 123.4
192 20.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.566 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY017590.D
Acq: 06 Mar 2024 14:14

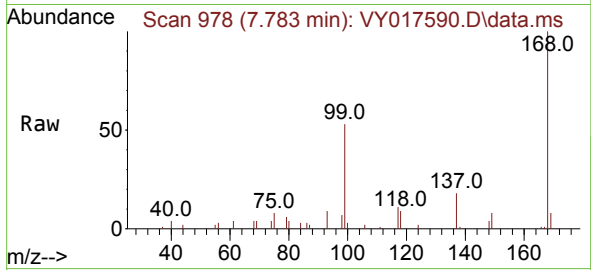
Tgt Ion: 75 Resp: 1378
Ion Ratio Lower Upper
75 100
110 4.8 19.0 57.0#
77 0.0 25.3 37.9#



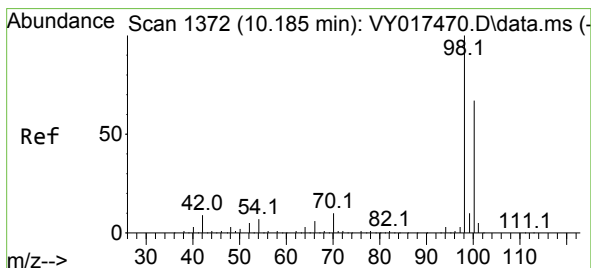
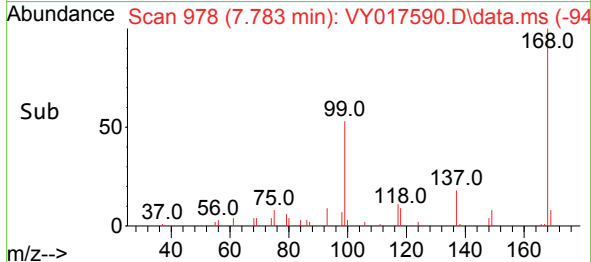
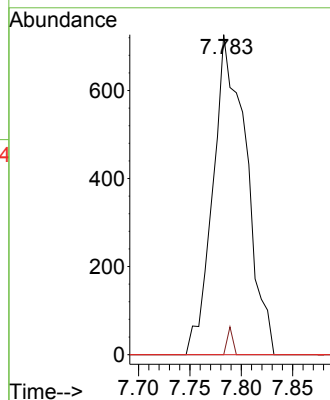


#38
Carbon Tetrachloride
Concen: 6.581 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY017590.D
Acq: 06 Mar 2024 14:14

Instrument :
MSVOA_Y
ClientSampleId :
HR-04-03052024RE

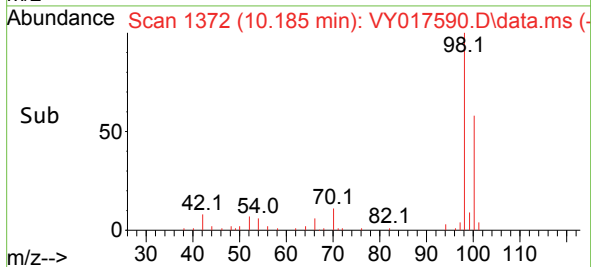
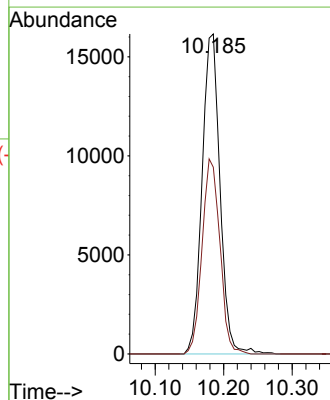
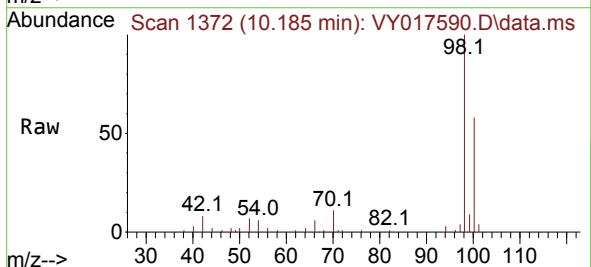


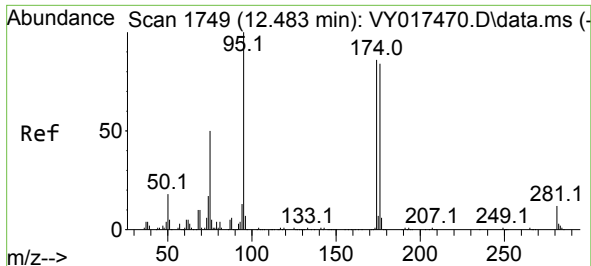
Tgt Ion:117 Resp: 1633
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 45.861 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017590.D
Acq: 06 Mar 2024 14:14

Tgt Ion: 98 Resp: 29423
Ion Ratio Lower Upper
98 100
100 60.6 52.0 78.0

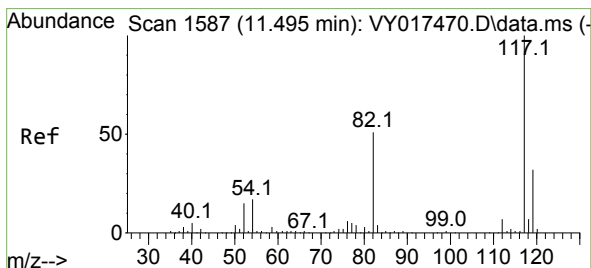
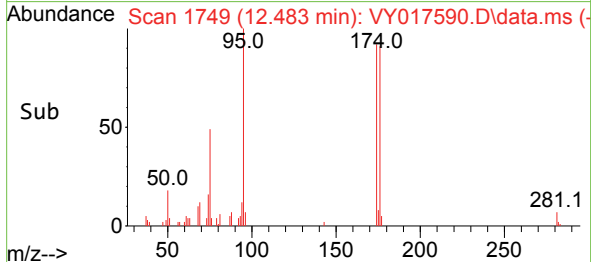
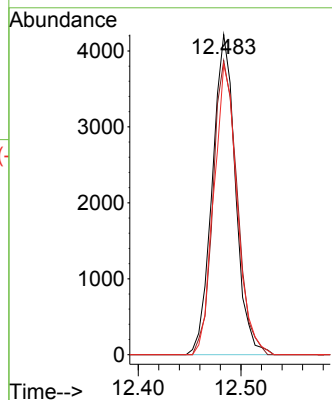
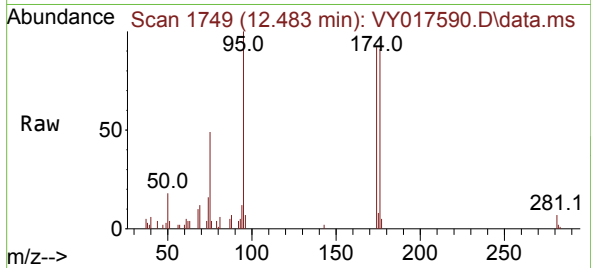




#62
4-Bromofluorobenzene
Concen: 32.634 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017590.D
Acq: 06 Mar 2024 14:14

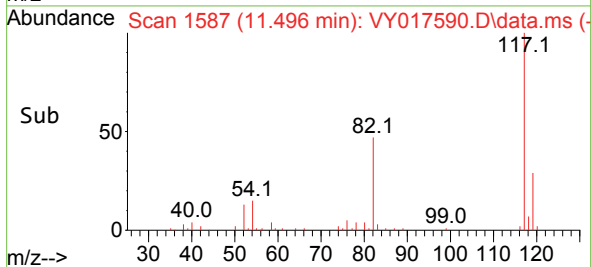
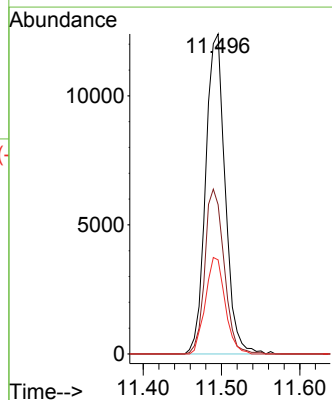
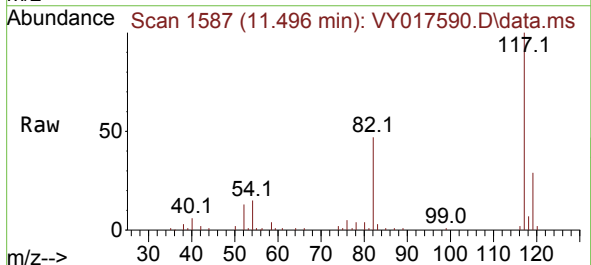
Instrument :
MSVOA_Y
ClientSampleId :
HR-04-03052024RE

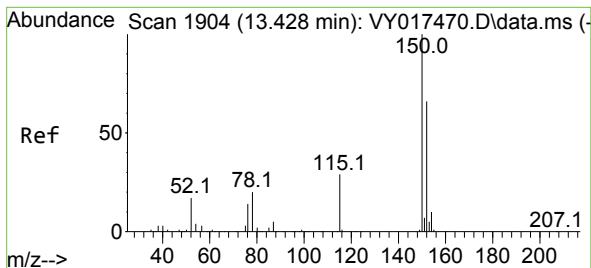
Tgt Ion:	95	Resp:	6580
Ion	Ratio	Lower	Upper
95	100		
174	95.1	0.0	175.6
176	91.5	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY017590.D
Acq: 06 Mar 2024 14:14

Tgt Ion:	117	Resp:	21410
Ion	Ratio	Lower	Upper
117	100		
82	46.7	42.4	63.6
119	29.4	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: VY017590.D

Acq: 06 Mar 2024 14:14

Instrument :

MSVOA_Y

ClientSampleId :

HR-04-03052024RE

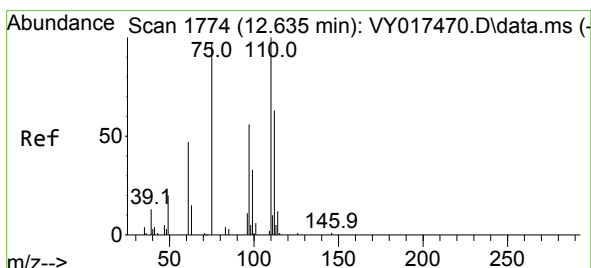
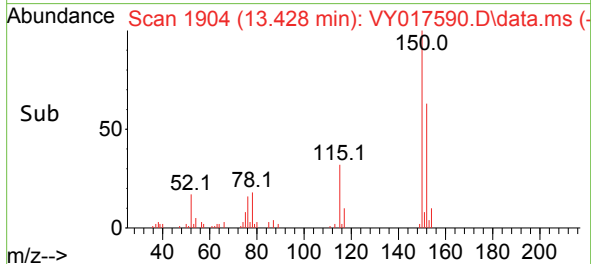
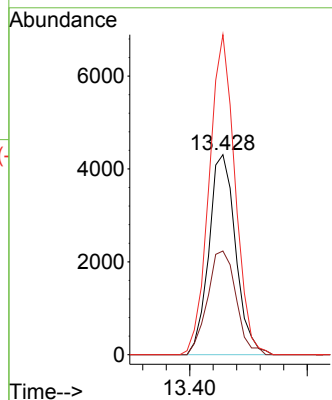
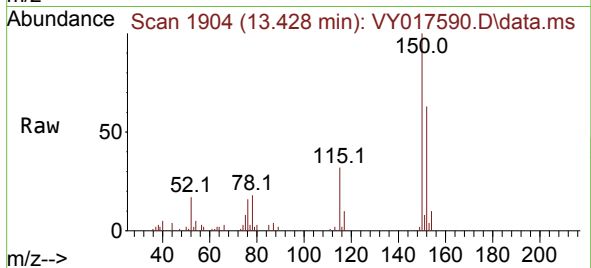
Tgt Ion:152 Resp: 6806

Ion Ratio Lower Upper

152 100

115 55.4 28.2 84.7

150 154.9 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 50.412 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY017590.D

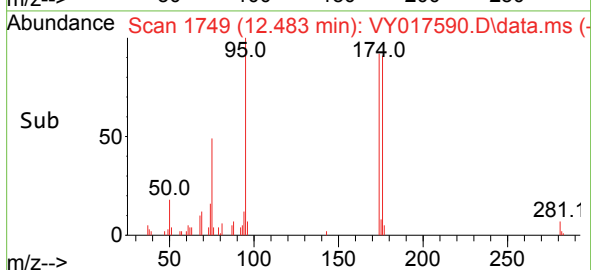
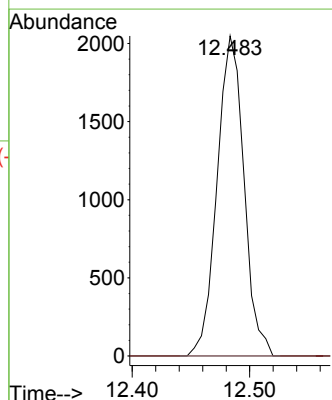
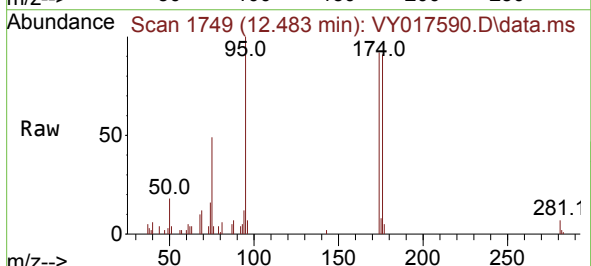
Acq: 06 Mar 2024 14:14

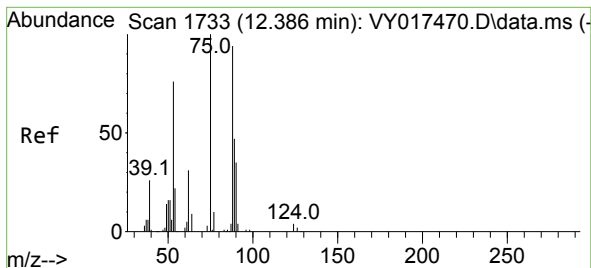
Tgt Ion: 75 Resp: 3260

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

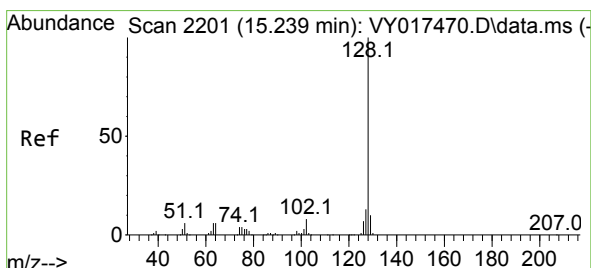
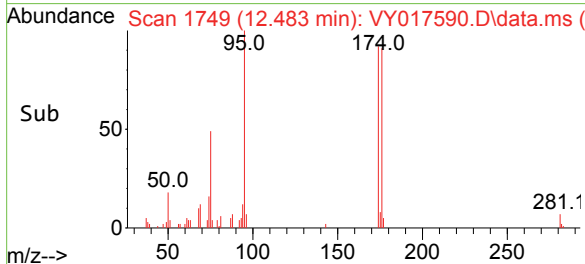
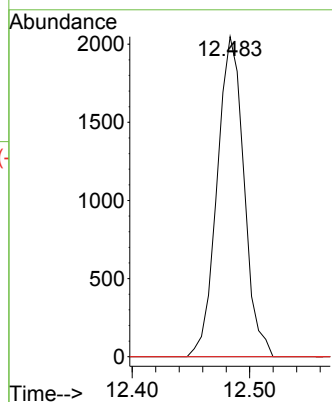
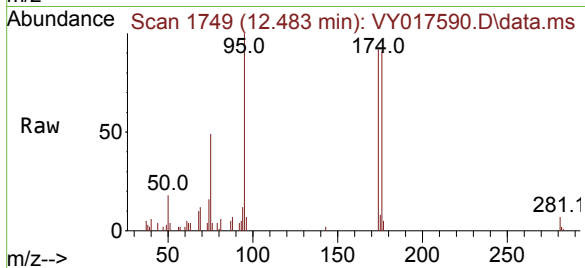




#81
trans-1,4-Dichloro-2-butene
Concen: 115.835 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY017590.D
Acq: 06 Mar 2024 14:14

Instrument :
MSVOA_Y
ClientSampleId :
HR-04-03052024RE

Tgt Ion: 75 Resp: 3260
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 4.170 ug/l
RT: 15.251 min Scan# 2203
Delta R.T. 0.012 min
Lab File: VY017590.D
Acq: 06 Mar 2024 14:14

Tgt Ion:128 Resp: 59
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#

