

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020924\
 Data File : VY017339.D
 Acq On : 09 Feb 2024 15:08
 Operator : SY/MD
 Sample : P1414-04
 Misc : 5.43g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7(12-13)

Quant Time: Feb 09 22:03:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

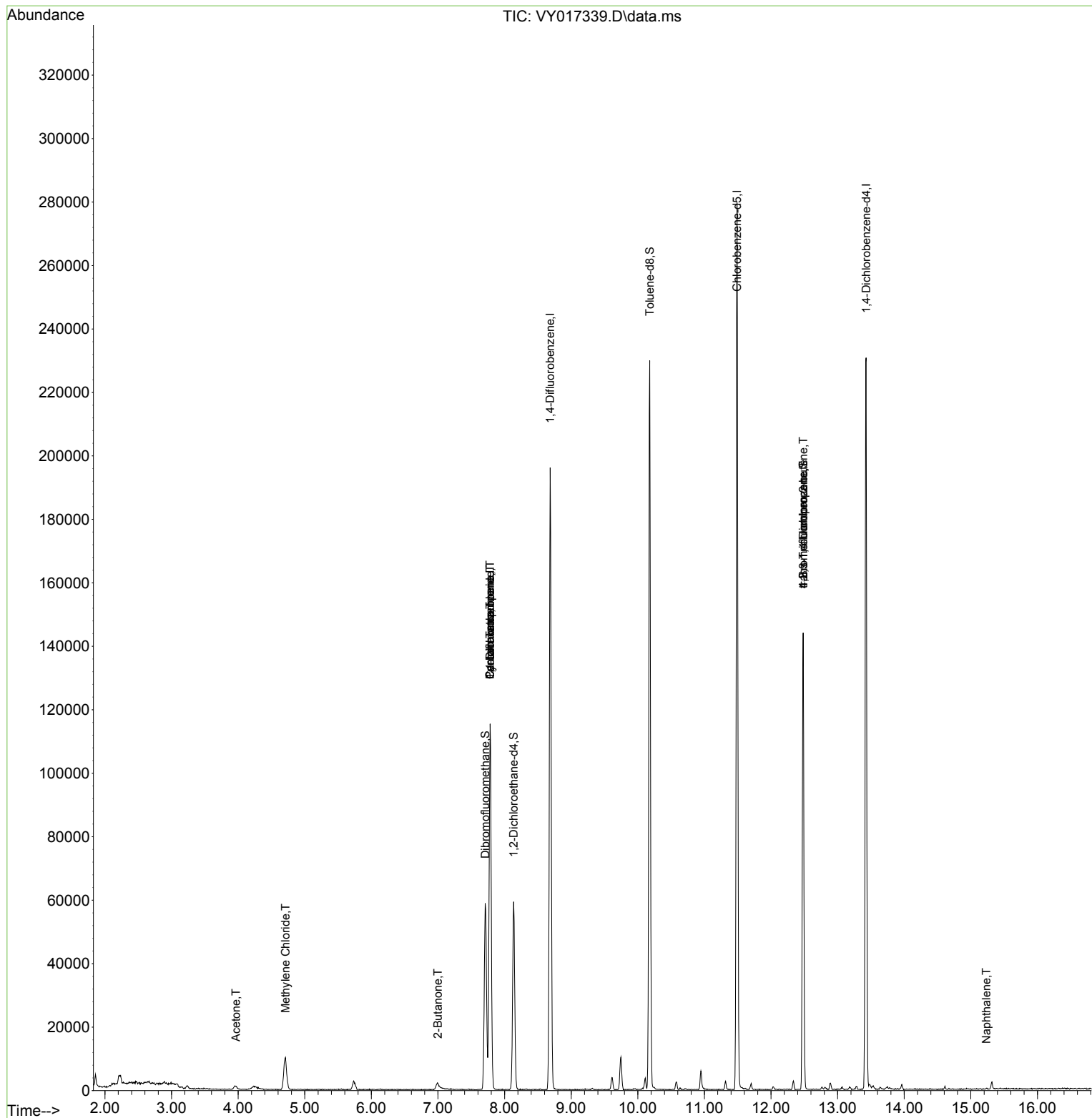
Internal Standards						
1) Pentafluorobenzene	7.783	168	86464	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	165857	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.489	117	151993	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	59631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	43033	55.712	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.420%			
35) Dibromofluoromethane	7.710	113	42939	47.949	ug/l	-0.02
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.900%			
50) Toluene-d8	10.179	98	150729	46.228	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 92.460%			
62) 4-Bromofluorobenzene	12.483	95	43493	40.720	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 81.440%			
Target Compounds						
11) Tert butyl alcohol	4.899	59	41	Below Cal	#	75
16) Acetone	3.966	43	2542	11.197	ug/l	95
20) Methylene Chloride	4.710	84	7486	4.890	ug/l	92
25) 2-Butanone	6.996	43	573	1.899	ug/l #	48
31) Cyclohexane	7.783	56	1953	1.254	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	7352	4.759	ug/l #	48
38) Carbon Tetrachloride	7.783	117	8951	6.052	ug/l #	19
76) 1,2,3-Trichloropropane	12.483	75	22863	41.540	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	22863	86.315	ug/l #	12
95) Naphthalene	15.233	128	204	3.543	ug/l #	69

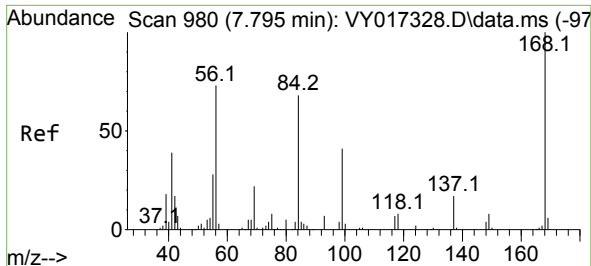
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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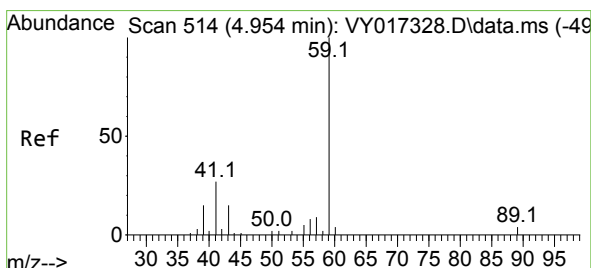
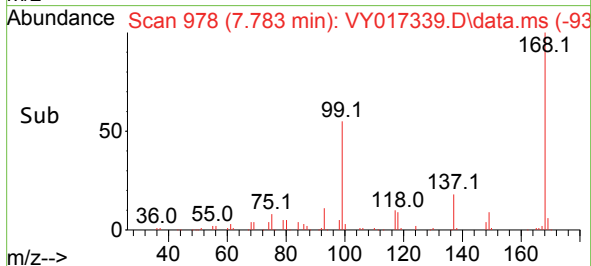
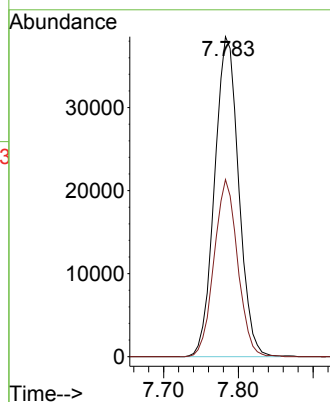
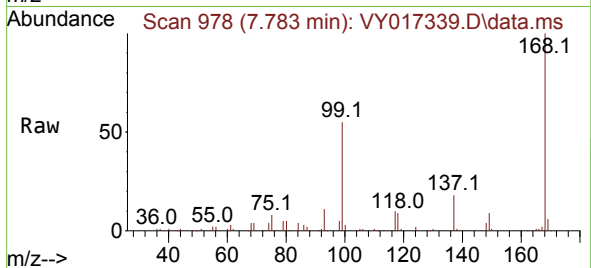




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017339.D
Acq: 09 Feb 2024 15:08

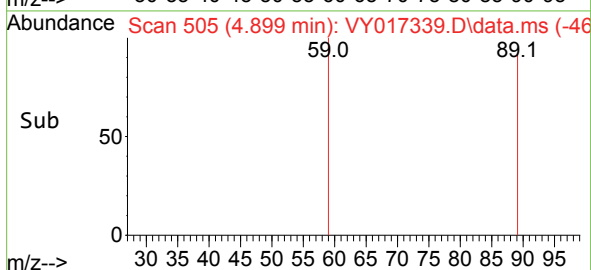
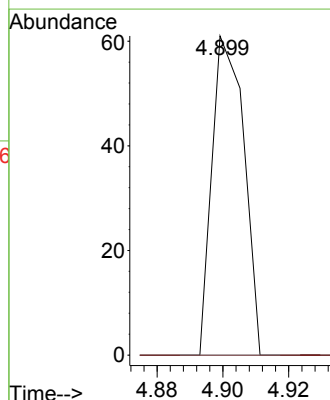
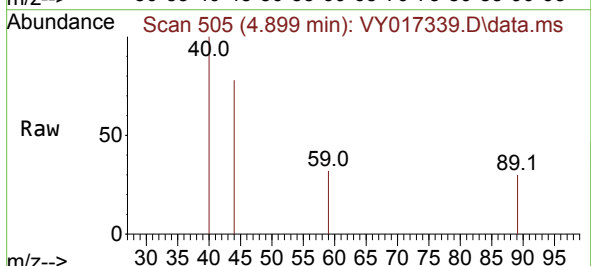
Instrument :
MSVOA_Y
ClientSampleId :
SB-7(12-13)

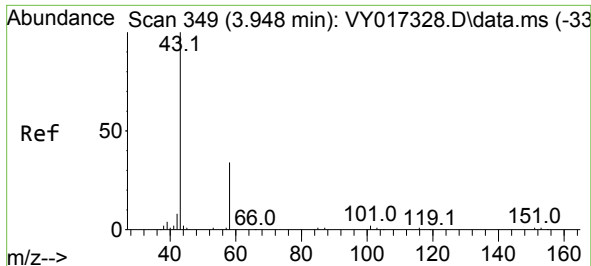
Tgt Ion:168 Resp: 86464
Ion Ratio Lower Upper
168 100
99 55.3 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.899 min Scan# 505
Delta R.T. -0.061 min
Lab File: VY017339.D
Acq: 09 Feb 2024 15:08

Tgt Ion: 59 Resp: 41
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: 11.197 ug/l

RT: 3.966 min Scan# 3

Delta R.T. 0.019 min

Lab File: VY017339.D

Acq: 09 Feb 2024 15:08

Instrument :

MSVOA_Y

ClientSampleId :

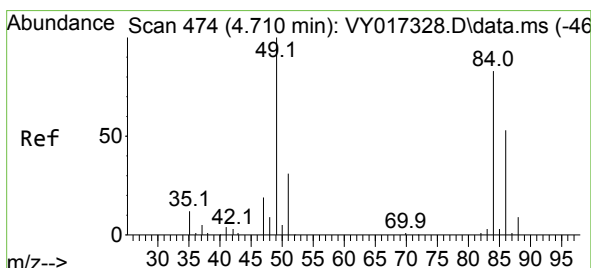
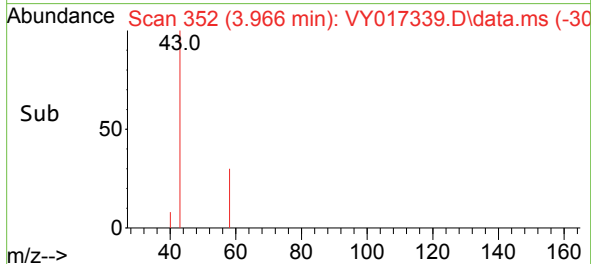
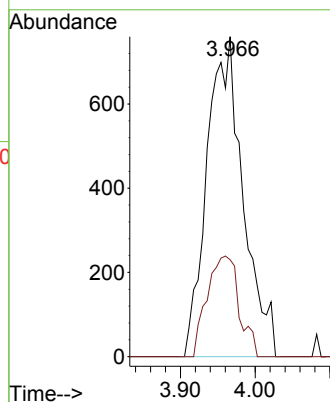
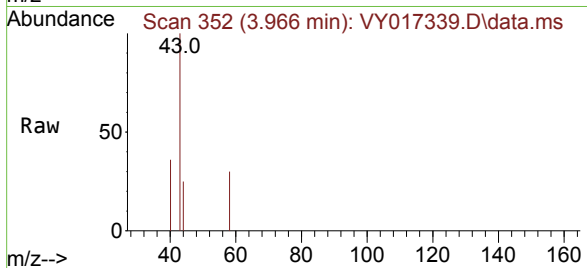
SB-7(12-13)

Tgt Ion: 43 Resp: 2542

Ion Ratio Lower Upper

43 100

58 30.3 26.6 39.8



#20

Methylene Chloride

Concen: 4.890 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.018 min

Lab File: VY017339.D

Acq: 09 Feb 2024 15:08

Tgt Ion: 84 Resp: 7486

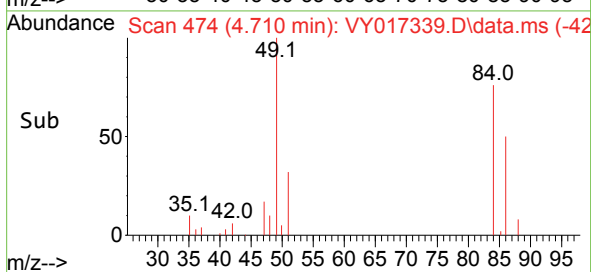
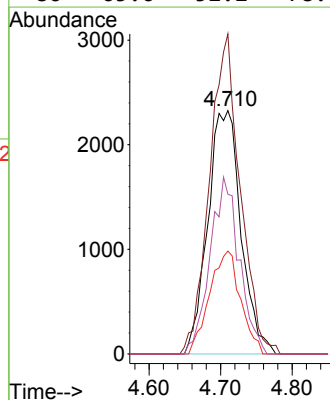
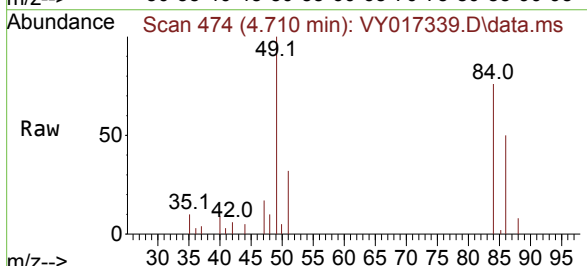
Ion Ratio Lower Upper

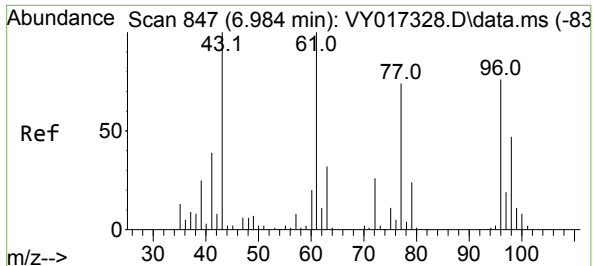
84 100

49 131.5 95.2 142.8

51 42.3 29.9 44.9

86 65.6 52.2 78.4





#25

2-Butanone

Concen: 1.899 ug/l

RT: 6.996 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY017339.D

Acq: 09 Feb 2024 15:08

Instrument :

MSVOA_Y

ClientSampleId :

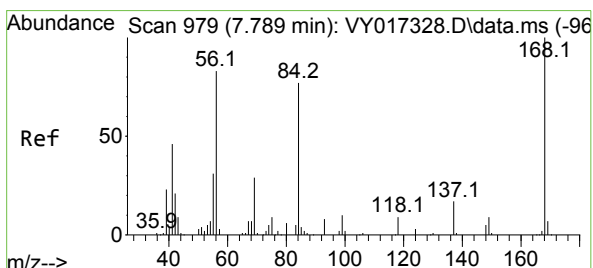
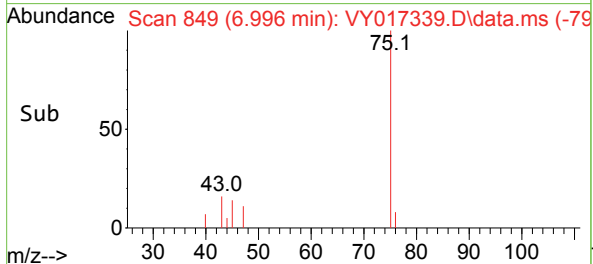
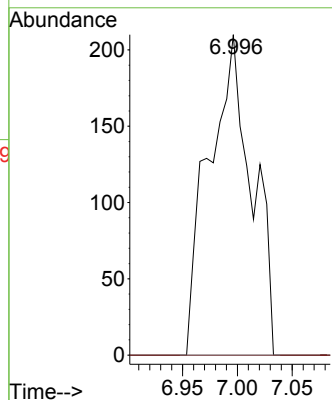
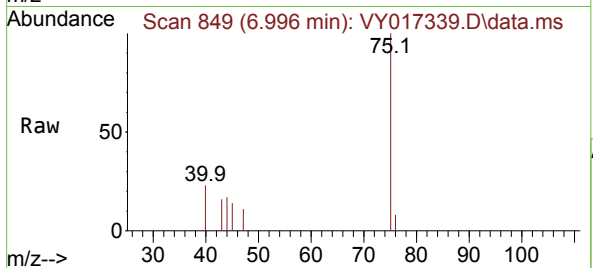
SB-7(12-13)

Tgt Ion: 43 Resp: 573

Ion Ratio Lower Upper

43 100

72 0.0 21.4 32.2#



#31

Cyclohexane

Concen: 1.254 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.012 min

Lab File: VY017339.D

Acq: 09 Feb 2024 15:08

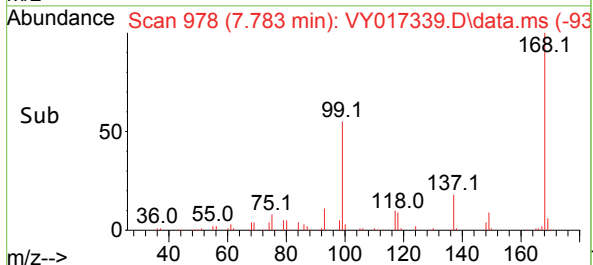
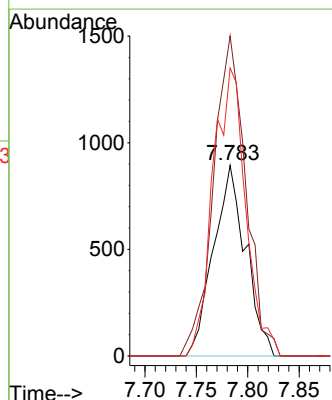
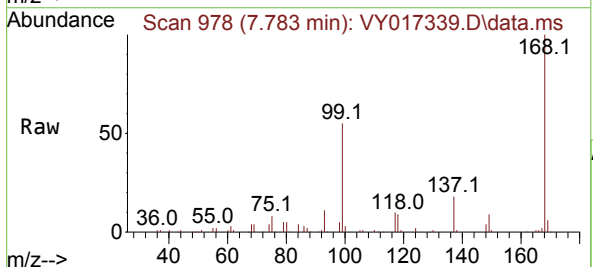
Tgt Ion: 56 Resp: 1953

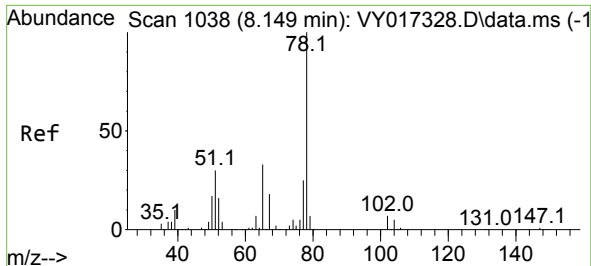
Ion Ratio Lower Upper

56 100

69 167.9 27.0 40.6#

84 151.1 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 55.712 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY017339.D

Acq: 09 Feb 2024 15:08

Instrument :

MSVOA_Y

ClientSampleId :

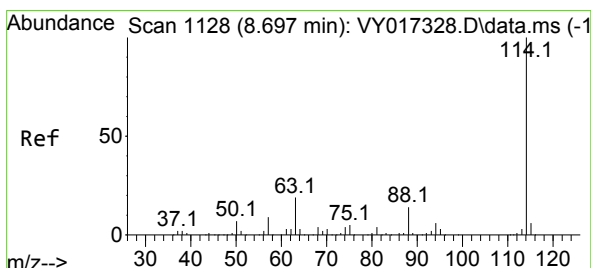
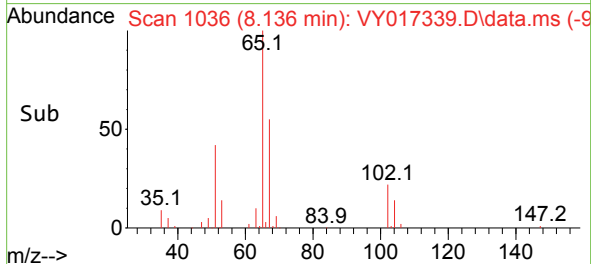
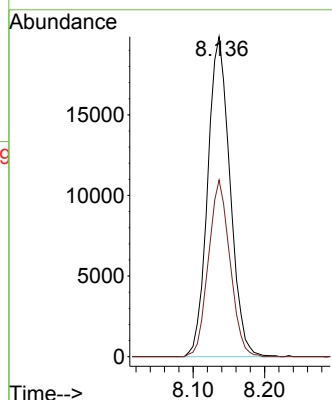
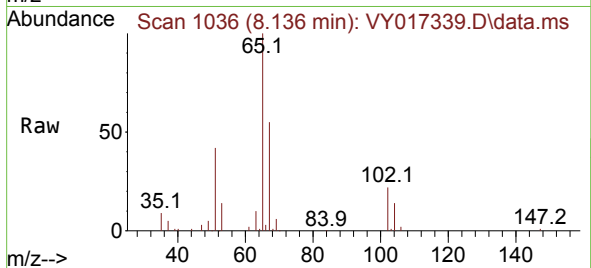
SB-7(12-13)

Tgt Ion: 65 Resp: 43033

Ion Ratio Lower Upper

65 100

67 53.2 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.012 min

Lab File: VY017339.D

Acq: 09 Feb 2024 15:08

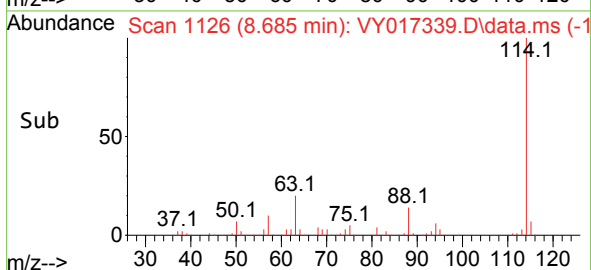
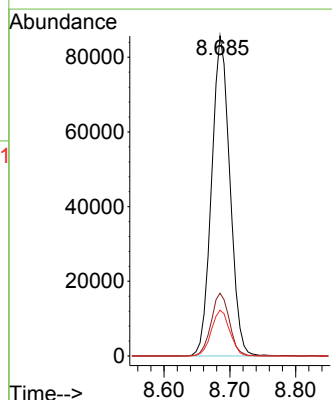
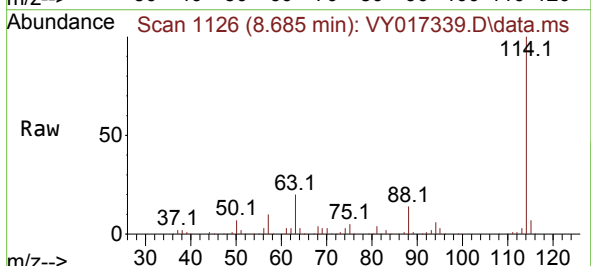
Tgt Ion: 114 Resp: 165857

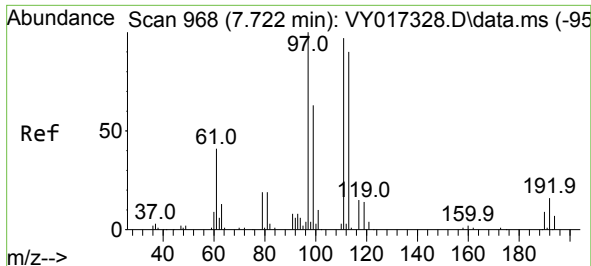
Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.4

88 14.3 0.0 29.0

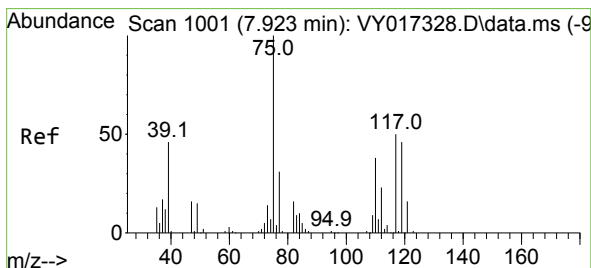
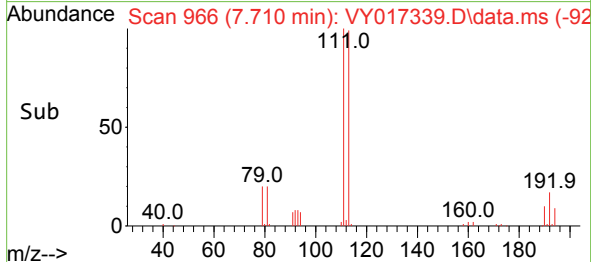
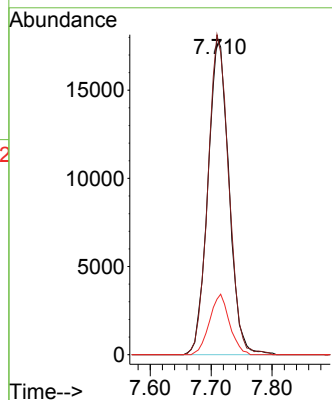
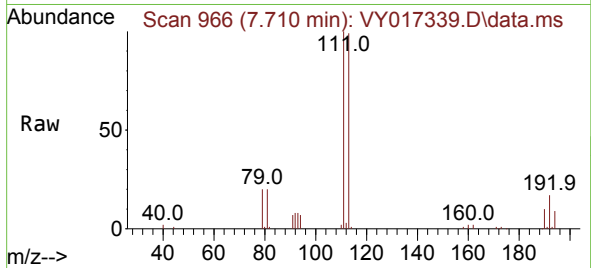




#35
Dibromofluoromethane
Concen: 47.949 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.018 min
Lab File: VY017339.D
Acq: 09 Feb 2024 15:08

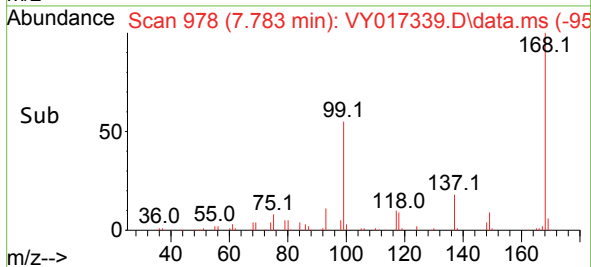
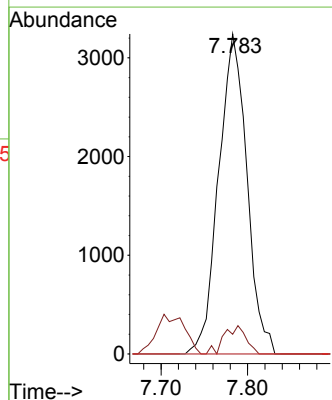
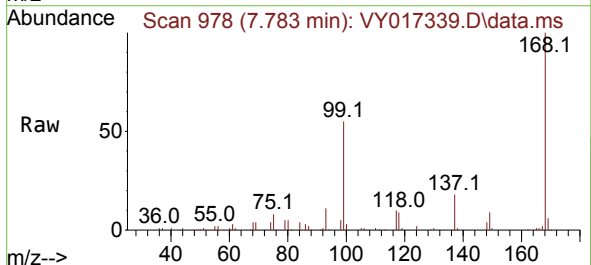
Instrument :
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SB-7(12-13)

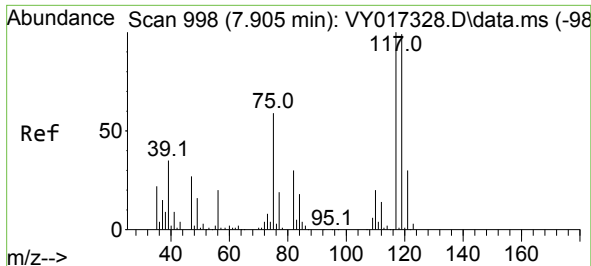
Tgt Ion:113 Resp: 42939
Ion Ratio Lower Upper
113 100
111 100.4 83.8 125.6
192 18.2 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.759 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.140 min
Lab File: VY017339.D
Acq: 09 Feb 2024 15:08

Tgt Ion: 75 Resp: 7352
Ion Ratio Lower Upper
75 100
110 6.9 17.4 52.3#
77 0.0 24.7 37.1#

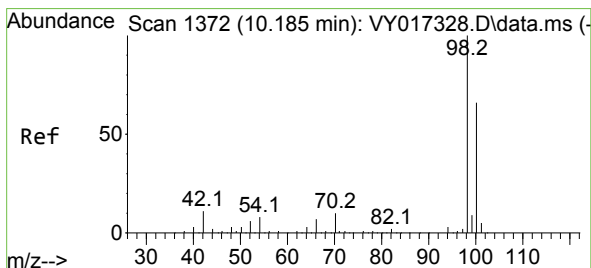
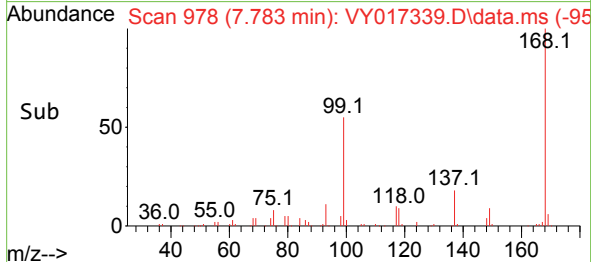
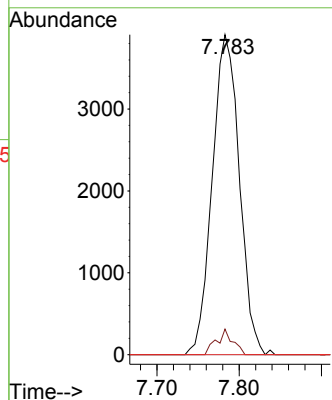
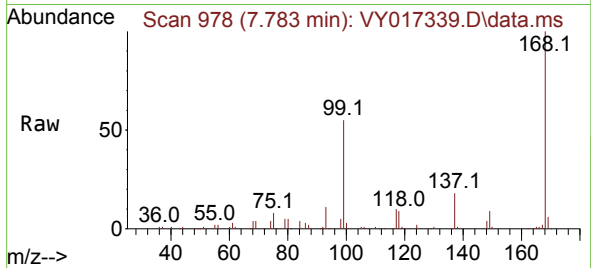




#38
Carbon Tetrachloride
Concen: 6.052 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY017339.D
Acq: 09 Feb 2024 15:08

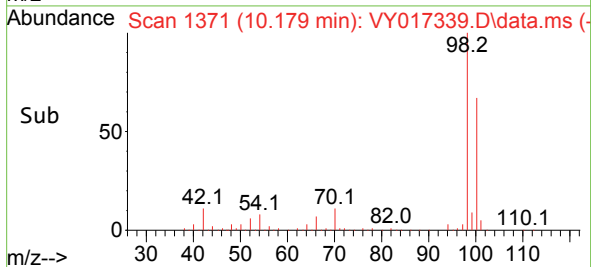
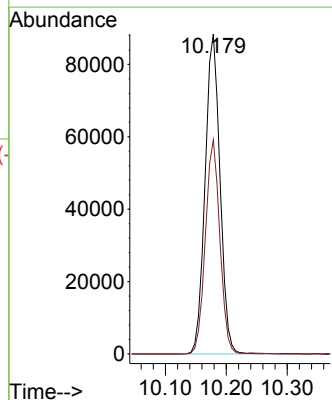
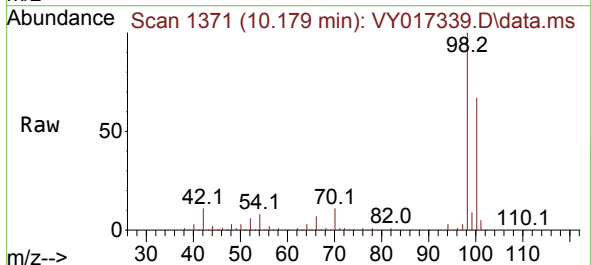
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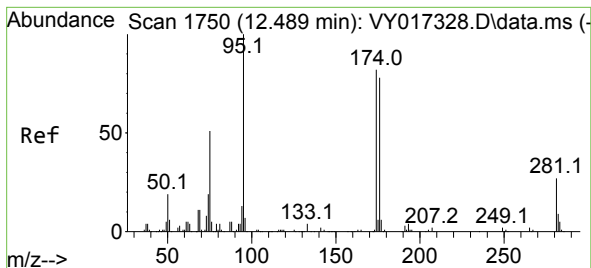
Tgt Ion:117 Resp: 8951
Ion Ratio Lower Upper
117 100
119 8.0 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 46.228 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY017339.D
Acq: 09 Feb 2024 15:08

Tgt Ion: 98 Resp: 150729
Ion Ratio Lower Upper
98 100
100 64.9 52.3 78.5

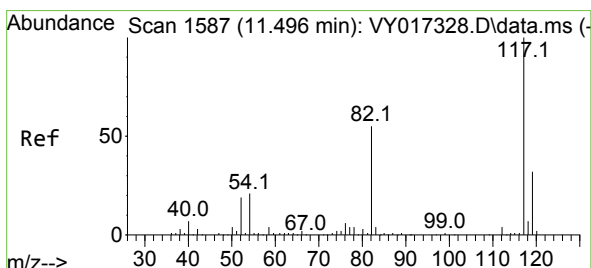
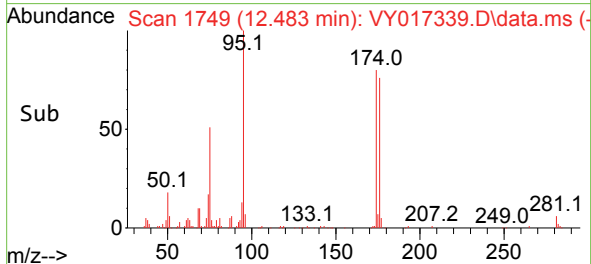
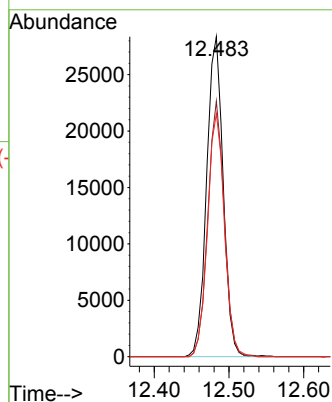
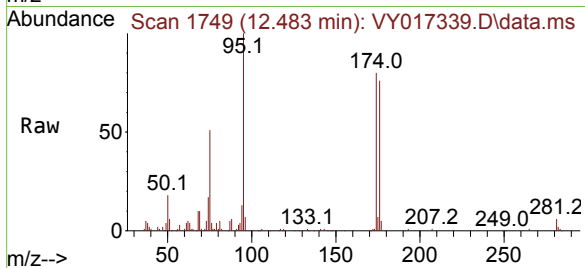




#62
4-Bromofluorobenzene
Concen: 40.720 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017339.D
Acq: 09 Feb 2024 15:08

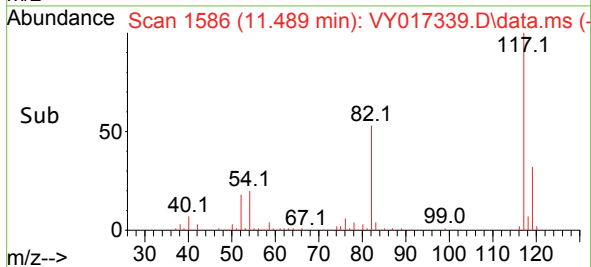
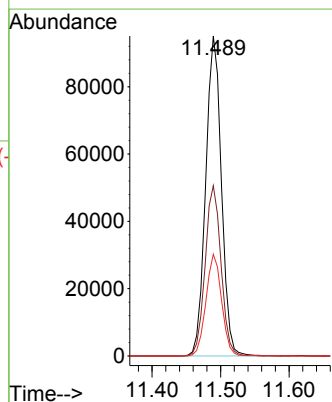
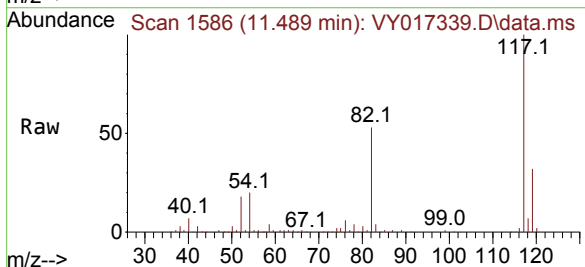
Instrument :
MSVOA_Y
ClientSampleId :
SB-7(12-13)

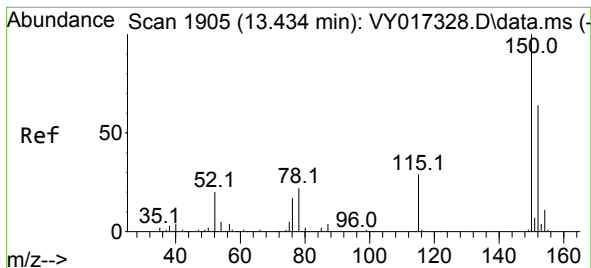
Tgt Ion: 95 Resp: 43493
Ion Ratio Lower Upper
95 100
174 79.9 0.0 160.0
176 77.3 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.012 min
Lab File: VY017339.D
Acq: 09 Feb 2024 15:08

Tgt Ion: 117 Resp: 151993
Ion Ratio Lower Upper
117 100
82 53.2 43.8 65.8
119 31.8 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1905

Delta R.T. -0.006 min

Lab File: VY017339.D

Acq: 09 Feb 2024 15:08

Instrument :

MSVOA_Y

ClientSampleId :

SB-7(12-13)

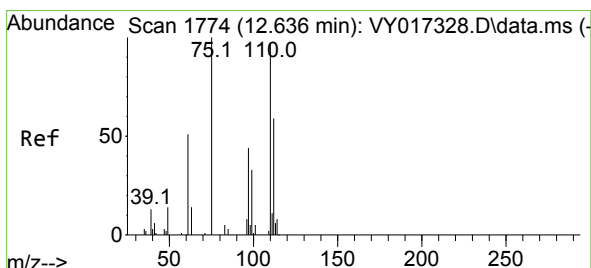
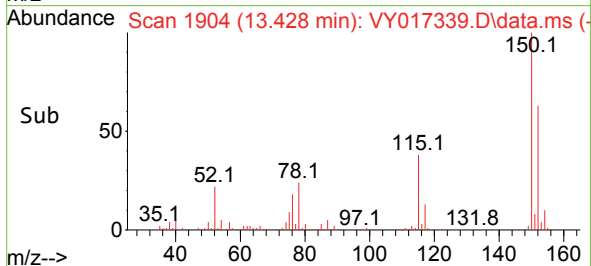
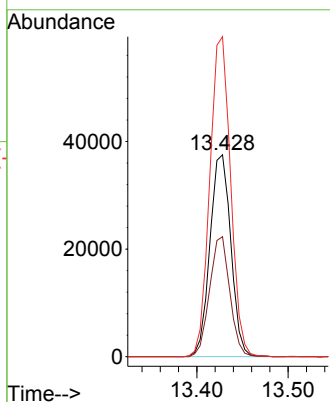
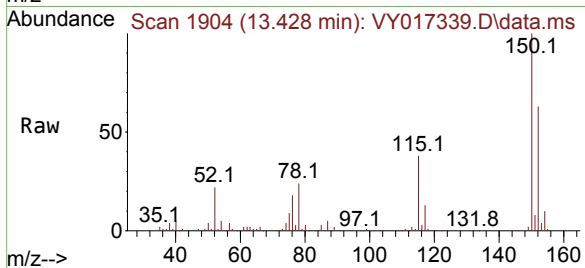
Tgt Ion:152 Resp: 59631

Ion Ratio Lower Upper

152 100

115 57.5 30.0 90.0

150 157.5 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 41.540 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.158 min

Lab File: VY017339.D

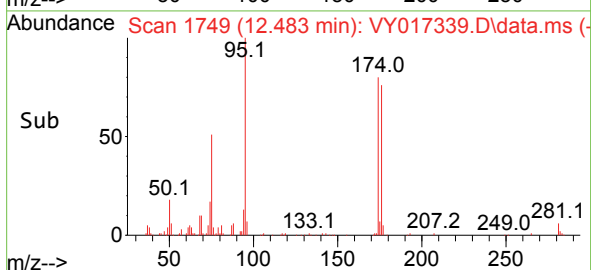
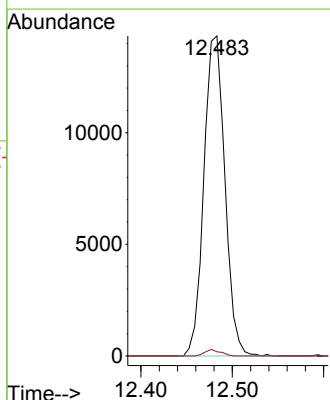
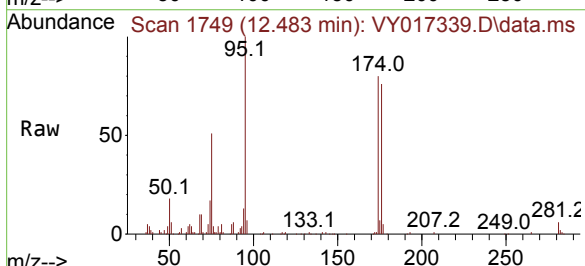
Acq: 09 Feb 2024 15:08

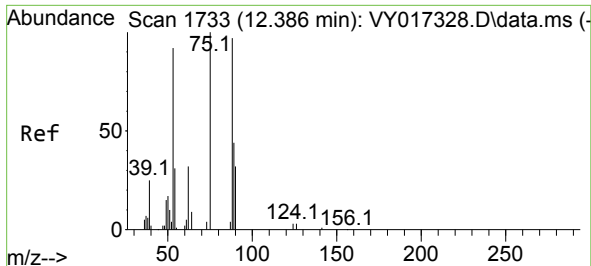
Tgt Ion: 75 Resp: 22863

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#

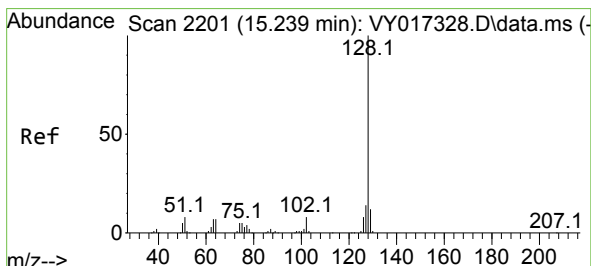
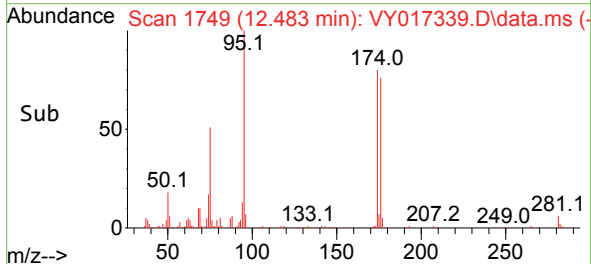
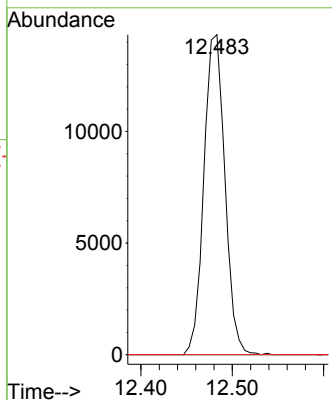
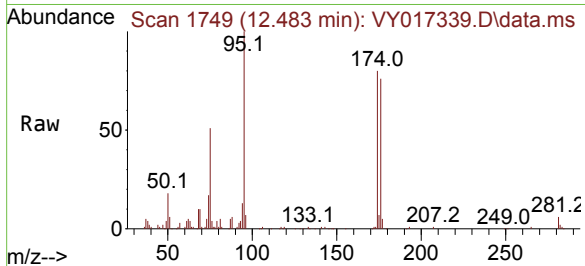




#81
trans-1,4-Dichloro-2-butene
Concen: 86.315 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY017339.D
Acq: 09 Feb 2024 15:08

Instrument :
MSVOA_Y
ClientSampleId :
SB-7(12-13)

Tgt Ion: 75 Resp: 22863
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#



#95
Naphthalene
Concen: 3.543 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.012 min
Lab File: VY017339.D
Acq: 09 Feb 2024 15:08

Tgt Ion:128 Resp: 204
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.6 12.8#

