

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020724\
 Data File : VY017290.D
 Acq On : 07 Feb 2024 15:37
 Operator : SY/MD
 Sample : P1375-01
 Misc : 5.12g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Feb 08 01:43:52 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	7.789	168	75772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	148999	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	130953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	47911	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	38319	56.610	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.220%
35) Dibromofluoromethane	7.716	113	36014	44.766	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.540%
50) Toluene-d8	10.185	98	130198	44.450	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.900%
62) 4-Bromofluorobenzene	12.483	95	36739	38.289	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.580%

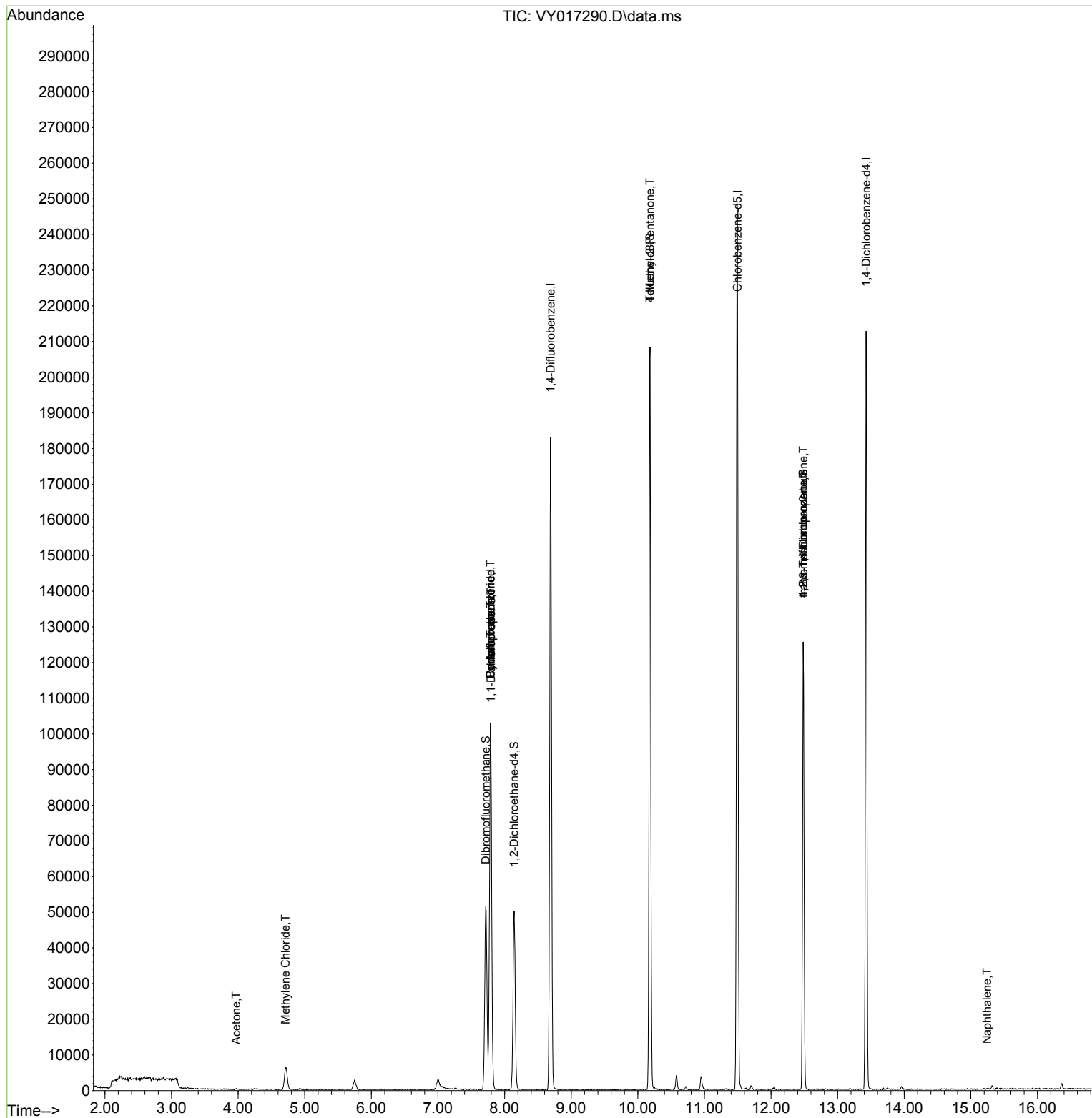
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.948	59	19	Below Cal	#	75
16) Acetone	3.973	43	456	2.292	ug/l #	41
20) Methylene Chloride	4.710	84	4390	2.026	ug/l	93
31) Cyclohexane	7.789	56	2025	1.484	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	6920	4.987	ug/l #	49
38) Carbon Tetrachloride	7.789	117	7754	5.836	ug/l #	17
51) 4-Methyl-2-Pentanone	10.185	43	655	1.072	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	20850	47.149	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	20850	97.970	ug/l #	12
95) Naphthalene	15.245	128	181	3.556	ug/l #	69

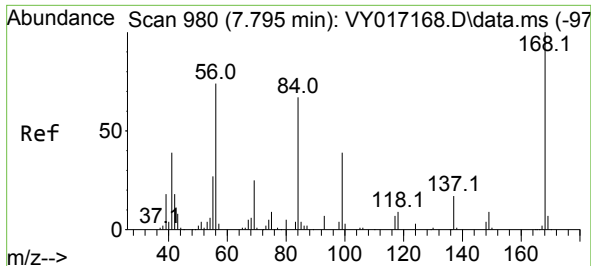
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020724\
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Quant Title : SW846 8260
QLast Update : Fri Feb 02 00:56:04 2024
Response via : Initial Calibration

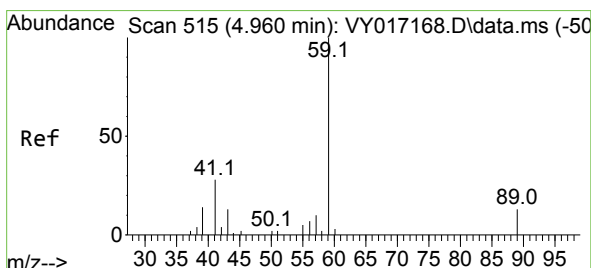
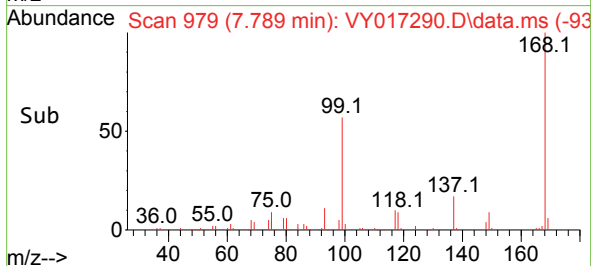
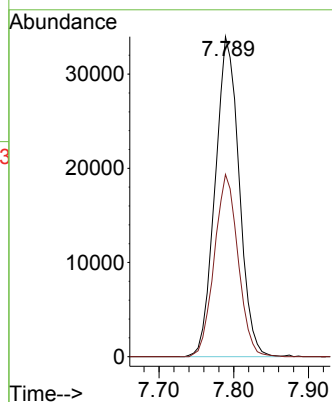
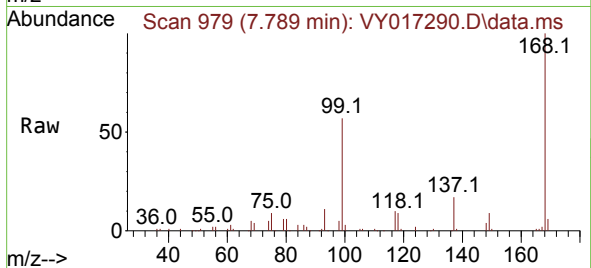




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017290.D
Acq: 07 Feb 2024 15:37

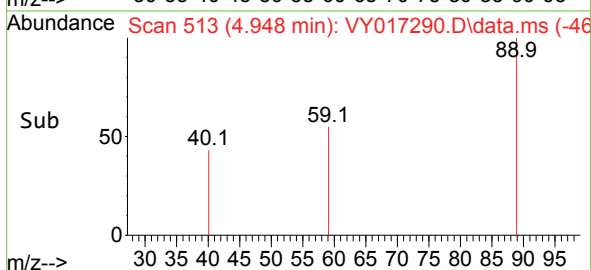
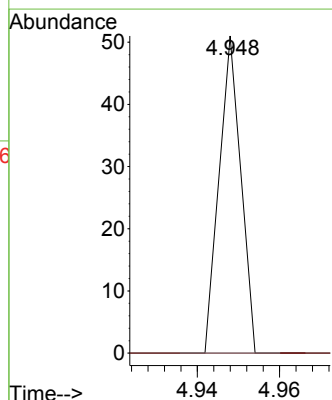
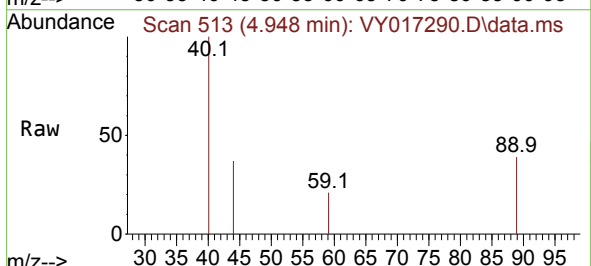
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

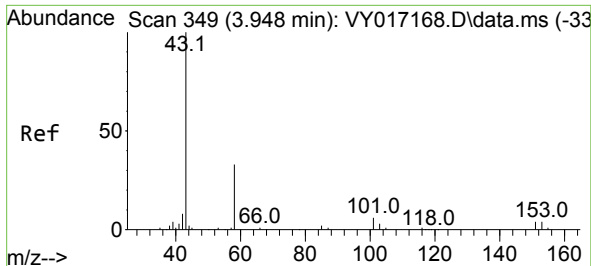
Tgt Ion:168 Resp: 75772
Ion Ratio Lower Upper
168 100
99 56.9 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY017290.D
Acq: 07 Feb 2024 15:37

Tgt Ion: 59 Resp: 19
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: 2.292 ug/l

RT: 3.973 min Scan# 3

Delta R.T. 0.025 min

Lab File: VY017290.D

Acq: 07 Feb 2024 15:37

Instrument :

MSVOA_Y

ClientSampleId :

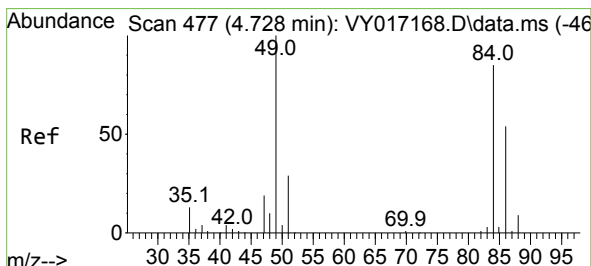
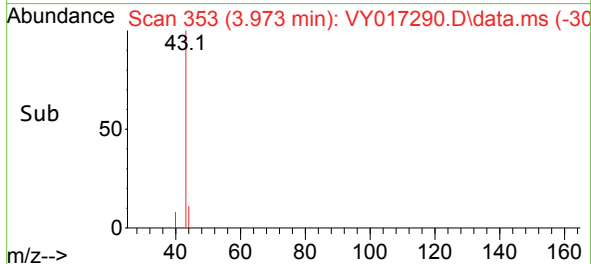
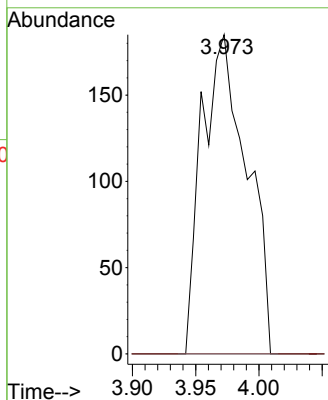
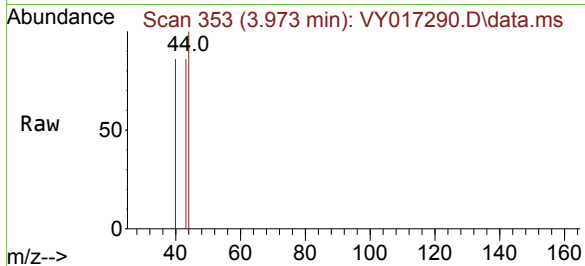
TP-1

Tgt Ion: 43 Resp: 456

Ion Ratio Lower Upper

43 100

58 0.0 26.6 39.8#



#20

Methylene Chloride

Concen: 2.026 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.018 min

Lab File: VY017290.D

Acq: 07 Feb 2024 15:37

Tgt Ion: 84 Resp: 4390

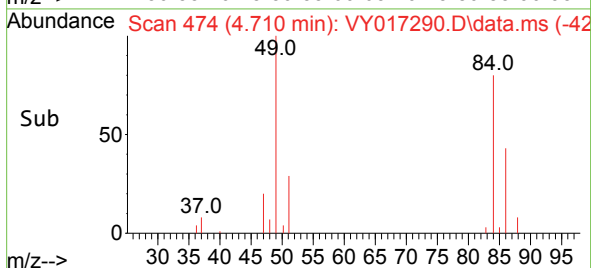
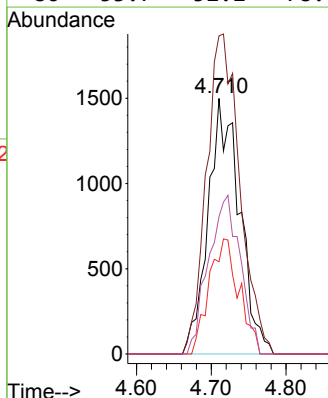
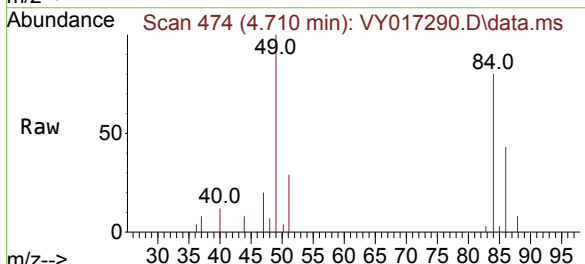
Ion Ratio Lower Upper

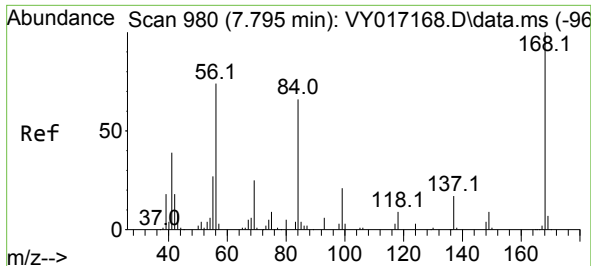
84 100

49 124.5 95.2 142.8

51 36.1 29.9 44.9

86 53.7 52.2 78.4

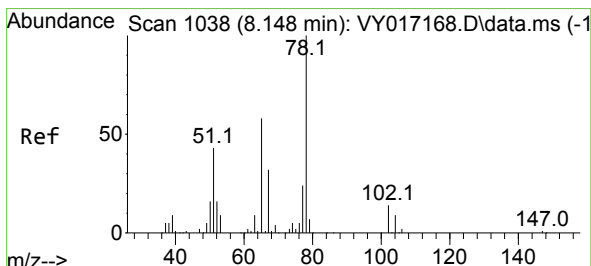
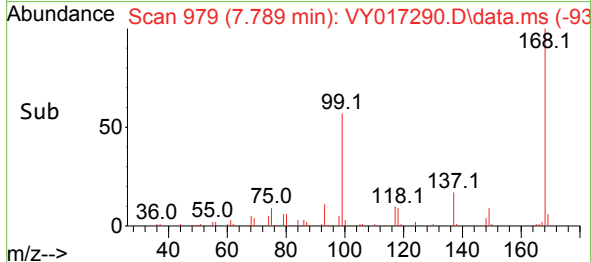
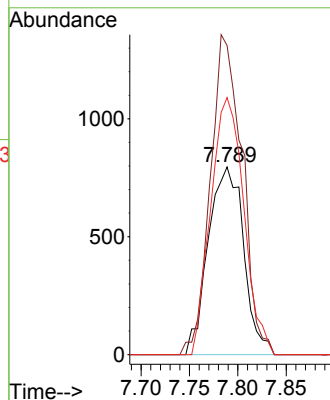
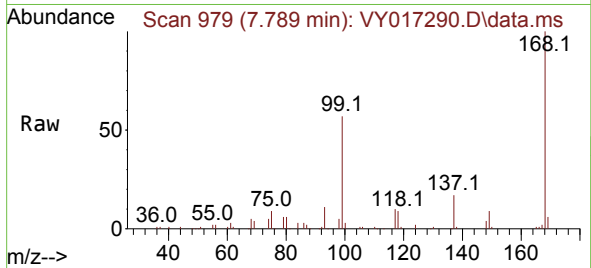




#31
Cyclohexane
Concen: 1.484 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017290.D
Acq: 07 Feb 2024 15:37

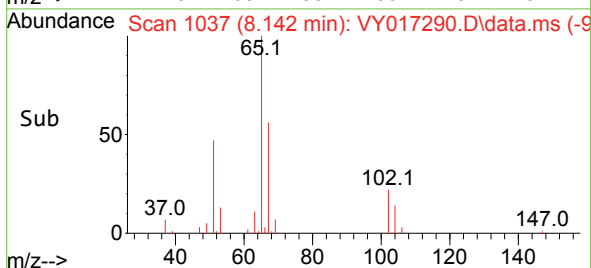
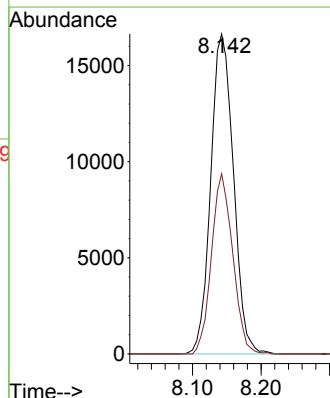
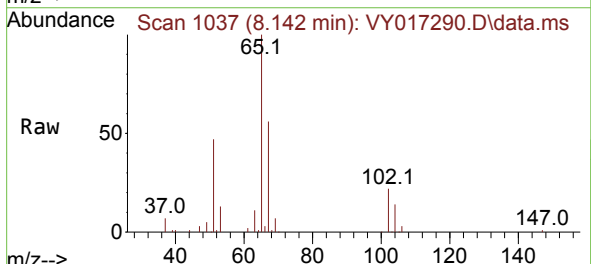
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

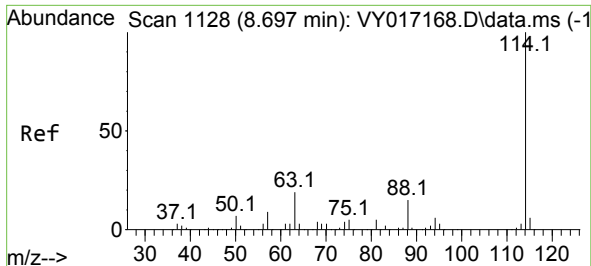
Tgt Ion: 56 Resp: 2025
Ion Ratio Lower Upper
56 100
69 164.7 27.0 40.6#
84 136.9 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 56.610 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY017290.D
Acq: 07 Feb 2024 15:37

Tgt Ion: 65 Resp: 38319
Ion Ratio Lower Upper
65 100
67 52.8 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY017290.D

Acq: 07 Feb 2024 15:37

Instrument :

MSVOA_Y

ClientSampleId :

TP-1

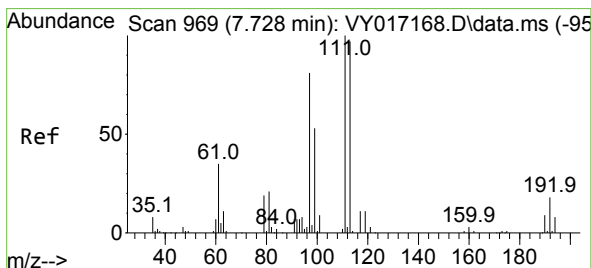
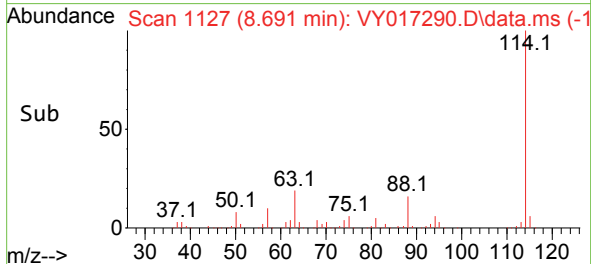
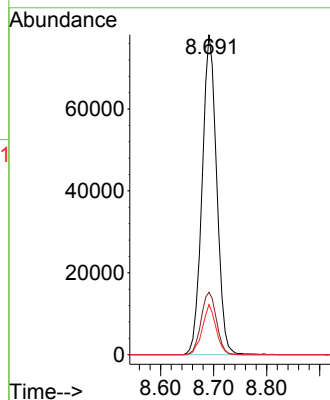
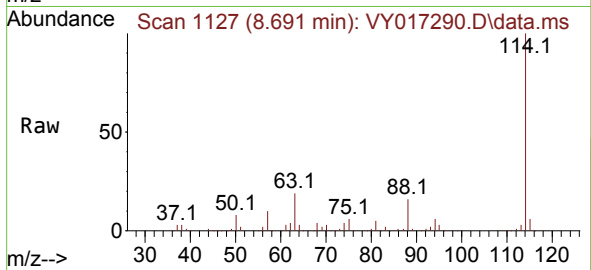
Tgt Ion:114 Resp: 148999

Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.4

88 15.7 0.0 29.0



#35

Dibromofluoromethane

Concen: 44.766 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.012 min

Lab File: VY017290.D

Acq: 07 Feb 2024 15:37

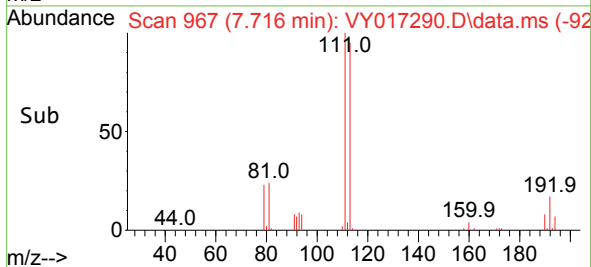
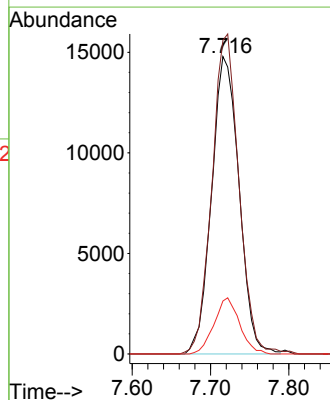
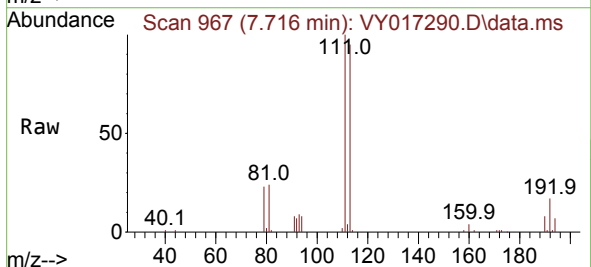
Tgt Ion:113 Resp: 36014

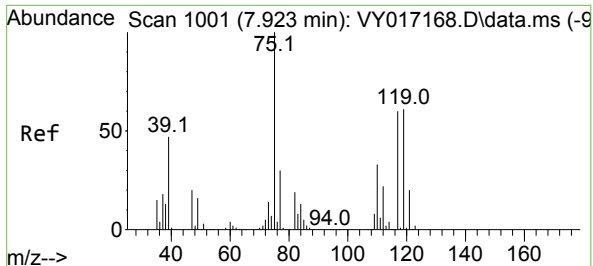
Ion Ratio Lower Upper

113 100

111 105.6 83.8 125.6

192 17.6 14.5 21.7

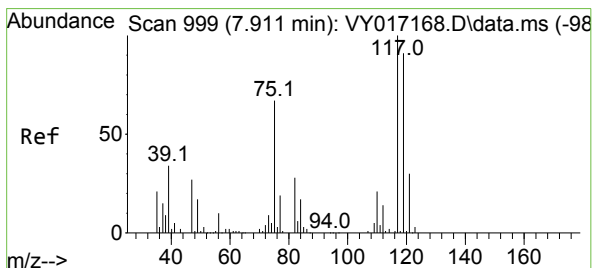
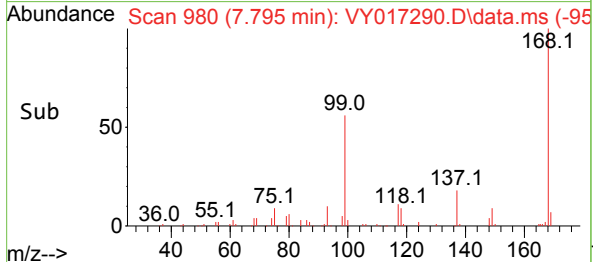
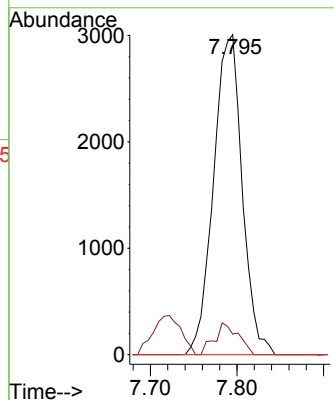
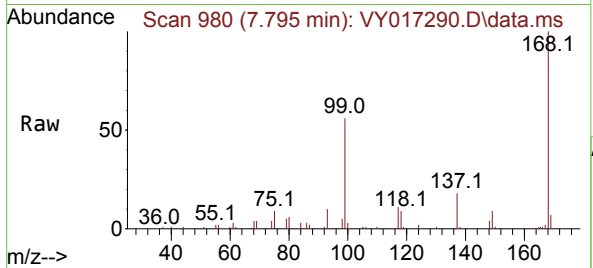




#36
 1,1-Dichloropropene
 Concen: 4.987 ug/l
 RT: 7.795 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY017290.D
 Acq: 07 Feb 2024 15:37

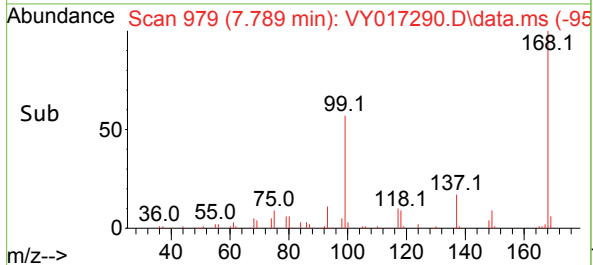
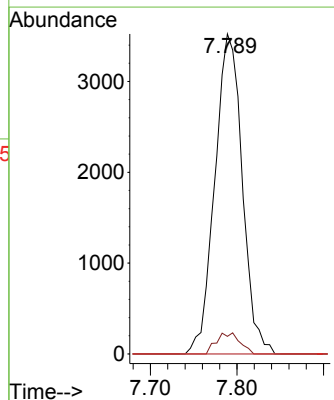
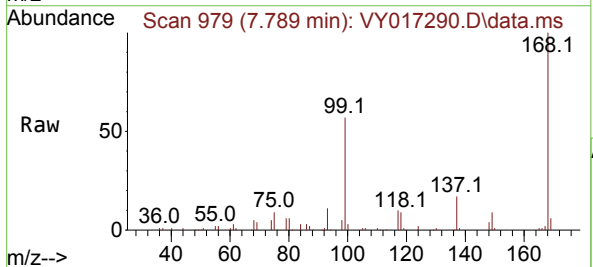
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

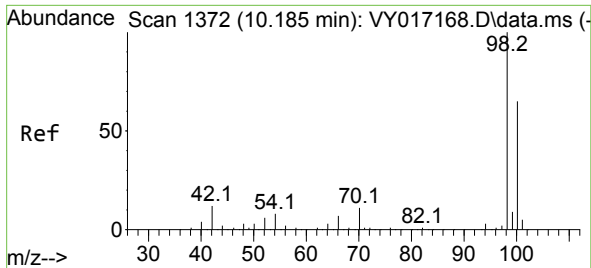
Tgt Ion: 75 Resp: 6920
 Ion Ratio Lower Upper
 75 100
 110 8.2 17.4 52.3#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.836 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.122 min
 Lab File: VY017290.D
 Acq: 07 Feb 2024 15:37

Tgt Ion: 117 Resp: 7754
 Ion Ratio Lower Upper
 117 100
 119 5.5 76.0 114.0#
 121 0.0 24.2 36.2#

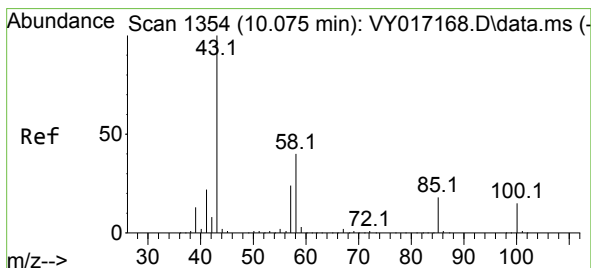
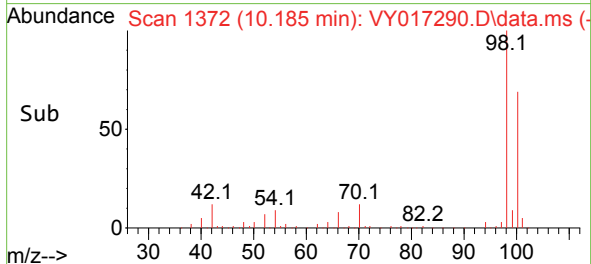
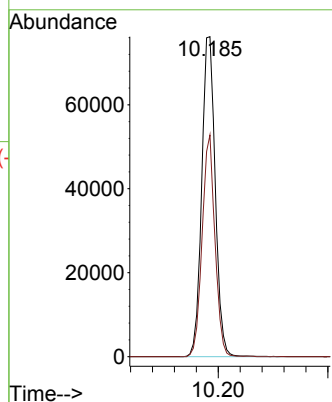
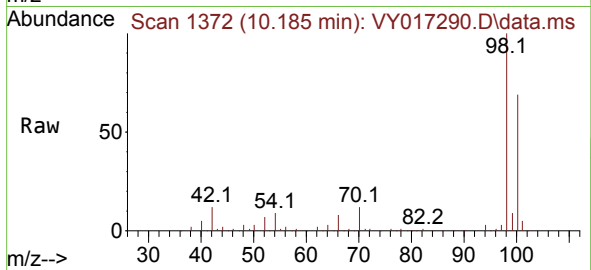




#50
Toluene-d8
Concen: 44.450 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017290.D
Acq: 07 Feb 2024 15:37

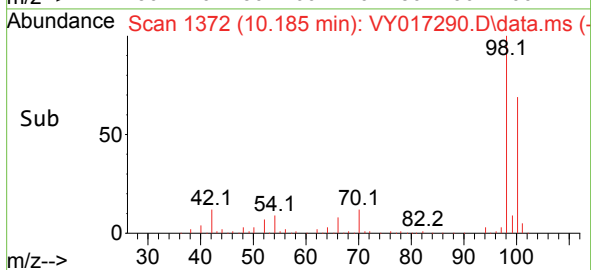
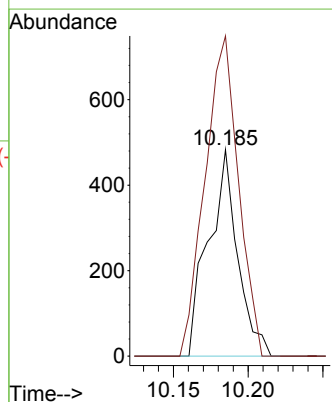
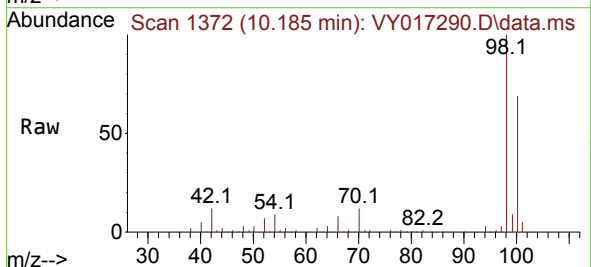
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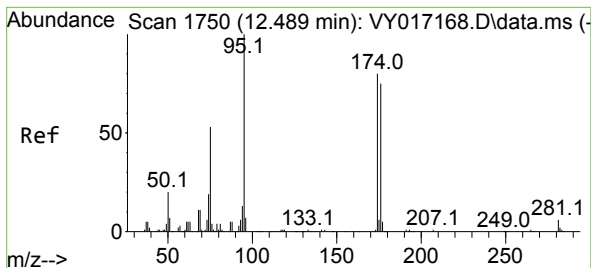
Tgt Ion: 98 Resp: 130198
Ion Ratio Lower Upper
98 100
100 65.7 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 1.072 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY017290.D
Acq: 07 Feb 2024 15:37

Tgt Ion: 43 Resp: 655
Ion Ratio Lower Upper
43 100
58 177.4 32.2 48.2#

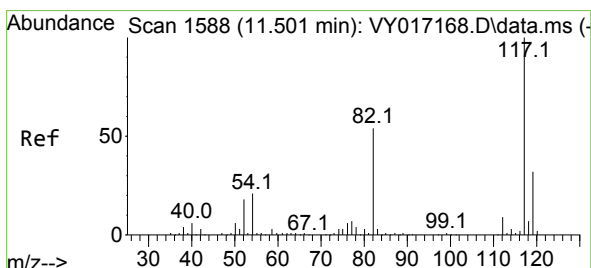
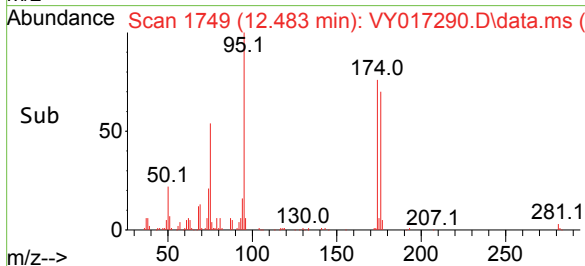
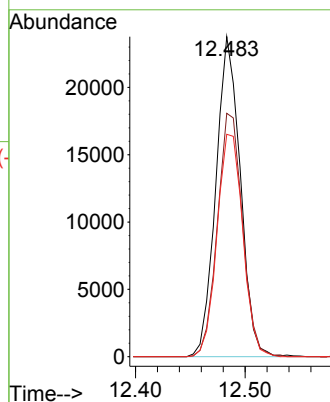
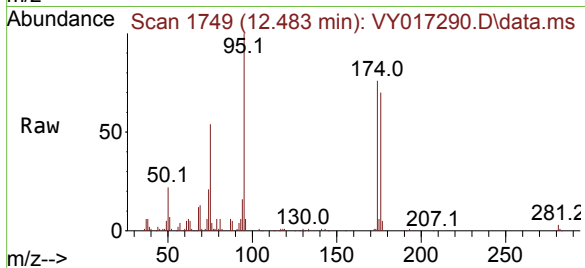




#62
4-Bromofluorobenzene
Concen: 38.289 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017290.D
Acq: 07 Feb 2024 15:37

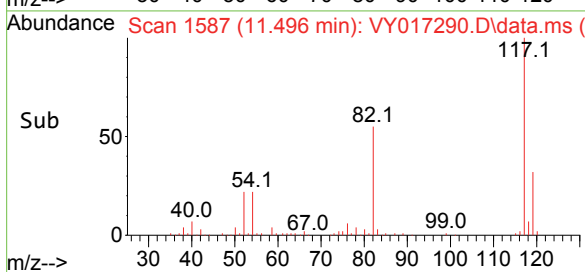
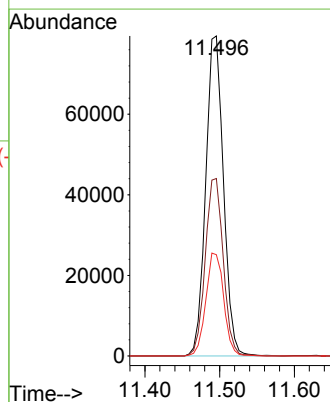
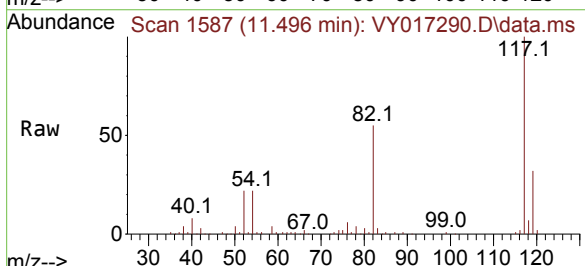
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

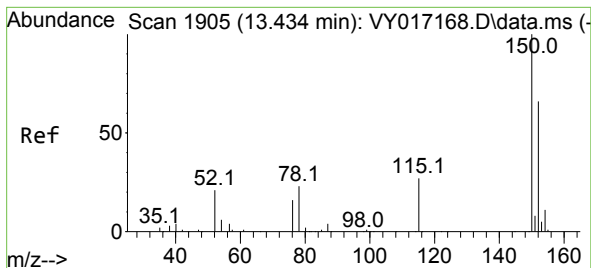
Tgt Ion: 95 Resp: 36739
Ion Ratio Lower Upper
95 100
174 78.6 0.0 160.0
176 73.6 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY017290.D
Acq: 07 Feb 2024 15:37

Tgt Ion: 117 Resp: 130953
Ion Ratio Lower Upper
117 100
82 55.4 43.8 65.8
119 31.7 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: VY017290.D

Acq: 07 Feb 2024 15:37

Instrument :

MSVOA_Y

ClientSampleId :

TP-1

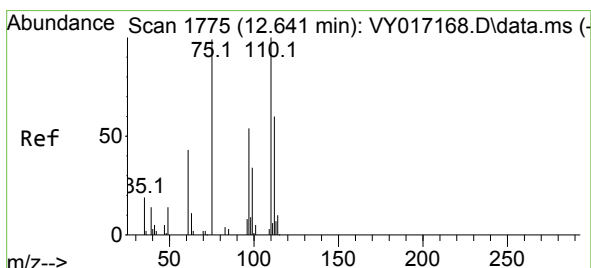
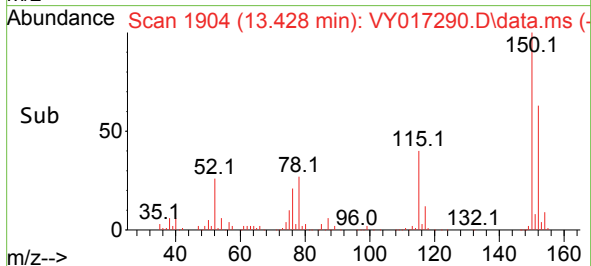
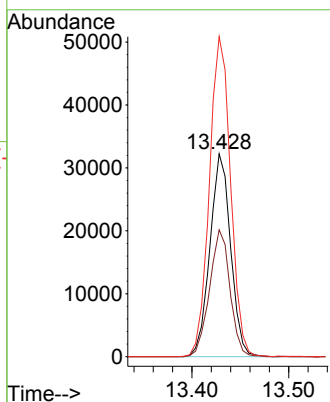
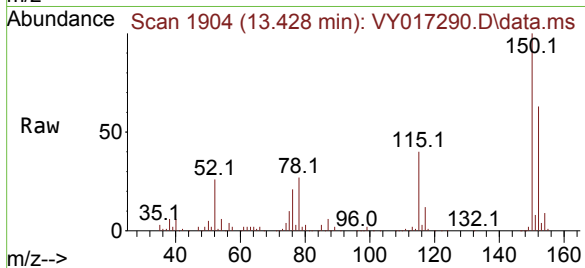
Tgt Ion:152 Resp: 47911

Ion Ratio Lower Upper

152 100

115 61.8 30.0 90.0

150 161.2 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 47.149 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.158 min

Lab File: VY017290.D

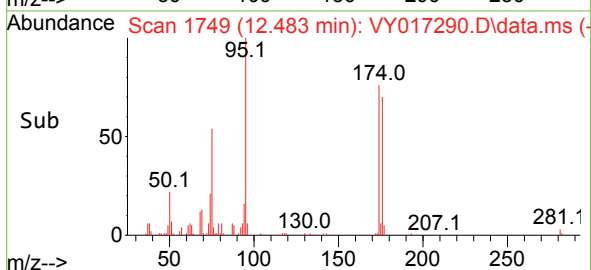
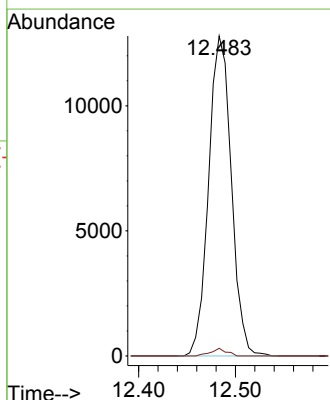
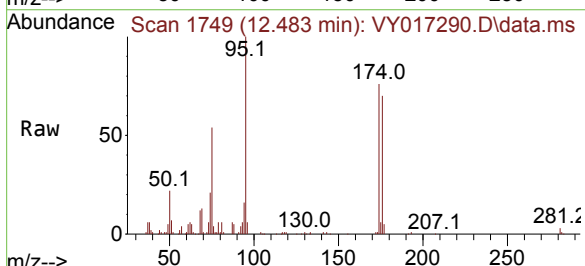
Acq: 07 Feb 2024 15:37

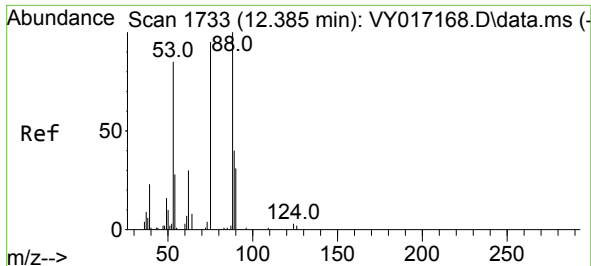
Tgt Ion: 75 Resp: 20850

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#

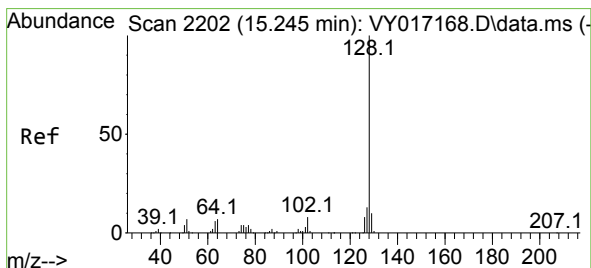
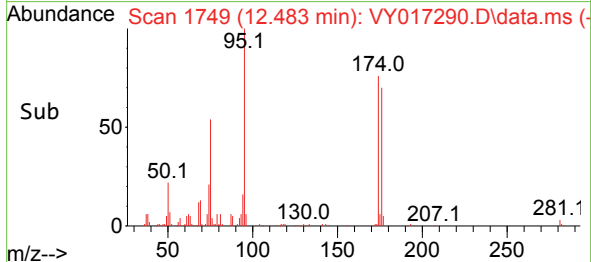
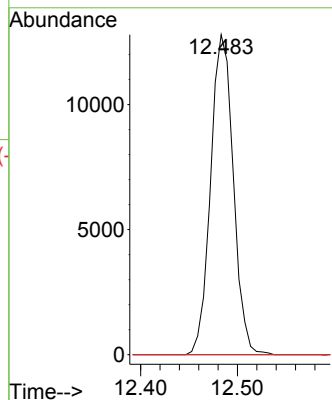
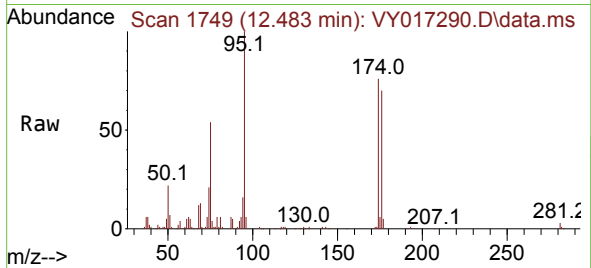




#81
trans-1,4-Dichloro-2-butene
Concen: 97.970 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY017290.D
Acq: 07 Feb 2024 15:37

Instrument :
MSVOA_Y
ClientSampleId :
TP-1

Tgt Ion: 75 Resp: 20850
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#



#95
Naphthalene
Concen: 3.556 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY017290.D
Acq: 07 Feb 2024 15:37

Tgt Ion:128 Resp: 181
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.6 12.8#

