

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020624\
 Data File : VY017275.D
 Acq On : 06 Feb 2024 19:22
 Operator : SY/MD
 Sample : P1364-03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-3

Quant Time: Feb 07 00:12:03 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)

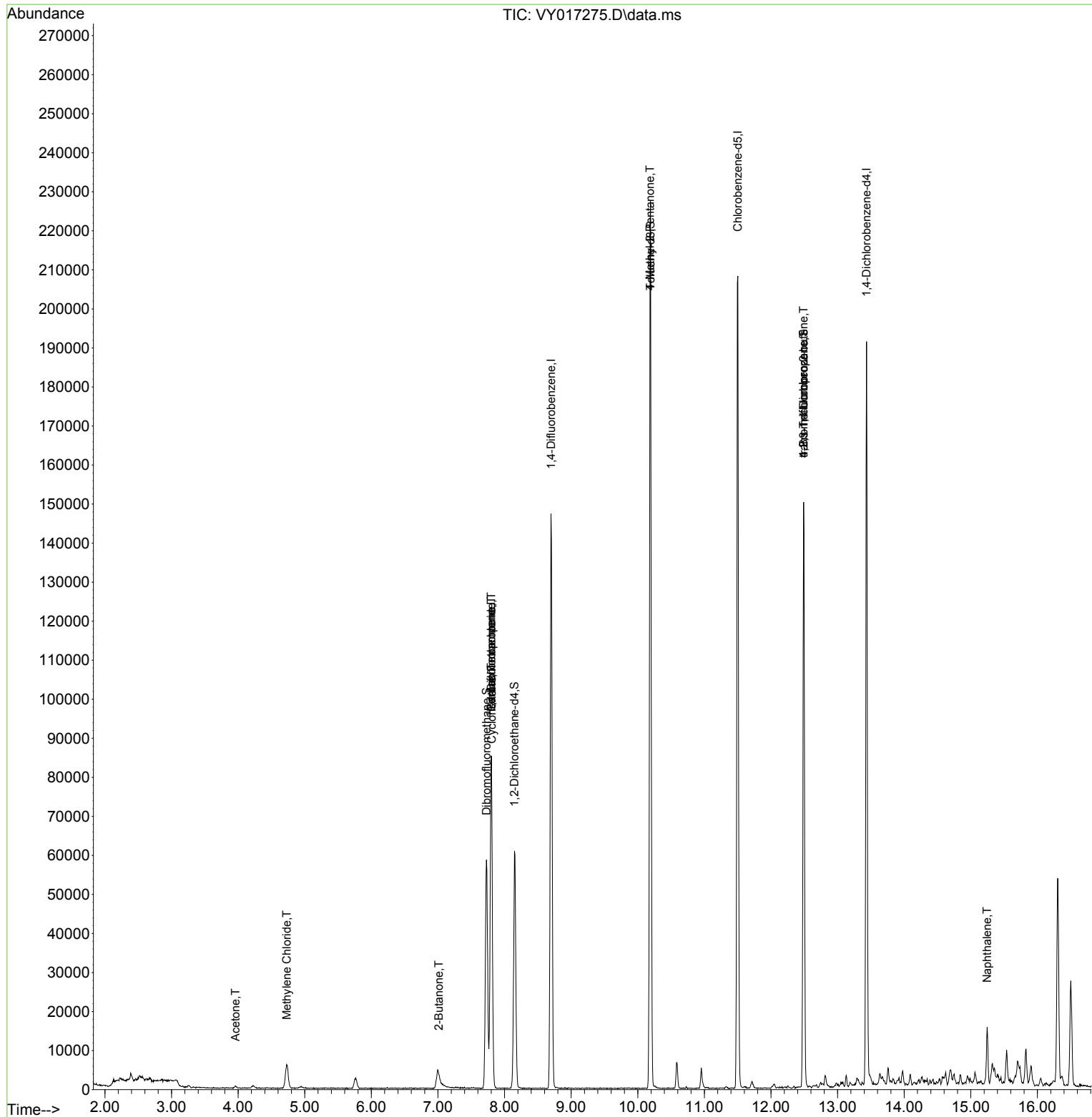
Internal Standards						
1) Pentafluorobenzene	7.801	168	64104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	122425	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	111525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	44093	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	45656	79.725	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 159.460%	
35) Dibromofluoromethane	7.728	113	42202	63.844	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 127.680%	
50) Toluene-d8	10.191	98	145738	60.555	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 121.100%	
62) 4-Bromofluorobenzene	12.489	95	44255	56.133	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 112.260%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	762	Below Cal	#	75
16) Acetone	3.960	43	912	5.418	ug/l	91
20) Methylene Chloride	4.729	84	4688	3.546	ug/l	96
25) 2-Butanone	7.015	43	799	3.571	ug/l #	48
31) Cyclohexane	7.807	56	1623	1.406	ug/l #	21
36) 1,1-Dichloropropene	7.801	75	5842	5.124	ug/l #	48
38) Carbon Tetrachloride	7.801	117	6810	6.238	ug/l #	17
51) 4-Methyl-2-Pentanone	10.185	43	746	1.487	ug/l #	1
76) 1,2,3-Trichloropropane	12.489	75	24594	60.432	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	24594	125.569	ug/l #	12
95) Naphthalene	15.245	128	10625	11.862	ug/l	98

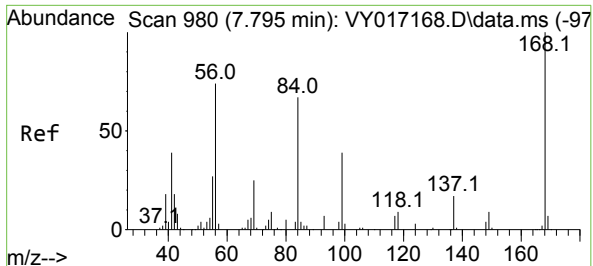
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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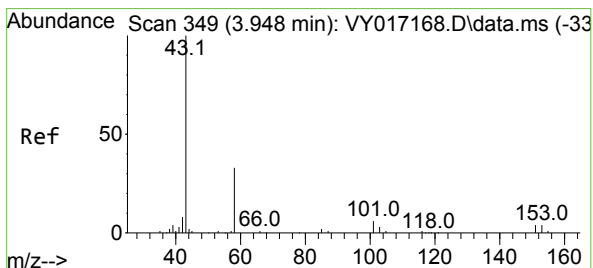
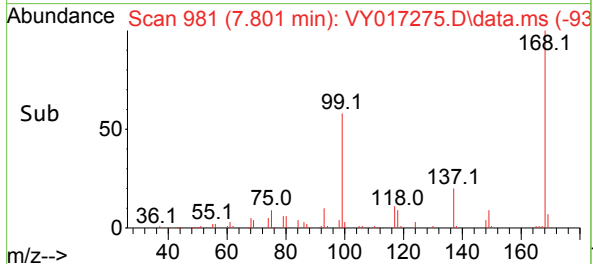
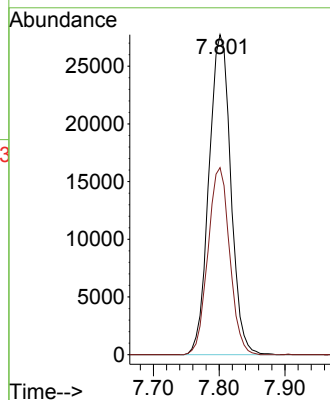
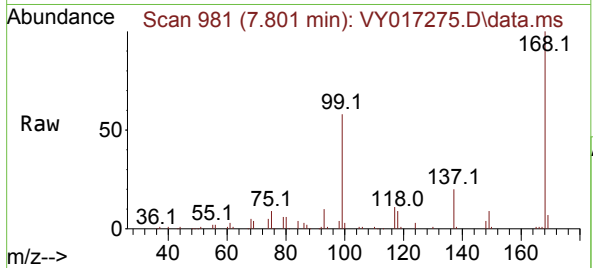




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017275.D
Acq: 06 Feb 2024 19:22

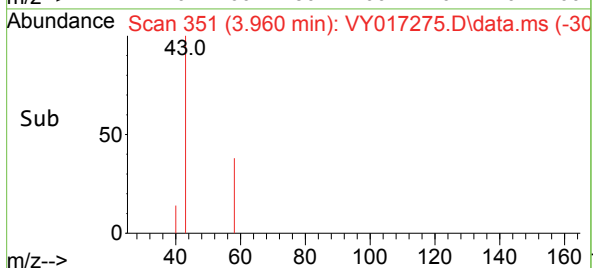
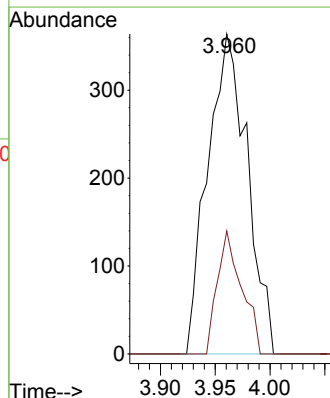
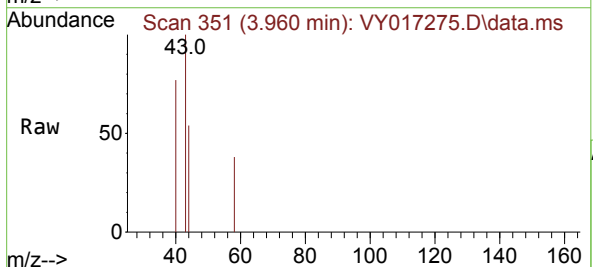
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

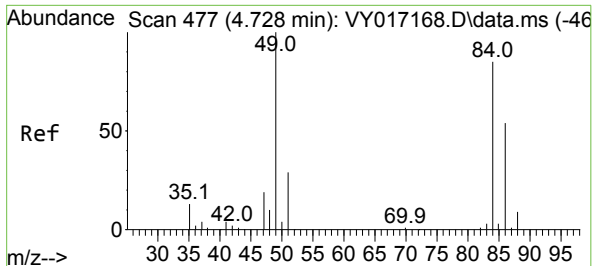
Tgt Ion:168 Resp: 64104
Ion Ratio Lower Upper
168 100
99 58.5 44.2 66.4



#16
Acetone
Concen: 5.418 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.013 min
Lab File: VY017275.D
Acq: 06 Feb 2024 19:22

Tgt Ion: 43 Resp: 912
Ion Ratio Lower Upper
43 100
58 38.5 26.6 39.8





#20

Methylene Chloride

Concen: 3.546 ug/l

RT: 4.729 min Scan# 41

Delta R.T. 0.001 min

Lab File: VY017275.D

Acq: 06 Feb 2024 19:22

Instrument :

MSVOA_Y

ClientSampleId :

COMP-3

Tgt Ion: 84 Resp: 4688

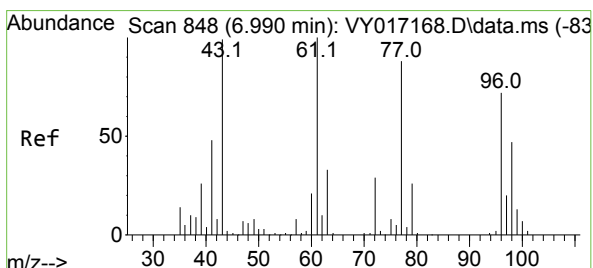
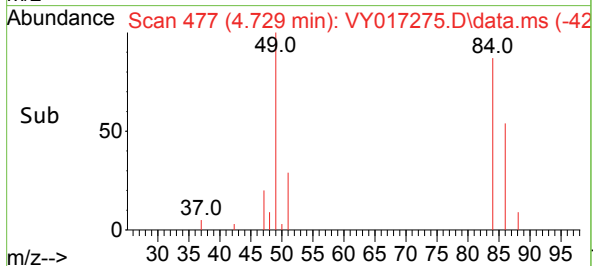
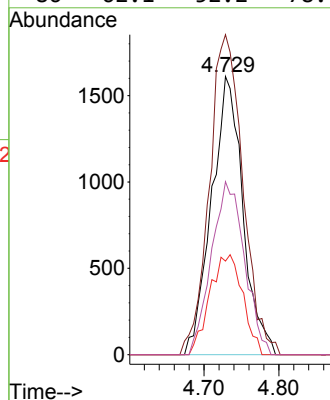
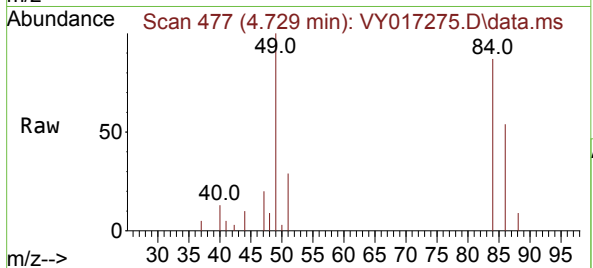
Ion Ratio Lower Upper

84 100

49 115.0 95.2 142.8

51 33.6 29.9 44.9

86 62.1 52.2 78.4



#25

2-Butanone

Concen: 3.571 ug/l

RT: 7.015 min Scan# 852

Delta R.T. 0.025 min

Lab File: VY017275.D

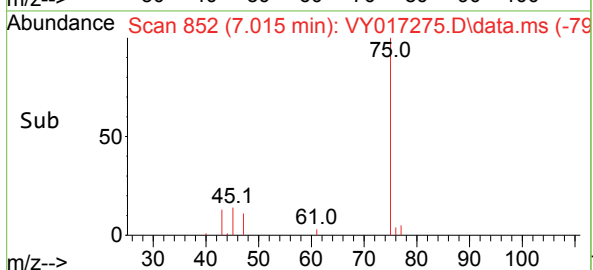
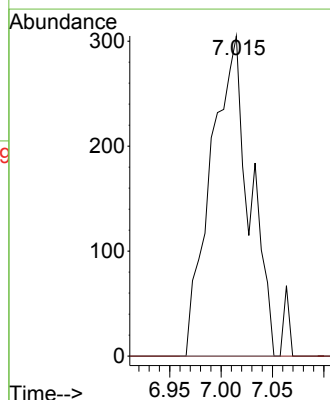
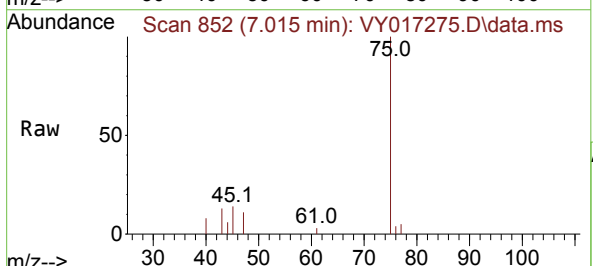
Acq: 06 Feb 2024 19:22

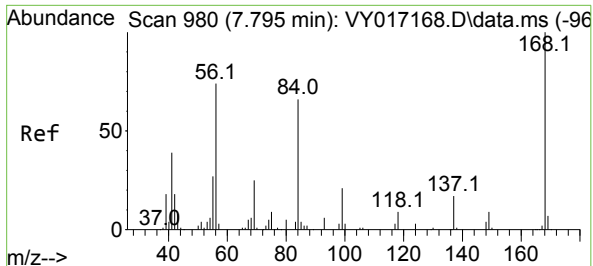
Tgt Ion: 43 Resp: 799

Ion Ratio Lower Upper

43 100

72 0.0 21.4 32.2#

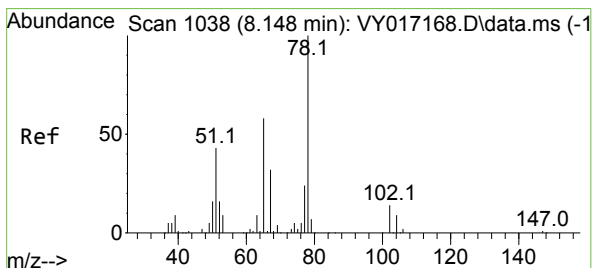
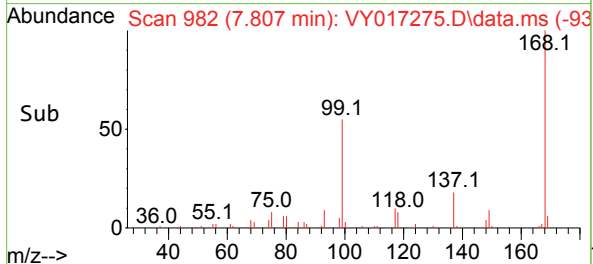
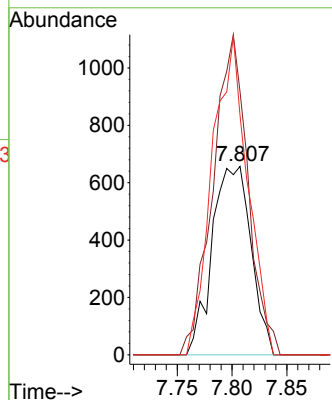
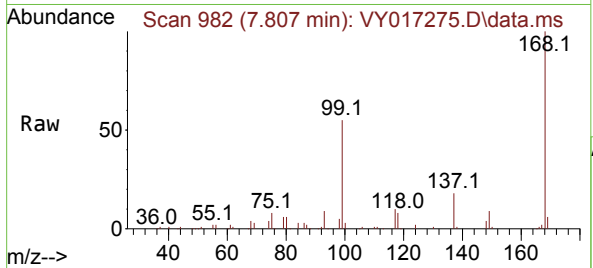




#31
Cyclohexane
Concen: 1.406 ug/l
RT: 7.807 min Scan# 980
Delta R.T. 0.013 min
Lab File: VY017275.D
Acq: 06 Feb 2024 19:22

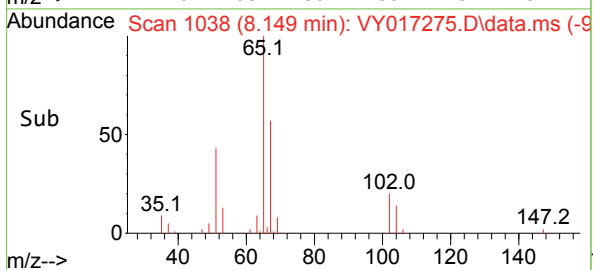
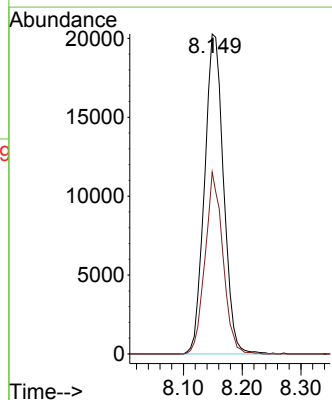
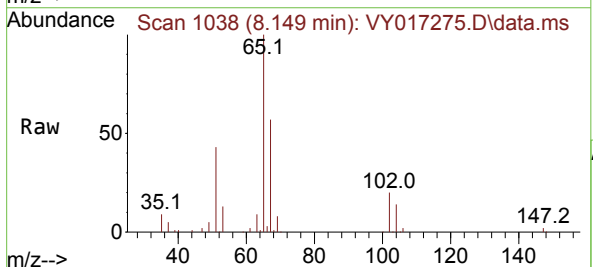
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

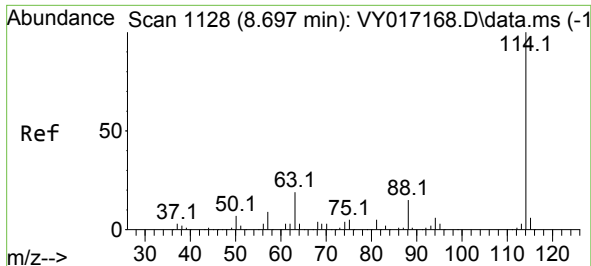
Tgt Ion: 56 Resp: 1623
Ion Ratio Lower Upper
56 100
69 139.6 27.0 40.6#
84 126.9 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 79.725 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY017275.D
Acq: 06 Feb 2024 19:22

Tgt Ion: 65 Resp: 45656
Ion Ratio Lower Upper
65 100
67 53.3 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017275.D

Acq: 06 Feb 2024 19:22

Instrument :

MSVOA_Y

ClientSampleId :

COMP-3

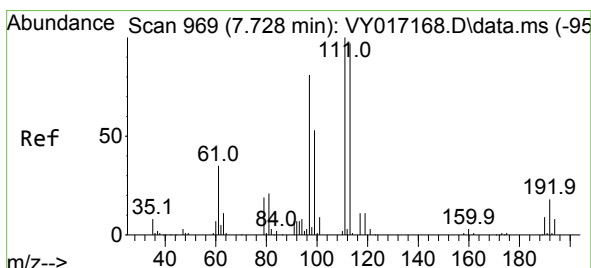
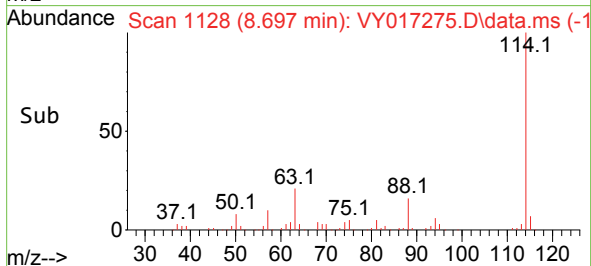
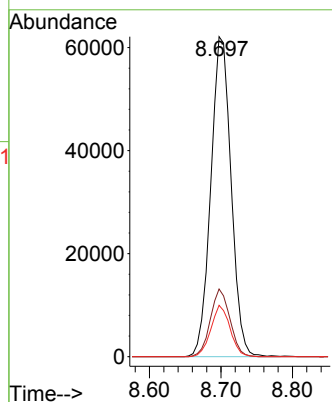
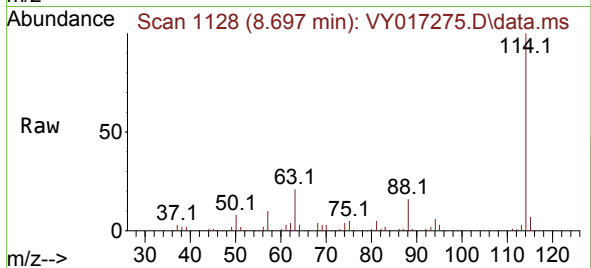
Tgt Ion:114 Resp: 122425

Ion Ratio Lower Upper

114 100

63 21.1 0.0 37.4

88 16.0 0.0 29.0



#35

Dibromofluoromethane

Concen: 63.844 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY017275.D

Acq: 06 Feb 2024 19:22

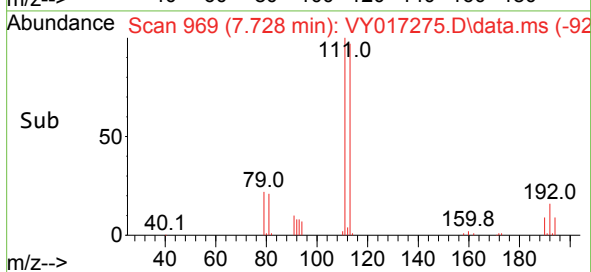
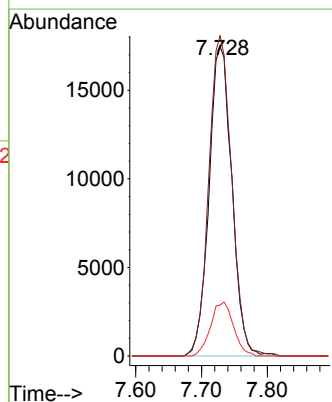
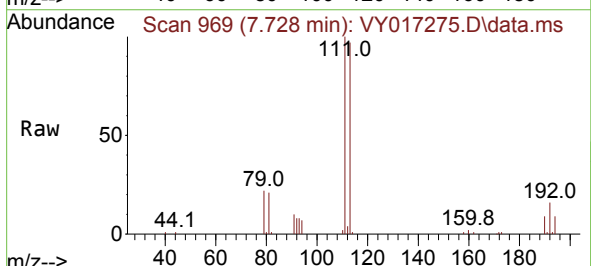
Tgt Ion:113 Resp: 42202

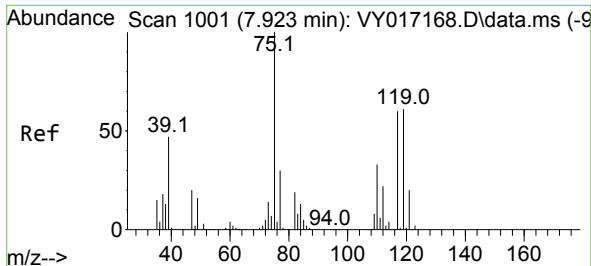
Ion Ratio Lower Upper

113 100

111 104.0 83.8 125.6

192 17.5 14.5 21.7

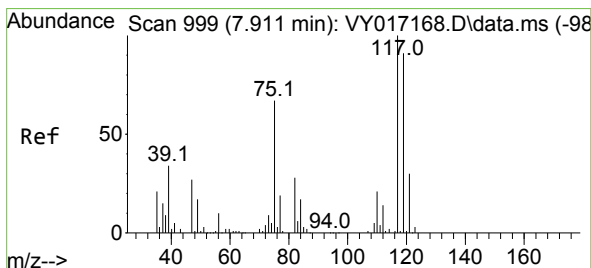
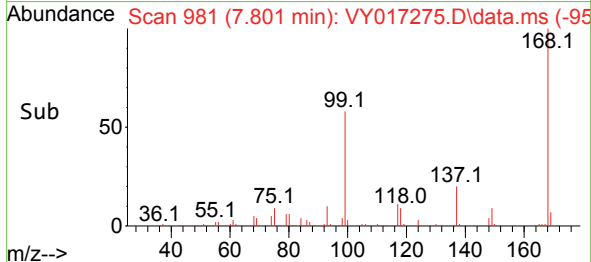
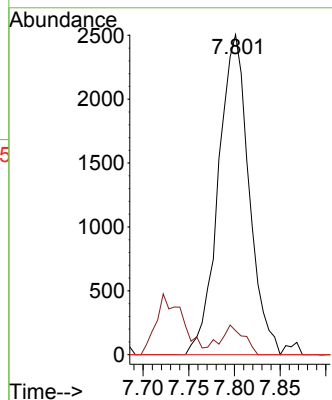
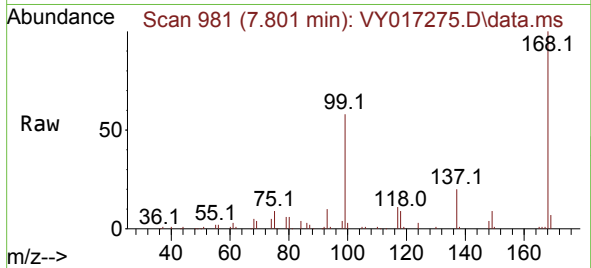




#36
1,1-Dichloropropene
Concen: 5.124 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.121 min
Lab File: VY017275.D
Acq: 06 Feb 2024 19:22

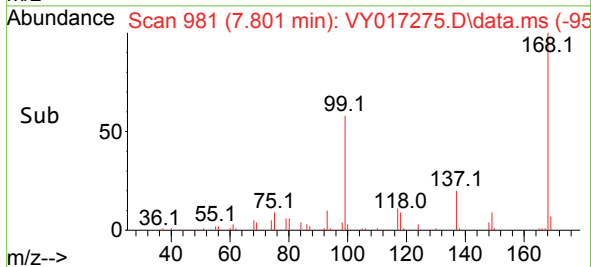
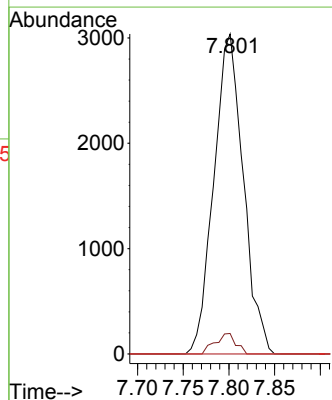
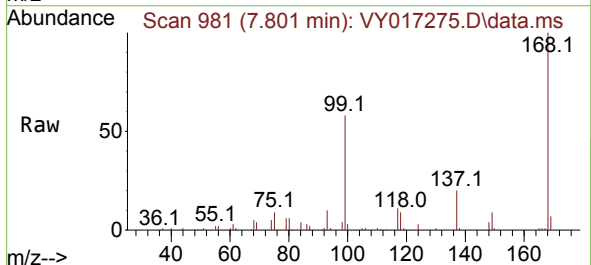
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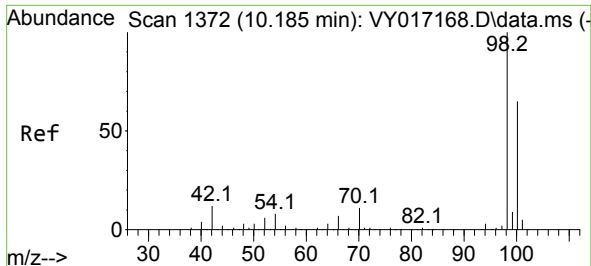
Tgt Ion: 75 Resp: 5842
Ion Ratio Lower Upper
75 100
110 7.0 17.4 52.3#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.238 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.109 min
Lab File: VY017275.D
Acq: 06 Feb 2024 19:22

Tgt Ion: 117 Resp: 6810
Ion Ratio Lower Upper
117 100
119 6.4 76.0 114.0#
121 0.0 24.2 36.2#

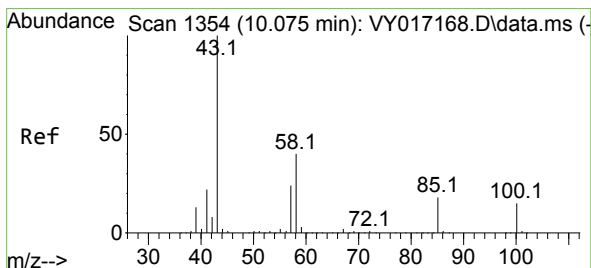
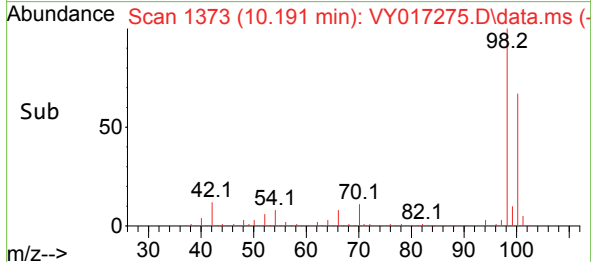
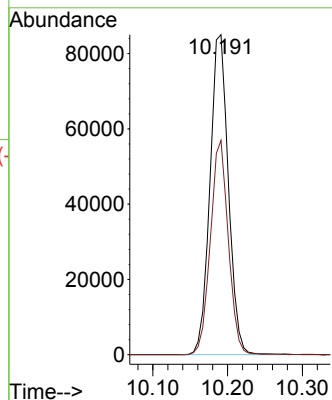
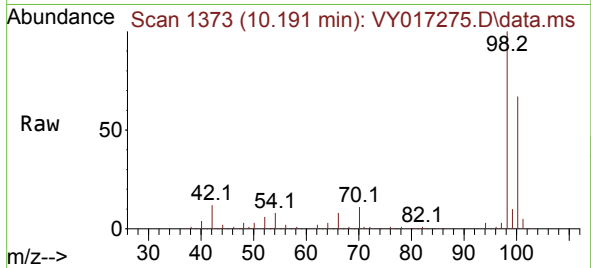




#50
Toluene-d8
Concen: 60.555 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.007 min
Lab File: VY017275.D
Acq: 06 Feb 2024 19:22

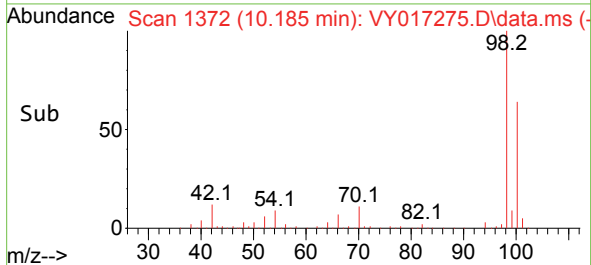
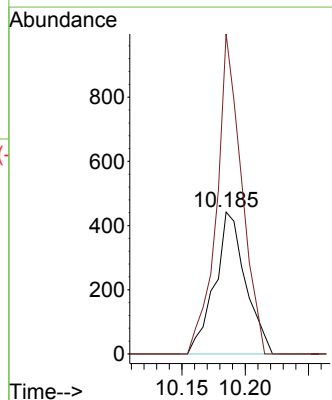
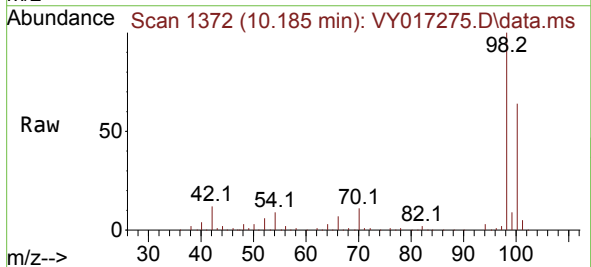
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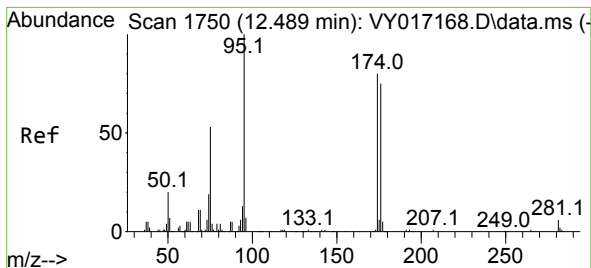
Tgt Ion: 98 Resp: 145738
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 1.487 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY017275.D
Acq: 06 Feb 2024 19:22

Tgt Ion: 43 Resp: 746
Ion Ratio Lower Upper
43 100
58 183.5 32.2 48.2#

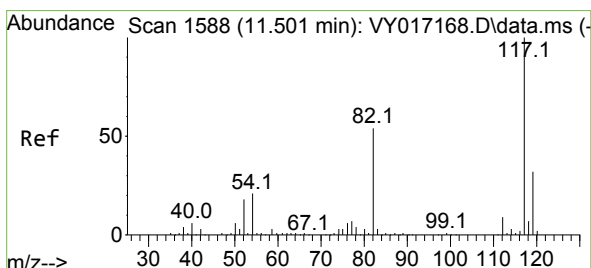
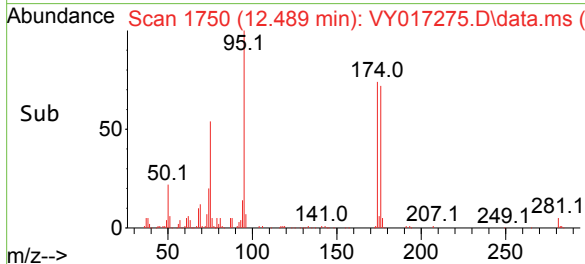
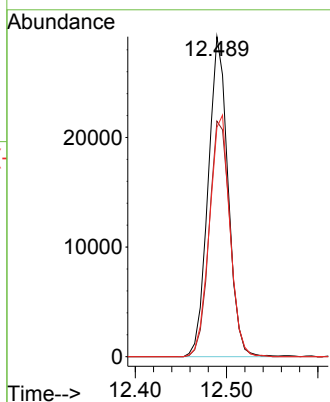
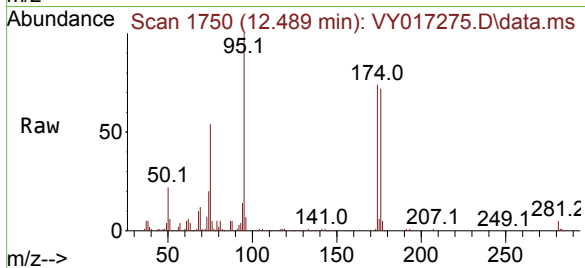




#62
4-Bromofluorobenzene
Concen: 56.133 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017275.D
Acq: 06 Feb 2024 19:22

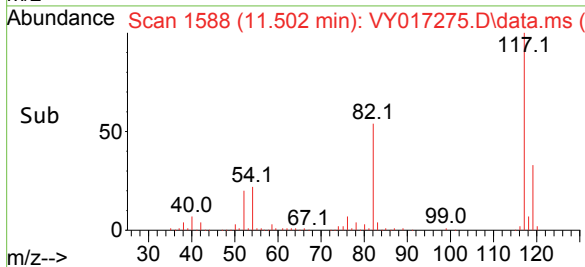
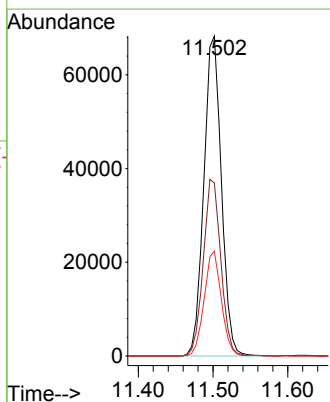
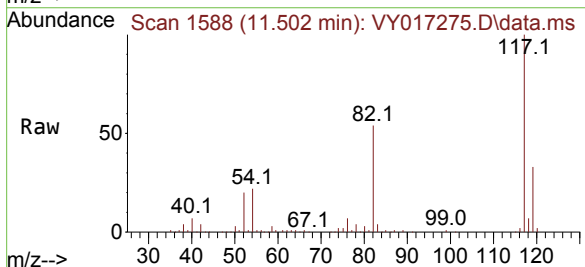
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

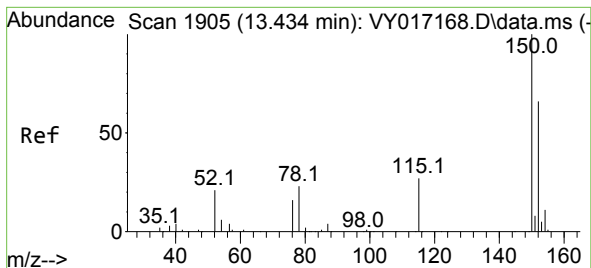
Tgt Ion:	95	Resp:	44255
Ion Ratio	Lower	Upper	
95	100		
174	76.7	0.0	160.0
176	77.8	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.000 min
Lab File: VY017275.D
Acq: 06 Feb 2024 19:22

Tgt Ion:	117	Resp:	111525
Ion Ratio	Lower	Upper	
117	100		
82	54.1	43.8	65.8
119	32.7	26.5	39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017275.D

Acq: 06 Feb 2024 19:22

Instrument :

MSVOA_Y

ClientSampleId :

COMP-3

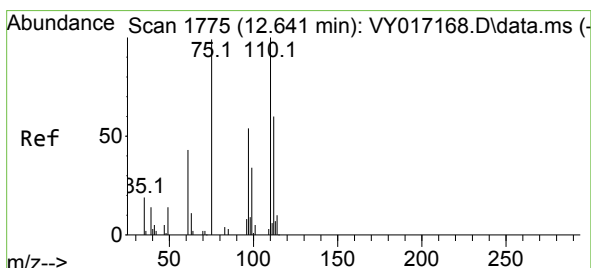
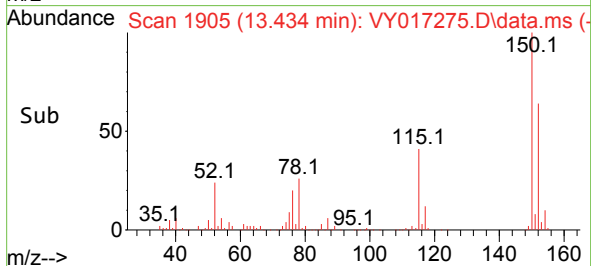
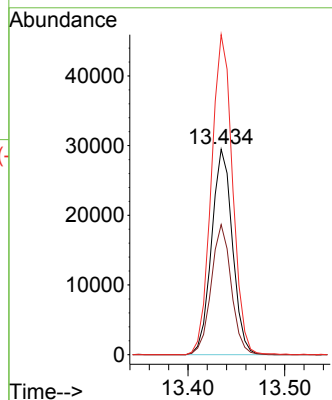
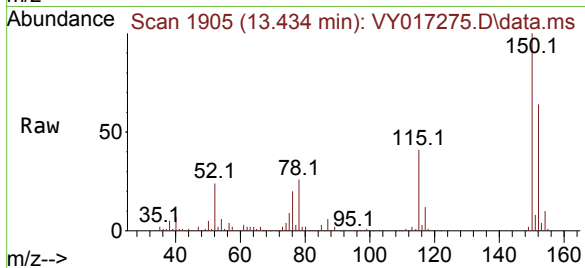
Tgt Ion:152 Resp: 44093

Ion Ratio Lower Upper

152 100

115 60.9 30.0 90.0

150 158.5 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 60.432 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.152 min

Lab File: VY017275.D

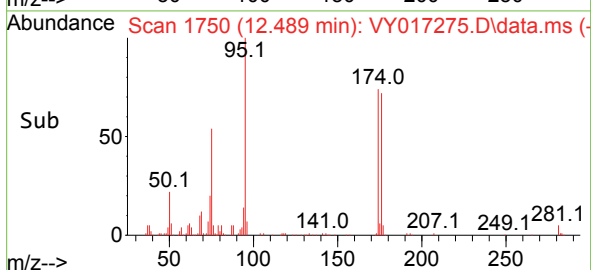
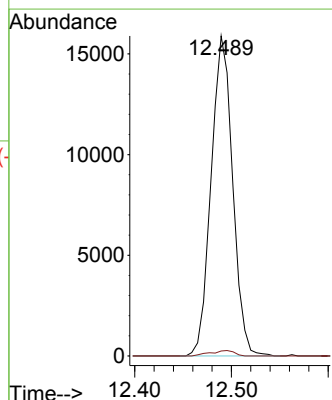
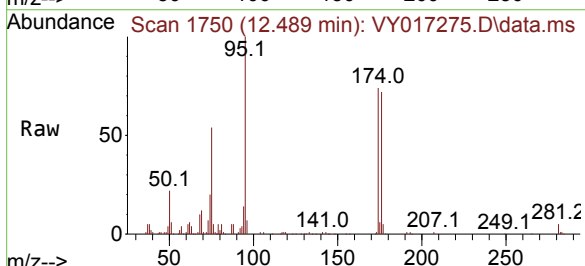
Acq: 06 Feb 2024 19:22

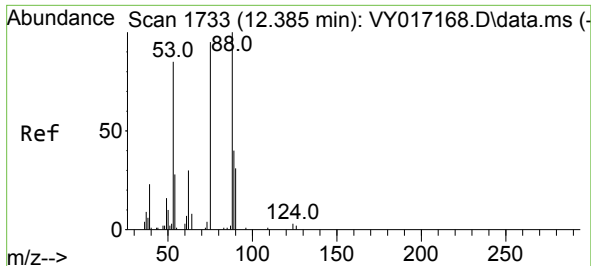
Tgt Ion: 75 Resp: 24594

Ion Ratio Lower Upper

75 100

77 1.9 0.0 0.0#

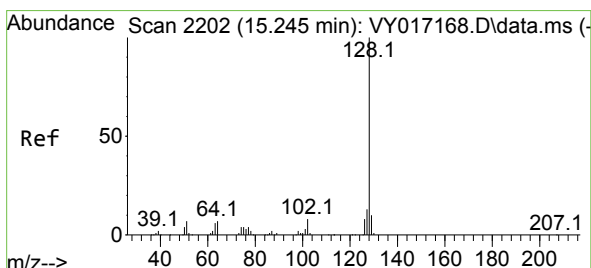
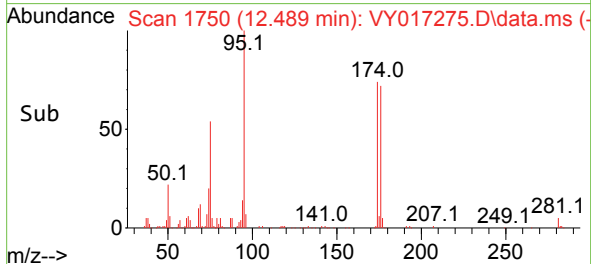
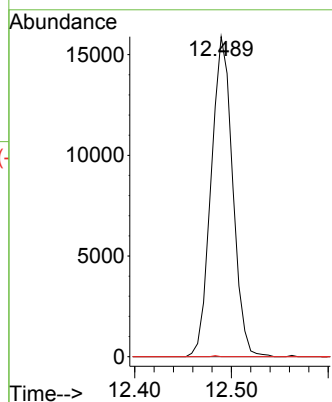
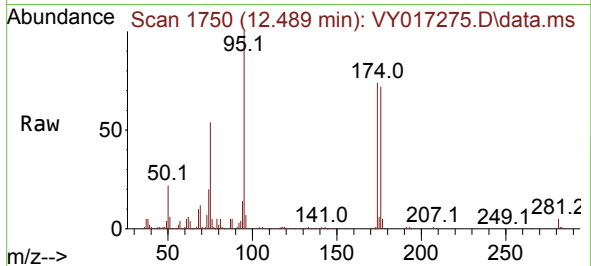




#81
trans-1,4-Dichloro-2-butene
Concen: 125.569 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY017275.D
Acq: 06 Feb 2024 19:22

Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

Tgt Ion: 75 Resp: 24594
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.1 36.5 54.7#



#95
Naphthalene
Concen: 11.862 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY017275.D
Acq: 06 Feb 2024 19:22

Tgt Ion:128 Resp: 10625
Ion Ratio Lower Upper
128 100
127 14.2 10.2 15.4
129 10.8 8.6 12.8

