

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017202.D
 Acq On : 02 Feb 2024 23:46
 Operator : SY/MD
 Sample : P1313-02
 Misc : 3.71g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2

Quant Time: Feb 03 01:43:24 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)

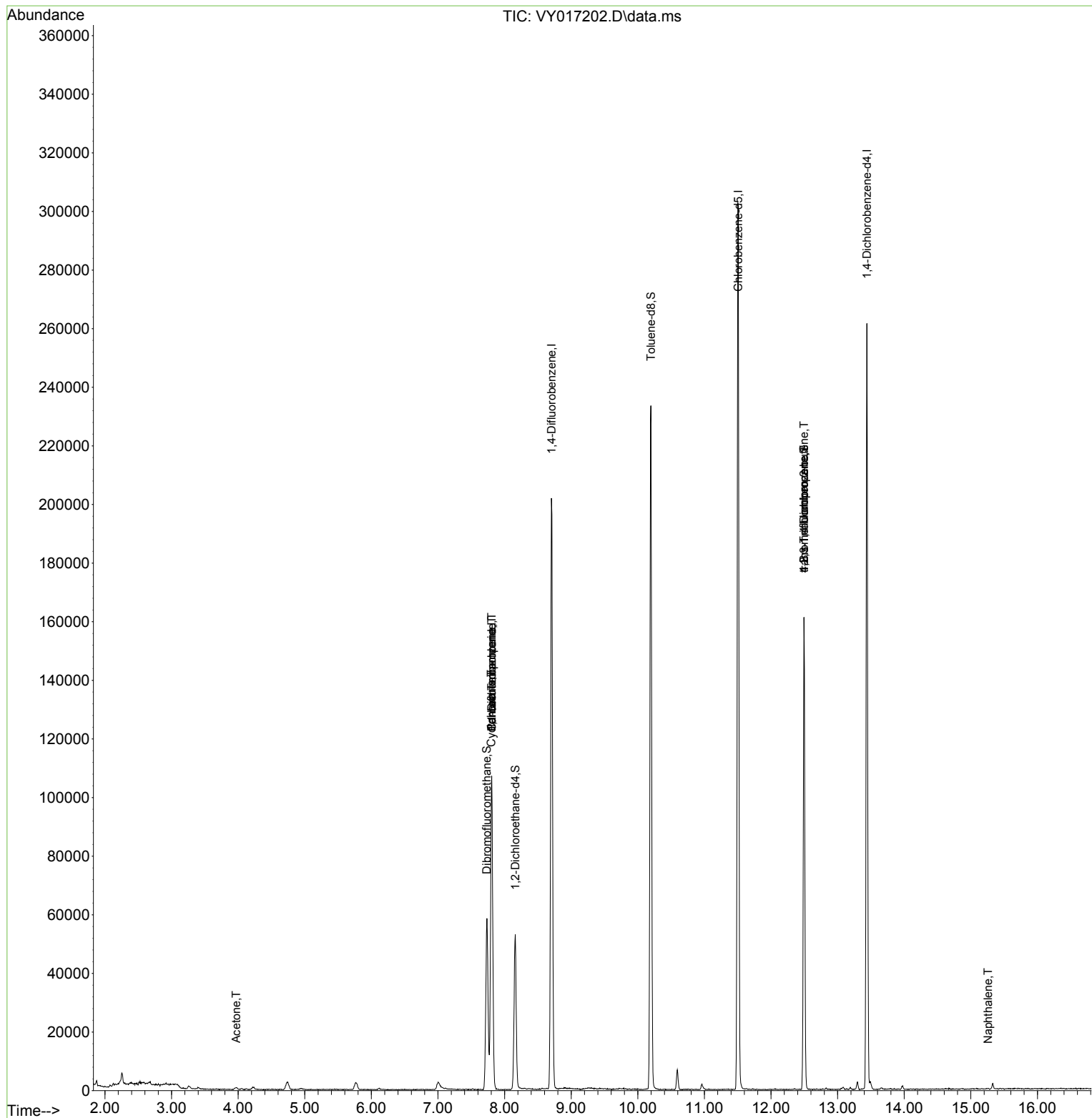
Internal Standards						
1) Pentafluorobenzene	7.807	168	82132	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	174637	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	172081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	64447	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	39742	54.165	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.340%	
35) Dibromofluoromethane	7.734	113	41727	44.253	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 88.500%	
50) Toluene-d8	10.197	98	153711	44.773	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 89.540%	
62) 4-Bromofluorobenzene	12.495	95	49204	43.751	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 87.500%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	292	Below Cal	#	75
16) Acetone	3.972	43	1158	5.370	ug/l	97
20) Methylene Chloride	4.741	84	2119	Below Cal	#	89
31) Cyclohexane	7.801	56	1929	1.304	ug/l	# 1
36) 1,1-Dichloropropene	7.807	75	6969	4.285	ug/l	# 49
38) Carbon Tetrachloride	7.807	117	8042	5.164	ug/l	# 17
76) 1,2,3-Trichloropropane	12.495	75	25829	43.422	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.495	75	25829	90.225	ug/l	# 12
95) Naphthalene	15.257	128	409	3.646	ug/l	# 69

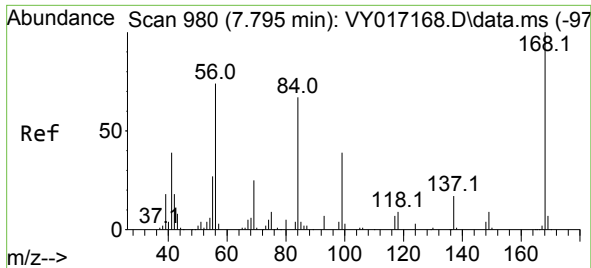
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
Data File : VY017202.D
Acq On : 02 Feb 2024 23:46
Operator : SY/MD
Sample : P1313-02
Misc : 3.71g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

Quant Time: Feb 03 01:43:24 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

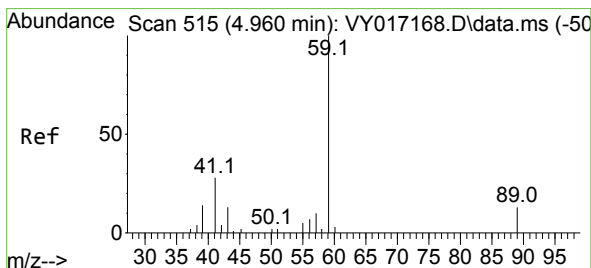
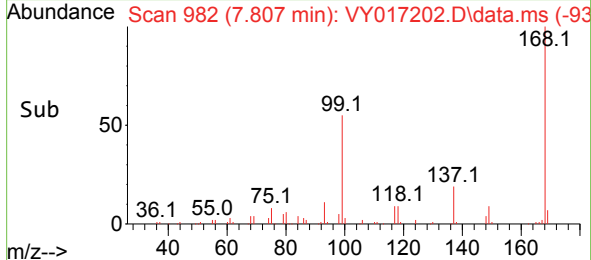
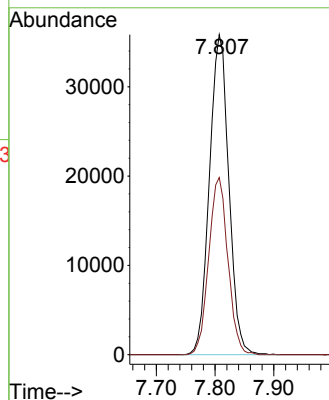
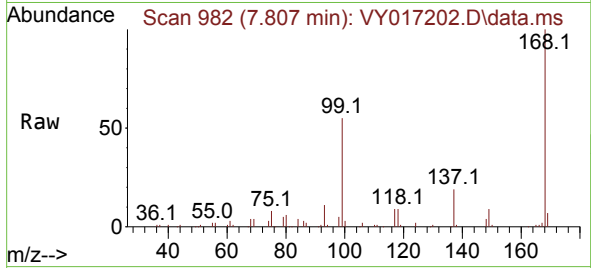




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017202.D
Acq: 02 Feb 2024 23:46

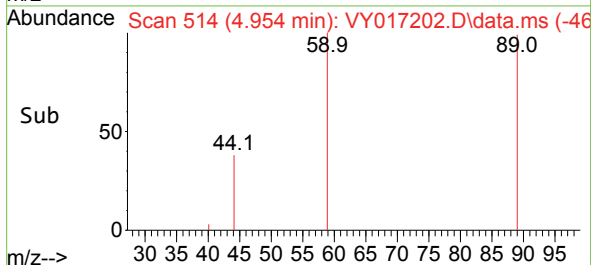
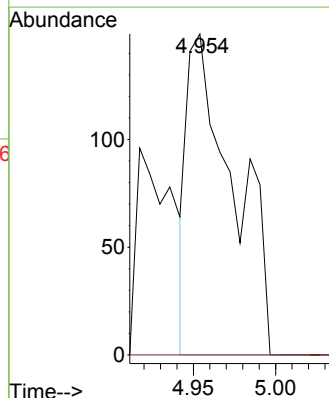
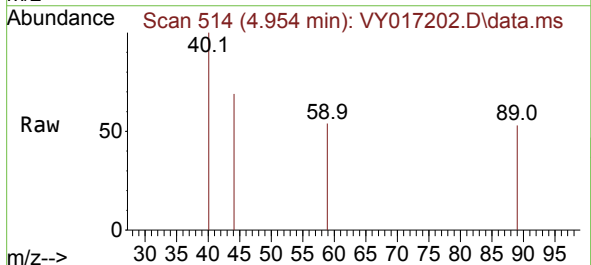
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

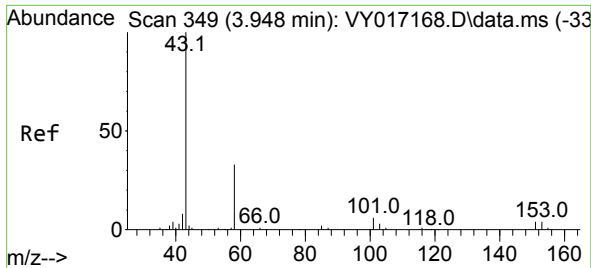
Tgt Ion:168 Resp: 82132
Ion Ratio Lower Upper
168 100
99 55.3 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY017202.D
Acq: 02 Feb 2024 23:46

Tgt Ion: 59 Resp: 292
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: 5.370 ug/l

RT: 3.972 min Scan# 3

Delta R.T. 0.025 min

Lab File: VY017202.D

Acq: 02 Feb 2024 23:46

Instrument :

MSVOA_Y

ClientSampleId :

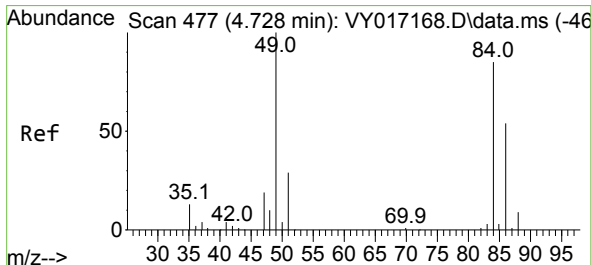
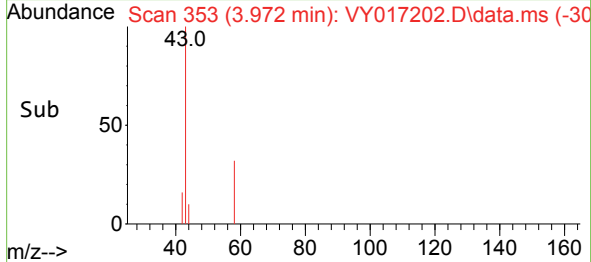
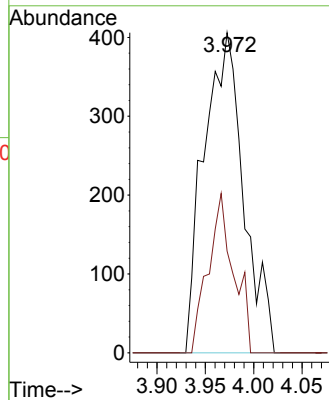
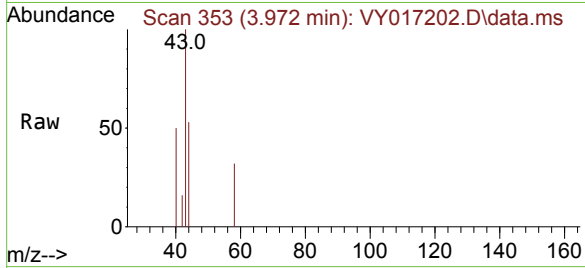
COMP-2

Tgt Ion: 43 Resp: 1158

Ion Ratio Lower Upper

43 100

58 31.8 26.6 39.8



#20

Methylene Chloride

Concen: Below Cal

RT: 4.741 min Scan# 479

Delta R.T. 0.013 min

Lab File: VY017202.D

Acq: 02 Feb 2024 23:46

Tgt Ion: 84 Resp: 2119

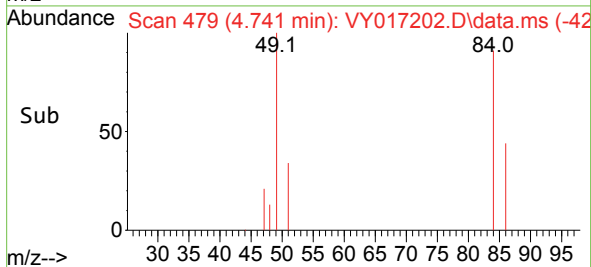
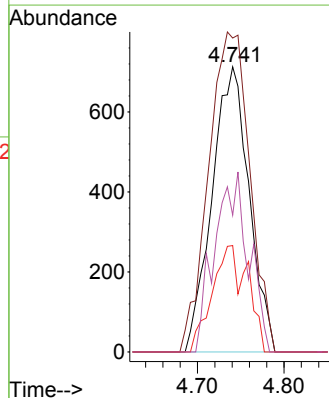
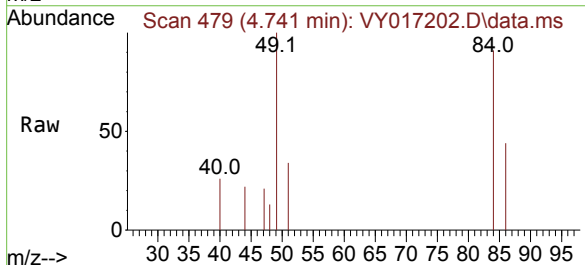
Ion Ratio Lower Upper

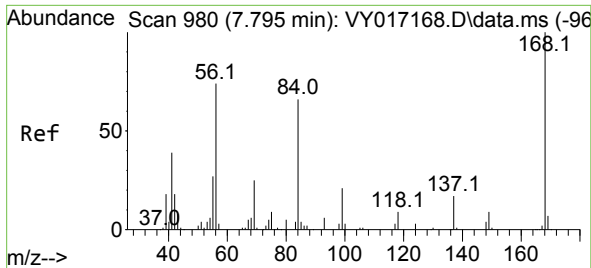
84 100

49 110.1 95.2 142.8

51 37.3 29.9 44.9

86 48.0 52.2 78.4#

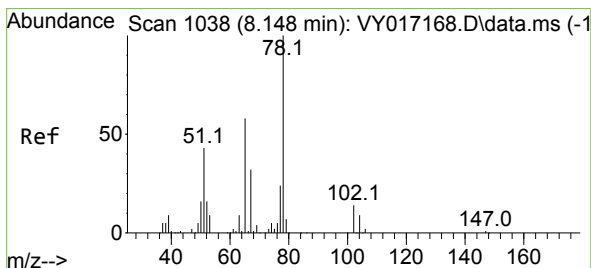
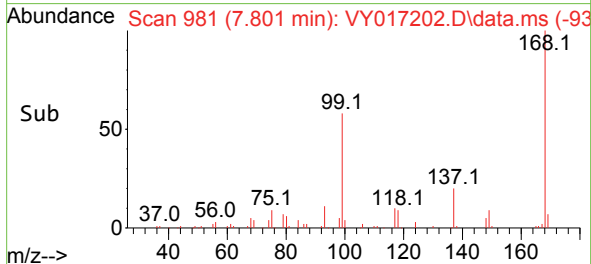
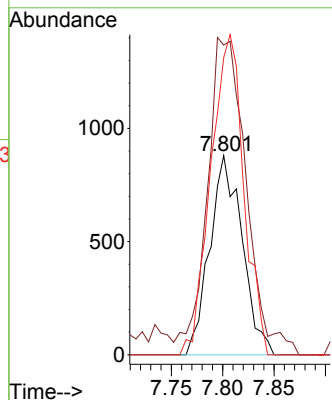
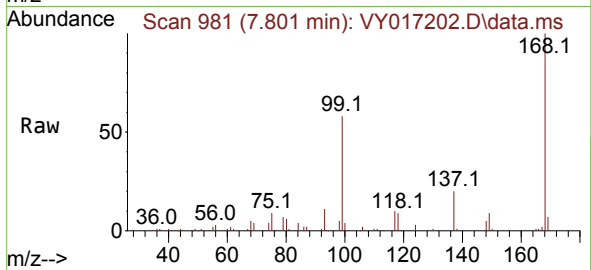




#31
Cyclohexane
Concen: 1.304 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017202.D
Acq: 02 Feb 2024 23:46

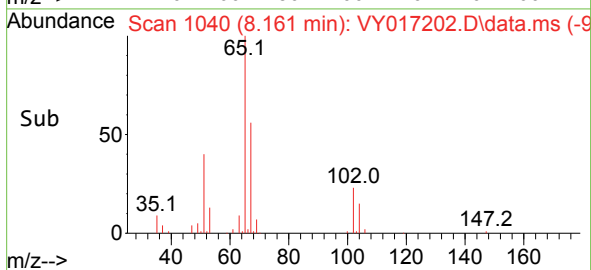
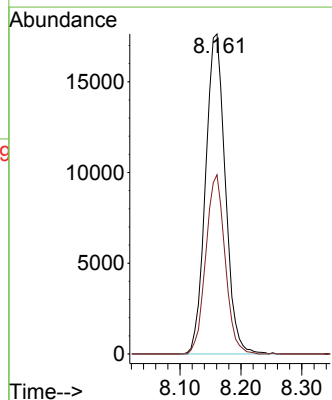
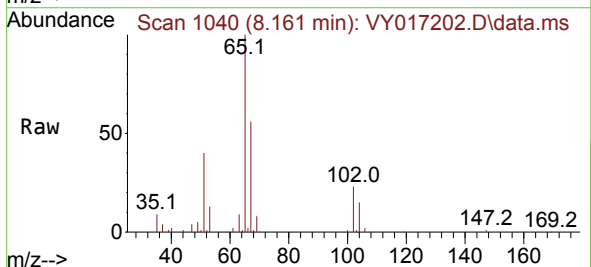
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

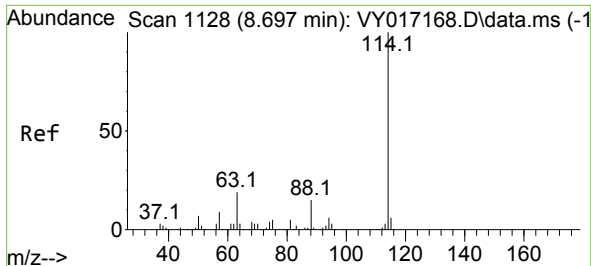
Tgt Ion: 56 Resp: 1929
Ion Ratio Lower Upper
56 100
69 144.2 27.0 40.6#
84 149.3 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 54.165 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.012 min
Lab File: VY017202.D
Acq: 02 Feb 2024 23:46

Tgt Ion: 65 Resp: 39742
Ion Ratio Lower Upper
65 100
67 54.6 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017202.D

Acq: 02 Feb 2024 23:46

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2

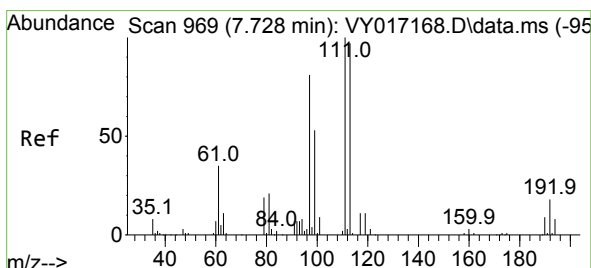
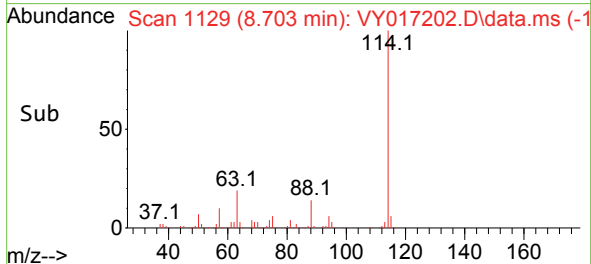
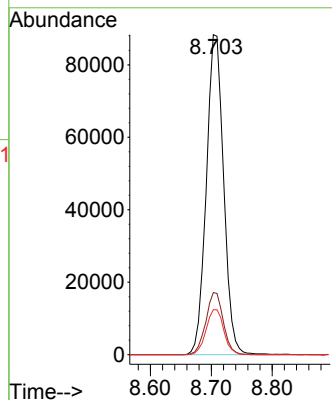
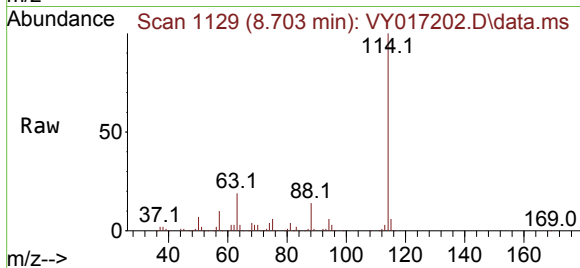
Tgt Ion:114 Resp: 174637

Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.4

88 14.1 0.0 29.0



#35

Dibromofluoromethane

Concen: 44.253 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY017202.D

Acq: 02 Feb 2024 23:46

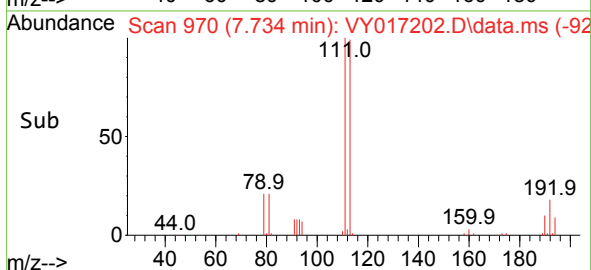
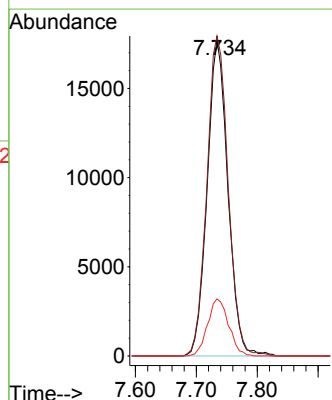
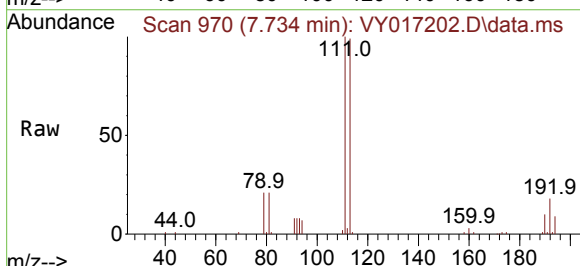
Tgt Ion:113 Resp: 41727

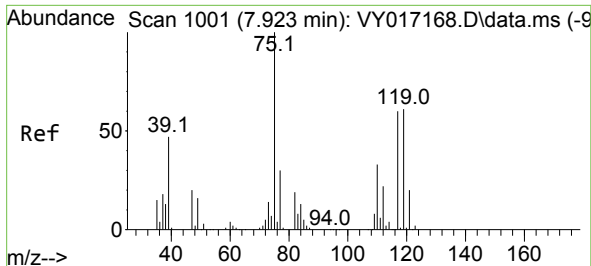
Ion Ratio Lower Upper

113 100

111 104.4 83.8 125.6

192 18.4 14.5 21.7

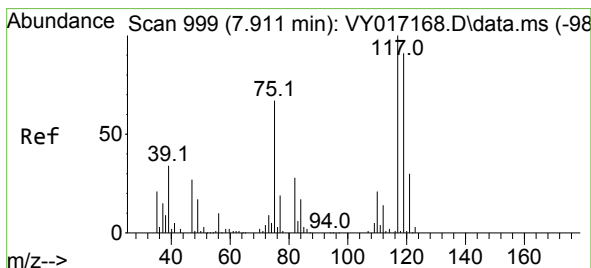
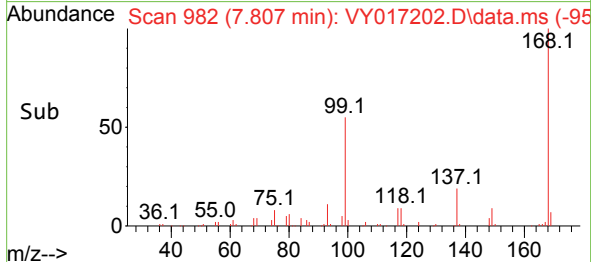
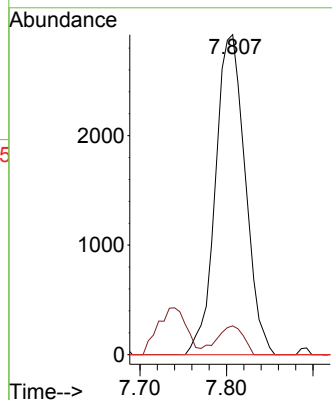
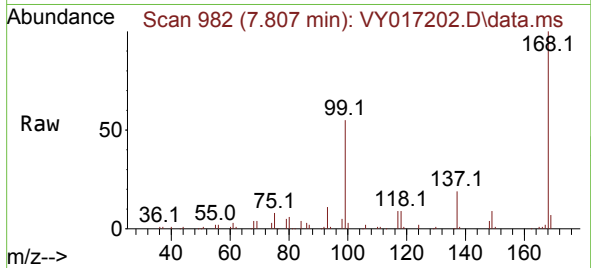




#36
1,1-Dichloropropene
Concen: 4.285 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY017202.D
Acq: 02 Feb 2024 23:46

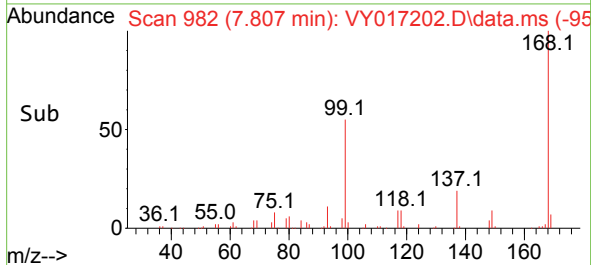
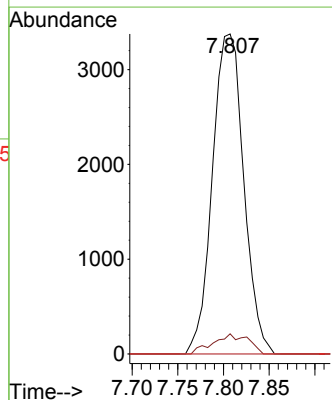
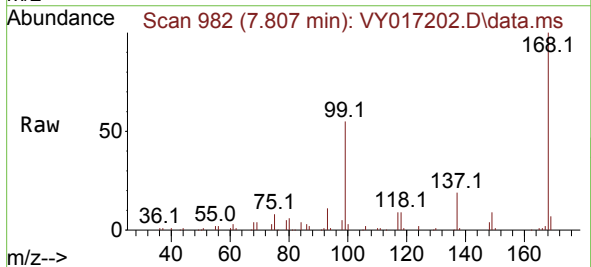
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

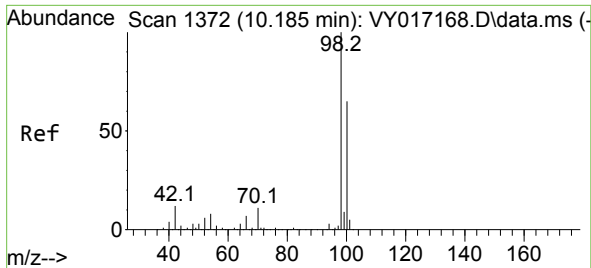
Tgt Ion: 75 Resp: 6969
Ion Ratio Lower Upper
75 100
110 8.0 17.4 52.3#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.164 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.103 min
Lab File: VY017202.D
Acq: 02 Feb 2024 23:46

Tgt Ion: 117 Resp: 8042
Ion Ratio Lower Upper
117 100
119 6.3 76.0 114.0#
121 0.0 24.2 36.2#

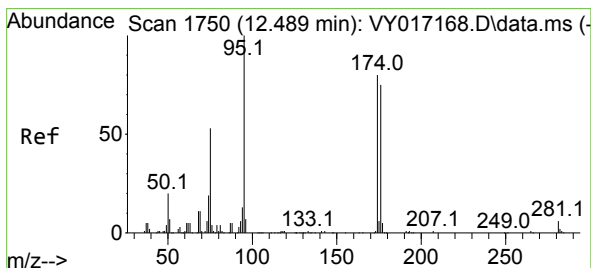
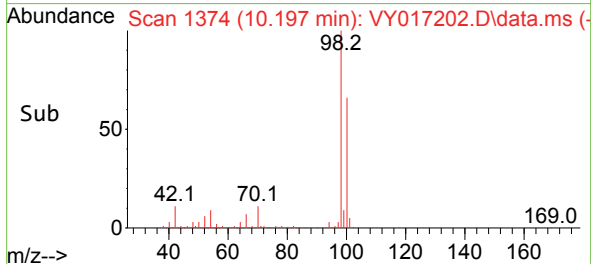
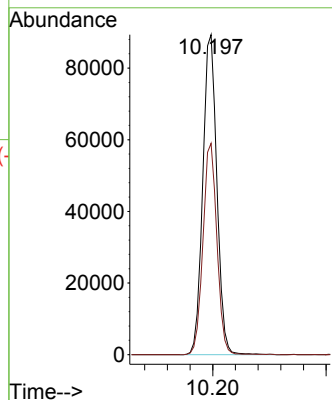
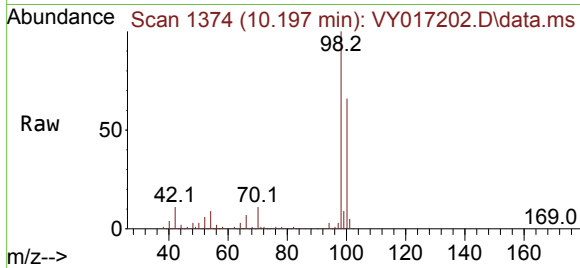




#50
Toluene-d8
Concen: 44.773 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017202.D
Acq: 02 Feb 2024 23:46

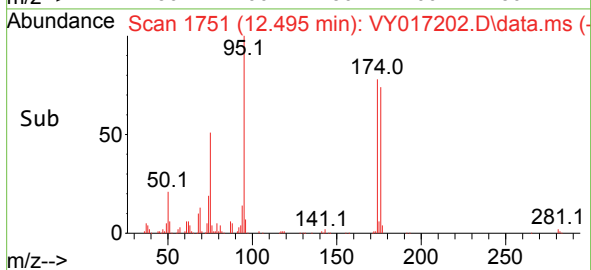
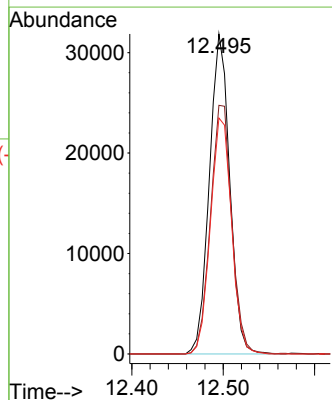
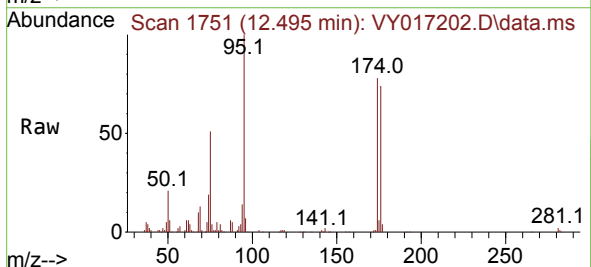
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

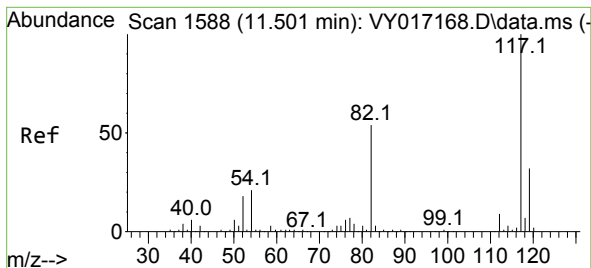
Tgt Ion: 98 Resp: 153711
Ion Ratio Lower Upper
98 100
100 65.5 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 43.751 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017202.D
Acq: 02 Feb 2024 23:46

Tgt Ion: 95 Resp: 49204
Ion Ratio Lower Upper
95 100
174 81.8 0.0 160.0
176 76.6 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017202.D

Acq: 02 Feb 2024 23:46

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2

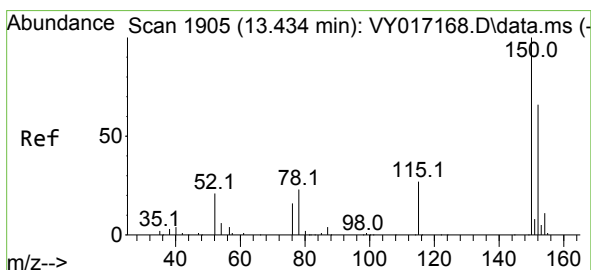
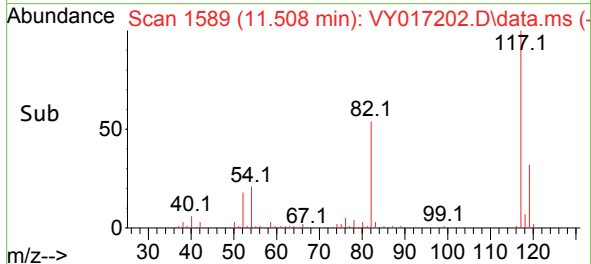
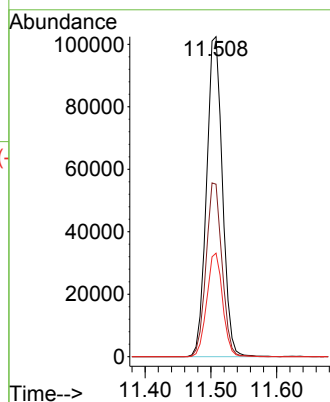
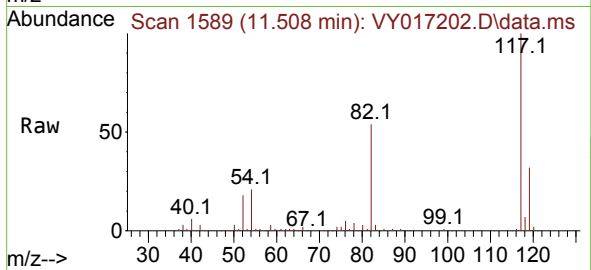
Tgt Ion:117 Resp: 172081

Ion Ratio Lower Upper

117 100

82 53.9 43.8 65.8

119 32.3 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY017202.D

Acq: 02 Feb 2024 23:46

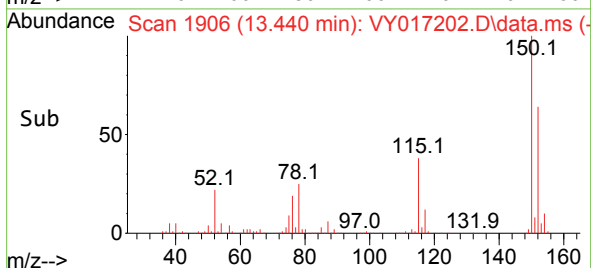
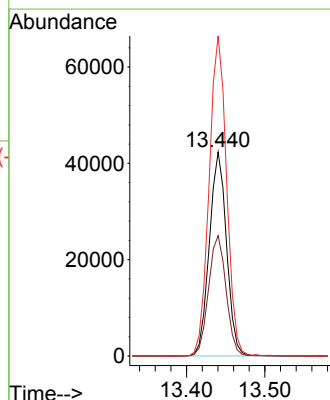
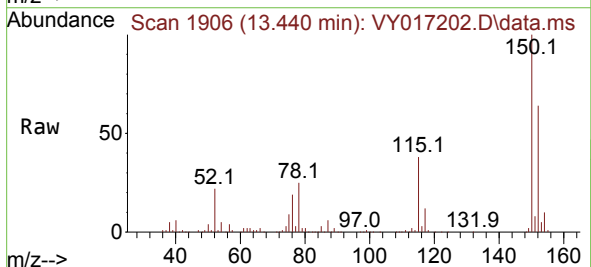
Tgt Ion:152 Resp: 64447

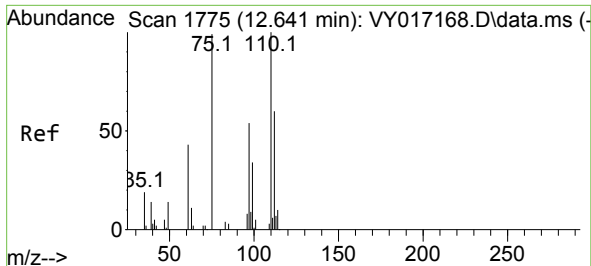
Ion Ratio Lower Upper

152 100

115 60.2 30.0 90.0

150 159.4 0.0 344.6

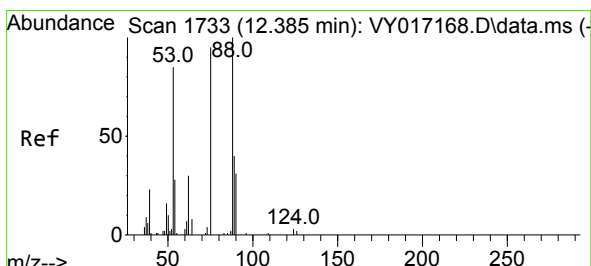
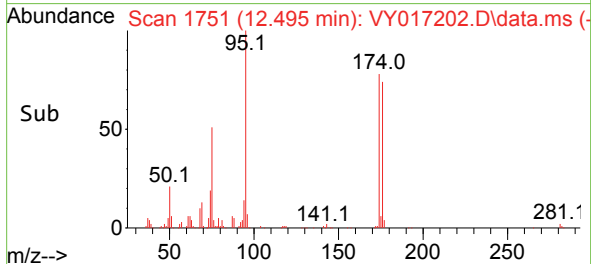
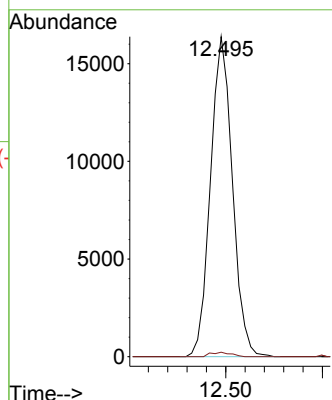
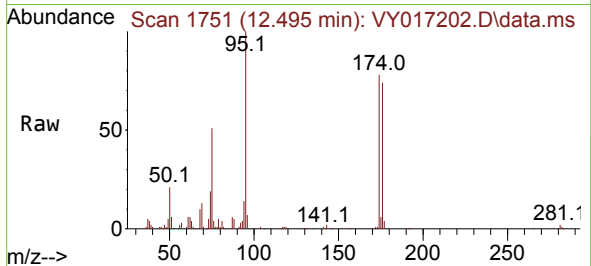




#76
1,2,3-Trichloropropane
Concen: 43.422 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.146 min
Lab File: VY017202.D
Acq: 02 Feb 2024 23:46

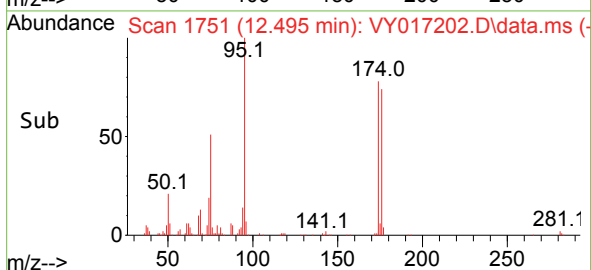
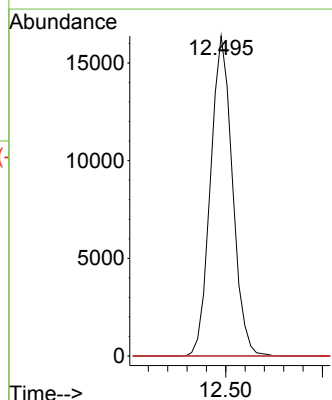
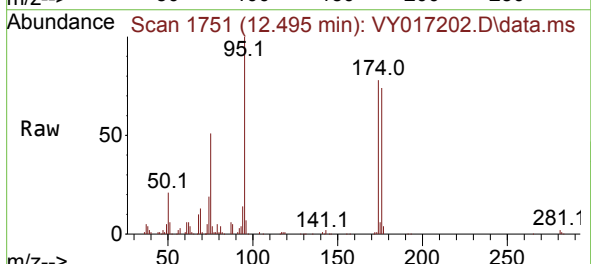
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

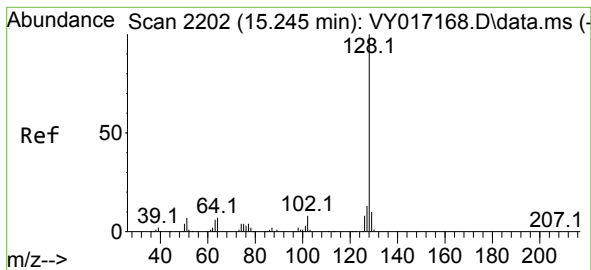
Tgt Ion: 75 Resp: 25829
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.225 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.110 min
Lab File: VY017202.D
Acq: 02 Feb 2024 23:46

Tgt Ion: 75 Resp: 25829
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#





#95

Naphthalene

Concen: 3.646 ug/l

RT: 15.257 min Scan# 21

Delta R.T. 0.012 min

Lab File: VY017202.D

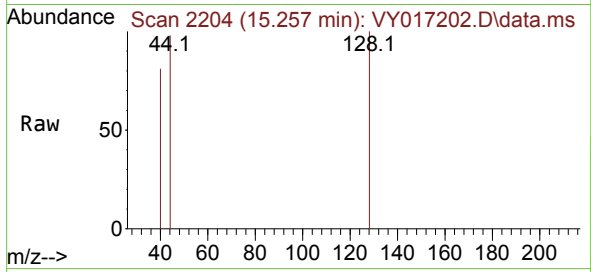
Acq: 02 Feb 2024 23:46

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2



Tgt Ion:128 Resp: 409

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.4#

129 0.0 8.6 12.8#

