

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017206.D
 Acq On : 03 Feb 2024 01:21
 Operator : SY/MD
 Sample : P1316-02
 Misc : 4.83g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2

Quant Time: Feb 03 01:44:48 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)

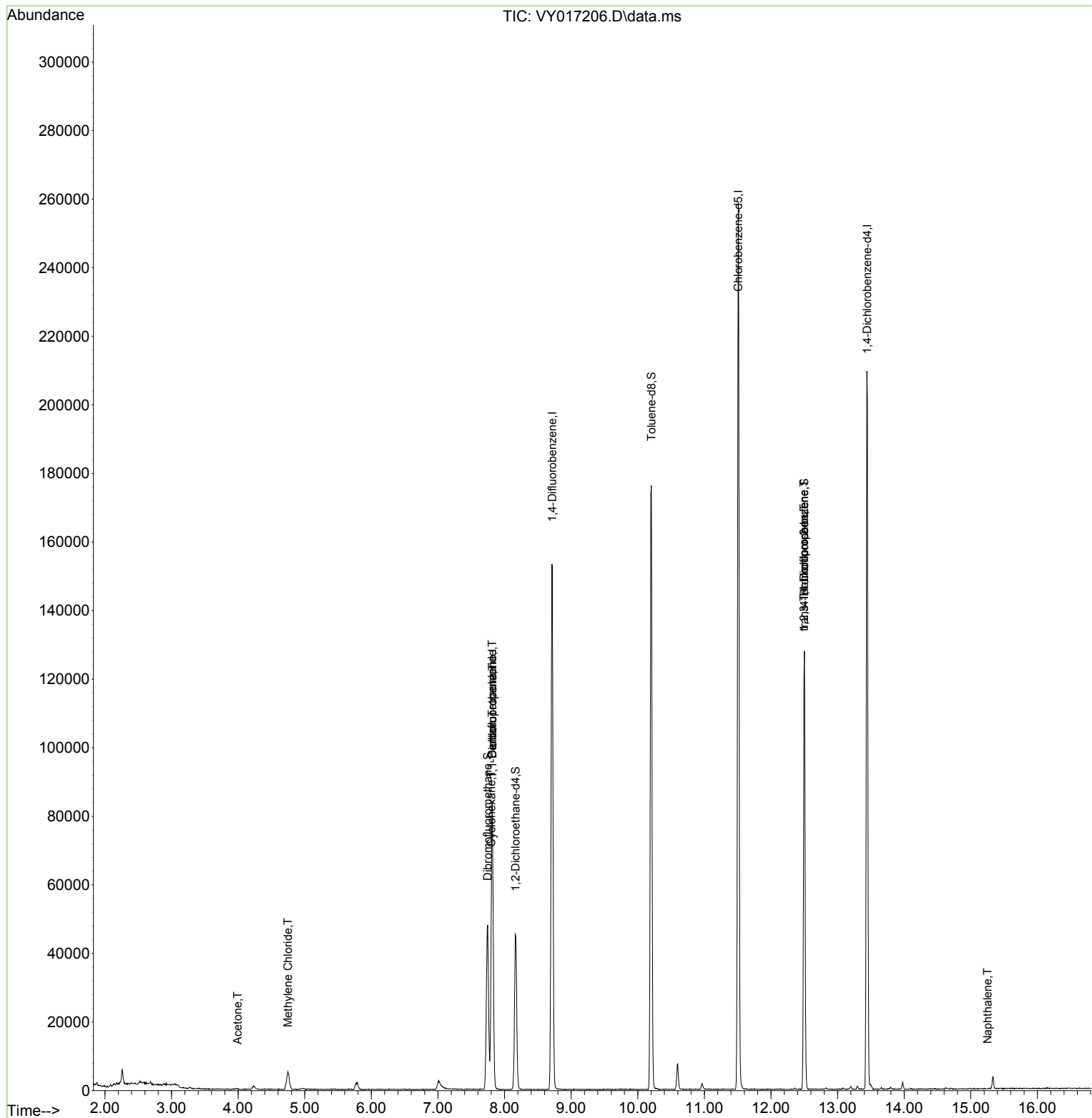
Internal Standards						
1) Pentafluorobenzene	7.813	168	63023	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	134259	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.508	117	140315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.447	152	53509	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	35507	63.067	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.140%	
35) Dibromofluoromethane	7.746	113	35153	48.493	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.980%	
50) Toluene-d8	10.203	98	119292	45.198	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	= 90.400%	
62) 4-Bromofluorobenzene	12.502	95	39579	45.777	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 91.560%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	270	Below Cal	#	75
16) Acetone	3.991	43	363	2.194	ug/l #	41
20) Methylene Chloride	4.747	84	3827	2.305	ug/l #	88
31) Cyclohexane	7.801	56	1292	1.139	ug/l #	11
36) 1,1-Dichloropropene	7.820	75	5404	4.322	ug/l #	47
38) Carbon Tetrachloride	7.813	117	6499	5.428	ug/l #	17
76) 1,2,3-Trichloropropane	12.496	75	20755	42.024	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.496	75	20755	87.321	ug/l #	12
95) Naphthalene	15.251	128	139	3.514	ug/l #	69

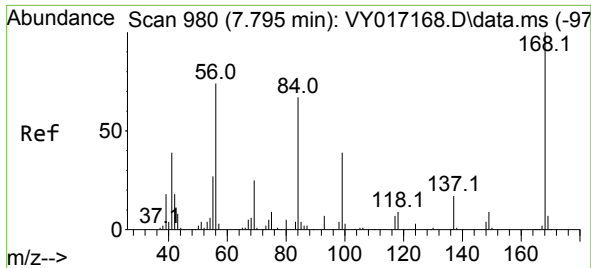
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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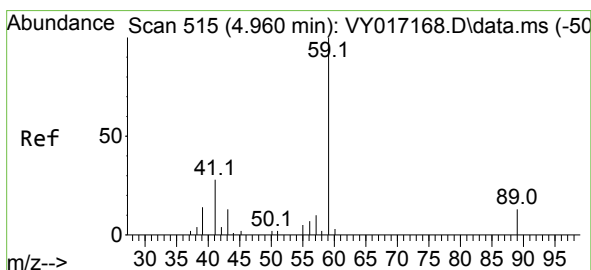
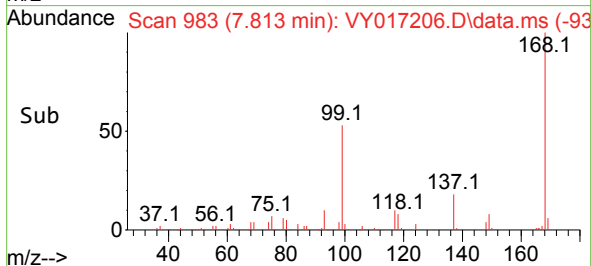
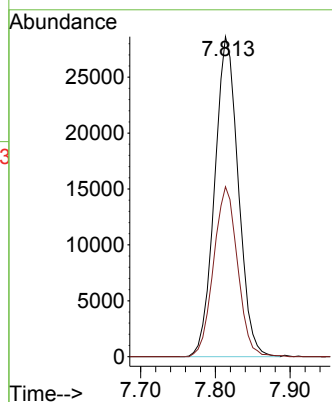
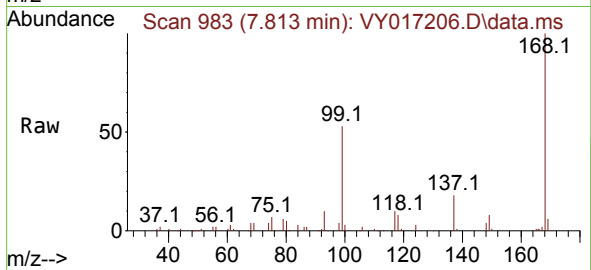




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017206.D
Acq: 03 Feb 2024 01:21

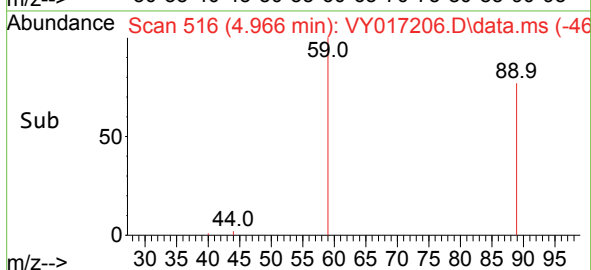
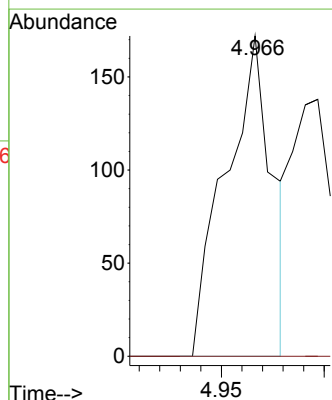
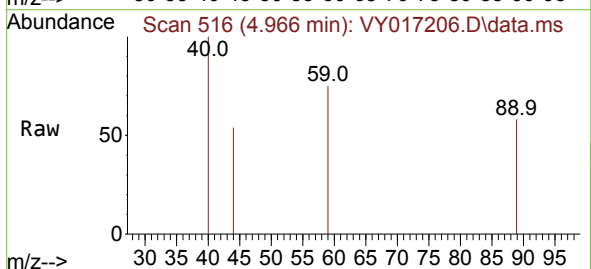
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

Tgt Ion:168 Resp: 63023
Ion Ratio Lower Upper
168 100
99 53.1 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.966 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY017206.D
Acq: 03 Feb 2024 01:21

Tgt Ion: 59 Resp: 270
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: 2.194 ug/l

RT: 3.991 min Scan# 3

Delta R.T. 0.043 min

Lab File: VY017206.D

Acq: 03 Feb 2024 01:21

Instrument :

MSVOA_Y

ClientSampleId :

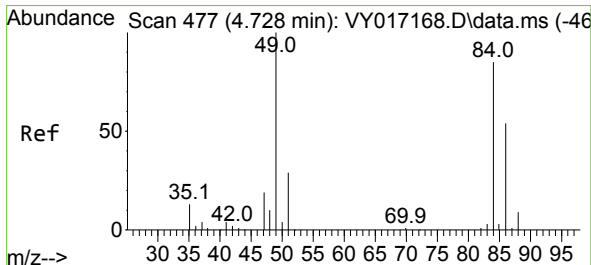
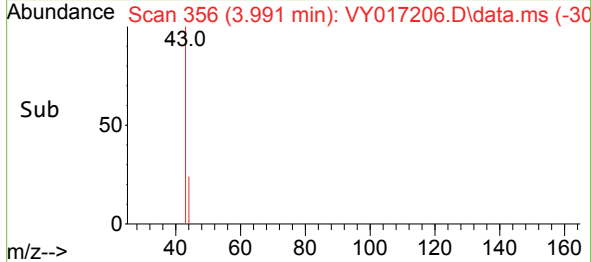
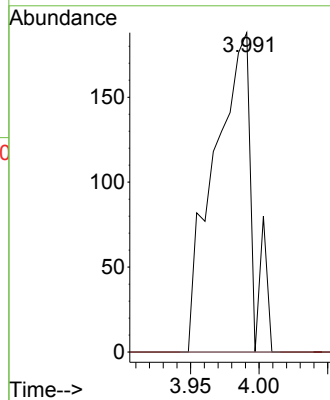
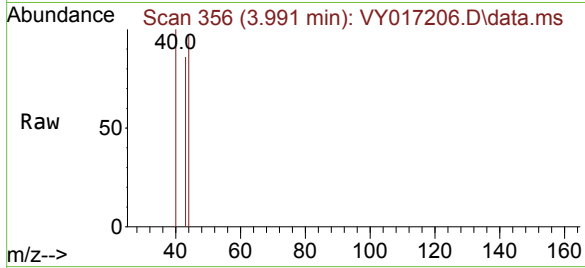
COMP-2

Tgt Ion: 43 Resp: 363

Ion Ratio Lower Upper

43 100

58 0.0 26.6 39.8#



#20

Methylene Chloride

Concen: 2.305 ug/l

RT: 4.747 min Scan# 480

Delta R.T. 0.019 min

Lab File: VY017206.D

Acq: 03 Feb 2024 01:21

Tgt Ion: 84 Resp: 3827

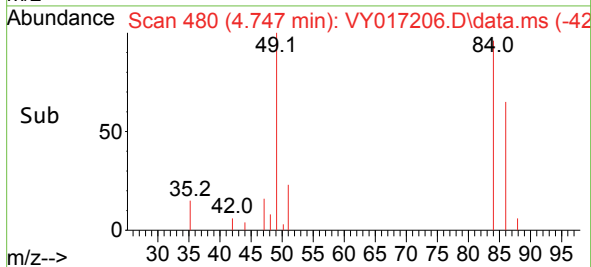
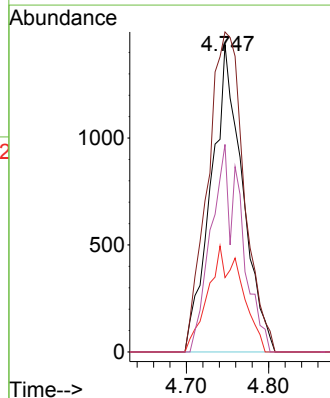
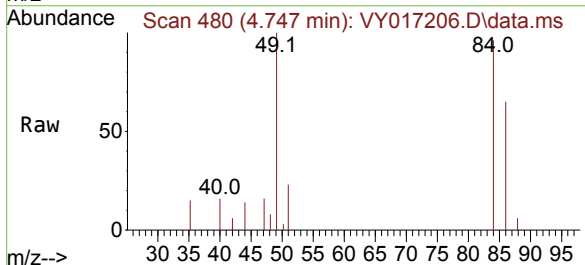
Ion Ratio Lower Upper

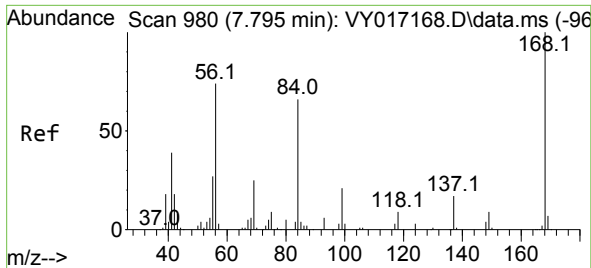
84 100

49 104.0 95.2 142.8

51 24.2 29.9 44.9#

86 67.5 52.2 78.4

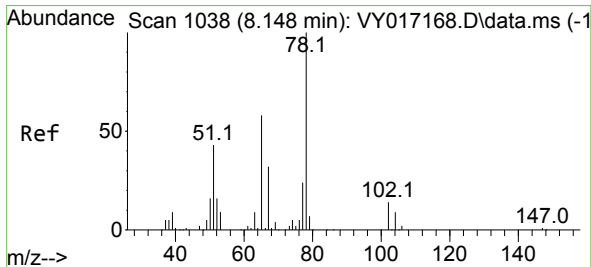
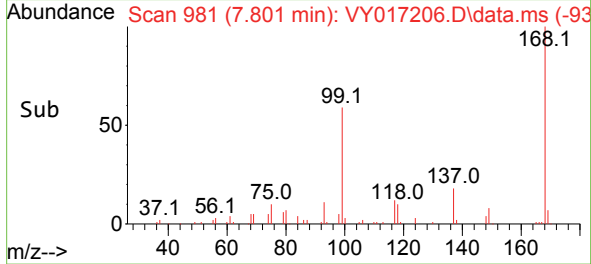
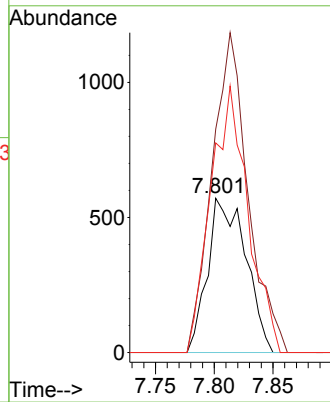
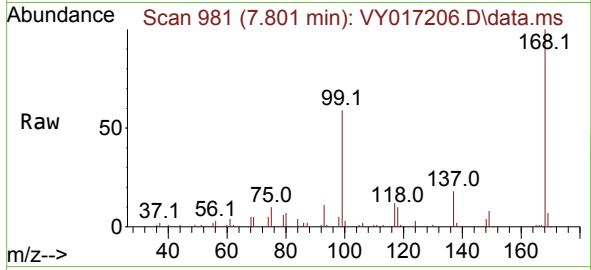




#31
Cyclohexane
Concen: 1.139 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY017206.D
Acq: 03 Feb 2024 01:21

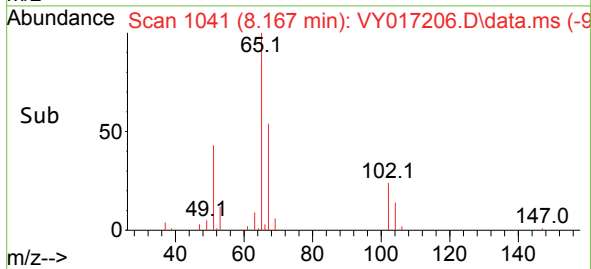
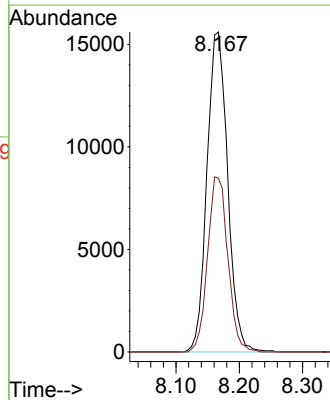
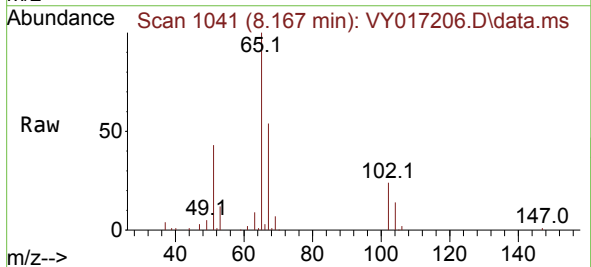
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

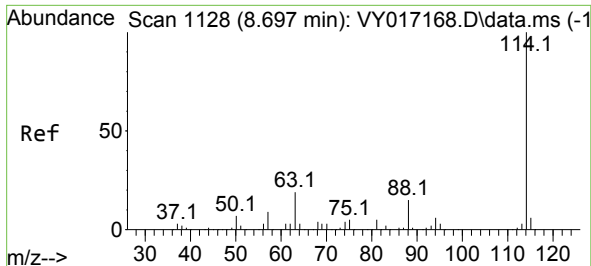
Tgt Ion: 56 Resp: 1292
Ion Ratio Lower Upper
56 100
69 144.8 27.0 40.6#
84 135.9 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 63.067 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.019 min
Lab File: VY017206.D
Acq: 03 Feb 2024 01:21

Tgt Ion: 65 Resp: 35507
Ion Ratio Lower Upper
65 100
67 53.7 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1128

Delta R.T. 0.019 min

Lab File: VY017206.D

Acq: 03 Feb 2024 01:21

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2

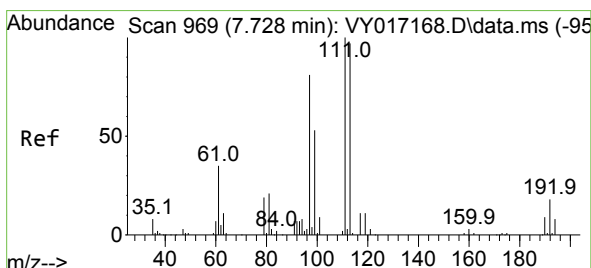
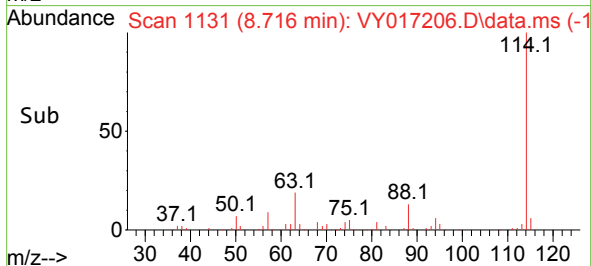
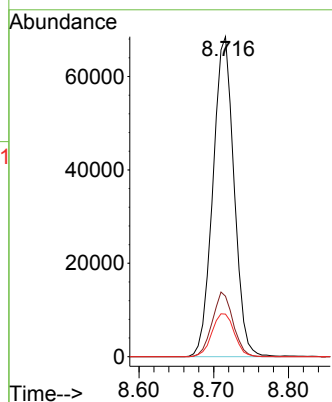
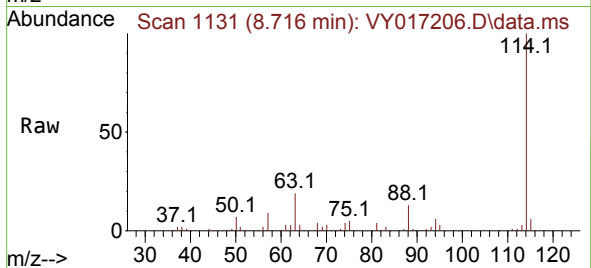
Tgt Ion:114 Resp: 134259

Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.4

88 13.3 0.0 29.0



#35

Dibromofluoromethane

Concen: 48.493 ug/l

RT: 7.746 min Scan# 972

Delta R.T. 0.019 min

Lab File: VY017206.D

Acq: 03 Feb 2024 01:21

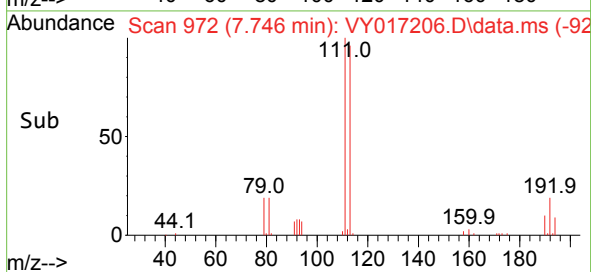
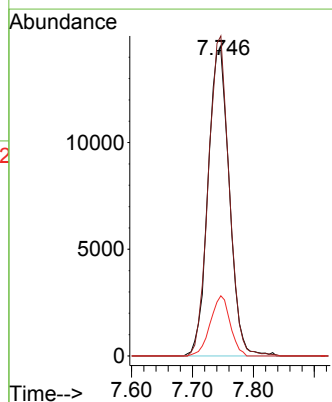
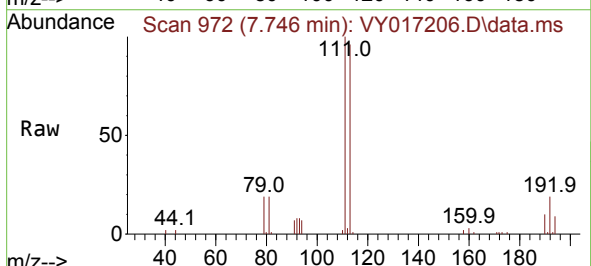
Tgt Ion:113 Resp: 35153

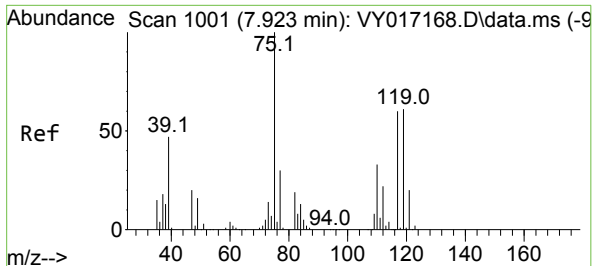
Ion Ratio Lower Upper

113 100

111 101.1 83.8 125.6

192 18.2 14.5 21.7

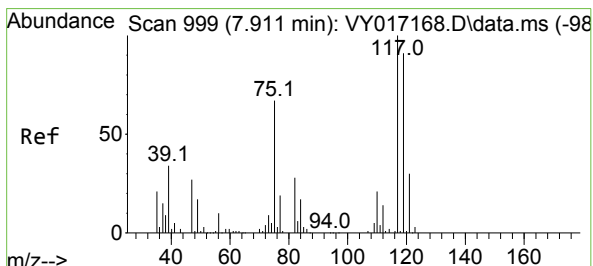
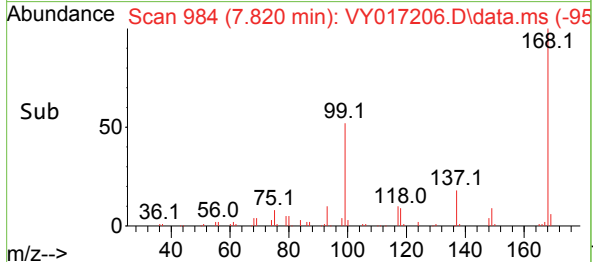
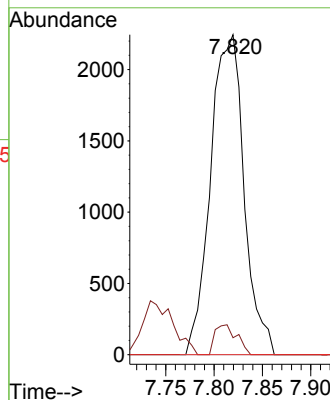
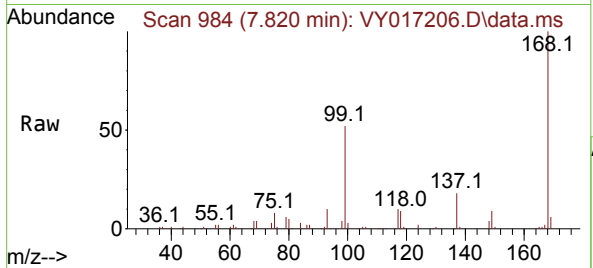




#36
1,1-Dichloropropene
Concen: 4.322 ug/l
RT: 7.820 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY017206.D
Acq: 03 Feb 2024 01:21

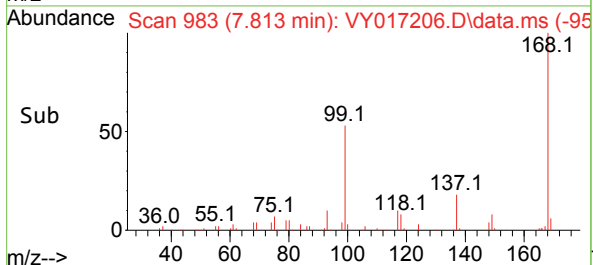
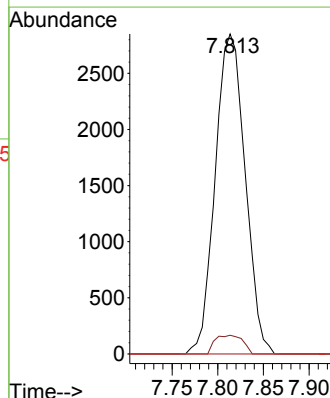
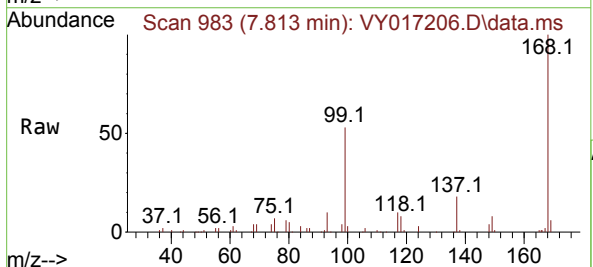
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

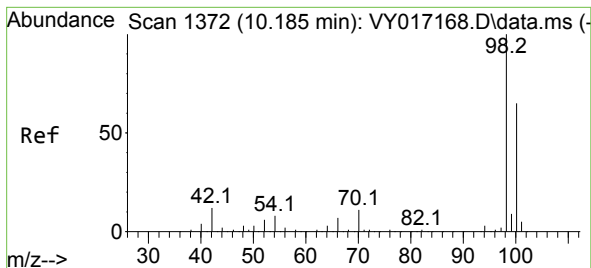
Tgt Ion: 75 Resp: 5404
Ion Ratio Lower Upper
75 100
110 6.1 17.4 52.3#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.428 ug/l
RT: 7.813 min Scan# 983
Delta R.T. -0.097 min
Lab File: VY017206.D
Acq: 03 Feb 2024 01:21

Tgt Ion: 117 Resp: 6499
Ion Ratio Lower Upper
117 100
119 5.8 76.0 114.0#
121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 45.198 ug/l

RT: 10.203 min Scan# 11

Delta R.T. 0.019 min

Lab File: VY017206.D

Acq: 03 Feb 2024 01:21

Instrument :

MSVOA_Y

ClientSampleId :

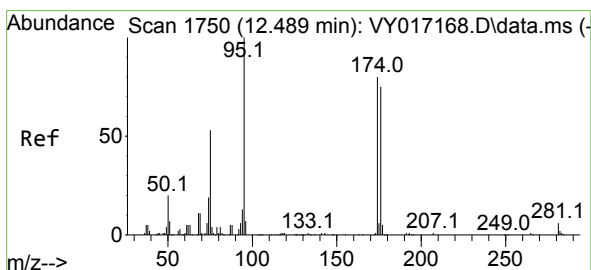
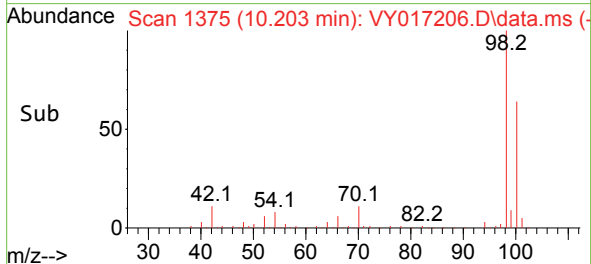
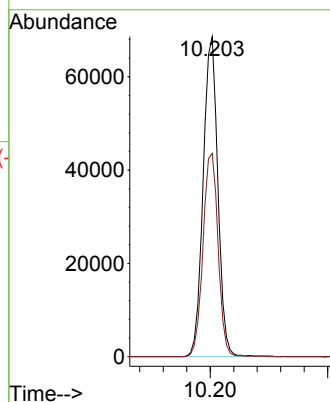
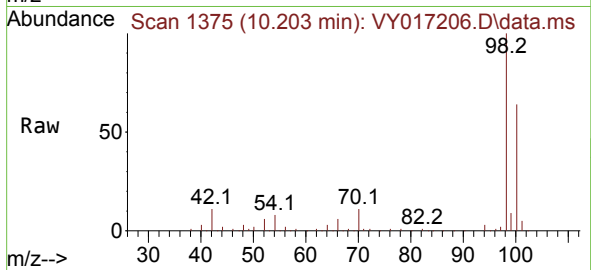
COMP-2

Tgt Ion: 98 Resp: 119292

Ion Ratio Lower Upper

98 100

100 65.2 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 45.777 ug/l

RT: 12.502 min Scan# 1752

Delta R.T. 0.013 min

Lab File: VY017206.D

Acq: 03 Feb 2024 01:21

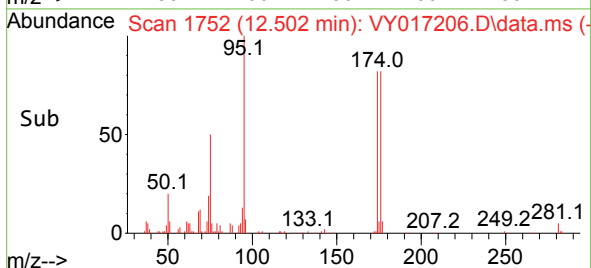
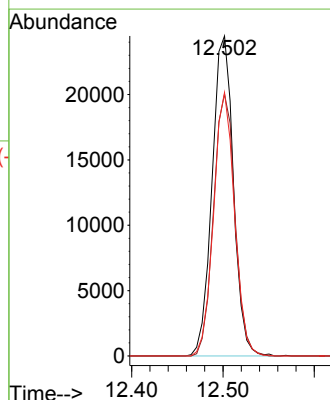
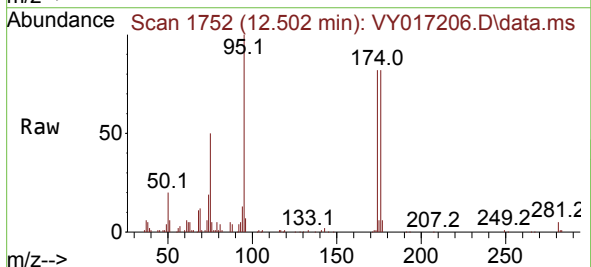
Tgt Ion: 95 Resp: 39579

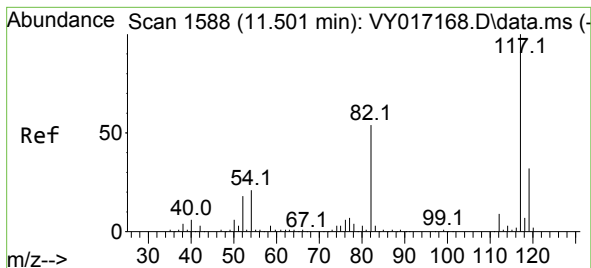
Ion Ratio Lower Upper

95 100

174 82.5 0.0 160.0

176 81.0 0.0 151.8

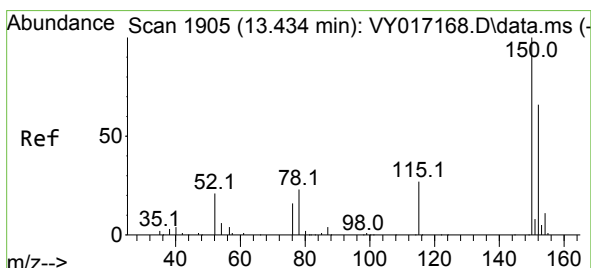
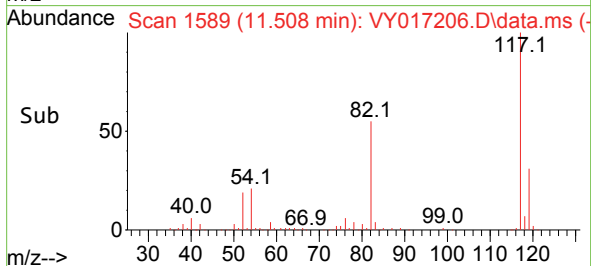
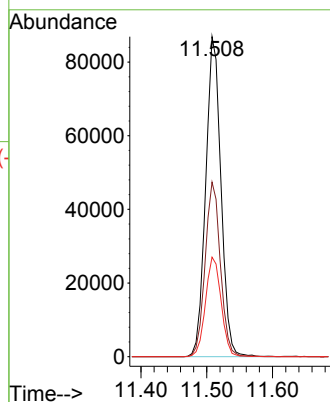
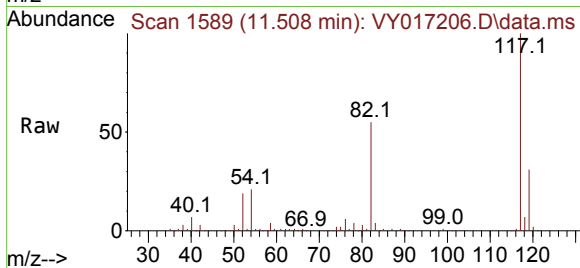




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY017206.D
Acq: 03 Feb 2024 01:21

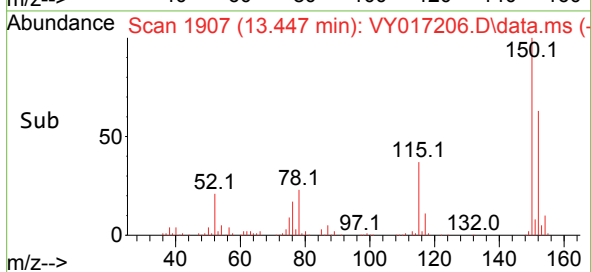
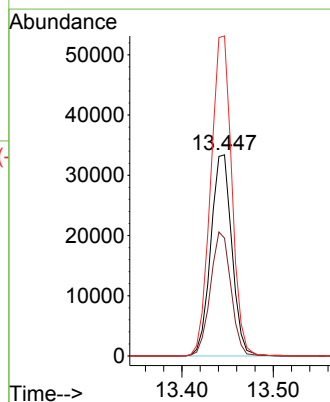
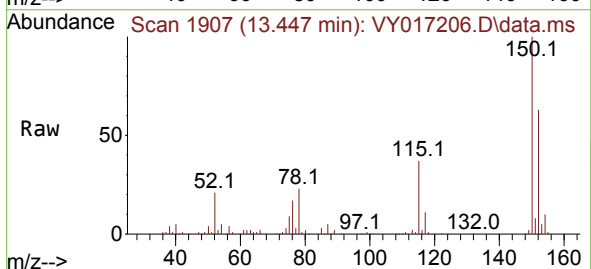
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

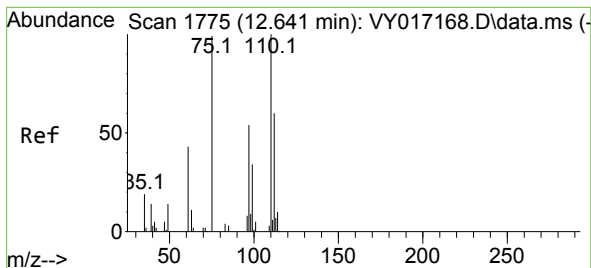
Tgt Ion:117 Resp: 140315
Ion Ratio Lower Upper
117 100
82 54.5 43.8 65.8
119 31.1 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.013 min
Lab File: VY017206.D
Acq: 03 Feb 2024 01:21

Tgt Ion:152 Resp: 53509
Ion Ratio Lower Upper
152 100
115 60.0 30.0 90.0
150 158.9 0.0 344.6

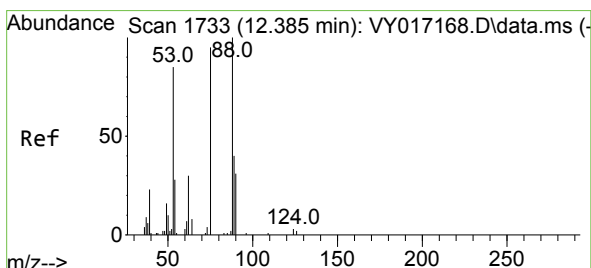
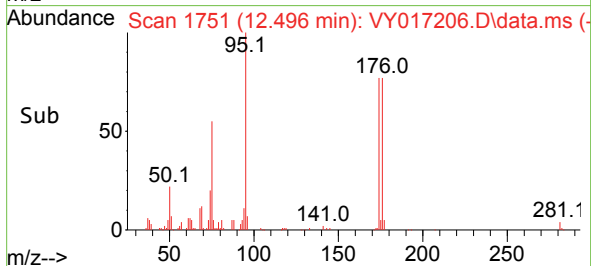
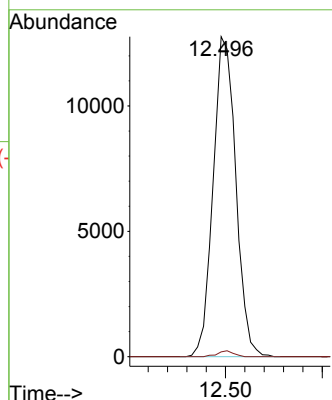
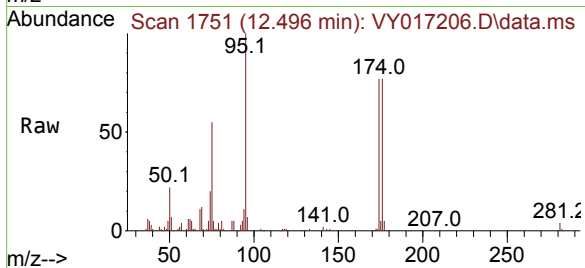




#76
1,2,3-Trichloropropane
Concen: 42.024 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. -0.146 min
Lab File: VY017206.D
Acq: 03 Feb 2024 01:21

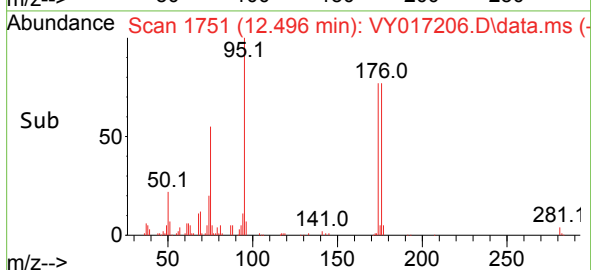
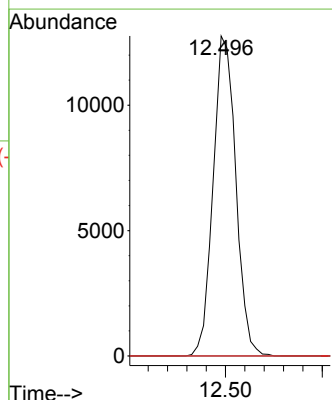
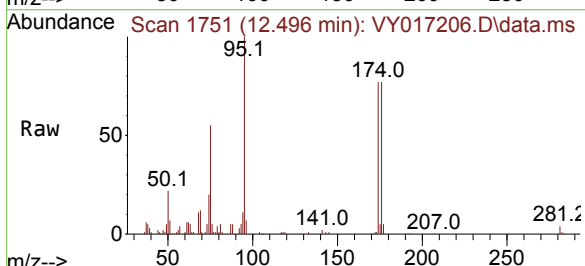
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

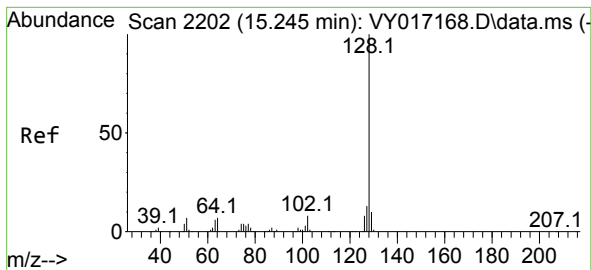
Tgt Ion: 75 Resp: 20755
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.321 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.110 min
Lab File: VY017206.D
Acq: 03 Feb 2024 01:21

Tgt Ion: 75 Resp: 20755
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#





#95

Naphthalene

Concen: 3.514 ug/l

RT: 15.251 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY017206.D

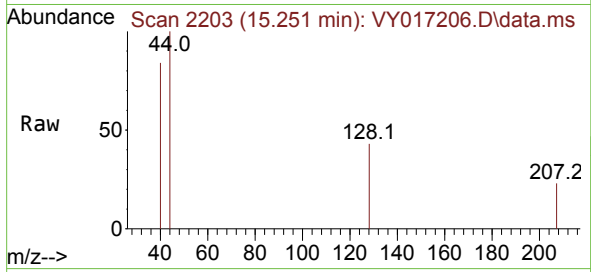
Acq: 03 Feb 2024 01:21

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2



Tgt Ion:128 Resp: 139

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.4#

129 0.0 8.6 12.8#

