

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017204.D
 Acq On : 03 Feb 2024 00:33
 Operator : SY/MD
 Sample : P1313-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

Quant Time: Feb 03 01:44:07 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)

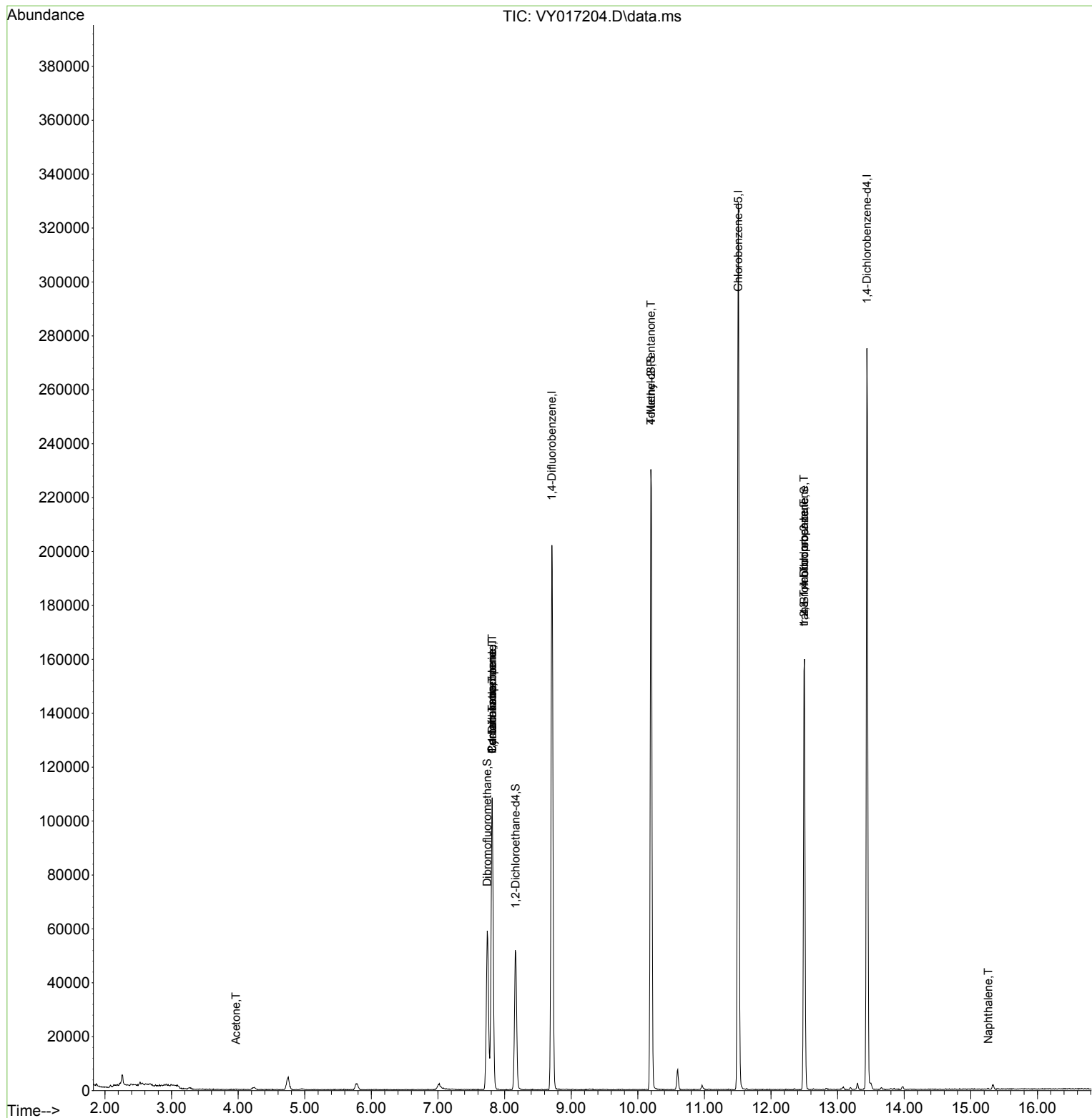
Internal Standards						
1) Pentafluorobenzene	7.813	168	81345	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.709	114	174888	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	176582	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	67903	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	40330	55.499	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.000%
35) Dibromofluoromethane	7.740	113	42892	45.423	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.840%
50) Toluene-d8	10.197	98	153837	44.745	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.500%
62) 4-Bromofluorobenzene	12.501	95	50550	44.884	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.760%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	286	Below Cal	#	75
16) Acetone	3.966	43	295	1.381	ug/l #	41
31) Cyclohexane	7.813	56	2063	1.408	ug/l #	1
36) 1,1-Dichloropropene	7.813	75	6970	4.279	ug/l #	48
38) Carbon Tetrachloride	7.813	117	8057	5.166	ug/l #	18
51) 4-Methyl-2-Pentanone	10.197	43	738	1.029	ug/l #	1
76) 1,2,3-Trichloropropane	12.495	75	26554	42.369	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	26554	88.037	ug/l #	12
95) Naphthalene	15.263	128	221	3.537	ug/l #	69

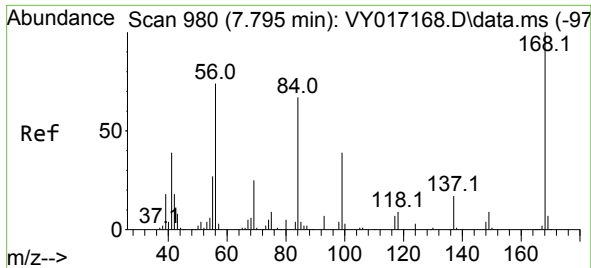
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
Data File : VY017204.D
Acq On : 03 Feb 2024 00:33
Operator : SY/MD
Sample : P1313-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

Quant Time: Feb 03 01:44:07 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

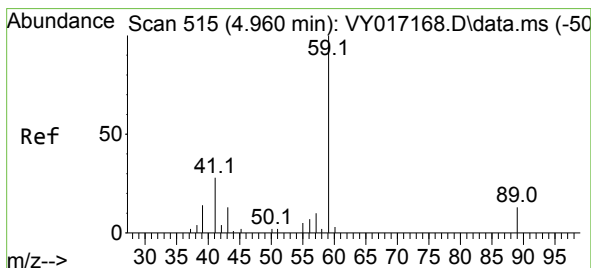
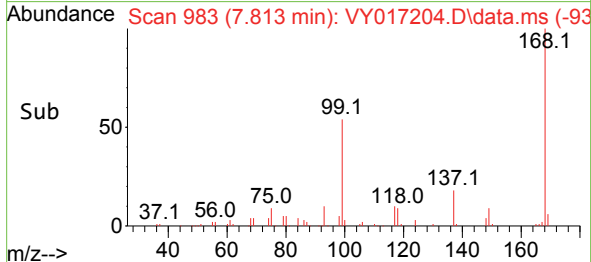
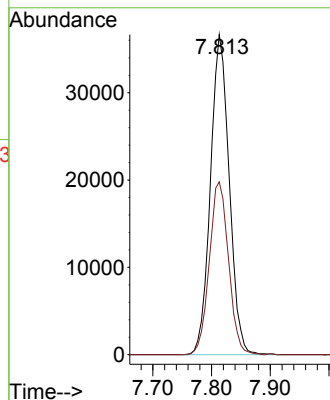
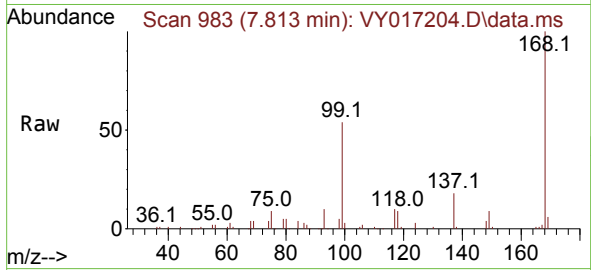




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017204.D
Acq: 03 Feb 2024 00:33

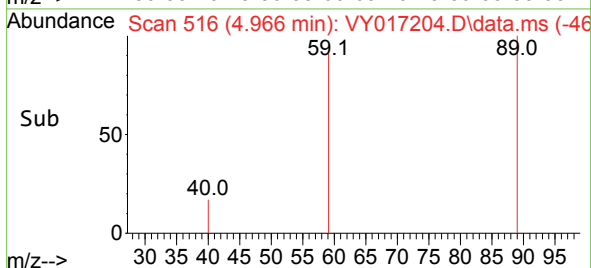
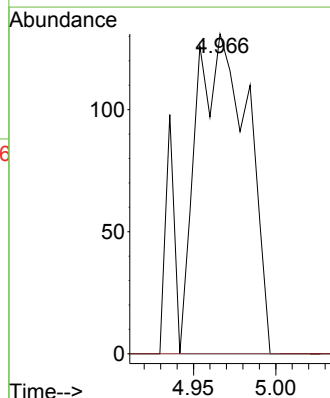
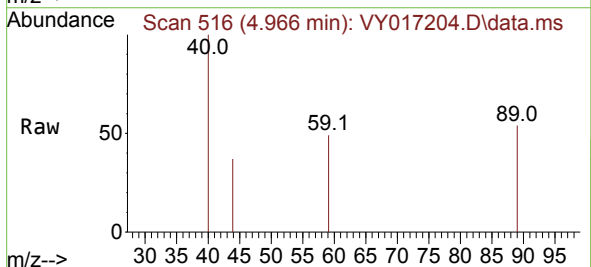
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

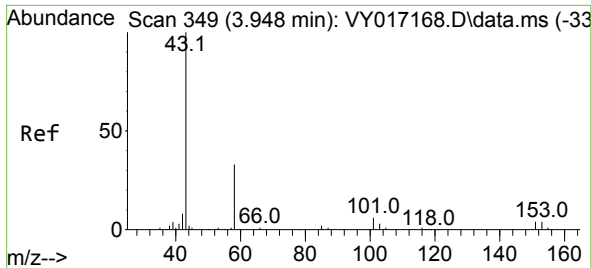
Tgt Ion:168 Resp: 81345
Ion Ratio Lower Upper
168 100
99 54.0 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.966 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY017204.D
Acq: 03 Feb 2024 00:33

Tgt Ion: 59 Resp: 286
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: 1.381 ug/l

RT: 3.966 min Scan# 31

Delta R.T. 0.018 min

Lab File: VY017204.D

Acq: 03 Feb 2024 00:33

Instrument :

MSVOA_Y

ClientSampleId :

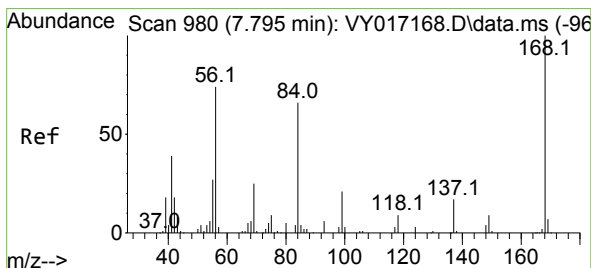
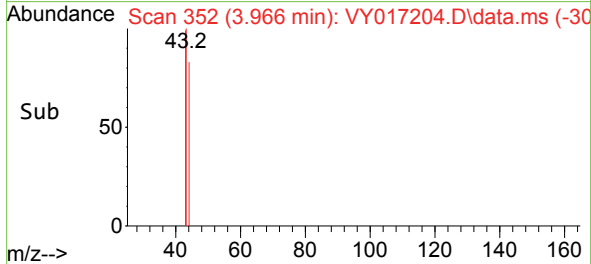
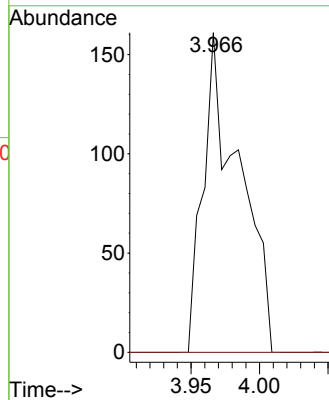
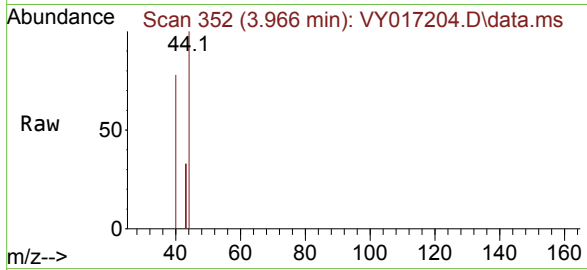
COMP-1

Tgt Ion: 43 Resp: 295

Ion Ratio Lower Upper

43 100

58 0.0 26.6 39.8#



#31

Cyclohexane

Concen: 1.408 ug/l

RT: 7.813 min Scan# 983

Delta R.T. 0.018 min

Lab File: VY017204.D

Acq: 03 Feb 2024 00:33

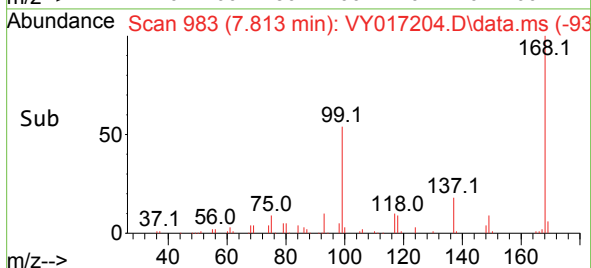
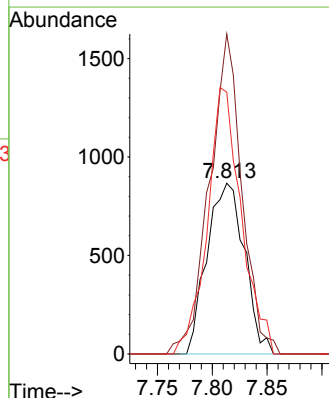
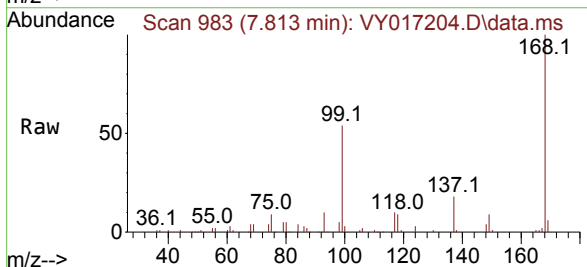
Tgt Ion: 56 Resp: 2063

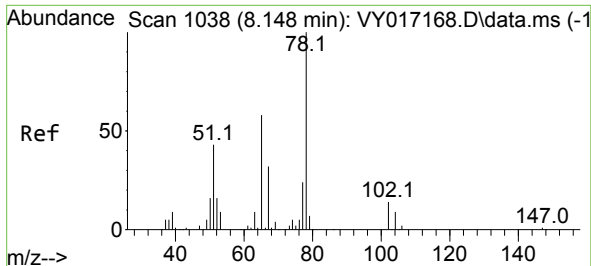
Ion Ratio Lower Upper

56 100

69 187.4 27.0 40.6#

84 153.3 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 55.499 ug/l

RT: 8.167 min Scan# 1130

Delta R.T. 0.018 min

Lab File: VY017204.D

Acq: 03 Feb 2024 00:33

Instrument :

MSVOA_Y

ClientSampleId :

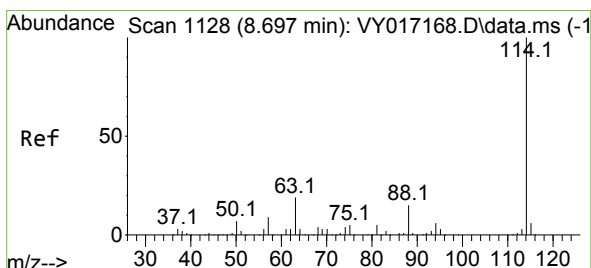
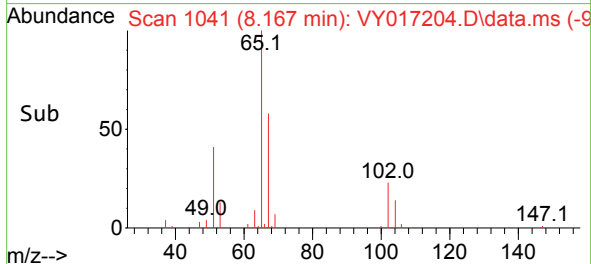
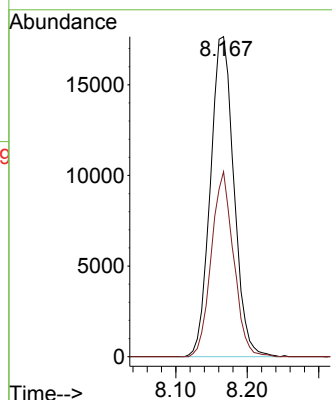
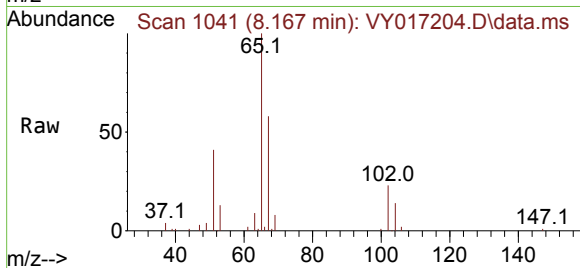
COMP-1

Tgt Ion: 65 Resp: 40330

Ion Ratio Lower Upper

65 100

67 54.6 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1130

Delta R.T. 0.012 min

Lab File: VY017204.D

Acq: 03 Feb 2024 00:33

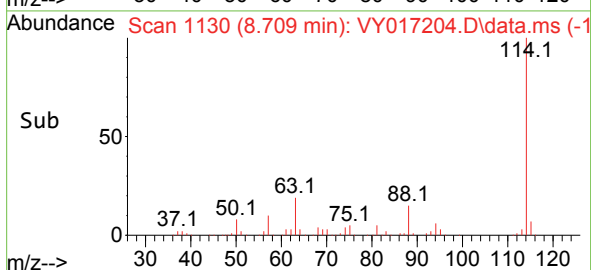
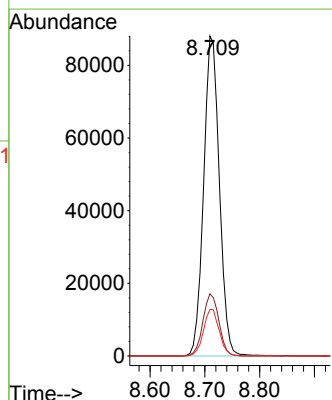
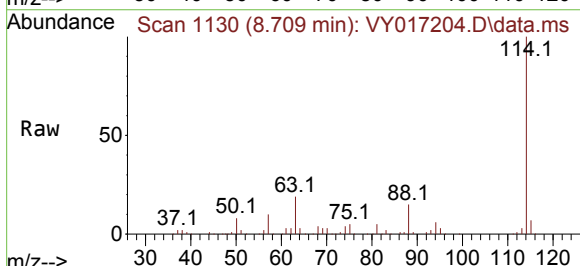
Tgt Ion:114 Resp: 174888

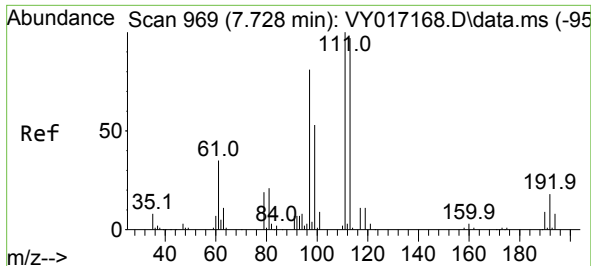
Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.4

88 14.5 0.0 29.0

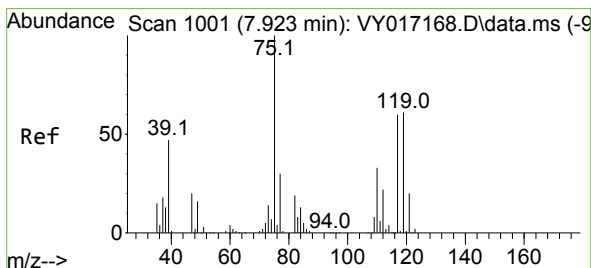
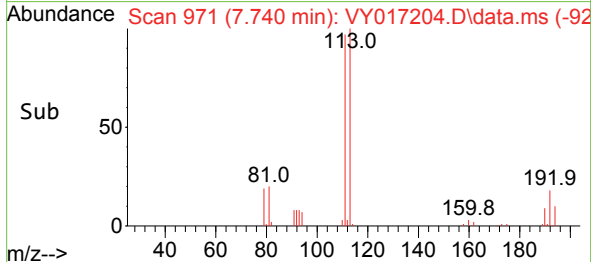
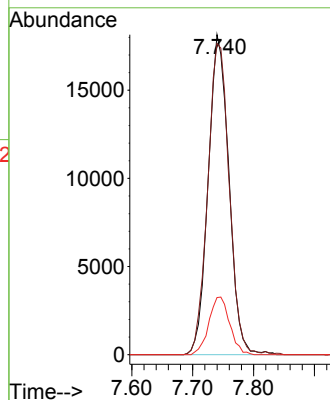
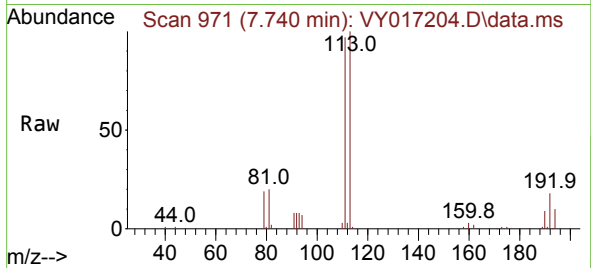




#35
Dibromofluoromethane
Concen: 45.423 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017204.D
Acq: 03 Feb 2024 00:33

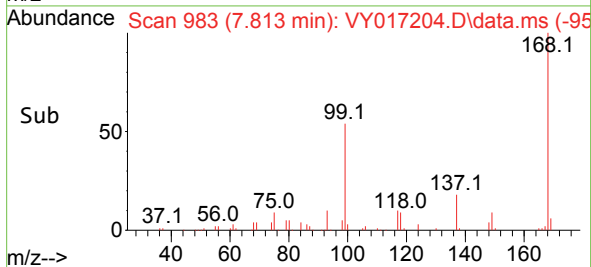
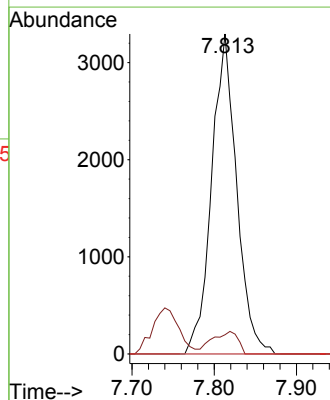
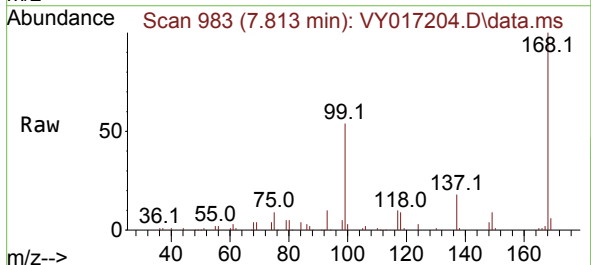
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

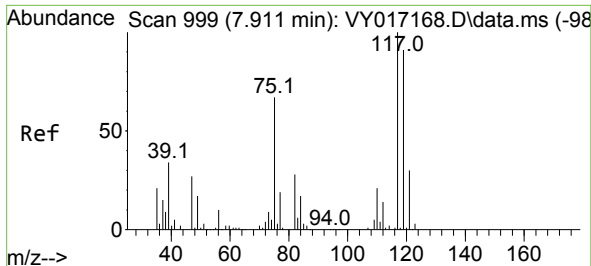
Tgt Ion:113 Resp: 42892
Ion Ratio Lower Upper
113 100
111 100.7 83.8 125.6
192 18.1 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.279 ug/l
RT: 7.813 min Scan# 983
Delta R.T. -0.110 min
Lab File: VY017204.D
Acq: 03 Feb 2024 00:33

Tgt Ion: 75 Resp: 6970
Ion Ratio Lower Upper
75 100
110 7.1 17.4 52.3#
77 0.0 24.7 37.1#

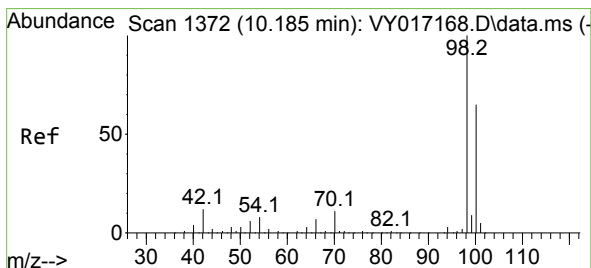
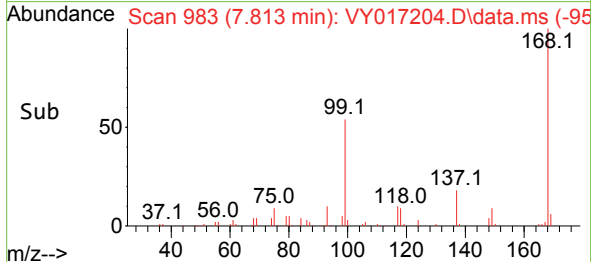
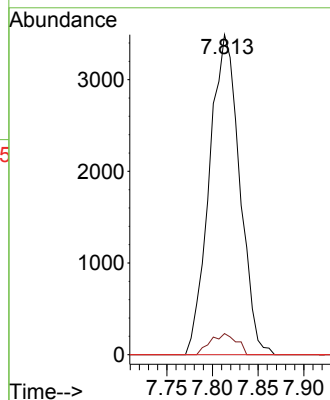
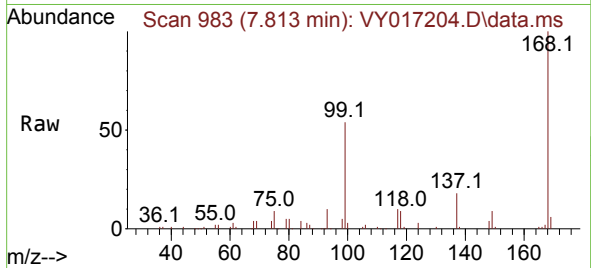




#38
Carbon Tetrachloride
Concen: 5.166 ug/l
RT: 7.813 min Scan# 91
Delta R.T. -0.097 min
Lab File: VY017204.D
Acq: 03 Feb 2024 00:33

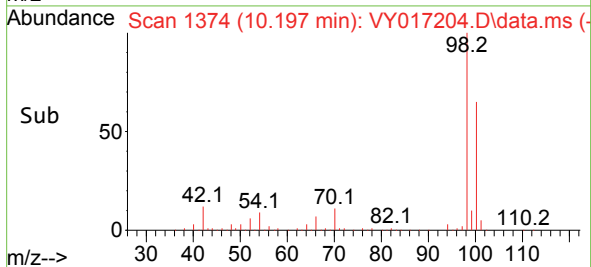
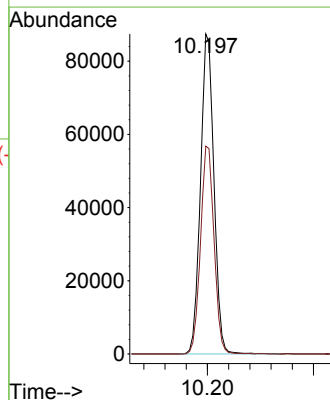
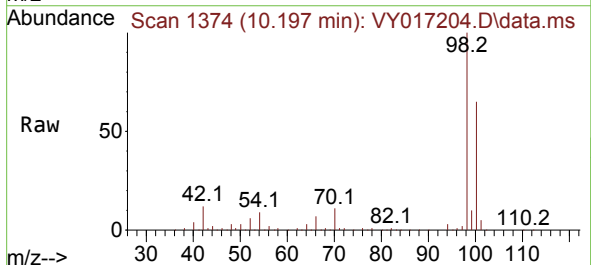
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

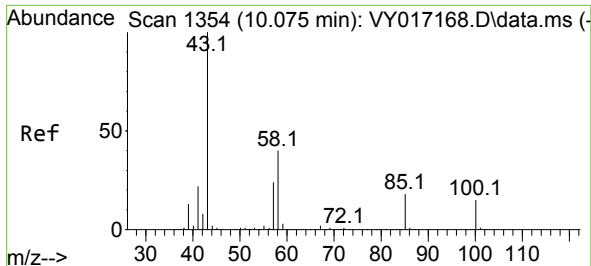
Tgt Ion:117 Resp: 8057
Ion Ratio Lower Upper
117 100
119 6.6 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 44.745 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.012 min
Lab File: VY017204.D
Acq: 03 Feb 2024 00:33

Tgt Ion: 98 Resp: 153837
Ion Ratio Lower Upper
98 100
100 65.3 52.3 78.5

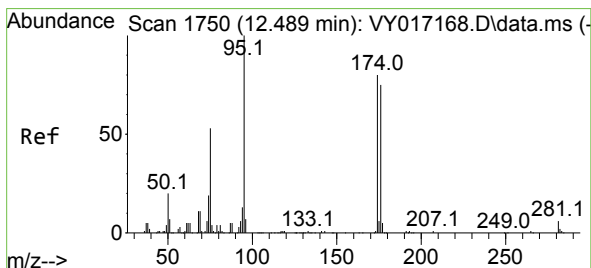
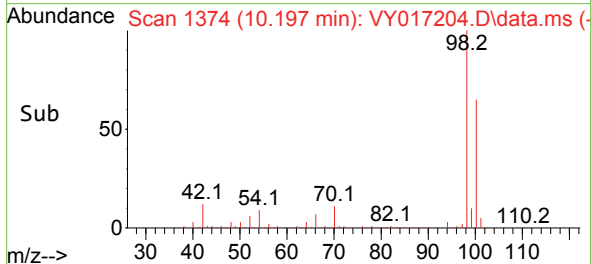
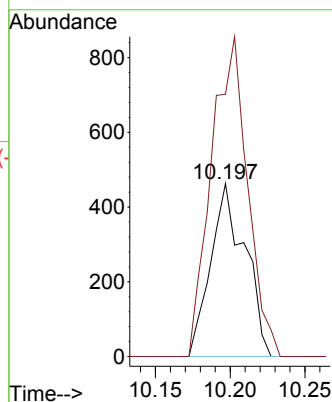
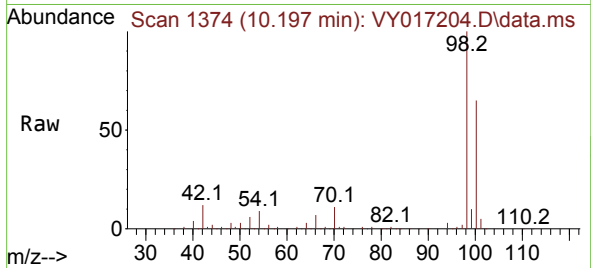




#51
4-Methyl-2-Pentanone
Concen: 1.029 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.122 min
Lab File: VY017204.D
Acq: 03 Feb 2024 00:33

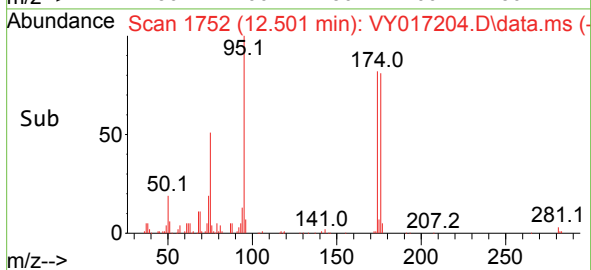
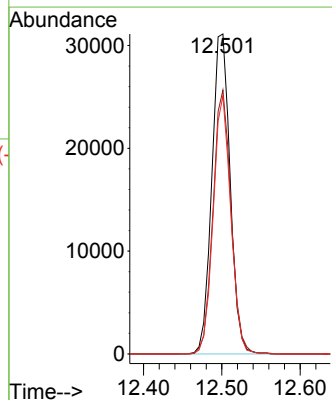
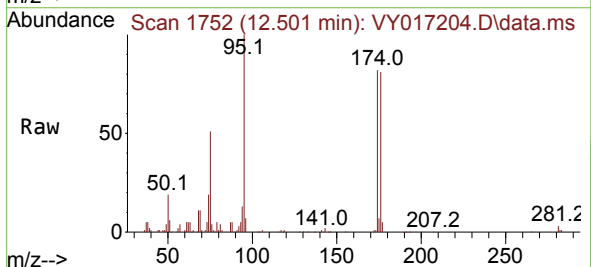
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

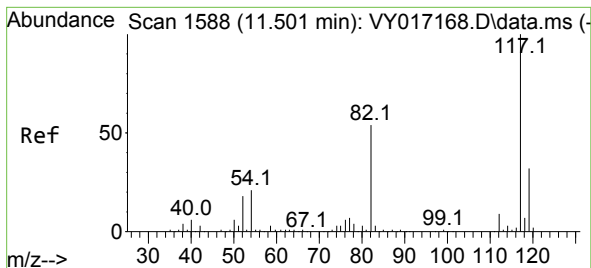
Tgt Ion: 43 Resp: 738
Ion Ratio Lower Upper
43 100
58 195.3 32.2 48.2#



#62
4-Bromofluorobenzene
Concen: 44.884 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY017204.D
Acq: 03 Feb 2024 00:33

Tgt Ion: 95 Resp: 50550
Ion Ratio Lower Upper
95 100
174 81.3 0.0 160.0
176 77.5 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: VY017204.D

Acq: 03 Feb 2024 00:33

Instrument :

MSVOA_Y

ClientSampleId :

COMP-1

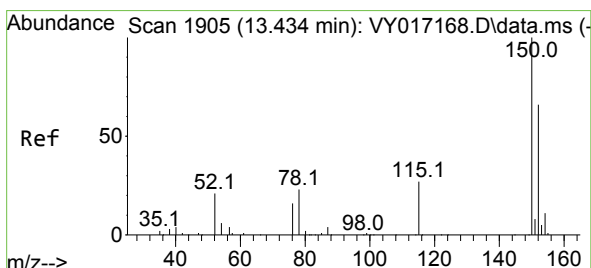
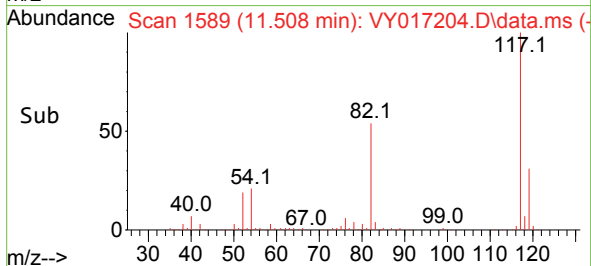
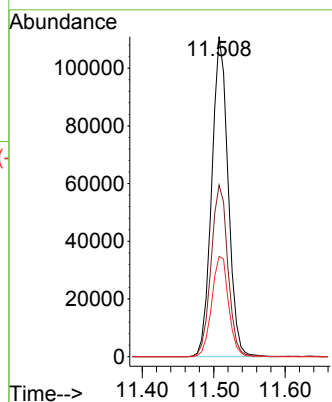
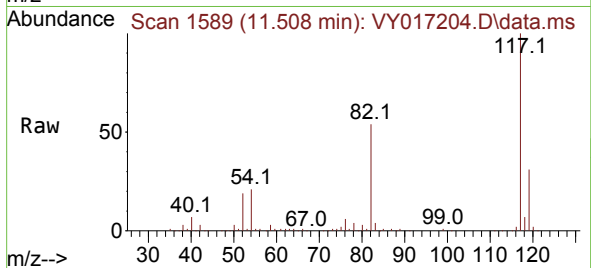
Tgt Ion:117 Resp: 176582

Ion Ratio Lower Upper

117 100

82 53.7 43.8 65.8

119 31.3 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: VY017204.D

Acq: 03 Feb 2024 00:33

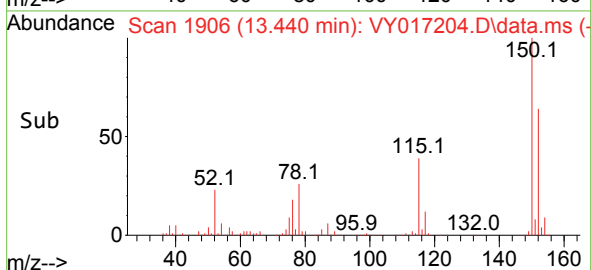
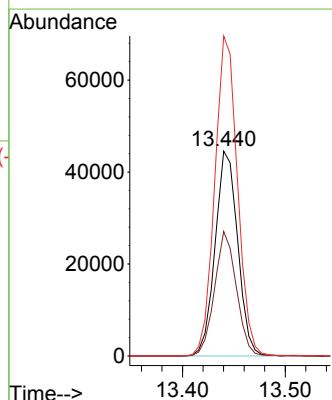
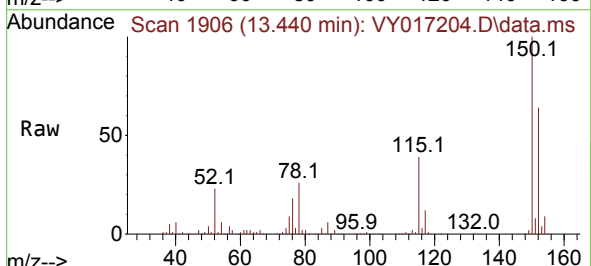
Tgt Ion:152 Resp: 67903

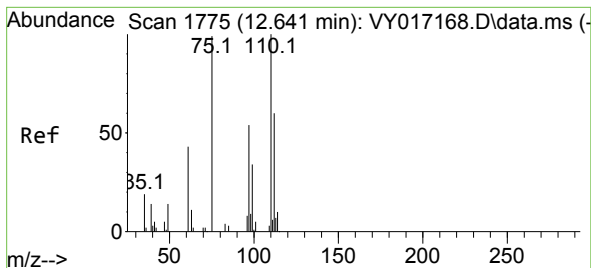
Ion Ratio Lower Upper

152 100

115 58.8 30.0 90.0

150 157.3 0.0 344.6





#76

1,2,3-Trichloropropane

Concen: 42.369 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. -0.146 min

Lab File: VY017204.D

Acq: 03 Feb 2024 00:33

Instrument :

MSVOA_Y

ClientSampleId :

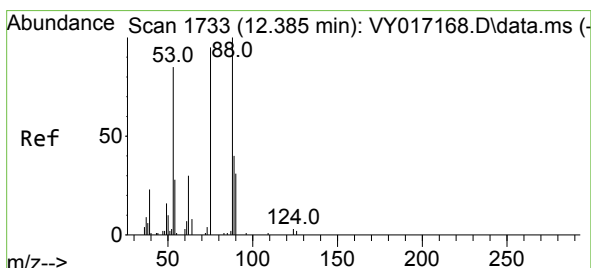
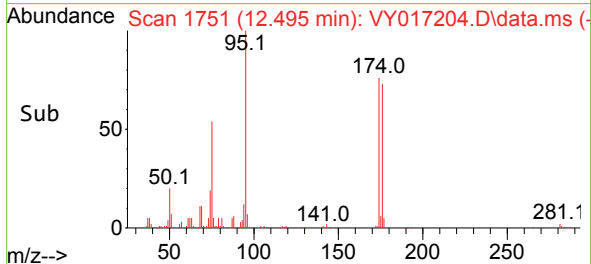
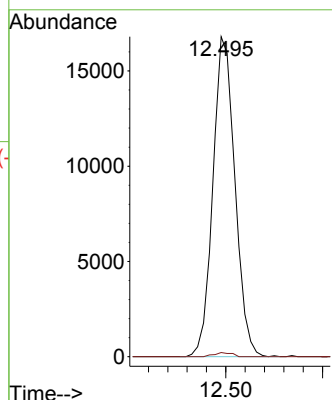
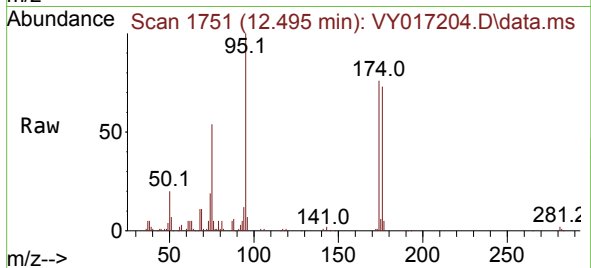
COMP-1

Tgt Ion: 75 Resp: 26554

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 88.037 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.110 min

Lab File: VY017204.D

Acq: 03 Feb 2024 00:33

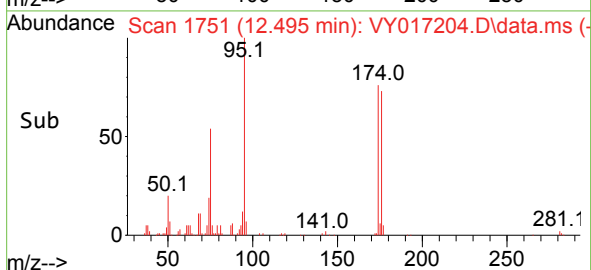
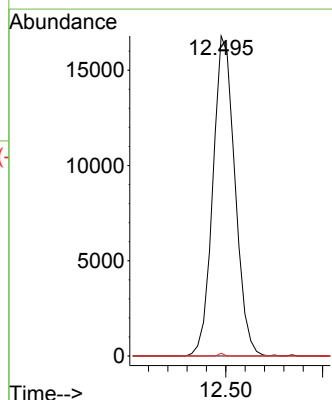
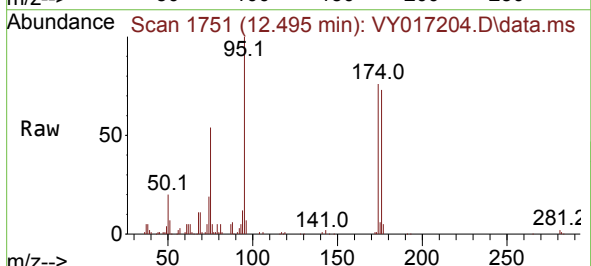
Tgt Ion: 75 Resp: 26554

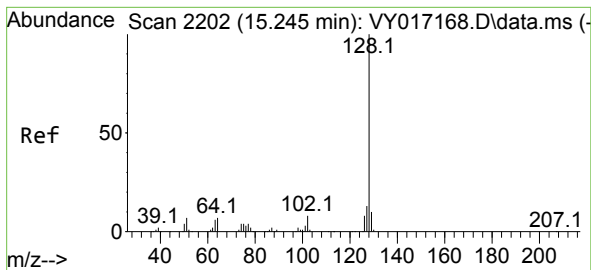
Ion Ratio Lower Upper

75 100

53 0.0 74.0 111.0#

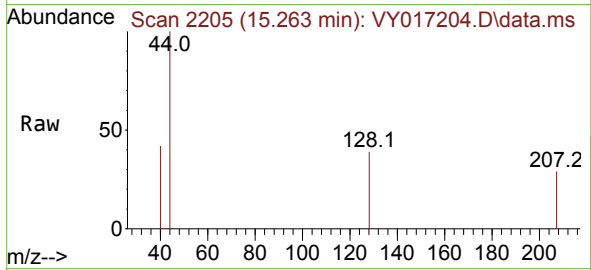
89 0.2 36.5 54.7#





#95
Naphthalene
Concen: 3.537 ug/l
RT: 15.263 min Scan# 21
Delta R.T. 0.018 min
Lab File: VY017204.D
Acq: 03 Feb 2024 00:33

Instrument :
MSVOA_Y
ClientSampleId :
COMP-1



Tgt Ion:128 Resp: 221
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.6 12.8#

