

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017207.D
 Acq On : 03 Feb 2024 01:44
 Operator : SY/MD
 Sample : P1307-11
 Misc : 3.46g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-614-VOC-02

Quant Time: Feb 03 02:32:11 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)

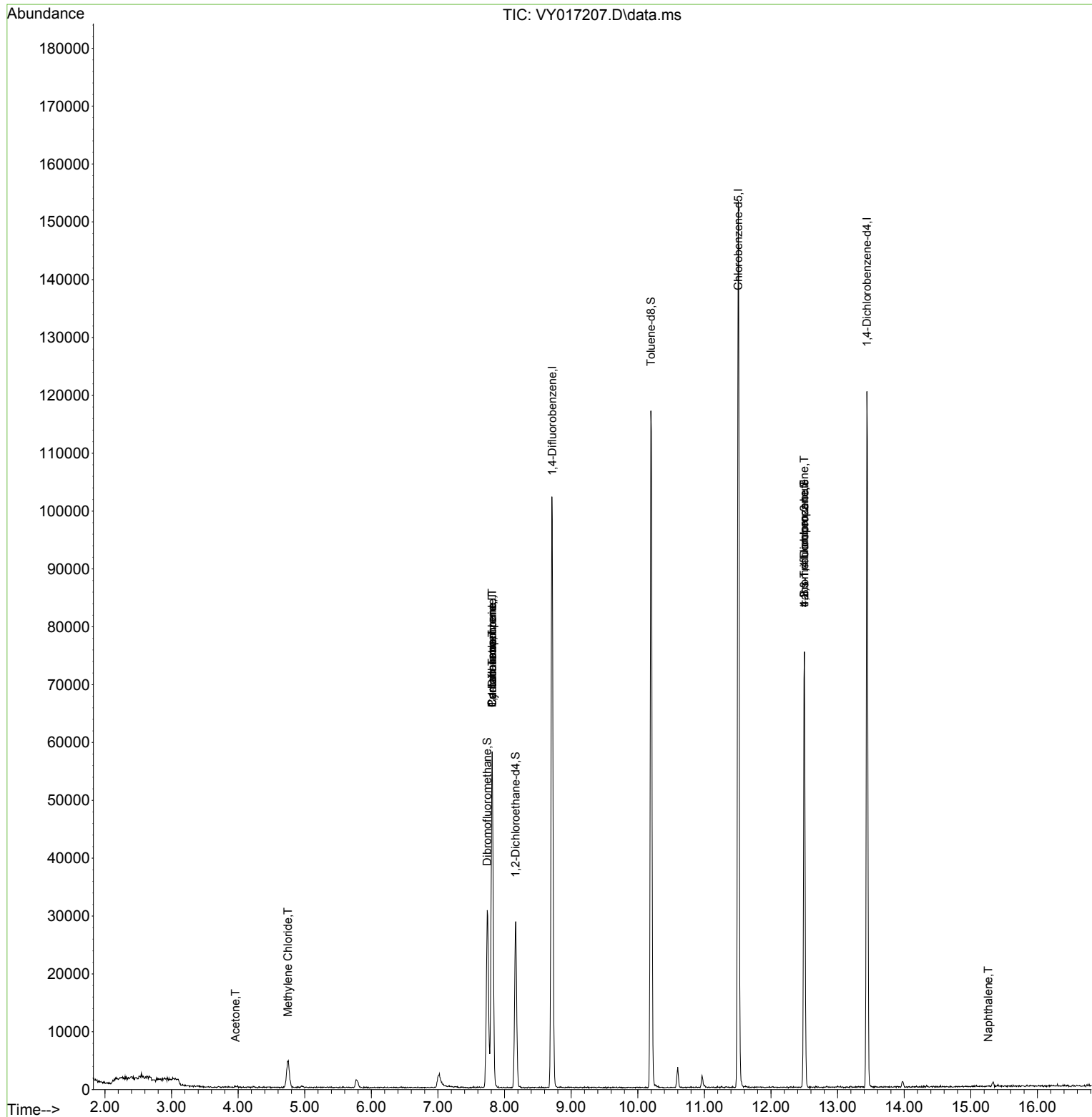
Internal Standards						
1) Pentafluorobenzene	7.813	168	44080	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	88067	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.508	117	85023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	30954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	21738	55.203	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.400%
35) Dibromofluoromethane	7.740	113	22371	47.047	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.100%
50) Toluene-d8	10.197	98	77548	44.792	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.580%
62) 4-Bromofluorobenzene	12.502	95	23282	41.052	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.100%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.979	59	180	Below Cal	#	75
16) Acetone	3.960	43	178	1.538	ug/l #	41
20) Methylene Chloride	4.747	84	3662	4.540	ug/l	93
31) Cyclohexane	7.813	56	870	1.096	ug/l #	1
36) 1,1-Dichloropropene	7.813	75	3716	4.530	ug/l #	49
38) Carbon Tetrachloride	7.813	117	4397	5.599	ug/l #	18
76) 1,2,3-Trichloropropane	12.502	75	12166	42.583	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.502	75	12166	88.482	ug/l #	12
95) Naphthalene	15.263	128	46	3.475	ug/l #	69

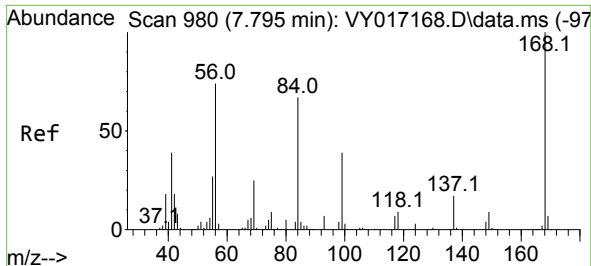
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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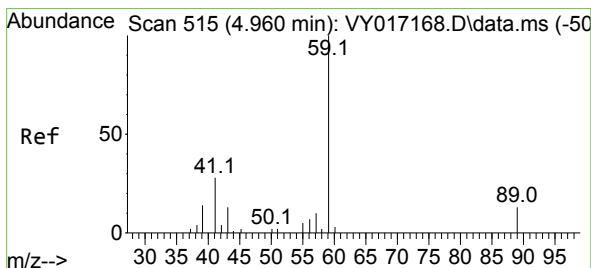
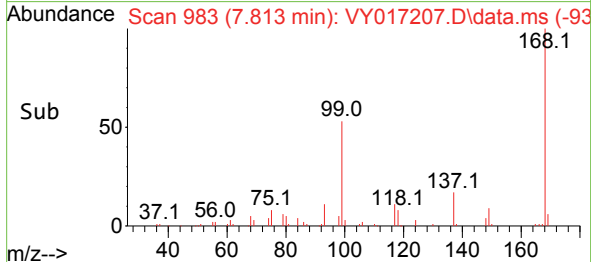
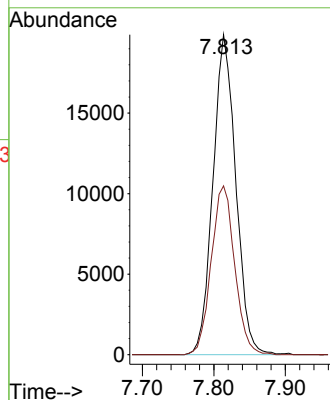
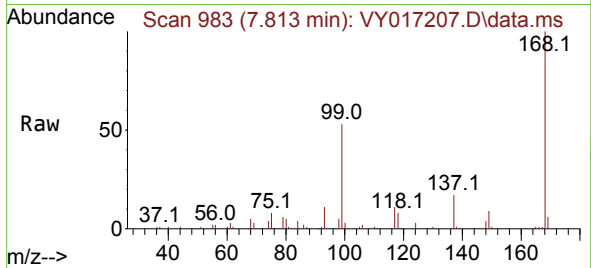




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017207.D
Acq: 03 Feb 2024 01:44

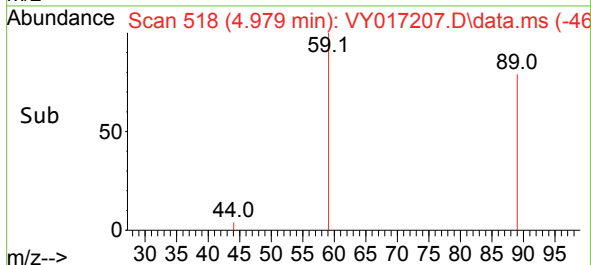
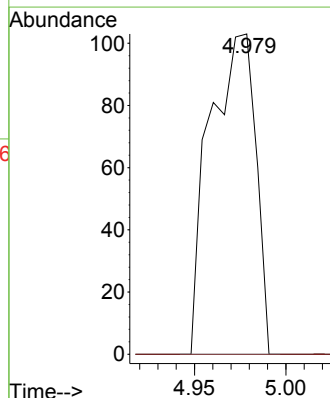
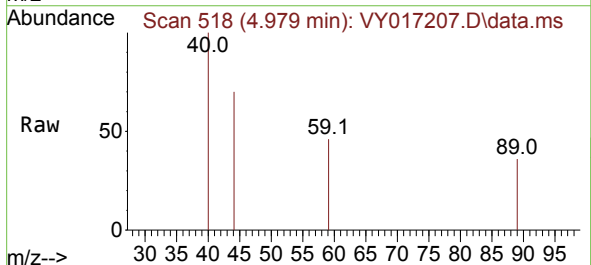
Instrument :
MSVOA_Y
ClientSampleId :
TR-614-VOC-02

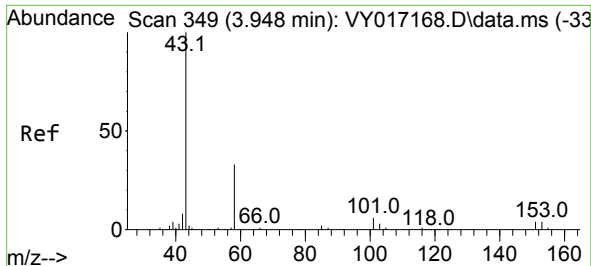
Tgt Ion:168 Resp: 44080
Ion Ratio Lower Upper
168 100
99 52.8 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.979 min Scan# 518
Delta R.T. 0.019 min
Lab File: VY017207.D
Acq: 03 Feb 2024 01:44

Tgt Ion: 59 Resp: 180
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: 1.538 ug/l

RT: 3.960 min Scan# 3

Delta R.T. 0.013 min

Lab File: VY017207.D

Acq: 03 Feb 2024 01:44

Instrument :

MSVOA_Y

ClientSampleId :

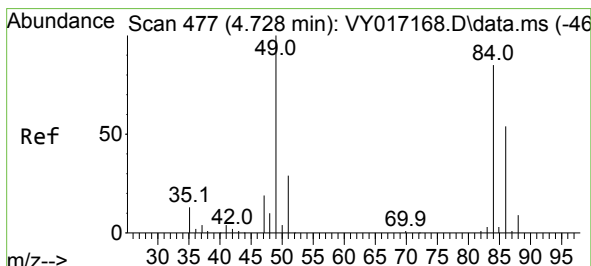
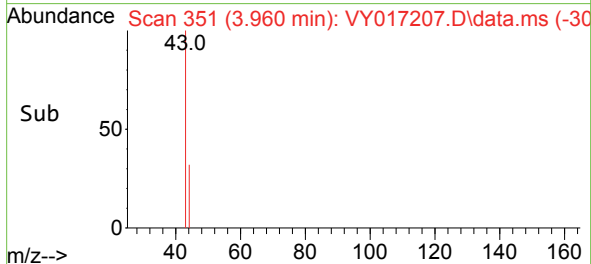
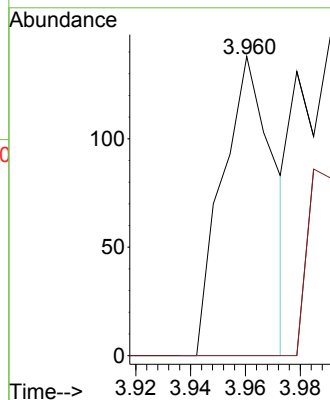
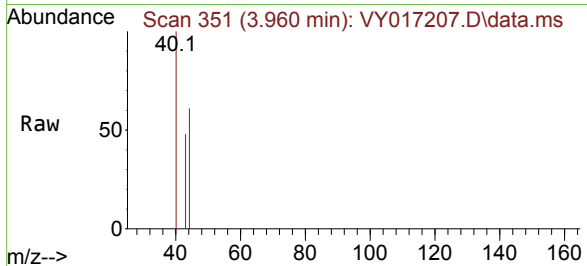
TR-614-VOC-02

Tgt Ion: 43 Resp: 178

Ion Ratio Lower Upper

43 100

58 0.0 26.6 39.8#



#20

Methylene Chloride

Concen: 4.540 ug/l

RT: 4.747 min Scan# 480

Delta R.T. 0.019 min

Lab File: VY017207.D

Acq: 03 Feb 2024 01:44

Tgt Ion: 84 Resp: 3662

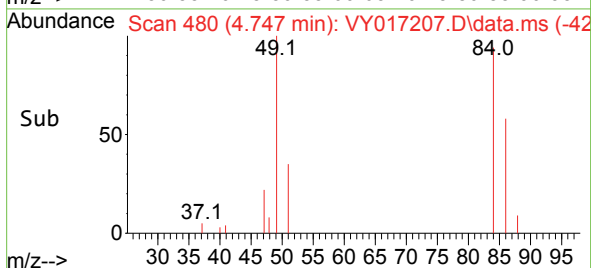
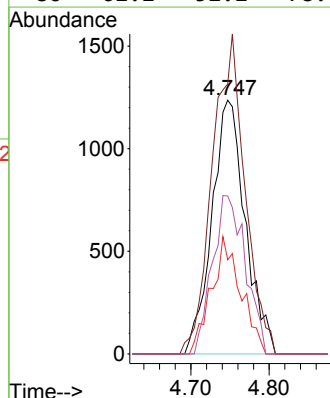
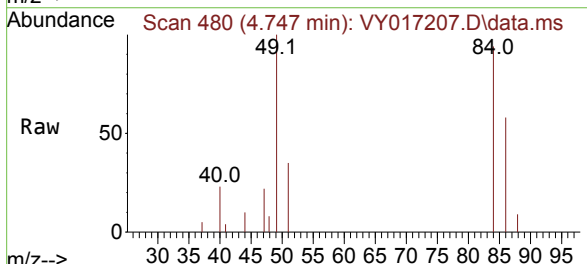
Ion Ratio Lower Upper

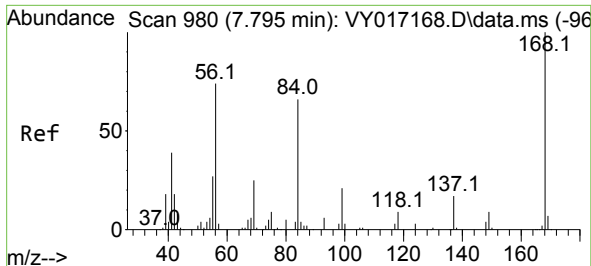
84 100

49 106.4 95.2 142.8

51 37.1 29.9 44.9

86 62.2 52.2 78.4

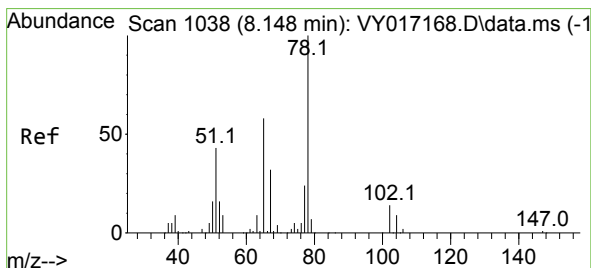
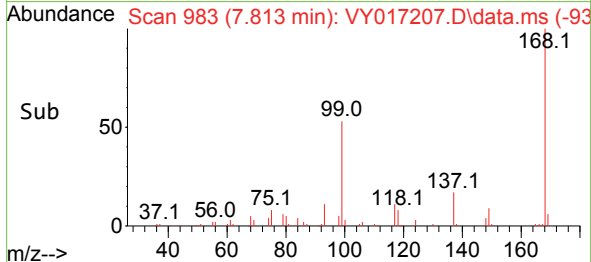
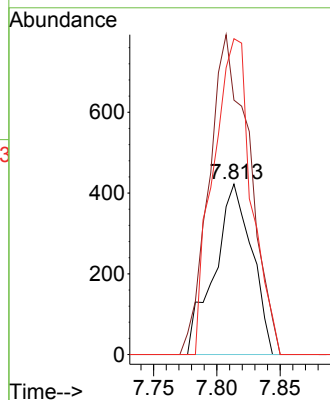
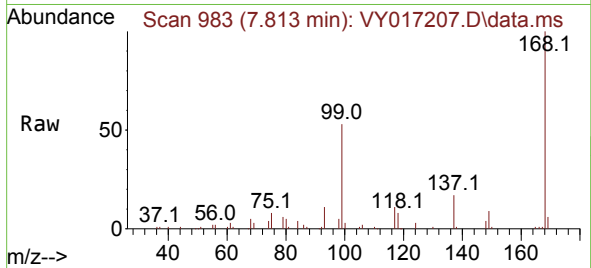




#31
Cyclohexane
Concen: 1.096 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.019 min
Lab File: VY017207.D
Acq: 03 Feb 2024 01:44

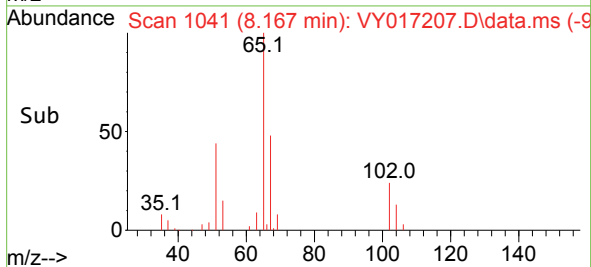
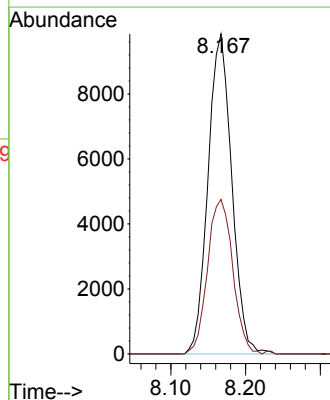
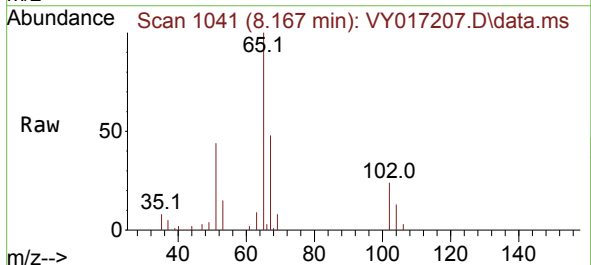
Instrument :
MSVOA_Y
ClientSampleId :
TR-614-VOC-02

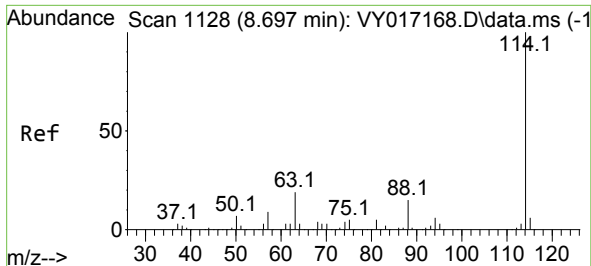
Tgt Ion: 56 Resp: 870
Ion Ratio Lower Upper
56 100
69 149.3 27.0 40.6#
84 185.3 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 55.203 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.019 min
Lab File: VY017207.D
Acq: 03 Feb 2024 01:44

Tgt Ion: 65 Resp: 21738
Ion Ratio Lower Upper
65 100
67 51.2 0.0 109.0

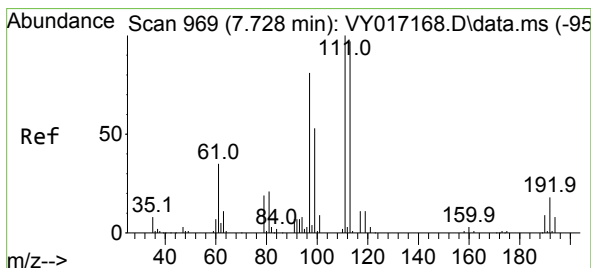
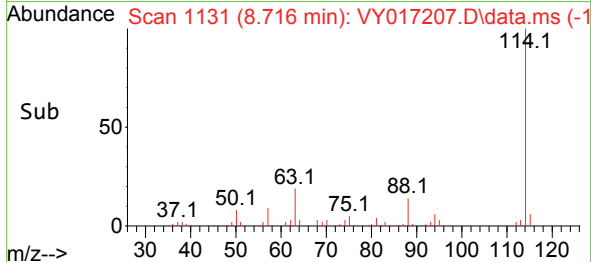
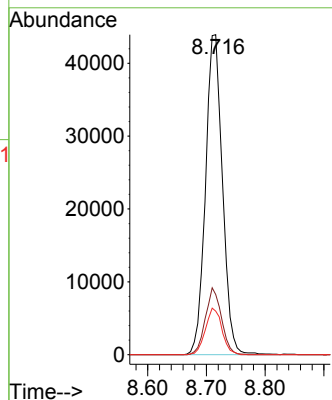
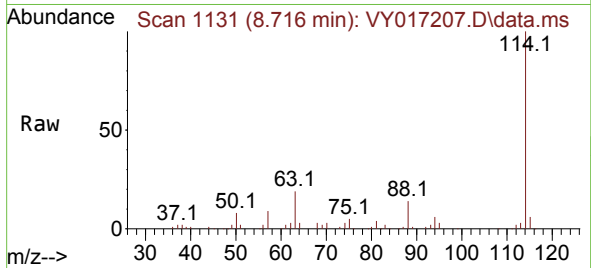




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.716 min Scan# 1128
Delta R.T. 0.019 min
Lab File: VY017207.D
Acq: 03 Feb 2024 01:44

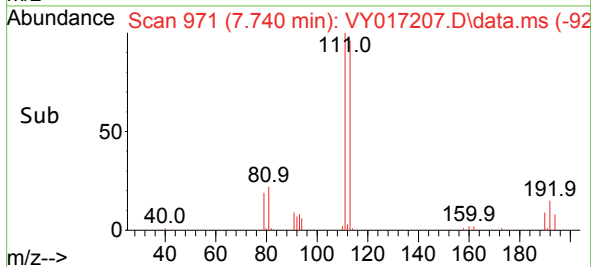
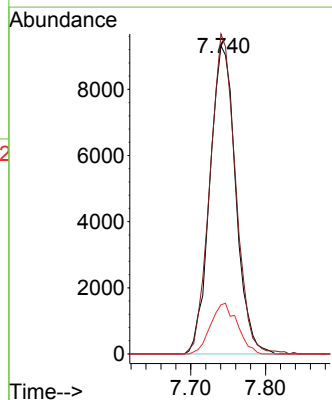
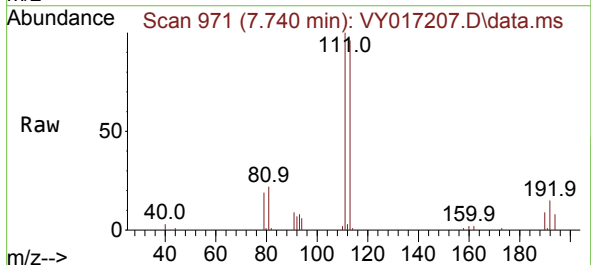
Instrument :
MSVOA_Y
ClientSampleId :
TR-614-VOC-02

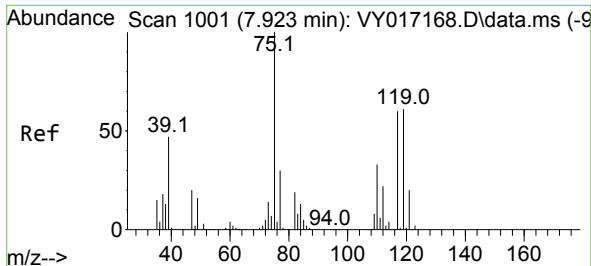
Tgt Ion:114 Resp: 88067
Ion Ratio Lower Upper
114 100
63 18.8 0.0 37.4
88 13.6 0.0 29.0



#35
Dibromofluoromethane
Concen: 47.047 ug/l
RT: 7.740 min Scan# 971
Delta R.T. 0.013 min
Lab File: VY017207.D
Acq: 03 Feb 2024 01:44

Tgt Ion:113 Resp: 22371
Ion Ratio Lower Upper
113 100
111 102.8 83.8 125.6
192 17.1 14.5 21.7

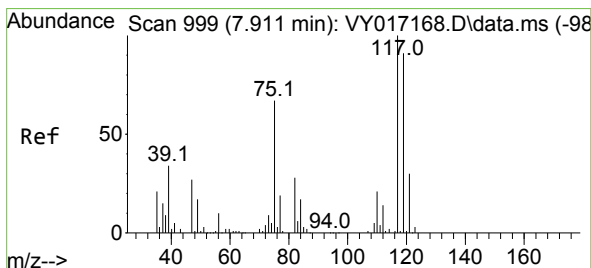
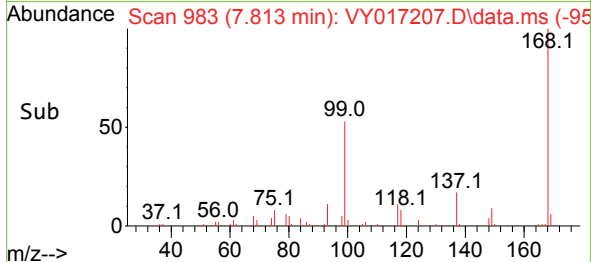
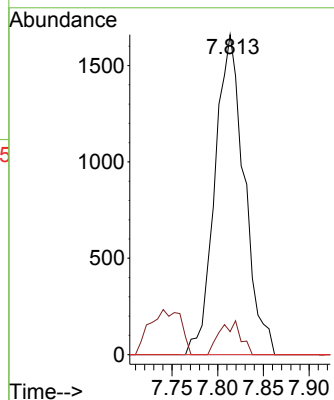
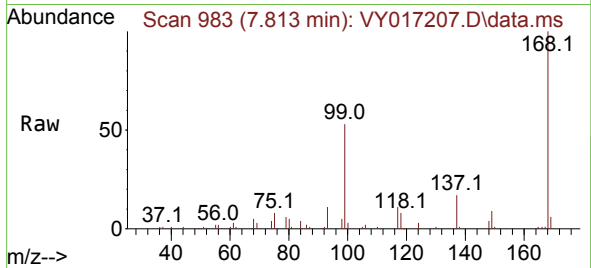




#36
 1,1-Dichloropropene
 Concen: 4.530 ug/l
 RT: 7.813 min Scan# 983
 Delta R.T. -0.109 min
 Lab File: VY017207.D
 Acq: 03 Feb 2024 01:44

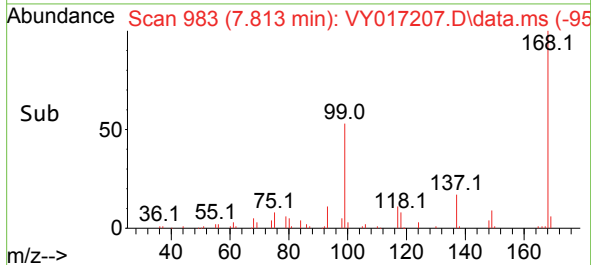
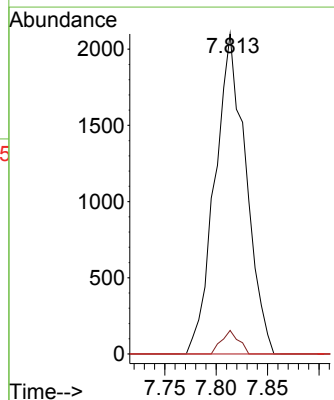
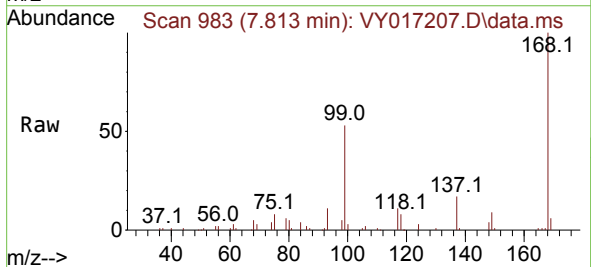
Instrument :
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 ClientSampleId :
 TR-614-VOC-02

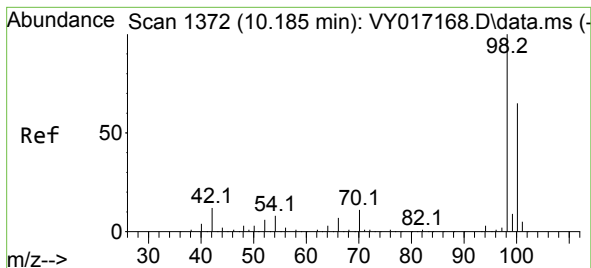
Tgt Ion: 75 Resp: 3716
 Ion Ratio Lower Upper
 75 100
 110 7.5 17.4 52.3#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.599 ug/l
 RT: 7.813 min Scan# 983
 Delta R.T. -0.097 min
 Lab File: VY017207.D
 Acq: 03 Feb 2024 01:44

Tgt Ion: 117 Resp: 4397
 Ion Ratio Lower Upper
 117 100
 119 7.3 76.0 114.0#
 121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 44.792 ug/l

RT: 10.197 min Scan# 11

Delta R.T. 0.013 min

Lab File: VY017207.D

Acq: 03 Feb 2024 01:44

Instrument :

MSVOA_Y

ClientSampleId :

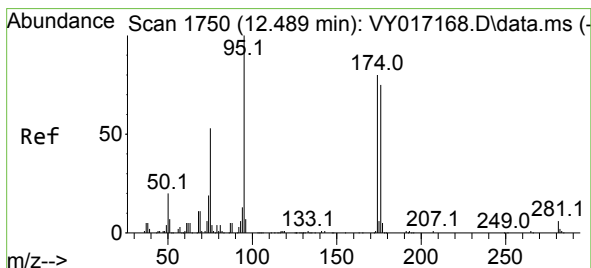
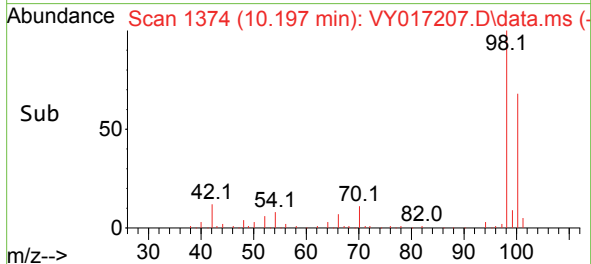
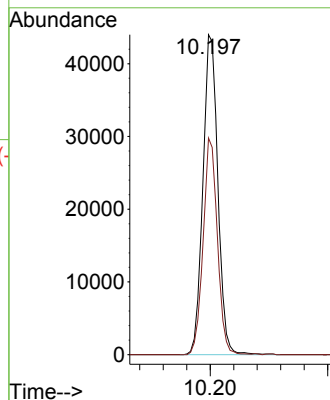
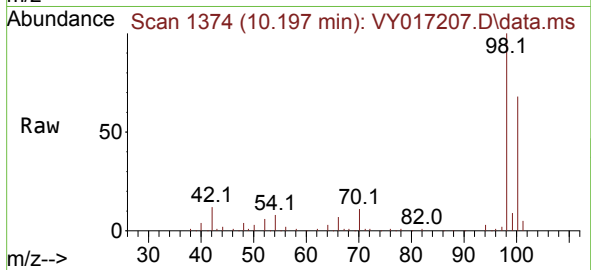
TR-614-VOC-02

Tgt Ion: 98 Resp: 77548

Ion Ratio Lower Upper

98 100

100 64.5 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 41.052 ug/l

RT: 12.502 min Scan# 1752

Delta R.T. 0.013 min

Lab File: VY017207.D

Acq: 03 Feb 2024 01:44

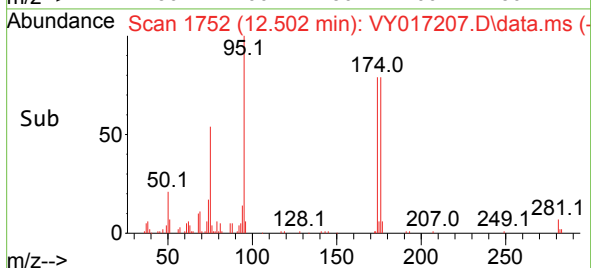
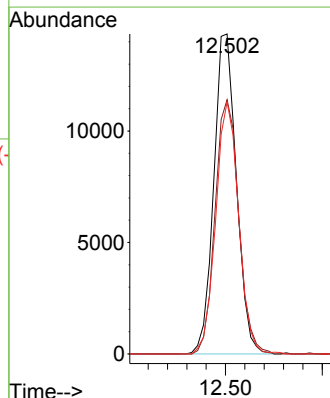
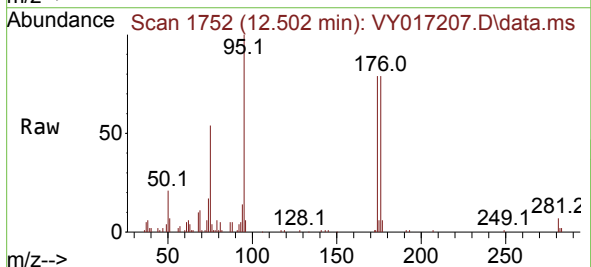
Tgt Ion: 95 Resp: 23282

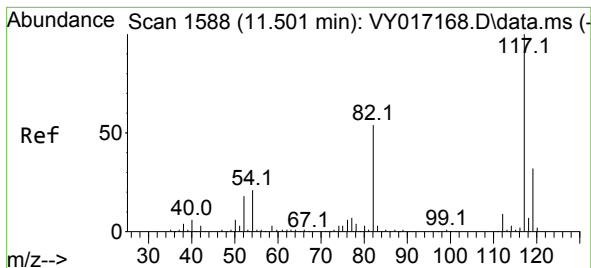
Ion Ratio Lower Upper

95 100

174 82.6 0.0 160.0

176 79.7 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: VY017207.D

Acq: 03 Feb 2024 01:44

Instrument :

MSVOA_Y

ClientSampleId :

TR-614-VOC-02

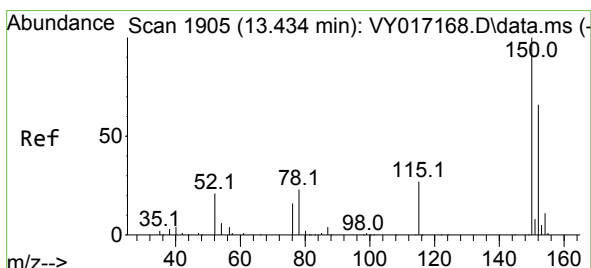
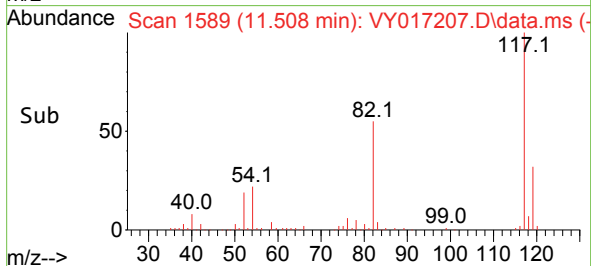
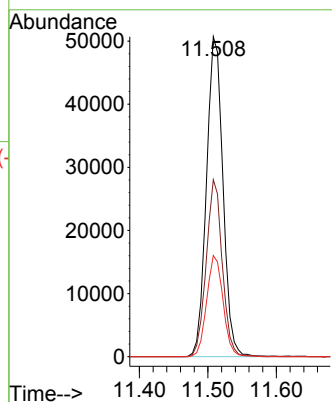
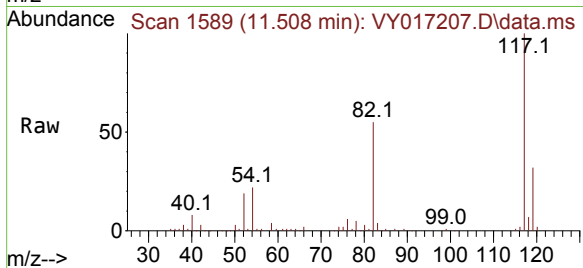
Tgt Ion:117 Resp: 85023

Ion Ratio Lower Upper

117 100

82 55.3 43.8 65.8

119 31.6 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.007 min

Lab File: VY017207.D

Acq: 03 Feb 2024 01:44

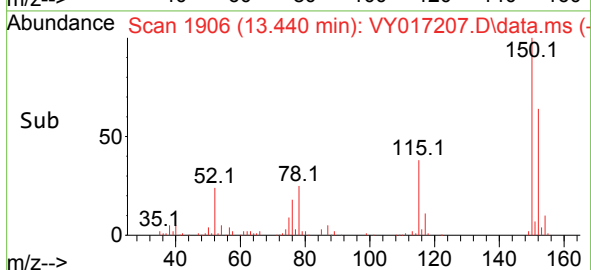
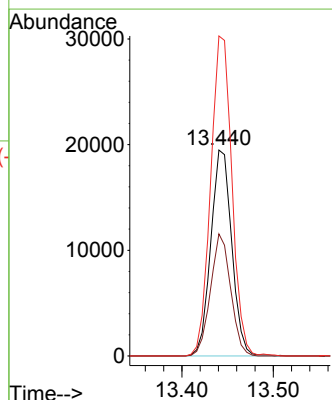
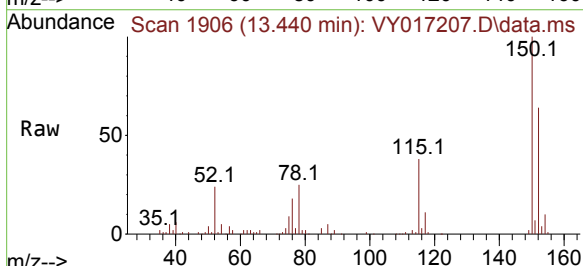
Tgt Ion:152 Resp: 30954

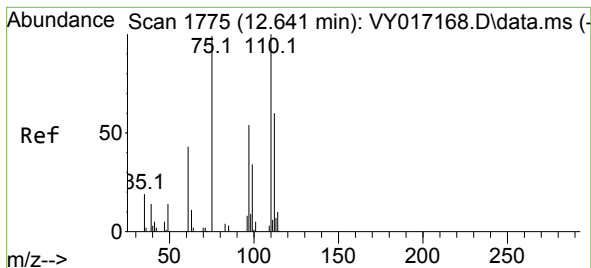
Ion Ratio Lower Upper

152 100

115 57.0 30.0 90.0

150 157.7 0.0 344.6





#76

1,2,3-Trichloropropane

Concen: 42.583 ug/l

RT: 12.502 min Scan# 1752

Delta R.T. -0.140 min

Lab File: VY017207.D

Acq: 03 Feb 2024 01:44

Instrument :

MSVOA_Y

ClientSampleId :

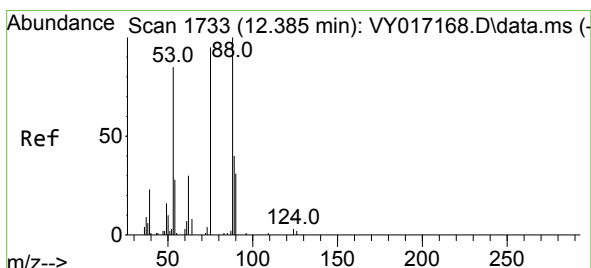
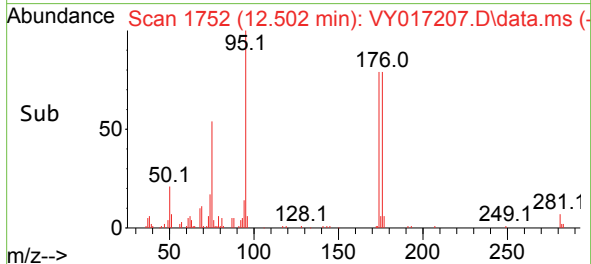
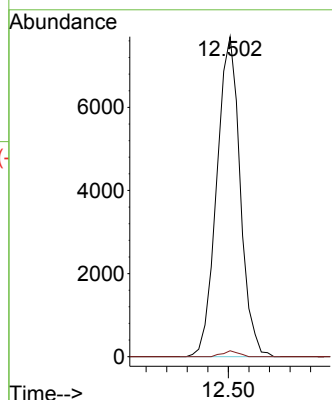
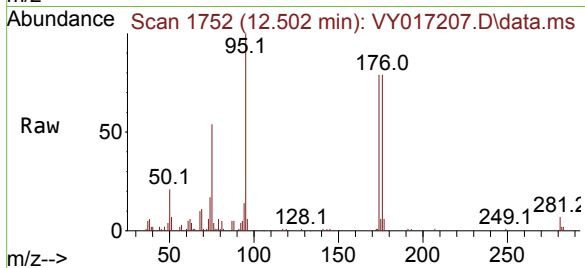
TR-614-VOC-02

Tgt Ion: 75 Resp: 12166

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 88.482 ug/l

RT: 12.502 min Scan# 1752

Delta R.T. 0.116 min

Lab File: VY017207.D

Acq: 03 Feb 2024 01:44

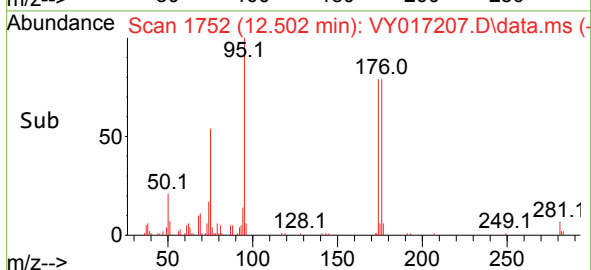
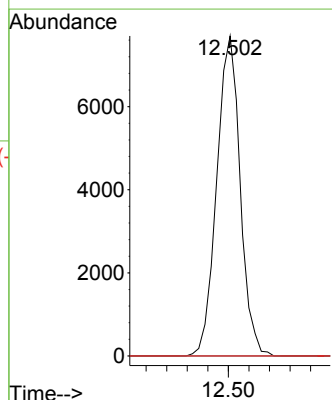
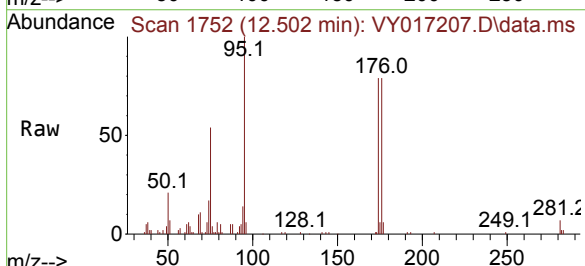
Tgt Ion: 75 Resp: 12166

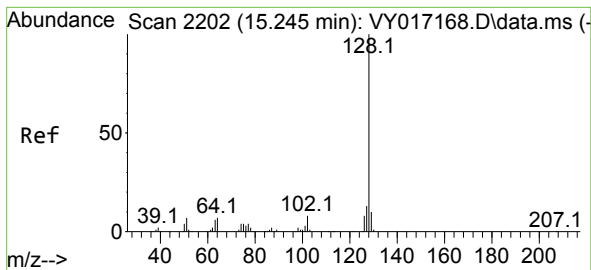
Ion Ratio Lower Upper

75 100

53 0.0 74.0 111.0#

89 0.0 36.5 54.7#





#95

Naphthalene

Concen: 3.475 ug/l

RT: 15.263 min Scan# 21

Delta R.T. 0.018 min

Lab File: VY017207.D

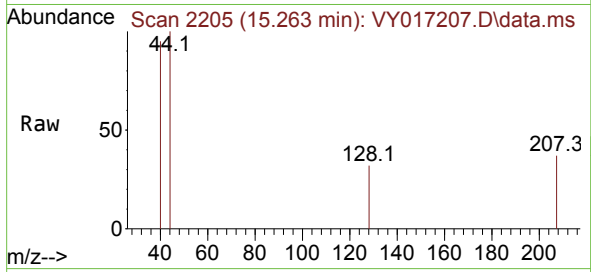
Acq: 03 Feb 2024 01:44

Instrument :

MSVOA_Y

ClientSampleId :

TR-614-VOC-02



Tgt Ion:128 Resp: 46

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.4#

129 0.0 8.6 12.8#

