

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030123\
 Data File : VY012749.D
 Acq On : 01 Mar 2023 14:54
 Operator : KP/MD
 Sample : 01725-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-022723RE

Quant Time: Mar 02 02:05:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

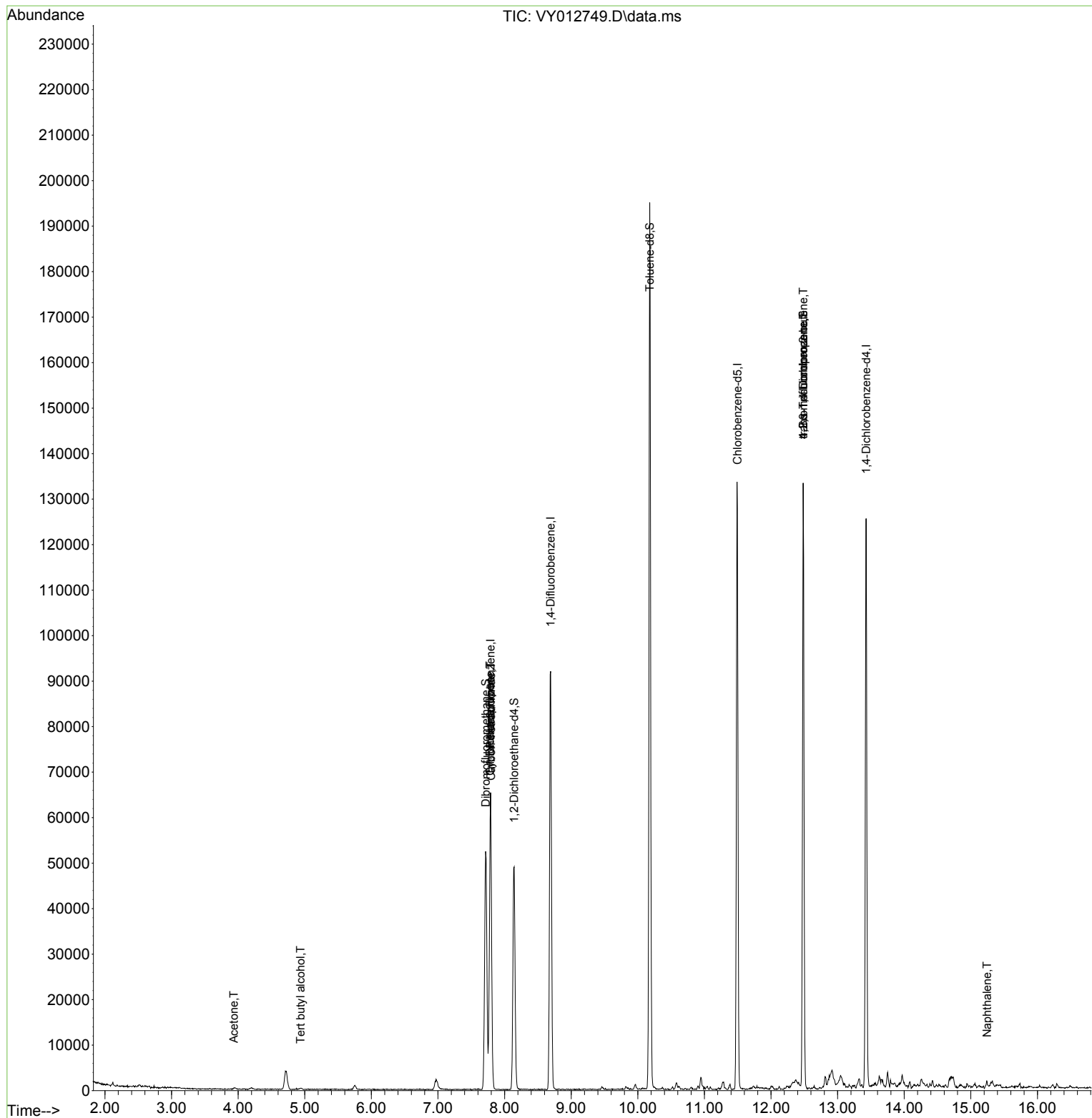
Internal Standards						
1) Pentafluorobenzene	7.789	168	49419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	78825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	71142	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	31757	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	37779	64.728	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 129.460%			
35) Dibromofluoromethane	7.716	113	37005	69.505	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 139.000%			
50) Toluene-d8	10.179	98	122288	61.309	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 122.620%			
62) 4-Bromofluorobenzene	12.483	95	37761	59.159	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 118.320%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	559	Below Cal	#	78
11) Tert butyl alcohol	4.936	59	218	3.414	ug/l #	74
16) Acetone	3.936	43	515	2.704	ug/l #	46
20) Methylene Chloride	4.716	84	3069	Below Cal		92
31) Cyclohexane	7.783	56	1157	1.141	ug/l #	7
36) 1,1-Dichloropropene	7.783	75	3858	4.572	ug/l #	50
38) Carbon Tetrachloride	7.795	117	4813	5.516	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	19802	50.017	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	19802	105.961	ug/l #	9
95) Naphthalene	15.245	128	1346	1.071	ug/l #	86

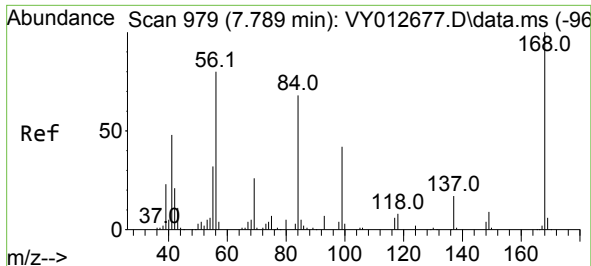
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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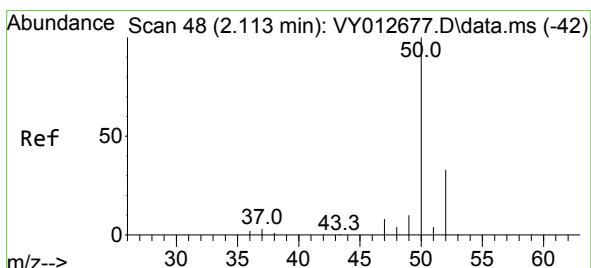
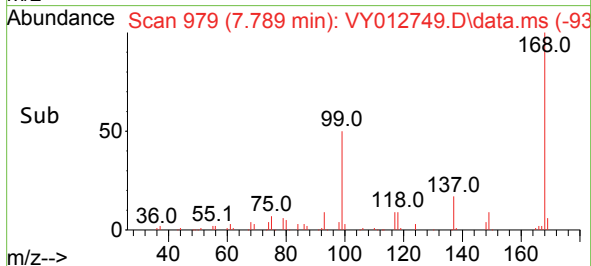
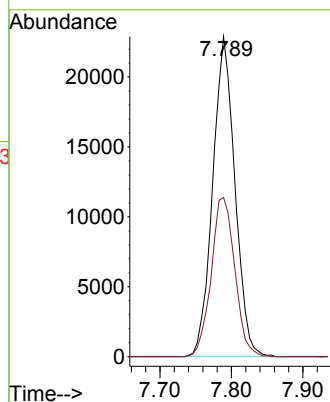
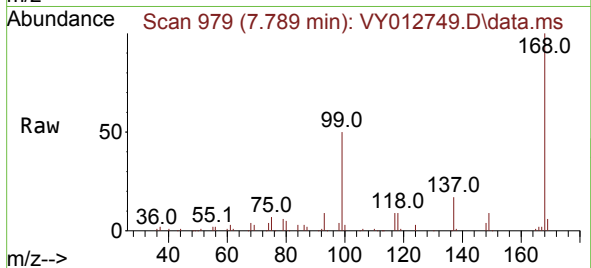




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012749.D
Acq: 01 Mar 2023 14:54

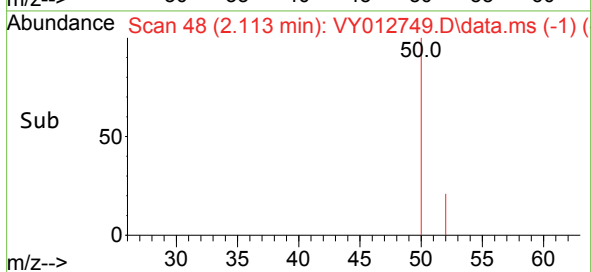
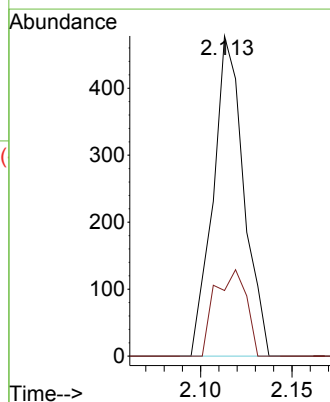
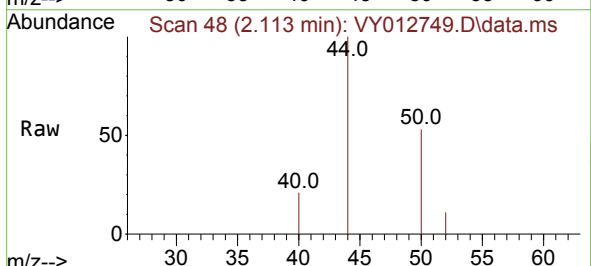
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-022723RE

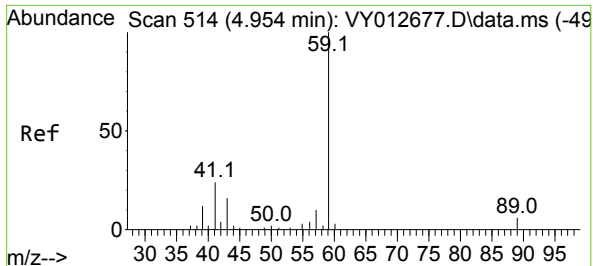
Tgt Ion:168 Resp: 49419
Ion Ratio Lower Upper
168 100
99 49.8 45.4 68.2



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY012749.D
Acq: 01 Mar 2023 14:54

Tgt Ion: 50 Resp: 559
Ion Ratio Lower Upper
50 100
52 20.5 26.1 39.1#





#11

Tert butyl alcohol

Concen: 3.414 ug/l

RT: 4.936 min Scan# 514

Delta R.T. -0.018 min

Lab File: VY012749.D

Acq: 01 Mar 2023 14:54

Instrument :

MSVOA_Y

ClientSampleId :

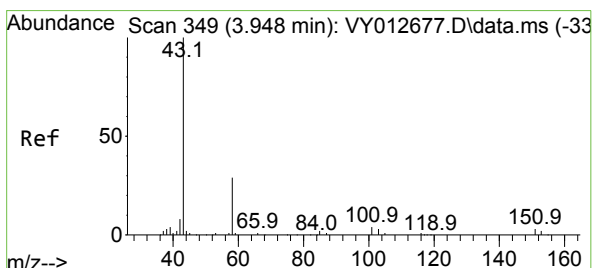
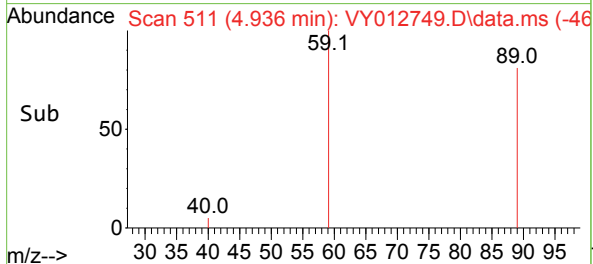
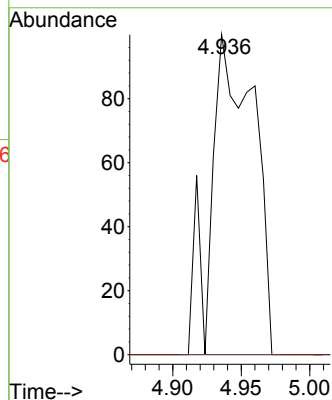
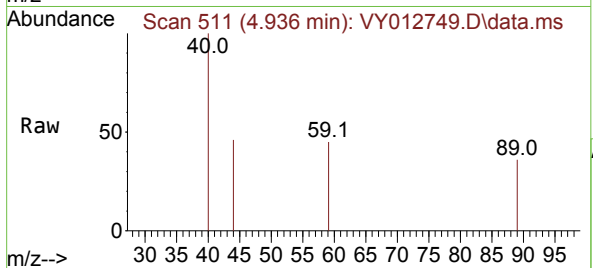
EO-01-022723RE

Tgt Ion: 59 Resp: 218

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



#16

Acetone

Concen: 2.704 ug/l

RT: 3.936 min Scan# 347

Delta R.T. -0.012 min

Lab File: VY012749.D

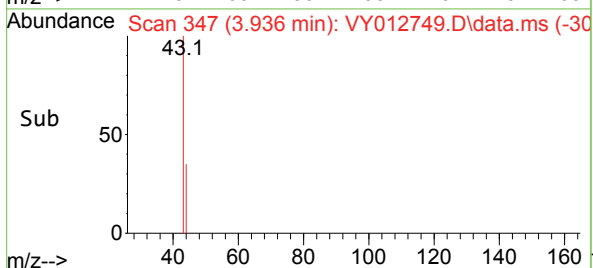
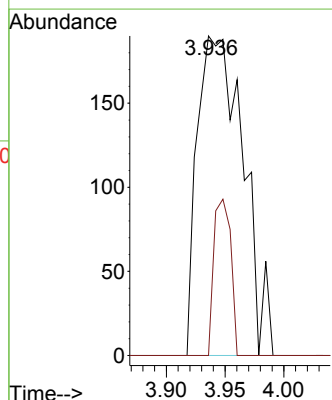
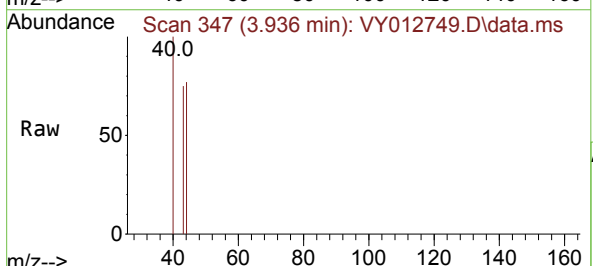
Acq: 01 Mar 2023 14:54

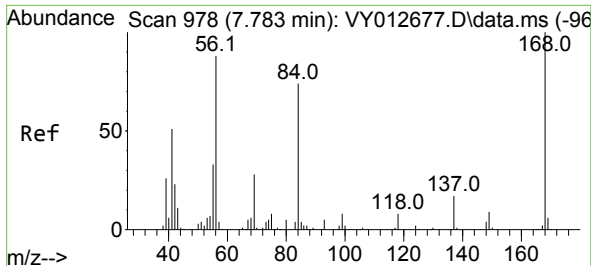
Tgt Ion: 43 Resp: 515

Ion Ratio Lower Upper

43 100

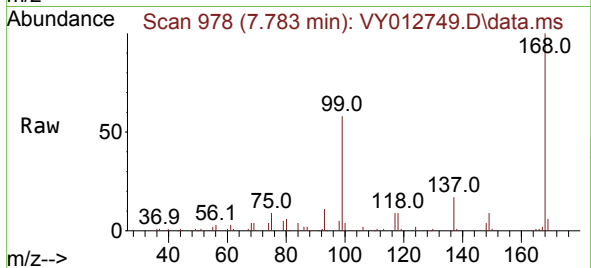
58 0.0 23.3 34.9#



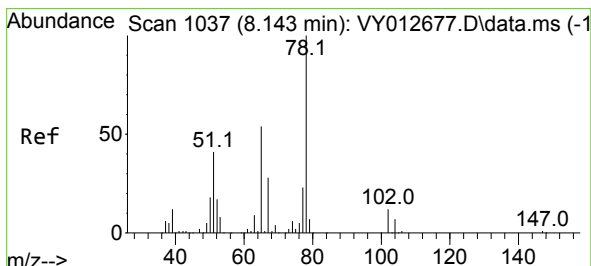
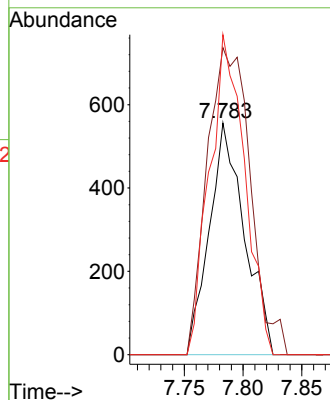
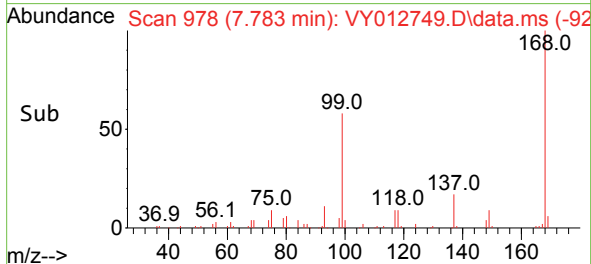


#31
Cyclohexane
Concen: 1.141 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012749.D
Acq: 01 Mar 2023 14:54

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-022723RE

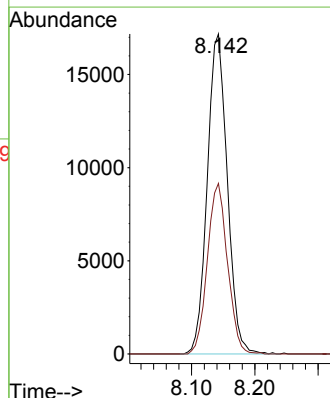
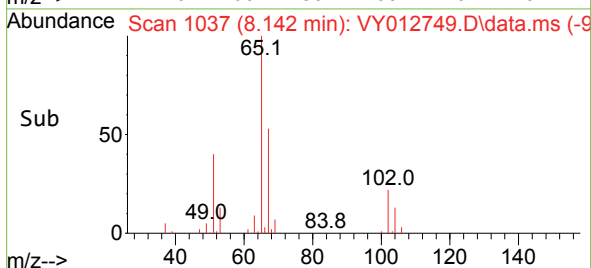
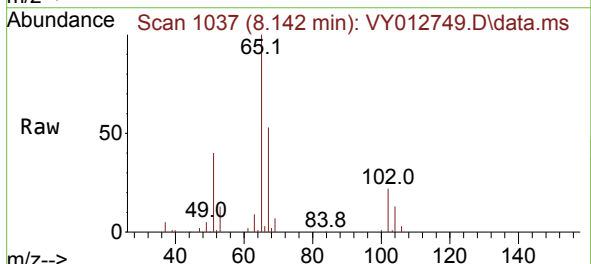


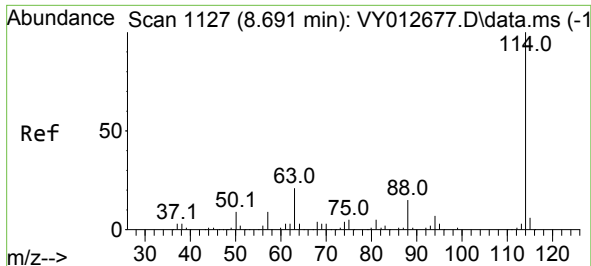
Tgt Ion: 56 Resp: 1157
Ion Ratio Lower Upper
56 100
69 132.6 25.4 38.2#
84 138.1 67.3 100.9#



#33
1,2-Dichloroethane-d4
Concen: 64.728 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012749.D
Acq: 01 Mar 2023 14:54

Tgt Ion: 65 Resp: 37779
Ion Ratio Lower Upper
65 100
67 53.6 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012749.D

Acq: 01 Mar 2023 14:54

Instrument :

MSVOA_Y

ClientSampleId :

EO-01-022723RE

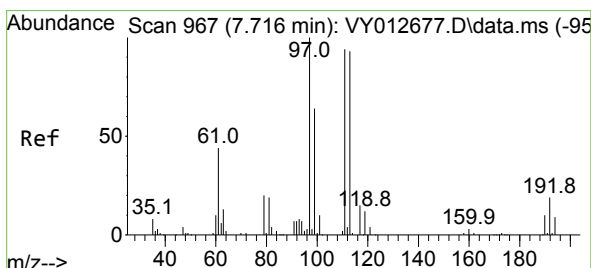
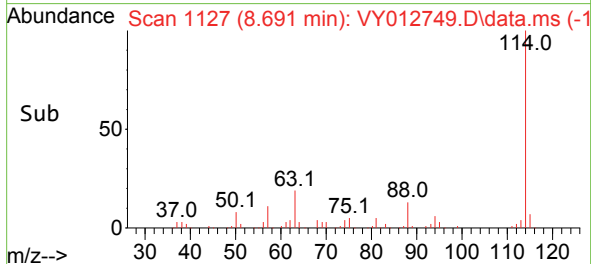
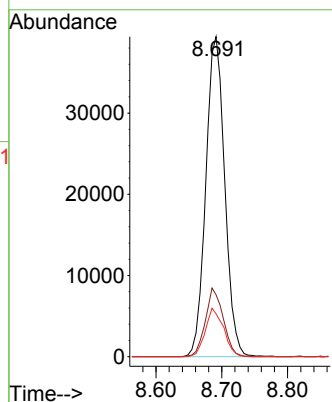
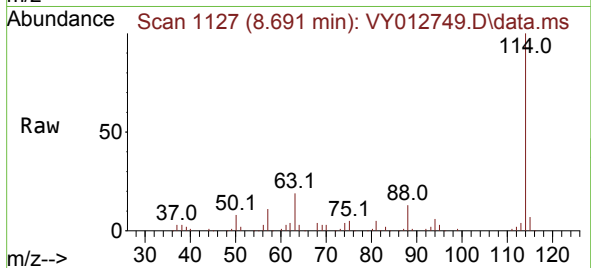
Tgt Ion:114 Resp: 78825

Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.8

88 13.4 0.0 29.6



#35

Dibromofluoromethane

Concen: 69.505 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012749.D

Acq: 01 Mar 2023 14:54

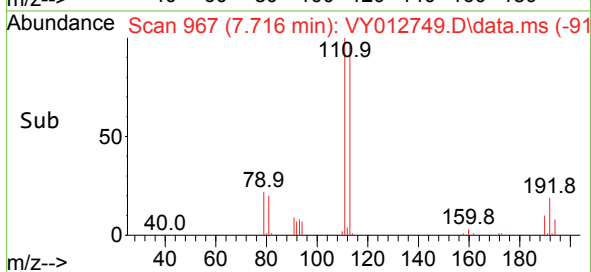
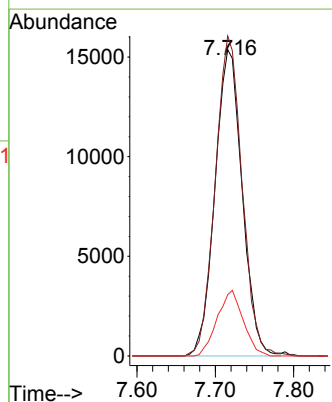
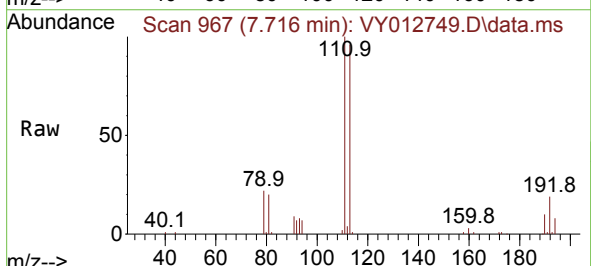
Tgt Ion:113 Resp: 37005

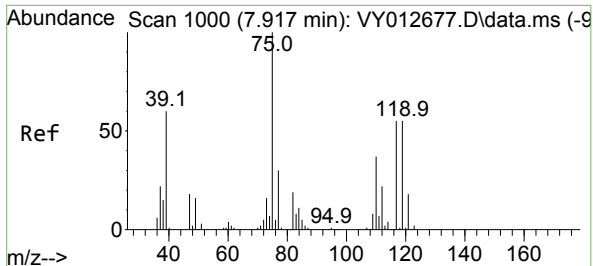
Ion Ratio Lower Upper

113 100

111 103.1 82.0 123.0

192 20.5 16.2 24.2





#36

1,1-Dichloropropene

Concen: 4.572 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY012749.D

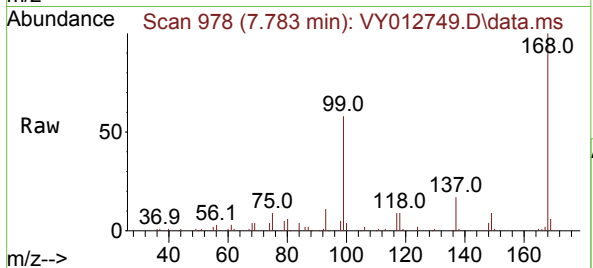
Acq: 01 Mar 2023 14:54

Instrument :

MSVOA_Y

ClientSampleId :

EO-01-022723RE



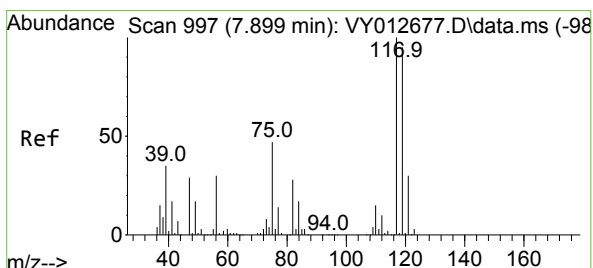
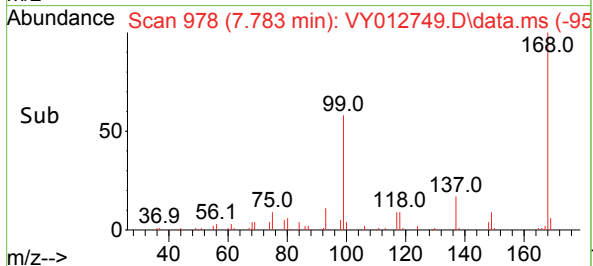
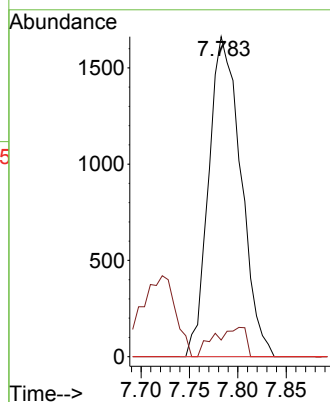
Tgt Ion: 75 Resp: 3858

Ion Ratio Lower Upper

75 100

110 8.9 17.6 52.8#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.516 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.104 min

Lab File: VY012749.D

Acq: 01 Mar 2023 14:54

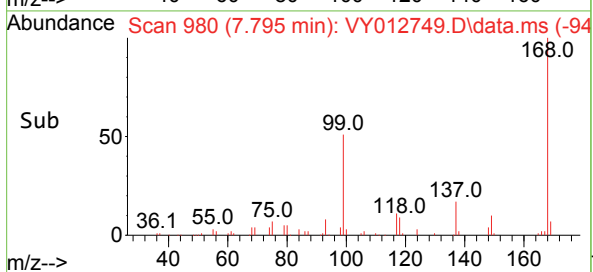
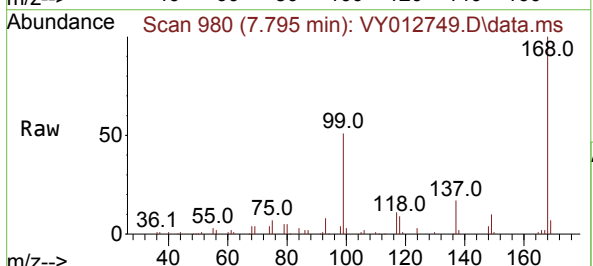
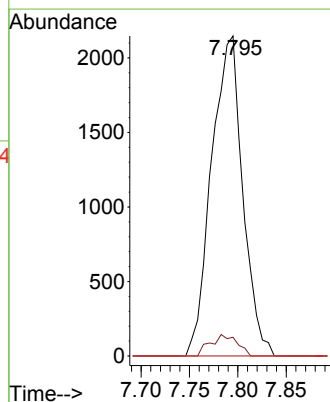
Tgt Ion: 117 Resp: 4813

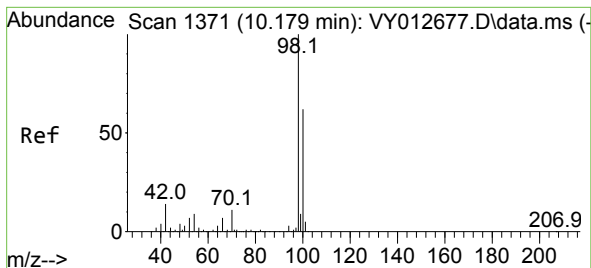
Ion Ratio Lower Upper

117 100

119 5.9 75.5 113.3#

121 0.0 23.8 35.8#





#50

Toluene-d8

Concen: 61.309 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012749.D

Acq: 01 Mar 2023 14:54

Instrument :

MSVOA_Y

ClientSampleId :

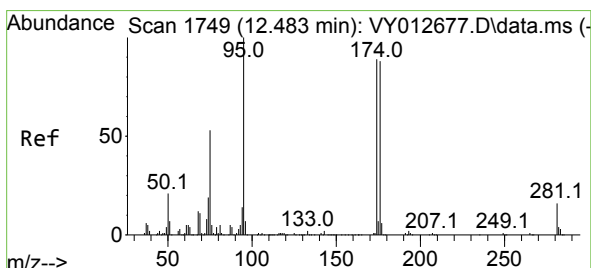
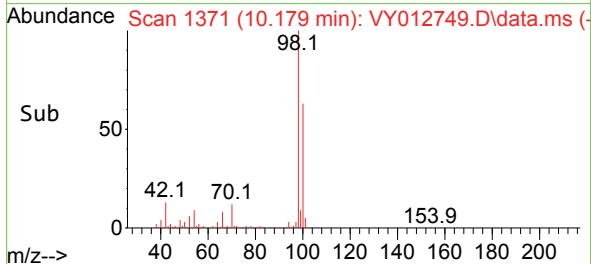
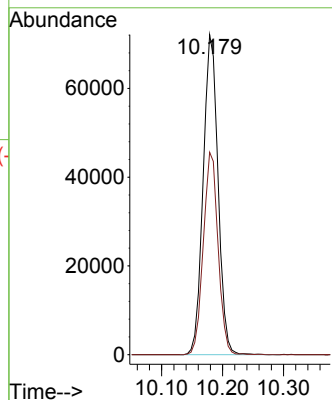
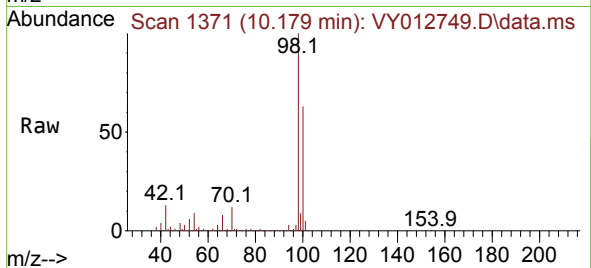
EO-01-022723RE

Tgt Ion: 98 Resp: 122288

Ion Ratio Lower Upper

98 100

100 62.8 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 59.159 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012749.D

Acq: 01 Mar 2023 14:54

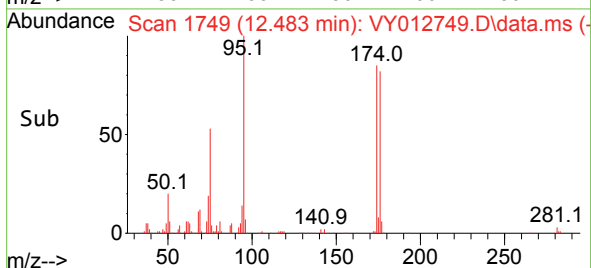
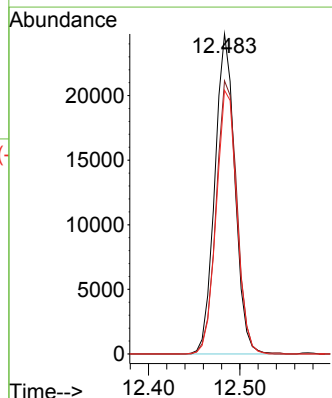
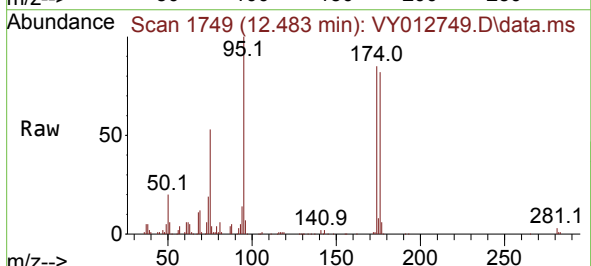
Tgt Ion: 95 Resp: 37761

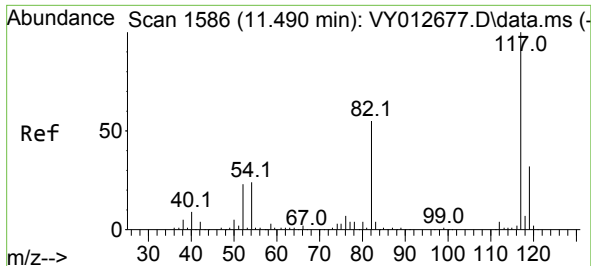
Ion Ratio Lower Upper

95 100

174 88.8 0.0 172.8

176 84.8 0.0 169.4

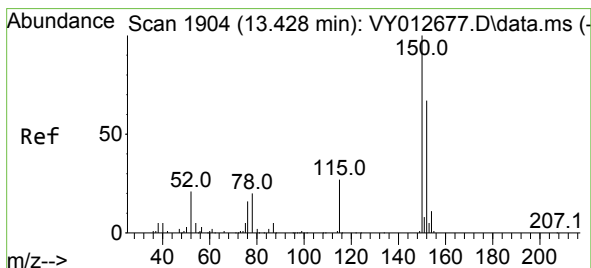
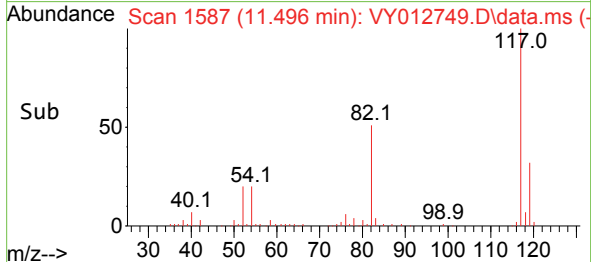
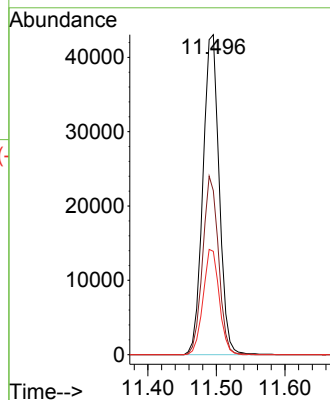
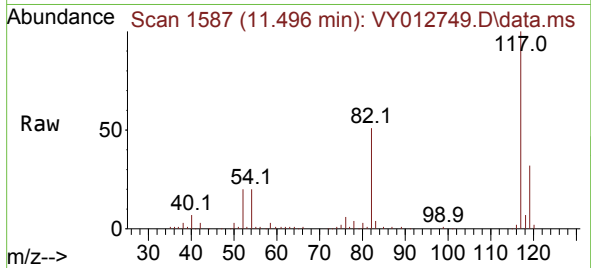




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.005 min
Lab File: VY012749.D
Acq: 01 Mar 2023 14:54

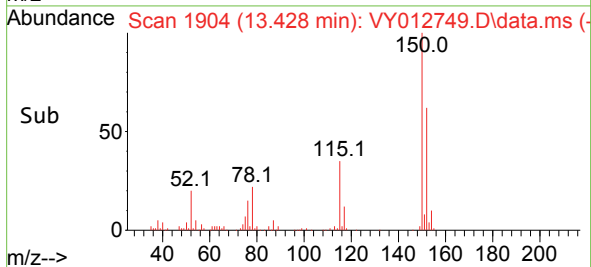
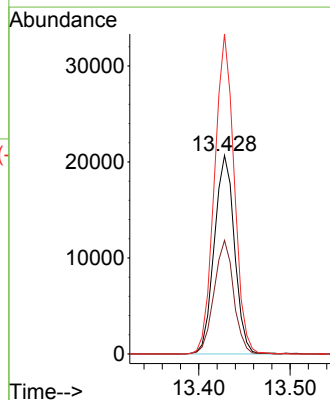
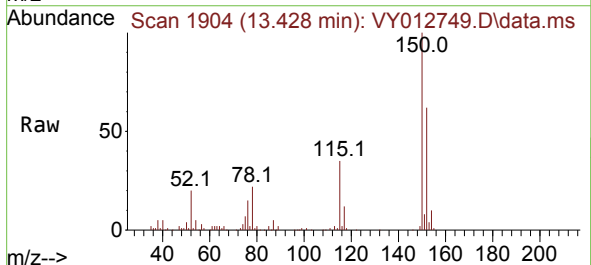
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-022723RE

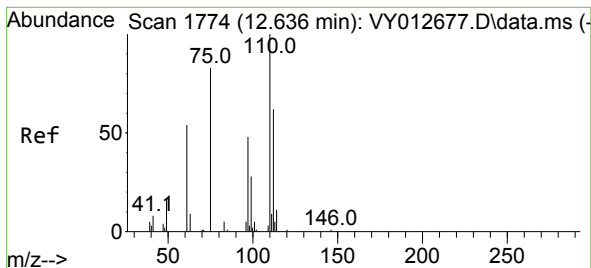
Tgt Ion:117 Resp: 71142
Ion Ratio Lower Upper
117 100
82 51.2 44.1 66.1
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY012749.D
Acq: 01 Mar 2023 14:54

Tgt Ion:152 Resp: 31757
Ion Ratio Lower Upper
152 100
115 55.6 28.7 86.3
150 157.1 0.0 347.6





#76

1,2,3-Trichloropropane

Concen: 50.017 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.153 min

Lab File: VY012749.D

Acq: 01 Mar 2023 14:54

Instrument :

MSVOA_Y

ClientSampleId :

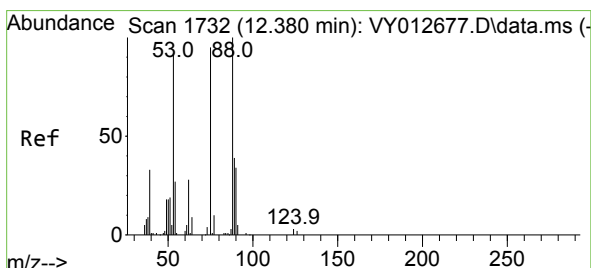
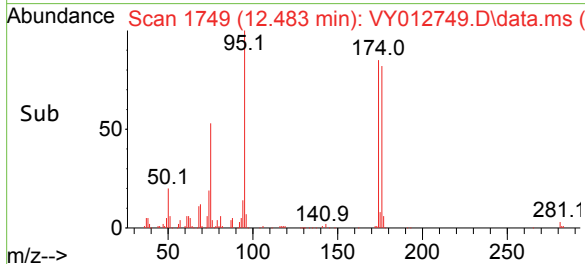
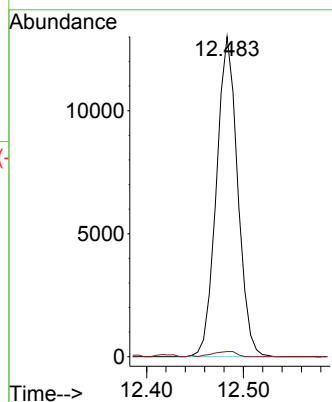
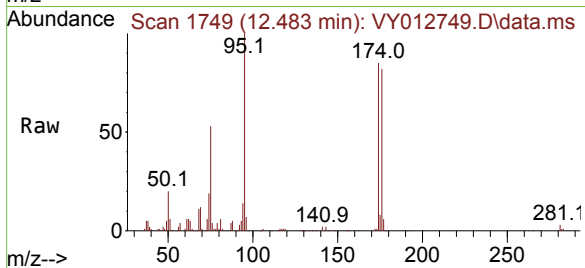
EO-01-022723RE

Tgt Ion: 75 Resp: 19802

Ion Ratio Lower Upper

75 100

77 1.9 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 105.961 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.103 min

Lab File: VY012749.D

Acq: 01 Mar 2023 14:54

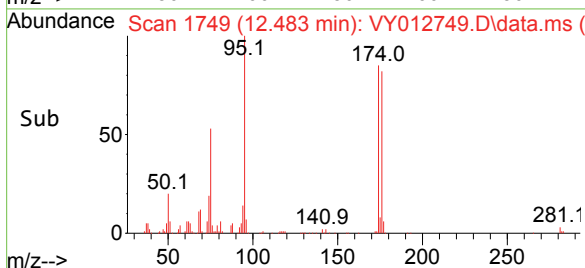
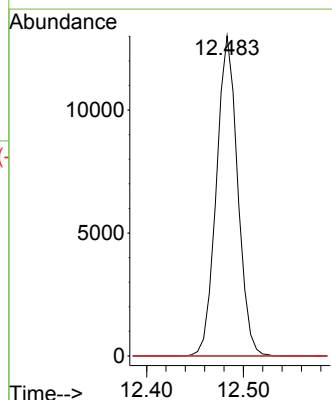
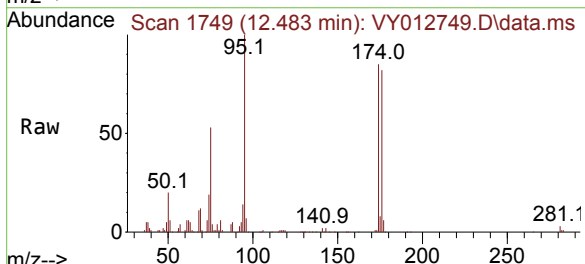
Tgt Ion: 75 Resp: 19802

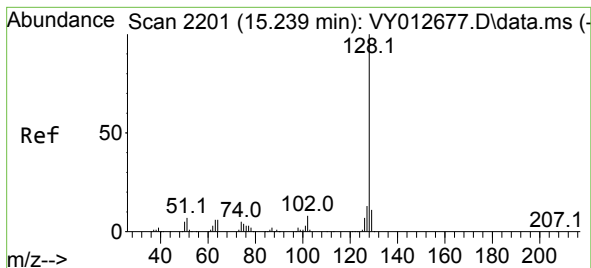
Ion Ratio Lower Upper

75 100

53 0.0 80.4 120.6#

89 0.0 36.5 54.7#





#95

Naphthalene

Concen: 1.071 ug/l

RT: 15.245 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY012749.D

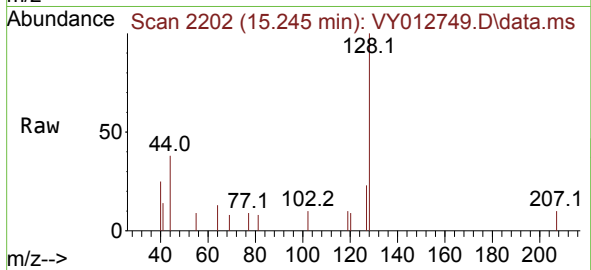
Acq: 01 Mar 2023 14:54

Instrument :

MSVOA_Y

ClientSampleId :

EO-01-022723RE



Tgt Ion:128 Resp: 1346

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 0.0 9.0 13.6#

