

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
 Data File : VY006937.D
 Acq On : 04 Dec 2021 13:36
 Operator : SY/MD
 Sample : M4884-07
 Misc : 4.47g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EW9J3

Quant Time: Dec 05 06:07:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLM120321SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 04 02:26:29 2021
 Response via : Initial Calibration

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

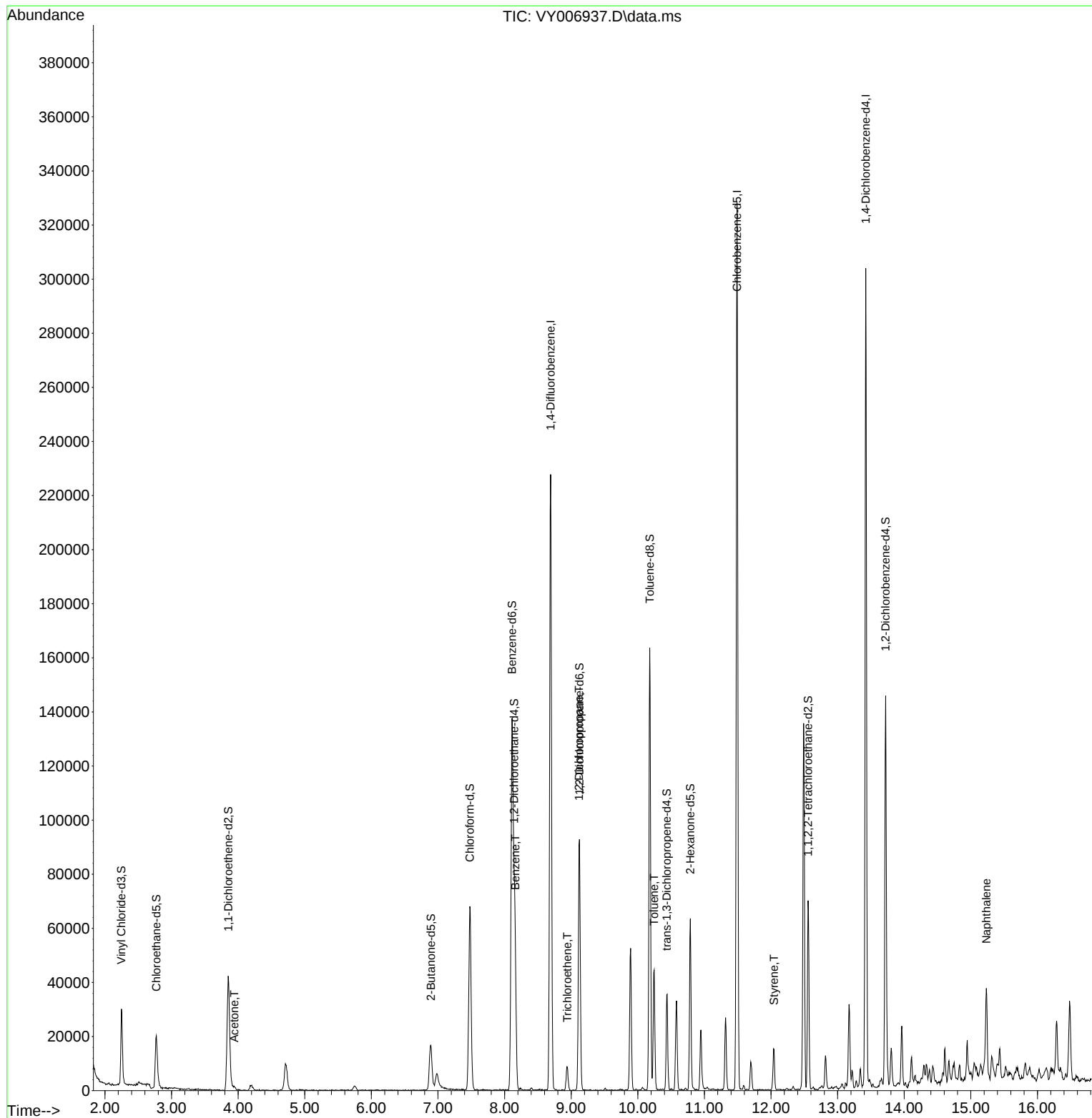
Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	184932	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	166276	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	73858	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	27855	11.695	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	46.800%
7) Chloroethane-d5	2.772	69	23859	12.770	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.080%
11) 1,1-Dichloroethene-d2	3.851	63	42107	8.504	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	34.000%#
21) 2-Butanone-d5	6.893	46	32209	35.012	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.020%
24) Chloroform-d	7.478	84	66127	14.348	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	57.400%
26) 1,2-Dichloroethane-d4	8.143	65	41884	15.140	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	60.560%#
32) Benzene-d6	8.112	84	120966	13.696	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	54.800%
36) 1,2-Dichloropropane-d6	9.124	67	42213	15.211	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	60.840%#
41) Toluene-d8	10.179	98	101669	12.290	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	49.160%
43) trans-1,3-Dichloroprop...	10.435	79	18673	13.911	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	55.640%
47) 2-Hexanone-d5	10.788	63	20072	31.251	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.500%
56) 1,1,2,2-Tetrachloroeth...	12.556	84	32915	14.236	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	56.960%
66) 1,2-Dichlorobenzene-d4	13.721	152	33525	13.919	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	55.680%#
Target Compounds						
					Qvalue	
13) Acetone	3.942	43	1201	1.425	ug/L	51
33) Benzene	8.161	78	30860	2.761	ug/L	100
34) Trichloroethene	8.941	95	3009	1.093	ug/L	82
37) 1,2-Dichloropropane	9.118	63	4718	1.646	ug/L #	87
42) Toluene	10.246	91	31367	2.630	ug/L	96
55) Styrene	12.044	104	6696	0.839	ug/L	99
71) Naphthalene	15.233	128	25657	4.796	ug/L	98

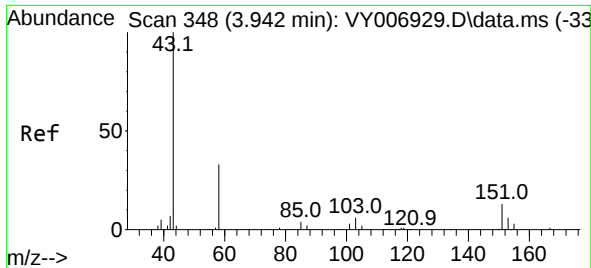
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Dec 04 02:26:29 2021
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#13

Acetone

Concen: 1.425 ug/L

RT: 3.942 min Scan# 348

Delta R.T. -0.000 min

Lab File: VY006937.D

Acq: 04 Dec 2021 13:36

Instrument :

MSVOA_Y

ClientSampleId :

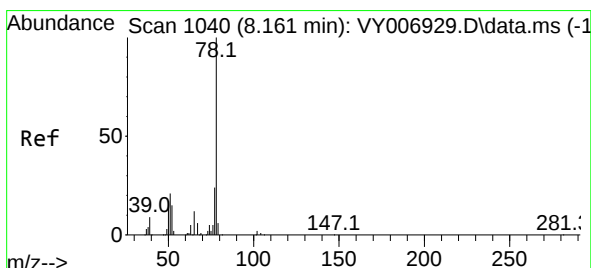
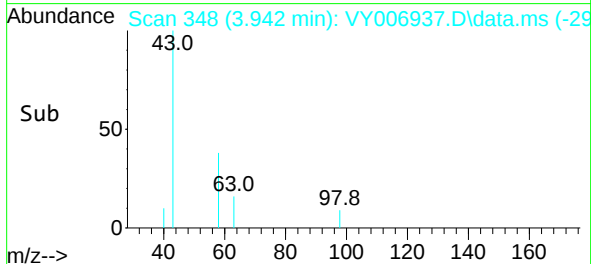
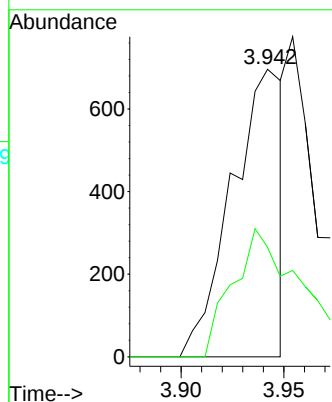
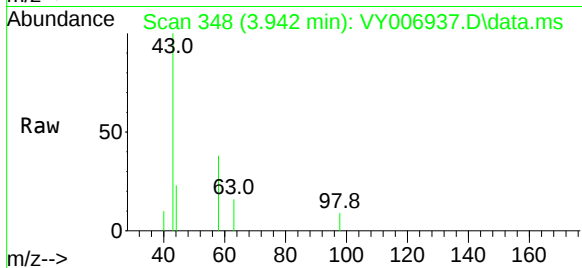
EW9J3

Tgt Ion: 43 Resp: 1201

Ion Ratio Lower Upper

43 100

58 56.9 0.0 60.8



#33

Benzene

Concen: 2.761 ug/L

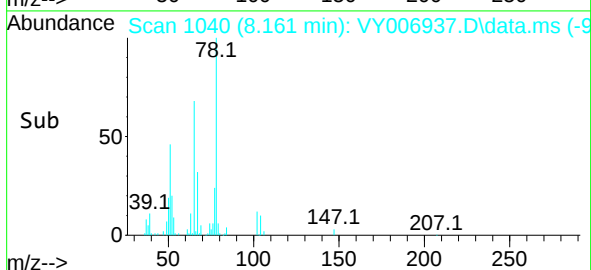
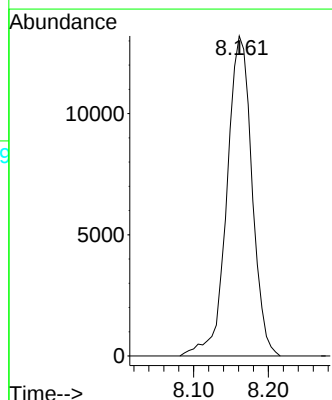
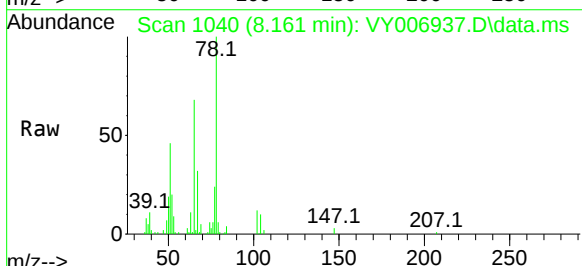
RT: 8.161 min Scan# 1040

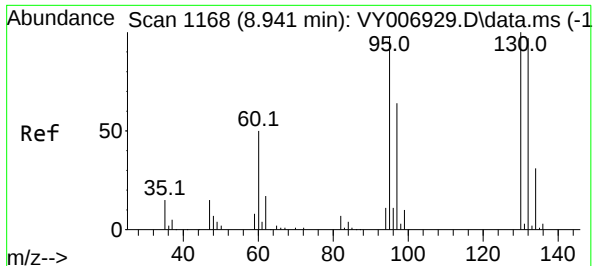
Delta R.T. -0.000 min

Lab File: VY006937.D

Acq: 04 Dec 2021 13:36

Tgt Ion: 78 Resp: 30860





#34

Trichloroethene

Concen: 1.093 ug/L

RT: 8.941 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VY006937.D

Acq: 04 Dec 2021 13:36

Instrument :

MSVOA_Y

ClientSampleId :

EW9J3

Tgt Ion: 95 Resp: 3009

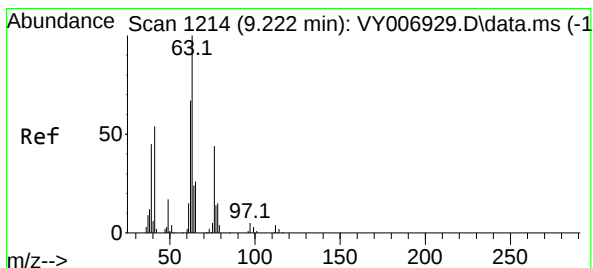
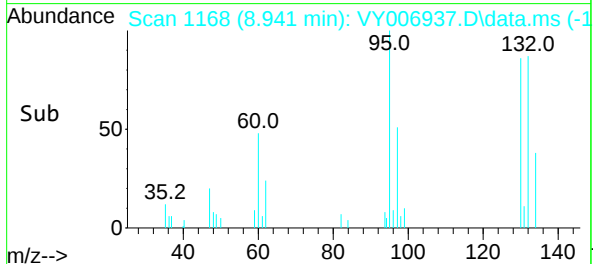
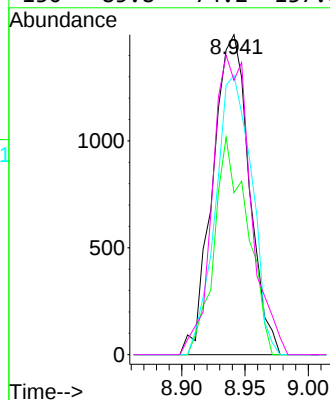
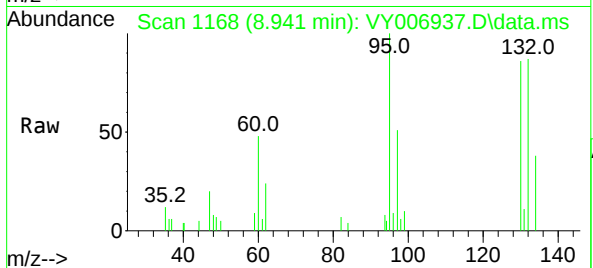
Ion Ratio Lower Upper

95 100

97 50.6 47.3 87.8

132 87.3 71.3 132.5

130 85.8 74.2 137.8



#37

1,2-Dichloropropane

Concen: 1.646 ug/L

RT: 9.118 min Scan# 1197

Delta R.T. -0.098 min

Lab File: VY006937.D

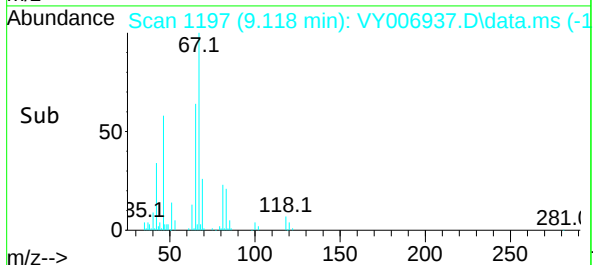
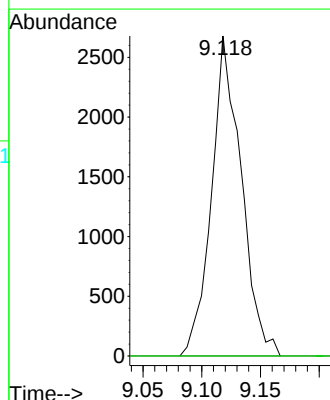
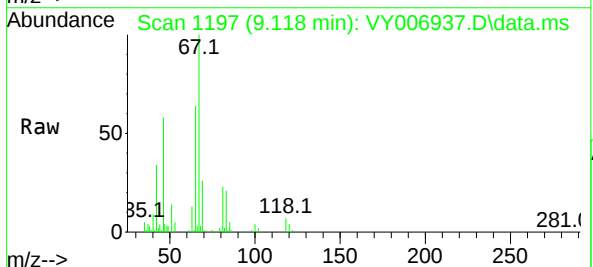
Acq: 04 Dec 2021 13:36

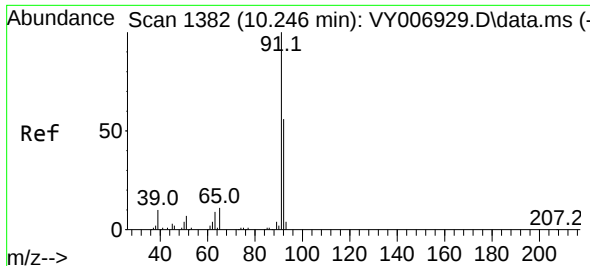
Tgt Ion: 63 Resp: 4718

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#

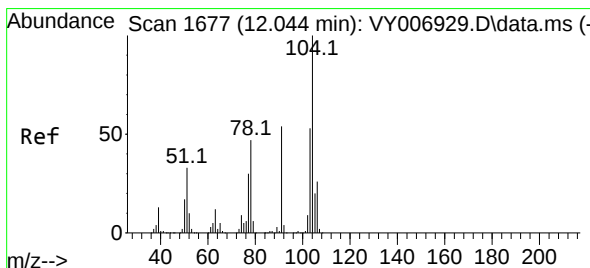
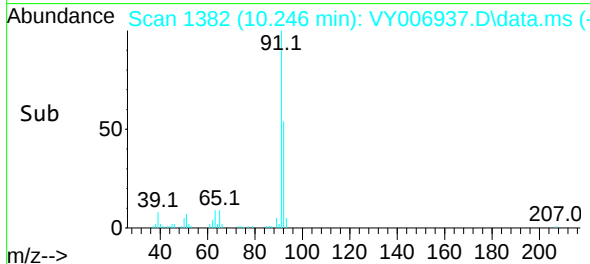
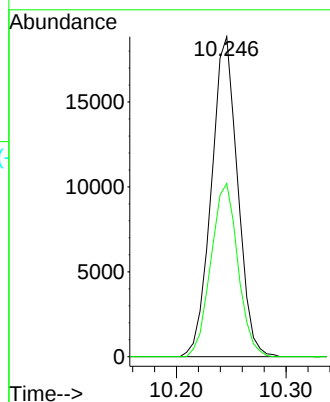
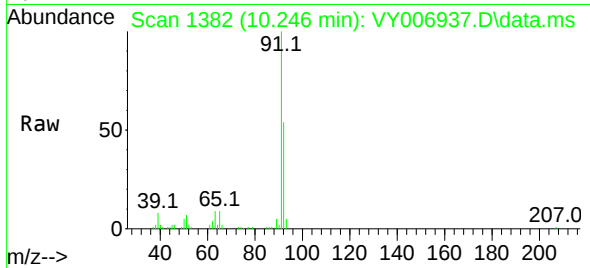




#42
Toluene
Concen: 2.630 ug/L
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY006937.D
Acq: 04 Dec 2021 13:36

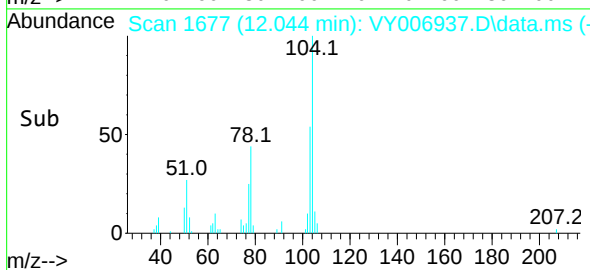
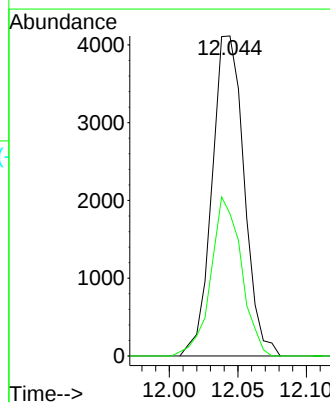
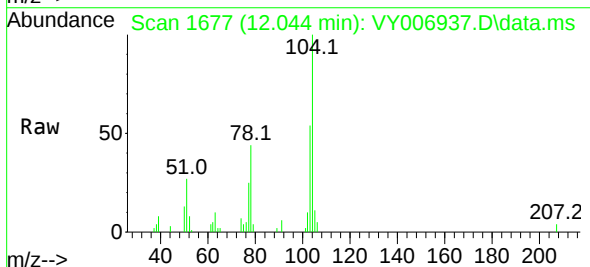
Instrument :
MSVOA_Y
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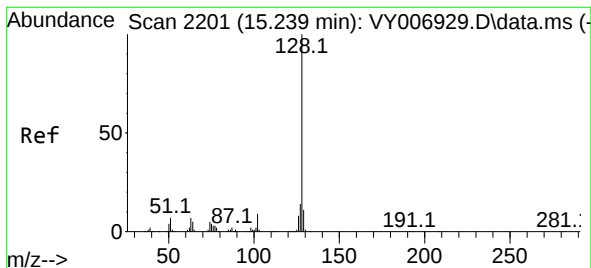
Tgt Ion: 91 Resp: 31367
Ion Ratio Lower Upper
91 100
92 54.1 39.8 74.0



#55
Styrene
Concen: 0.839 ug/L
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY006937.D
Acq: 04 Dec 2021 13:36

Tgt Ion: 104 Resp: 6696
Ion Ratio Lower Upper
104 100
78 44.4 30.8 57.2





#71

Naphthalene

Concen: 4.796 ug/L

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY006937.D

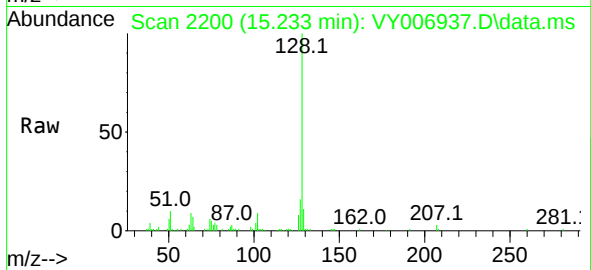
Acq: 04 Dec 2021 13:36

Instrument :

MSVOA_Y

ClientSampleId :

EW9J3



Tgt Ion:128 Resp: 25657

Ion Ratio Lower Upper

128 100

127 13.6 10.8 16.2

129 12.6 8.7 13.1

