

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
 Data File : VY006934.D
 Acq On : 04 Dec 2021 12:30
 Operator : SY/MD
 Sample : M4884-04
 Misc : 4.24g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EW9J0

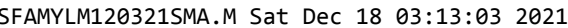
Quant Time: Dec 05 06:07:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM120321SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 04 02:26:29 2021
 Response via : Initial Calibration

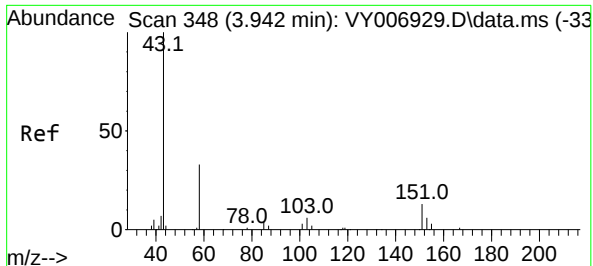
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	190024	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	171184	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	72126	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	38672	15.801	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.200%
7) Chloroethane-d5	2.772	69	34779	18.116	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.480%
11) 1,1-Dichloroethene-d2	3.851	63	61995	12.185	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.720%
21) 2-Butanone-d5	6.887	46	54220	57.360	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.720%
24) Chloroform-d	7.478	84	99540	21.019	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.080%
26) 1,2-Dichloroethane-d4	8.143	65	65137	22.915	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.640%
32) Benzene-d6	8.112	84	186135	20.470	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.880%
36) 1,2-Dichloropropane-d6	9.124	67	62724	21.954	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.800%
41) Toluene-d8	10.179	98	161638	18.979	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.920%
43) trans-1,3-Dichloroprop...	10.435	79	29049	21.021	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.080%
47) 2-Hexanone-d5	10.789	63	37292	56.396	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.800%
56) 1,1,2,2-Tetrachloroeth...	12.557	84	59480	24.989	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.960%
66) 1,2-Dichlorobenzene-d4	13.721	152	54275	23.075	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.320%
Target Compounds						Qvalue
13) Acetone	3.942	43	2990	3.451	ug/L	97
27) 1,2-Dichloroethane	8.240	62	2594	0.689	ug/L #	93
42) Toluene	10.246	91	8431	0.687	ug/L	99
62) 1,3,5-Trimethylbenzene	12.813	105	11112	1.280	ug/L	97
63) 1,2,4-Trimethylbenzene	13.117	105	19052	2.244	ug/L	98

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

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#13

Acetone

Concen: 3.451 ug/L

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

Lab File: VY006934.D

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Instrument :

MSVOA_Y

ClientSampleId :

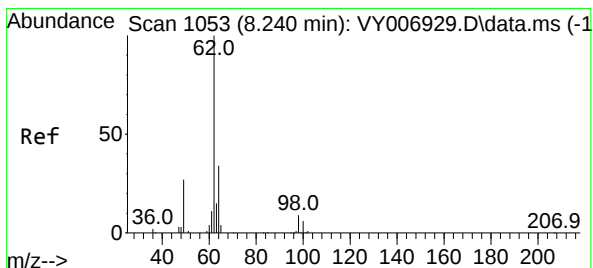
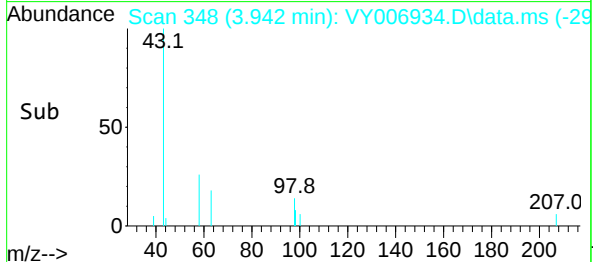
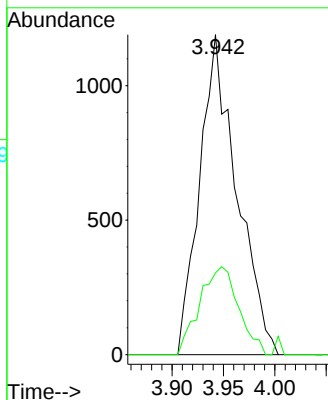
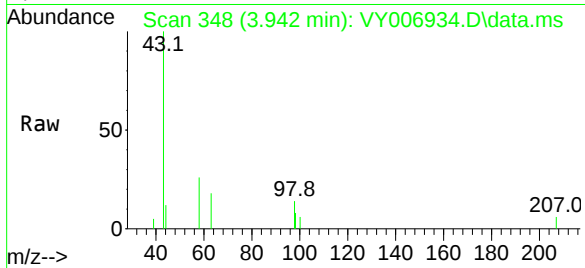
EW9J0

Tgt Ion: 43 Resp: 2990

Ion Ratio Lower Upper

43 100

58 28.8 0.0 60.8



#27

1,2-Dichloroethane

Concen: 0.689 ug/L

RT: 8.240 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VY006934.D

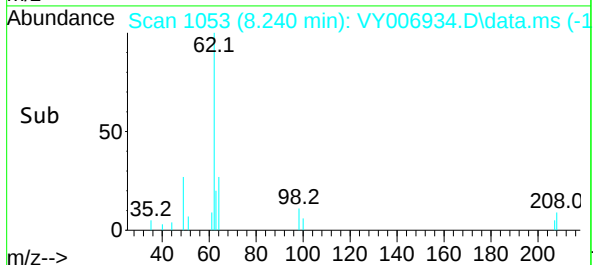
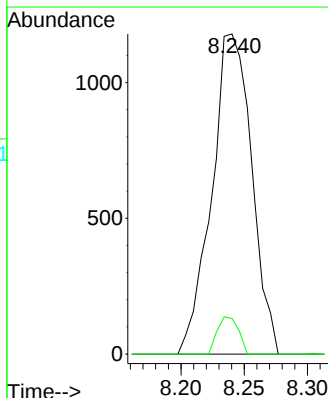
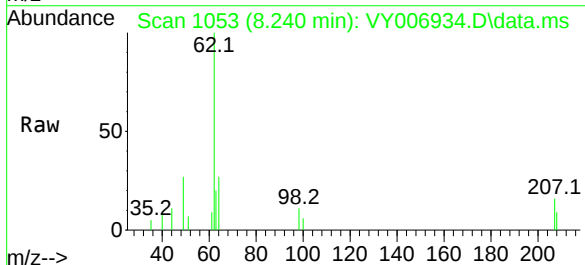
Acq: 04 Dec 2021 12:30

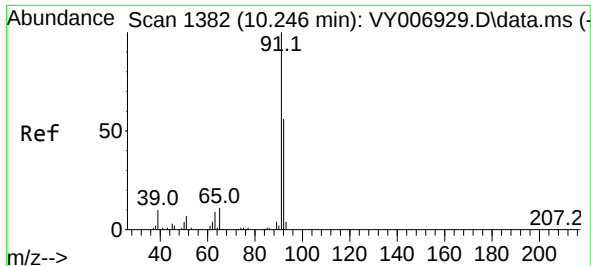
Tgt Ion: 62 Resp: 2594

Ion Ratio Lower Upper

62 100

98 11.1 6.9 10.3#

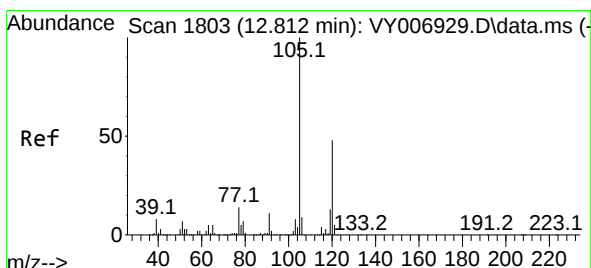
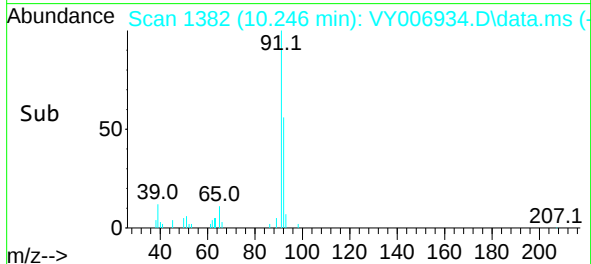
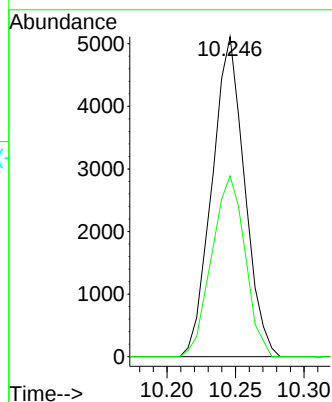
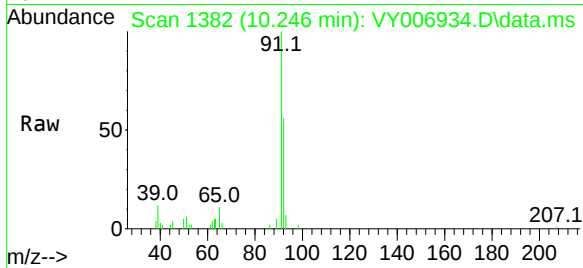




#42
Toluene
Concen: 0.687 ug/L
RT: 10.246 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006934.D
Acq: 04 Dec 2021 12:30

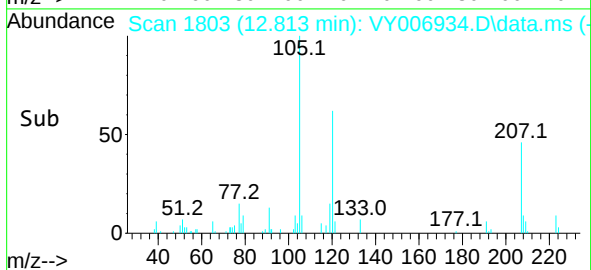
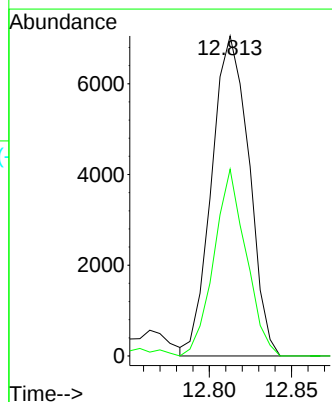
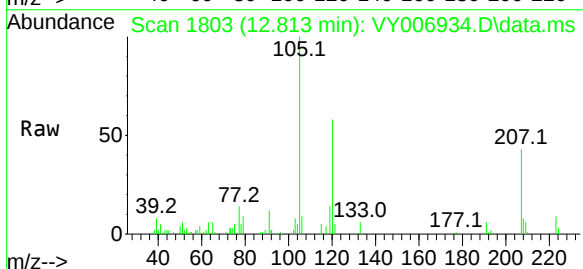
Instrument :
MSVOA_Y
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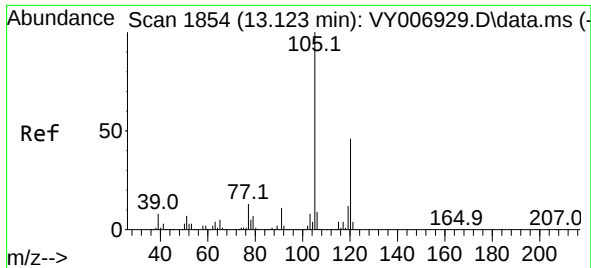
Tgt Ion: 91 Resp: 8431
Ion Ratio Lower Upper
91 100
92 56.4 39.8 74.0



#62
1,3,5-Trimethylbenzene
Concen: 1.280 ug/L
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY006934.D
Acq: 04 Dec 2021 12:30

Tgt Ion: 105 Resp: 11112
Ion Ratio Lower Upper
105 100
120 50.4 39.0 58.4





#63
 1,2,4-Trimethylbenzene
 Concen: 2.244 ug/L
 RT: 13.117 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY006934.D
 Acq: 04 Dec 2021 12:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 EW9J0

Tgt Ion:105 Resp: 19052
 Ion Ratio Lower Upper
 105 100
 120 46.0 36.0 54.0

