

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061824\
 Data File : VV036123.D
 Acq On : 18 Jun 2024 16:49
 Operator : SY/MD
 Sample : P2873-19
 Misc : 2.83g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0SK8

Quant Time: Jun 19 03:31:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 19 03:24:16 2024
 Response via : Initial Calibration

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

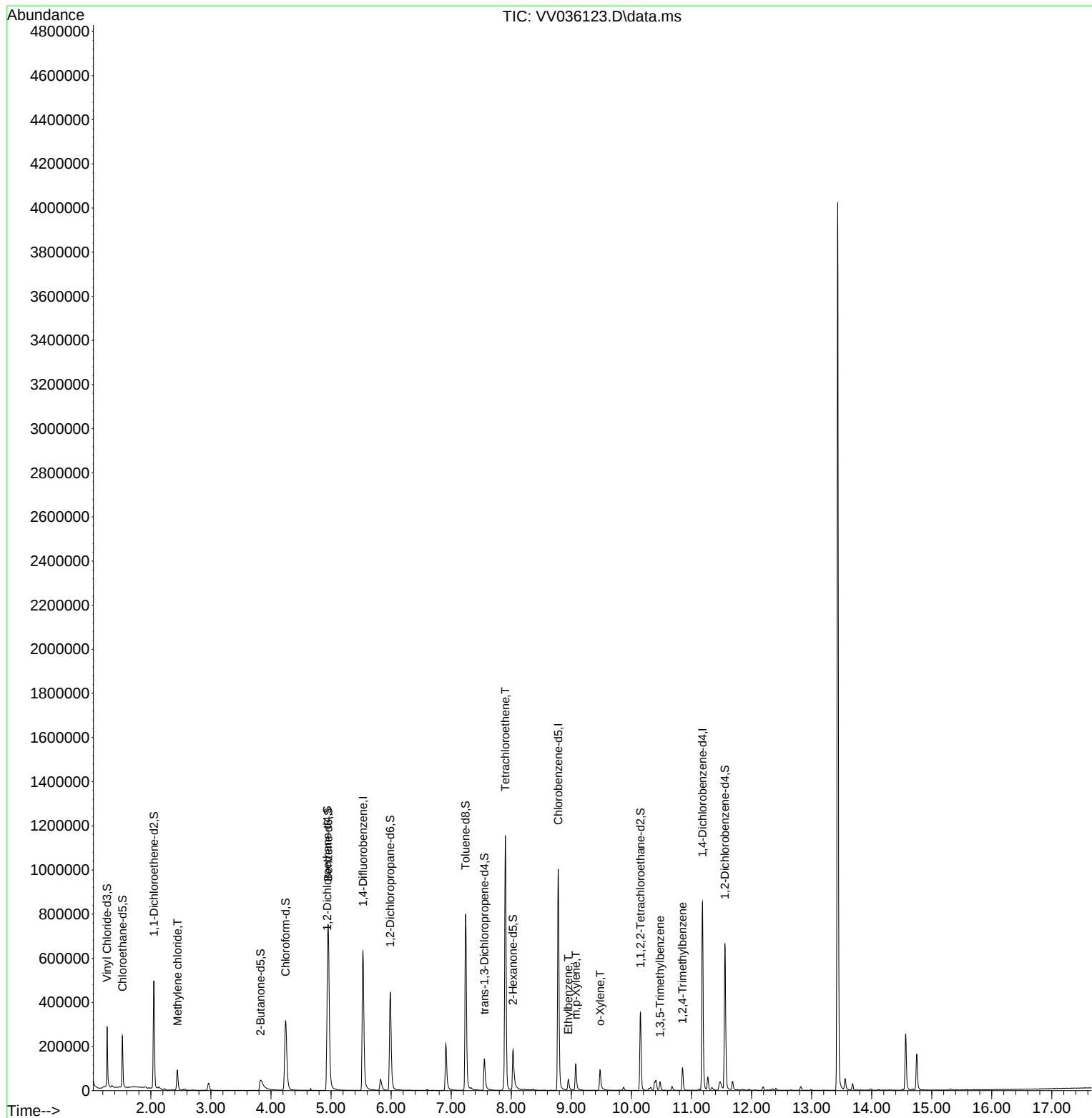
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	547602	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	553078	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	220579	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	182635	18.141	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.560%
7) Chloroethane-d5	1.526	69	154318	19.223	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.880%
11) 1,1-Dichloroethene-d2	2.050	65	84293	18.808	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.240%
21) 2-Butanone-d5	3.825	46	94758	41.023	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.040%
24) Chloroform-d	4.243	84	349747	20.089	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.360%
26) 1,2-Dichloroethane-d4	4.937	65	210254	23.034	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.120%
32) Benzene-d6	4.954	84	666031	20.259	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.040%
36) 1,2-Dichloropropane-d6	5.986	67	225789	21.809	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.240%
41) Toluene-d8	7.240	98	549928	18.958	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.840%
43) trans-1,3-Dichloroprop...	7.551	79	89238	21.022	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.080%
47) 2-Hexanone-d5	8.031	63	69316	49.416	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.840%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	174919	22.610	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.440%
66) 1,2-Dichlorobenzene-d4	11.558	152	169950	21.010	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.040%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.442	84	38639	3.118	ug/L	97
46) Tetrachloroethene	7.902	164	260029	32.070	ug/L	98
52) Ethylbenzene	8.950	91	36356	0.919	ug/L	97
53) m,p-Xylene	9.076	106	33798	2.275	ug/L	95
54) o-Xylene	9.481	106	24998	1.784	ug/L	93
62) 1,3,5-Trimethylbenzene	10.477	105	20481	0.998	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	54275	2.455	ug/L	98

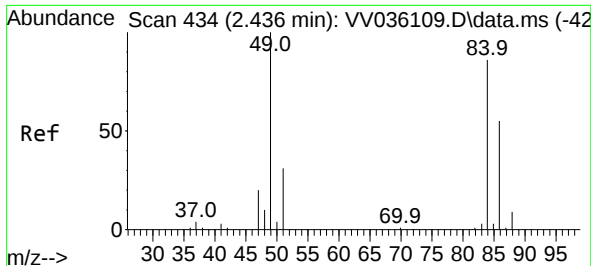
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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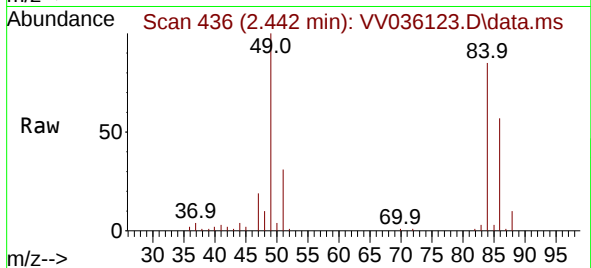
Quant Time: Jun 19 03:31:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 19 03:24:16 2024
Response via : Initial Calibration



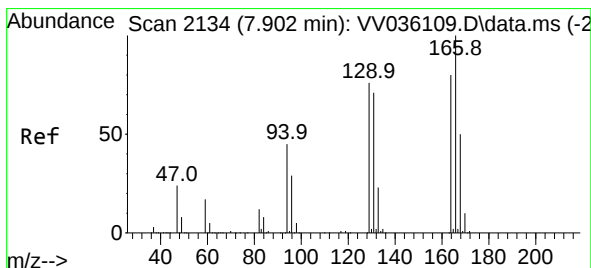
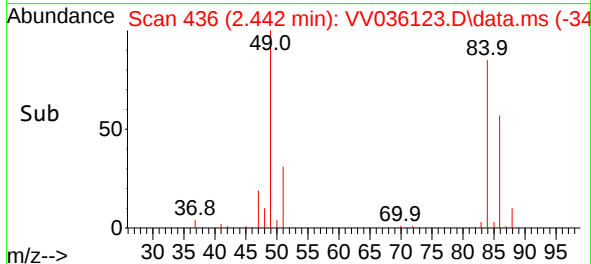
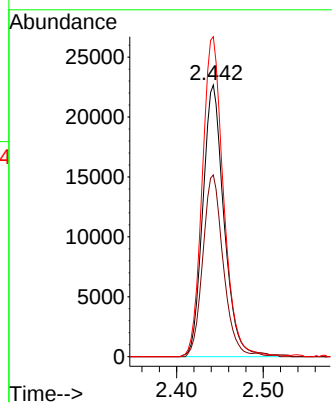


#16
Methylene chloride
Concen: 3.118 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.007 min
Lab File: VV036123.D
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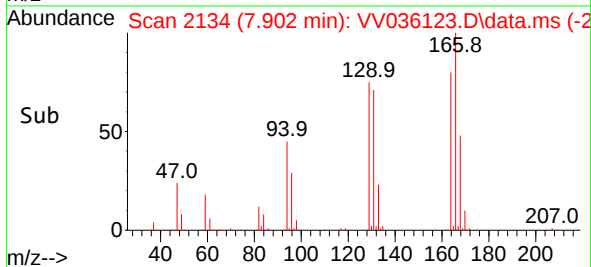
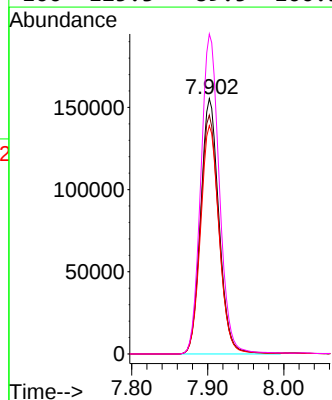
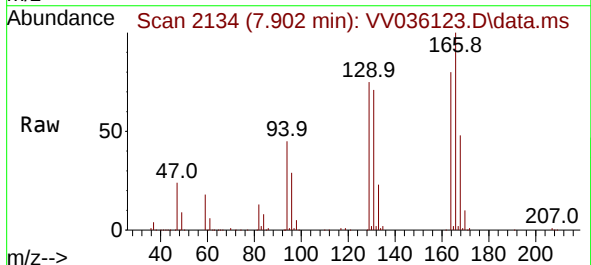


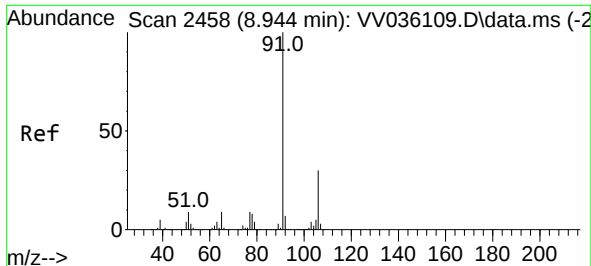
Tgt Ion: 84 Resp: 38639
Ion Ratio Lower Upper
84 100
86 66.9 44.6 82.8
49 117.8 81.1 150.5



#46
Tetrachloroethene
Concen: 32.070 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV036123.D
Acq: 18 Jun 2024 16:49

Tgt Ion:164 Resp: 260029
Ion Ratio Lower Upper
164 100
129 93.6 64.6 120.0
131 89.4 63.2 117.4
166 125.3 89.5 166.3

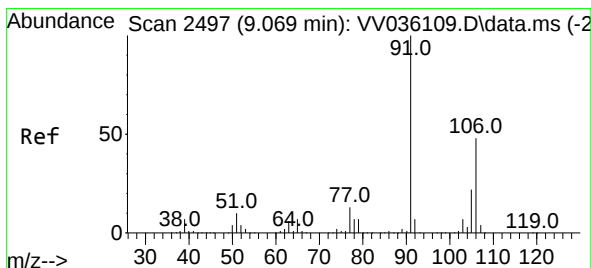
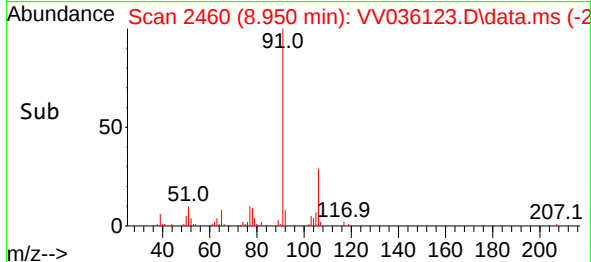
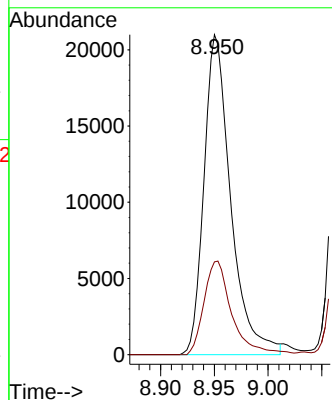
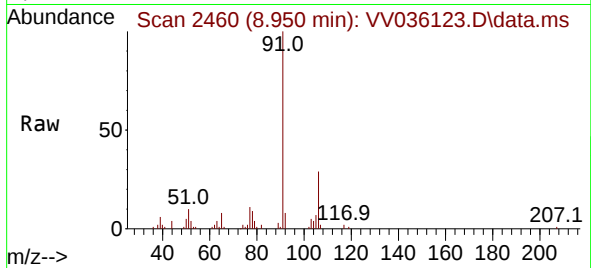




#52
Ethylbenzene
Concen: 0.919 ug/L
RT: 8.950 min Scan# 2458
Delta R.T. 0.007 min
Lab File: VV036123.D
Acq: 18 Jun 2024 16:49

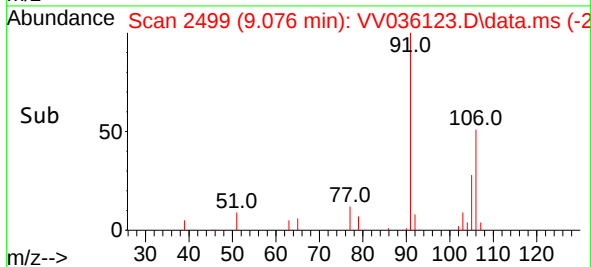
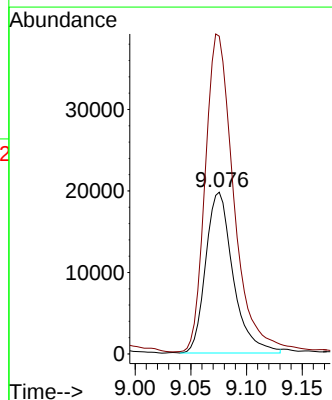
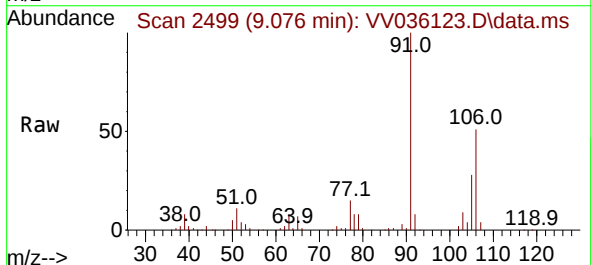
Instrument :
MSVOA_V
ClientSampleId :
C0SK8

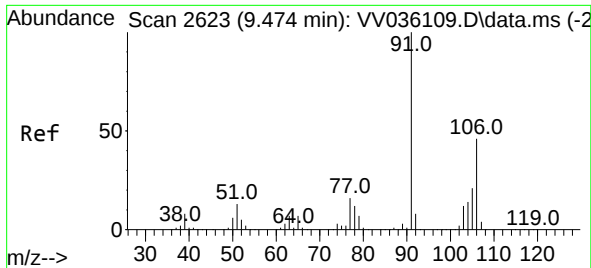
Tgt Ion: 91 Resp: 36356
Ion Ratio Lower Upper
91 100
106 29.0 21.6 40.0



#53
m,p-Xylene
Concen: 2.275 ug/L
RT: 9.076 min Scan# 2499
Delta R.T. 0.007 min
Lab File: VV036123.D
Acq: 18 Jun 2024 16:49

Tgt Ion: 106 Resp: 33798
Ion Ratio Lower Upper
106 100
91 196.5 143.1 265.9

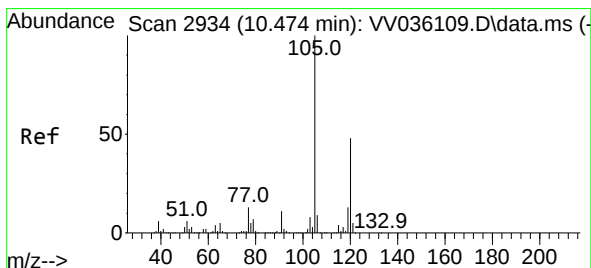
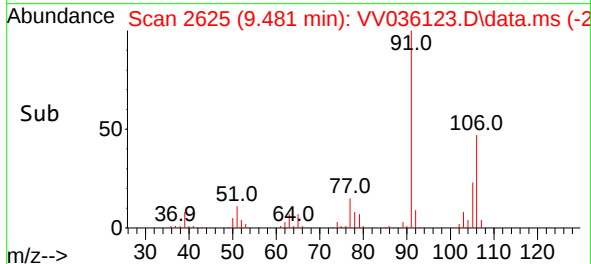
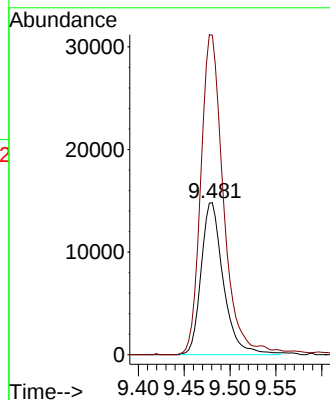
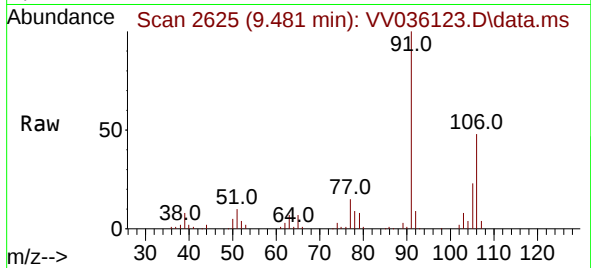




#54
o-Xylene
Concen: 1.784 ug/L
RT: 9.481 min Scan# 20
Delta R.T. 0.007 min
Lab File: VV036123.D
Acq: 18 Jun 2024 16:49

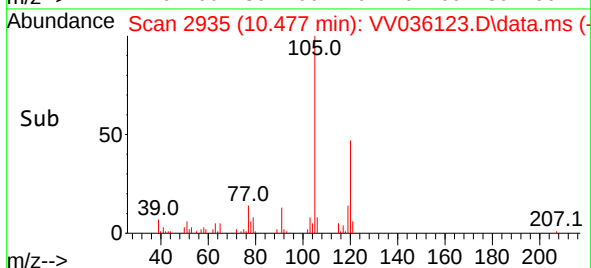
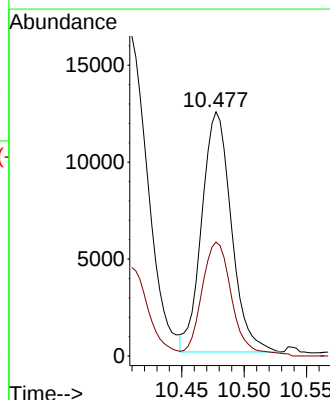
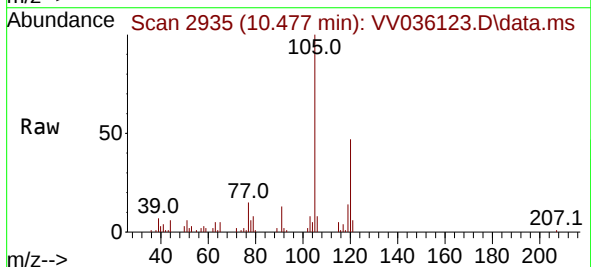
Instrument :
MSVOA_V
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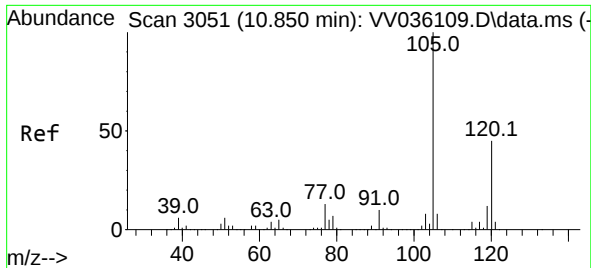
Tgt Ion:106 Resp: 24998
Ion Ratio Lower Upper
106 100
91 210.2 154.5 286.9



#62
1,3,5-Trimethylbenzene
Concen: 0.998 ug/L
RT: 10.477 min Scan# 2935
Delta R.T. 0.003 min
Lab File: VV036123.D
Acq: 18 Jun 2024 16:49

Tgt Ion:105 Resp: 20481
Ion Ratio Lower Upper
105 100
120 48.4 38.6 58.0





#63
 1,2,4-Trimethylbenzene
 Concen: 2.455 ug/L
 RT: 10.850 min Scan# 3051
 Delta R.T. 0.000 min
 Lab File: VV036123.D
 Acq: 18 Jun 2024 16:49

Instrument :
 MSVOA_V
 ClientSampleId :
 C0SK8

Tgt Ion:105 Resp: 54275
 Ion Ratio Lower Upper
 105 100
 120 43.7 36.2 54.4

