

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062724\
 Data File : VV036322.D
 Acq On : 27 Jun 2024 21:56
 Operator : SY/MD
 Sample : P3035-21
 Misc : 5.26g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 28 05:07:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 28 04:20:38 2024
 Response via : Initial Calibration

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

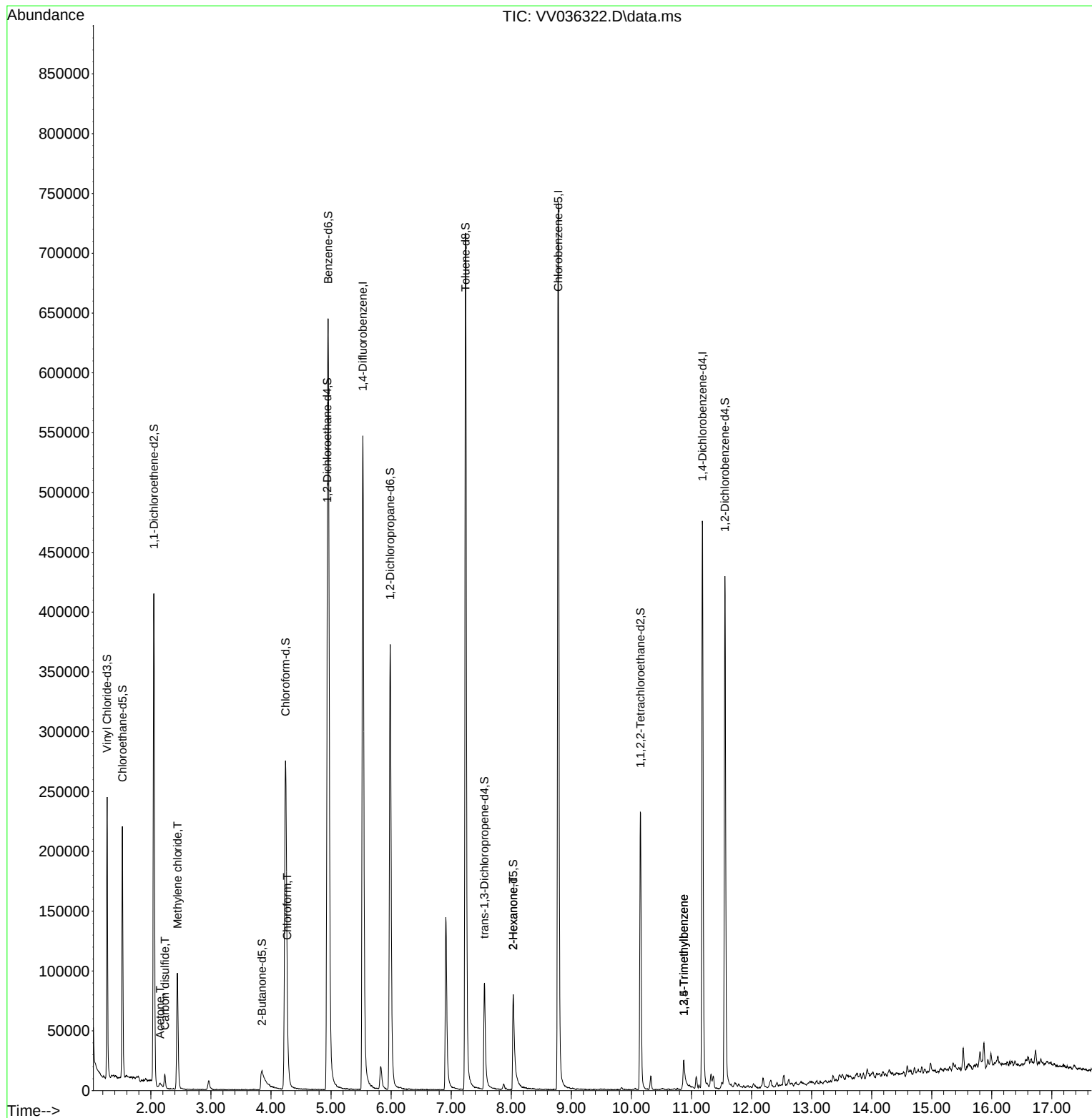
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	489687	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	423882	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	128167	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	158567	19.067	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.280%
7) Chloroethane-d5	1.526	69	142978	21.524	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.080%
11) 1,1-Dichloroethene-d2	2.050	65	70520	18.038	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.160%
21) 2-Butanone-d5	3.850	46	37966	19.670	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	39.340%
24) Chloroform-d	4.243	84	307953	21.305	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.240%
26) 1,2-Dichloroethane-d4	4.937	65	163603	21.224	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.880%
32) Benzene-d6	4.953	84	611295	25.547	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.200%
36) 1,2-Dichloropropane-d6	5.985	67	186841	25.960	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.840%
41) Toluene-d8	7.239	98	495907	22.986	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.960%
43) trans-1,3-Dichloroprop...	7.554	79	58363	18.159	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.640%
47) 2-Hexanone-d5	8.034	63	30388	26.450	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	52.900%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	117337	19.888	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.560%
66) 1,2-Dichlorobenzene-d4	11.557	152	112274	24.039	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.160%
Target Compounds						
					Qvalue	
13) Acetone	2.156	43	4778	1.832	ug/L #	68
14) Carbon disulfide	2.233	76	13326	0.548	ug/L	100
16) Methylene chloride	2.442	84	44687	4.635	ug/L	98
25) Chloroform	4.272	83	8854	0.610	ug/L	90
48) 2-Hexanone	8.034	43	4018	1.413	ug/L #	62
62) 1,3,5-Trimethylbenzene	10.873	105	10396	0.938	ug/L #	30
63) 1,2,4-Trimethylbenzene	10.873	105	10396	0.863	ug/L #	33

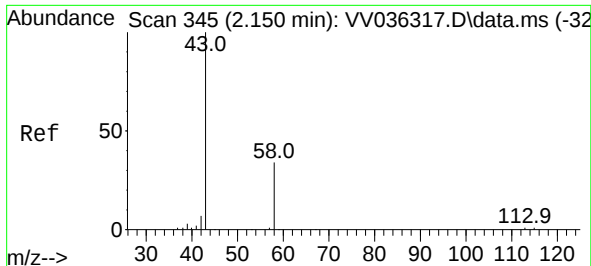
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jun 28 04:20:38 2024
Response via : Initial Calibration





#13

Acetone

Concen: 1.832 ug/L

RT: 2.156 min Scan# 345

Delta R.T. 0.006 min

Lab File: VV036322.D

Acq: 27 Jun 2024 21:56

Instrument :

MSVOA_V

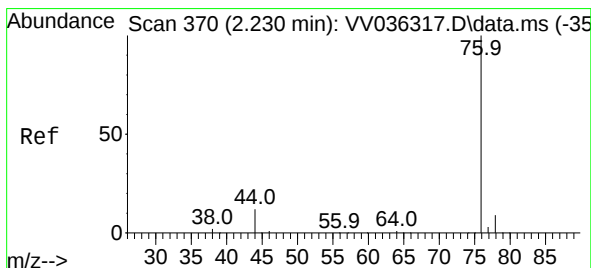
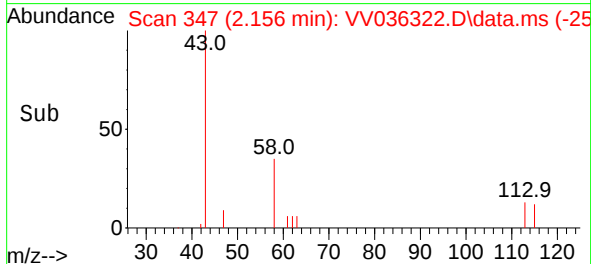
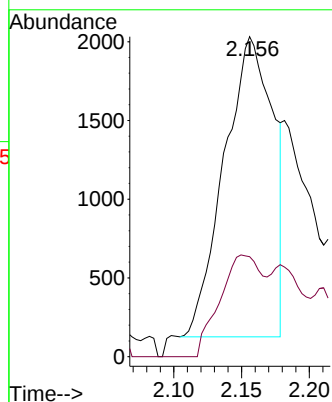
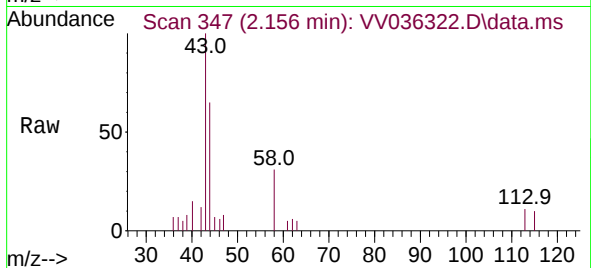
ClientSampleId :

Tgt Ion: 43 Resp: 4778

Ion Ratio Lower Upper

43 100

58 29.9 0.0 0.6#



#14

Carbon disulfide

Concen: 0.548 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.003 min

Lab File: VV036322.D

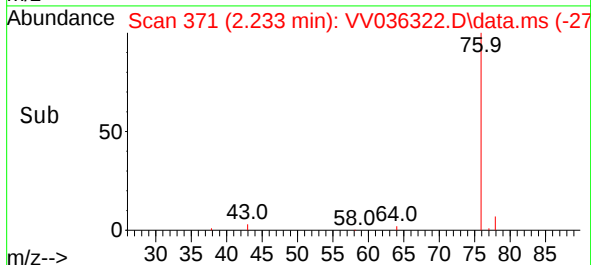
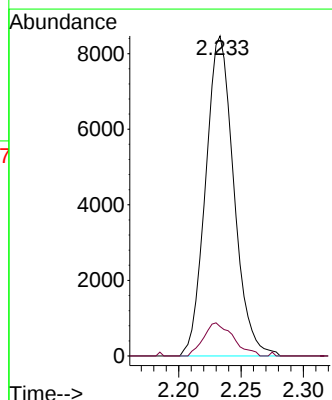
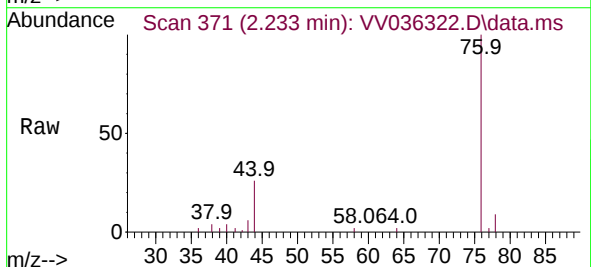
Acq: 27 Jun 2024 21:56

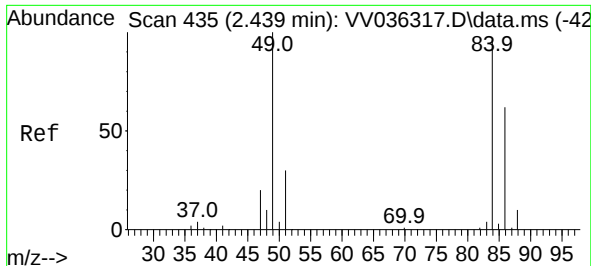
Tgt Ion: 76 Resp: 13326

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2

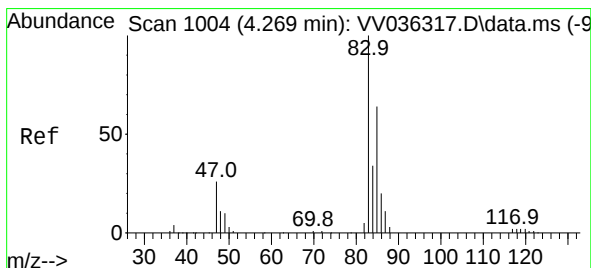
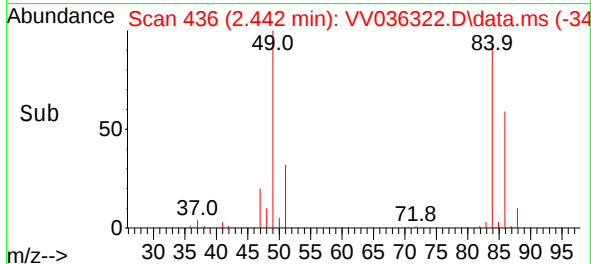
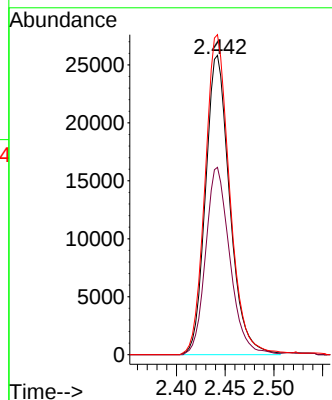
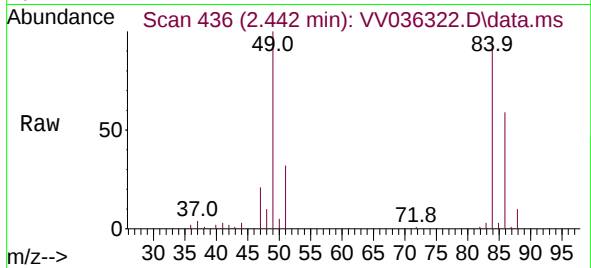




#16
Methylene chloride
Concen: 4.635 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036322.D
Acq: 27 Jun 2024 21:56

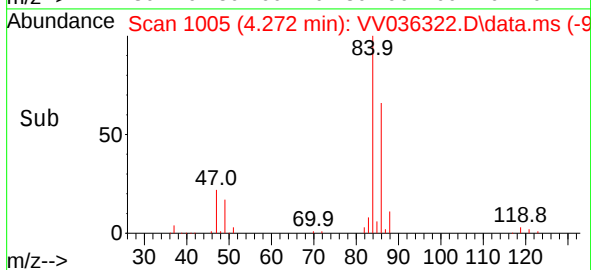
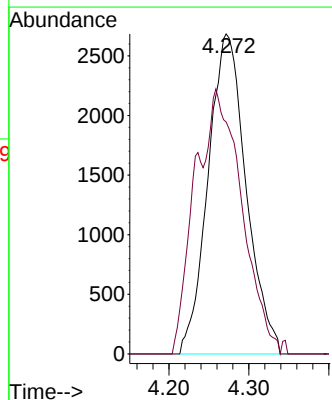
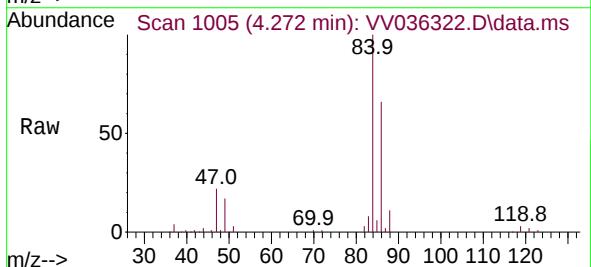
Instrument :
MSVOA_V
ClientSampleId :

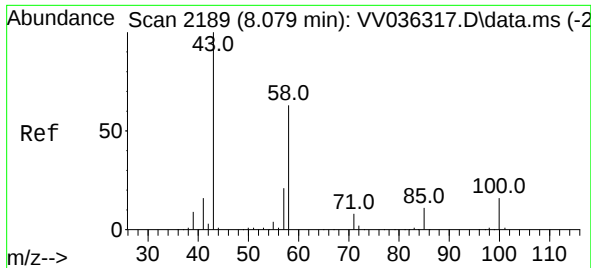
Tgt Ion: 84 Resp: 44687
Ion Ratio Lower Upper
84 100
86 62.6 45.6 84.8
49 106.9 75.7 140.5



#25
Chloroform
Concen: 0.610 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.003 min
Lab File: VV036322.D
Acq: 27 Jun 2024 21:56

Tgt Ion: 83 Resp: 8854
Ion Ratio Lower Upper
83 100
85 72.5 45.0 83.6

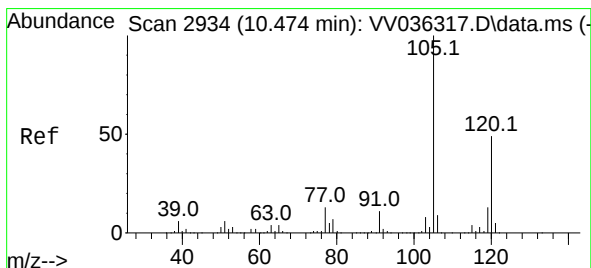
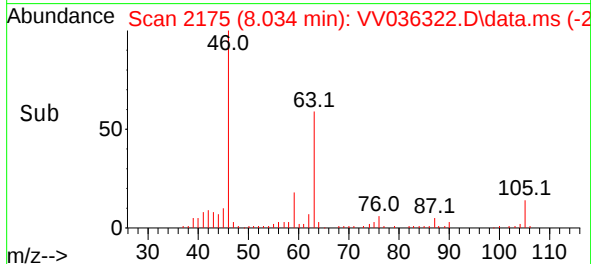
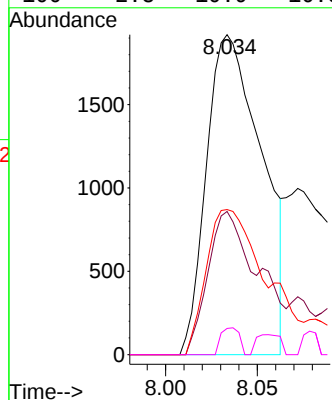
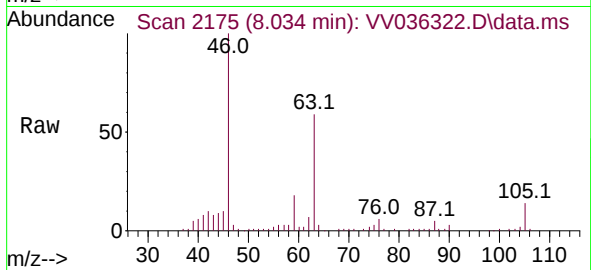




#48
2-Hexanone
Concen: 1.413 ug/L
RT: 8.034 min Scan# 2189
Delta R.T. -0.045 min
Lab File: VV036322.D
Acq: 27 Jun 2024 21:56

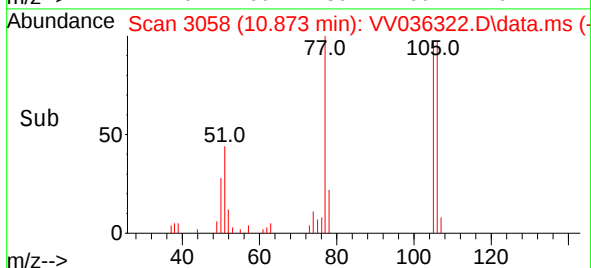
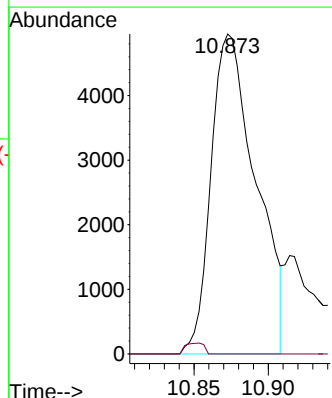
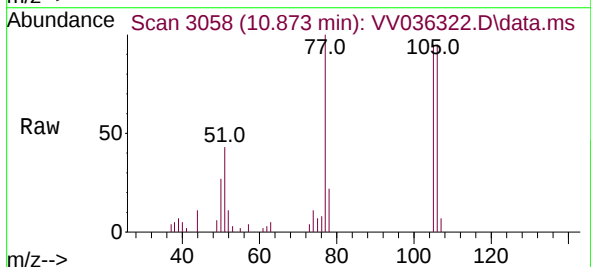
Instrument :
MSVOA_V
ClientSampleId :

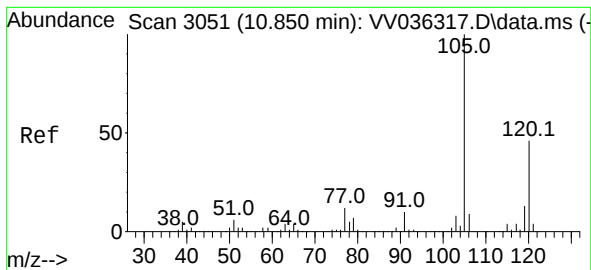
Tgt Ion: 43	Resp: 4018
Ion Ratio	Lower Upper
43 100	
58 32.1	48.5 72.7#
57 40.4	15.8 23.6#
100 2.8	10.9 16.3#



#62
1,3,5-Trimethylbenzene
Concen: 0.938 ug/L
RT: 10.873 min Scan# 3058
Delta R.T. 0.399 min
Lab File: VV036322.D
Acq: 27 Jun 2024 21:56

Tgt	Ion:105	Resp:	10396
Ion	Ratio	Lower	Upper
105	100		
120	1.4	39.1	58.7#





#63

1,2,4-Trimethylbenzene

Concen: 0.863 ug/L

RT: 10.873 min Scan# 3058

Delta R.T. 0.022 min

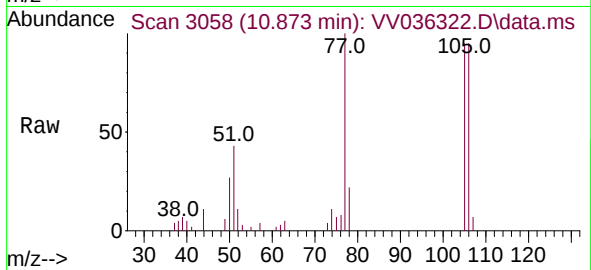
Lab File: VV036322.D

Acq: 27 Jun 2024 21:56

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:105 Resp: 10396

Ion Ratio Lower Upper

105 100

120 1.4 36.2 54.4#

