

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062724\
 Data File : VW036308.D
 Acq On : 27 Jun 2024 15:00
 Operator : SY/MD
 Sample : P2962-15
 Misc : 5.07g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0T89

Quant Time: Jun 28 02:29:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 28 00:39:40 2024
 Response via : Initial Calibration

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

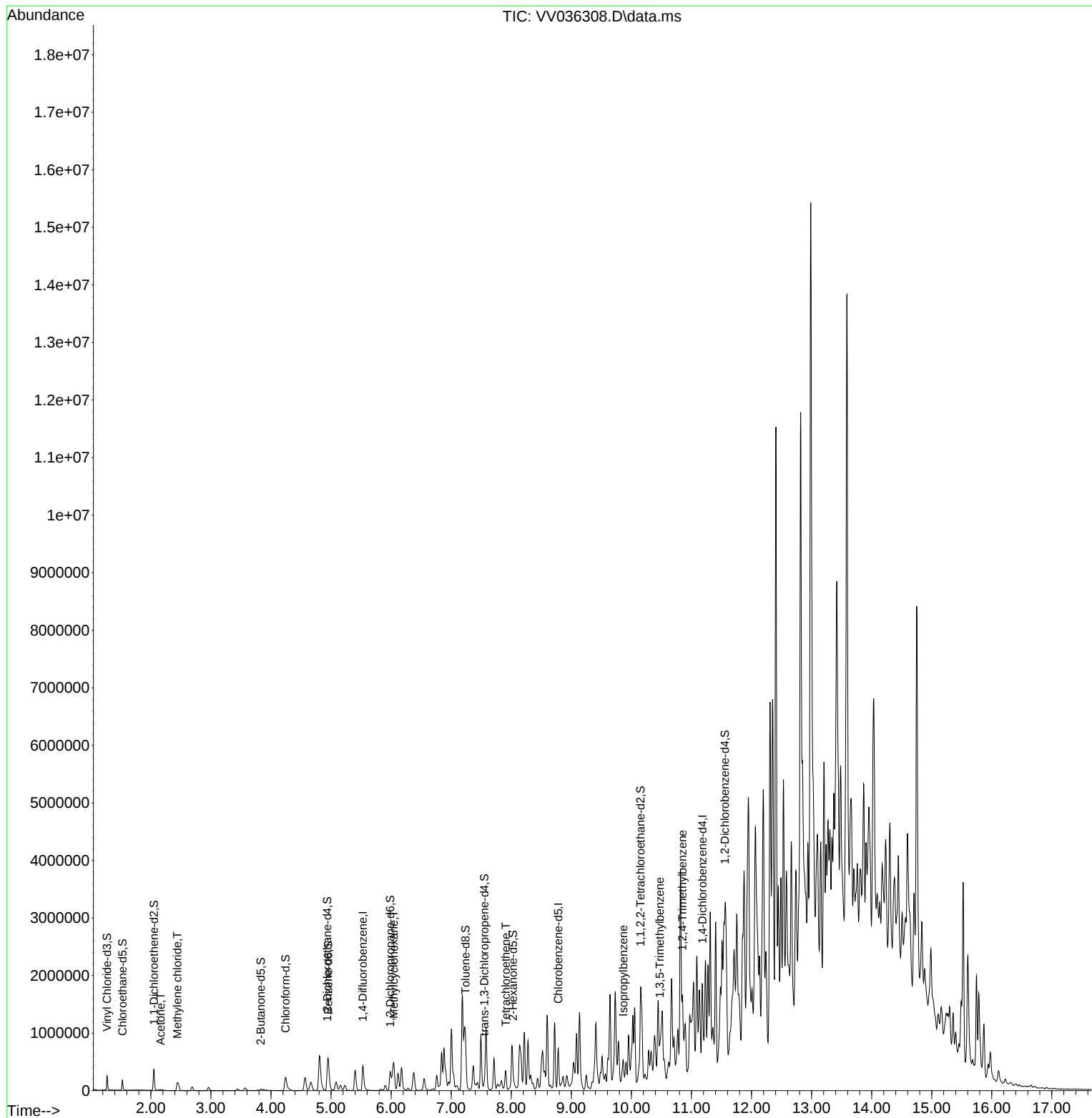
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	390799	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	382742	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	153653	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	125793	18.953	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.800%
7) Chloroethane-d5	1.526	69	114873	21.669	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.680%
11) 1,1-Dichloroethene-d2	2.050	65	62254	19.953	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.800%
21) 2-Butanone-d5	3.831	46	59663	38.733	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.460%
24) Chloroform-d	4.243	84	257642	22.335	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.320%
26) 1,2-Dichloroethane-d4	4.937	65	158970	25.841	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.360%
32) Benzene-d6	4.953	84	515447	23.857	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.440%
36) 1,2-Dichloropropane-d6	5.986	67	168423	25.916	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.680%
41) Toluene-d8	7.239	98	497027	25.514	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.040%
43) trans-1,3-Dichloroprop...	7.551	79	87600	30.185	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	120.720%
47) 2-Hexanone-d5	8.027	63	71549	68.971	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.940%#
56) 1,1,2,2-Tetrachloroeth...	10.153	84	205187	38.517	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	154.080%#
66) 1,2-Dichlorobenzene-d4	11.558	152	158906	28.379	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.520%
Target Compounds						
					Qvalue	
13) Acetone	2.163	43	42175	20.266	ug/L #	84
16) Methylene chloride	2.439	84	53519	6.956	ug/L	98
35) Methylcyclohexane	6.043	83	209607	21.025	ug/L #	85
46) Tetrachloroethene	7.908	164	6584	1.266	ug/L	93
60) Isopropylbenzene	9.866	105	212276	11.429	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	213557	16.066	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	516715	35.772	ug/L	100

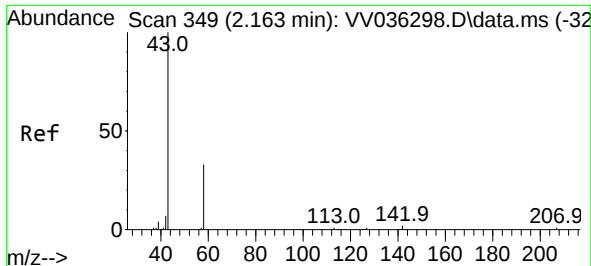
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_V
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Quant Time: Jun 28 02:29:46 2024
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Quant Title : VOC Analysis
QLast Update : Fri Jun 28 00:39:40 2024
Response via : Initial Calibration





#13

Acetone

Concen: 20.266 ug/L

RT: 2.163 min Scan# 349

Delta R.T. -0.000 min

Lab File: VV036308.D

Acq: 27 Jun 2024 15:00

Instrument :

MSVOA_V

ClientSampleId :

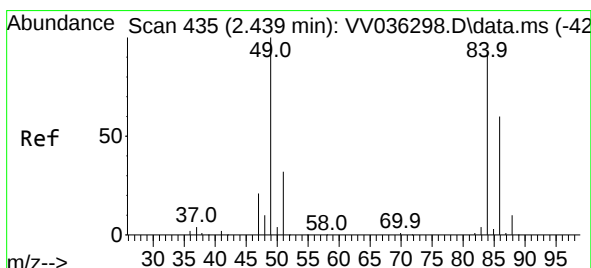
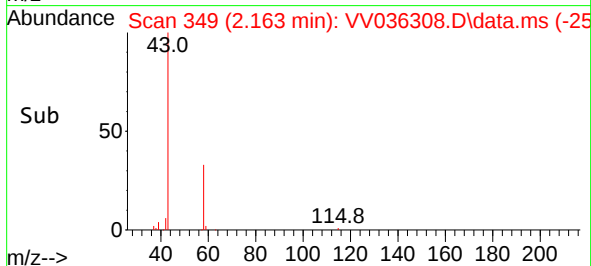
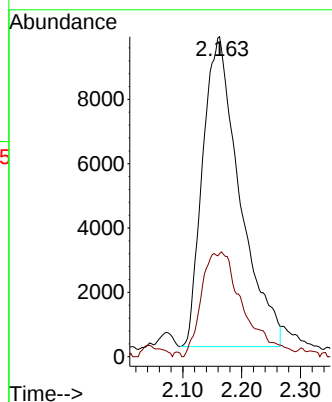
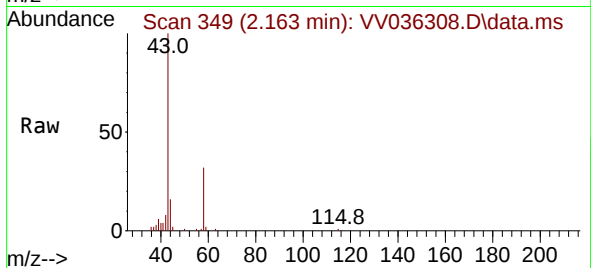
COT89

Tgt Ion: 43 Resp: 42175

Ion Ratio Lower Upper

43 100

58 15.2 0.0 0.6#



#16

Methylene chloride

Concen: 6.956 ug/L

RT: 2.439 min Scan# 435

Delta R.T. -0.000 min

Lab File: VV036308.D

Acq: 27 Jun 2024 15:00

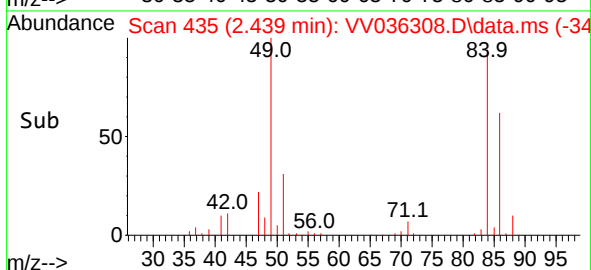
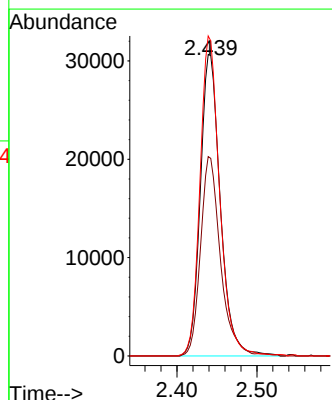
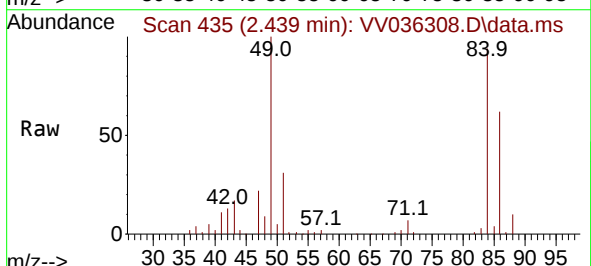
Tgt Ion: 84 Resp: 53519

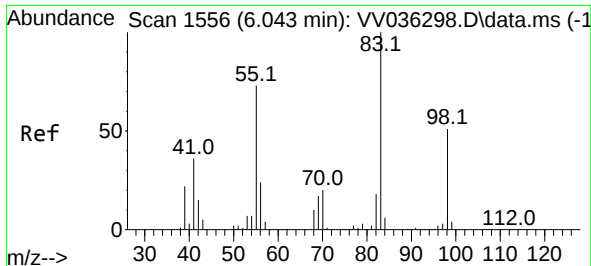
Ion Ratio Lower Upper

84 100

86 66.1 45.6 84.8

49 106.2 75.7 140.5

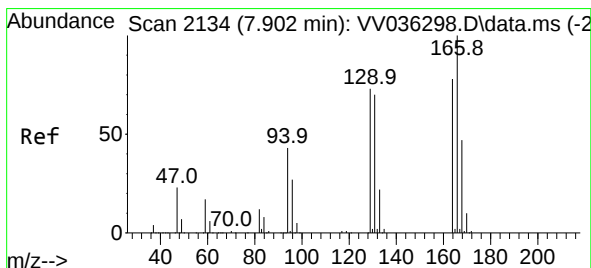
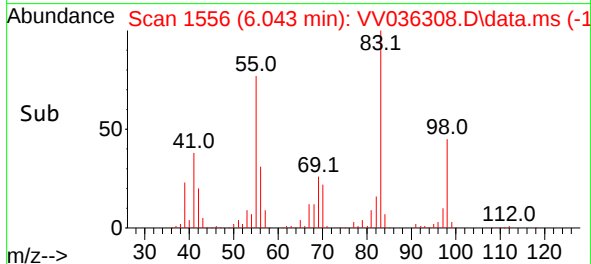
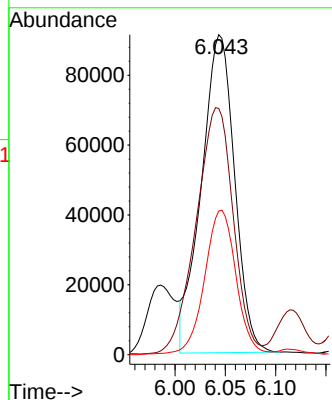
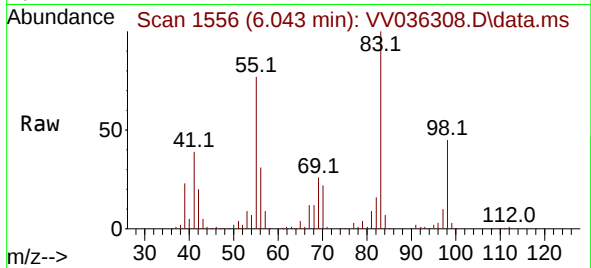




#35
Methylcyclohexane
Concen: 21.025 ug/L
RT: 6.043 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV036308.D
Acq: 27 Jun 2024 15:00

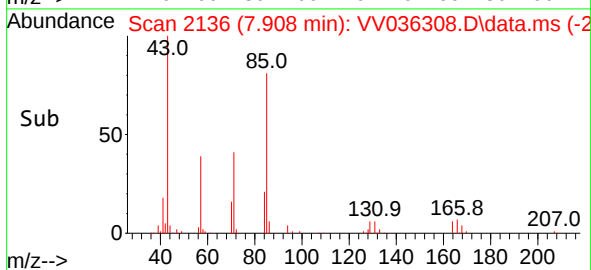
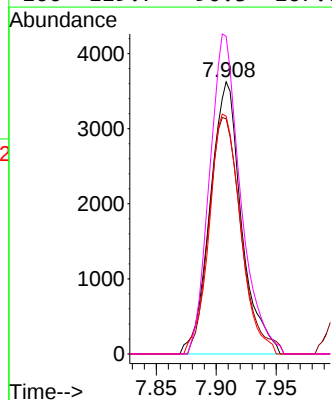
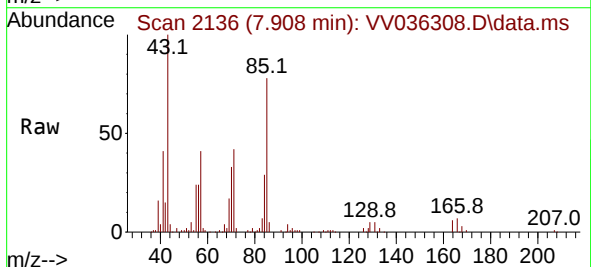
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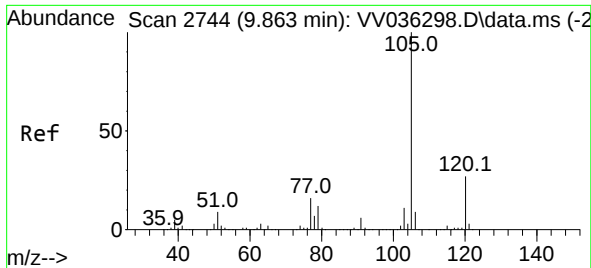
Tgt Ion: 83 Resp: 209607
Ion Ratio Lower Upper
83 100
55 86.7 56.0 84.0#
98 43.1 39.0 58.6



#46
Tetrachloroethene
Concen: 1.266 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.006 min
Lab File: VV036308.D
Acq: 27 Jun 2024 15:00

Tgt Ion:164 Resp: 6584
Ion Ratio Lower Upper
164 100
129 86.4 65.9 122.5
131 87.3 63.3 117.7
166 119.7 90.3 167.7

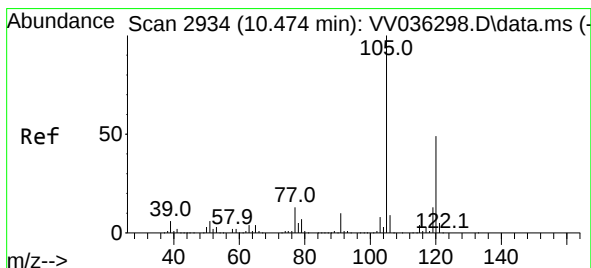
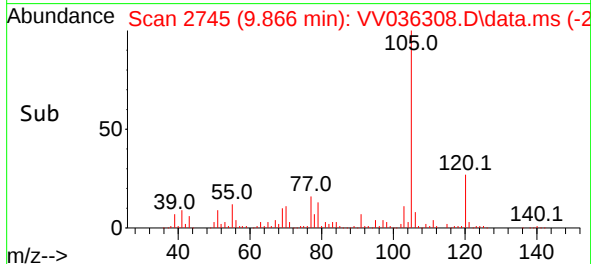
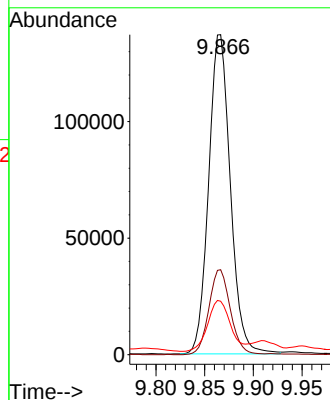
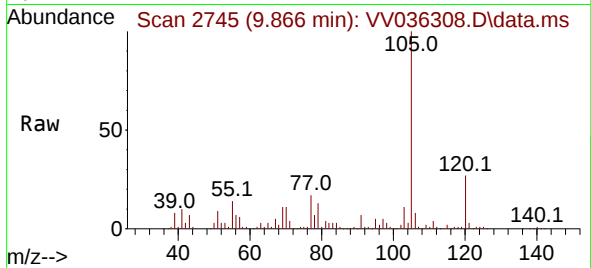




#60
Isopropylbenzene
Concen: 11.429 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV036308.D
Acq: 27 Jun 2024 15:00

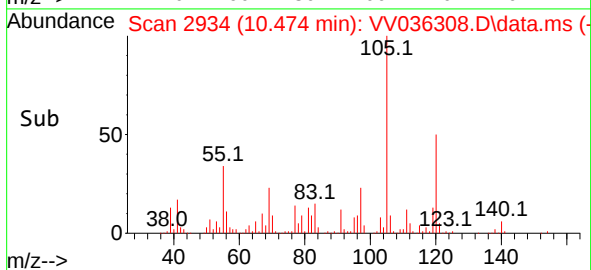
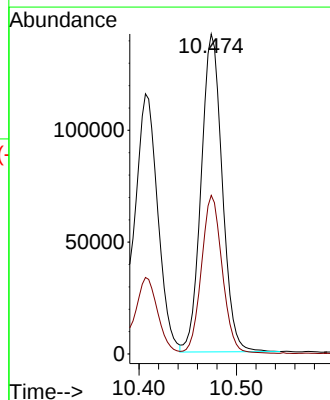
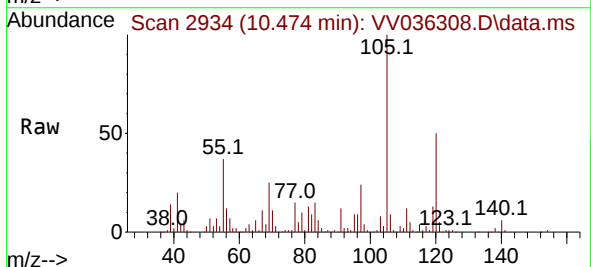
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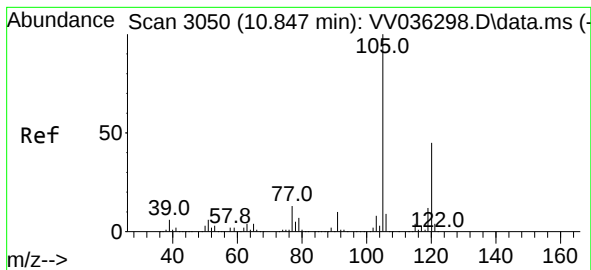
Tgt Ion:105 Resp: 212276
Ion Ratio Lower Upper
105 100
120 26.4 21.2 31.8
77 16.7 12.5 18.7



#62
1,3,5-Trimethylbenzene
Concen: 16.066 ug/L
RT: 10.474 min Scan# 2934
Delta R.T. -0.000 min
Lab File: VV036308.D
Acq: 27 Jun 2024 15:00

Tgt Ion:105 Resp: 213557
Ion Ratio Lower Upper
105 100
120 49.4 39.1 58.7





#63

1,2,4-Trimethylbenzene

Concen: 35.772 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.003 min

Lab File: VV036308.D

Acq: 27 Jun 2024 15:00

Instrument :

MSVOA_V

ClientSampleId :

C0T89

Tgt Ion:105 Resp: 516715

Ion Ratio Lower Upper

105 100

120 45.1 36.2 54.4

