

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
 Data File : VV037491.D
 Acq On : 23 Sep 2024 18:25
 Operator : SY/MD
 Sample : P4024-01MEDL 20X
 Misc : 6.18G/5mL/100ul/5ml/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DDCD5MEDL

Quant Time: Sep 24 04:02:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 24 03:56:17 2024
 Response via : Initial Calibration

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

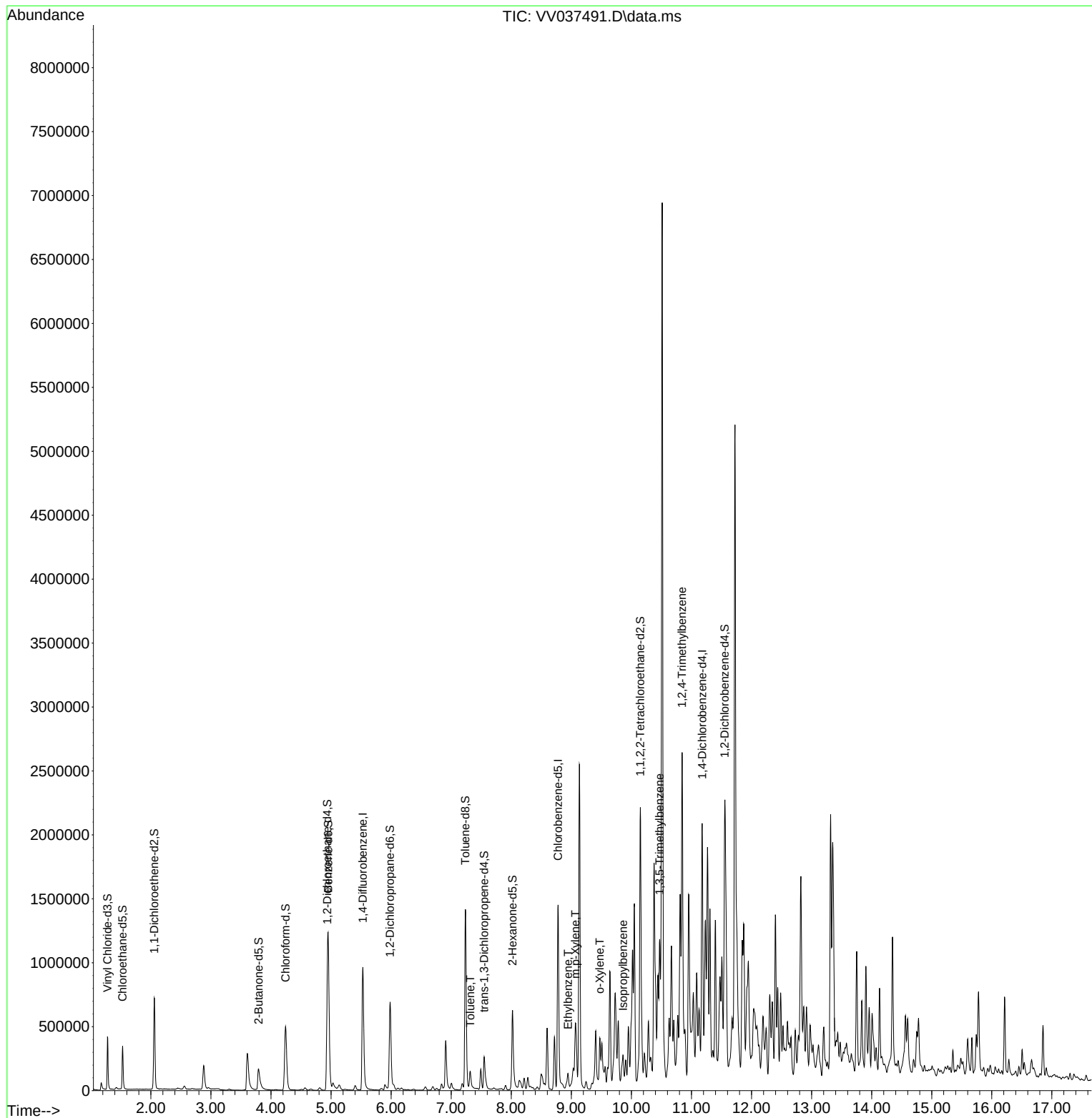
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	846115	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	806937	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	412009	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	276947	35.782	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	71.560%	
7) Chloroethane-d5	1.529	69	231387	38.681	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	77.360%	
11) 1,1-Dichloroethene-d2	2.056	65	119751	36.811	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	73.620%	
21) 2-Butanone-d5	3.793	46	269426	89.890	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	89.890%	
24) Chloroform-d	4.243	84	533103	44.008	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	88.020%	
26) 1,2-Dichloroethane-d4	4.937	65	337883	44.292	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	88.580%	
32) Benzene-d6	4.953	84	1082684	44.422	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	88.840%	
36) 1,2-Dichloropropane-d6	5.982	67	348412	45.641	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	91.280%	
41) Toluene-d8	7.236	98	945539	42.986	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	85.980%	
43) trans-1,3-Dichloroprop...	7.548	79	157832	44.690	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	89.380%	
47) 2-Hexanone-d5	8.021	63	202356	97.127	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	97.130%	
56) 1,1,2,2-Tetrachloroeth...	10.146	84	432964	46.765	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	93.520%	
66) 1,2-Dichlorobenzene-d4	11.554	152	377474	45.745	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	91.480%	
Target Compounds						
					Qvalue	
42) Toluene	7.317	91	116026	4.785	ug/L	96
52) Ethylbenzene	8.947	91	74739	2.729	ug/L	99
53) m,p-Xylene	9.069	106	115686	11.401	ug/L	99
54) o-Xylene	9.474	106	84767	8.532	ug/L	95
60) Isopropylbenzene	9.863	105	99423	3.722	ug/L	98
62) 1,3,5-Trimethylbenzene	10.471	105	488769	22.366	ug/L	98
63) 1,2,4-Trimethylbenzene	10.844	105	1270415	58.253	ug/L	100

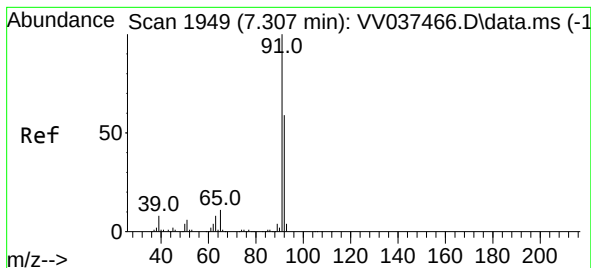
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#42

Toluene

Concen: 4.785 ug/L

RT: 7.317 min Scan# 1949

Delta R.T. 0.010 min

Lab File: VV037491.D

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MSVOA_V

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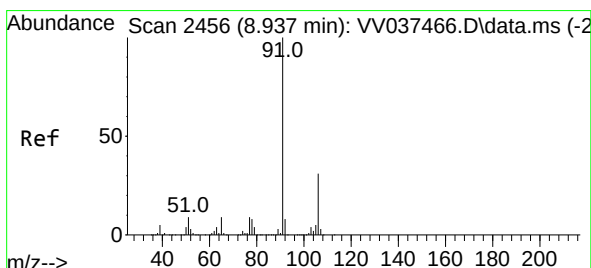
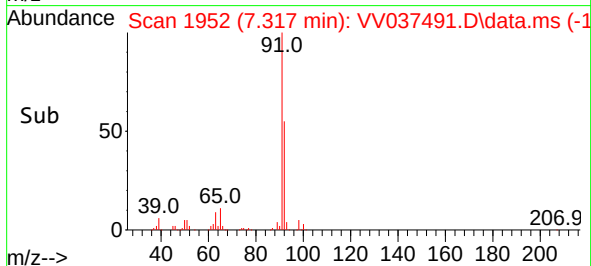
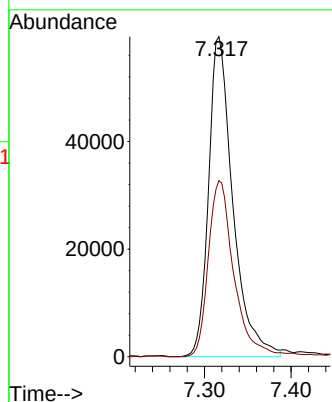
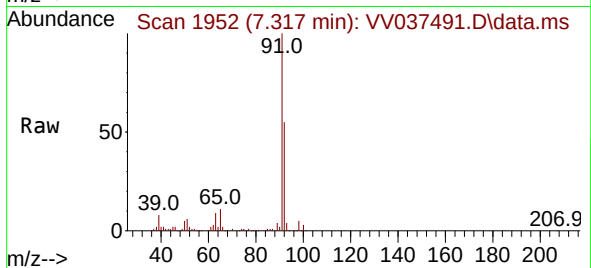
DDCD5MEDL

Tgt Ion: 91 Resp: 116026

Ion Ratio Lower Upper

91 100

92 55.0 40.8 75.8



#52

Ethylbenzene

Concen: 2.729 ug/L

RT: 8.947 min Scan# 2459

Delta R.T. 0.010 min

Lab File: VV037491.D

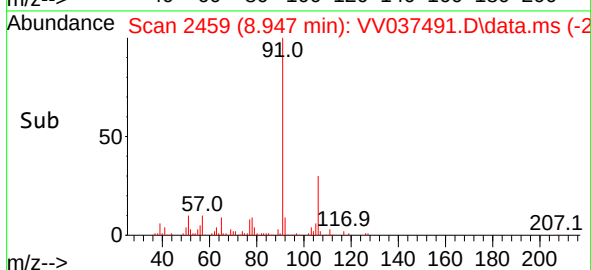
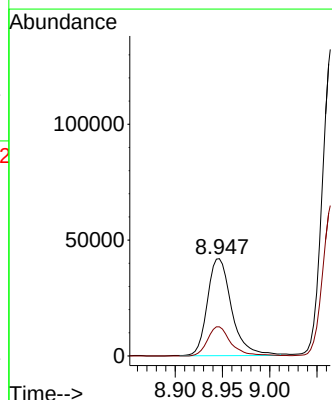
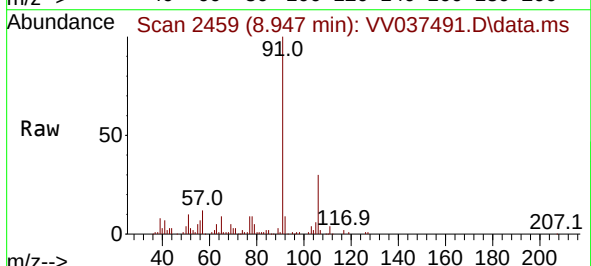
Acq: 23 Sep 2024 18:25

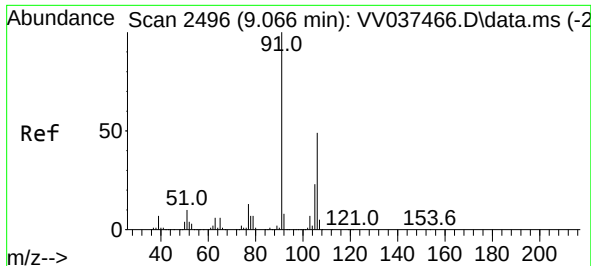
Tgt Ion: 91 Resp: 74739

Ion Ratio Lower Upper

91 100

106 29.8 21.4 39.8

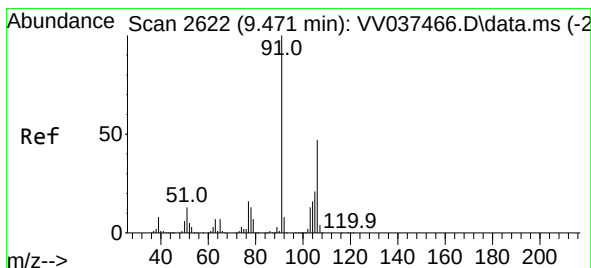
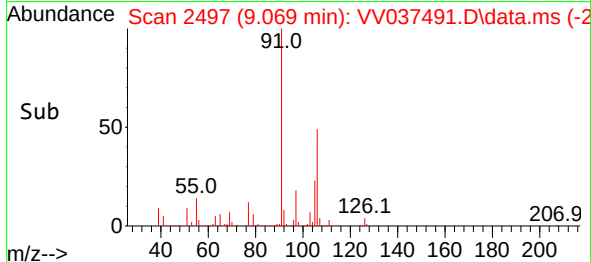
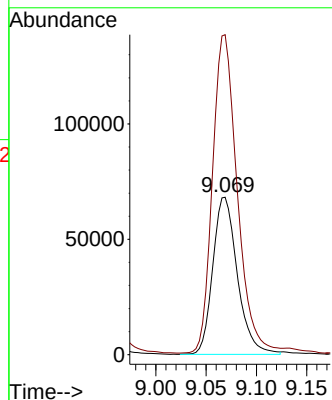
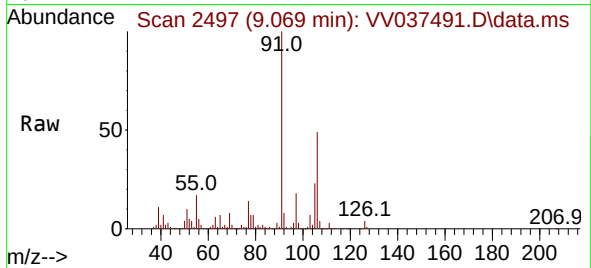




#53
m,p-Xylene
Concen: 11.401 ug/L
RT: 9.069 min Scan# 2496
Delta R.T. 0.003 min
Lab File: VV037491.D
Acq: 23 Sep 2024 18:25

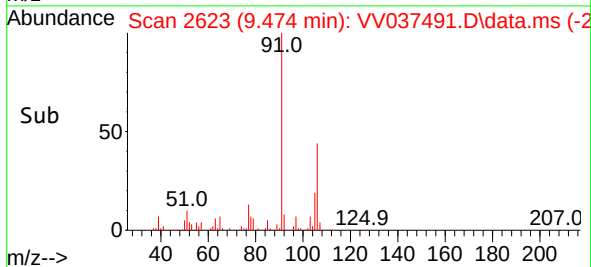
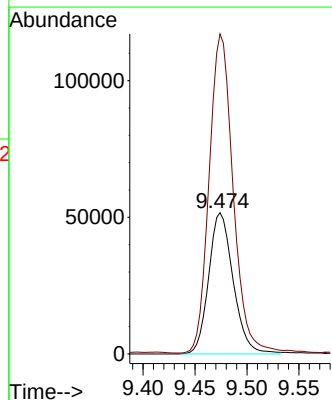
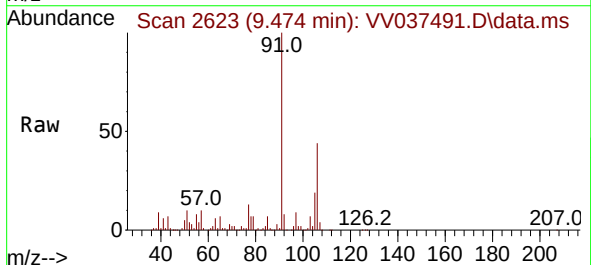
Instrument :
MSVOA_V
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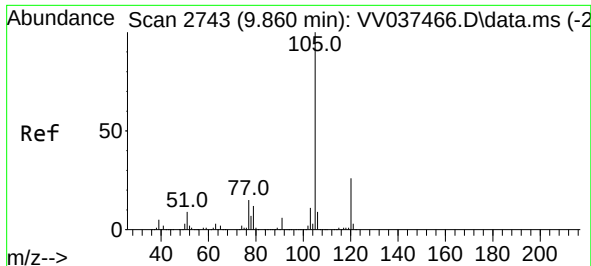
Tgt Ion:106 Resp: 115686
Ion Ratio Lower Upper
106 100
91 203.3 143.0 265.6



#54
o-Xylene
Concen: 8.532 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. 0.003 min
Lab File: VV037491.D
Acq: 23 Sep 2024 18:25

Tgt Ion:106 Resp: 84767
Ion Ratio Lower Upper
106 100
91 226.6 153.2 284.6

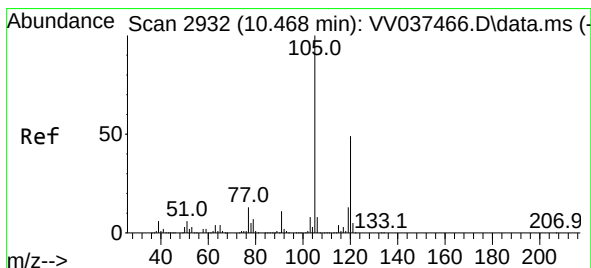
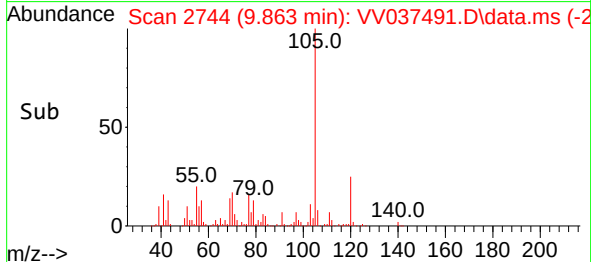
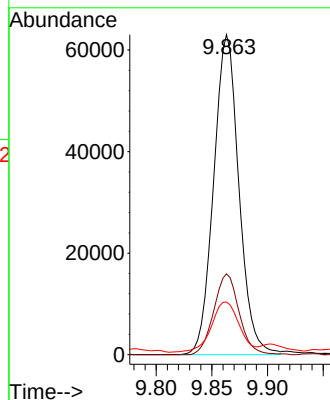
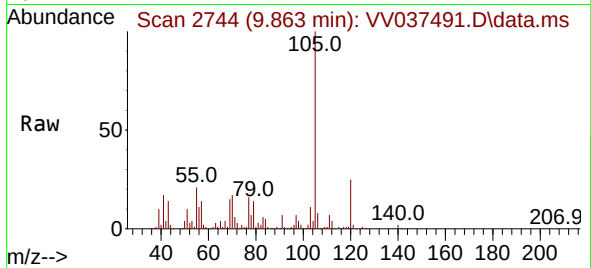




#60
Isopropylbenzene
Concen: 3.722 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV037491.D
Acq: 23 Sep 2024 18:25

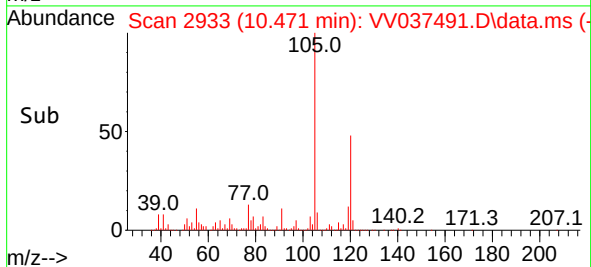
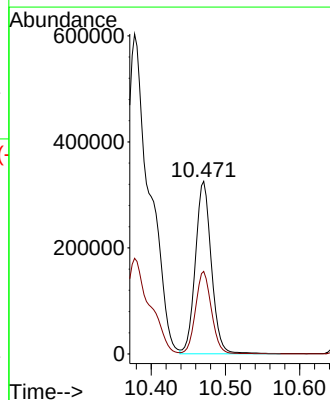
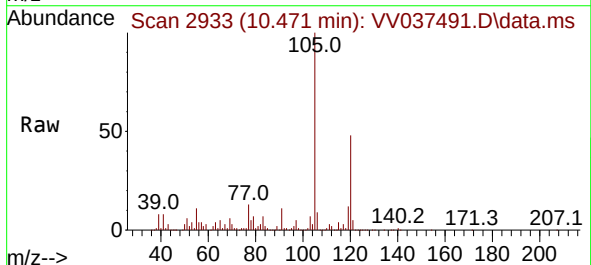
Instrument :
MSVOA_V
ClientSampleId :
DDCD5MEDL

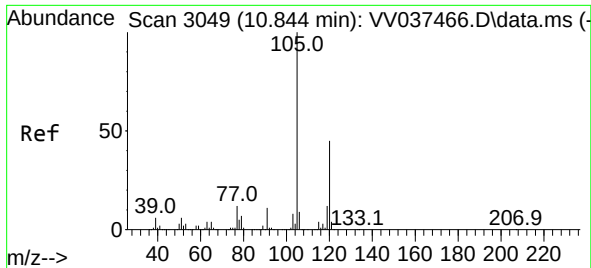
Tgt Ion:105 Resp: 99423
Ion Ratio Lower Upper
105 100
120 25.3 20.9 31.3
77 17.1 12.6 19.0



#62
1,3,5-Trimethylbenzene
Concen: 22.366 ug/L
RT: 10.471 min Scan# 2933
Delta R.T. 0.003 min
Lab File: VV037491.D
Acq: 23 Sep 2024 18:25

Tgt Ion:105 Resp: 488769
Ion Ratio Lower Upper
105 100
120 46.8 38.3 57.5





#63
 1,2,4-Trimethylbenzene
 Concen: 58.253 ug/L
 RT: 10.844 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: VV037491.D
 Acq: 23 Sep 2024 18:25

Instrument :
 MSVOA_V
 ClientSampleId :
 DDCD5MEDL

Tgt Ion:105 Resp: 1270415
 Ion Ratio Lower Upper
 105 100
 120 44.8 35.8 53.6

