

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082224\
 Data File : VV037007.D
 Acq On : 22 Aug 2024 14:45
 Operator : SY/MD
 Sample : P3696-04
 Misc : 4.39g/10mL/MSVOA_V/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GCN88

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/23/2024
 Supervised By :Semsettin Yesilyurt 08/23/2024

Quant Time: Aug 23 05:20:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 23 05:07:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.590	114	234625	25.000	ug/L	0.06
28) Chlorobenzene-d5	8.799	117	133121	25.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.188	152	47398	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.336	65	68766m	20.917	ug/L	0.06
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.680%
7) Chloroethane-d5	1.603	69	71577	25.453	ug/L	0.07
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.800%
11) 1,1-Dichloroethene-d2	2.150	65	25525	16.117	ug/L	0.09
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.480%
21) 2-Butanone-d5	3.915	46	95113m	156.002	ug/L	0.07
Spiked Amount	50.000	Range	20 - 135	Recovery	=	312.000%#
24) Chloroform-d	4.330	84	143271m	21.669	ug/L	0.09
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.680%
26) 1,2-Dichloroethane-d4	5.015	65	101211	33.277	ug/L	0.07
Spiked Amount	25.000	Range	70 - 130	Recovery	=	133.120%#
32) Benzene-d6	5.021	84	244205	30.613	ug/L	0.07
Spiked Amount	25.000	Range	20 - 135	Recovery	=	122.440%
36) 1,2-Dichloropropane-d6	6.050	67	82876m	34.316	ug/L	0.06
Spiked Amount	25.000	Range	70 - 120	Recovery	=	137.280%#
41) Toluene-d8	7.278	98	134463	18.493	ug/L	0.04
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.960%
43) trans-1,3-Dichloroprop...	7.584	79	33923	40.260	ug/L	0.03
Spiked Amount	25.000	Range	30 - 135	Recovery	=	161.040%#
47) 2-Hexanone-d5	8.060	63	53922	252.420	ug/L	0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	504.840%#
56) 1,1,2,2-Tetrachloroeth...	10.156	84	58689	43.893	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	175.560%#
66) 1,2-Dichlorobenzene-d4	11.561	152	32139	18.943	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.760%
Target Compounds						
13) Acetone	2.208	43	94169m	131.613	ug/L	Qvalue
15) Methyl Acetate	2.481	43	29293	25.121	ug/L	# 89
42) Toluene	7.359	91	15613	1.717	ug/L	96
52) Ethylbenzene	8.963	91	3913	0.382	ug/L	95
53) m,p-Xylene	9.088	106	5914	1.553	ug/L	89
54) o-Xylene	9.487	106	4005	1.101	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	55712	9.105	ug/L	100
63) 1,2,4-Trimethylbenzene	10.854	105	82783	13.881	ug/L	98

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

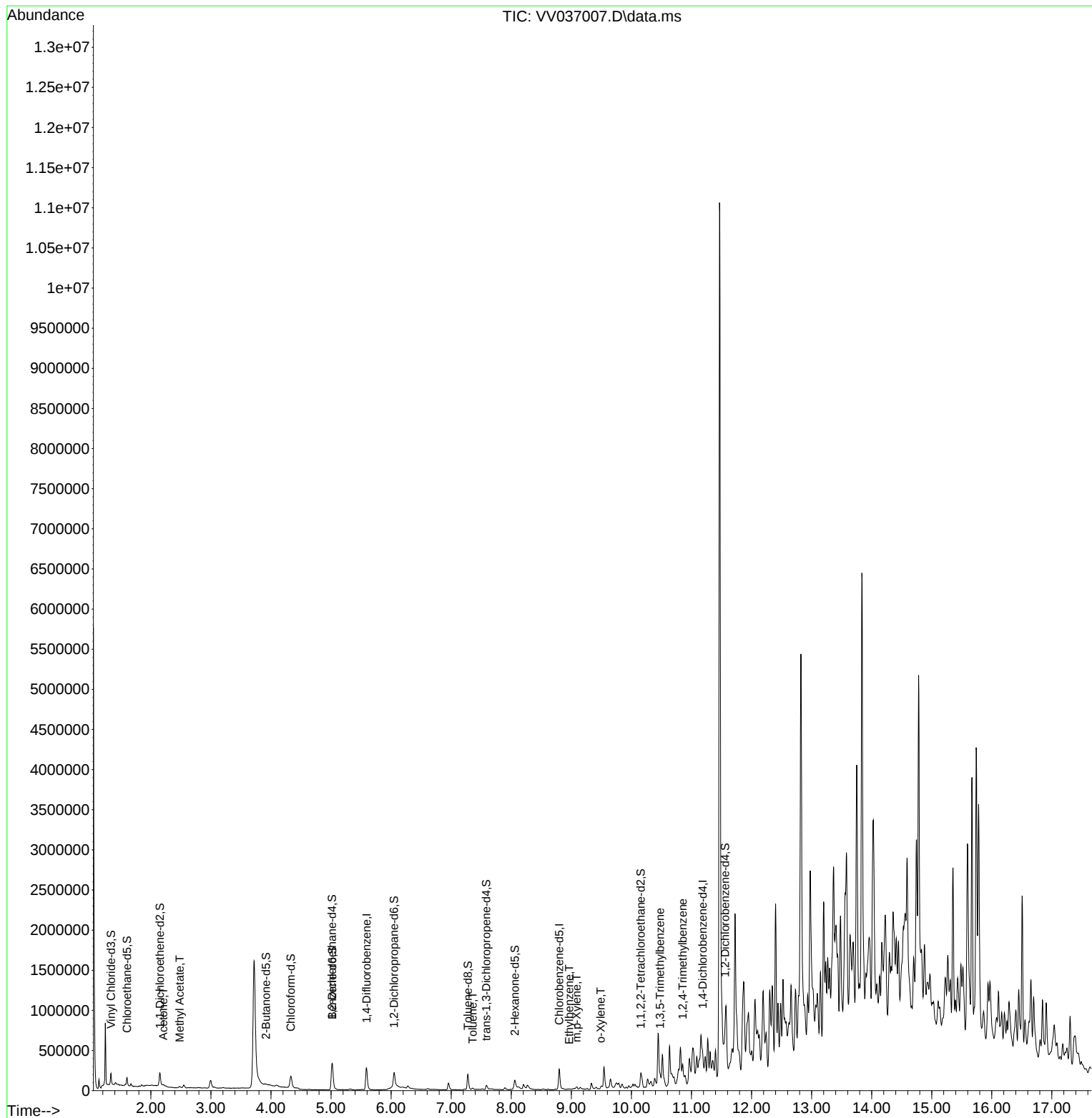
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Data File : VV037007.D
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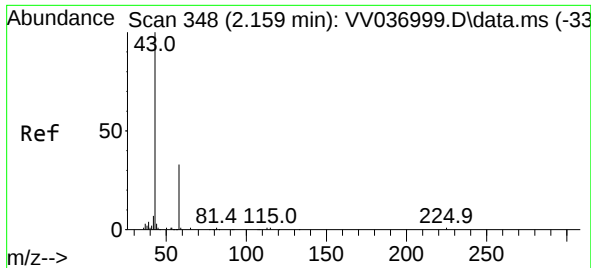
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ClientSampleId :
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Quant Title : VOC Analysis
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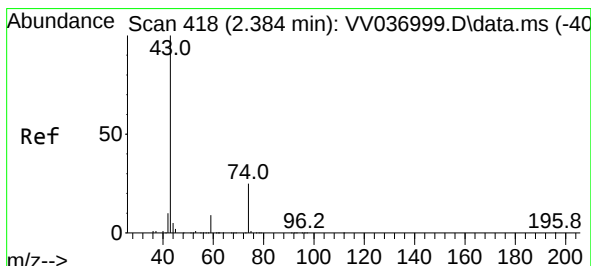
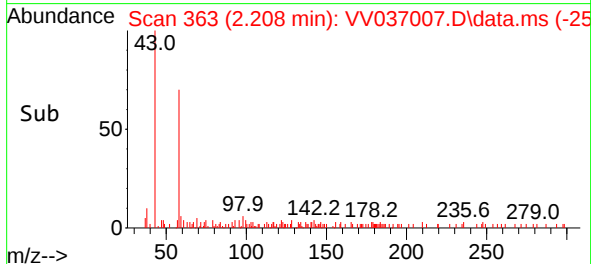
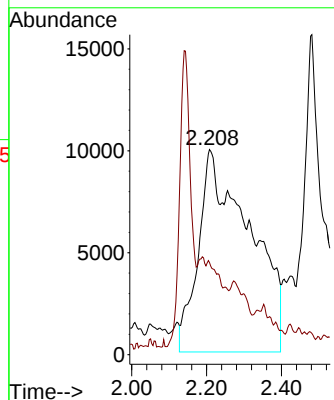
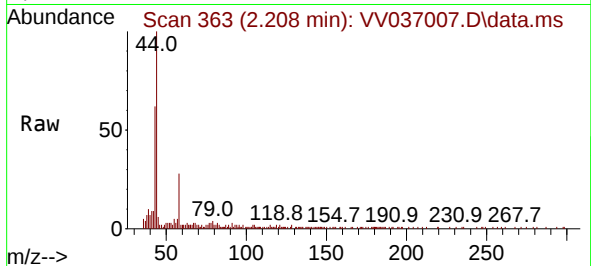
#13
Acetone
Concen: 131.613 ug/L m
RT: 2.208 min Scan# 30
Delta R.T. 0.049 min
Lab File: VV037007.D
Acq: 22 Aug 2024 14:45

Instrument :
MSVOA_V
ClientSampleId :
GCN88

Tgt Ion: 43 Resp: 94169
Ion Ratio Lower Upper
43 100
58 0.5 0.0 21.2

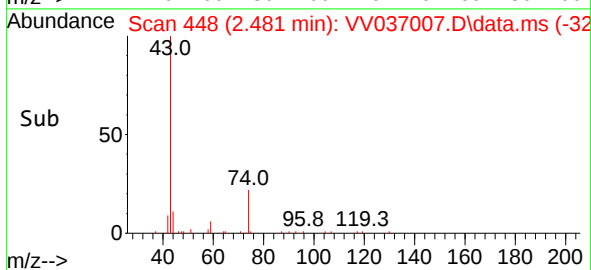
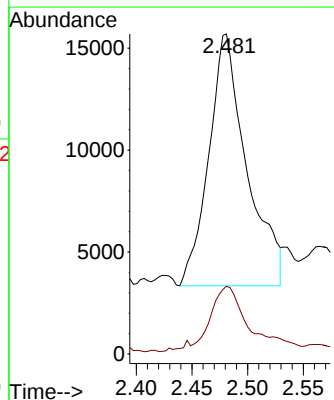
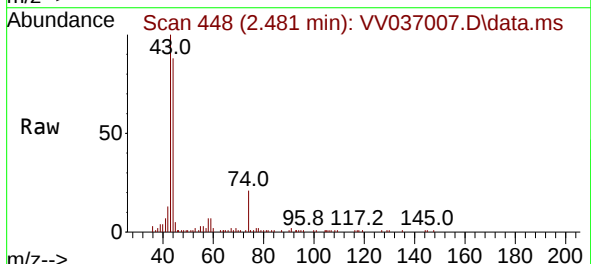
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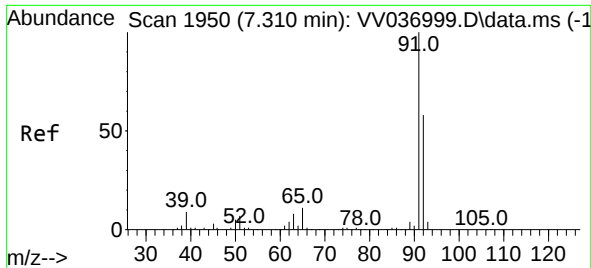
Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024



#15
Methyl Acetate
Concen: 25.121 ug/L
RT: 2.481 min Scan# 448
Delta R.T. 0.097 min
Lab File: VV037007.D
Acq: 22 Aug 2024 14:45

Tgt Ion: 43 Resp: 29293
Ion Ratio Lower Upper
43 100
74 19.2 19.6 29.4#





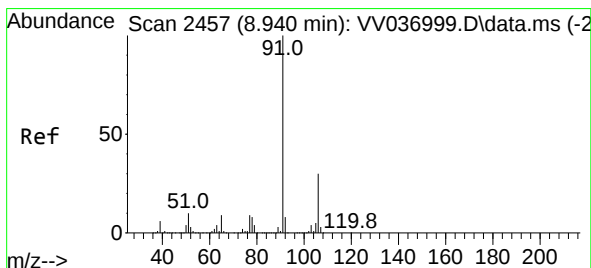
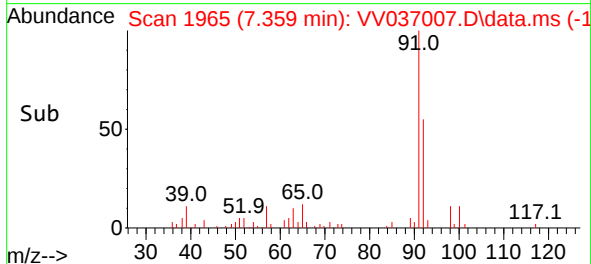
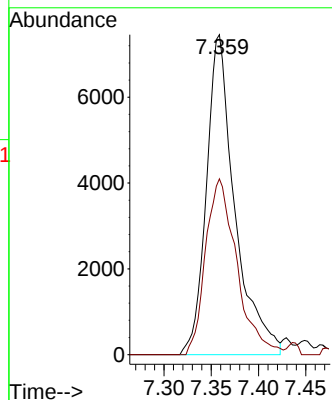
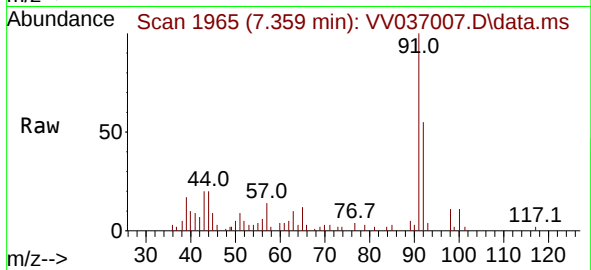
#42
Toluene
Concen: 1.717 ug/L
RT: 7.359 min Scan# 1950
Delta R.T. 0.048 min
Lab File: VV037007.D
Acq: 22 Aug 2024 14:45

Instrument :
MSVOA_V
ClientSampleId :
GCN88

Tgt Ion: 91 Resp: 1561
Ion Ratio Lower Upper
91 100
92 54.9 40.4 75.0

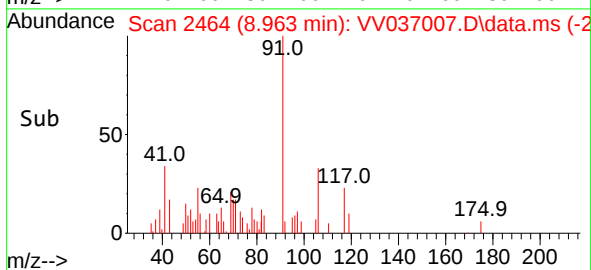
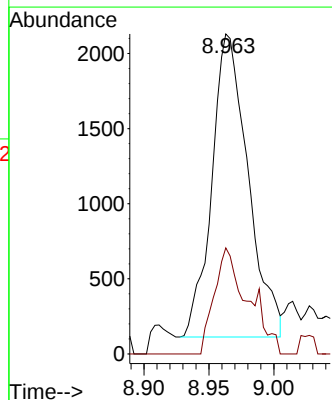
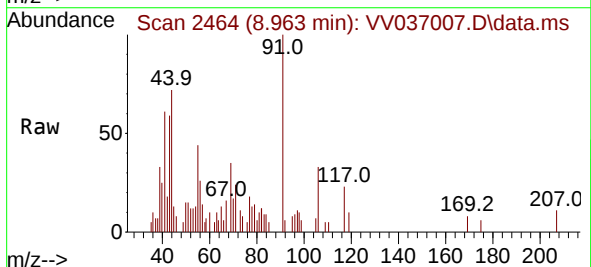
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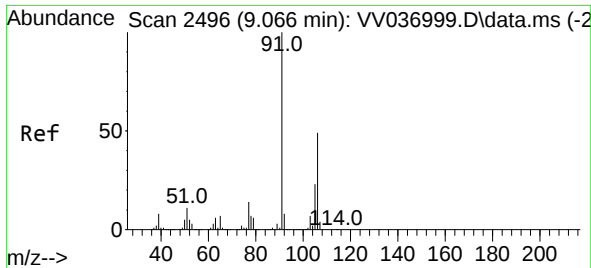
Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024



#52
Ethylbenzene
Concen: 0.382 ug/L
RT: 8.963 min Scan# 2464
Delta R.T. 0.023 min
Lab File: VV037007.D
Acq: 22 Aug 2024 14:45

Tgt Ion: 91 Resp: 3913
Ion Ratio Lower Upper
91 100
106 33.1 21.3 39.5





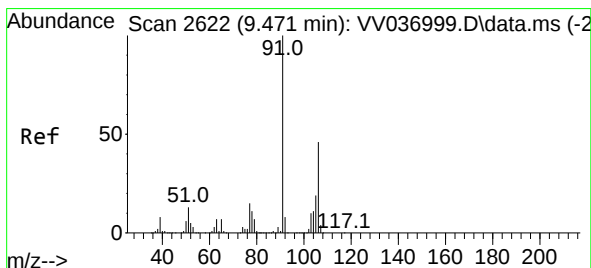
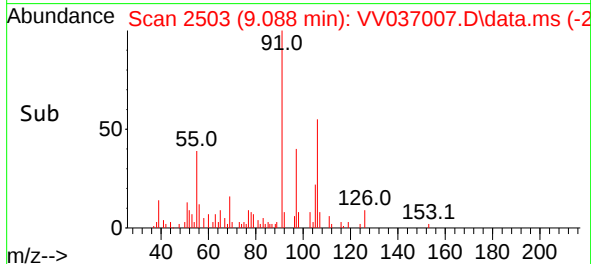
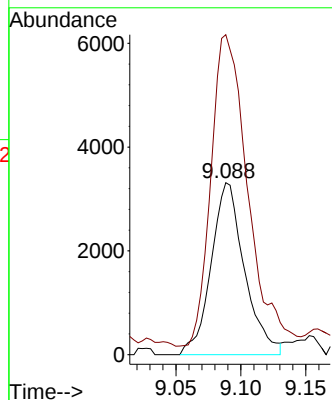
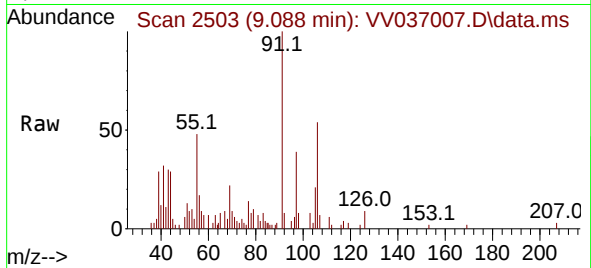
#53
m,p-Xylene
Concen: 1.553 ug/L
RT: 9.088 min Scan# 2503
Delta R.T. 0.023 min
Lab File: VV037007.D
Acq: 22 Aug 2024 14:45

Instrument :
MSVOA_V
ClientSampleId :
GCN88

Tgt Ion:106 Resp: 5914
Ion Ratio Lower Upper
106 100
91 186.1 142.4 264.4

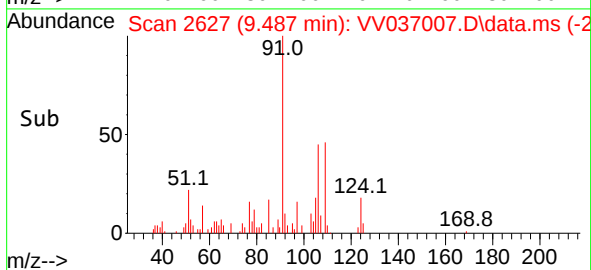
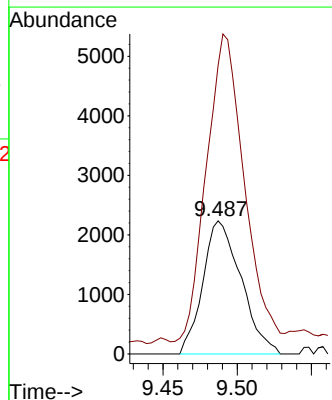
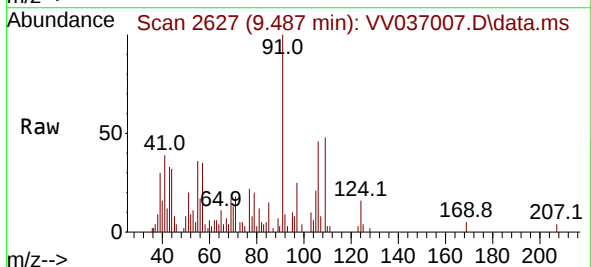
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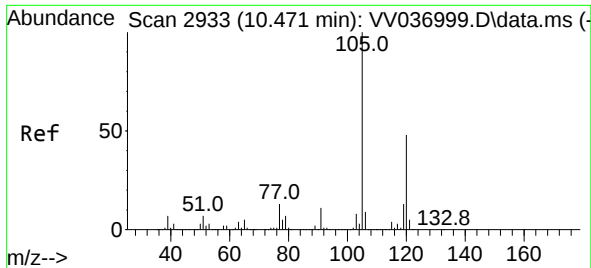
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#54
o-Xylene
Concen: 1.101 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.016 min
Lab File: VV037007.D
Acq: 22 Aug 2024 14:45

Tgt Ion:106 Resp: 4005
Ion Ratio Lower Upper
106 100
91 216.7 152.8 283.8





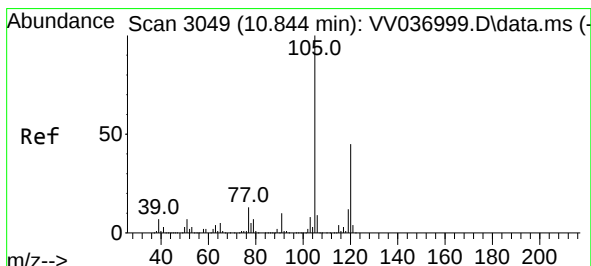
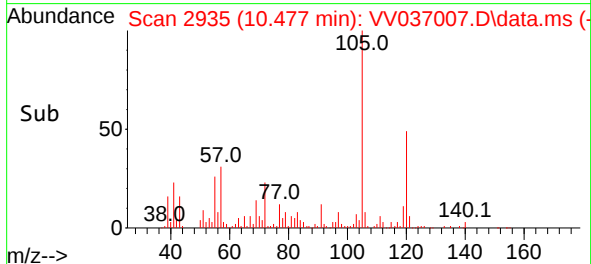
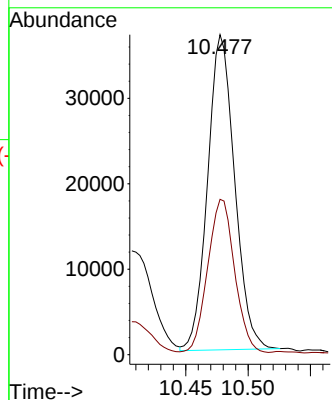
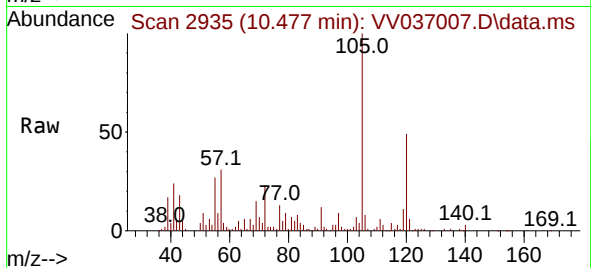
#62
1,3,5-Trimethylbenzene
Concen: 9.105 ug/L
RT: 10.477 min Scan# 2933
Delta R.T. 0.007 min
Lab File: VV037007.D
Acq: 22 Aug 2024 14:45

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:105 Resp: 55712
Ion Ratio Lower Upper
105 100
120 48.2 38.4 57.6

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#63
1,2,4-Trimethylbenzene
Concen: 13.881 ug/L
RT: 10.854 min Scan# 3052
Delta R.T. 0.010 min
Lab File: VV037007.D
Acq: 22 Aug 2024 14:45

Tgt Ion:105 Resp: 82783
Ion Ratio Lower Upper
105 100
120 43.9 36.2 54.2

