

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020824\
 Data File : VW034066.D
 Acq On : 08 Feb 2024 18:08
 Operator : SY/MD
 Sample : P1400-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AG9

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/09/2024
 Supervised By :Mahesh Dadoda 02/09/2024

Quant Time: Feb 09 01:50:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 09 00:39:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	96098	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	88865	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	44597	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	20500m	2.754	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	55.000%
7) Chloroethane-d5	1.513	69	14591m	2.238	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	44.800%#
11) 1,1-Dichloroethene-d2	1.999	65	7215	2.010	ug/L	-0.06
Spiked Amount	5.000	Range	60 - 125	Recovery	=	40.200%#
20) 2-Butanone-d5	3.905	46	59709m	47.769	ug/L	0.08
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.540%
24) Chloroform-d	4.240	84	52412	3.875	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.600%
26) 1,2-Dichloroethane-d4	4.944	65	26466	4.188	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
32) Benzene-d6	4.941	84	106027	3.977	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.600%
36) 1,2-Dichloropropane-d6	5.986	67	29746	3.991	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.800%
41) Toluene-d8	7.243	98	93971	3.835	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.600%
43) trans-1,3-Dichloroprop...	7.564	79	10845	3.854	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.000%
46) 2-Hexanone-d5	8.063	63	42458	42.264	ug/L	0.04
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.520%
56) 1,1,2,2-Tetrachloroeth...	10.165	84	17049	3.773	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.400%
66) 1,2-Dichlorobenzene-d4	11.564	152	32403	3.995	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.000%
Target Compounds						
3) Chloromethane	1.214	50	5194	0.541	ug/L	99
6) Bromomethane	1.474	94	1646	0.341	ug/L	98
42) Toluene	7.320	91	11512	0.404	ug/L	97
51) Chlorobenzene	8.821	112	4252	0.236	ug/L	91
52) Ethylbenzene	8.957	91	8761	0.267	ug/L	96
53) m,p-Xylene	9.079	106	6531	0.527	ug/L	96
54) o-Xylene	9.484	106	6605	0.553	ug/L	94
55) Styrene	9.506	104	12671	0.662	ug/L	95
60) Isopropylbenzene	9.873	105	6160	0.187	ug/L #	81
63) 1,2,4-Trimethylbenzene	10.860	105	3727	0.137	ug/L	96

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

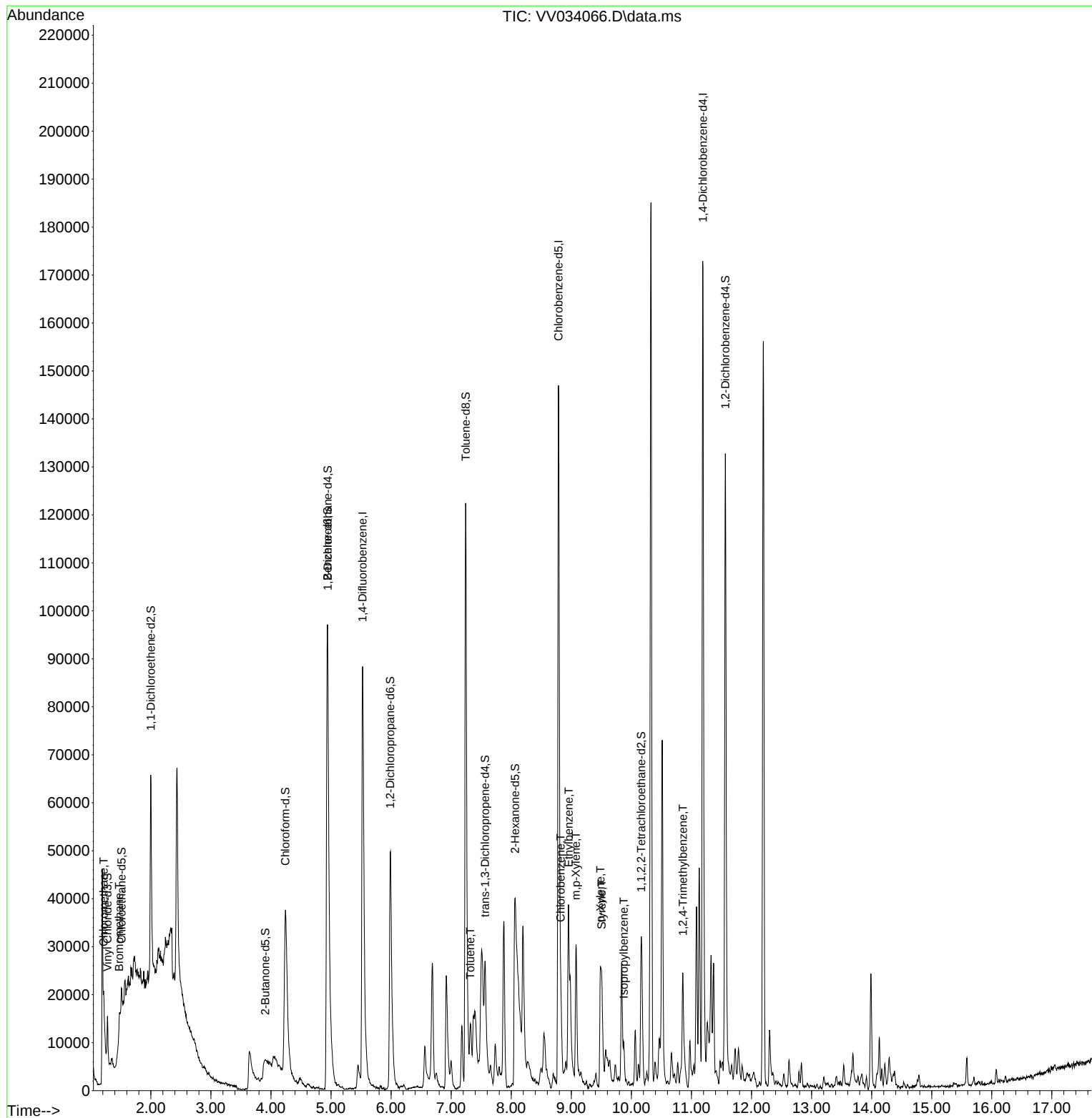
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Data File : VV034066.D
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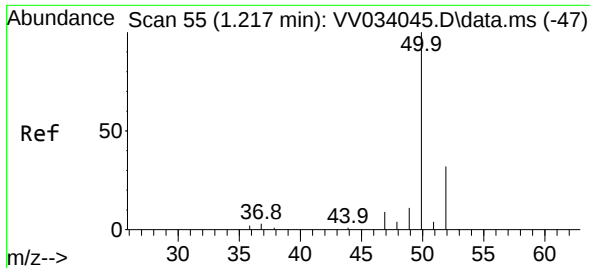
Instrument :
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ClientSampleId :
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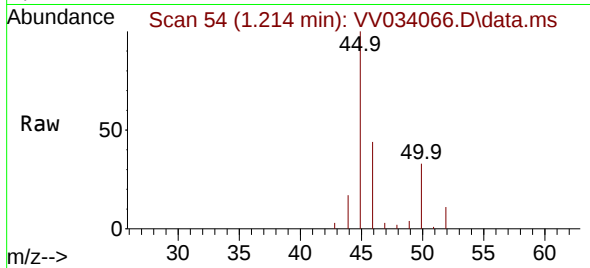
Quant Time: Feb 09 01:50:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 09 00:39:09 2024
Response via : Initial Calibration





#3
Chloromethane
Concen: 0.541 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.003 min
Lab File: VV034066.D
Acq: 08 Feb 2024 18:08

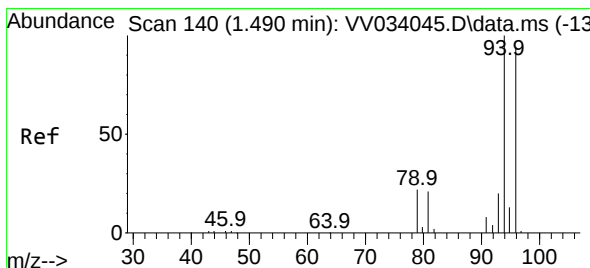
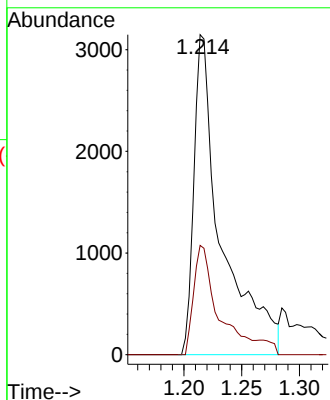
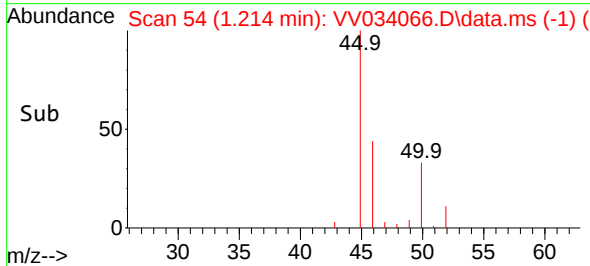
Instrument :
MSVOA_V
ClientSampleId :
C0AG9



Tgt Ion: 50 Resp: 5194
Ion Ratio Lower Upper
50 100
52 34.1 23.4 43.4

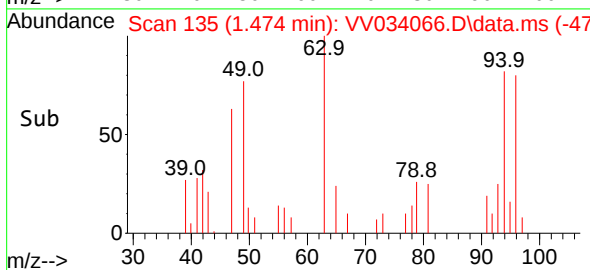
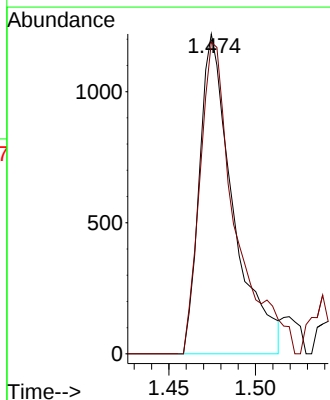
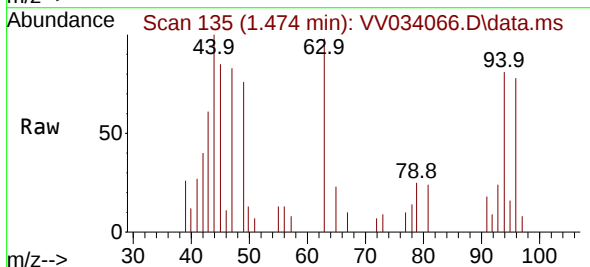
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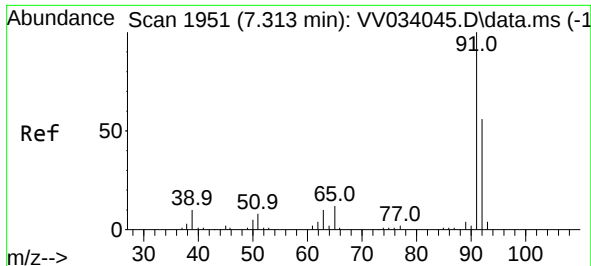
Reviewed By :Semsettin Yesilyurt 02/09/2024
Supervised By :Mahesh Dadoda 02/09/2024



#6
Bromomethane
Concen: 0.341 ug/L
RT: 1.474 min Scan# 135
Delta R.T. -0.016 min
Lab File: VV034066.D
Acq: 08 Feb 2024 18:08

Tgt Ion: 94 Resp: 1646
Ion Ratio Lower Upper
94 100
96 97.4 66.6 123.8





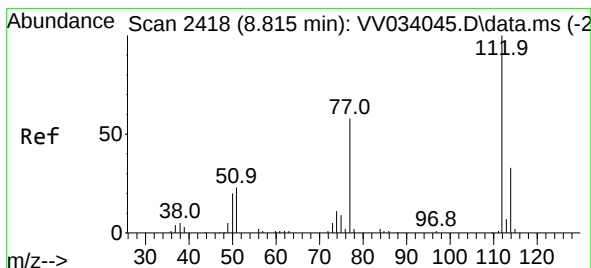
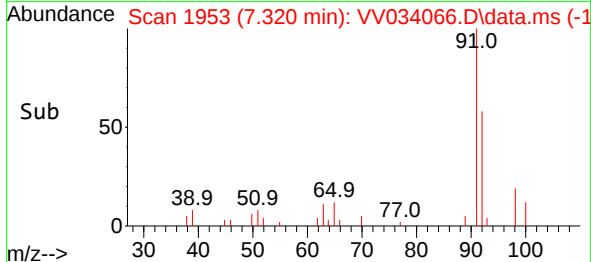
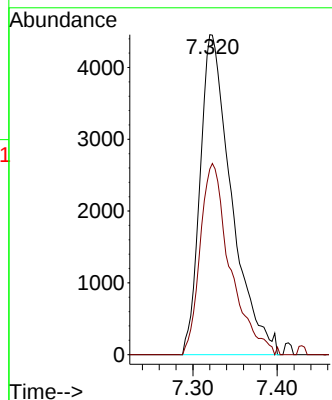
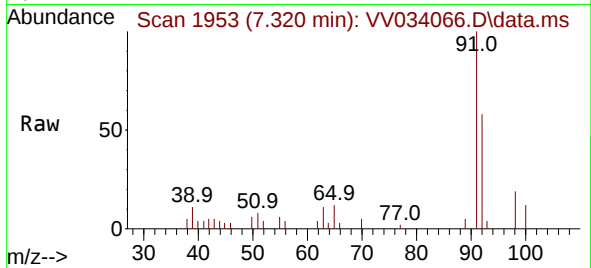
#42
Toluene
Concen: 0.404 ug/L
RT: 7.320 min Scan# 1951
Delta R.T. 0.007 min
Lab File: VV034066.D
Acq: 08 Feb 2024 18:08

Instrument :
MSVOA_V
ClientSampleId :
C0AG9

Tgt Ion: 91 Resp: 1151
Ion Ratio Lower Upper
91 100
92 58.0 42.1 78.3

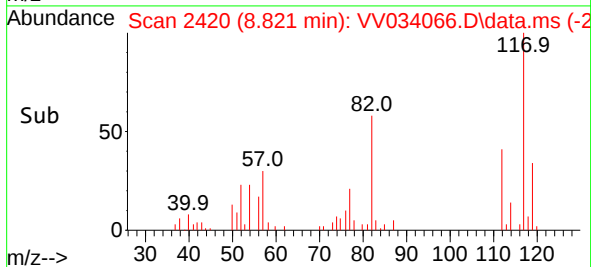
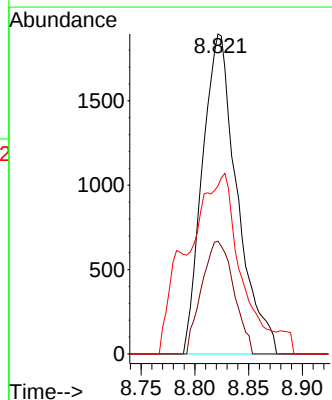
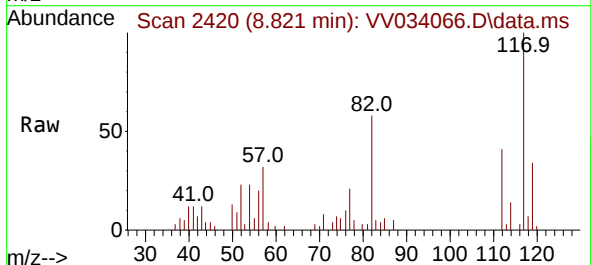
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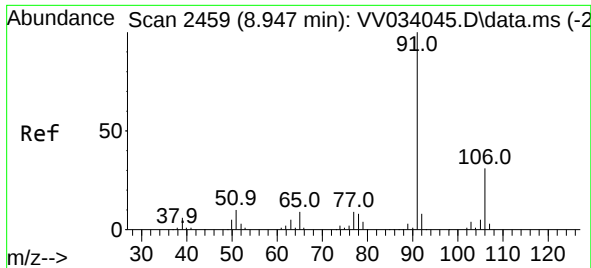
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#51
Chlorobenzene
Concen: 0.236 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. 0.007 min
Lab File: VV034066.D
Acq: 08 Feb 2024 18:08

Tgt Ion:112 Resp: 4252
Ion Ratio Lower Upper
112 100
114 35.2 22.5 41.7
77 52.5 48.1 72.1





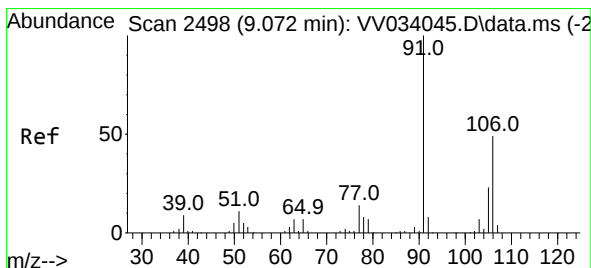
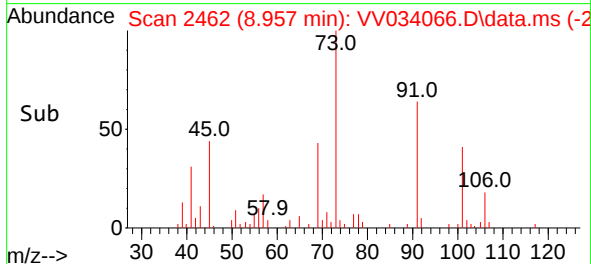
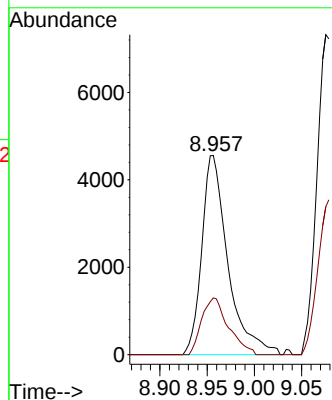
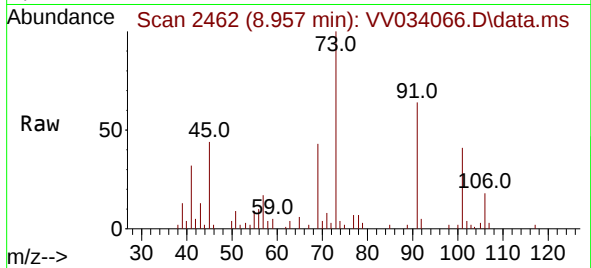
#52
Ethylbenzene
Concen: 0.267 ug/L
RT: 8.957 min Scan# 2459
Delta R.T. 0.010 min
Lab File: VV034066.D
Acq: 08 Feb 2024 18:08

Instrument :
MSVOA_V
ClientSampleId :
C0AG9

Tgt Ion: 91 Resp: 876
Ion Ratio Lower Upper
91 100
106 28.5 21.4 39.8

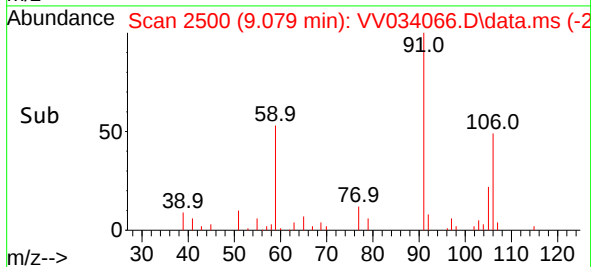
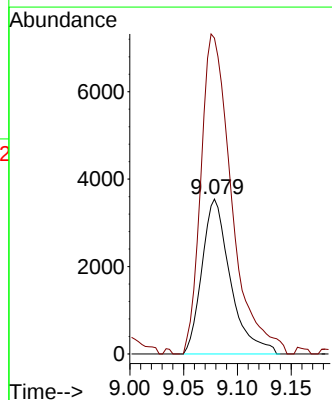
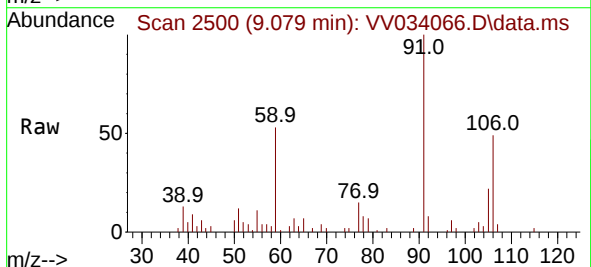
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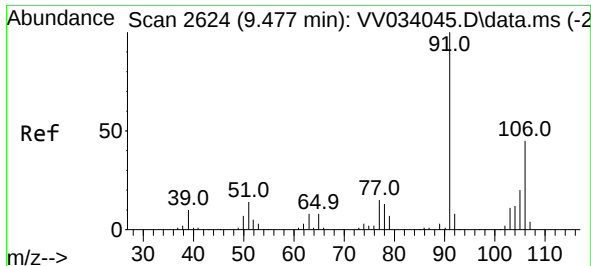
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#53
m,p-Xylene
Concen: 0.527 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.007 min
Lab File: VV034066.D
Acq: 08 Feb 2024 18:08

Tgt Ion:106 Resp: 6531
Ion Ratio Lower Upper
106 100
91 204.0 147.5 273.9





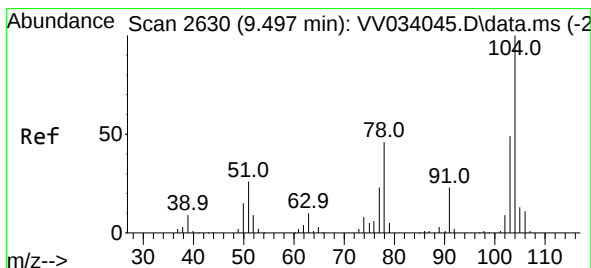
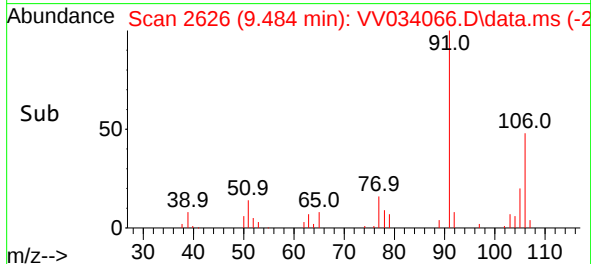
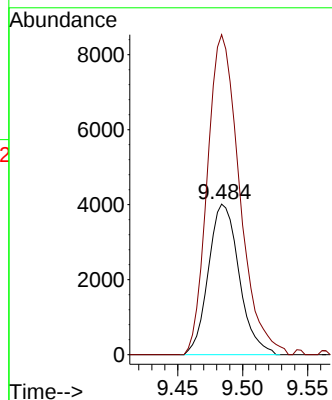
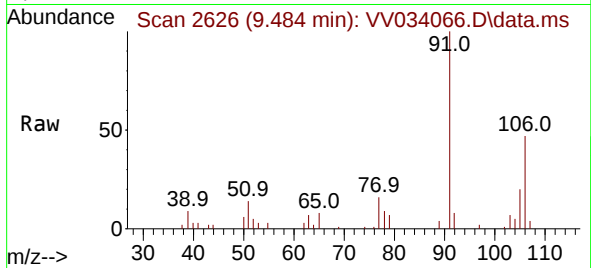
#54
o-Xylene
Concen: 0.553 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.007 min
Lab File: VV034066.D
Acq: 08 Feb 2024 18:08

Instrument :
MSVOA_V
ClientSampleId :
C0AG9

Tgt Ion:106 Resp: 660
Ion Ratio Lower Upper
106 100
91 212.6 156.2 290.0

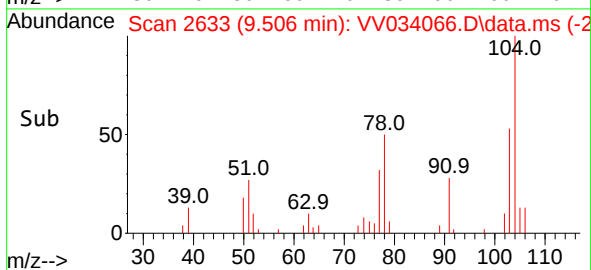
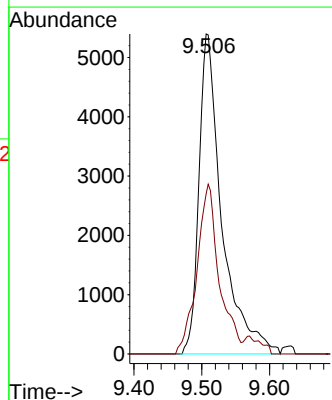
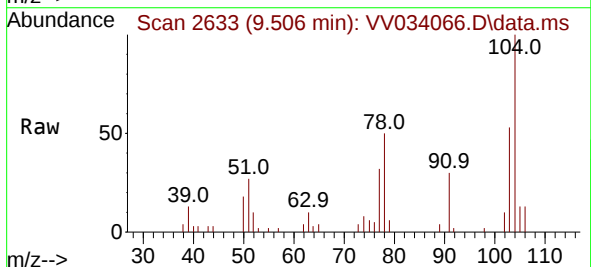
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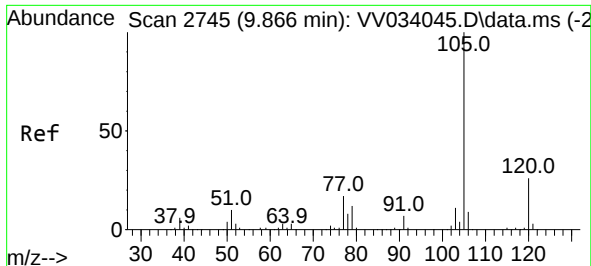
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#55
Styrene
Concen: 0.662 ug/L
RT: 9.506 min Scan# 2633
Delta R.T. 0.010 min
Lab File: VV034066.D
Acq: 08 Feb 2024 18:08

Tgt Ion:104 Resp: 12671
Ion Ratio Lower Upper
104 100
78 50.0 32.9 61.1





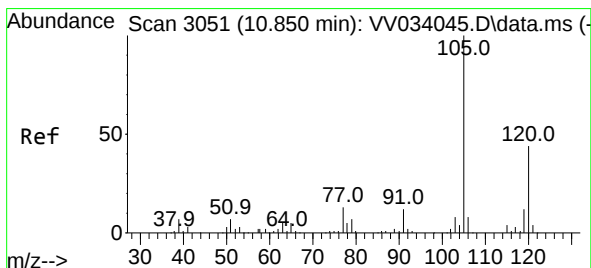
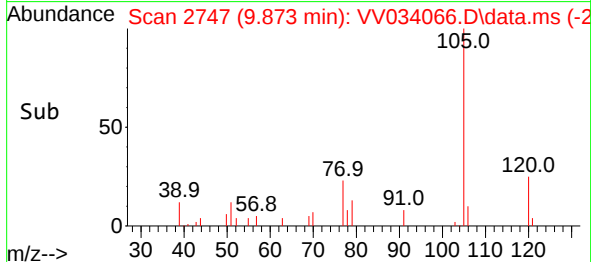
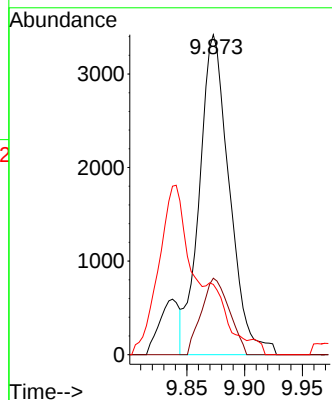
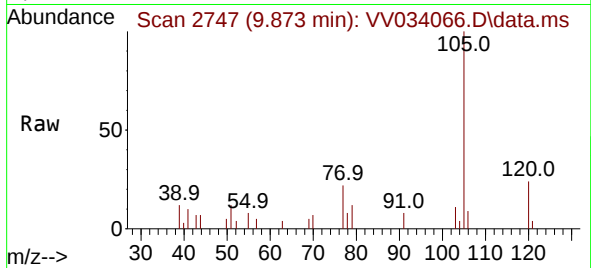
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Isopropylbenzene
Concen: 0.187 ug/L
RT: 9.873 min Scan# 2160
Delta R.T. 0.007 min
Lab File: VV034066.D
Acq: 08 Feb 2024 18:08

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Tgt Ion:105 Resp: 6160
Ion Ratio Lower Upper
105 100
120 22.2 20.7 31.1
77 0.0 13.0 19.6

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#63
1,2,4-Trimethylbenzene
Concen: 0.137 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. 0.010 min
Lab File: VV034066.D
Acq: 08 Feb 2024 18:08

Tgt Ion:105 Resp: 3727
Ion Ratio Lower Upper
105 100
120 42.4 36.2 54.2

