

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012425\
 Data File : VU062987.D
 Acq On : 24 Jan 2025 12:46
 Operator : MD/SY
 Sample : Q1174-01
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

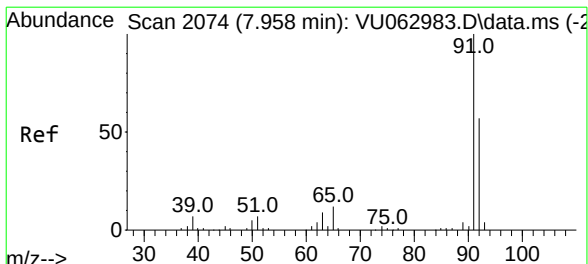
Instrument :
 MSVOA_U
 ClientSampleId :
 E2931

Quant Time: Jan 24 19:03:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 24 19:02:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.271	114	100504	5.000	ug/L	0.03
28) Chlorobenzene-d5	9.415	117	94963	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	52568	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.605	65	16812	3.020	ug/L	0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.400%
7) Chloroethane-d5	1.933	69	11895	2.656	ug/L	0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	53.200%#
11) 1,1-Dichloroethene-d2	2.576	65	7529	2.611	ug/L	0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.200%#
20) 2-Butanone-d5	4.763	46	34303	30.153	ug/L	0.15
Spiked Amount	50.000	Range	40 - 130	Recovery	=	60.300%
24) Chloroform-d	5.107	84	60454	4.414	ug/L	0.06
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	5.740	65	28809	3.878	ug/L	0.05
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.600%
32) Benzene-d6	5.756	84	95417	4.110	ug/L	0.04
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	6.708	67	28760	4.469	ug/L	0.03
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.904	98	83316	3.684	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.600%
43) trans-1,3-Dichloroprop...	8.187	79	10673	3.327	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.600%
46) 2-Hexanone-d5	8.644	63	31325	31.045	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	62.100%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	24493	4.544	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	31667	3.621	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	72.400%#
Target Compounds					Qvalue	
42) Toluene	7.975	91	44987	1.505	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	5299	0.172	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	10359	0.348	ug/L	92
67) 1,2-Dichlorobenzene	12.200	146	2260	0.144	ug/L #	74

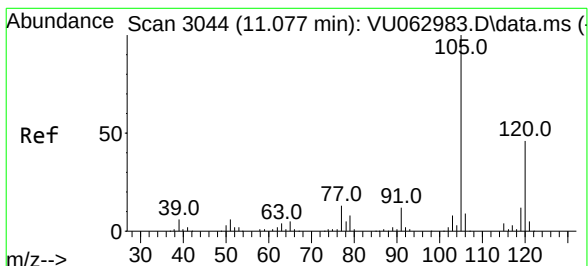
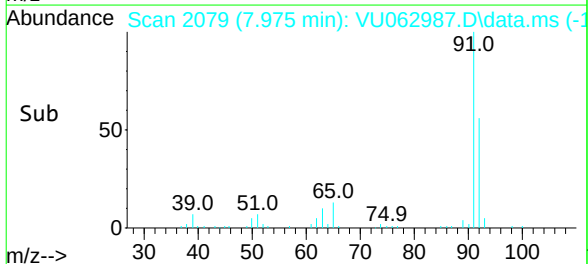
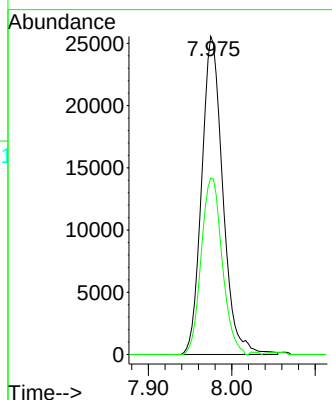
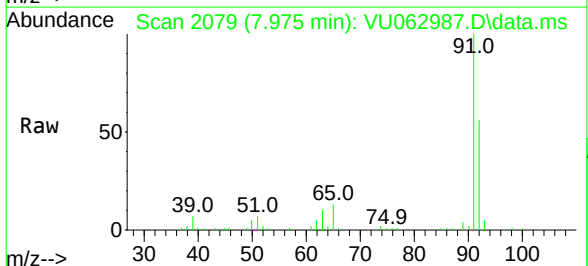
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#42
Toluene
Concen: 1.505 ug/L
RT: 7.975 min Scan# 2074
Delta R.T. 0.016 min
Lab File: VU062987.D
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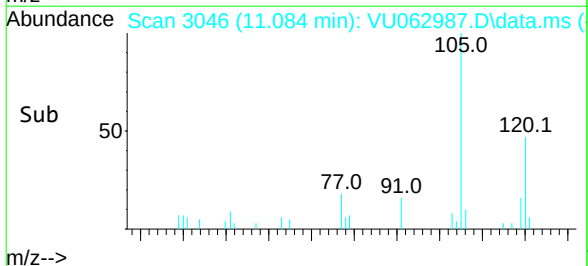
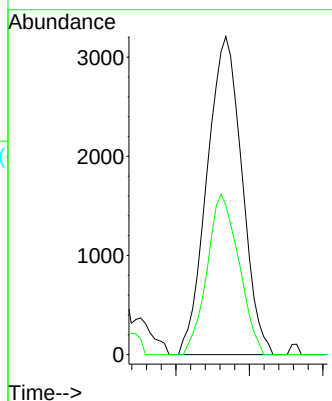
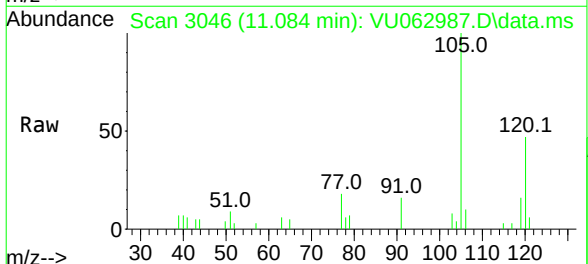
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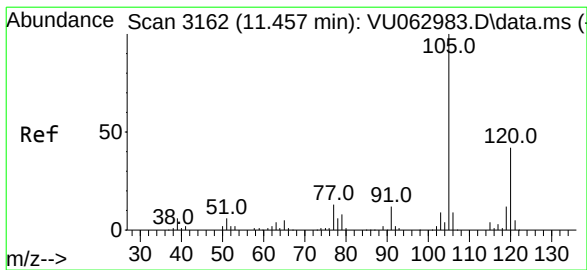
Tgt Ion: 91 Resp: 44987
Ion Ratio Lower Upper
91 100
92 55.5 40.4 75.0



#62
1,3,5-Trimethylbenzene
Concen: 0.172 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.007 min
Lab File: VU062987.D
Acq: 24 Jan 2025 12:46

Tgt Ion: 105 Resp: 5299
Ion Ratio Lower Upper
105 100
120 45.8 35.9 53.9

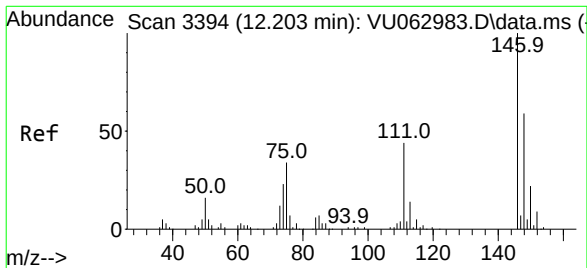
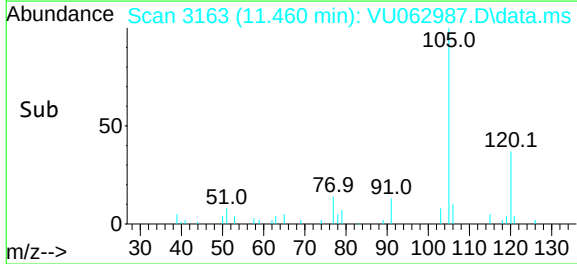
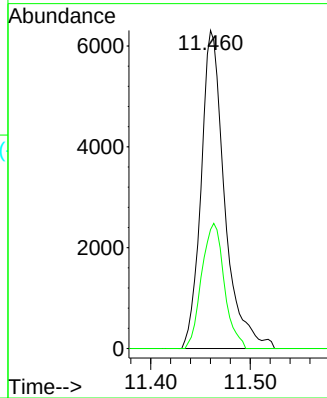
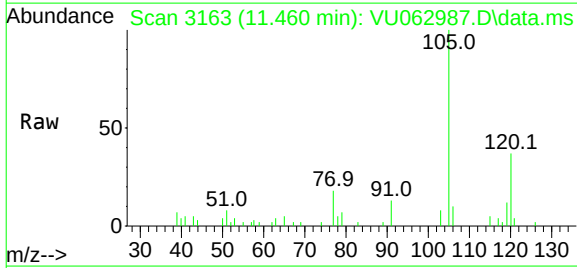




#63
1,2,4-Trimethylbenzene
Concen: 0.348 ug/L
RT: 11.460 min Scan# 3162
Delta R.T. 0.003 min
Lab File: VU062987.D
Acq: 24 Jan 2025 12:46

Instrument :
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Tgt Ion:105 Resp: 10359
Ion Ratio Lower Upper
105 100
120 37.8 34.2 51.2



#67
1,2-Dichlorobenzene
Concen: 0.144 ug/L
RT: 12.200 min Scan# 3393
Delta R.T. -0.003 min
Lab File: VU062987.D
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Tgt Ion:146 Resp: 2260
Ion Ratio Lower Upper
146 100
111 61.7 36.3 54.5#
148 86.0 52.0 78.0#

