

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121121\
 Data File : VU046289.D
 Acq On : 11 Dec 2021 16:12
 Operator : SY/MD
 Sample : M4983-03DL 40X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5N1DL

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Title : VOC Analysis

Signal : TIC: VU046289.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.604	74	82	98	rVB2	129985	155214	23.13%	1.967%
2	1.919	171	180	182	rBV	63844	73001	10.88%	0.925%
3	2.446	337	344	349	rBV2	625	786	0.12%	0.010%
4	2.530	366	370	372	rBV	531	407	0.06%	0.005%
5	2.572	372	383	407	rVV	129194	215828	32.16%	2.734%
6	2.729	428	432	435	rVV2	466	342	0.05%	0.004%
7	2.877	474	478	481	rBV	400	383	0.06%	0.005%
8	3.054	523	533	543	rBV5	4373	7939	1.18%	0.101%
9	3.359	619	628	639	rBV3	4119	7705	1.15%	0.098%
10	3.449	653	656	661	rVB2	467	393	0.06%	0.005%
11	3.523	672	679	683	rVB	673	601	0.09%	0.008%
12	3.787	758	761	766	rVB2	440	343	0.05%	0.004%
13	3.874	771	788	809	rBV	117964	276593	41.21%	3.504%
14	4.144	869	872	878	rVB2	380	409	0.06%	0.005%
15	4.173	878	881	885	rBV2	483	438	0.07%	0.006%
16	4.244	900	903	909	rBV2	483	556	0.08%	0.007%
17	4.311	916	924	927	rVV2	394	478	0.07%	0.006%
18	4.668	1011	1035	1060	rBV2	164848	533832	79.54%	6.764%
19	4.957	1123	1125	1129	rVV	556	352	0.05%	0.004%
20	5.067	1139	1159	1184	rBV	120829	278450	41.49%	3.528%
21	5.321	1223	1238	1258	rVB	30001	66209	9.86%	0.839%
22	5.456	1276	1280	1282	rBV2	589	458	0.07%	0.006%
23	5.729	1344	1365	1385	rBV2	244386	671189	100.00%	8.504%
24	5.967	1436	1439	1444	rVB2	374	384	0.06%	0.005%
25	6.253	1513	1528	1557	rVB	214603	405434	60.41%	5.137%
26	6.536	1605	1616	1627	rBV7	4589	9203	1.37%	0.117%
27	6.633	1643	1646	1650	rBV	494	348	0.05%	0.004%
28	6.694	1650	1665	1689	rVB	158432	310688	46.29%	3.936%
29	6.813	1695	1702	1705	rBV3	541	649	0.10%	0.008%
30	6.835	1705	1709	1713	rVB2	469	418	0.06%	0.005%
31	7.018	1762	1766	1770	rVB	584	428	0.06%	0.005%
32	7.041	1770	1773	1775	rBV	491	358	0.05%	0.005%
33	7.182	1812	1817	1821	rBV2	546	577	0.09%	0.007%
34	7.379	1872	1878	1883	rVB2	437	488	0.07%	0.006%
35	7.504	1911	1917	1924	rVB2	409	570	0.08%	0.007%
36	7.568	1924	1937	1956	rBV	90346	155922	23.23%	1.975%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121121\
 Data File : VU046289.D
 Acq On : 11 Dec 2021 16:12
 Operator : SY/MD
 Sample : M4983-03DL 40X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5N1DL

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Title : VOC Analysis

37	7.723	1982	1985	1990	rVB	493	438	0.07%	0.006%
38	7.899	2026	2040	2054	rBV	292229	504660	75.19%	6.394%
39	7.973	2054	2063	2080	rVB	29492	52575	7.83%	0.666%
40	8.038	2080	2083	2087	rBV3	410	364	0.05%	0.005%
41	8.182	2116	2128	2141	rBV	63255	104124	15.51%	1.319%
42	8.266	2151	2154	2160	rVB2	415	416	0.06%	0.005%
43	8.401	2193	2196	2201	rVB	548	456	0.07%	0.006%
44	8.636	2256	2269	2296	rVV	247738	422296	62.92%	5.350%
45	8.809	2318	2323	2325	rBV	426	366	0.05%	0.005%
46	8.980	2373	2376	2383	rBV	351	427	0.06%	0.005%
47	9.115	2414	2418	2420	rBV2	505	366	0.05%	0.005%
48	9.330	2481	2485	2488	rBV	474	506	0.08%	0.006%
49	9.420	2500	2513	2535	rBV	321890	530856	79.09%	6.726%
50	9.571	2548	2560	2573	rBV	54161	84958	12.66%	1.076%
51	9.694	2585	2598	2613	rBV	129846	212213	31.62%	2.689%
52	10.009	2692	2696	2701	rBV	511	403	0.06%	0.005%
53	10.102	2714	2725	2739	rBV	67525	106883	15.92%	1.354%
54	10.485	2833	2844	2855	rBV2	6167	9860	1.47%	0.125%
55	10.671	2898	2902	2908	rBV3	742	696	0.10%	0.009%
56	10.758	2916	2929	2946	rVB	262165	414472	61.75%	5.251%
57	10.906	2963	2975	2988	rBV	21944	34137	5.09%	0.433%
58	10.999	2993	3004	3023	rVV	82834	187533	27.94%	2.376%
59	11.089	3023	3032	3046	rVB	49094	71771	10.69%	0.909%
60	11.176	3055	3059	3062	rBV2	508	439	0.07%	0.006%
61	11.234	3071	3077	3082	rVB3	888	1024	0.15%	0.013%
62	11.292	3085	3095	3106	rBV	54971	82986	12.36%	1.051%
63	11.398	3125	3128	3135	rVB	658	622	0.09%	0.008%
64	11.468	3136	3150	3167	rBV	244415	373369	55.63%	4.730%
65	11.748	3229	3237	3245	rBV3	2027	3484	0.52%	0.044%
66	11.812	3245	3257	3272	rVV	381037	597019	88.95%	7.564%
67	11.896	3272	3283	3300	rVB	72013	112032	16.69%	1.419%
68	12.095	3335	3345	3364	rVB2	30396	50945	7.59%	0.645%
69	12.195	3364	3376	3392	rVB	358653	573565	85.46%	7.267%
70	12.285	3401	3404	3407	rBV2	374	360	0.05%	0.005%
71	12.382	3428	3434	3442	rVB3	1977	2260	0.34%	0.029%
72	12.481	3454	3465	3485	rBV	71505	124625	18.57%	1.579%
73	12.571	3486	3493	3501	rVB	5537	7994	1.19%	0.101%
74	12.687	3522	3529	3536	rVB6	1763	2642	0.39%	0.033%
75	12.771	3552	3555	3558	rBV2	564	423	0.06%	0.005%
76	12.873	3584	3587	3588	rBV	751	445	0.07%	0.006%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121121\
 Data File : VU046289.D
 Acq On : 11 Dec 2021 16:12
 Operator : SY/MD
 Sample : M4983-03DL 40X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5N1DL

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Title : VOC Analysis

77	12.944	3604	3609	3611	rBV	532	578	0.09%	0.007%
78	12.973	3611	3618	3627	rVV	2364	3584	0.53%	0.045%
79	13.028	3627	3635	3648	rVB2	4308	6449	0.96%	0.082%
80	13.250	3700	3704	3707	rBV2	476	387	0.06%	0.005%
81	13.291	3713	3717	3720	rBV3	585	641	0.10%	0.008%
82	13.388	3744	3747	3751	rBV	398	347	0.05%	0.004%
83	13.455	3760	3768	3777	rVB5	3814	5873	0.88%	0.074%
84	13.523	3786	3789	3795	rVB2	395	366	0.05%	0.005%
85	13.623	3817	3820	3830	rVB3	857	1154	0.17%	0.015%
86	14.089	3955	3965	3978	rBV	7818	12535	1.87%	0.159%
87	14.211	3996	4003	4005	rBV2	532	665	0.10%	0.008%
88	14.333	4037	4041	4044	rBV2	431	436	0.06%	0.006%
89	14.372	4049	4053	4058	rVB2	477	474	0.07%	0.006%
90	14.529	4099	4102	4107	rBV2	360	377	0.06%	0.005%
91	14.581	4111	4118	4125	rVB2	1076	1566	0.23%	0.020%
92	15.015	4250	4253	4260	rBV2	306	372	0.06%	0.005%
93	15.066	4266	4269	4271	rBV	563	364	0.05%	0.005%
94	15.179	4301	4304	4308	rBV2	623	576	0.09%	0.007%
95	15.372	4361	4364	4367	rBV2	508	350	0.05%	0.004%
96	15.475	4393	4396	4404	rBV2	485	653	0.10%	0.008%
97	15.684	4457	4461	4466	rBV	489	629	0.09%	0.008%
98	15.944	4535	4542	4547	rBV2	621	892	0.13%	0.011%
99	16.716	4780	4782	4788	rBV4	462	510	0.08%	0.006%
100	16.944	4849	4853	4856	rBV2	716	648	0.10%	0.008%

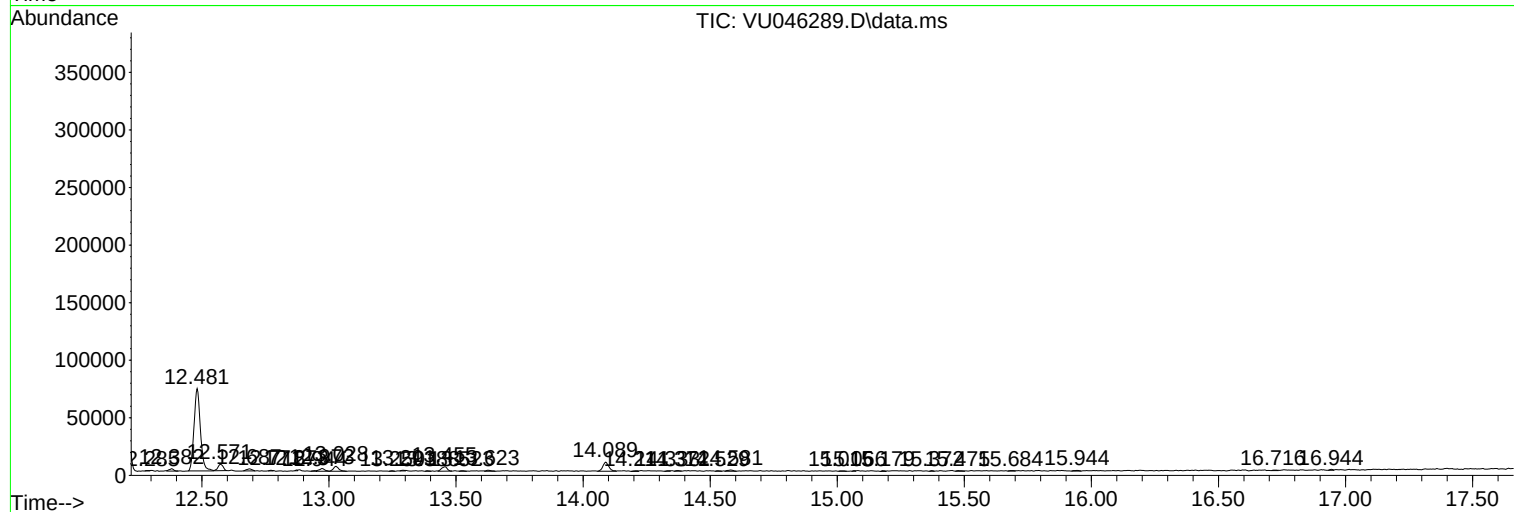
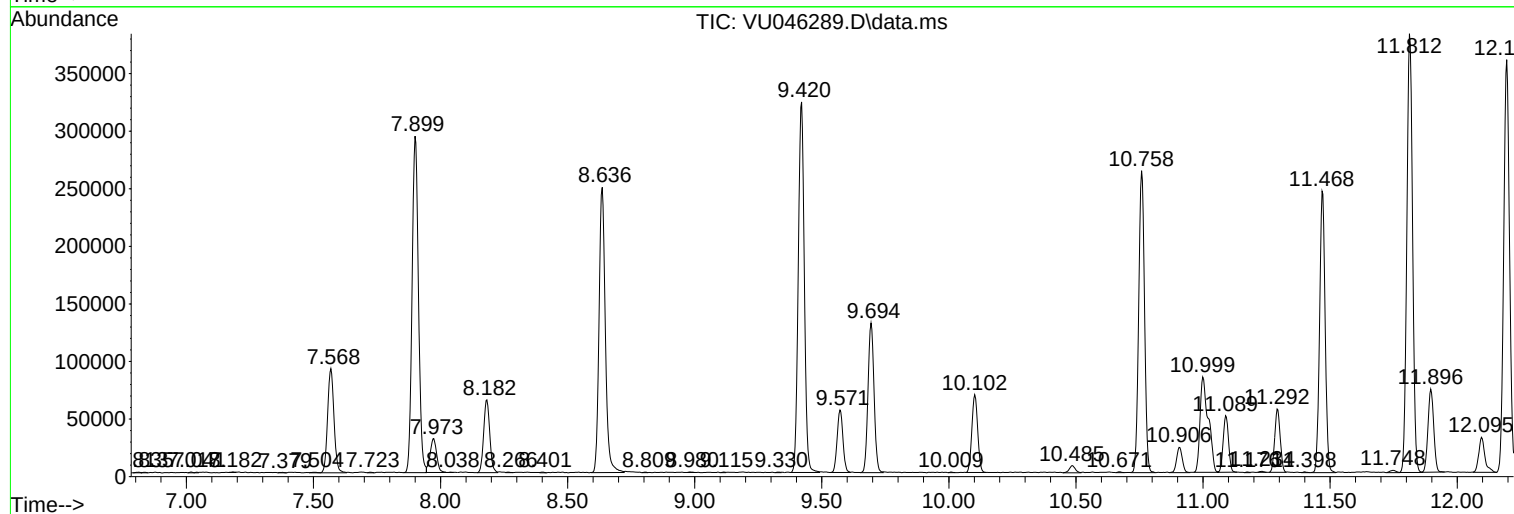
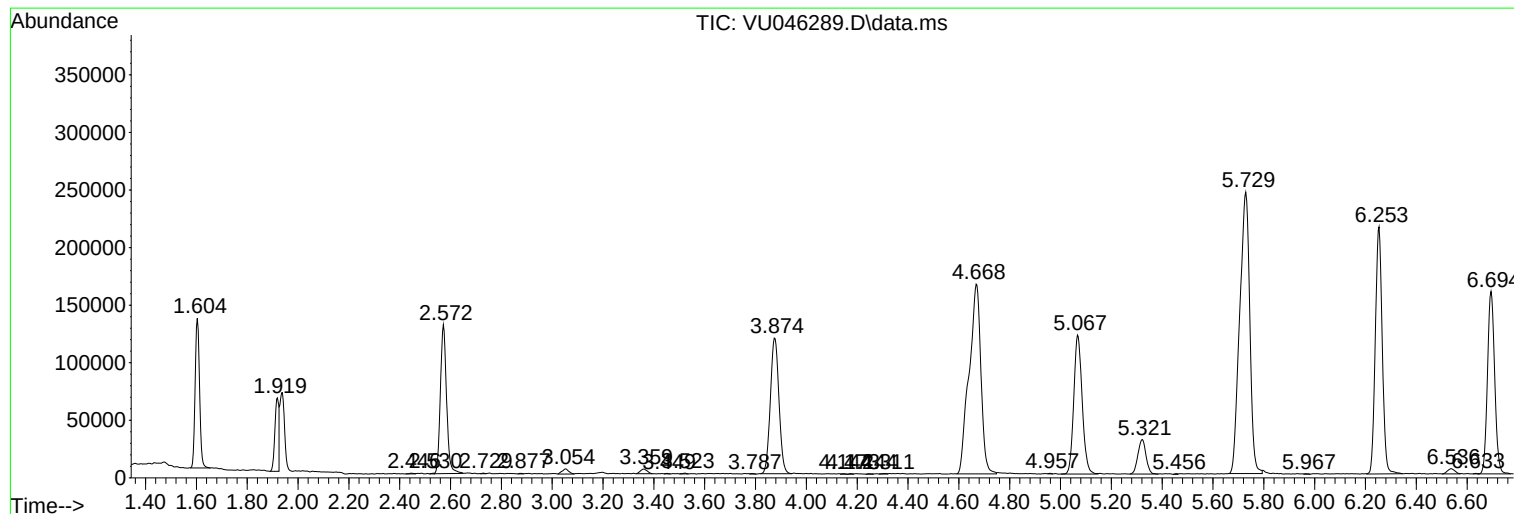
Sum of corrected areas: 7892809

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121121\
Data File : VU046289.D
Acq On : 11 Dec 2021 16:12
Operator : SY/MD
Sample : M4983-03DL 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N1DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121121\
Data File : VU046289.D
Acq On : 11 Dec 2021 16:12
Operator : SY/MD
Sample : M4983-03DL 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N1DL

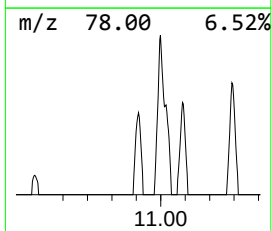
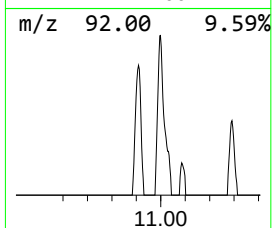
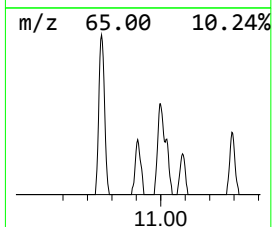
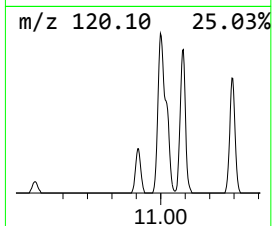
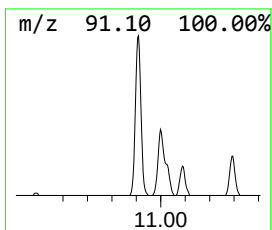
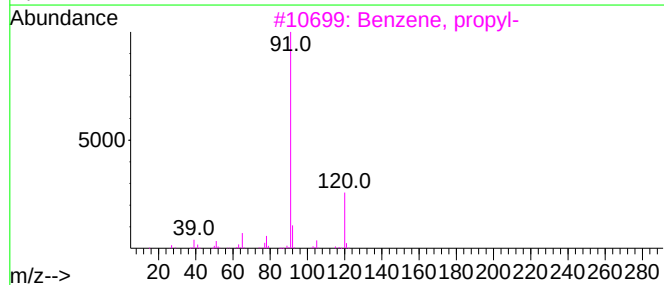
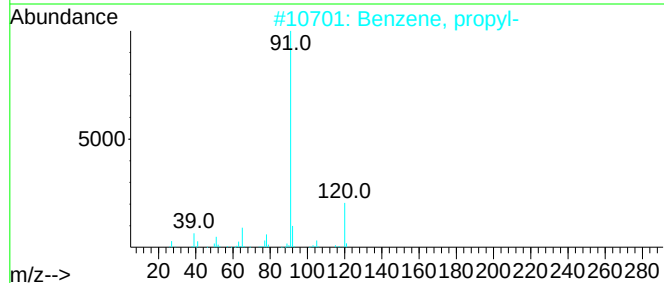
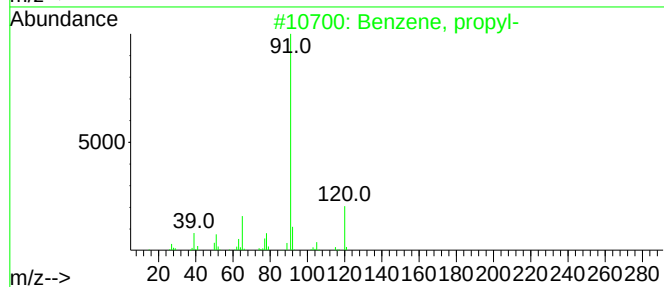
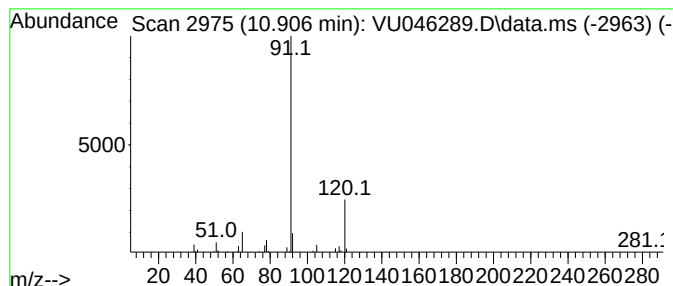
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.906	2.86 ug/L	34137	1,4-Dichlorobenzene-d4	11.812

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, propyl-	120	C9H12	000103-65-1	87
2		Benzene, propyl-	120	C9H12	000103-65-1	87
3		Benzene, propyl-	120	C9H12	000103-65-1	83
4		Benzene, propyl-	120	C9H12	000103-65-1	76
5		1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121121\
Data File : VU046289.D
Acq On : 11 Dec 2021 16:12
Operator : SY/MD
Sample : M4983-03DL 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N1DL

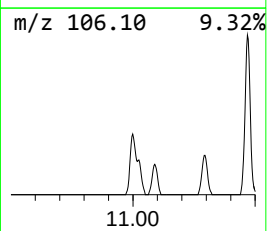
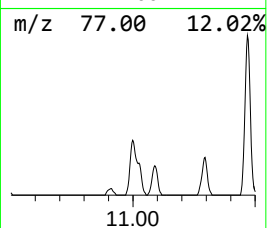
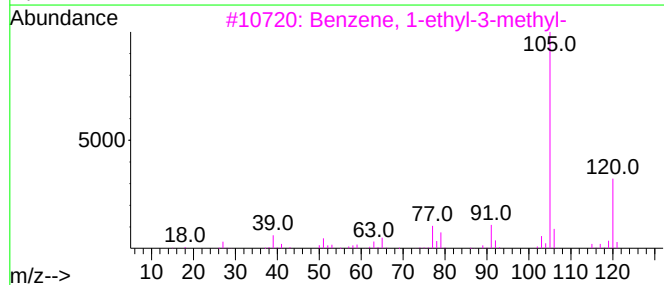
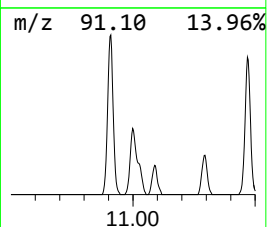
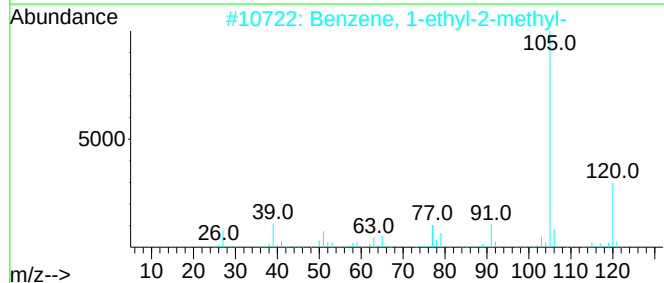
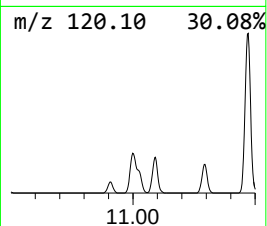
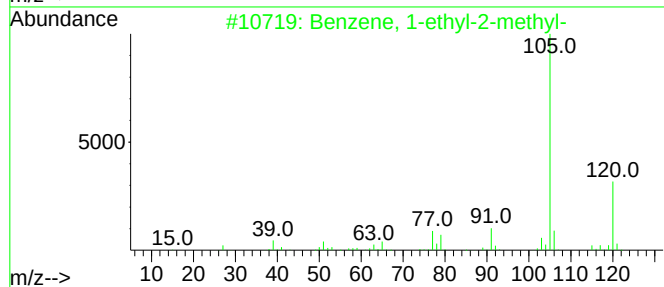
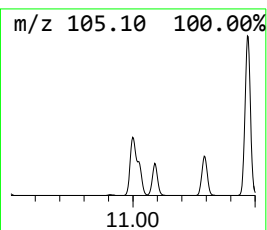
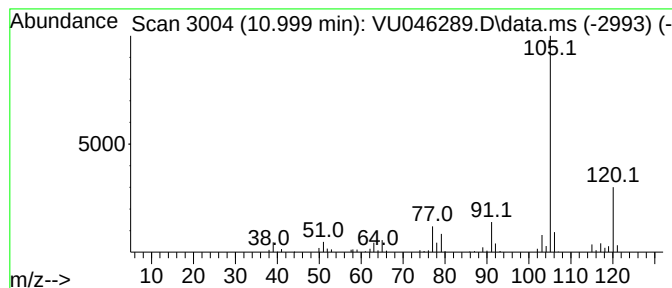
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.999	15.71 ug/L	187533	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121121\
Data File : VU046289.D
Acq On : 11 Dec 2021 16:12
Operator : SY/MD
Sample : M4983-03DL 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N1DL

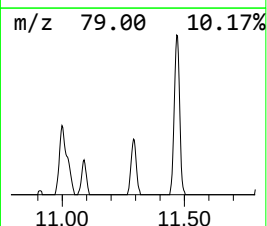
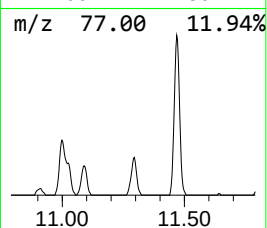
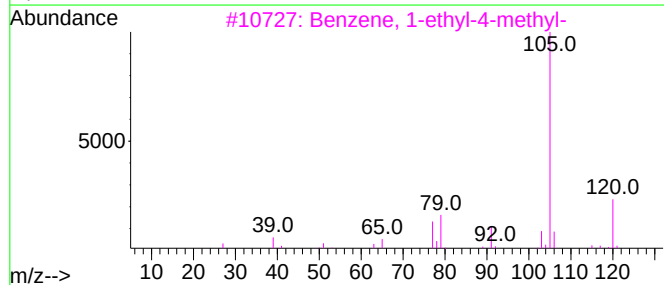
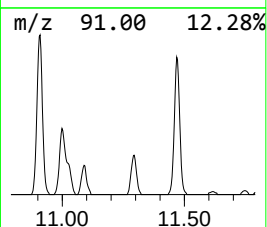
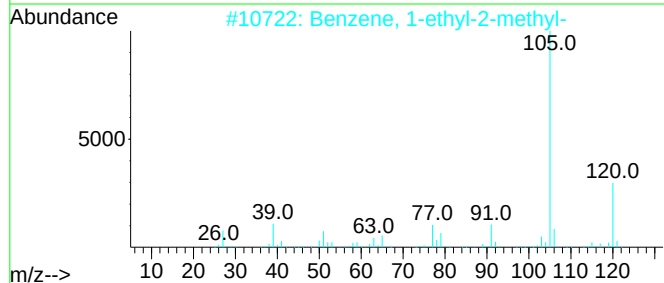
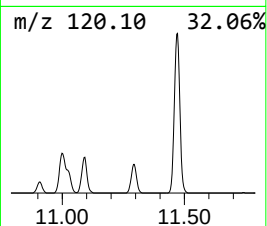
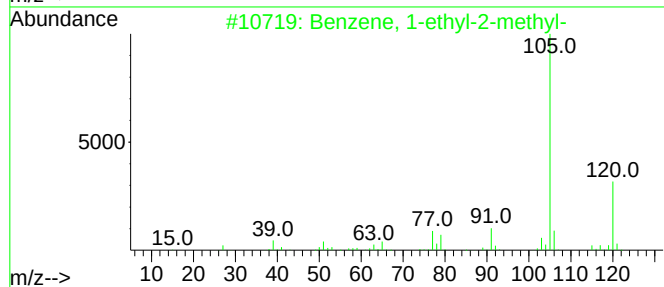
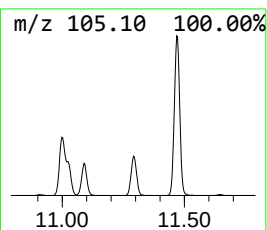
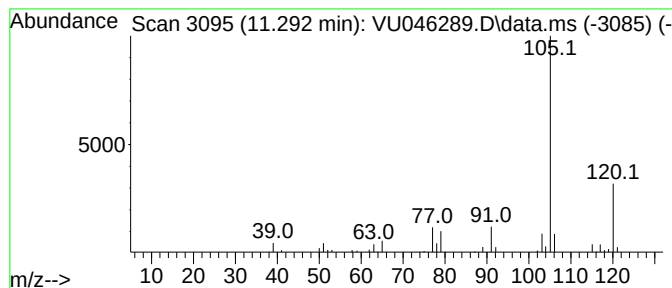
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-ethyl-4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.291	6.95 ug/L	82986	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5			Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121121\
Data File : VU046289.D
Acq On : 11 Dec 2021 16:12
Operator : SY/MD
Sample : M4983-03DL 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N1DL

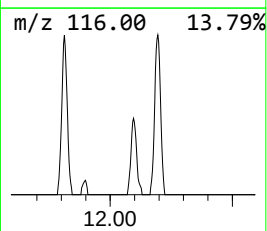
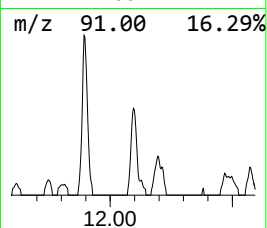
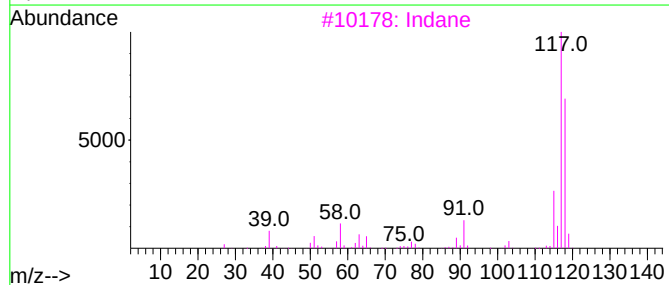
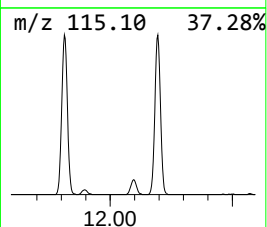
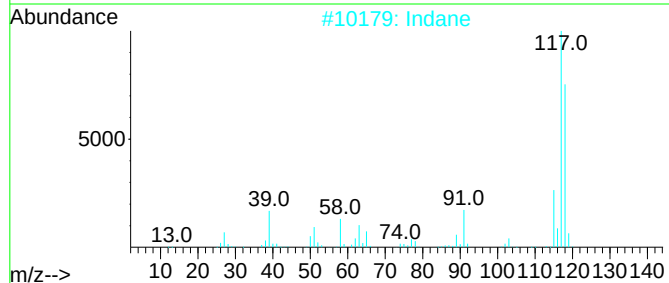
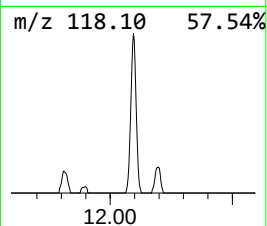
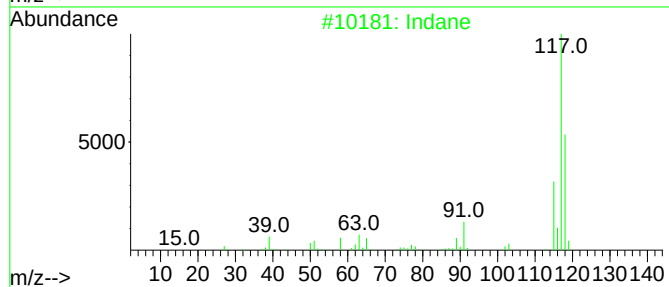
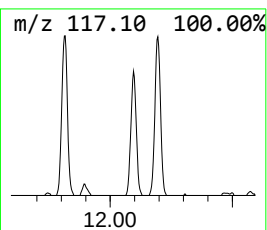
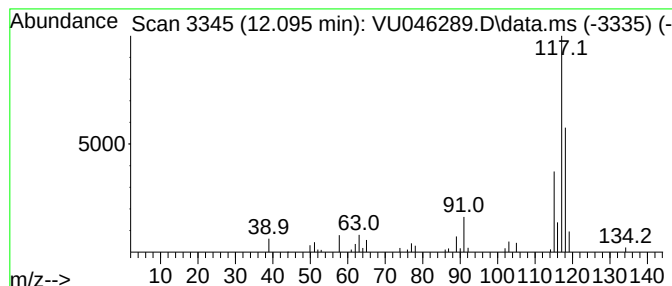
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.095	4.27 ug/L	50945	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane			118	C9H10	000496-11-7	94
2	Indane			118	C9H10	000496-11-7	91
3	Indane			118	C9H10	000496-11-7	87
4	Indane			118	C9H10	000496-11-7	81
5	Benzeneethanol, .beta.-ethenyl-			148	C10H12O	006052-63-7	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121121\
Data File : VU046289.D
Acq On : 11 Dec 2021 16:12
Operator : SY/MD
Sample : M4983-03DL 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N1DL

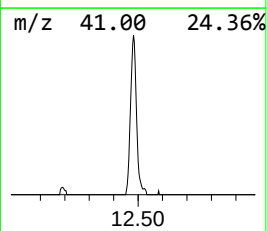
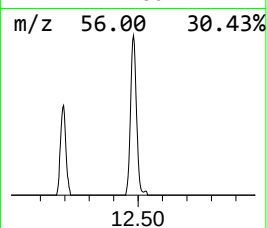
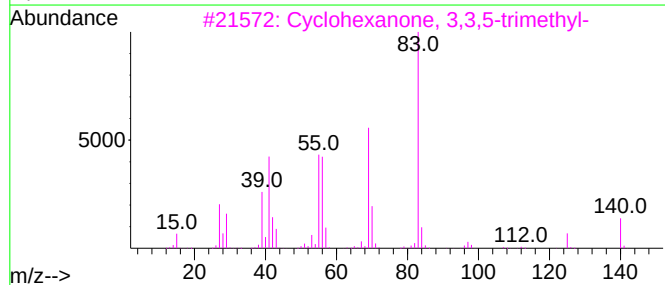
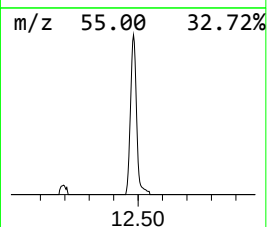
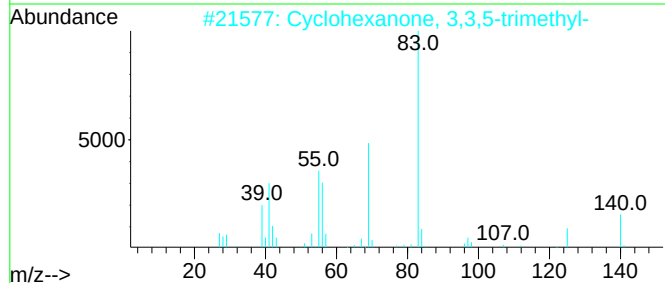
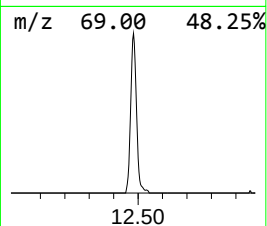
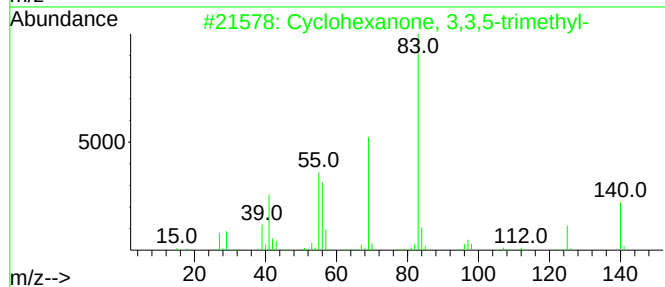
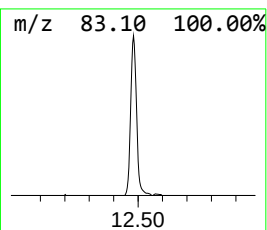
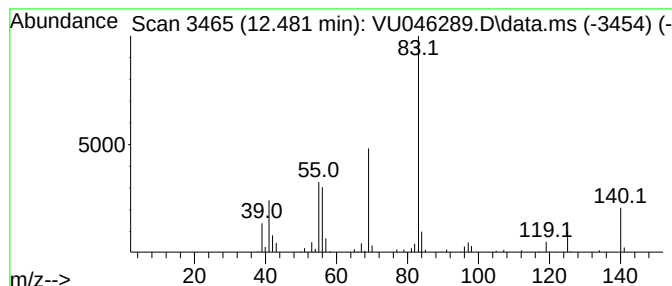
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Cyclohexanone, 3,3,5-trimet... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.481	10.44 ug/L	124625	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	96
2			Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	95
3			Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	91
4			Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	91
5			1H-1,2,4-Triazole, 3-(2-methylpr...	125	C6H11N3	040515-29-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121121\
Data File : VU046289.D
Acq On : 11 Dec 2021 16:12
Operator : SY/MD
Sample : M4983-03DL 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N1DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, propyl-	10.906	2.9	ug/L	34137	3	11.812	597019	50.0
Benzene, 1-ethy...	10.999	15.7	ug/L	187533	3	11.812	597019	50.0
Benzene, 1-ethy...	11.291	7.0	ug/L	82986	3	11.812	597019	50.0
Indane	12.095	4.3	ug/L	50945	3	11.812	597019	50.0
Cyclohexanone, ...	12.481	10.4	ug/L	124625	3	11.812	597019	50.0