

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121719\
 Data File : VU036258.D
 Acq On : 17 Dec 2019 14:55
 Operator : JC/MD
 Sample : K6281-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFQT2

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.1

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M

Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.369	3	9	19	rBV2	31070	32461	2.98%	0.287%
2	1.610	71	84	92	rBV	158018	199440	18.34%	1.761%
3	1.707	109	114	119	rBV	8967	11637	1.07%	0.103%
4	1.745	119	126	137	rVB	22379	32032	2.94%	0.283%
5	1.928	175	183	196	rVB	119575	152564	14.03%	1.347%
6	2.404	328	331	350	rVB6	15356	30258	2.78%	0.267%
7	2.591	377	389	403	rBV	159747	258653	23.78%	2.284%
8	2.690	409	420	438	rBV3	17664	54607	5.02%	0.482%
9	3.414	628	645	657	rBV4	20028	53066	4.88%	0.469%
10	3.632	702	713	729	rVB6	9429	21777	2.00%	0.192%
11	4.706	1029	1047	1080	rBV3	121128	444566	40.87%	3.925%
12	5.112	1157	1173	1190	rBV	166472	366190	33.67%	3.233%
13	5.767	1357	1377	1386	rBV2	313434	796912	73.26%	7.036%
14	5.816	1387	1392	1408	rVB	154213	281498	25.88%	2.485%
15	6.288	1523	1539	1559	rBV	297477	565547	51.99%	4.993%
16	6.732	1663	1677	1692	rBV2	201491	394610	36.28%	3.484%
17	6.800	1693	1698	1708	rVB8	7301	11127	1.02%	0.098%
18	7.600	1935	1947	1967	rBV	92106	168243	15.47%	1.485%
19	7.931	2035	2050	2063	rBV	332616	582232	53.53%	5.140%
20	8.002	2063	2072	2087	rVB	53244	95288	8.76%	0.841%
21	8.214	2126	2138	2152	rBV	58004	107713	9.90%	0.951%
22	8.526	2223	2235	2247	rBV2	22999	43734	4.02%	0.386%
23	8.677	2267	2282	2319	rBV	397869	902154	82.94%	7.965%
24	8.822	2319	2327	2338	rVB8	10185	19063	1.75%	0.168%
25	9.446	2508	2521	2558	rBV2	449424	1087720	100.00%	9.603%
26	9.597	2558	2568	2587	rVB	73782	127487	11.72%	1.126%
27	9.719	2594	2606	2620	rBV	199219	334604	30.76%	2.954%
28	10.127	2721	2733	2752	rVB	136803	230743	21.21%	2.037%
29	10.388	2804	2814	2829	rVB10	9163	17940	1.65%	0.158%
30	10.510	2842	2852	2864	rVB3	24788	40655	3.74%	0.359%
31	10.600	2870	2880	2892	rVB3	5445	11378	1.05%	0.100%
32	10.783	2924	2937	2950	rBV2	184932	307528	28.27%	2.715%
33	10.931	2968	2983	2992	rBV2	26879	50022	4.60%	0.442%
34	11.021	2998	3011	3030	rBV3	50858	121807	11.20%	1.075%

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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON
Sampling : 1
Start Thrs: 0.1
Stop Thrs : 0
Filtering: 5
Min Area: 3 % of largest Peak
Max Peaks: 100
Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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Title : TRACE VOA SOM01.0

35	11.111	3030	3039	3050	rVB	47496	72756	6.69%	0.642%
36	11.262	3077	3086	3093	rBV8	6374	12107	1.11%	0.107%
37	11.314	3093	3102	3115	rVB	60986	97809	8.99%	0.864%
38	11.491	3147	3157	3169	rVB	116296	183895	16.91%	1.624%
39	11.632	3193	3201	3205	rBV3	9371	14579	1.34%	0.129%
40	11.661	3206	3210	3219	rVB4	12230	17573	1.62%	0.155%
41	11.767	3234	3243	3252	rBV3	45925	71160	6.54%	0.628%
42	11.835	3252	3264	3281	rVV2	460456	959253	88.19%	8.469%
43	11.915	3281	3289	3308	rVB	88242	144744	13.31%	1.278%
44	12.118	3336	3352	3369	rVV3	66315	127553	11.73%	1.126%
45	12.217	3369	3383	3403	rVB2	474217	1015886	93.40%	8.969%
46	12.323	3407	3416	3427	rBV7	8200	13626	1.25%	0.120%
47	12.397	3430	3439	3452	rVB2	20179	31576	2.90%	0.279%
48	12.484	3456	3466	3471	rBV2	18319	28439	2.61%	0.251%
49	12.513	3471	3475	3485	rVV3	13744	20572	1.89%	0.182%
50	12.590	3489	3499	3507	rVV2	30450	47030	4.32%	0.415%
51	12.632	3507	3512	3524	rVB8	8022	13618	1.25%	0.120%
52	12.706	3524	3535	3554	rBV6	34274	73486	6.76%	0.649%
53	12.889	3579	3592	3606	rVB5	24354	46740	4.30%	0.413%
54	12.992	3608	3624	3632	rBV3	31440	53999	4.96%	0.477%
55	13.047	3632	3641	3654	rVB2	35117	55555	5.11%	0.490%
56	13.311	3717	3723	3733	rVB6	9015	13990	1.29%	0.124%
57	13.471	3764	3773	3785	rVB3	33326	60222	5.54%	0.532%
58	13.642	3816	3826	3839	rBV2	28833	45613	4.19%	0.403%
59	13.860	3882	3894	3909	rBV3	40954	78855	7.25%	0.696%
60	14.105	3959	3970	3983	rBV2	16523	29315	2.70%	0.259%
61	14.304	4021	4032	4041	rBV7	17214	30413	2.80%	0.269%
62	14.349	4041	4046	4057	rVB7	6844	10987	1.01%	0.097%

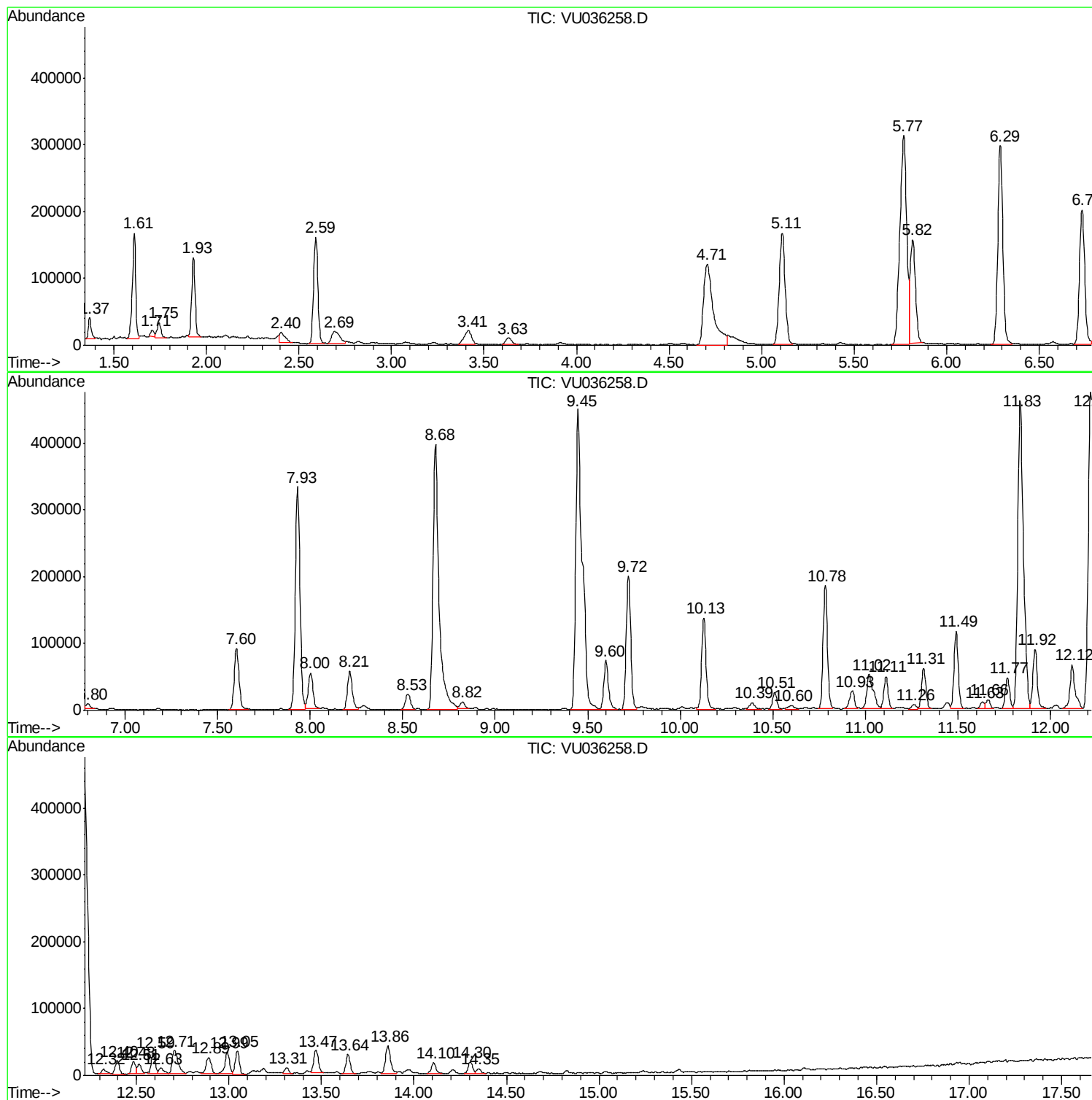
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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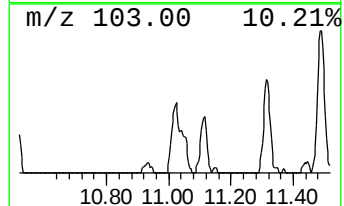
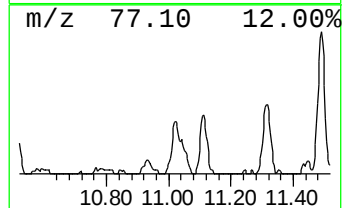
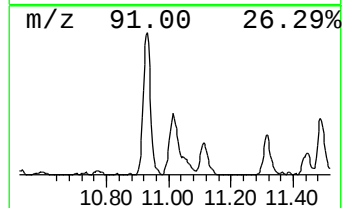
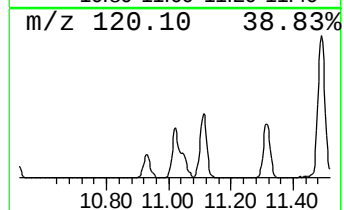
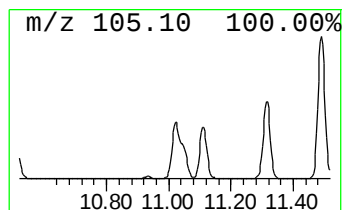
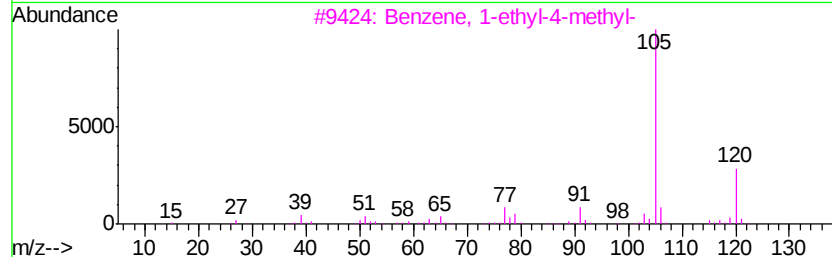
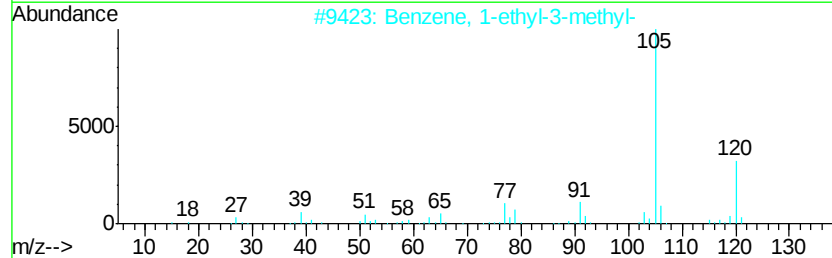
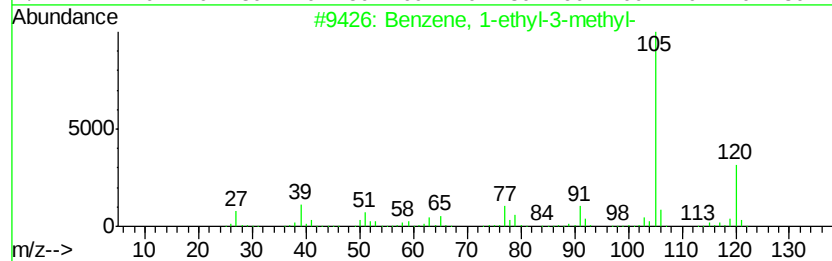
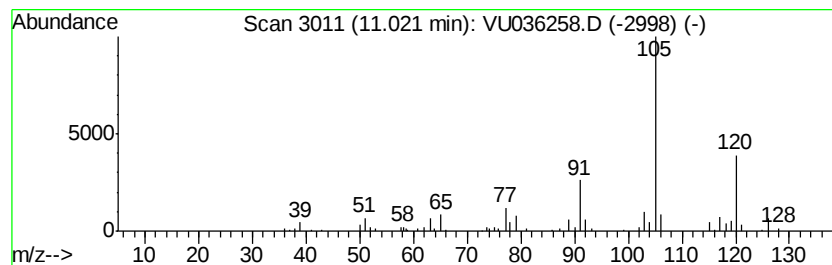
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	0.63 ug/L	121807	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	76
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	74



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Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

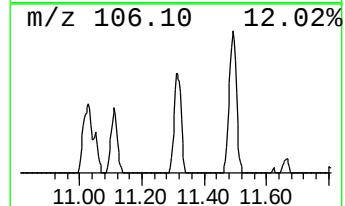
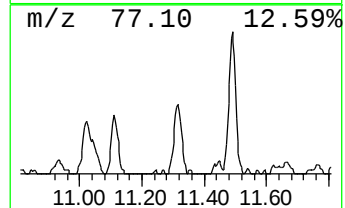
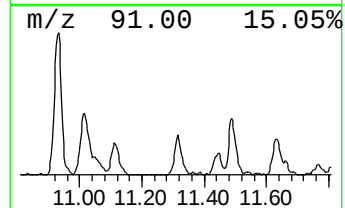
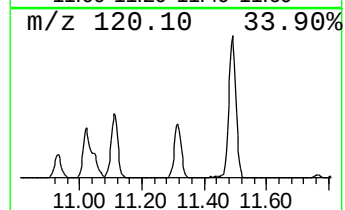
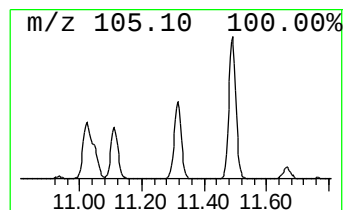
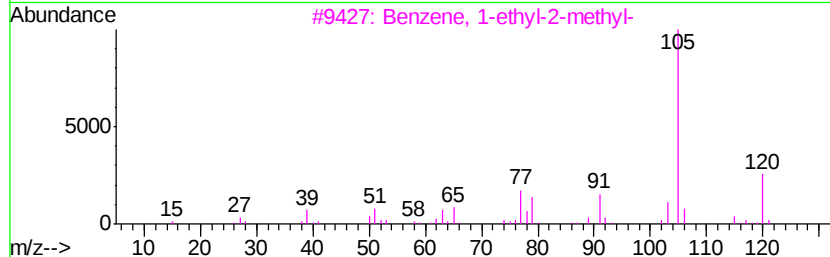
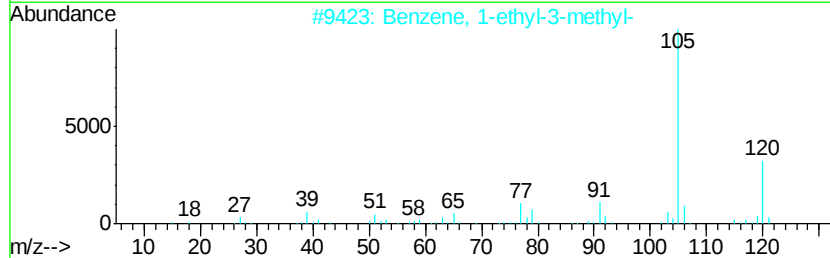
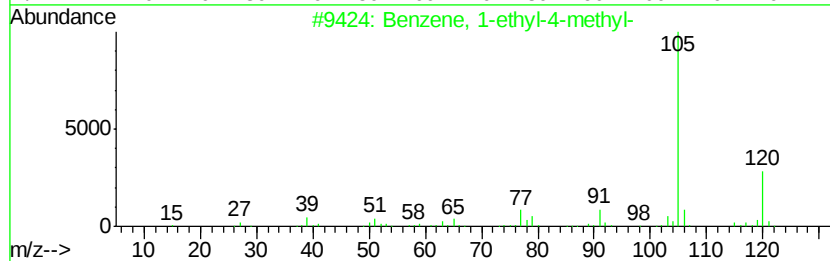
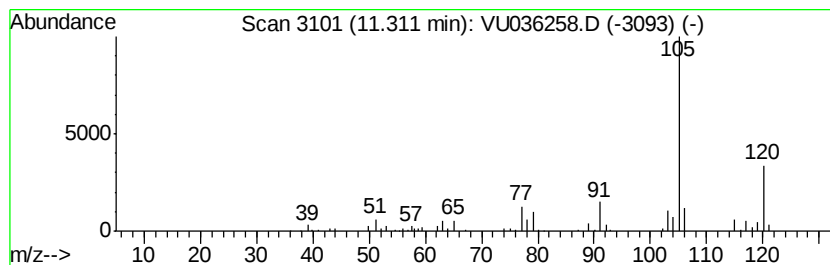
Instrument :
MSVOA_U
ClientSampleId :
BFQT2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-ethyl-4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.31	0.51 ug/L	97809	1,4-Dichlorobenzene-d4	11.83	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90



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Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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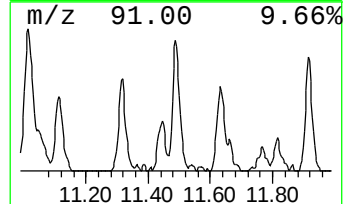
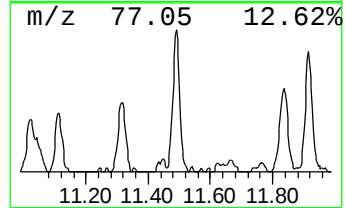
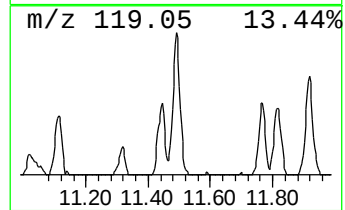
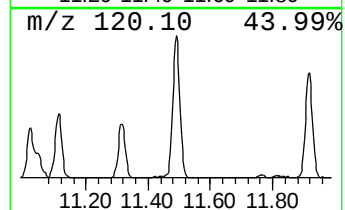
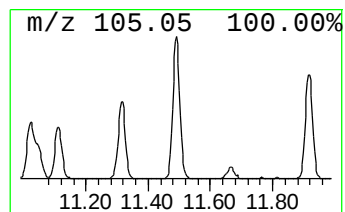
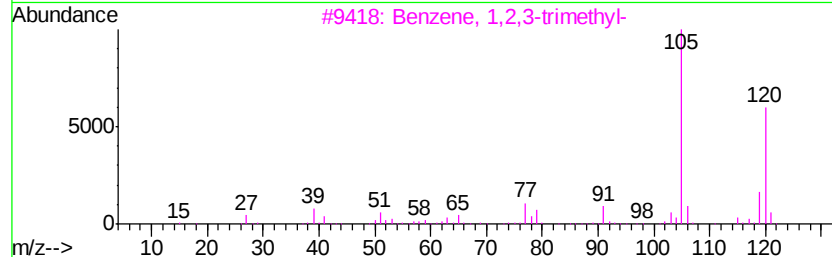
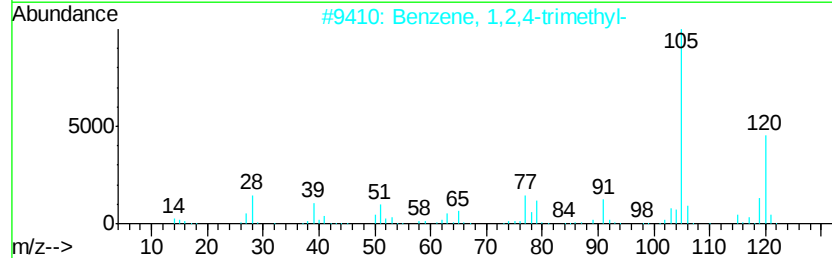
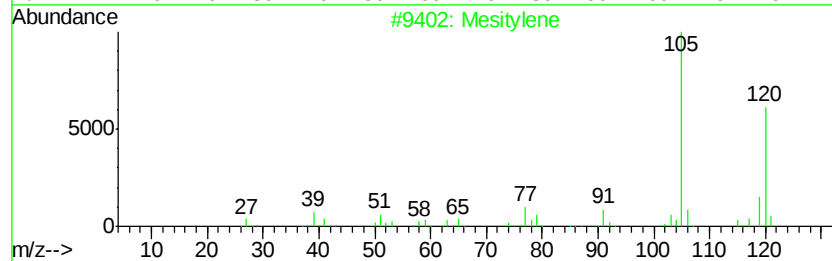
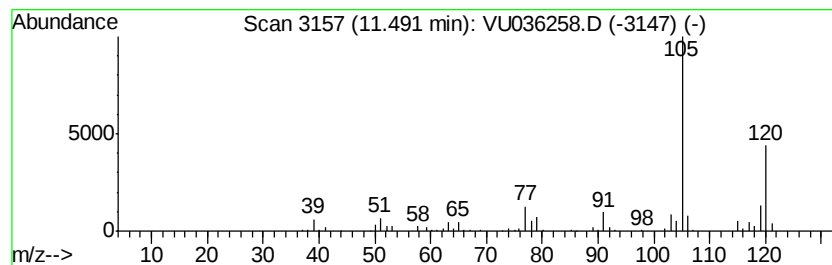
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Mesitylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	0.96 ug/L	183895	1,4-Dichlorobenzene-d4	11.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene		120	C9H12	000108-67-8	95
2	Benzene, 1,2,4-trimethyl-		120	C9H12	000095-63-6	95
3	Benzene, 1,2,3-trimethyl-		120	C9H12	000526-73-8	94
4	Benzene, 1,2,3-trimethyl-		120	C9H12	000526-73-8	94
5	Benzene, 1,2,4-trimethyl-		120	C9H12	000095-63-6	91



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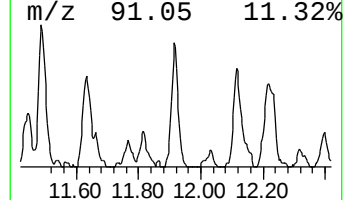
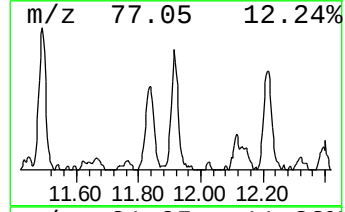
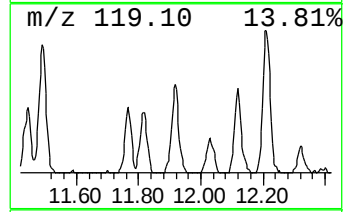
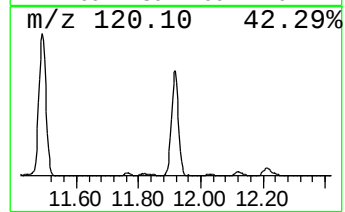
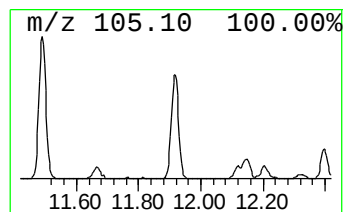
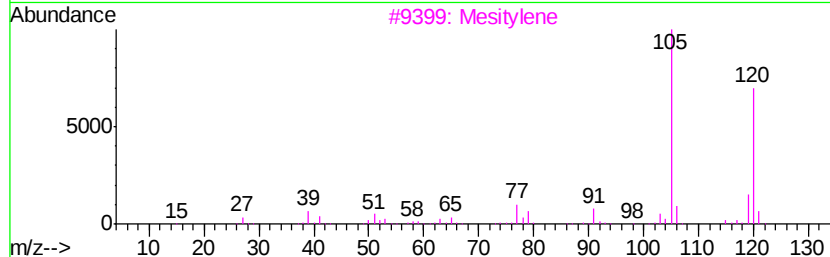
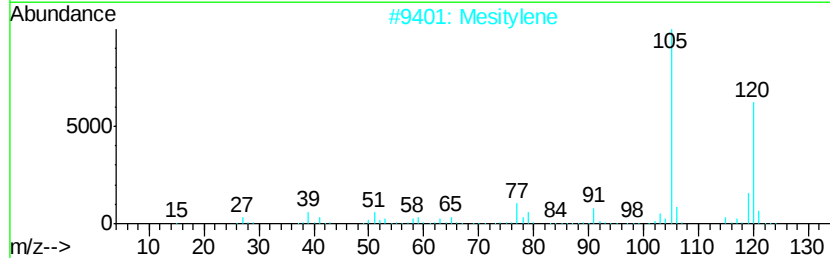
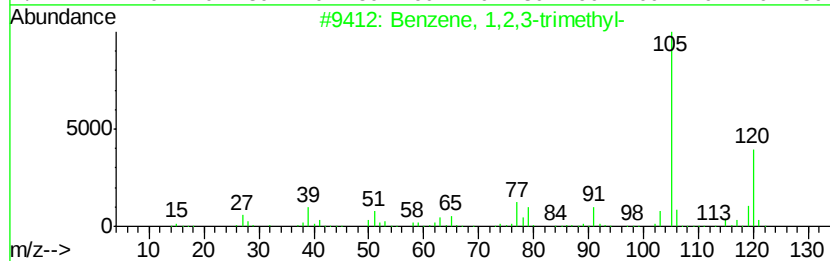
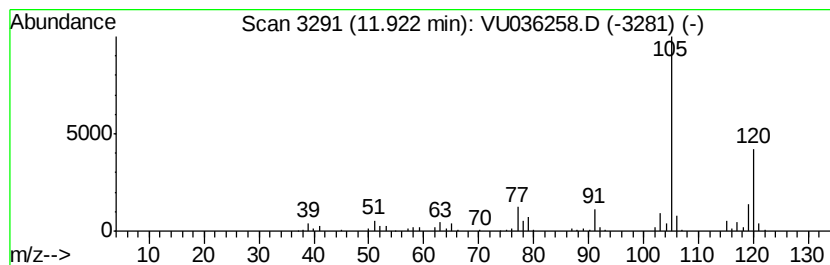
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	0.75 ug/L	144744	1,4-Dichlorobenzene-d4	11.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Mesitylene	120	C9H12	000108-67-8	91
3		Mesitylene	120	C9H12	000108-67-8	91
4		Mesitylene	120	C9H12	000108-67-8	91
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



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ClientSampleId :
BFQT2

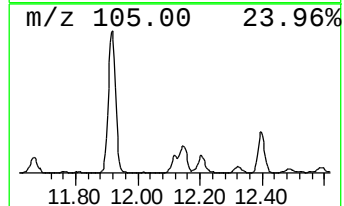
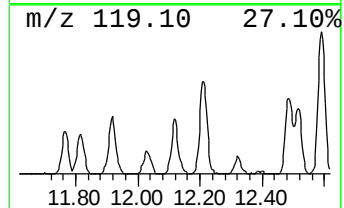
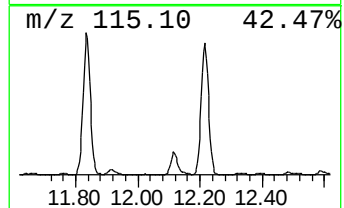
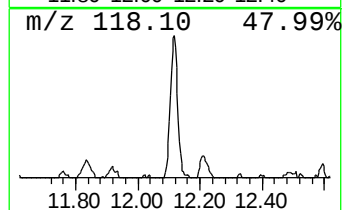
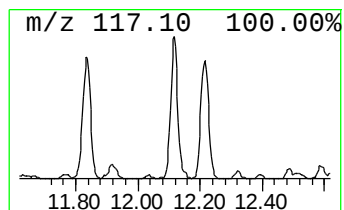
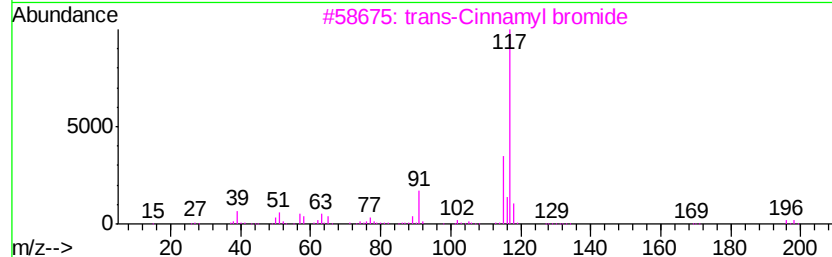
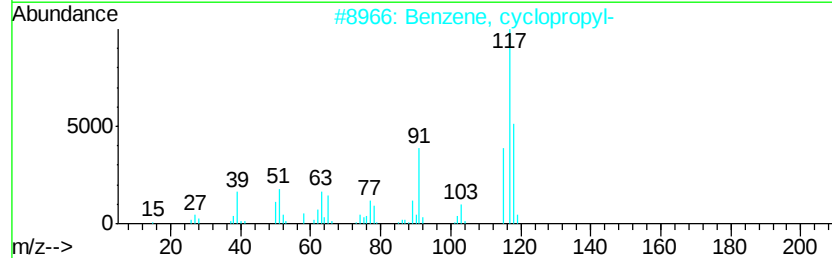
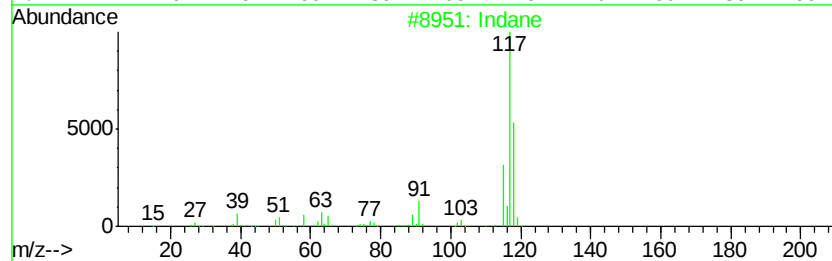
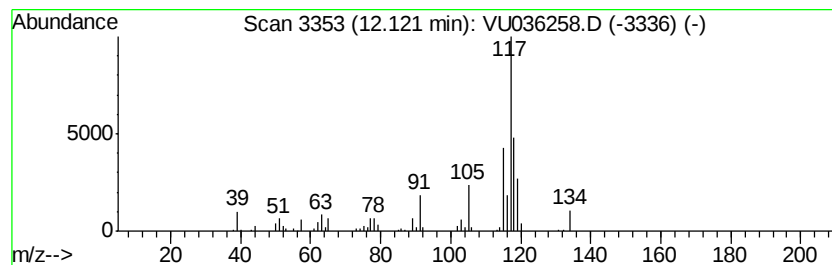
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	0.66 ug/L	127553	1,4-Dichlorobenzene-d4	11.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	55
2	Benzene, cyclopropyl-		118	C9H10	000873-49-4	55
3	trans-Cinnamyl bromide		196	C9H9Br	026146-77-0	49
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-	...	118	C9H10	1000191-13-7	46
5	Deltacyclene		118	C9H10	007785-10-6	46



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121719\
Data File : VU036258.D
Acq On : 17 Dec 2019 14:55
Operator : JC/MD
Sample : K6281-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFQT2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-ethyl-...	11.02	0.6	ug/L	121807	3	11.83	959253	5.0
Benzene, 1-ethyl-...	11.31	0.5	ug/L	97809	3	11.83	959253	5.0
Mesitylene	11.49	1.0	ug/L	183895	3	11.83	959253	5.0
Benzene, 1,2,3-tr...	11.92	0.8	ug/L	144744	3	11.83	959253	5.0
Indane	12.12	0.7	ug/L	127553	3	11.83	959253	5.0