LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061623\
Data File : VV031573.D
Acq On : 16 Jun 2023 14:00
Operator : SY/MD
Sample : 03249-03DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYS5DL

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_V\Method\SFAMVLM061423WMA.M
Title : VOC Analysis

Signal : TIC: VV031573.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.178	38	43	52	rBV	4464	6012	0.74%	0.064%
2	1.285	68	76	93	rVB2	145017	161580	19.87%	1.725%
3	1.551	147	159	175	rVB2	133326	238262	29.31%	2.543%
4	2.066	308	319	334	rBV	160063	234846	28.88%	2.507%
5	2.362	409	411	416	rVB	333	269	0.03%	0.003%
6	2.458	433	441	451	rVV2	3750	5450	0.67%	0.058%
7	2.548	466	469	471	rBV2	565	387	0.05%	0.004%
8	2.706	511	518	527	rVB4	2529	4026	0.50%	0.043%
9	3.121	631	647	669	rBV2	180208	379331	46.66%	4.049%
10	3.606	793	798	803	rVB2	308	325	0.04%	0.003%
11	3.821	847	865	896	rBV3	151044	479463	58.97%	5.118%
12	3.979	909	914	920	rVB5	1008	1141	0.14%	0.012%
13	4.259	983	1001	1030	rBV	137474	359258	44.19%	3.835%
14	4.455	1058	1062	1068	rBV3	401	407	0.05%	0.004%
15	4.522	1071	1083	1093	rBV6	4458	10438	1.28%	0.111%
16	4.966	1203	1221	1247	rBV2	303945	813039	100.00%	8.679%
17	5.246	1305	1308	1311	rVV	426	371	0.05%	0.004%
18	5.313	1324	1329	1331	rVV2	361	277	0.03%	0.003%
19	5.542	1388	1400	1427	rBV	279550	570285	70.14%	6.088%
20	5.712	1450	1453	1459	rVB3	809	646	0.08%	0.007%
21	5.786	1472	1476	1477	rBV2	344	254	0.03%	0.003%
22	5.844	1484	1494	1509	rBV7	12512	25371	3.12%	0.271%
23	5.995	1527	1541	1574	rBV	192342	399148	49.09%	4.261%
24	6.165	1591	1594	1599	rVB4	358	257	0.03%	0.003%
25	6.236	1613	1616	1621	rBV3	311	277	0.03%	0.003%
26	6.882	1810	1817	1818	rBV2	415	351	0.04%	0.004%
27	6.921	1818	1829	1847	rBV	90923	171613	21.11%	1.832%
28	7.130	1891	1894	1897	rVB2	444	311	0.04%	0.003%
29	7.252	1920	1932	1947	rBV	324978	567975	69.86%	6.063%
30	7.326	1947	1955	1975	rVB	36354	69400	8.54%	0.741%
31	7.474	1999	2001	2010	rVB4	637	834	0.10%	0.009%
32	7.519	2010	2015	2017	rBV	391	334	0.04%	0.004%
33	7.558	2018	2027	2055	rVV	72872	128980	15.86%	1.377%
34	7.889	2119	2130	2133	rBV4	966	1453	0.18%	0.016%
35	7.915	2133	2138	2151	rVB3	2238	3540	0.44%	0.038%
36	8.030	2164	2174	2197	rBV	216582	388843	47.83%	4.151%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061623\
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Sample : 03249-03DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYS5DL

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_V\Method\SFAMVLM061423WMA.M
Title : VOC Analysis

37	8.458	2301	2307	2313	rVB4	322	501	0.06%	0.005%
38	8.789	2399	2410	2434	rBV	424000	704890	86.70%	7.525%
39	8.956	2451	2462	2476	rBV	60645	97757	12.02%	1.044%
40	9.078	2489	2500	2522	rBV	115864	194016	23.86%	2.071%
41	9.484	2615	2626	2647	rBV	76421	123446	15.18%	1.318%
42	9.873	2737	2747	2758	rVV2	10619	16631	2.05%	0.178%
43	9.921	2759	2762	2767	rVV2	439	294	0.04%	0.003%
44	9.950	2769	2771	2775	rVB	373	237	0.03%	0.003%
45	10.030	2793	2796	2801	rBV2	326	241	0.03%	0.003%
46	10.159	2823	2836	2856	rBV2	306299	479246	58.95%	5.116%
47	10.297	2867	2879	2898	rBV	24860	39484	4.86%	0.421%
48	10.390	2898	2908	2928	rVV	85440	185437	22.81%	1.979%
49	10.484	2928	2937	2952	rVV	39828	60955	7.50%	0.651%
50	10.622	2976	2980	2981	rBV2	302	246	0.03%	0.003%
51	10.635	2981	2984	2985	rVV2	598	398	0.05%	0.004%
52	10.648	2985	2988	2989	rVV2	926	568	0.07%	0.006%
53	10.680	2989	2998	3011	rVB	64884	98919	12.17%	1.056%
54	10.860	3043	3054	3072	rBV	284245	431813	53.11%	4.609%
55	10.963	3083	3086	3089	rVB3	369	286	0.04%	0.003%
56	10.985	3089	3093	3094	rBV	852	544	0.07%	0.006%
57	10.995	3094	3096	3099	rVV3	476	339	0.04%	0.004%
58	11.033	3104	3108	3117	rVV4	2691	3533	0.43%	0.038%
59	11.143	3131	3142	3147	rBV3	5667	8733	1.07%	0.093%
60	11.191	3147	3157	3175	rVV	527075	802899	98.75%	8.571%
61	11.281	3175	3185	3200	rVB	97945	153115	18.83%	1.634%
62	11.361	3208	3210	3216	rVB3	605	428	0.05%	0.005%
63	11.400	3216	3222	3230	rBV5	770	1137	0.14%	0.012%
64	11.471	3231	3244	3254	rBV2	39939	66997	8.24%	0.715%
65	11.567	3264	3274	3295	rVB	450586	727101	89.43%	7.762%
66	11.686	3305	3311	3314	rBV6	1313	1387	0.17%	0.015%
67	11.766	3327	3336	3344	rBV4	3603	5946	0.73%	0.063%
68	11.866	3356	3367	3381	rVV4	17538	40286	4.95%	0.430%
69	11.934	3384	3388	3389	rVV2	905	701	0.09%	0.007%
70	11.959	3389	3396	3412	rVB3	10263	16790	2.07%	0.179%
71	12.062	3419	3428	3433	rBV4	3778	5757	0.71%	0.061%
72	12.194	3465	3469	3470	rBV2	513	297	0.04%	0.003%
73	12.262	3483	3490	3496	rVV3	2511	3281	0.40%	0.035%
74	12.361	3511	3521	3528	rBV4	3583	5388	0.66%	0.058%
75	12.413	3529	3537	3548	rVB3	6771	9683	1.19%	0.103%
76	12.647	3605	3610	3611	rBV2	435	360	0.04%	0.004%

LSC Area Percent Report

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Sample : 03249-03DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYS5DL

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

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
Title : VOC Analysis

77	12.673	3612	3618	3625	rVV2	1774	2119	0.26%	0.023%
78	12.741	3637	3639	3646	rVV3	431	338	0.04%	0.004%
79	12.776	3646	3650	3653	rVV2	298	261	0.03%	0.003%
80	12.824	3658	3665	3675	rVV4	9826	14147	1.74%	0.151%
81	12.992	3711	3717	3723	rVB4	1692	2087	0.26%	0.022%
82	13.191	3773	3779	3781	rBV	256	248	0.03%	0.003%
83	13.210	3783	3785	3789	rVB2	415	286	0.04%	0.003%
84	13.271	3796	3804	3811	rBV3	466	665	0.08%	0.007%
85	13.323	3817	3820	3824	rBV3	446	320	0.04%	0.003%
86	13.448	3850	3859	3873	rBV	15332	24617	3.03%	0.263%
87	13.731	3941	3947	3948	rBV	421	372	0.05%	0.004%
88	13.805	3965	3970	3974	rBV2	402	385	0.05%	0.004%
89	13.946	4012	4014	4018	rVB2	526	289	0.04%	0.003%
90	13.988	4018	4027	4033	rBV4	1379	2032	0.25%	0.022%
91	14.204	4091	4094	4098	rVB2	550	321	0.04%	0.003%
92	14.249	4102	4108	4112	rBV3	708	786	0.10%	0.008%
93	14.519	4189	4192	4199	rBV4	533	599	0.07%	0.006%
94	14.689	4242	4245	4250	rBV2	396	350	0.04%	0.004%
95	14.844	4287	4293	4296	rBV	742	910	0.11%	0.010%
96	14.892	4304	4308	4310	rBV2	448	363	0.04%	0.004%
97	15.033	4351	4352	4356	rVB	545	251	0.03%	0.003%
98	15.323	4438	4442	4444	rBV4	601	463	0.06%	0.005%
99	15.451	4479	4482	4483	rBV2	788	412	0.05%	0.004%
100	15.480	4489	4491	4495	rBV3	527	461	0.06%	0.005%

Sum of corrected areas: 9367903

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061623\
Data File : VV031573.D
Acq On : 16 Jun 2023 14:00
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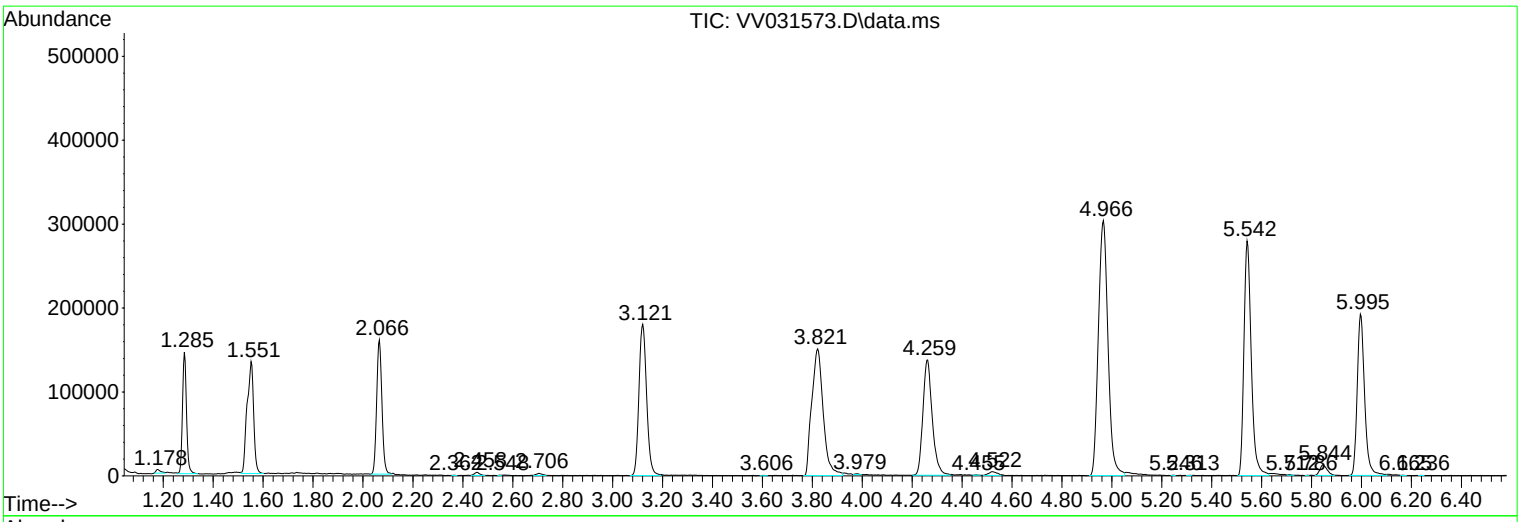
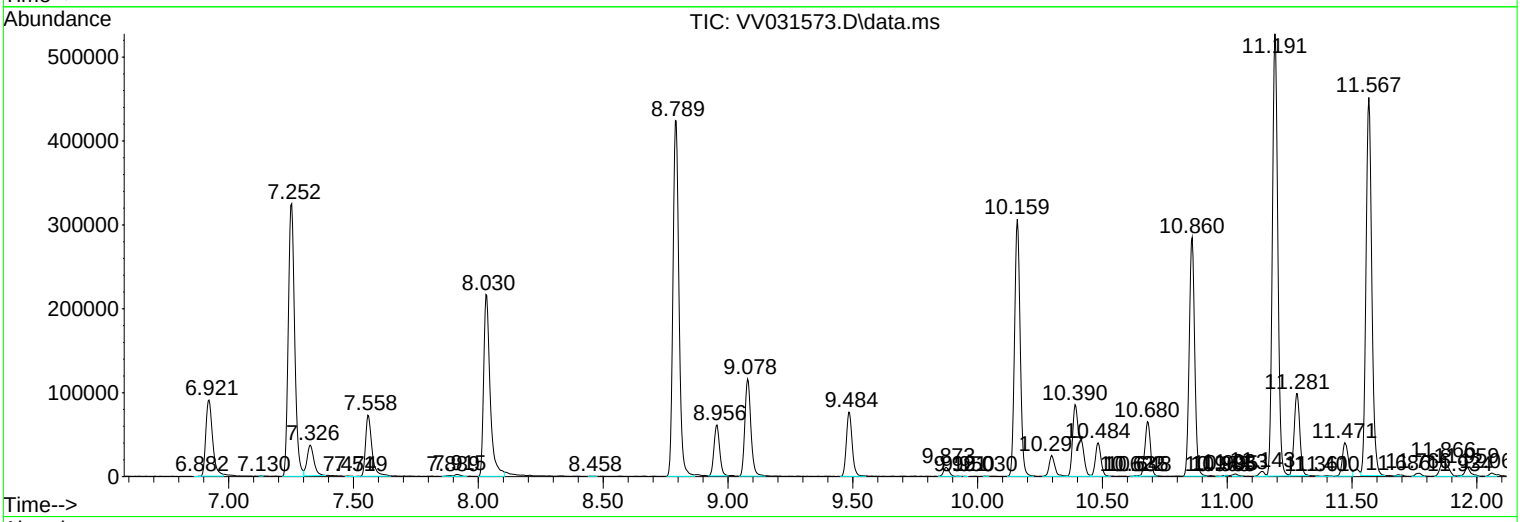
Sample : 03249-03DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

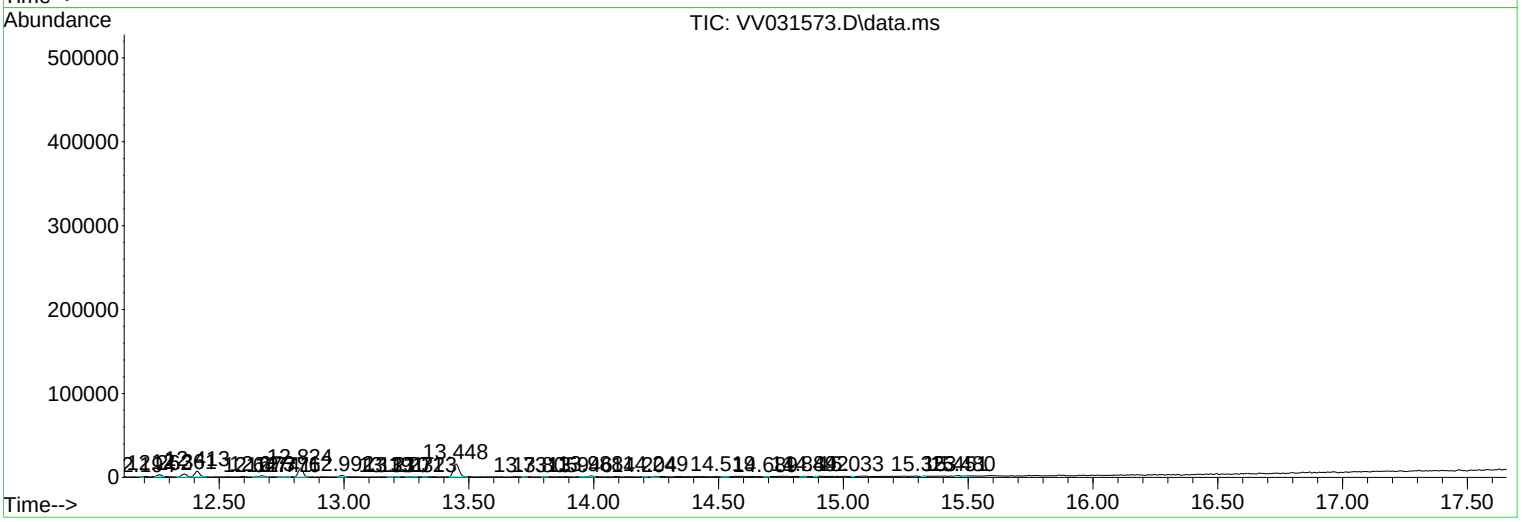
Instrument :
MSVOA_V
ClientSampleId :
EXYS5DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
Quant Title : VOC Analysis

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061623\
Data File : VV031573.D
Acq On : 16 Jun 2023 14:00
Operator : SY/MD
Sample : 03249-03DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYS5DL

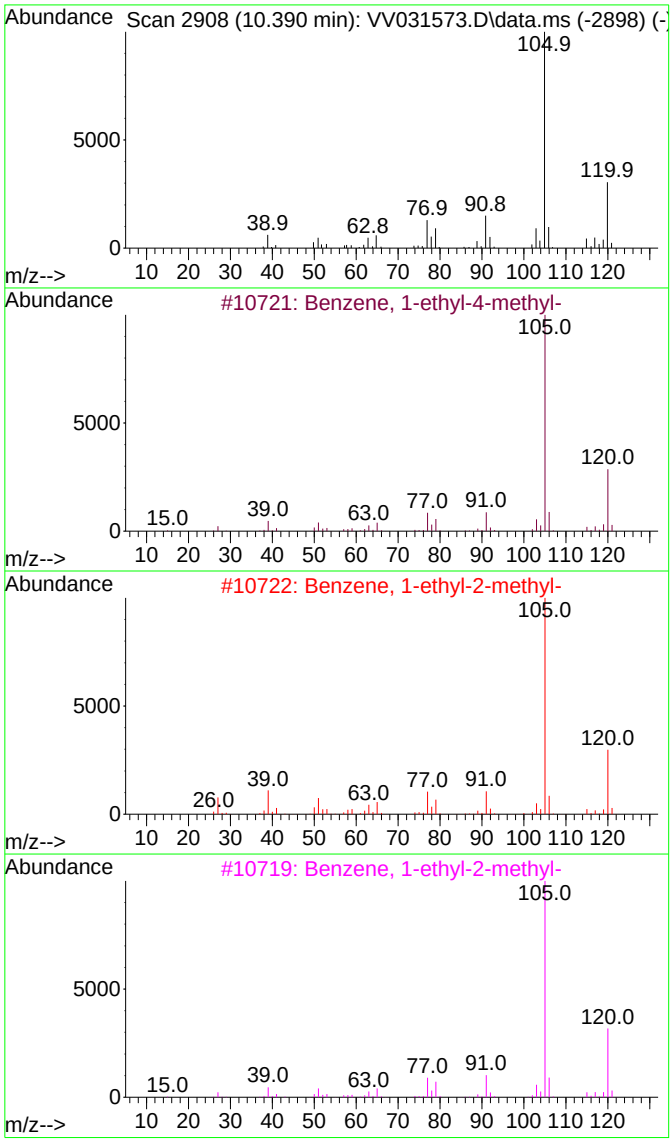
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
Quant Title : VOC Analysis

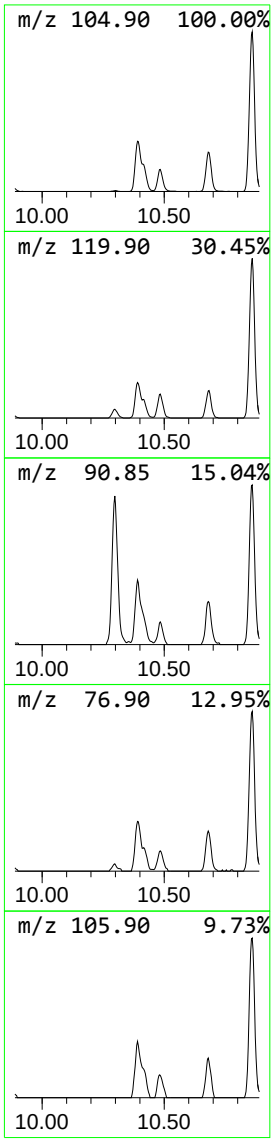
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethyl-4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.390	11.55 ug/L	185437	1,4-Dichlorobenzene-d4	11.191

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-2-methyl-	120	C9H12	000611-14-3	91
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061623\
Data File : VV031573.D
Acq On : 16 Jun 2023 14:00
Operator : SY/MD
Sample : 03249-03DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYS5DL

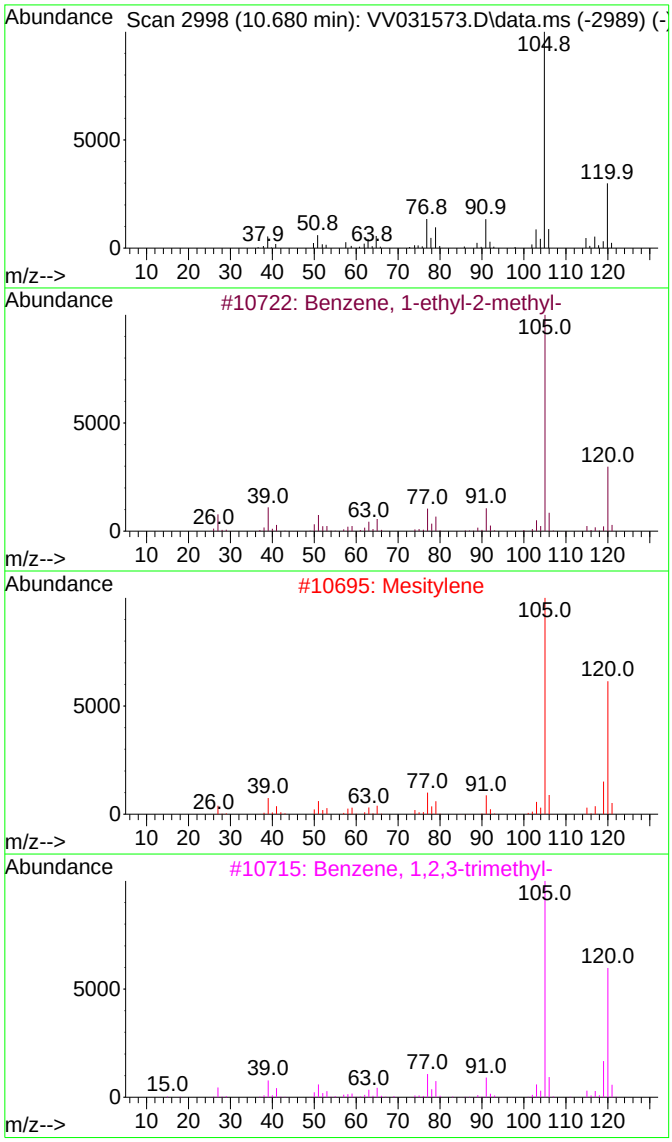
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
Quant Title : VOC Analysis

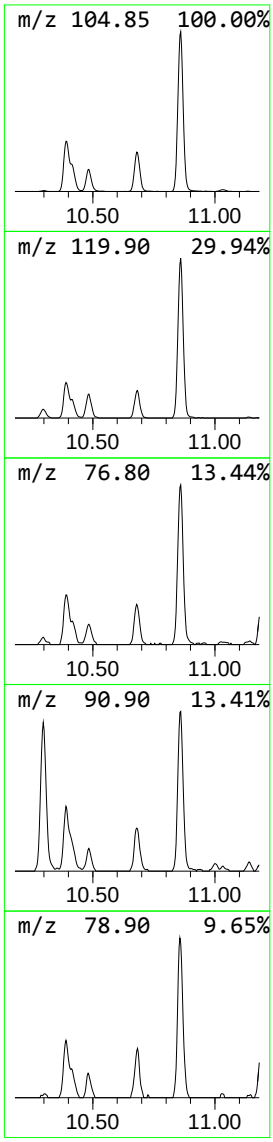
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.680	6.16 ug/L	98919	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061623\
Data File : VV031573.D
Acq On : 16 Jun 2023 14:00
Operator : SY/MD
Sample : 03249-03DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYS5DL

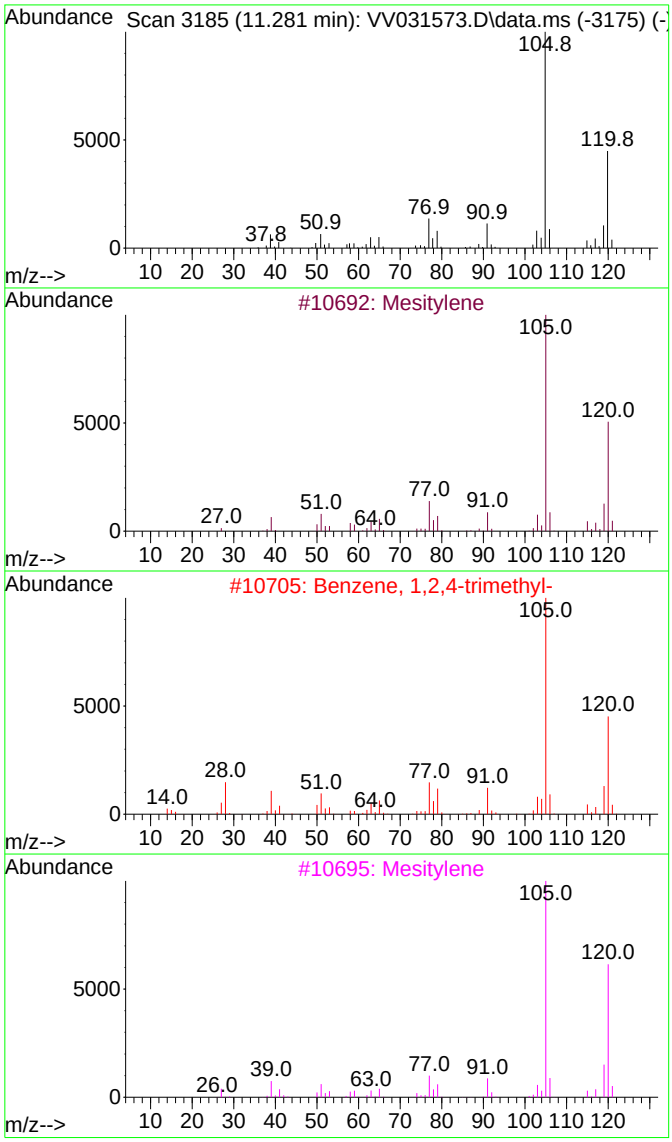
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
Quant Title : VOC Analysis

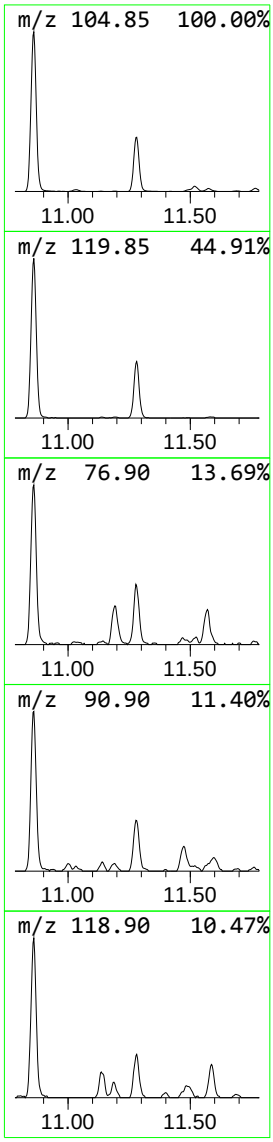
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.281	9.54 ug/L	153115	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	97
3	Mesitylene	120	C9H12	000108-67-8	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061623\
Data File : VV031573.D
Acq On : 16 Jun 2023 14:00
Operator : SY/MD
Sample : 03249-03DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYS5DL

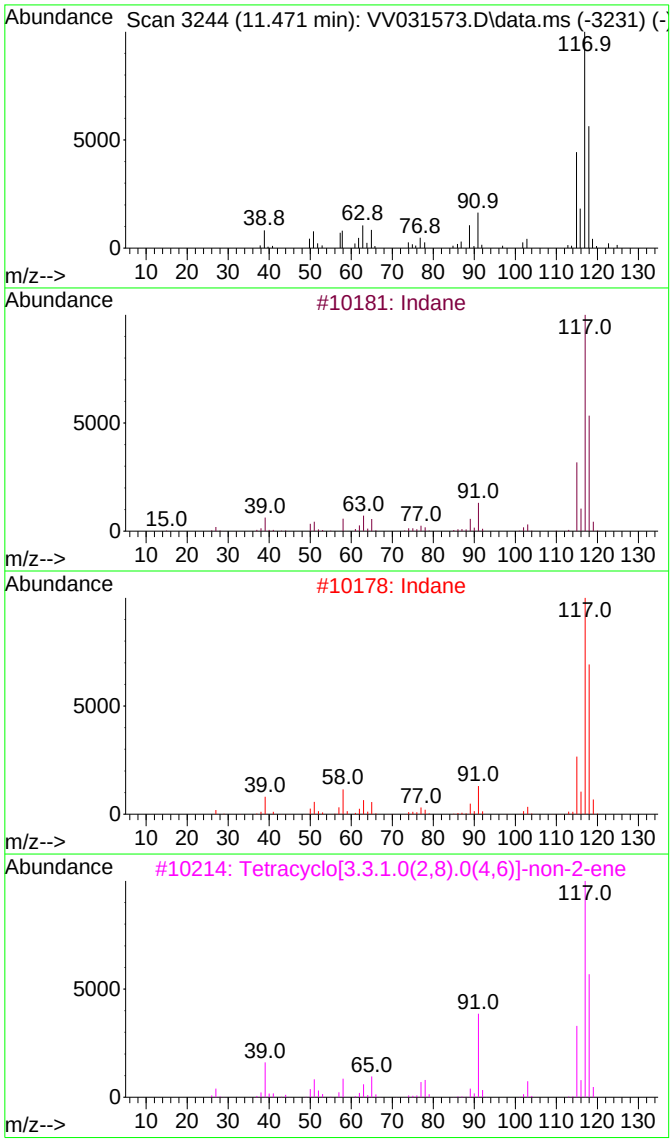
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
Quant Title : VOC Analysis

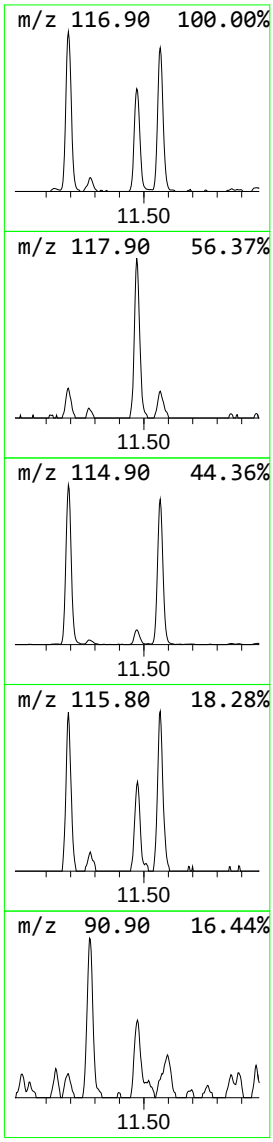
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.471	4.17 ug/L	66997	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	81
2	Indane	118	C9H10	000496-11-7	76
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	58
5	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061623\
Data File : VV031573.D
Acq On : 16 Jun 2023 14:00
Operator : SY/MD
Sample : 03249-03DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYS5DL

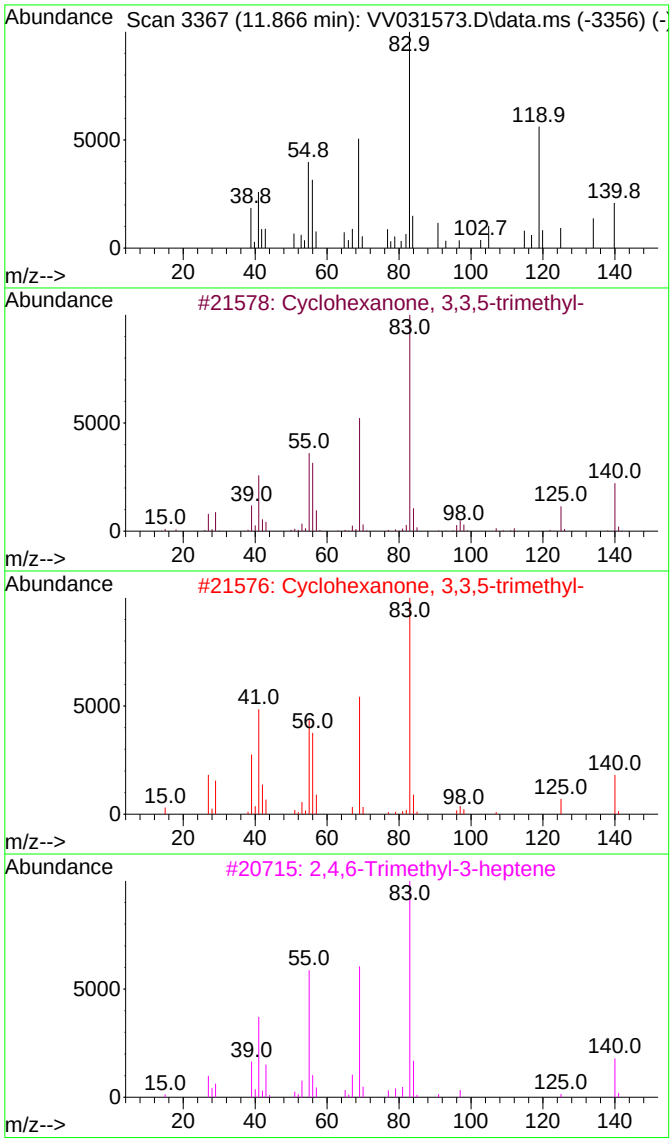
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
Quant Title : VOC Analysis

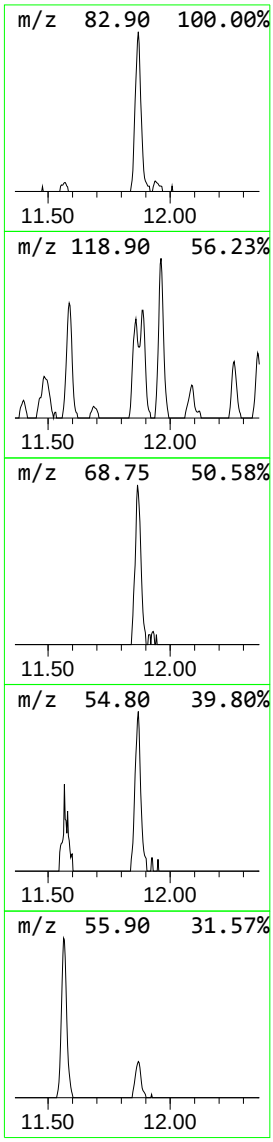
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclohexanone, 3,3,5-trimet... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.866	2.51 ug/L	40286	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	64
2	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	52
3	2,4,6-Trimethyl-3-heptene	140	C10H20	1000113-56-9	46
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	18
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	18





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061623\
Data File : VV031573.D
Acq On : 16 Jun 2023 14:00
Operator : SY/MD
Sample : 03249-03DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYS5DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
Quant Title : VOC Analysis

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-ethy...	10.390	11.6	ug/L	185437	3	11.191	802899	50.0
Benzene, 1-ethy...	10.680	6.2	ug/L	98919	3	11.191	802899	50.0
unknown-01	11.281	9.5	ug/L	153115	3	11.191	802899	50.0
Indane	11.471	4.2	ug/L	66997	3	11.191	802899	50.0
Cyclohexanone, ...	11.866	2.5	ug/L	40286	3	11.191	802899	50.0