LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102423\
Data File : VV032599.D
Acq On : 24 Oct 2023 18:54
Operator : SY/MD
Sample : 04992-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH4

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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\SFAMVTR092923WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV032599.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.085	9	14	18	rBV	7038	7635	1.33%	0.161%
2	1.114	20	23	32	rVB	8619	10586	1.84%	0.224%
3	1.278	62	74	87	rBV	51590	60335	10.51%	1.276%
4	1.532	146	153	164	rBV	49747	59639	10.39%	1.261%
5	2.060	305	317	333	rVB	68506	102415	17.84%	2.165%
6	2.185	346	356	369	rVB2	10359	21620	3.77%	0.457%
7	3.802	849	859	895	rBV2	60978	205279	35.75%	4.340%
8	4.252	983	999	1022	rBV	61291	164252	28.61%	3.472%
9	4.362	1022	1033	1034	rBV5	7894	9094	1.58%	0.192%
10	4.960	1201	1219	1237	rBV3	139683	363017	63.23%	7.674%
11	5.053	1240	1248	1271	rVB6	13636	40742	7.10%	0.861%
12	5.535	1388	1398	1415	rBV	135257	285875	49.79%	6.044%
13	5.609	1416	1421	1444	rVB2	12745	33205	5.78%	0.702%
14	5.992	1526	1540	1554	rBV	88511	190509	33.18%	4.027%
15	6.918	1816	1828	1848	rBV	37203	78129	13.61%	1.652%
16	7.246	1919	1930	1963	rBV	144078	283380	49.36%	5.991%
17	7.561	2018	2028	2042	rBV2	21047	43481	7.57%	0.919%
18	7.908	2122	2136	2154	rBV2	42579	80974	14.10%	1.712%
19	8.027	2160	2173	2213	rBV	277852	574141	100.00%	12.138%
20	8.786	2397	2409	2430	rBV	227534	398730	69.45%	8.429%
21	8.953	2453	2461	2473	rVB3	6220	10542	1.84%	0.223%
22	9.082	2491	2501	2513	rBV2	11959	23831	4.15%	0.504%
23	9.870	2735	2746	2756	rBV6	4355	8953	1.56%	0.189%
24	10.156	2822	2835	2853	rBV	86822	150229	26.17%	3.176%
25	10.297	2869	2879	2890	rBV	11578	21237	3.70%	0.449%
26	10.387	2899	2907	2923	rBV	35927	74092	12.90%	1.566%
27	10.480	2927	2936	2946	rVB2	31105	49503	8.62%	1.047%
28	10.824	3034	3043	3045	rBV6	5751	7851	1.37%	0.166%
29	10.857	3045	3053	3067	rVB2	36529	59461	10.36%	1.257%
30	11.033	3100	3108	3118	rVB6	6218	11022	1.92%	0.233%
31	11.101	3120	3129	3132	rBV8	4592	7218	1.26%	0.153%
32	11.133	3133	3139	3146	rVV2	10407	17126	2.98%	0.362%
33	11.188	3146	3156	3174	rVV	253806	397205	69.18%	8.397%
34	11.275	3174	3183	3198	rVB	89609	143619	25.01%	3.036%
35	11.397	3215	3221	3232	rVB	4540	8394	1.46%	0.177%
36	11.471	3232	3244	3251	rBV4	12544	27709	4.83%	0.586%

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ALS Vial : 17 Sample Multiplier: 1

Instrument :
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Integration Parameters: rteint.p
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Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Title : TRACE VOA SFAM1.0

37	11.516	3252	3258	3263	rVV	22134	34329	5.98%	0.726%
38	11.564	3263	3273	3293	rVB2	197180	367177	63.95%	7.762%
39	11.763	3320	3335	3352	rVB2	13127	28902	5.03%	0.611%
40	11.853	3355	3363	3367	rBV4	7144	10628	1.85%	0.225%
41	11.879	3369	3371	3381	rVB4	8806	9894	1.72%	0.209%
42	11.956	3386	3395	3402	rBV2	17210	25692	4.47%	0.543%
43	12.056	3416	3426	3431	rBV4	9532	16279	2.84%	0.344%
44	12.197	3458	3470	3477	rBV4	4649	7928	1.38%	0.168%
45	12.258	3479	3489	3494	rBV3	6224	11032	1.92%	0.233%
46	12.291	3494	3499	3508	rVV6	7107	11353	1.98%	0.240%
47	12.355	3513	3519	3526	rVV2	8876	12250	2.13%	0.259%
48	12.410	3526	3536	3543	rVB	12714	18325	3.19%	0.387%
49	12.821	3656	3664	3675	rVB4	17748	29244	5.09%	0.618%
50	12.985	3707	3715	3722	rVB9	4342	6157	1.07%	0.130%
51	13.393	3831	3842	3848	rBV9	4964	8477	1.48%	0.179%
52	13.442	3848	3857	3878	rVB2	57749	101509	17.68%	2.146%

Sum of corrected areas: 4730206

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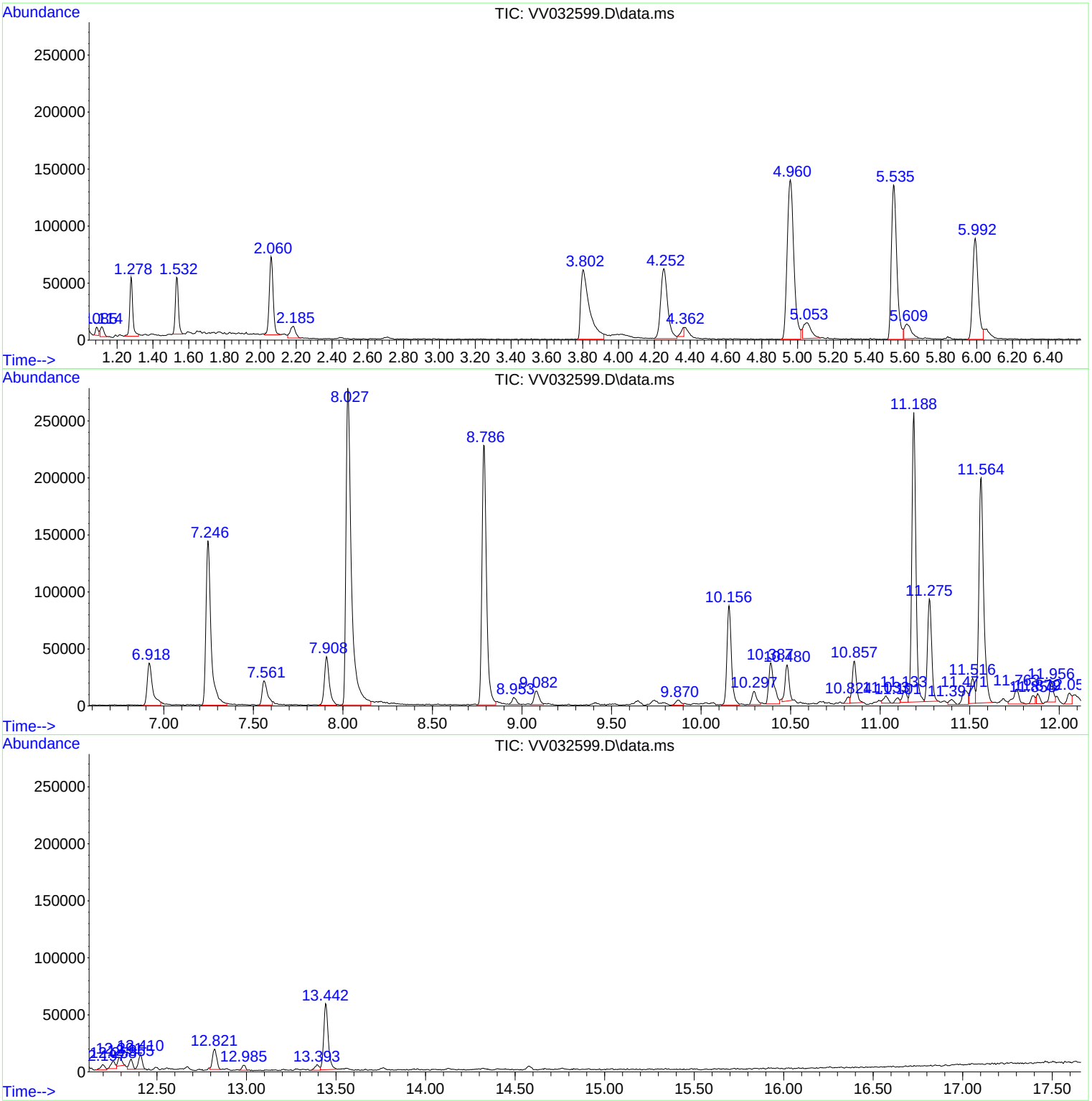
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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MSVOA_V
ClientSampleId :
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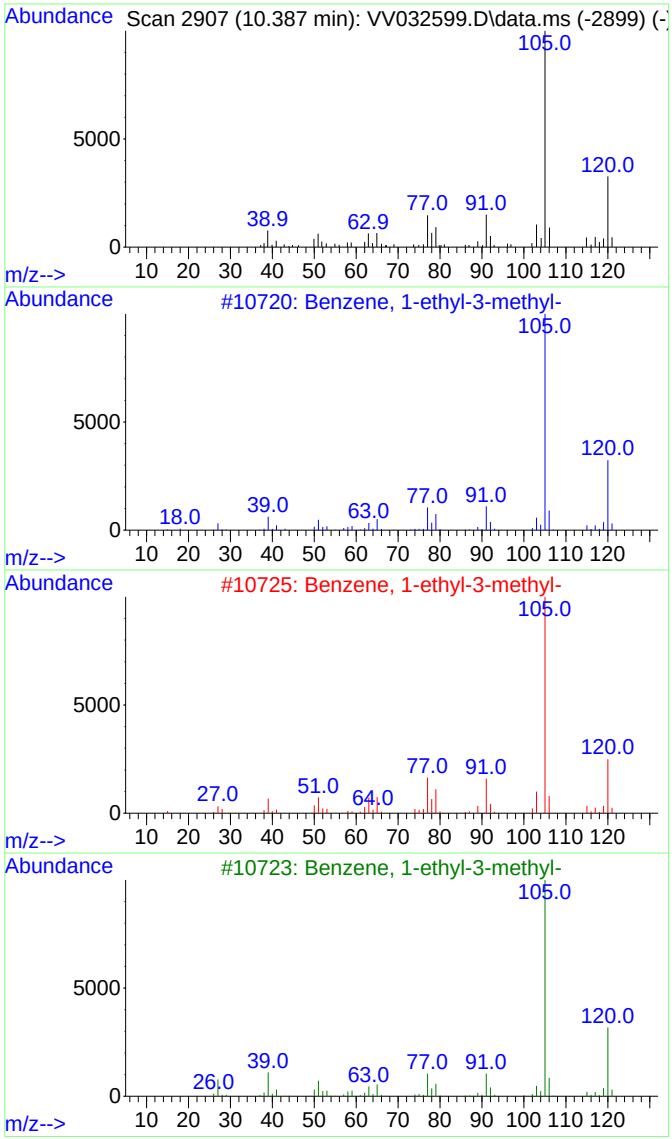
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

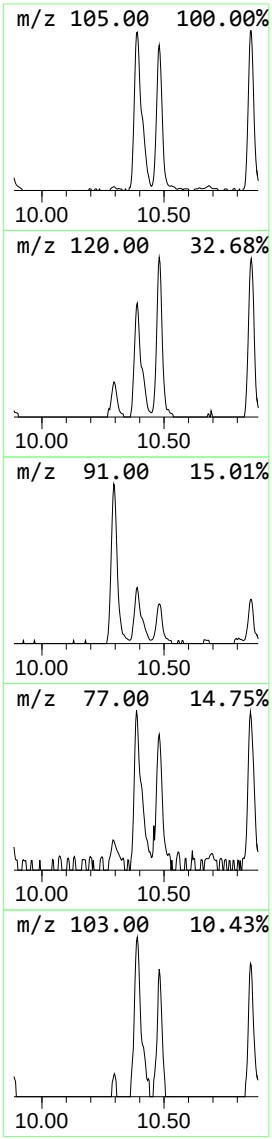
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.387	0.93 ug/L	74092	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94





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ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

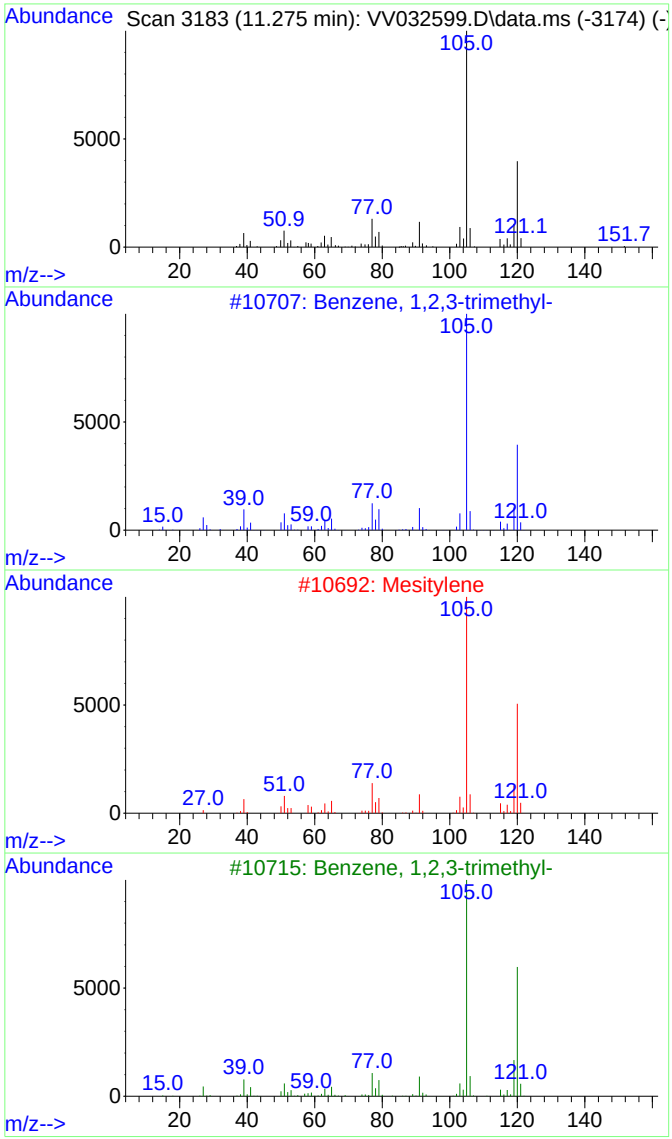
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

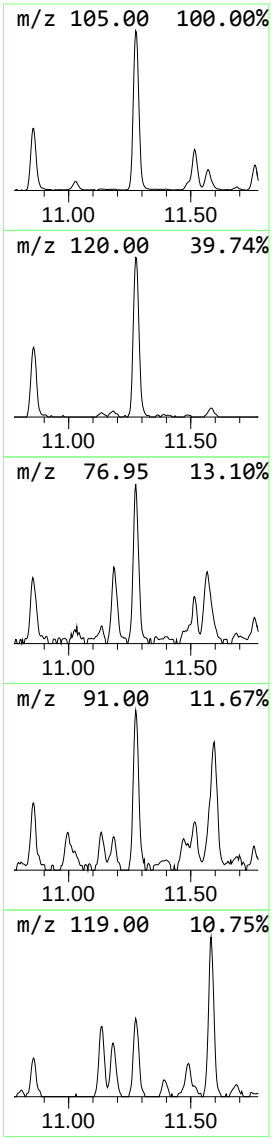
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.275	1.81 ug/L	143619	1,4-Dichlorobenzene-d4	11.188

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	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

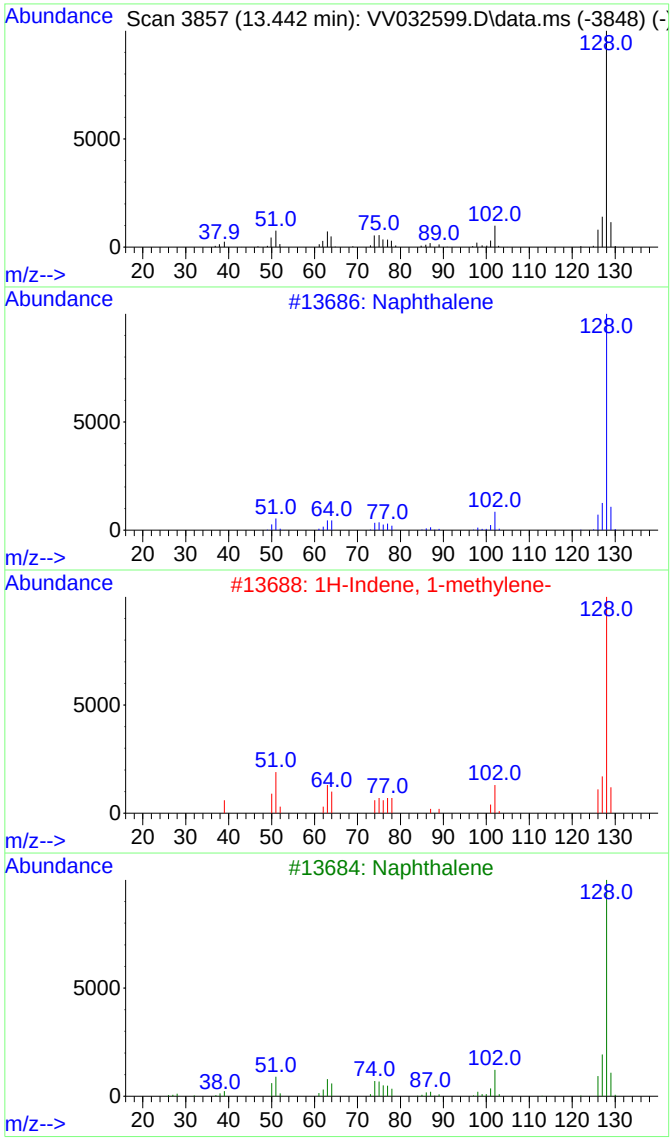
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

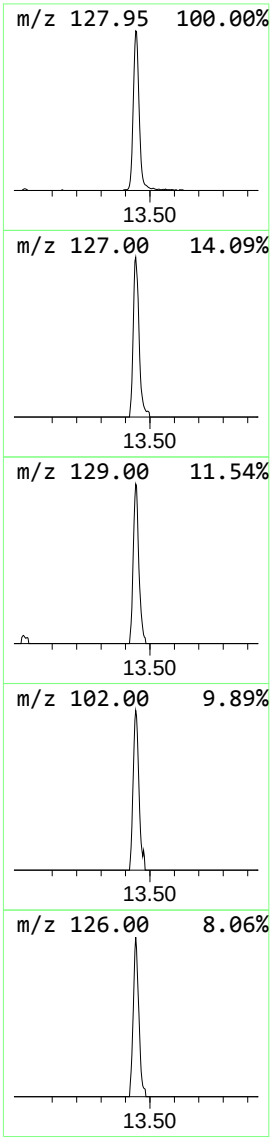
****

Peak Number 6 Azulene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.442	1.28 ug/L	101509	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	95
3	Naphthalene	128	C10H8	000091-20-3	94
4	Azulene	128	C10H8	000275-51-4	91
5	Azulene	128	C10H8	000275-51-4	91





Tentatively Identified Compound (LSC) summary

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Sample : 04992-01
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ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

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...	10.387	0.9	ug/L	74092	3	11.188	397205	5.0
Benzene, 1,2,3-...	11.275	1.8	ug/L	143619	3	11.188	397205	5.0
Azulene	13.442	1.3	ug/L	101509	3	11.188	397205	5.0