LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011723\
Data File : VU052730.D
Acq On : 17 Jan 2023 18:48
Operator : JC/MD
Sample : 01168-04DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BH1Z6DL

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_U\Method\SFAMUTR011023WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU052730.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.359	3	6	19	rVB3	4536	6175	1.03%	0.100%
2	1.491	41	47	66	rVB	19107	21952	3.65%	0.354%
3	1.601	72	81	96	rVB	67264	80702	13.42%	1.302%
4	1.912	170	178	193	rBV	53408	73583	12.24%	1.187%
5	2.565	369	381	398	rBV2	128457	222621	37.02%	3.592%
6	2.793	439	452	463	rBV	4418	8045	1.34%	0.130%
7	3.044	518	530	549	rVB3	15986	29639	4.93%	0.478%
8	3.186	561	574	587	rVB2	2974	6309	1.05%	0.102%
9	3.867	771	786	802	rBV	27546	66146	11.00%	1.067%
10	4.658	1010	1032	1063	rBV3	206754	601284	100.00%	9.700%
11	5.060	1137	1157	1181	rBV	106191	238977	39.74%	3.855%
12	5.314	1220	1236	1253	rBV3	41887	94502	15.72%	1.525%
13	5.723	1342	1363	1380	rBV3	210639	542062	90.15%	8.745%
14	6.243	1512	1525	1545	rBV	155986	298196	49.59%	4.811%
15	6.539	1604	1617	1634	rBV	50038	92373	15.36%	1.490%
16	6.687	1647	1663	1685	rBV	133957	258237	42.95%	4.166%
17	7.562	1923	1935	1958	rBV	61190	106392	17.69%	1.716%
18	7.893	2026	2038	2051	rBV	242258	416596	69.28%	6.721%
19	7.967	2051	2061	2076	rVB	53944	92037	15.31%	1.485%
20	8.176	2114	2126	2142	rBV	37250	64822	10.78%	1.046%
21	8.632	2256	2268	2296	rBV2	277256	536195	89.17%	8.650%
22	9.414	2498	2511	2530	rBV	224444	366641	60.98%	5.915%
23	9.690	2587	2597	2610	rVB2	7654	11501	1.91%	0.186%
24	10.102	2709	2725	2735	rVB3	6817	10802	1.80%	0.174%
25	10.751	2914	2927	2946	rBV	98180	156677	26.06%	2.528%
26	11.465	3140	3149	3160	rBV2	6688	9391	1.56%	0.152%
27	11.806	3243	3255	3268	rBV	210900	335017	55.72%	5.405%
28	12.089	3326	3343	3357	rBV	45168	72260	12.02%	1.166%
29	12.189	3361	3374	3391	rBV	226760	365215	60.74%	5.892%
30	12.308	3399	3411	3428	rBV	39989	64256	10.69%	1.037%
31	12.677	3518	3526	3537	rBV2	7481	10370	1.72%	0.167%
32	13.025	3625	3634	3645	rBV5	7906	13675	2.27%	0.221%
33	13.291	3707	3717	3725	rBV4	6967	9663	1.61%	0.156%
34	13.452	3757	3767	3779	rVB5	10876	17192	2.86%	0.277%
35	13.619	3812	3819	3830	rBV6	7293	10318	1.72%	0.166%
36	14.082	3948	3963	3982	rBV	290211	474198	78.86%	7.650%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011723\
Data File : VU052730.D
Acq On : 17 Jan 2023 18:48
Operator : JC/MD
Sample : 01168-04DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BH1Z6DL

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_U\Method\SFAMUTR011023WMA.M
Title : TRACE VOA SFAM1.0

37	14.205	3992	4001	4011	rBV2	12789	19543	3.25%	0.315%
38	14.574	4107	4116	4127	rVB	7186	11873	1.97%	0.192%
39	15.217	4305	4316	4330	rBV	73769	111444	18.53%	1.798%
40	15.404	4362	4374	4390	rBV2	78007	127514	21.21%	2.057%
41	15.950	4532	4544	4556	rBV2	18490	30520	5.08%	0.492%
42	16.143	4594	4604	4610	rBV2	8025	11999	2.00%	0.194%
43	16.259	4630	4640	4647	rBV3	13264	21057	3.50%	0.340%
44	16.404	4676	4685	4693	rBV4	15151	24328	4.05%	0.392%
45	16.446	4693	4698	4706	rVB6	5441	7832	1.30%	0.126%
46	17.092	4889	4899	4915	rBV	29153	48372	8.04%	0.780%

Sum of corrected areas: 6198503

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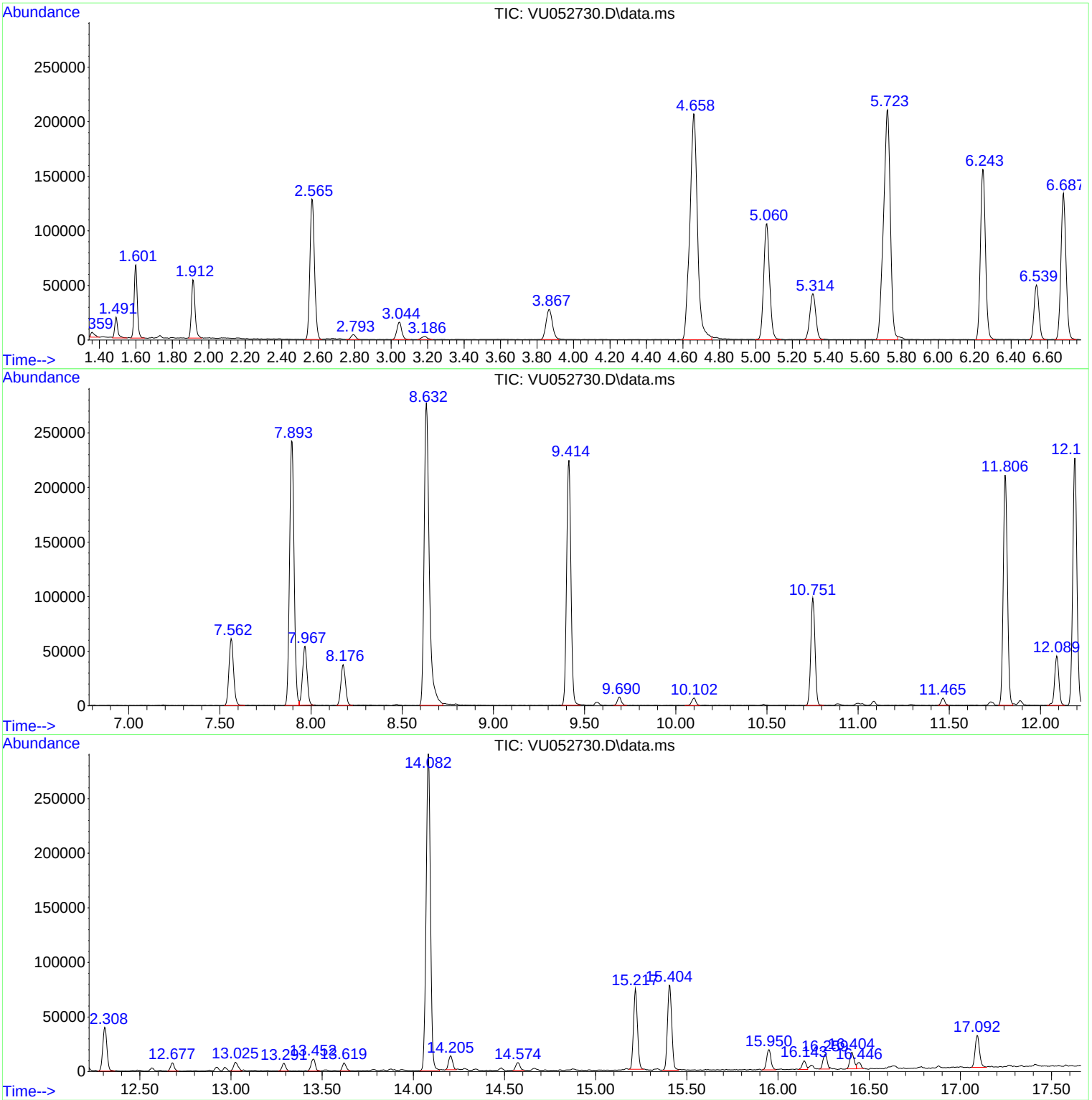
Sample : 01168-04DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BH1Z6DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
Quant Title : TRACE VOA SFAM1.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011723\
Data File : VU052730.D
Acq On : 17 Jan 2023 18:48
Operator : JC/MD
Sample : 01168-04DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BH1Z6DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
Quant Title : TRACE VOA SFAM1.0

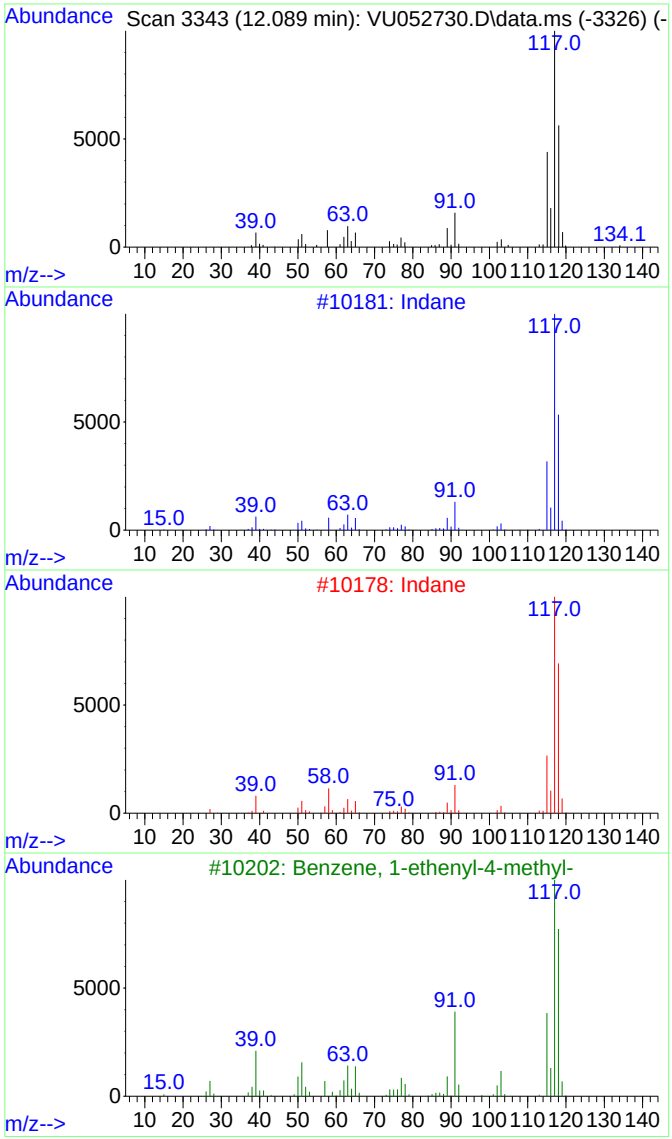
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

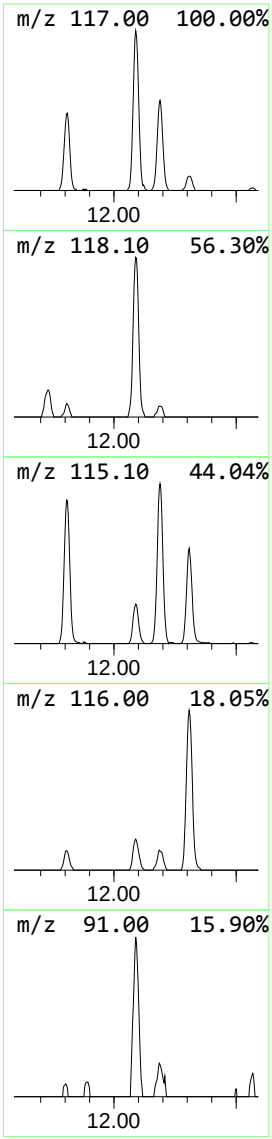
****

Peak Number 2 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.089	1.08 ug/L	72260	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	81
2	Indane	118	C9H10	000496-11-7	70
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	68
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	62
5	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011723\
Data File : VU052730.D
Acq On : 17 Jan 2023 18:48
Operator : JC/MD
Sample : 01168-04DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BH1Z6DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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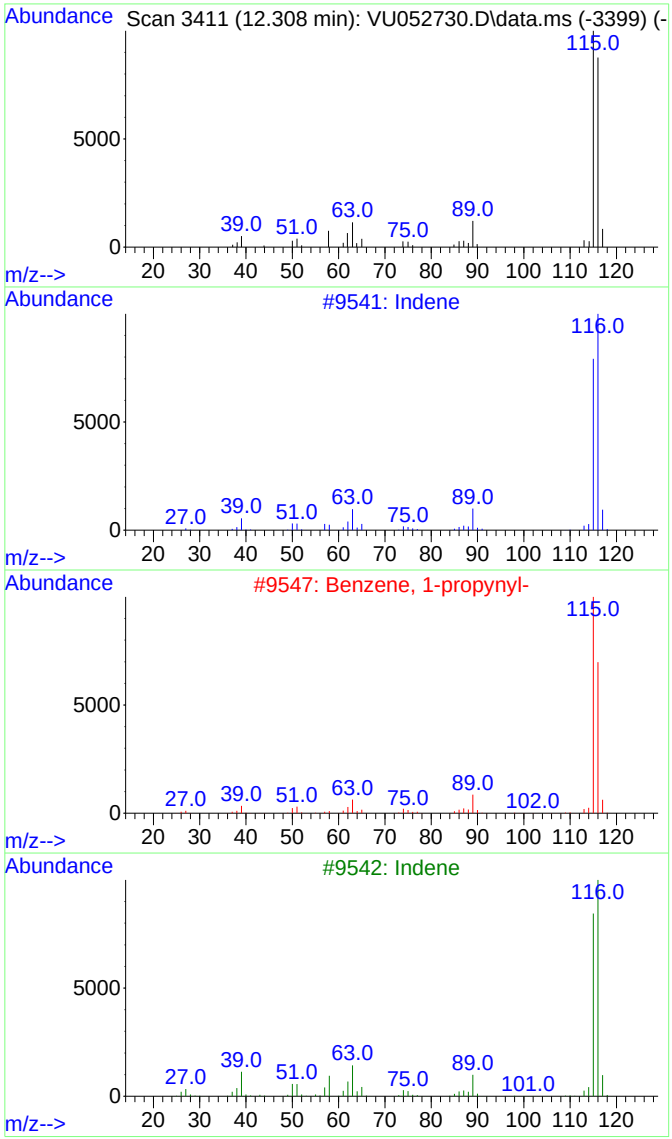
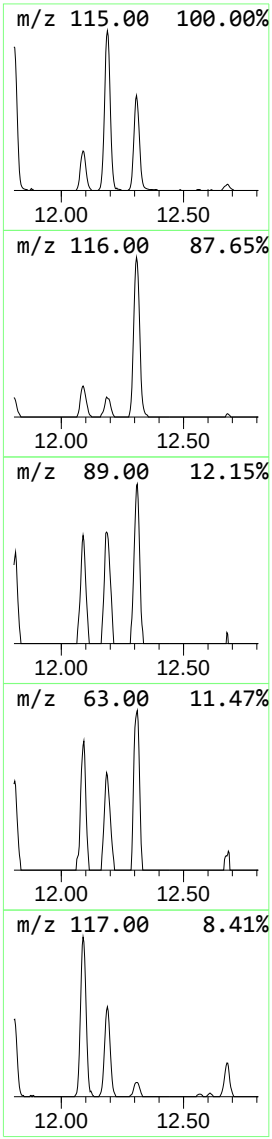
Peak Number 3 Indene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.307	0.96 ug/L	64256	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	Indene	116	C9H8	000095-13-6	94
4	2-Methylphenylacetylene	116	C9H8	000766-47-2	91
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011723\
Data File : VU052730.D
Acq On : 17 Jan 2023 18:48
Operator : JC/MD
Sample : 01168-04DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BH1Z6DL

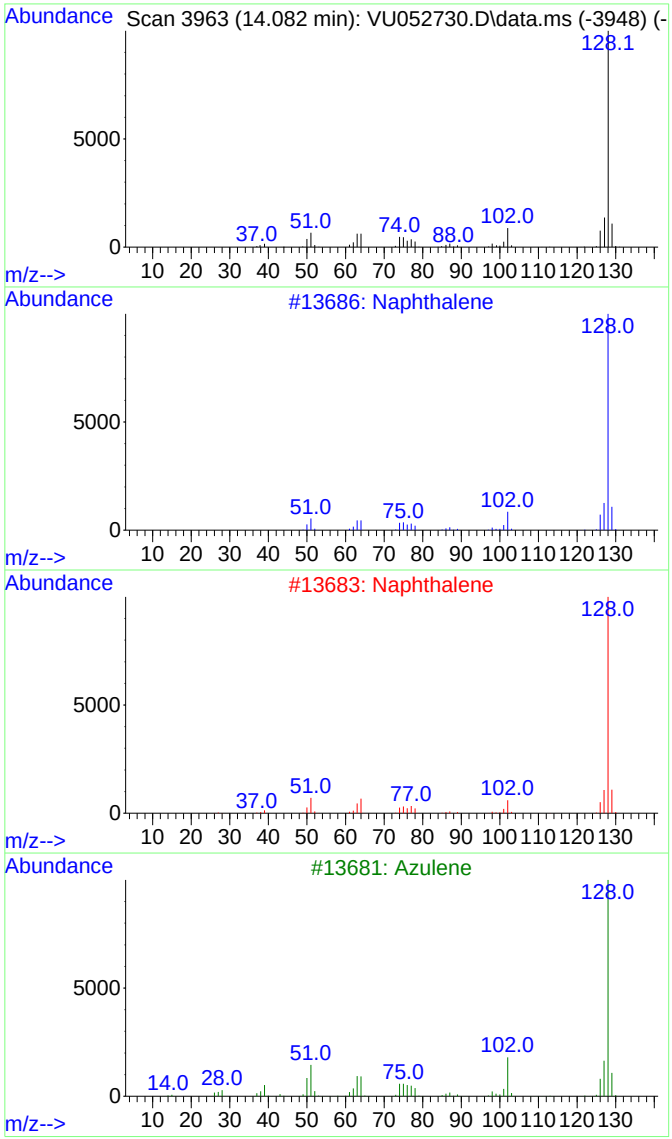
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
Quant Title : TRACE VOA SFAM1.0

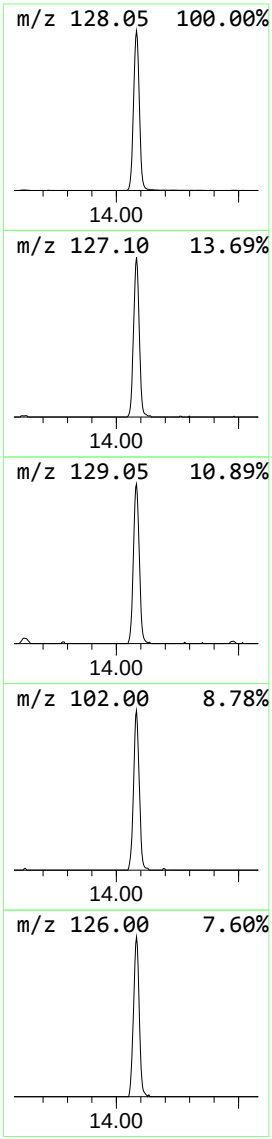
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.082	7.08 ug/L	474198	1,4-Dichlorobenzene-d4	11.806

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011723\
Data File : VU052730.D
Acq On : 17 Jan 2023 18:48
Operator : JC/MD
Sample : 01168-04DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BH1Z6DL

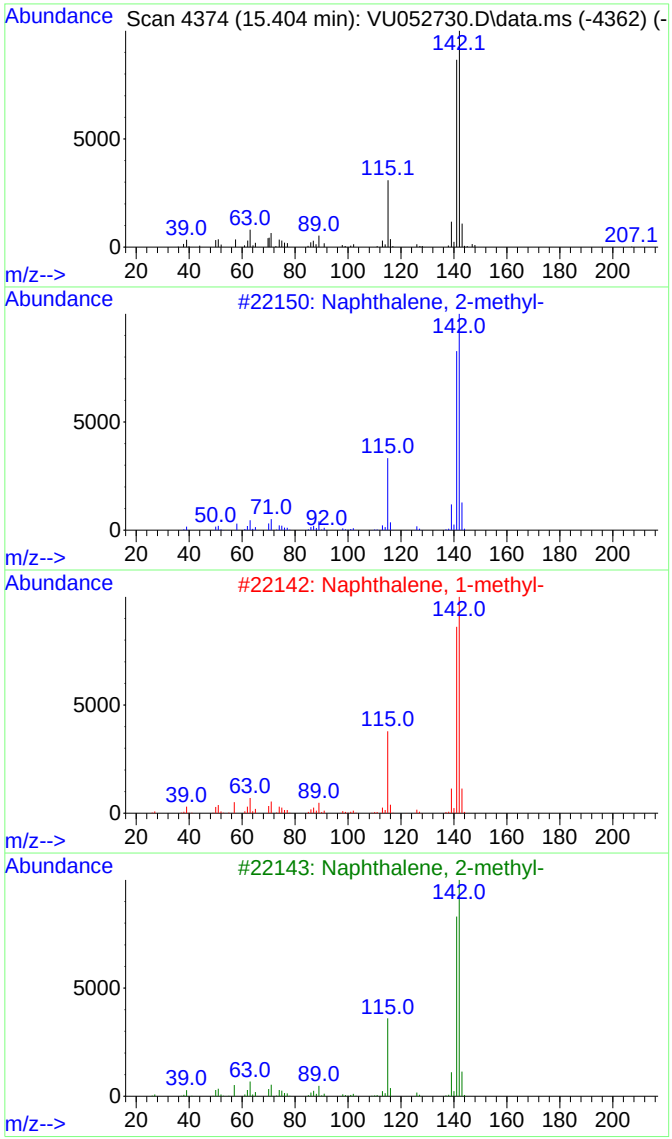
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
Quant Title : TRACE VOA SFAM1.0

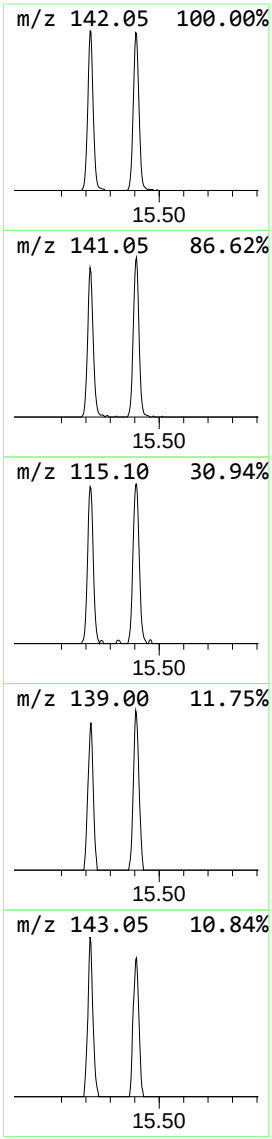
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1,4-Methanonaphthalene, 1,4... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.404	1.90 ug/L	127514	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011723\
Data File : VU052730.D
Acq On : 17 Jan 2023 18:48
Operator : JC/MD
Sample : 01168-04DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BH1Z6DL

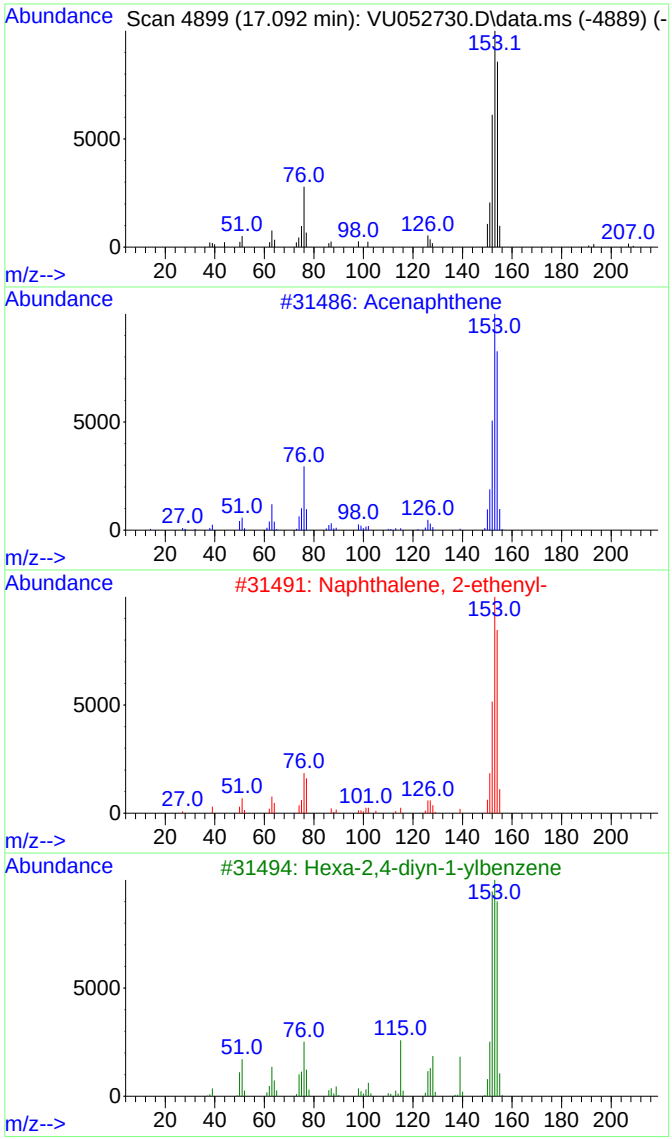
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
Quant Title : TRACE VOA SFAM1.0

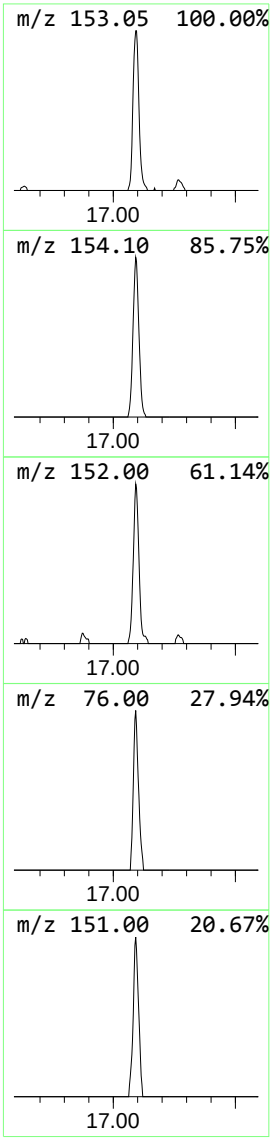
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 2-ethenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.092	0.72 ug/L	48372	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	76
2	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	53
3	Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	53
4	Acenaphthene	154	C12H10	000083-32-9	49
5	3-Fluoro-para-anisaldehyde	154	C8H7FO2	000351-54-2	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011723\
Data File : VU052730.D
Acq On : 17 Jan 2023 18:48
Operator : JC/MD
Sample : 01168-04DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BH1Z6DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.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
Indane	12.089	1.1	ug/L	72260	3	11.806	335017	5.0
Indene	12.307	1.0	ug/L	64256	3	11.806	335017	5.0
Azulene	14.082	7.1	ug/L	474198	3	11.806	335017	5.0
1,4-Methanonaph...	15.404	1.9	ug/L	127514	3	11.806	335017	5.0
Naphthalene, 2-...	17.092	0.7	ug/L	48372	3	11.806	335017	5.0