LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111523\
Data File : VU056366.D
Acq On : 15 Nov 2023 19:40
Operator : MD/SY
Sample : 05372-05
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCDQ1

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\SFAMUTR111323WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU056366.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.489	55	62	67	rBV	35906	37504	3.07%	0.310%
2	1.595	87	95	108	rVB2	178892	204081	16.71%	1.687%
3	1.910	177	193	206	rBV	122260	177594	14.54%	1.468%
4	1.991	209	218	235	rVB	92193	129529	10.61%	1.071%
5	2.152	260	268	276	rVB2	14030	19968	1.63%	0.165%
6	2.412	341	349	358	rVV2	13255	20669	1.69%	0.171%
7	2.563	383	396	410	rBV	250056	414264	33.92%	3.424%
8	2.644	410	421	438	rVB2	12956	33375	2.73%	0.276%
9	3.013	522	536	554	rVB3	23736	59838	4.90%	0.495%
10	3.132	559	573	607	rVB7	16463	48838	4.00%	0.404%
11	4.627	1025	1038	1090	rBV	135624	421167	34.48%	3.482%
12	5.055	1155	1171	1203	rVB	216703	494096	40.46%	4.084%
13	5.721	1354	1378	1414	rBV2	435150	1221310	100.00%	10.096%
14	5.888	1419	1430	1441	rVB9	7512	17013	1.39%	0.141%
15	6.245	1527	1541	1564	rBV	354265	694921	56.90%	5.745%
16	6.537	1617	1632	1651	rBV3	68493	135093	11.06%	1.117%
17	6.685	1665	1678	1700	rBV	260251	515383	42.20%	4.260%
18	7.563	1937	1951	1972	rBV	128422	231531	18.96%	1.914%
19	7.894	2039	2054	2077	rBV	518720	930567	76.19%	7.692%
20	8.177	2131	2142	2164	rBV	75752	139903	11.46%	1.156%
21	8.550	2241	2258	2271	rBV2	149522	252958	20.71%	2.091%
22	8.630	2271	2283	2318	rVV	549701	1077824	88.25%	8.910%
23	9.412	2514	2526	2558	rBV	498165	877257	71.83%	7.252%
24	9.698	2606	2615	2631	rVB4	9869	17383	1.42%	0.144%
25	10.100	2728	2740	2765	rVB3	31996	66684	5.46%	0.551%
26	10.482	2848	2859	2878	rBV2	26943	45164	3.70%	0.373%
27	10.749	2930	2942	2962	rBV	181073	298768	24.46%	2.470%
28	11.084	3038	3046	3058	rBV2	15148	23355	1.91%	0.193%
29	11.286	3099	3109	3128	rBV2	59746	115093	9.42%	0.951%
30	11.441	3149	3157	3159	rBV3	17115	19880	1.63%	0.164%
31	11.537	3176	3187	3197	rBV	41542	63981	5.24%	0.529%
32	11.807	3258	3271	3288	rBV	496419	821040	67.23%	6.787%
33	11.891	3288	3297	3309	rVB	70148	108690	8.90%	0.898%
34	12.061	3338	3350	3374	rBV3	25249	73469	6.02%	0.607%
35	12.190	3377	3390	3414	rVB	486418	822695	67.36%	6.801%
36	12.309	3414	3427	3438	rBV2	42040	71868	5.88%	0.594%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111523\
Data File : VU056366.D
Acq On : 15 Nov 2023 19:40
Operator : MD/SY
Sample : 05372-05
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCDQ1

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\SFAMUTR111323WMA.M
Title : TRACE VOA SFAM1.0

37	12.566	3497	3507	3517	rVB2	14011	21358	1.75%	0.177%
38	12.679	3532	3542	3551	rBV4	15251	28345	2.32%	0.234%
39	12.743	3554	3562	3576	rVB3	45808	70959	5.81%	0.587%
40	12.875	3593	3603	3613	rBV5	7248	13201	1.08%	0.109%
41	12.968	3623	3632	3640	rBV3	19076	26475	2.17%	0.219%
42	13.023	3640	3649	3662	rVV	30390	50357	4.12%	0.416%
43	13.084	3662	3668	3677	rVB4	8599	12275	1.01%	0.101%
44	13.148	3677	3688	3698	rVB3	28580	42284	3.46%	0.350%
45	13.441	3765	3779	3790	rBV3	37366	58160	4.76%	0.481%
46	13.515	3790	3802	3817	rBV	260186	408668	33.46%	3.378%
47	13.624	3824	3836	3852	rBV2	269220	445929	36.51%	3.686%
48	14.084	3968	3979	3996	rVB	15843	29289	2.40%	0.242%
49	14.209	4006	4018	4029	rBV2	15951	26399	2.16%	0.218%
50	14.672	4153	4162	4172	rBV3	9845	16088	1.32%	0.133%
51	14.797	4191	4201	4217	rBV4	13117	22766	1.86%	0.188%
52	15.408	4378	4391	4402	rBV2	69384	121829	9.98%	1.007%

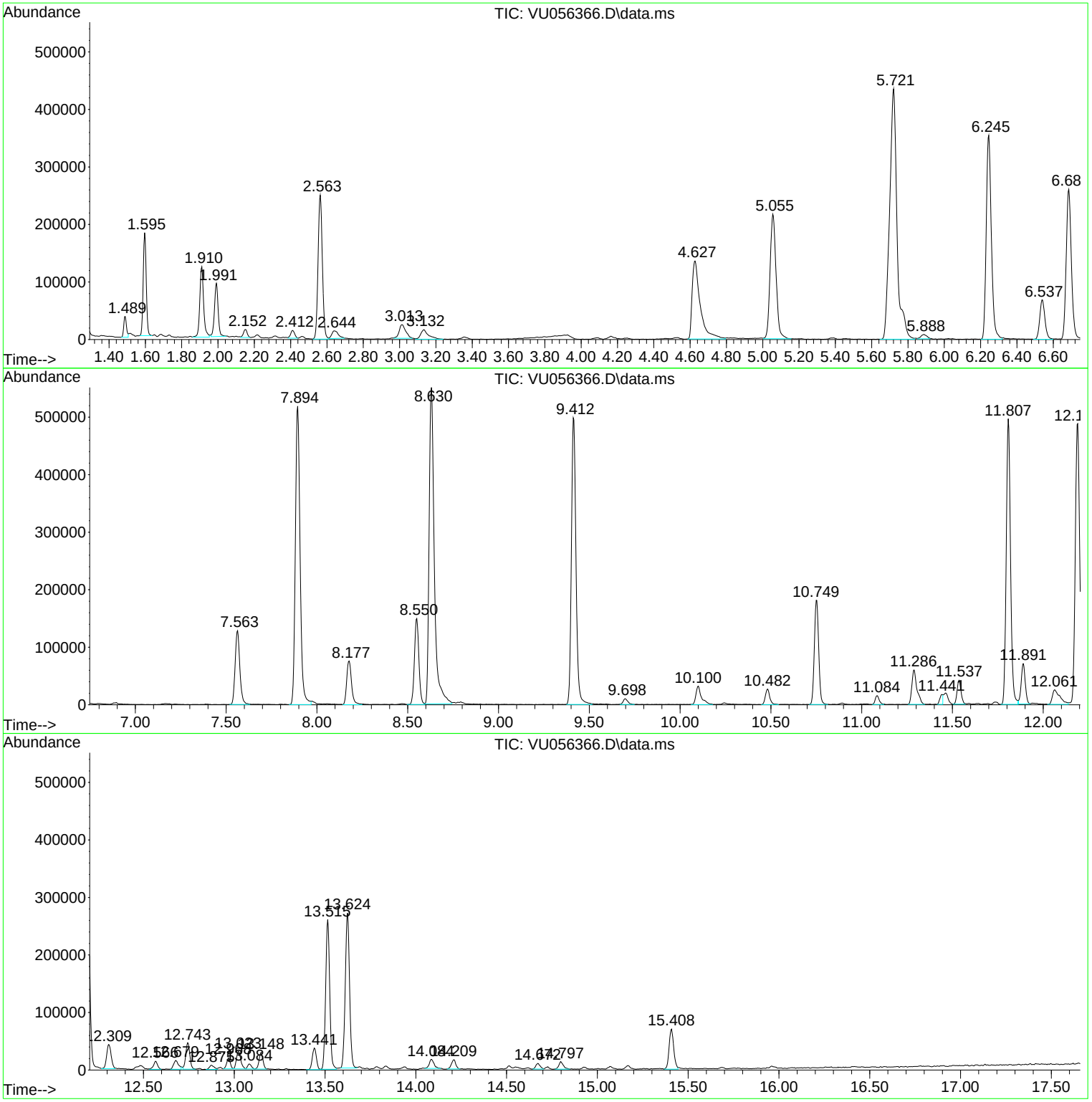
Sum of corrected areas: 12097135

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111523\
Data File : VU056366.D
Acq On : 15 Nov 2023 19:40
Operator : MD/SY
Sample : 05372-05
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCDQ1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.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\VU111523\
Data File : VU056366.D
Acq On : 15 Nov 2023 19:40
Operator : MD/SY
Sample : 05372-05
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCDQ1

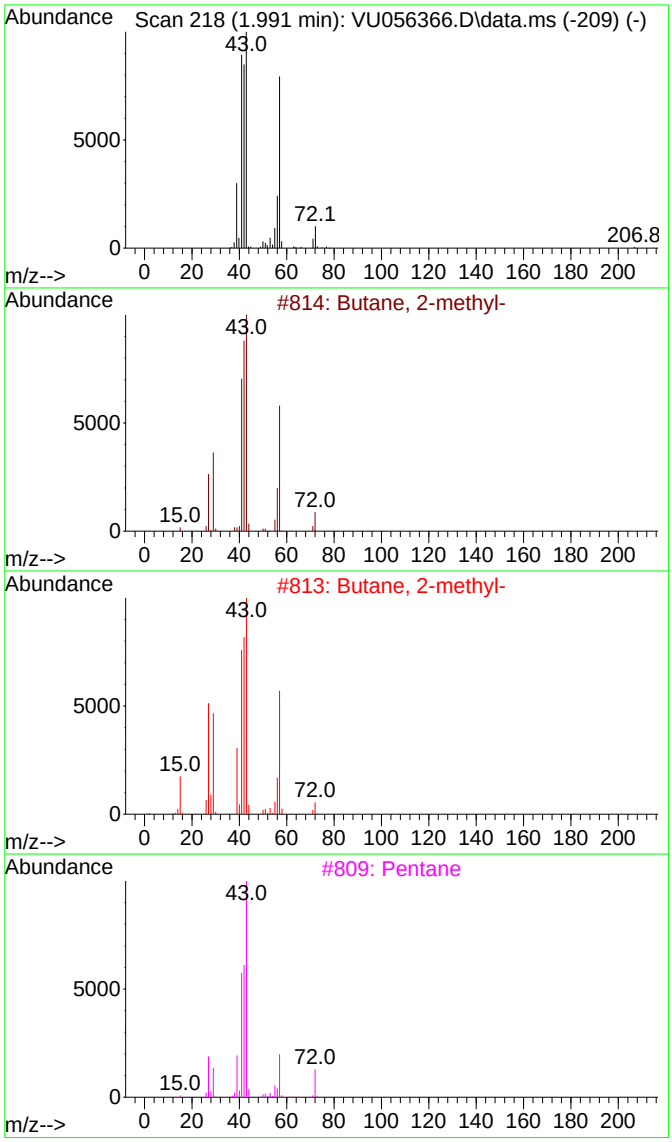
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0

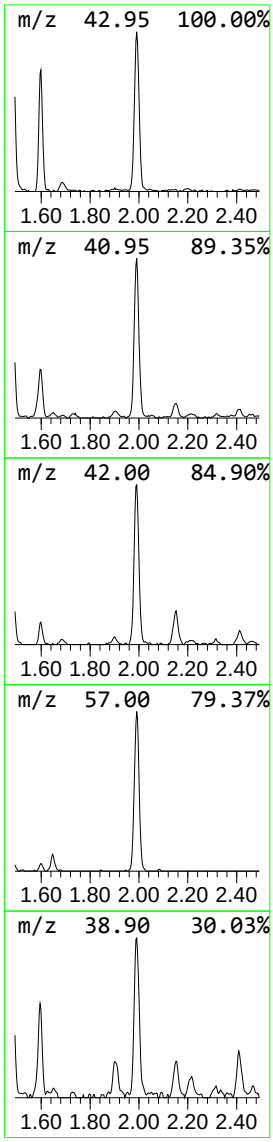
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.991	0.93 ug/L	129529	1,4-Difluorobenzene	6.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	90
2	Butane, 2-methyl-	72	C5H12	000078-78-4	86
3	Pentane	72	C5H12	000109-66-0	28
4	1,1-Diisobutoxy-butane	202	C12H26O2	013002-16-9	27
5	Butane, 1-isocyano-	83	C5H9N	002769-64-4	12





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111523\
Data File : VU056366.D
Acq On : 15 Nov 2023 19:40
Operator : MD/SY
Sample : 05372-05
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCDQ1

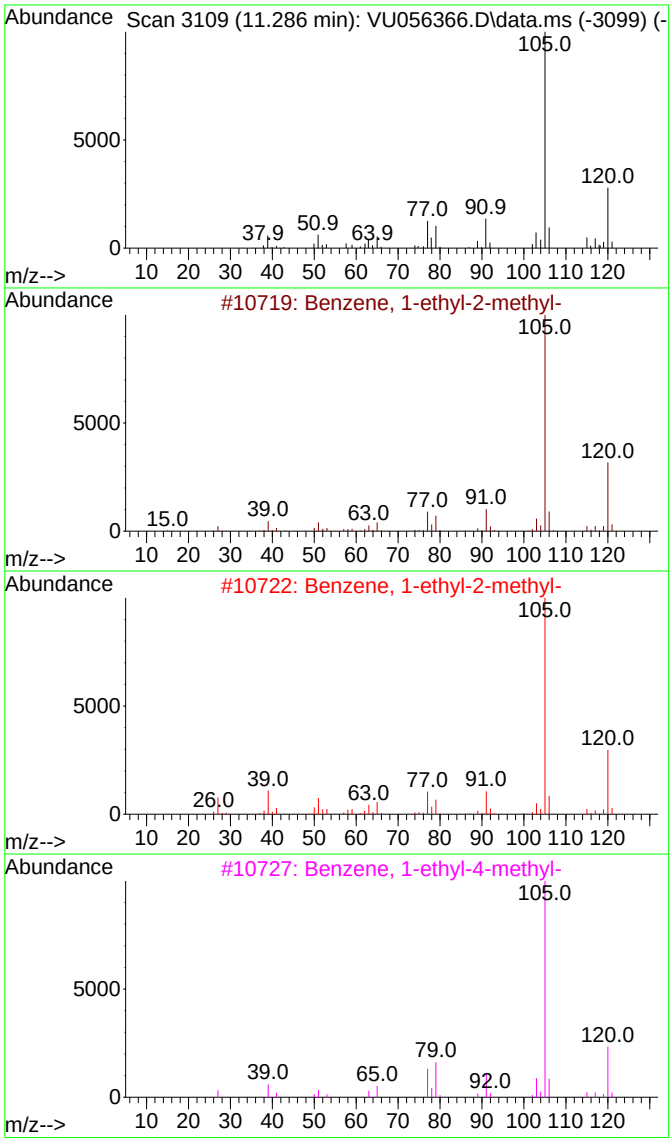
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0

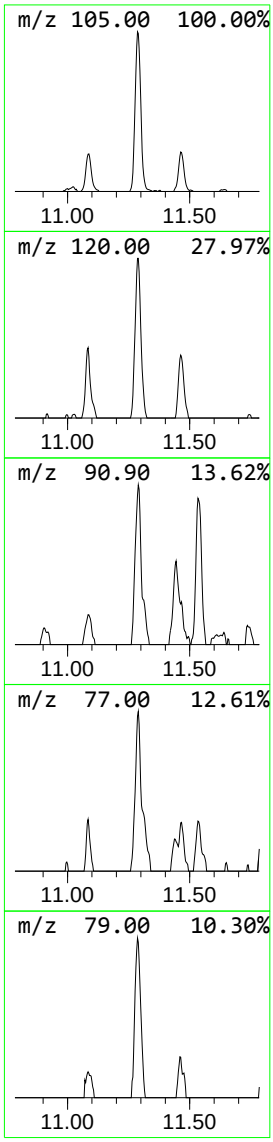
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.286	0.70 ug/L	115093	1,4-Dichlorobenzene-d4	11.807

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	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111523\
Data File : VU056366.D
Acq On : 15 Nov 2023 19:40
Operator : MD/SY
Sample : 05372-05
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCDQ1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0

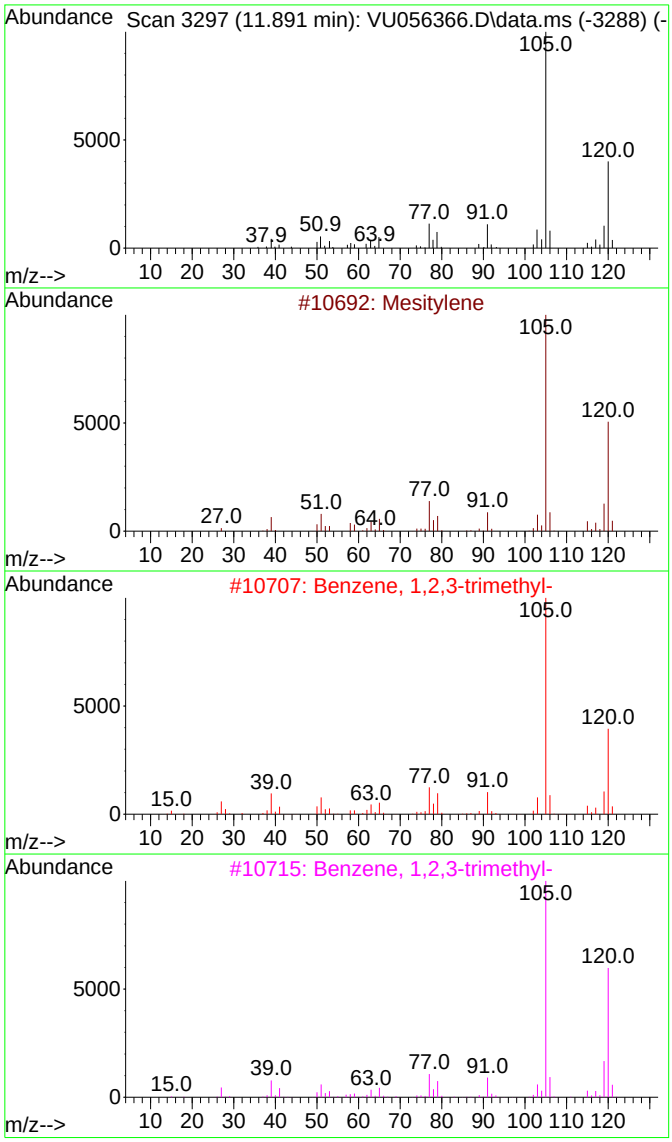
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

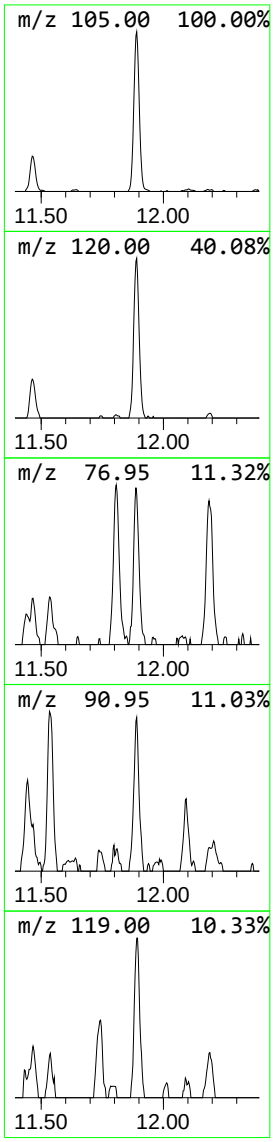
****

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.891	0.66 ug/L	108690	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111523\
Data File : VU056366.D
Acq On : 15 Nov 2023 19:40
Operator : MD/SY
Sample : 05372-05
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCDQ1

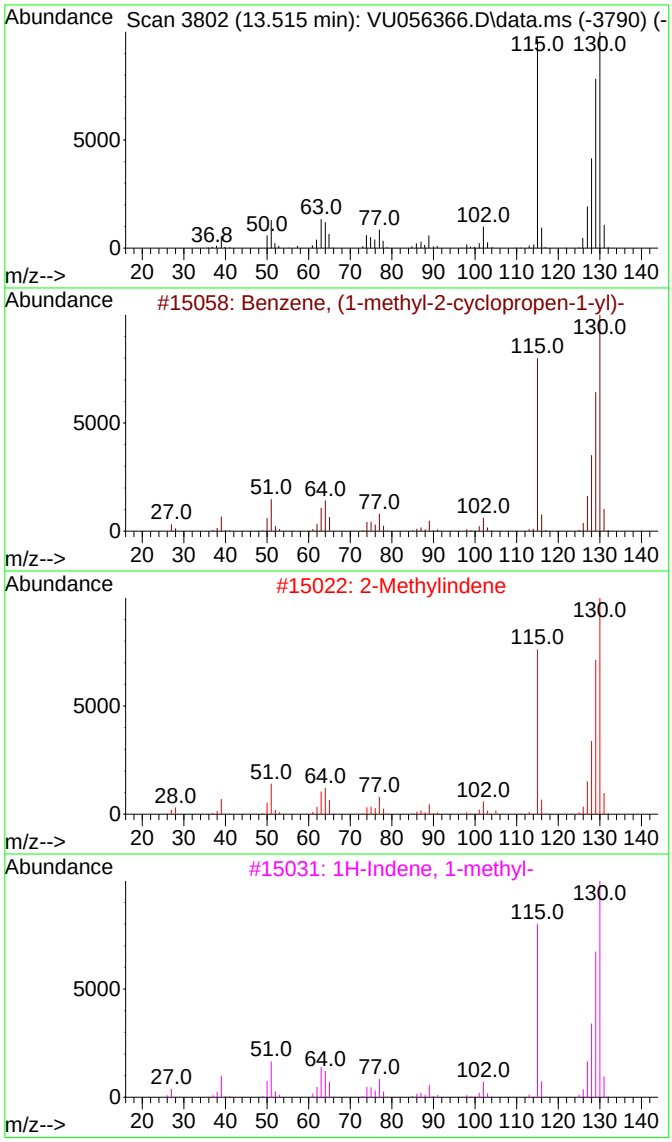
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0

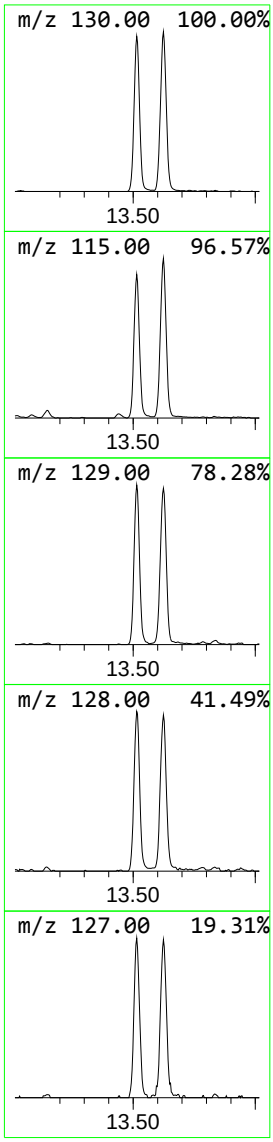
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, (1-methyl-2-cyclop... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.515	2.49 ug/L	408668	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	97
2	2-Methylindene	130	C10H10	002177-47-1	97
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
4	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111523\
Data File : VU056366.D
Acq On : 15 Nov 2023 19:40
Operator : MD/SY
Sample : 05372-05
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCDQ1

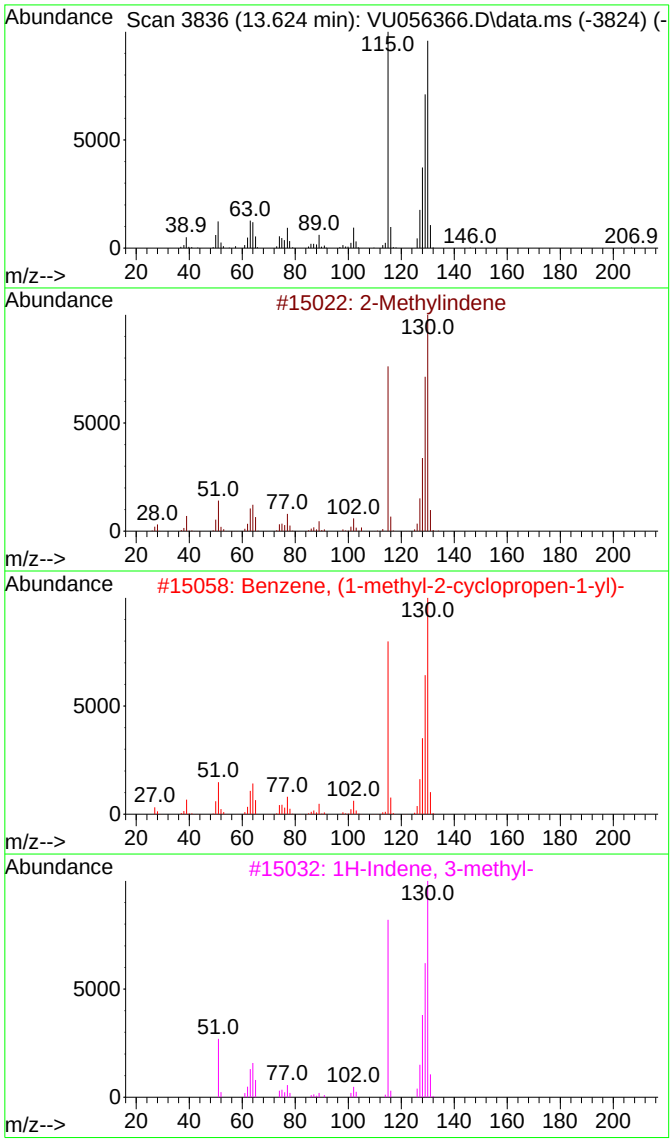
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0

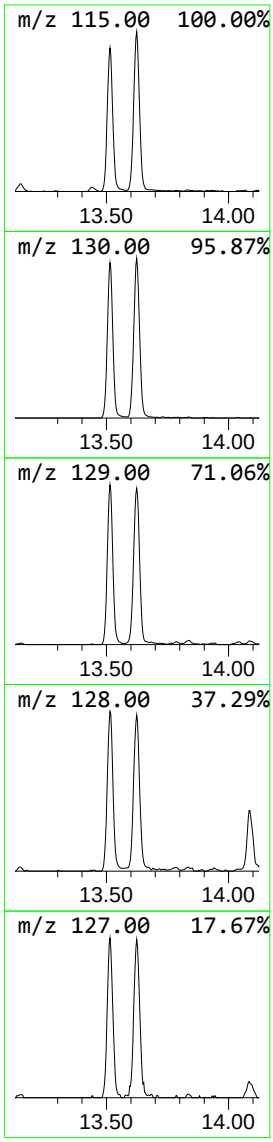
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2-Methylindene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.624	2.72 ug/L	445929	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	96
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
3	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	95
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111523\
Data File : VU056366.D
Acq On : 15 Nov 2023 19:40
Operator : MD/SY
Sample : 05372-05
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCDQ1

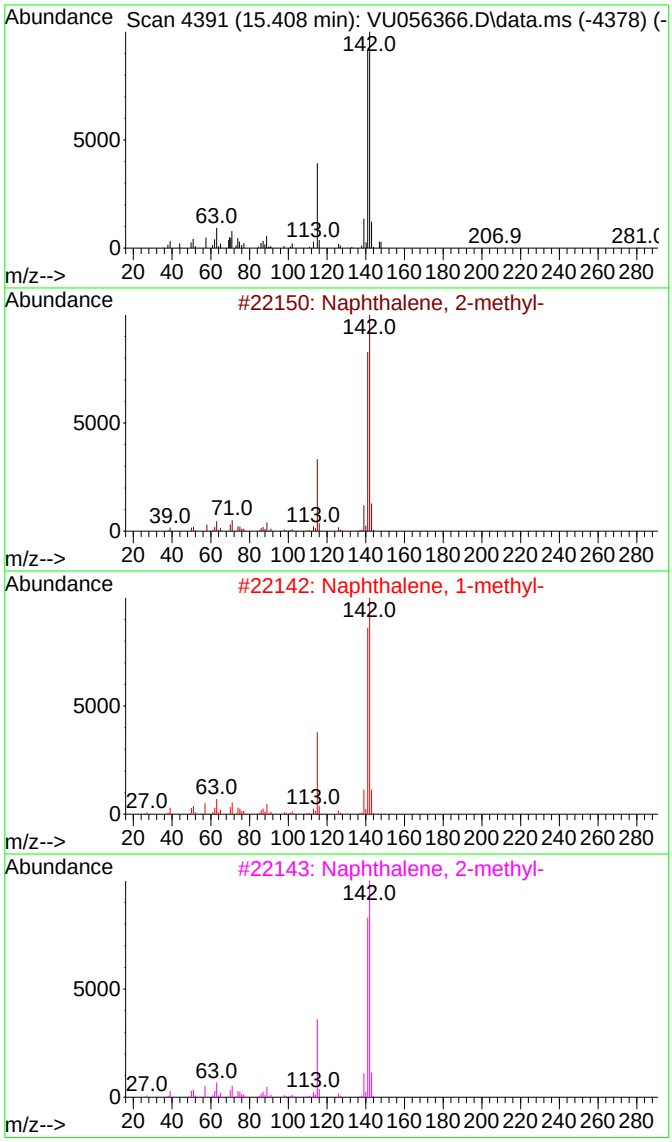
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0

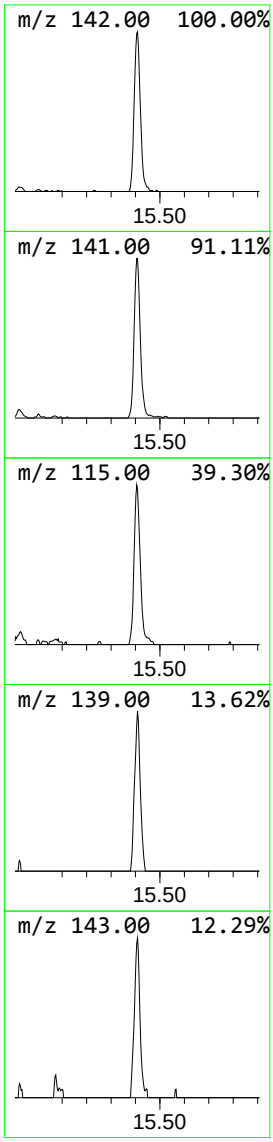
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.408	0.74 ug/L	121829	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111523\
Data File : VU056366.D
Acq On : 15 Nov 2023 19:40
Operator : MD/SY
Sample : 05372-05
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCDQ1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.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
(DEL) Alkane: S...	1.991	0.9	ug/L	129529	1	6.245	694921	5.0
Benzene, 1-ethy...	11.286	0.7	ug/L	115093	3	11.807	821040	5.0
Benzene, 1,2,3-...	11.891	0.7	ug/L	108690	3	11.807	821040	5.0
Benzene, (1-met...	13.515	2.5	ug/L	408668	3	11.807	821040	5.0
2-Methylindene	13.624	2.7	ug/L	445929	3	11.807	821040	5.0
Naphthalene, 2-...	15.408	0.7	ug/L	121829	3	11.807	821040	5.0