LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
Data File : VU059716.D
Acq On : 02 Jul 2024 04:04
Operator : MD/SY
Sample : P3121-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM0

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\SFAMUTR061724WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU059716.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.595	86	95	108	rBV	58399	69610	2.18%	0.190%
2	1.907	185	192	208	rVV	56590	76512	2.39%	0.209%
3	1.991	211	218	227	rVB	49416	67124	2.10%	0.183%
4	2.560	383	395	415	rBV	99924	173961	5.44%	0.474%
5	3.039	527	544	550	rBV4	16072	41023	1.28%	0.112%
6	3.354	628	642	656	rBV2	22575	49521	1.55%	0.135%
7	4.521	987	1005	1023	rBV4	31280	75174	2.35%	0.205%
8	4.618	1025	1035	1073	rBV	97469	274838	8.59%	0.749%
9	5.055	1155	1171	1202	rBV2	116576	264959	8.28%	0.722%
10	5.380	1256	1272	1286	rBV4	36791	83136	2.60%	0.227%
11	5.717	1359	1377	1406	rVV2	227390	630919	19.72%	1.719%
12	6.242	1527	1540	1571	rBV	240168	470831	14.72%	1.283%
13	6.682	1665	1677	1690	rBV2	143955	288005	9.00%	0.785%
14	6.756	1693	1700	1713	rVB3	21357	43813	1.37%	0.119%
15	7.560	1939	1950	1964	rBV	58189	104896	3.28%	0.286%
16	7.891	2032	2053	2068	rBV	272576	486360	15.20%	1.325%
17	7.965	2068	2076	2090	rVB	27327	49380	1.54%	0.135%
18	8.174	2128	2141	2154	rBV	34508	61768	1.93%	0.168%
19	8.627	2271	2282	2304	rBV	354692	642157	20.07%	1.750%
20	9.412	2513	2526	2547	rBV	354679	596356	18.64%	1.625%
21	9.563	2562	2573	2588	rBV	211018	340578	10.65%	0.928%
22	9.688	2598	2612	2626	rBV	105648	178151	5.57%	0.486%
23	10.093	2721	2738	2762	rBV	171246	305584	9.55%	0.833%
24	10.479	2846	2858	2877	rBV	97378	163081	5.10%	0.444%
25	10.749	2930	2942	2956	rVB2	125493	204187	6.38%	0.556%
26	10.897	2973	2988	3003	rBV2	99173	168765	5.27%	0.460%
27	11.016	3005	3025	3036	rVV	668341	1240137	38.76%	3.380%
28	11.081	3036	3045	3062	rVB	317093	499997	15.63%	1.363%
29	11.283	3091	3108	3131	rBV	335222	549993	17.19%	1.499%
30	11.460	3139	3163	3176	rBV	944726	1435809	44.88%	3.913%
31	11.534	3176	3186	3196	rVV	211400	322606	10.08%	0.879%
32	11.637	3211	3218	3229	rVB2	33430	52297	1.63%	0.143%
33	11.737	3236	3249	3258	rBV	161754	254026	7.94%	0.692%
34	11.804	3258	3270	3284	rVV2	428705	743435	23.24%	2.026%
35	11.888	3284	3296	3309	rVB	554694	853859	26.69%	2.327%
36	12.000	3322	3331	3341	rVB2	20275	32756	1.02%	0.089%

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Sample : P3121-18
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ALS Vial : 49 Sample Multiplier: 1

Instrument :
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ClientSampleId :
C0BM0

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\SFAMUTR061724WMA.M
Title : TRACE VOA SFAM1.0

37	12.090	3341	3359	3376	rBV2	746777	1473078	46.04%	4.015%
38	12.183	3376	3388	3401	rVV3	816903	1401344	43.80%	3.819%
39	12.248	3401	3408	3415	rVV	32875	52423	1.64%	0.143%
40	12.302	3415	3425	3437	rVV	321610	533822	16.69%	1.455%
41	12.370	3437	3446	3462	rVB	96319	154105	4.82%	0.420%
42	12.460	3462	3474	3478	rBV	222708	362223	11.32%	0.987%
43	12.486	3478	3482	3494	rVB2	253187	365626	11.43%	0.996%
44	12.563	3494	3506	3514	rBV	565109	855349	26.74%	2.331%
45	12.608	3514	3520	3531	rVV2	121533	227380	7.11%	0.620%
46	12.672	3531	3540	3554	rVV2	264622	580220	18.14%	1.581%
47	12.740	3554	3561	3572	rVV	357237	549678	17.18%	1.498%
48	12.801	3572	3580	3590	rVV2	91266	139996	4.38%	0.382%
49	12.868	3591	3601	3613	rVB	145741	256804	8.03%	0.700%
50	12.965	3613	3631	3639	rBV	270662	431719	13.49%	1.177%
51	13.019	3639	3648	3660	rVV	464373	733096	22.91%	1.998%
52	13.084	3660	3668	3677	rVV5	63827	134587	4.21%	0.367%
53	13.151	3678	3689	3696	rVV4	122214	272917	8.53%	0.744%
54	13.190	3697	3701	3710	rVB	69175	88089	2.75%	0.240%
55	13.286	3721	3731	3744	rVB	341006	512853	16.03%	1.398%
56	13.402	3759	3767	3769	rBV3	32526	38129	1.19%	0.104%
57	13.444	3769	3780	3791	rVV3	854299	1456912	45.54%	3.971%
58	13.511	3791	3801	3819	rVB	955802	1483402	46.37%	4.043%
59	13.617	3821	3834	3848	rVB2	1250452	2095194	65.49%	5.710%
60	13.685	3848	3855	3859	rBV2	49495	67399	2.11%	0.184%
61	13.720	3859	3866	3874	rVV2	119339	172496	5.39%	0.470%
62	13.778	3875	3884	3892	rVB3	121058	186458	5.83%	0.508%
63	13.830	3892	3900	3918	rBV5	121314	255705	7.99%	0.697%
64	13.933	3926	3932	3947	rVB2	111543	216845	6.78%	0.591%
65	14.077	3956	3977	4002	rBV	1634169	2750647	85.97%	7.496%
66	14.187	4002	4011	4023	rBV3	44239	93417	2.92%	0.255%
67	14.280	4033	4040	4051	rVB3	70792	126062	3.94%	0.344%
68	14.338	4051	4058	4068	rVB3	41819	62894	1.97%	0.171%
69	14.473	4089	4100	4105	rBV4	104297	177838	5.56%	0.485%
70	14.508	4105	4111	4117	rVB	95688	133067	4.16%	0.363%
71	14.543	4117	4122	4128	rBV3	40718	52948	1.65%	0.144%
72	14.611	4137	4143	4150	rVB	63691	83153	2.60%	0.227%
73	14.669	4150	4161	4170	rBV2	261317	508569	15.90%	1.386%
74	14.717	4171	4176	4184	rVB	109713	162377	5.08%	0.443%
75	14.797	4190	4201	4216	rVB3	255535	529974	16.57%	1.444%
76	14.868	4216	4223	4232	rVB2	67458	106807	3.34%	0.291%

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ClientSampleId :
C0BM0

Integration Parameters: rteint.p
Integrator: RTE
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Sampling : 1 Min Area: 3 % of largest Peak
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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Title : TRACE VOA SFAM1.0

77	14.920	4233	4239	4252	rVB6	33257	57587	1.80%	0.157%
78	15.006	4252	4266	4275	rBV7	49669	112517	3.52%	0.307%
79	15.064	4275	4284	4301	rVB	83934	163838	5.12%	0.447%
80	15.161	4303	4314	4321	rBV	61260	104450	3.26%	0.285%
81	15.215	4321	4331	4344	rVB	262834	402749	12.59%	1.098%
82	15.402	4376	4389	4403	rBV	2031936	3199358	100.00%	8.719%
83	15.550	4426	4435	4449	rVB3	16216	34165	1.07%	0.093%
84	15.945	4538	4558	4569	rBV	82671	150473	4.70%	0.410%
85	16.177	4623	4630	4639	rVB	37278	56657	1.77%	0.154%
86	16.254	4644	4654	4663	rBV	89718	157068	4.91%	0.428%
87	16.402	4689	4700	4708	rBV	169878	272535	8.52%	0.743%
88	16.604	4754	4763	4768	rBV3	32595	55762	1.74%	0.152%
89	16.778	4808	4817	4831	rVB	19483	33243	1.04%	0.091%
90	17.090	4904	4914	4931	rBV2	65284	111671	3.49%	0.304%

Sum of corrected areas: 36693279

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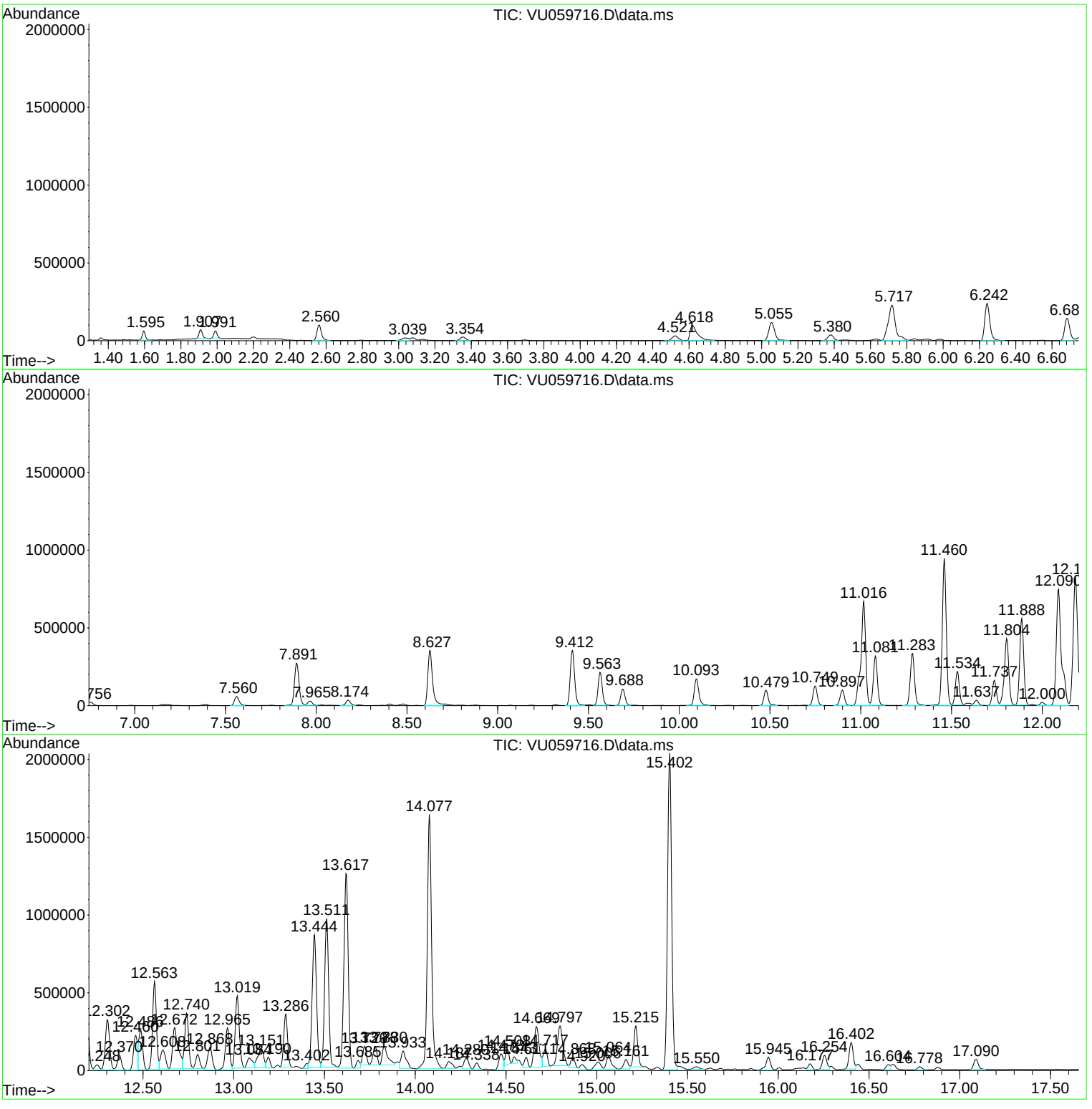
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.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\VU070124\
Data File : VU059716.D
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Instrument :
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ClientSampleId :
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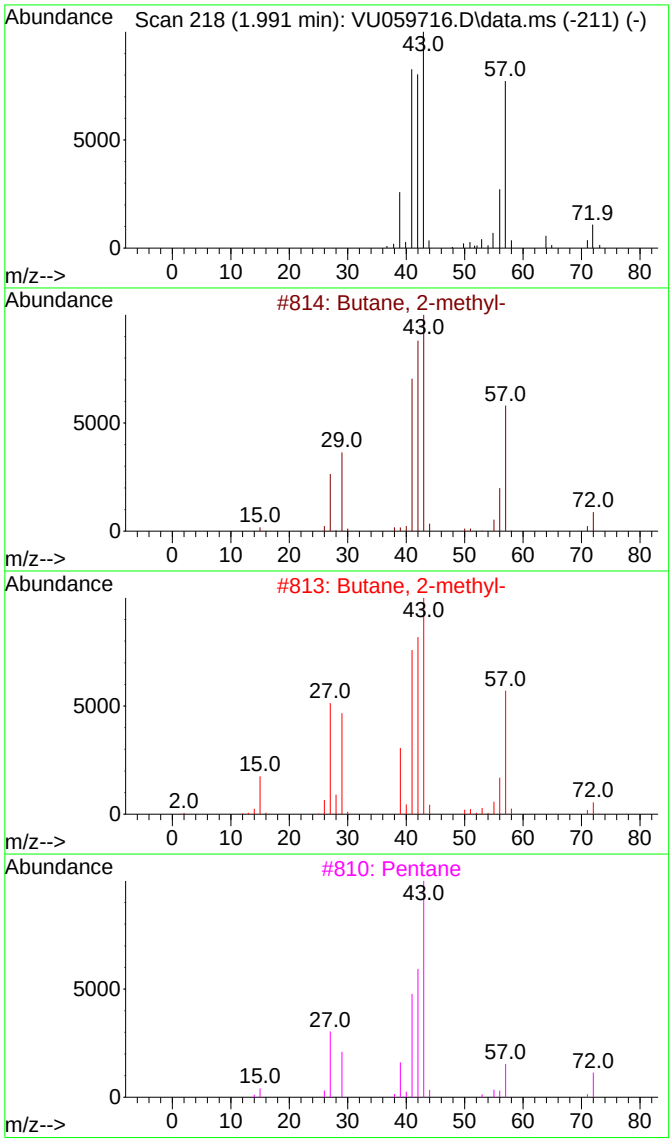
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

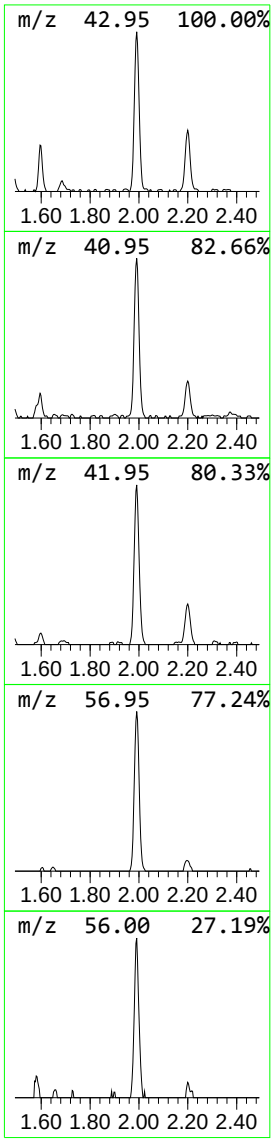
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.991	0.71 ug/L	67124	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2	Butane, 2-methyl-	72	C5H12	000078-78-4	86
3	Pentane	72	C5H12	000109-66-0	53
4	Pentane	72	C5H12	000109-66-0	42
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
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Operator : MD/SY
Sample : P3121-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM0

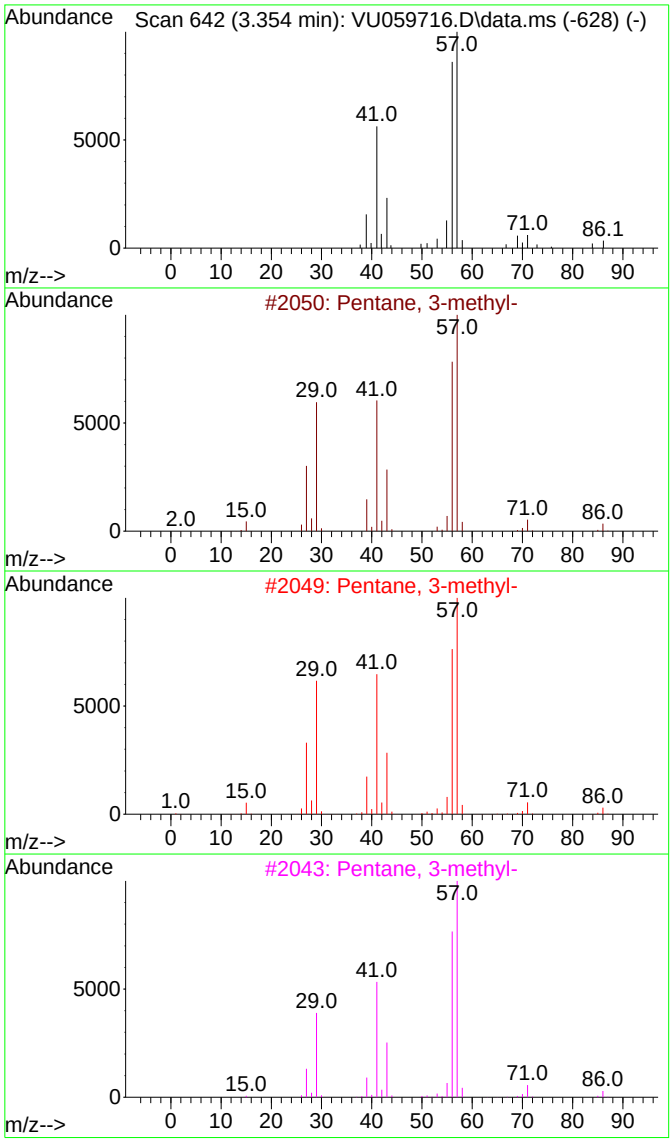
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

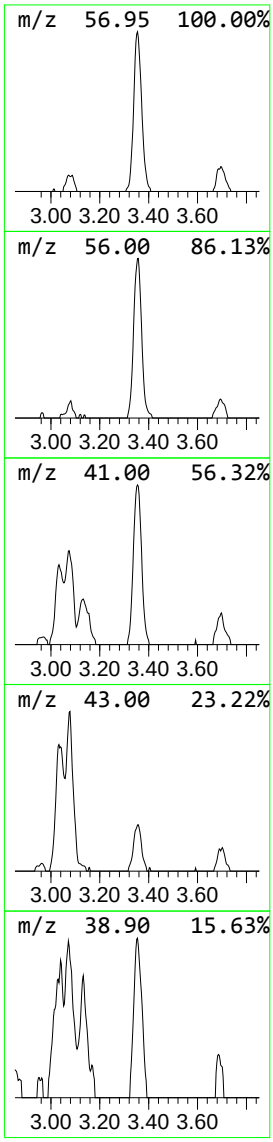
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.354	0.53 ug/L	49521	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	80
4	Sulphuric acid dibutyl ester	210	C8H18O4S	000625-22-9	64
5	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	56





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ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM0

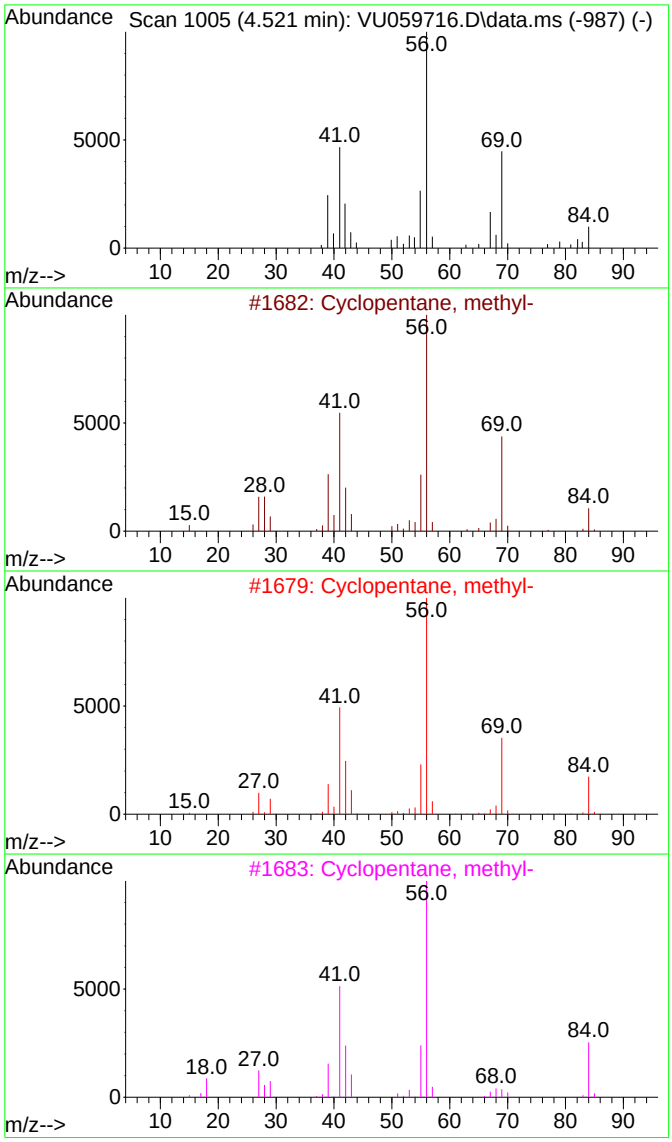
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

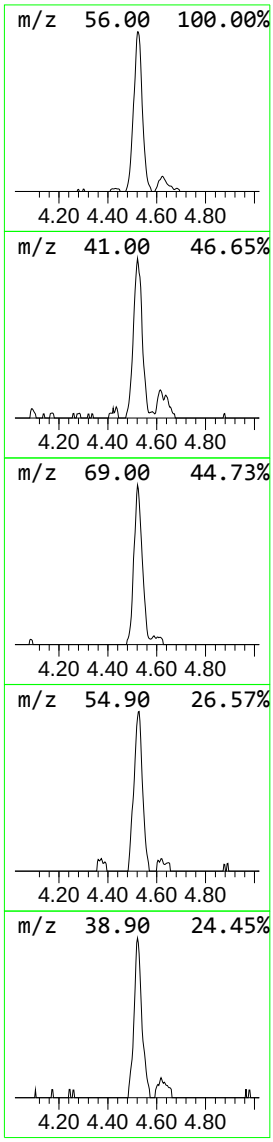
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic4.521 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.521	0.80 ug/L	75174	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	90
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	80
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	72
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	59





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ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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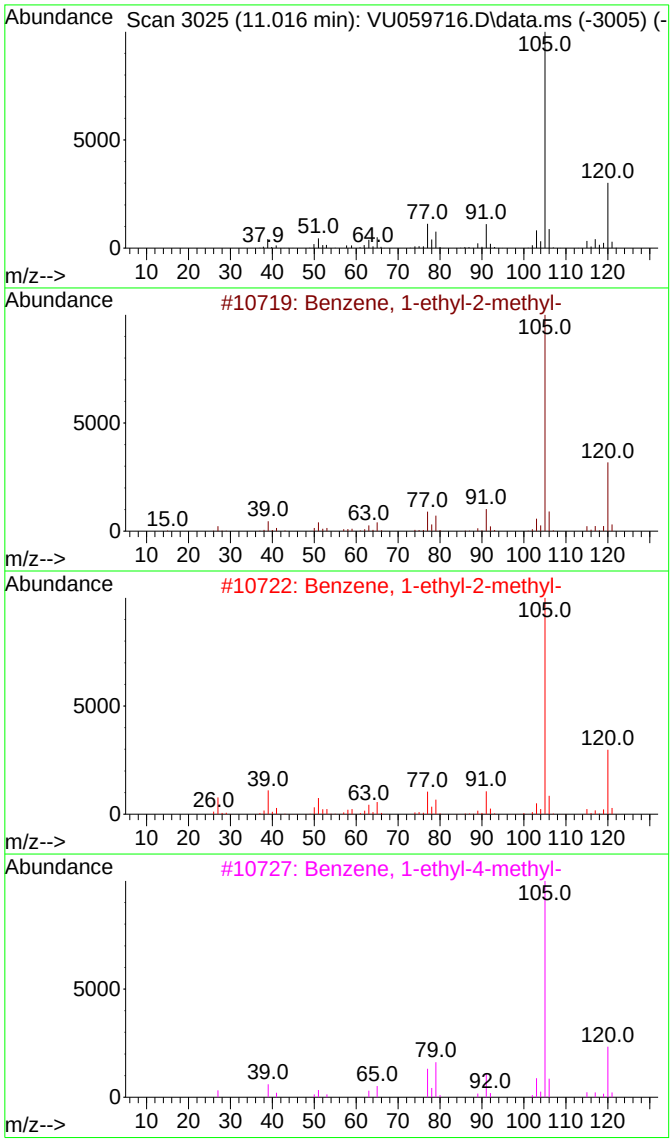
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

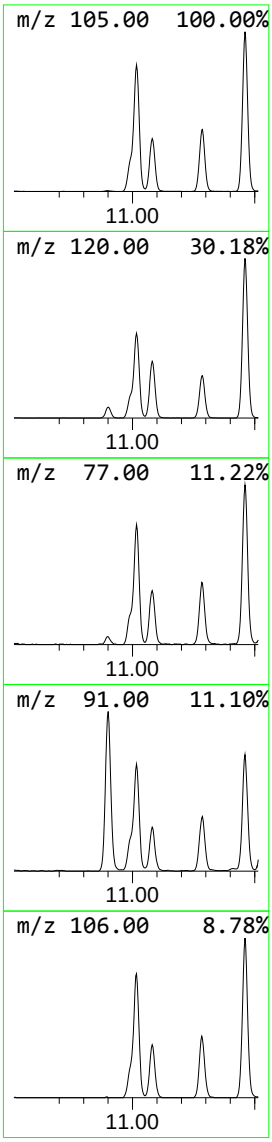
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.016	8.34 ug/L	1240140	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	90
5	Mesitylene	120	C9H12	000108-67-8	90





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Data File : VU059716.D
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM0

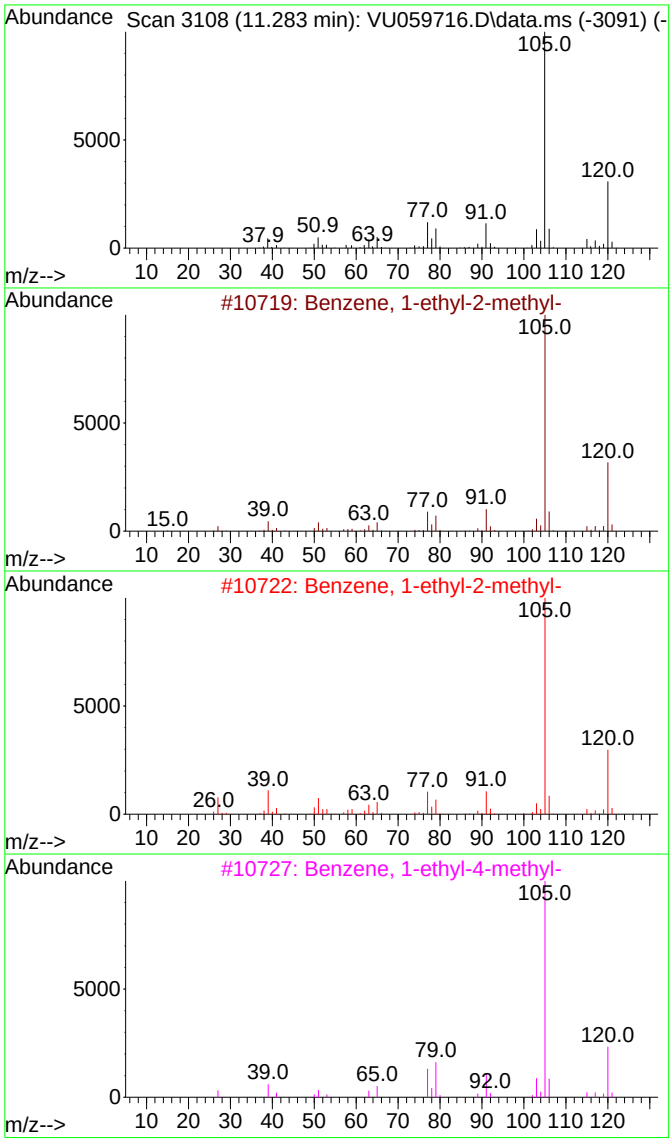
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

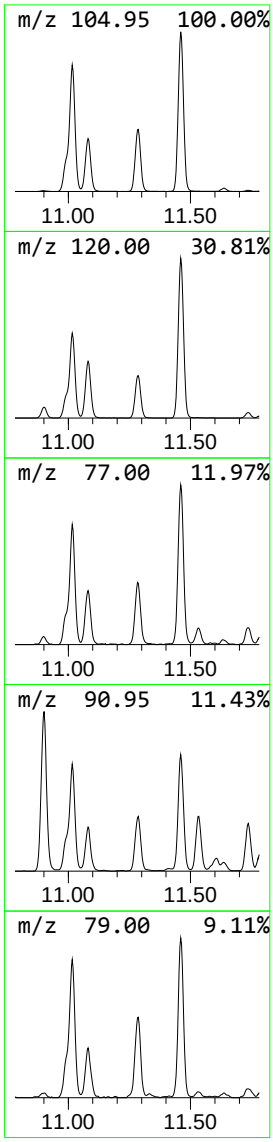
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-ethyl-4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.283	3.70 ug/L	549993	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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ClientSampleId :
C0BM0

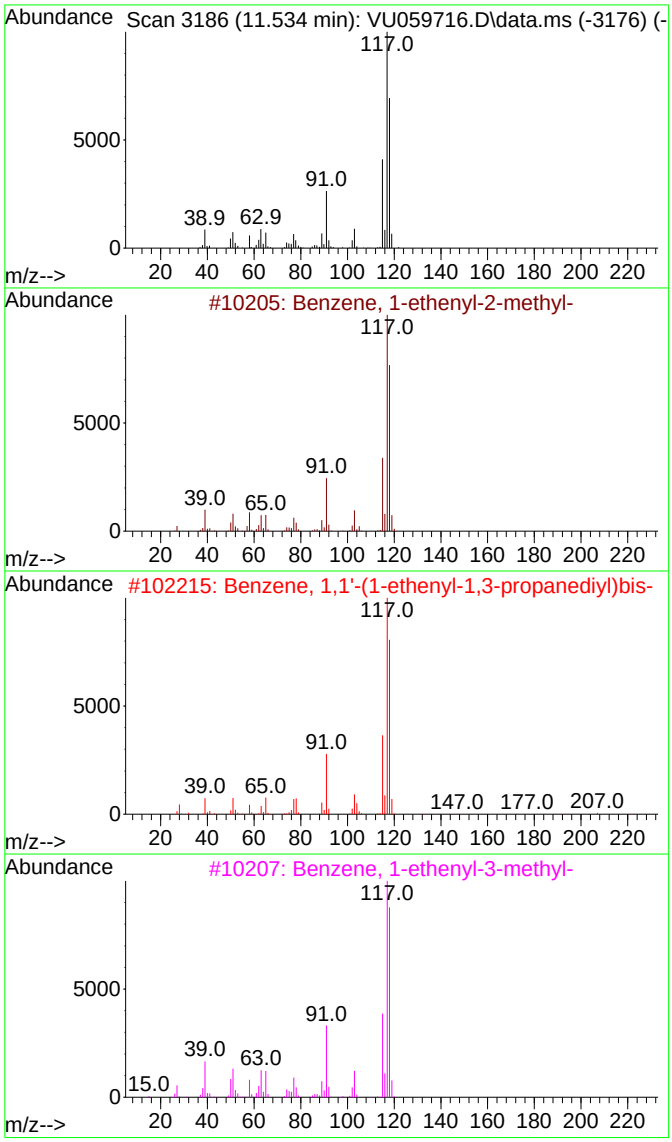
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

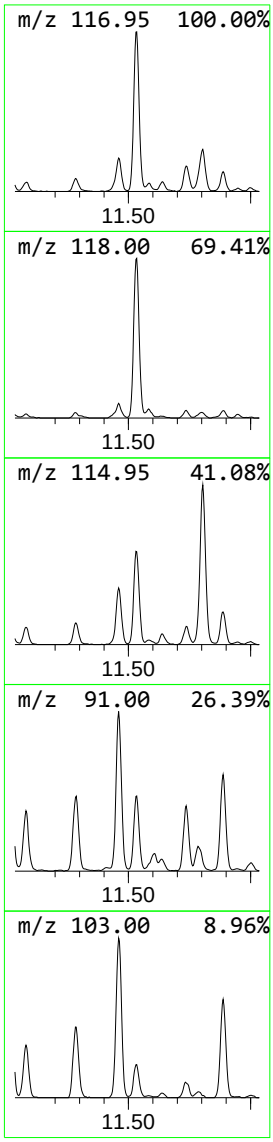
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-ethenyl-2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.534	2.17 ug/L	322606	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
2	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	91
3	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	90
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	89
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	89





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
Data File : VU059716.D
Acq On : 02 Jul 2024 04:04
Operator : MD/SY
Sample : P3121-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

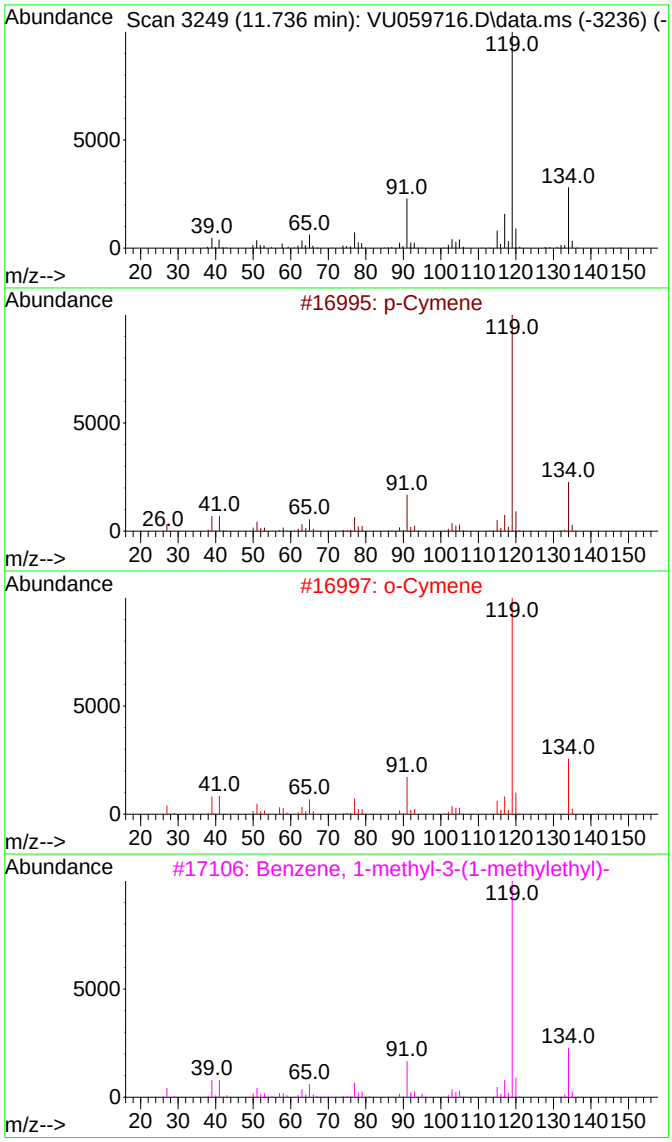
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

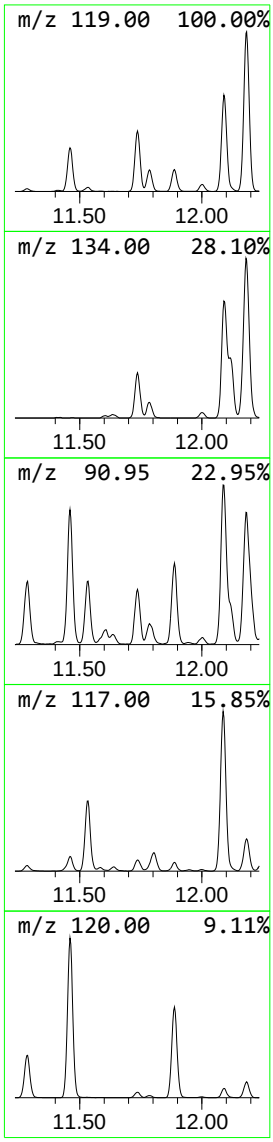
****

Peak Number 9 p-Cymene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.736	1.71 ug/L	254026	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	p-Cymene	134	C10H14	000099-87-6	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





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Data File : VU059716.D
Acq On : 02 Jul 2024 04:04
Operator : MD/SY
Sample : P3121-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM0

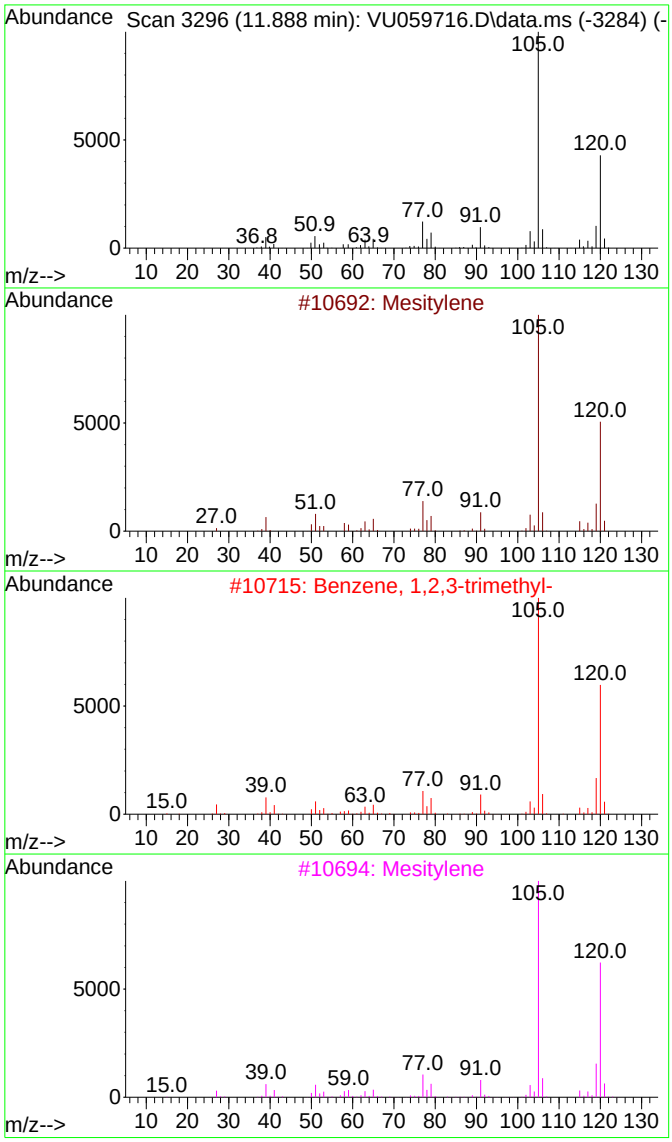
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

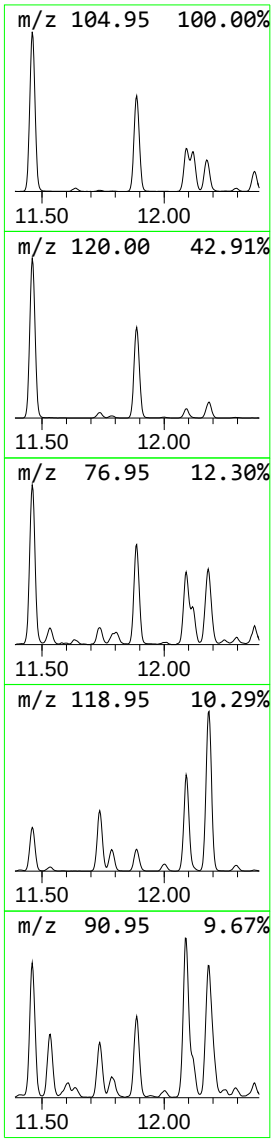
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.888	5.74 ug/L	853859	1,4-Dichlorobenzene-d4	11.804

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	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94





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Data File : VU059716.D
Acq On : 02 Jul 2024 04:04
Operator : MD/SY
Sample : P3121-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM0

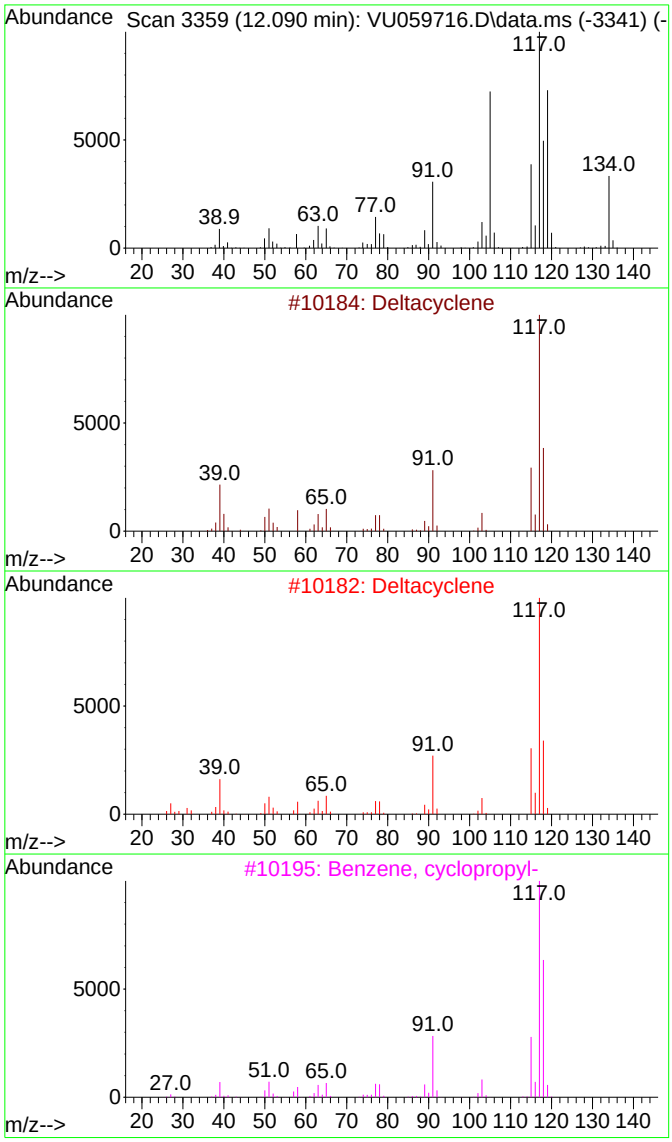
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

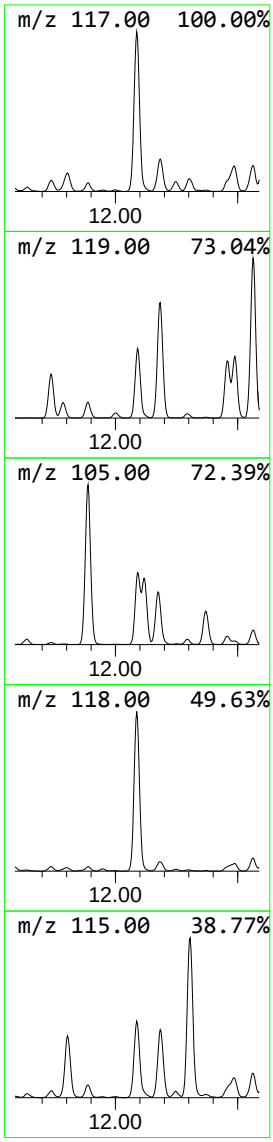
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, cyclopropyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.090	9.91 ug/L	1473080	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Deltacyclene	118	C9H10	007785-10-6	55
2	Deltacyclene	118	C9H10	007785-10-6	55
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	55
4	Indane	118	C9H10	000496-11-7	55
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
Data File : VU059716.D
Acq On : 02 Jul 2024 04:04
Operator : MD/SY
Sample : P3121-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

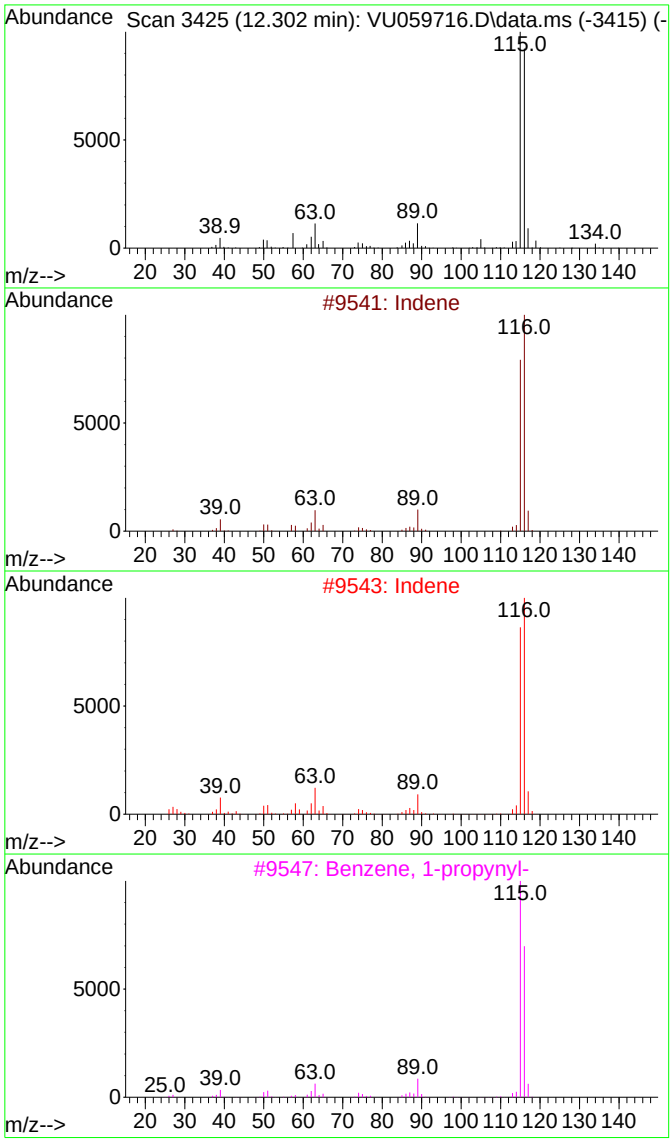
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

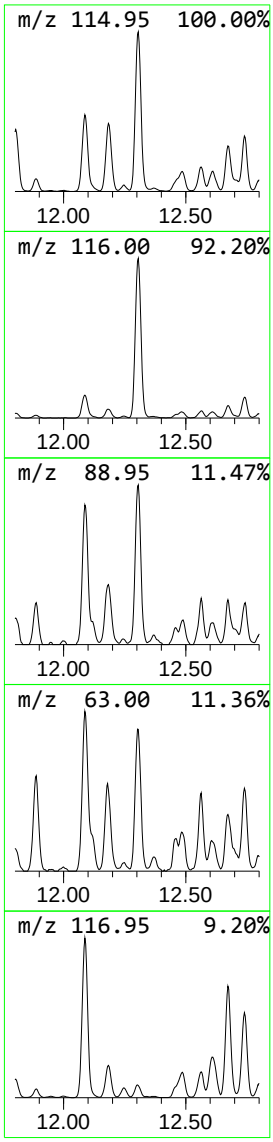
****

Peak Number 12 Indene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.302	3.59 ug/L	533822	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Indene	116	C9H8	000095-13-6	95
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
Data File : VU059716.D
Acq On : 02 Jul 2024 04:04
Operator : MD/SY
Sample : P3121-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

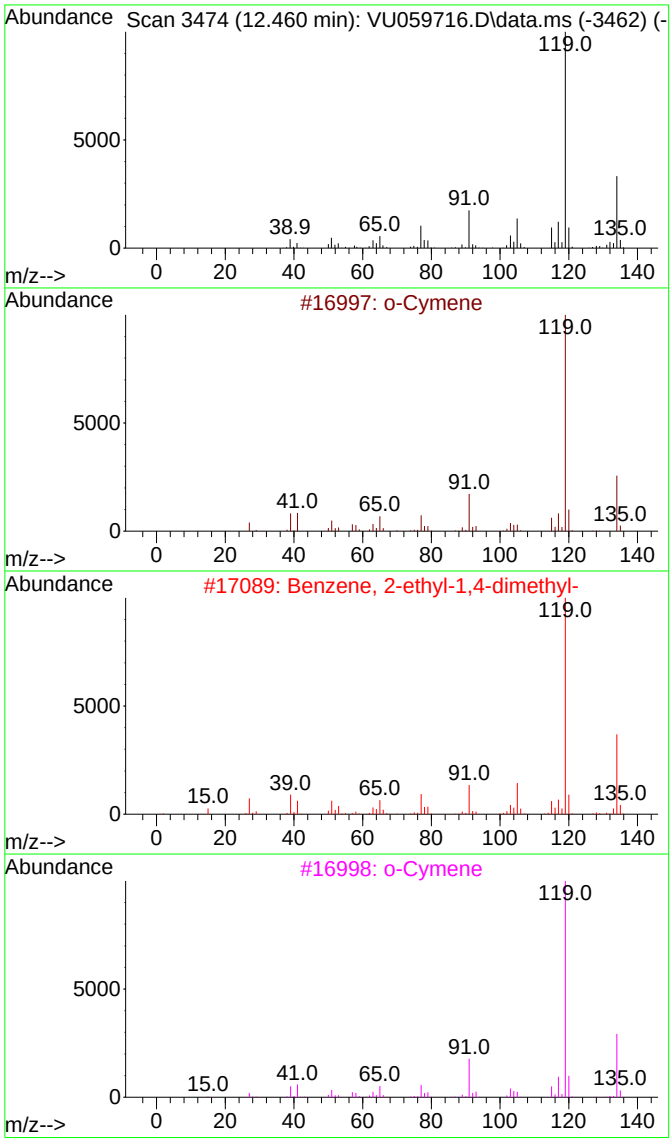
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

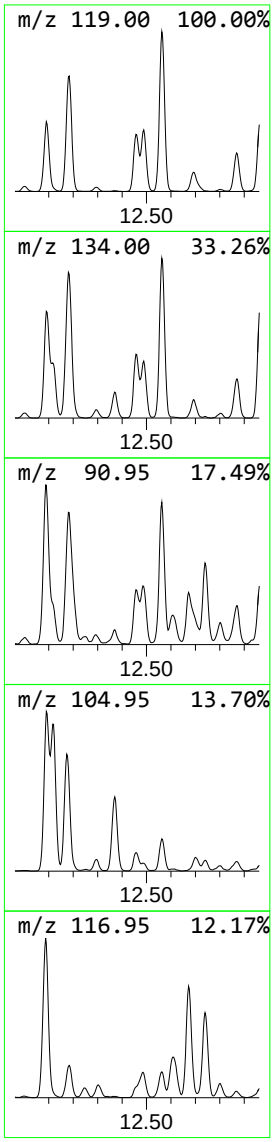
****

Peak Number 14 o-Cymene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.460	2.44 ug/L	362223	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
Data File : VU059716.D
Acq On : 02 Jul 2024 04:04
Operator : MD/SY
Sample : P3121-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM0

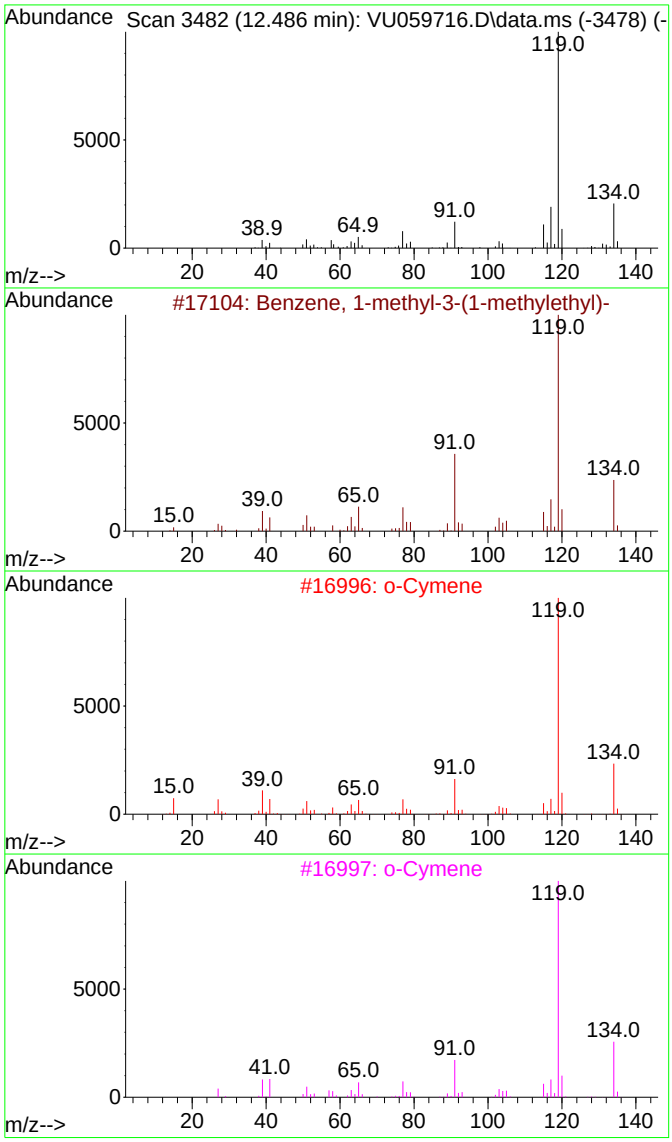
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

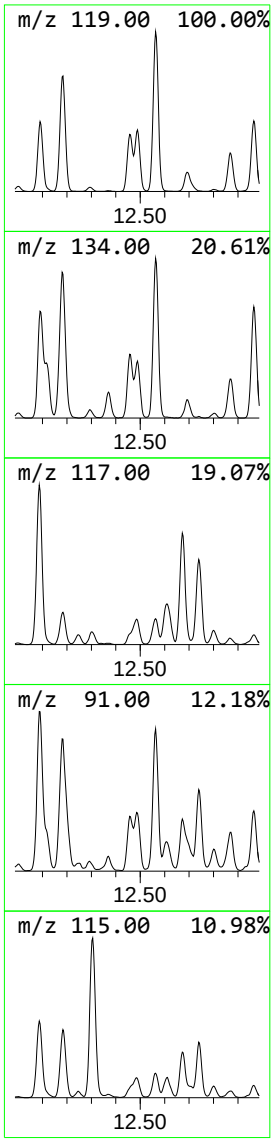
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1-methyl-3-(1-meth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.486	2.46 ug/L	365626	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	86
2	o-Cymene	134	C10H14	000527-84-4	81
3	o-Cymene	134	C10H14	000527-84-4	81
4	p-Cymene	134	C10H14	000099-87-6	81
5	o-Cymene	134	C10H14	000527-84-4	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
Data File : VU059716.D
Acq On : 02 Jul 2024 04:04
Operator : MD/SY
Sample : P3121-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM0

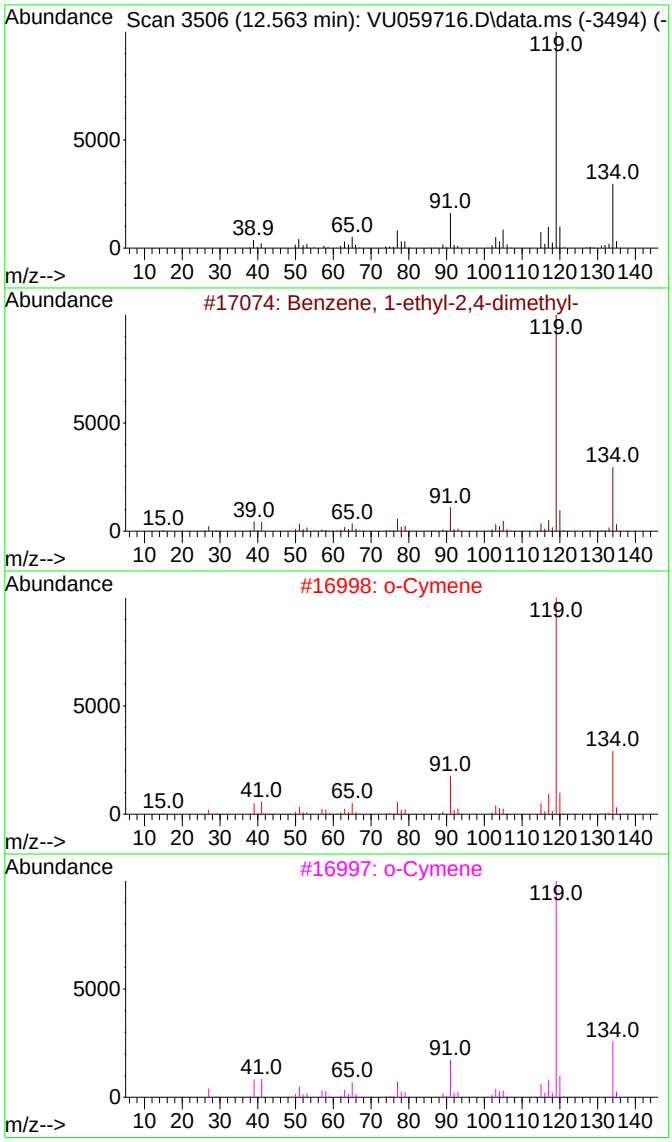
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

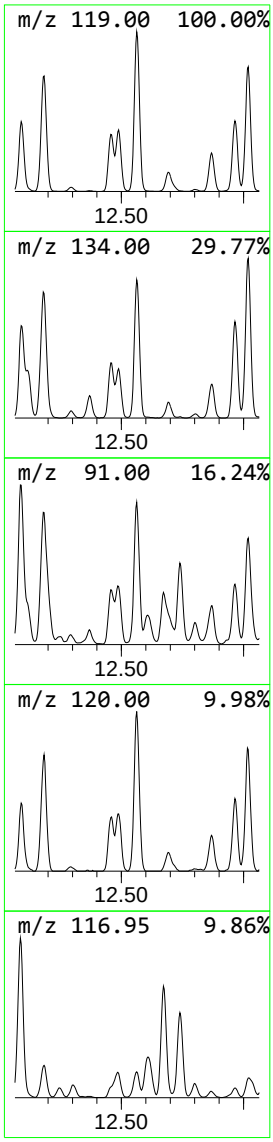
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.563	5.75 ug/L	855349	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	o-Cymene	134	C10H14	000527-84-4	97
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
Data File : VU059716.D
Acq On : 02 Jul 2024 04:04
Operator : MD/SY
Sample : P3121-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM0

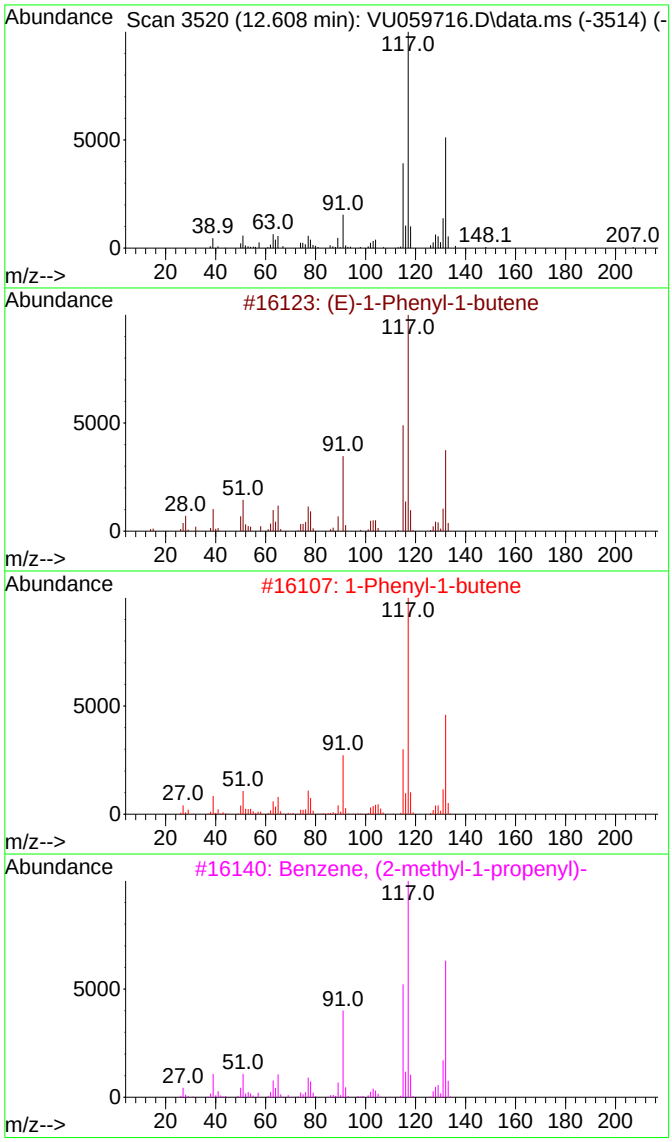
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

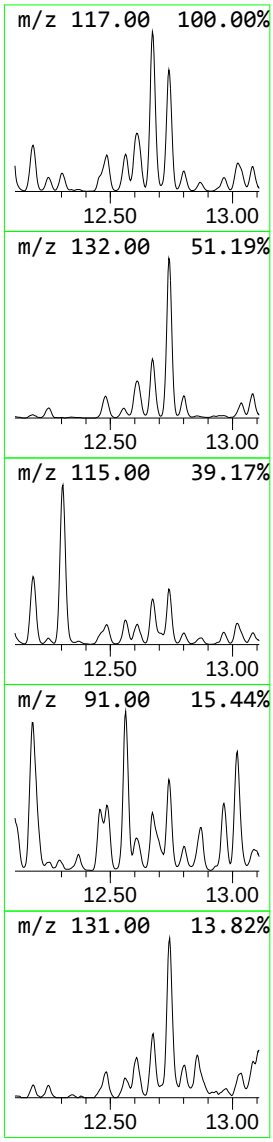
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (E)-1-Phenyl-1-butene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.608	1.53 ug/L	227380	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	96
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	94
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	91
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	91
5	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
Data File : VU059716.D
Acq On : 02 Jul 2024 04:04
Operator : MD/SY
Sample : P3121-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

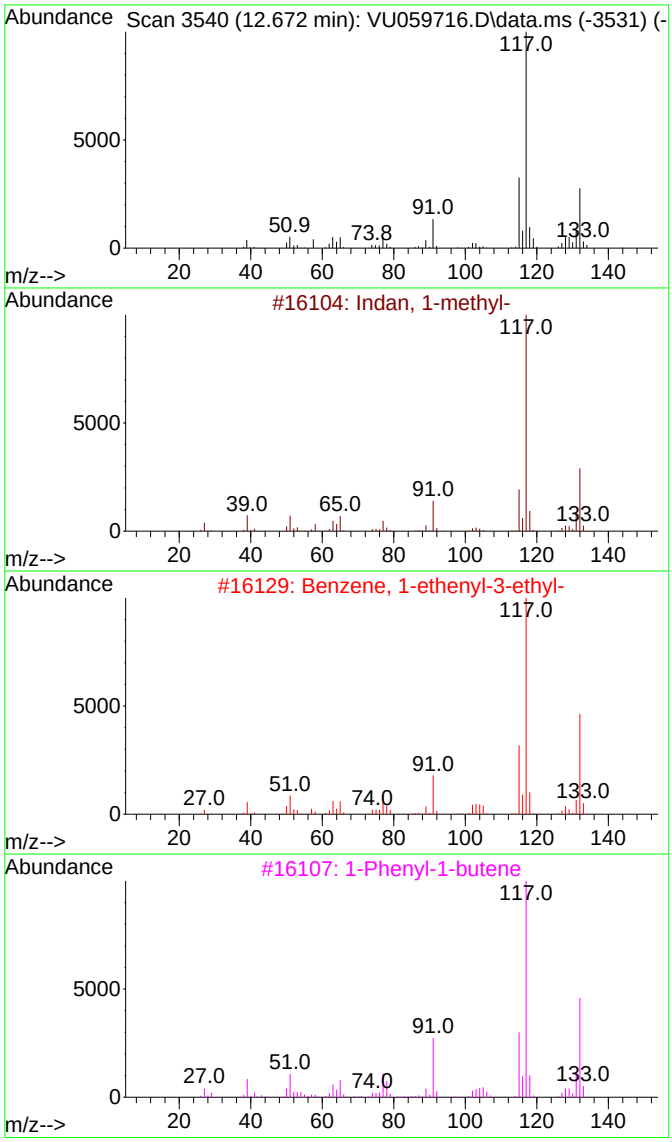
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

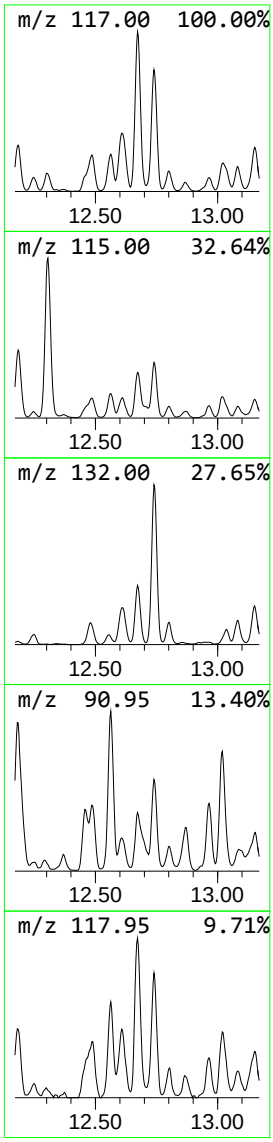
****

Peak Number 18 Indan, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.672	3.90 ug/L	580220	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	87
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	86
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	83
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	80
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
Data File : VU059716.D
Acq On : 02 Jul 2024 04:04
Operator : MD/SY
Sample : P3121-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM0

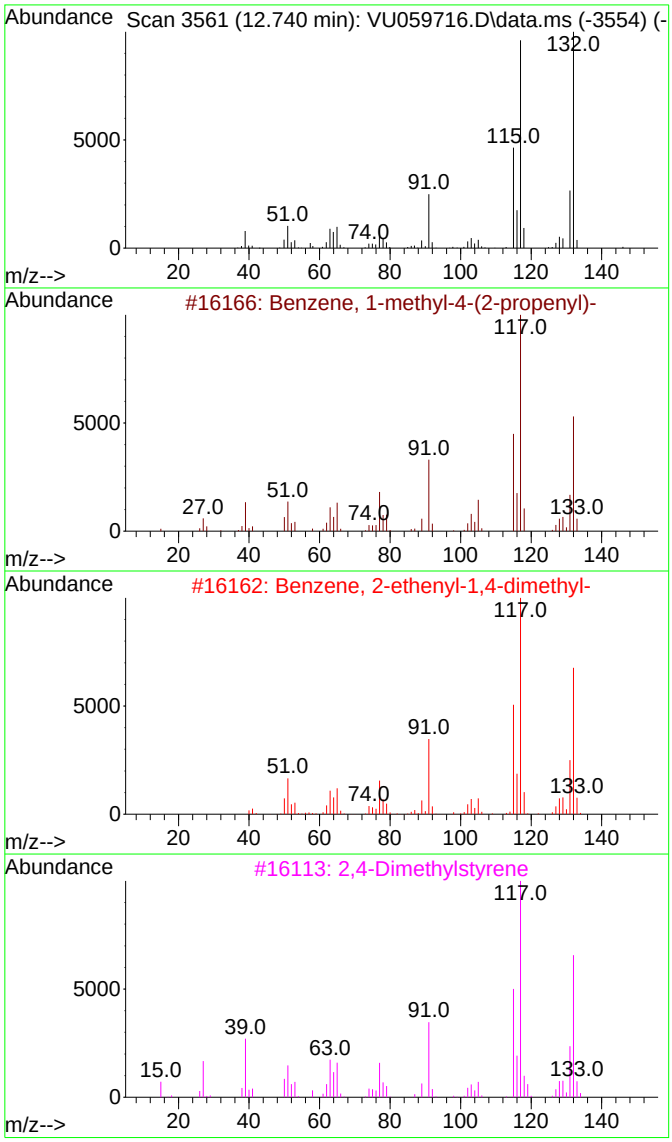
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

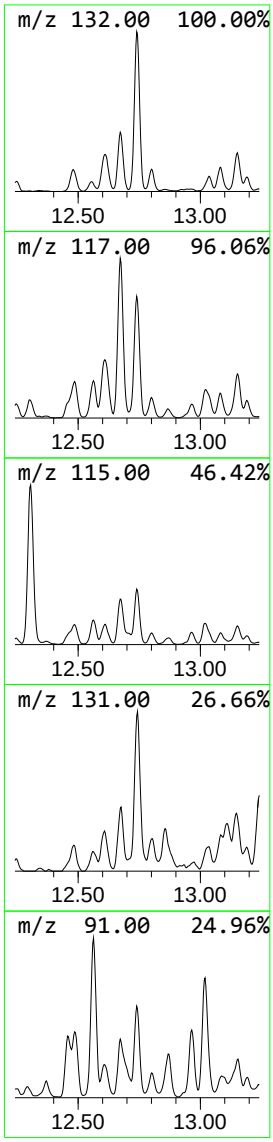
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 1-methyl-4-(2-prop... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.740	3.70 ug/L	549678	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	94
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	94
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	94
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	91
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	91





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Data File : VU059716.D
Acq On : 02 Jul 2024 04:04
Operator : MD/SY
Sample : P3121-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM0

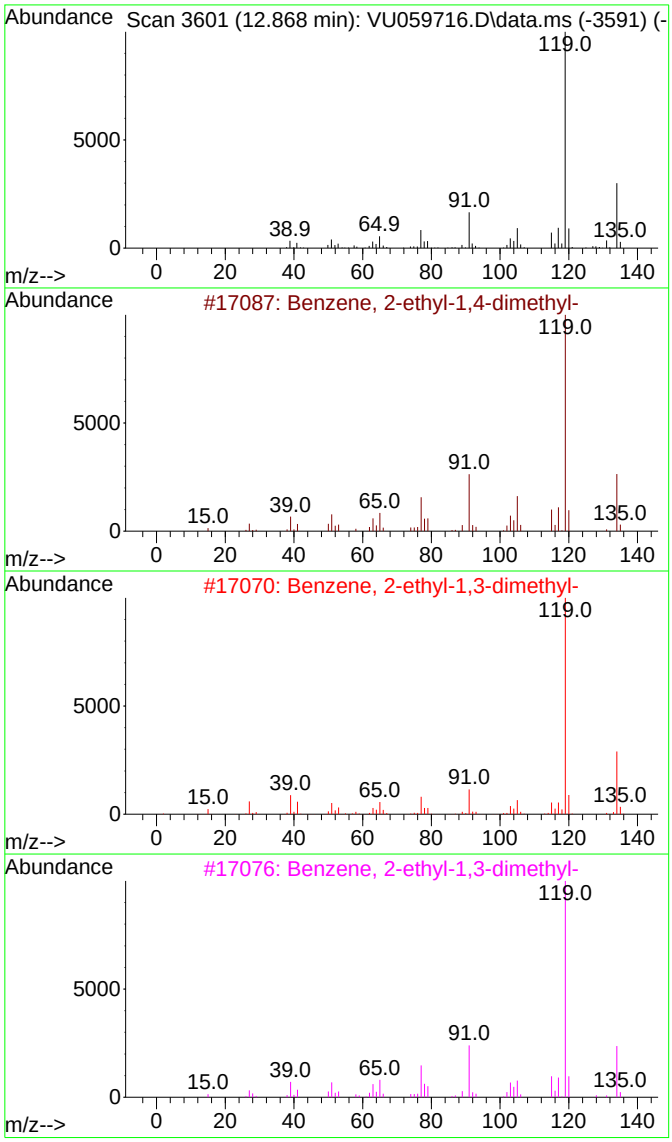
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

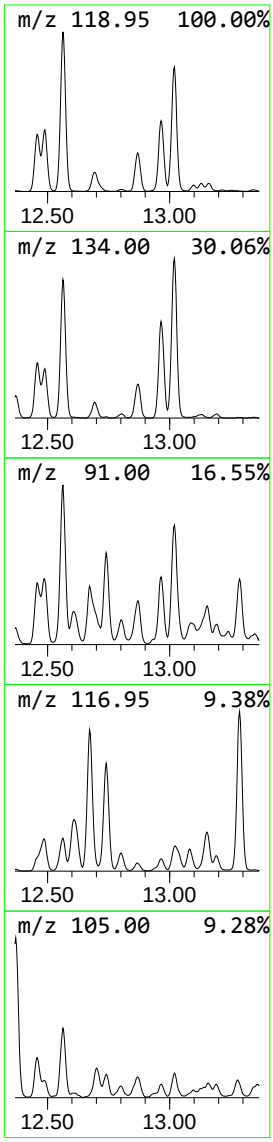
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.868	1.73 ug/L	256804	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
Data File : VU059716.D
Acq On : 02 Jul 2024 04:04
Operator : MD/SY
Sample : P3121-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM0

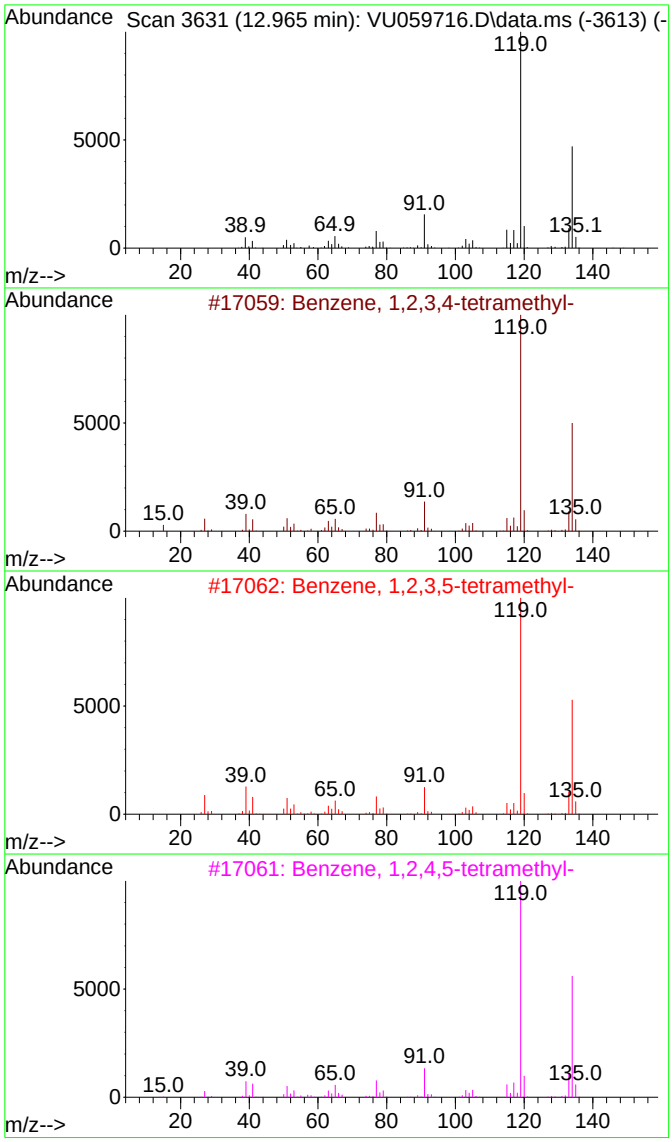
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

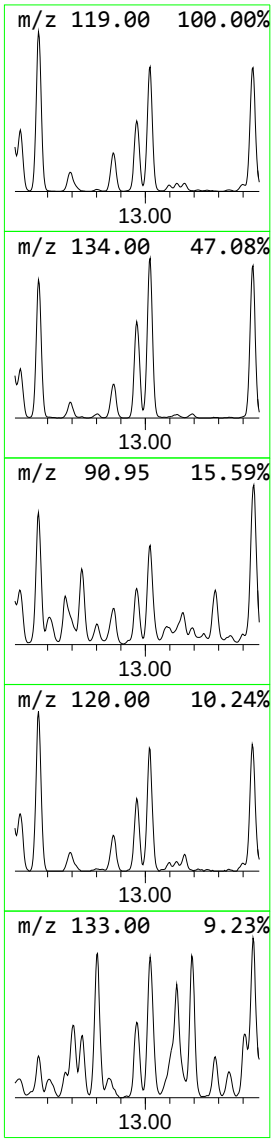
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.965	2.90 ug/L	431719	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
Data File : VU059716.D
Acq On : 02 Jul 2024 04:04
Operator : MD/SY
Sample : P3121-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM0

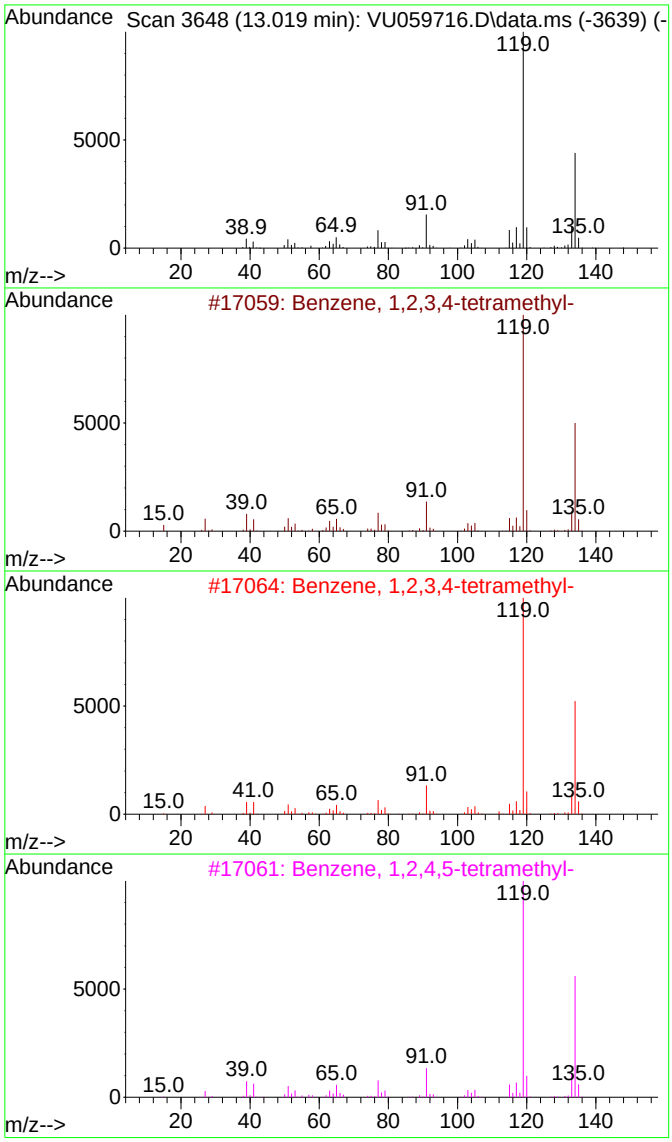
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

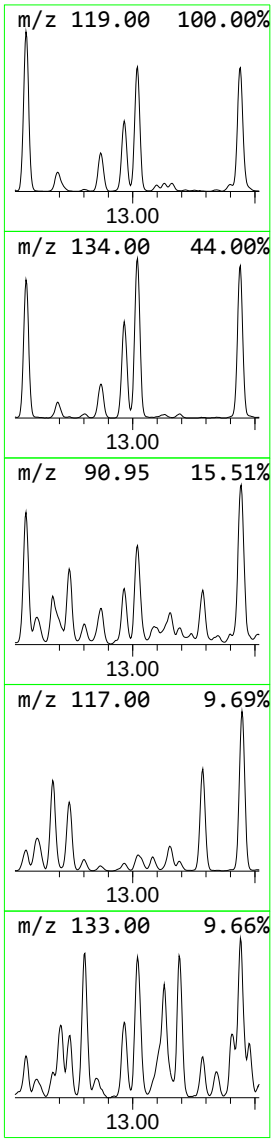
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.019	4.93 ug/L	733096	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
Data File : VU059716.D
Acq On : 02 Jul 2024 04:04
Operator : MD/SY
Sample : P3121-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

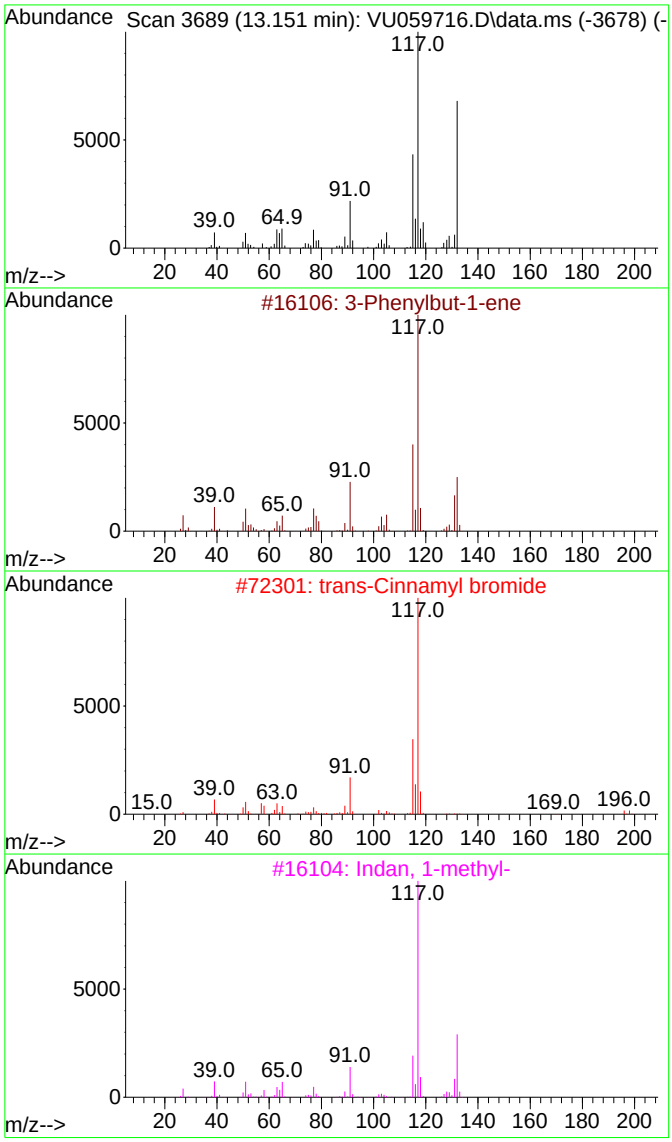
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

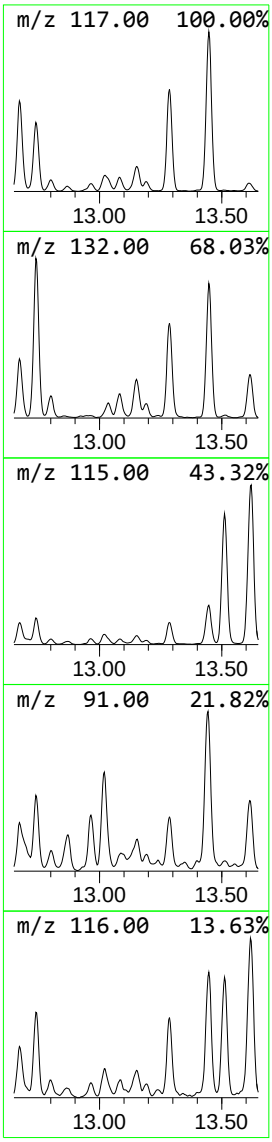
****

Peak Number 25 3-Phenylbut-1-ene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.151	1.84 ug/L	272917	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	53
2	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	50
3	Indan, 1-methyl-	132	C10H12	000767-58-8	38
4	Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	38
5	3-Phenyl-1-propanol, acetate	178	C11H14O2	000122-72-5	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
Data File : VU059716.D
Acq On : 02 Jul 2024 04:04
Operator : MD/SY
Sample : P3121-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM0

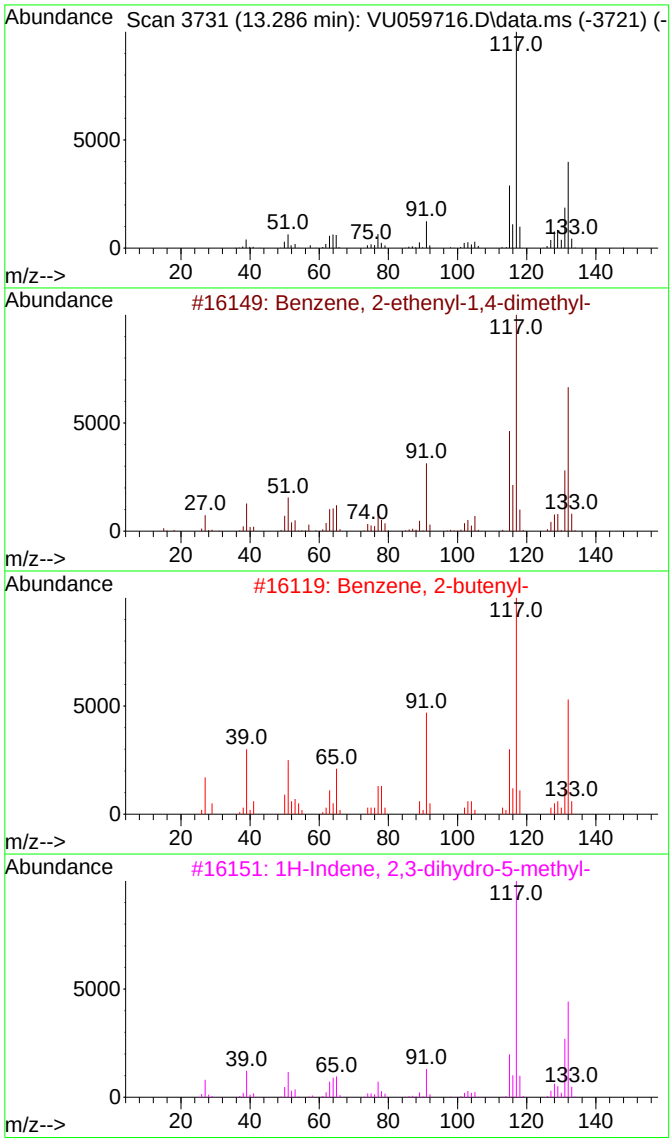
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

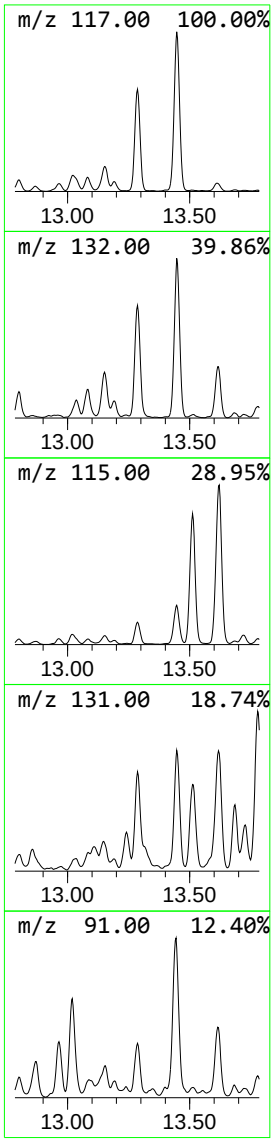
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.286	3.45 ug/L	512853	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	91
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90





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Data File : VU059716.D
Acq On : 02 Jul 2024 04:04
Operator : MD/SY
Sample : P3121-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

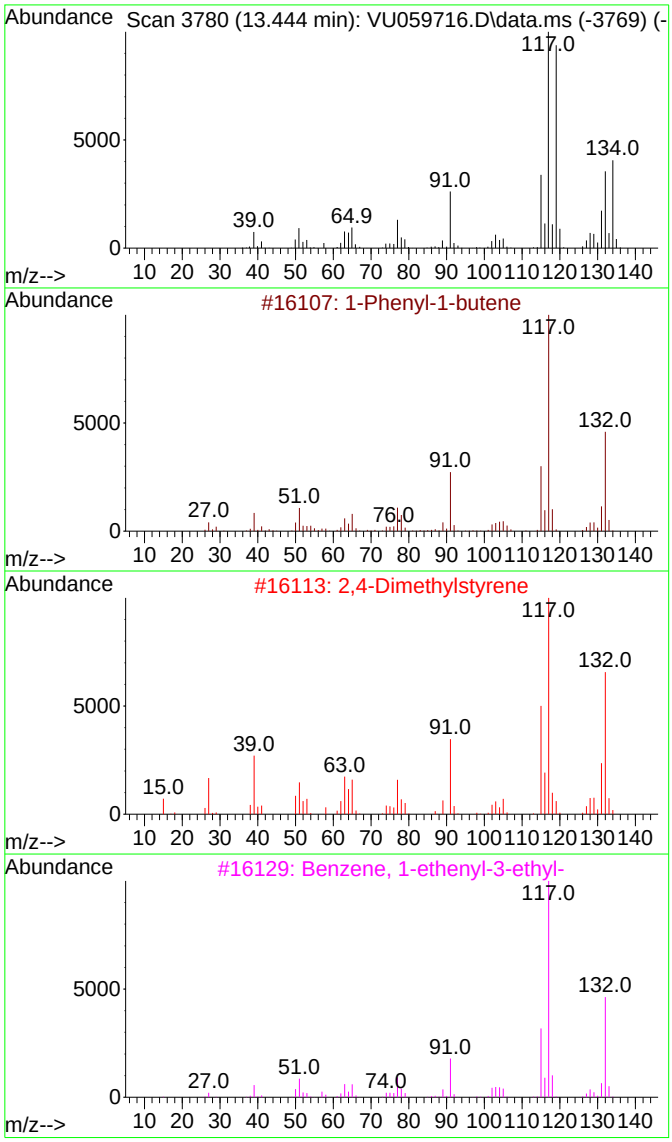
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

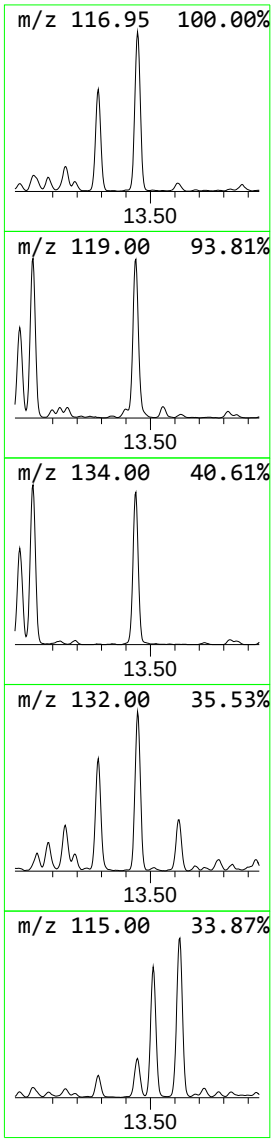
****

Peak Number 28 1-Phenyl-1-butene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.444	9.80 ug/L	1456910	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	95
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	93
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	86
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	86
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	84





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
Data File : VU059716.D
Acq On : 02 Jul 2024 04:04
Operator : MD/SY
Sample : P3121-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM0

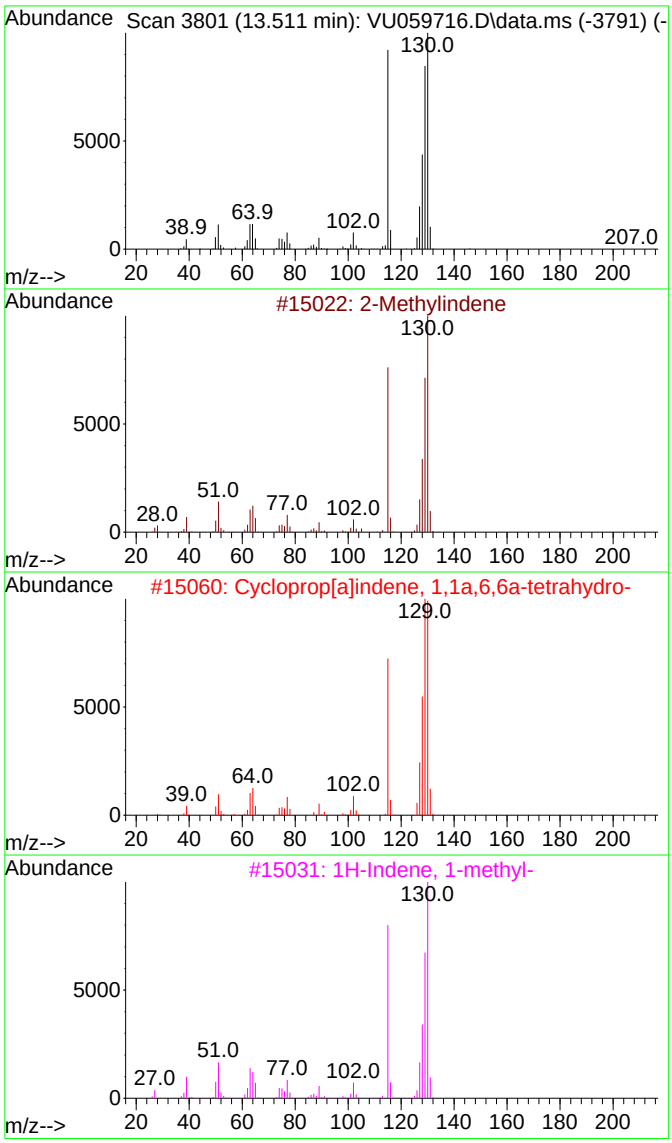
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

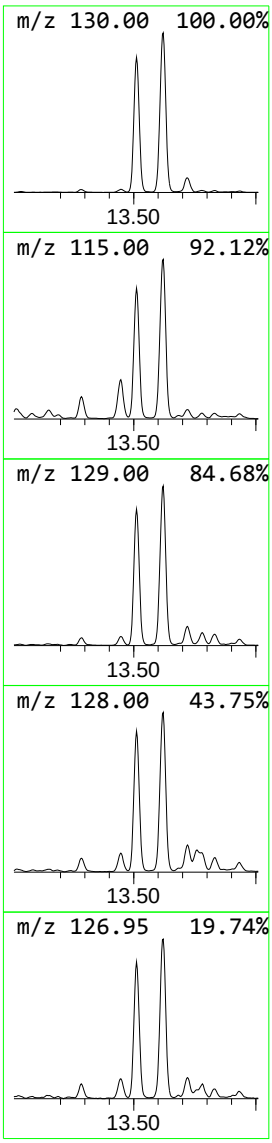
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 2-Methylindene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.511	9.98 ug/L	1483400	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	96
2	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
4	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93
5	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
Data File : VU059716.D
Acq On : 02 Jul 2024 04:04
Operator : MD/SY
Sample : P3121-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM0

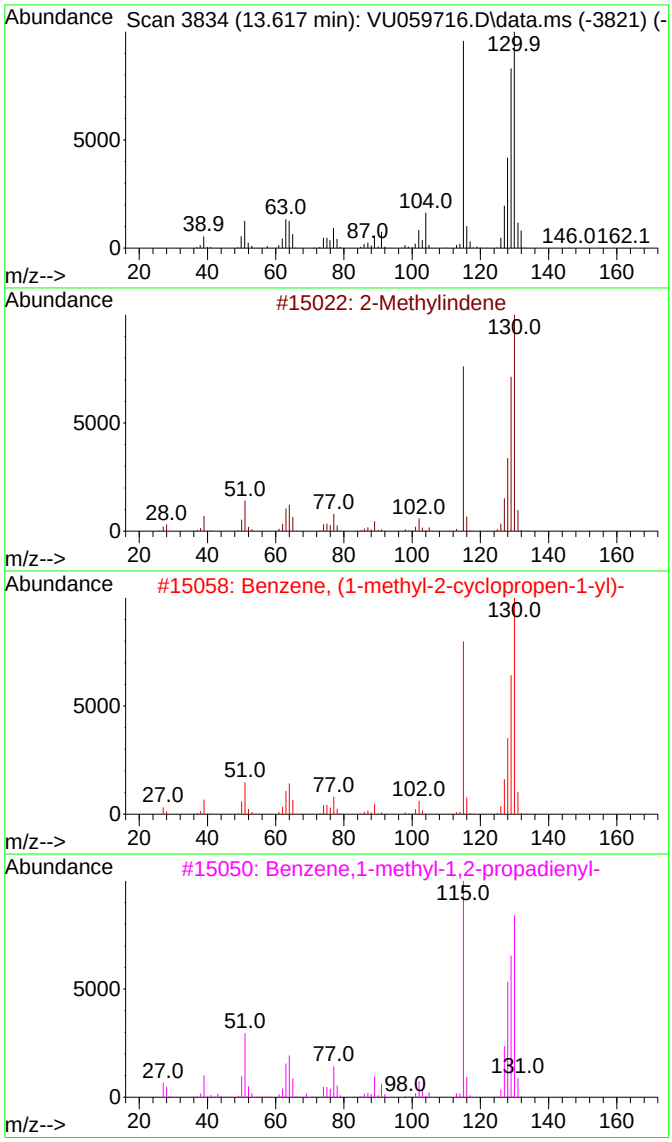
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

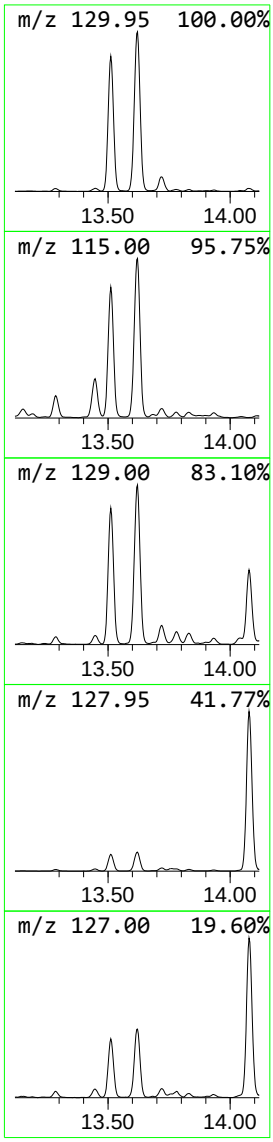
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Benzene, (1-methyl-2-cyclop... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.618	14.09 ug/L	2095190	1,4-Dichlorobenzene-d4	11.804

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	95
3	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
5	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
Data File : VU059716.D
Acq On : 02 Jul 2024 04:04
Operator : MD/SY
Sample : P3121-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM0

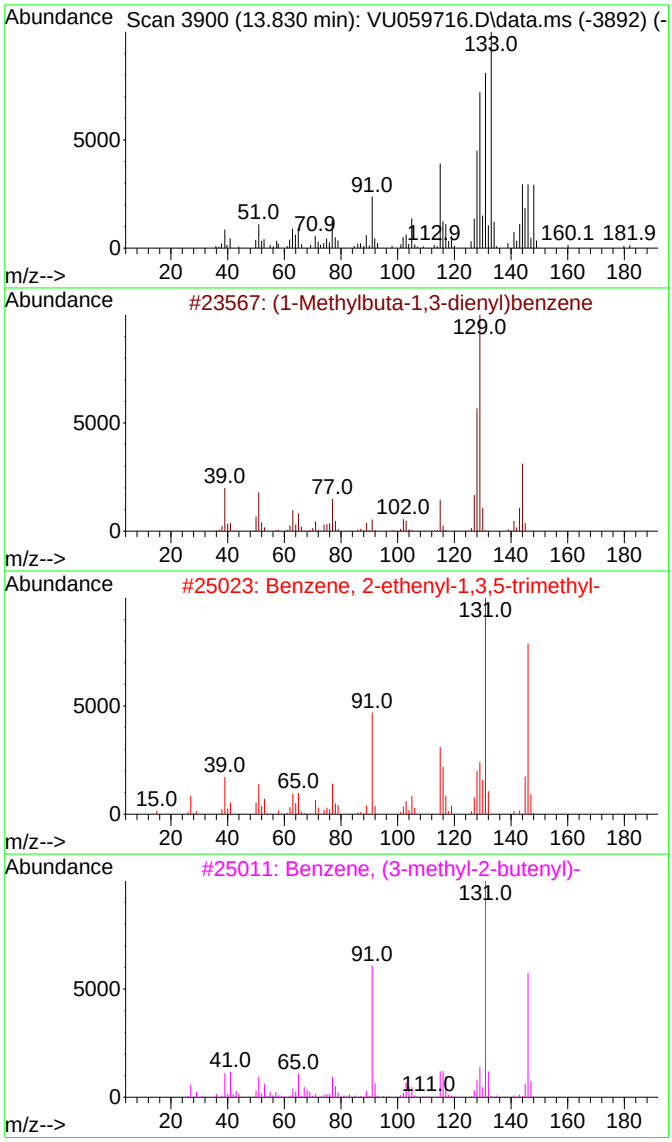
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

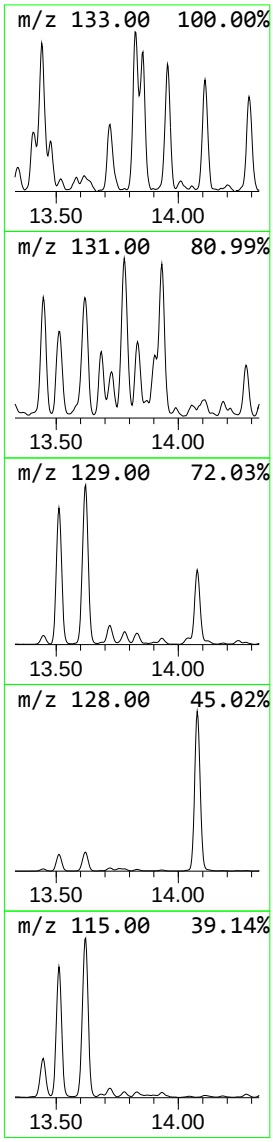
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (1-Methylbuta-1,3-dienyl)be... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.830	1.72 ug/L	255705	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	70
2	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	46
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	38
4	1H-Indene, 1-ethenyl-2,3-dihydro-	144	C11H12	051783-46-1	38
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
Data File : VU059716.D
Acq On : 02 Jul 2024 04:04
Operator : MD/SY
Sample : P3121-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM0

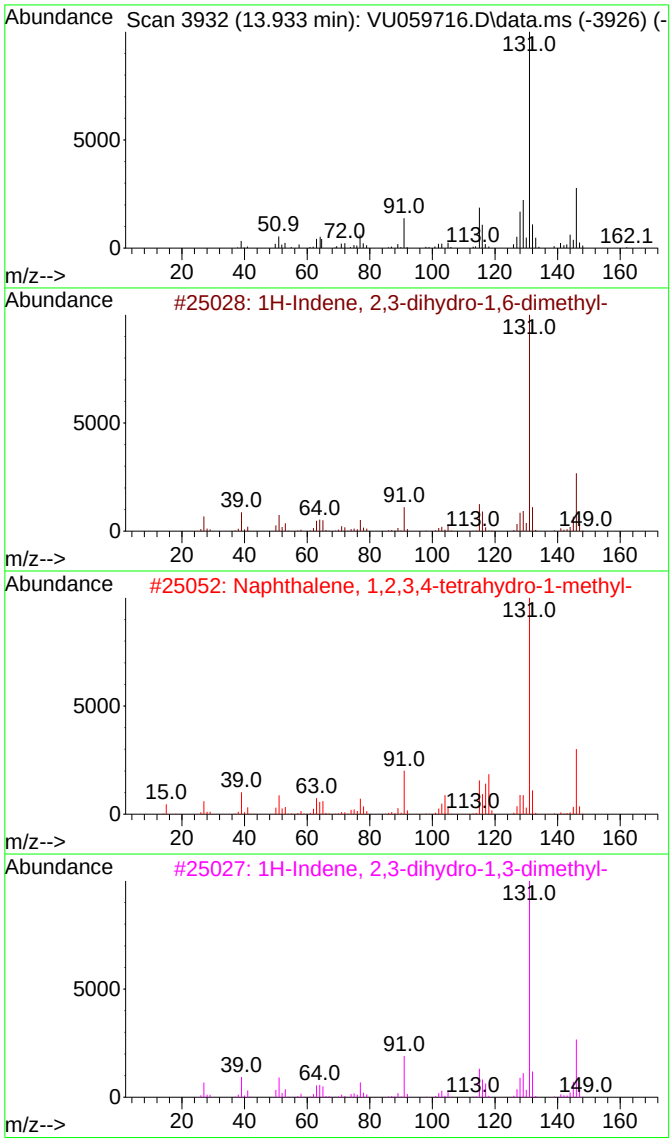
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

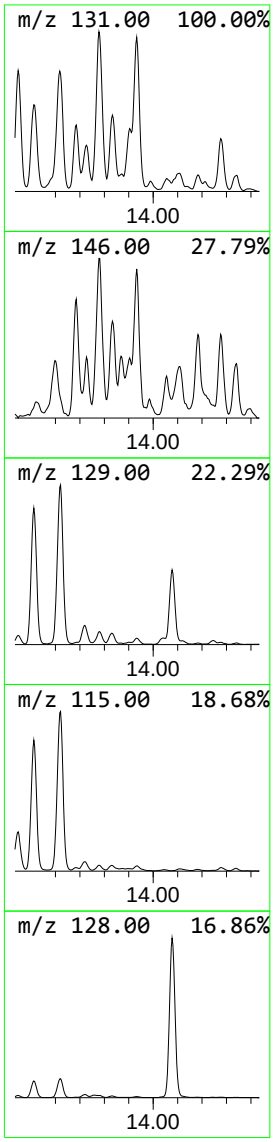
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.933	1.46 ug/L	216845	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	83
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	83
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	83
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
Data File : VU059716.D
Acq On : 02 Jul 2024 04:04
Operator : MD/SY
Sample : P3121-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

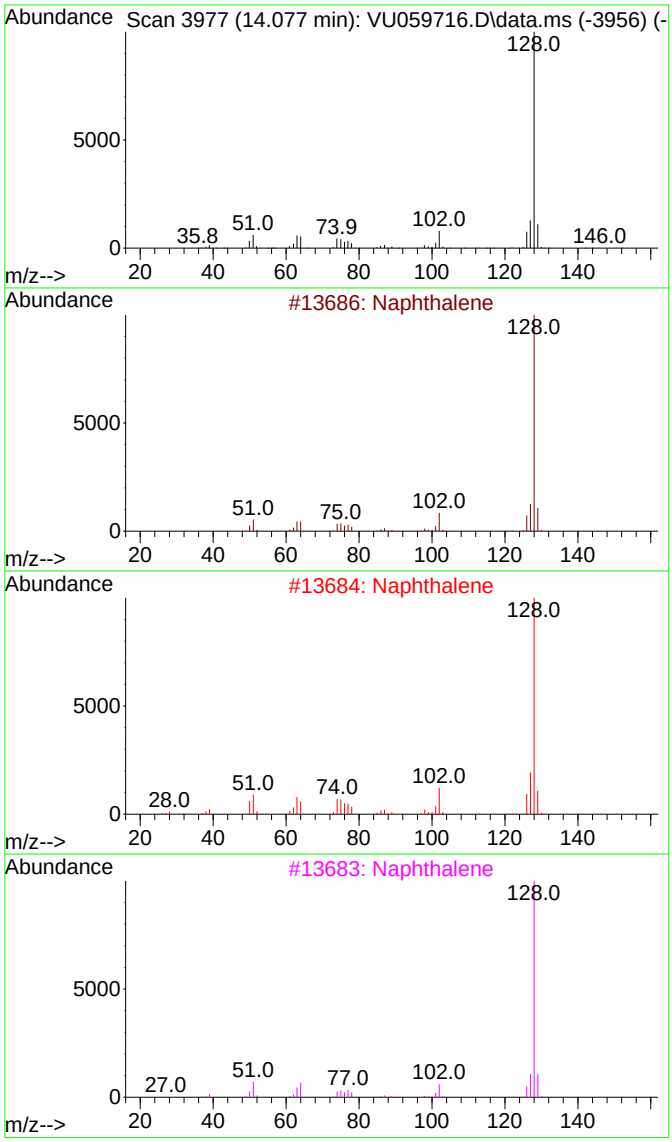
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

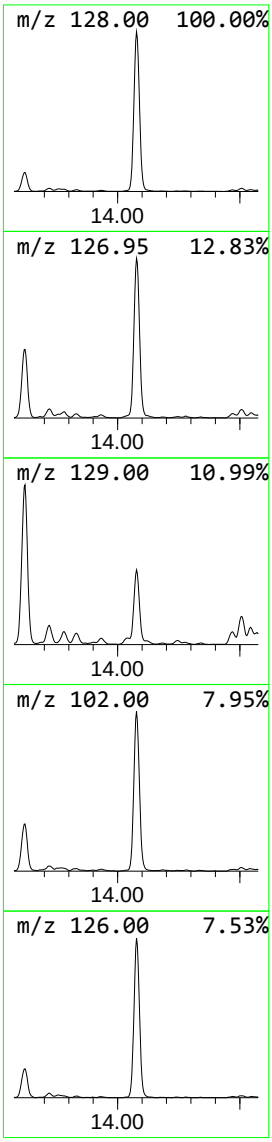
****

Peak Number 35 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.077	18.50 ug/L	2750650	1,4-Dichlorobenzene-d4	11.804

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	Naphthalene	128	C10H8	000091-20-3	93
4	Azulene	128	C10H8	000275-51-4	91
5	Azulene	128	C10H8	000275-51-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
Data File : VU059716.D
Acq On : 02 Jul 2024 04:04
Operator : MD/SY
Sample : P3121-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM0

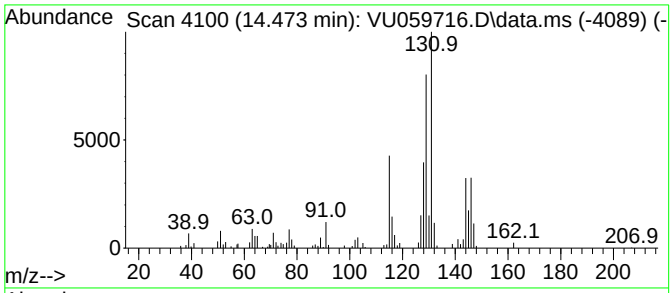
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

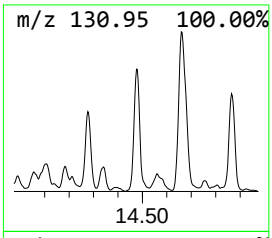
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

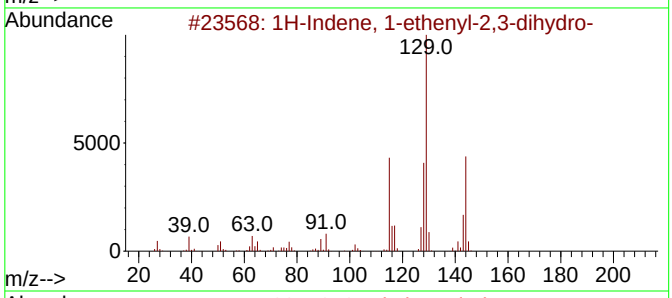
****
Peak Number 38 1H-Indene, 1-ethenyl-2,3-di... Concentration Rank 31

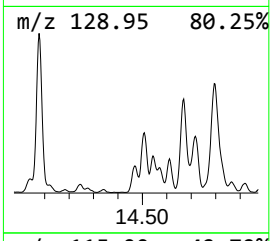
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.473	1.20 ug/L	177838	1,4-Dichlorobenzene-d4	11.804

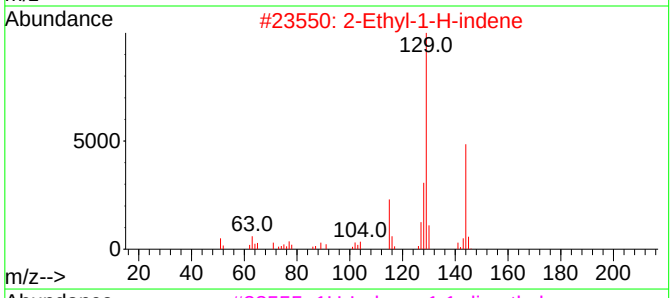
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-ethenyl-2,3-dihydro-	144	C11H12	051783-46-1	53
2	2-Ethyl-1-H-indene	144	C11H12	017059-50-6	46
3	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	45
4	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	45
5	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	45

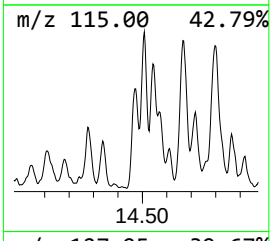


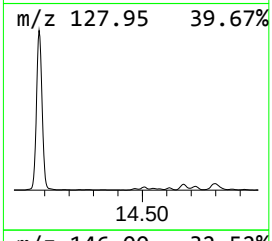


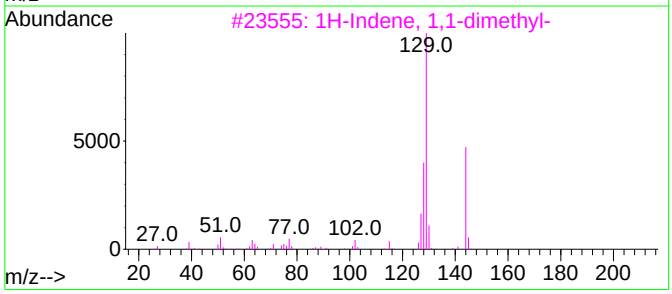


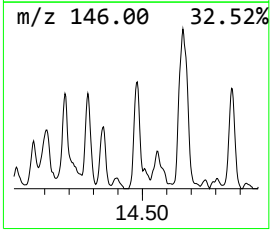












Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
Data File : VU059716.D
Acq On : 02 Jul 2024 04:04
Operator : MD/SY
Sample : P3121-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM0

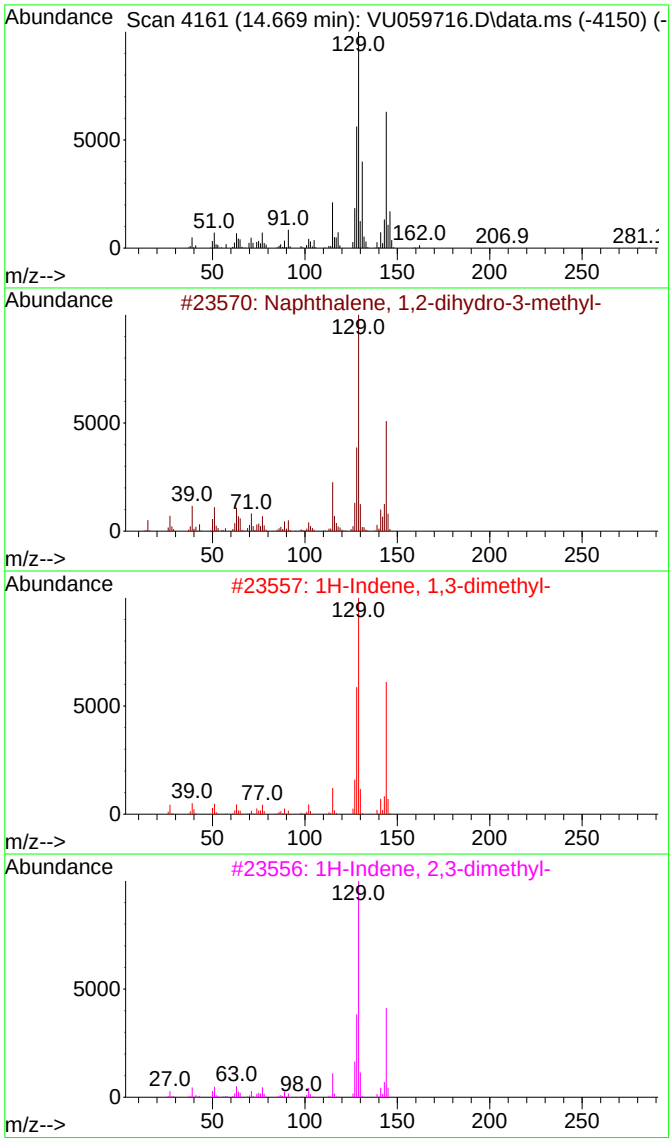
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

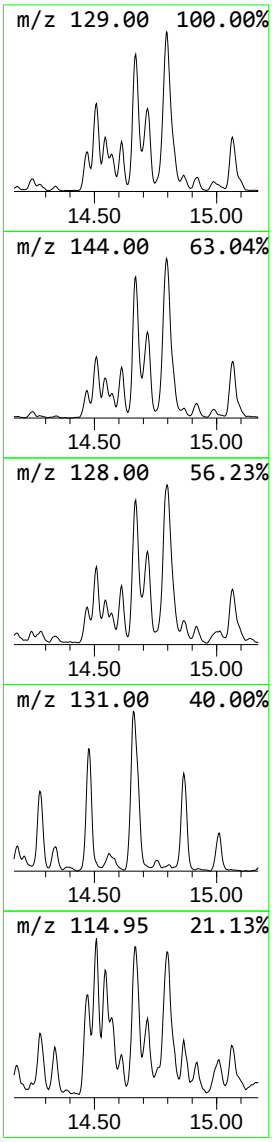
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 Naphthalene, 1,2-dihydro-3-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.669	3.42 ug/L	508569	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-3-methyl-	144	C11H12	002717-44-4	93
2	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	93
3	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	90
4	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	89
5	Naphthalene, 1,2-dihydro-6-methyl-	144	C11H12	002717-47-7	89





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
Data File : VU059716.D
Acq On : 02 Jul 2024 04:04
Operator : MD/SY
Sample : P3121-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM0

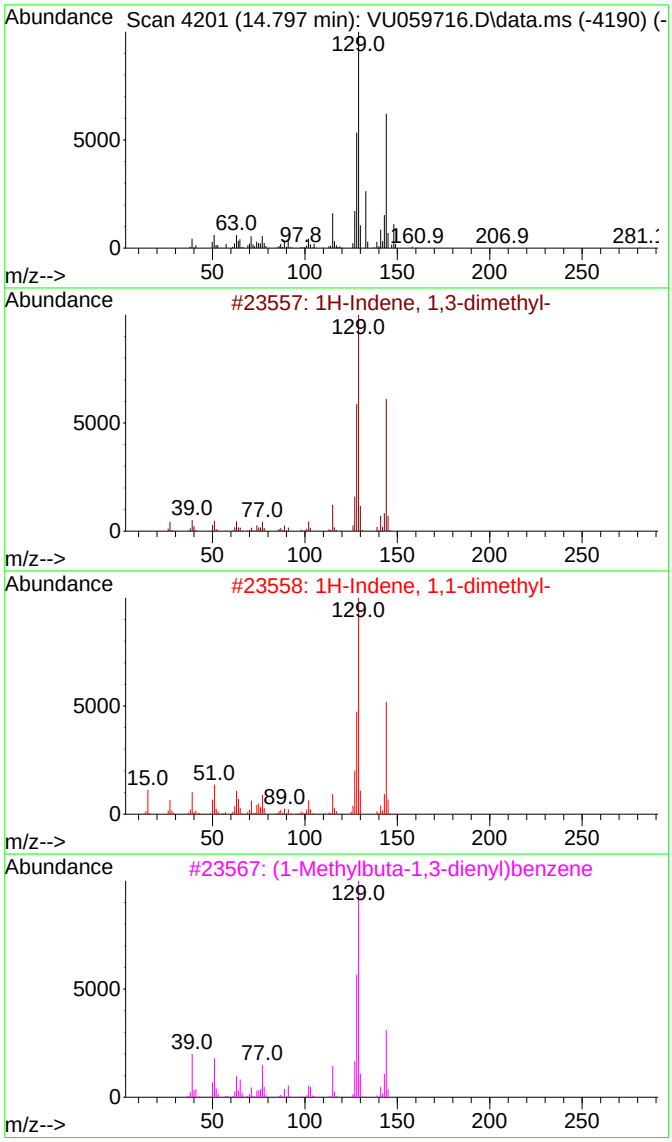
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

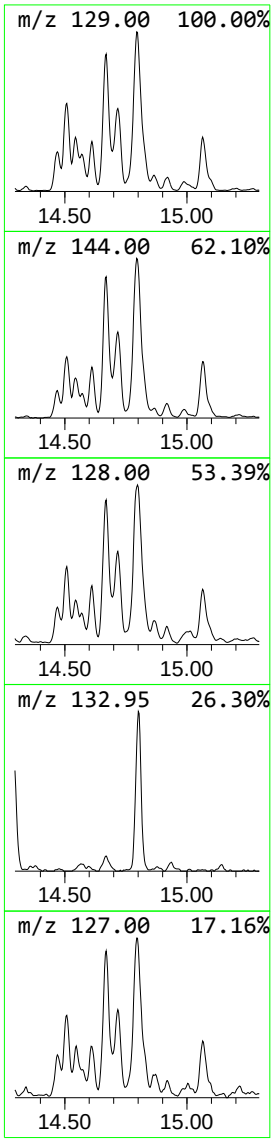
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 1H-Indene, 1,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.797	3.56 ug/L	529974	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	96
2	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	87
3	(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	87
4	(1-Methylenebut-2-enyl)benzene	144	C11H12	070588-46-4	87
5	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
Data File : VU059716.D
Acq On : 02 Jul 2024 04:04
Operator : MD/SY
Sample : P3121-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM0

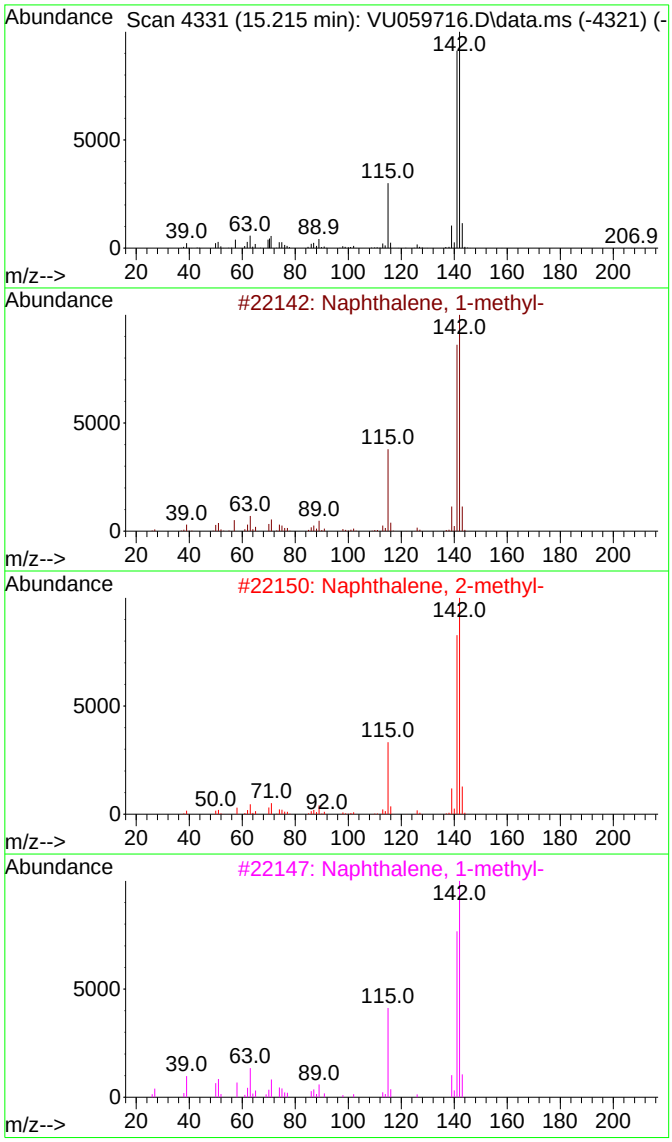
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

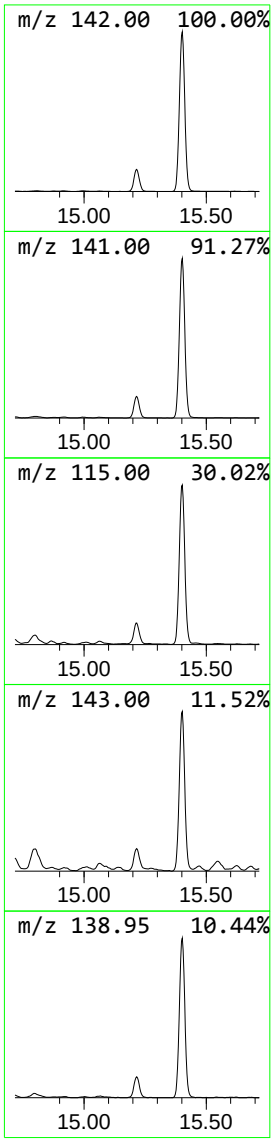
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 Naphthalene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.216	2.71 ug/L	402749	1,4-Dichlorobenzene-d4	11.804

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
Data File : VU059716.D
Acq On : 02 Jul 2024 04:04
Operator : MD/SY
Sample : P3121-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM0

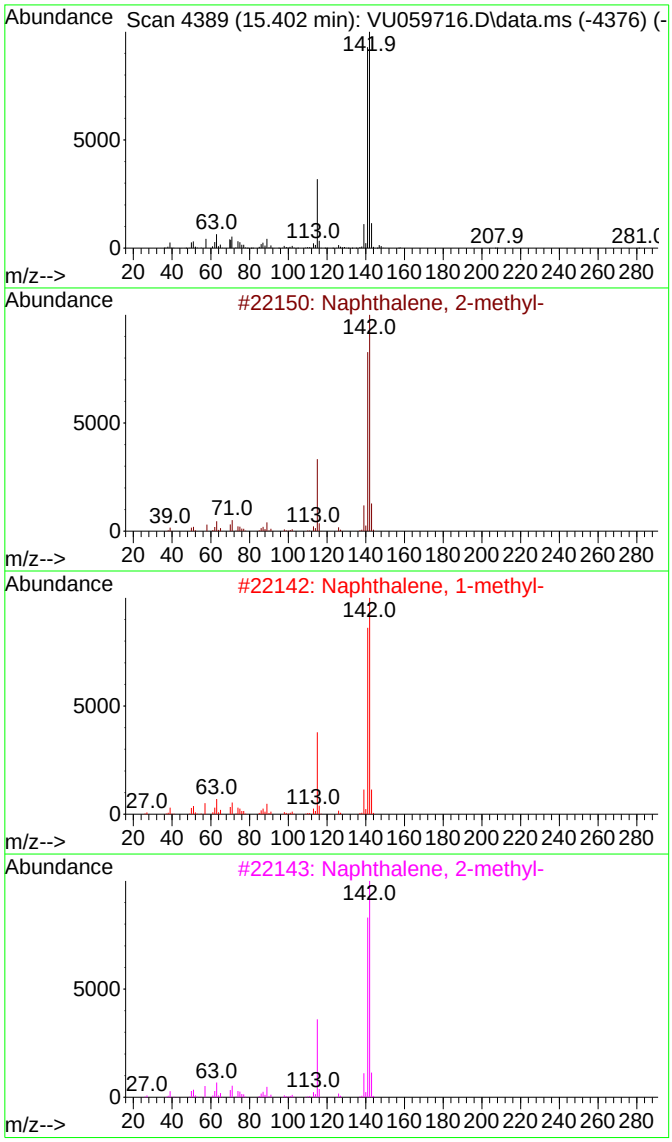
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

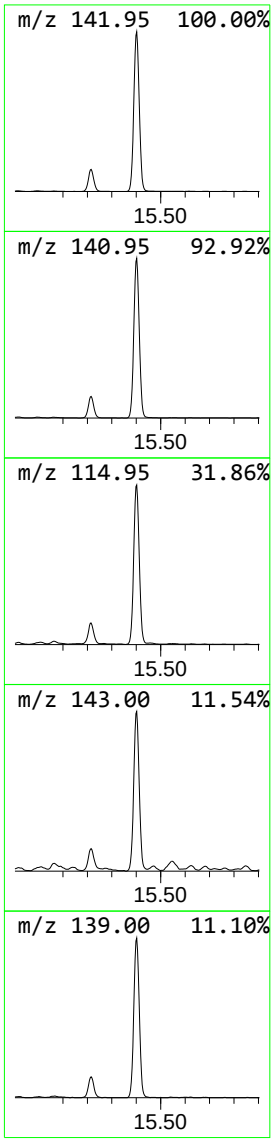
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 Naphthalene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.402	21.52 ug/L	3199360	1,4-Dichlorobenzene-d4	11.804

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
Data File : VU059716.D
Acq On : 02 Jul 2024 04:04
Operator : MD/SY
Sample : P3121-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM0

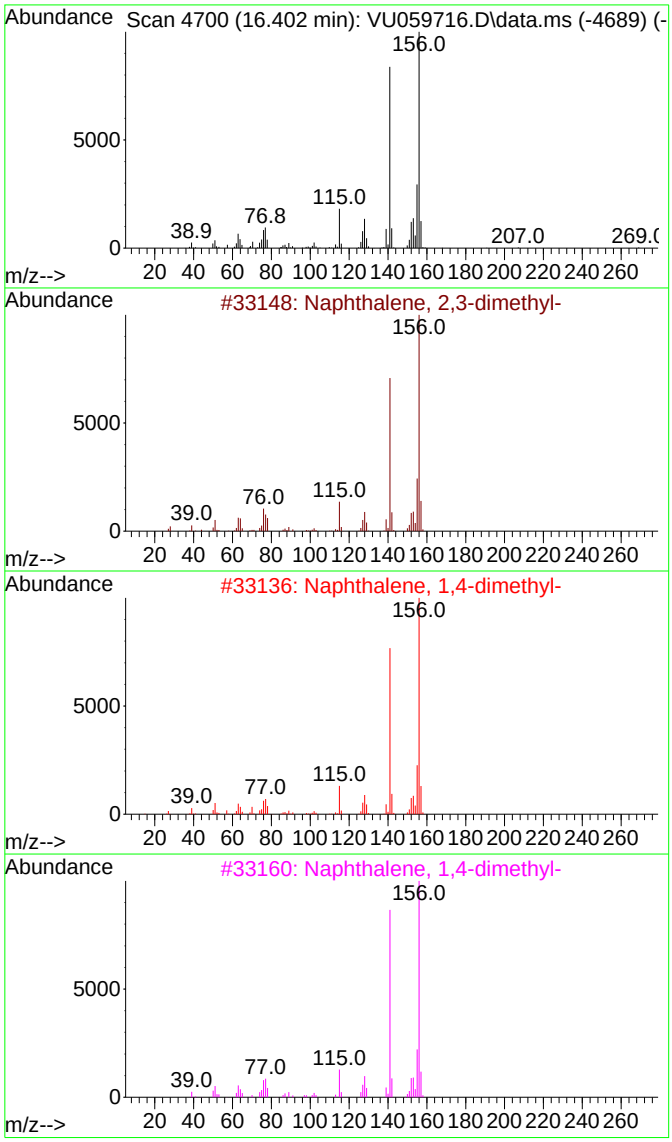
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

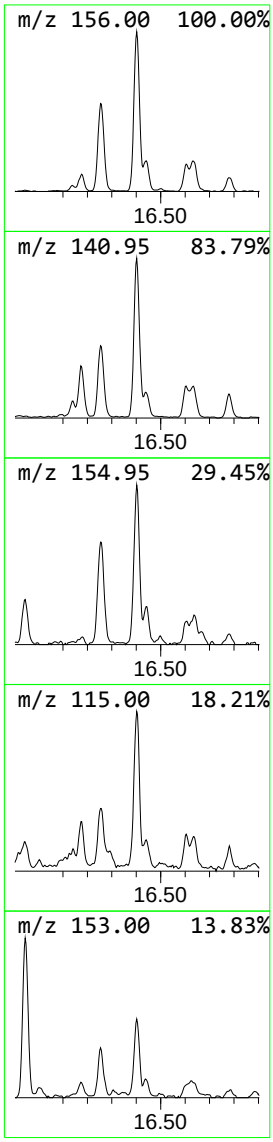
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 Naphthalene, 2,3-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.402	1.83 ug/L	272535	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
Data File : VU059716.D
Acq On : 02 Jul 2024 04:04
Operator : MD/SY
Sample : P3121-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.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	0.7	ug/L	67124	1	6.242	470831	5.0
(DEL) Alkane: S...	3.354	0.5	ug/L	49521	1	6.242	470831	5.0
(DEL) Alkane: C...	4.521	0.8	ug/L	75174	1	6.242	470831	5.0
Benzene, 1-ethy...	11.016	8.3	ug/L	1240140	3	11.804	743435	5.0
Benzene, 1-ethy...	11.283	3.7	ug/L	549993	3	11.804	743435	5.0
Benzene, 1-ethe...	11.534	2.2	ug/L	322606	3	11.804	743435	5.0
p-Cymene	11.736	1.7	ug/L	254026	3	11.804	743435	5.0
Benzene, 1,2,3-...	11.888	5.7	ug/L	853859	3	11.804	743435	5.0
Benzene, cyclop...	12.090	9.9	ug/L	1473080	3	11.804	743435	5.0
Indene	12.302	3.6	ug/L	533822	3	11.804	743435	5.0
o-Cymene	12.460	2.4	ug/L	362223	3	11.804	743435	5.0
Benzene, 1-meth...	12.486	2.5	ug/L	365626	3	11.804	743435	5.0
Benzene, 1-ethy...	12.563	5.8	ug/L	855349	3	11.804	743435	5.0
(E)-1-Phenyl-1-...	12.608	1.5	ug/L	227380	3	11.804	743435	5.0
Indan, 1-methyl-	12.672	3.9	ug/L	580220	3	11.804	743435	5.0
Benzene, 1-meth...	12.740	3.7	ug/L	549678	3	11.804	743435	5.0
Benzene, 2-ethy...	12.868	1.7	ug/L	256804	3	11.804	743435	5.0
Benzene, 1,2,3,...	12.965	2.9	ug/L	431719	3	11.804	743435	5.0
Benzene, 1,2,4,...	13.019	4.9	ug/L	733096	3	11.804	743435	5.0
3-Phenylbut-1-ene	13.151	1.8	ug/L	272917	3	11.804	743435	5.0
Benzene, 2-ethe...	13.286	3.5	ug/L	512853	3	11.804	743435	5.0
1-Phenyl-1-butene	13.444	9.8	ug/L	1456910	3	11.804	743435	5.0
2-Methylindene	13.511	10.0	ug/L	1483400	3	11.804	743435	5.0
Benzene, (1-met...	13.618	14.1	ug/L	2095190	3	11.804	743435	5.0
(1-Methylbuta-1...	13.830	1.7	ug/L	255705	3	11.804	743435	5.0
1H-Indene, 2,3-...	13.933	1.5	ug/L	216845	3	11.804	743435	5.0
Azulene	14.077	18.5	ug/L	2750650	3	11.804	743435	5.0
1H-Indene, 1-et...	14.473	1.2	ug/L	177838	3	11.804	743435	5.0
Naphthalene, 1,...	14.669	3.4	ug/L	508569	3	11.804	743435	5.0
1H-Indene, 1,3-...	14.797	3.6	ug/L	529974	3	11.804	743435	5.0
Naphthalene, 1-...	15.216	2.7	ug/L	402749	3	11.804	743435	5.0
Naphthalene, 2-...	15.402	21.5	ug/L	3199360	3	11.804	743435	5.0
Naphthalene, 2,...	16.402	1.8	ug/L	272535	3	11.804	743435	5.0