LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
Data File : VU061631.D
Acq On : 13 Nov 2024 18:05
Operator : MD/SY
Sample : P4747-10
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCPC9

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\SFAMUTR111324WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU061631.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.490	52	62	77	rBV	148075	154740	6.62%	0.592%
2	1.599	85	96	105	rBV2	213619	244844	10.47%	0.937%
3	1.907	181	192	207	rBV2	91705	141682	6.06%	0.542%
4	1.991	207	218	237	rVB	469995	647087	27.67%	2.475%
5	2.152	259	268	276	rBV	29009	39817	1.70%	0.152%
6	2.409	341	348	360	rVB2	34080	52819	2.26%	0.202%
7	2.560	382	395	410	rBV	101072	178269	7.62%	0.682%
8	2.637	410	419	441	rVB2	39954	82643	3.53%	0.316%
9	2.840	460	482	509	rBV2	10968	52450	2.24%	0.201%
10	3.014	510	536	561	rVV4	120320	395408	16.91%	1.513%
11	3.129	561	572	597	rVB2	70387	177191	7.58%	0.678%
12	3.354	628	642	662	rVB2	37410	83650	3.58%	0.320%
13	4.161	877	893	908	rBV3	19762	51699	2.21%	0.198%
14	4.242	908	918	937	rVB4	9663	24761	1.06%	0.095%
15	4.425	951	975	990	rBV3	19165	51717	2.21%	0.198%
16	4.522	991	1005	1021	rVB	21445	51359	2.20%	0.196%
17	4.628	1026	1038	1079	rBV2	73791	294544	12.59%	1.127%
18	5.052	1156	1170	1187	rBV	96965	217532	9.30%	0.832%
19	5.377	1258	1271	1282	rBV4	20650	46556	1.99%	0.178%
20	5.451	1283	1294	1317	rVB4	34123	84776	3.63%	0.324%
21	5.718	1358	1377	1383	rBV2	203173	489780	20.94%	1.874%
22	5.763	1384	1391	1409	rVB	344199	697027	29.80%	2.666%
23	5.888	1420	1430	1450	rVB3	70975	165548	7.08%	0.633%
24	6.242	1525	1540	1563	rBV	210499	414638	17.73%	1.586%
25	6.534	1618	1631	1653	rBV	295285	572828	24.49%	2.191%
26	6.682	1664	1677	1695	rBV	121482	244771	10.47%	0.936%
27	7.177	1813	1831	1842	rBV7	8332	25623	1.10%	0.098%
28	7.248	1842	1853	1868	rVB2	12393	25422	1.09%	0.097%
29	7.373	1880	1892	1903	rBV3	11950	23430	1.00%	0.090%
30	7.560	1939	1950	1964	rBV	47552	87262	3.73%	0.334%
31	7.891	2041	2053	2071	rBV	238860	426125	18.22%	1.630%
32	8.174	2129	2141	2156	rBV3	26544	48294	2.07%	0.185%
33	8.544	2244	2256	2271	rBV	369646	634833	27.15%	2.428%
34	8.627	2271	2282	2306	rBV2	258140	522001	22.32%	1.997%
35	9.409	2512	2525	2543	rBV	302274	518291	22.16%	1.983%
36	9.692	2603	2613	2630	rBV	41328	70628	3.02%	0.270%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
Data File : VU061631.D
Acq On : 13 Nov 2024 18:05
Operator : MD/SY
Sample : P4747-10
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCPC9

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\SFAMUTR111324WMA.M
Title : TRACE VOA SFAM1.0

37	10.094	2726	2738	2766	rBV2	92110	194120	8.30%	0.743%
38	10.476	2843	2857	2877	rBV	137667	223894	9.57%	0.856%
39	10.746	2927	2941	2954	rBV	95047	153251	6.55%	0.586%
40	11.081	3034	3045	3058	rVB	112151	177166	7.58%	0.678%
41	11.283	3094	3108	3131	rBV	277902	468621	20.04%	1.793%
42	11.438	3143	3156	3158	rBV	102630	143445	6.13%	0.549%
43	11.457	3159	3162	3174	rVV	128955	167154	7.15%	0.639%
44	11.531	3174	3185	3197	rVV	213500	329578	14.09%	1.261%
45	11.634	3210	3217	3234	rVB3	26439	42109	1.80%	0.161%
46	11.730	3236	3247	3258	rBV3	46260	84082	3.60%	0.322%
47	11.804	3258	3270	3280	rVV	319520	520253	22.25%	1.990%
48	11.885	3280	3295	3308	rVB	536421	853544	36.50%	3.265%
49	12.084	3341	3357	3376	rBV5	28347	59698	2.55%	0.228%
50	12.184	3376	3388	3401	rBV	273769	473449	20.24%	1.811%
51	12.303	3414	3425	3442	rBV	348874	551662	23.59%	2.110%
52	12.479	3464	3480	3492	rBV4	75914	157185	6.72%	0.601%
53	12.563	3492	3506	3516	rBV	132423	212549	9.09%	0.813%
54	12.672	3529	3540	3552	rBV2	193890	385909	16.50%	1.476%
55	12.737	3552	3560	3574	rVB	536009	809935	34.63%	3.098%
56	12.865	3590	3600	3609	rBV	81079	126781	5.42%	0.485%
57	12.917	3609	3616	3621	rVV	26420	37330	1.60%	0.143%
58	12.962	3621	3630	3638	rVV	357818	527335	22.55%	2.017%
59	13.016	3638	3647	3659	rVV	540398	852249	36.44%	3.260%
60	13.077	3659	3666	3676	rVV	92598	158870	6.79%	0.608%
61	13.139	3676	3685	3695	rVV	165394	278848	11.92%	1.067%
62	13.190	3695	3701	3708	rVV	25794	35668	1.53%	0.136%
63	13.438	3761	3778	3789	rBV	609243	948503	40.56%	3.628%
64	13.508	3789	3800	3818	rVB	822983	1254221	53.63%	4.798%
65	13.618	3819	3834	3846	rBV	1485450	2338634	100.00%	8.946%
66	13.682	3846	3854	3862	rBV	68811	94079	4.02%	0.360%
67	13.778	3874	3884	3891	rBV	66793	109650	4.69%	0.419%
68	13.827	3891	3899	3906	rBV4	52841	94239	4.03%	0.360%
69	13.933	3924	3932	3954	rVB2	99658	215013	9.19%	0.822%
70	14.077	3954	3977	3984	rBV	112296	272430	11.65%	1.042%
71	14.196	4003	4014	4024	rBV	129834	216509	9.26%	0.828%
72	14.283	4034	4041	4051	rVB5	30171	49927	2.13%	0.191%
73	14.470	4089	4099	4104	rBV6	21424	36340	1.55%	0.139%
74	14.508	4104	4111	4116	rVV	50638	80111	3.43%	0.306%
75	14.544	4116	4122	4134	rVB	50190	81830	3.50%	0.313%
76	14.666	4145	4160	4171	rBV3	111461	211138	9.03%	0.808%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
Data File : VU061631.D
Acq On : 13 Nov 2024 18:05
Operator : MD/SY
Sample : P4747-10
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCPC9

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\SFAMUTR111324WMA.M
Title : TRACE VOA SFAM1.0

77	14.794	4189	4200	4214	rVB3	117560	208526	8.92%	0.798%
78	14.868	4214	4223	4231	rVB3	17051	26395	1.13%	0.101%
79	14.920	4231	4239	4256	rVB2	30194	50799	2.17%	0.194%
80	15.158	4301	4313	4333	rBV	96072	170663	7.30%	0.653%
81	15.399	4375	4388	4403	rBV	1426325	2267463	96.96%	8.674%
82	15.942	4540	4557	4567	rBV	76383	129203	5.52%	0.494%
83	16.000	4569	4575	4586	rVB3	23074	38605	1.65%	0.148%
84	16.174	4621	4629	4642	rVB	36714	55985	2.39%	0.214%
85	16.254	4642	4654	4676	rBV	215929	397291	16.99%	1.520%
86	16.399	4687	4699	4706	rBV	277735	443347	18.96%	1.696%
87	16.437	4706	4711	4726	rVB	100475	154441	6.60%	0.591%
88	16.601	4753	4762	4766	rBV2	37749	56682	2.42%	0.217%
89	16.778	4808	4817	4826	rBV2	14585	23461	1.00%	0.090%
90	16.878	4838	4848	4861	rBV	28016	51200	2.19%	0.196%

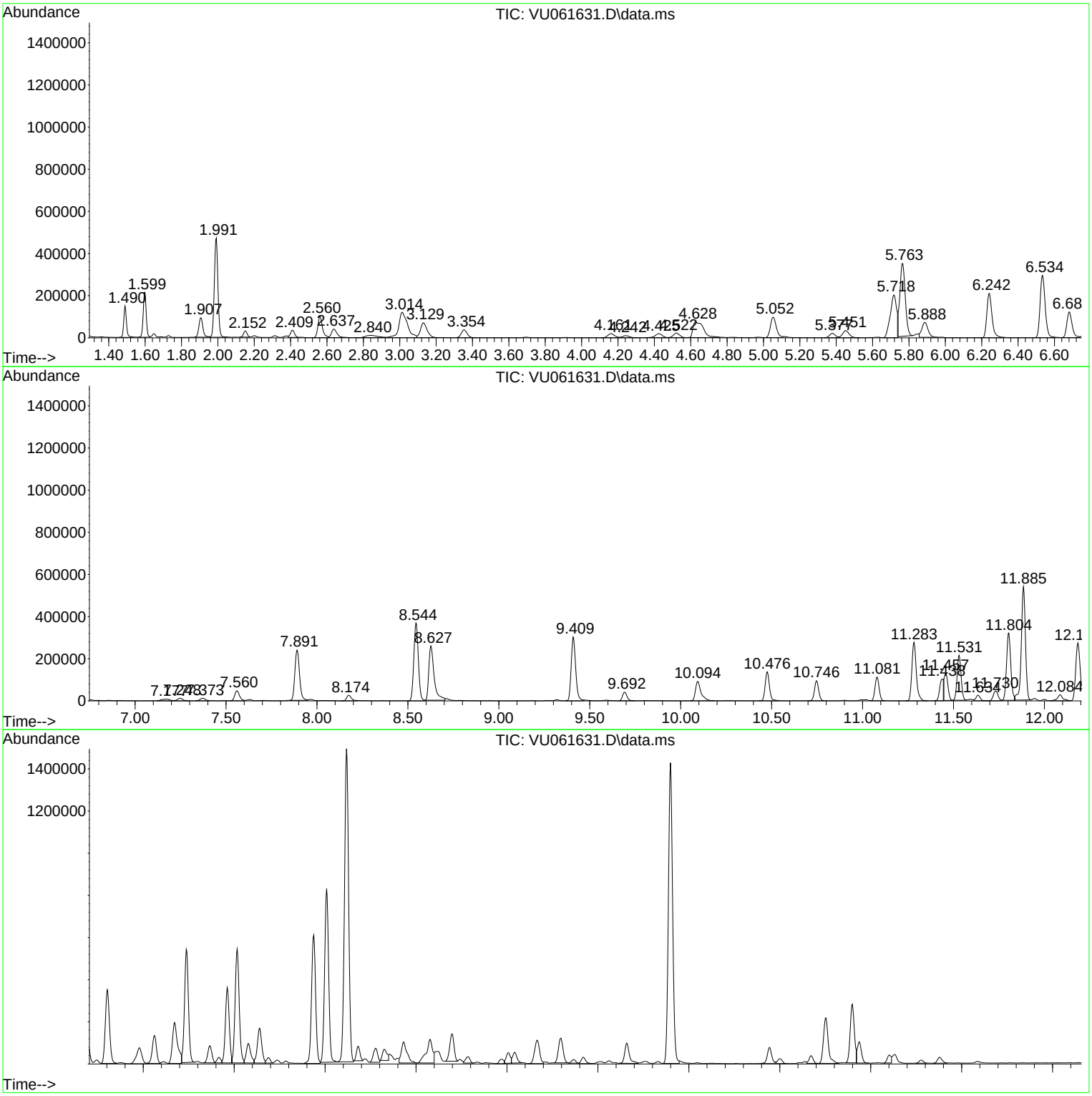
Sum of corrected areas: 26141415

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
Data File : VU061631.D
Acq On : 13 Nov 2024 18:05
Operator : MD/SY
Sample : P4747-10
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCPC9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.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\VU111324\
Data File : VU061631.D
Acq On : 13 Nov 2024 18:05
Operator : MD/SY
Sample : P4747-10
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCPC9

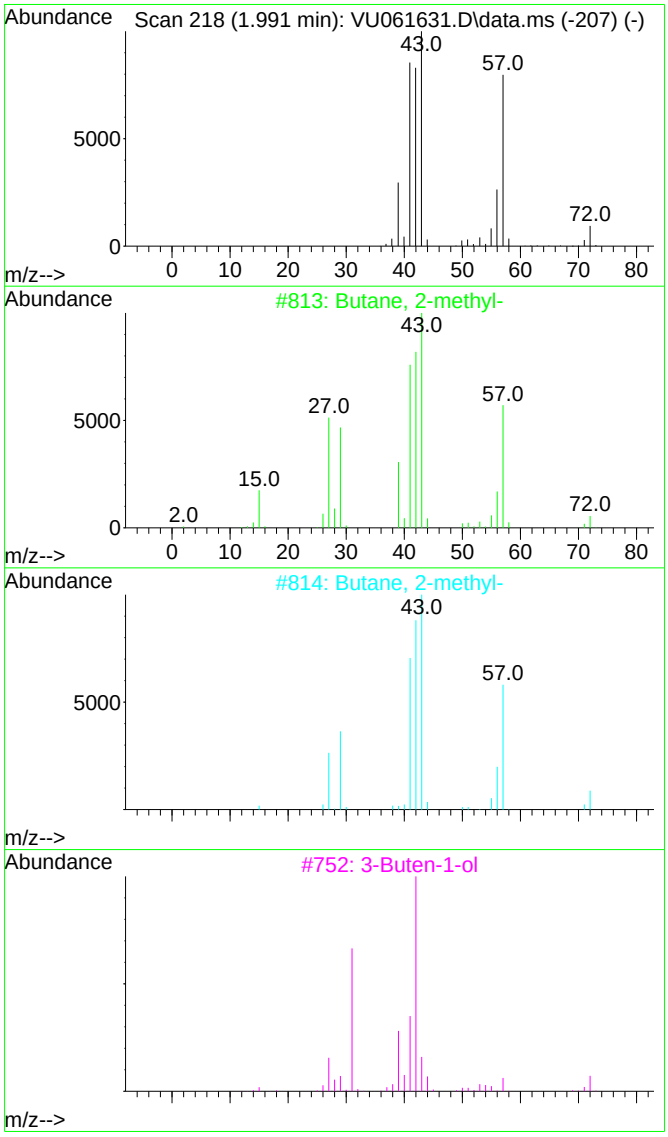
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

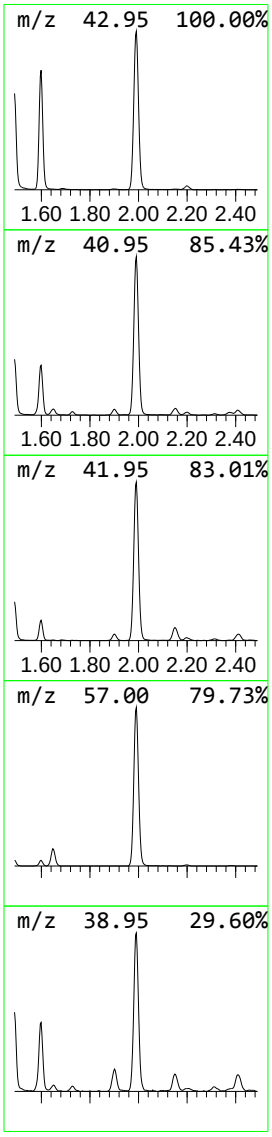
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.991	7.80 ug/L	647087	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	86
2	Butane, 2-methyl-	72	C5H12	000078-78-4	72
3	3-Buten-1-ol	72	C4H8O	000627-27-0	37
4	Oxirane, trimethyl-	86	C5H10O	005076-19-7	33
5	Pentane	72	C5H12	000109-66-0	32





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
Data File : VU061631.D
Acq On : 13 Nov 2024 18:05
Operator : MD/SY
Sample : P4747-10
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCPC9

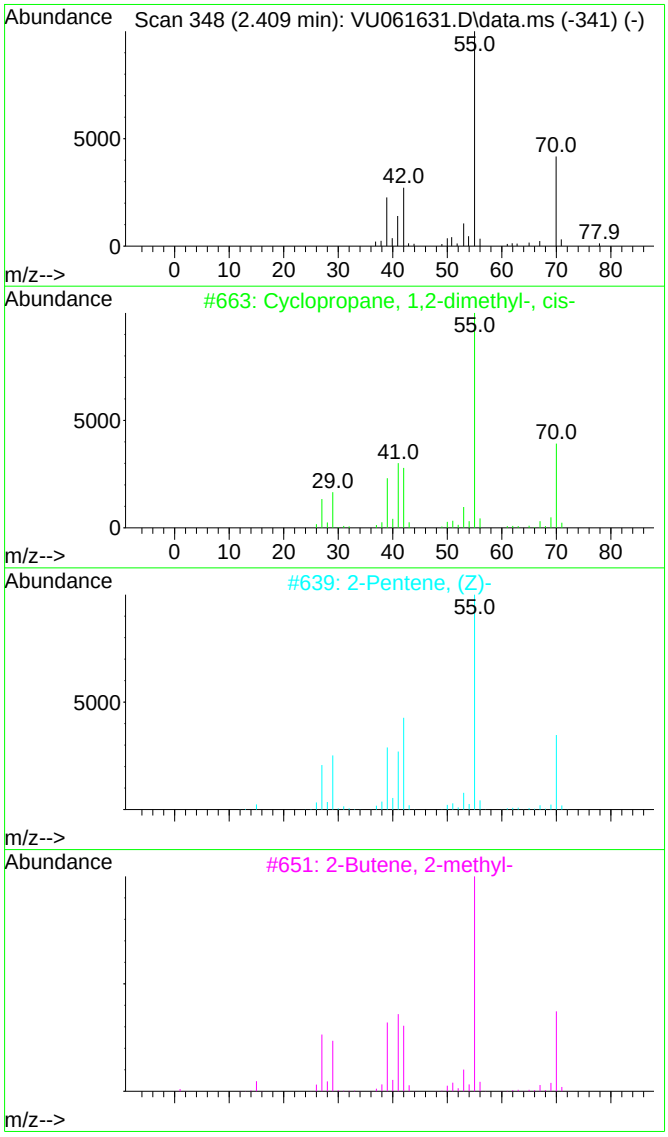
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

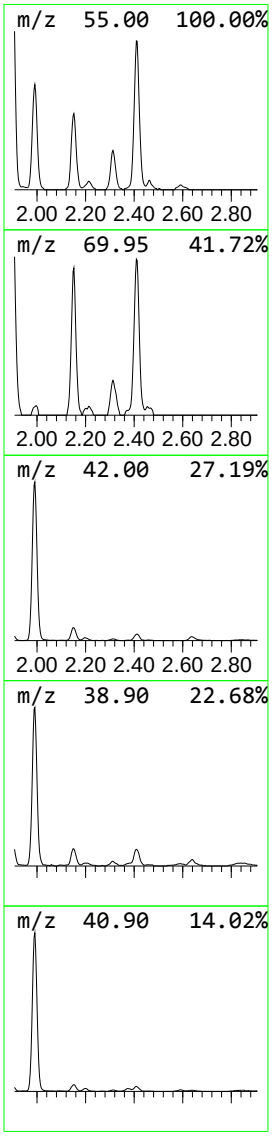
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic2.409 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.409	0.64 ug/L	52819	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	90
2	2-Pentene, (Z)-	70	C5H10	000627-20-3	86
3	2-Butene, 2-methyl-	70	C5H10	000513-35-9	86
4	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	80
5	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
Data File : VU061631.D
Acq On : 13 Nov 2024 18:05
Operator : MD/SY
Sample : P4747-10
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCPC9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

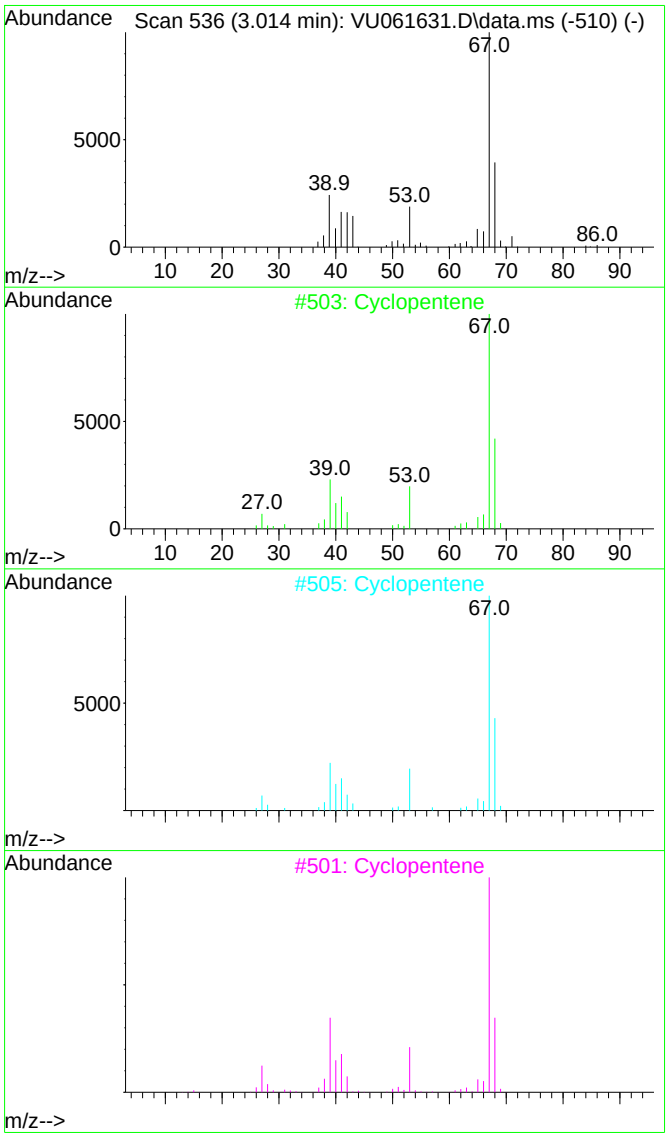
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

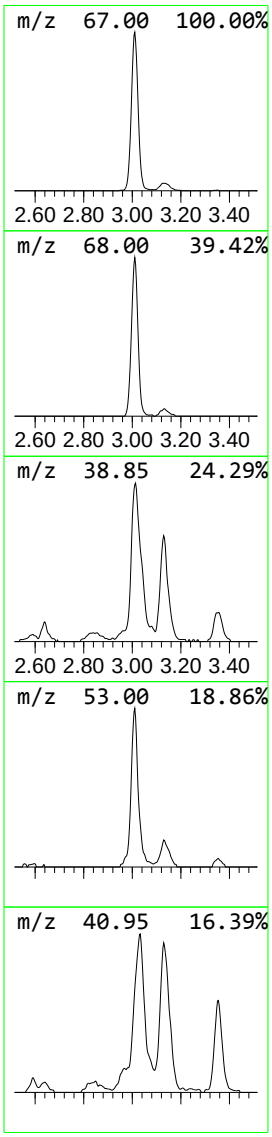
****

Peak Number 5 Cyclopentene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.014	4.77 ug/L	395408	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene	68	C5H8	000142-29-0	90
2	Cyclopentene	68	C5H8	000142-29-0	90
3	Cyclopentene	68	C5H8	000142-29-0	87
4	Cyclopentene	68	C5H8	000142-29-0	87
5	Cyclopentene	68	C5H8	000142-29-0	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
Data File : VU061631.D
Acq On : 13 Nov 2024 18:05
Operator : MD/SY
Sample : P4747-10
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCPC9

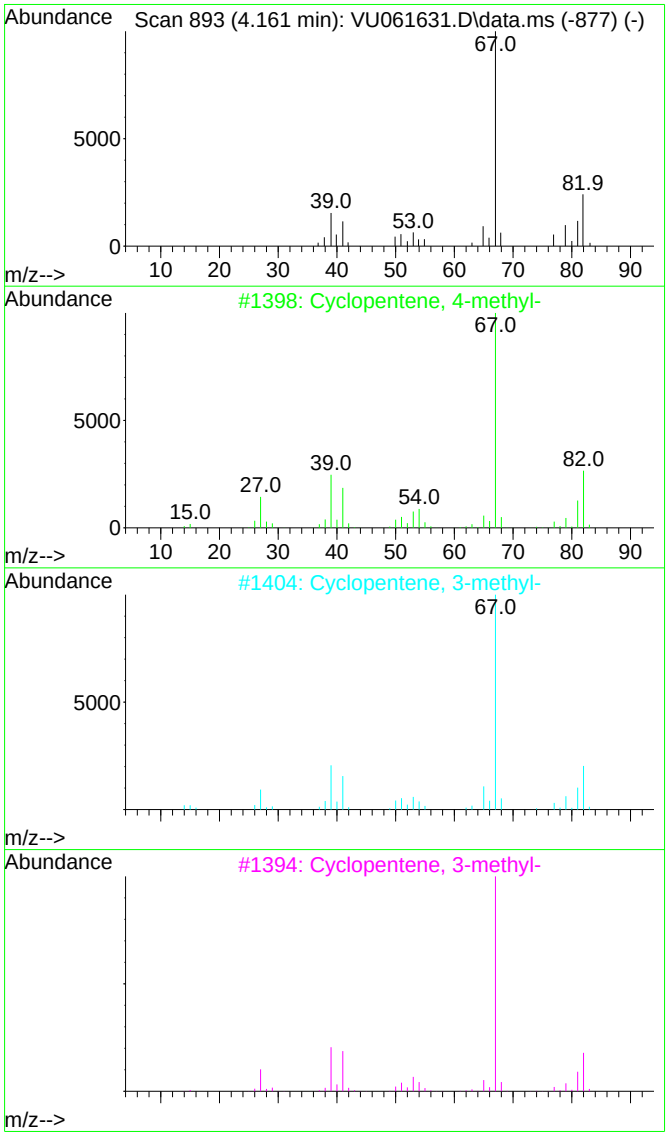
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

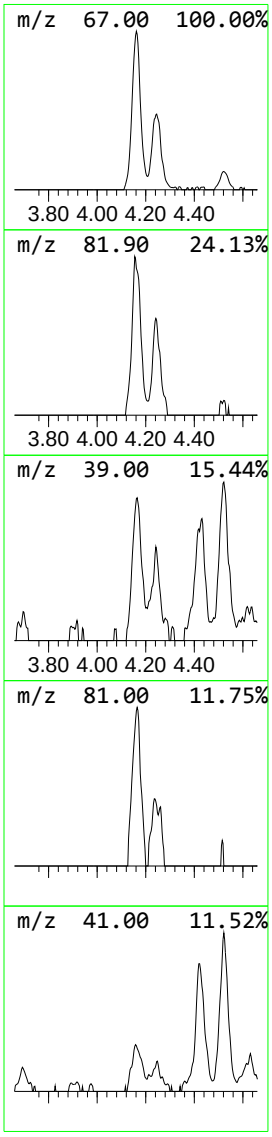
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclopentene, 4-methyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.161	0.62 ug/L	51699	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 4-methyl-	82	C6H10	001759-81-5	87
2	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	87
3	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	86
4	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	86
5	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
Data File : VU061631.D
Acq On : 13 Nov 2024 18:05
Operator : MD/SY
Sample : P4747-10
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCPC9

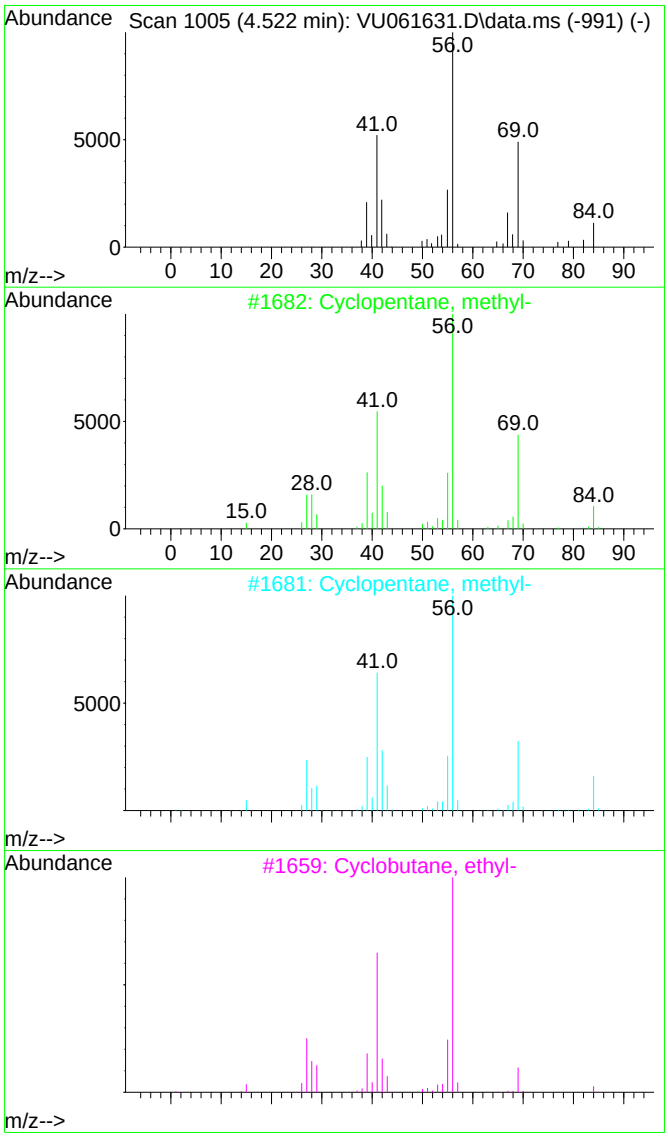
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

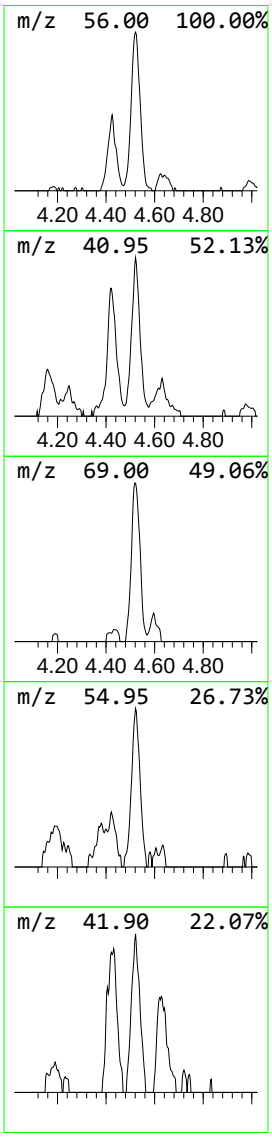
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Cyclic4.522 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.522	0.62 ug/L	51359	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	86
3	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	72
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
Data File : VU061631.D
Acq On : 13 Nov 2024 18:05
Operator : MD/SY
Sample : P4747-10
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCPC9

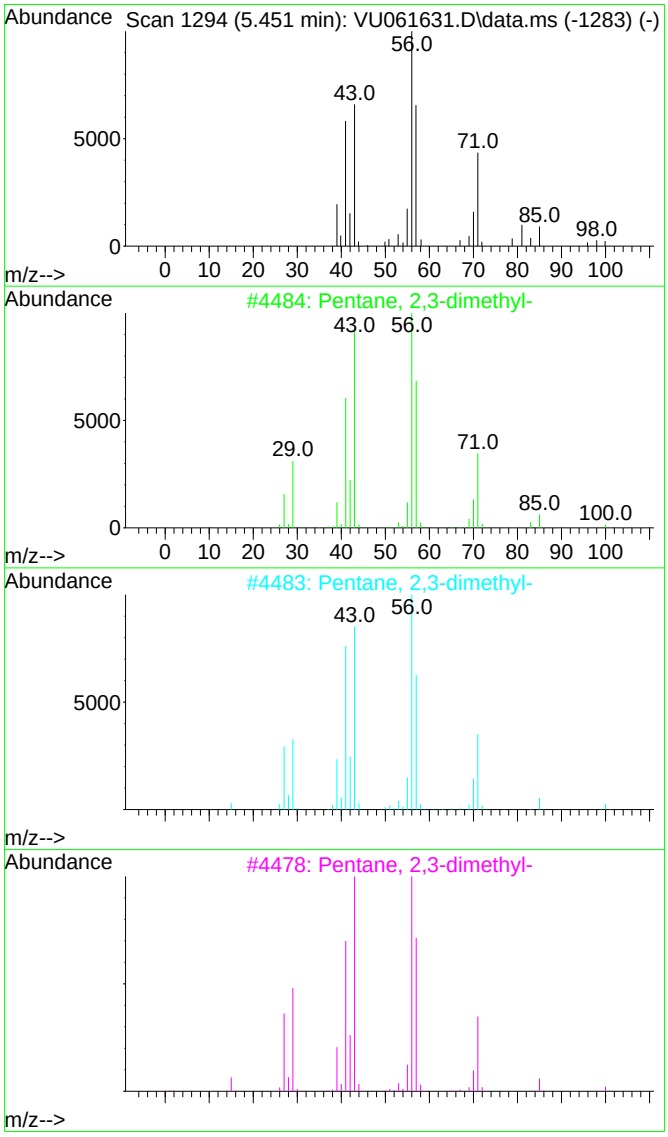
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

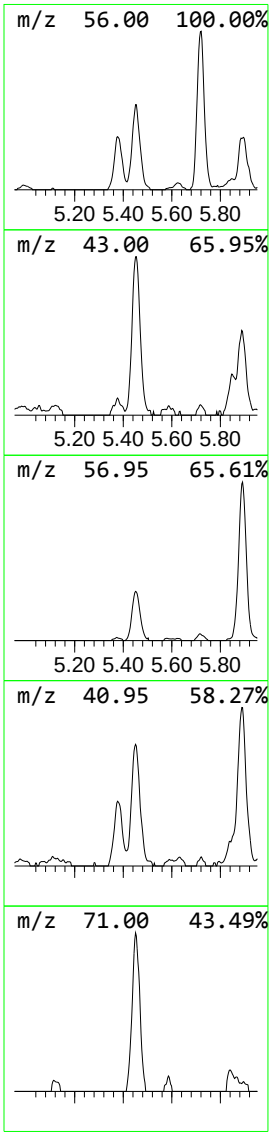
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.451	1.02 ug/L	84776	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	90
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	90
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	86
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	64
5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
Data File : VU061631.D
Acq On : 13 Nov 2024 18:05
Operator : MD/SY
Sample : P4747-10
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCPC9

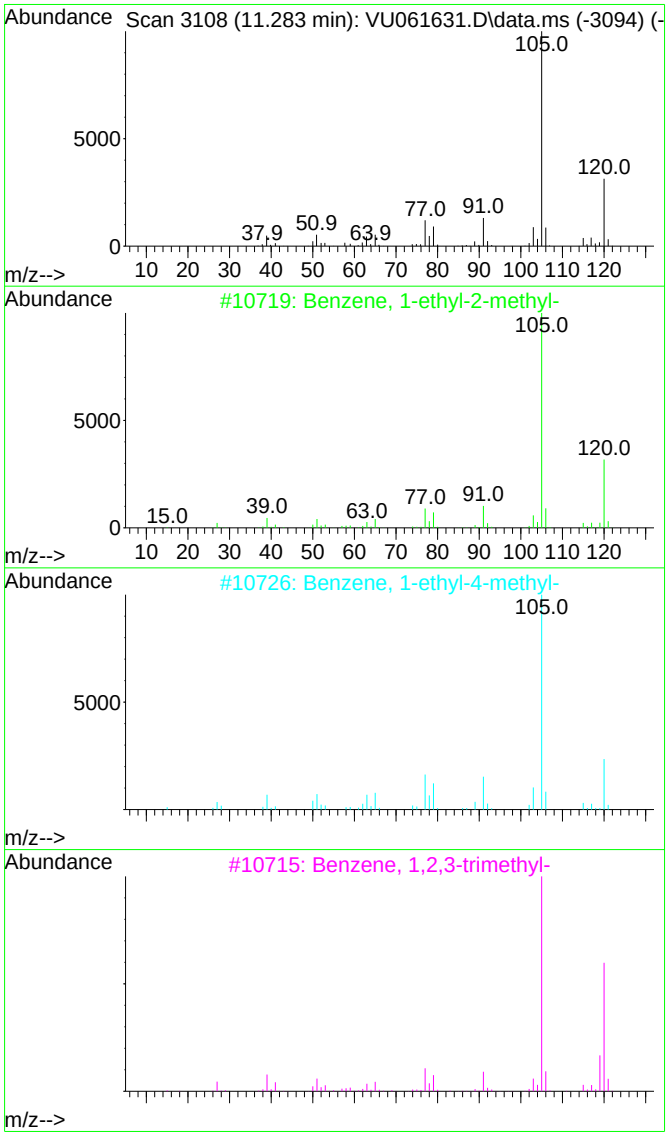
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

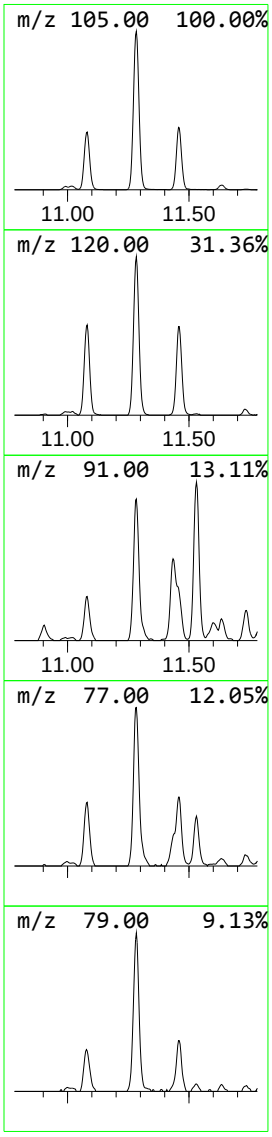
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1-ethyl-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.283	4.50 ug/L	468621	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	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
Data File : VU061631.D
Acq On : 13 Nov 2024 18:05
Operator : MD/SY
Sample : P4747-10
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCPC9

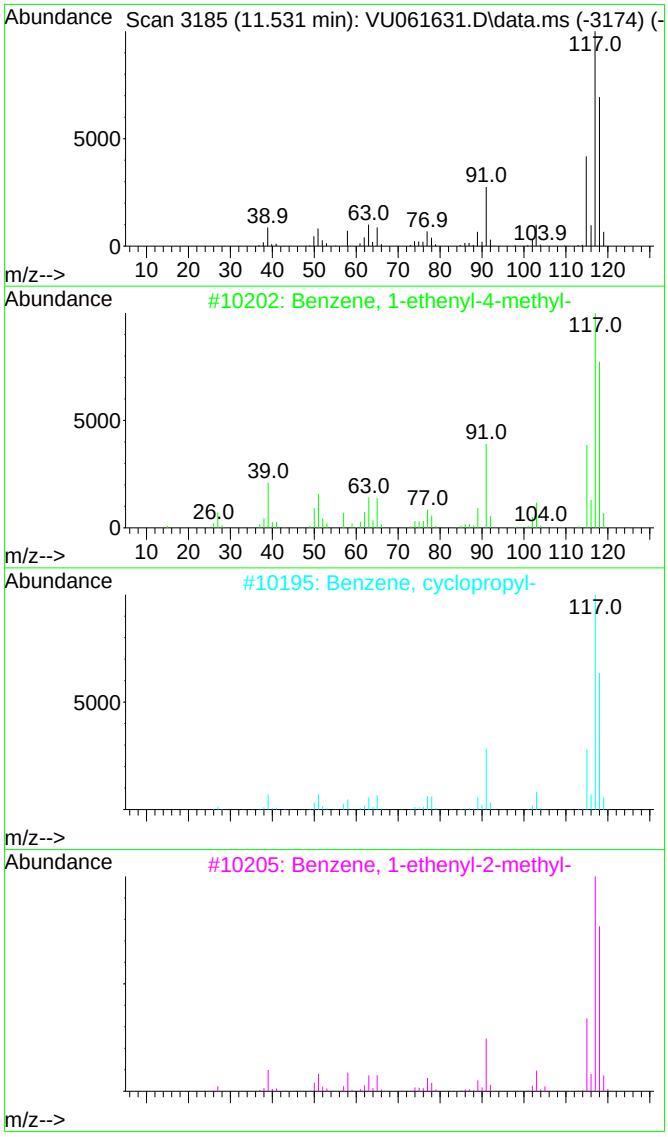
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

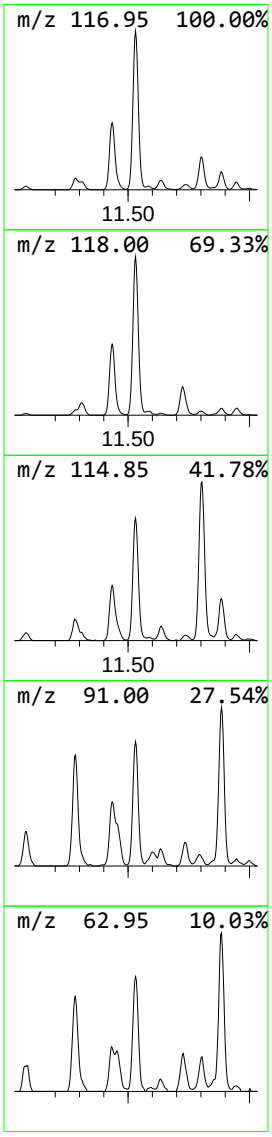
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1-ethenyl-4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.531	3.17 ug/L	329578	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	95
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	93
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	93
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	93
5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	91





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Data File : VU061631.D
Acq On : 13 Nov 2024 18:05
Operator : MD/SY
Sample : P4747-10
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCPC9

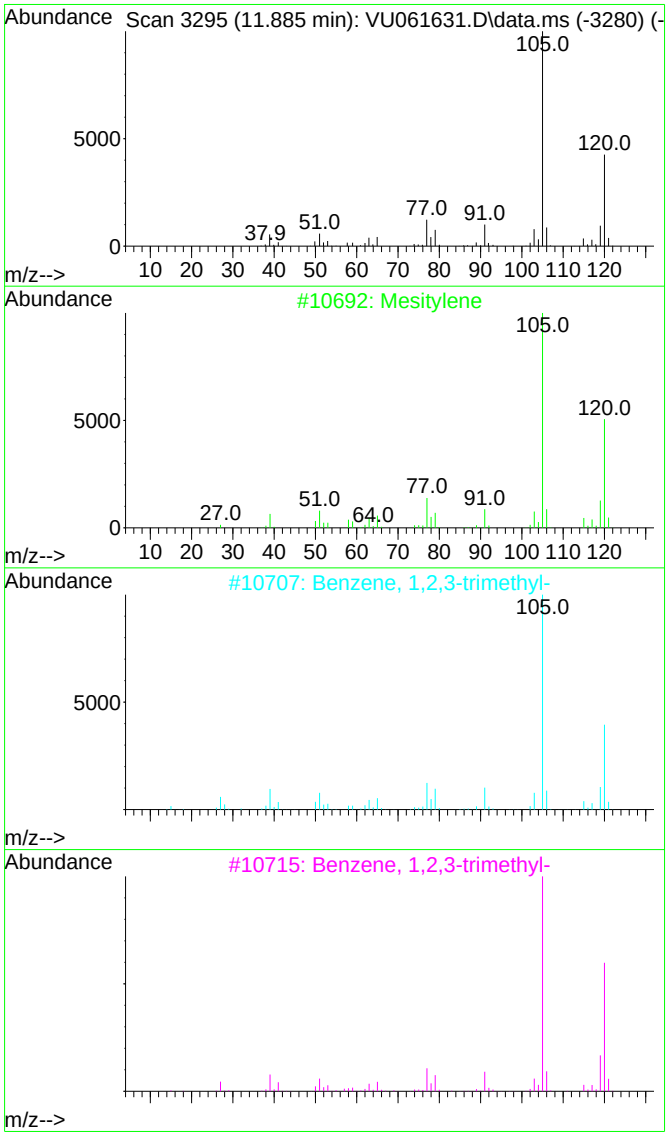
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

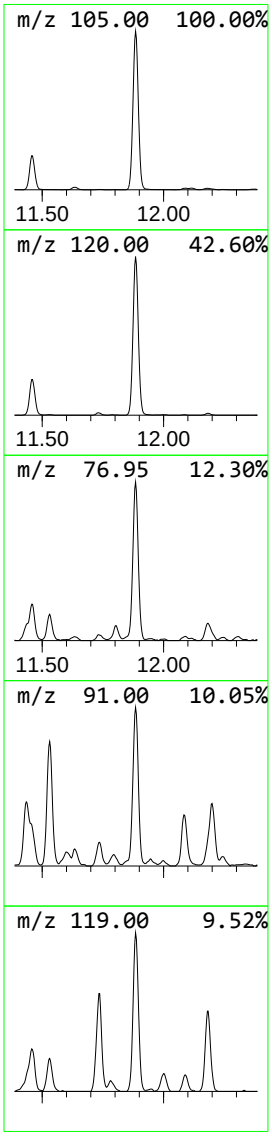
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.885	8.20 ug/L	853544	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	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
Data File : VU061631.D
Acq On : 13 Nov 2024 18:05
Operator : MD/SY
Sample : P4747-10
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCPC9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

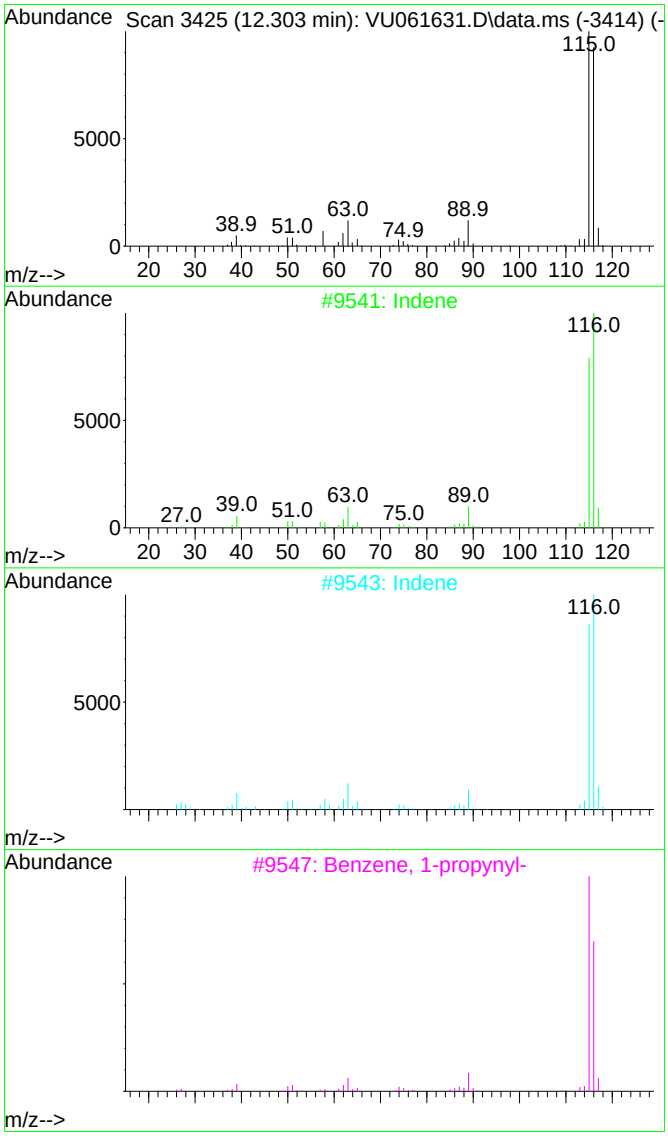
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

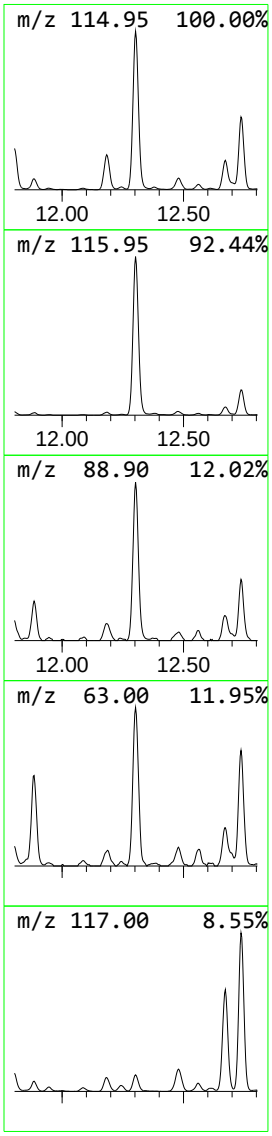
****

Peak Number 18 Indene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.303	5.30 ug/L	551662	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	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
Data File : VU061631.D
Acq On : 13 Nov 2024 18:05
Operator : MD/SY
Sample : P4747-10
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCPC9

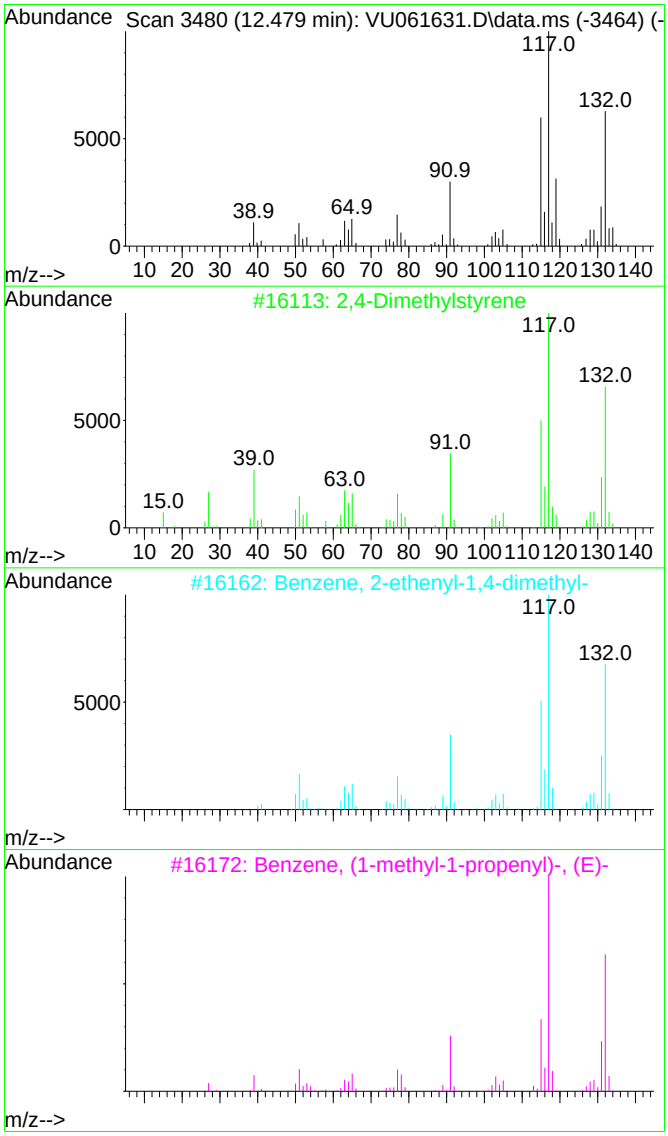
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

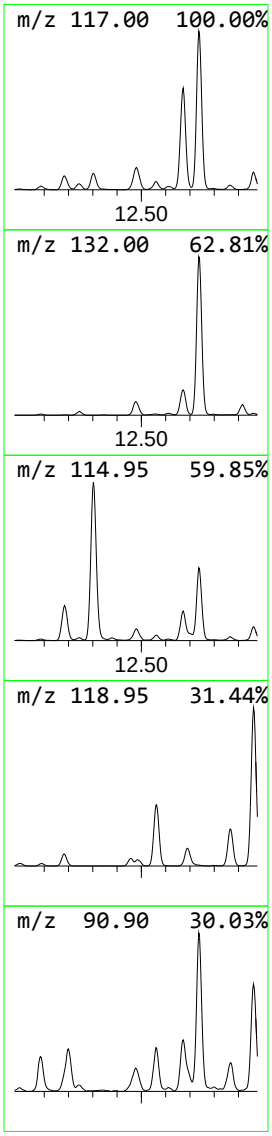
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 2,4-Dimethylstyrene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.479	1.51 ug/L	157185	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	96
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	96
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
Data File : VU061631.D
Acq On : 13 Nov 2024 18:05
Operator : MD/SY
Sample : P4747-10
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCPC9

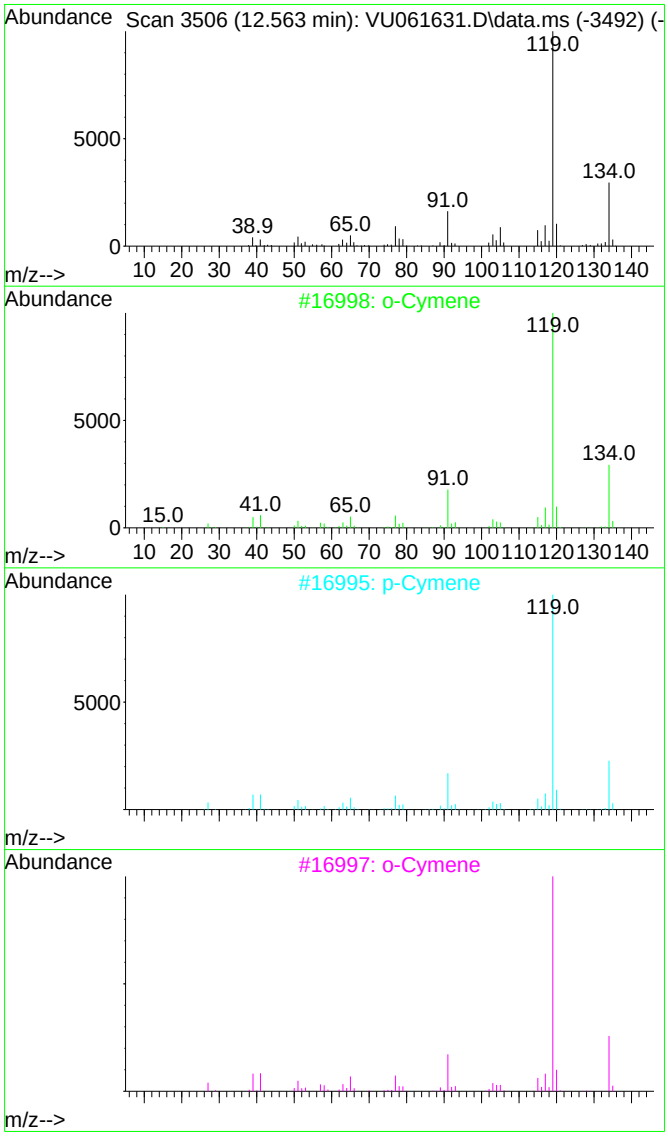
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

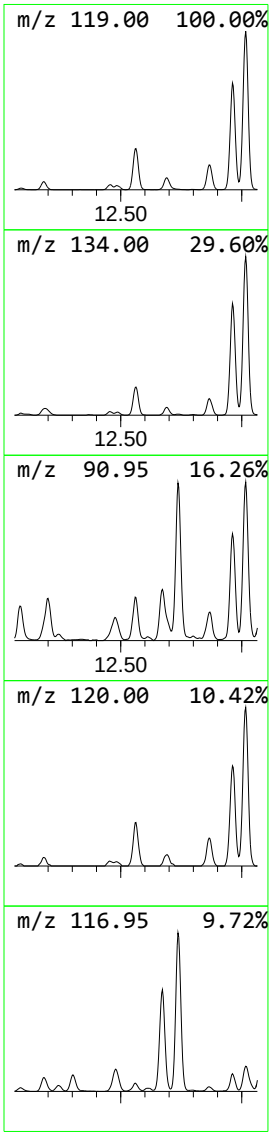
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 o-Cymene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.563	2.04 ug/L	212549	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	p-Cymene	134	C10H14	000099-87-6	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
Data File : VU061631.D
Acq On : 13 Nov 2024 18:05
Operator : MD/SY
Sample : P4747-10
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCPC9

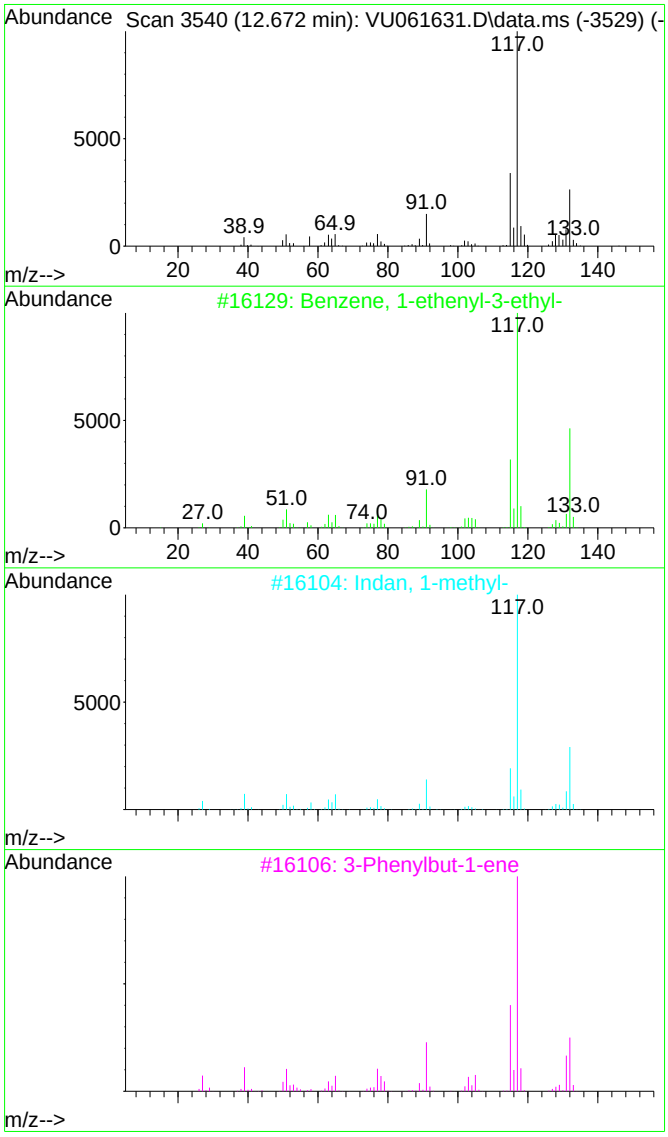
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

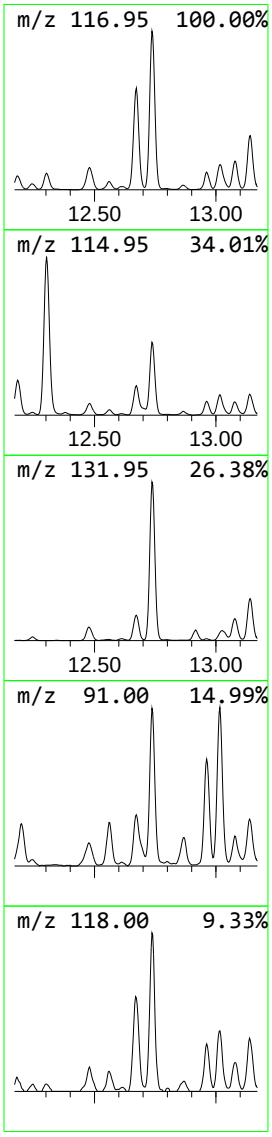
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.672	3.71 ug/L	385909	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
2	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	83
4	Indan, 1-methyl-	132	C10H12	000767-58-8	81
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
Data File : VU061631.D
Acq On : 13 Nov 2024 18:05
Operator : MD/SY
Sample : P4747-10
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCPC9

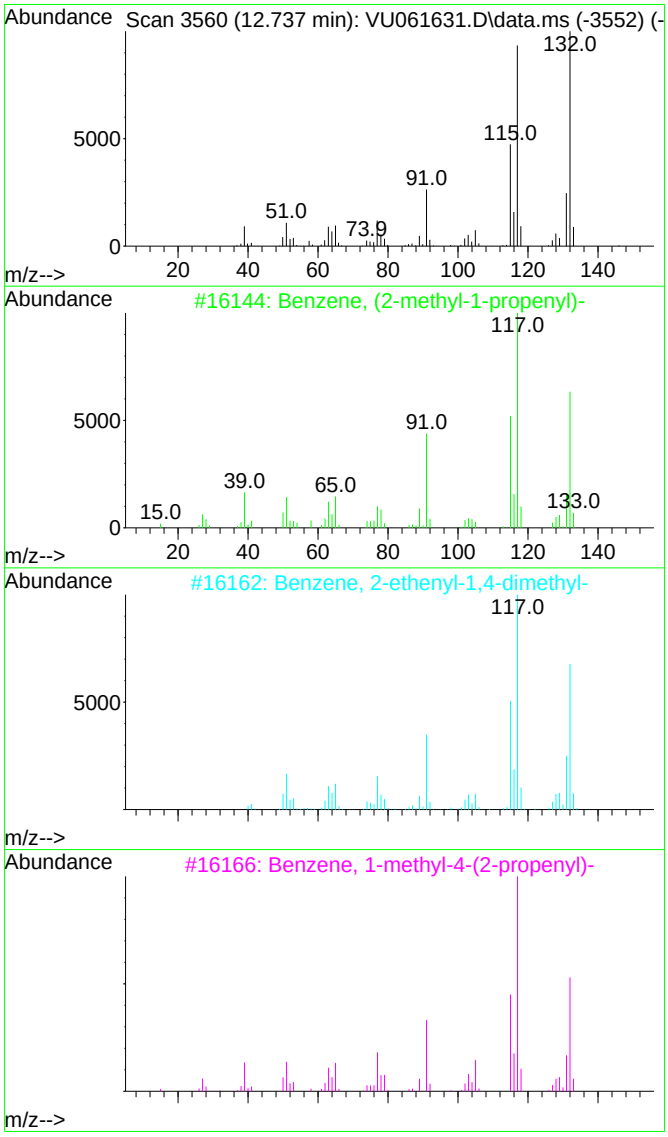
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

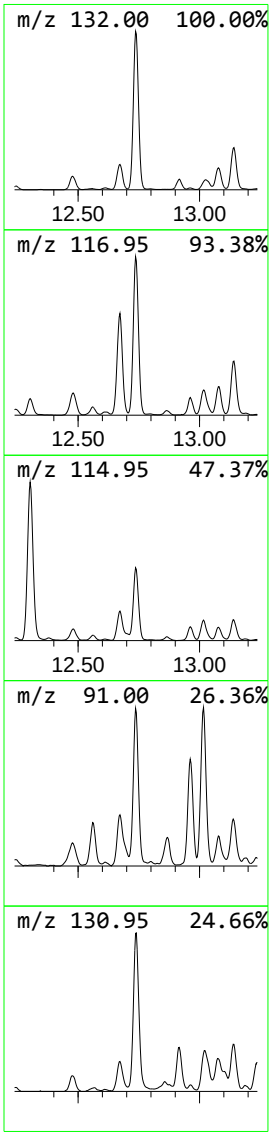
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Benzene, (2-methyl-1-propen... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.737	7.78 ug/L	809935	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	94
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	94
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	94
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	94
5	2,4-Dimethylstyrene	132	C10H12	002234-20-0	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
Data File : VU061631.D
Acq On : 13 Nov 2024 18:05
Operator : MD/SY
Sample : P4747-10
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCPC9

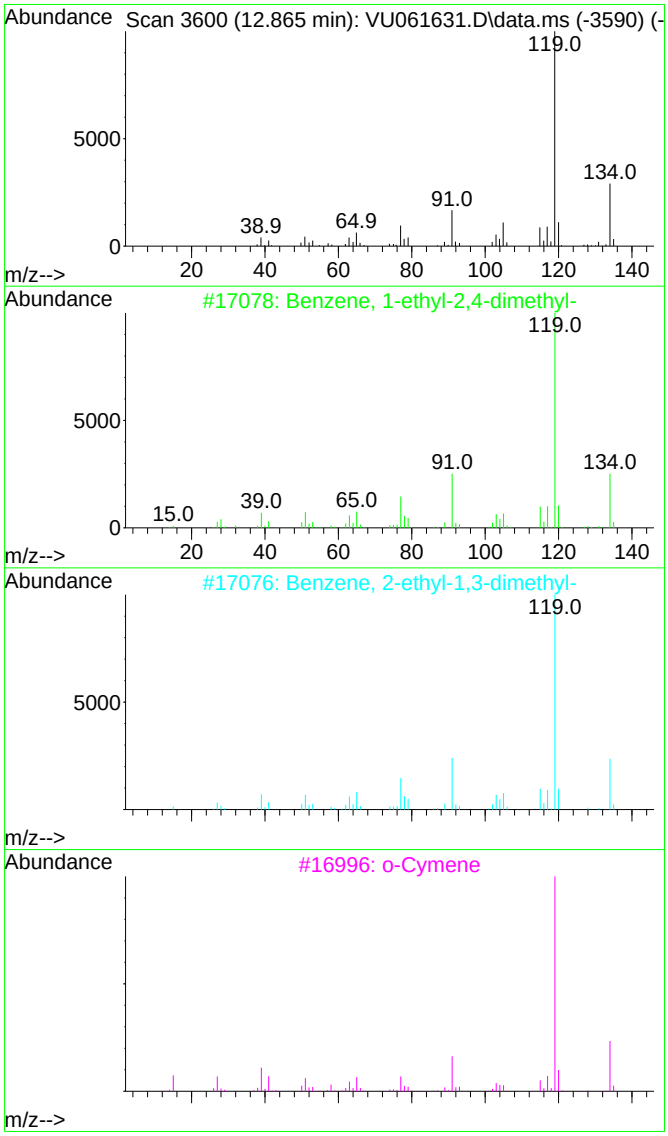
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

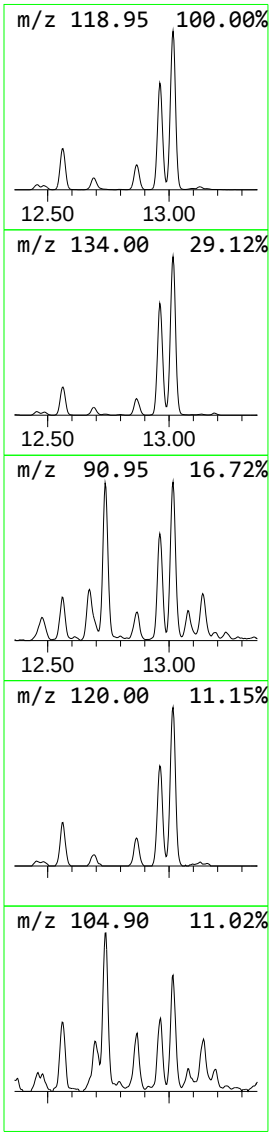
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.865	1.22 ug/L	126781	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	95
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
Data File : VU061631.D
Acq On : 13 Nov 2024 18:05
Operator : MD/SY
Sample : P4747-10
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCPC9

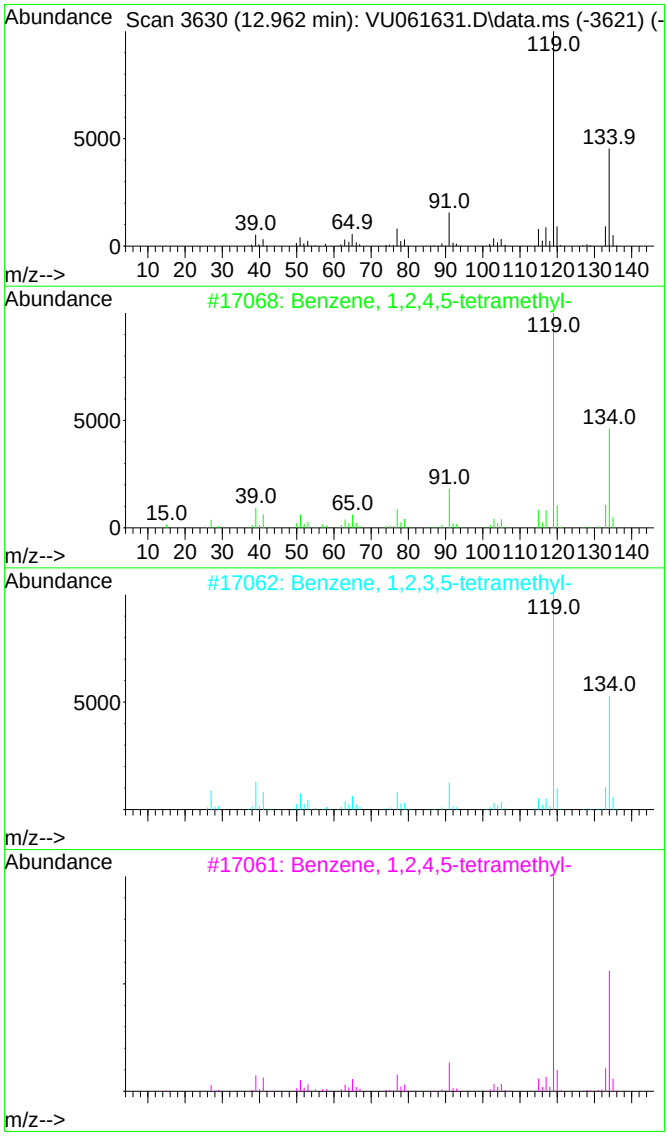
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

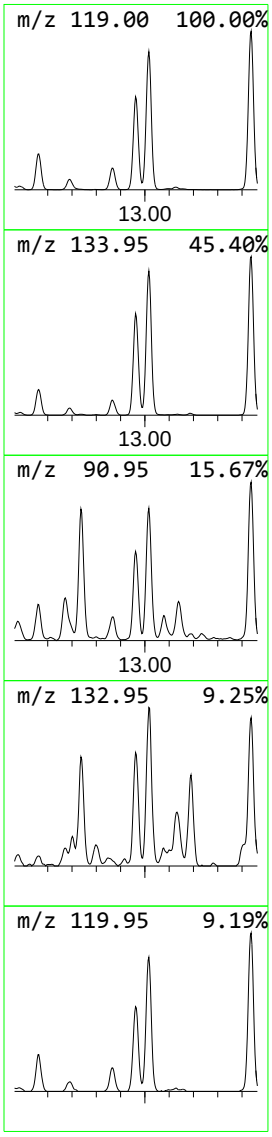
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.962	5.07 ug/L	527335	1,4-Dichlorobenzene-d4	11.804

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
Data File : VU061631.D
Acq On : 13 Nov 2024 18:05
Operator : MD/SY
Sample : P4747-10
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCPC9

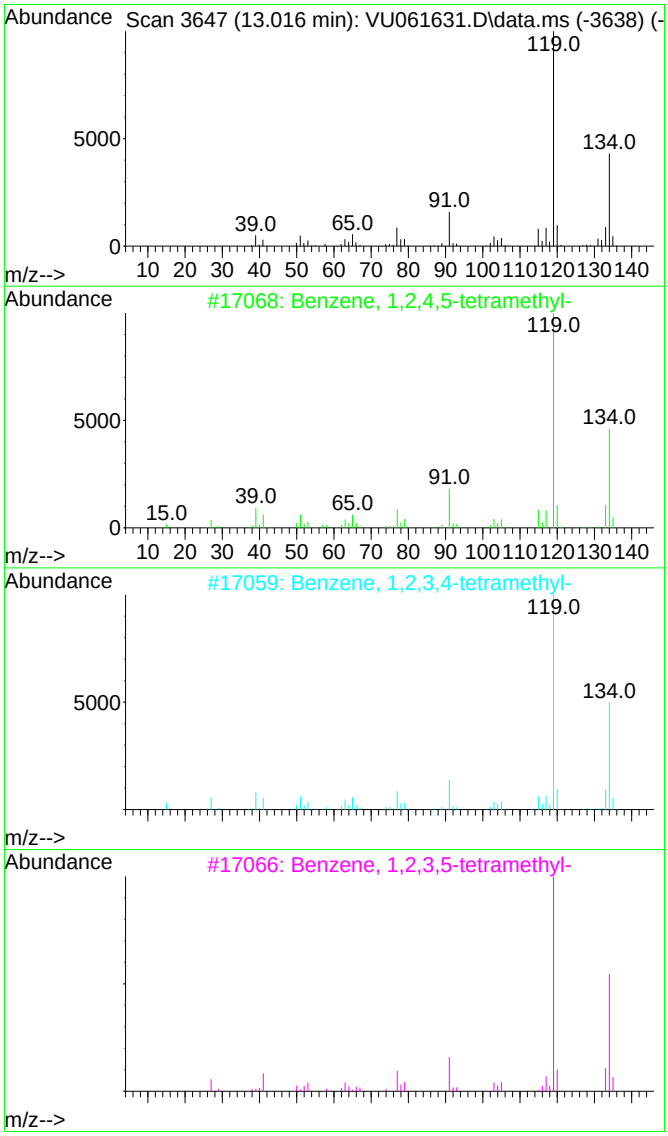
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

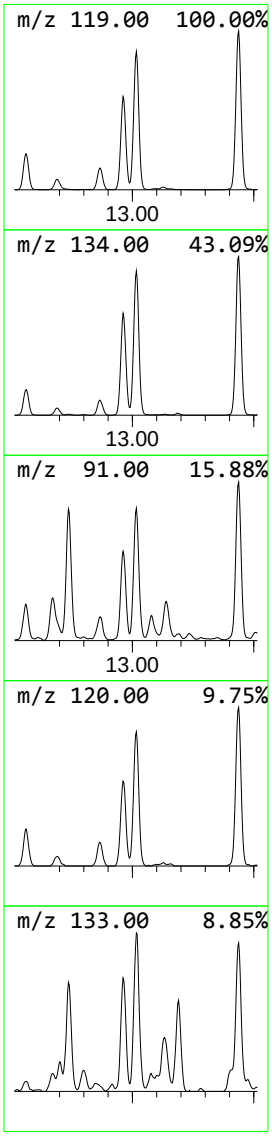
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.016	8.19 ug/L	852249	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
Data File : VU061631.D
Acq On : 13 Nov 2024 18:05
Operator : MD/SY
Sample : P4747-10
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCPC9

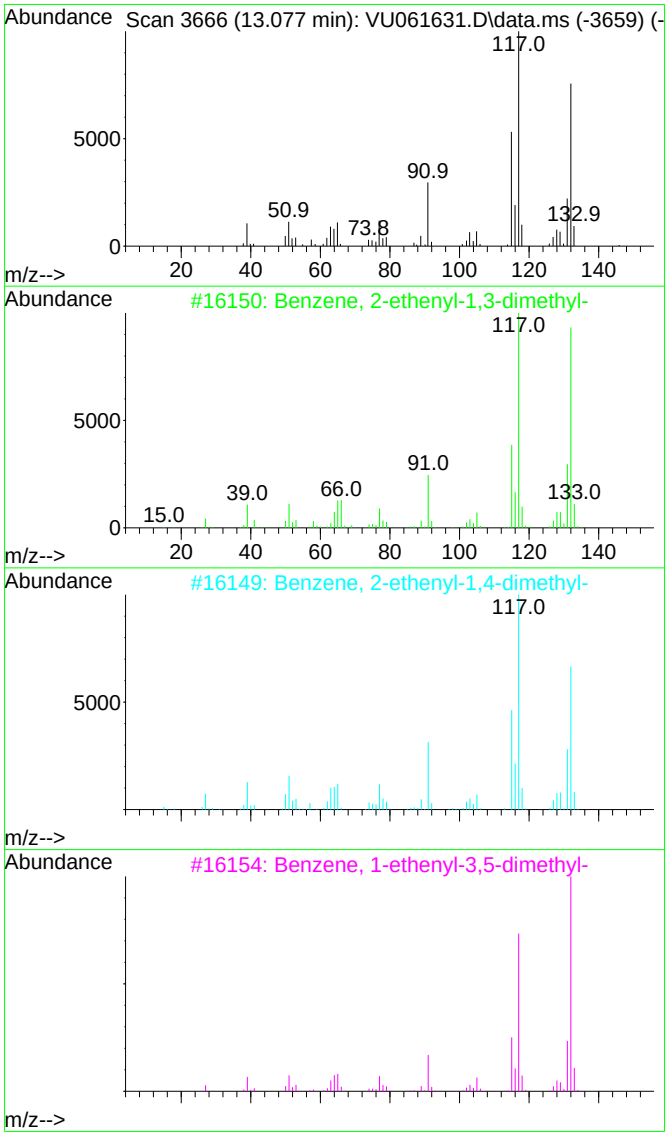
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

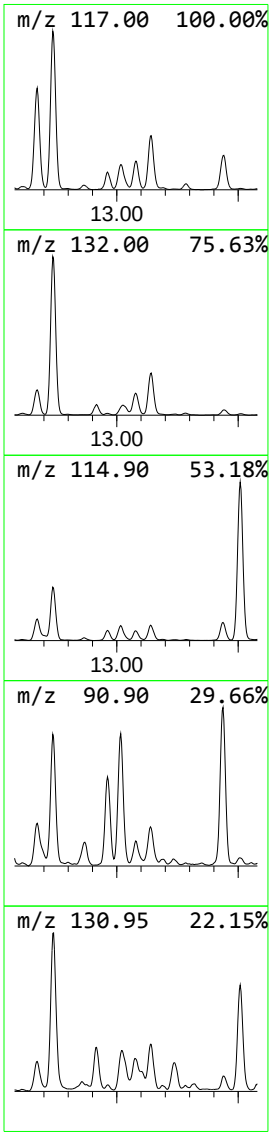
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Benzene, 2-ethenyl-1,3-dime... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.078	1.53 ug/L	158870	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	95
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
3	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	94
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	94
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	94





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Data File : VU061631.D
Acq On : 13 Nov 2024 18:05
Operator : MD/SY
Sample : P4747-10
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCPC9

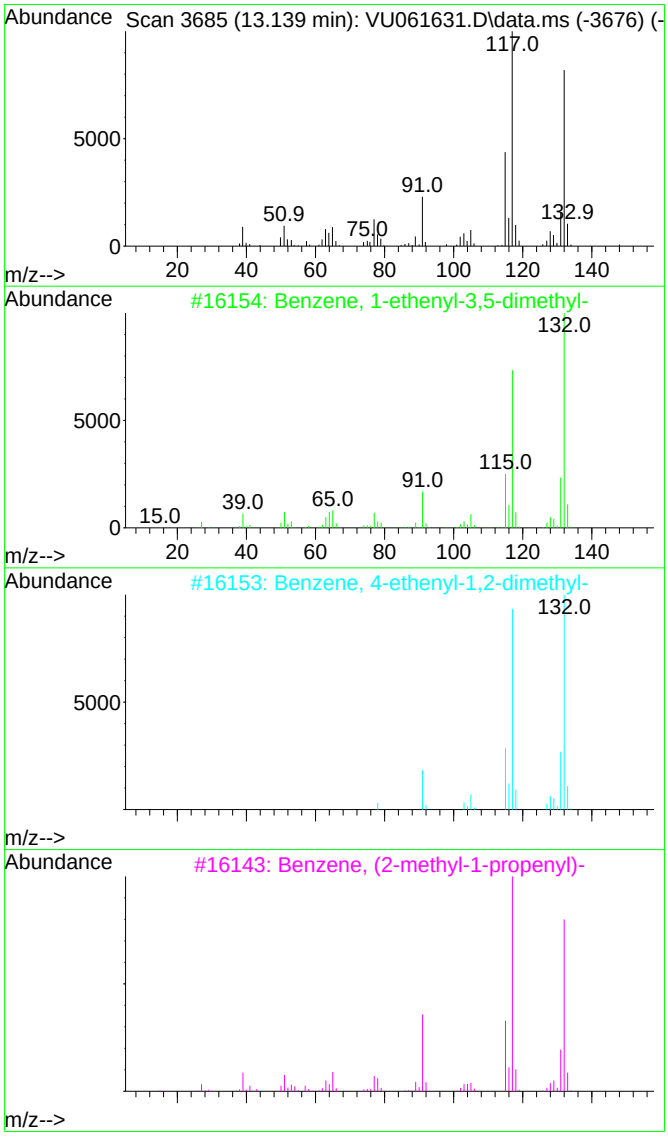
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

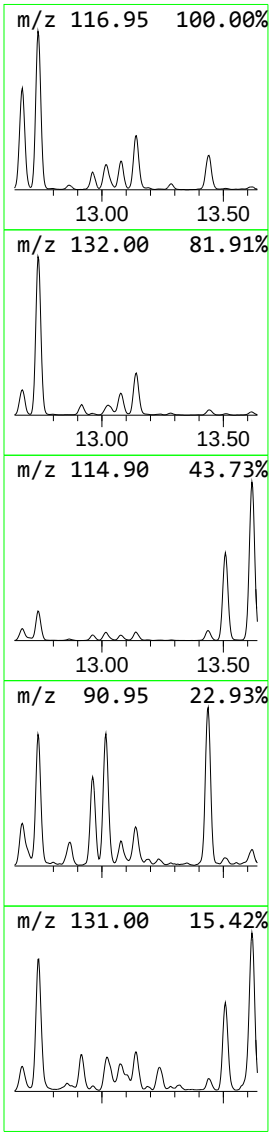
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Benzene, 1-ethenyl-3,5-dime... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.139	2.68 ug/L	278848	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	95
2	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	95
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	94
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	93
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
Data File : VU061631.D
Acq On : 13 Nov 2024 18:05
Operator : MD/SY
Sample : P4747-10
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCPC9

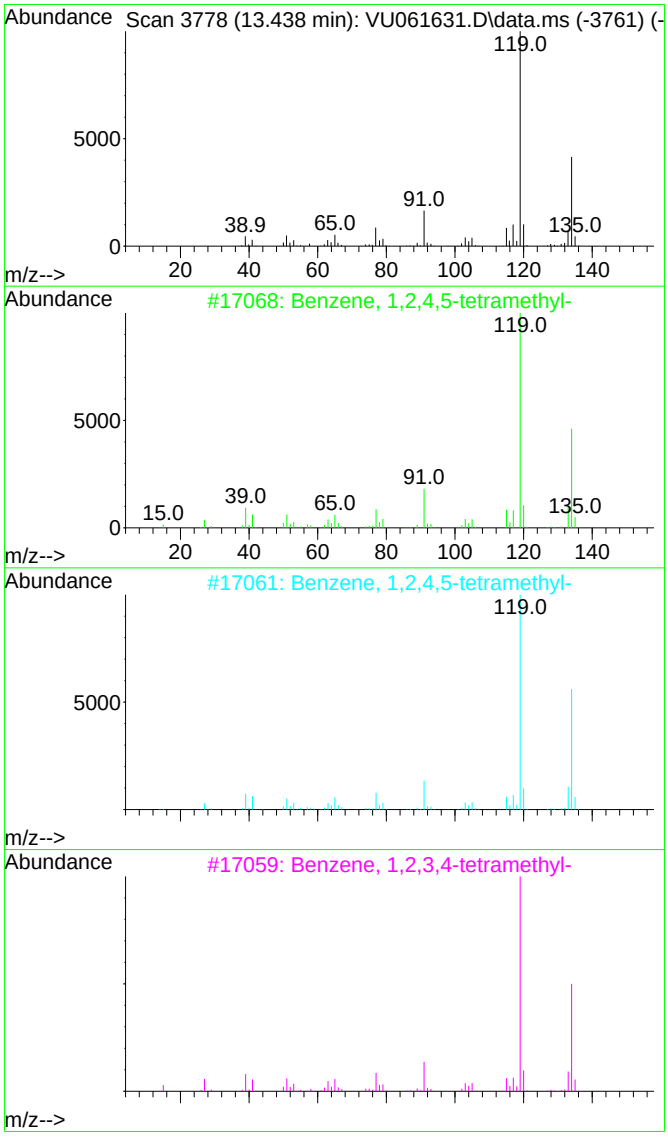
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

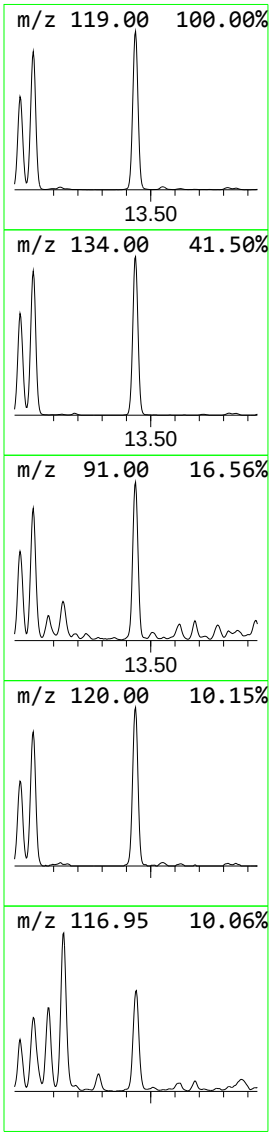
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.438	9.12 ug/L	948503	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
Data File : VU061631.D
Acq On : 13 Nov 2024 18:05
Operator : MD/SY
Sample : P4747-10
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCPC9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

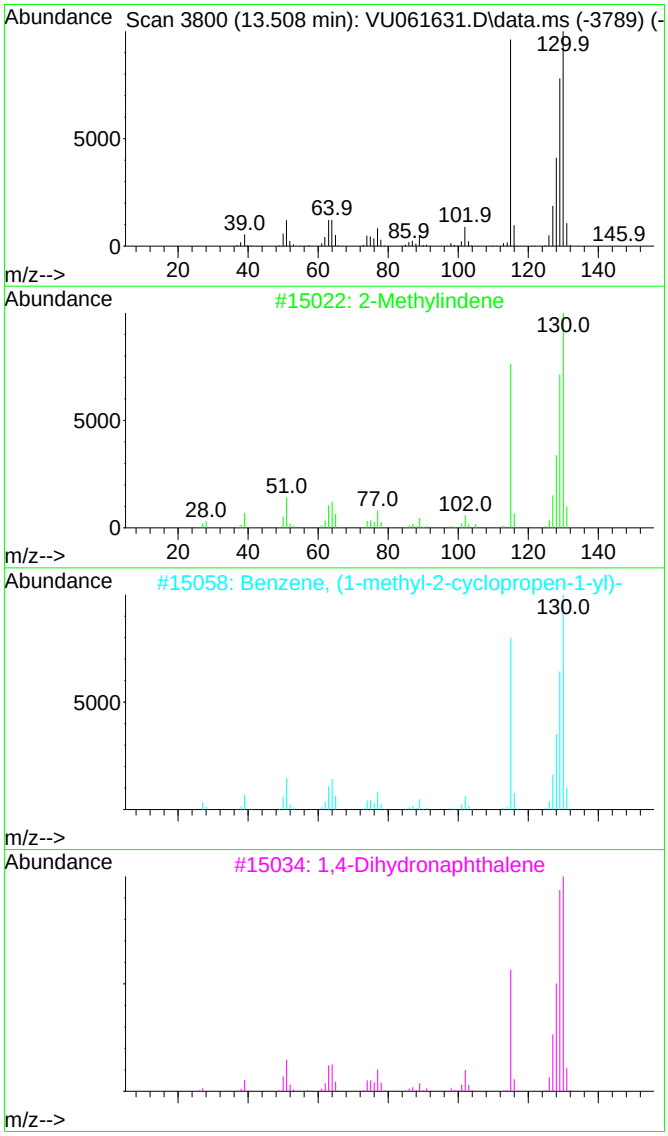
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

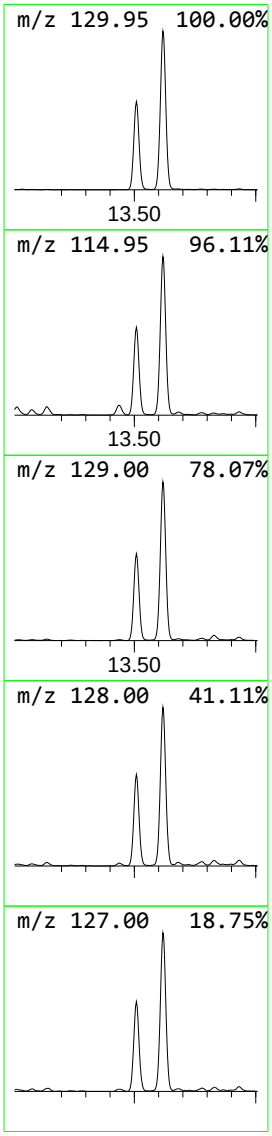
****

Peak Number 29 2-Methylindene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.508	12.05 ug/L	1254220	1,4-Dichlorobenzene-d4	11.804

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
Data File : VU061631.D
Acq On : 13 Nov 2024 18:05
Operator : MD/SY
Sample : P4747-10
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCPC9

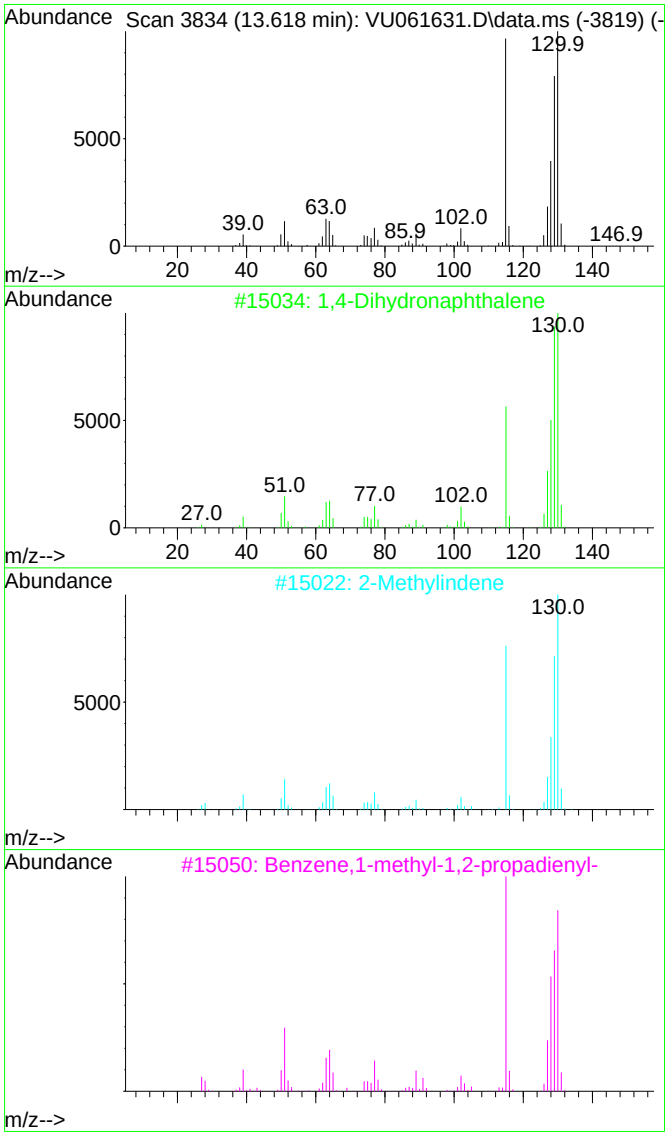
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

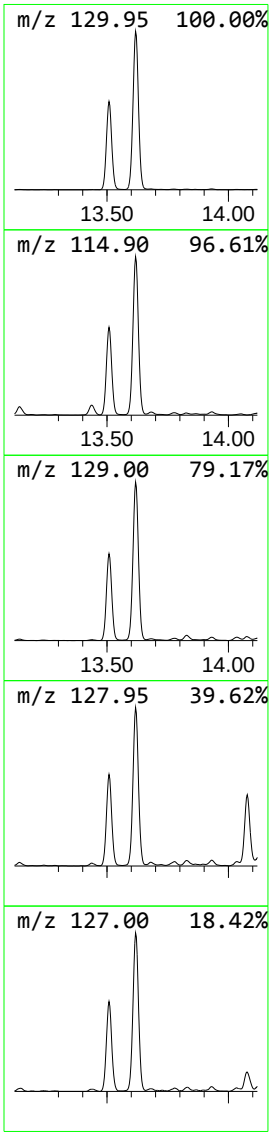
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 1,4-Dihydronaphthalene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.618	22.48 ug/L	2338630	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	96
2	2-Methylindene	130	C10H10	002177-47-1	96
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	Benzene, 1-butynyl-	130	C10H10	000622-76-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
Data File : VU061631.D
Acq On : 13 Nov 2024 18:05
Operator : MD/SY
Sample : P4747-10
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCPC9

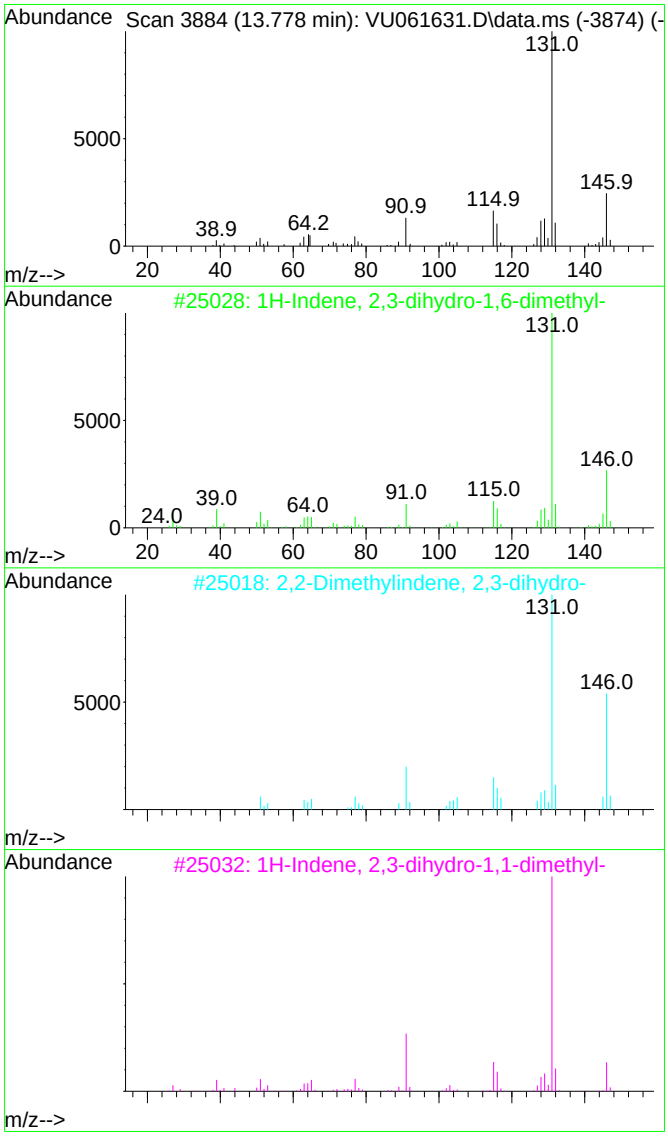
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

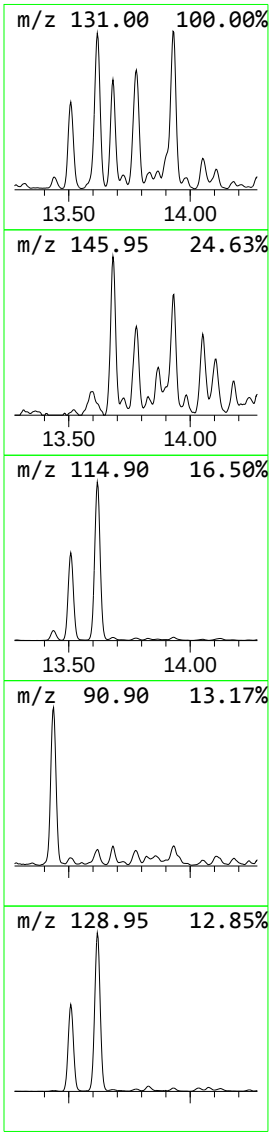
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.778	1.05 ug/L	109650	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	93
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
3	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	90
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
Data File : VU061631.D
Acq On : 13 Nov 2024 18:05
Operator : MD/SY
Sample : P4747-10
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCPC9

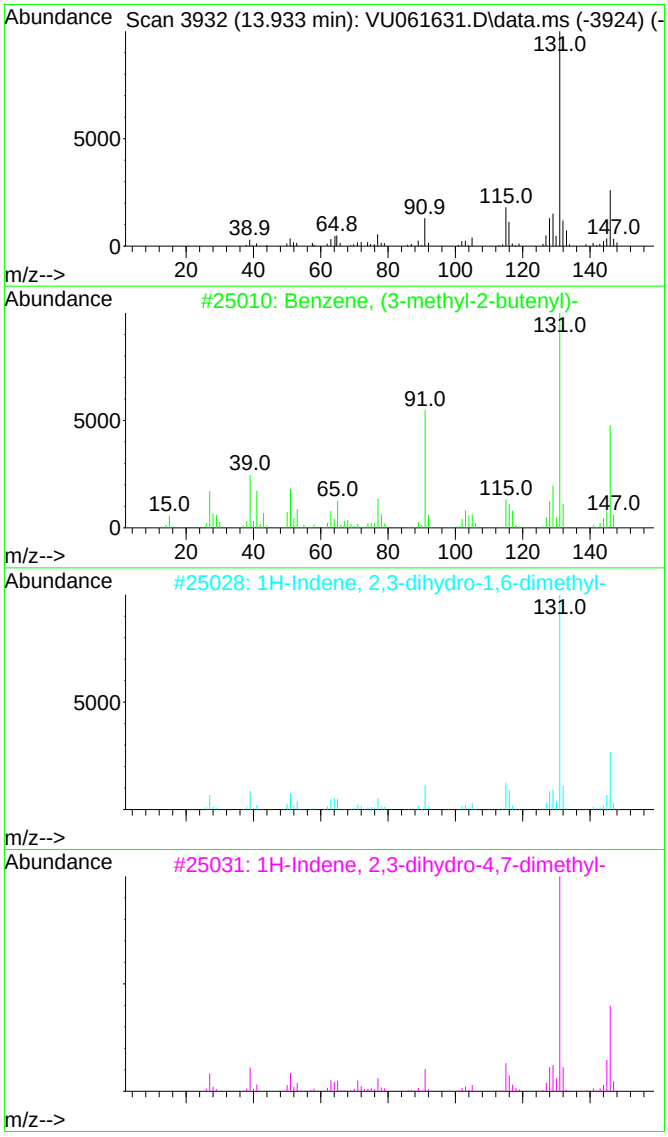
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

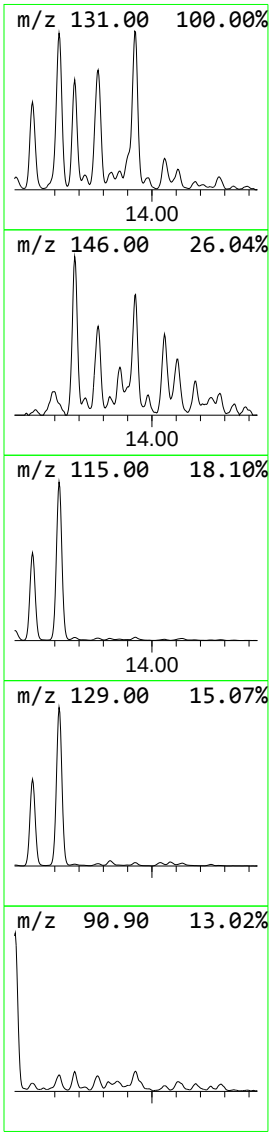
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.933	2.07 ug/L	215013	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	93
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
Data File : VU061631.D
Acq On : 13 Nov 2024 18:05
Operator : MD/SY
Sample : P4747-10
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCPC9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

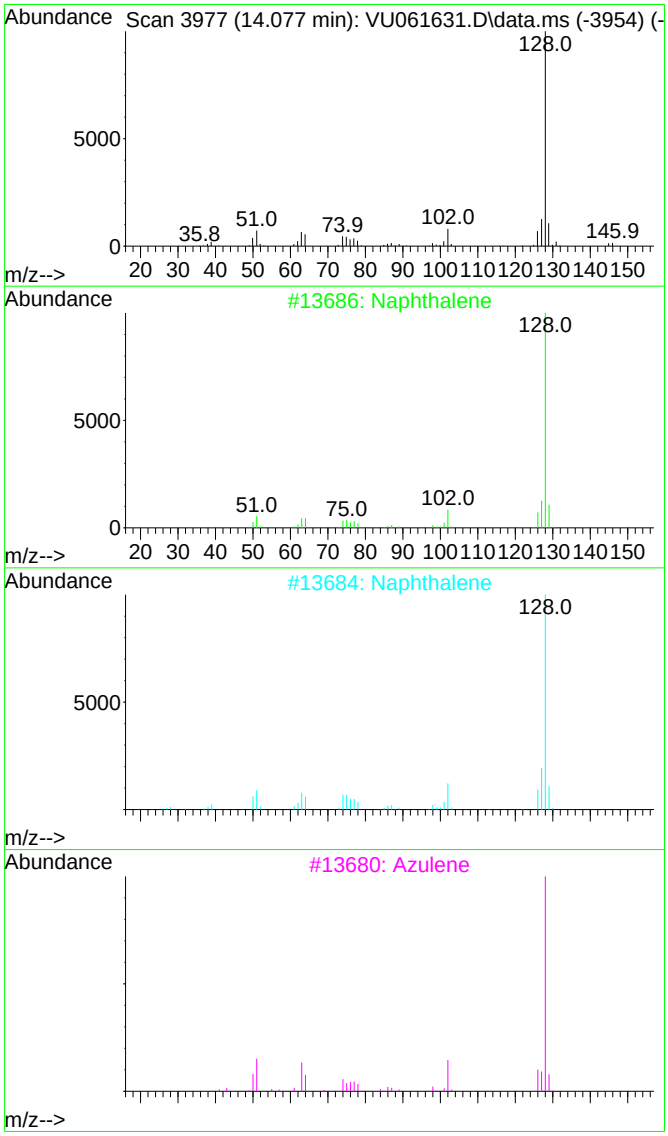
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

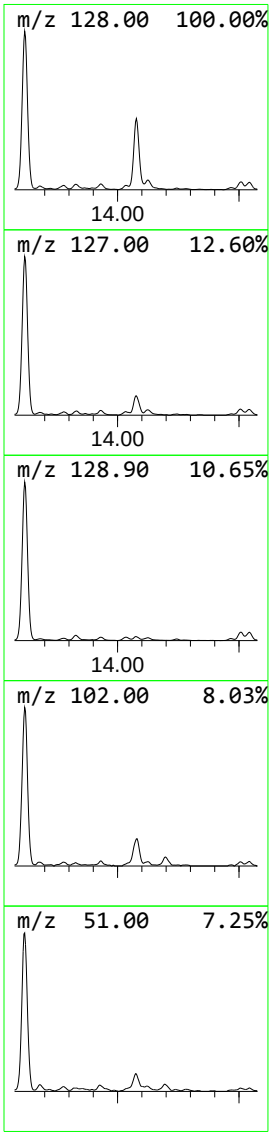
****

Peak Number 35 Azulene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.077	2.62 ug/L	272430	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	94
2	Naphthalene	128	C10H8	000091-20-3	93
3	Azulene	128	C10H8	000275-51-4	90
4	Azulene	128	C10H8	000275-51-4	90
5	Naphthalene	128	C10H8	000091-20-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
Data File : VU061631.D
Acq On : 13 Nov 2024 18:05
Operator : MD/SY
Sample : P4747-10
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCPC9

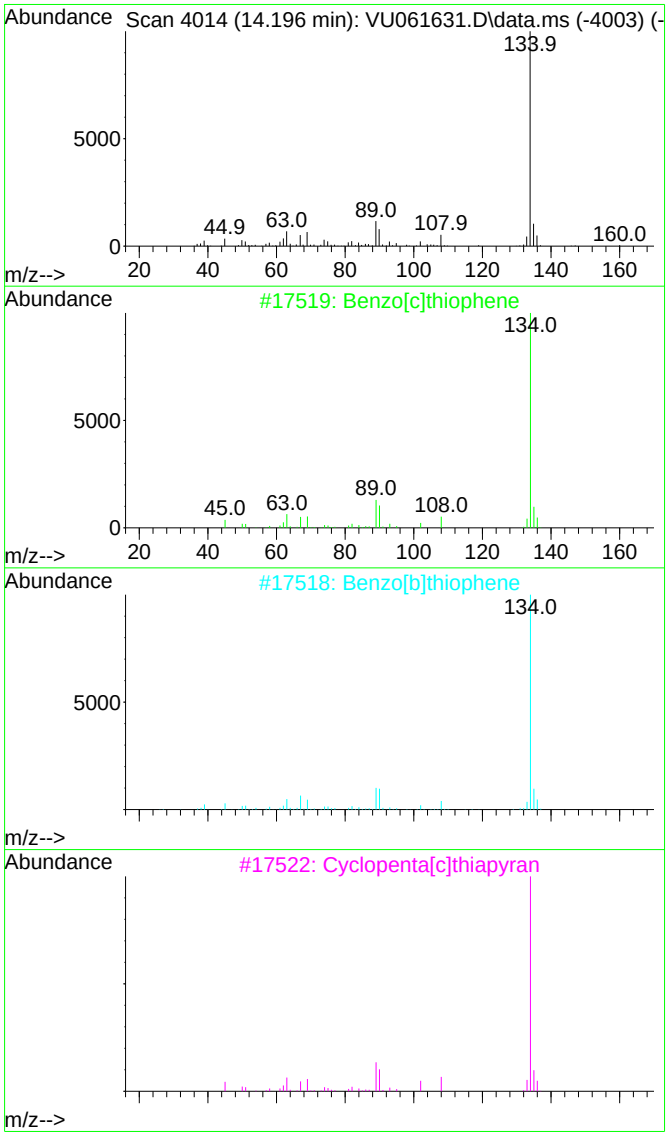
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

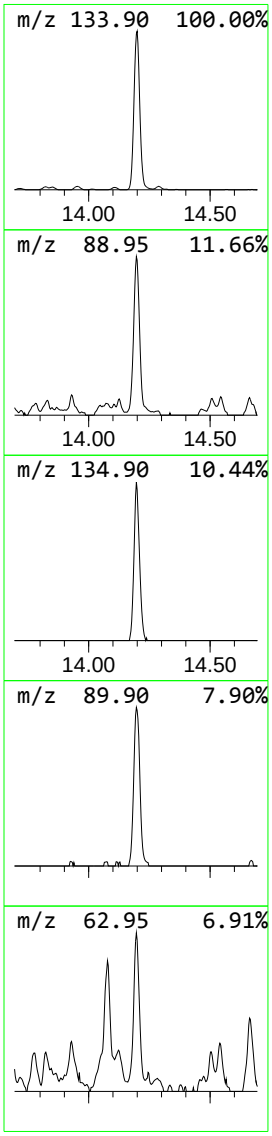
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Benzo[c]thiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.196	2.08 ug/L	216509	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	95
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
3	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
Data File : VU061631.D
Acq On : 13 Nov 2024 18:05
Operator : MD/SY
Sample : P4747-10
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCPC9

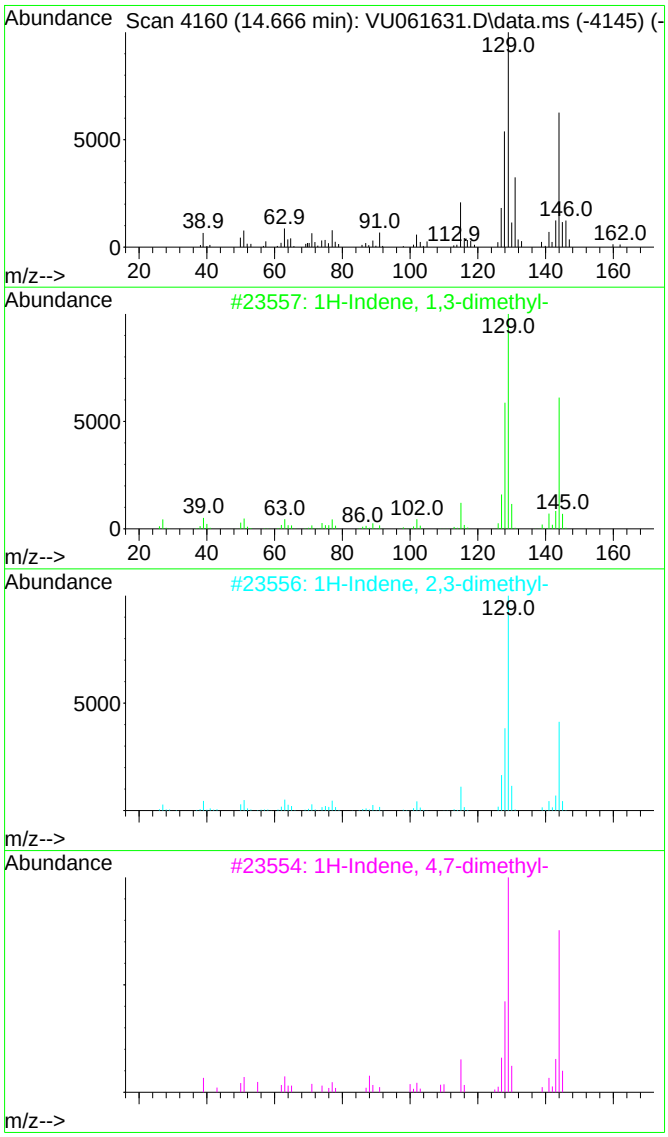
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

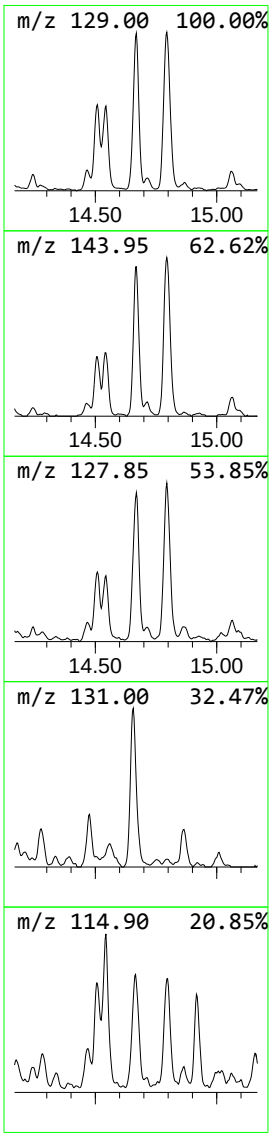
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 1H-Indene, 1,3-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.666	2.03 ug/L	211138	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	94
2	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	94
3	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	87
4	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	81
5	2-Ethyl-1-H-indene	144	C11H12	017059-50-6	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
Data File : VU061631.D
Acq On : 13 Nov 2024 18:05
Operator : MD/SY
Sample : P4747-10
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCPC9

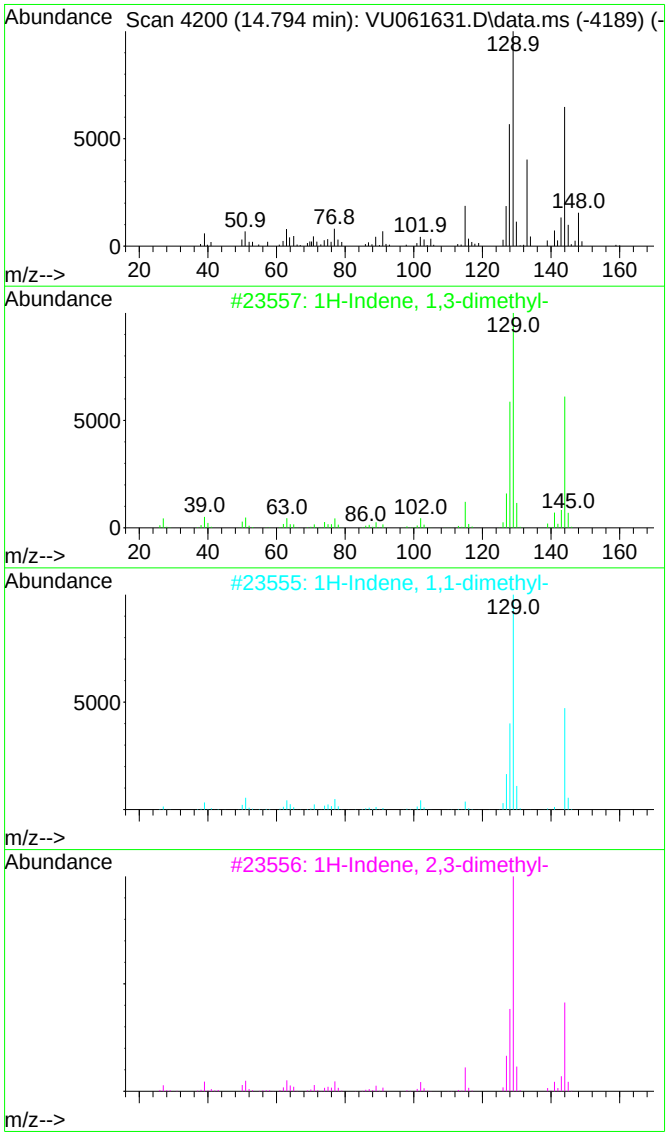
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

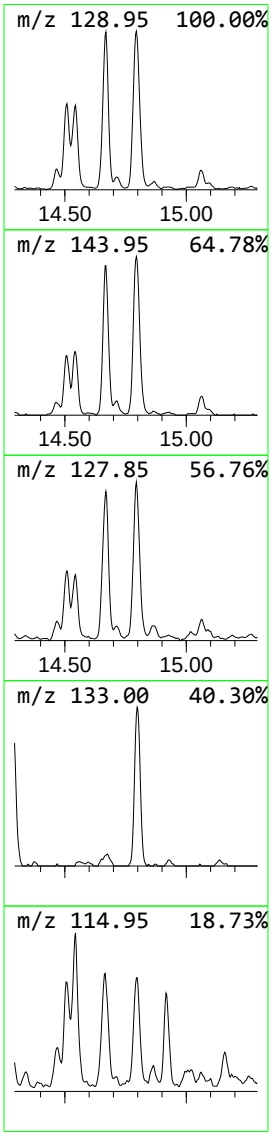
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 1H-Indene, 1,1-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.794	2.00 ug/L	208526	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	95
2	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	93
3	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	86
4	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	86
5	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
Data File : VU061631.D
Acq On : 13 Nov 2024 18:05
Operator : MD/SY
Sample : P4747-10
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCPC9

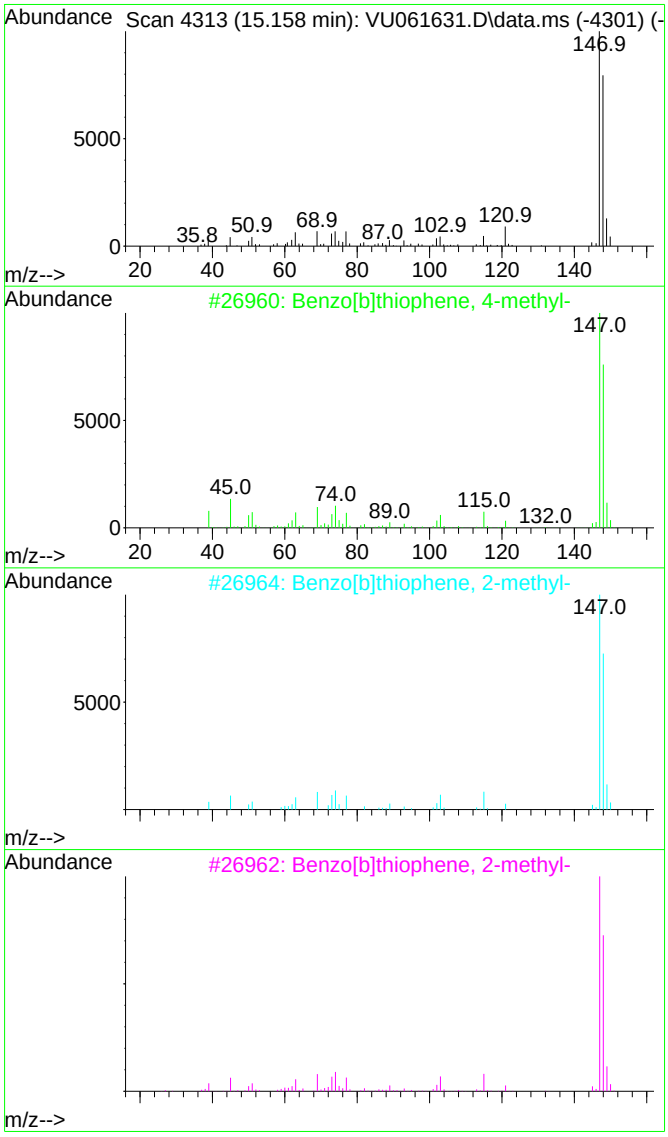
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

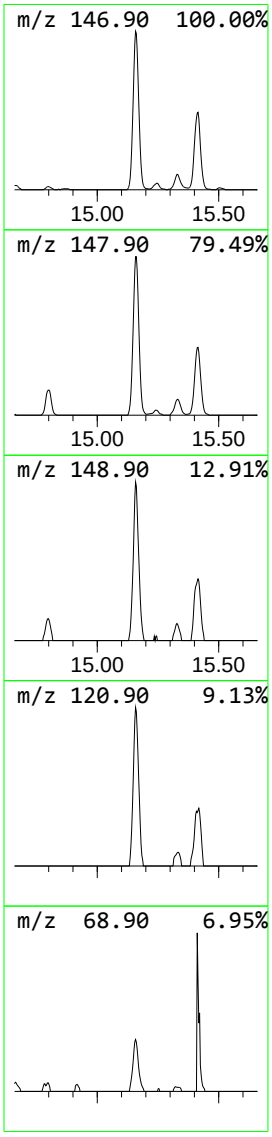
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 Benzo[b]thiophene, 4-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.158	1.64 ug/L	170663	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	91
2	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
3	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
4	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	91
5	3-Methylbenzothiophene	148	C9H8S	001455-18-1	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
Data File : VU061631.D
Acq On : 13 Nov 2024 18:05
Operator : MD/SY
Sample : P4747-10
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCPC9

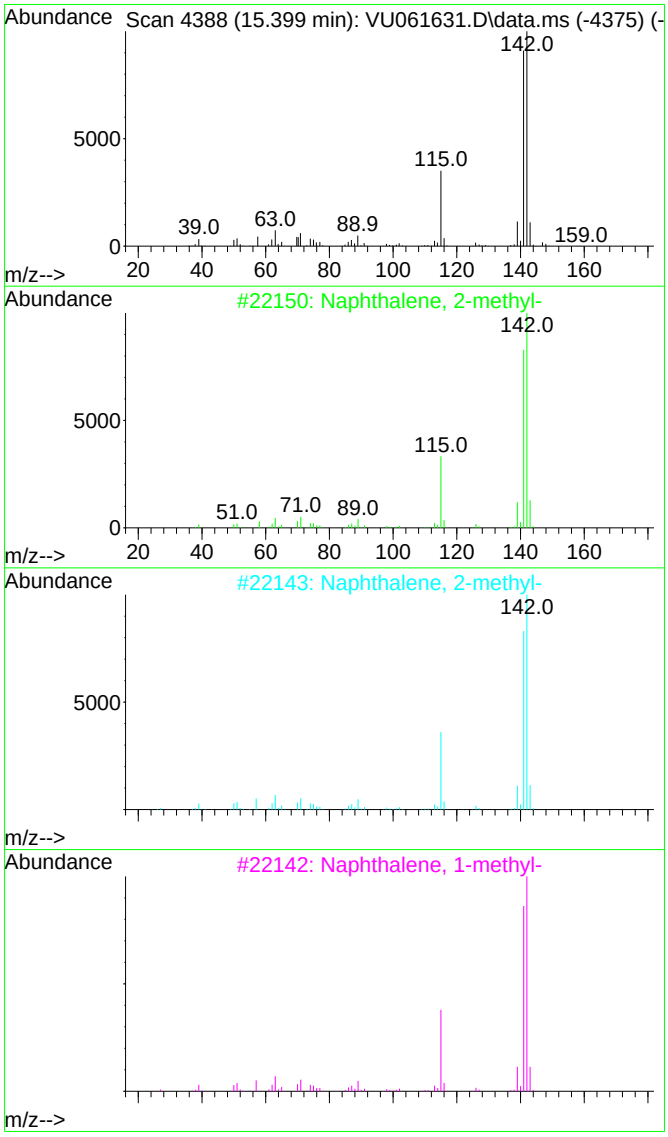
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

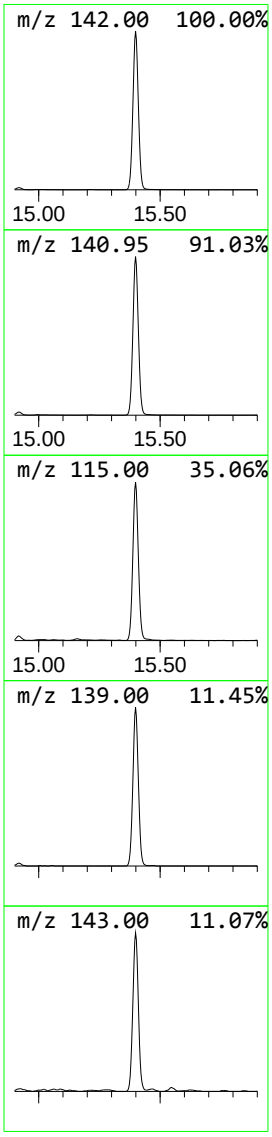
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 Naphthalene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.399	21.79 ug/L	2267460	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, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
Data File : VU061631.D
Acq On : 13 Nov 2024 18:05
Operator : MD/SY
Sample : P4747-10
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCPC9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

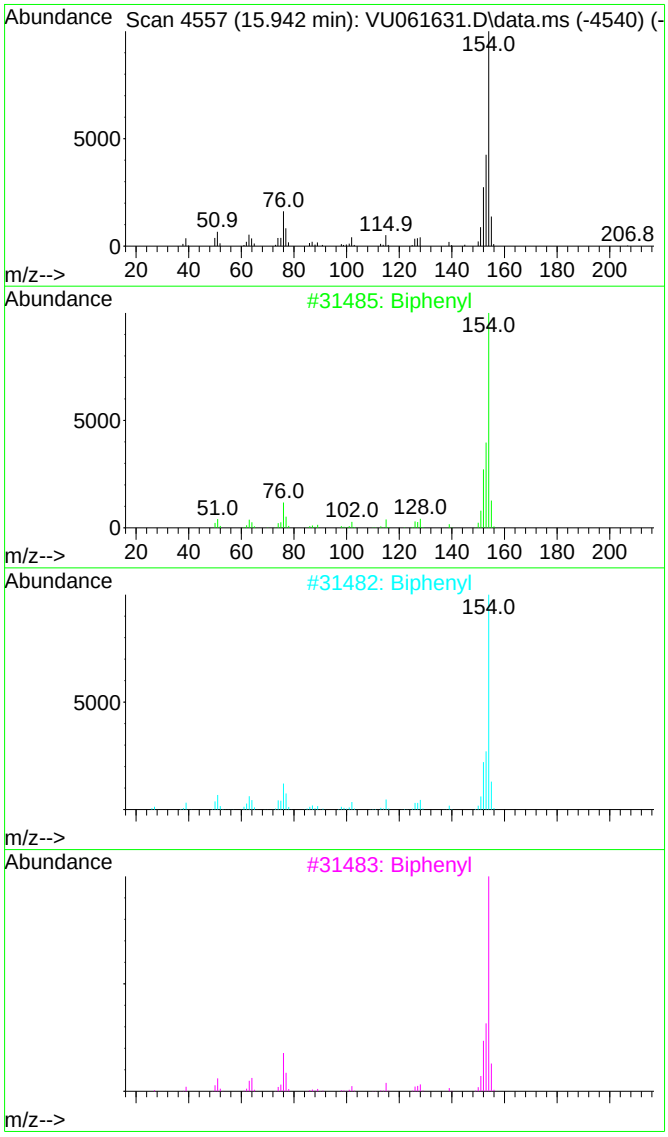
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

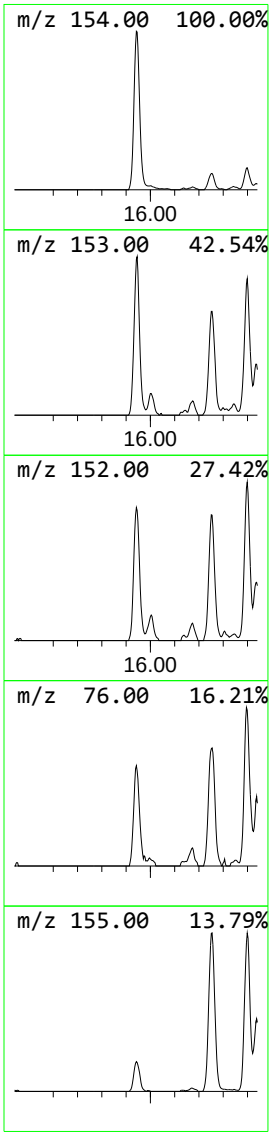
****

Peak Number 43 Biphenyl Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.942	1.24 ug/L	129203	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	94
2	Biphenyl	154	C12H10	000092-52-4	93
3	Biphenyl	154	C12H10	000092-52-4	93
4	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	91
5	Biphenyl	154	C12H10	000092-52-4	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
Data File : VU061631.D
Acq On : 13 Nov 2024 18:05
Operator : MD/SY
Sample : P4747-10
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCPC9

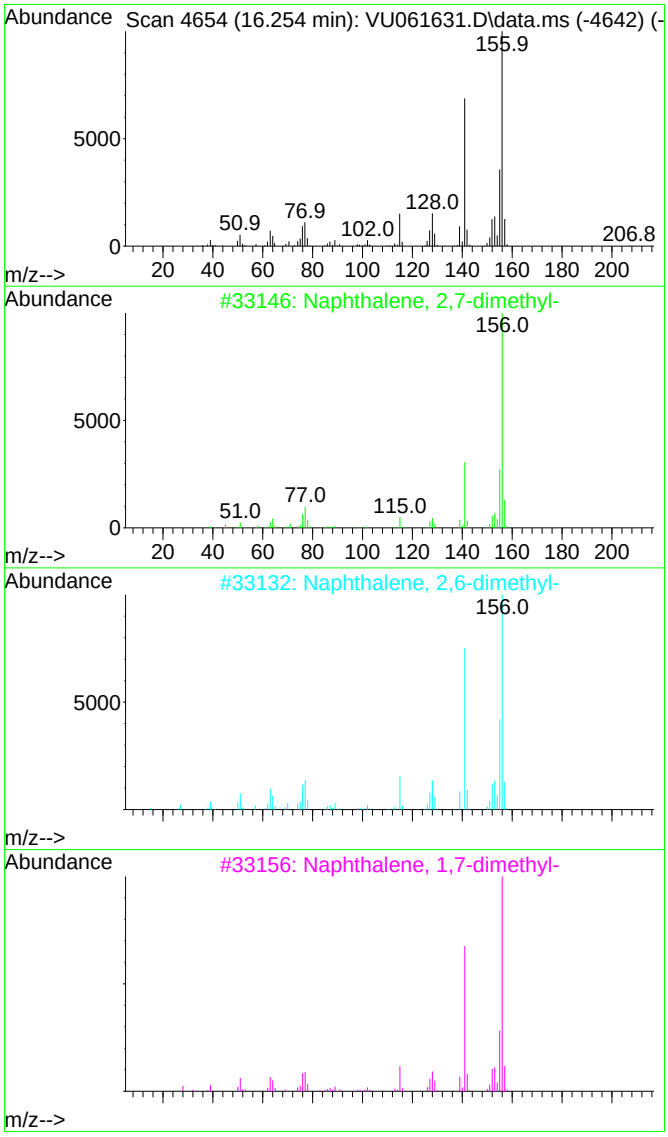
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

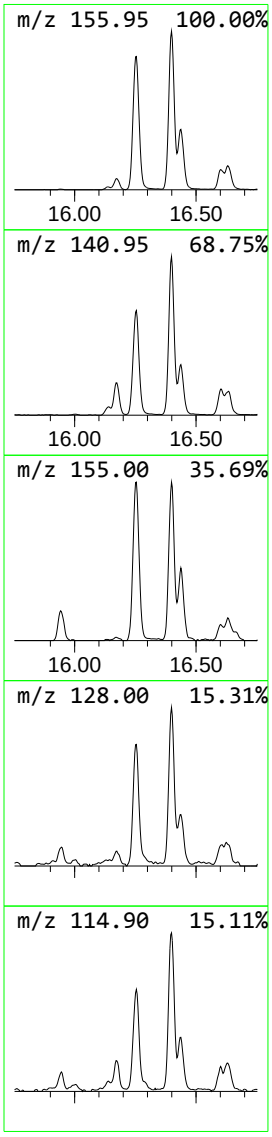
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 Naphthalene, 2,7-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.254	3.82 ug/L	397291	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
Data File : VU061631.D
Acq On : 13 Nov 2024 18:05
Operator : MD/SY
Sample : P4747-10
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCPC9

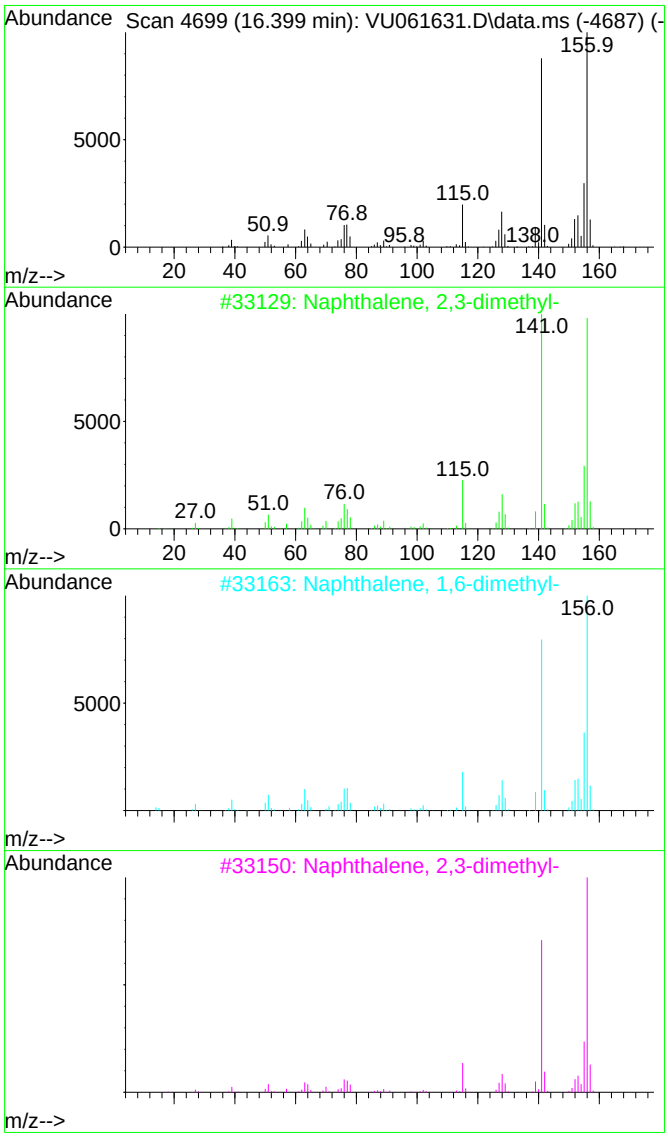
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

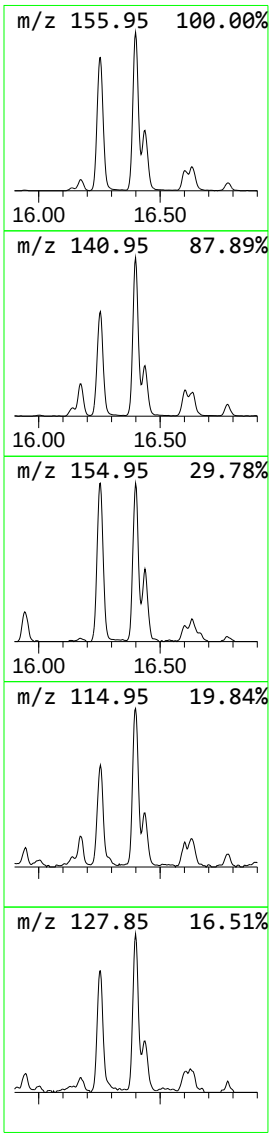
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 Naphthalene, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.399	4.26 ug/L	443347	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	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
Data File : VU061631.D
Acq On : 13 Nov 2024 18:05
Operator : MD/SY
Sample : P4747-10
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCPC9

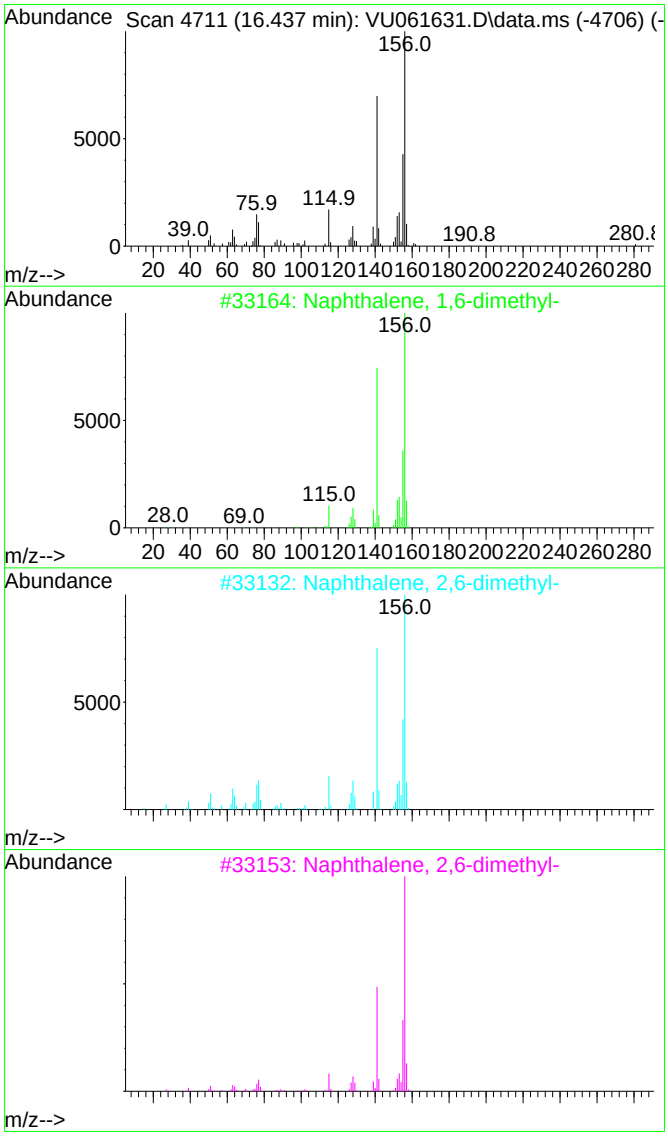
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

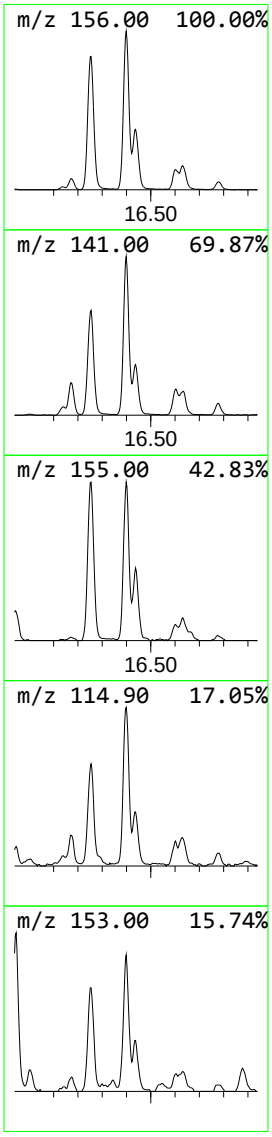
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 Naphthalene, 1,6-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.438	1.48 ug/L	154441	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	90
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	90
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
Data File : VU061631.D
Acq On : 13 Nov 2024 18:05
Operator : MD/SY
Sample : P4747-10
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCPC9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.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	7.8	ug/L	647087	1	6.242	414638	5.0
(DEL) Alkane: C...	2.409	0.6	ug/L	52819	1	6.242	414638	5.0
Cyclopentene	3.014	4.8	ug/L	395408	1	6.242	414638	5.0
Cyclopentene, 4...	4.161	0.6	ug/L	51699	1	6.242	414638	5.0
(DEL) Alkane: C...	4.522	0.6	ug/L	51359	1	6.242	414638	5.0
(DEL) Alkane: S...	5.451	1.0	ug/L	84776	1	6.242	414638	5.0
Benzene, 1-ethy...	11.283	4.5	ug/L	468621	3	11.804	520253	5.0
Benzene, 1-ethe...	11.531	3.2	ug/L	329578	3	11.804	520253	5.0
Benzene, 1,2,3-...	11.885	8.2	ug/L	853544	3	11.804	520253	5.0
Indene	12.303	5.3	ug/L	551662	3	11.804	520253	5.0
2,4-Dimethylsty...	12.479	1.5	ug/L	157185	3	11.804	520253	5.0
o-Cymene	12.563	2.0	ug/L	212549	3	11.804	520253	5.0
Benzene, 1-ethe...	12.672	3.7	ug/L	385909	3	11.804	520253	5.0
Benzene, (2-met...	12.737	7.8	ug/L	809935	3	11.804	520253	5.0
Benzene, 1-ethy...	12.865	1.2	ug/L	126781	3	11.804	520253	5.0
Benzene, 1,2,3,...	12.962	5.1	ug/L	527335	3	11.804	520253	5.0
Benzene, 1,2,3,...	13.016	8.2	ug/L	852249	3	11.804	520253	5.0
Benzene, 2-ethe...	13.078	1.5	ug/L	158870	3	11.804	520253	5.0
Benzene, 1-ethe...	13.139	2.7	ug/L	278848	3	11.804	520253	5.0
Benzene, 1,2,4,...	13.438	9.1	ug/L	948503	3	11.804	520253	5.0
2-Methylindene	13.508	12.1	ug/L	1254220	3	11.804	520253	5.0
1,4-Dihydronaph...	13.618	22.5	ug/L	2338630	3	11.804	520253	5.0
1H-Indene, 2,3-...	13.778	1.1	ug/L	109650	3	11.804	520253	5.0
1H-Indene, 2,3-...	13.933	2.1	ug/L	215013	3	11.804	520253	5.0
Azulene	14.077	2.6	ug/L	272430	3	11.804	520253	5.0
Benzo[c]thiophene	14.196	2.1	ug/L	216509	3	11.804	520253	5.0
1H-Indene, 1,3-...	14.666	2.0	ug/L	211138	3	11.804	520253	5.0
1H-Indene, 1,1-...	14.794	2.0	ug/L	208526	3	11.804	520253	5.0
Benzo[b]thiophe...	15.158	1.6	ug/L	170663	3	11.804	520253	5.0
Naphthalene, 2-...	15.399	21.8	ug/L	2267460	3	11.804	520253	5.0
Biphenyl	15.942	1.2	ug/L	129203	3	11.804	520253	5.0
Naphthalene, 2,...	16.254	3.8	ug/L	397291	3	11.804	520253	5.0
Naphthalene, 2,...	16.399	4.3	ug/L	443347	3	11.804	520253	5.0
Naphthalene, 1,...	16.438	1.5	ug/L	154441	3	11.804	520253	5.0