LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
Data File : VU046541.D
Acq On : 21 Dec 2021 22:33
Operator : SY/MD
Sample : M5170-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AN6

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\SFAMUTR122121WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU046541.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.363	3	7	22	rVB2	7351	9490	1.97%	0.113%
2	1.475	37	42	50	rVB	6560	6561	1.36%	0.078%
3	1.604	72	82	99	rVB	40844	51176	10.60%	0.608%
4	1.922	171	181	199	rBV	29332	42039	8.71%	0.499%
5	2.575	371	384	397	rBV	69681	113047	23.41%	1.342%
6	2.678	397	416	418	rBV	3851	8256	1.71%	0.098%
7	3.369	615	631	648	rVB3	4508	10570	2.19%	0.126%
8	4.661	1014	1033	1077	rBV2	36459	179222	37.12%	2.128%
9	5.070	1144	1160	1184	rBV	57255	127353	26.37%	1.512%
10	5.729	1345	1365	1389	rBV2	114126	307040	63.59%	3.646%
11	6.253	1514	1528	1556	rBB	89863	169275	35.06%	2.010%
12	6.694	1652	1665	1684	rBV	71398	139171	28.82%	1.652%
13	6.883	1714	1724	1734	rBV3	3286	6115	1.27%	0.073%
14	7.568	1926	1937	1952	rBV	36394	61486	12.73%	0.730%
15	7.796	1997	2008	2028	rBV2	21191	39844	8.25%	0.473%
16	7.899	2028	2040	2054	rVV	144531	248291	51.42%	2.948%
17	7.970	2054	2062	2076	rVB	15450	25565	5.29%	0.304%
18	8.182	2117	2128	2142	rBV2	24075	39626	8.21%	0.470%
19	8.639	2257	2270	2300	rBV	235693	440796	91.29%	5.234%
20	8.787	2306	2316	2326	rBV2	26045	45070	9.33%	0.535%
21	8.835	2326	2331	2347	rVB2	6160	11080	2.29%	0.132%
22	9.420	2501	2513	2532	rBV	133725	215835	44.70%	2.563%
23	9.571	2551	2560	2577	rBV2	12573	20625	4.27%	0.245%
24	9.693	2588	2598	2610	rBV2	32147	53495	11.08%	0.635%
25	9.754	2610	2617	2631	rVB6	3574	6482	1.34%	0.077%
26	10.102	2715	2725	2733	rBV2	9844	17285	3.58%	0.205%
27	10.234	2751	2766	2777	rBV4	8536	16525	3.42%	0.196%
28	10.346	2791	2801	2819	rVV2	15506	25663	5.31%	0.305%
29	10.758	2918	2929	2942	rBV2	69346	109029	22.58%	1.295%
30	10.906	2964	2975	2988	rVB	16722	26411	5.47%	0.314%
31	10.999	2994	3004	3009	rBV	46619	74617	15.45%	0.886%
32	11.089	3024	3032	3062	rVB	28250	52099	10.79%	0.619%
33	11.295	3086	3096	3107	rVB2	18607	28748	5.95%	0.341%
34	11.468	3137	3150	3166	rVB	185477	276629	57.29%	3.285%
35	11.571	3173	3182	3189	rBV2	5372	7476	1.55%	0.089%
36	11.642	3199	3204	3209	rVV2	4754	6956	1.44%	0.083%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
Data File : VU046541.D
Acq On : 21 Dec 2021 22:33
Operator : SY/MD
Sample : M5170-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AN6

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\SFAMUTR122121WMA.M
Title : TRACE VOA SFAM1.0

37	11.687	3209	3218	3229	rVV	57625	92579	19.17%	1.099%
38	11.745	3229	3236	3243	rVV	14071	20501	4.25%	0.243%
39	11.812	3243	3257	3271	rVB2	154821	262847	54.43%	3.121%
40	11.896	3271	3283	3295	rBV	62984	97403	20.17%	1.157%
41	12.060	3324	3334	3338	rBV2	13775	21103	4.37%	0.251%
42	12.098	3338	3346	3349	rVV2	53228	78123	16.18%	0.928%
43	12.127	3350	3355	3363	rVB	71301	98751	20.45%	1.173%
44	12.192	3363	3375	3395	rVB4	257872	482877	100.00%	5.733%
45	12.301	3398	3409	3420	rBV8	4935	10029	2.08%	0.119%
46	12.378	3420	3433	3445	rVB	29402	48134	9.97%	0.572%
47	12.465	3445	3460	3465	rBV	48106	77060	15.96%	0.915%
48	12.497	3465	3470	3480	rVB	54419	76024	15.74%	0.903%
49	12.571	3480	3493	3501	rBV	107606	161634	33.47%	1.919%
50	12.610	3501	3505	3516	rVB	17784	24692	5.11%	0.293%
51	12.680	3517	3527	3533	rBV	32981	57624	11.93%	0.684%
52	12.770	3549	3555	3561	rBV5	5155	8546	1.77%	0.101%
53	12.809	3563	3567	3576	rVB2	7627	9557	1.98%	0.113%
54	12.886	3579	3591	3603	rBV2	291782	427003	88.43%	5.070%
55	12.973	3604	3618	3626	rBV	84633	126602	26.22%	1.503%
56	13.028	3626	3635	3651	rVB	128214	204388	42.33%	2.427%
57	13.108	3651	3660	3665	rBV	26054	42996	8.90%	0.511%
58	13.169	3674	3679	3686	rVB	19059	22473	4.65%	0.267%
59	13.211	3686	3692	3700	rVB5	7426	12399	2.57%	0.147%
60	13.291	3702	3717	3728	rVB3	111764	202889	42.02%	2.409%
61	13.356	3728	3737	3745	rBV2	39915	58898	12.20%	0.699%
62	13.407	3745	3753	3758	rBV4	26237	42706	8.84%	0.507%
63	13.455	3758	3768	3780	rVV4	165482	274893	56.93%	3.264%
64	13.561	3793	3801	3809	rVB	35608	49698	10.29%	0.590%
65	13.622	3810	3820	3834	rVB	86747	145002	30.03%	1.722%
66	13.735	3846	3855	3862	rBV2	28574	42944	8.89%	0.510%
67	13.786	3862	3871	3878	rBV2	34908	54415	11.27%	0.646%
68	13.838	3878	3887	3903	rBV5	60997	136420	28.25%	1.620%
69	13.944	3913	3920	3924	rBV	25429	36264	7.51%	0.431%
70	14.021	3940	3944	3951	rVB3	5871	6308	1.31%	0.075%
71	14.085	3952	3964	3981	rVB	75729	137298	28.43%	1.630%
72	14.192	3982	3997	4011	rVB3	70825	136853	28.34%	1.625%
73	14.288	4011	4027	4041	rBV4	58836	144339	29.89%	1.714%
74	14.346	4041	4045	4053	rVB2	13926	17748	3.68%	0.211%
75	14.397	4055	4061	4066	rBV2	8731	10868	2.25%	0.129%
76	14.487	4078	4089	4100	rBV2	44323	77791	16.11%	0.924%

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Operator : SY/MD
Sample : M5170-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AN6

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\SFAMUTR122121WMA.M
Title : TRACE VOA SFAM1.0

77	14.542	4100	4106	4115	rVB6	5209	8462	1.75%	0.100%
78	14.606	4118	4126	4133	rBV3	9902	13801	2.86%	0.164%
79	14.687	4133	4151	4162	rBV	176434	338314	70.06%	4.017%
80	14.809	4181	4189	4202	rBV3	26852	46822	9.70%	0.556%
81	14.880	4202	4211	4220	rVV3	43367	69612	14.42%	0.827%
82	14.938	4221	4229	4239	rVB5	9676	15792	3.27%	0.188%
83	15.018	4239	4254	4269	rBV2	82300	152550	31.59%	1.811%
84	15.201	4300	4311	4315	rBV2	106707	181415	37.57%	2.154%
85	15.272	4326	4333	4347	rVB2	48821	84180	17.43%	1.000%
86	15.349	4347	4357	4367	rBV3	19744	33744	6.99%	0.401%
87	15.410	4367	4376	4386	rVV3	23069	42213	8.74%	0.501%
88	15.468	4386	4394	4399	rVV3	24574	41603	8.62%	0.494%
89	15.503	4399	4405	4417	rVB4	26277	42186	8.74%	0.501%
90	15.577	4419	4428	4443	rBV3	26062	55661	11.53%	0.661%
91	15.684	4454	4461	4472	rVB10	5051	9765	2.02%	0.116%
92	15.764	4472	4486	4496	rBV7	10327	23679	4.90%	0.281%
93	15.928	4522	4537	4553	rBV4	36318	85670	17.74%	1.017%
94	16.008	4553	4562	4568	rBV8	5527	9779	2.03%	0.116%
95	16.089	4579	4587	4596	rVB7	4926	8766	1.82%	0.104%
96	16.150	4596	4606	4623	rBV5	12942	23233	4.81%	0.276%
97	16.262	4625	4641	4651	rBV8	14782	29698	6.15%	0.353%
98	16.317	4651	4658	4668	rBV6	5679	12961	2.68%	0.154%
99	16.407	4677	4686	4694	rVV7	15335	26001	5.38%	0.309%
100	16.449	4694	4699	4708	rVB9	5720	8630	1.79%	0.102%

Sum of corrected areas: 8422164

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
Data File : VU046541.D
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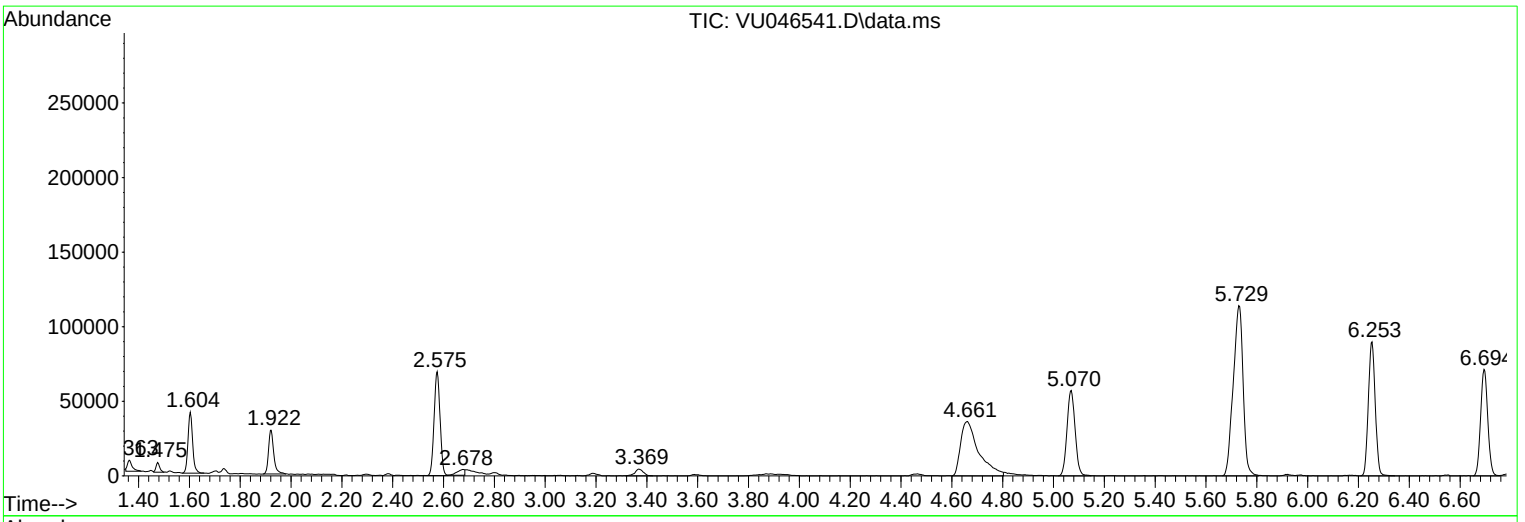
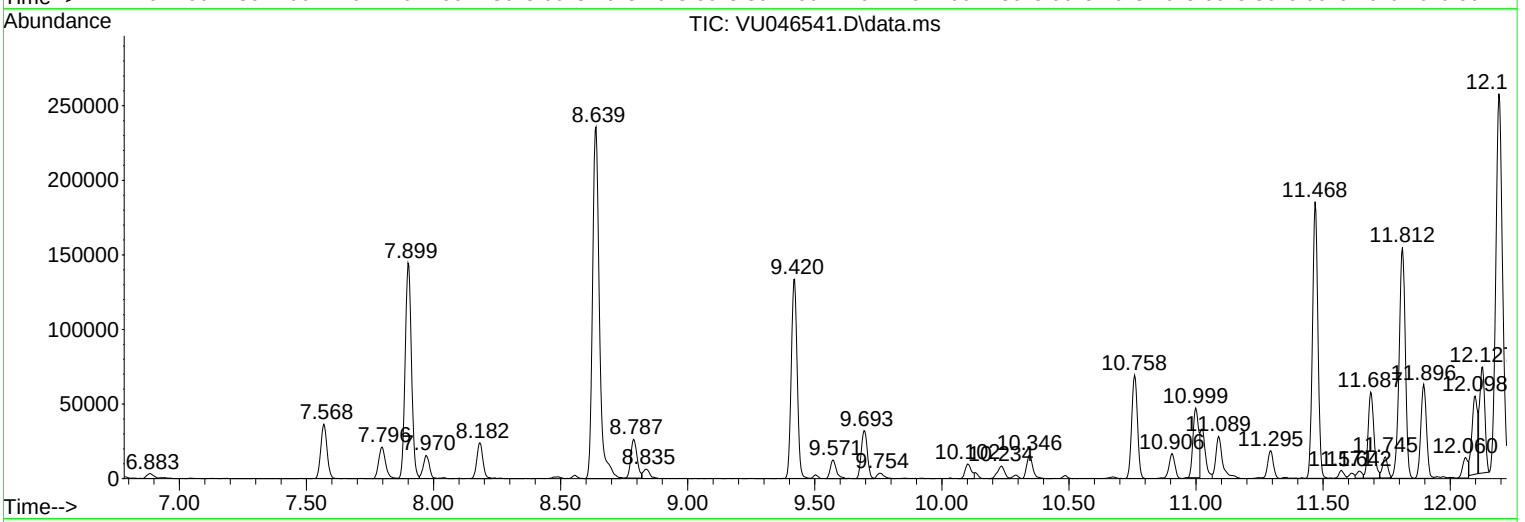
Sample : M5170-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

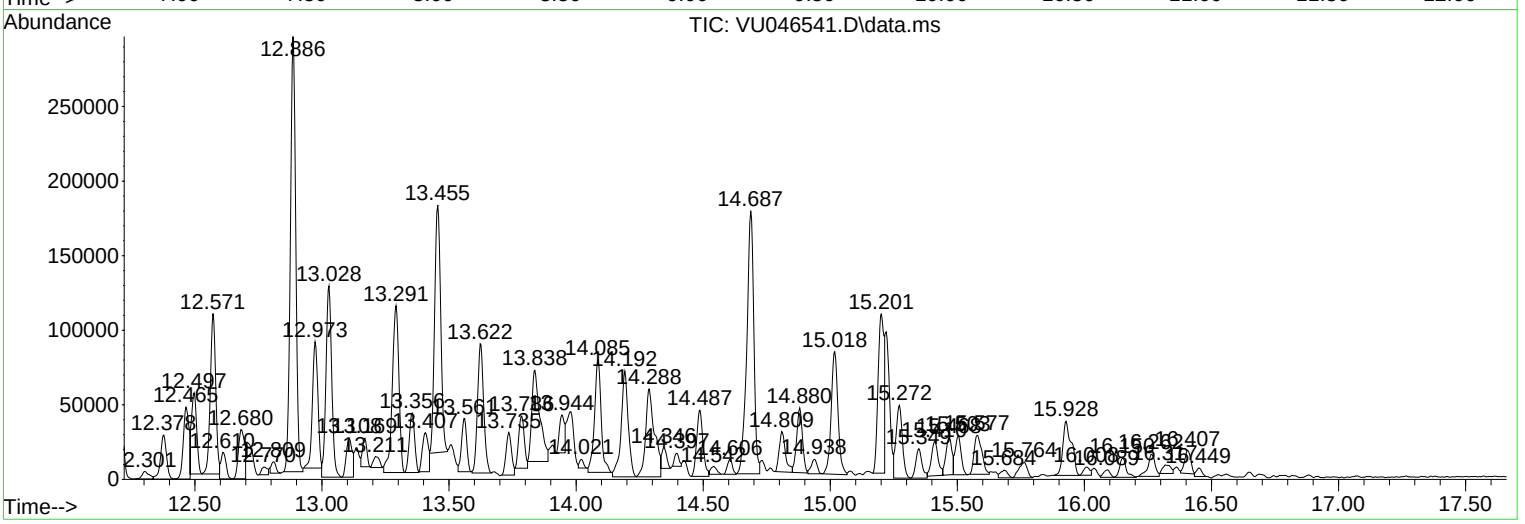
Instrument :
MSVOA_U
ClientSampleId :
H0AN6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.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\VU122121\
Data File : VU046541.D
Acq On : 21 Dec 2021 22:33
Operator : SY/MD
Sample : M5170-01
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ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AN6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

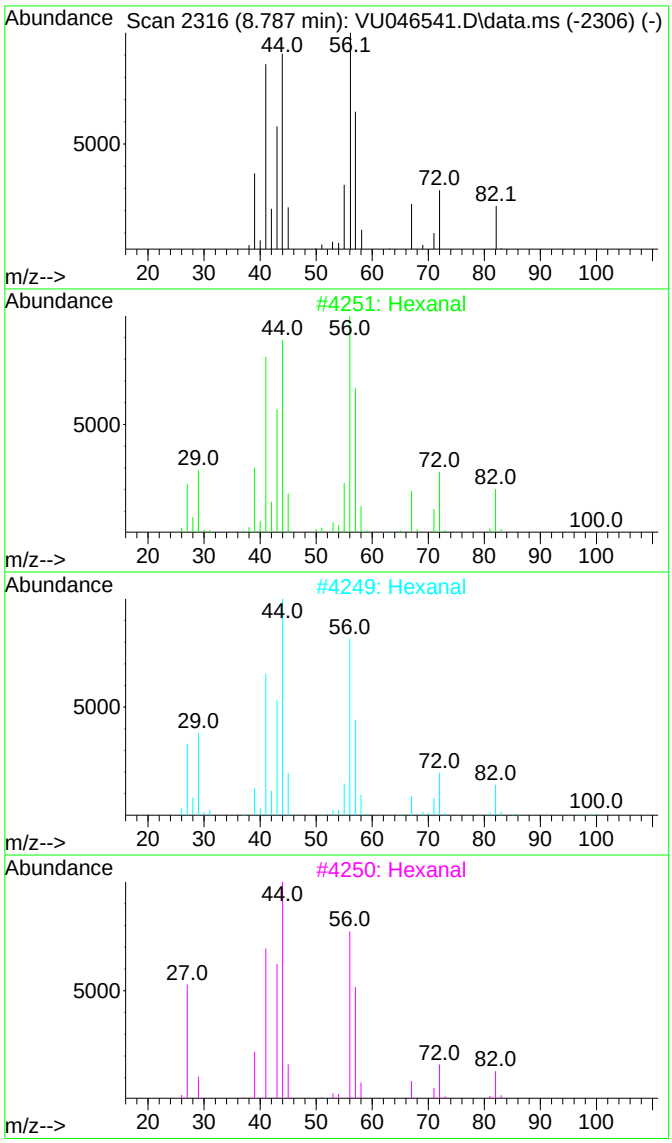
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

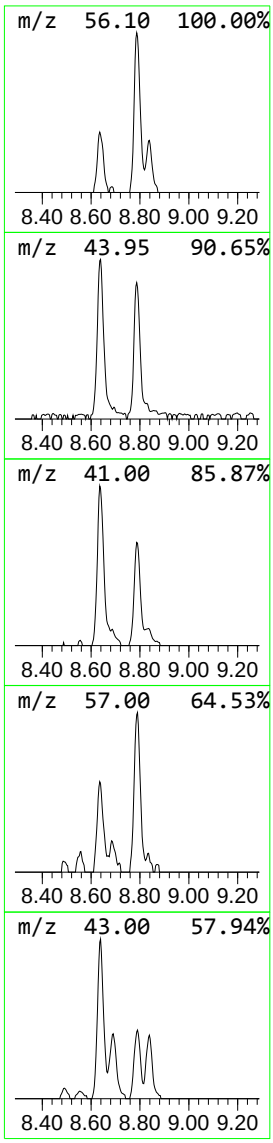
****

Peak Number 2 Hexanal Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.787	1.04 ug/L	45070	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	90
2	Hexanal	100	C6H12O	000066-25-1	78
3	Hexanal	100	C6H12O	000066-25-1	78
4	Hexanal	100	C6H12O	000066-25-1	78
5	Hexanal	100	C6H12O	000066-25-1	78





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Data File : VU046541.D
Acq On : 21 Dec 2021 22:33
Operator : SY/MD
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AN6

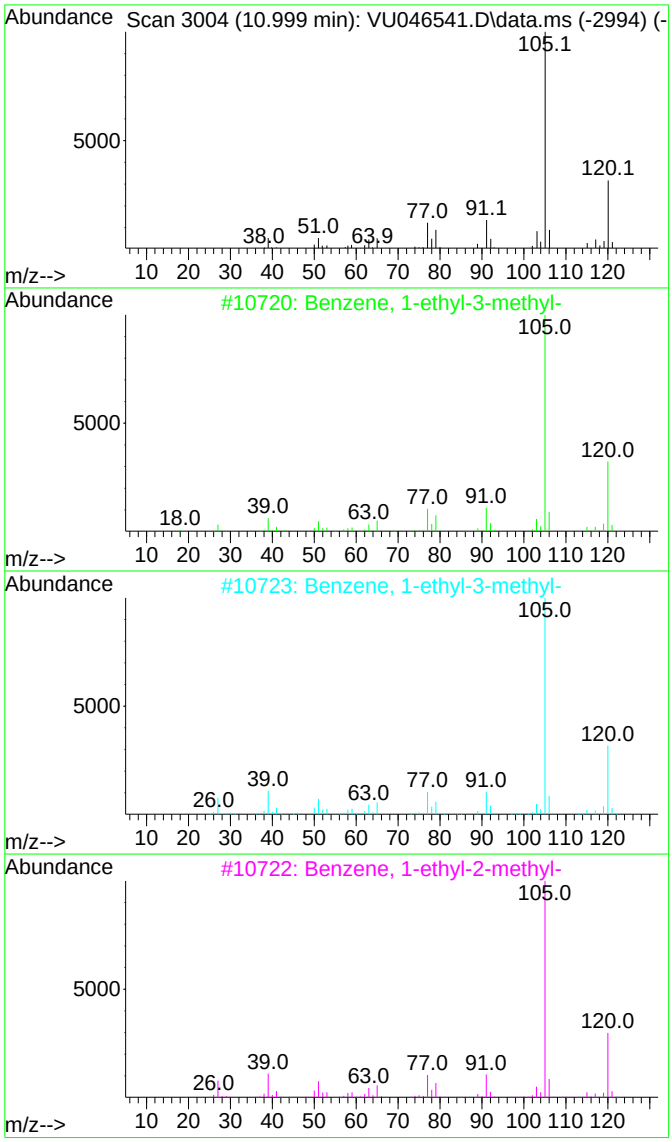
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

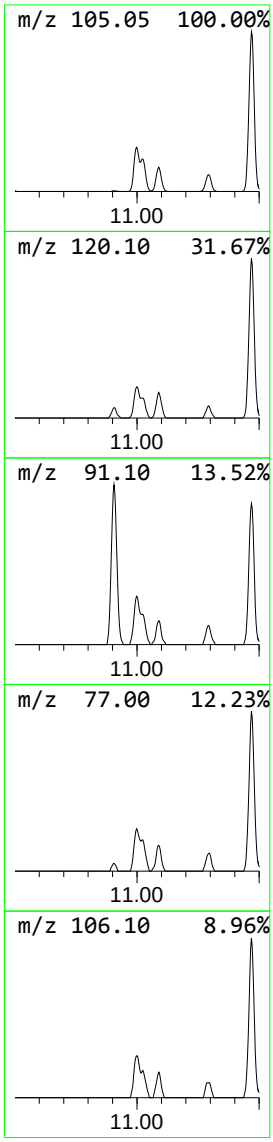
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.999	1.42 ug/L	74617	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AN6

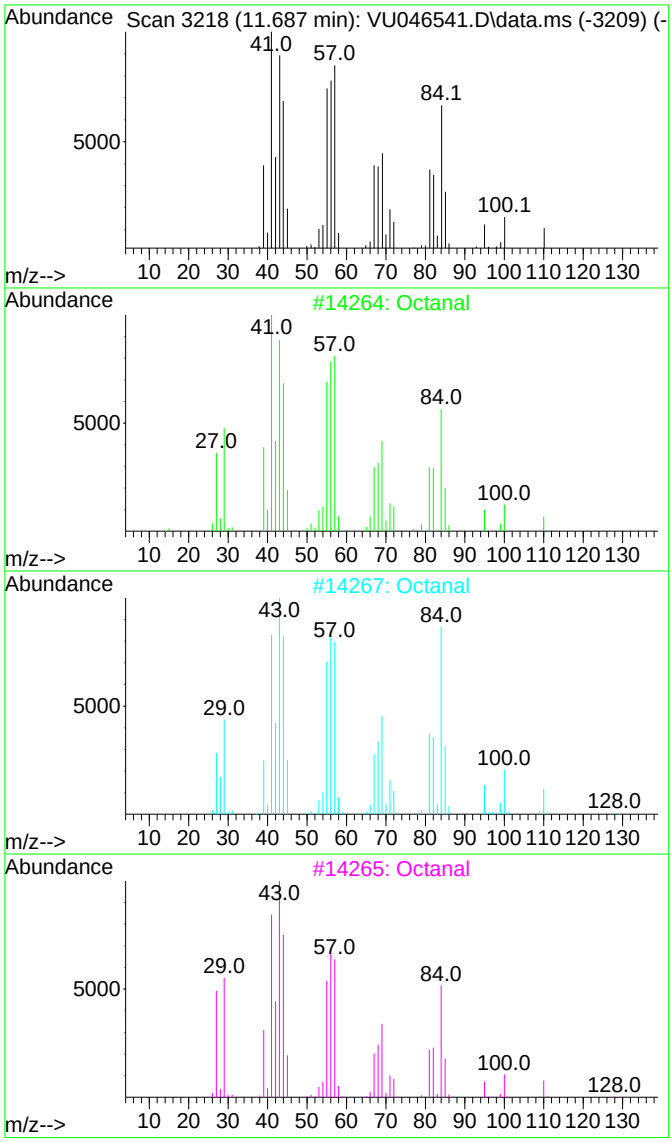
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

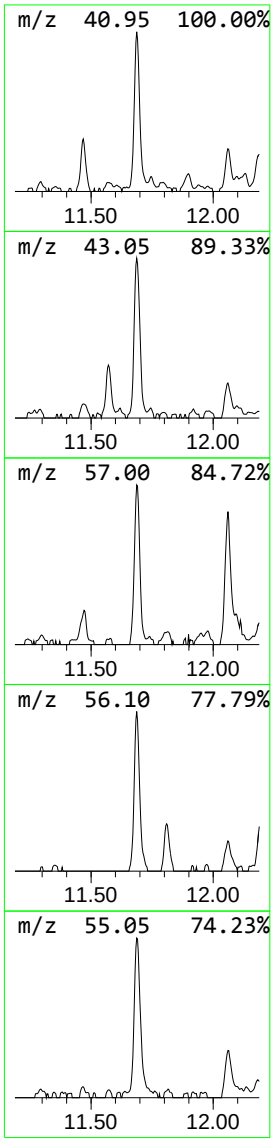
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Octanal Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.687	1.76 ug/L	92579	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal	128	C8H16O	000124-13-0	91
2	Octanal	128	C8H16O	000124-13-0	83
3	Octanal	128	C8H16O	000124-13-0	64
4	Octanal	128	C8H16O	000124-13-0	64
5	Octanal	128	C8H16O	000124-13-0	59





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ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AN6

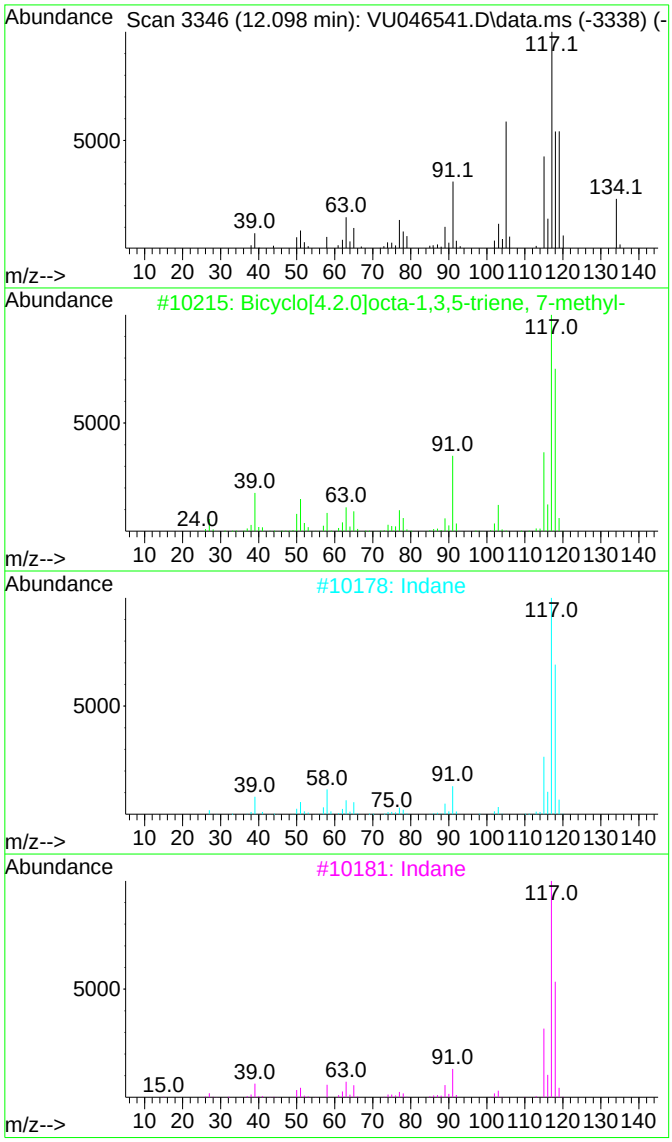
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

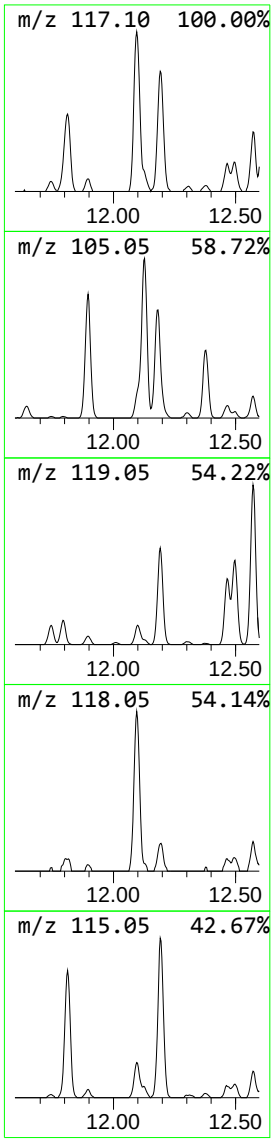
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.098	1.49 ug/L	78123	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	91
2	Indane	118	C9H10	000496-11-7	87
3	Indane	118	C9H10	000496-11-7	87
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	86
5	7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
Data File : VU046541.D
Acq On : 21 Dec 2021 22:33
Operator : SY/MD
Sample : M5170-01
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ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AN6

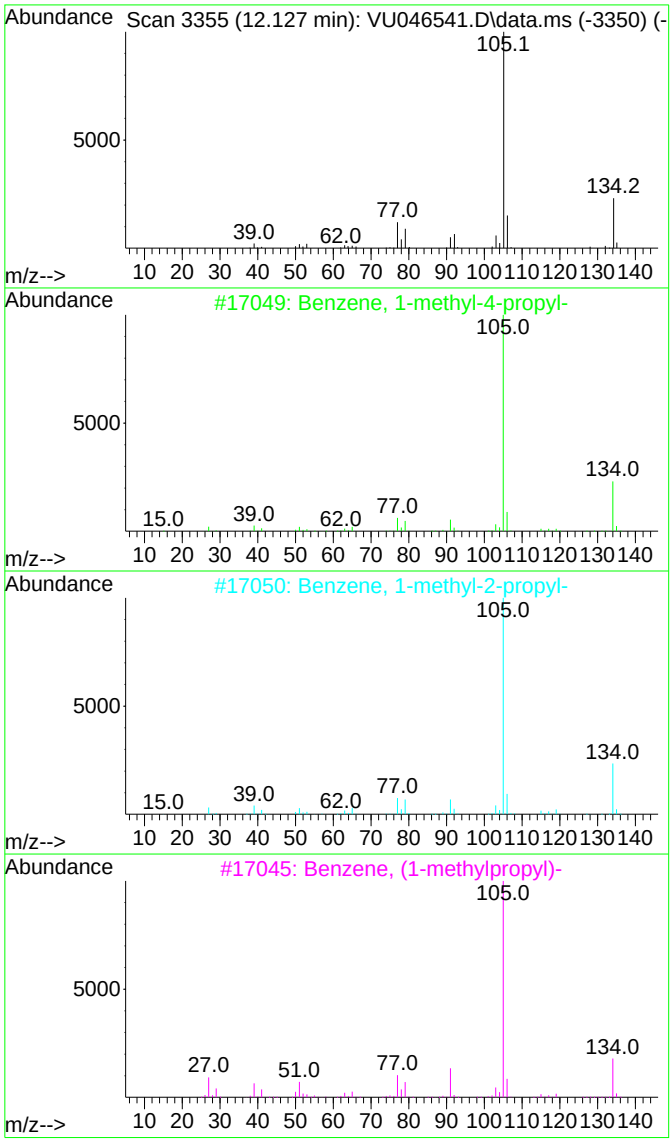
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

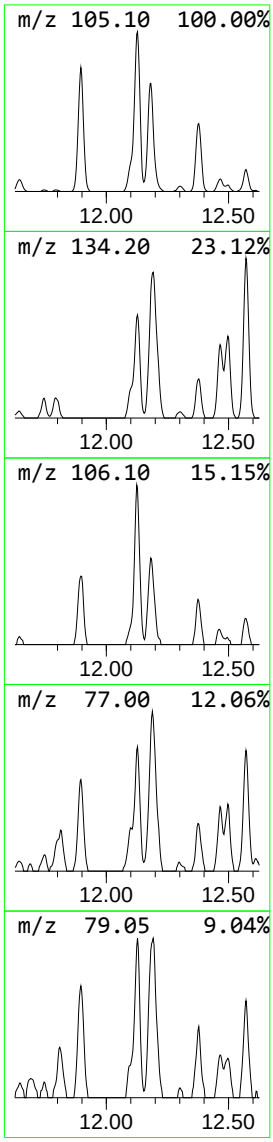
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-methyl-2-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.127	1.88 ug/L	98751	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	90
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
Data File : VU046541.D
Acq On : 21 Dec 2021 22:33
Operator : SY/MD
Sample : M5170-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AN6

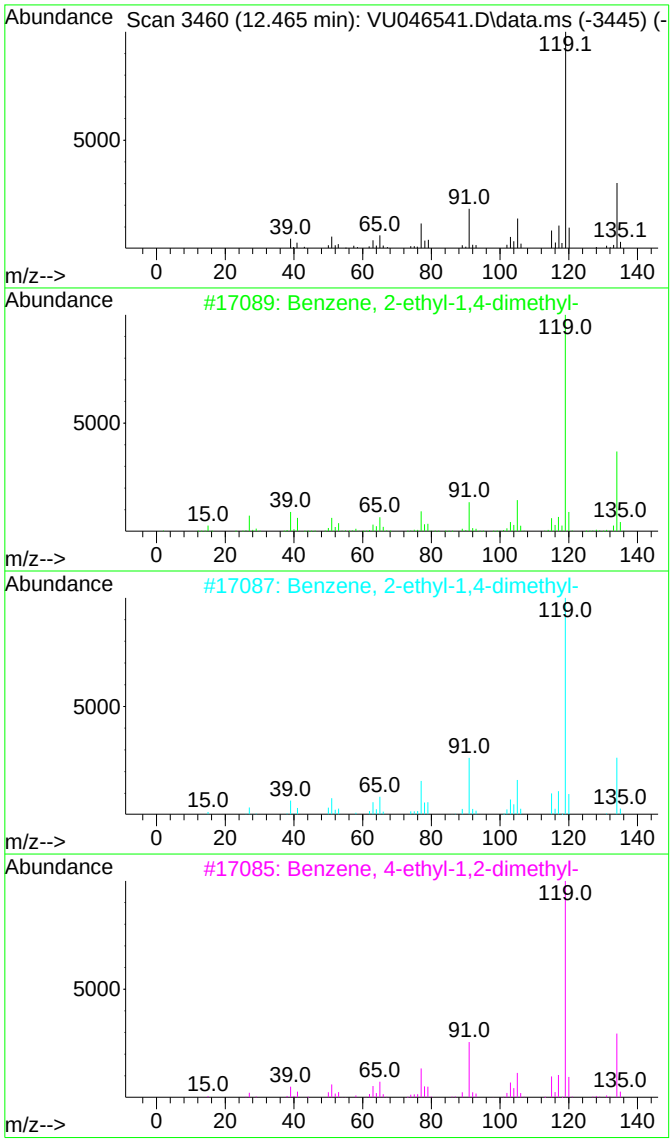
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

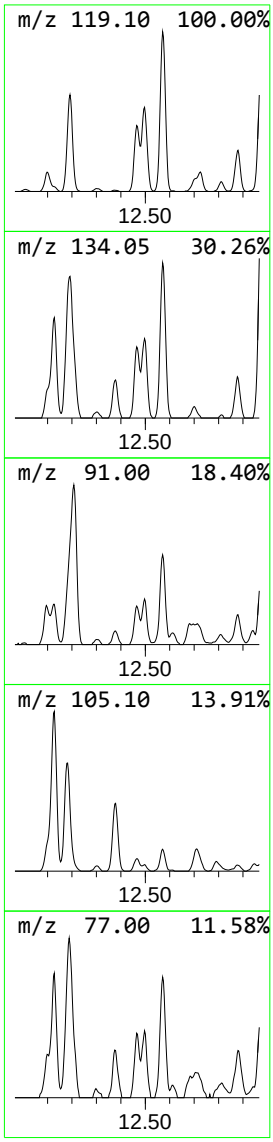
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.465	1.47 ug/L	77060	1,4-Dichlorobenzene-d4	11.812

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-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
Data File : VU046541.D
Acq On : 21 Dec 2021 22:33
Operator : SY/MD
Sample : M5170-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AN6

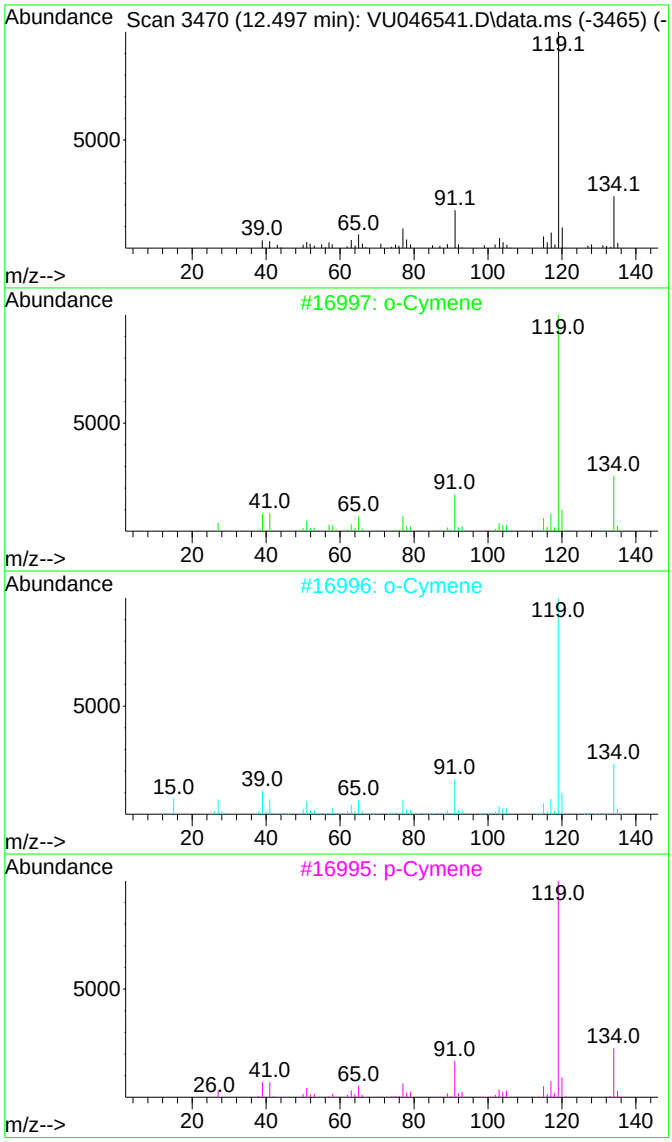
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

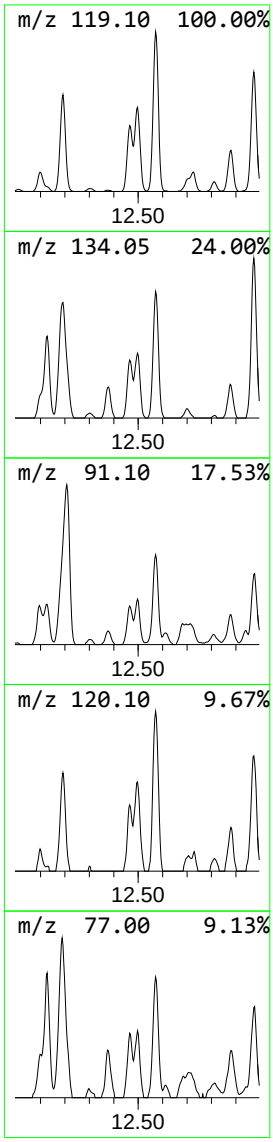
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 o-Cymene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.497	1.45 ug/L	76024	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	p-Cymene	134	C10H14	000099-87-6	97
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





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Data File : VU046541.D
Acq On : 21 Dec 2021 22:33
Operator : SY/MD
Sample : M5170-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AN6

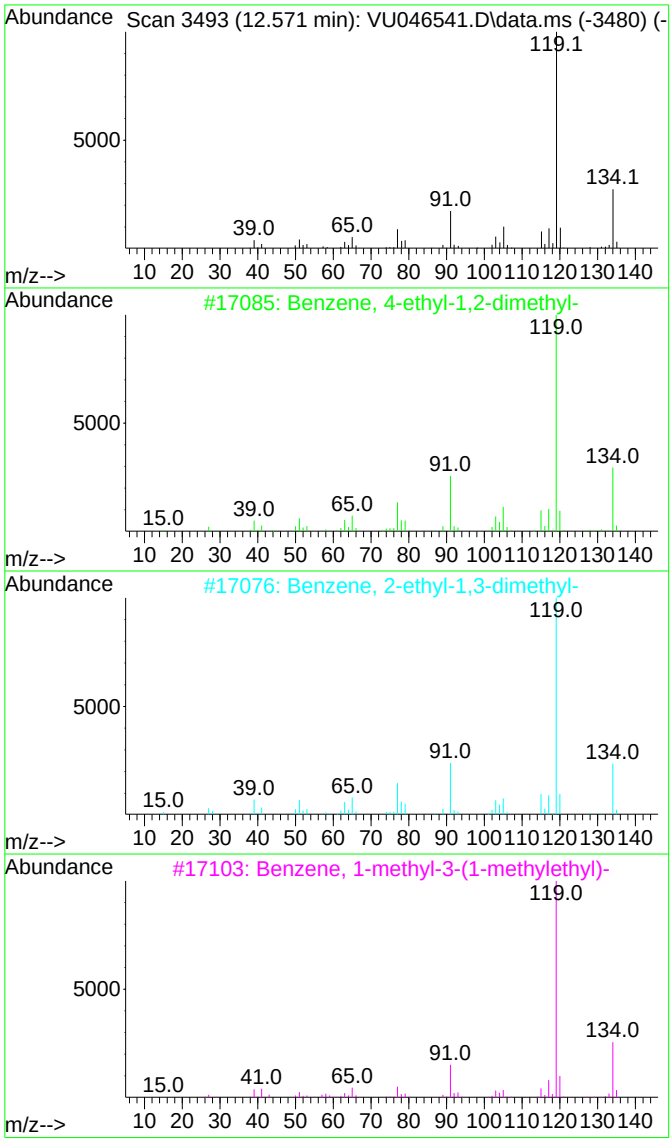
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

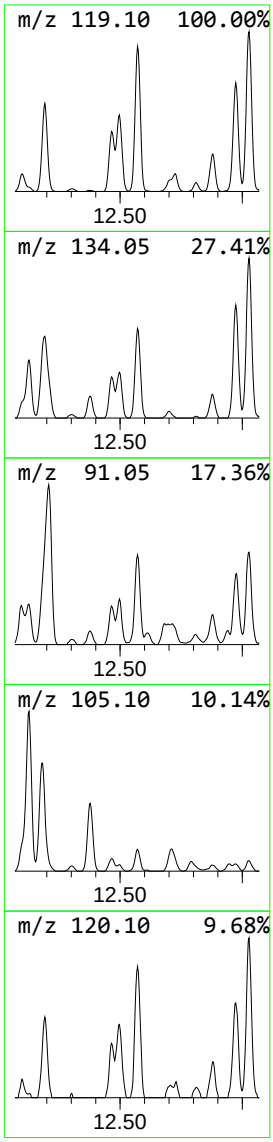
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.571	3.07 ug/L	161634	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	p-Cymene	134	C10H14	000099-87-6	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
Data File : VU046541.D
Acq On : 21 Dec 2021 22:33
Operator : SY/MD
Sample : M5170-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AN6

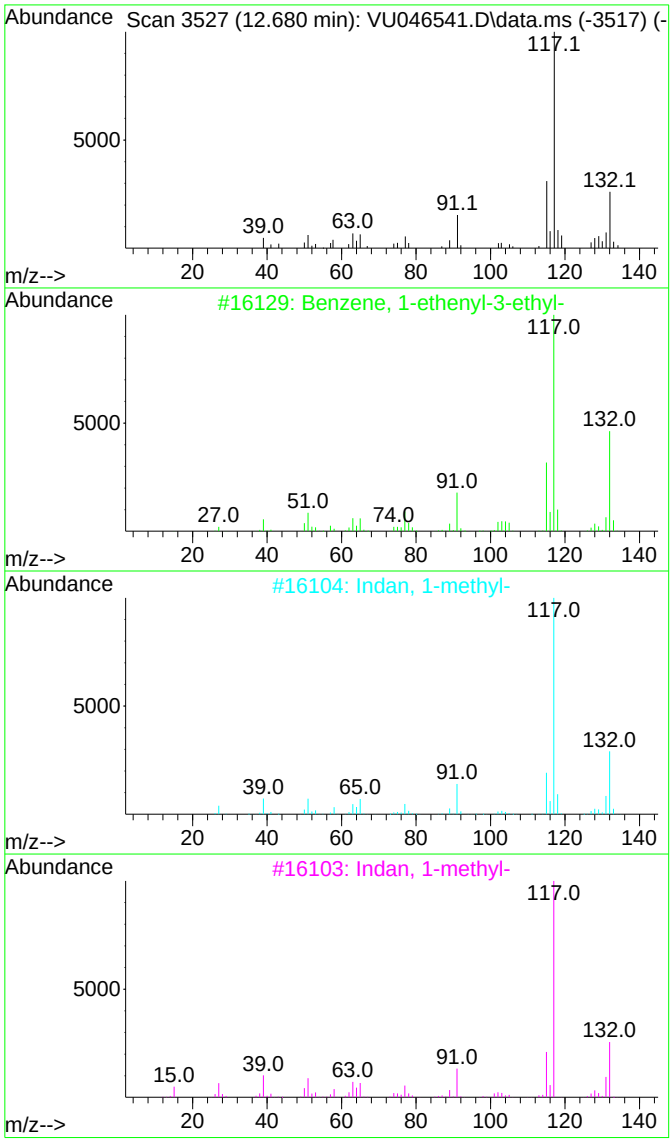
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

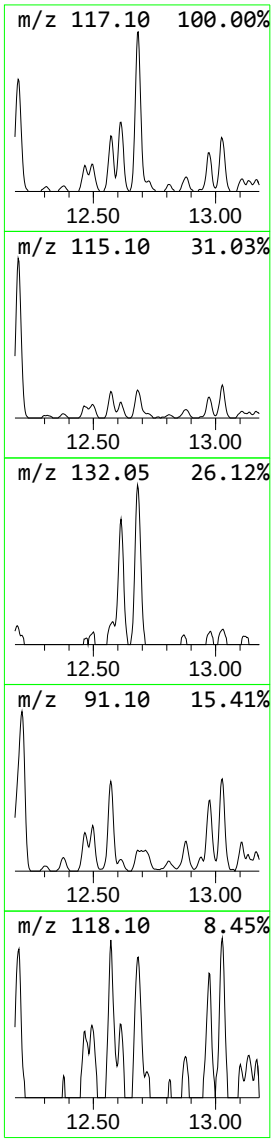
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.680	1.10 ug/L	57624	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
2	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	Indan, 1-methyl-	132	C10H12	000767-58-8	81
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	80
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
Data File : VU046541.D
Acq On : 21 Dec 2021 22:33
Operator : SY/MD
Sample : M5170-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AN6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

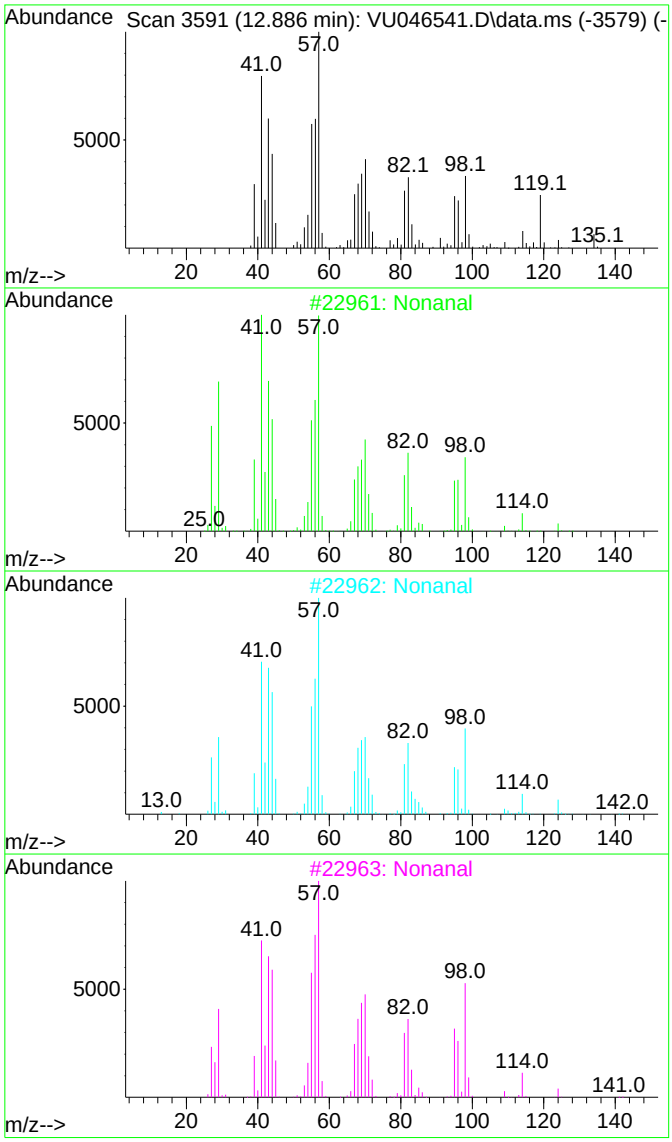
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

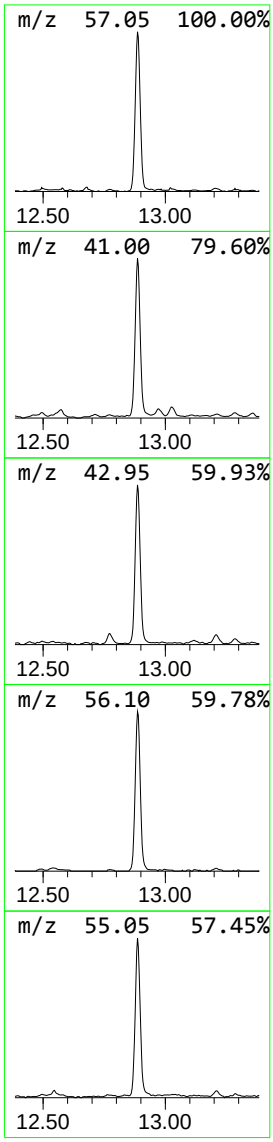
****

Peak Number 16 Nonanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.886	8.12 ug/L	427003	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	90
2	Nonanal	142	C9H18O	000124-19-6	87
3	Nonanal	142	C9H18O	000124-19-6	87
4	Nonanal	142	C9H18O	000124-19-6	78
5	Heptane, 4-chloro-	134	C7H15Cl	000998-95-8	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
Data File : VU046541.D
Acq On : 21 Dec 2021 22:33
Operator : SY/MD
Sample : M5170-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AN6

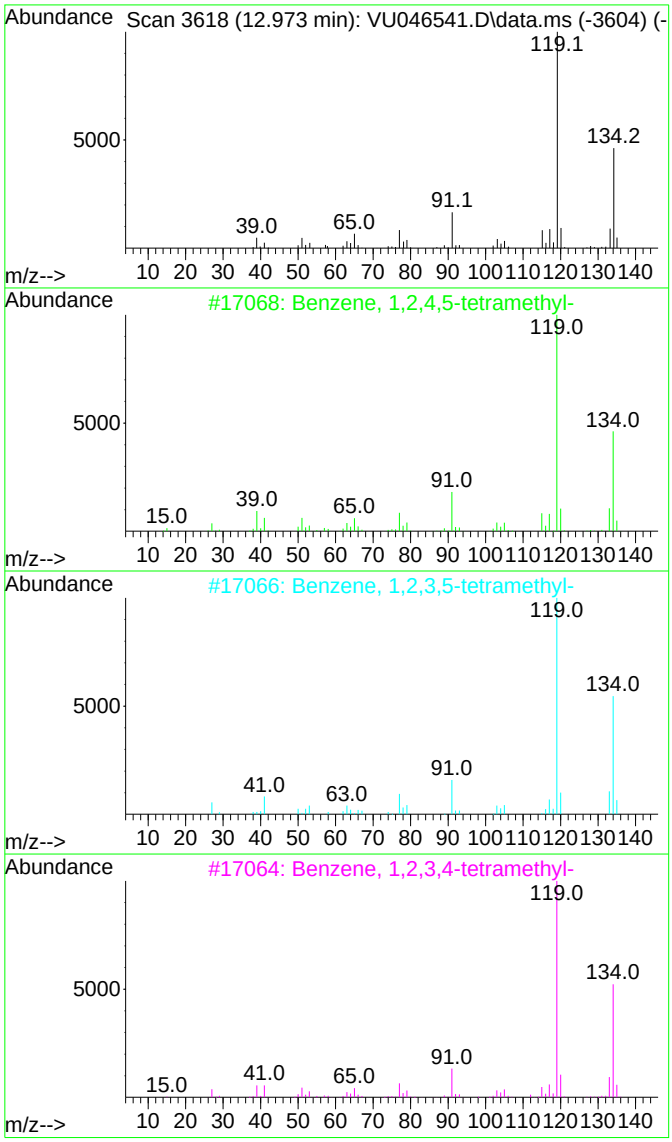
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

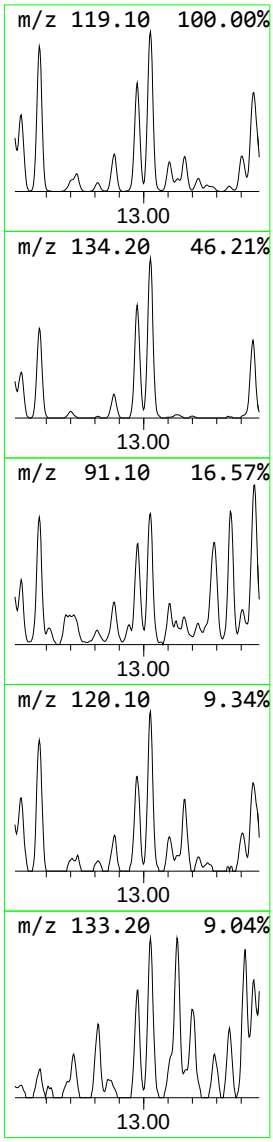
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.973	2.41 ug/L	126602	1,4-Dichlorobenzene-d4	11.812

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	96
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
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\VU122121\
Data File : VU046541.D
Acq On : 21 Dec 2021 22:33
Operator : SY/MD
Sample : M5170-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AN6

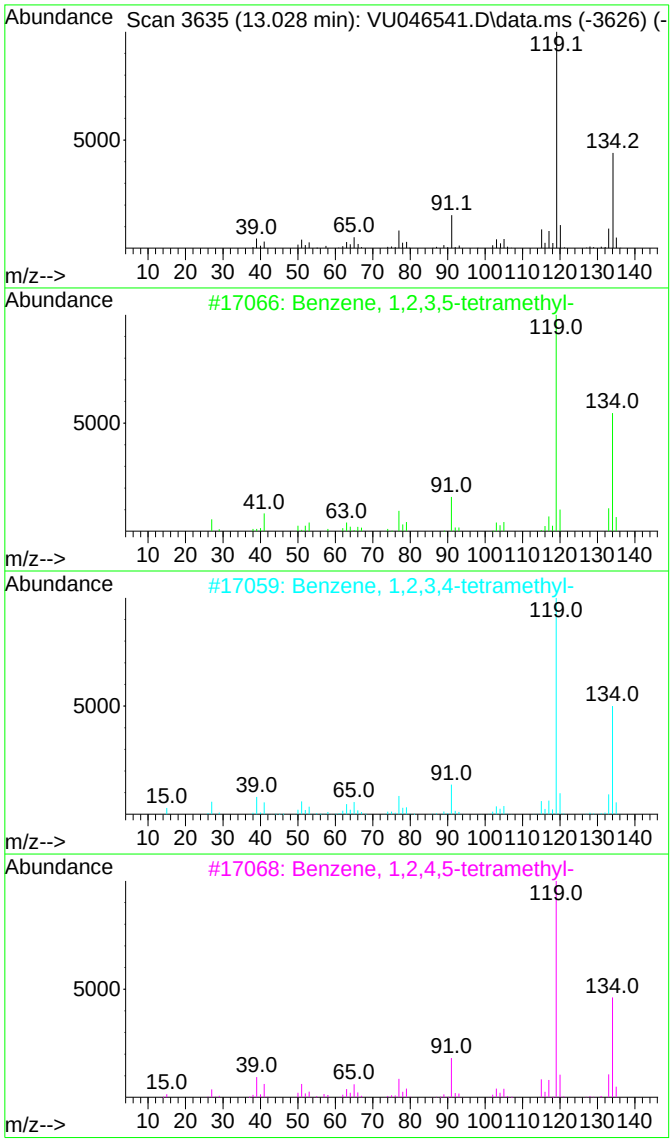
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

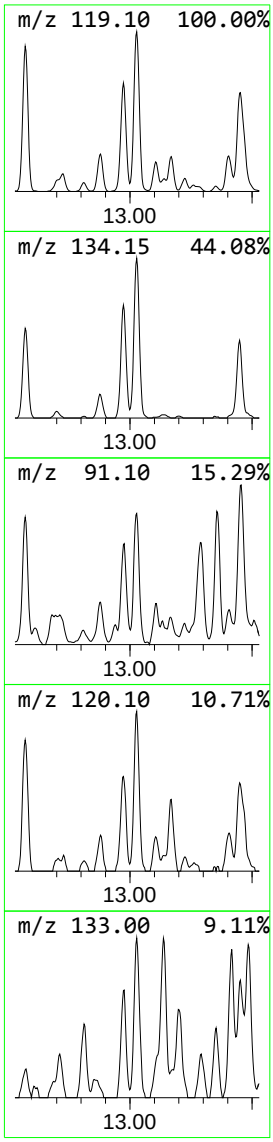
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.028	3.89 ug/L	204388	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
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\VU122121\
Data File : VU046541.D
Acq On : 21 Dec 2021 22:33
Operator : SY/MD
Sample : M5170-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AN6

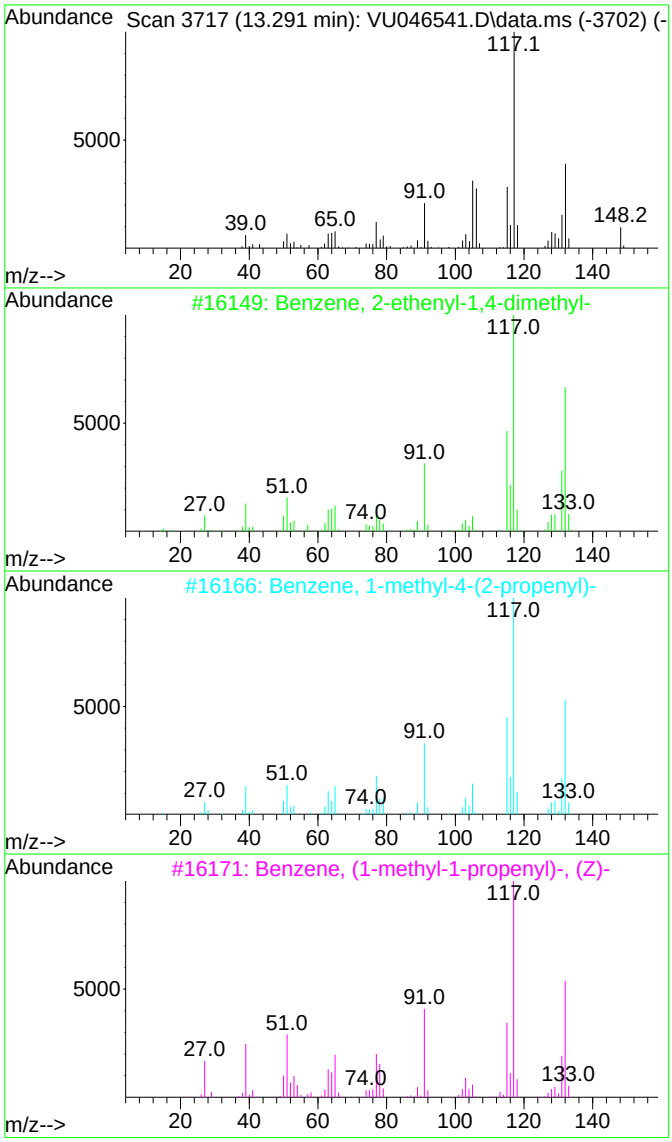
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

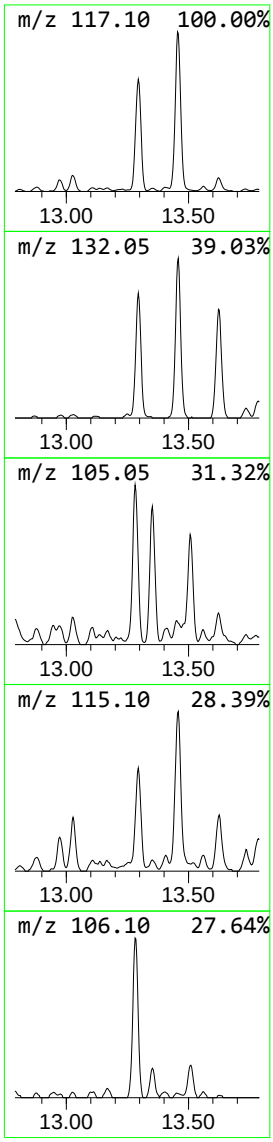
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.291	3.86 ug/L	202889	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	90
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	89
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	81
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
Data File : VU046541.D
Acq On : 21 Dec 2021 22:33
Operator : SY/MD
Sample : M5170-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AN6

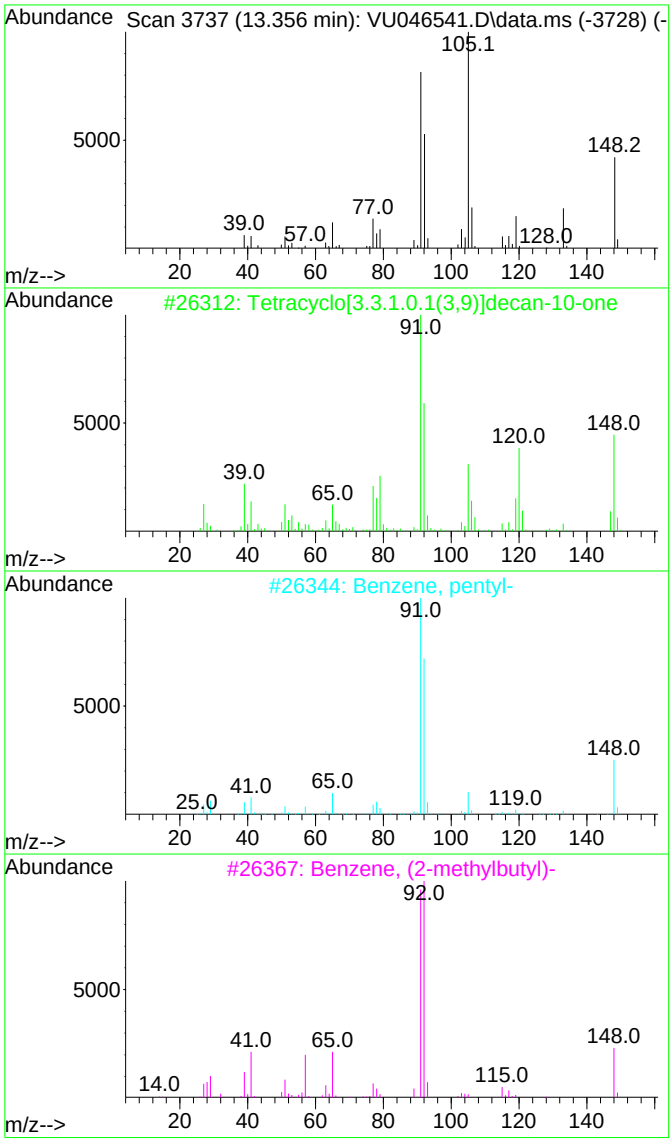
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

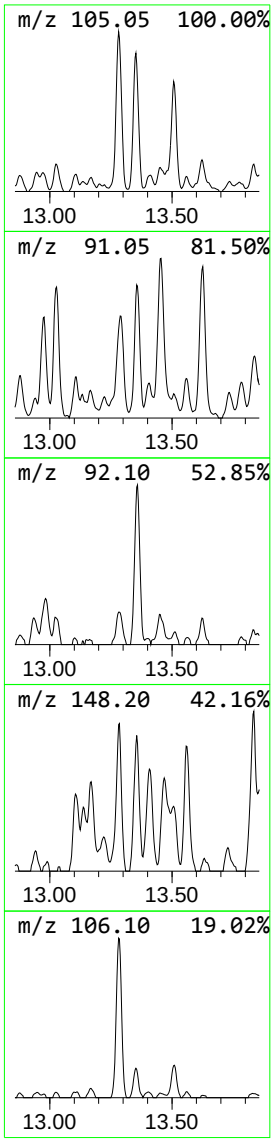
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Tetracyclo[3.3.1.0.1(3,9)]d... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.356	1.12 ug/L	58898	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracyclo[3.3.1.0.1(3,9)]decan-...	148	C10H12O	016492-06-1	86
2	Benzene, pentyl-	148	C11H16	000538-68-1	58
3	Benzene, (2-methylbutyl)-	148	C11H16	003968-85-2	49
4	Benzene, (3-methylbutyl)-	148	C11H16	002049-94-7	49
5	Benzene, (1,2-dimethylpropyl)-	148	C11H16	004481-30-5	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
Data File : VU046541.D
Acq On : 21 Dec 2021 22:33
Operator : SY/MD
Sample : M5170-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AN6

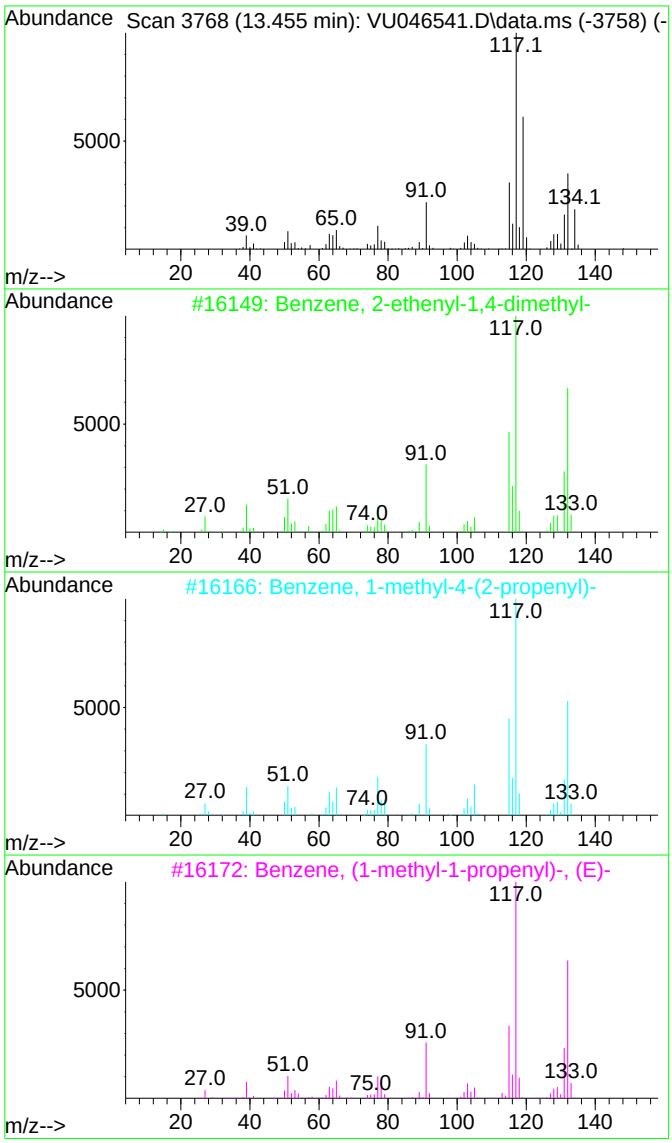
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

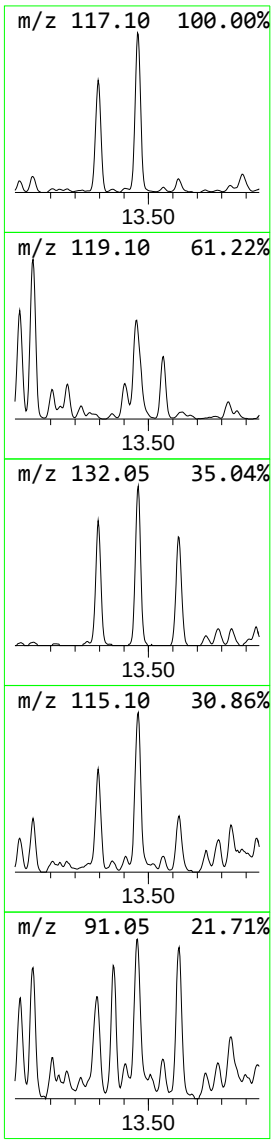
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzene, (1-methyl-1-propen... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.455	5.23 ug/L	274893	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	70
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	70
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
Data File : VU046541.D
Acq On : 21 Dec 2021 22:33
Operator : SY/MD
Sample : M5170-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AN6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

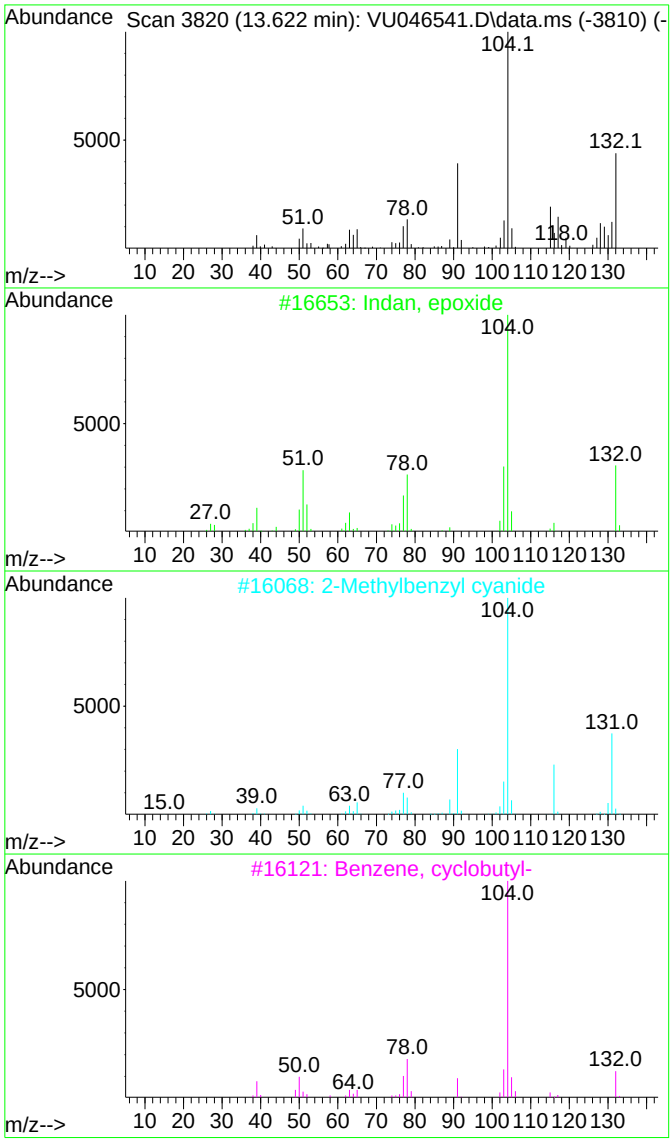
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

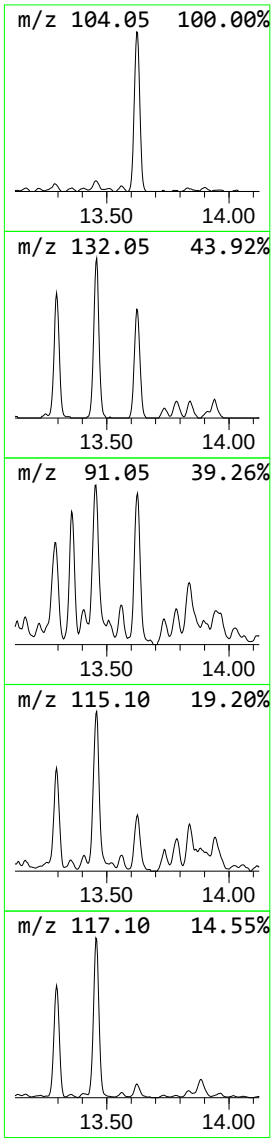
****

Peak Number 25 Indan, epoxide Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.623	2.76 ug/L	145002	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, epoxide	132	C9H8O	000768-22-9	53
2	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	38
3	Benzene, cyclobutyl-	132	C10H12	004392-30-7	38
4	Acetic acid, 2-phenylethyl ester	164	C10H12O2	000103-45-7	35
5	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	020071-09-4	35





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Data File : VU046541.D
Acq On : 21 Dec 2021 22:33
Operator : SY/MD
Sample : M5170-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AN6

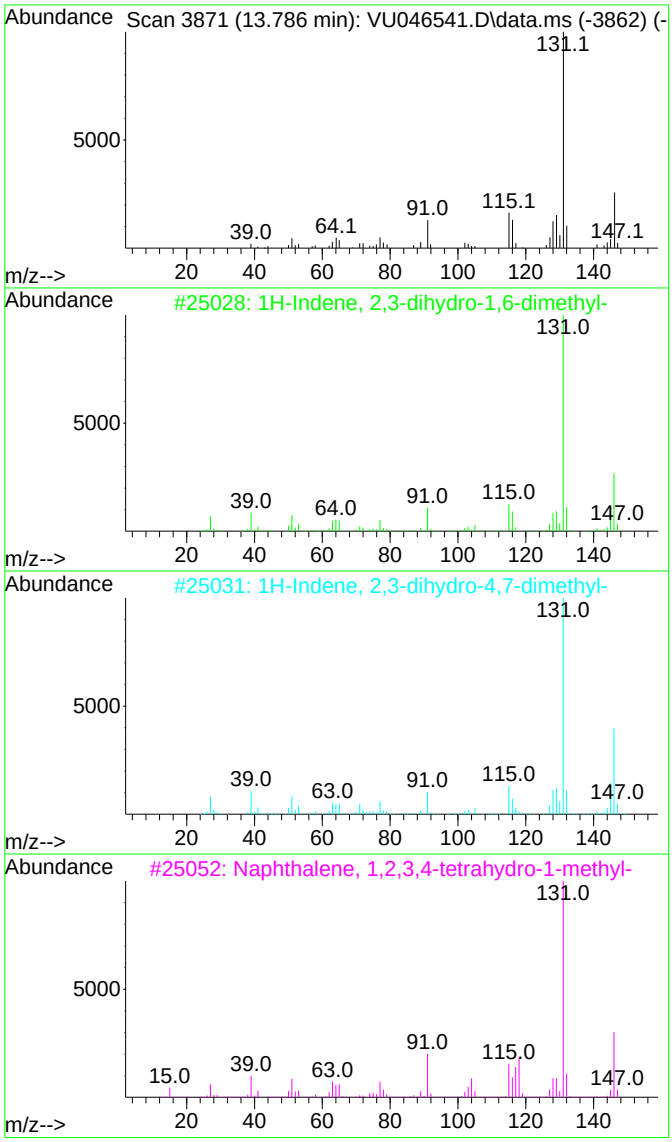
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

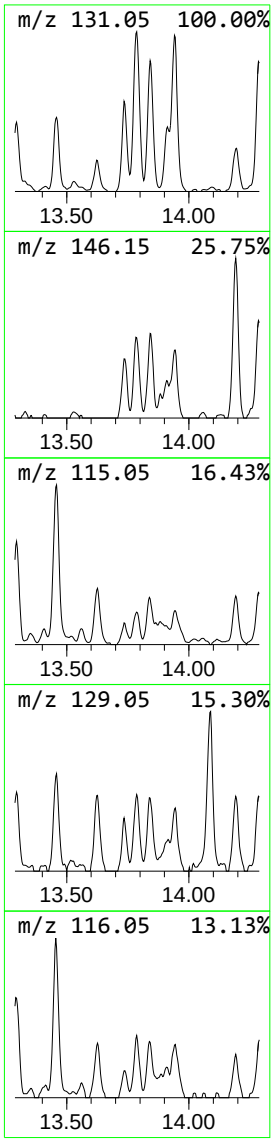
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.787	1.04 ug/L	54415	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91





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Data File : VU046541.D
Acq On : 21 Dec 2021 22:33
Operator : SY/MD
Sample : M5170-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AN6

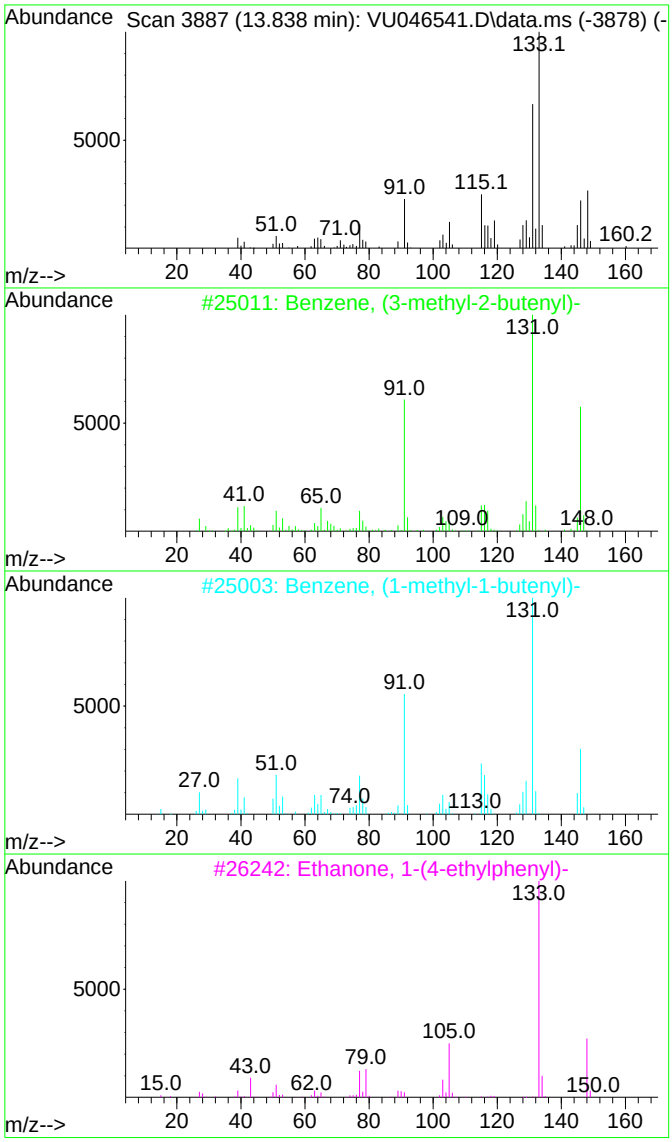
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

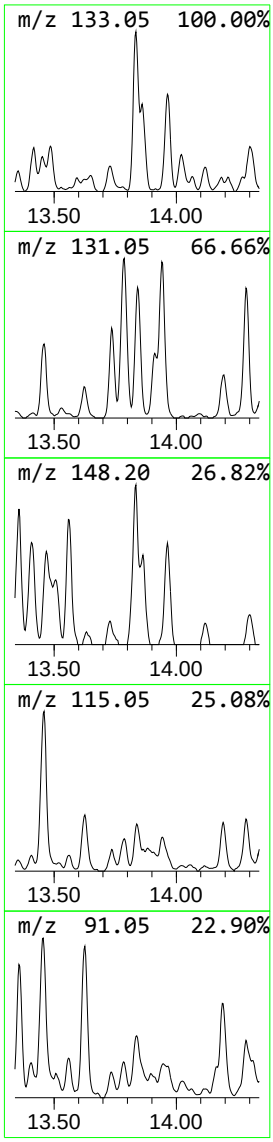
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Ethanone, 1-(4-ethylphenyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.838	2.60 ug/L	136420	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	80
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	62
3	Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	50
4	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	49
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	49





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Data File : VU046541.D
Acq On : 21 Dec 2021 22:33
Operator : SY/MD
Sample : M5170-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AN6

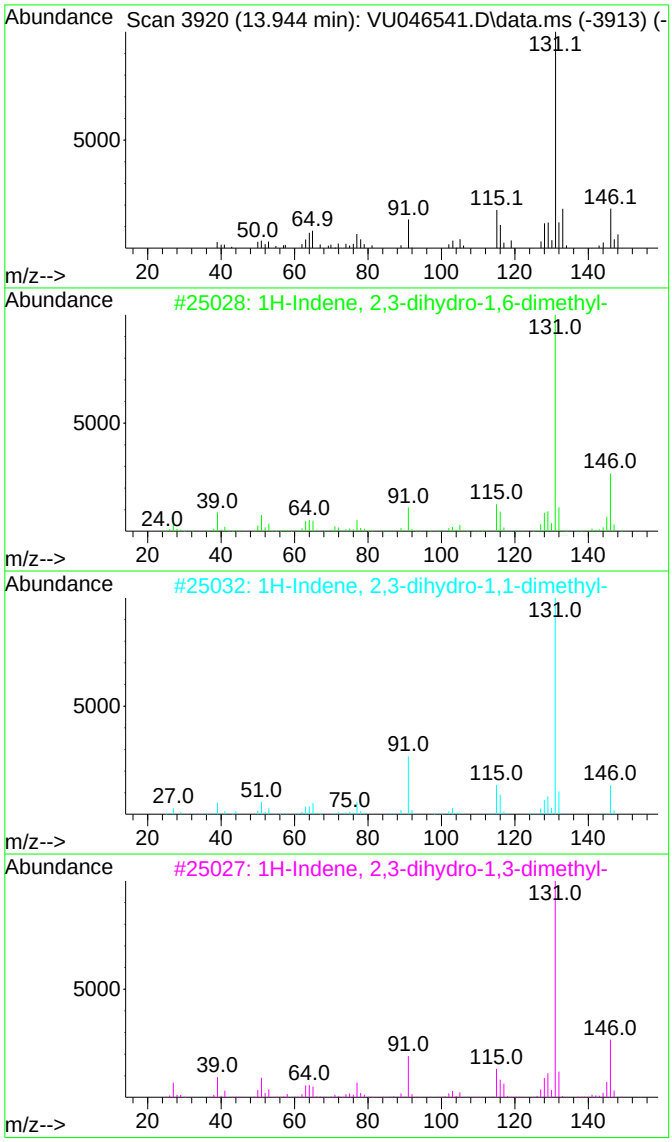
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

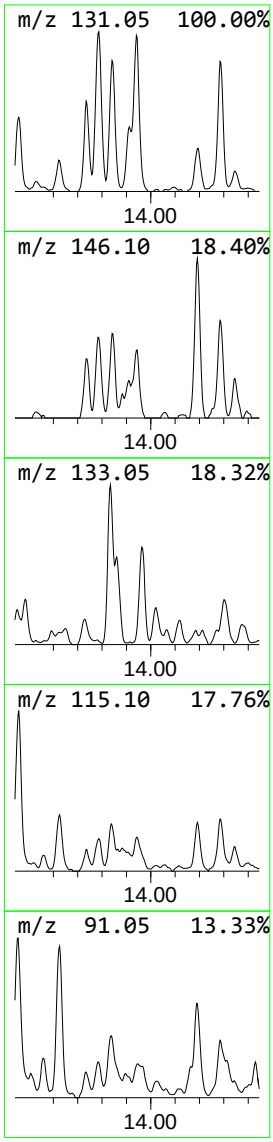
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.944	0.69 ug/L	36264	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	95
2	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	93
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
Data File : VU046541.D
Acq On : 21 Dec 2021 22:33
Operator : SY/MD
Sample : M5170-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AN6

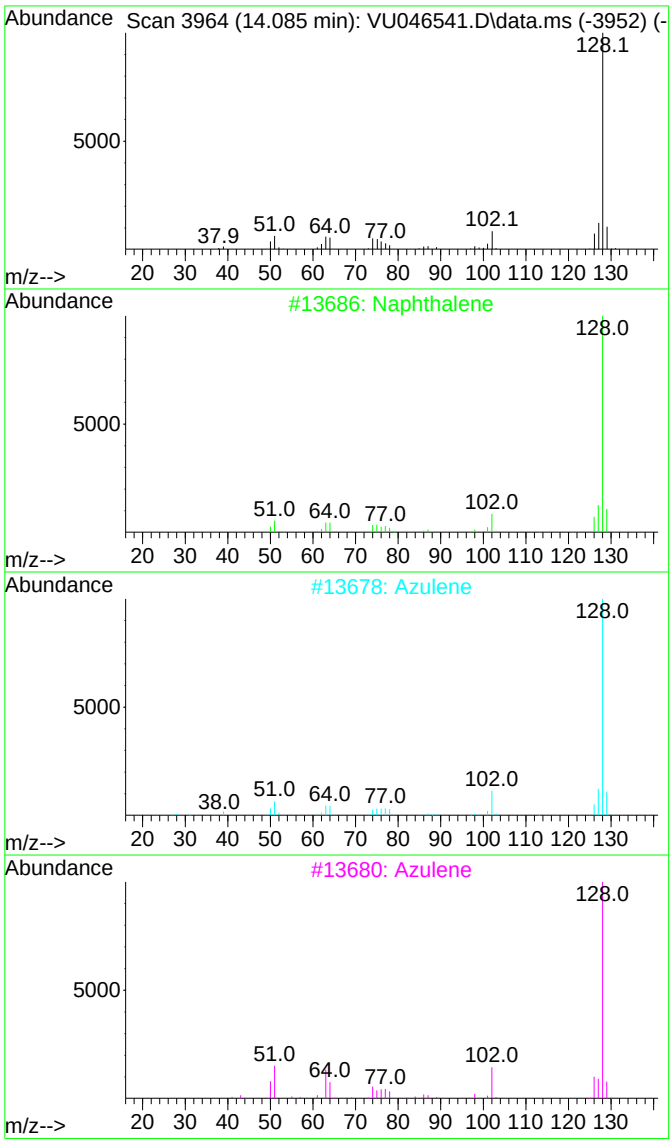
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

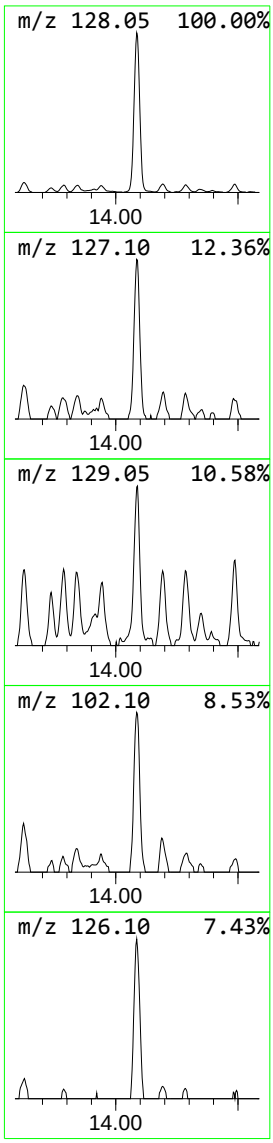
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Azulene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.086	2.61 ug/L	137298	1,4-Dichlorobenzene-d4	11.812

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





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Data File : VU046541.D
Acq On : 21 Dec 2021 22:33
Operator : SY/MD
Sample : M5170-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AN6

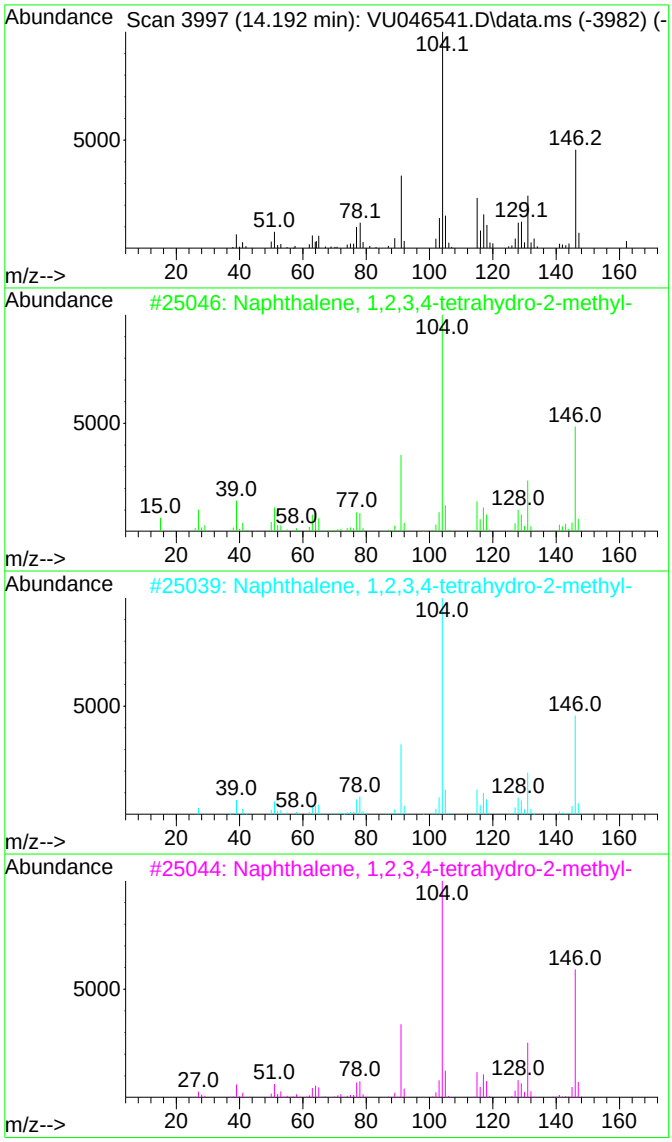
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

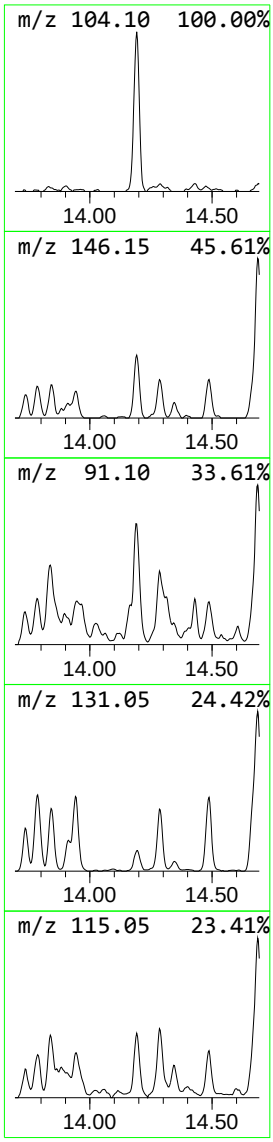
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.192	2.60 ug/L	136853	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	91
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	87
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	87
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	74
5	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
Data File : VU046541.D
Acq On : 21 Dec 2021 22:33
Operator : SY/MD
Sample : M5170-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AN6

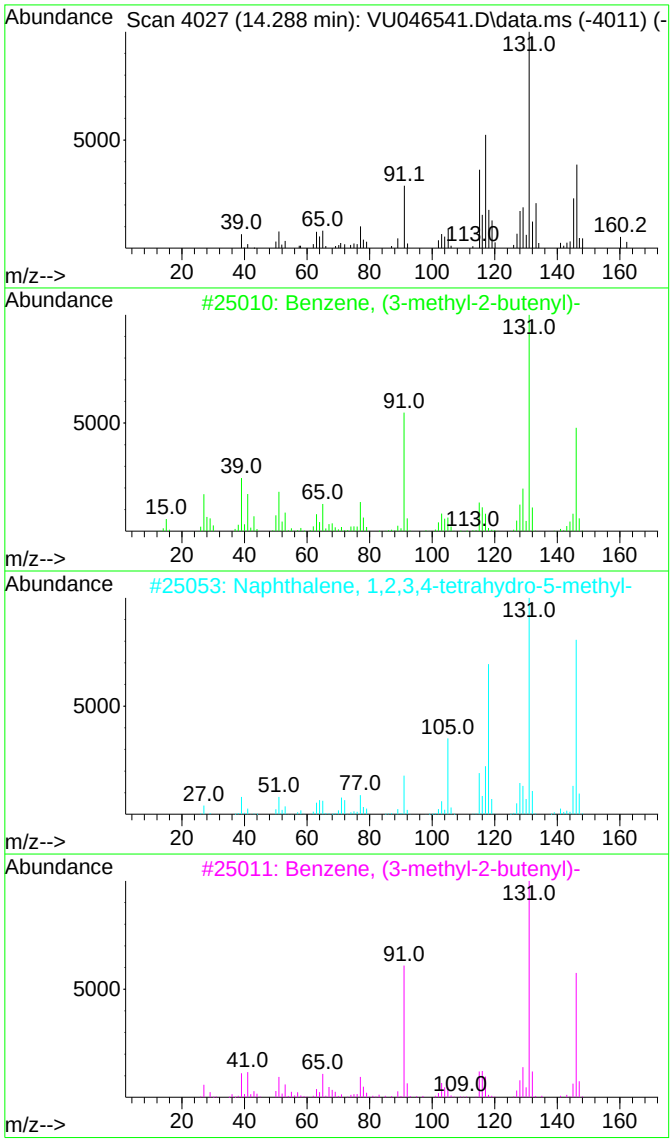
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

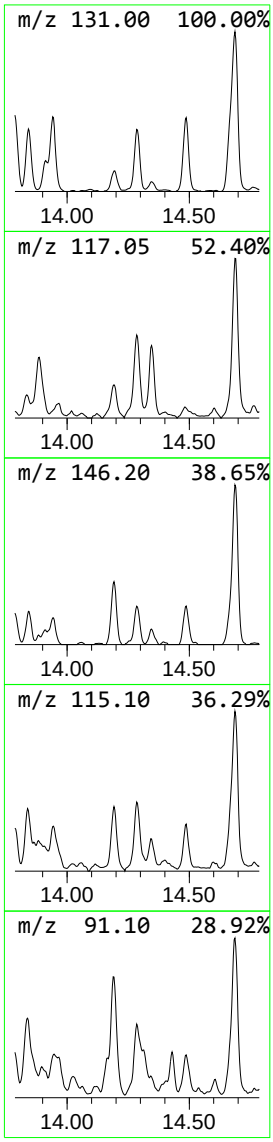
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Benzene, (3-methyl-2-butenyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.288	2.75 ug/L	144339	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	70
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	64
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
Data File : VU046541.D
Acq On : 21 Dec 2021 22:33
Operator : SY/MD
Sample : M5170-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AN6

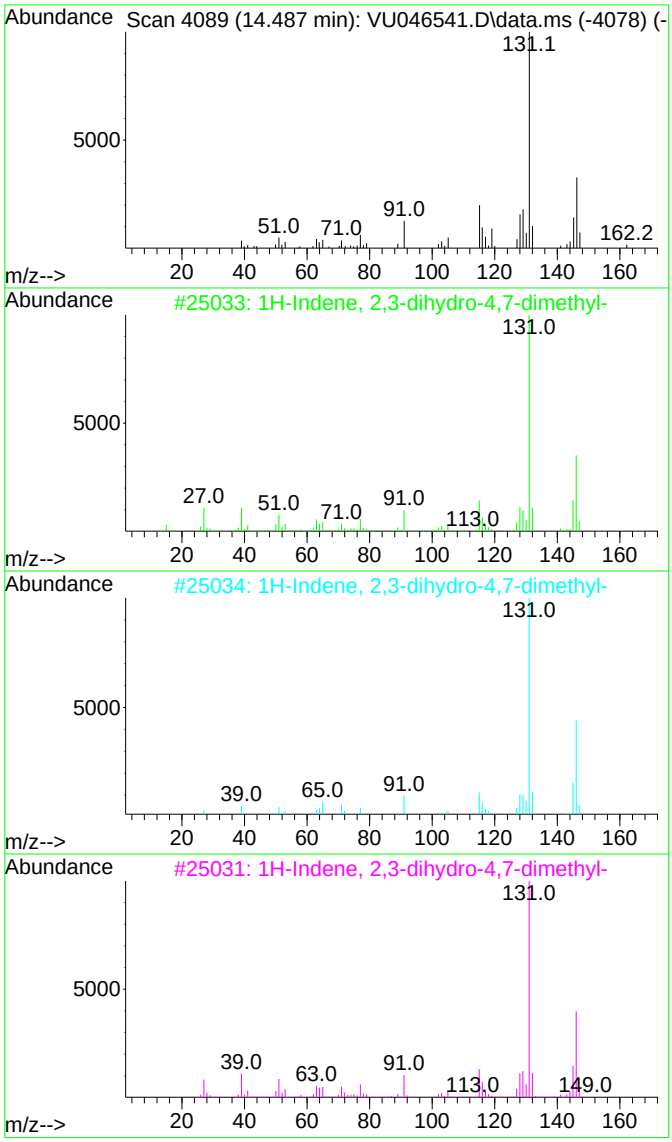
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

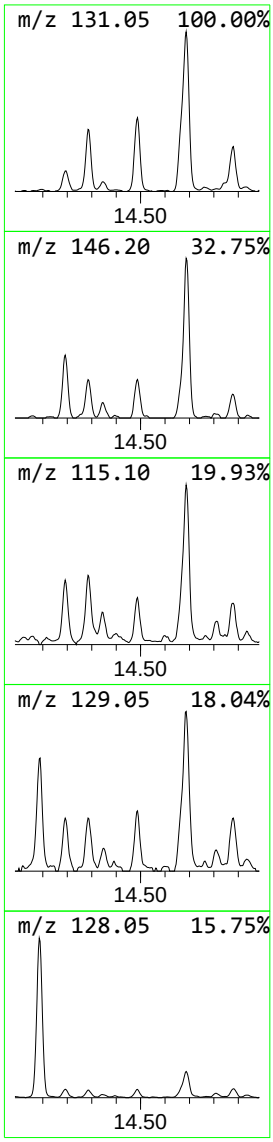
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.487	1.48 ug/L	77791	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
Data File : VU046541.D
Acq On : 21 Dec 2021 22:33
Operator : SY/MD
Sample : M5170-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AN6

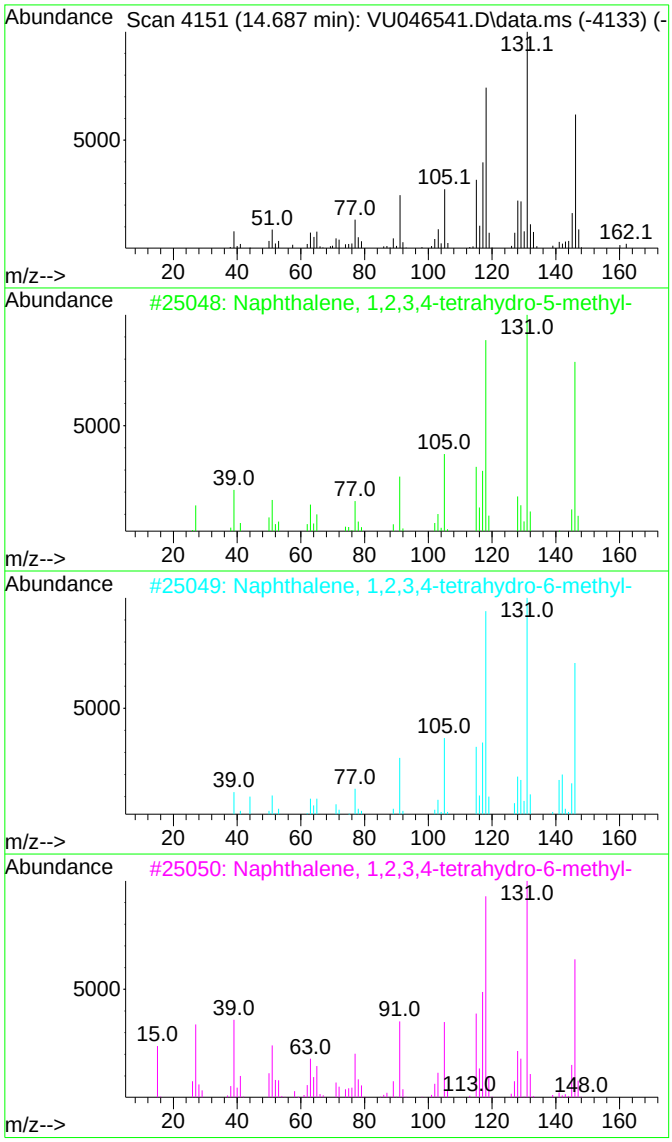
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

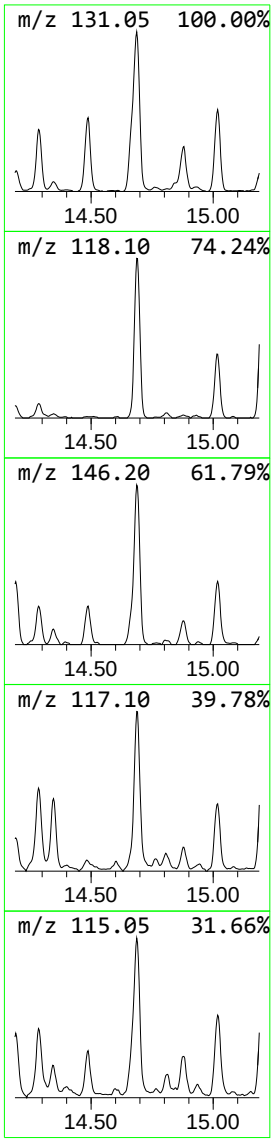
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.687	6.44 ug/L	338314	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
Data File : VU046541.D
Acq On : 21 Dec 2021 22:33
Operator : SY/MD
Sample : M5170-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AN6

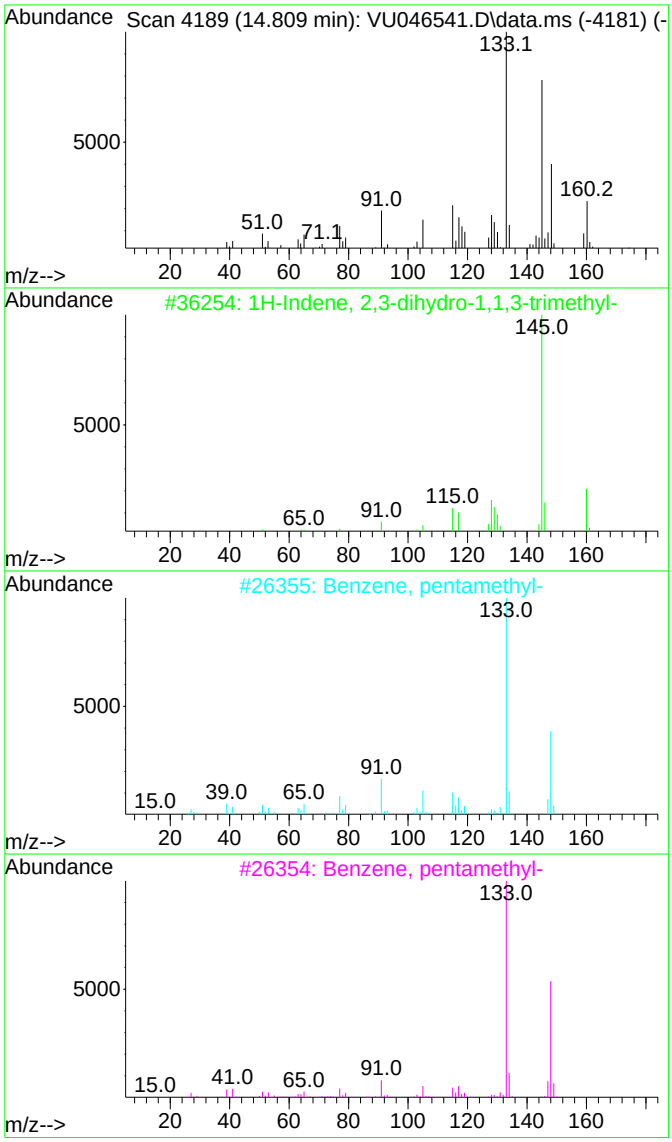
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

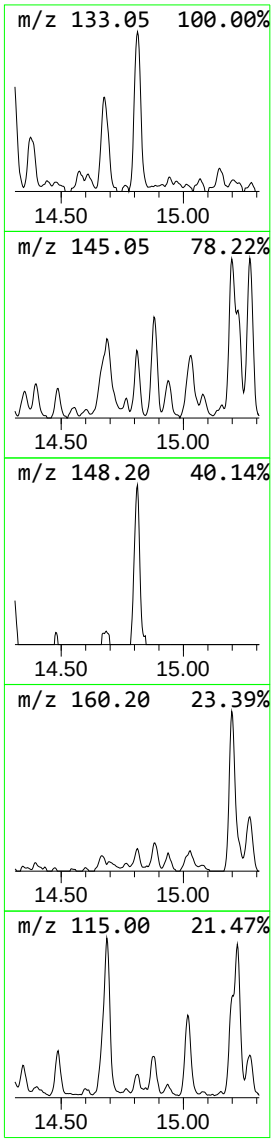
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.809	0.89 ug/L	46822	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	62
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	50
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	50
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	46
5	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
Data File : VU046541.D
Acq On : 21 Dec 2021 22:33
Operator : SY/MD
Sample : M5170-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AN6

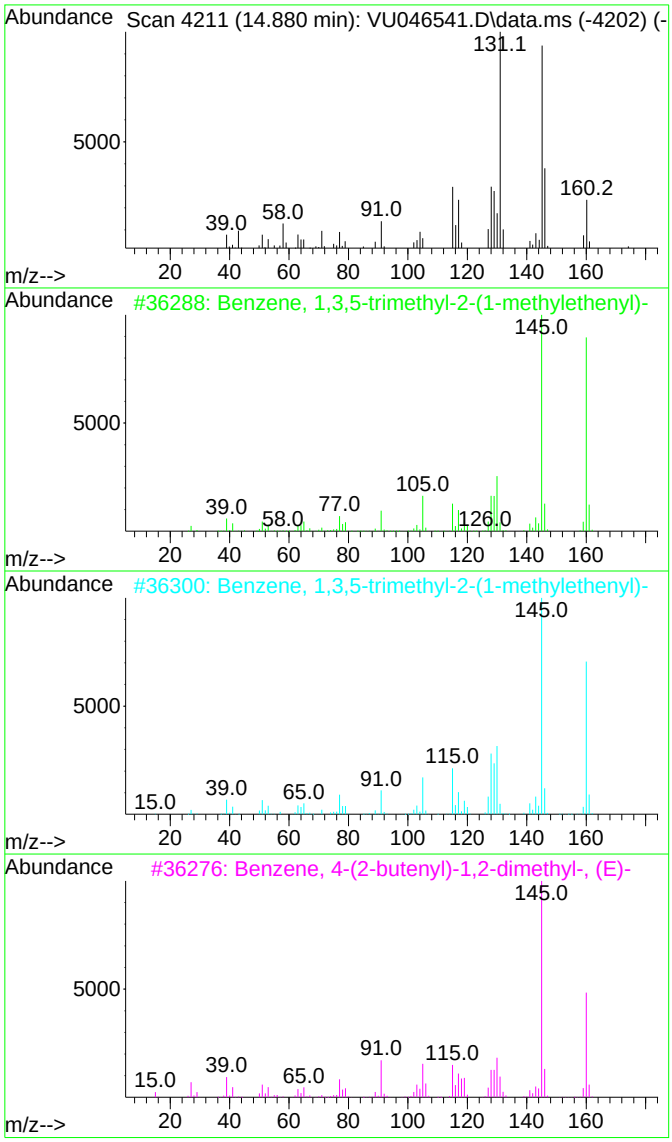
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

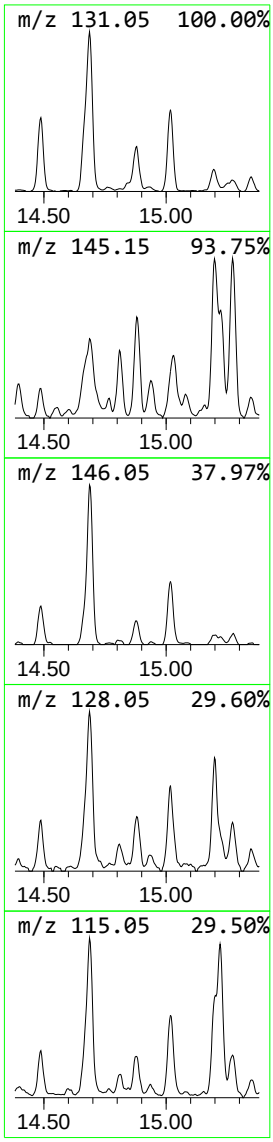
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.880	1.32 ug/L	69612	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	53
2	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	53
3	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	52
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	49
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
Data File : VU046541.D
Acq On : 21 Dec 2021 22:33
Operator : SY/MD
Sample : M5170-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AN6

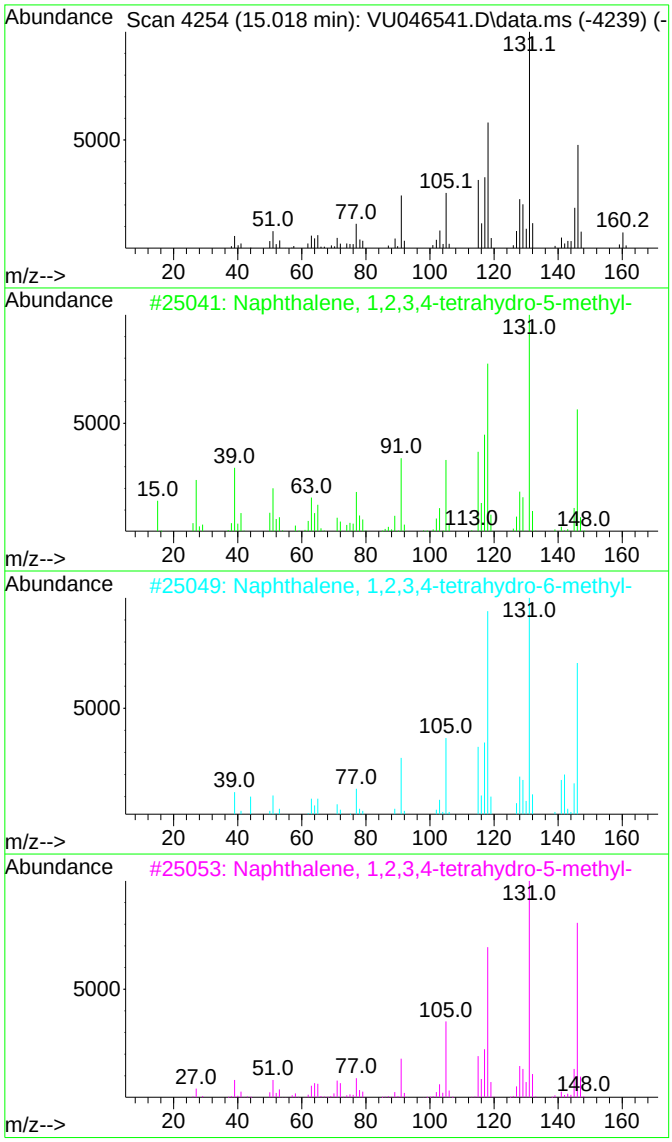
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

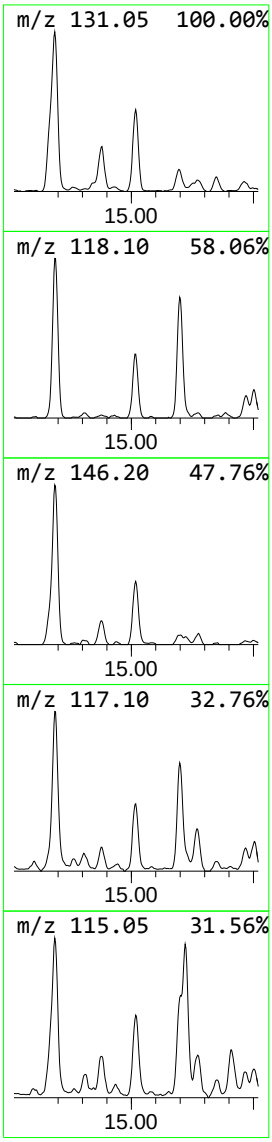
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.018	2.90 ug/L	152550	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	91
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	81
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	70
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
Data File : VU046541.D
Acq On : 21 Dec 2021 22:33
Operator : SY/MD
Sample : M5170-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AN6

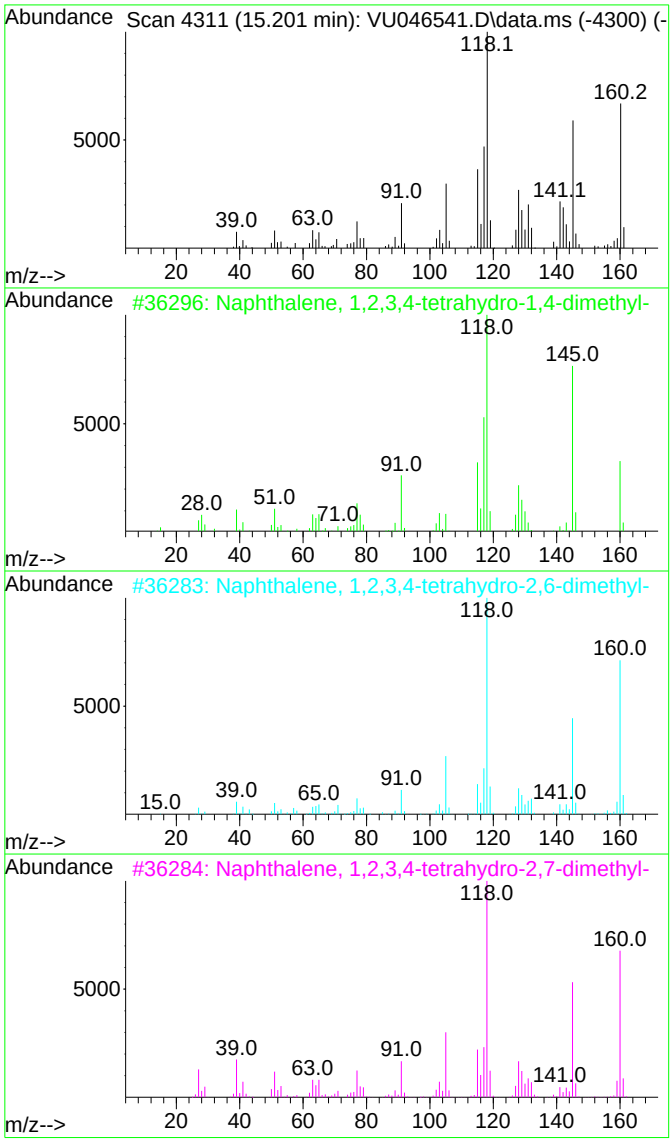
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

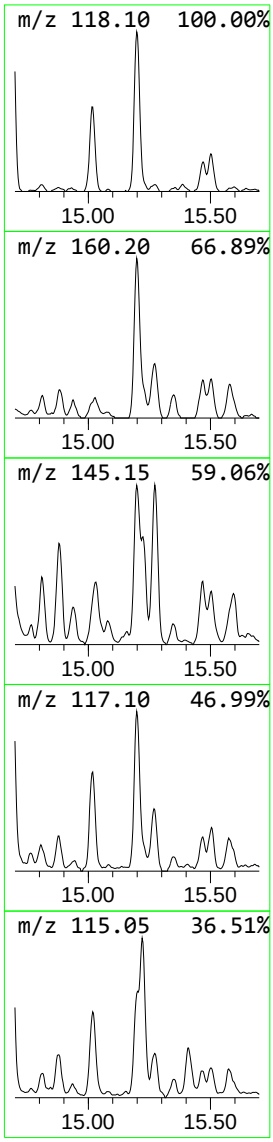
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.201	3.45 ug/L	181415	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	89
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	76
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	70
4	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	58
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
Data File : VU046541.D
Acq On : 21 Dec 2021 22:33
Operator : SY/MD
Sample : M5170-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AN6

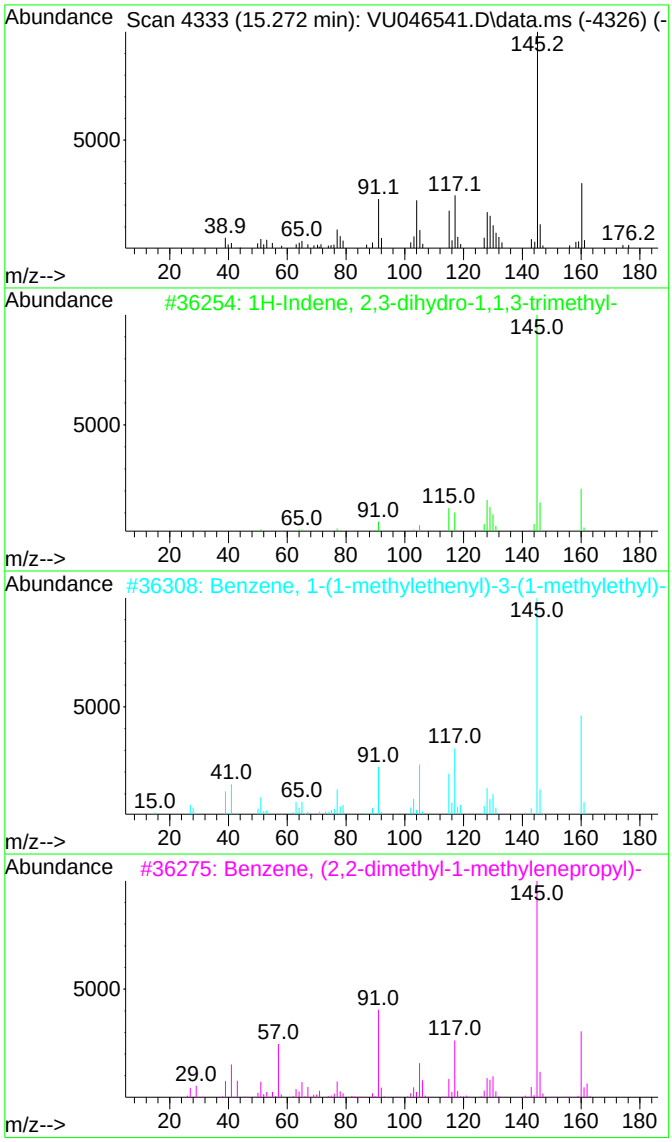
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

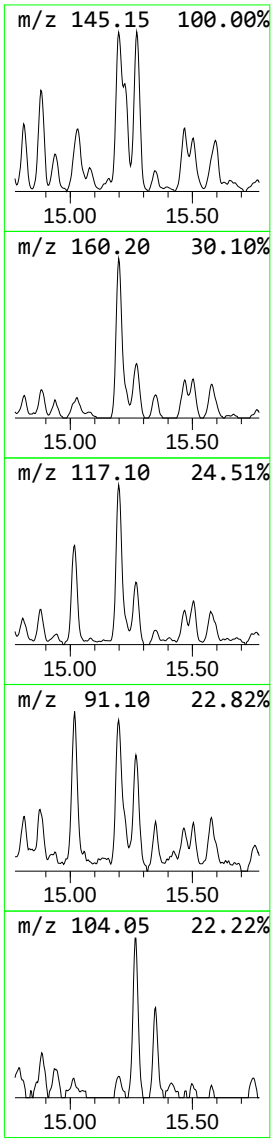
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Benzene, 1-(1-methylethenyl... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.272	1.60 ug/L	84180	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	89
2	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	87
3	Benzene, (2,2-dimethyl-1-methyle...	160	C12H16	005676-29-9	87
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	81
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
Data File : VU046541.D
Acq On : 21 Dec 2021 22:33
Operator : SY/MD
Sample : M5170-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AN6

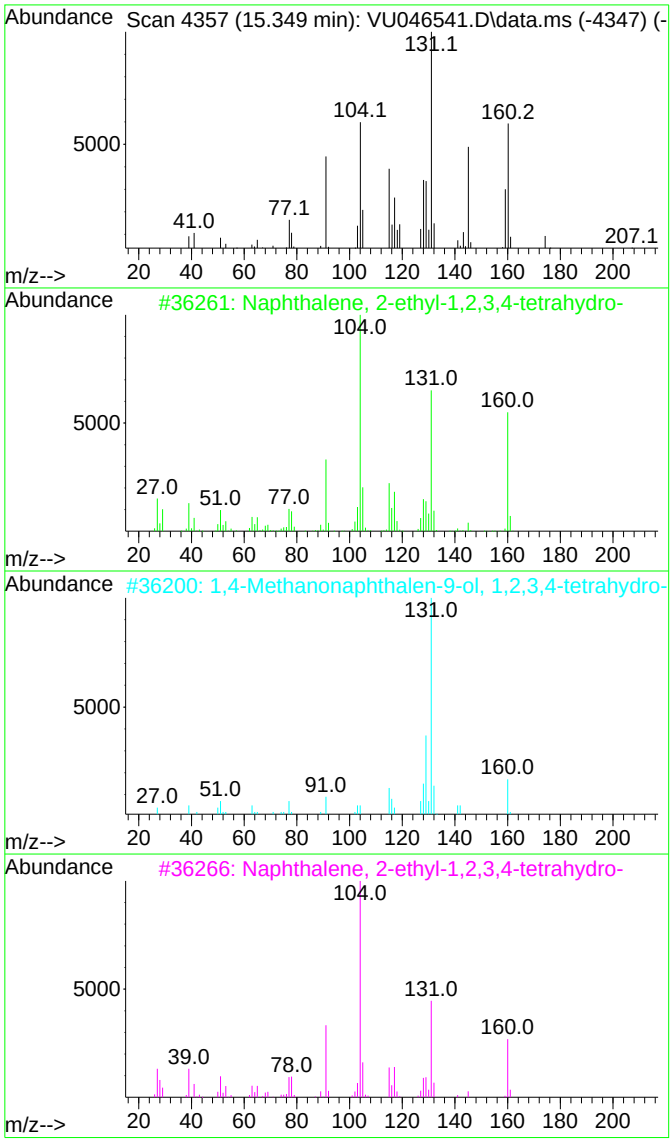
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

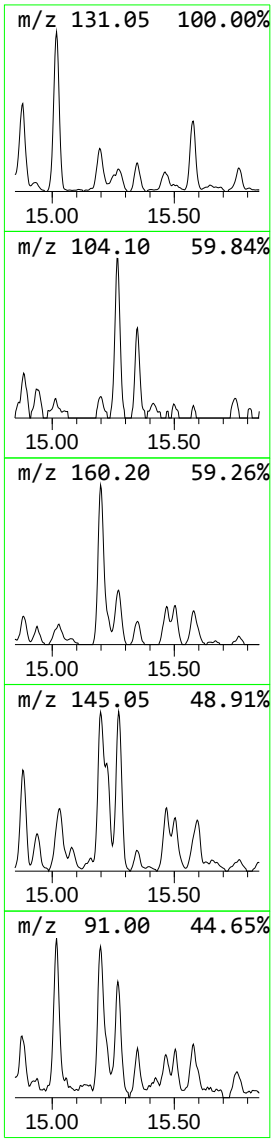
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 Naphthalene, 2-ethyl-1,2,3,... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.349	0.64 ug/L	33744	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	76
2	1,4-Methanonaphthalen-9-ol, 1,2,...	160	C11H12O	055255-94-2	58
3	Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	55
4	Naphthalene, 6-ethyl-1,2,3,4-tet...	160	C12H16	022531-20-0	52
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	160	C12H16	078920-29-3	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
Data File : VU046541.D
Acq On : 21 Dec 2021 22:33
Operator : SY/MD
Sample : M5170-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AN6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.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
Hexanal	8.787	1.0	ug/L	45070	2	9.420	215835	5.0
Benzene, 1-ethy...	10.999	1.4	ug/L	74617	3	11.812	262847	5.0
Octanal	11.687	1.8	ug/L	92579	3	11.812	262847	5.0
Bicyclo[4.2.0]o...	12.098	1.5	ug/L	78123	3	11.812	262847	5.0
Benzene, 1-meth...	12.127	1.9	ug/L	98751	3	11.812	262847	5.0
Benzene, 2-ethy...	12.465	1.5	ug/L	77060	3	11.812	262847	5.0
o-Cymene	12.497	1.5	ug/L	76024	3	11.812	262847	5.0
Benzene, 4-ethy...	12.571	3.1	ug/L	161634	3	11.812	262847	5.0
Benzene, 1-ethe...	12.680	1.1	ug/L	57624	3	11.812	262847	5.0
Nonanal	12.886	8.1	ug/L	427003	3	11.812	262847	5.0
Benzene, 1,2,4,...	12.973	2.4	ug/L	126602	3	11.812	262847	5.0
Benzene, 1,2,3,...	13.028	3.9	ug/L	204388	3	11.812	262847	5.0
Benzene, 2-ethe...	13.291	3.9	ug/L	202889	3	11.812	262847	5.0
Tetracyclo[3.3....	13.356	1.1	ug/L	58898	3	11.812	262847	5.0
Benzene, (1-met...	13.455	5.2	ug/L	274893	3	11.812	262847	5.0
Indan, epoxide	13.623	2.8	ug/L	145002	3	11.812	262847	5.0
Naphthalene, 1,...	13.787	1.0	ug/L	54415	3	11.812	262847	5.0
Ethanone, 1-(4-...	13.838	2.6	ug/L	136420	3	11.812	262847	5.0
1H-Indene, 2,3-...	13.944	0.7	ug/L	36264	3	11.812	262847	5.0
Azulene	14.086	2.6	ug/L	137298	3	11.812	262847	5.0
Naphthalene, 1,...	14.192	2.6	ug/L	136853	3	11.812	262847	5.0
Benzene, (3-met...	14.288	2.8	ug/L	144339	3	11.812	262847	5.0
1H-Indene, 2,3-...	14.487	1.5	ug/L	77791	3	11.812	262847	5.0
Naphthalene, 1,...	14.687	6.4	ug/L	338314	3	11.812	262847	5.0
1H-Indene, 2,3-...	14.809	0.9	ug/L	46822	3	11.812	262847	5.0
Benzene, 1,3,5-...	14.880	1.3	ug/L	69612	3	11.812	262847	5.0
Naphthalene, 1,...	15.018	2.9	ug/L	152550	3	11.812	262847	5.0
Naphthalene, 1,...	15.201	3.5	ug/L	181415	3	11.812	262847	5.0
Benzene, 1-(1-m...	15.272	1.6	ug/L	84180	3	11.812	262847	5.0
Naphthalene, 2-...	15.349	0.6	ug/L	33744	3	11.812	262847	5.0