LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122321\
Data File : VU046588.D
Acq On : 24 Dec 2021 00:13
Operator : SY/MD
Sample : M5170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AO6

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: VU046588.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.359	3	6	17	rVB3	4359	5256	1.55%	0.132%
2	1.469	34	40	50	rVB	41582	39792	11.76%	1.001%
3	1.591	69	78	91	rVB	28370	35464	10.48%	0.892%
4	1.726	113	120	132	rVB	8900	11542	3.41%	0.290%
5	1.909	169	177	191	rVB	23245	30502	9.02%	0.767%
6	2.562	369	380	392	rBV	45934	71928	21.27%	1.809%
7	2.787	436	450	455	rBV5	5310	12371	3.66%	0.311%
8	4.244	892	903	915	rVB4	2512	5564	1.64%	0.140%
9	4.752	1034	1061	1120	rBV3	18922	129770	38.37%	3.264%
10	5.067	1133	1159	1183	rBV	51548	123663	36.56%	3.110%
11	5.723	1346	1363	1376	rBV2	102004	242003	71.55%	6.087%
12	6.250	1514	1527	1543	rVB	95082	175311	51.83%	4.409%
13	6.694	1652	1665	1682	rBV2	59296	113323	33.50%	2.850%
14	6.816	1688	1703	1720	rBV2	3515	8123	2.40%	0.204%
15	7.568	1926	1937	1957	rVB	28307	49201	14.55%	1.238%
16	7.813	2000	2013	2027	rBV	38991	75692	22.38%	1.904%
17	7.896	2028	2039	2052	rVV	109380	192604	56.94%	4.844%
18	7.967	2053	2061	2075	rVB2	27837	48725	14.41%	1.226%
19	8.182	2118	2128	2145	rBV	19160	31370	9.27%	0.789%
20	8.501	2211	2227	2238	rVB4	3133	6112	1.81%	0.154%
21	8.568	2238	2248	2257	rVB4	2354	3898	1.15%	0.098%
22	8.648	2261	2273	2285	rBV	185748	338239	100.00%	8.507%
23	8.703	2286	2290	2312	rVV3	27395	55531	16.42%	1.397%
24	8.796	2312	2319	2327	rVB4	2426	4089	1.21%	0.103%
25	9.417	2500	2512	2534	rVB	135626	221717	65.55%	5.577%
26	9.571	2549	2560	2569	rBV	13409	21475	6.35%	0.540%
27	9.693	2586	2598	2613	rBV	31904	51497	15.23%	1.295%
28	9.771	2613	2622	2639	rVB4	4412	9522	2.82%	0.239%
29	9.925	2657	2670	2679	rBV3	2301	3882	1.15%	0.098%
30	10.099	2714	2724	2730	rBV2	10724	16699	4.94%	0.420%
31	10.134	2731	2735	2744	rVB	7306	10131	3.00%	0.255%
32	10.240	2757	2768	2779	rBV2	14155	23631	6.99%	0.594%
33	10.758	2915	2929	2947	rBV	61650	102023	30.16%	2.566%
34	10.902	2965	2974	2984	rVB4	6153	11712	3.46%	0.295%
35	10.999	2984	3004	3009	rBV2	15929	30540	9.03%	0.768%
36	11.089	3025	3032	3038	rBV	8846	13093	3.87%	0.329%

LSC Area Percent Report

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Sample : M5170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AO6

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	11.291	3085	3095	3105	rVB3	8831	14150	4.18%	0.356%
38	11.468	3139	3150	3161	rBV	65677	100036	29.58%	2.516%
39	11.574	3172	3183	3194	rBV2	11970	19661	5.81%	0.495%
40	11.687	3210	3218	3227	rVB4	9583	13974	4.13%	0.351%
41	11.812	3244	3257	3271	rVB	154428	245824	72.68%	6.183%
42	11.893	3271	3282	3297	rBV	28556	50967	15.07%	1.282%
43	11.976	3304	3308	3321	rVB5	3327	4933	1.46%	0.124%
44	12.060	3321	3334	3341	rBV	61975	109939	32.50%	2.765%
45	12.192	3364	3375	3399	rVB	148071	253309	74.89%	6.371%
46	12.324	3406	3416	3423	rBV5	7693	13932	4.12%	0.350%
47	12.375	3426	3432	3444	rVB4	6374	11509	3.40%	0.289%
48	12.471	3446	3462	3463	rBV4	16104	24555	7.26%	0.618%
49	12.571	3486	3493	3502	rVB	22848	33047	9.77%	0.831%
50	12.680	3519	3527	3540	rVB2	9438	15875	4.69%	0.399%
51	12.774	3544	3556	3565	rBV3	12227	21054	6.22%	0.530%
52	12.886	3578	3591	3605	rBV4	37871	61849	18.29%	1.556%
53	12.970	3605	3617	3624	rBV	21637	36792	10.88%	0.925%
54	13.025	3625	3634	3648	rVB	36981	65523	19.37%	1.648%
55	13.208	3685	3691	3700	rVB	5910	9791	2.89%	0.246%
56	13.291	3701	3717	3731	rVV3	40818	72729	21.50%	1.829%
57	13.452	3758	3767	3782	rVB3	48651	87223	25.79%	2.194%
58	13.632	3807	3823	3835	rBV5	19283	42302	12.51%	1.064%
59	13.735	3848	3855	3863	rBV8	5310	8470	2.50%	0.213%
60	13.783	3864	3870	3876	rBV7	3437	5526	1.63%	0.139%
61	13.841	3880	3888	3890	rBV6	7242	9012	2.66%	0.227%
62	14.086	3954	3964	3980	rVB	66907	114278	33.79%	2.874%
63	14.285	4020	4026	4037	rVB9	3374	4776	1.41%	0.120%
64	14.484	4077	4088	4096	rBV3	5584	8449	2.50%	0.213%
65	14.668	4136	4145	4147	rBV2	5144	6113	1.81%	0.154%
66	14.812	4177	4190	4197	rBV7	3661	7341	2.17%	0.185%
67	14.877	4202	4210	4221	rVV6	5817	9540	2.82%	0.240%
68	15.002	4236	4249	4250	rBV6	7291	10344	3.06%	0.260%
69	15.224	4308	4318	4330	rVB	38910	63649	18.82%	1.601%
70	15.340	4344	4354	4362	rBV7	1783	3582	1.06%	0.090%
71	15.410	4365	4376	4388	rVB3	21657	36095	10.67%	0.908%
72	15.693	4454	4464	4471	rBV7	3261	5193	1.54%	0.131%
73	15.860	4511	4516	4528	rVB6	2561	4102	1.21%	0.103%
74	15.976	4544	4552	4560	rVB6	3440	5668	1.68%	0.143%
75	16.259	4632	4640	4649	rBV4	5776	9690	2.86%	0.244%
76	16.410	4678	4687	4692	rBV3	8820	13089	3.87%	0.329%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122321\
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Acq On : 24 Dec 2021 00:13
Operator : SY/MD
Sample : M5170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AO6

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	16.449	4692	4699	4709	rVB9	6464	10088	2.98%	0.254%
78	16.767	4790	4798	4809	rBV10	3952	5830	1.72%	0.147%

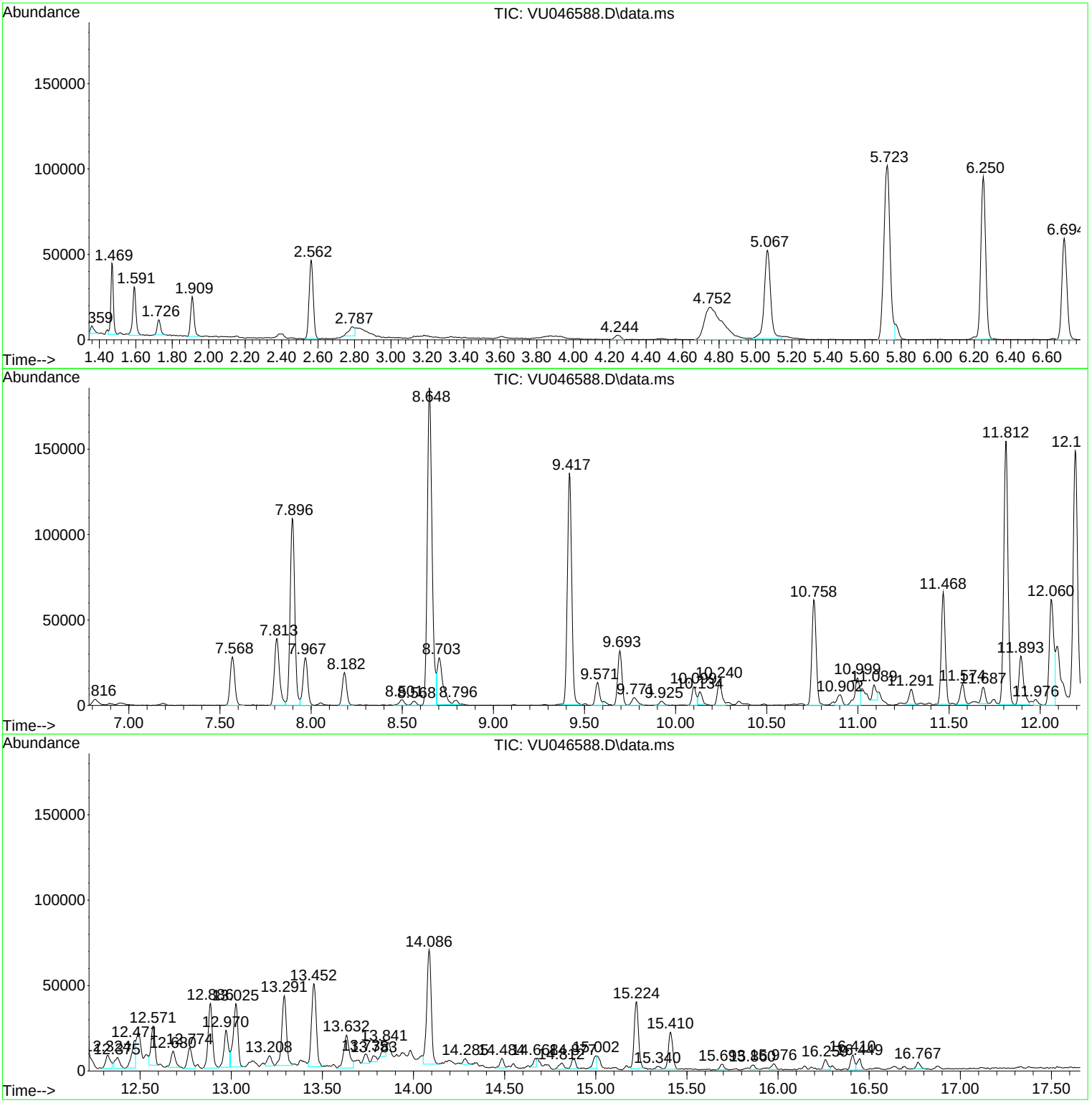
Sum of corrected areas: 3975804

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122321\
Data File : VU046588.D
Acq On : 24 Dec 2021 00:13
Operator : SY/MD
Sample : M5170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AO6

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\VU122321\
Data File : VU046588.D
Acq On : 24 Dec 2021 00:13
Operator : SY/MD
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ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AO6

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

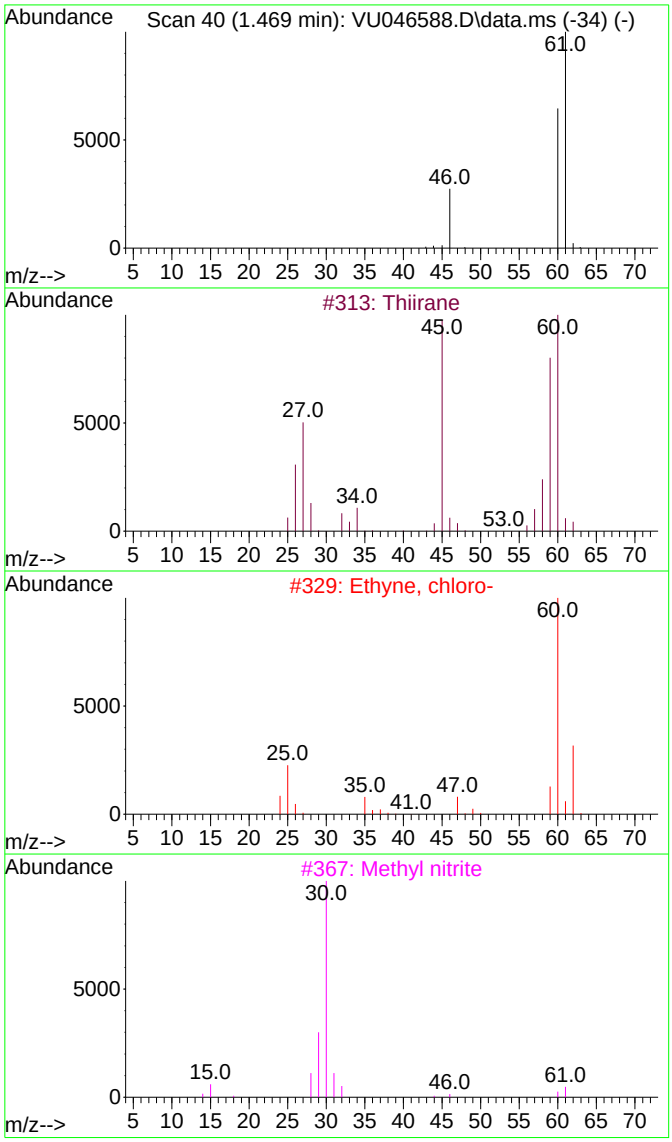
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

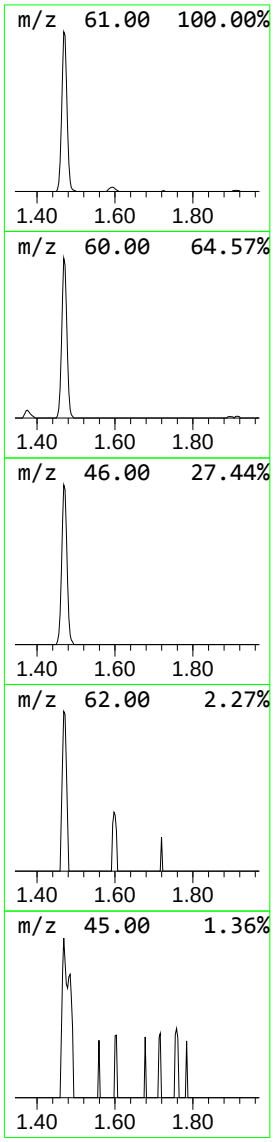
****

Peak Number 1 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.469	1.13 ug/L	39792	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiirane	60	C2H4S	000420-12-2	7
2	Ethyne, chloro-	60	C2HCl	000593-63-5	5
3	Methyl nitrite	61	CH3NO2	000624-91-9	5
4	o-Ethylhydroxylamine	61	C2H7NO	000624-86-2	4
5	Carbonyl sulfide	60	COS	000463-58-1	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122321\
Data File : VU046588.D
Acq On : 24 Dec 2021 00:13
Operator : SY/MD
Sample : M5170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AO6

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

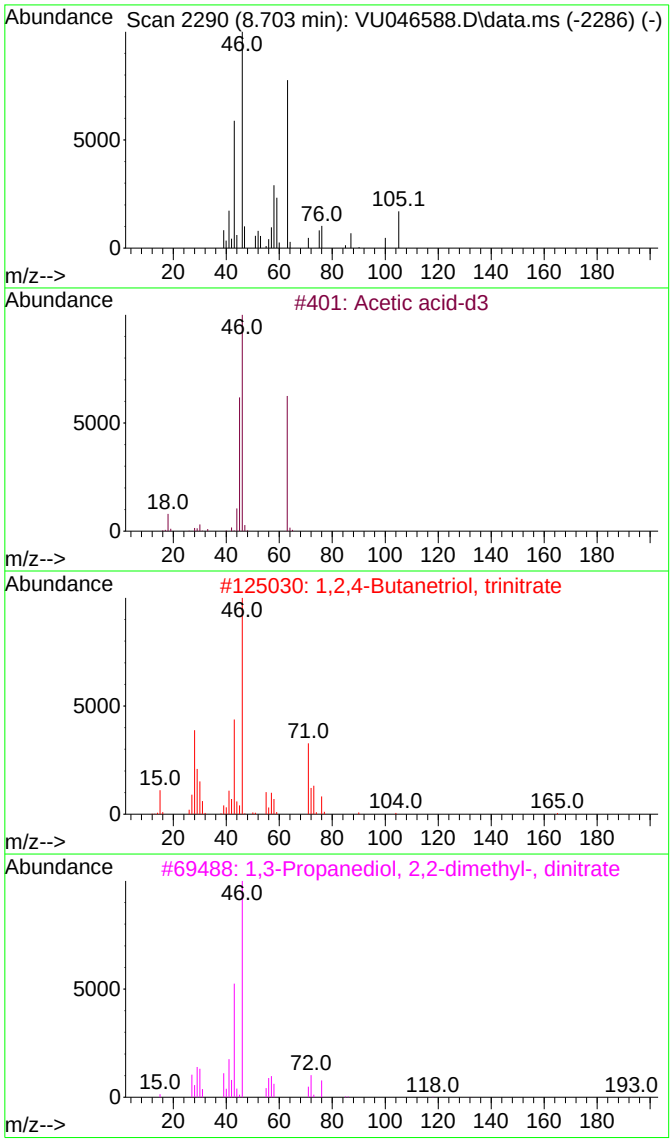
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

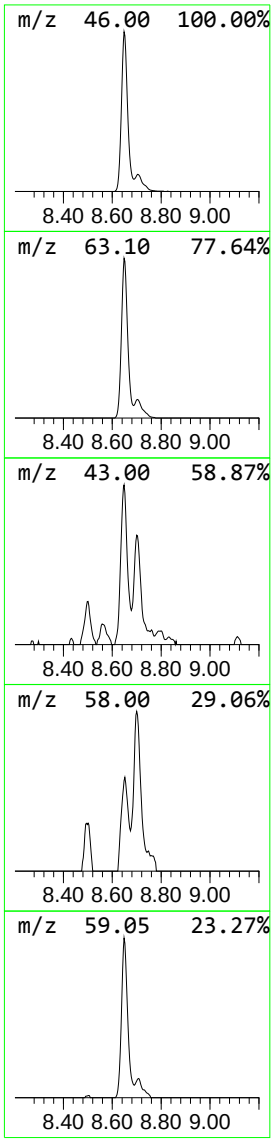
****

Peak Number 3 unknown-02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.703	1.25 ug/L	55531	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid-d3	63	C2HD3O2	001112-02-3	9
2	1,2,4-Butanetriol, trinitrate	241	C4H7N3O9	006659-60-5	9
3	1,3-Propanediol, 2,2-dimethyl-, ...	194	C5H10N2O6	026482-65-5	7
4	2-Chloroethyl methyl sulfone	142	C3H7ClO2S	050890-51-2	4
5	Ethane, 1,1-dichloro-	98	C2H4Cl2	000075-34-3	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122321\
Data File : VU046588.D
Acq On : 24 Dec 2021 00:13
Operator : SY/MD
Sample : M5170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AO6

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

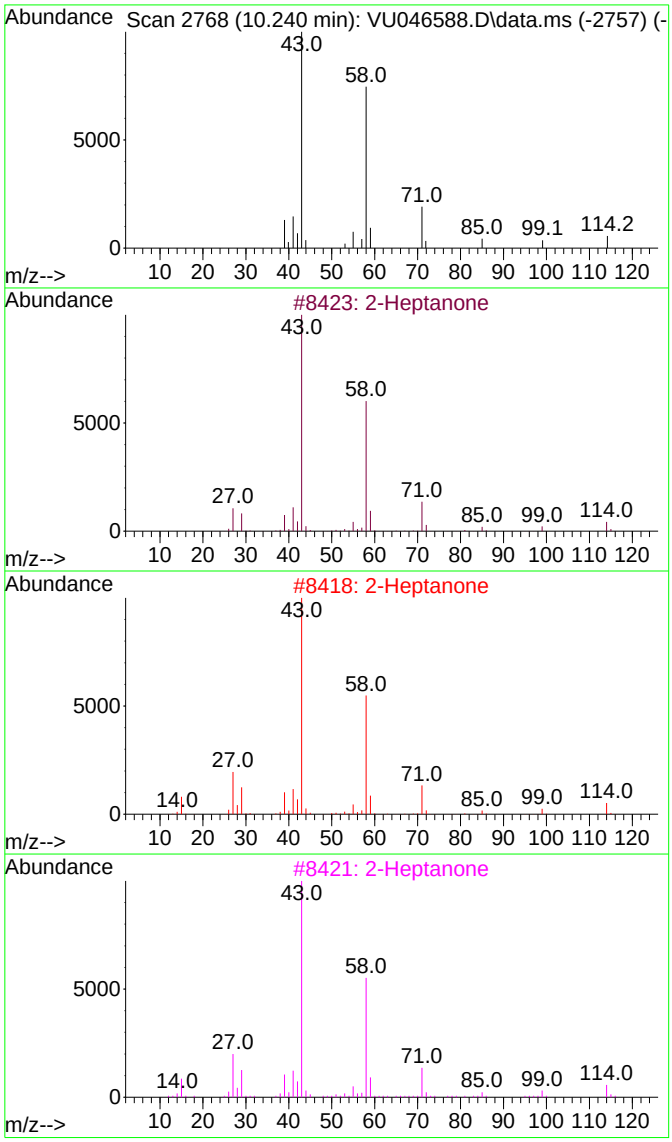
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

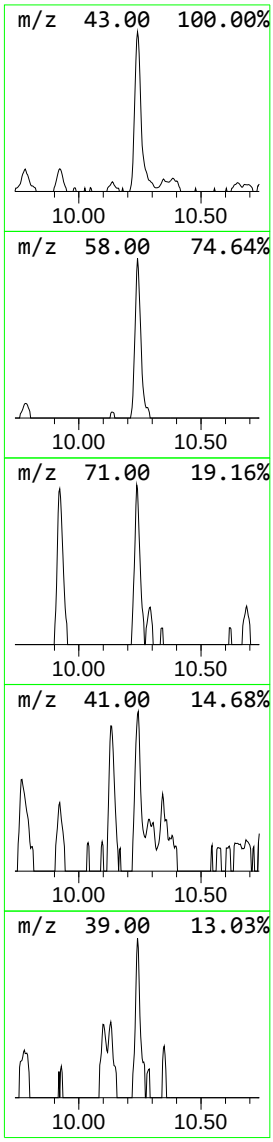
****

Peak Number 4 2-Heptanone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.240	0.53 ug/L	23631	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone	114	C7H14O	000110-43-0	91
2	2-Heptanone	114	C7H14O	000110-43-0	91
3	2-Heptanone	114	C7H14O	000110-43-0	91
4	2-Heptanone	114	C7H14O	000110-43-0	91
5	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122321\
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ALS Vial : 22 Sample Multiplier: 1

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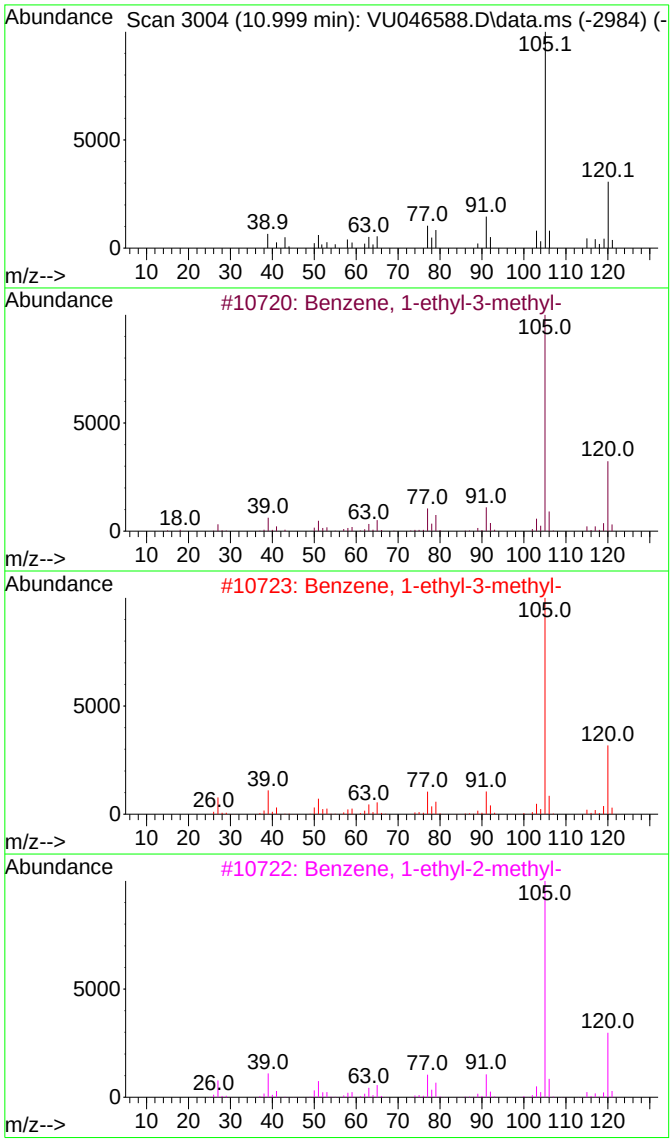
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

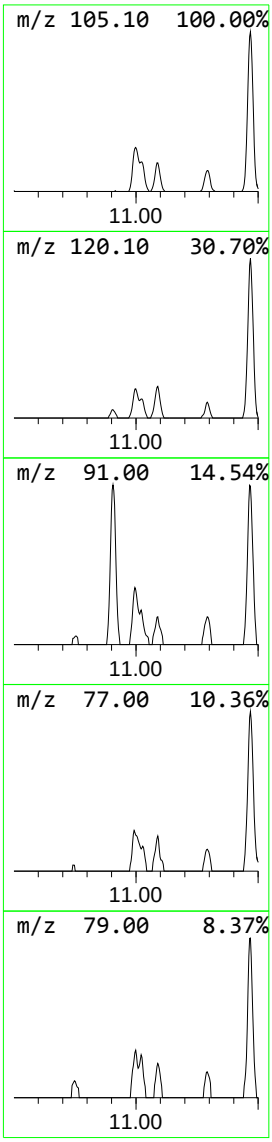
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.999	0.62 ug/L	30540	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-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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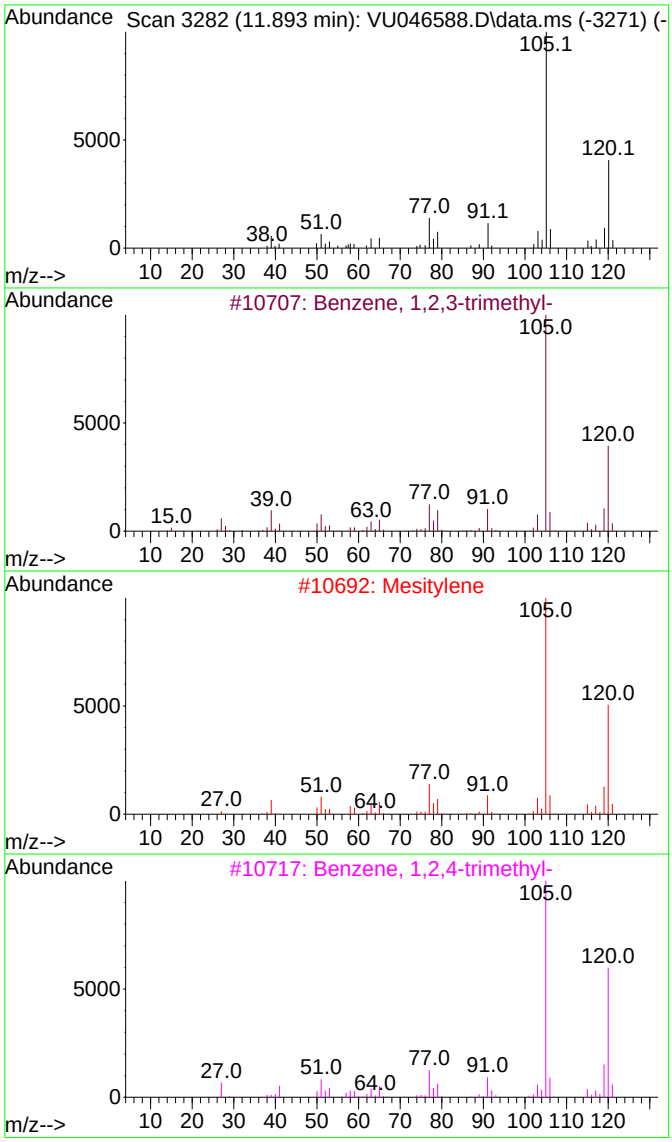
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

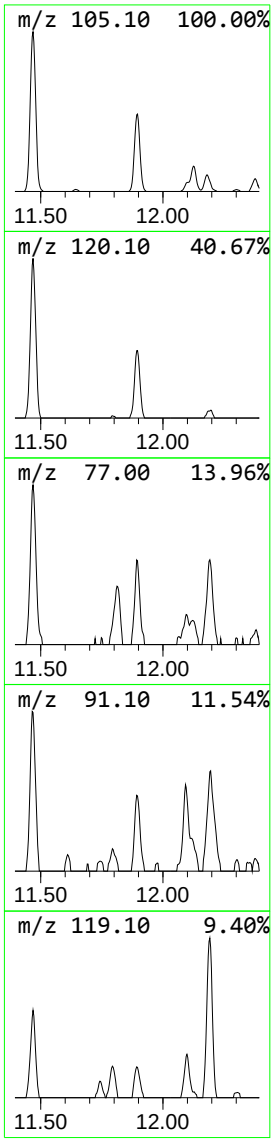
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.893	1.04 ug/L	50967	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122321\
Data File : VU046588.D
Acq On : 24 Dec 2021 00:13
Operator : SY/MD
Sample : M5170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AO6

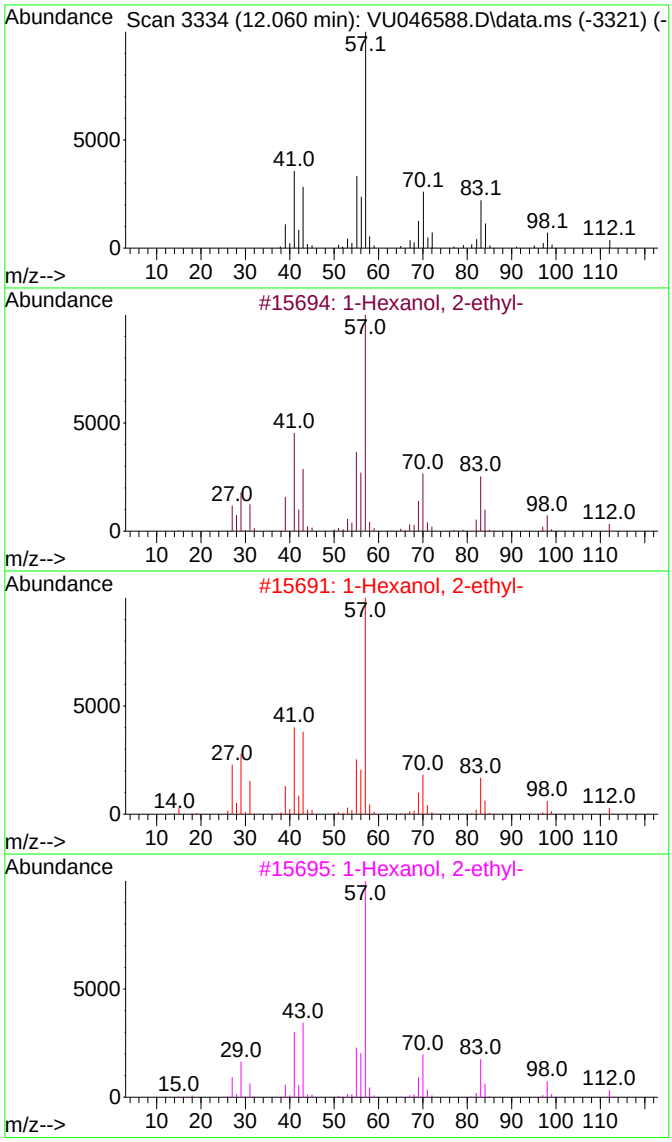
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

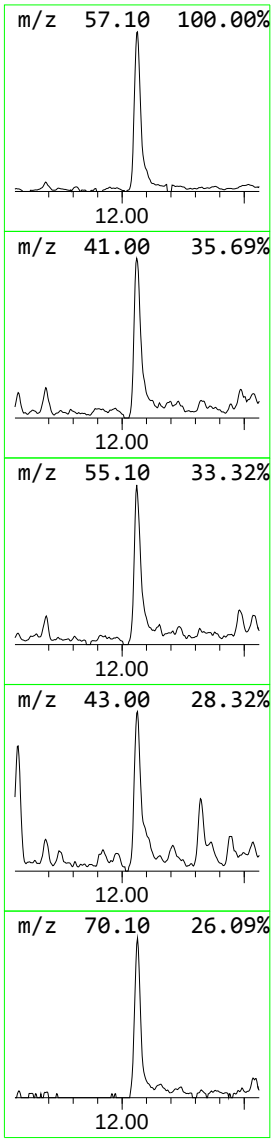
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.060	2.24 ug/L	109939	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122321\
Data File : VU046588.D
Acq On : 24 Dec 2021 00:13
Operator : SY/MD
Sample : M5170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AO6

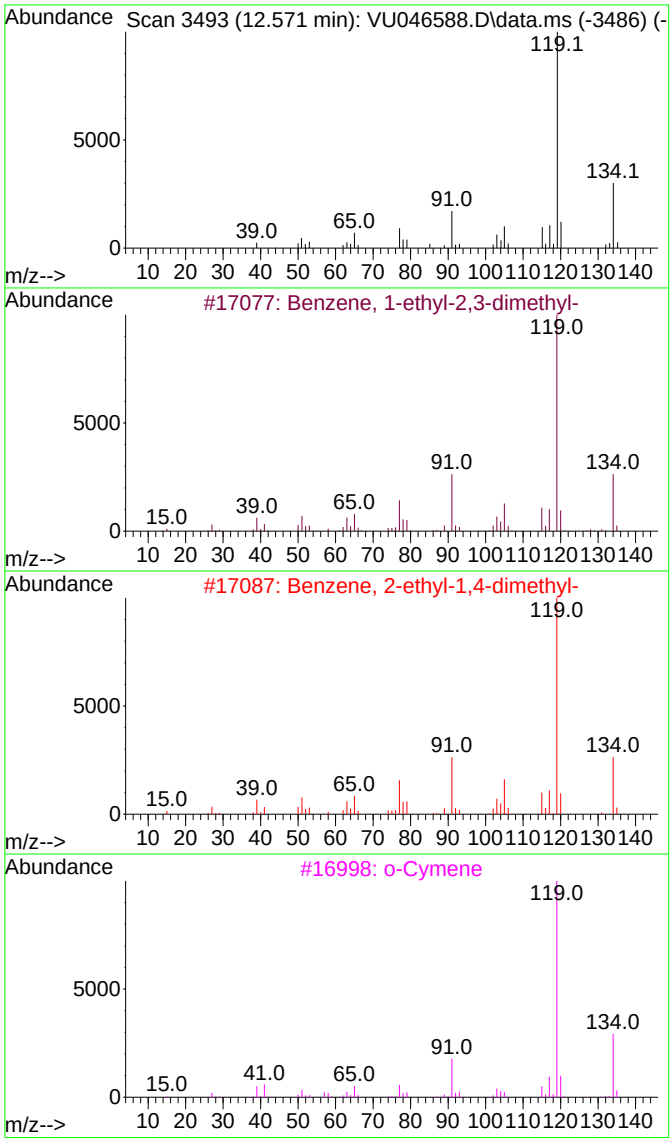
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

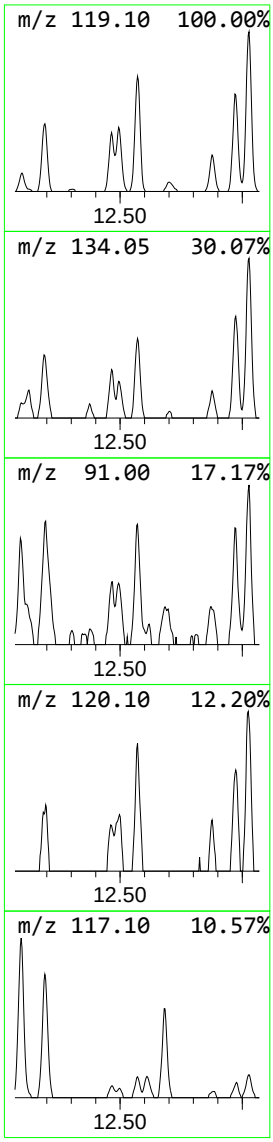
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.571	0.67 ug/L	33047	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	o-Cymene	134	C10H14	000527-84-4	94
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5	o-Cymene	134	C10H14	000527-84-4	94





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Data File : VU046588.D
Acq On : 24 Dec 2021 00:13
Operator : SY/MD
Sample : M5170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AO6

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

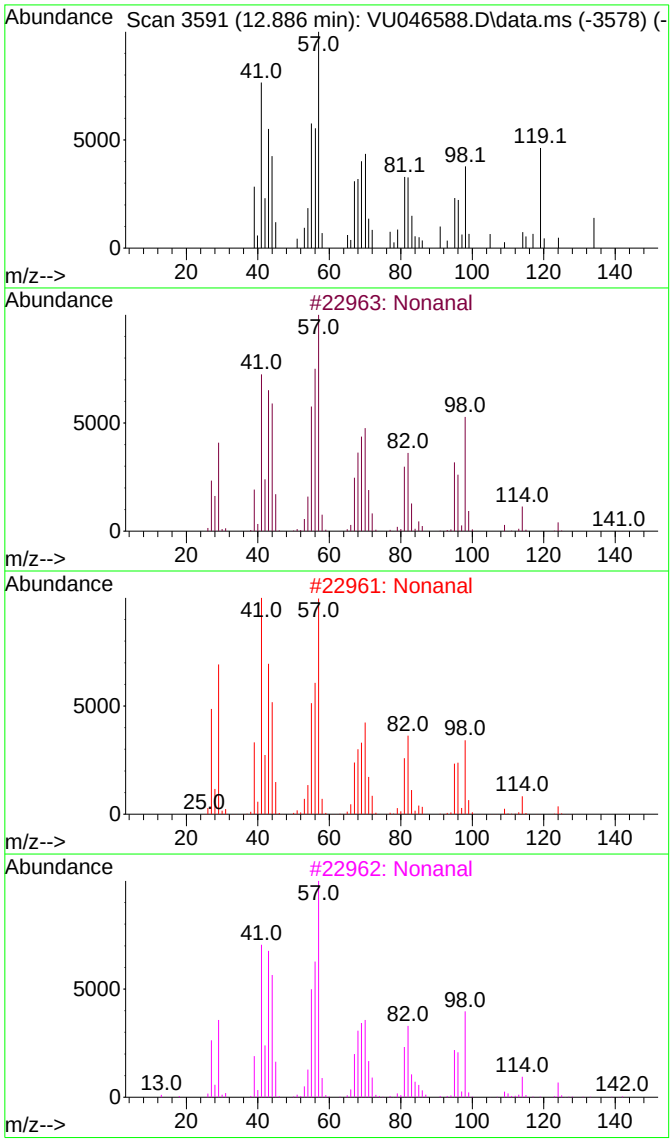
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

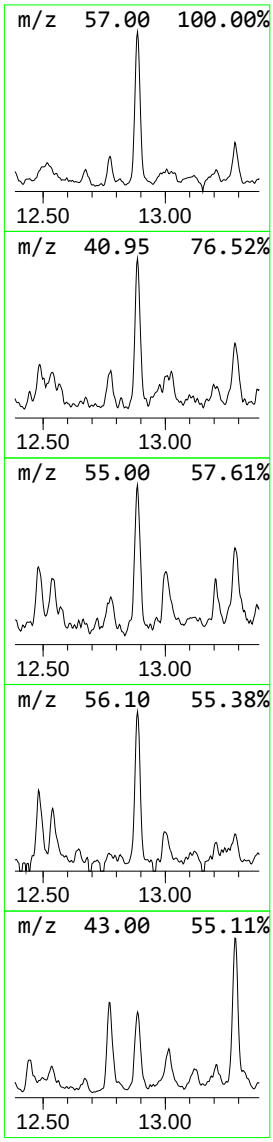
****

Peak Number 9 Nonanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.886	1.26 ug/L	61849	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	74
2	Nonanal	142	C9H18O	000124-19-6	74
3	Nonanal	142	C9H18O	000124-19-6	58
4	Heptane, 2-chloro-	134	C7H15Cl	001001-89-4	27
5	Heptane, 2-chloro-	134	C7H15Cl	001001-89-4	27





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Data File : VU046588.D
Acq On : 24 Dec 2021 00:13
Operator : SY/MD
Sample : M5170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AO6

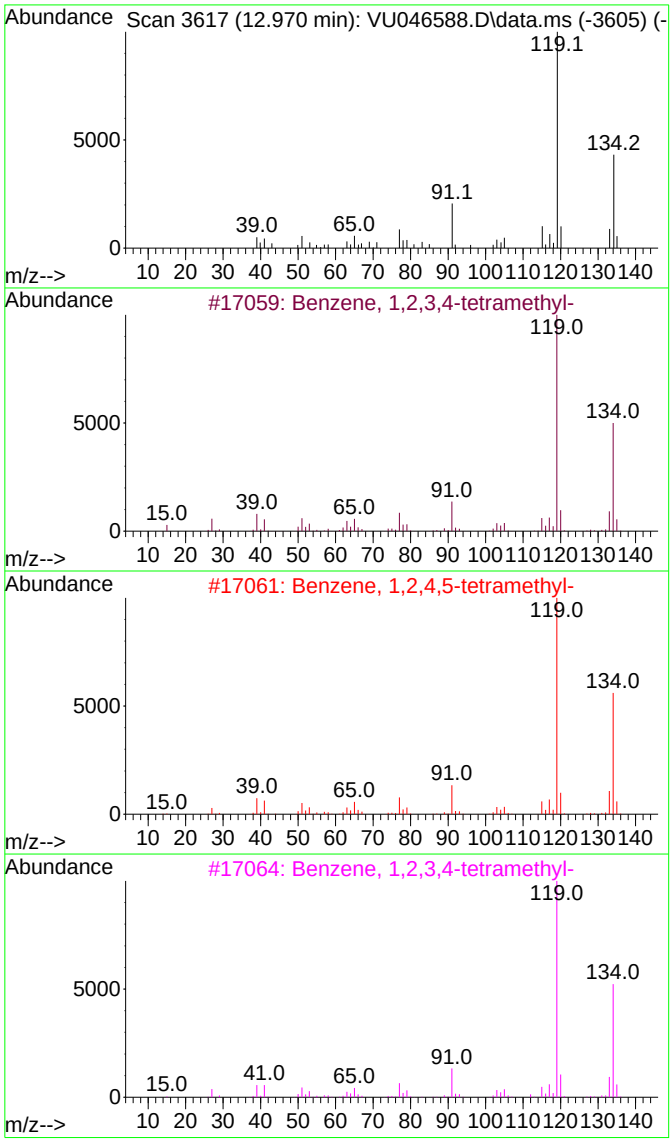
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

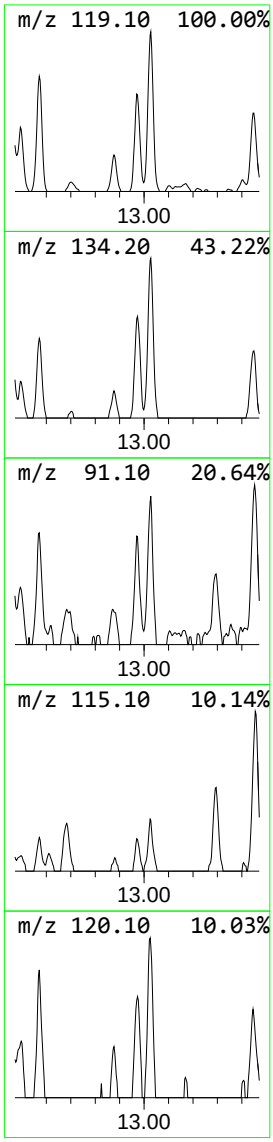
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.970	0.75 ug/L	36792	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122321\
Data File : VU046588.D
Acq On : 24 Dec 2021 00:13
Operator : SY/MD
Sample : M5170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AO6

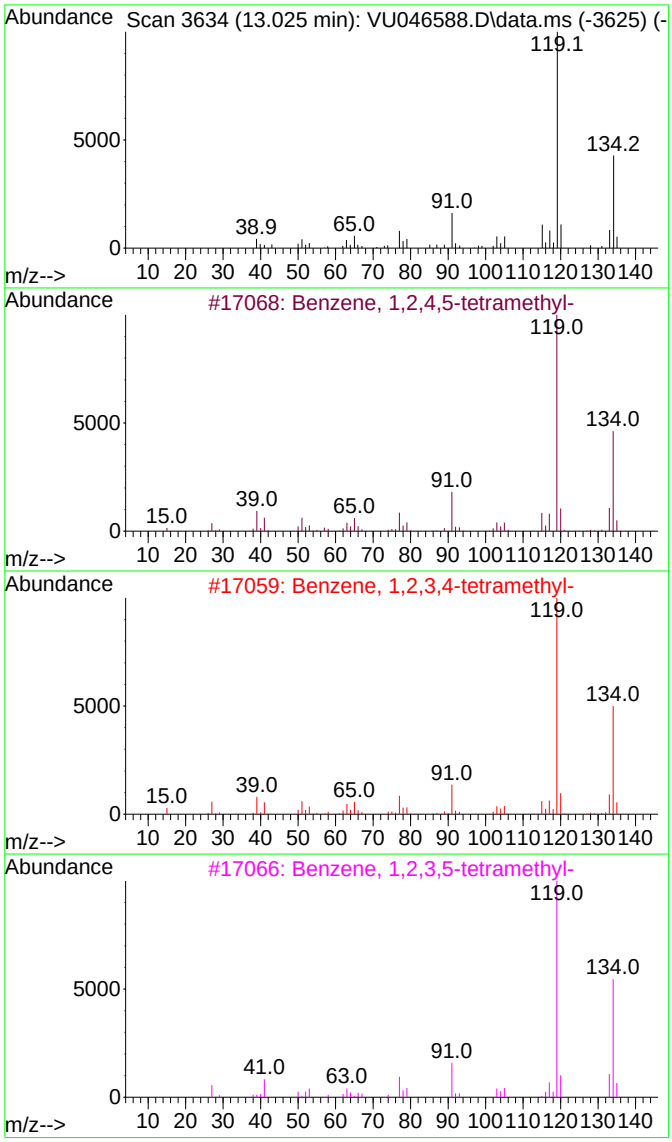
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

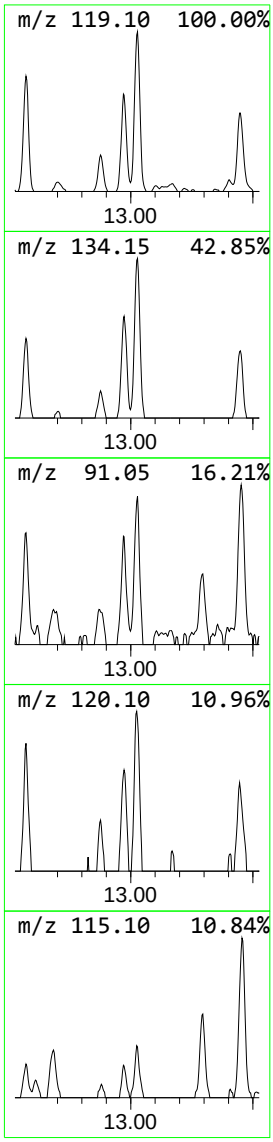
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.025	1.33 ug/L	65523	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, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





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Data File : VU046588.D
Acq On : 24 Dec 2021 00:13
Operator : SY/MD
Sample : M5170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AO6

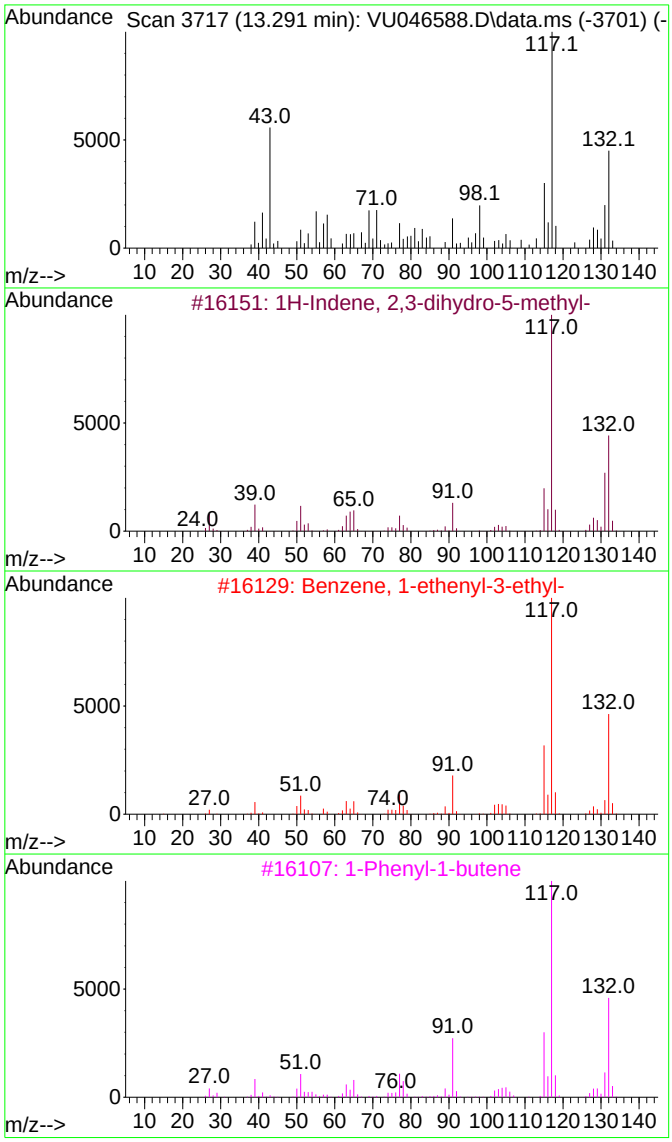
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

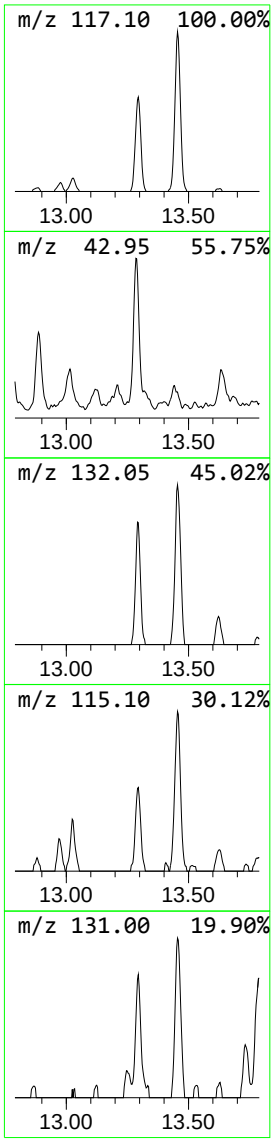
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.291	1.48 ug/L	72729	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	81
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	76
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	76
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	74
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122321\
Data File : VU046588.D
Acq On : 24 Dec 2021 00:13
Operator : SY/MD
Sample : M5170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AO6

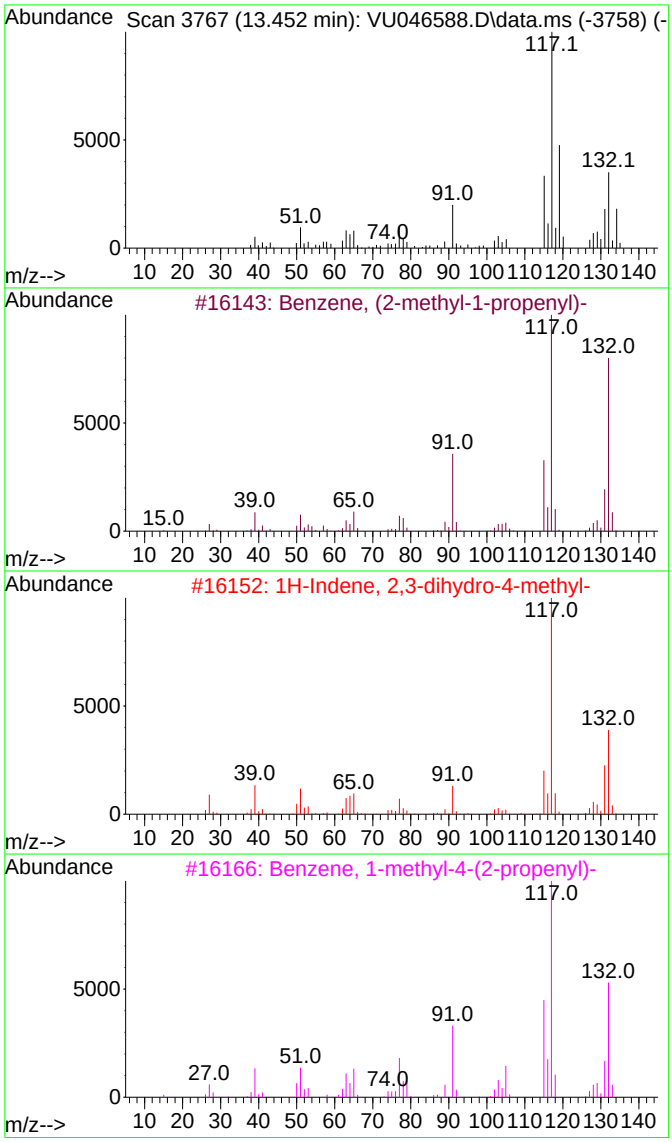
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

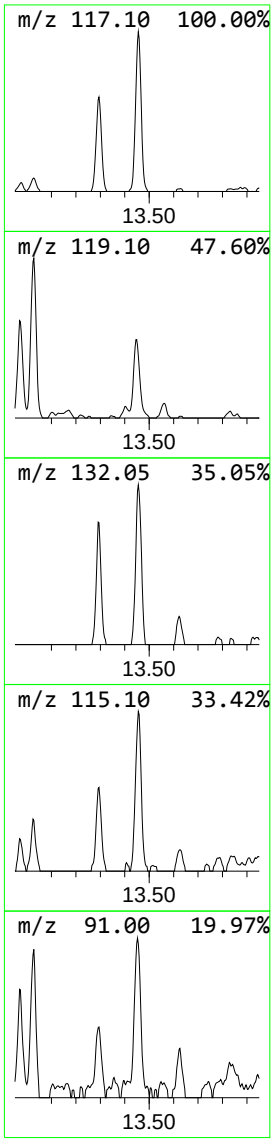
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, (2-methyl-1-propen... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.452	1.77 ug/L	87223	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	70
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	70
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	70
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122321\
Data File : VU046588.D
Acq On : 24 Dec 2021 00:13
Operator : SY/MD
Sample : M5170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AO6

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

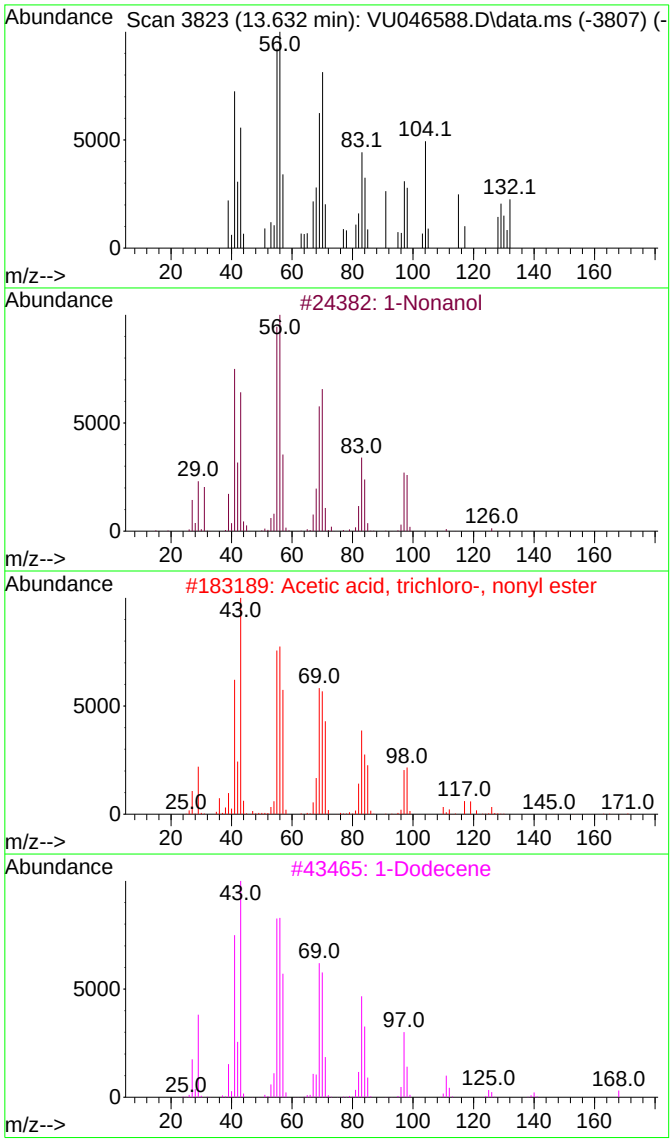
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

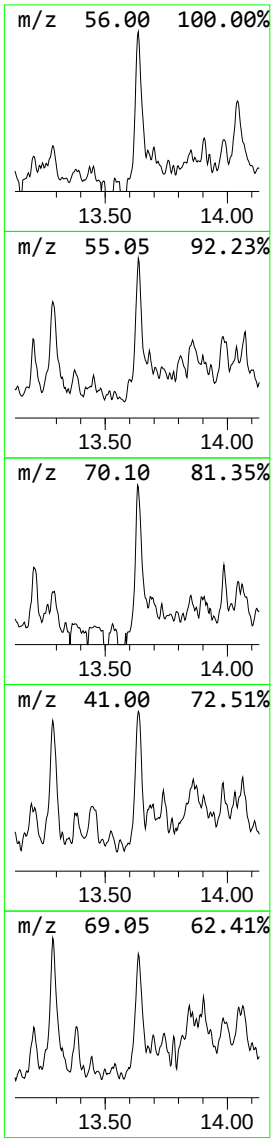
****

Peak Number 14 1-Nonanol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.632	0.86 ug/L	42302	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonanol	144	C9H20O	000143-08-8	68
2	Acetic acid, trichloro-, nonyl e...	288	C11H19Cl3O2	065611-32-7	64
3	1-Dodecene	168	C12H24	000112-41-4	58
4	Cyclopropane, nonyl-	168	C12H24	074663-85-7	58
5	Cyclopropane, 1-ethyl-2-heptyl-	168	C12H24	074663-86-8	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122321\
Data File : VU046588.D
Acq On : 24 Dec 2021 00:13
Operator : SY/MD
Sample : M5170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AO6

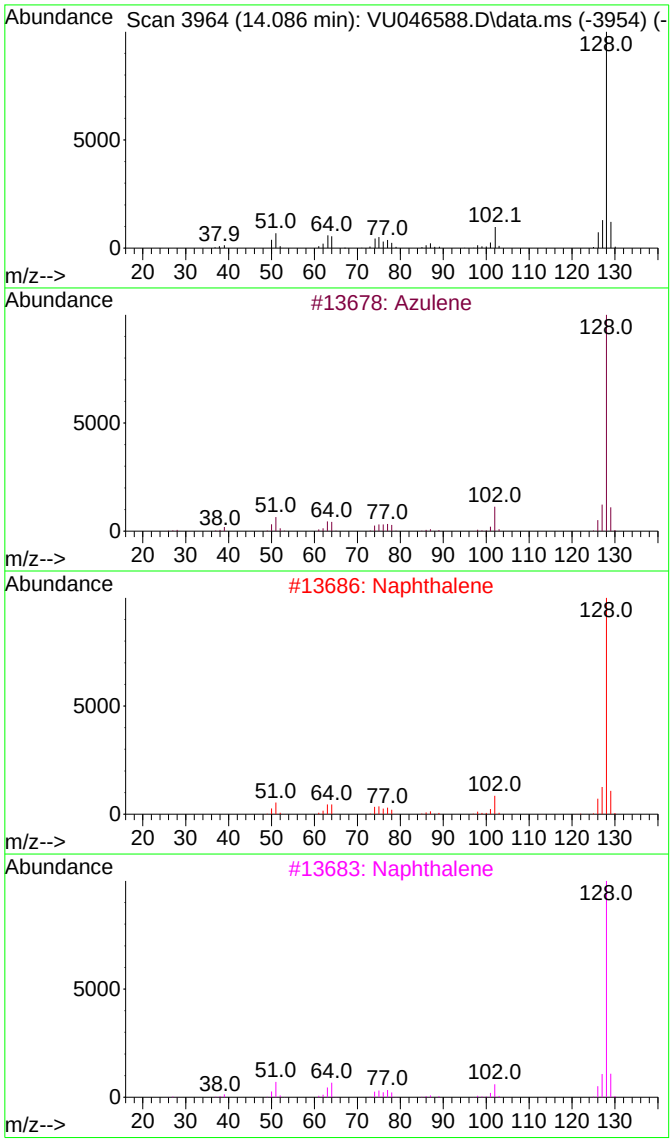
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

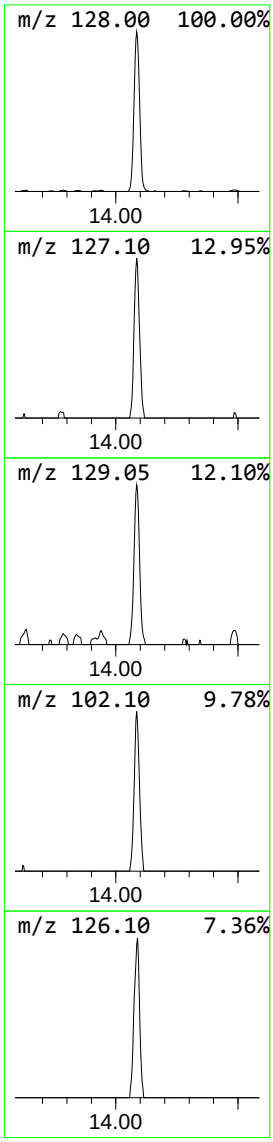
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.086	2.32 ug/L	114278	1,4-Dichlorobenzene-d4	11.812

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122321\
Data File : VU046588.D
Acq On : 24 Dec 2021 00:13
Operator : SY/MD
Sample : M5170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AO6

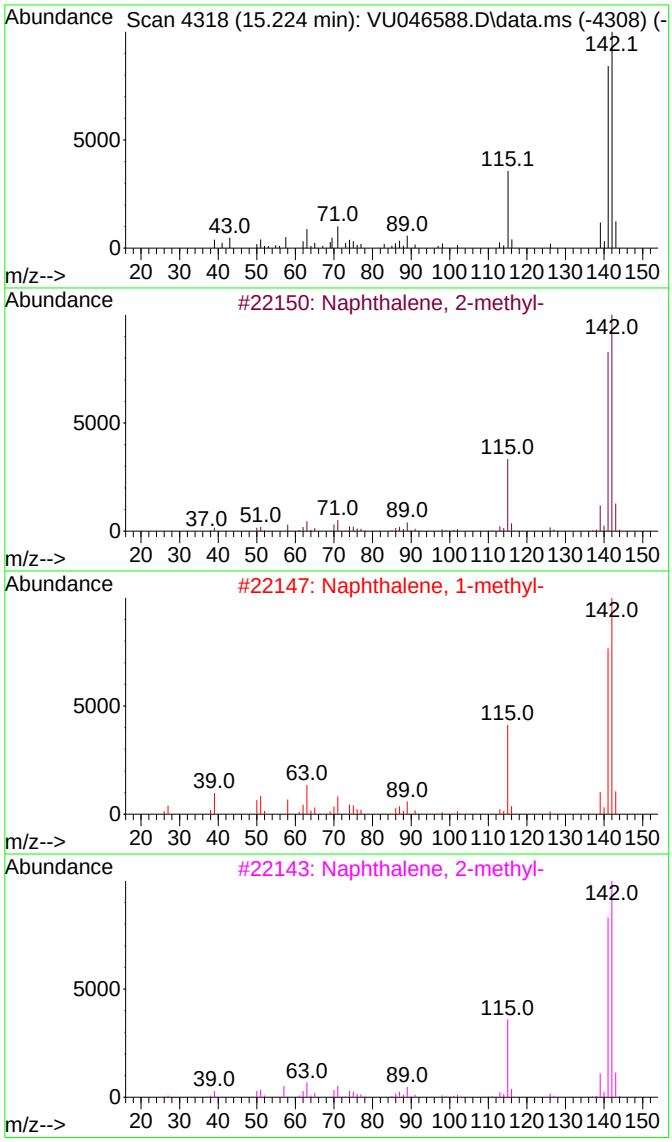
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

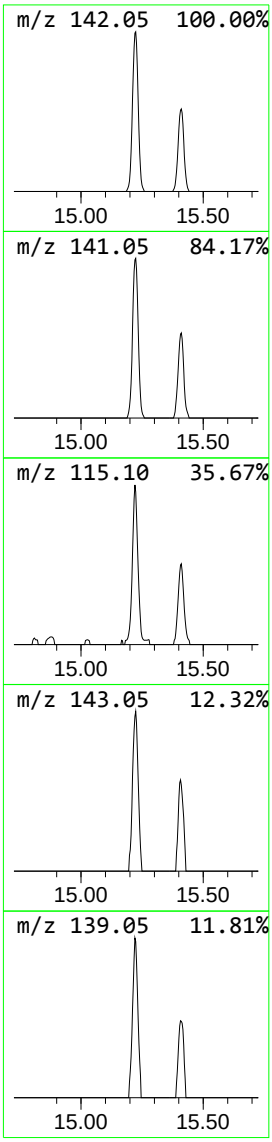
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphthalene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.224	1.29 ug/L	63649	1,4-Dichlorobenzene-d4	11.812

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122321\
Data File : VU046588.D
Acq On : 24 Dec 2021 00:13
Operator : SY/MD
Sample : M5170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AO6

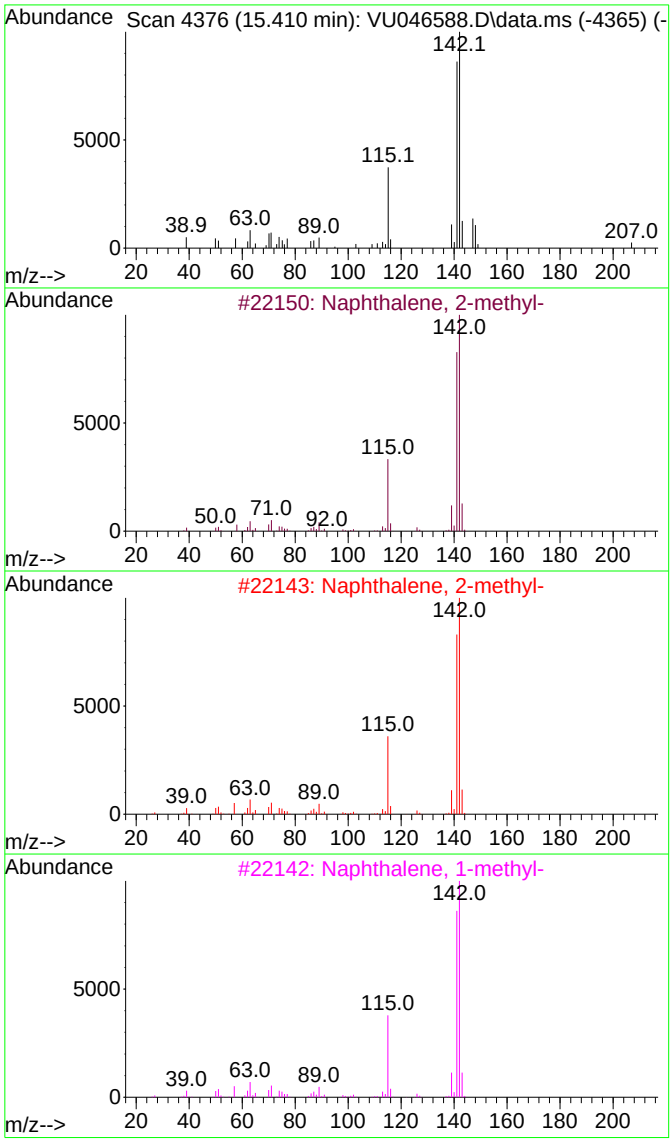
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

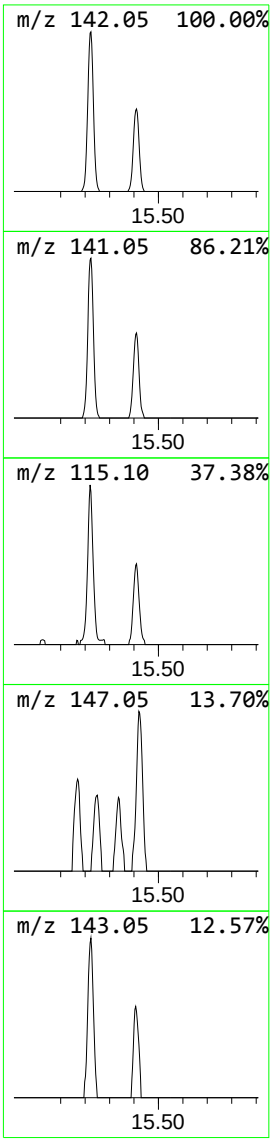
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Naphthalene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.410	0.73 ug/L	36095	1,4-Dichlorobenzene-d4	11.812

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122321\
Data File : VU046588.D
Acq On : 24 Dec 2021 00:13
Operator : SY/MD
Sample : M5170-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AO6

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
unknown-01	1.469	1.1	ug/L	39792	1	6.250	175311	5.0
unknown-02	8.703	1.3	ug/L	55531	2	9.417	221717	5.0
2-Heptanone	10.240	0.5	ug/L	23631	2	9.417	221717	5.0
Benzene, 1-ethy...	10.999	0.6	ug/L	30540	3	11.812	245824	5.0
Benzene, 1,2,3-...	11.893	1.0	ug/L	50967	3	11.812	245824	5.0
1-Hexanol, 2-et...	12.060	2.2	ug/L	109939	3	11.812	245824	5.0
Benzene, 1-ethy...	12.571	0.7	ug/L	33047	3	11.812	245824	5.0
Nonanal	12.886	1.3	ug/L	61849	3	11.812	245824	5.0
Benzene, 1,2,3,...	12.970	0.8	ug/L	36792	3	11.812	245824	5.0
Benzene, 1,2,4,...	13.025	1.3	ug/L	65523	3	11.812	245824	5.0
1H-Indene, 2,3-...	13.291	1.5	ug/L	72729	3	11.812	245824	5.0
Benzene, (2-met...	13.452	1.8	ug/L	87223	3	11.812	245824	5.0
1-Nonanol	13.632	0.9	ug/L	42302	3	11.812	245824	5.0
Azulene	14.086	2.3	ug/L	114278	3	11.812	245824	5.0
Naphthalene, 2-...	15.224	1.3	ug/L	63649	3	11.812	245824	5.0
Naphthalene, 1-...	15.410	0.7	ug/L	36095	3	11.812	245824	5.0