LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070221\
Data File : VU044295.D
Acq On : 02 Jul 2021 11:17
Operator : SY/MD
Sample : M2905-18DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK26DL

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\SFAMUTR062121WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU044295.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.475	36	42	51	rVB	52794	51478	7.16%	0.501%
2	1.604	70	82	90	rBV2	47010	71405	9.93%	0.695%
3	1.919	173	180	195	rVB	46300	62580	8.70%	0.609%
4	2.575	368	384	399	rBV	78387	131211	18.25%	1.277%
5	3.054	522	533	545	rBV3	9179	18245	2.54%	0.178%
6	3.195	564	577	593	rVB2	6614	15236	2.12%	0.148%
7	3.594	688	701	721	rVB5	2758	7567	1.05%	0.074%
8	4.462	958	971	992	rBV5	5727	15253	2.12%	0.148%
9	4.642	1012	1027	1069	rBV2	78253	250624	34.85%	2.438%
10	5.073	1145	1161	1183	rBV	82839	182058	25.32%	1.771%
11	5.735	1346	1367	1394	rBV2	162271	429285	59.70%	4.177%
12	6.256	1514	1529	1546	rBV	165195	312166	43.41%	3.037%
13	6.700	1651	1667	1681	rBV	105603	207017	28.79%	2.014%
14	7.574	1926	1939	1953	rBV	56097	97824	13.60%	0.952%
15	7.906	2029	2042	2057	rBV	213797	366790	51.01%	3.569%
16	8.189	2119	2130	2147	rBV	35890	60854	8.46%	0.592%
17	8.642	2257	2271	2304	rBV	280012	542825	75.49%	5.281%
18	9.423	2502	2514	2536	rBV	237753	392651	54.60%	3.820%
19	9.700	2590	2600	2613	rVB	8666	14390	2.00%	0.140%
20	10.108	2716	2727	2741	rVB2	15058	24506	3.41%	0.238%
21	10.491	2835	2846	2863	rVB	56238	87284	12.14%	0.849%
22	10.764	2920	2931	2945	rBV	87968	139032	19.33%	1.353%
23	10.912	2963	2977	2993	rVB	145311	222883	31.00%	2.169%
24	11.005	2993	3006	3024	rVV	288655	611968	85.10%	5.954%
25	11.095	3024	3034	3049	rVB	150954	233927	32.53%	2.276%
26	11.298	3085	3097	3112	rBV	210190	322080	44.79%	3.134%
27	11.426	3128	3137	3141	rBV2	10035	14238	1.98%	0.139%
28	11.475	3141	3152	3169	rVV	474095	719092	100.00%	6.996%
29	11.565	3170	3180	3187	rVV4	4571	7637	1.06%	0.074%
30	11.619	3187	3197	3201	rVV2	19563	30349	4.22%	0.295%
31	11.648	3201	3206	3219	rVB	27173	41786	5.81%	0.407%
32	11.751	3228	3238	3247	rBV	53966	80331	11.17%	0.782%
33	11.819	3247	3259	3273	rVV	279714	450196	62.61%	4.380%
34	11.902	3273	3285	3297	rVB	126873	201010	27.95%	1.956%
35	12.015	3305	3320	3331	rVB2	16929	26429	3.68%	0.257%
36	12.105	3331	3348	3354	rBV2	178484	302304	42.04%	2.941%

LSC Area Percent Report

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ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK26DL

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

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Title : TRACE VOA SFAM1.0

37	12.198	3366	3377	3400	rVB4	329856	578514	80.45%	5.629%
38	12.307	3400	3411	3424	rBV	57910	88795	12.35%	0.864%
39	12.385	3424	3435	3450	rVB	126189	190222	26.45%	1.851%
40	12.471	3450	3462	3467	rBV	134624	208841	29.04%	2.032%
41	12.504	3468	3472	3484	rVB	106706	140274	19.51%	1.365%
42	12.578	3485	3495	3504	rBV	126013	189300	26.32%	1.842%
43	12.619	3504	3508	3513	rVB2	7499	7291	1.01%	0.071%
44	12.693	3523	3531	3535	rBV2	28225	46100	6.41%	0.449%
45	12.815	3560	3569	3578	rBV4	13865	21254	2.96%	0.207%
46	12.883	3578	3590	3601	rVB2	56679	95948	13.34%	0.934%
47	12.992	3602	3624	3631	rBV2	101200	216102	30.05%	2.103%
48	13.031	3631	3636	3649	rVB	76740	117138	16.29%	1.140%
49	13.111	3649	3661	3676	rBV5	20676	39099	5.44%	0.380%
50	13.266	3702	3709	3715	rBV4	11625	16375	2.28%	0.159%
51	13.301	3715	3720	3726	rVV2	8103	10252	1.43%	0.100%
52	13.346	3726	3734	3746	rVB4	33656	59386	8.26%	0.578%
53	13.410	3746	3754	3760	rBV5	12933	21320	2.96%	0.207%
54	13.458	3760	3769	3775	rVV3	57596	101440	14.11%	0.987%
55	13.494	3775	3780	3797	rVB2	65219	105211	14.63%	1.024%
56	13.632	3814	3823	3833	rVB2	26657	40337	5.61%	0.392%
57	13.738	3844	3856	3868	rBV7	10971	24539	3.41%	0.239%
58	13.828	3875	3884	3894	rBV6	11772	26363	3.67%	0.257%
59	13.938	3907	3918	3923	rBV	102651	150803	20.97%	1.467%
60	13.986	3923	3933	3953	rVB3	344126	663426	92.26%	6.455%
61	14.098	3961	3968	3985	rVB3	13963	25746	3.58%	0.250%
62	14.208	3993	4002	4004	rBV5	10636	14524	2.02%	0.141%
63	14.291	4021	4028	4037	rVB5	4668	7778	1.08%	0.076%
64	14.378	4037	4055	4065	rBV4	16211	30626	4.26%	0.298%
65	14.587	4115	4120	4129	rVB4	13250	18418	2.56%	0.179%
66	14.674	4139	4147	4151	rBV3	6213	8519	1.18%	0.083%
67	14.716	4151	4160	4167	rVV2	21881	36293	5.05%	0.353%
68	14.761	4167	4174	4183	rVB	24643	34647	4.82%	0.337%
69	14.854	4196	4203	4210	rBV6	7127	11930	1.66%	0.116%
70	14.960	4227	4236	4250	rBV2	13161	21148	2.94%	0.206%
71	15.188	4295	4307	4314	rBV4	33098	55039	7.65%	0.536%
72	15.230	4314	4320	4329	rVB	24182	35872	4.99%	0.349%
73	15.417	4366	4378	4390	rBV3	29237	49087	6.83%	0.478%
74	16.130	4592	4600	4612	rBV5	9527	15699	2.18%	0.153%
75	16.417	4681	4689	4696	rBV3	6414	9749	1.36%	0.095%

LSC Area Percent Report

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Acq On : 02 Jul 2021 11:17
Operator : SY/MD
Sample : M2905-18DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBK26DL

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\SFAMUTR062121WMA.M
Title : TRACE VOA SFAM1.0

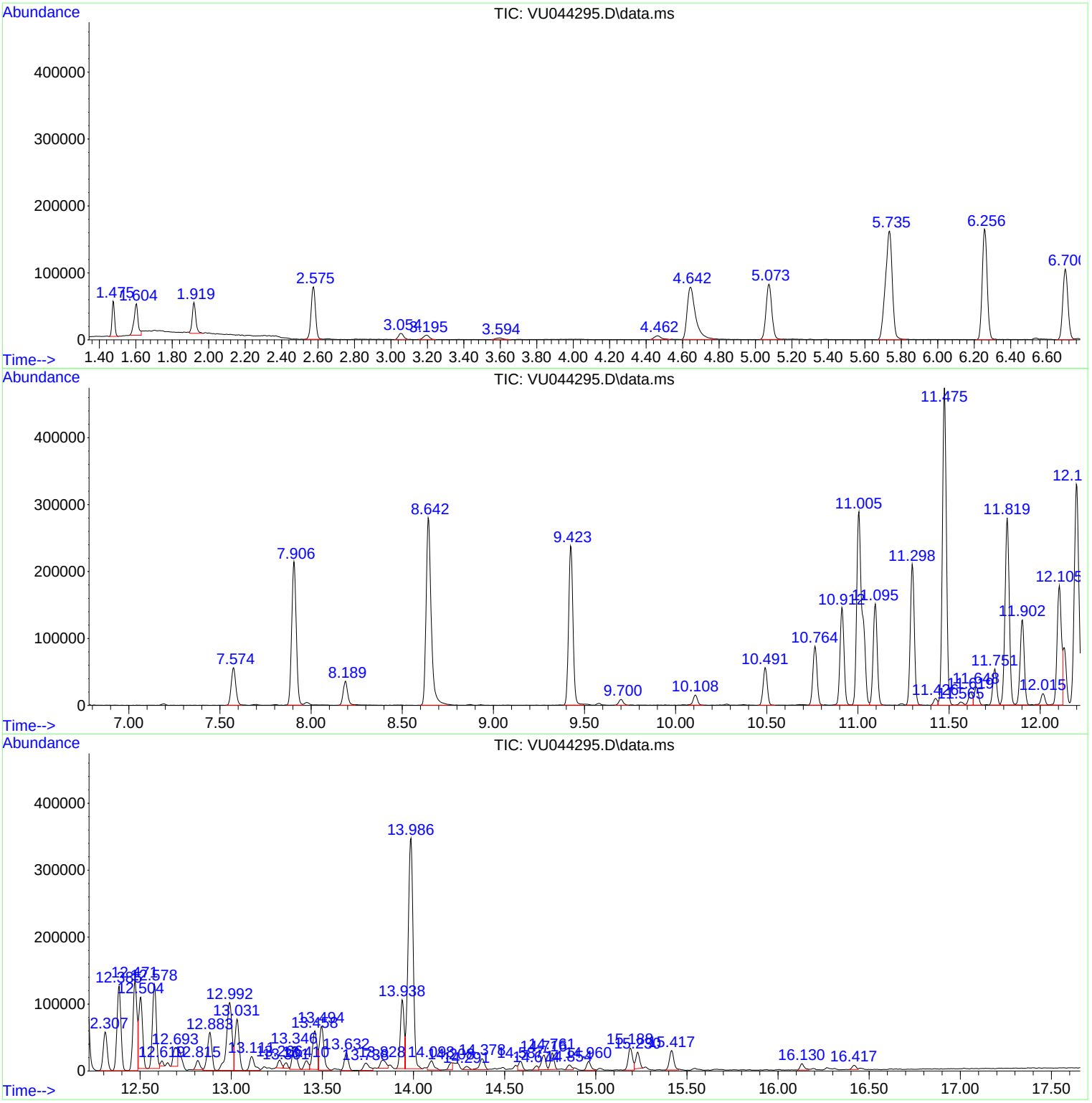
Sum of corrected areas: 10277916

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070221\
Data File : VU044295.D
Acq On : 02 Jul 2021 11:17
Operator : SY/MD
Sample : M2905-18DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBK26DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070221\
Data File : VU044295.D
Acq On : 02 Jul 2021 11:17
Operator : SY/MD
Sample : M2905-18DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK26DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

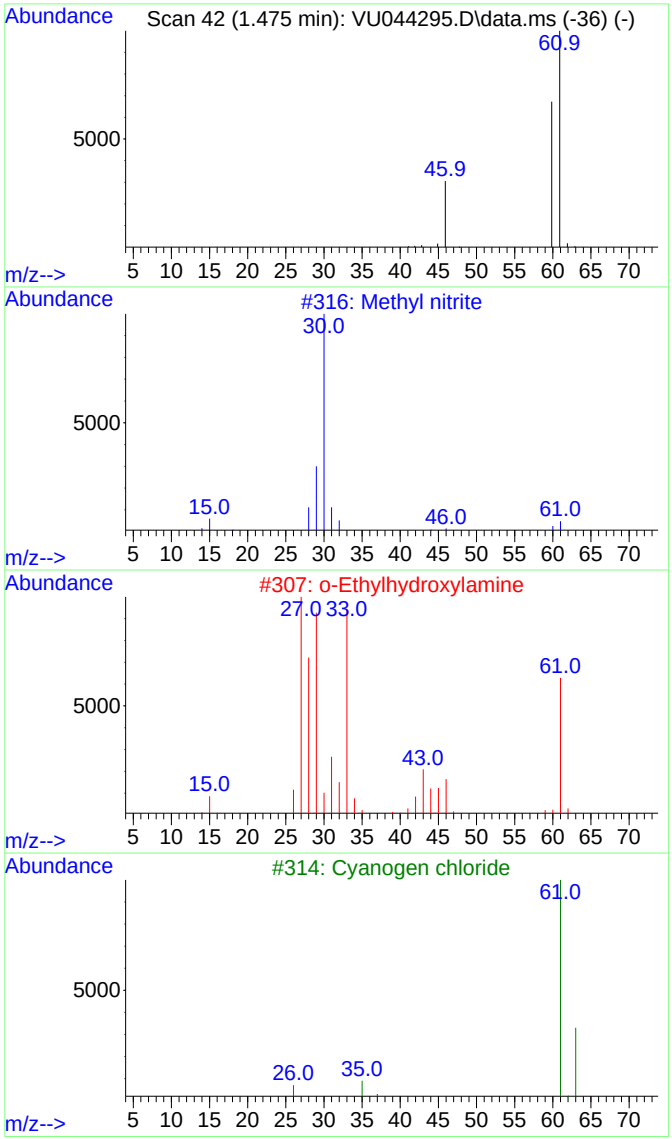
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

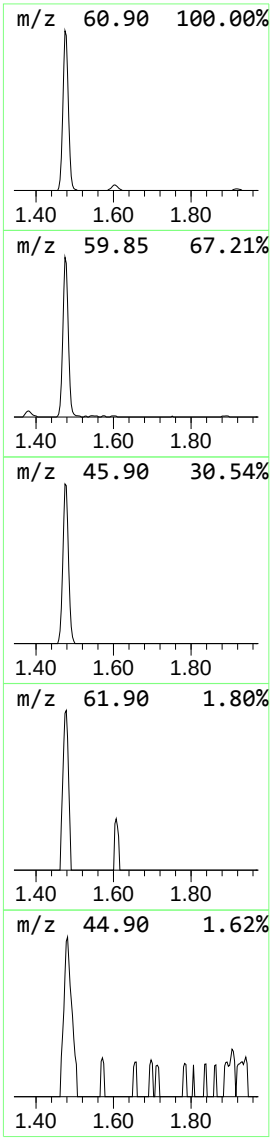
****

Peak Number 1 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.475	0.82 ug/L	51478	1,4-Difluorobenzene	6.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl nitrite	61	CH3NO2	000624-91-9	5
2	o-Ethylhydroxylamine	61	C2H7NO	1000322-42-5	4
3	Cyanogen chloride	61	CClN	000506-77-4	4
4	Cyanogen chloride	61	CClN	000506-77-4	4
5	Methyl formate	60	C2H4O2	000107-31-3	3





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070221\
Data File : VU044295.D
Acq On : 02 Jul 2021 11:17
Operator : SY/MD
Sample : M2905-18DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK26DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

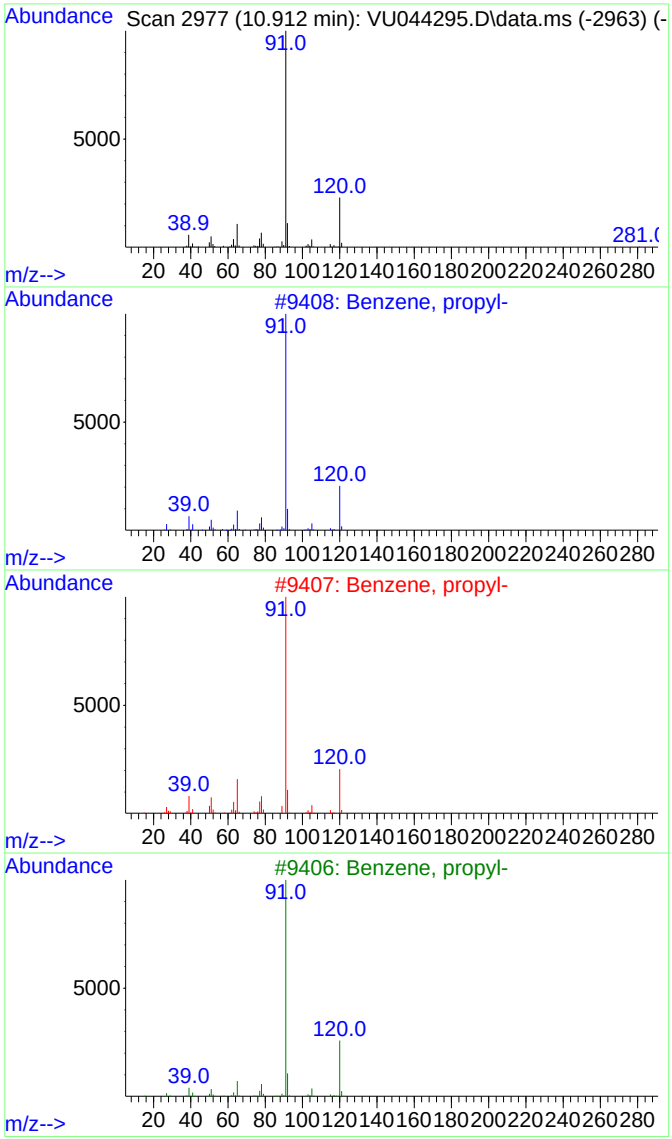
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

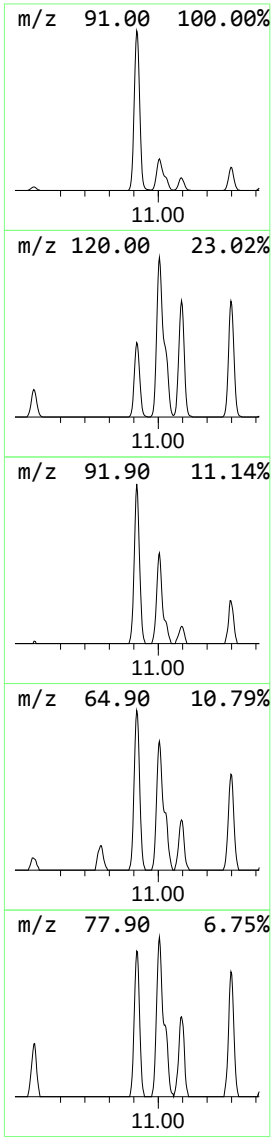
****

Peak Number 3 Benzene, propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.912	2.48 ug/L	222883	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	Benzene, propyl-	120	C9H12	000103-65-1	91
3	Benzene, propyl-	120	C9H12	000103-65-1	90
4	1-Benzylamino-2-benzyloxyethane	241	C16H19NO	038336-06-0	72
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070221\
Data File : VU044295.D
Acq On : 02 Jul 2021 11:17
Operator : SY/MD
Sample : M2905-18DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK26DL

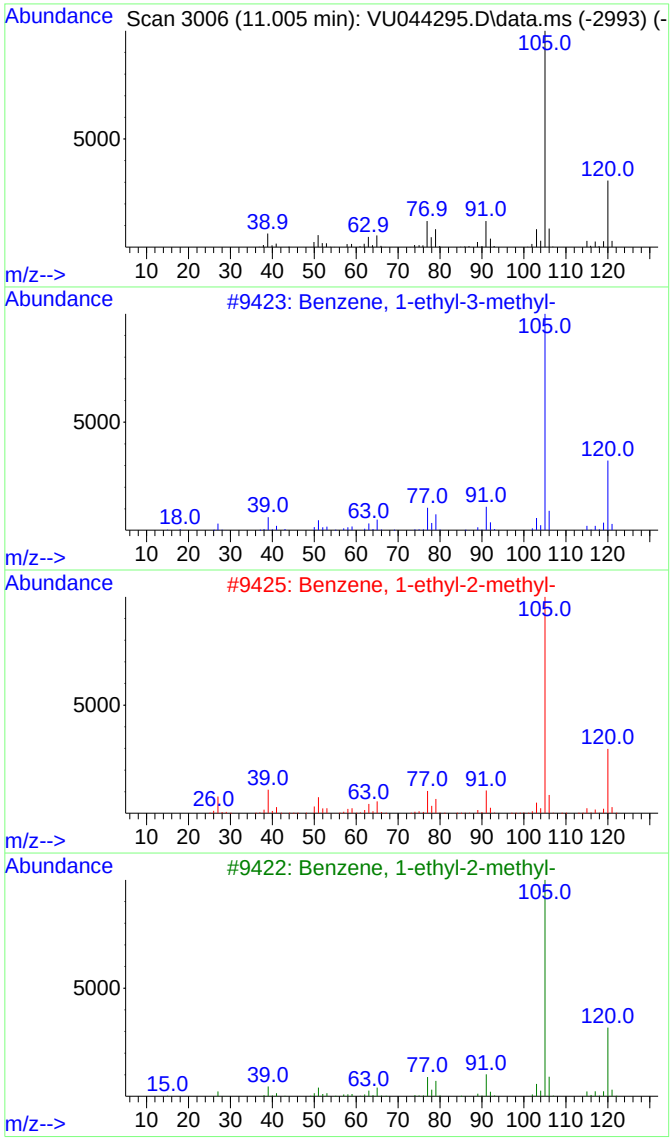
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

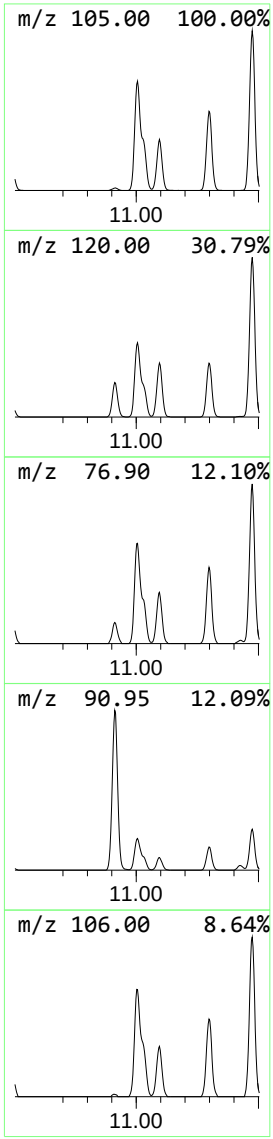
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.005	6.80 ug/L	611968	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Mesitylene	120	C9H12	000108-67-8	91





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Sample : M2905-18DL 5X
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ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK26DL

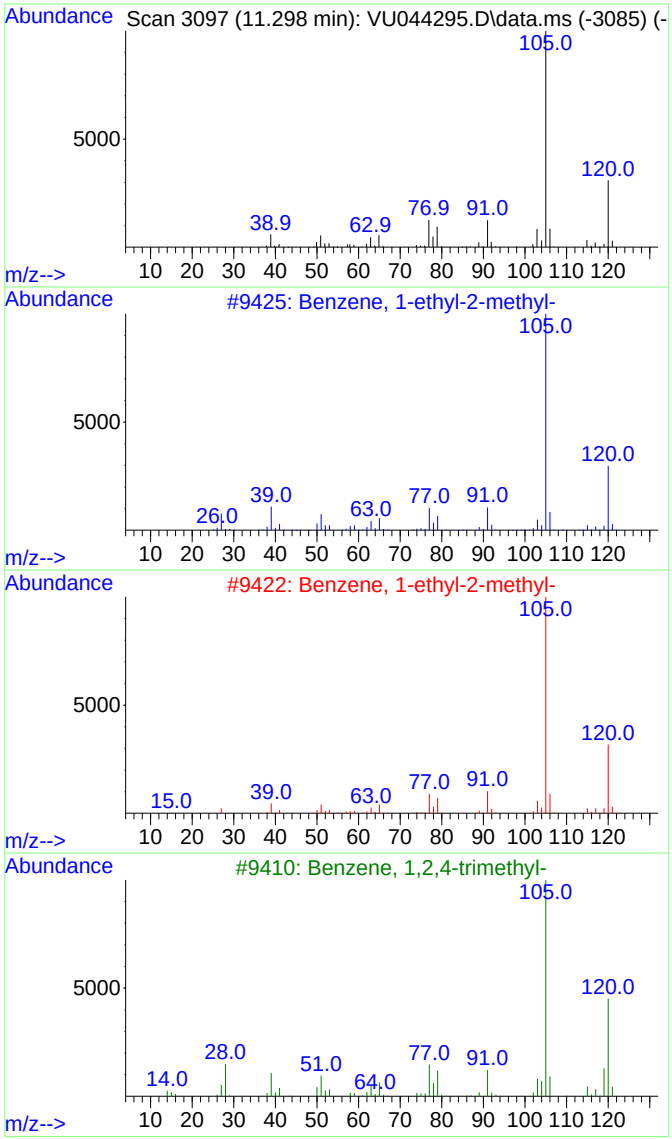
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

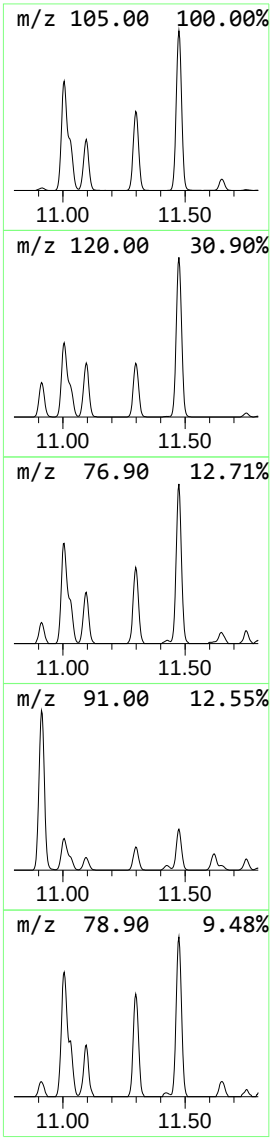
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.298	3.58 ug/L	322080	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
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





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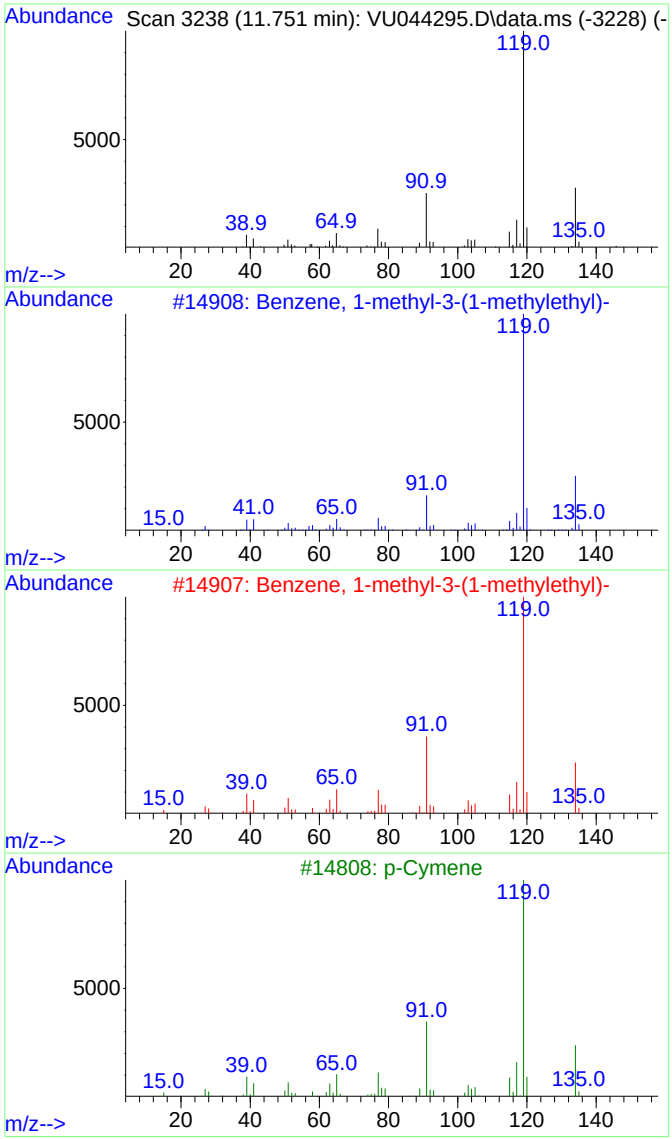
Quant Title : TRACE VOA SFAM1.0

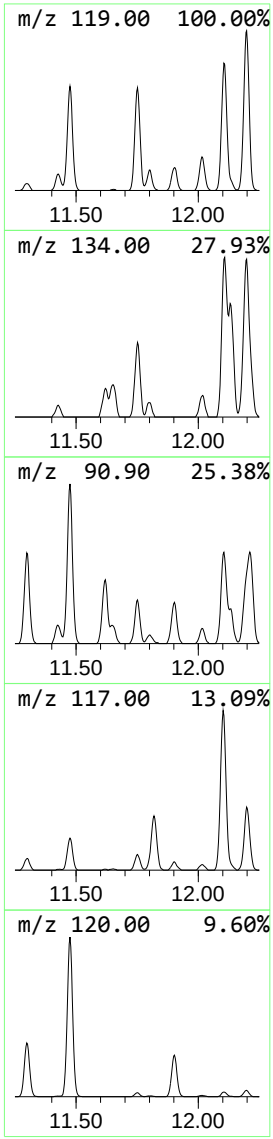
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-methyl-3-(1-meth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.751	0.89 ug/L	80331	1,4-Dichlorobenzene-d4	11.819

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





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Data File : VU044295.D
Acq On : 02 Jul 2021 11:17
Operator : SY/MD
Sample : M2905-18DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK26DL

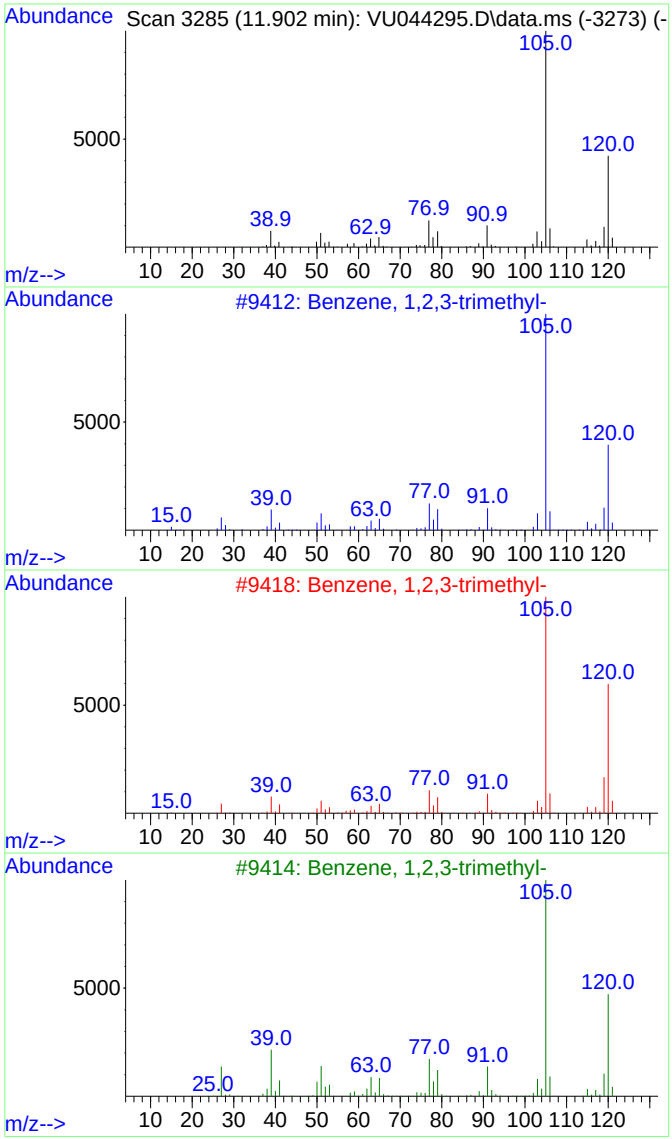
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

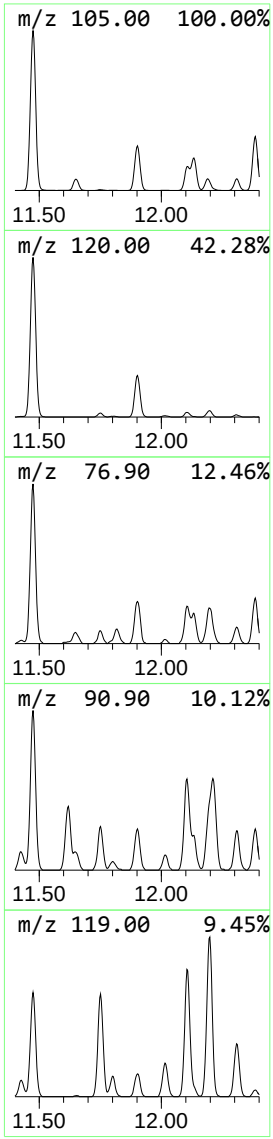
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.902	2.23 ug/L	201010	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
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\VU070221\
Data File : VU044295.D
Acq On : 02 Jul 2021 11:17
Operator : SY/MD
Sample : M2905-18DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK26DL

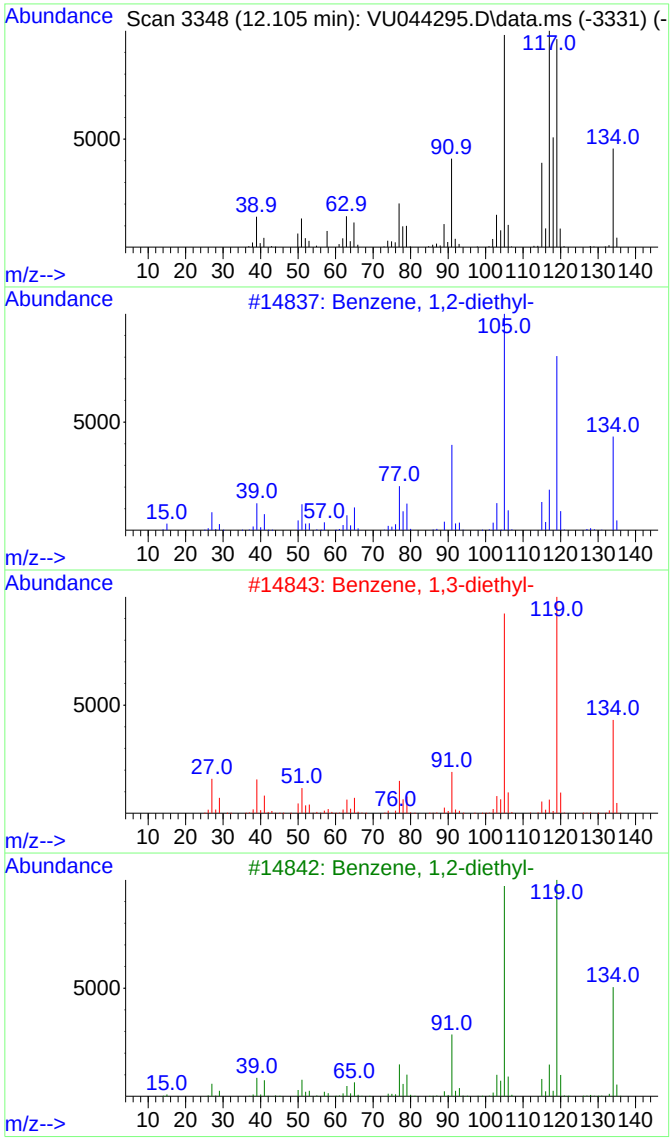
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

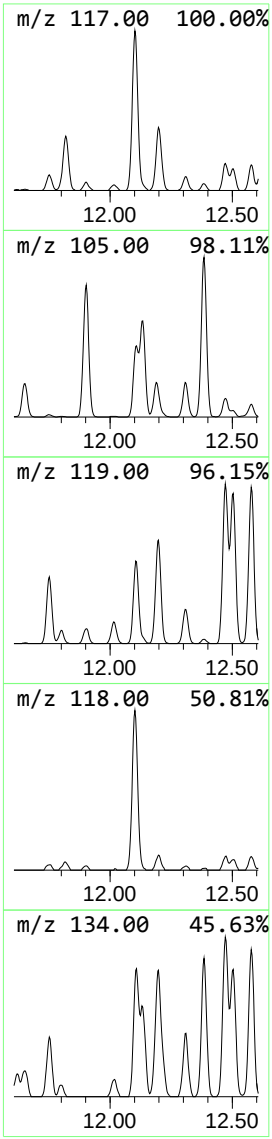
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1,2-diethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.105	3.36 ug/L	302304	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	87
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	50
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	50
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	50
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070221\
Data File : VU044295.D
Acq On : 02 Jul 2021 11:17
Operator : SY/MD
Sample : M2905-18DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK26DL

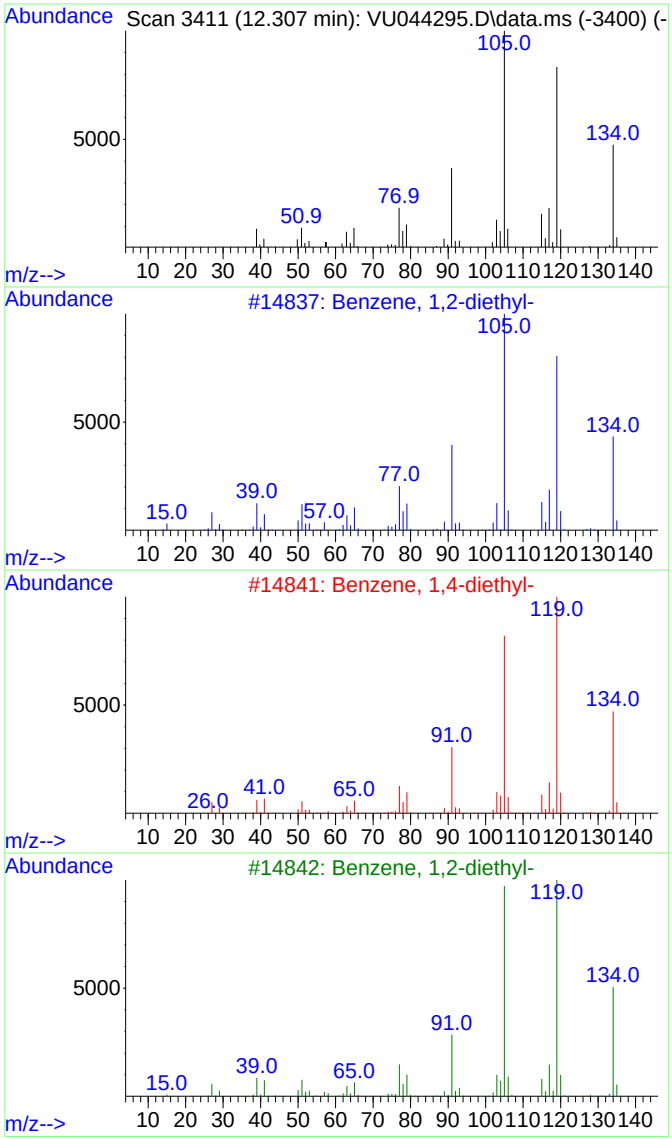
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

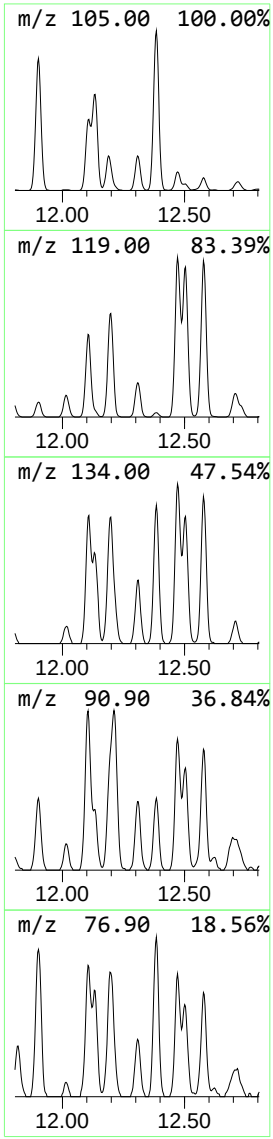
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,4-diethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.307	0.99 ug/L	88795	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	91
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070221\
Data File : VU044295.D
Acq On : 02 Jul 2021 11:17
Operator : SY/MD
Sample : M2905-18DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK26DL

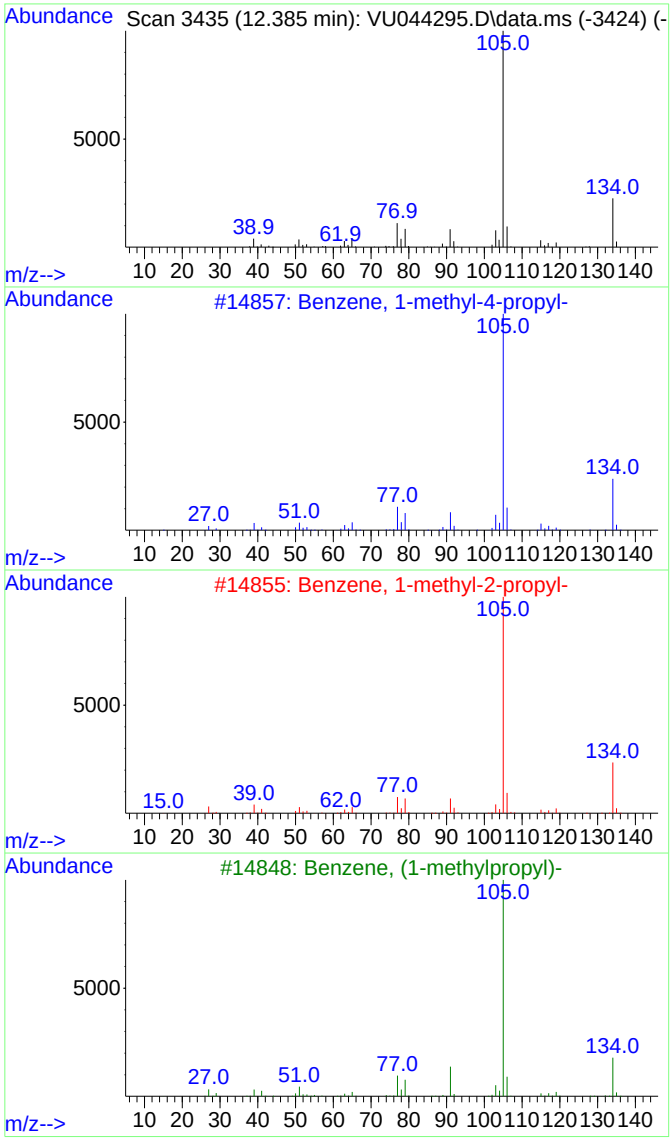
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

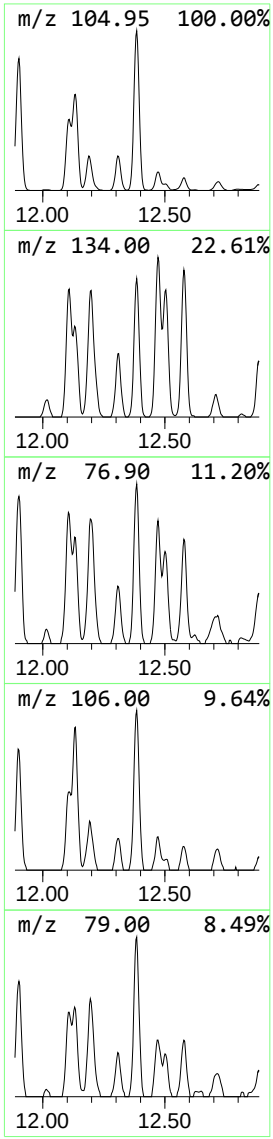
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-methyl-4-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.385	2.11 ug/L	190222	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	95
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	94
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070221\
Data File : VU044295.D
Acq On : 02 Jul 2021 11:17
Operator : SY/MD
Sample : M2905-18DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK26DL

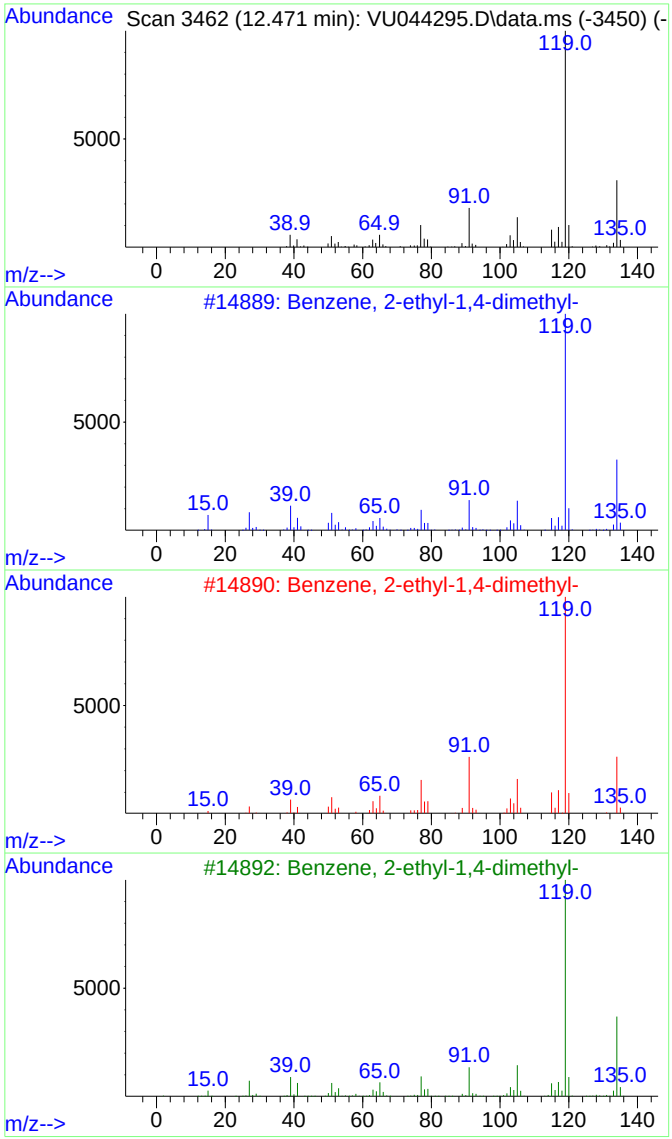
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

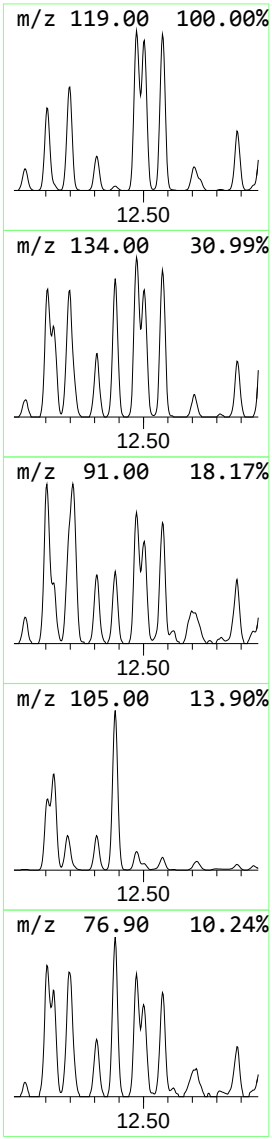
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.471	2.32 ug/L	208841	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	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\VU070221\
Data File : VU044295.D
Acq On : 02 Jul 2021 11:17
Operator : SY/MD
Sample : M2905-18DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK26DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

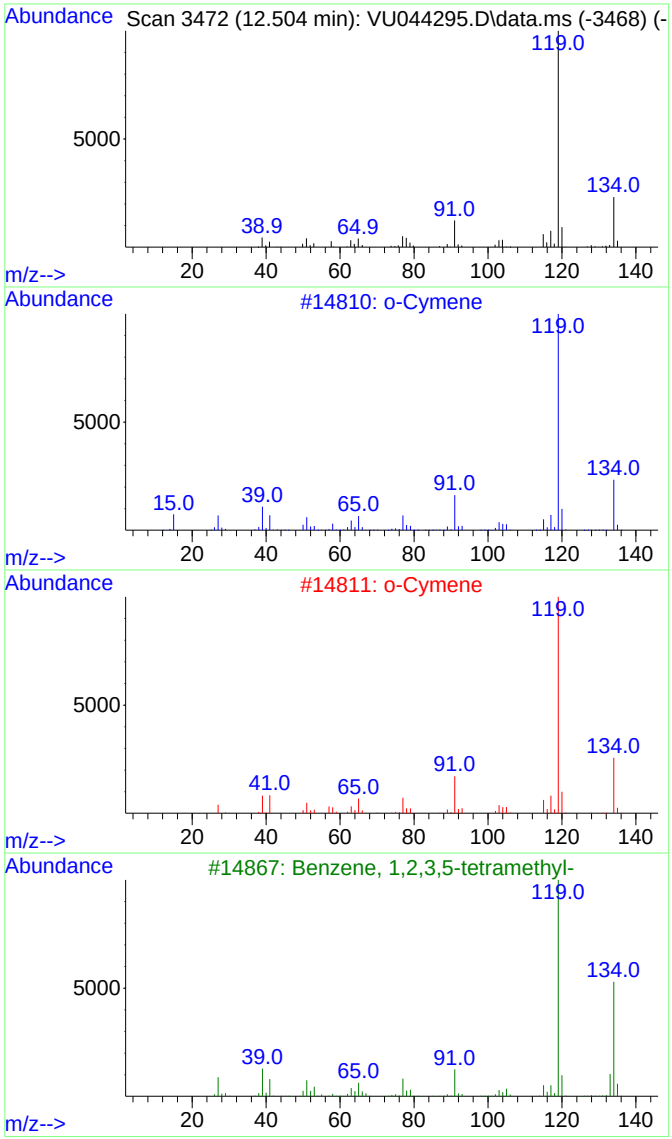
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

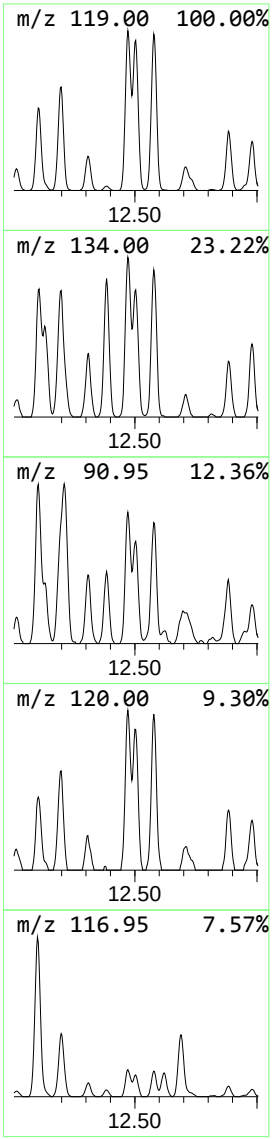
****

Peak Number 12 o-Cymene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.504	1.56 ug/L	140274	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070221\
Data File : VU044295.D
Acq On : 02 Jul 2021 11:17
Operator : SY/MD
Sample : M2905-18DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBK26DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

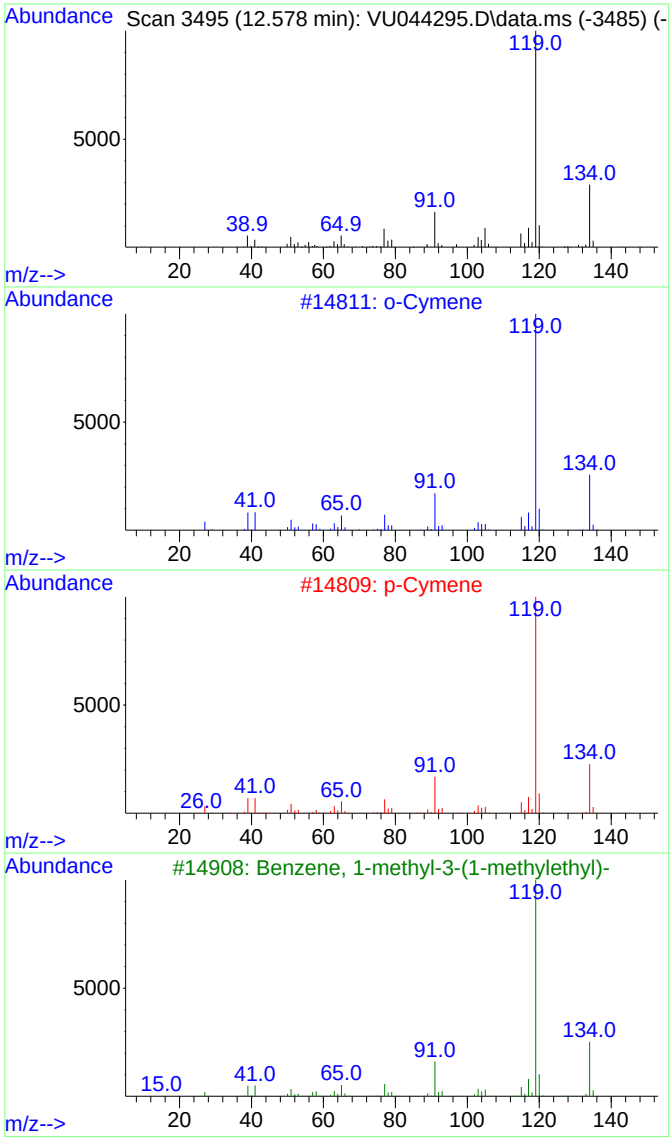
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

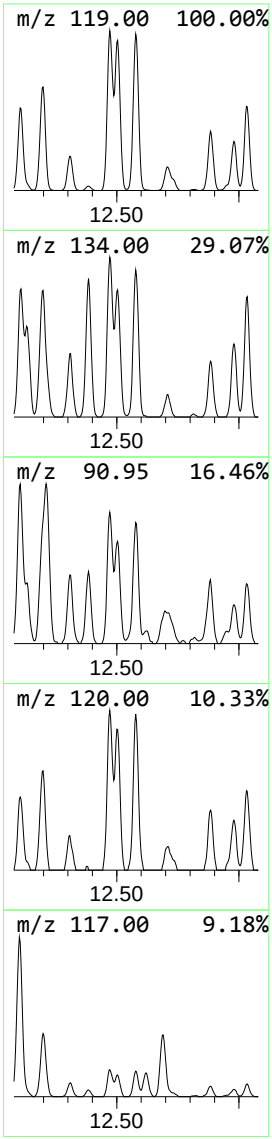
****

Peak Number 13 p-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.578	2.10 ug/L	189300	1,4-Dichlorobenzene-d4	11.819

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	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	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\VU070221\
Data File : VU044295.D
Acq On : 02 Jul 2021 11:17
Operator : SY/MD
Sample : M2905-18DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK26DL

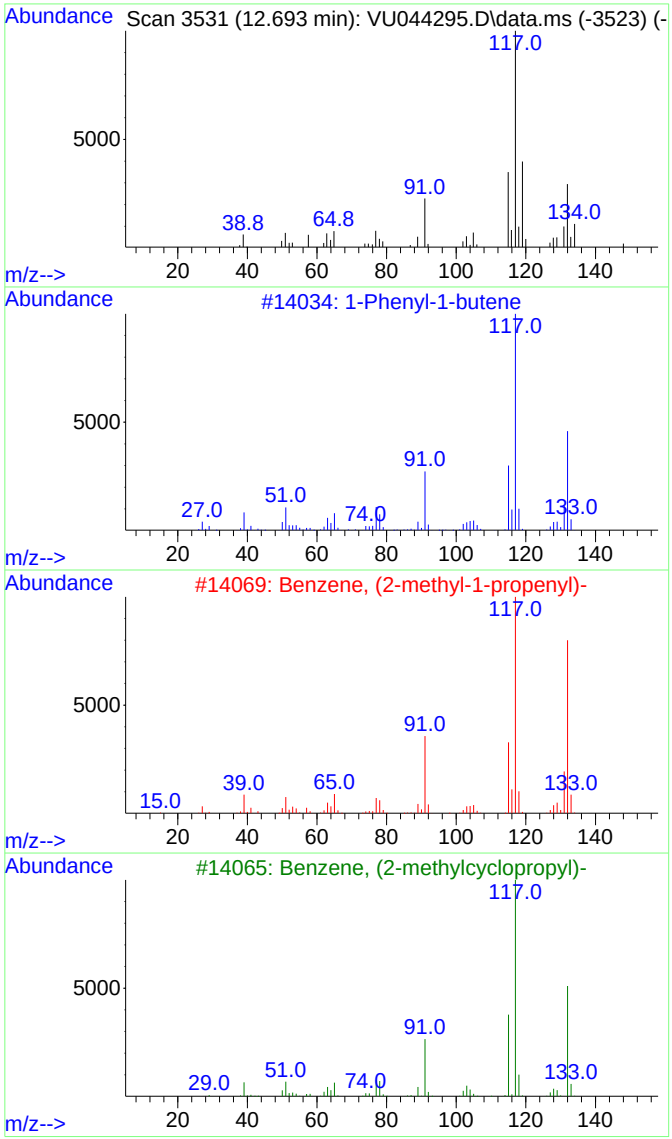
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

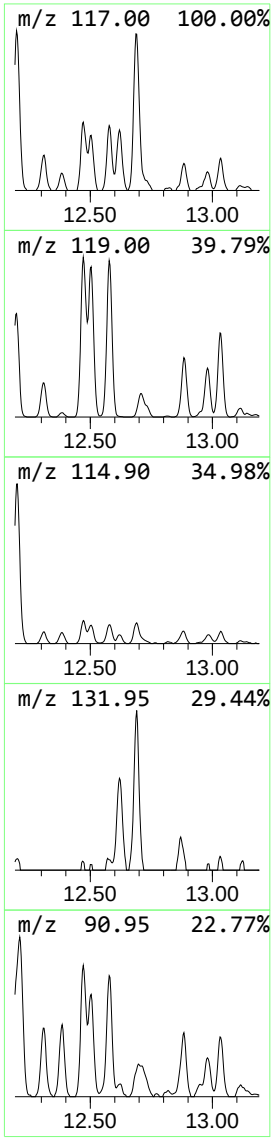
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1-Phenyl-1-butene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.693	0.51 ug/L	46100	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	70
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	68
3	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	64
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	62
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070221\
Data File : VU044295.D
Acq On : 02 Jul 2021 11:17
Operator : SY/MD
Sample : M2905-18DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK26DL

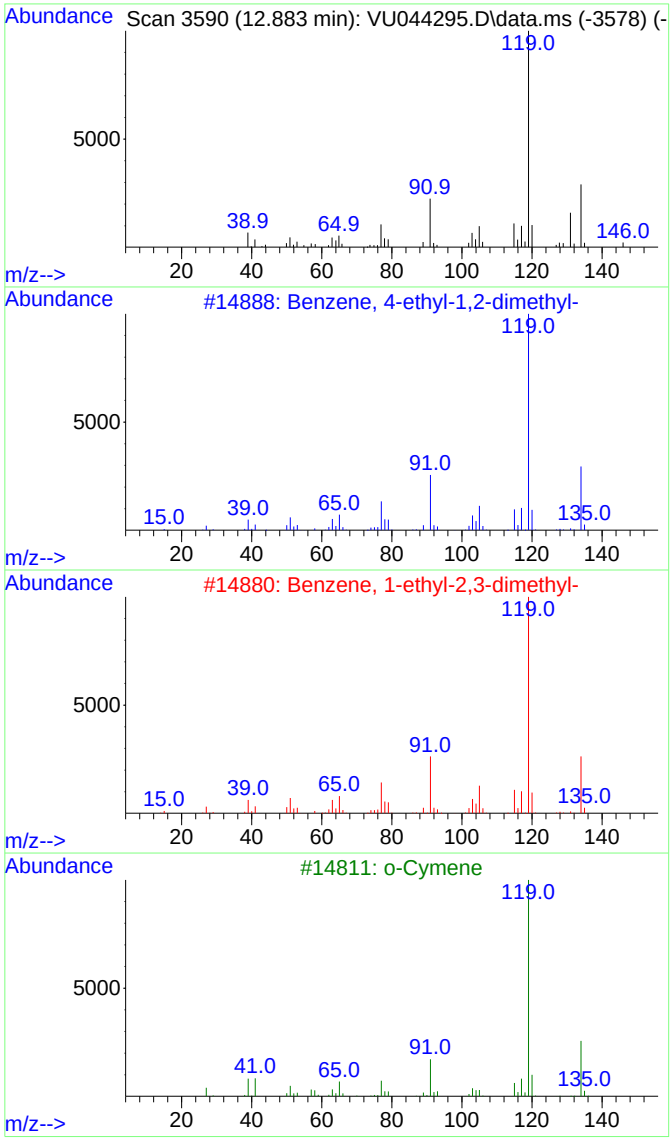
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

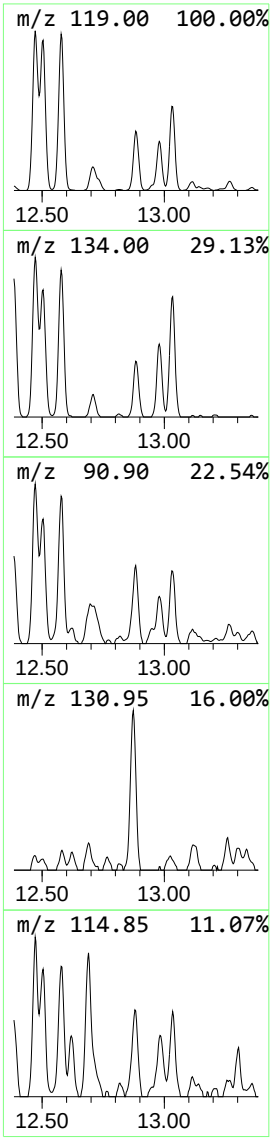
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.883	1.07 ug/L	95948	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3	o-Cymene	134	C10H14	000527-84-4	94
4	o-Cymene	134	C10H14	000527-84-4	93
5	p-Cymene	134	C10H14	000099-87-6	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070221\
Data File : VU044295.D
Acq On : 02 Jul 2021 11:17
Operator : SY/MD
Sample : M2905-18DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK26DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

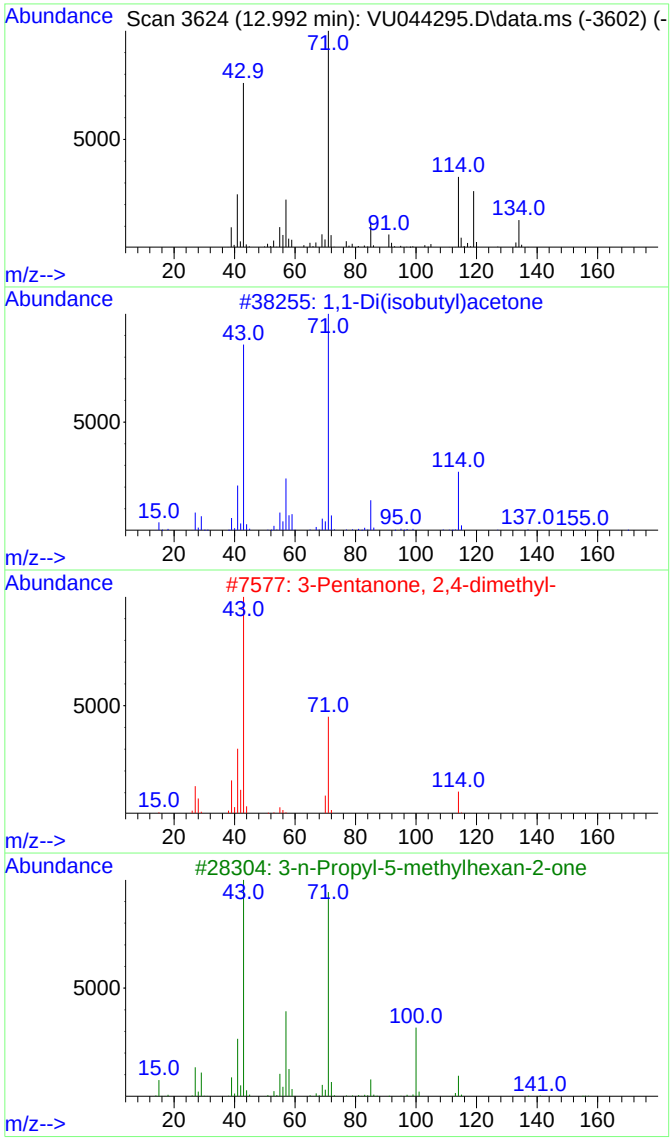
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

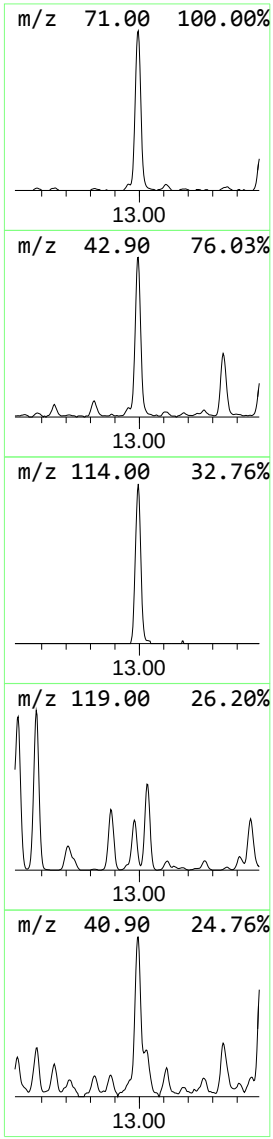
****

Peak Number 16 1,1-Di(isobutyl)acetone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.992	2.40 ug/L	216102	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Di(isobutyl)acetone	170	C11H22O	040264-43-5	59
2	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	53
3	3-n-Propyl-5-methylhexan-2-one	156	C10H20O	1000202-22-8	53
4	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	53
5	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070221\
Data File : VU044295.D
Acq On : 02 Jul 2021 11:17
Operator : SY/MD
Sample : M2905-18DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK26DL

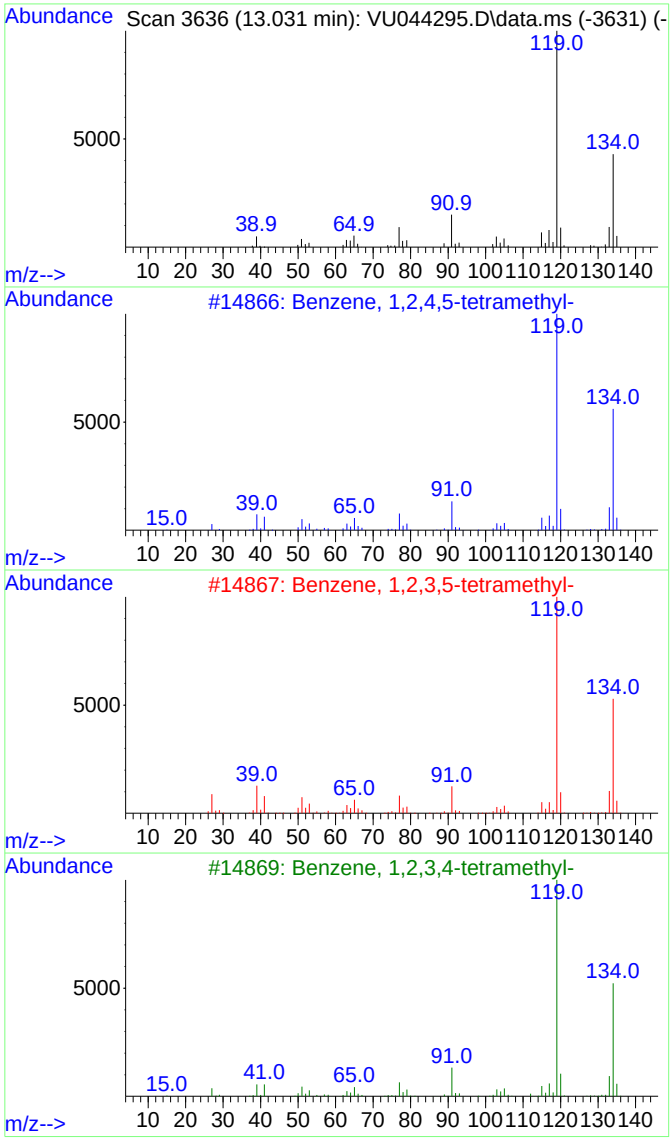
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

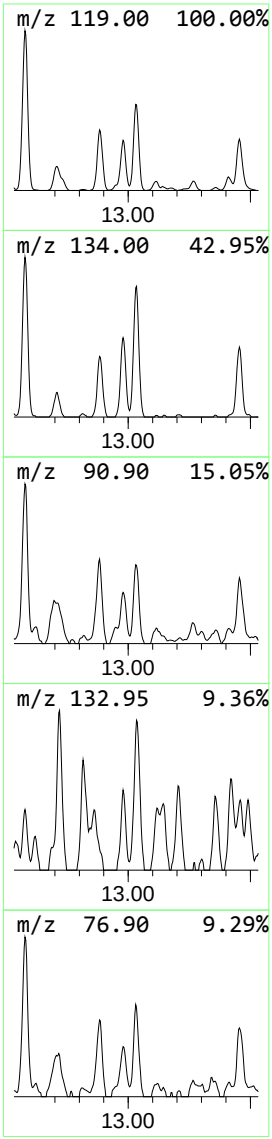
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.031	1.30 ug/L	117138	1,4-Dichlorobenzene-d4	11.819

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, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070221\
Data File : VU044295.D
Acq On : 02 Jul 2021 11:17
Operator : SY/MD
Sample : M2905-18DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK26DL

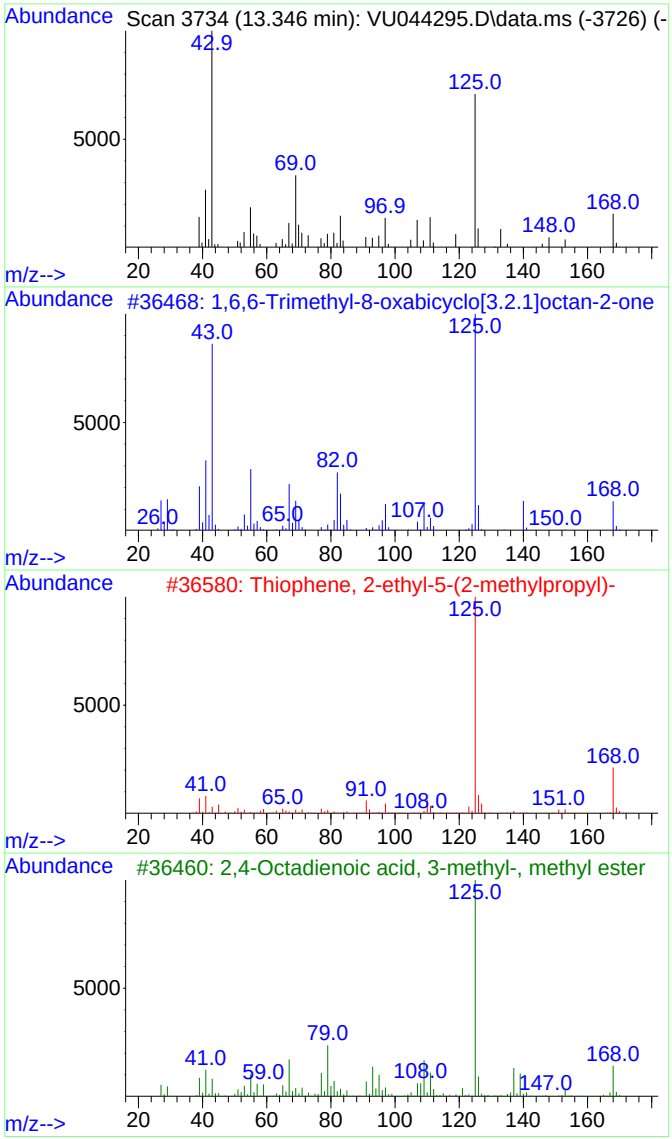
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

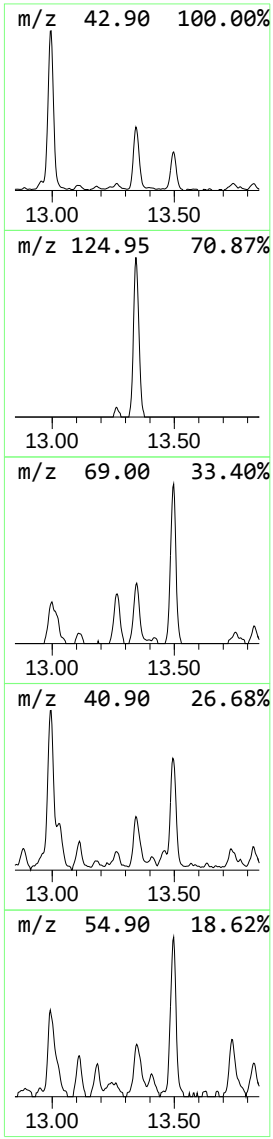
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1,6,6-Trimethyl-8-oxabicycl... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.346	0.66 ug/L	59386	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6,6-Trimethyl-8-oxabicyclo[3.2...	168	C10H16O2	1000185-44-5	50
2	Thiophene, 2-ethyl-5-(2-methylpr...	168	C10H16S	054411-05-1	50
3	2,4-Octadienoic acid, 3-methyl-,...	168	C10H16O2	091057-12-4	47
4	1,3-Cyclohexanediol, 2,5-dimethy...	231	C10H17NO5	114454-86-3	47
5	Thiophene, 2-butyl-5-ethyl-	168	C10H16S	054411-06-2	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070221\
Data File : VU044295.D
Acq On : 02 Jul 2021 11:17
Operator : SY/MD
Sample : M2905-18DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK26DL

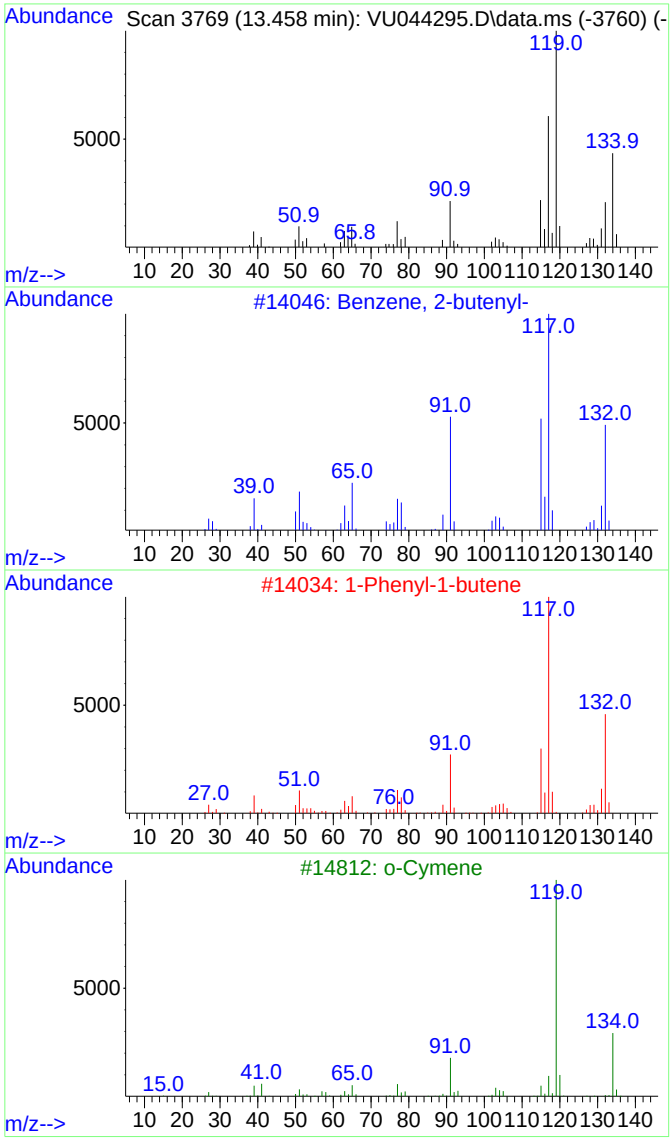
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

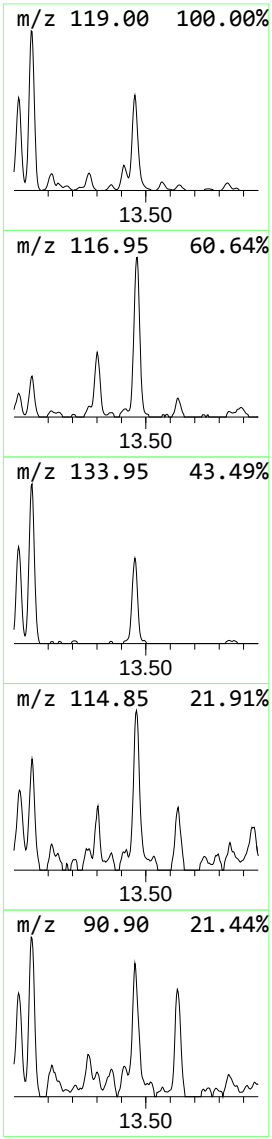
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 2-butenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.459	1.13 ug/L	101440	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	83
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	74
3	o-Cymene	134	C10H14	000527-84-4	64
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
5	o-Cymene	134	C10H14	000527-84-4	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070221\
Data File : VU044295.D
Acq On : 02 Jul 2021 11:17
Operator : SY/MD
Sample : M2905-18DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK26DL

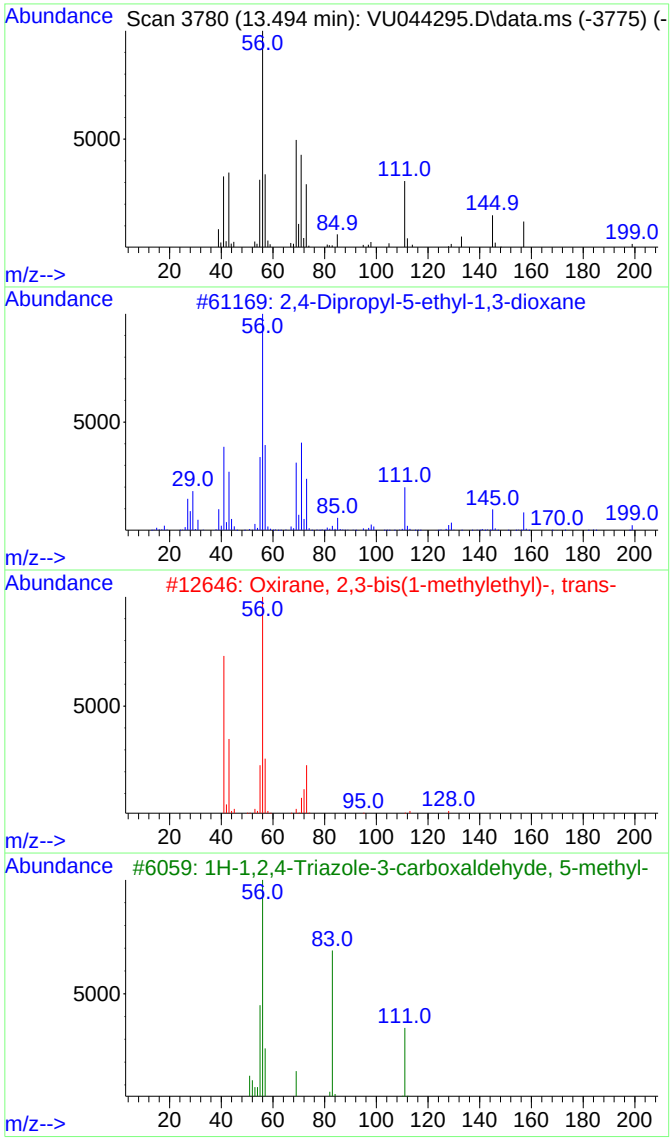
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

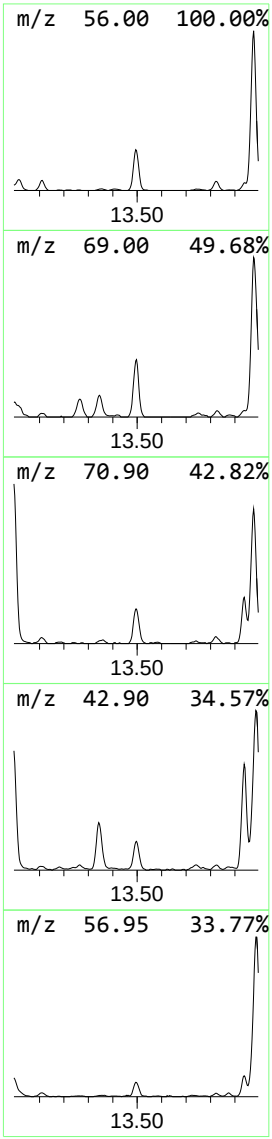
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 2,4-Dipropyl-5-ethyl-1,3-di... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.494	1.17 ug/L	105211	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	64
2	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	37
3	1H-1,2,4-Triazole-3-carboxaldehy...	111	C4H5N3O	056804-98-9	32
4	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	28
5	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	28





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070221\
Data File : VU044295.D
Acq On : 02 Jul 2021 11:17
Operator : SY/MD
Sample : M2905-18DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK26DL

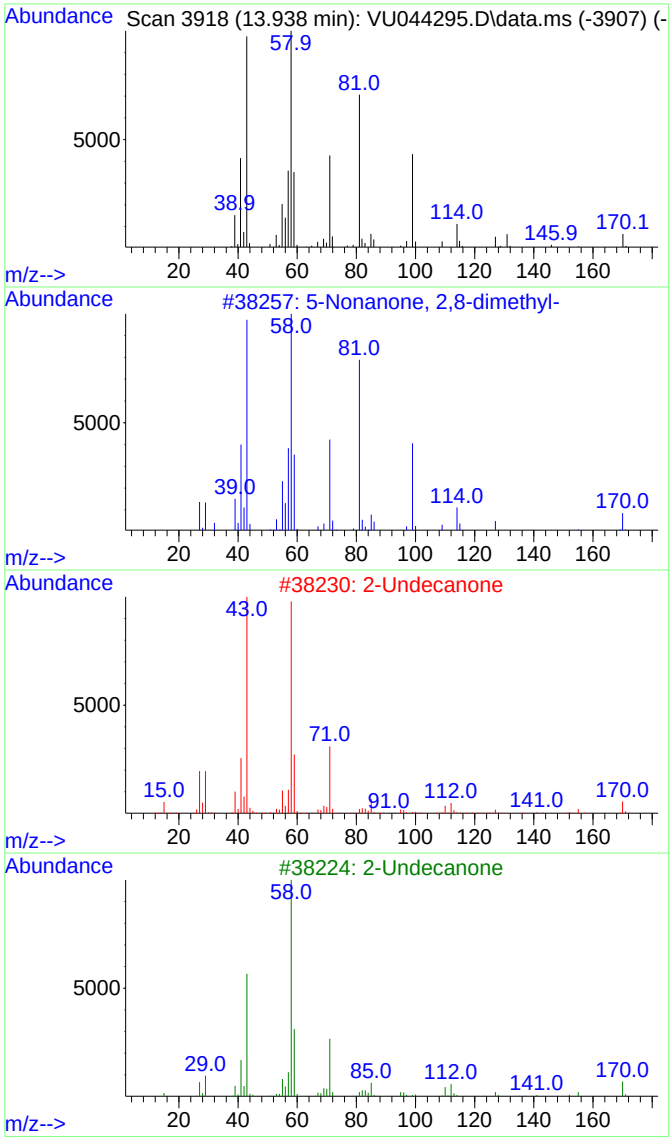
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

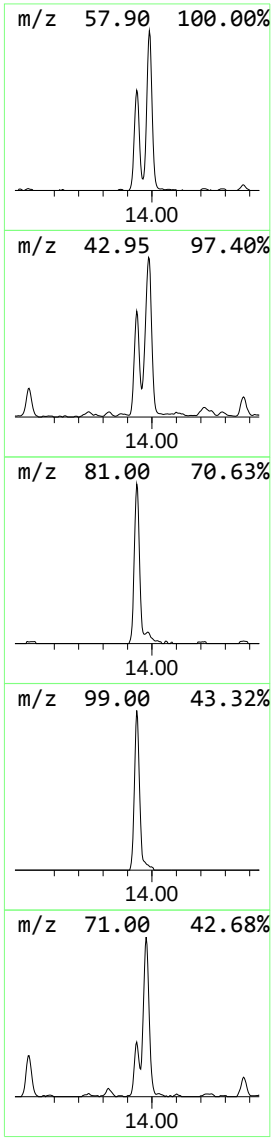
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 5-Nonanone, 2,8-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.938	1.67 ug/L	150803	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Nonanone, 2,8-dimethyl-	170	C11H22O	002050-99-9	96
2	2-Undecanone	170	C11H22O	000112-12-9	58
3	2-Undecanone	170	C11H22O	000112-12-9	53
4	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	50
5	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070221\
Data File : VU044295.D
Acq On : 02 Jul 2021 11:17
Operator : SY/MD
Sample : M2905-18DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK26DL

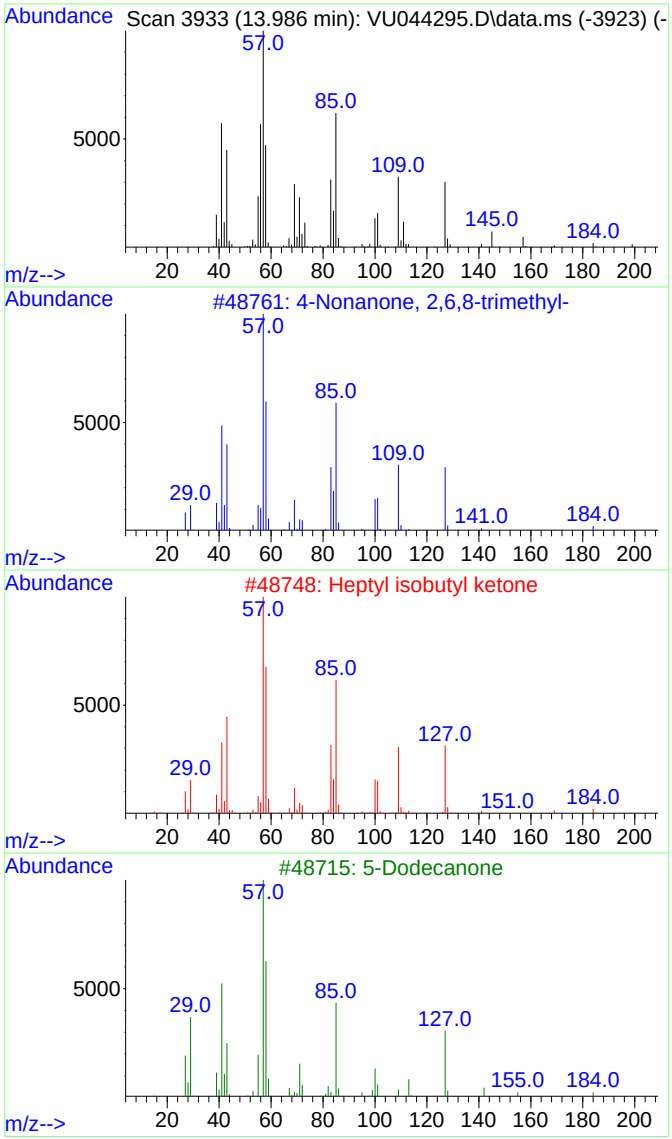
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

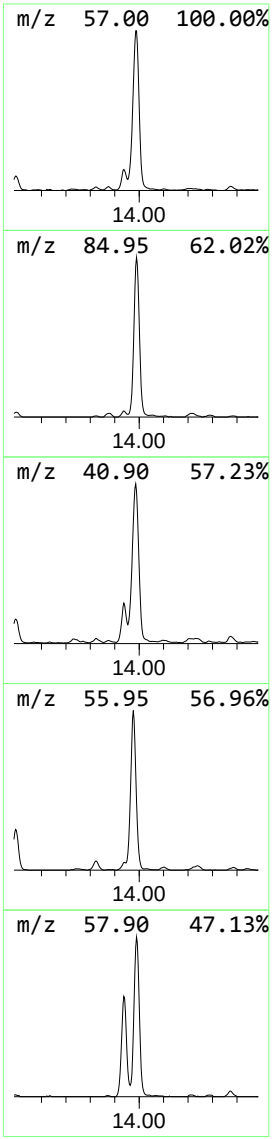
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 4-Nonanone, 2,6,8-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.986	7.37 ug/L	663426	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Nonanone, 2,6,8-trimethyl-	184	C12H24O	000123-18-2	93
2	Heptyl isobutyl ketone	184	C12H24O	019594-40-2	78
3	5-Dodecanone	184	C12H24O	019780-10-0	38
4	Hexyl isobutyl carbonate	202	C11H22O3	959067-98-2	35
5	Carbonic acid, isobutyl isohexyl...	202	C11H22O3	1000314-60-3	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070221\
Data File : VU044295.D
Acq On : 02 Jul 2021 11:17
Operator : SY/MD
Sample : M2905-18DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK26DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

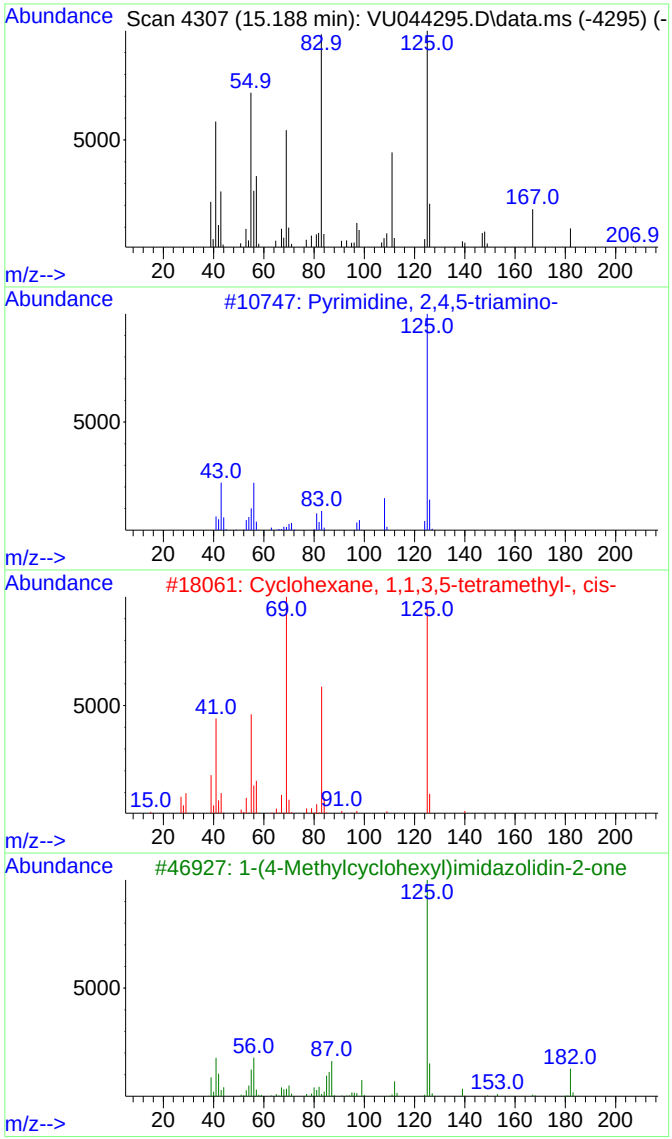
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

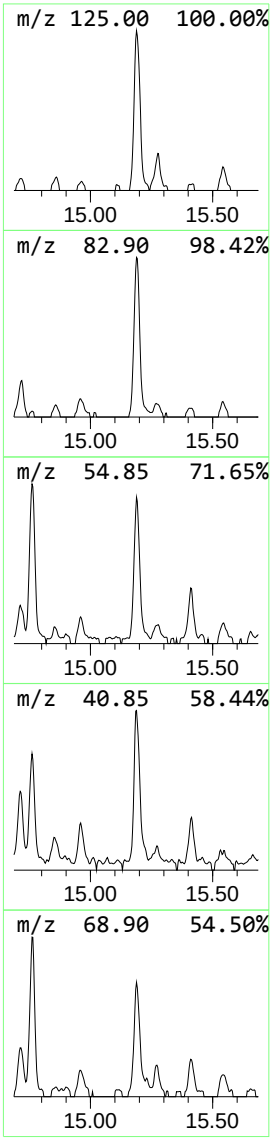
****

Peak Number 23 unknown-02 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.188	0.61 ug/L	55039	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrimidine, 2,4,5-triamino-	125	C4H7N5	003546-50-7	35
2	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	30
3	1-(4-Methylcyclohexyl)imidazolid...	182	C10H18N2O	1000103-58-2	27
4	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	25
5	1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070221\
Data File : VU044295.D
Acq On : 02 Jul 2021 11:17
Operator : SY/MD
Sample : M2905-18DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK26DL

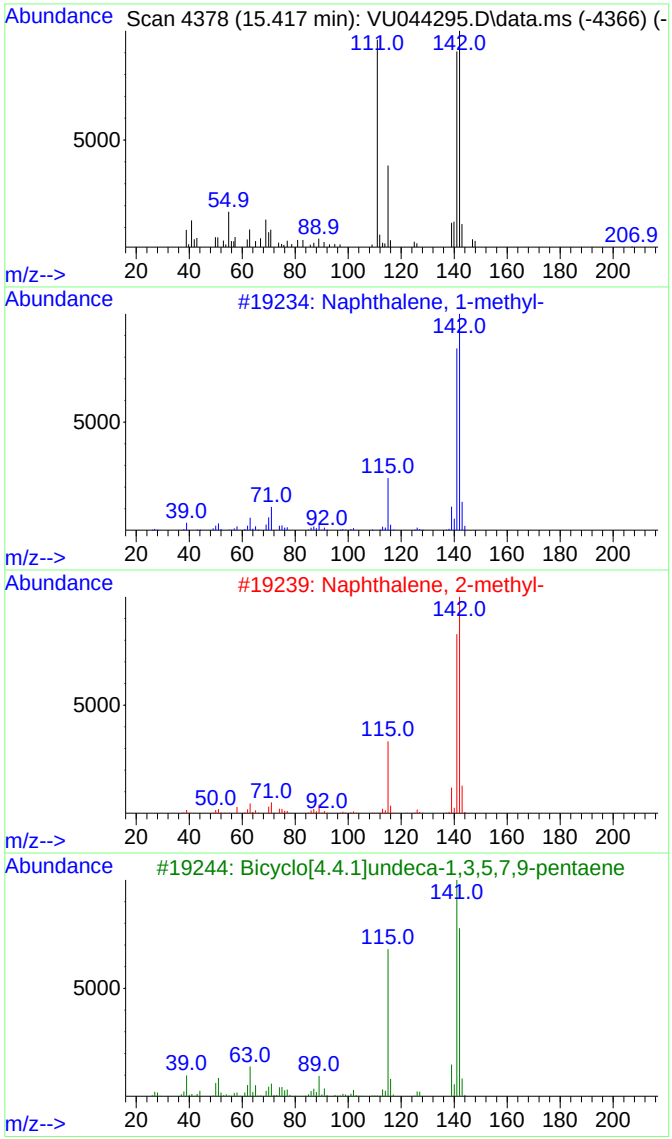
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

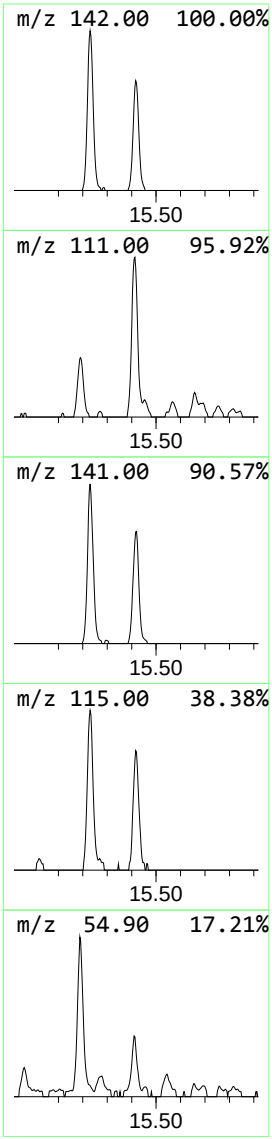
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Bicyclo[4.4.1]undeca-1,3,5,... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.417	0.55 ug/L	49087	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
3	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	92
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	92
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070221\
Data File : VU044295.D
Acq On : 02 Jul 2021 11:17
Operator : SY/MD
Sample : M2905-18DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBK26DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	1.475	0.8	ug/L	51478	1	6.256	312166	5.0
Benzene, propyl-	10.912	2.5	ug/L	222883	3	11.819	450196	5.0
Benzene, 1-ethy...	11.005	6.8	ug/L	611968	3	11.819	450196	5.0
Benzene, 1-ethy...	11.298	3.6	ug/L	322080	3	11.819	450196	5.0
Benzene, 1-meth...	11.751	0.9	ug/L	80331	3	11.819	450196	5.0
Benzene, 1,2,3-...	11.902	2.2	ug/L	201010	3	11.819	450196	5.0
Benzene, 1,2-di...	12.105	3.4	ug/L	302304	3	11.819	450196	5.0
Benzene, 1,4-di...	12.307	1.0	ug/L	88795	3	11.819	450196	5.0
Benzene, 1-meth...	12.385	2.1	ug/L	190222	3	11.819	450196	5.0
Benzene, 2-ethy...	12.471	2.3	ug/L	208841	3	11.819	450196	5.0
o-Cymene	12.504	1.6	ug/L	140274	3	11.819	450196	5.0
p-Cymene	12.578	2.1	ug/L	189300	3	11.819	450196	5.0
1-Phenyl-1-butene	12.693	0.5	ug/L	46100	3	11.819	450196	5.0
Benzene, 4-ethy...	12.883	1.1	ug/L	95948	3	11.819	450196	5.0
1,1-Di(isobutyl...	12.992	2.4	ug/L	216102	3	11.819	450196	5.0
Benzene, 1,2,4,...	13.031	1.3	ug/L	117138	3	11.819	450196	5.0
1,6,6-Trimethyl...	13.346	0.7	ug/L	59386	3	11.819	450196	5.0
Benzene, 2-bute...	13.459	1.1	ug/L	101440	3	11.819	450196	5.0
2,4-Dipropyl-5-...	13.494	1.2	ug/L	105211	3	11.819	450196	5.0
5-Nonanone, 2,8...	13.938	1.7	ug/L	150803	3	11.819	450196	5.0
4-Nonanone, 2,6...	13.986	7.4	ug/L	663426	3	11.819	450196	5.0
unknown-02	15.188	0.6	ug/L	55039	3	11.819	450196	5.0
Bicyclo[4.4.1]u...	15.417	0.6	ug/L	49087	3	11.819	450196	5.0