LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023822.D
Acq On : 07 Dec 2021 14:55
Operator : SY/MD
Sample : M4879-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G20

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_V\Method\SFAMVTR112321WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV023822.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.108	14	21	42	rVB	1785669	1601850	65.89%	7.895%
2	1.214	46	54	70	rVB	31097	33472	1.38%	0.165%
3	1.307	74	83	95	rBV	101918	104286	4.29%	0.514%
4	1.568	156	164	175	rVV	68919	76707	3.16%	0.378%
5	1.635	175	185	200	rVB	37665	50023	2.06%	0.247%
6	1.806	230	238	250	rVB	29773	39137	1.61%	0.193%
7	2.108	319	332	349	rBV	140403	216448	8.90%	1.067%
8	2.532	444	464	474	rBV	52633	123058	5.06%	0.606%
9	2.577	474	478	496	rVB3	14010	26966	1.11%	0.133%
10	2.764	516	536	550	rBV2	65952	137459	5.65%	0.677%
11	3.044	608	623	639	rVV	49622	100002	4.11%	0.493%
12	3.764	831	847	865	rBV2	62936	158444	6.52%	0.781%
13	3.912	877	893	937	rBV2	275165	758616	31.20%	3.739%
14	4.349	1015	1029	1046	rBV2	90772	236359	9.72%	1.165%
15	4.677	1114	1131	1146	rBV5	84792	216887	8.92%	1.069%
16	4.764	1146	1158	1181	rVB6	23386	75215	3.09%	0.371%
17	4.908	1189	1203	1231	rVB7	34621	95960	3.95%	0.473%
18	5.047	1231	1246	1255	rBV3	204156	495820	20.39%	2.444%
19	5.101	1256	1263	1279	rVB	189203	396093	16.29%	1.952%
20	5.317	1319	1330	1345	rVB6	26699	60460	2.49%	0.298%
21	5.494	1373	1385	1396	rBV3	23846	48103	1.98%	0.237%
22	5.616	1412	1423	1452	rBV	172063	390397	16.06%	1.924%
23	5.915	1502	1516	1540	rBV	310435	624622	25.69%	3.078%
24	6.069	1553	1564	1574	rBV	105082	217990	8.97%	1.074%
25	6.130	1575	1583	1598	rVB3	77274	165173	6.79%	0.814%
26	6.365	1645	1656	1672	rBV5	12529	27255	1.12%	0.134%
27	6.571	1698	1720	1732	rBV8	17842	54677	2.25%	0.269%
28	6.805	1765	1793	1800	rBV6	17737	59610	2.45%	0.294%
29	6.989	1842	1850	1862	rVB	57856	101054	4.16%	0.498%
30	7.166	1894	1905	1921	rVB9	15808	43808	1.80%	0.216%
31	7.262	1922	1935	1941	rBV5	22577	43865	1.80%	0.216%
32	7.317	1942	1952	1966	rVB	258656	447348	18.40%	2.205%
33	7.391	1966	1975	1986	rBV	55910	88423	3.64%	0.436%
34	7.625	2040	2048	2068	rVB	36738	84547	3.48%	0.417%
35	7.844	2107	2116	2125	rBV	15396	26395	1.09%	0.130%
36	7.976	2141	2157	2180	rBV	1460500	2431232	100.00%	11.982%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023822.D
Acq On : 07 Dec 2021 14:55
Operator : SY/MD
Sample : M4879-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G20

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_V\Method\SFAMVTR112321WMA.M
Title : TRACE VOA SFAM1.0

37	8.088	2182	2192	2214	rBV	240205	452921	18.63%	2.232%
38	8.854	2419	2430	2447	rBV	250585	417753	17.18%	2.059%
39	9.011	2468	2479	2493	rBV	156502	247894	10.20%	1.222%
40	9.136	2508	2518	2532	rVB	308633	499523	20.55%	2.462%
41	9.545	2635	2645	2670	rVB2	43246	88466	3.64%	0.436%
42	9.712	2678	2697	2703	rBV2	8557	24373	1.00%	0.120%
43	9.931	2755	2765	2781	rBV	38650	66702	2.74%	0.329%
44	10.217	2842	2854	2873	rVB	87464	149073	6.13%	0.735%
45	10.352	2884	2896	2915	rBV	96694	163812	6.74%	0.807%
46	10.445	2915	2925	2944	rBV	433774	936643	38.53%	4.616%
47	10.538	2944	2954	2965	rBV	258533	371920	15.30%	1.833%
48	10.738	3004	3016	3039	rVB	235585	384230	15.80%	1.894%
49	10.911	3059	3070	3089	rVB	1115136	1649391	67.84%	8.129%
50	11.091	3120	3126	3136	rVB3	13938	24980	1.03%	0.123%
51	11.249	3165	3175	3191	rVV	306910	475203	19.55%	2.342%
52	11.333	3192	3201	3220	rVB	247101	373775	15.37%	1.842%
53	11.529	3251	3262	3271	rBV3	149809	307493	12.65%	1.515%
54	11.574	3271	3276	3283	rVV	91092	134145	5.52%	0.661%
55	11.625	3283	3292	3308	rVB4	358821	727340	29.92%	3.585%
56	11.747	3320	3330	3337	rBV3	19370	32757	1.35%	0.161%
57	11.818	3345	3352	3366	rVB2	34178	55865	2.30%	0.275%
58	11.911	3371	3381	3385	rBV	98108	141409	5.82%	0.697%
59	11.940	3386	3390	3399	rVB	87063	110167	4.53%	0.543%
60	12.014	3399	3413	3421	rBV	178303	285377	11.74%	1.406%
61	12.114	3434	3444	3466	rVB	167173	293117	12.06%	1.445%
62	12.252	3476	3487	3496	rBV	11889	27552	1.13%	0.136%
63	12.313	3496	3506	3515	rBV2	37714	62816	2.58%	0.310%
64	12.413	3527	3537	3545	rBV	106923	156315	6.43%	0.770%
65	12.464	3545	3553	3571	rVB	157854	238430	9.81%	1.175%
66	12.551	3571	3580	3585	rBV2	31232	44490	1.83%	0.219%
67	12.615	3596	3600	3611	rVB2	22674	28681	1.18%	0.141%
68	12.725	3626	3634	3649	rVB	120681	185181	7.62%	0.913%
69	12.796	3649	3656	3664	rVB4	19035	25768	1.06%	0.127%
70	12.882	3664	3683	3694	rBV2	243850	445557	18.33%	2.196%
71	12.998	3712	3719	3726	rBV	24308	33308	1.37%	0.164%
72	13.050	3727	3735	3746	rVB6	27769	49372	2.03%	0.243%
73	13.165	3761	3771	3778	rBV2	28435	46385	1.91%	0.229%
74	13.217	3778	3787	3795	rVB	53685	81145	3.34%	0.400%
75	13.268	3795	3803	3810	rBV3	63753	99730	4.10%	0.492%
76	13.368	3828	3834	3840	rVB	37819	44456	1.83%	0.219%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023822.D
Acq On : 07 Dec 2021 14:55
Operator : SY/MD
Sample : M4879-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G20

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_V\Method\SFAMVTR112321WMA.M
Title : TRACE VOA SFAM1.0

77	13.400	3841	3844	3856	rVB	22135	28109	1.16%	0.139%
78	13.503	3869	3876	3884	rVB	52298	77173	3.17%	0.380%
79	13.712	3931	3941	3950	rBV5	24032	47070	1.94%	0.232%
80	13.767	3950	3958	3969	rVB5	19768	36351	1.50%	0.179%
81	13.908	3993	4002	4017	rVB2	29339	48311	1.99%	0.238%
82	14.095	4049	4060	4073	rBV3	27714	59400	2.44%	0.293%
83	14.294	4115	4122	4135	rVB4	16439	31607	1.30%	0.156%
84	14.631	4216	4227	4256	rVB	39584	79839	3.28%	0.393%
85	14.818	4273	4285	4297	rBV2	24740	41128	1.69%	0.203%

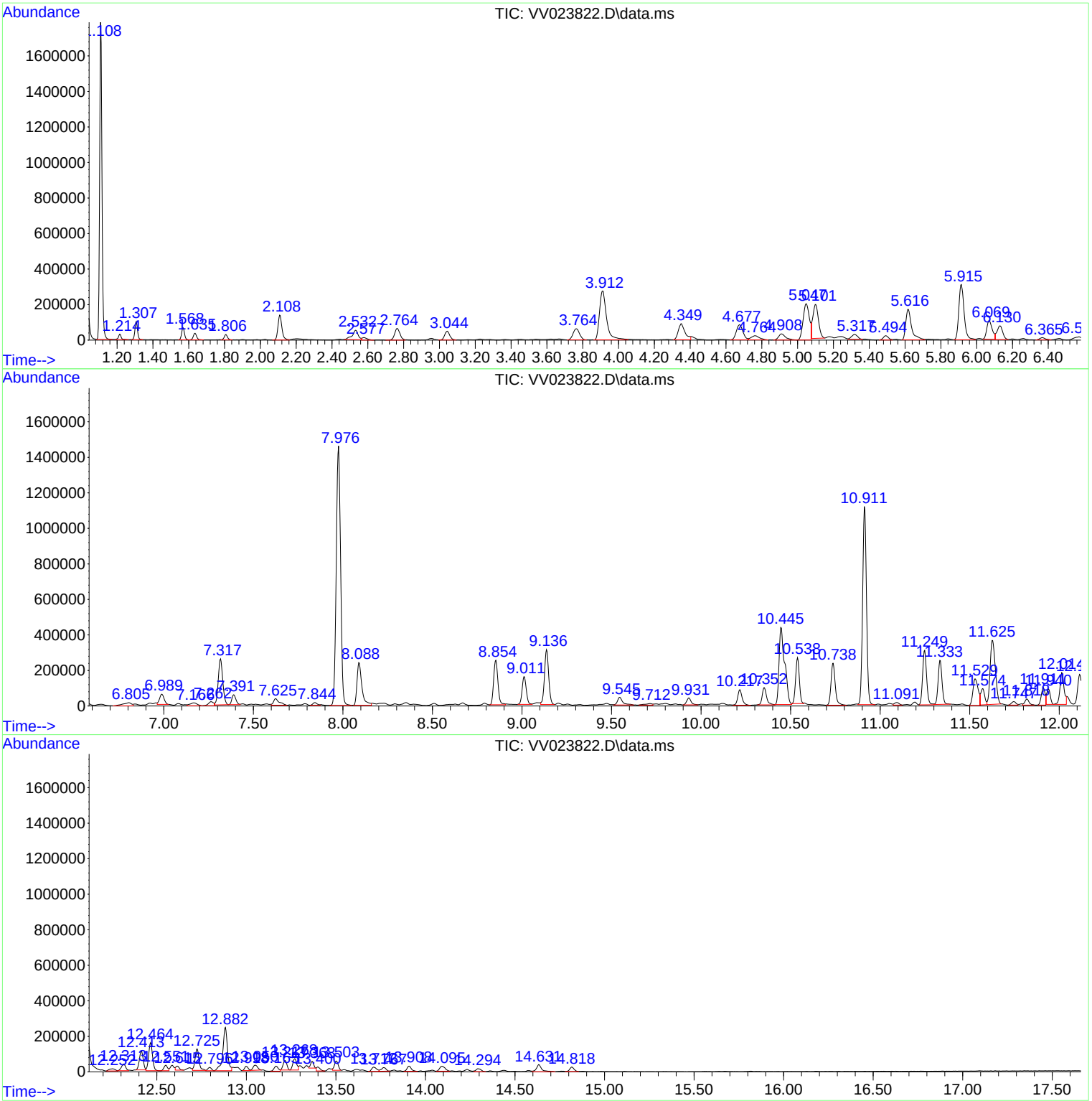
Sum of corrected areas: 20290264

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023822.D
Acq On : 07 Dec 2021 14:55
Operator : SY/MD
Sample : M4879-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G20

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023822.D
Acq On : 07 Dec 2021 14:55
Operator : SY/MD
Sample : M4879-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G20

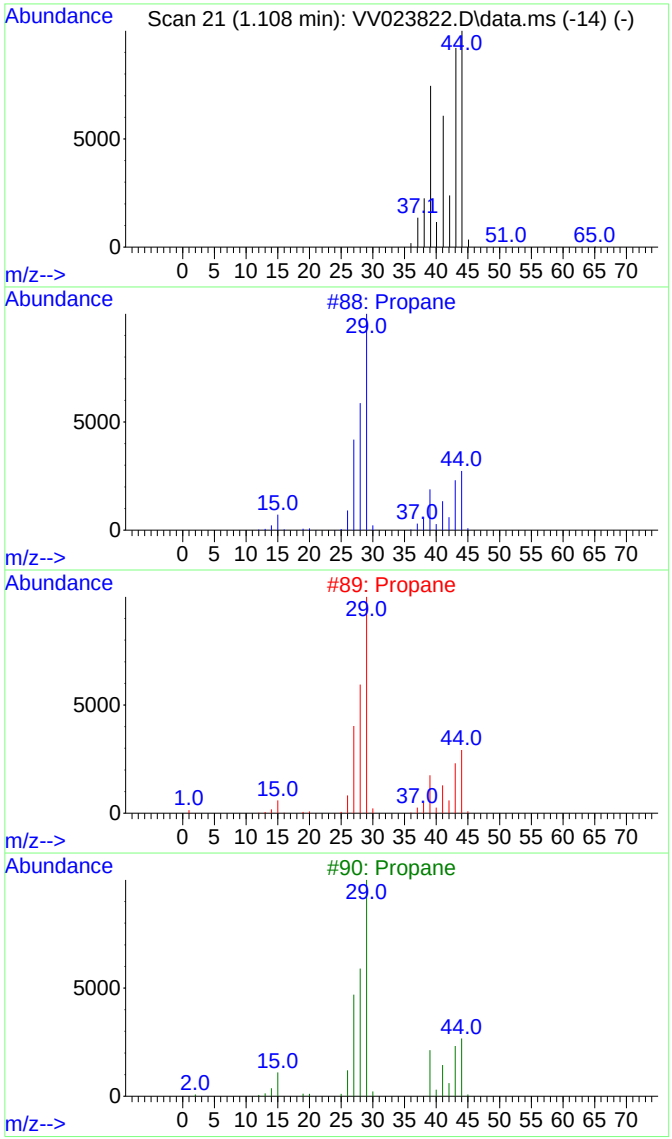
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

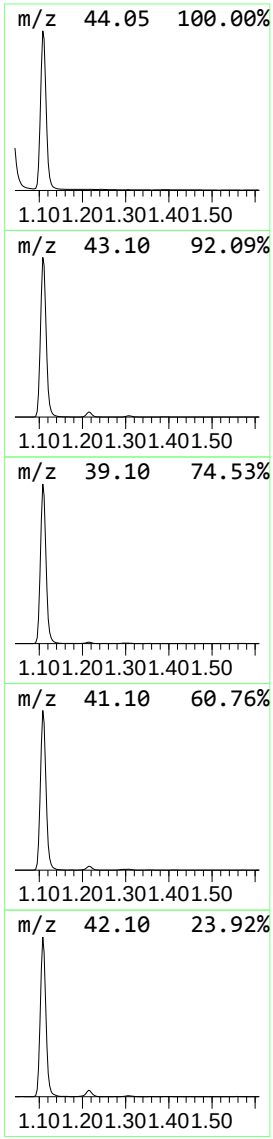
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.108	20.52 ug/L	1601850	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane	44	C3H8	000074-98-6	90
2	Propane	44	C3H8	000074-98-6	83
3	Propane	44	C3H8	000074-98-6	9
4	Propene	42	C3H6	000115-07-1	9
5	Ethylene oxide	44	C2H4O	000075-21-8	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023822.D
Acq On : 07 Dec 2021 14:55
Operator : SY/MD
Sample : M4879-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G20

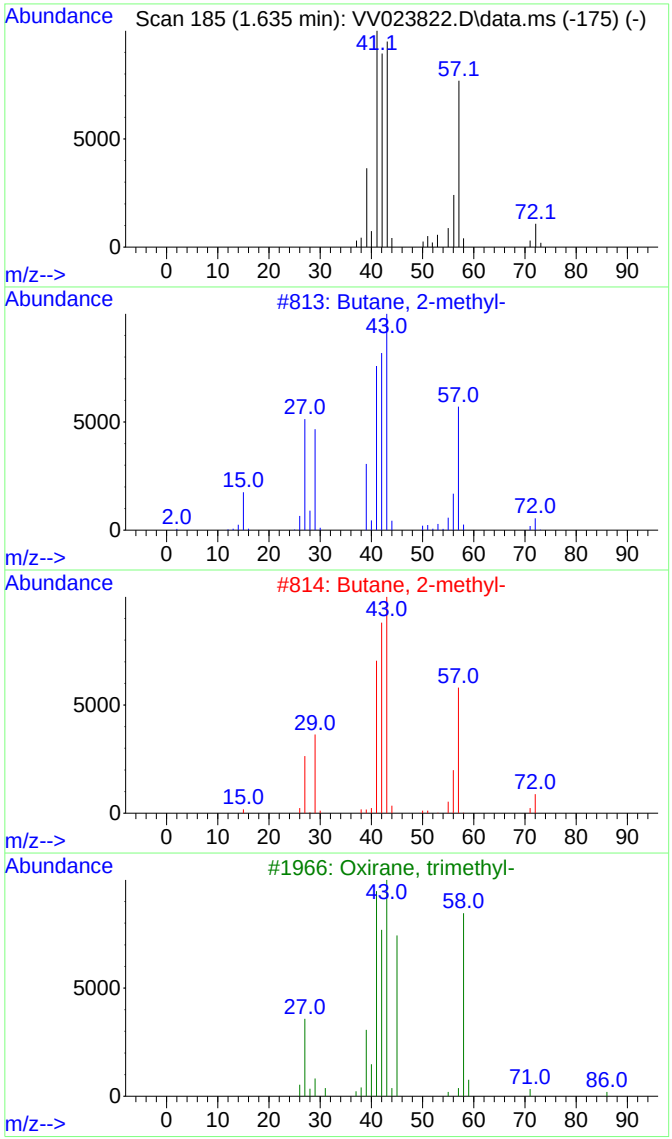
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

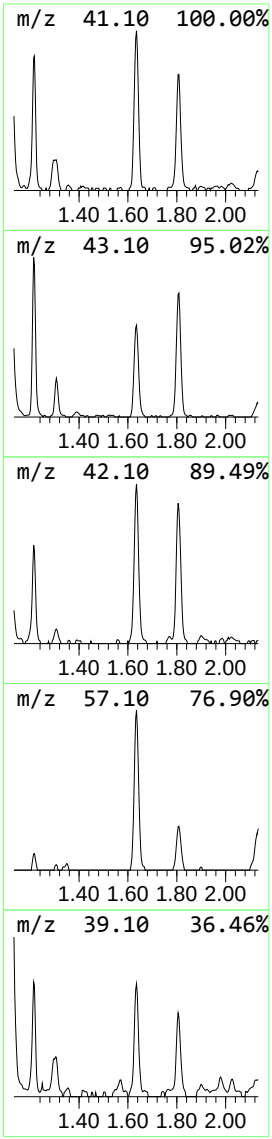
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.635	0.64 ug/L	50023	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	86
2	Butane, 2-methyl-	72	C5H12	000078-78-4	86
3	Oxirane, trimethyl-	86	C5H10O	005076-19-7	40
4	1,3-Dimethyldiaziridine	72	C3H8N2	026177-36-6	36
5	Pentane	72	C5H12	000109-66-0	33





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023822.D
Acq On : 07 Dec 2021 14:55
Operator : SY/MD
Sample : M4879-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G20

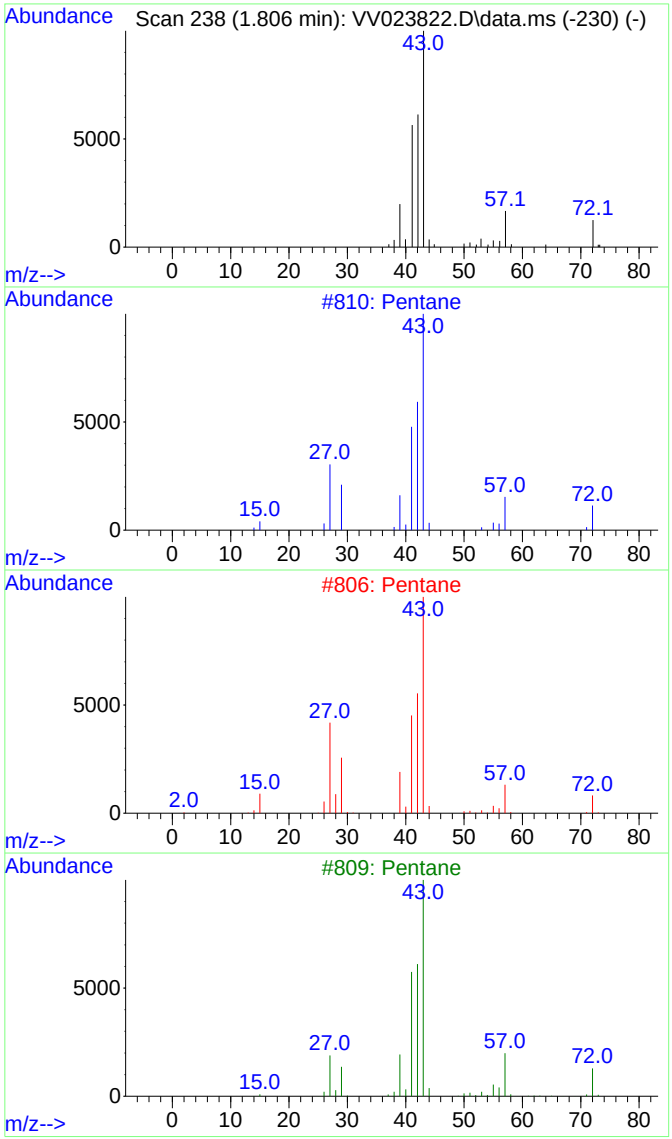
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

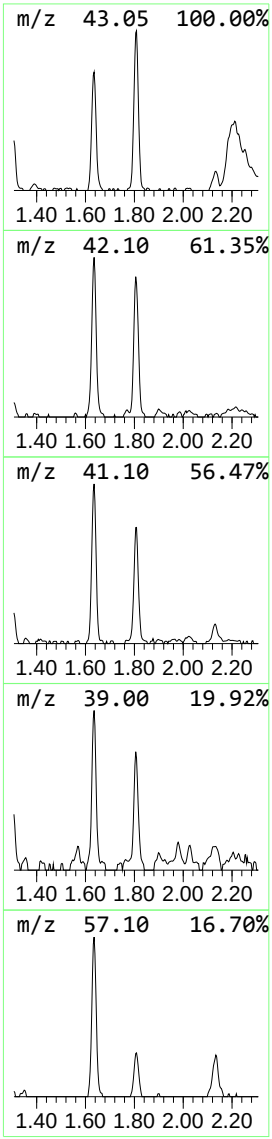
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.806	0.50 ug/L	39137	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	86
2	Pentane	72	C5H12	000109-66-0	86
3	Pentane	72	C5H12	000109-66-0	80
4	Pentane	72	C5H12	000109-66-0	72
5	Pentane	72	C5H12	000109-66-0	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023822.D
Acq On : 07 Dec 2021 14:55
Operator : SY/MD
Sample : M4879-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G20

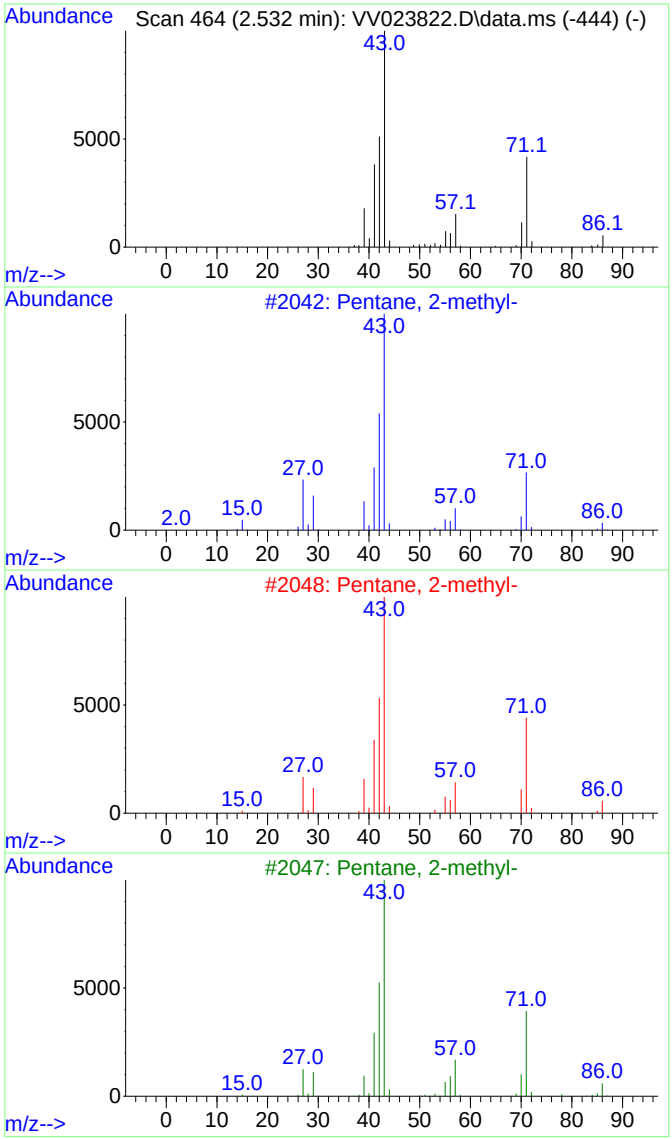
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

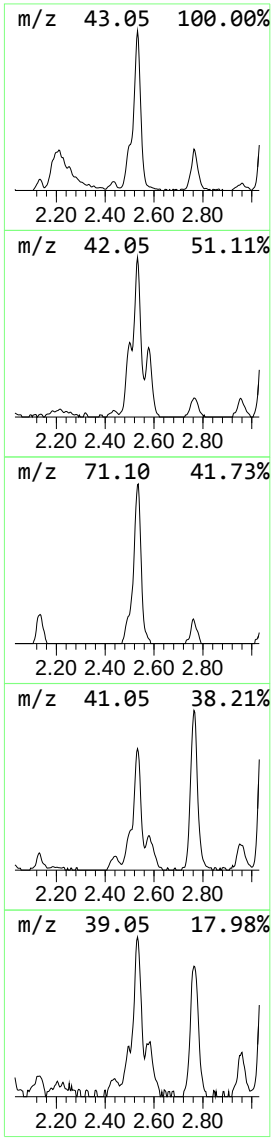
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.532	1.58 ug/L	123058	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	90
5	Pentane, 2-methyl-	86	C6H14	000107-83-5	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023822.D
Acq On : 07 Dec 2021 14:55
Operator : SY/MD
Sample : M4879-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G20

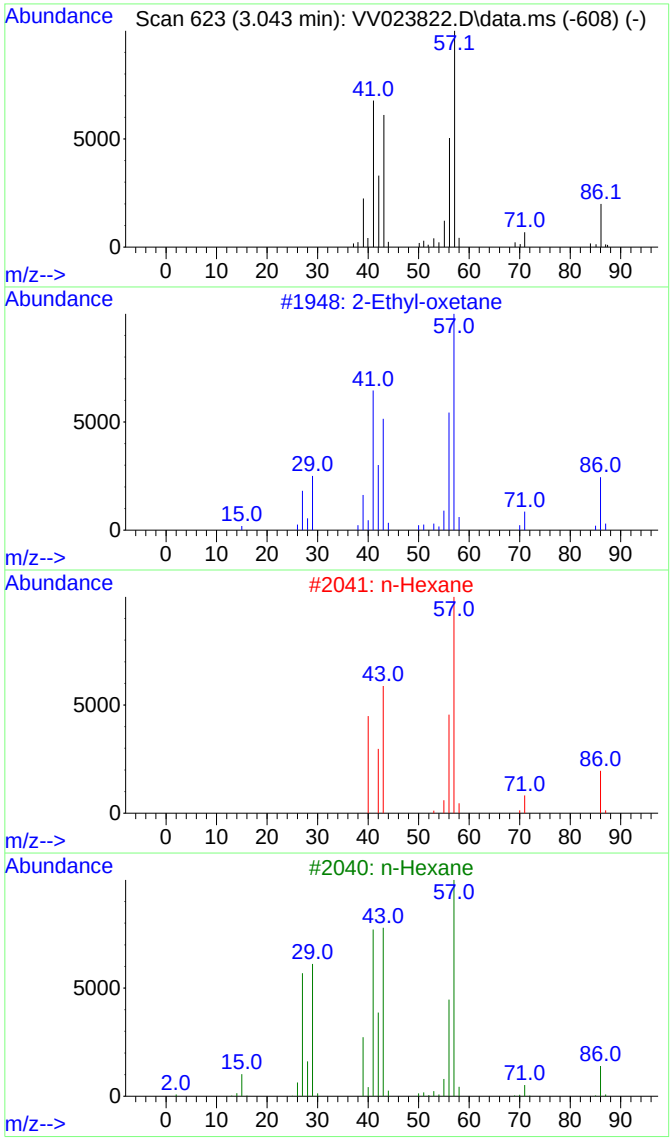
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

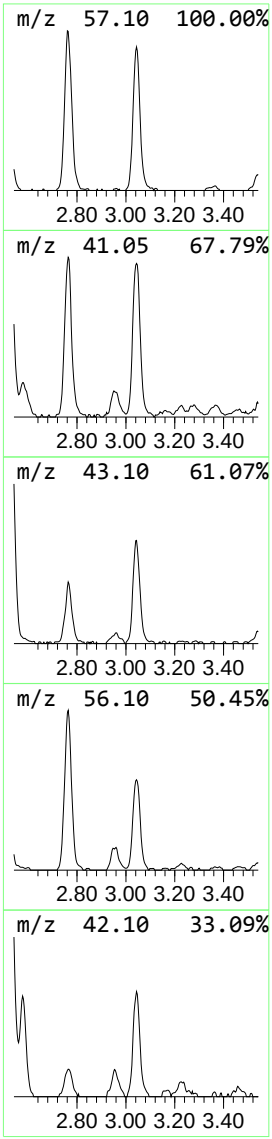
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Ethyl-oxetane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.043	1.28 ug/L	100002	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	87
2	n-Hexane	86	C6H14	000110-54-3	86
3	n-Hexane	86	C6H14	000110-54-3	72
4	n-Hexane	86	C6H14	000110-54-3	64
5	n-Hexane	86	C6H14	000110-54-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023822.D
Acq On : 07 Dec 2021 14:55
Operator : SY/MD
Sample : M4879-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G20

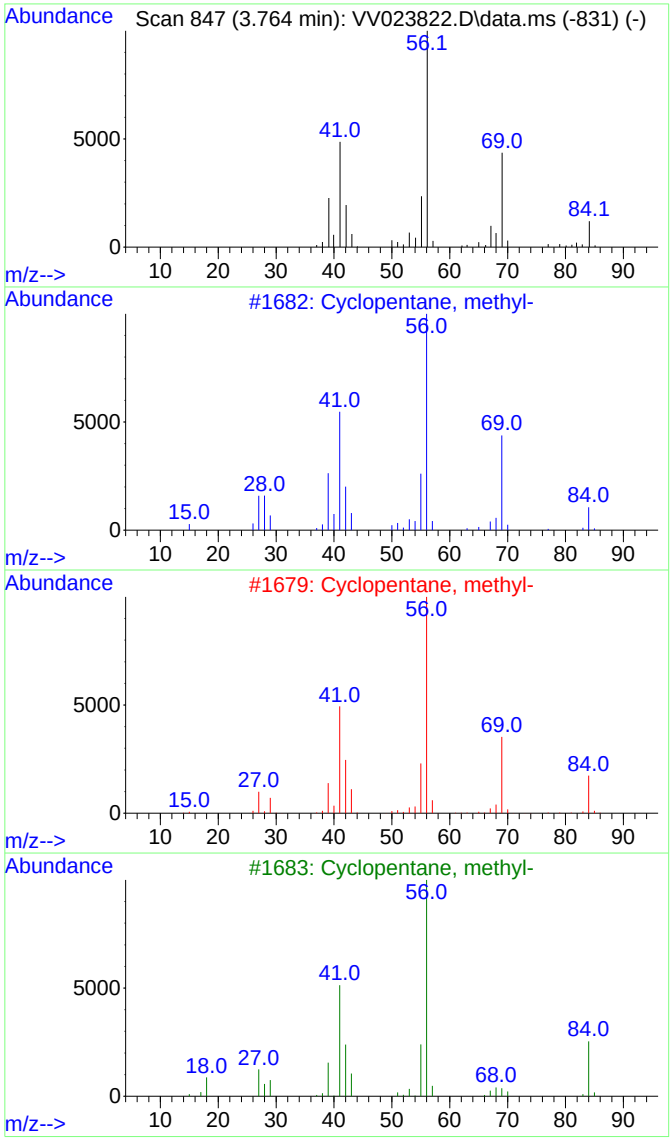
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

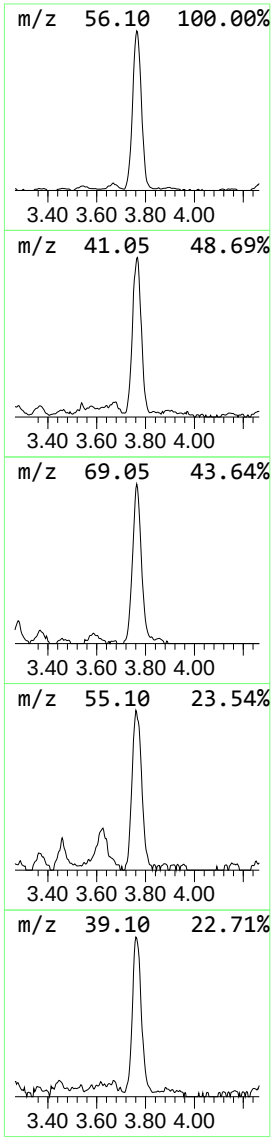
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic3.764 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.764	2.03 ug/L	158444	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	72
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
5	Cyclohexane	84	C6H12	000110-82-7	64





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Data File : VV023822.D
Acq On : 07 Dec 2021 14:55
Operator : SY/MD
Sample : M4879-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G20

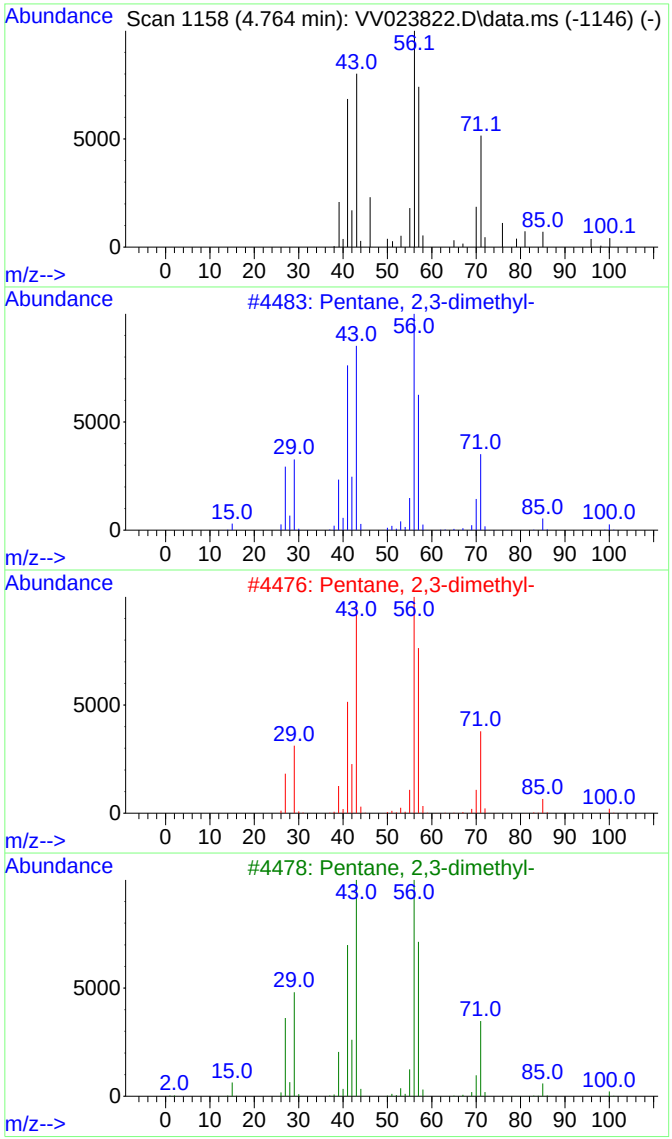
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

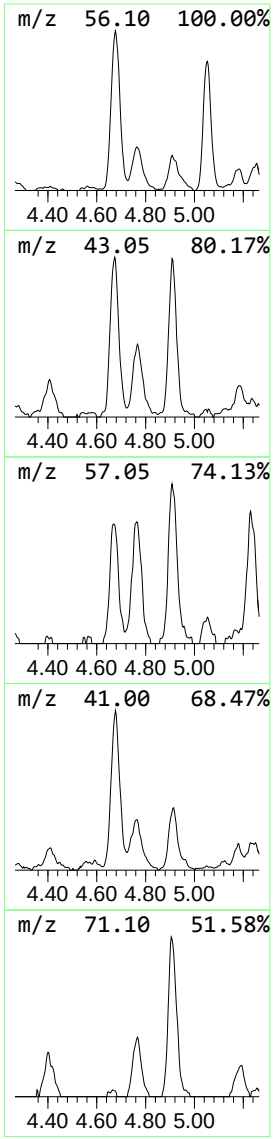
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.764	0.96 ug/L	75215	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	74
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	72
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	64
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	53
5	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	40





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Data File : VV023822.D
Acq On : 07 Dec 2021 14:55
Operator : SY/MD
Sample : M4879-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G20

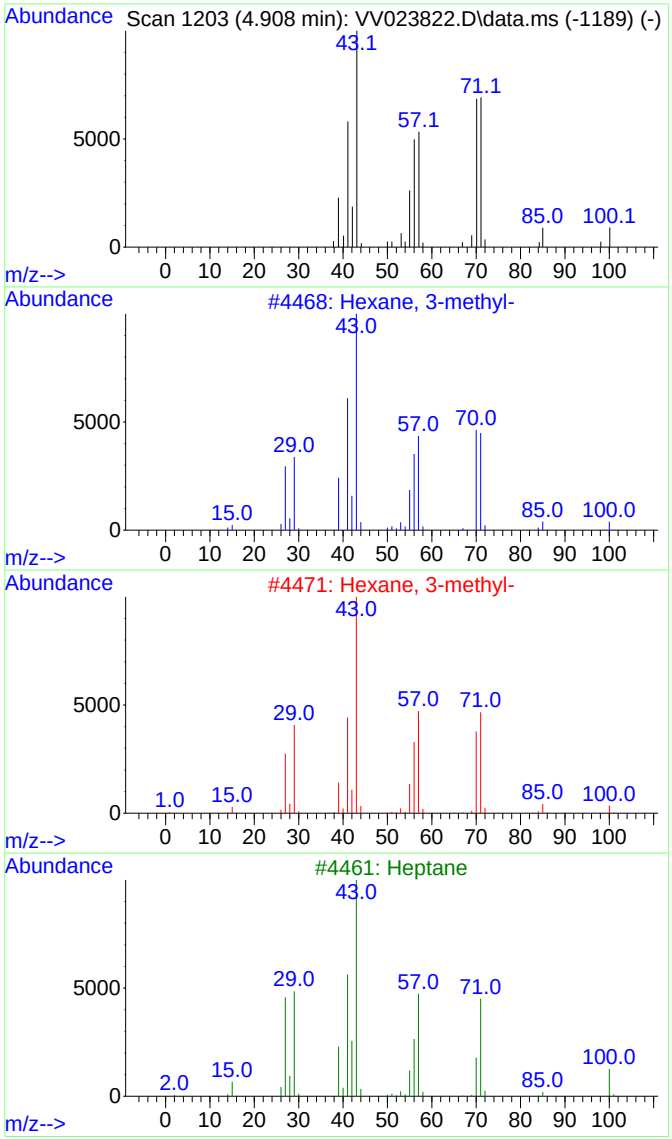
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

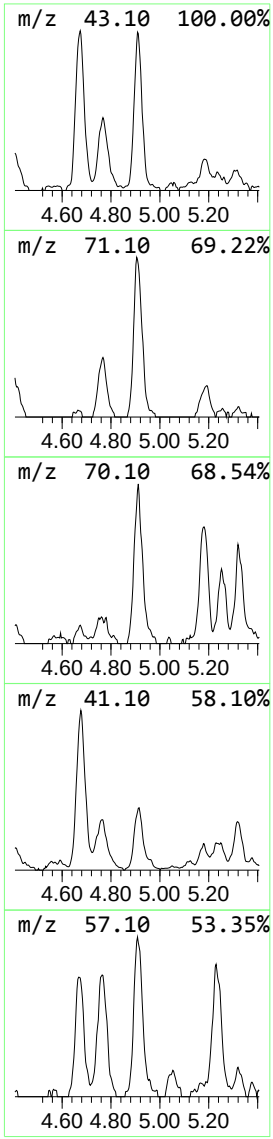
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.908	1.23 ug/L	95960	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	87
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	72
3	Heptane	100	C7H16	000142-82-5	64
4	Heptane	100	C7H16	000142-82-5	64
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	64





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Data File : VV023822.D
Acq On : 07 Dec 2021 14:55
Operator : SY/MD
Sample : M4879-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G20

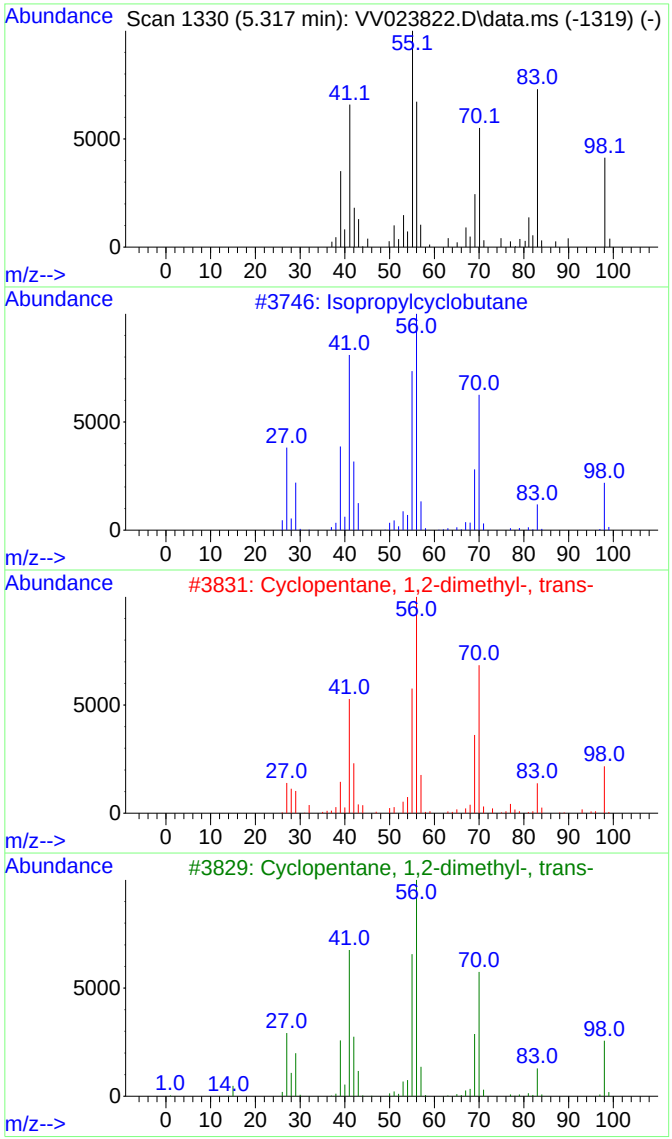
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

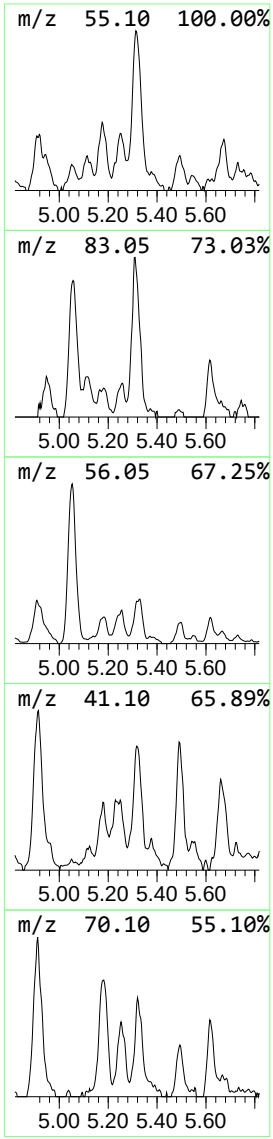
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.317	0.77 ug/L	60460	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylcyclobutane	98	C7H14	000872-56-0	58
2	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	58
3	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	53
4	(Z)-3-Heptene	98	C7H14	007642-10-6	49
5	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	47





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Data File : VV023822.D
Acq On : 07 Dec 2021 14:55
Operator : SY/MD
Sample : M4879-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G20

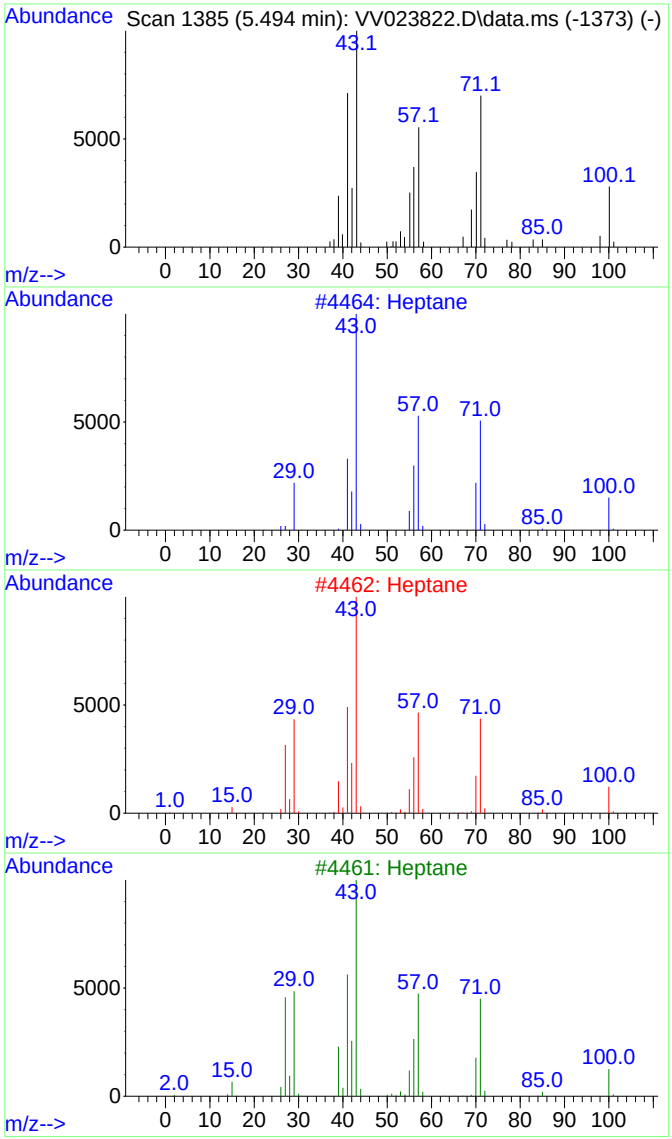
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

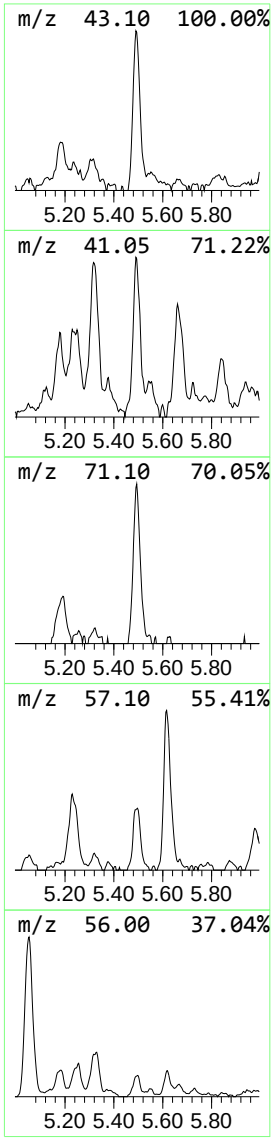
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.494	0.62 ug/L	48103	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	64
2	Heptane	100	C7H16	000142-82-5	59
3	Heptane	100	C7H16	000142-82-5	59
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	53
5	Heptane	100	C7H16	000142-82-5	45





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Acq On : 07 Dec 2021 14:55
Operator : SY/MD
Sample : M4879-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G20

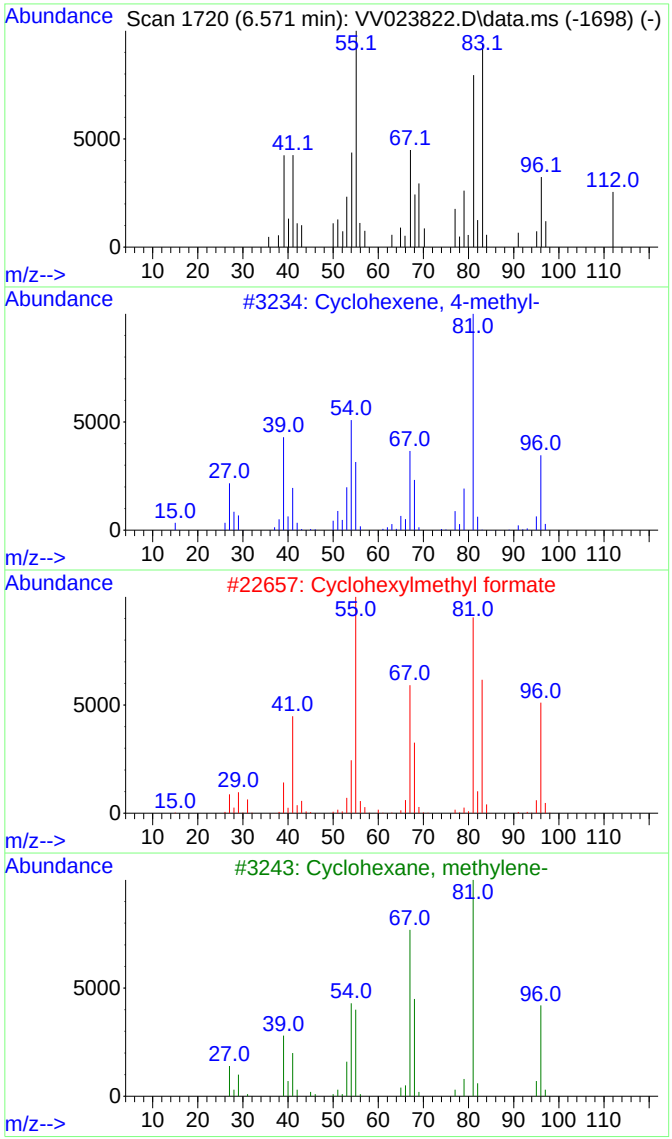
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

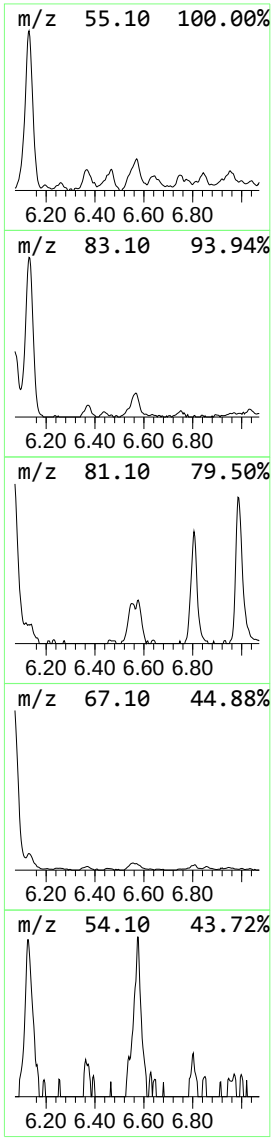
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclohexene, 4-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.571	0.70 ug/L	54677	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	55
2	Cyclohexylmethyl formate	142	C8H14O2	002888-49-5	52
3	Cyclohexane, methylene-	96	C7H12	001192-37-6	46
4	1,4-Hexadiene, 4-methyl-	96	C7H12	001116-90-1	42
5	2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	42





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Data File : VV023822.D
Acq On : 07 Dec 2021 14:55
Operator : SY/MD
Sample : M4879-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G20

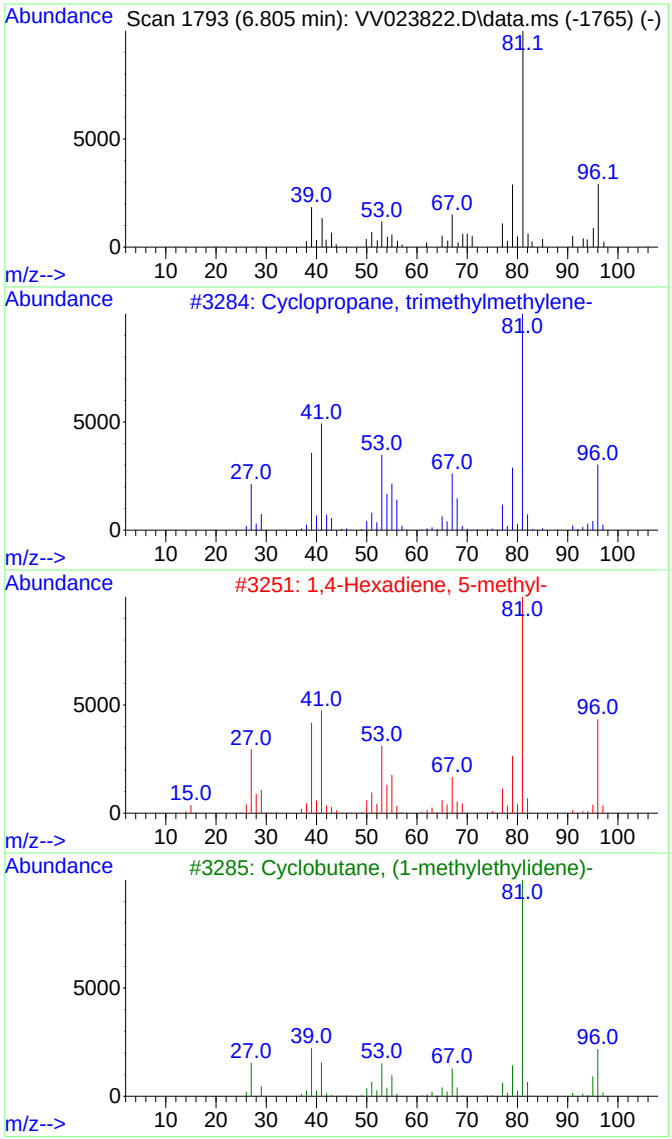
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

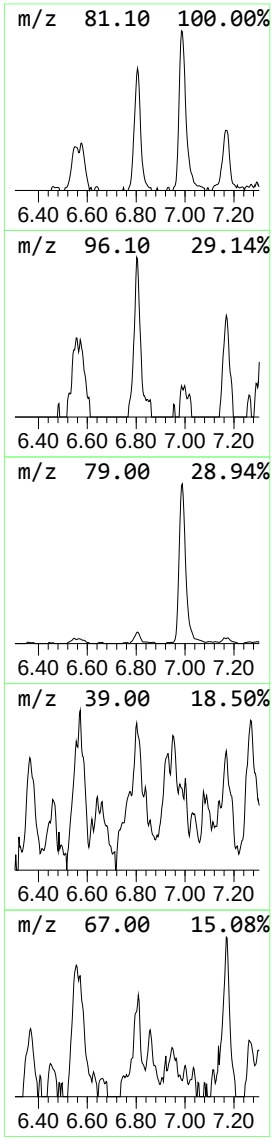
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclopropane, trimethylmeth... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.805	0.76 ug/L	59610	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, trimethylmethylene-	96	C7H12	034462-28-7	83
2	1,4-Hexadiene, 5-methyl-	96	C7H12	000763-88-2	83
3	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	81
4	2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	80
5	2-Pentyne, 4,4-dimethyl-	96	C7H12	000999-78-0	74





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Data File : VV023822.D
Acq On : 07 Dec 2021 14:55
Operator : SY/MD
Sample : M4879-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G20

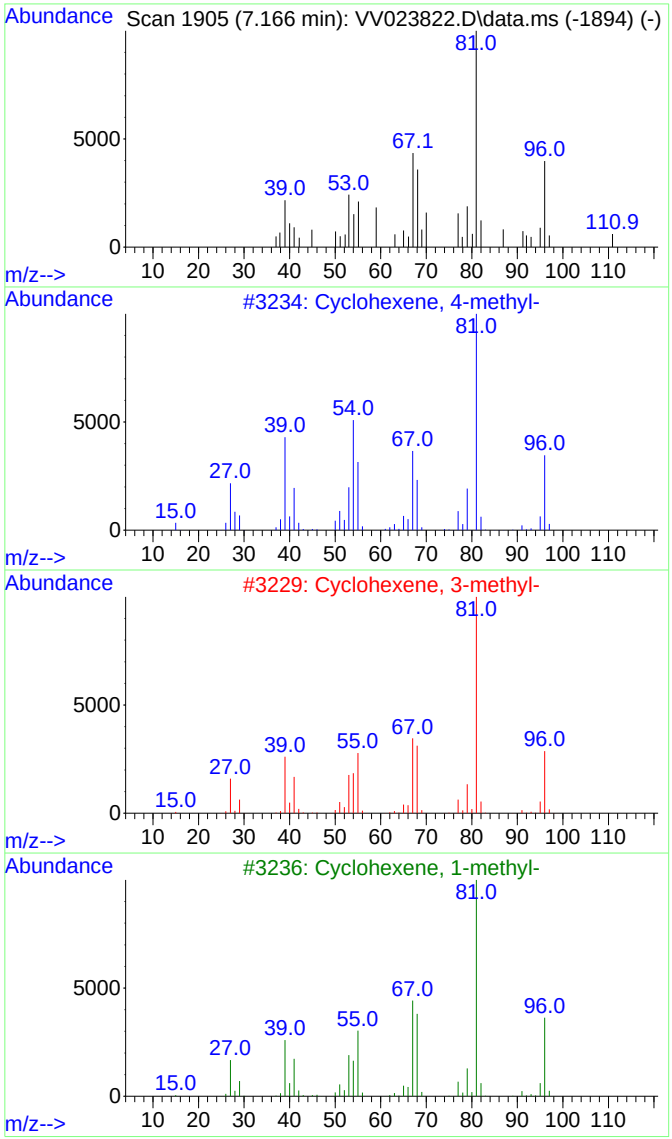
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

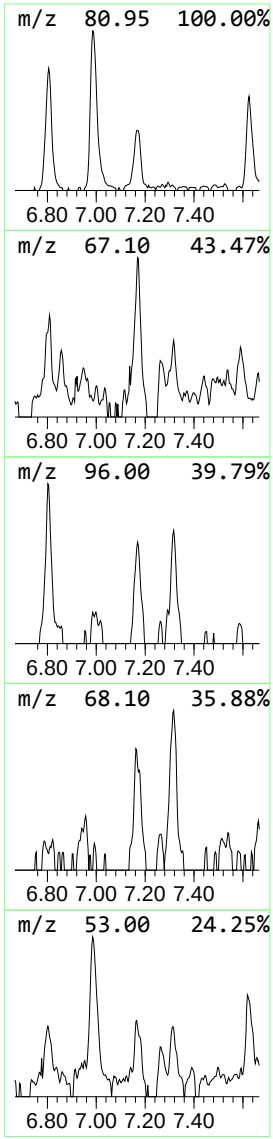
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Cyclohexene, 3-methyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.166	0.56 ug/L	43808	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	90
2	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	90
3	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	90
4	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	87
5	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	87





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Acq On : 07 Dec 2021 14:55
Operator : SY/MD
Sample : M4879-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G20

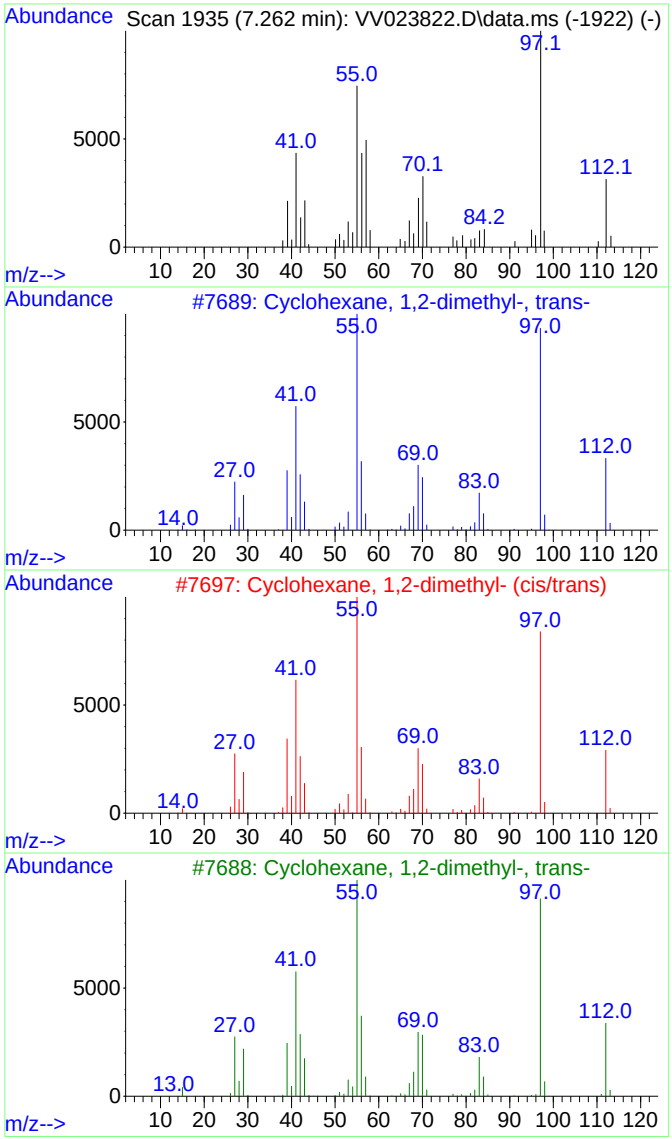
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

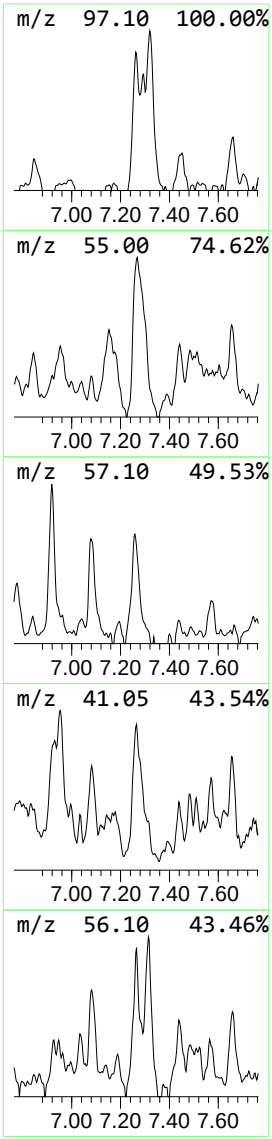
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Cyclic7.262 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.262	0.53 ug/L	43865	Chlorobenzene-d5	8.854

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	83
2	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	83
3	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	80
4	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	80
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	72





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Acq On : 07 Dec 2021 14:55
Operator : SY/MD
Sample : M4879-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G20

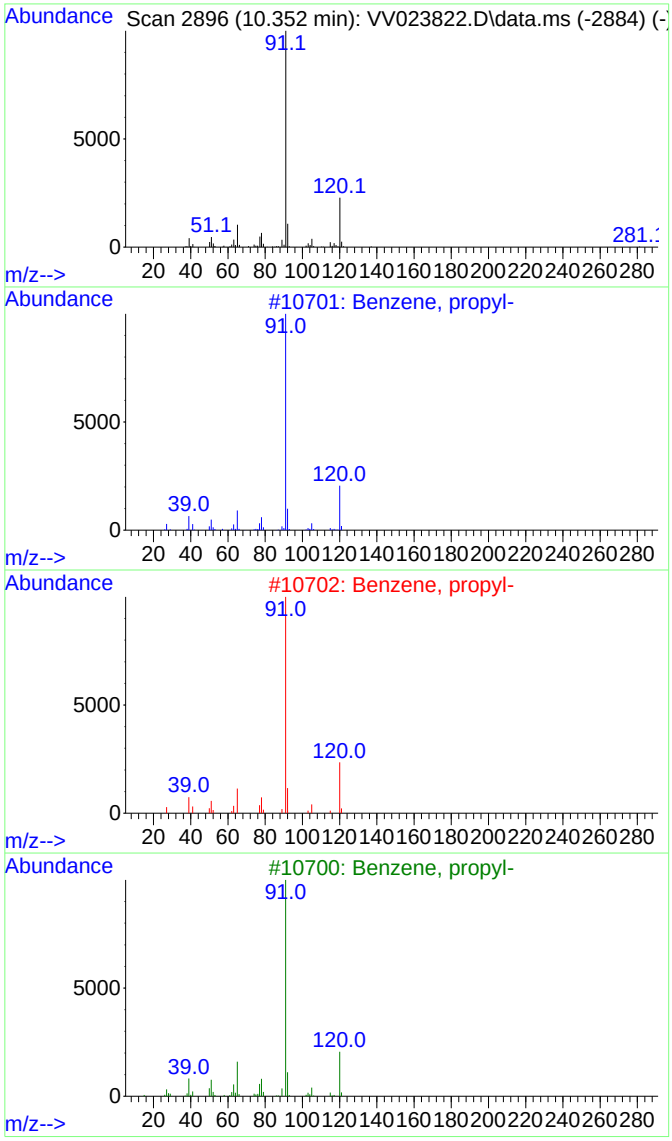
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

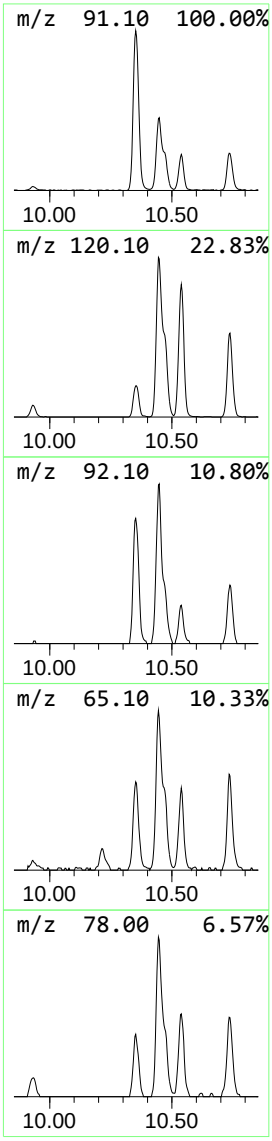
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.352	1.72 ug/L	163812	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	90
4	Benzene, propyl-	120	C9H12	000103-65-1	87
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72





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Acq On : 07 Dec 2021 14:55
Operator : SY/MD
Sample : M4879-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G20

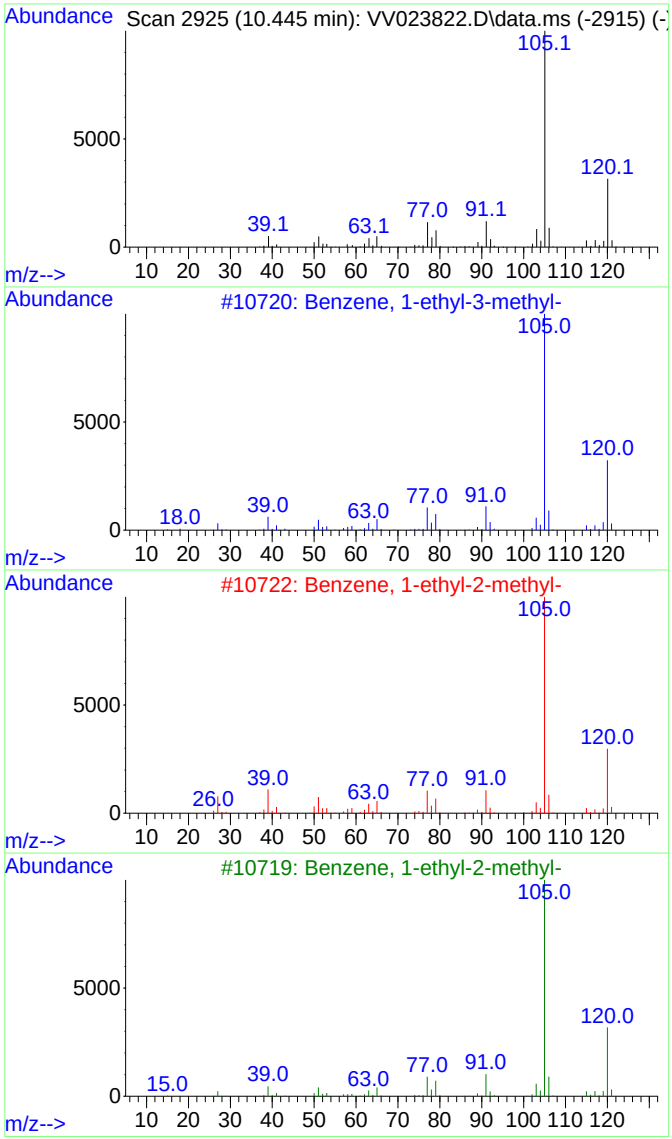
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

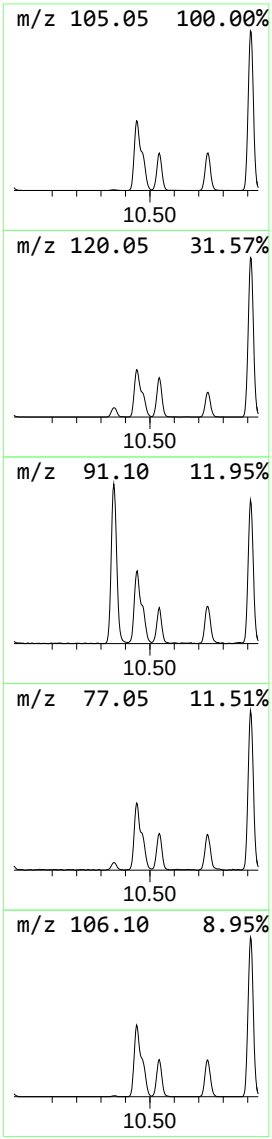
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 1-ethyl-3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.445	9.86 ug/L	936643	1,4-Dichlorobenzene-d4	11.249

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	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94





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Operator : SY/MD
Sample : M4879-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G20

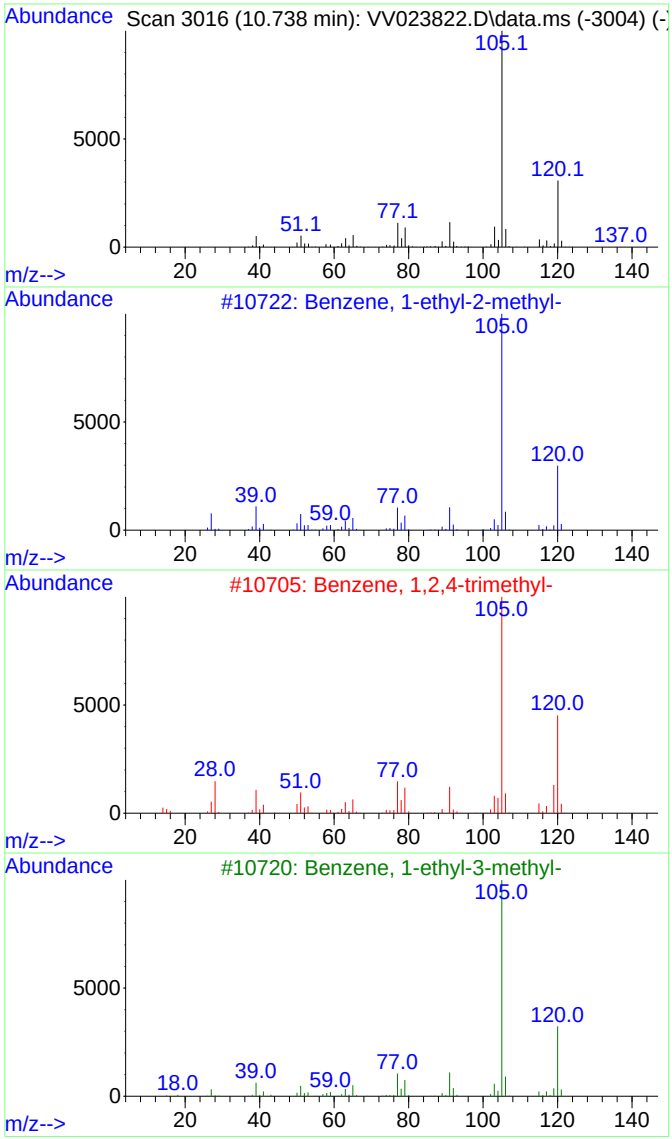
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

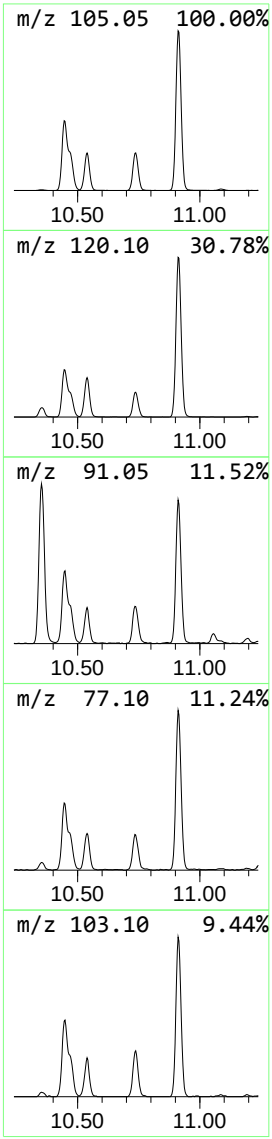
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.738	4.04 ug/L	384230	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Data File : VV023822.D
Acq On : 07 Dec 2021 14:55
Operator : SY/MD
Sample : M4879-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G20

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

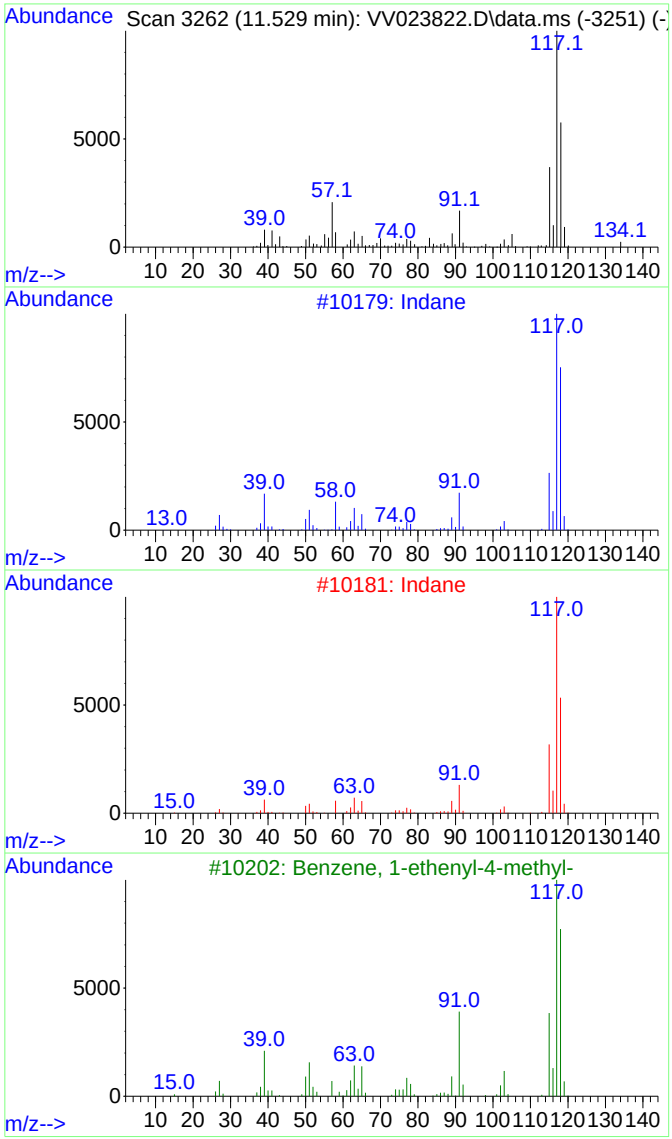
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

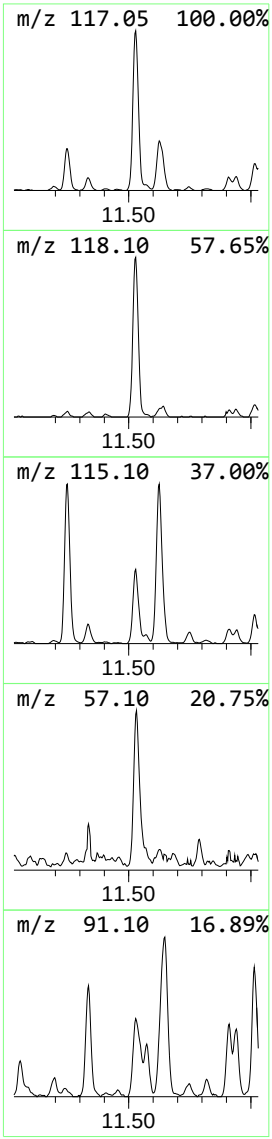
****

Peak Number 20 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.529	3.24 ug/L	307493	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Indane	118	C9H10	000496-11-7	87
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	87
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023822.D
Acq On : 07 Dec 2021 14:55
Operator : SY/MD
Sample : M4879-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G20

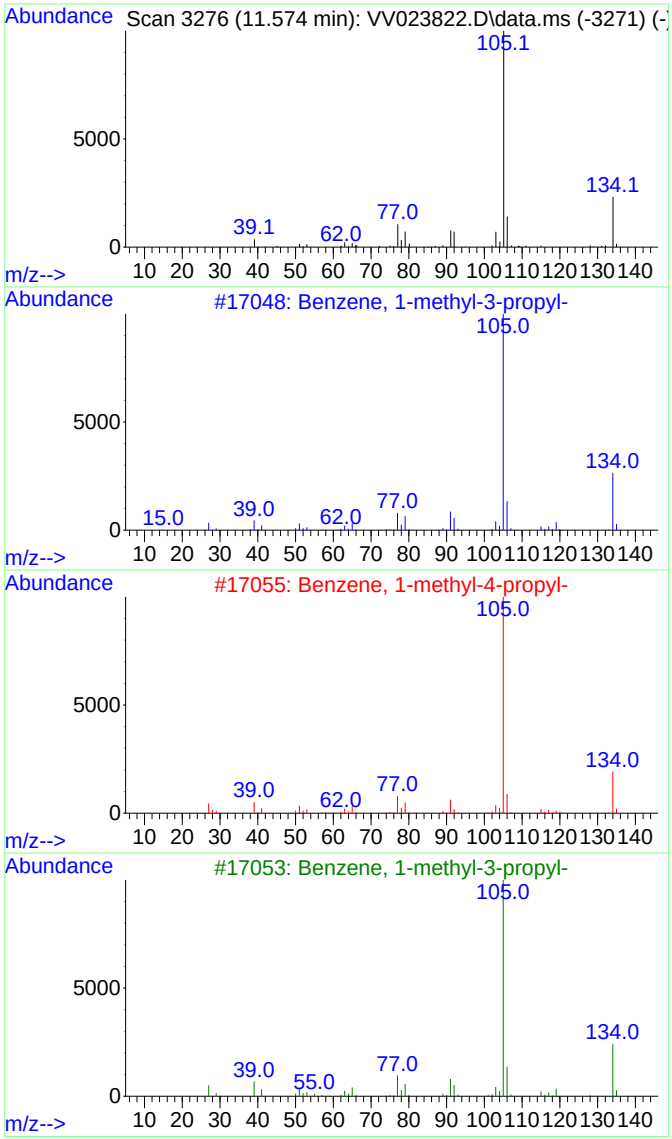
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

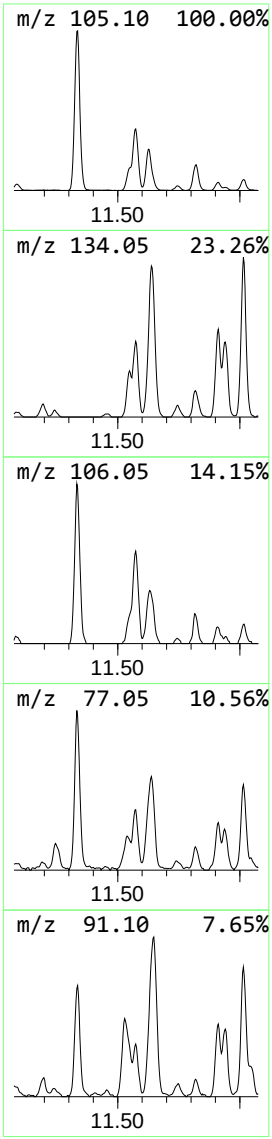
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzene, 1-methyl-3-propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.574	1.41 ug/L	134145	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	87
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	86
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	86
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	86
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023822.D
Acq On : 07 Dec 2021 14:55
Operator : SY/MD
Sample : M4879-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G20

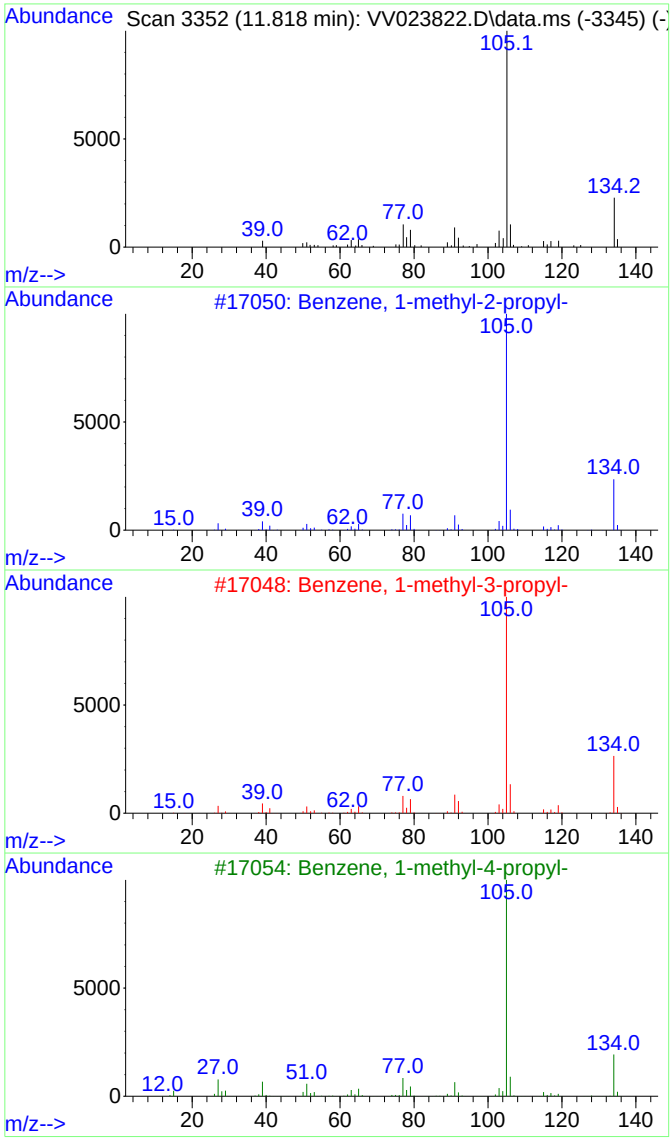
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

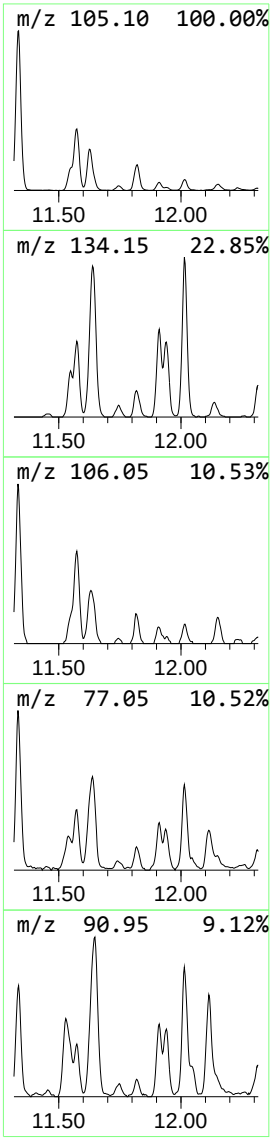
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Benzene, 1-methyl-2-propyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.818	0.59 ug/L	55865	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	94
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023822.D
Acq On : 07 Dec 2021 14:55
Operator : SY/MD
Sample : M4879-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G20

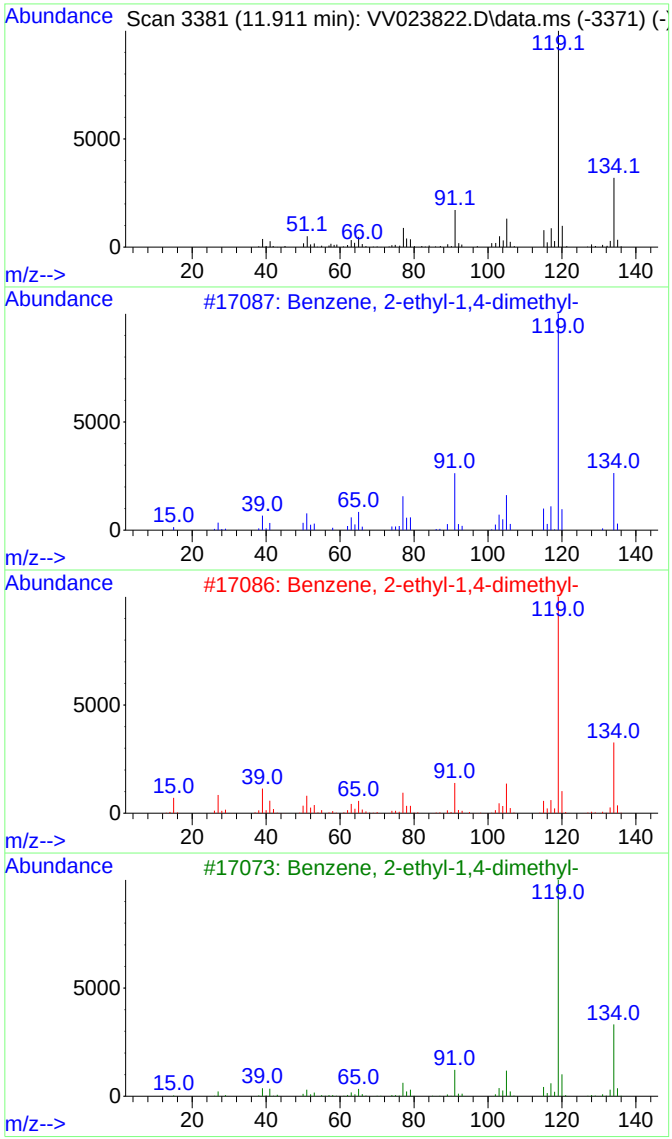
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

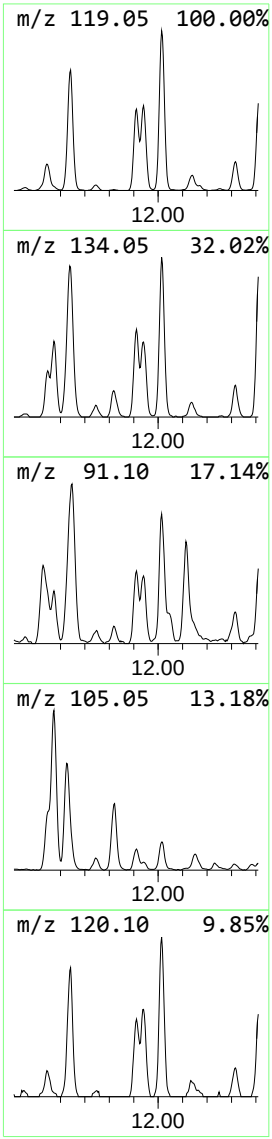
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.911	1.49 ug/L	141409	1,4-Dichlorobenzene-d4	11.249

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, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023822.D
Acq On : 07 Dec 2021 14:55
Operator : SY/MD
Sample : M4879-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G20

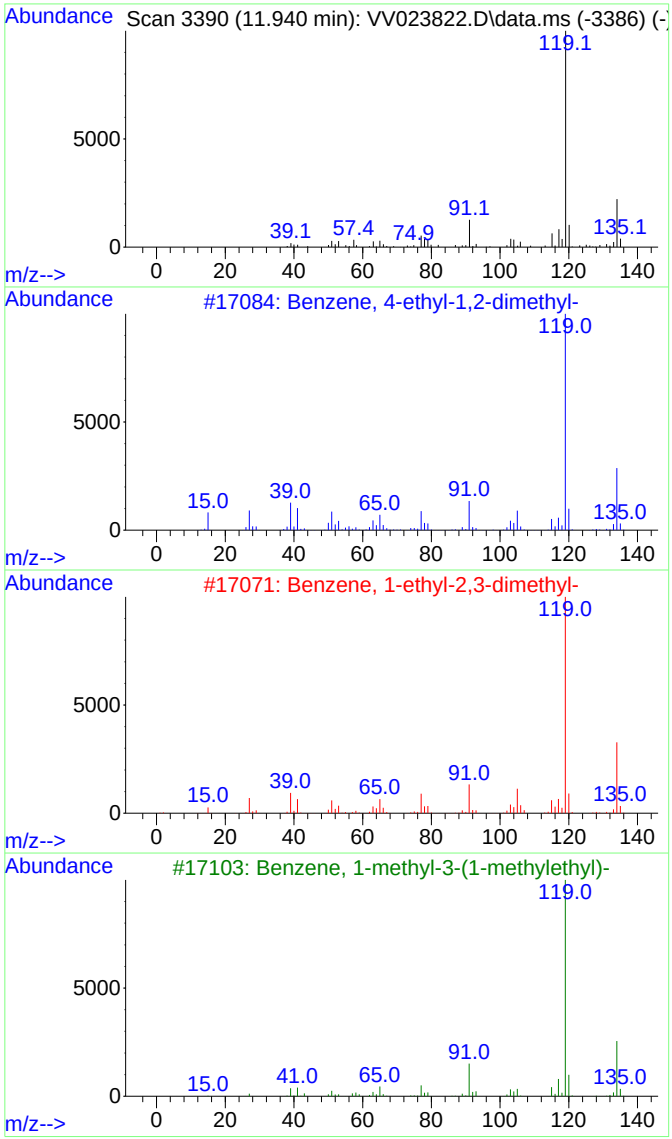
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

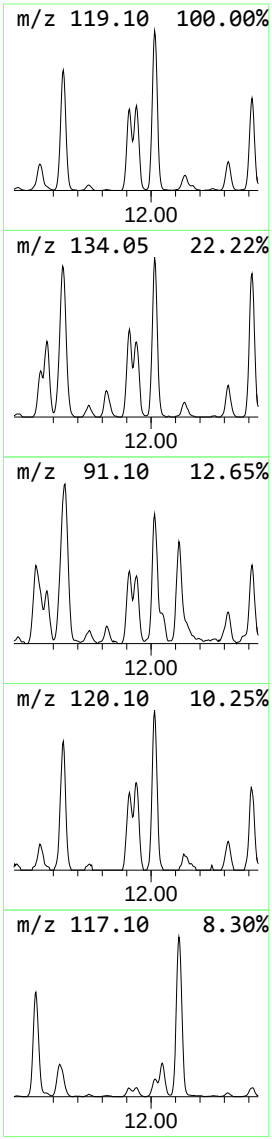
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.940	1.16 ug/L	110167	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023822.D
Acq On : 07 Dec 2021 14:55
Operator : SY/MD
Sample : M4879-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G20

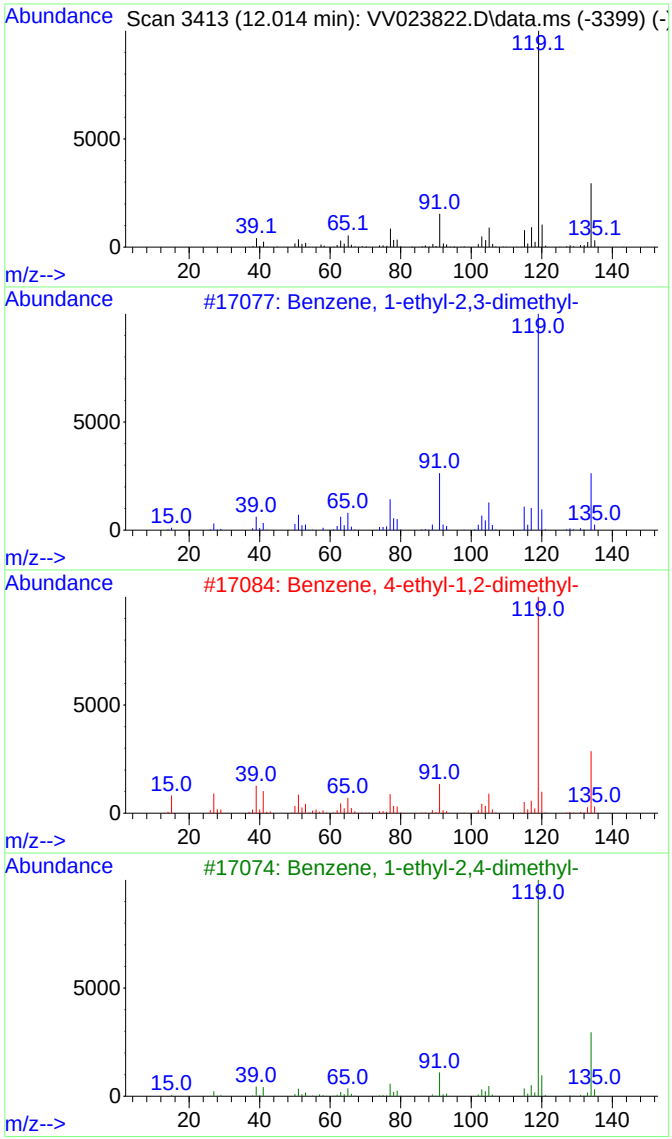
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

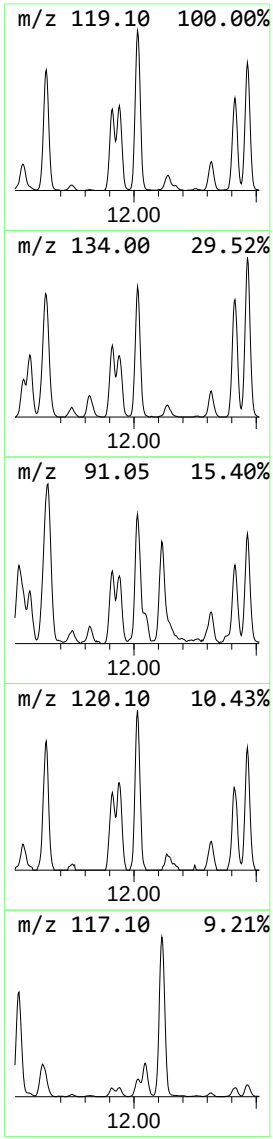
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.014	3.00 ug/L	285377	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023822.D
Acq On : 07 Dec 2021 14:55
Operator : SY/MD
Sample : M4879-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G20

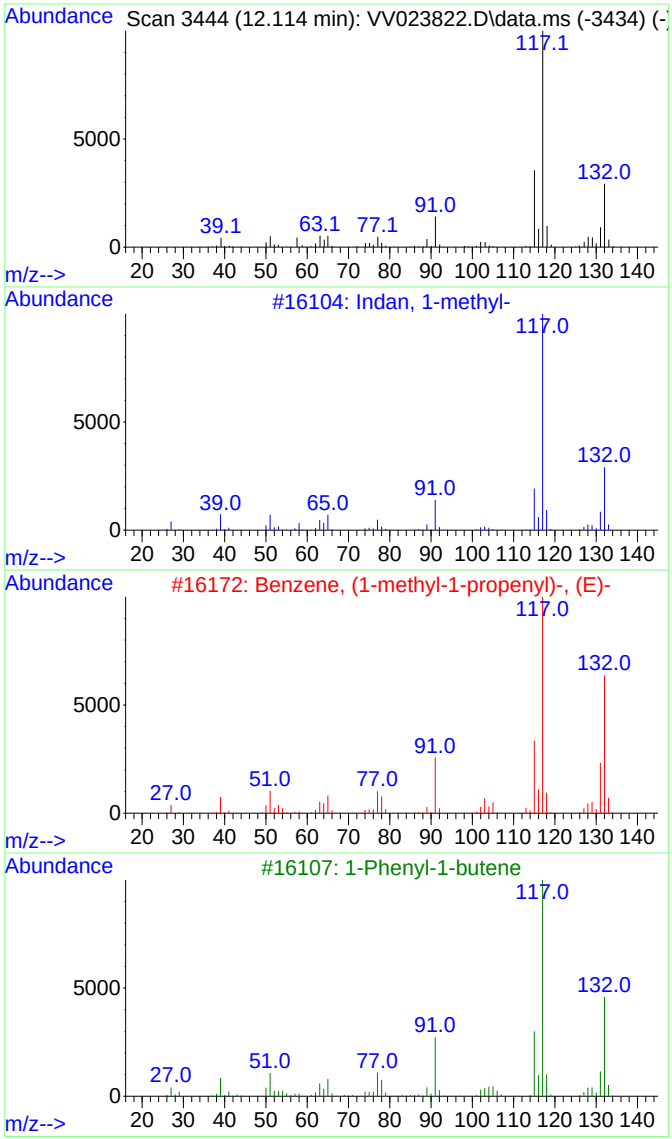
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

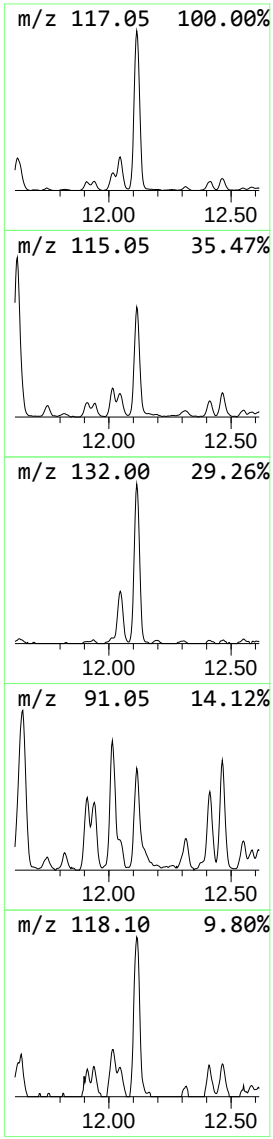
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Indan, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.114	3.08 ug/L	293117	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	90
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	86
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023822.D
Acq On : 07 Dec 2021 14:55
Operator : SY/MD
Sample : M4879-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G20

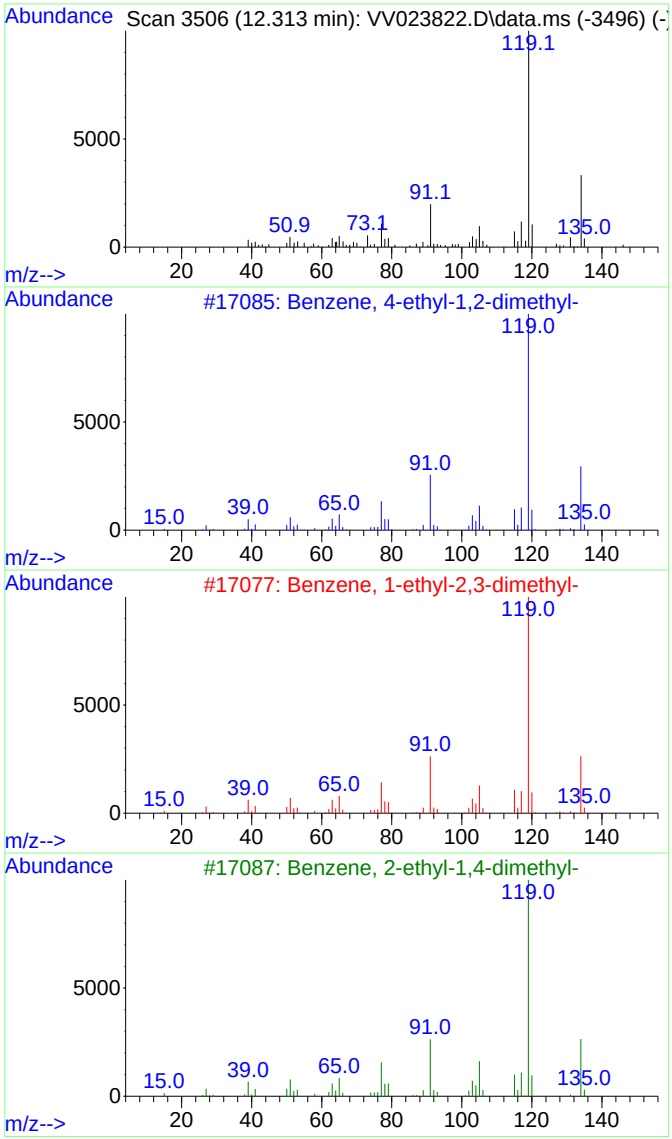
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

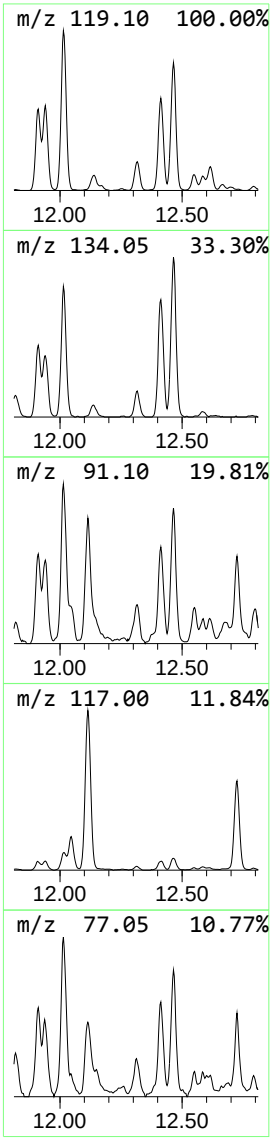
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.313	0.66 ug/L	62816	1,4-Dichlorobenzene-d4	11.249

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	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	p-Cymene	134	C10H14	000099-87-6	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023822.D
Acq On : 07 Dec 2021 14:55
Operator : SY/MD
Sample : M4879-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G20

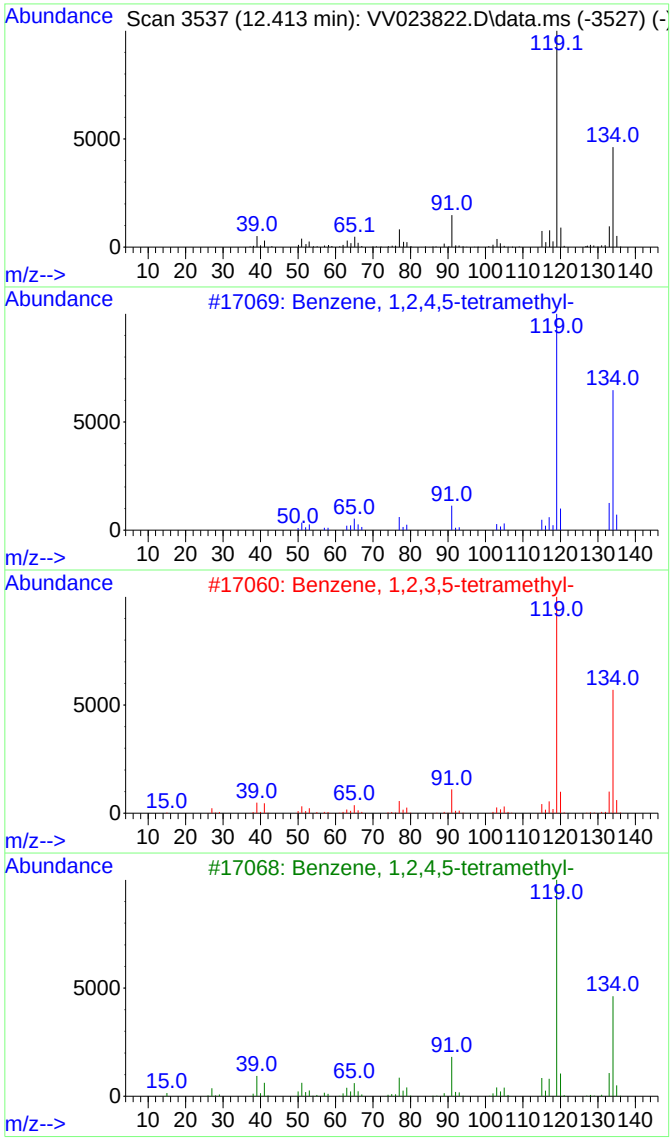
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

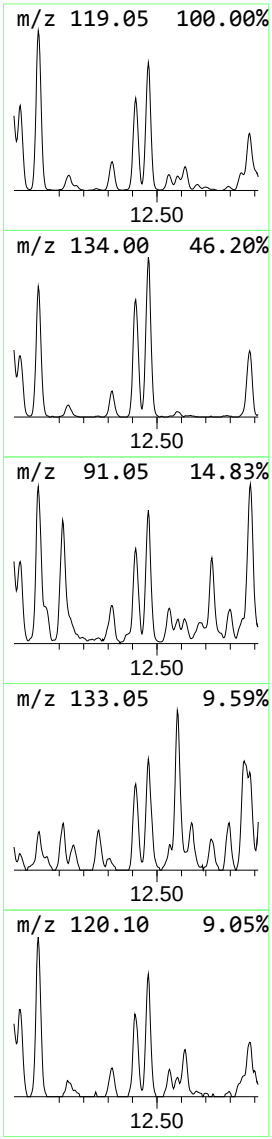
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.413	1.64 ug/L	156315	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023822.D
Acq On : 07 Dec 2021 14:55
Operator : SY/MD
Sample : M4879-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G20

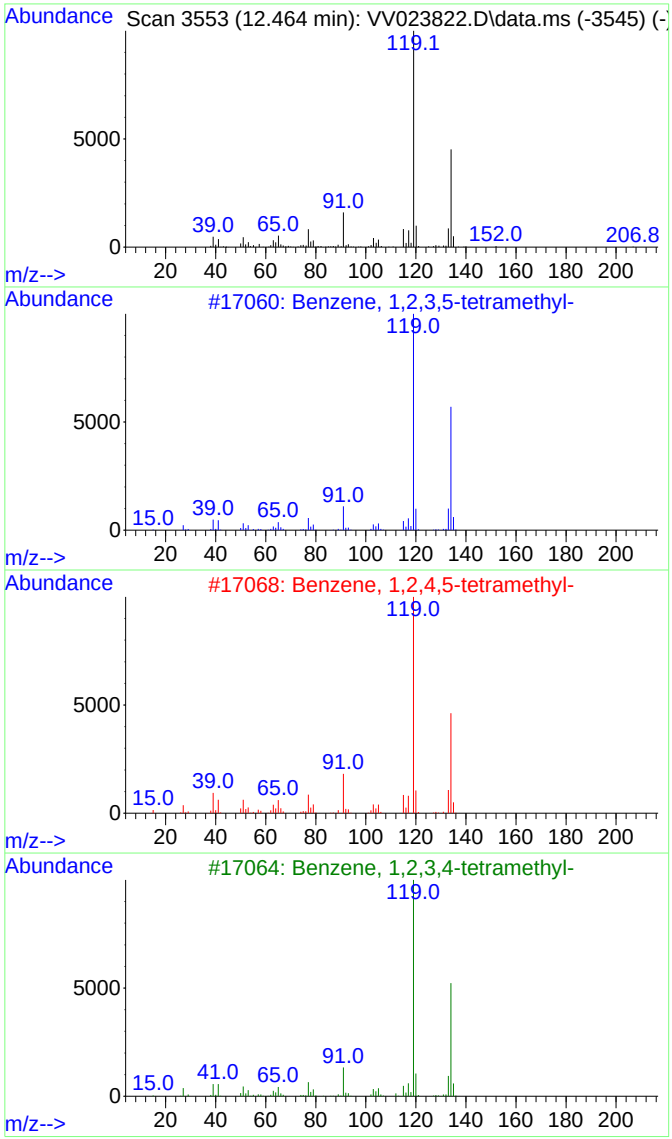
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

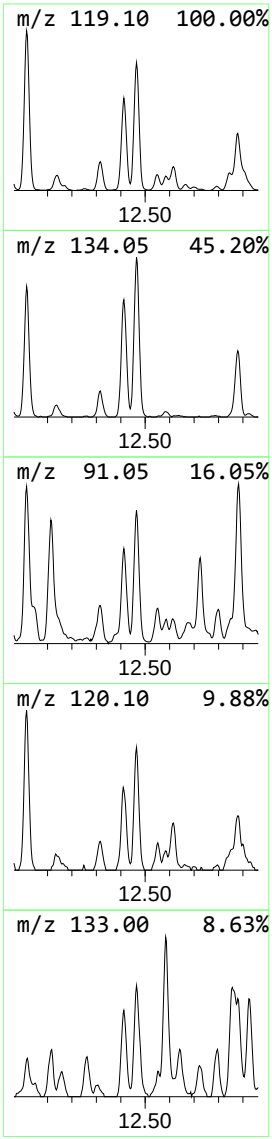
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.464	2.51 ug/L	238430	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023822.D
Acq On : 07 Dec 2021 14:55
Operator : SY/MD
Sample : M4879-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G20

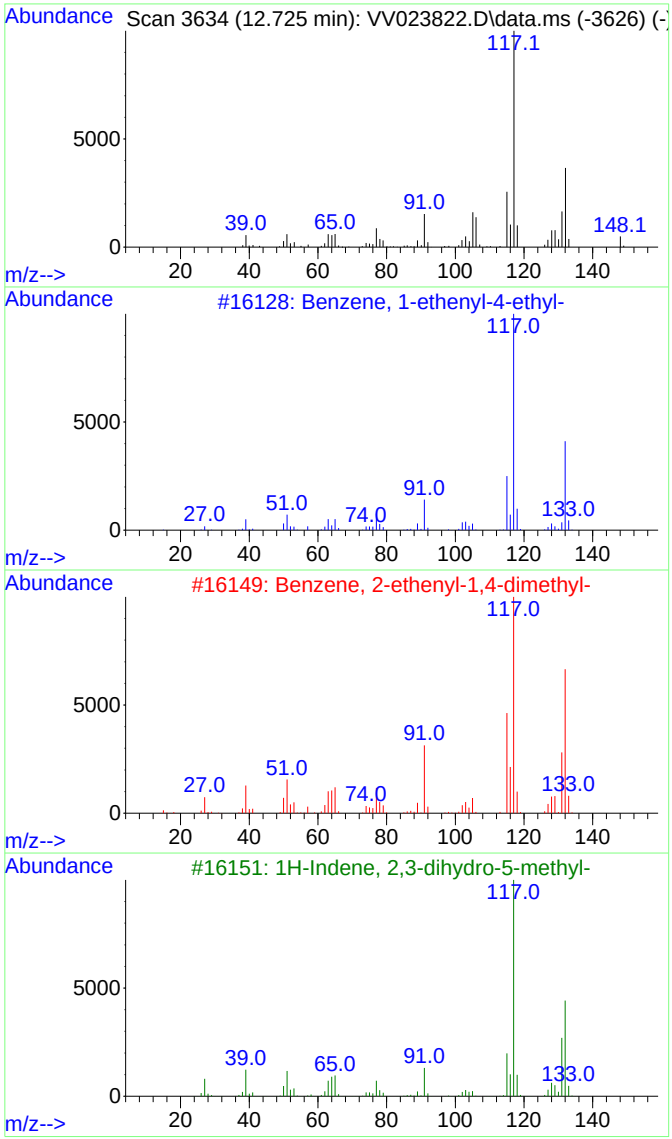
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

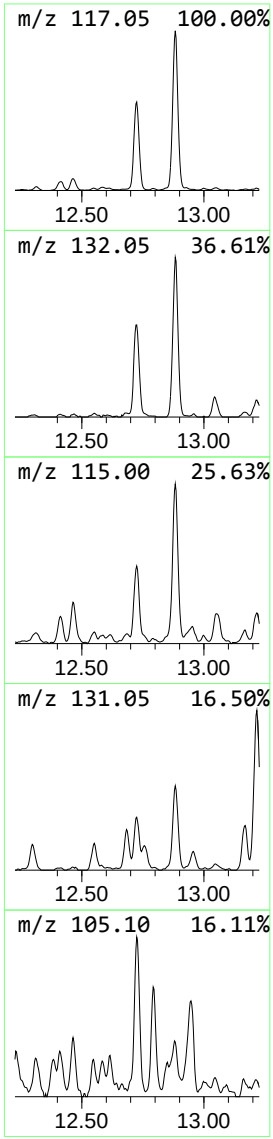
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.725	1.95 ug/L	185181	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
4	Indan, 1-methyl-	132	C10H12	000767-58-8	87
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023822.D
Acq On : 07 Dec 2021 14:55
Operator : SY/MD
Sample : M4879-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G20

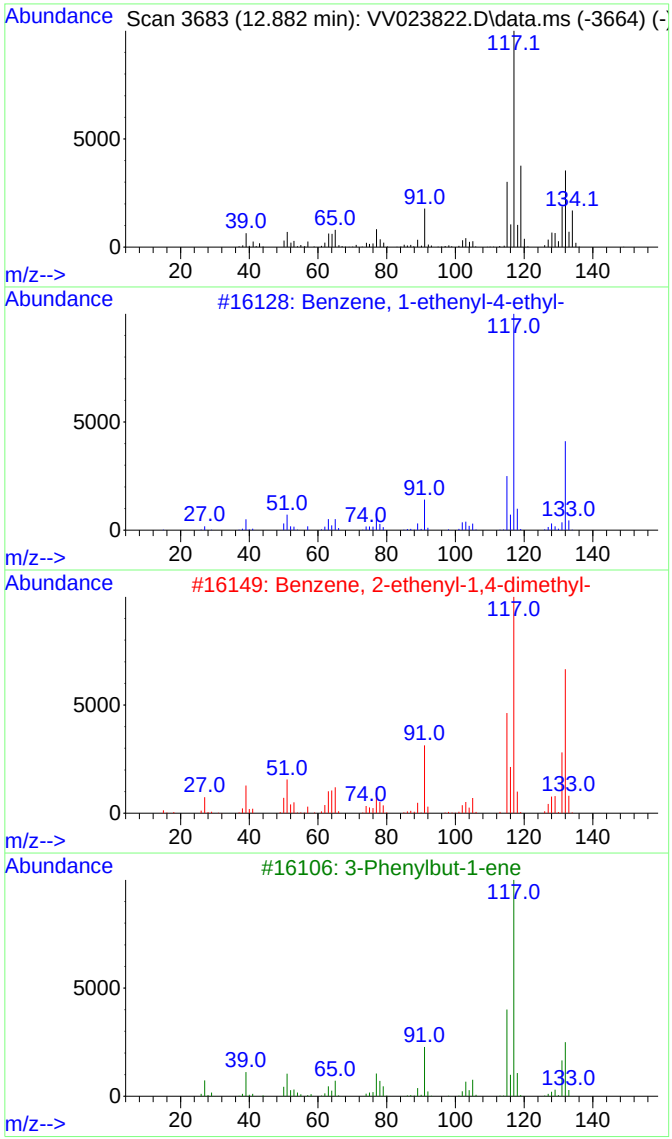
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

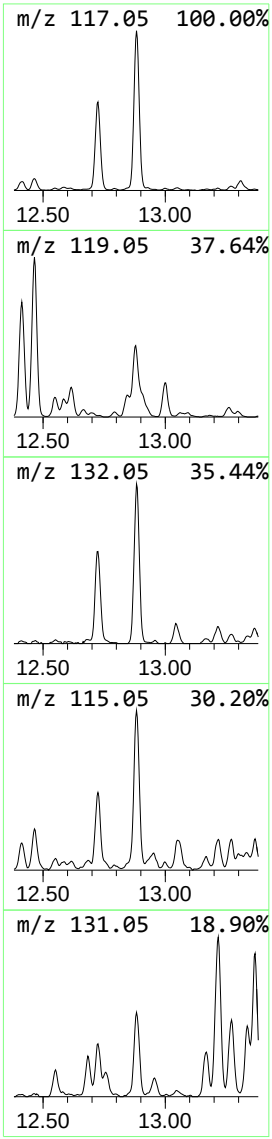
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 3-Phenylbut-1-ene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.882	4.69 ug/L	445557	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	81
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023822.D
Acq On : 07 Dec 2021 14:55
Operator : SY/MD
Sample : M4879-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G20

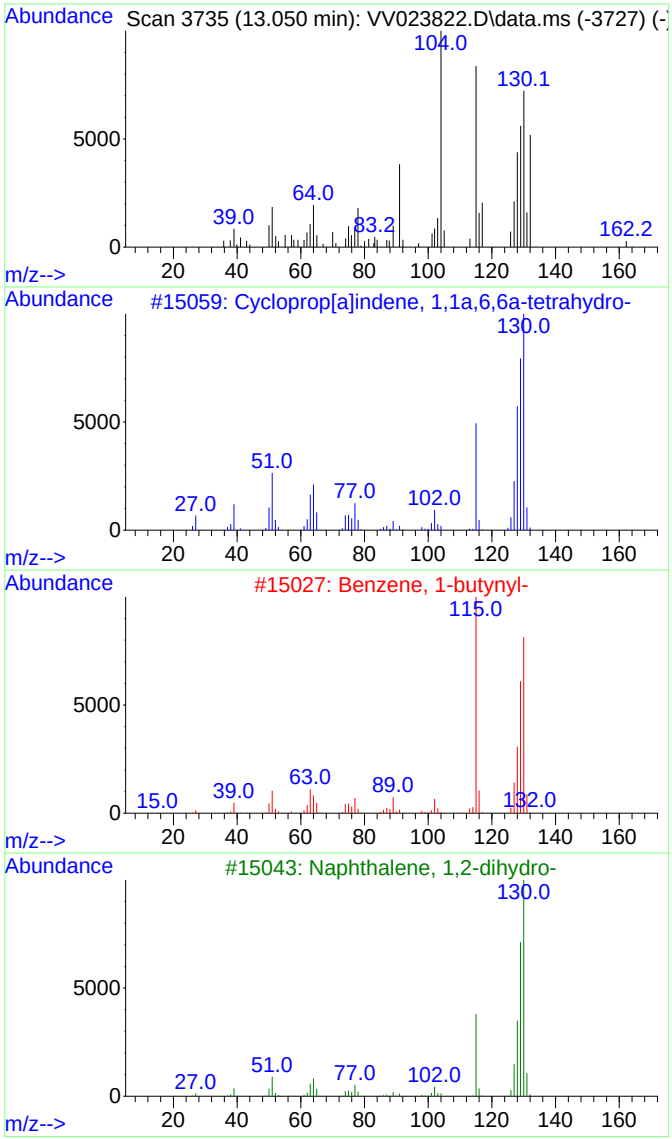
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

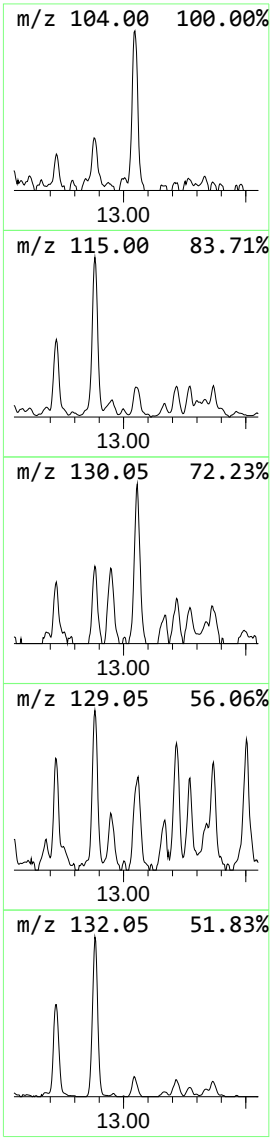
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Cycloprop[a]indene, 1,1a,6,... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.050	0.52 ug/L	49372	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	60
2	Benzene, 1-butynyl-	130	C10H10	000622-76-4	46
3	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	45
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	45
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023822.D
Acq On : 07 Dec 2021 14:55
Operator : SY/MD
Sample : M4879-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G20

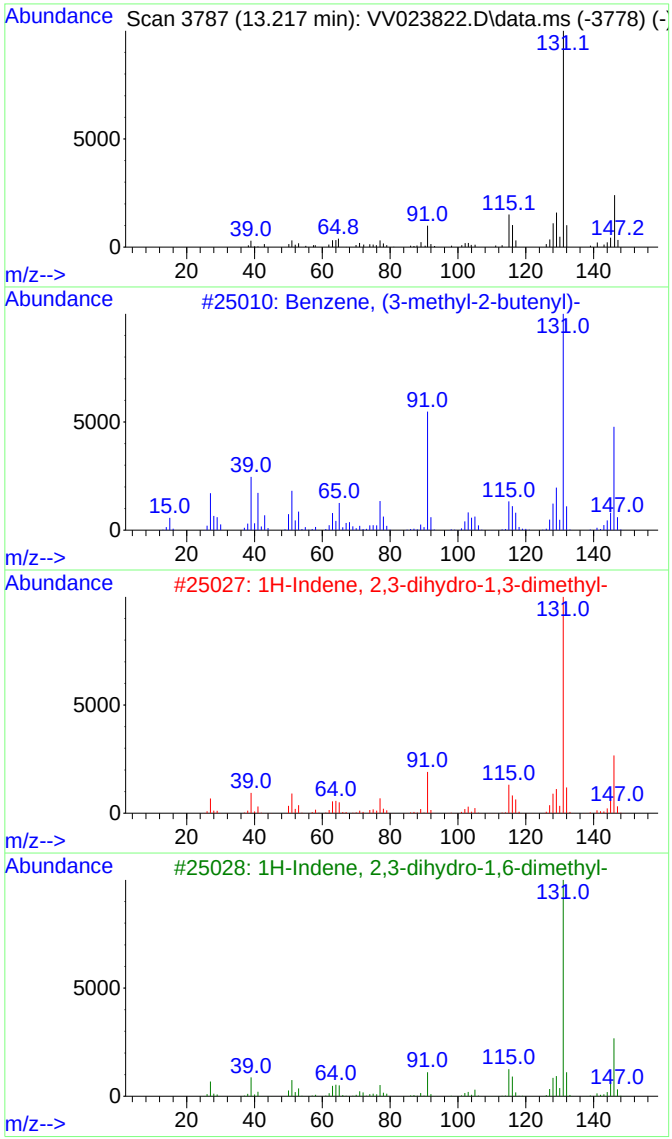
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

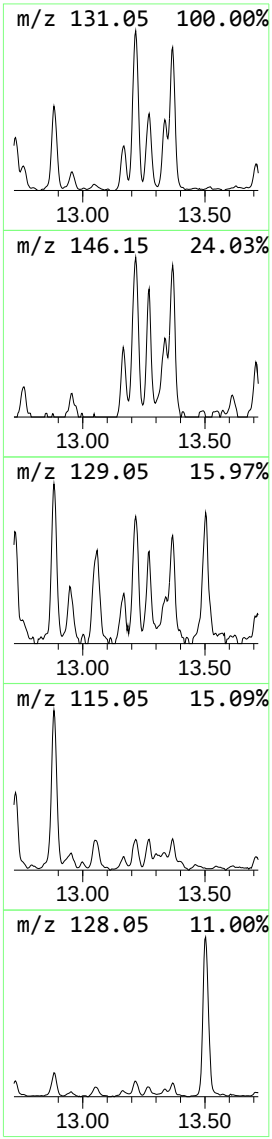
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Benzene, (3-methyl-2-butenyl)- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.217	0.85 ug/L	81145	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	91
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023822.D
Acq On : 07 Dec 2021 14:55
Operator : SY/MD
Sample : M4879-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G20

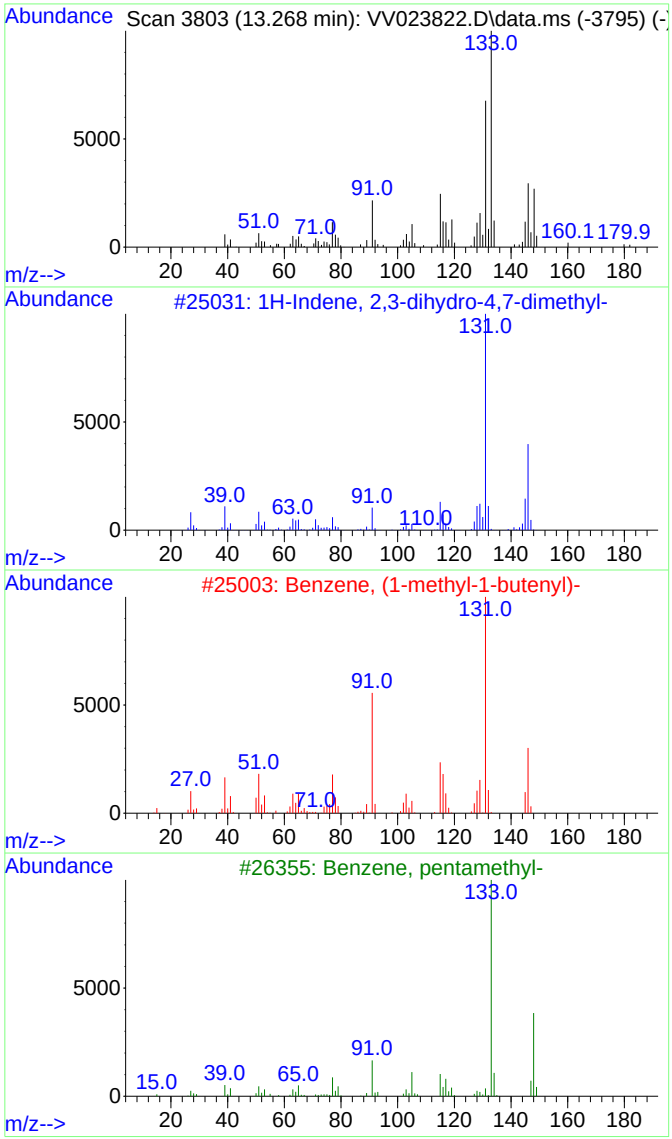
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

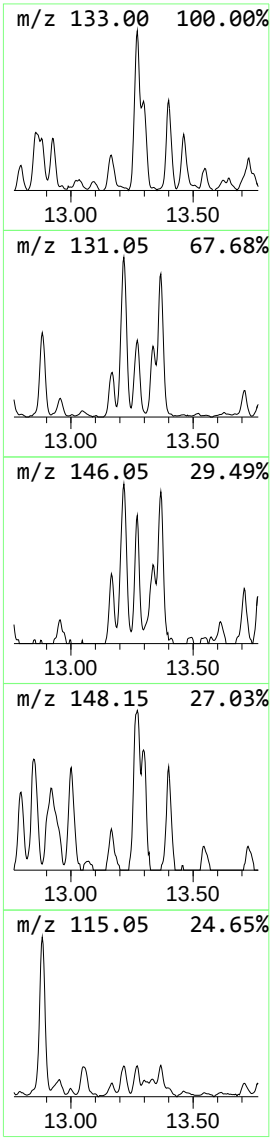
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.268	1.05 ug/L	99730	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	80
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	62
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	49
4	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	49
5	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023822.D
Acq On : 07 Dec 2021 14:55
Operator : SY/MD
Sample : M4879-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G20

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

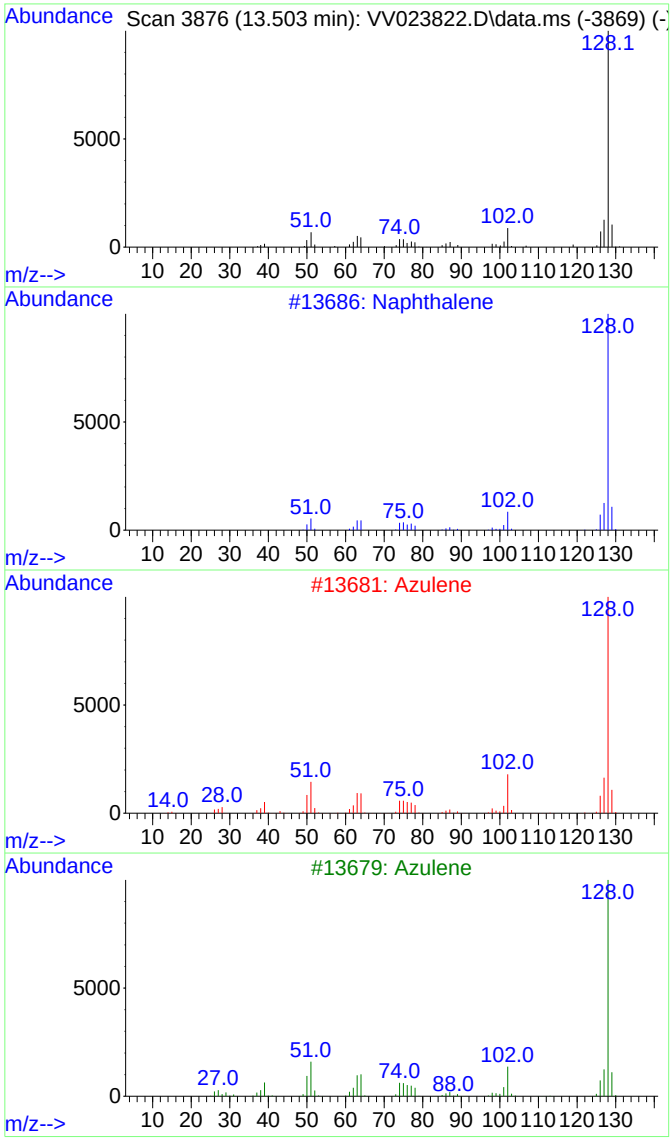
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

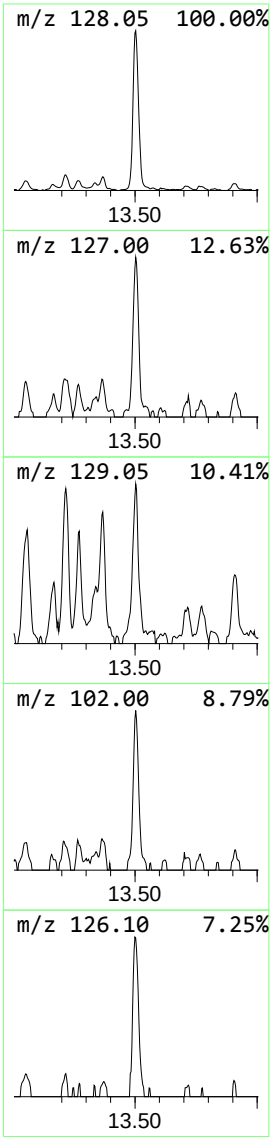
****

Peak Number 35 Azulene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.503	0.81 ug/L	77173	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	94
2	Azulene	128	C10H8	000275-51-4	91
3	Azulene	128	C10H8	000275-51-4	91
4	Azulene	128	C10H8	000275-51-4	90
5	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023822.D
Acq On : 07 Dec 2021 14:55
Operator : SY/MD
Sample : M4879-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G20

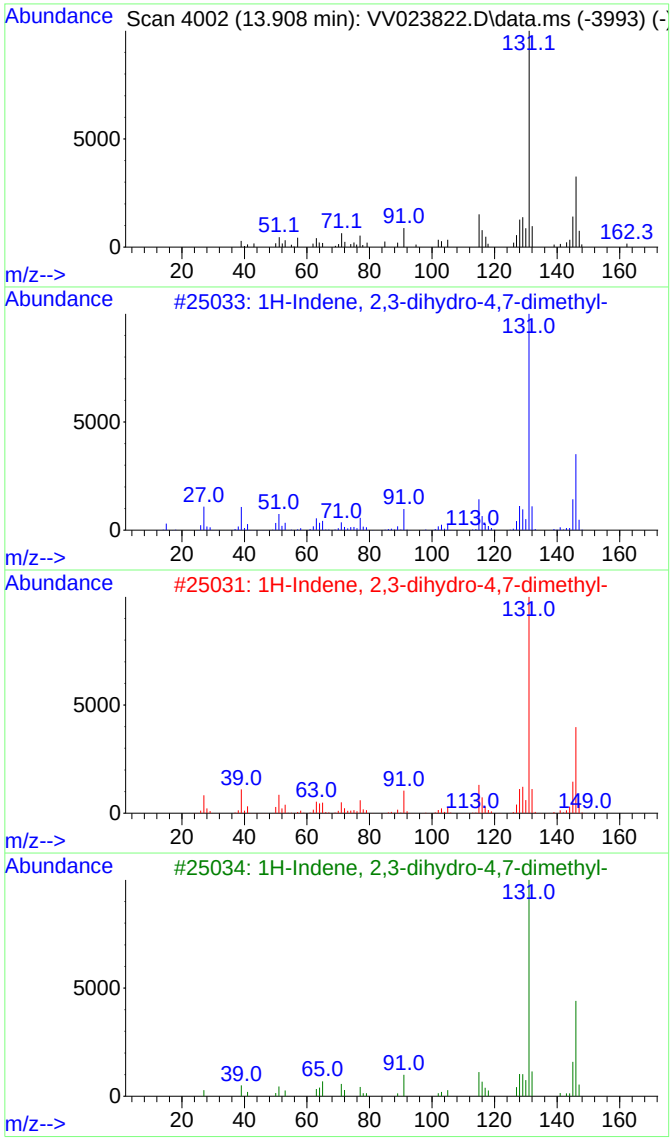
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

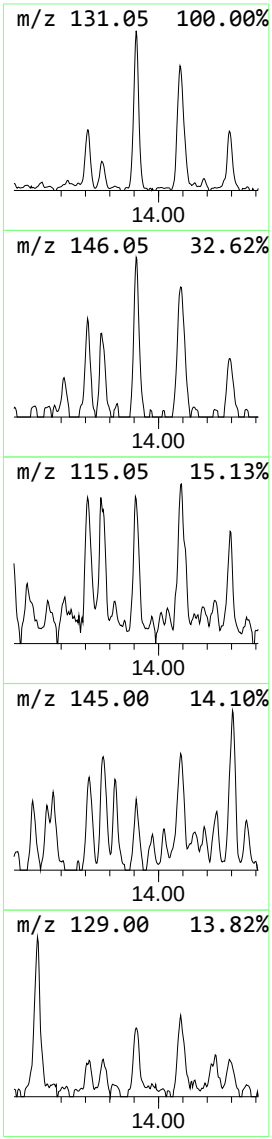
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.908	0.51 ug/L	48311	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	96
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023822.D
Acq On : 07 Dec 2021 14:55
Operator : SY/MD
Sample : M4879-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G20

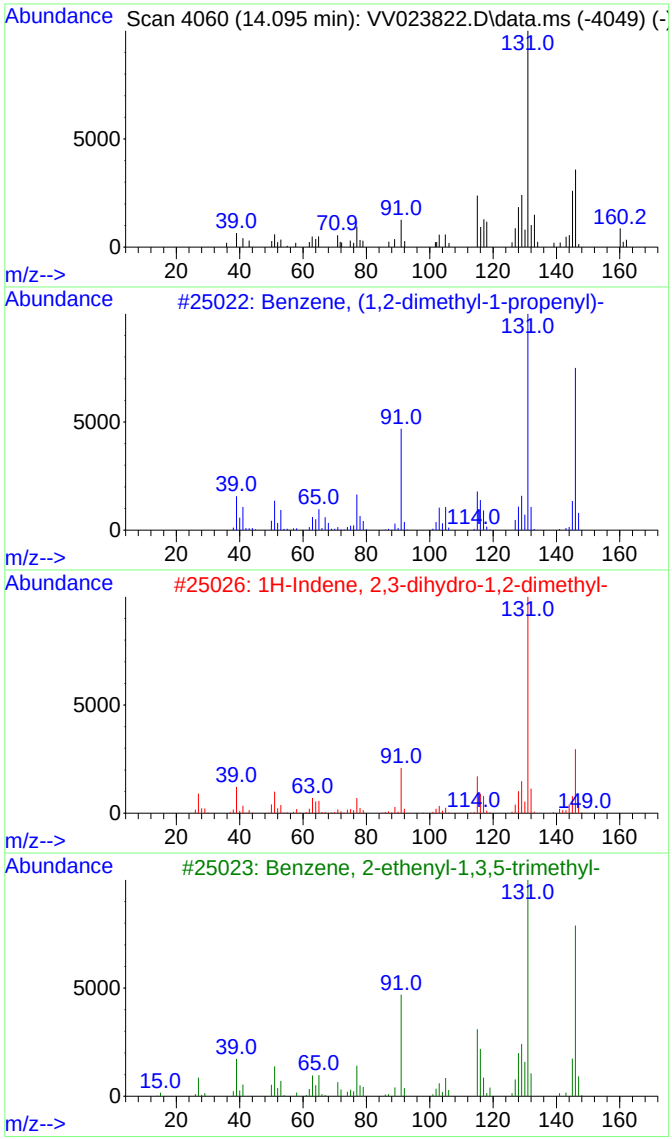
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

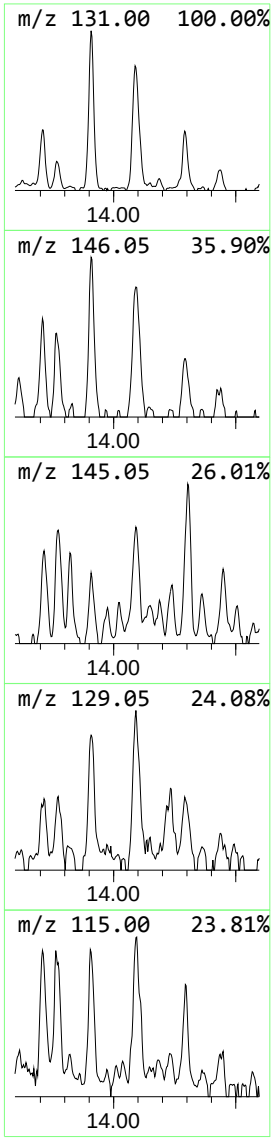
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.095	0.62 ug/L	59400	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	76
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	68
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	68
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023822.D
Acq On : 07 Dec 2021 14:55
Operator : SY/MD
Sample : M4879-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G20

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	1.108	20.5	ug/L	1601850	1	5.616	390397	5.0
(DEL) Alkane: S...	1.635	0.6	ug/L	50023	1	5.616	390397	5.0
(DEL) Alkane: S...	1.806	0.5	ug/L	39137	1	5.616	390397	5.0
(DEL) Alkane: S...	2.532	1.6	ug/L	123058	1	5.616	390397	5.0
2-Ethyl-oxetane	3.043	1.3	ug/L	100002	1	5.616	390397	5.0
(DEL) Alkane: C...	3.764	2.0	ug/L	158444	1	5.616	390397	5.0
(DEL) Alkane: S...	4.764	1.0	ug/L	75215	1	5.616	390397	5.0
(DEL) Alkane: S...	4.908	1.2	ug/L	95960	1	5.616	390397	5.0
(DEL) Alkane: S...	5.317	0.8	ug/L	60460	1	5.616	390397	5.0
(DEL) Alkane: S...	5.494	0.6	ug/L	48103	1	5.616	390397	5.0
Cyclohexene, 4-...	6.571	0.7	ug/L	54677	1	5.616	390397	5.0
Cyclopropane, t...	6.805	0.8	ug/L	59610	1	5.616	390397	5.0
Cyclohexene, 3-...	7.166	0.6	ug/L	43808	1	5.616	390397	5.0
(DEL) Alkane: C...	7.262	0.5	ug/L	43865	2	8.854	417753	5.0
Benzene, propyl-	10.352	1.7	ug/L	163812	3	11.249	475203	5.0
Benzene, 1-ethy...	10.445	9.9	ug/L	936643	3	11.249	475203	5.0
Benzene, 1-ethy...	10.738	4.0	ug/L	384230	3	11.249	475203	5.0
Indane	11.529	3.2	ug/L	307493	3	11.249	475203	5.0
Benzene, 1-meth...	11.574	1.4	ug/L	134145	3	11.249	475203	5.0
Benzene, 1-meth...	11.818	0.6	ug/L	55865	3	11.249	475203	5.0
Benzene, 2-ethy...	11.911	1.5	ug/L	141409	3	11.249	475203	5.0
Benzene, 4-ethy...	11.940	1.2	ug/L	110167	3	11.249	475203	5.0
Benzene, 1-ethy...	12.014	3.0	ug/L	285377	3	11.249	475203	5.0
Indan, 1-methyl-	12.114	3.1	ug/L	293117	3	11.249	475203	5.0
Benzene, 1-ethy...	12.313	0.7	ug/L	62816	3	11.249	475203	5.0
Benzene, 1,2,4,...	12.413	1.6	ug/L	156315	3	11.249	475203	5.0
Benzene, 1,2,3,...	12.464	2.5	ug/L	238430	3	11.249	475203	5.0
Benzene, 1-ethe...	12.725	2.0	ug/L	185181	3	11.249	475203	5.0
3-Phenylbut-1-ene	12.882	4.7	ug/L	445557	3	11.249	475203	5.0
Cycloprop[a]ind...	13.050	0.5	ug/L	49372	3	11.249	475203	5.0
Benzene, (3-met...	13.217	0.8	ug/L	81145	3	11.249	475203	5.0
1H-Indene, 2,3-...	13.268	1.1	ug/L	99730	3	11.249	475203	5.0
Azulene	13.503	0.8	ug/L	77173	3	11.249	475203	5.0
1H-Indene, 2,3-...	13.908	0.5	ug/L	48311	3	11.249	475203	5.0
Benzene, (1,2-d...	14.095	0.6	ug/L	59400	3	11.249	475203	5.0