LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120621\
Data File : VV023803.D
Acq On : 06 Dec 2021 17:20
Operator : SY/MD
Sample : M4879-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G68

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: VV023803.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.632	176	184	199	rVB	375635	462213	1.13%	0.163%
2	1.806	229	238	258	rVB	419005	540485	1.33%	0.191%
3	2.532	443	464	472	rBV	273444	597300	1.47%	0.211%
4	2.761	521	535	557	rVB	232783	461864	1.13%	0.163%
5	3.040	608	622	640	rBV	264241	517744	1.27%	0.183%
6	3.764	831	847	865	rBV	393754	966206	2.37%	0.341%
7	3.908	876	892	930	rVB2	780705	2012651	4.94%	0.710%
8	4.677	1115	1131	1145	rBV3	476199	1183741	2.90%	0.417%
9	4.908	1187	1203	1230	rBV	163118	444568	1.09%	0.157%
10	5.047	1230	1246	1258	rBV2	230856	573973	1.41%	0.202%
11	5.317	1318	1330	1347	rVB3	199120	485502	1.19%	0.171%
12	5.661	1432	1437	1461	rVB4	197761	451166	1.11%	0.159%
13	5.918	1503	1517	1550	rVB2	802944	2012421	4.94%	0.709%
14	6.130	1572	1583	1597	rVB3	408964	935259	2.29%	0.330%
15	6.567	1699	1719	1732	rBV7	170167	522969	1.28%	0.184%
16	6.802	1765	1792	1800	rBV3	135433	441175	1.08%	0.156%
17	7.165	1892	1905	1922	rVB5	200152	522518	1.28%	0.184%
18	7.387	1964	1974	1984	rBV	650526	1065844	2.61%	0.376%
19	7.844	2107	2116	2140	rVB	385055	745472	1.83%	0.263%
20	7.976	2142	2157	2182	rVB	560392	1034538	2.54%	0.365%
21	8.088	2182	2192	2201	rBV	357590	585021	1.43%	0.206%
22	8.854	2421	2430	2438	rBV	311720	471457	1.16%	0.166%
23	9.011	2468	2479	2499	rVB	8493169	13353363	32.75%	4.708%
24	9.140	2502	2519	2533	rVB	11619782	18869374	46.28%	6.652%
25	9.542	2634	2644	2659	rVB	2716156	4178183	10.25%	1.473%
26	9.931	2754	2765	2782	rBV	1040961	1632965	4.01%	0.576%
27	10.352	2884	2896	2910	rBV	4163943	6243729	15.31%	2.201%
28	10.452	2911	2927	2931	rBV	8844264	14351699	35.20%	5.060%
29	10.542	2944	2955	2968	rVB	7225490	10634236	26.08%	3.749%
30	10.738	3004	3016	3044	rBV	6017542	9387241	23.02%	3.309%
31	10.921	3059	3073	3087	rBV	25913004	40770514	100.00%	14.374%
32	11.056	3102	3115	3119	rBV2	264531	432276	1.06%	0.152%
33	11.088	3120	3125	3139	rVB	389927	588095	1.44%	0.207%
34	11.194	3149	3158	3165	rBV	280253	418125	1.03%	0.147%
35	11.246	3165	3174	3188	rVB3	488405	837138	2.05%	0.295%
36	11.336	3191	3202	3213	rBV	2400663	3594906	8.82%	1.267%

LSC Area Percent Report

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Acq On : 06 Dec 2021 17:20
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Sample : M4879-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G68

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	11.532	3249	3263	3273	rBV2	9050822	17325860	42.50%	6.108%
38	11.638	3284	3296	3312	rVB3	3417645	7146394	17.53%	2.519%
39	11.744	3319	3329	3342	rVB	583213	952380	2.34%	0.336%
40	11.818	3342	3352	3362	rBV	534046	806106	1.98%	0.284%
41	11.911	3371	3381	3386	rBV	2304646	3392751	8.32%	1.196%
42	11.940	3387	3390	3401	rVB	1551534	1968055	4.83%	0.694%
43	12.021	3401	3415	3434	rBV2	8381137	15418789	37.82%	5.436%
44	12.117	3434	3445	3466	rBV	6231109	10358462	25.41%	3.652%
45	12.307	3495	3504	3517	rVB5	404694	844732	2.07%	0.298%
46	12.413	3518	3537	3546	rBV	5123531	7802263	19.14%	2.751%
47	12.468	3546	3554	3569	rVB	4319412	6389413	15.67%	2.253%
48	12.551	3569	3580	3587	rBV	1315792	1937181	4.75%	0.683%
49	12.683	3604	3621	3626	rBV4	613532	1410004	3.46%	0.497%
50	12.725	3626	3634	3651	rVB	4628123	7248126	17.78%	2.555%
51	12.886	3663	3684	3693	rBV2	9706711	16391651	40.20%	5.779%
52	12.947	3693	3703	3712	rVV3	917618	2101498	5.15%	0.741%
53	13.001	3712	3720	3727	rVV	1034737	1436935	3.52%	0.507%
54	13.049	3727	3735	3745	rVB3	1032871	1684175	4.13%	0.594%
55	13.165	3762	3771	3778	rBV	572876	894679	2.19%	0.315%
56	13.217	3778	3787	3795	rVB	1788605	2701889	6.63%	0.953%
57	13.271	3795	3804	3812	rBV2	2723139	4136908	10.15%	1.458%
58	13.336	3819	3824	3828	rBV	541126	641637	1.57%	0.226%
59	13.368	3828	3834	3841	rVV	1483011	1952366	4.79%	0.688%
60	13.400	3841	3844	3856	rVB	773496	959547	2.35%	0.338%
61	13.500	3857	3875	3885	rBV	3120915	5241568	12.86%	1.848%
62	13.612	3901	3910	3919	rBV6	429482	749398	1.84%	0.264%
63	13.709	3931	3940	3950	rBV3	1013580	1866807	4.58%	0.658%
64	13.770	3951	3959	3968	rVV3	829218	1424009	3.49%	0.502%
65	13.821	3968	3975	3991	rVB3	313667	561943	1.38%	0.198%
66	13.908	3992	4002	4015	rVB	1296204	1956458	4.80%	0.690%
67	14.037	4028	4042	4049	rBV4	218291	449428	1.10%	0.158%
68	14.091	4049	4059	4071	rBV2	1217091	2535626	6.22%	0.894%
69	14.236	4096	4104	4113	rBV2	449101	720229	1.77%	0.254%
70	14.297	4114	4123	4135	rVB4	814469	1614593	3.96%	0.569%
71	14.435	4155	4166	4180	rBV4	428355	964935	2.37%	0.340%
72	14.628	4215	4226	4236	rVV3	902595	1789958	4.39%	0.631%
73	14.815	4275	4284	4296	rVB2	1018901	1682030	4.13%	0.593%
74	15.339	4432	4447	4463	rVB2	263372	626645	1.54%	0.221%
75	15.554	4505	4514	4522	rBV4	319724	549895	1.35%	0.194%
76	15.664	4535	4548	4570	rBV	684886	1298149	3.18%	0.458%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120621\
Data File : VV023803.D
Acq On : 06 Dec 2021 17:20
Operator : SY/MD
Sample : M4879-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G68

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	15.811	4585	4594	4600	rBV	566630	883913	2.17%	0.312%
78	15.847	4601	4605	4622	rVB	339720	505458	1.24%	0.178%

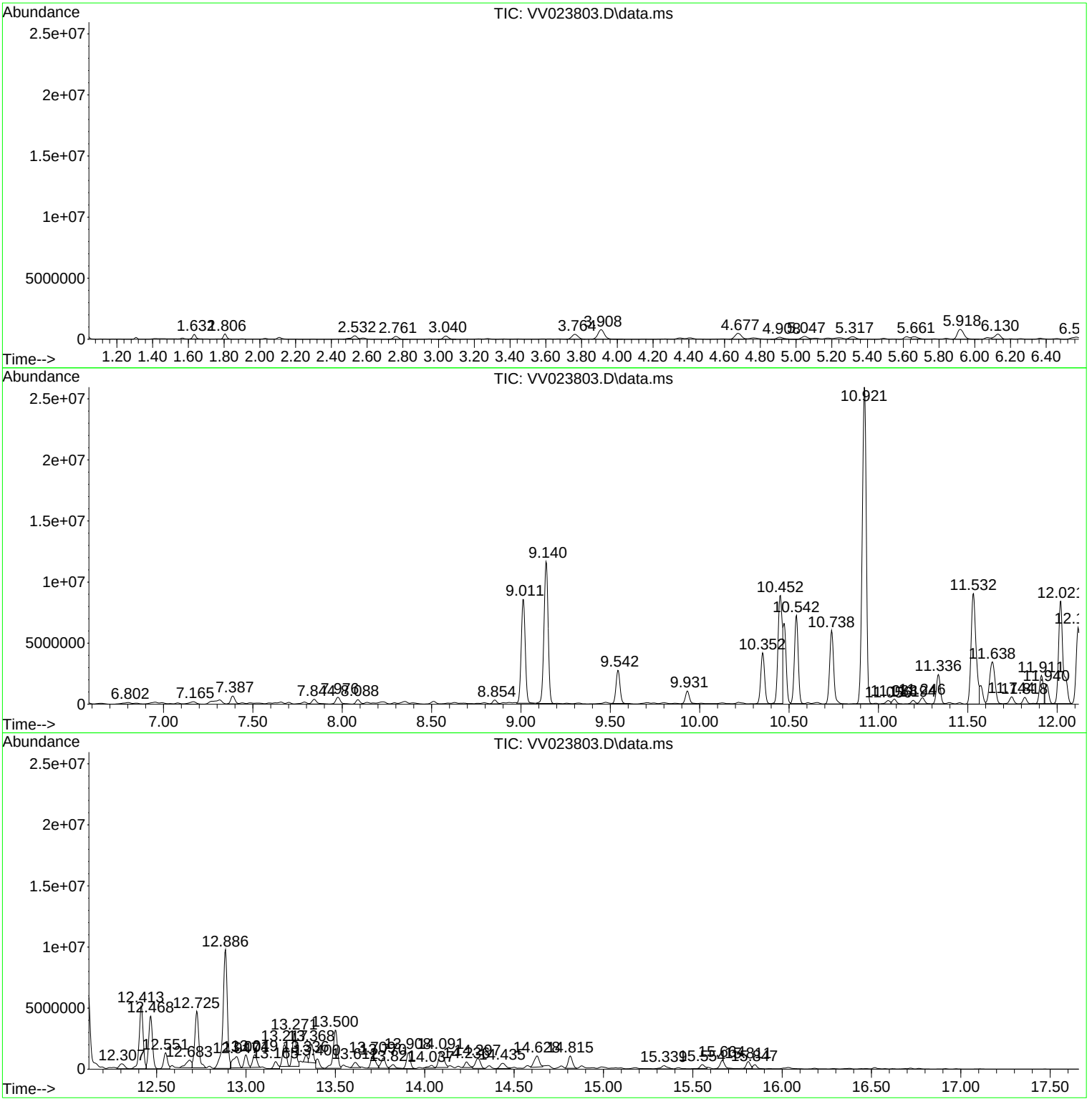
Sum of corrected areas: 283648774

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120621\
Data File : VV023803.D
Acq On : 06 Dec 2021 17:20
Operator : SY/MD
Sample : M4879-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G68

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\VV120621\
Data File : VV023803.D
Acq On : 06 Dec 2021 17:20
Operator : SY/MD
Sample : M4879-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G68

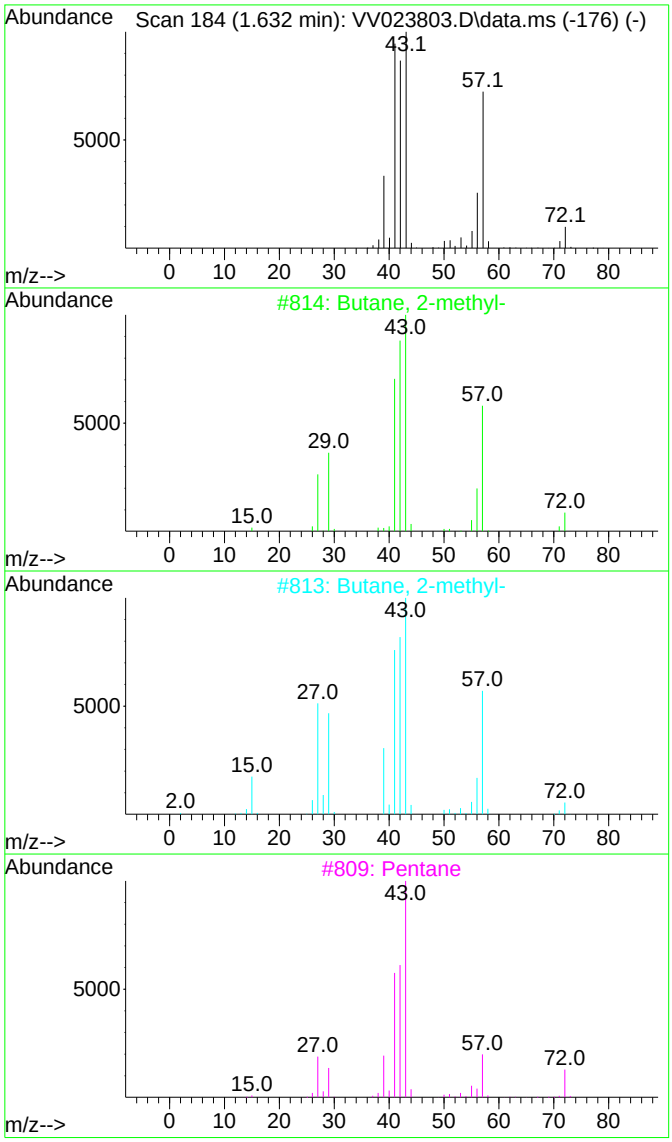
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

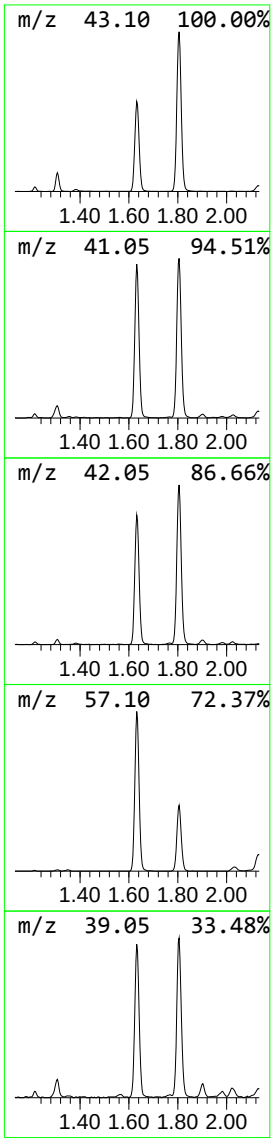
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.632	5.12 ug/L	462213	1,4-Difluorobenzene	5.619

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	80
3	Pentane	72	C5H12	000109-66-0	33
4	3-Buten-1-ol	72	C4H8O	000627-27-0	28
5	Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120621\
Data File : VV023803.D
Acq On : 06 Dec 2021 17:20
Operator : SY/MD
Sample : M4879-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G68

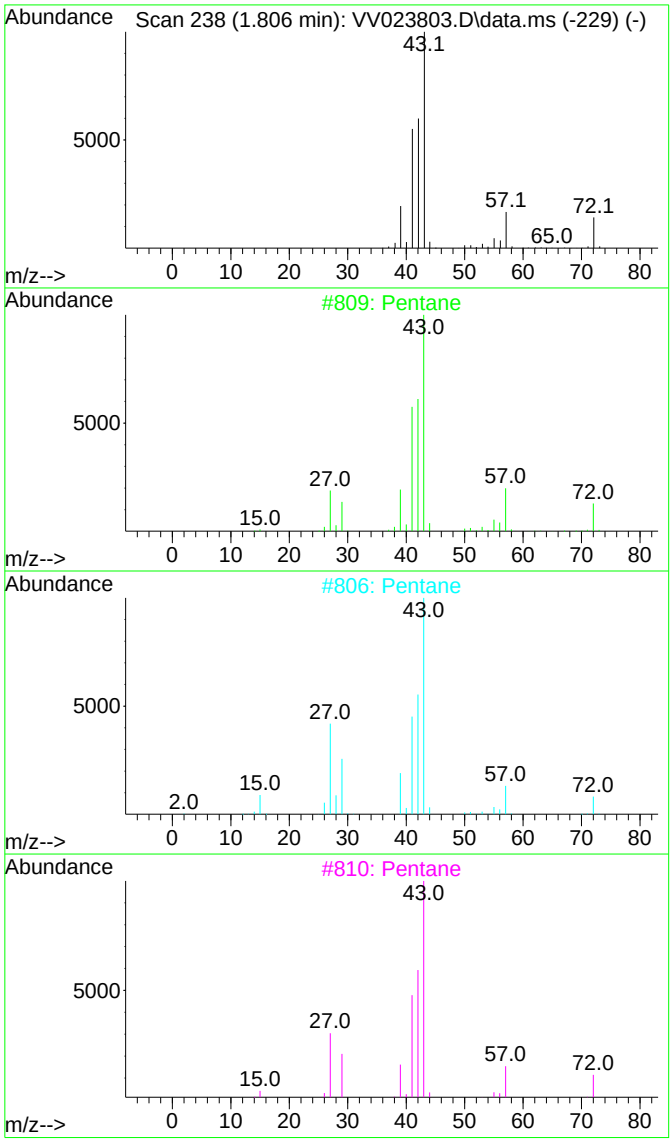
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

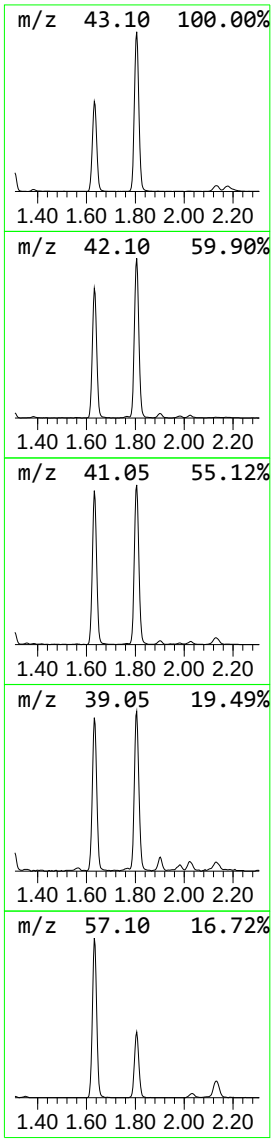
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.806	5.99 ug/L	540485	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	Pentane	72	C5H12	000109-66-0	86
3	Pentane	72	C5H12	000109-66-0	86
4	Pentane	72	C5H12	000109-66-0	86
5	Pentane	72	C5H12	000109-66-0	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120621\
Data File : VV023803.D
Acq On : 06 Dec 2021 17:20
Operator : SY/MD
Sample : M4879-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G68

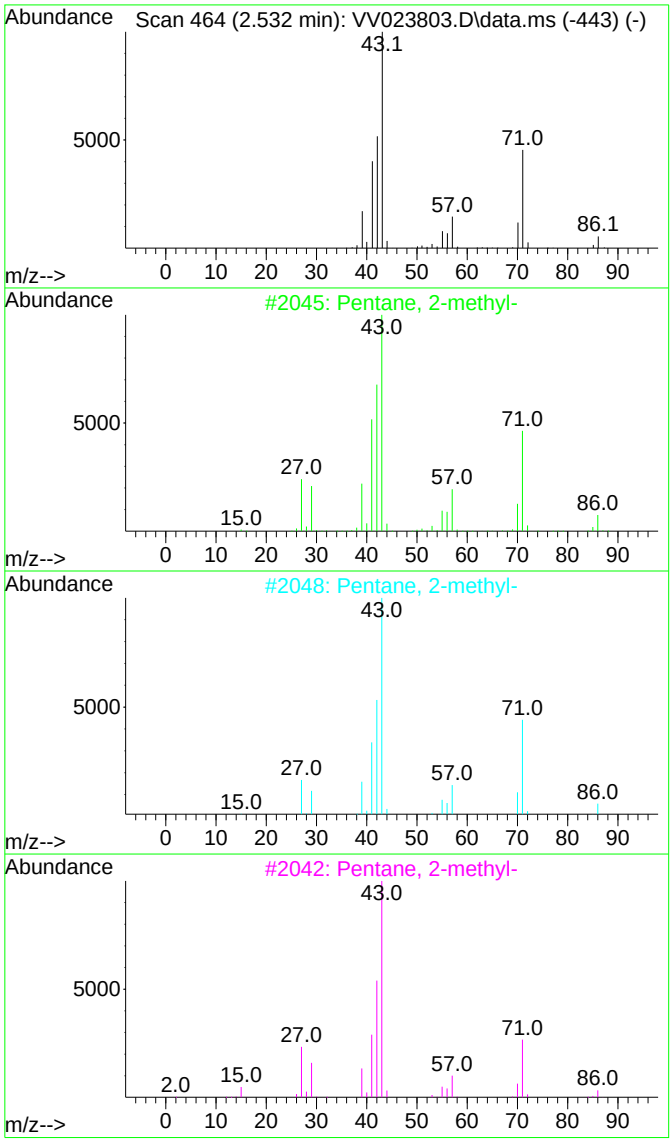
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

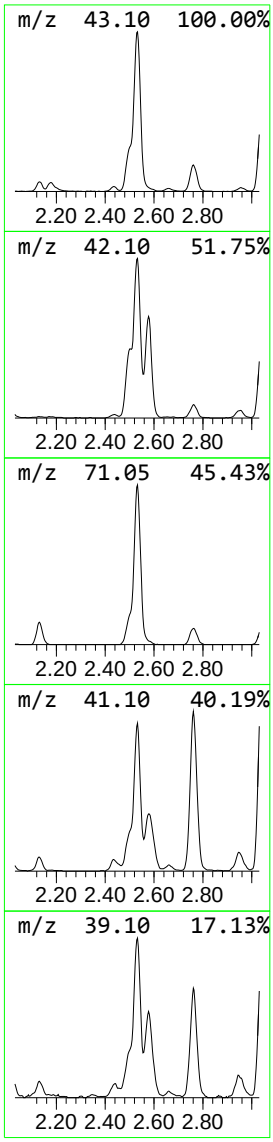
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.532	6.62 ug/L	597300	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	94
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	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120621\
Data File : VV023803.D
Acq On : 06 Dec 2021 17:20
Operator : SY/MD
Sample : M4879-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G68

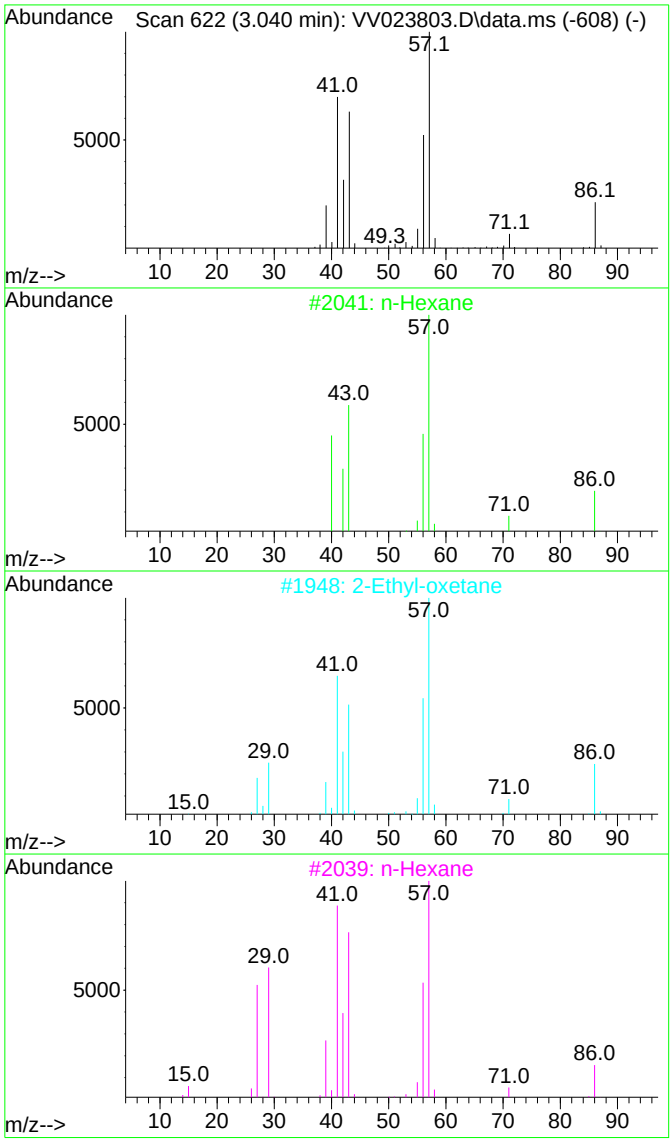
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

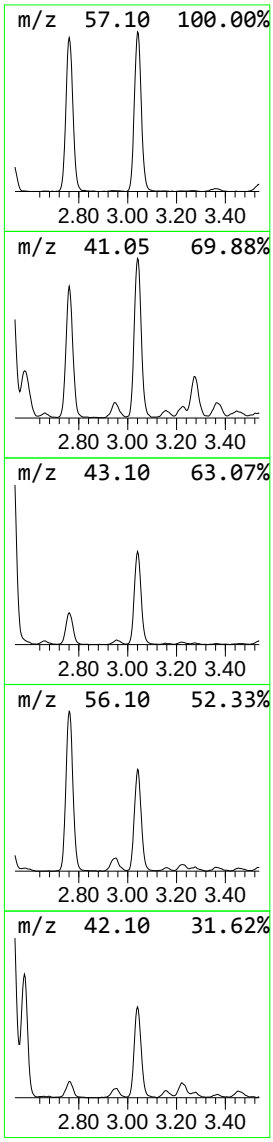
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.040	5.74 ug/L	517744	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	87
2	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	86
3	n-Hexane	86	C6H14	000110-54-3	78
4	n-Hexane	86	C6H14	000110-54-3	78
5	n-Hexane	86	C6H14	000110-54-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120621\
Data File : VV023803.D
Acq On : 06 Dec 2021 17:20
Operator : SY/MD
Sample : M4879-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G68

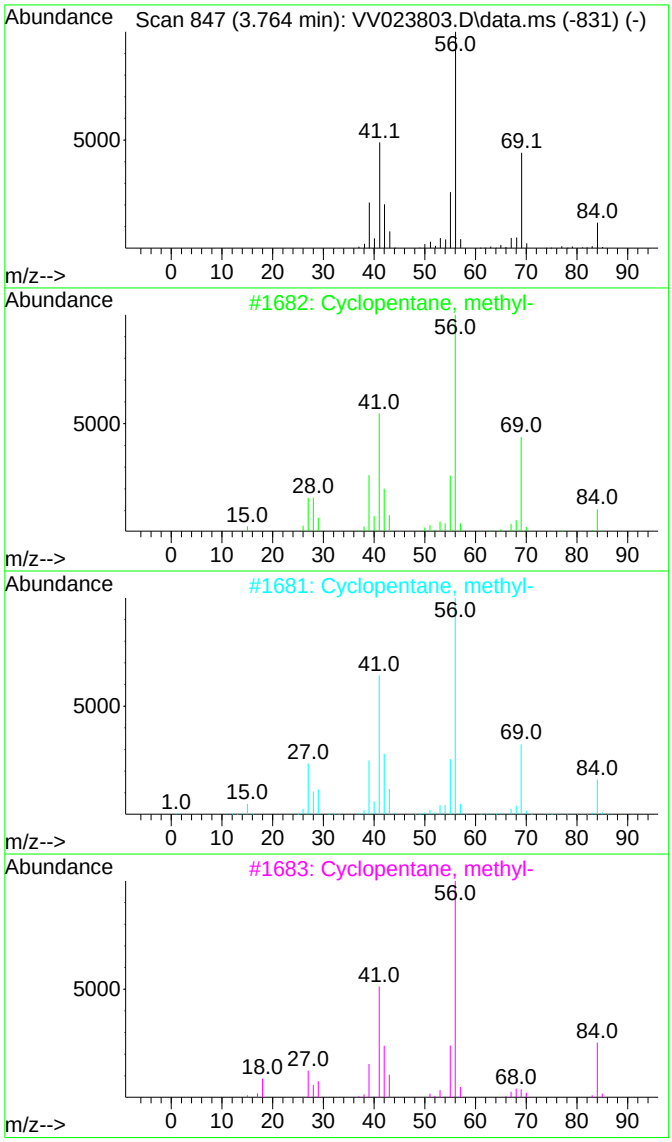
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

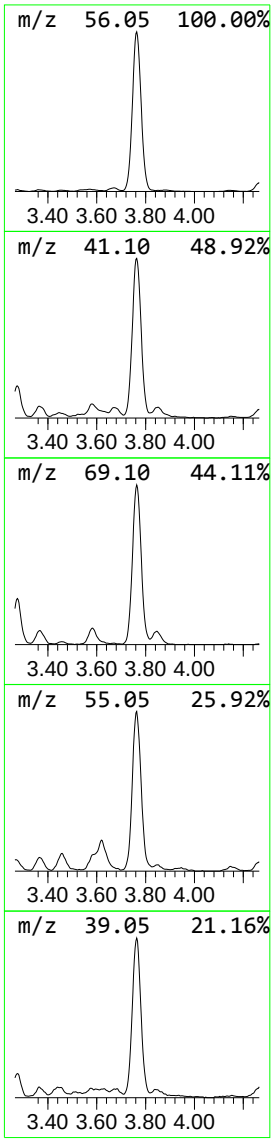
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic3.764 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.764	10.71 ug/L	966206	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
4	Cyclohexane	84	C6H12	000110-82-7	78
5	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120621\
Data File : VV023803.D
Acq On : 06 Dec 2021 17:20
Operator : SY/MD
Sample : M4879-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G68

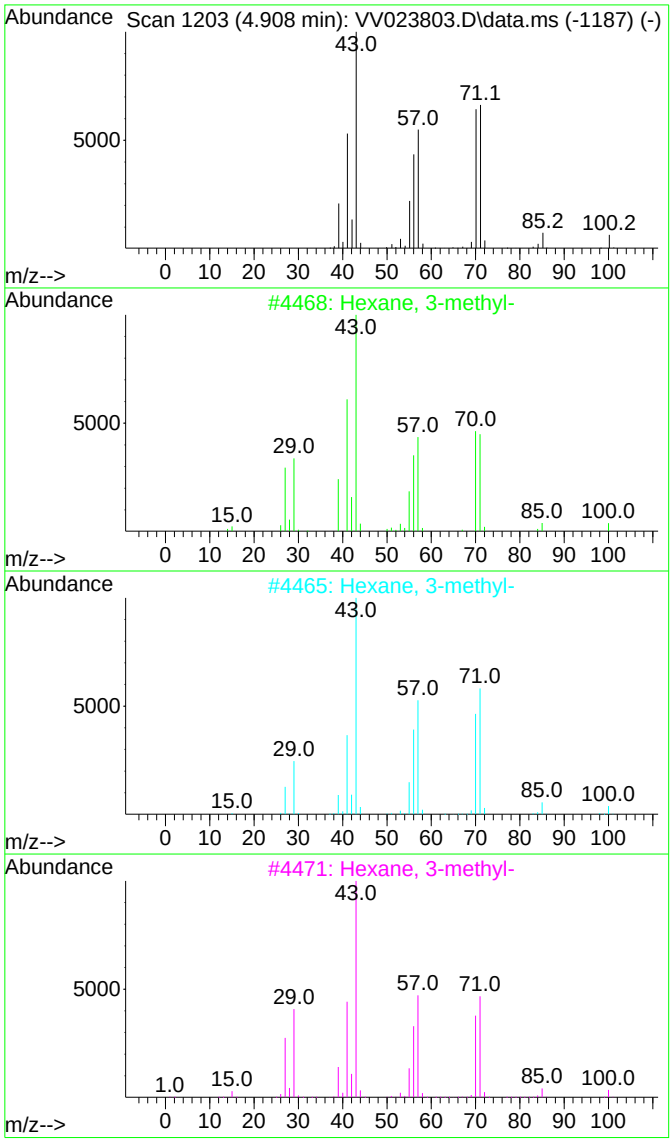
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

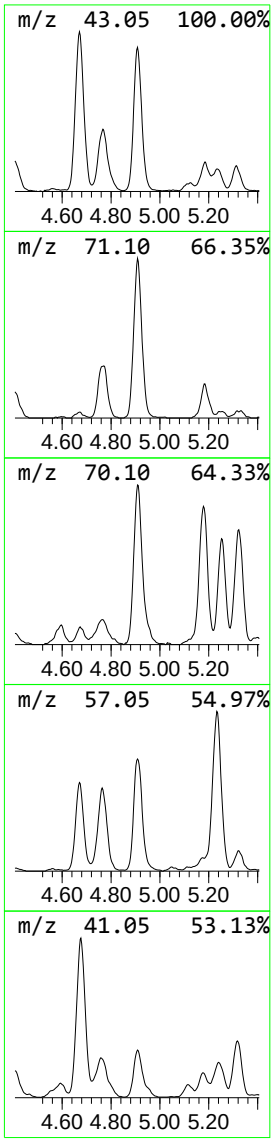
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.908	4.93 ug/L	444568	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	87
4	Heptane	100	C7H16	000142-82-5	80
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120621\
Data File : VV023803.D
Acq On : 06 Dec 2021 17:20
Operator : SY/MD
Sample : M4879-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G68

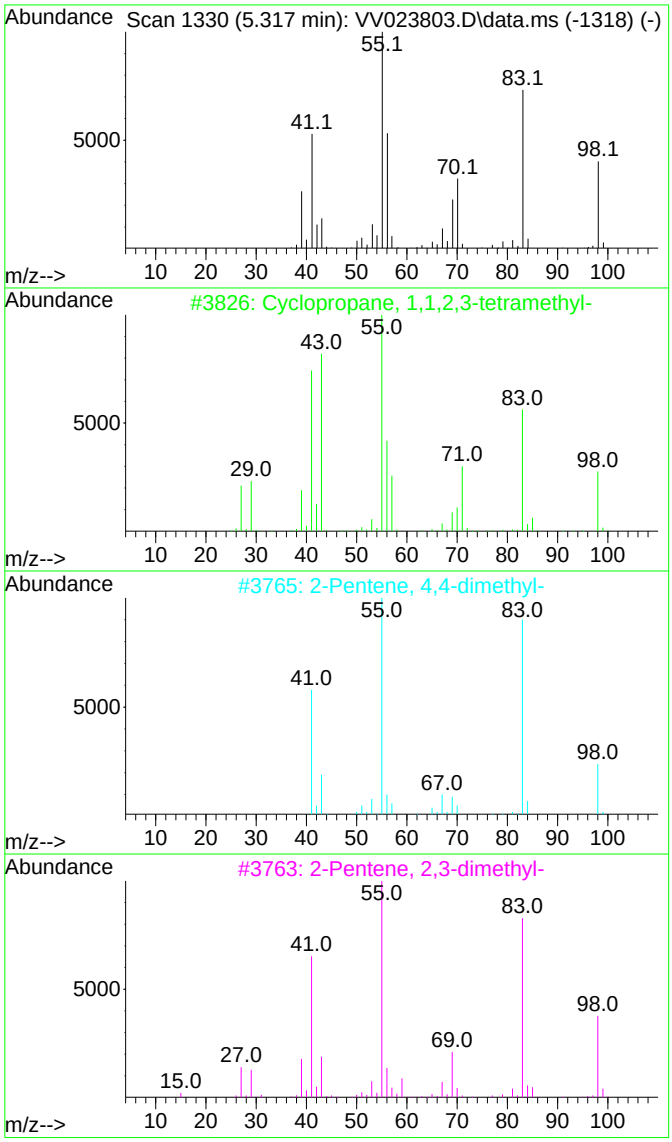
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

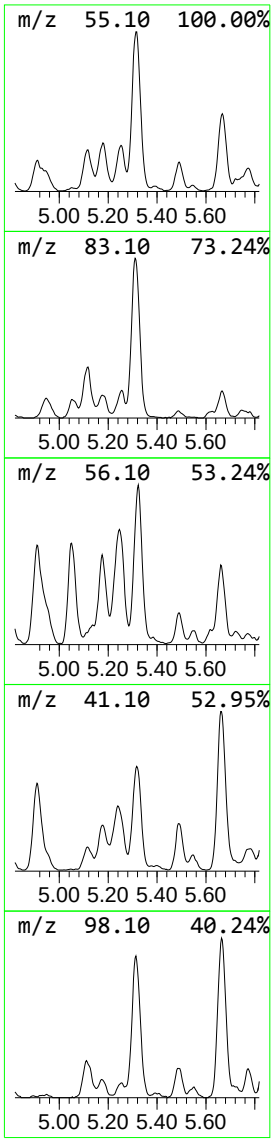
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic5.317 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.317	5.38 ug/L	485502	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,1,2,3-tetramethyl-	98	C7H14	074752-93-5	78
2	2-Pentene, 4,4-dimethyl-	98	C7H14	026232-98-4	76
3	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	64
4	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	64
5	Cyclohexane, methyl-	98	C7H14	000108-87-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120621\
Data File : VV023803.D
Acq On : 06 Dec 2021 17:20
Operator : SY/MD
Sample : M4879-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G68

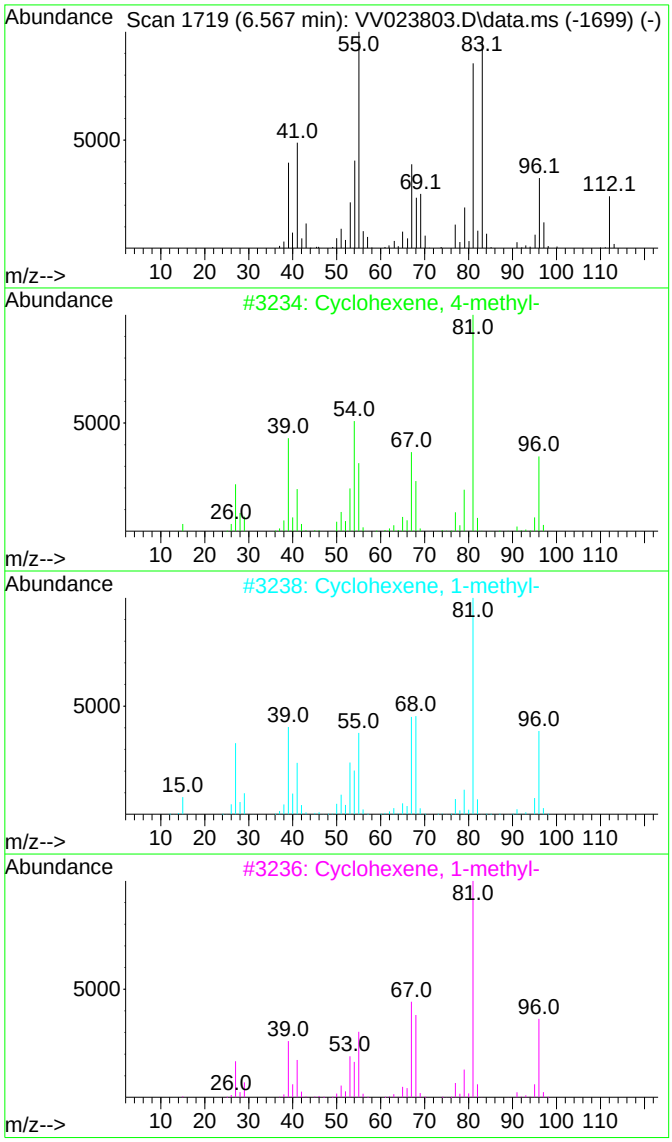
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

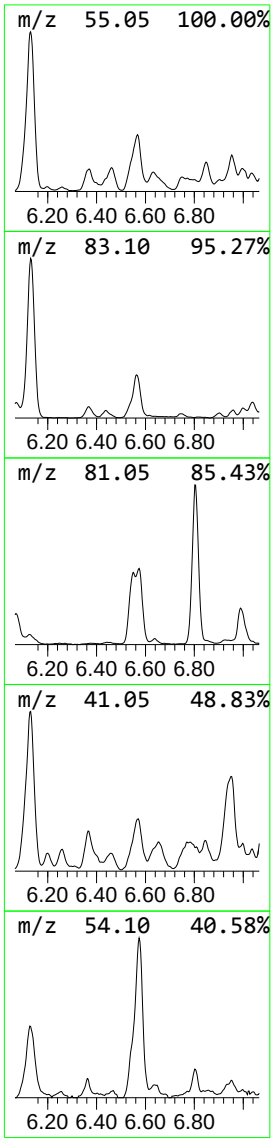
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Cyclohexene, 4-methyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.567	5.80 ug/L	522969	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	92
2	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	50
3	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	43
4	2,4-Hexadiene, 3-methyl-	96	C7H12	028823-42-9	42
5	2-Hexene, 2,3-dimethyl-	112	C8H16	007145-20-2	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120621\
Data File : VV023803.D
Acq On : 06 Dec 2021 17:20
Operator : SY/MD
Sample : M4879-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G68

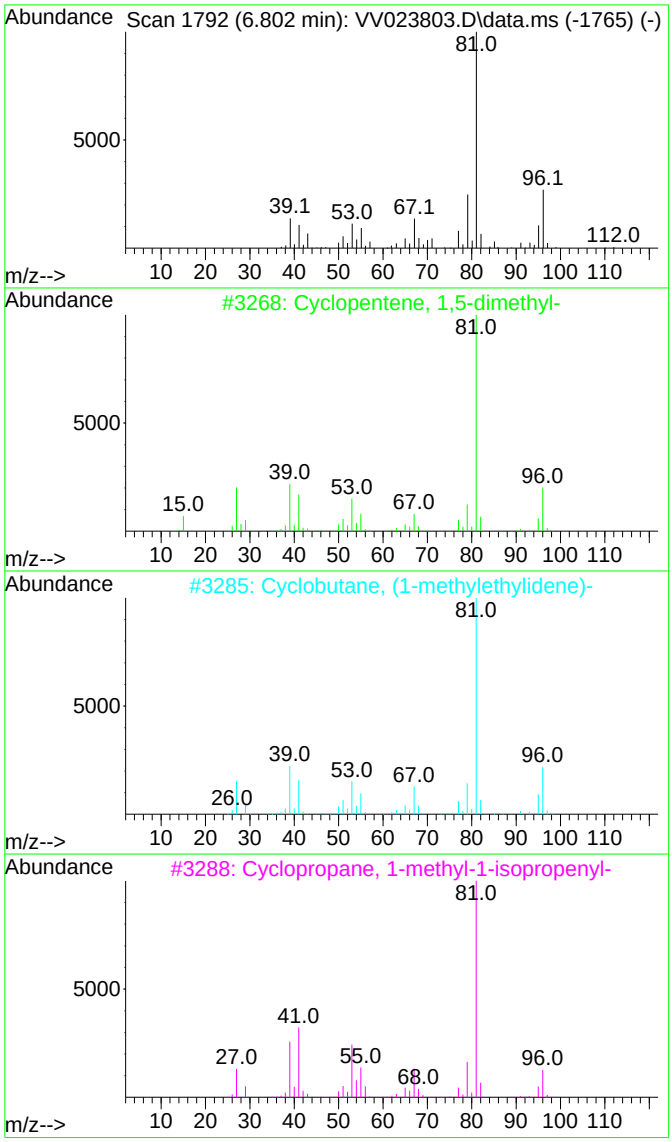
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

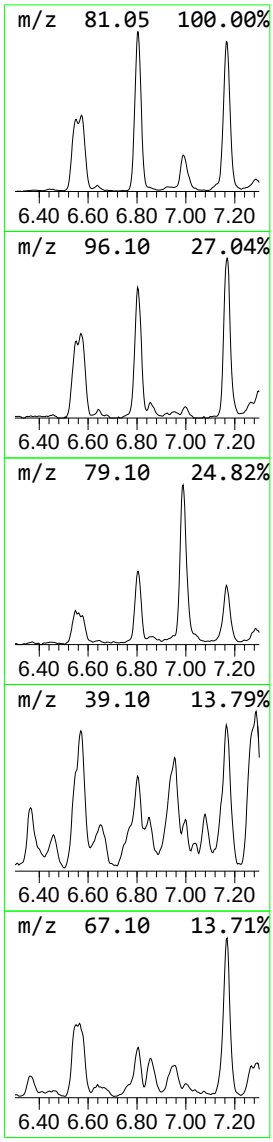
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclopentene, 1,5-dimethyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.802	4.89 ug/L	441175	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	87
2	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	87
3	Cyclopropane, 1-methyl-1-isoprop...	96	C7H12	003422-07-9	86
4	3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	78
5	2,4-Hexadiene, 3-methyl-	96	C7H12	028823-42-9	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120621\
Data File : VV023803.D
Acq On : 06 Dec 2021 17:20
Operator : SY/MD
Sample : M4879-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G68

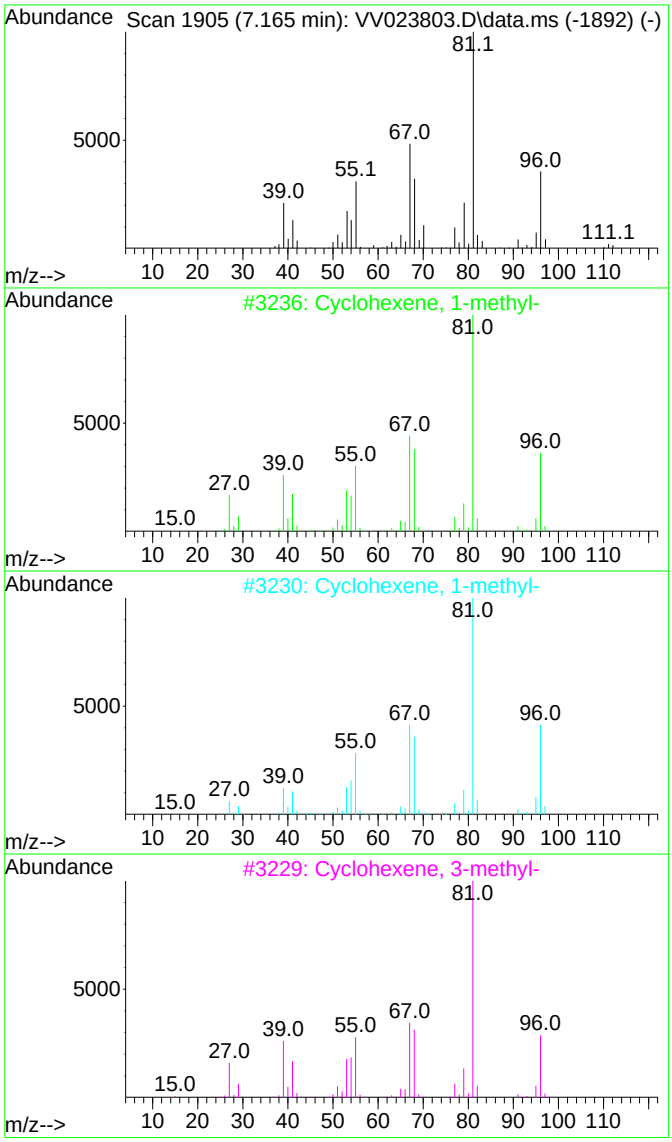
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

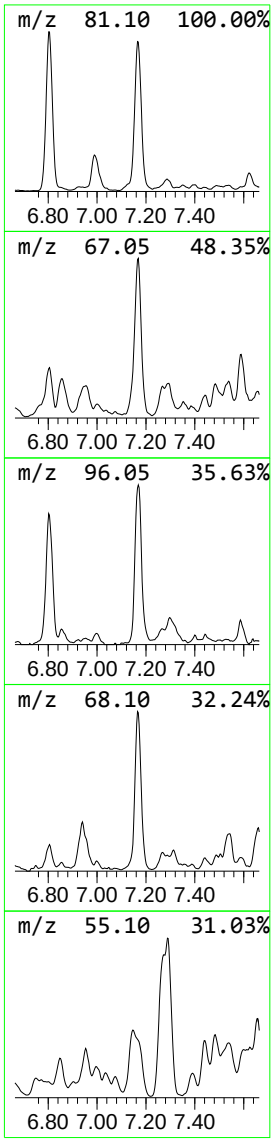
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclohexene, 1-methyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.165	5.79 ug/L	522518	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	93
2	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	93
3	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	76
4	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	74
5	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120621\
Data File : VV023803.D
Acq On : 06 Dec 2021 17:20
Operator : SY/MD
Sample : M4879-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G68

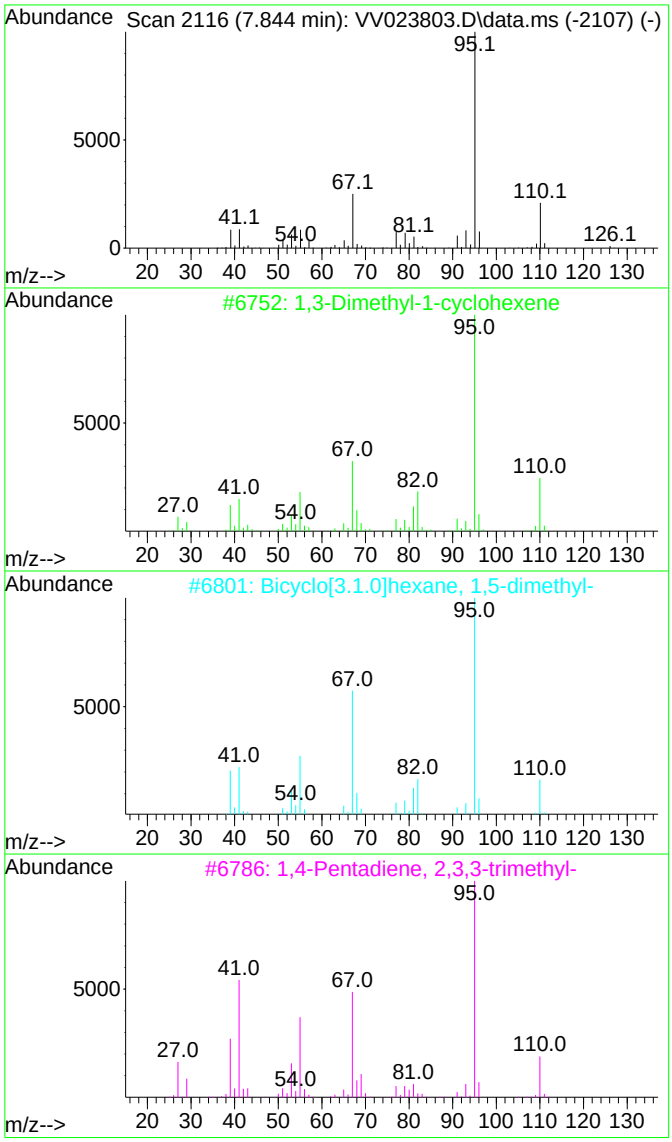
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

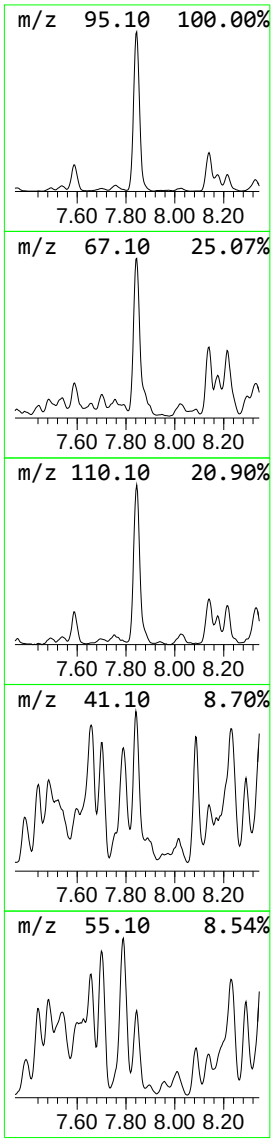
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1,3-Dimethyl-1-cyclohexene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.844	7.91 ug/L	745472	Chlorobenzene-d5	8.854

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	91
2	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1010142-17-5	90
3	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	90
4	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	87
5	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120621\
Data File : VV023803.D
Acq On : 06 Dec 2021 17:20
Operator : SY/MD
Sample : M4879-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G68

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

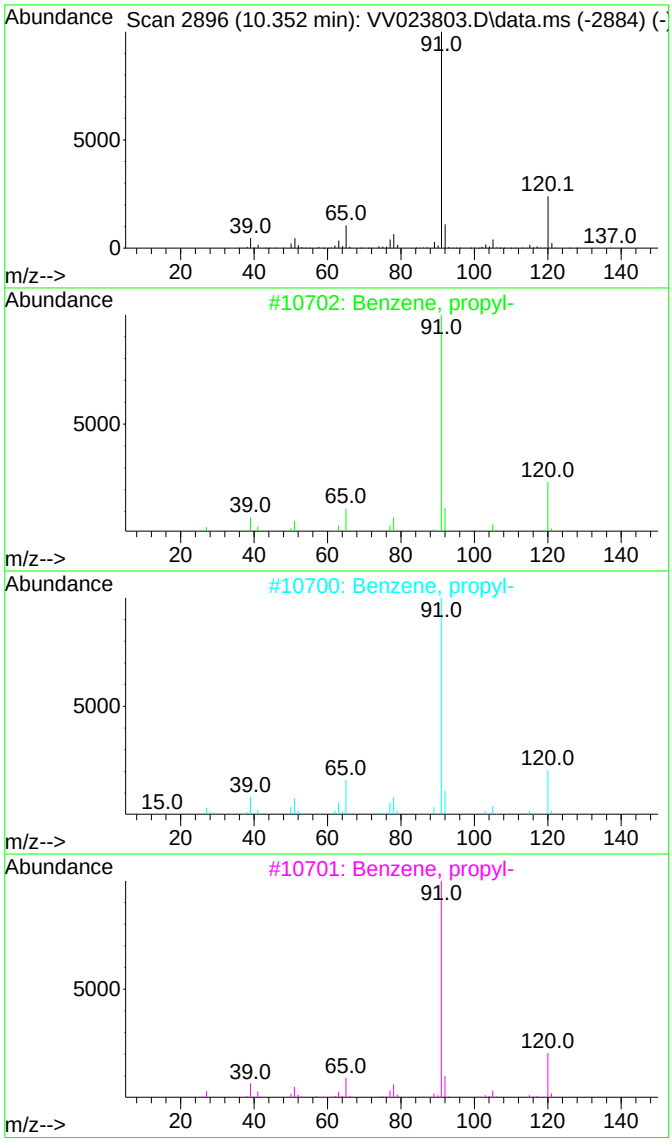
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

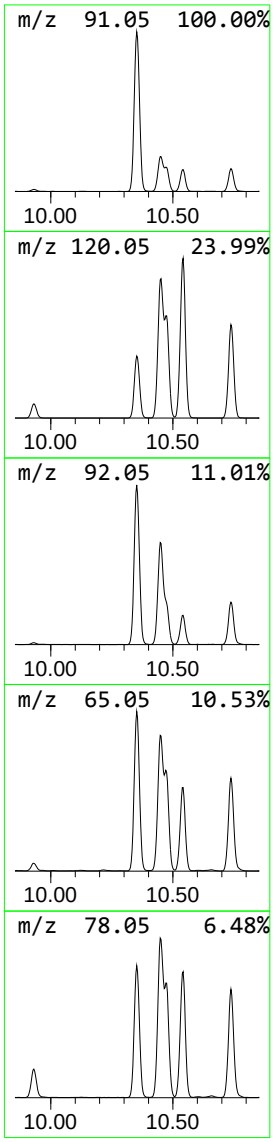
****

Peak Number 12 Benzene, propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.352	37.29 ug/L	6243730	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	94
2	Benzene, propyl-	120	C9H12	000103-65-1	91
3	Benzene, propyl-	120	C9H12	000103-65-1	90
4	Benzene, propyl-	120	C9H12	000103-65-1	90
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120621\
Data File : VV023803.D
Acq On : 06 Dec 2021 17:20
Operator : SY/MD
Sample : M4879-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G68

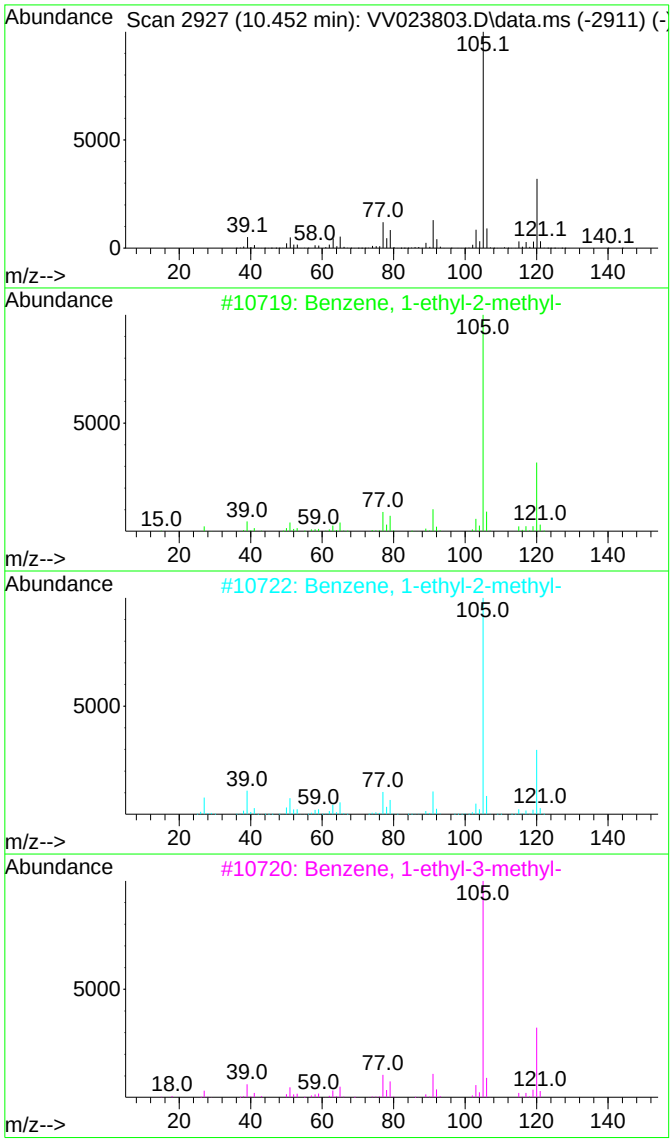
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

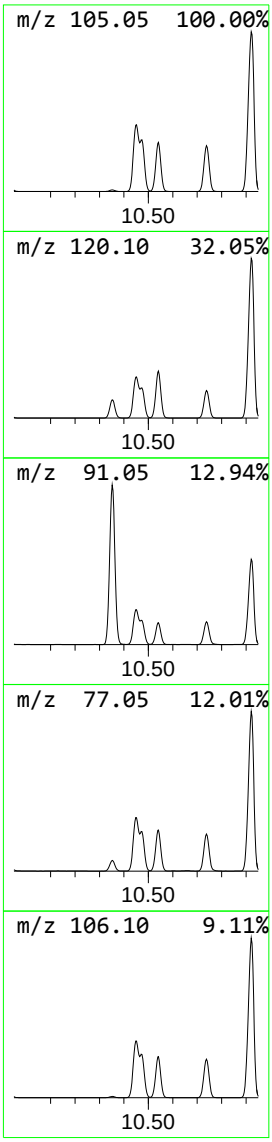
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.451	85.72 ug/L	14351700	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	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120621\
Data File : VV023803.D
Acq On : 06 Dec 2021 17:20
Operator : SY/MD
Sample : M4879-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G68

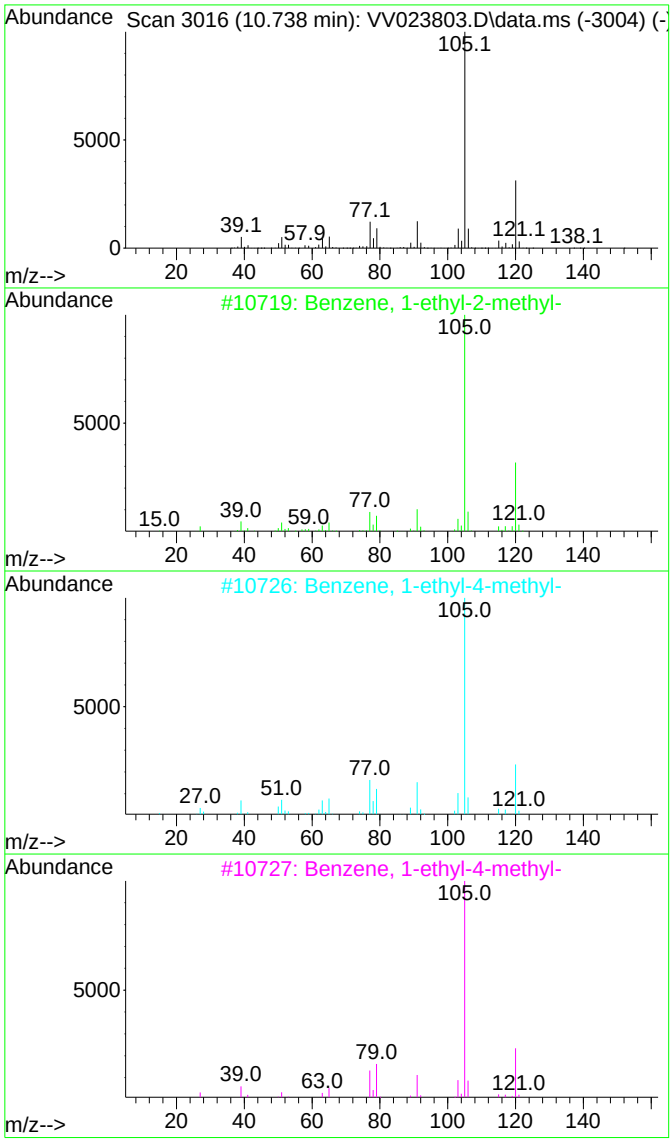
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

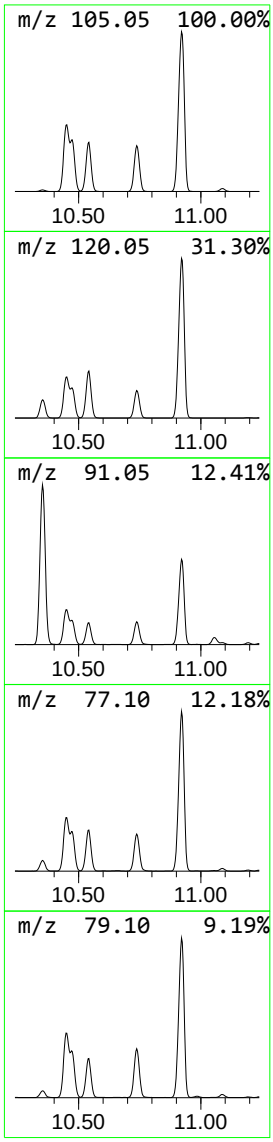
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1-ethyl-4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.738	56.07 ug/L	9387240	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-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
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_V\Data\VV120621\
Data File : VV023803.D
Acq On : 06 Dec 2021 17:20
Operator : SY/MD
Sample : M4879-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G68

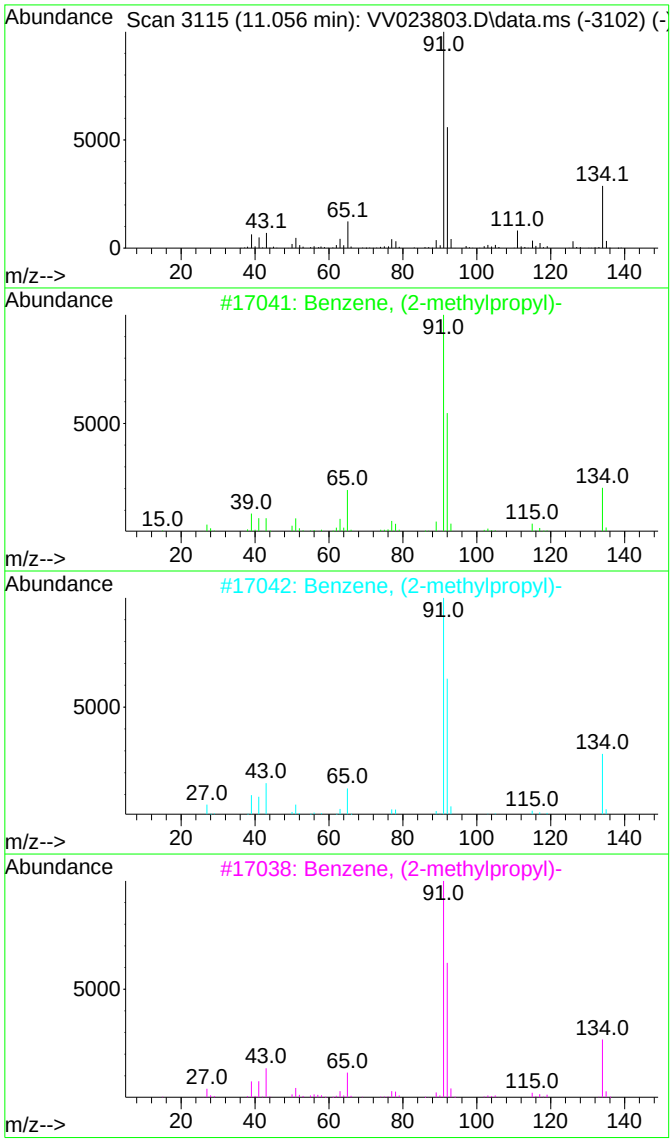
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

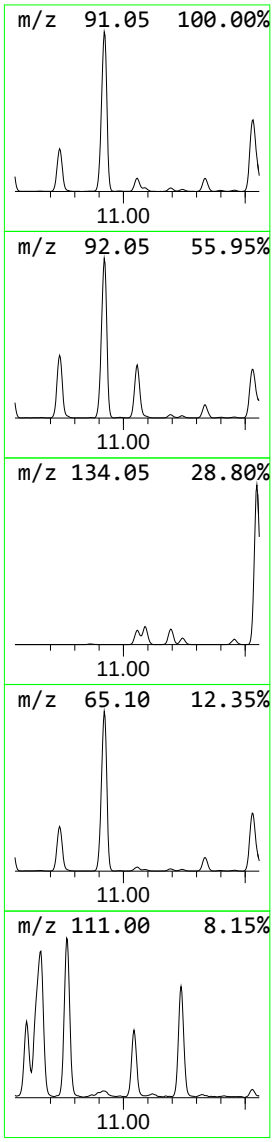
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, (2-methylpropyl)- Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.056	2.58 ug/L	432276	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	93
2	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	90
3	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	90
4	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	90
5	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120621\
Data File : VV023803.D
Acq On : 06 Dec 2021 17:20
Operator : SY/MD
Sample : M4879-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G68

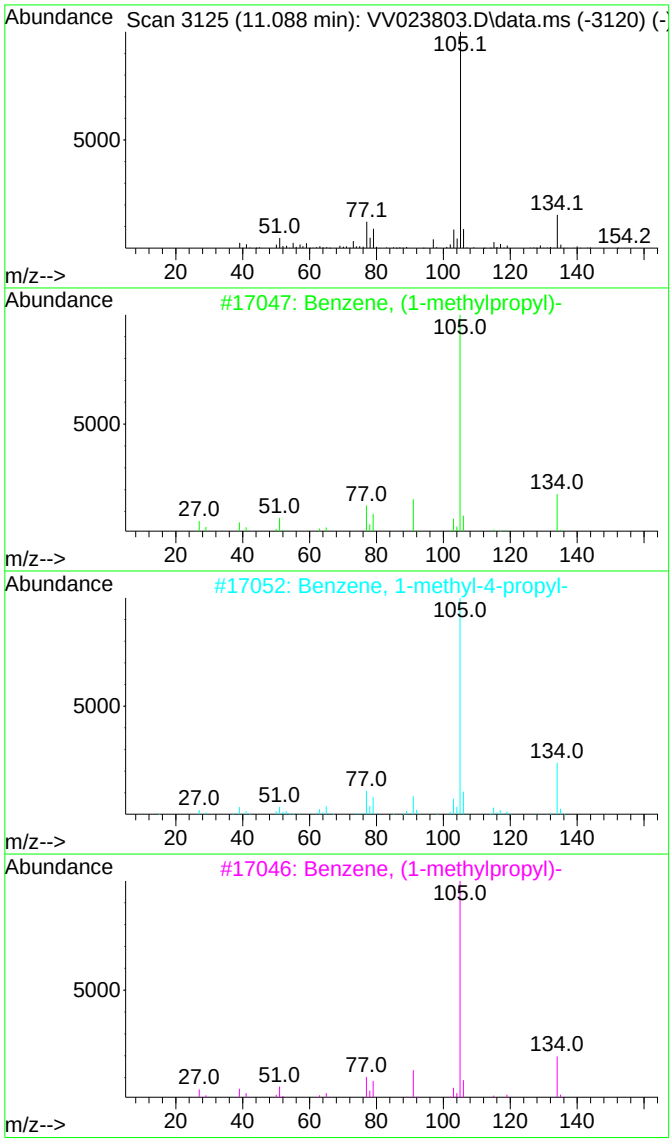
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

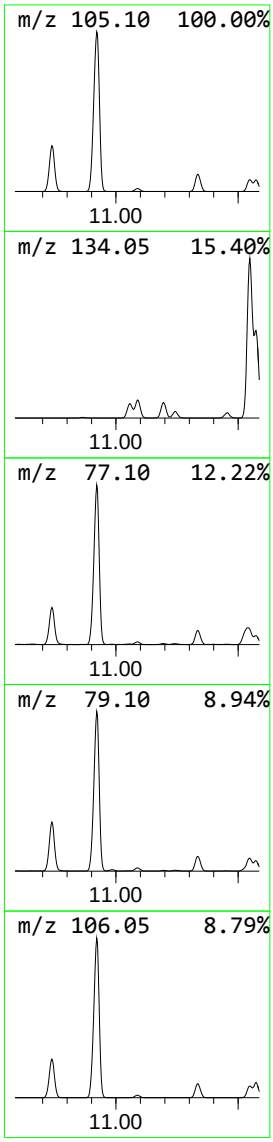
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, (1-methylpropyl)- Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.088	3.51 ug/L	588095	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	83
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	83
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	80
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	72
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120621\
Data File : VV023803.D
Acq On : 06 Dec 2021 17:20
Operator : SY/MD
Sample : M4879-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G68

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

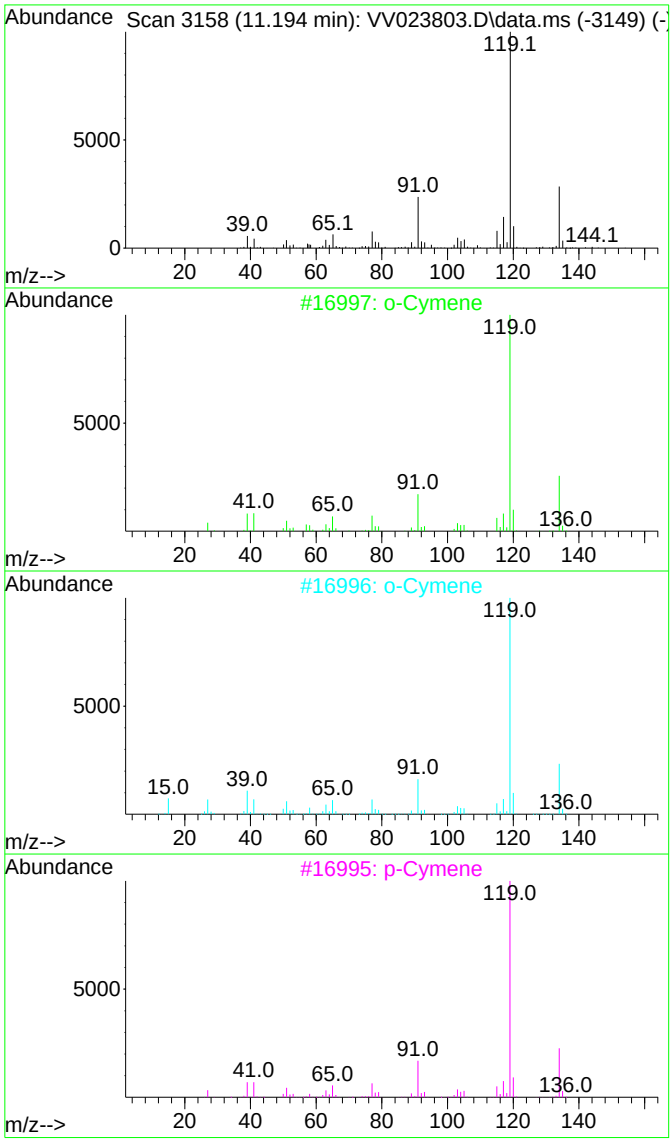
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

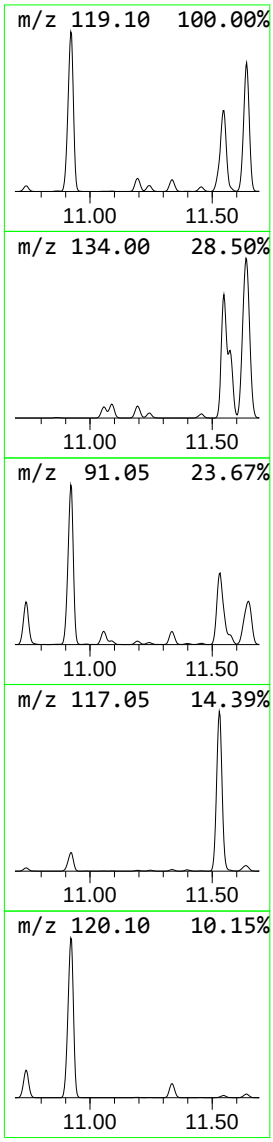
****

Peak Number 17 o-Cymene Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.194	2.50 ug/L	418125	1,4-Dichlorobenzene-d4	11.249

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120621\
Data File : VV023803.D
Acq On : 06 Dec 2021 17:20
Operator : SY/MD
Sample : M4879-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G68

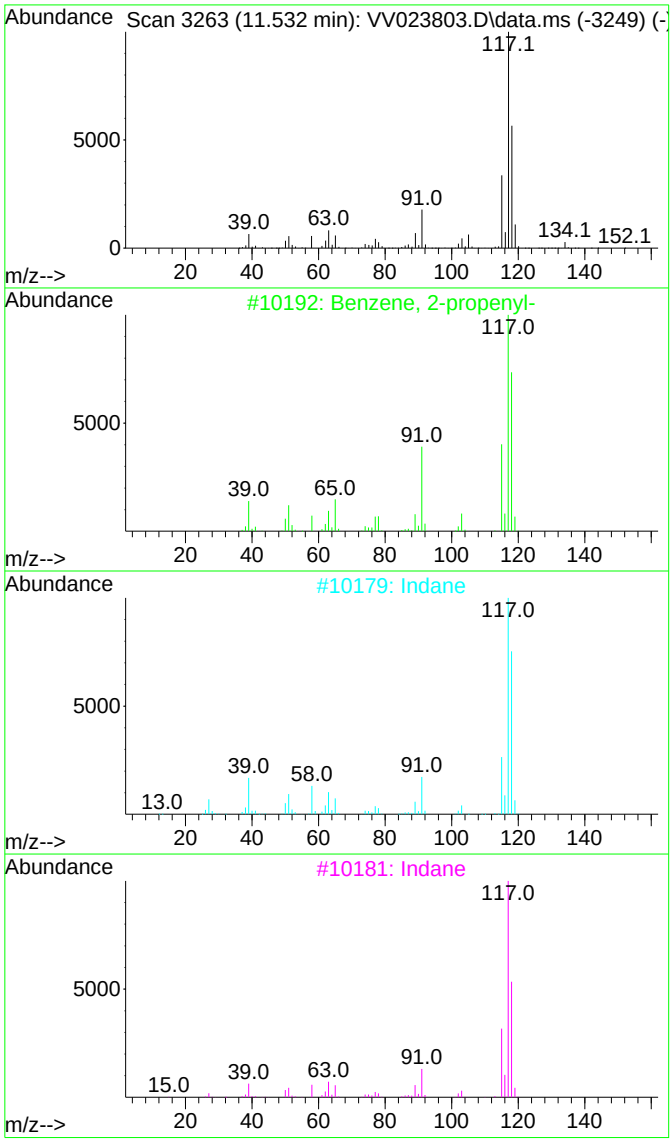
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

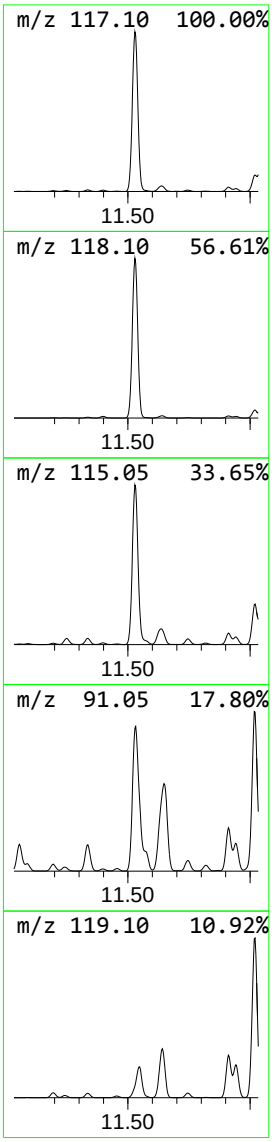
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 2-propenyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.532	103.48 ug/L	17325900	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	87
2	Indane	118	C9H10	000496-11-7	87
3	Indane	118	C9H10	000496-11-7	81
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120621\
Data File : VV023803.D
Acq On : 06 Dec 2021 17:20
Operator : SY/MD
Sample : M4879-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G68

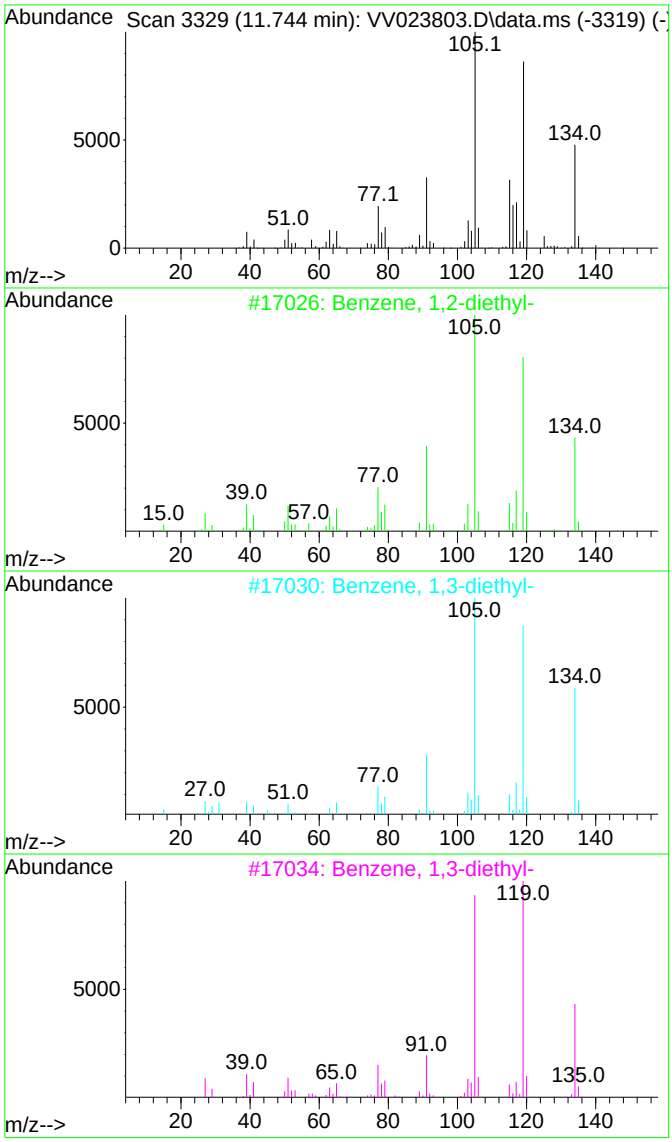
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

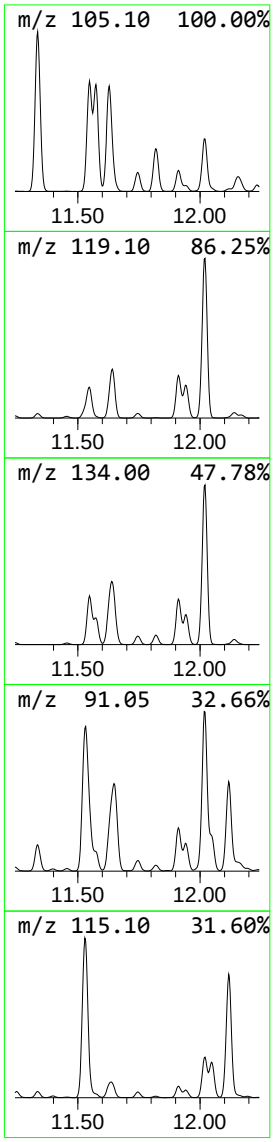
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, 1,2-diethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.744	5.69 ug/L	952380	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	76
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	76
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	76
5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120621\
Data File : VV023803.D
Acq On : 06 Dec 2021 17:20
Operator : SY/MD
Sample : M4879-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G68

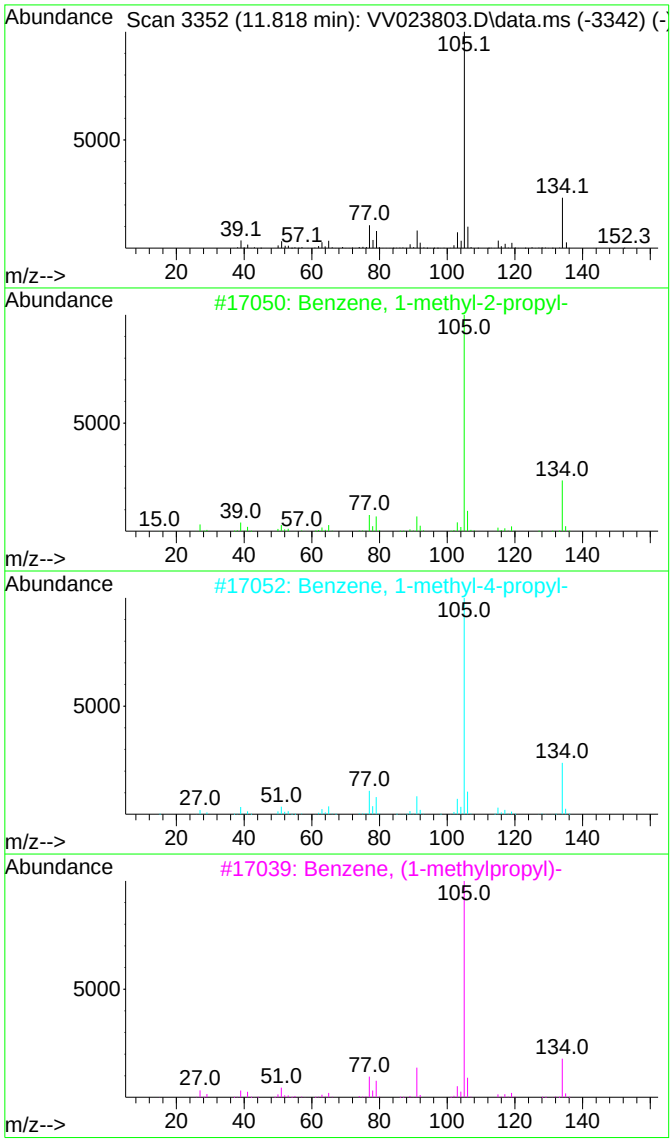
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

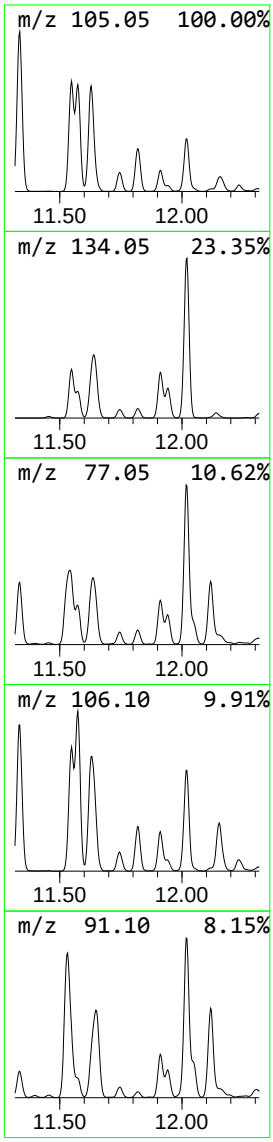
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzene, 1-methyl-2-propyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.818	4.81 ug/L	806106	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-4-propyl-	134	C10H14	001074-55-1	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-2-propyl-	134	C10H14	001074-17-5	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120621\
Data File : VV023803.D
Acq On : 06 Dec 2021 17:20
Operator : SY/MD
Sample : M4879-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G68

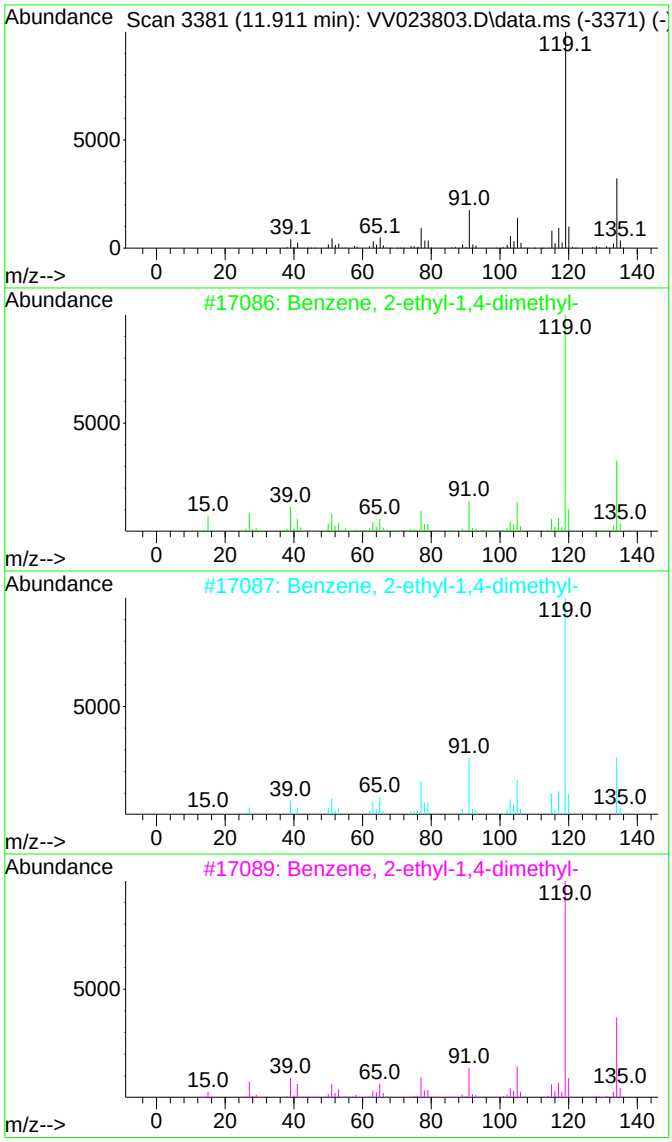
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

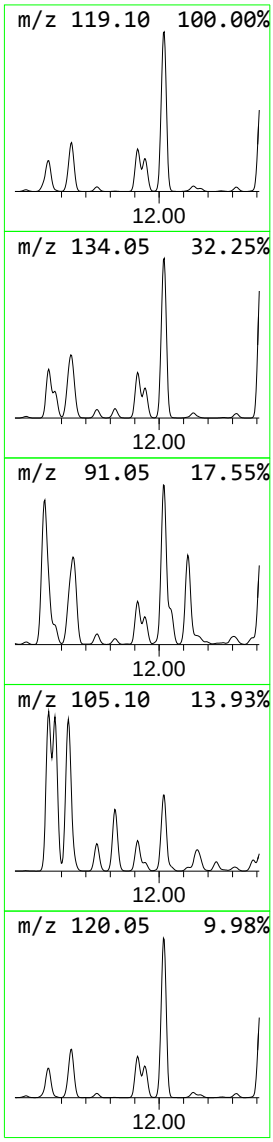
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.911	20.26 ug/L	3392750	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	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	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120621\
Data File : VV023803.D
Acq On : 06 Dec 2021 17:20
Operator : SY/MD
Sample : M4879-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G68

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

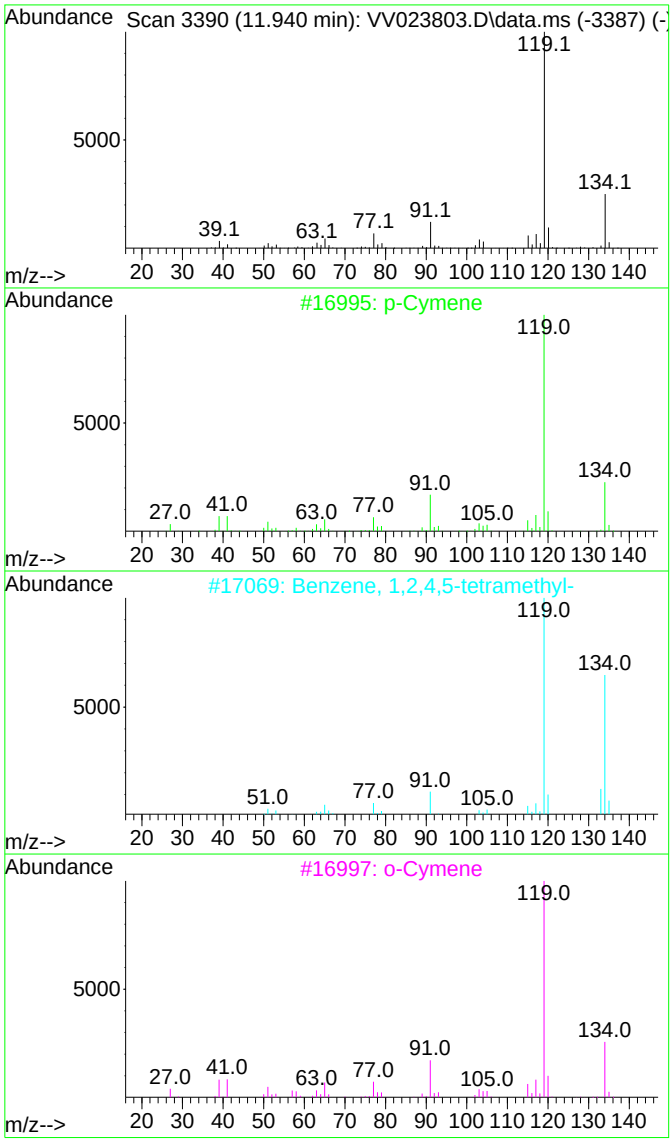
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

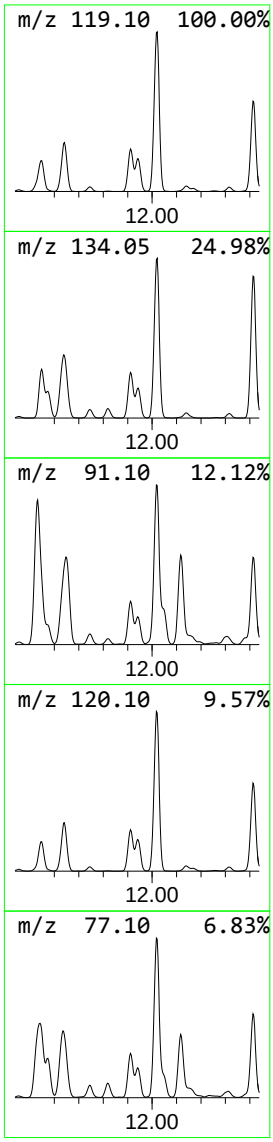
****

Peak Number 23 p-Cymene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.940	11.75 ug/L	1968060	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	94
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3	o-Cymene	134	C10H14	000527-84-4	94
4	o-Cymene	134	C10H14	000527-84-4	91
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120621\
Data File : VV023803.D
Acq On : 06 Dec 2021 17:20
Operator : SY/MD
Sample : M4879-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G68

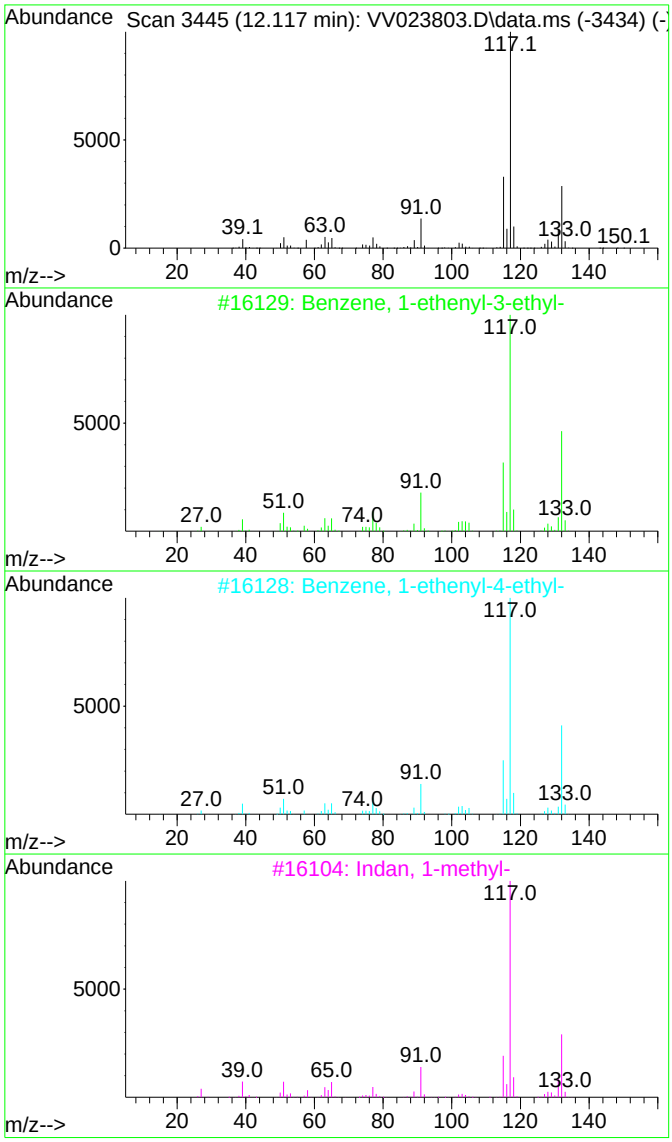
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

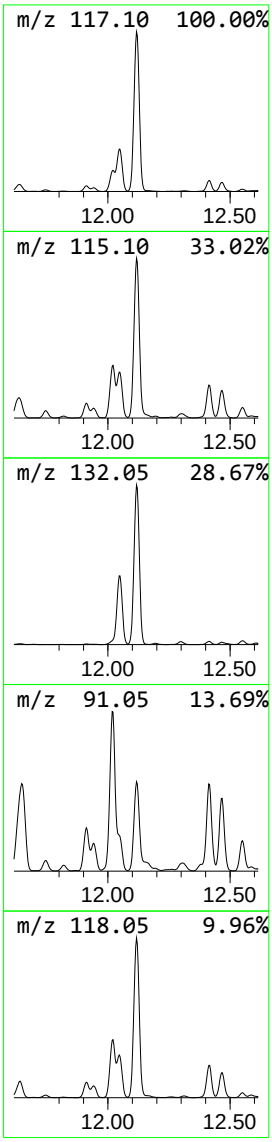
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.117	61.87 ug/L	10358500	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	91
3	Indan, 1-methyl-	132	C10H12	000767-58-8	90
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120621\
Data File : VV023803.D
Acq On : 06 Dec 2021 17:20
Operator : SY/MD
Sample : M4879-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G68

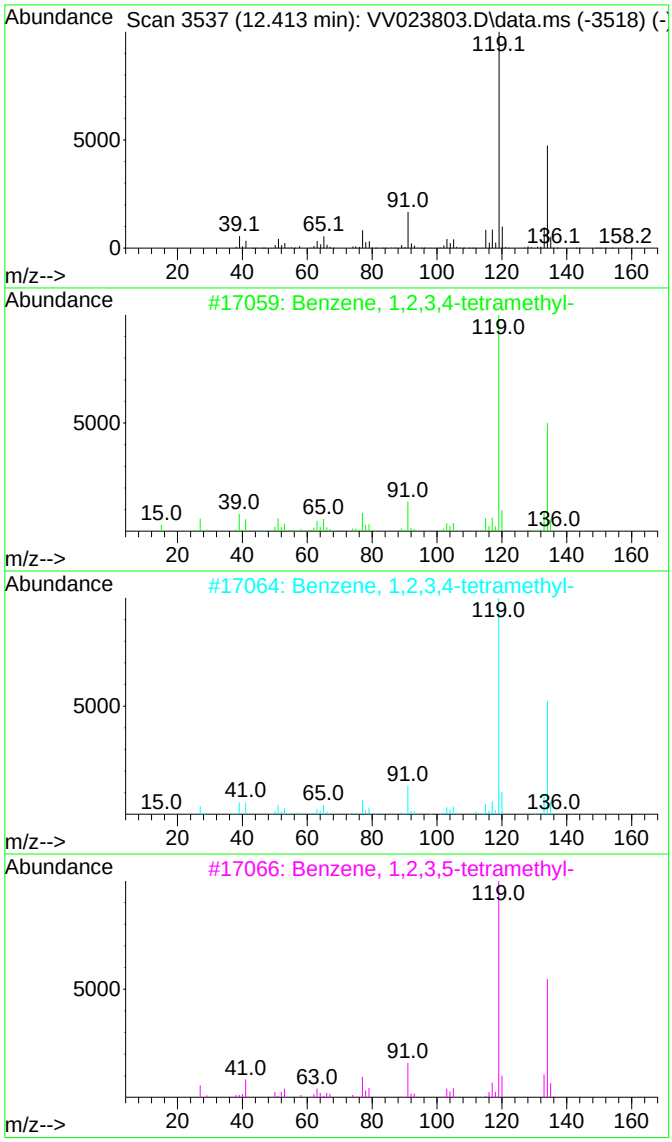
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

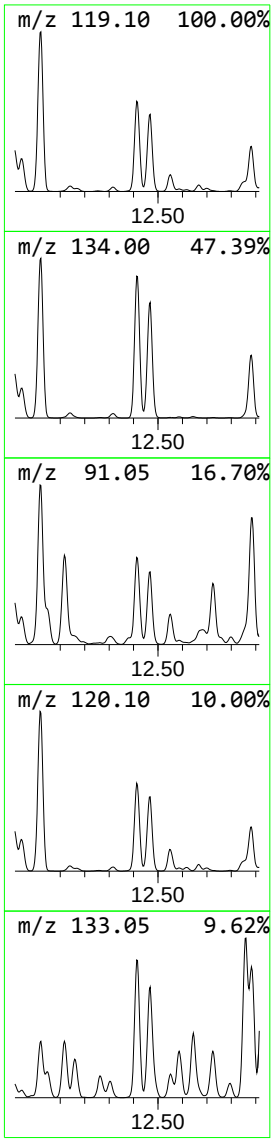
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.413	46.60 ug/L	7802260	1,4-Dichlorobenzene-d4	11.249

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120621\
Data File : VV023803.D
Acq On : 06 Dec 2021 17:20
Operator : SY/MD
Sample : M4879-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G68

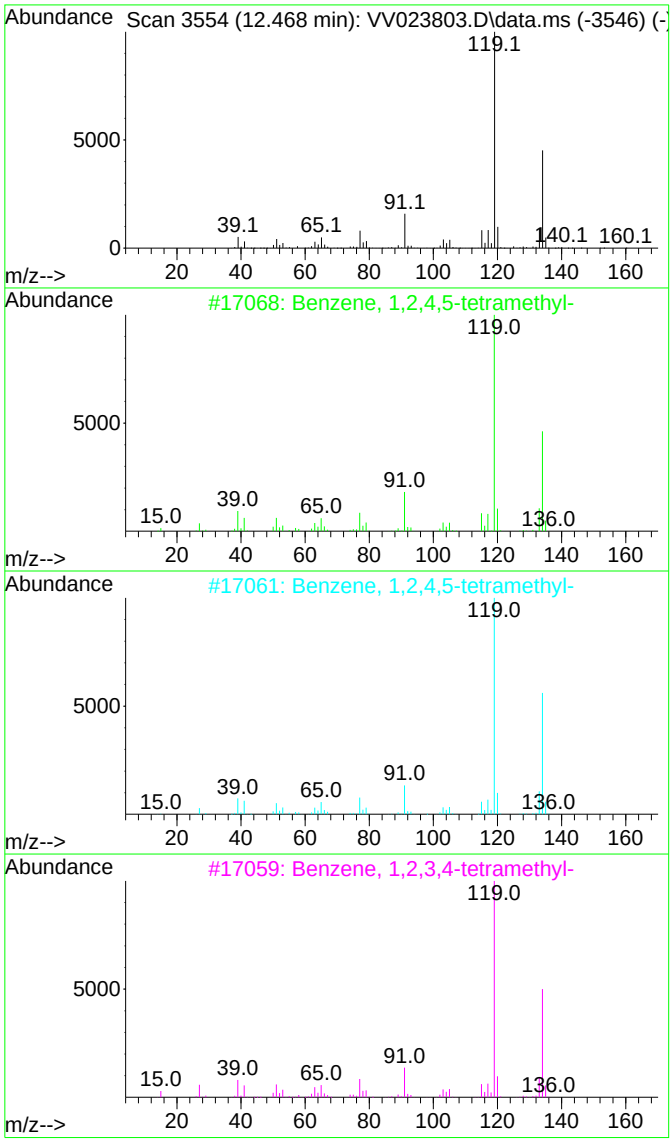
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

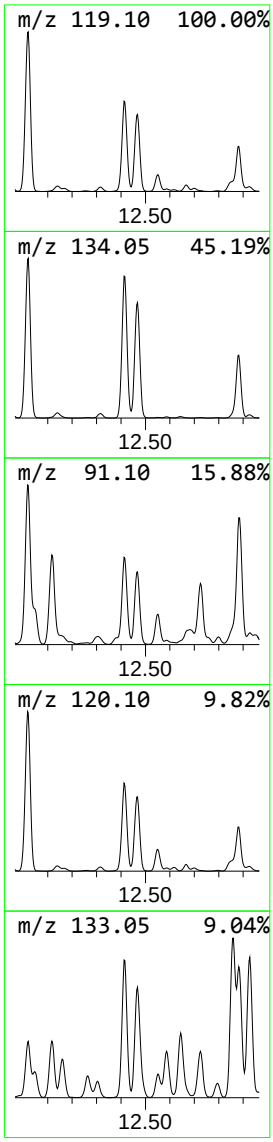
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.467	38.16 ug/L	6389410	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	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120621\
Data File : VV023803.D
Acq On : 06 Dec 2021 17:20
Operator : SY/MD
Sample : M4879-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G68

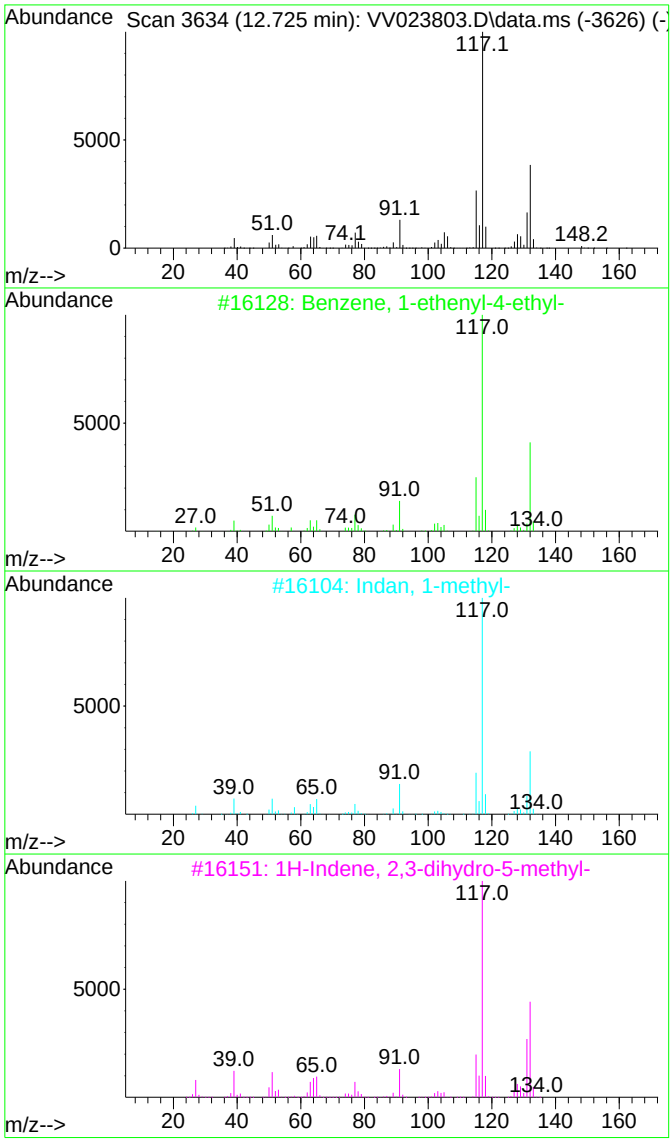
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

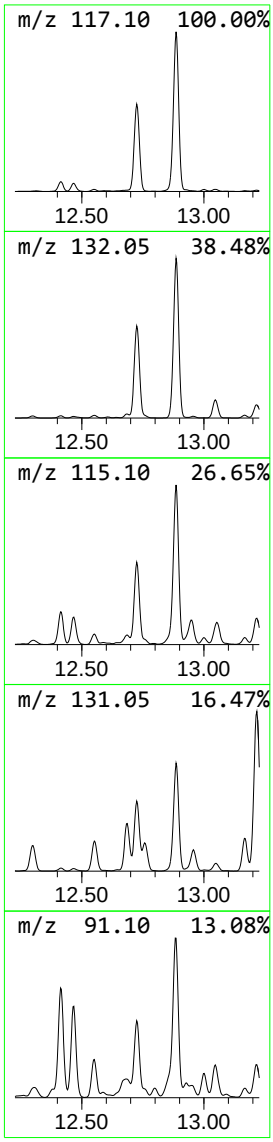
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.725	43.29 ug/L	7248130	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	Indan, 1-methyl-	132	C10H12	000767-58-8	93
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120621\
Data File : VV023803.D
Acq On : 06 Dec 2021 17:20
Operator : SY/MD
Sample : M4879-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G68

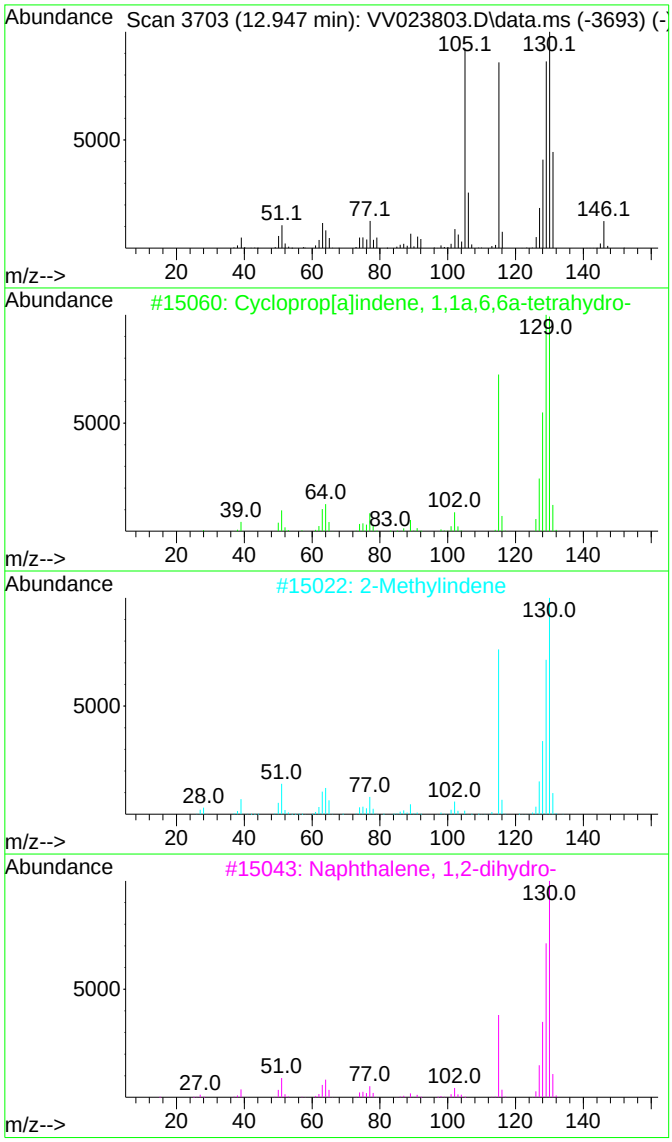
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

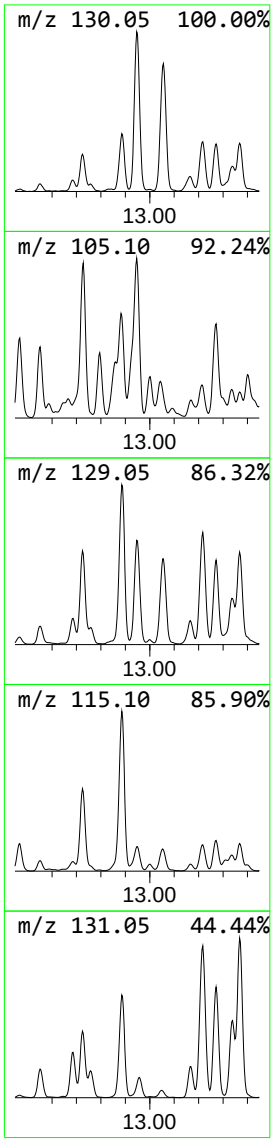
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Cycloprop[a]indene, 1,1a,6,... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.947	12.55 ug/L	2101500	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	83
2	2-Methylindene	130	C10H10	002177-47-1	83
3	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	83
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	83
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120621\
Data File : VV023803.D
Acq On : 06 Dec 2021 17:20
Operator : SY/MD
Sample : M4879-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G68

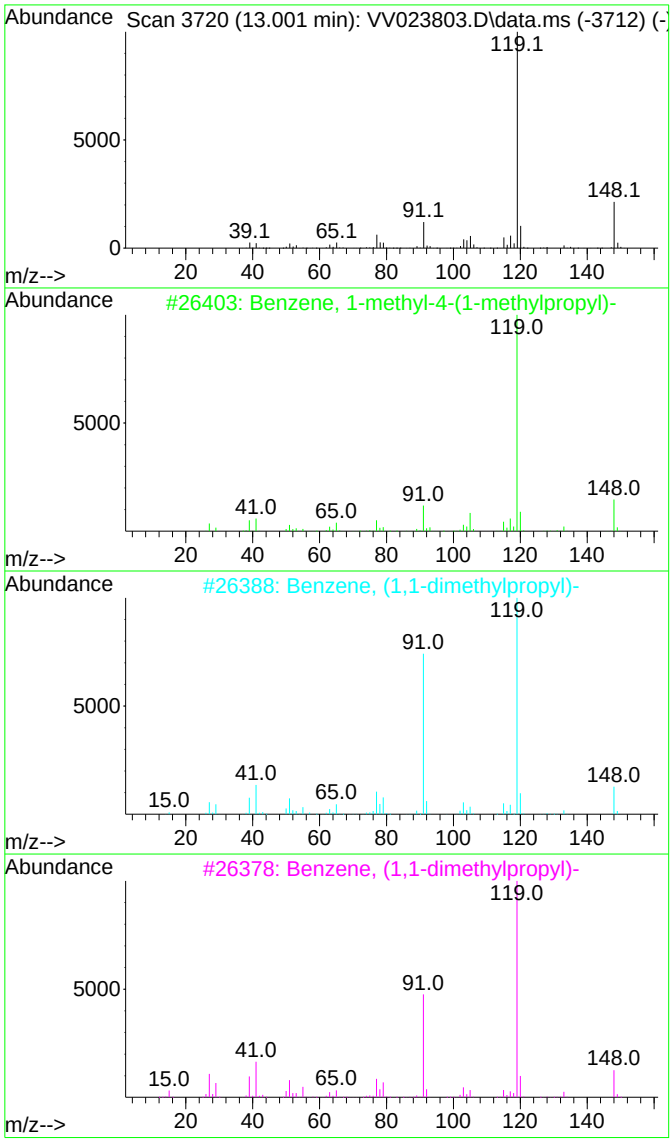
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

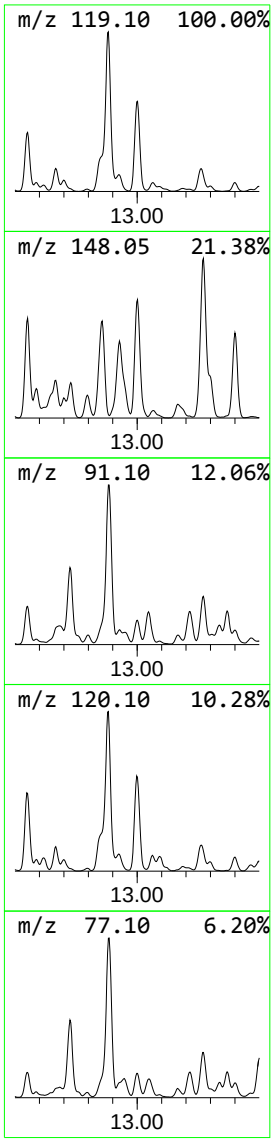
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzene, 1-methyl-4-(1-meth... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.001	8.58 ug/L	1436940	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	91
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	86
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	78
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	72
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120621\
Data File : VV023803.D
Acq On : 06 Dec 2021 17:20
Operator : SY/MD
Sample : M4879-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G68

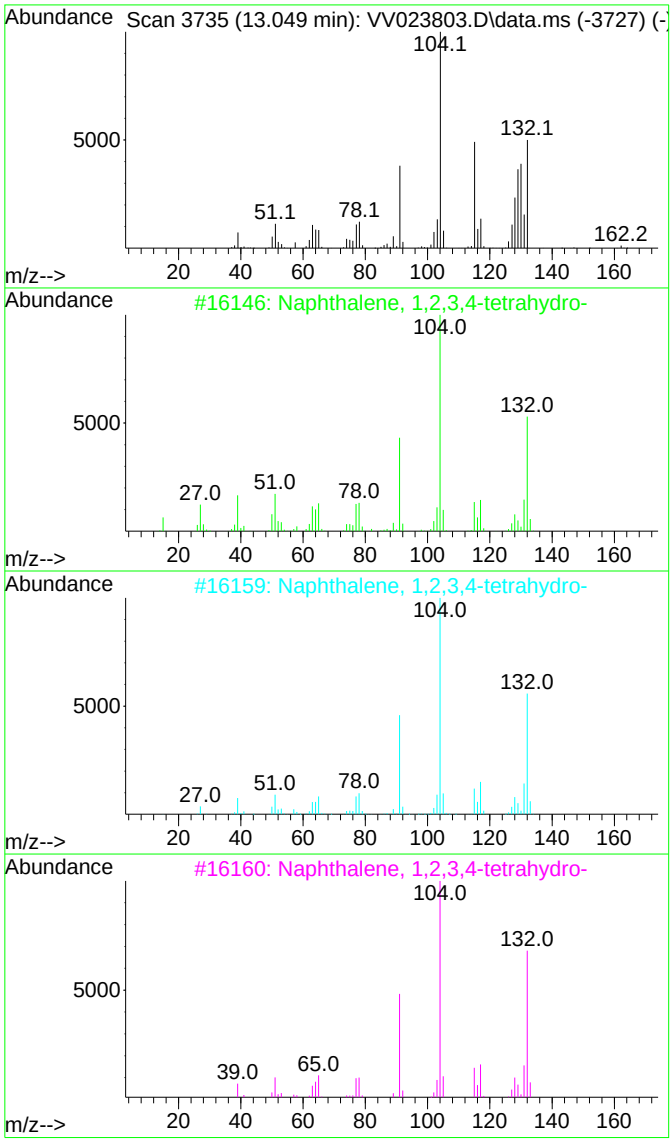
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

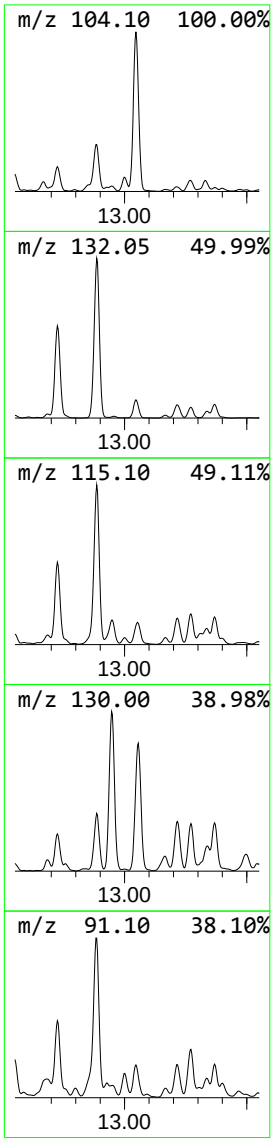
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.050	10.06 ug/L	1684180	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	55





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Data File : VV023803.D
Acq On : 06 Dec 2021 17:20
Operator : SY/MD
Sample : M4879-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G68

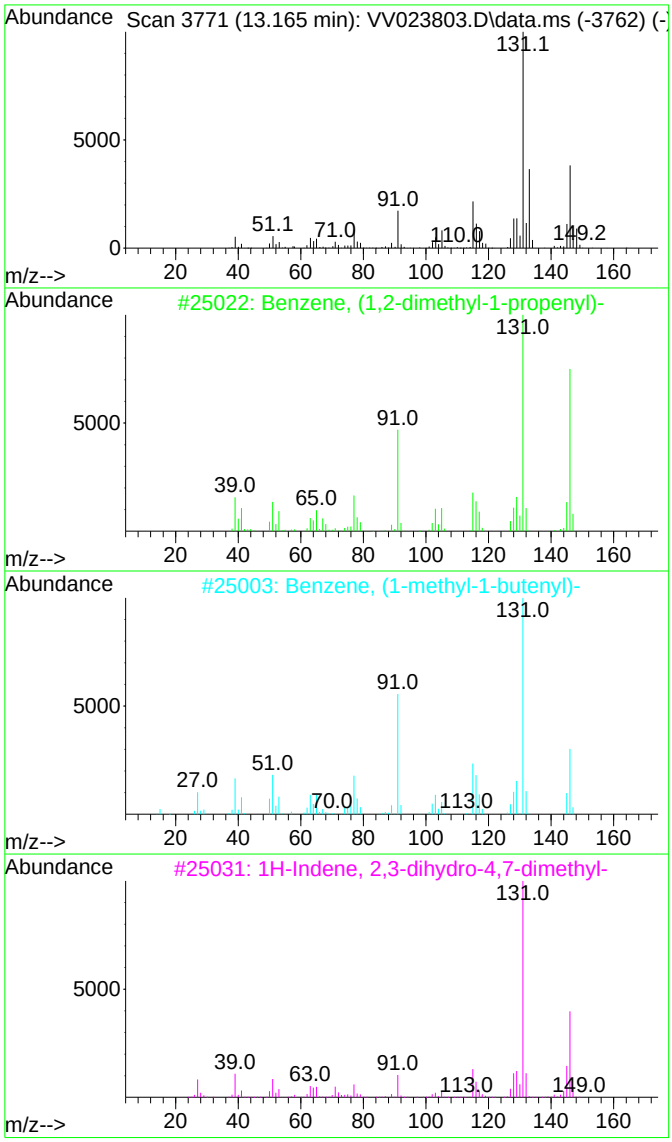
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

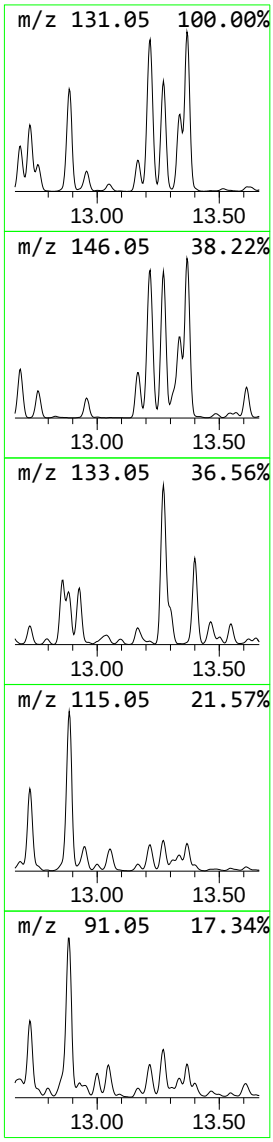
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.165	5.34 ug/L	894679	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	95
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	93
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	90





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Data File : VV023803.D
Acq On : 06 Dec 2021 17:20
Operator : SY/MD
Sample : M4879-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G68

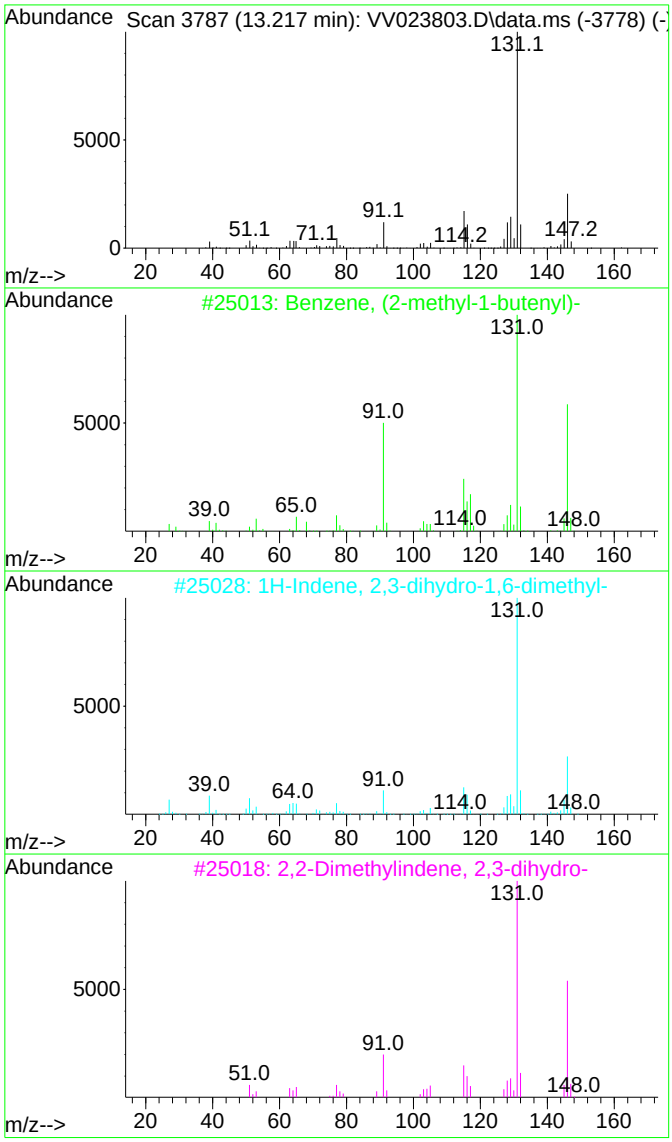
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

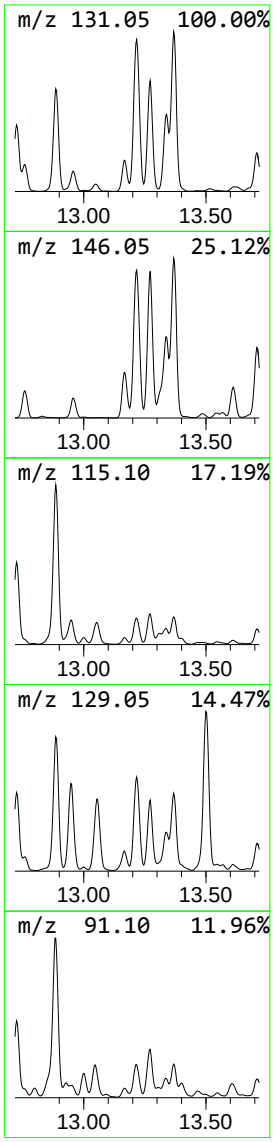
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Benzene, (2-methyl-1-butenyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.217	16.14 ug/L	2701890	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	94
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120621\
Data File : VV023803.D
Acq On : 06 Dec 2021 17:20
Operator : SY/MD
Sample : M4879-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G68

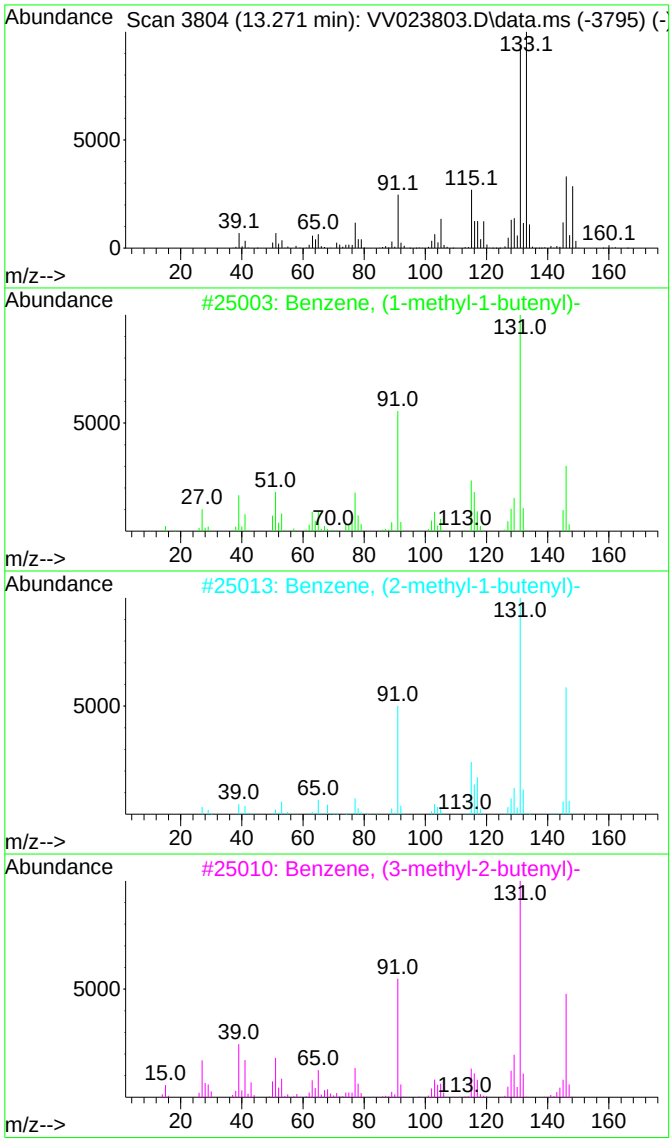
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

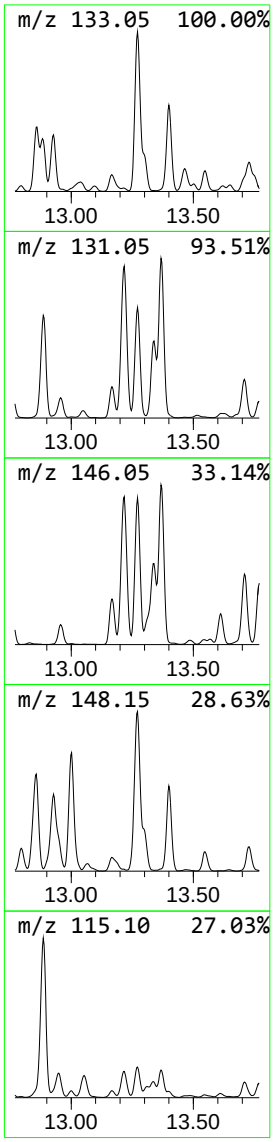
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 Benzene, (1-methyl-1-butenyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.271	24.71 ug/L	4136910	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	87
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	64
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120621\
Data File : VV023803.D
Acq On : 06 Dec 2021 17:20
Operator : SY/MD
Sample : M4879-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G68

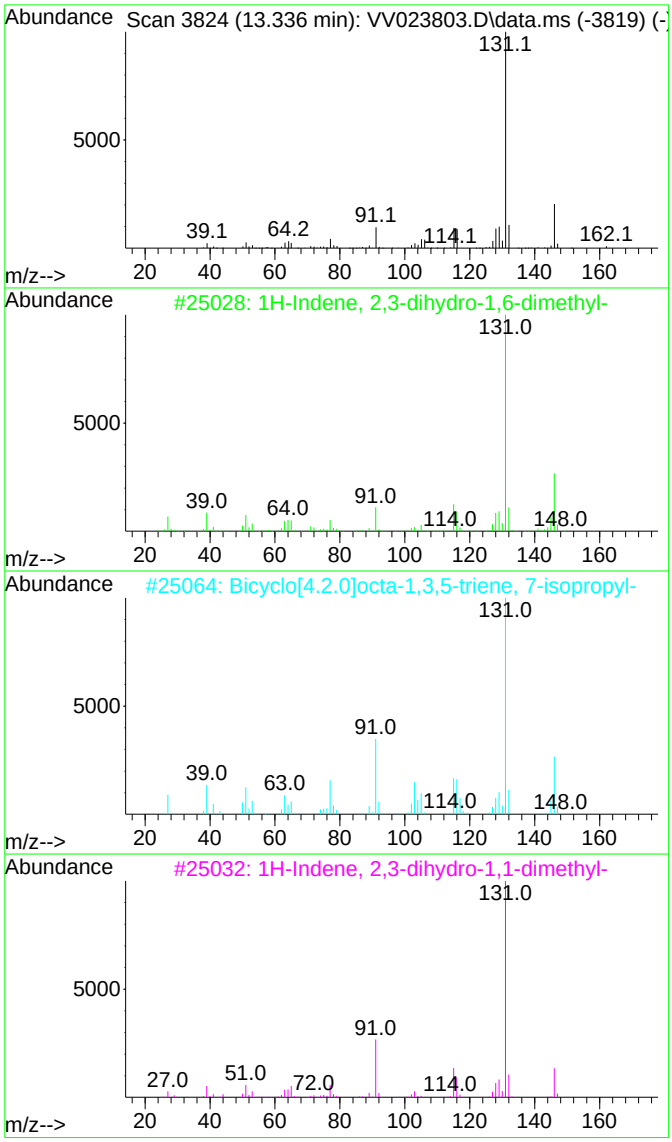
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

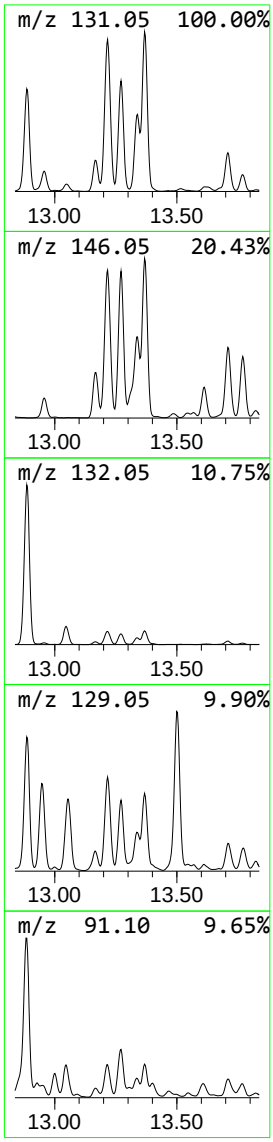
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.336	3.83 ug/L	641637	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	90
3	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	90
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120621\
Data File : VV023803.D
Acq On : 06 Dec 2021 17:20
Operator : SY/MD
Sample : M4879-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G68

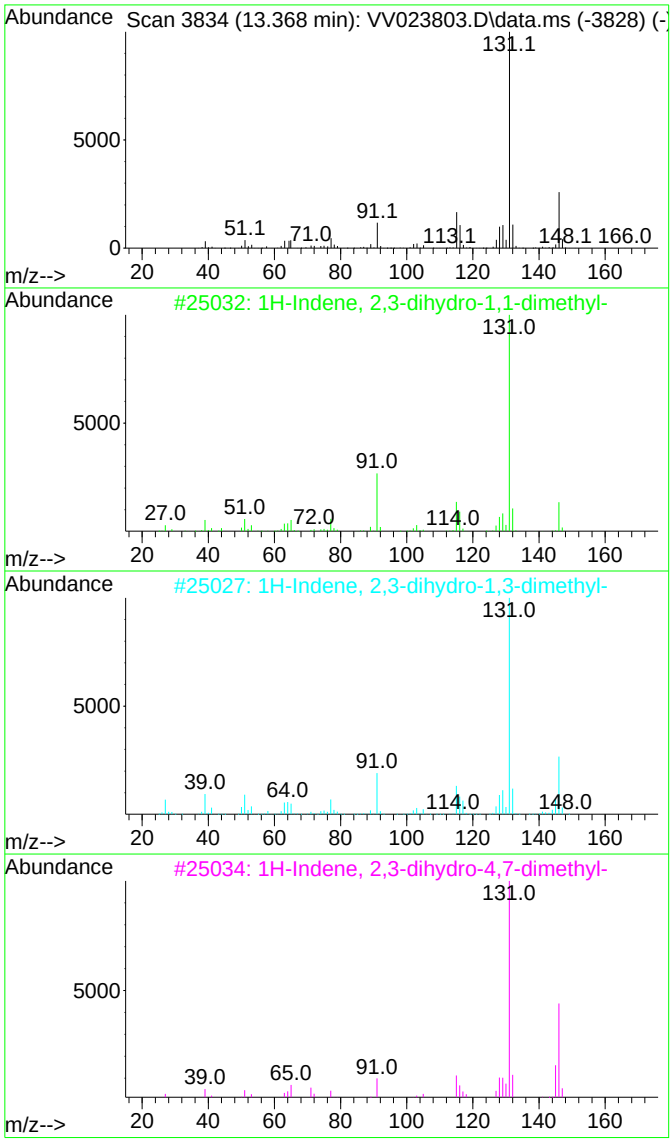
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

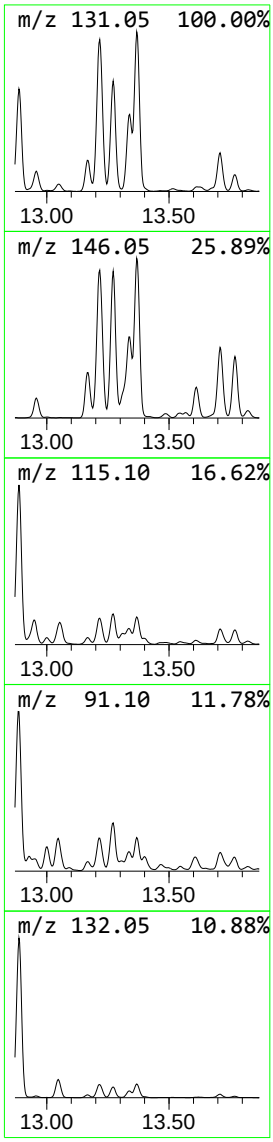
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.368	11.66 ug/L	1952370	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	91
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120621\
Data File : VV023803.D
Acq On : 06 Dec 2021 17:20
Operator : SY/MD
Sample : M4879-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G68

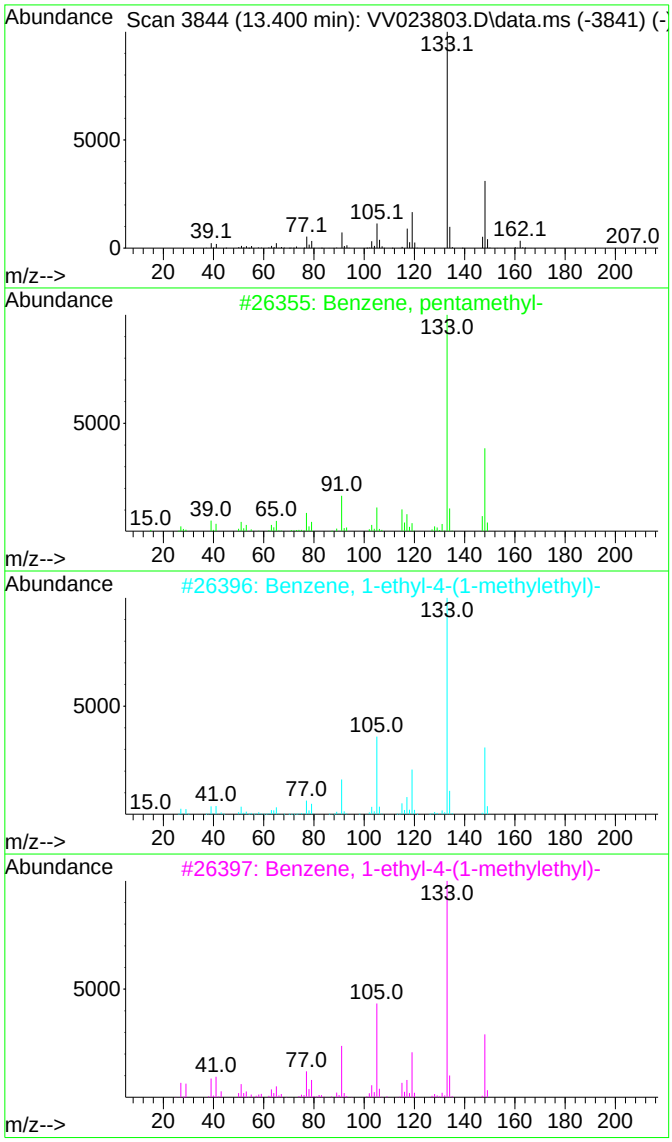
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

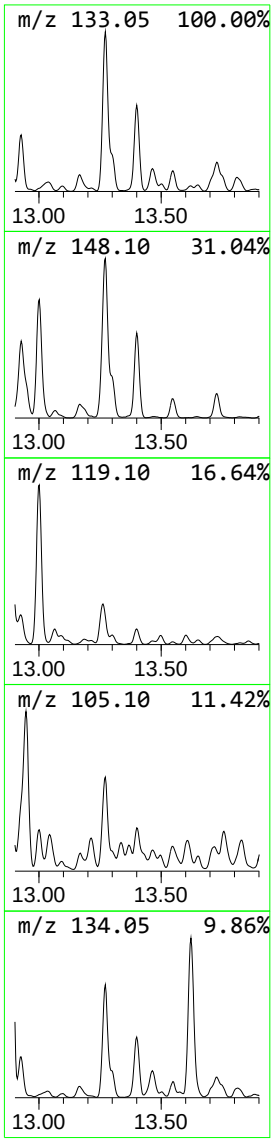
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 Benzene, pentamethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.400	5.73 ug/L	959547	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	86
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	83
3	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	83
4	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	80
5	Phenol, 2-(2-methyl-2-propenyl)-	148	C10H12O	020944-88-1	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120621\
Data File : VV023803.D
Acq On : 06 Dec 2021 17:20
Operator : SY/MD
Sample : M4879-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G68

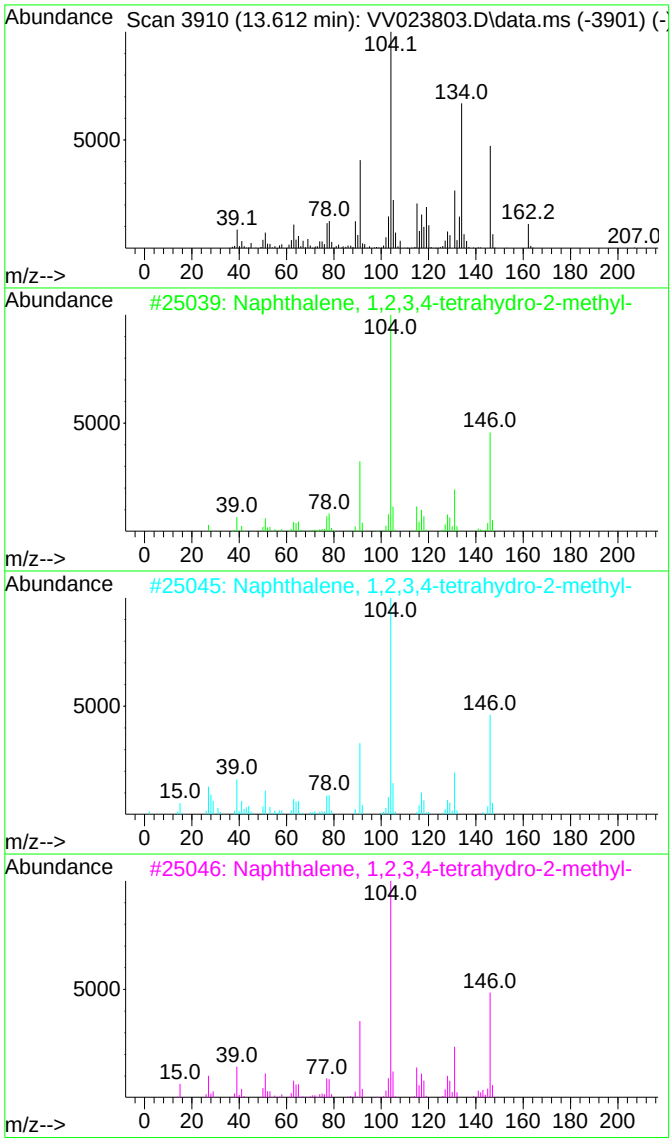
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

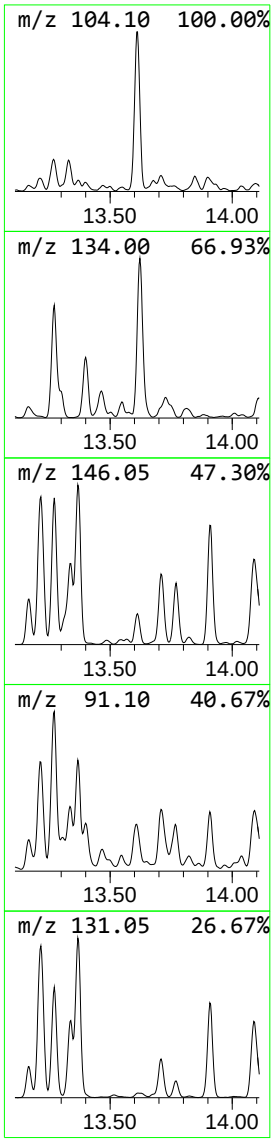
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.612	4.48 ug/L	749398	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	60
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	53
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	53
4	Pyrazolo[1,5-a]pyridine, 2,3-dim...	146	C9H10N2	028537-56-6	49
5	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120621\
Data File : VV023803.D
Acq On : 06 Dec 2021 17:20
Operator : SY/MD
Sample : M4879-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G68

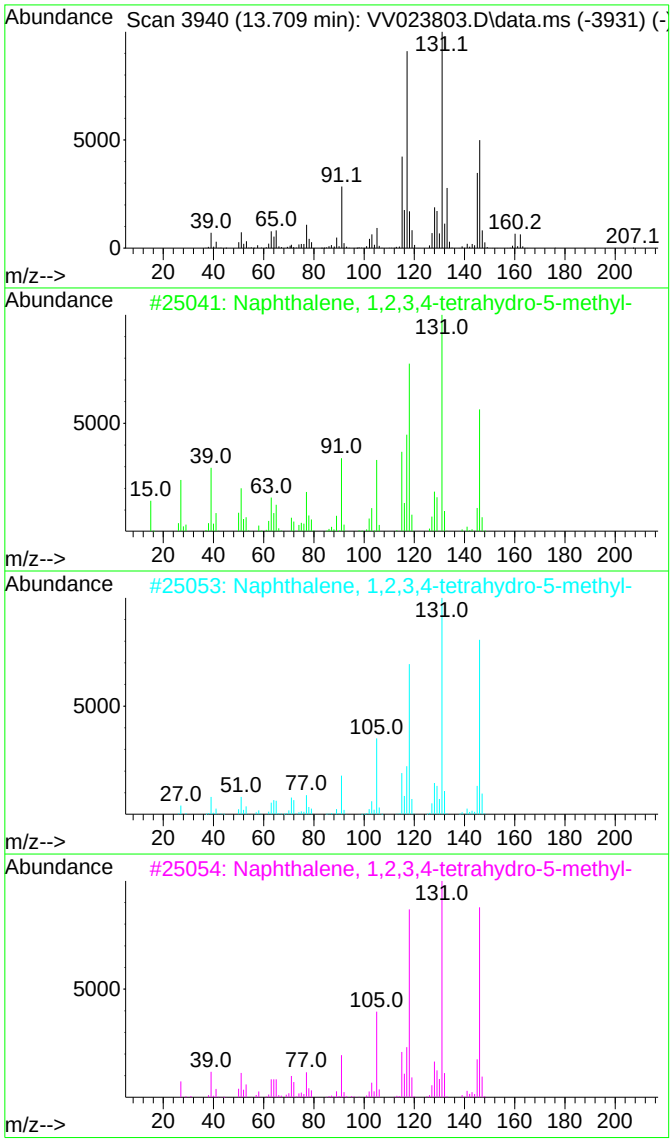
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

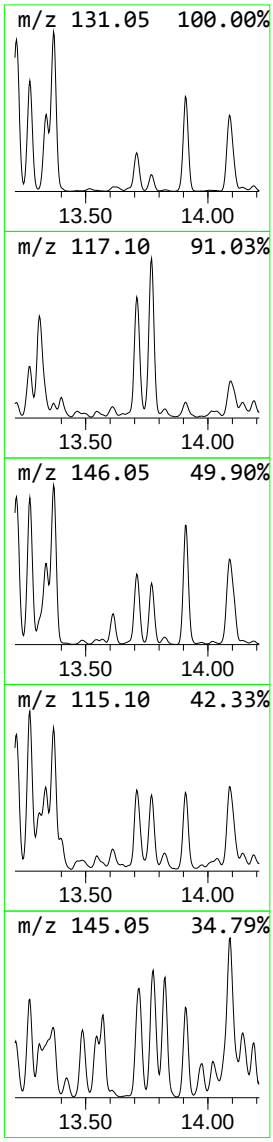
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.709	11.15 ug/L	1866810	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	76
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	64
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	58
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	55
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120621\
Data File : VV023803.D
Acq On : 06 Dec 2021 17:20
Operator : SY/MD
Sample : M4879-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G68

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...	1.632	5.1	ug/L	462213	1	5.619	451166	5.0
(DEL) Alkane: S...	1.806	6.0	ug/L	540485	1	5.619	451166	5.0
(DEL) Alkane: S...	2.532	6.6	ug/L	597300	1	5.619	451166	5.0
(DEL) Alkane: S...	3.040	5.7	ug/L	517744	1	5.619	451166	5.0
(DEL) Alkane: C...	3.764	10.7	ug/L	966206	1	5.619	451166	5.0
(DEL) Alkane: S...	4.908	4.9	ug/L	444568	1	5.619	451166	5.0
(DEL) Alkane: C...	5.317	5.4	ug/L	485502	1	5.619	451166	5.0
Cyclohexene, 4-...	6.567	5.8	ug/L	522969	1	5.619	451166	5.0
Cyclopentene, 1...	6.802	4.9	ug/L	441175	1	5.619	451166	5.0
Cyclohexene, 1-...	7.165	5.8	ug/L	522518	1	5.619	451166	5.0
1,3-Dimethyl-1-...	7.844	7.9	ug/L	745472	2	8.854	471457	5.0
Benzene, propyl-	10.352	37.3	ug/L	6243730	3	11.249	837138	5.0
Benzene, 1-ethy...	10.451	85.7	ug/L	14351700	3	11.249	837138	5.0
Benzene, 1-ethy...	10.738	56.1	ug/L	9387240	3	11.249	837138	5.0
Benzene, (2-met...	11.056	2.6	ug/L	432276	3	11.249	837138	5.0
Benzene, (1-met...	11.088	3.5	ug/L	588095	3	11.249	837138	5.0
o-Cymene	11.194	2.5	ug/L	418125	3	11.249	837138	5.0
Benzene, 2-prop...	11.532	103.5	ug/L	17325900	3	11.249	837138	5.0
Benzene, 1,2-di...	11.744	5.7	ug/L	952380	3	11.249	837138	5.0
Benzene, 1-meth...	11.818	4.8	ug/L	806106	3	11.249	837138	5.0
Benzene, 2-ethy...	11.911	20.3	ug/L	3392750	3	11.249	837138	5.0
p-Cymene	11.940	11.8	ug/L	1968060	3	11.249	837138	5.0
Benzene, 1-ethe...	12.117	61.9	ug/L	10358500	3	11.249	837138	5.0
Benzene, 1,2,3,...	12.413	46.6	ug/L	7802260	3	11.249	837138	5.0
Benzene, 1,2,4,...	12.467	38.2	ug/L	6389410	3	11.249	837138	5.0
Benzene, 1-ethe...	12.725	43.3	ug/L	7248130	3	11.249	837138	5.0
Cycloprop[a]ind...	12.947	12.6	ug/L	2101500	3	11.249	837138	5.0
Benzene, 1-meth...	13.001	8.6	ug/L	1436940	3	11.249	837138	5.0
Naphthalene, 1,...	13.050	10.1	ug/L	1684180	3	11.249	837138	5.0
Benzene, (1,2-d...	13.165	5.3	ug/L	894679	3	11.249	837138	5.0
Benzene, (2-met...	13.217	16.1	ug/L	2701890	3	11.249	837138	5.0
Benzene, (1-met...	13.271	24.7	ug/L	4136910	3	11.249	837138	5.0
1H-Indene, 2,3-...	13.336	3.8	ug/L	641637	3	11.249	837138	5.0
1H-Indene, 2,3-...	13.368	11.7	ug/L	1952370	3	11.249	837138	5.0
Benzene, pentam...	13.400	5.7	ug/L	959547	3	11.249	837138	5.0
Naphthalene, 1,...	13.612	4.5	ug/L	749398	3	11.249	837138	5.0
Naphthalene, 1,...	13.709	11.2	ug/L	1866810	3	11.249	837138	5.0