LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033698.D
Acq On : 17 Jan 2024 02:32
Operator : SY/MD
Sample : P1143-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AX8

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\SFAMVTR011224WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV033698.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.333	81	91	103	rBV2	40087	62232	2.11%	0.187%
2	1.680	193	199	209	rVB	26486	32824	1.11%	0.098%
3	1.851	246	252	265	rVB2	23731	44959	1.52%	0.135%
4	2.146	335	344	358	rBV	53150	80198	2.72%	0.241%
5	2.603	477	486	501	rVB4	38626	99000	3.36%	0.297%
6	2.777	531	540	552	rVB3	15984	30667	1.04%	0.092%
7	3.050	617	625	637	rVB	18122	34132	1.16%	0.102%
8	3.278	685	696	711	rVB3	41586	89855	3.05%	0.270%
9	3.754	833	844	858	rVB	47081	106807	3.62%	0.320%
10	4.339	1013	1026	1042	rBV	50776	126956	4.30%	0.381%
11	4.433	1046	1055	1071	rVB2	19255	44488	1.51%	0.133%
12	4.642	1106	1120	1134	rBV3	52713	125170	4.24%	0.376%
13	5.018	1222	1237	1247	rBV2	118659	271896	9.21%	0.816%
14	5.185	1279	1289	1308	rVB3	42431	107071	3.63%	0.321%
15	5.281	1309	1319	1333	rVB4	15528	35502	1.20%	0.107%
16	5.603	1406	1419	1455	rBV	111058	322871	10.94%	0.969%
17	5.937	1512	1523	1543	rVB4	16174	39095	1.32%	0.117%
18	6.072	1547	1565	1571	rBV	68597	133076	4.51%	0.399%
19	6.121	1573	1580	1594	rVB	95077	187429	6.35%	0.562%
20	6.555	1696	1715	1726	rBV6	16363	53758	1.82%	0.161%
21	6.780	1758	1785	1795	rBV3	29969	76261	2.58%	0.229%
22	6.969	1836	1844	1863	rVB	33529	64805	2.20%	0.194%
23	7.140	1886	1897	1910	rBV	43016	75345	2.55%	0.226%
24	7.288	1934	1943	1958	rVB	121542	207998	7.05%	0.624%
25	7.362	1958	1966	1977	rBV	33562	58344	1.98%	0.175%
26	7.600	2031	2040	2057	rVB7	21446	52367	1.77%	0.157%
27	7.802	2096	2103	2122	rVB3	15634	33035	1.12%	0.099%
28	8.069	2169	2186	2213	rBV	118472	329165	11.16%	0.988%
29	8.831	2405	2423	2449	rBV2	1436008	2674431	90.63%	8.024%
30	9.095	2500	2505	2516	rVB3	24576	42229	1.43%	0.127%
31	9.416	2591	2605	2619	rBV9	17221	56075	1.90%	0.168%
32	9.493	2619	2629	2654	rVB	180651	298626	10.12%	0.896%
33	9.657	2662	2680	2695	rBV10	29202	71043	2.41%	0.213%
34	9.747	2696	2708	2720	rVV8	34098	79531	2.70%	0.239%
35	9.812	2721	2728	2738	rVV4	19764	33880	1.15%	0.102%
36	9.876	2738	2748	2769	rVV	415479	657146	22.27%	1.972%

LSC Area Percent Report

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Sample : P1143-04
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Instrument :
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ClientSampleId :
C0AX8

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\SFAMVTR011224WMA.M
Title : TRACE VOA SFAM1.0

37	10.165	2828	2838	2853	rBV	58530	110176	3.73%	0.331%
38	10.297	2866	2879	2891	rBV	574176	906740	30.73%	2.721%
39	10.355	2892	2897	2918	rVV3	38532	100745	3.41%	0.302%
40	10.484	2921	2937	2953	rVB	250374	412633	13.98%	1.238%
41	10.680	2977	2998	3018	rBV	870393	1401493	47.50%	4.205%
42	10.789	3020	3032	3033	rBV6	29269	43349	1.47%	0.130%
43	10.857	3045	3053	3074	rVB	113912	183876	6.23%	0.552%
44	10.998	3089	3097	3101	rBV	81054	113689	3.85%	0.341%
45	11.030	3101	3107	3121	rVB	135976	209335	7.09%	0.628%
46	11.127	3122	3137	3147	rBV2	61381	112794	3.82%	0.338%
47	11.214	3148	3164	3175	rBV2	247328	617635	20.93%	1.853%
48	11.278	3176	3184	3193	rVB	149853	214132	7.26%	0.642%
49	11.397	3211	3221	3231	rBV	87465	148866	5.04%	0.447%
50	11.468	3232	3243	3262	rBV2	1447537	2639644	89.46%	7.920%
51	11.587	3264	3280	3300	rVB6	422332	1059140	35.89%	3.178%
52	11.686	3301	3311	3323	rBV	114525	182220	6.18%	0.547%
53	11.760	3325	3334	3351	rVB	85747	148632	5.04%	0.446%
54	11.850	3352	3362	3378	rBV	219607	375285	12.72%	1.126%
55	11.956	3379	3395	3402	rBV	990308	1585126	53.72%	4.756%
56	12.053	3415	3425	3457	rBV2	838115	1774526	60.14%	5.324%
57	12.239	3476	3483	3496	rVB3	94117	186594	6.32%	0.560%
58	12.352	3503	3518	3527	rBV	622337	958256	32.47%	2.875%
59	12.406	3527	3535	3550	rVB	671105	1019873	34.56%	3.060%
60	12.490	3552	3561	3569	rBV2	157018	243121	8.24%	0.729%
61	12.583	3585	3590	3595	rBV	34741	37768	1.28%	0.113%
62	12.625	3596	3603	3606	rVV	71463	93855	3.18%	0.282%
63	12.664	3607	3615	3632	rVB	913508	1397571	47.36%	4.193%
64	12.738	3633	3638	3645	rVB2	37203	43565	1.48%	0.131%
65	12.821	3647	3664	3674	rBV2	1836013	2950801	100.00%	8.854%
66	12.940	3694	3701	3709	rBV	131542	178838	6.06%	0.537%
67	12.992	3710	3717	3726	rVB4	65794	110361	3.74%	0.331%
68	13.104	3743	3752	3759	rBV	201192	307351	10.42%	0.922%
69	13.156	3759	3768	3776	rVB	342607	508449	17.23%	1.526%
70	13.210	3776	3785	3791	rBV2	458610	693349	23.50%	2.080%
71	13.275	3800	3805	3809	rBV	98957	116376	3.94%	0.349%
72	13.307	3809	3815	3821	rVV	285294	368002	12.47%	1.104%
73	13.339	3822	3825	3840	rVB	164825	208217	7.06%	0.625%
74	13.426	3841	3852	3862	rVB4	53162	112791	3.82%	0.338%
75	13.487	3863	3871	3882	rBV2	72027	127932	4.34%	0.384%
76	13.548	3883	3890	3901	rVB	68618	106639	3.61%	0.320%

LSC Area Percent Report

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Acq On : 17 Jan 2024 02:32
Operator : SY/MD
Sample : P1143-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AX8

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\SFAMVTR011224WMA.M
Title : TRACE VOA SFAM1.0

77	13.651	3913	3922	3932	rBV3	185552	352679	11.95%	1.058%
78	13.709	3933	3940	3949	rVB2	153263	241027	8.17%	0.723%
79	13.763	3951	3957	3972	rVB5	42514	76924	2.61%	0.231%
80	13.847	3973	3983	3997	rBV	376971	601216	20.37%	1.804%
81	14.027	4030	4039	4054	rBV2	304693	666654	22.59%	2.000%
82	14.172	4076	4084	4093	rBV2	143474	219972	7.45%	0.660%
83	14.230	4094	4102	4116	rVB3	271440	496370	16.82%	1.489%
84	14.300	4119	4124	4133	rVB3	44765	63776	2.16%	0.191%
85	14.371	4136	4146	4160	rBV4	125265	273806	9.28%	0.822%
86	14.512	4182	4190	4196	rBV2	57016	91587	3.10%	0.275%
87	14.554	4197	4203	4214	rVV3	74831	134732	4.57%	0.404%
88	14.628	4217	4226	4239	rVB4	69632	164784	5.58%	0.494%
89	14.705	4242	4250	4258	rBV3	40297	75265	2.55%	0.226%
90	14.818	4278	4285	4300	rVB3	36156	62466	2.12%	0.187%
91	15.278	4421	4428	4445	rVB	62270	116230	3.94%	0.349%
92	15.525	4492	4505	4516	rVB4	41005	94329	3.20%	0.283%
93	15.599	4519	4528	4557	rVB6	45046	121001	4.10%	0.363%
94	15.747	4565	4574	4581	rBV	186668	288397	9.77%	0.865%
95	15.786	4582	4586	4600	rVB2	87940	132323	4.48%	0.397%
96	15.975	4640	4645	4654	rVB	44215	64792	2.20%	0.194%
97	16.120	4683	4690	4702	rVB2	26775	42839	1.45%	0.129%

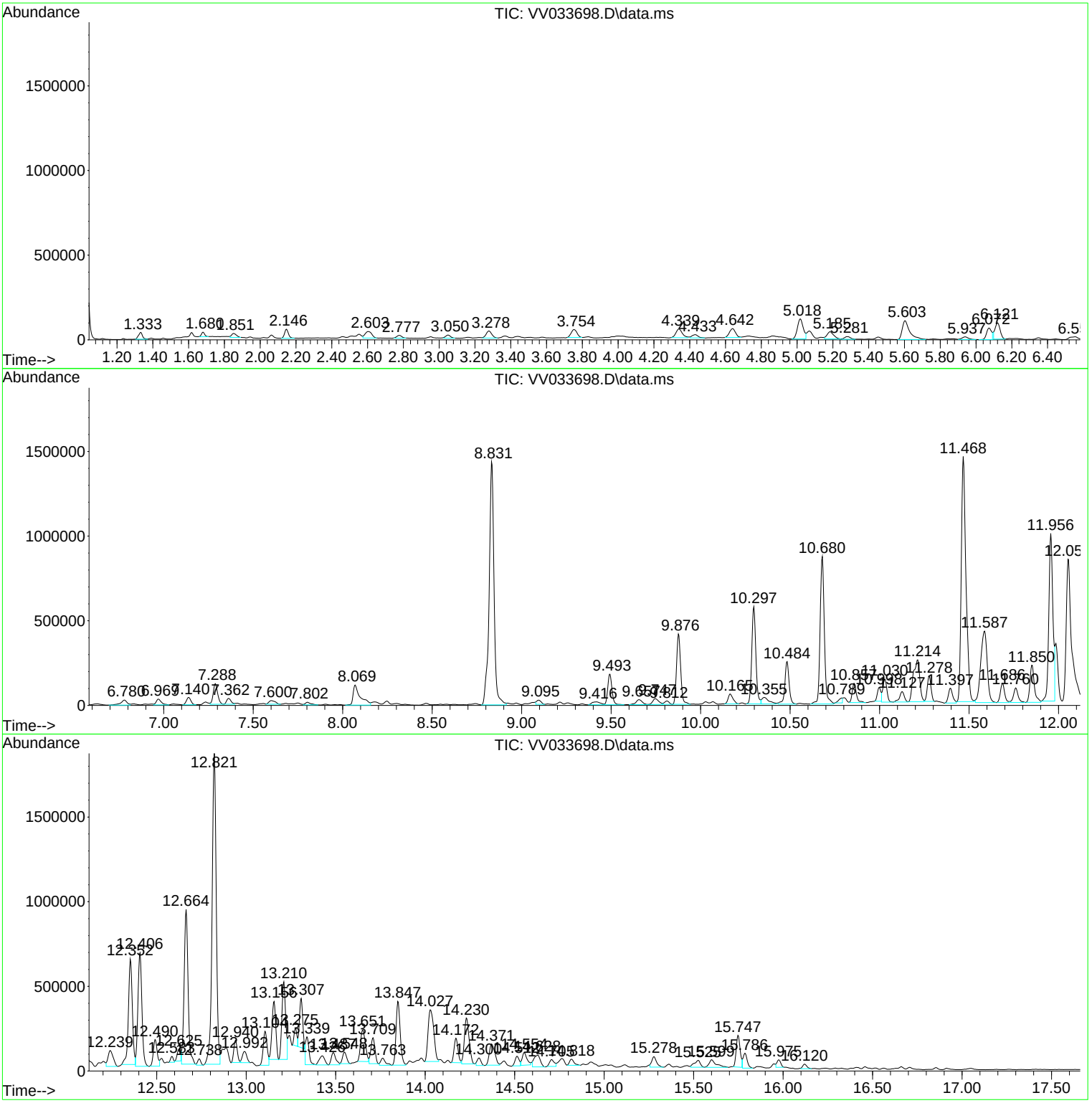
Sum of corrected areas: 33329181

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033698.D
Acq On : 17 Jan 2024 02:32
Operator : SY/MD
Sample : P1143-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AX8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.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\VV011624\
Data File : VV033698.D
Acq On : 17 Jan 2024 02:32
Operator : SY/MD
Sample : P1143-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AX8

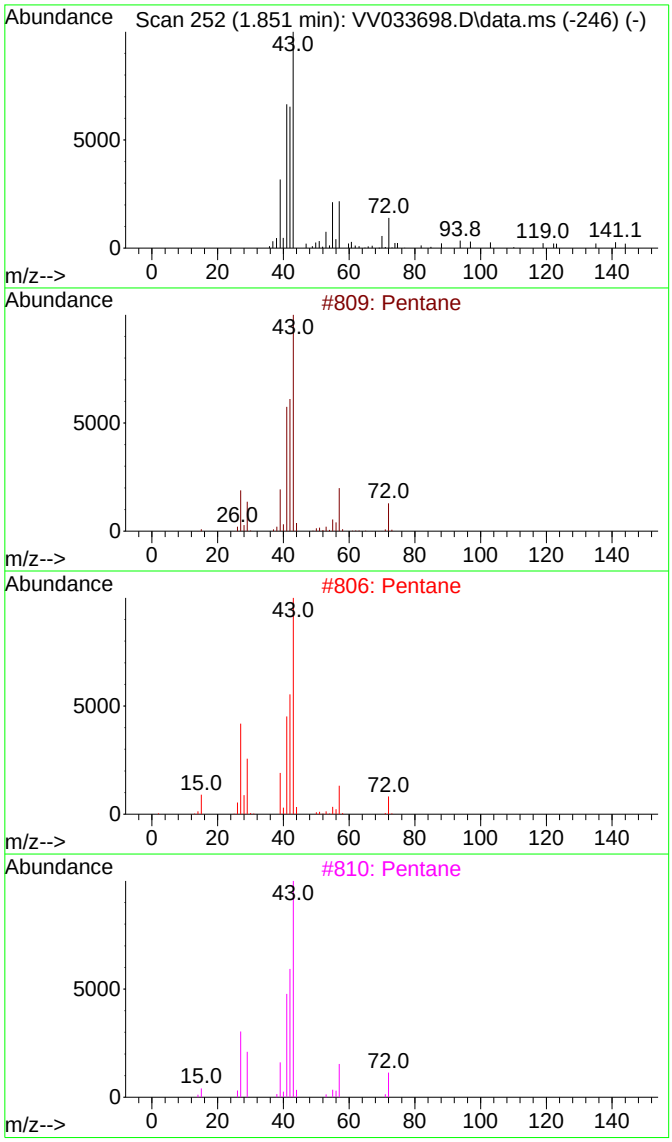
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

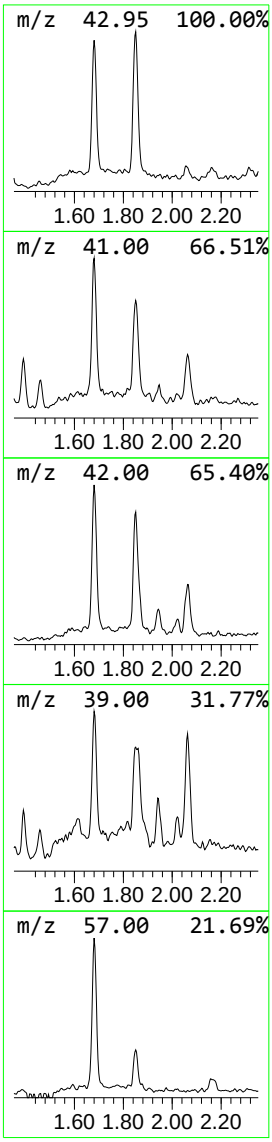
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.851	0.70 ug/L	44959	1,4-Difluorobenzene	5.603

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	59
2	Pentane	72	C5H12	000109-66-0	59
3	Pentane	72	C5H12	000109-66-0	59
4	Pentane	72	C5H12	000109-66-0	59
5	Oxirane, ethyl-	72	C4H8O	000106-88-7	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033698.D
Acq On : 17 Jan 2024 02:32
Operator : SY/MD
Sample : P1143-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AX8

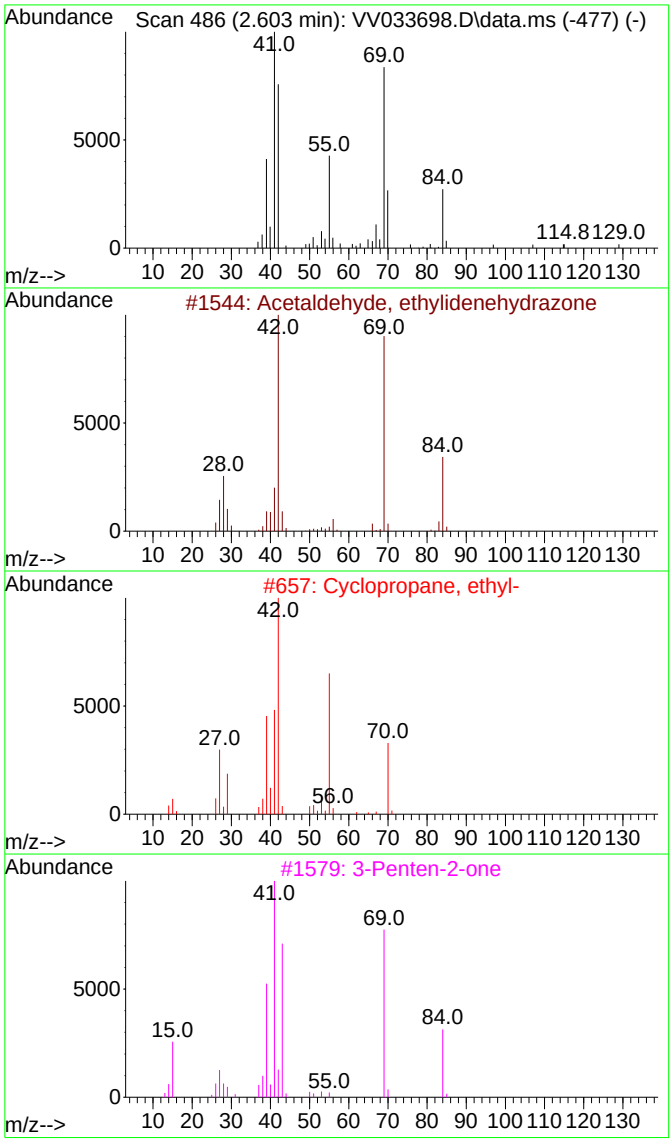
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

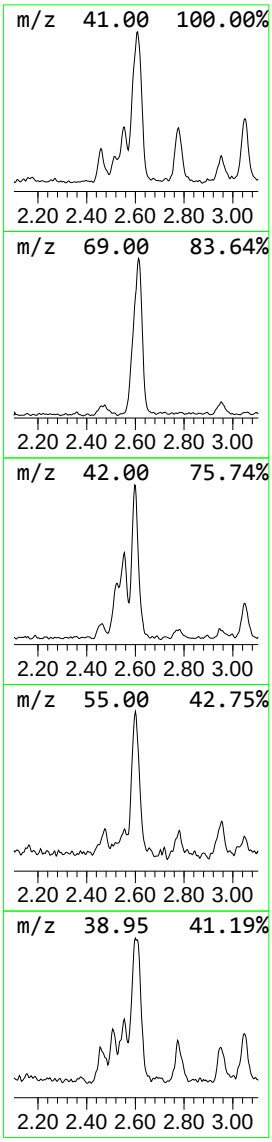
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Acetaldehyde, ethylidenehyd... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.603	1.53 ug/L	99000	1,4-Difluorobenzene	5.603

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde, ethylidenehydrazone	84	C4H8N2	000592-56-3	50
2	Cyclopropane, ethyl-	70	C5H10	001191-96-4	46
3	3-Penten-2-one	84	C5H8O	000625-33-2	46
4	Cyclopropane, ethyl-	70	C5H10	001191-96-4	46
5	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033698.D
Acq On : 17 Jan 2024 02:32
Operator : SY/MD
Sample : P1143-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AX8

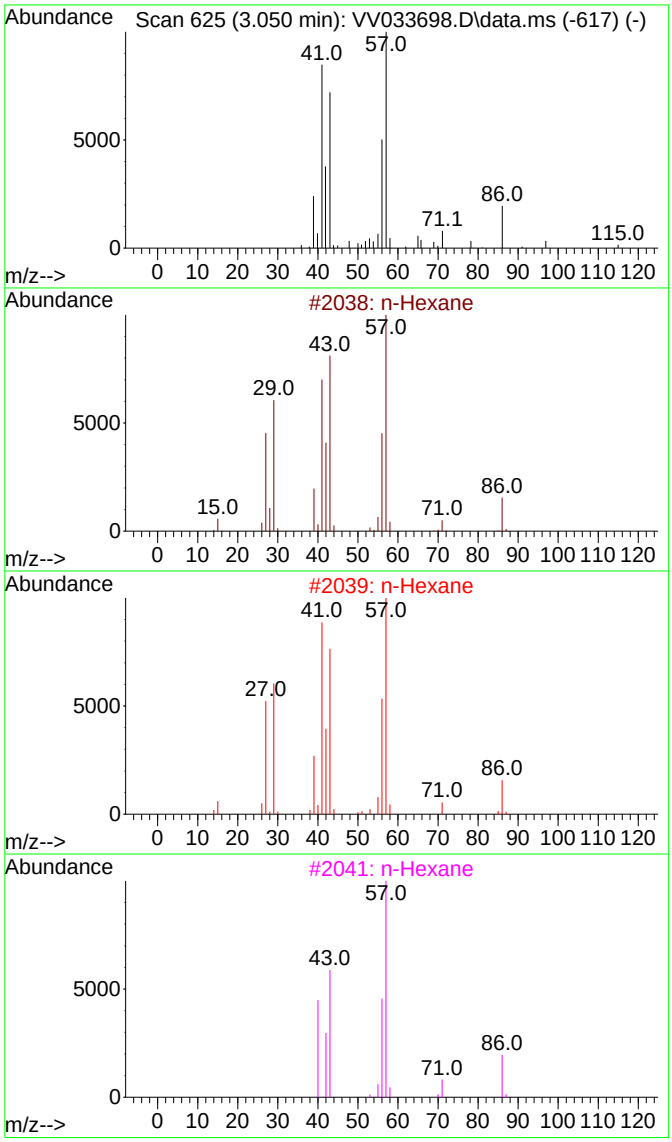
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

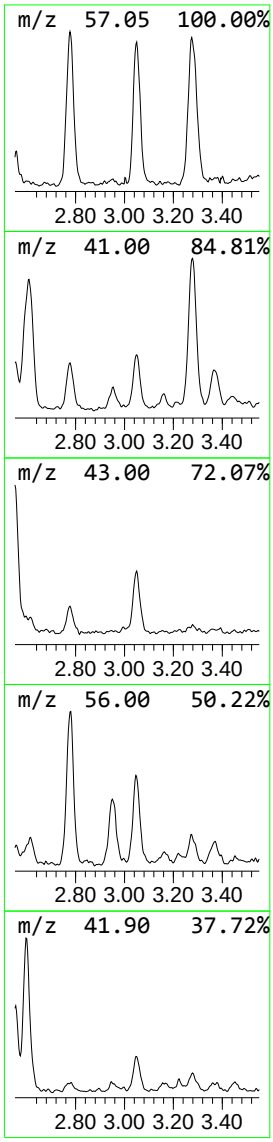
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.050	0.53 ug/L	34132	1,4-Difluorobenzene	5.603

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	87
2	n-Hexane	86	C6H14	000110-54-3	87
3	n-Hexane	86	C6H14	000110-54-3	64
4	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	64
5	n-Hexane	86	C6H14	000110-54-3	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033698.D
Acq On : 17 Jan 2024 02:32
Operator : SY/MD
Sample : P1143-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AX8

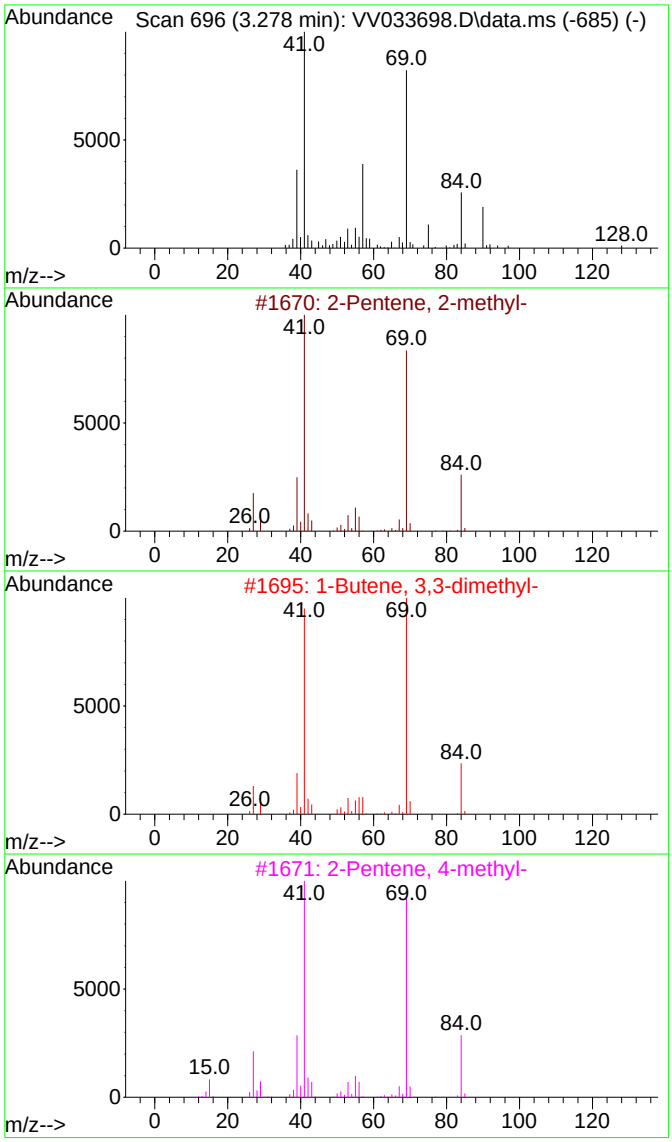
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

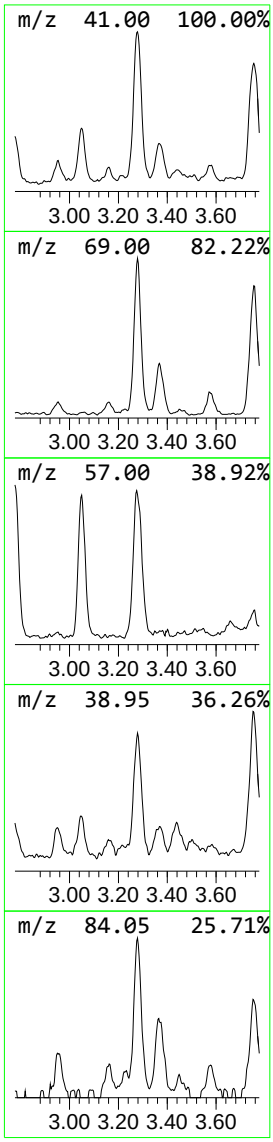
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.278	1.39 ug/L	89855	1,4-Difluorobenzene	5.603

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 2-methyl-	84	C6H12	000625-27-4	70
2	1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	64
3	2-Pentene, 4-methyl-	84	C6H12	004461-48-7	58
4	2-Pentene, 4-methyl-, (E)-	84	C6H12	000674-76-0	58
5	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033698.D
Acq On : 17 Jan 2024 02:32
Operator : SY/MD
Sample : P1143-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AX8

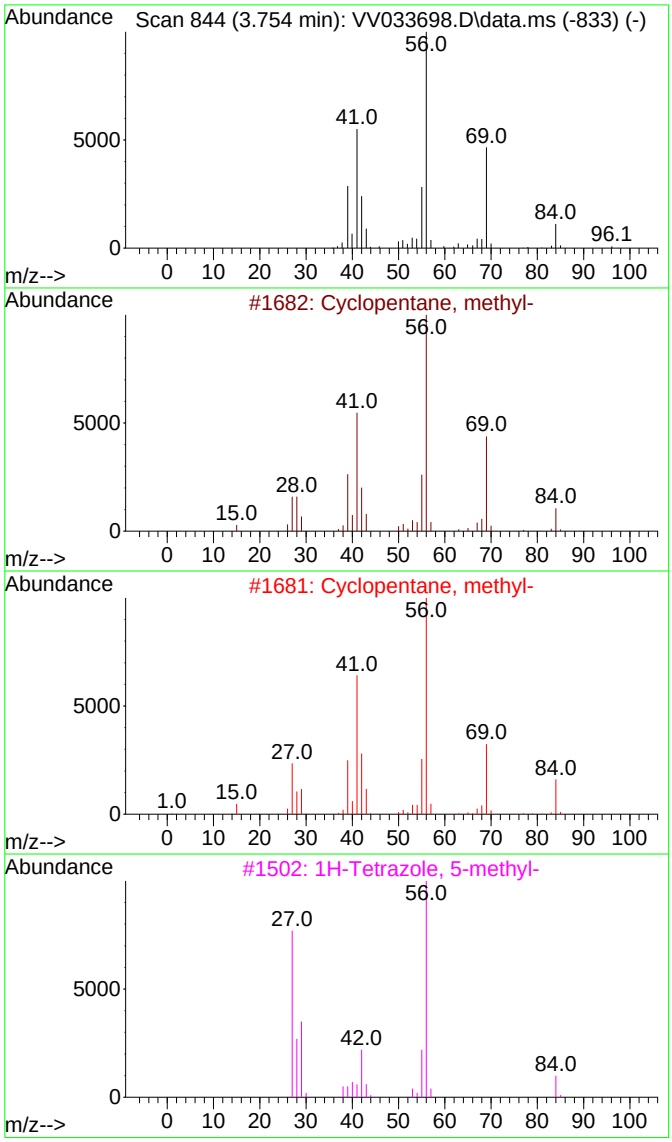
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

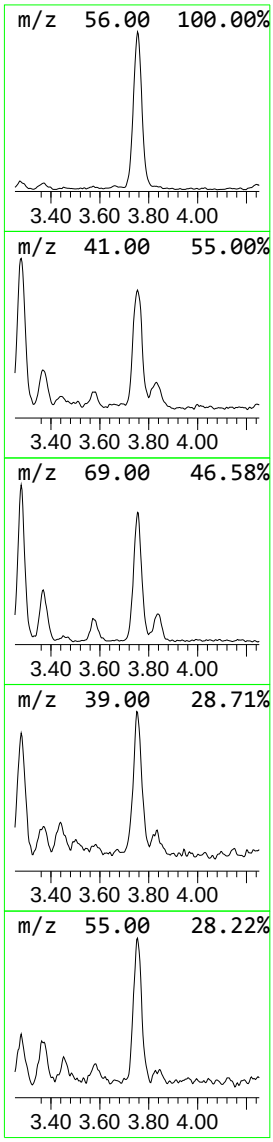
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic3.754 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.754	1.65 ug/L	106807	1,4-Difluorobenzene	5.603

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	90
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	86
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80
4	Cyclohexane	84	C6H12	000110-82-7	78
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	78





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Data File : VV033698.D
Acq On : 17 Jan 2024 02:32
Operator : SY/MD
Sample : P1143-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AX8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

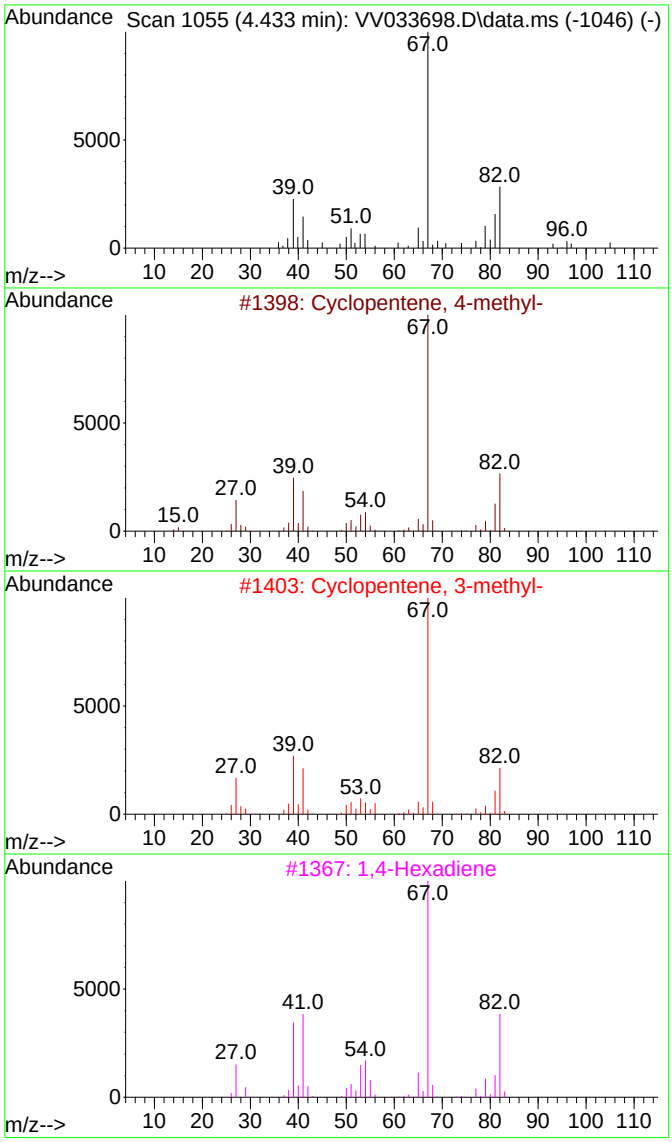
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

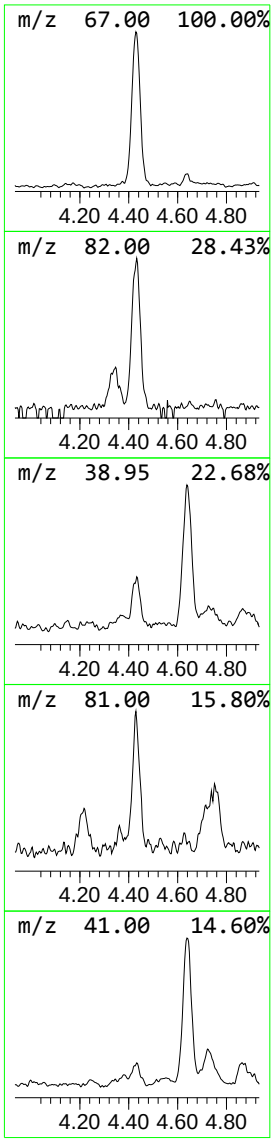
****

Peak Number 7 Cyclopentene, 4-methyl- Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.433	0.69 ug/L	44488	1,4-Difluorobenzene	5.603

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 4-methyl-	82	C6H10	001759-81-5	80
2	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	80
3	1,4-Hexadiene	82	C6H10	000592-45-0	80
4	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	72
5	2,4-Hexadiene	82	C6H10	000592-46-1	72





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Acq On : 17 Jan 2024 02:32
Operator : SY/MD
Sample : P1143-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AX8

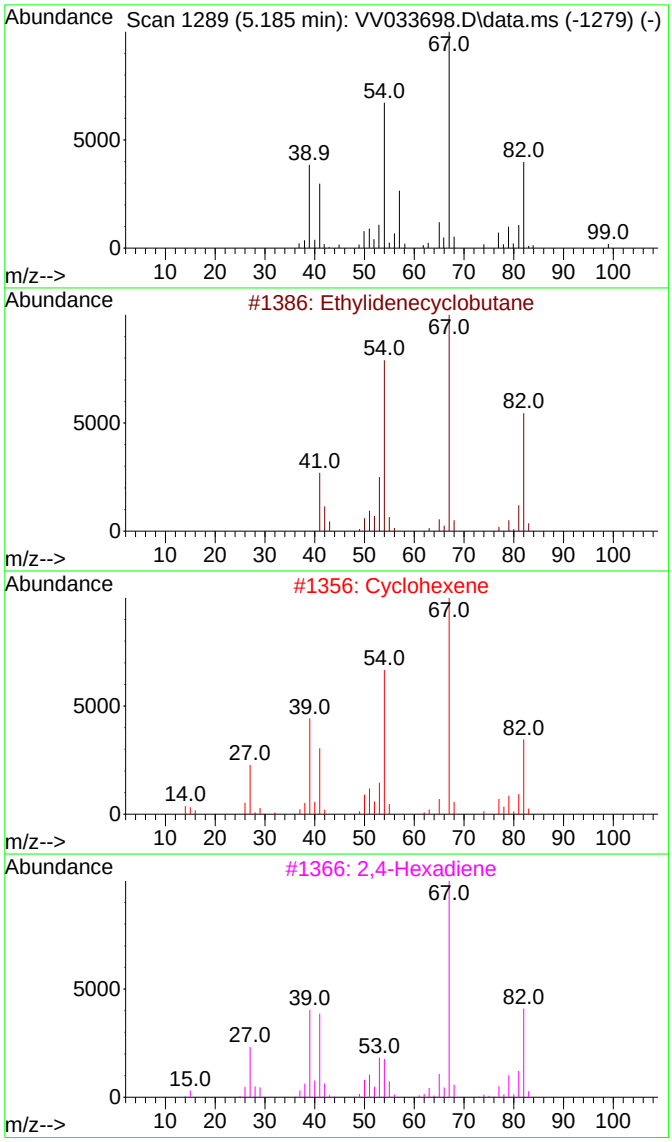
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

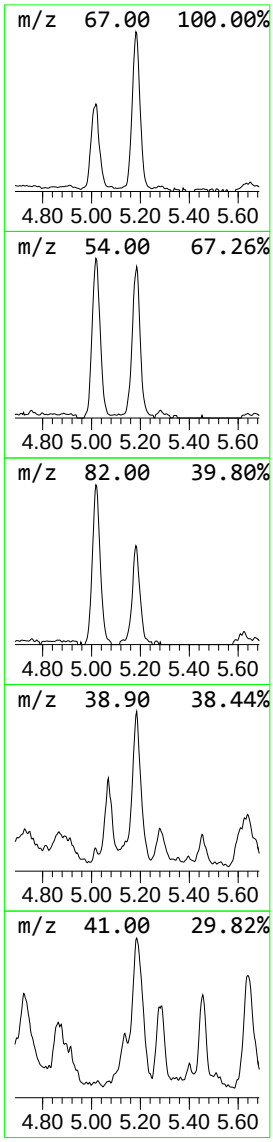
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Ethylidenecyclobutane Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.185	1.66 ug/L	107071	1,4-Difluorobenzene	5.603

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylidenecyclobutane	82	C6H10	001528-21-8	86
2	Cyclohexene	82	C6H10	000110-83-8	86
3	2,4-Hexadiene	82	C6H10	000592-46-1	81
4	C2H5CH=CHCH=CH2	82	C6H10	000592-48-3	81
5	Cyclobutane, ethenyl-	82	C6H10	002597-49-1	76





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Data File : VV033698.D
Acq On : 17 Jan 2024 02:32
Operator : SY/MD
Sample : P1143-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AX8

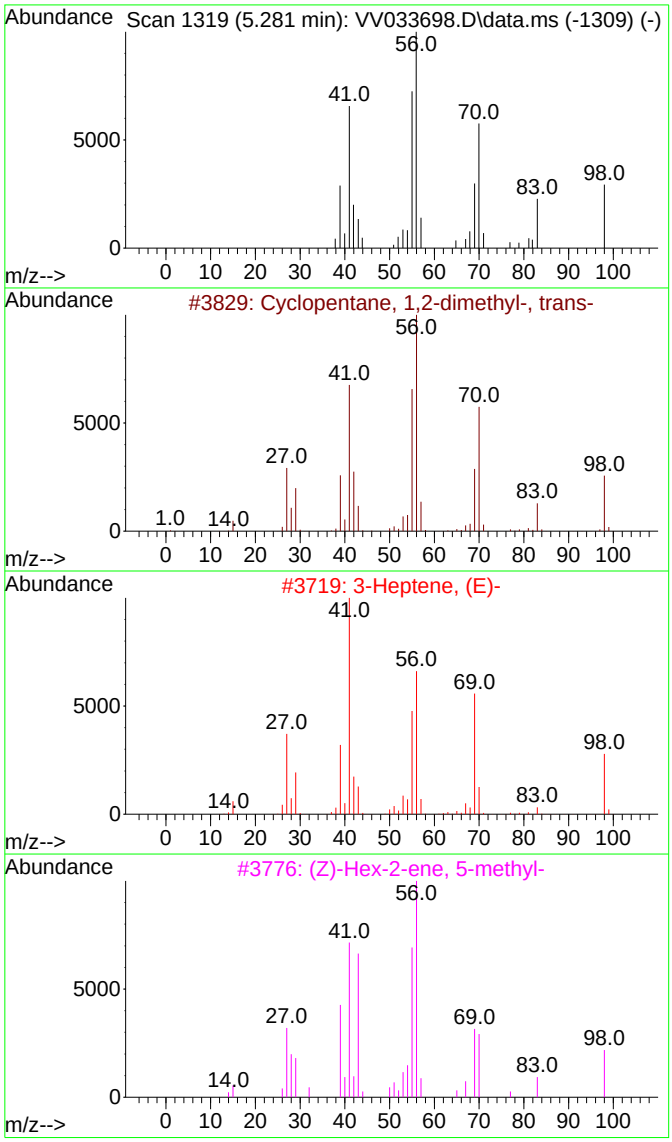
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

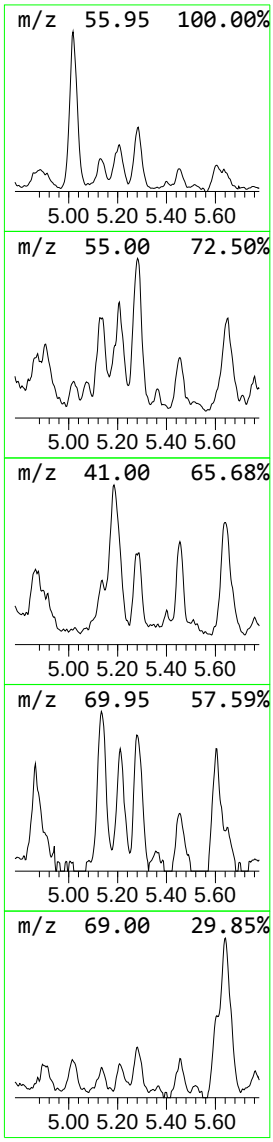
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Cyclic5.281 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.281	0.55 ug/L	35502	1,4-Difluorobenzene	5.603

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	90
2	3-Heptene, (E)-	98	C7H14	014686-14-7	59
3	(Z)-Hex-2-ene, 5-methyl-	98	C7H14	013151-17-2	53
4	(Z)-3-Heptene	98	C7H14	007642-10-6	53
5	5-Methyl-2-hexene,c&t	98	C7H14	003404-62-4	53





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Data File : VV033698.D
Acq On : 17 Jan 2024 02:32
Operator : SY/MD
Sample : P1143-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AX8

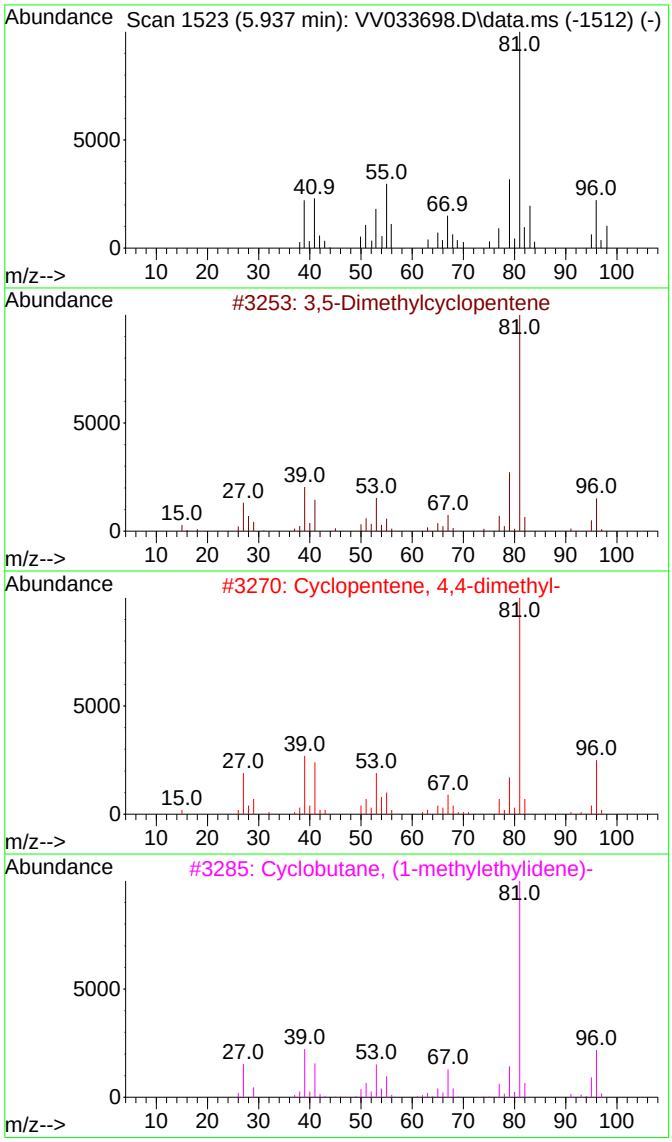
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

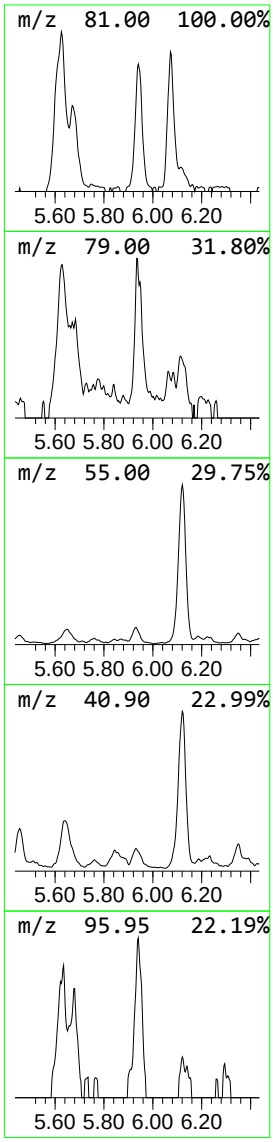
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 3,5-Dimethylcyclopentene Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.937	0.61 ug/L	39095	1,4-Difluorobenzene	5.603

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	81
2	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	76
3	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	76
4	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	76
5	2-Hexyne, 4-methyl-	96	C7H12	020198-49-6	72





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Acq On : 17 Jan 2024 02:32
Operator : SY/MD
Sample : P1143-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AX8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

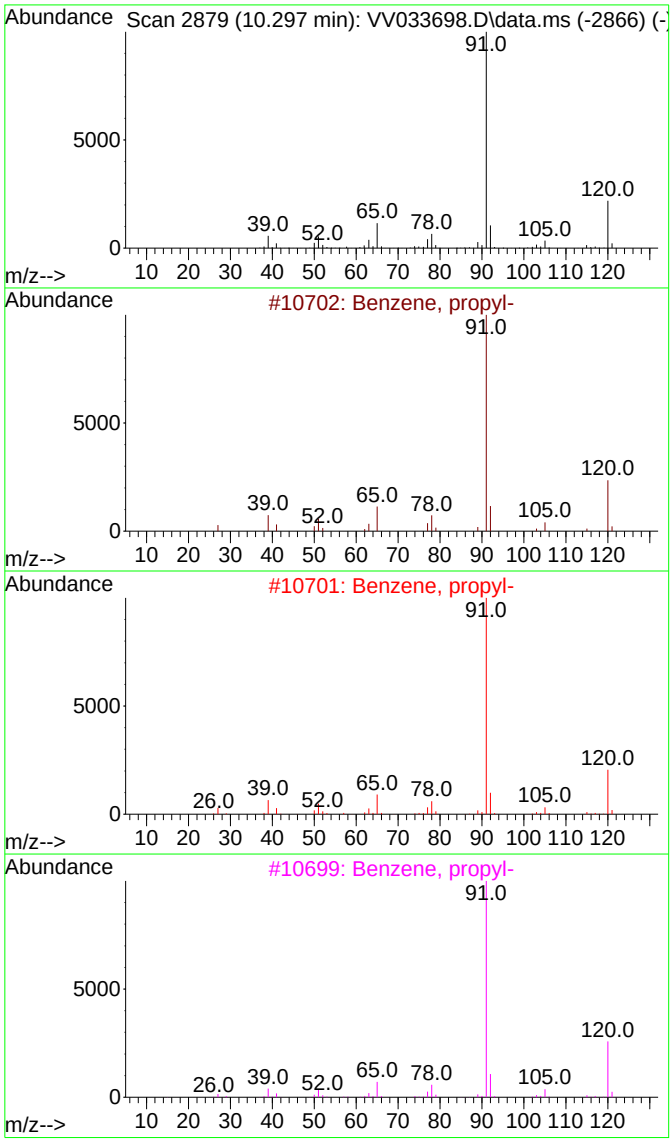
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

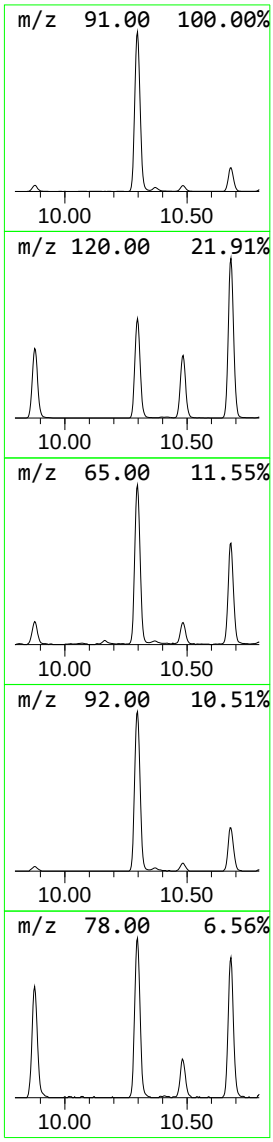
****

Peak Number 15 Benzene, propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.297	7.34 ug/L	906740	1,4-Dichlorobenzene-d4	11.191

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	90
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033698.D
Acq On : 17 Jan 2024 02:32
Operator : SY/MD
Sample : P1143-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AX8

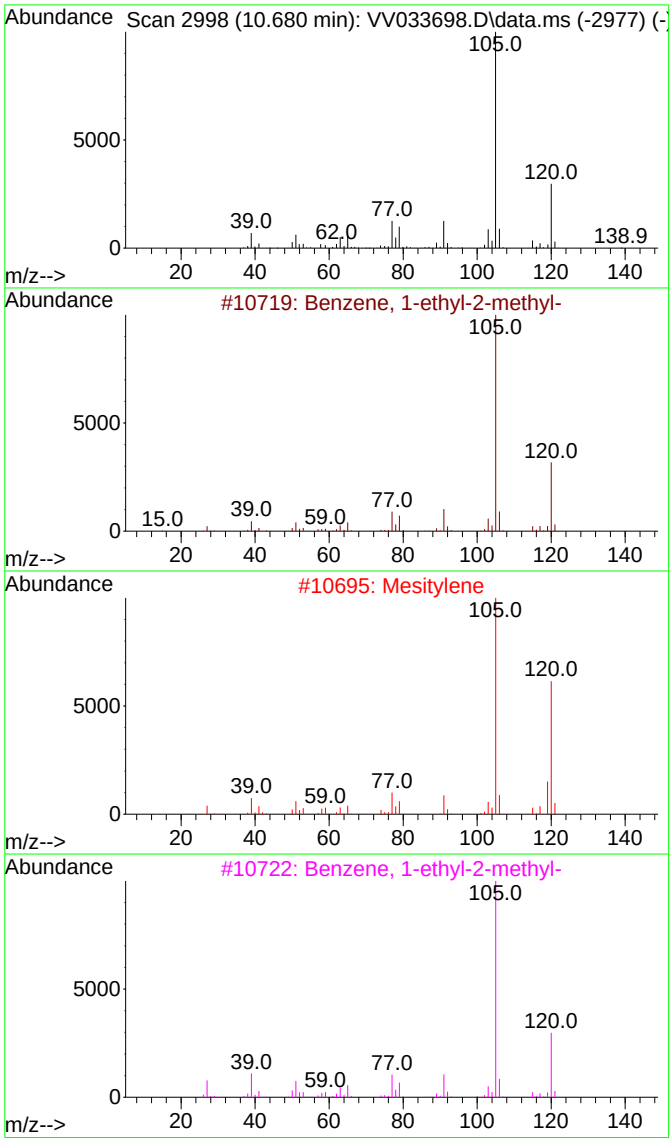
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

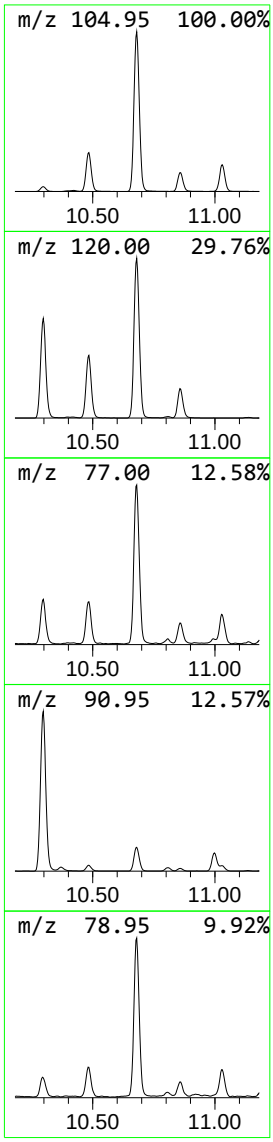
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.680	11.35 ug/L	1401490	1,4-Dichlorobenzene-d4	11.191

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





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Data File : VV033698.D
Acq On : 17 Jan 2024 02:32
Operator : SY/MD
Sample : P1143-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AX8

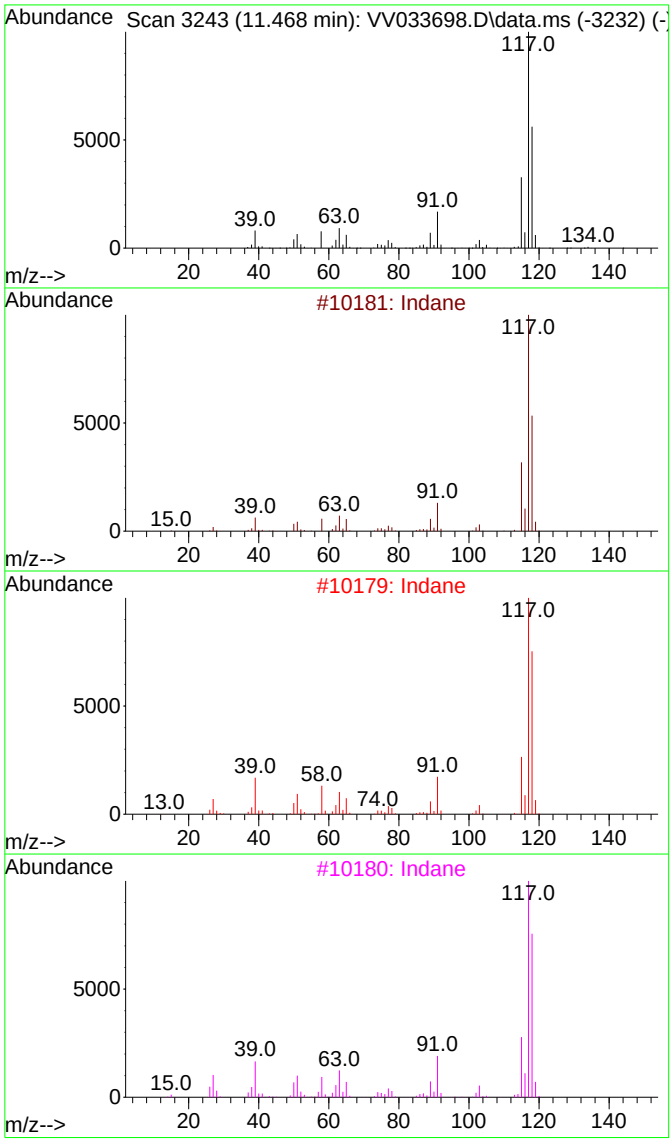
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

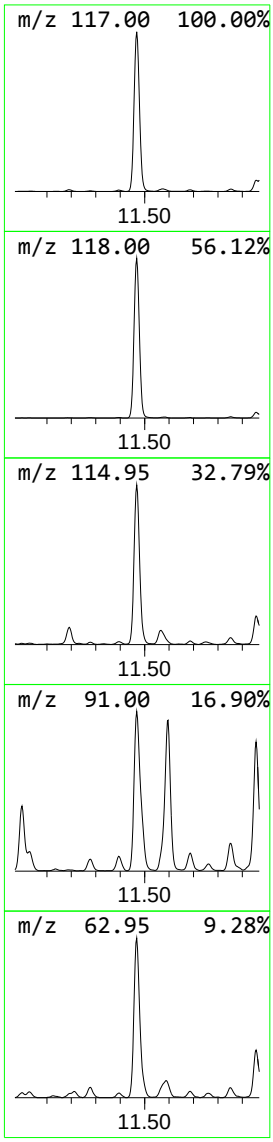
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.468	21.37 ug/L	2639640	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	93
3	Indane	118	C9H10	000496-11-7	90
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	81
5	Deltacyclene	118	C9H10	007785-10-6	64





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Data File : VV033698.D
Acq On : 17 Jan 2024 02:32
Operator : SY/MD
Sample : P1143-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AX8

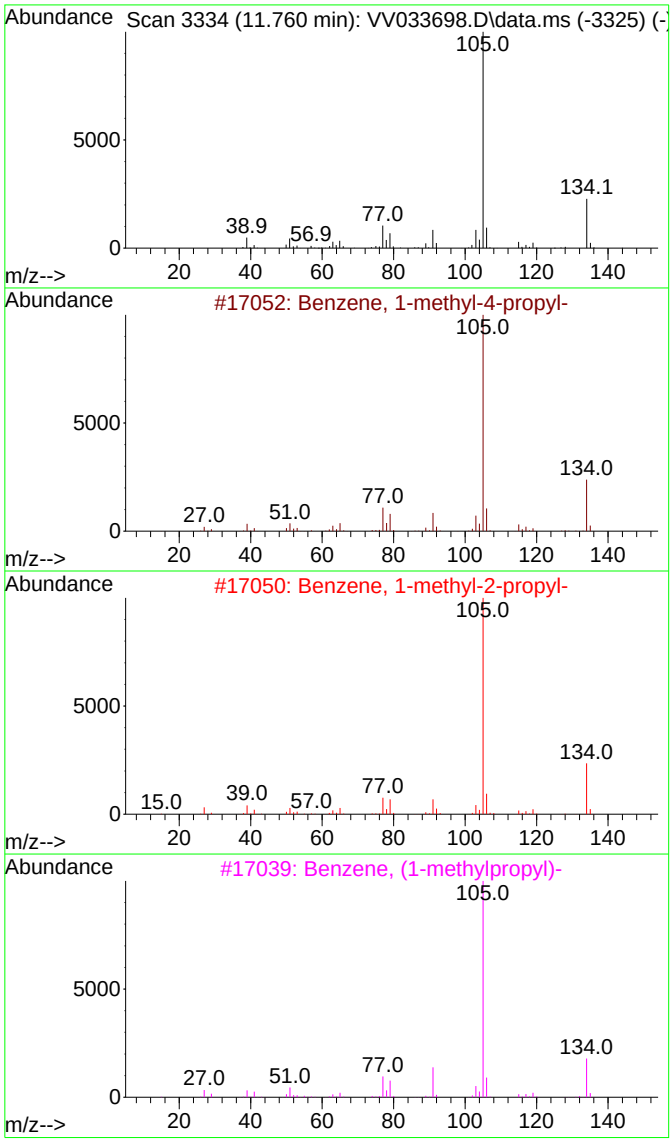
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

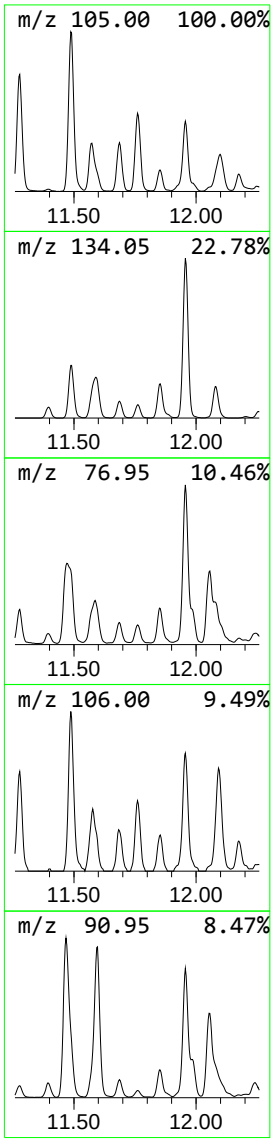
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Benzene, 1-methyl-4-propyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.760	1.20 ug/L	148632	1,4-Dichlorobenzene-d4	11.191

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





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Data File : VV033698.D
Acq On : 17 Jan 2024 02:32
Operator : SY/MD
Sample : P1143-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AX8

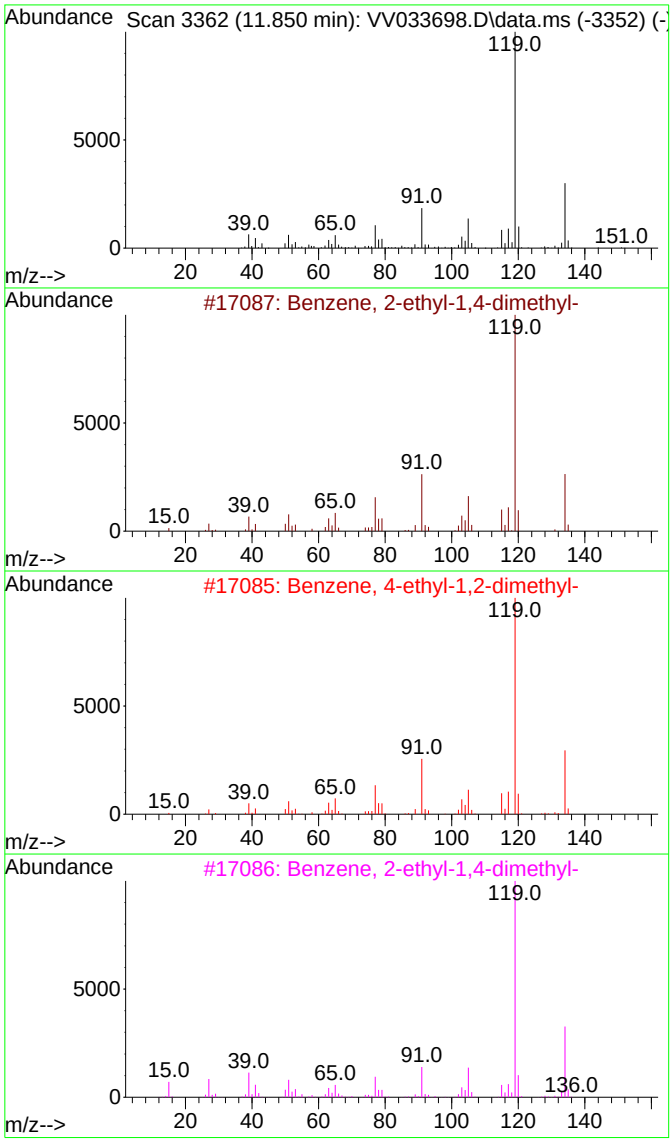
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

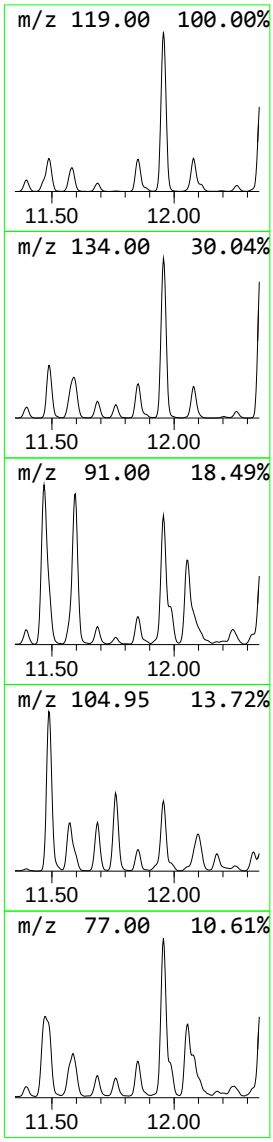
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.850	3.04 ug/L	375285	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	o-Cymene	134	C10H14	000527-84-4	95





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Operator : SY/MD
Sample : P1143-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AX8

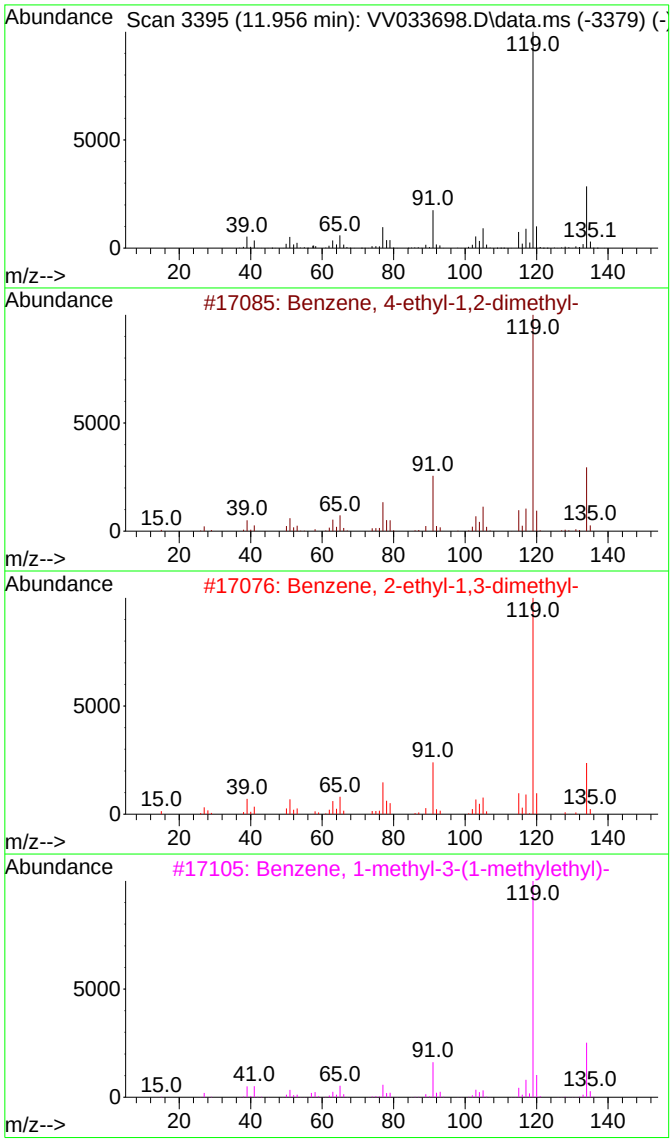
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

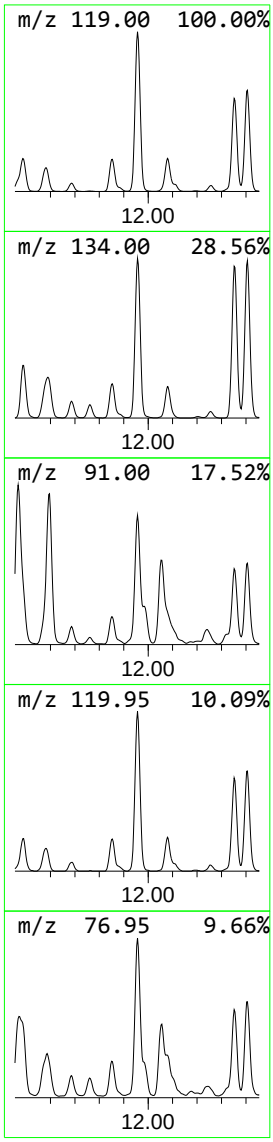
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.956	12.83 ug/L	1585130	1,4-Dichlorobenzene-d4	11.191

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





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Data File : VV033698.D
Acq On : 17 Jan 2024 02:32
Operator : SY/MD
Sample : P1143-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AX8

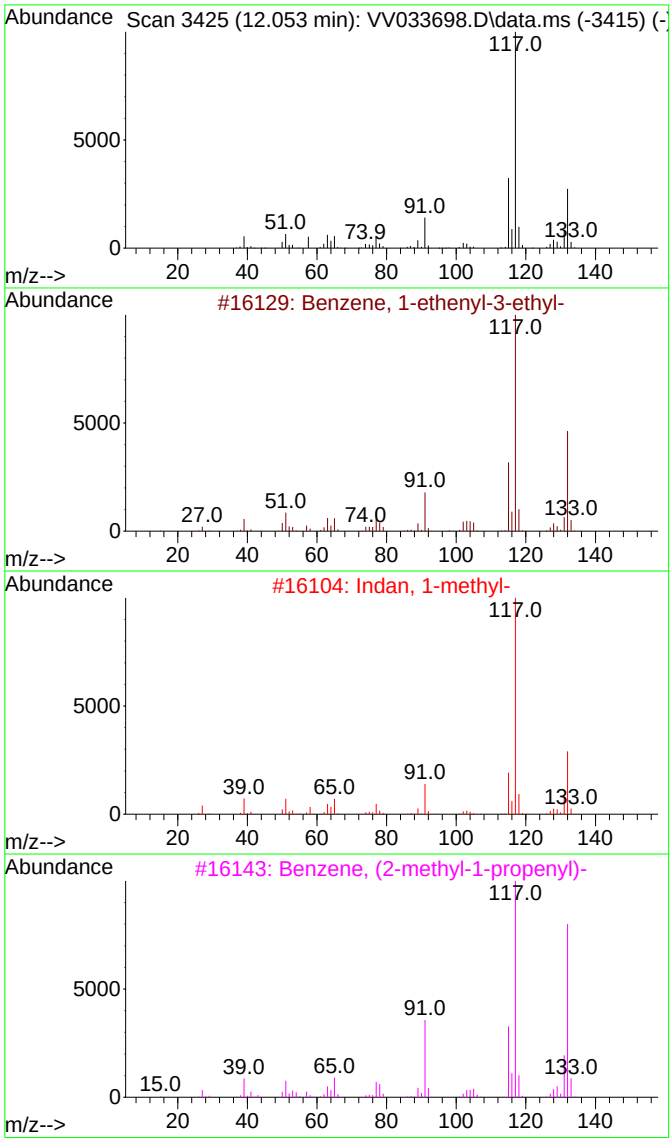
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

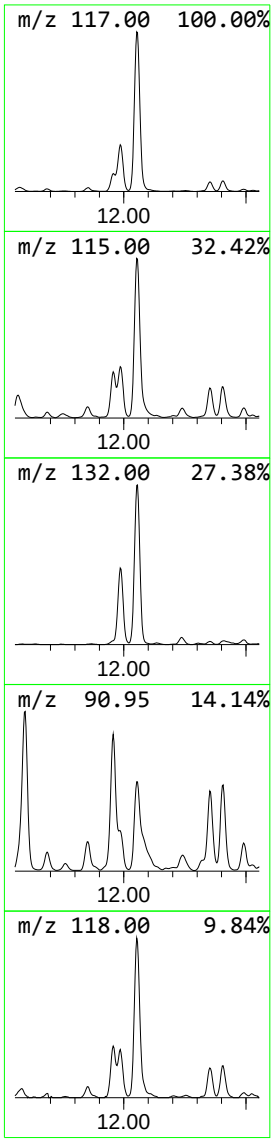
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.053	14.37 ug/L	1774530	1,4-Dichlorobenzene-d4	11.191

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





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Data File : VV033698.D
Acq On : 17 Jan 2024 02:32
Operator : SY/MD
Sample : P1143-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AX8

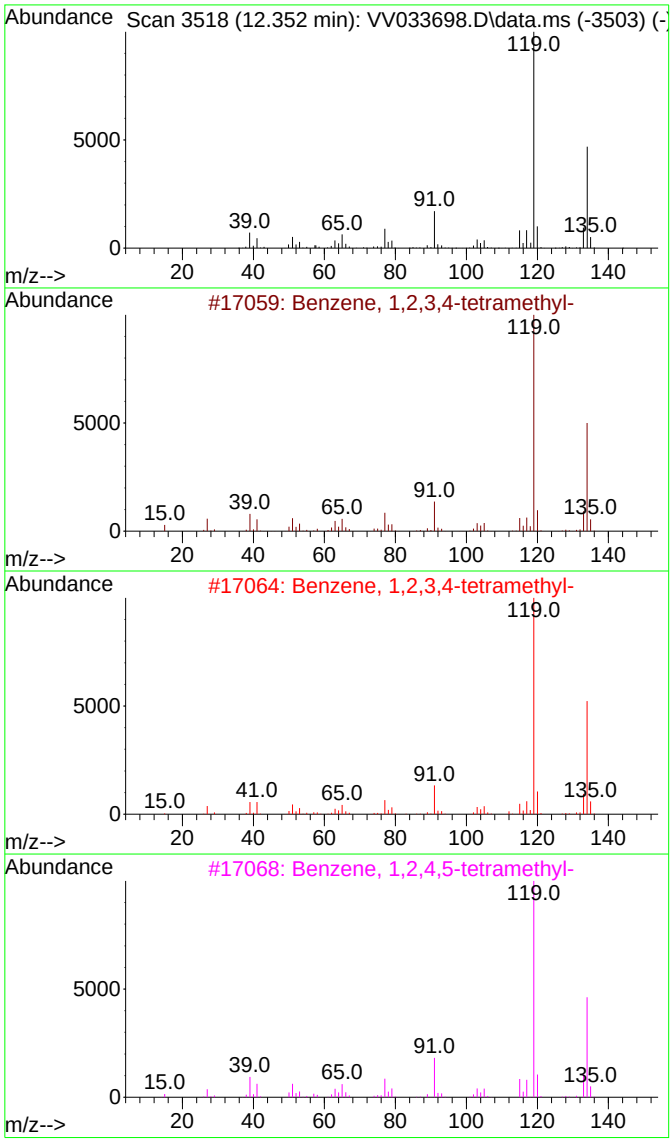
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

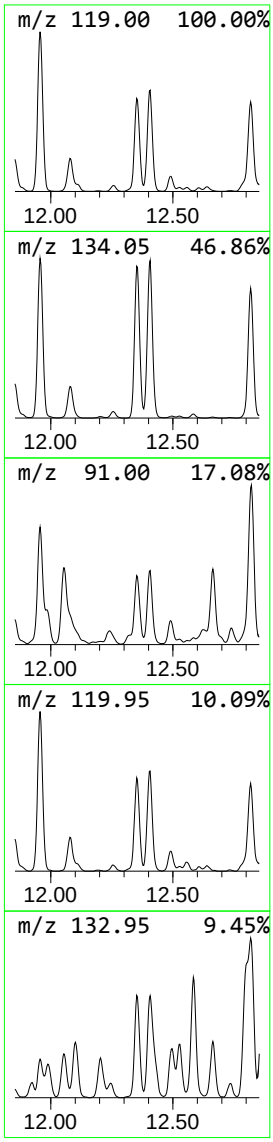
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.352	7.76 ug/L	958256	1,4-Dichlorobenzene-d4	11.191

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, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





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Data File : VV033698.D
Acq On : 17 Jan 2024 02:32
Operator : SY/MD
Sample : P1143-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AX8

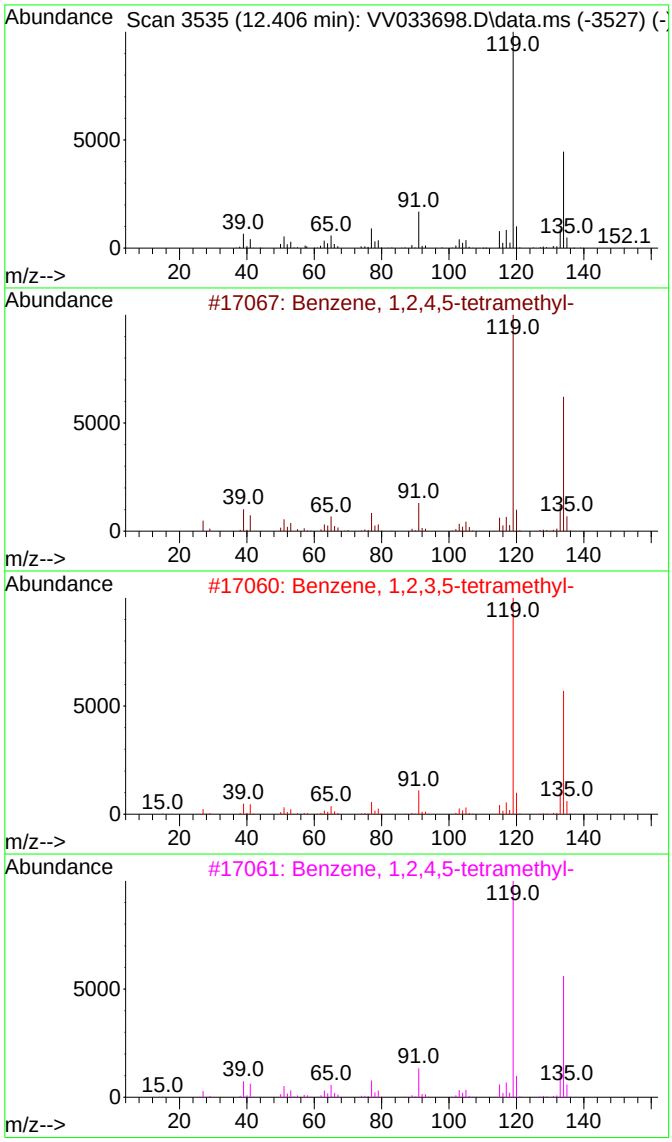
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

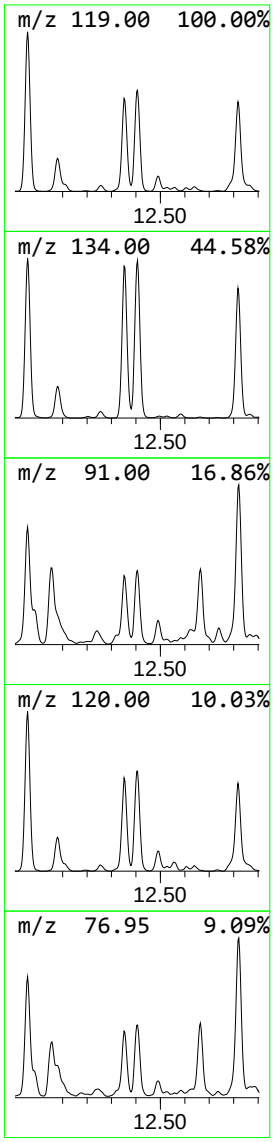
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.406	8.26 ug/L	1019870	1,4-Dichlorobenzene-d4	11.191

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	95
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94





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Data File : VV033698.D
Acq On : 17 Jan 2024 02:32
Operator : SY/MD
Sample : P1143-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AX8

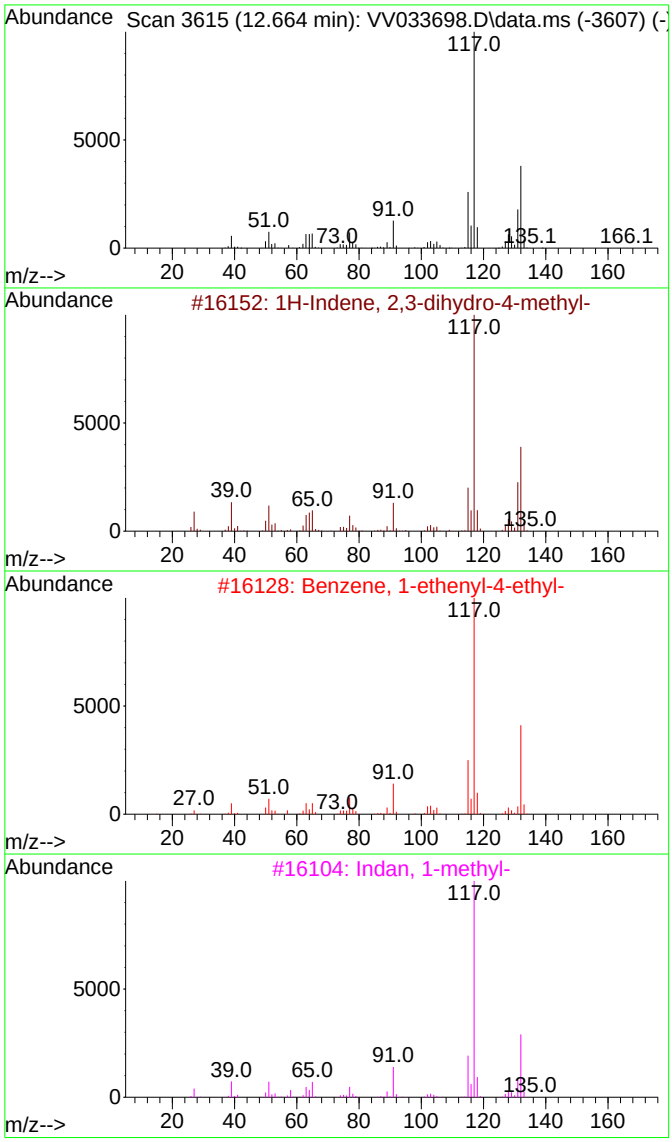
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

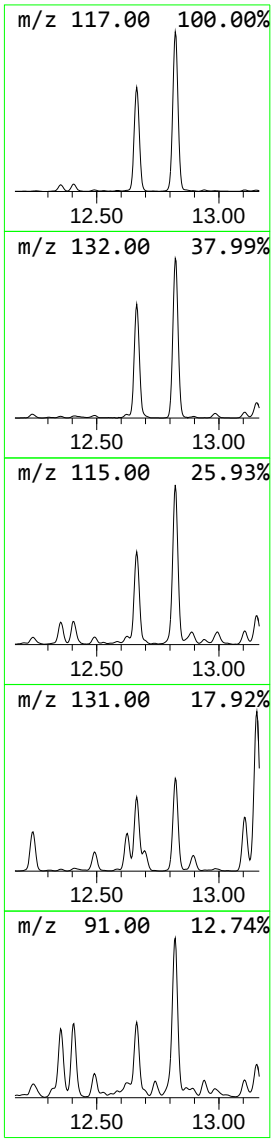
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.664	11.31 ug/L	1397570	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	Indan, 1-methyl-	132	C10H12	000767-58-8	91
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033698.D
Acq On : 17 Jan 2024 02:32
Operator : SY/MD
Sample : P1143-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AX8

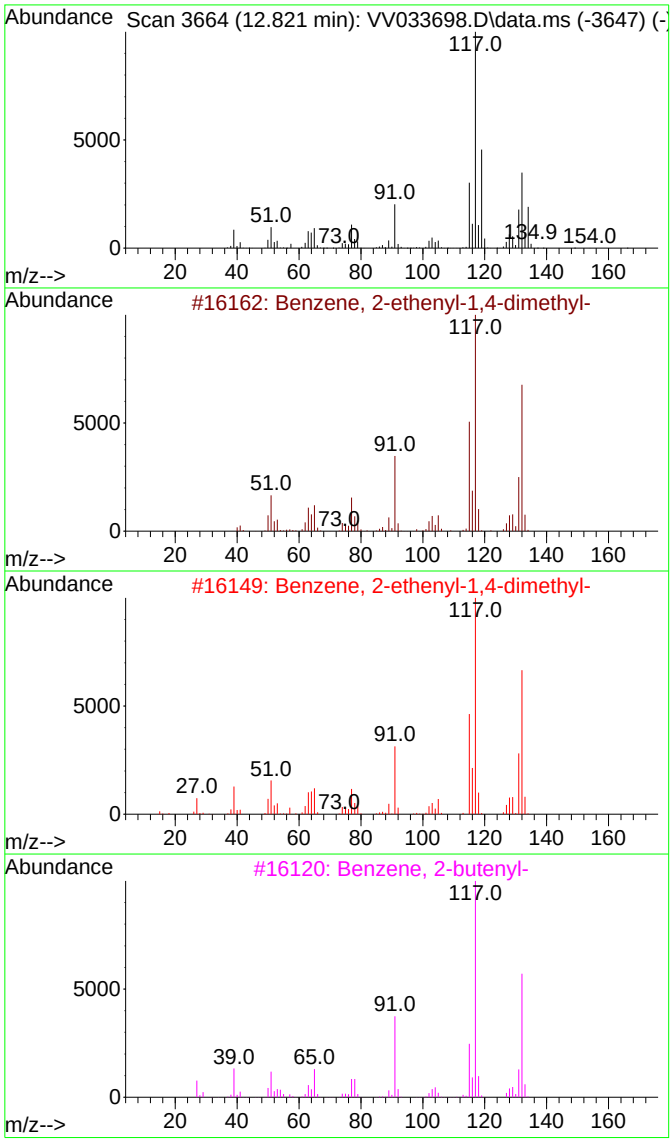
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

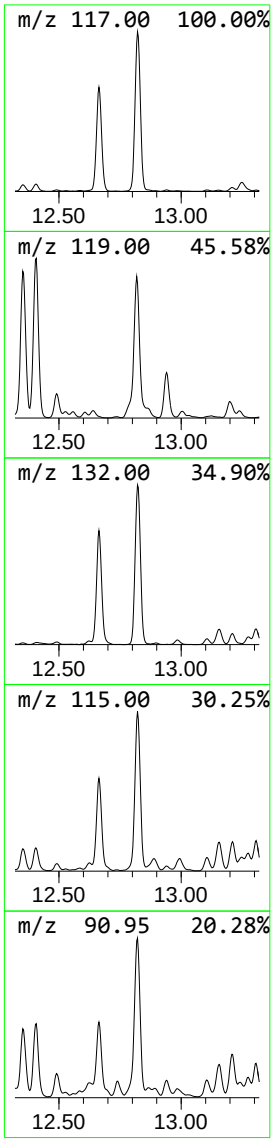
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.821	23.89 ug/L	2950800	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
4	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	70
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033698.D
Acq On : 17 Jan 2024 02:32
Operator : SY/MD
Sample : P1143-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AX8

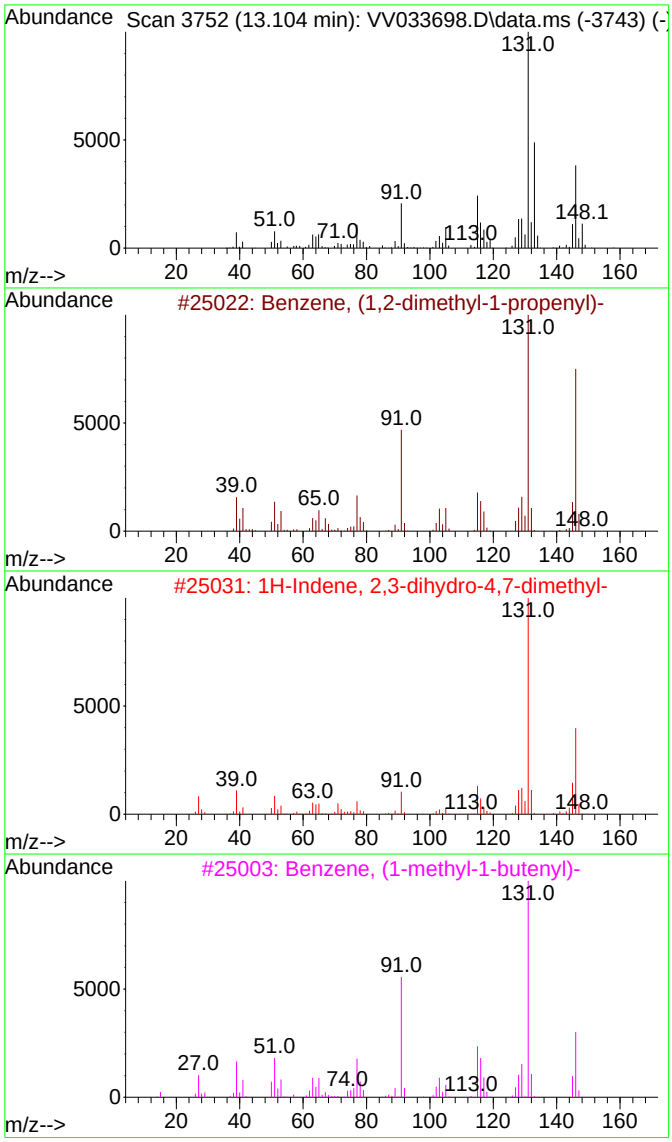
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

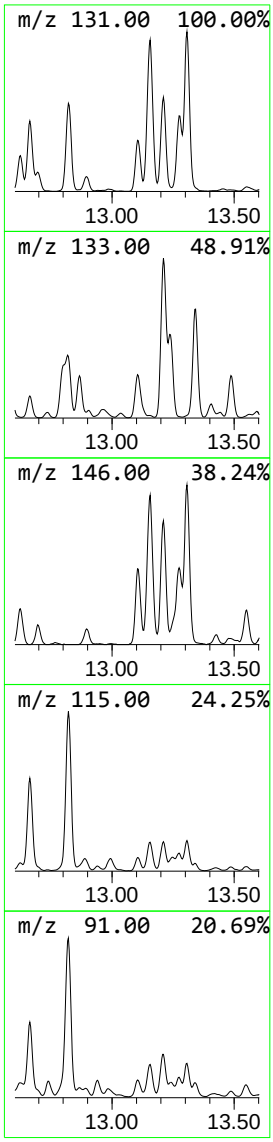
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.104	2.49 ug/L	307351	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	95
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	93
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	89
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	89





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033698.D
Acq On : 17 Jan 2024 02:32
Operator : SY/MD
Sample : P1143-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AX8

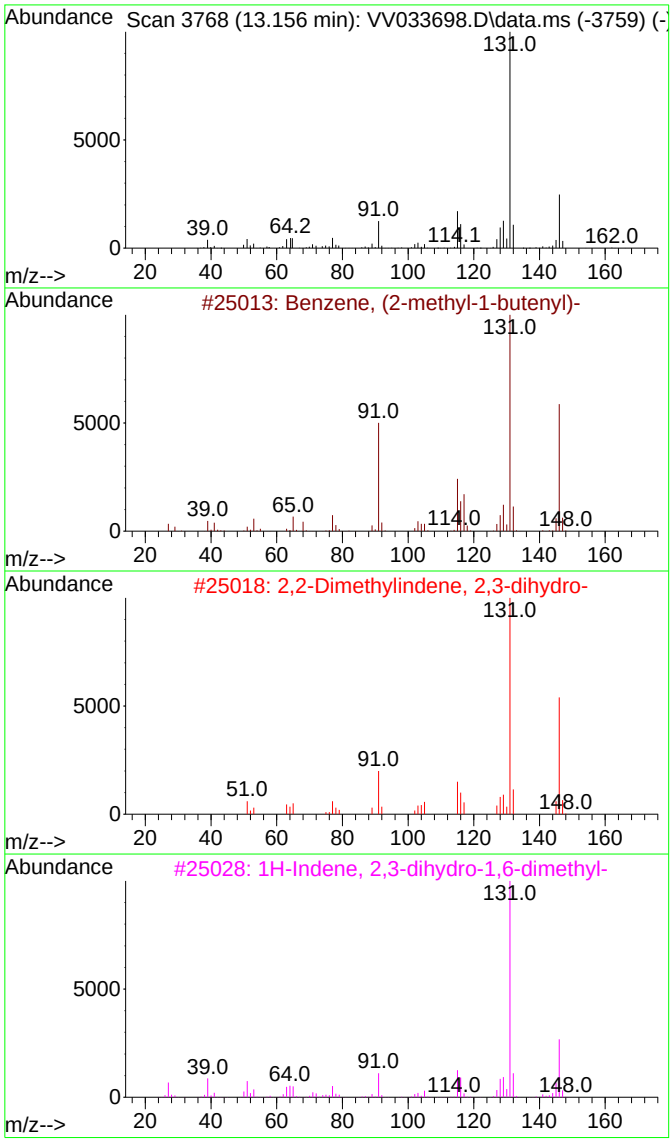
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

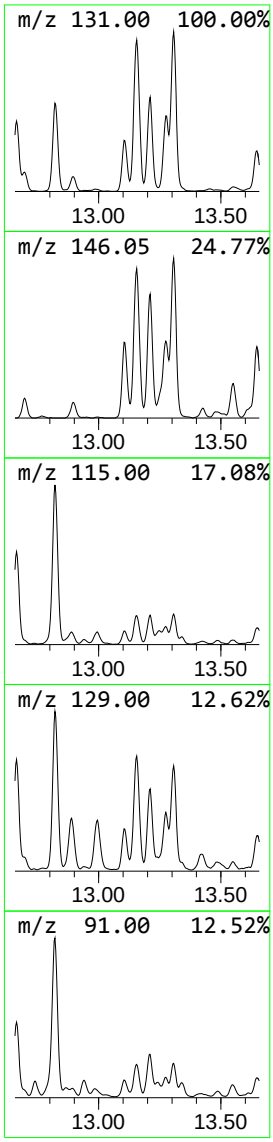
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 Benzene, (2-methyl-1-butenyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.156	4.12 ug/L	508449	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	95
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	94
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
4	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033698.D
Acq On : 17 Jan 2024 02:32
Operator : SY/MD
Sample : P1143-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AX8

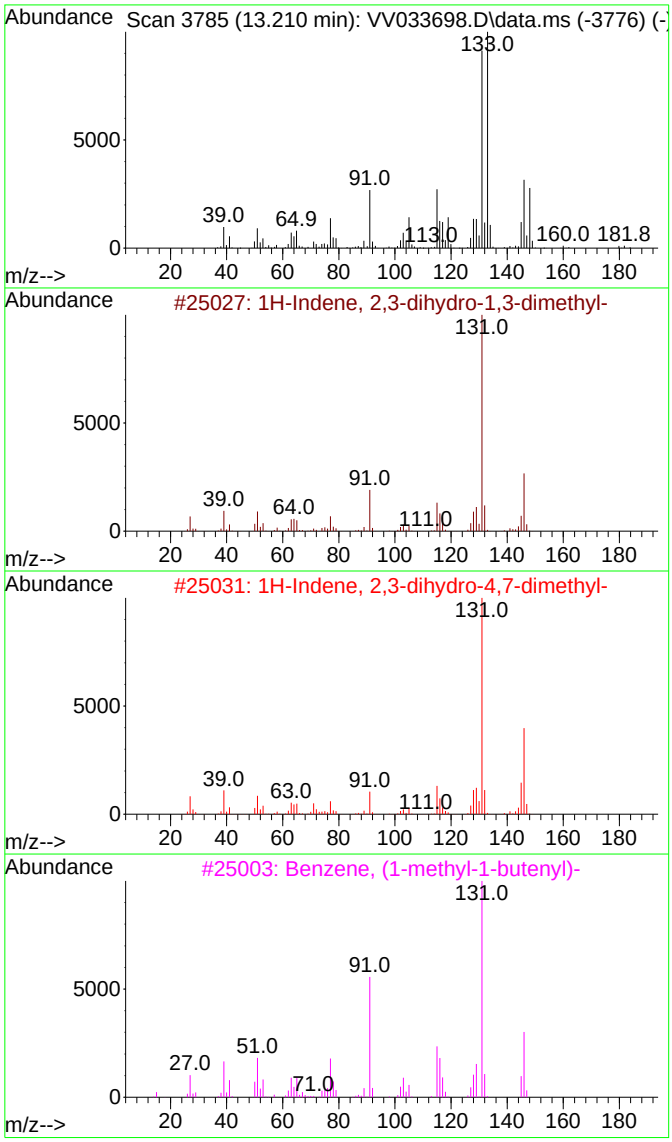
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

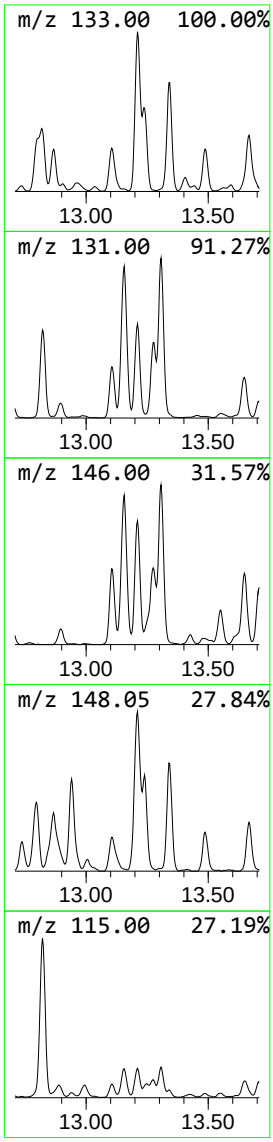
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.210	5.61 ug/L	693349	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	89
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	89
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	87
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	74
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033698.D
Acq On : 17 Jan 2024 02:32
Operator : SY/MD
Sample : P1143-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AX8

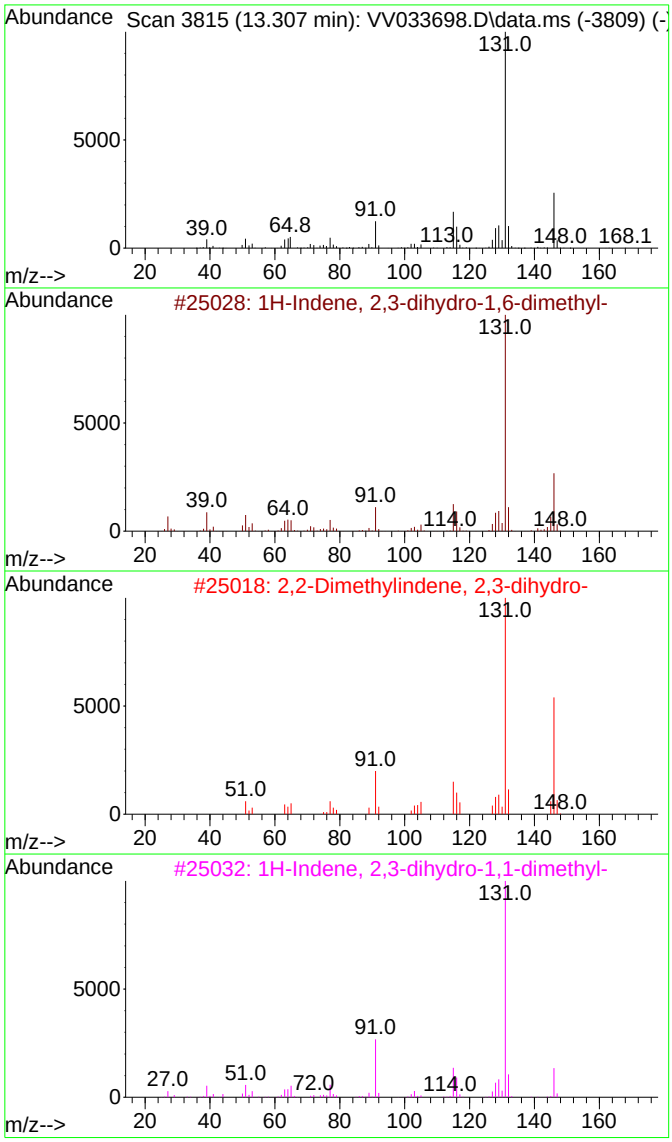
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

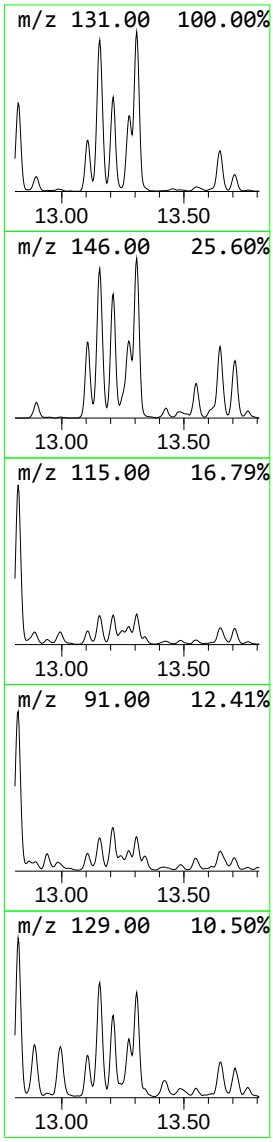
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.307	2.98 ug/L	368002	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
3	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	91
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91





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Data File : VV033698.D
Acq On : 17 Jan 2024 02:32
Operator : SY/MD
Sample : P1143-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AX8

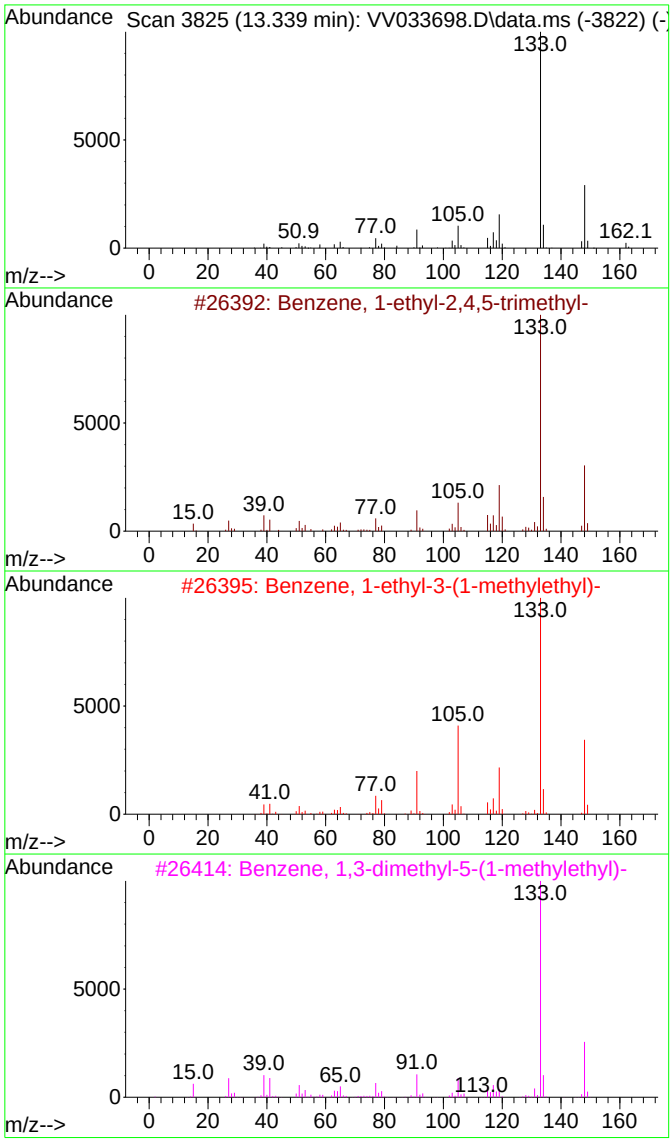
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

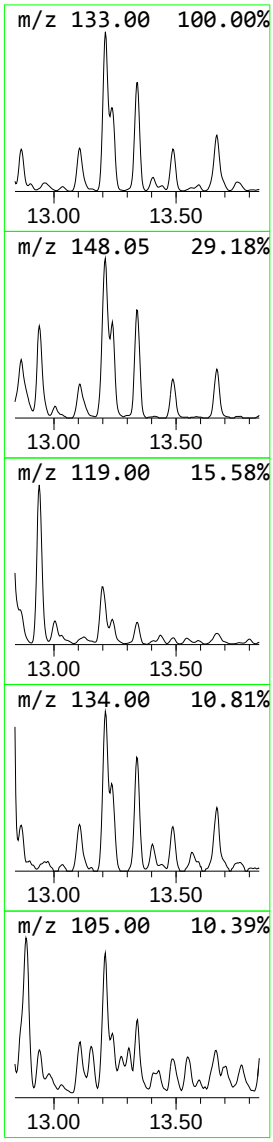
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 Benzene, 1-ethyl-2,4,5-trim... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.339	1.69 ug/L	208217	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	91
2	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	87
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	87
4	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	87
5	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	86





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Data File : VV033698.D
Acq On : 17 Jan 2024 02:32
Operator : SY/MD
Sample : P1143-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AX8

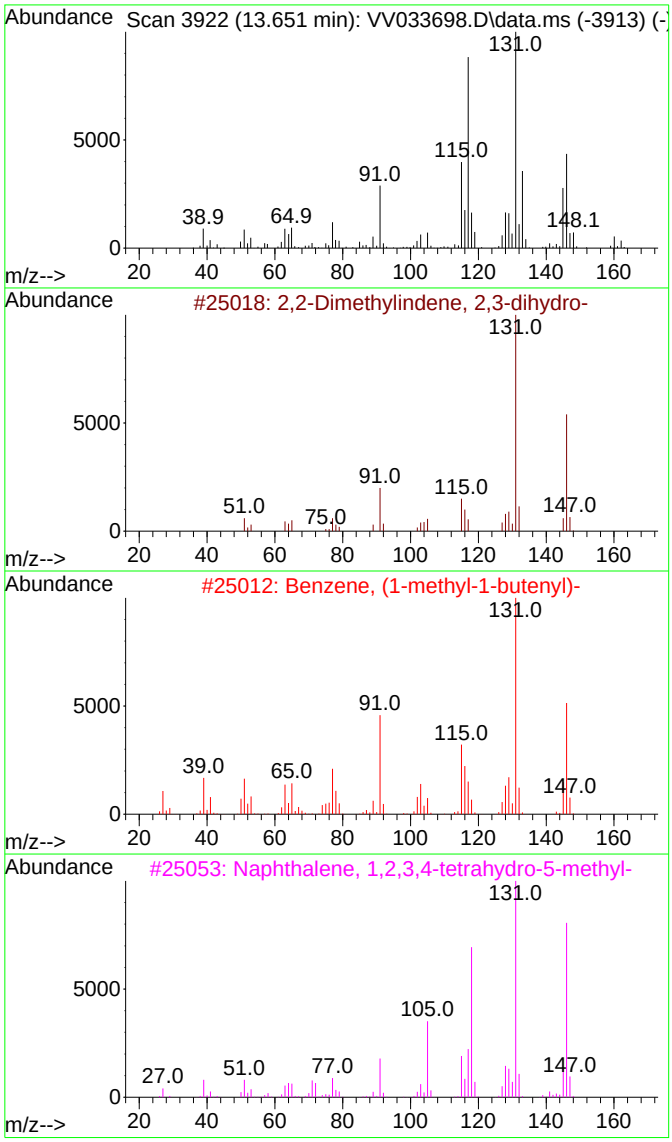
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

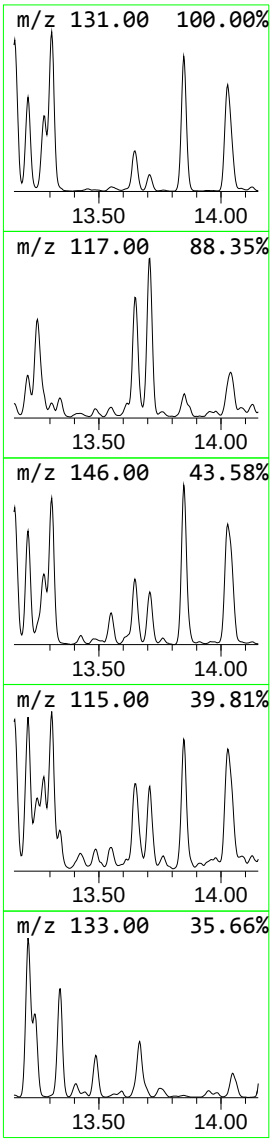
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 2,2-Dimethylindene, 2,3-dih... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.651	2.86 ug/L	352679	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	64
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	64
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	64
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	55
5	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033698.D
Acq On : 17 Jan 2024 02:32
Operator : SY/MD
Sample : P1143-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AX8

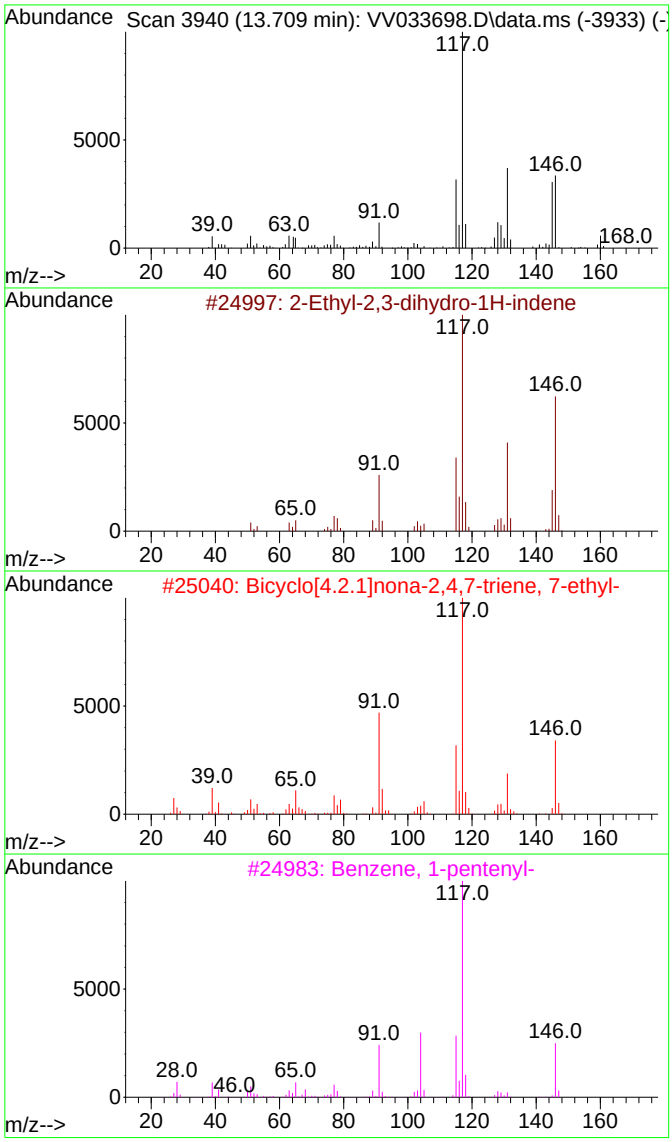
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

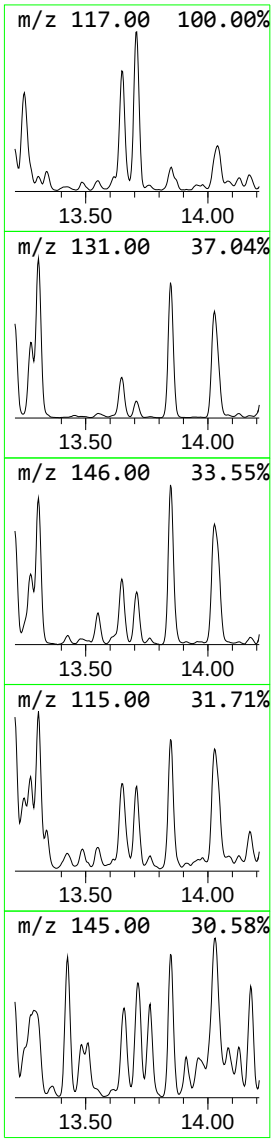
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 2-Ethyl-2,3-dihydro-1H-indene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.709	1.95 ug/L	241027	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	72
2	Bicyclo[4.2.1]nona-2,4,7-triene,...	146	C11H14	1000164-42-6	59
3	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	58
4	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	53
5	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033698.D
Acq On : 17 Jan 2024 02:32
Operator : SY/MD
Sample : P1143-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AX8

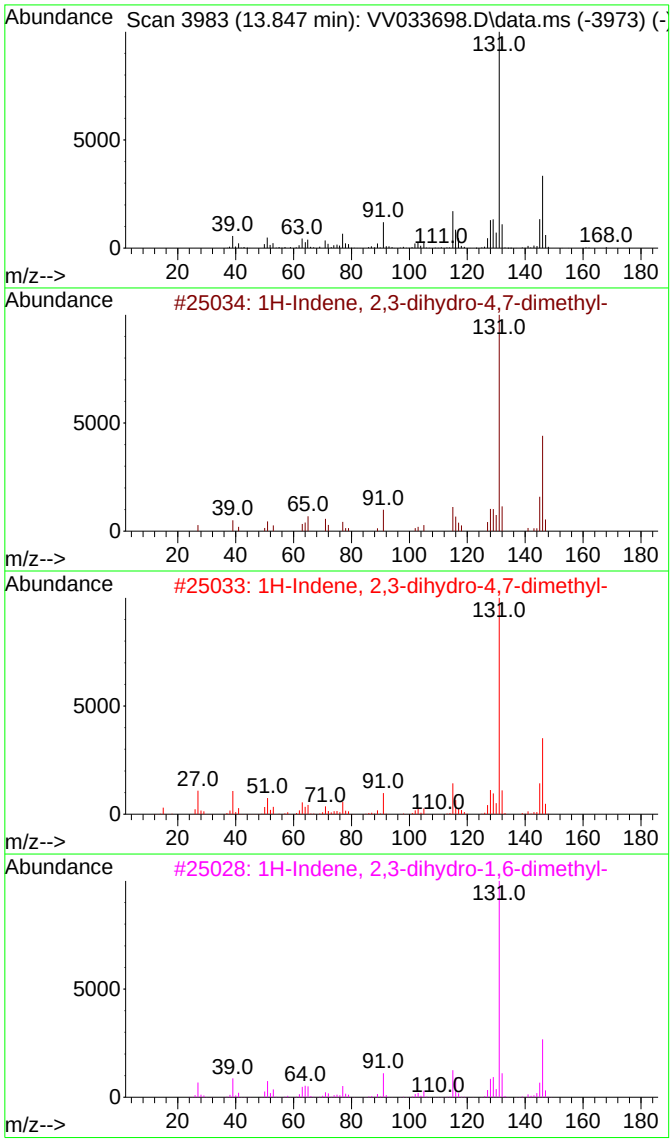
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

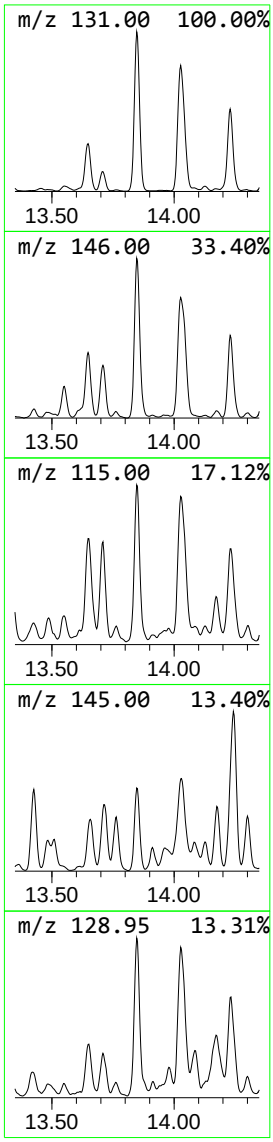
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.847	4.87 ug/L	601216	1,4-Dichlorobenzene-d4	11.191

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-1,6-dimet...	146	C11H14	017059-48-2	94
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
5	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033698.D
Acq On : 17 Jan 2024 02:32
Operator : SY/MD
Sample : P1143-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AX8

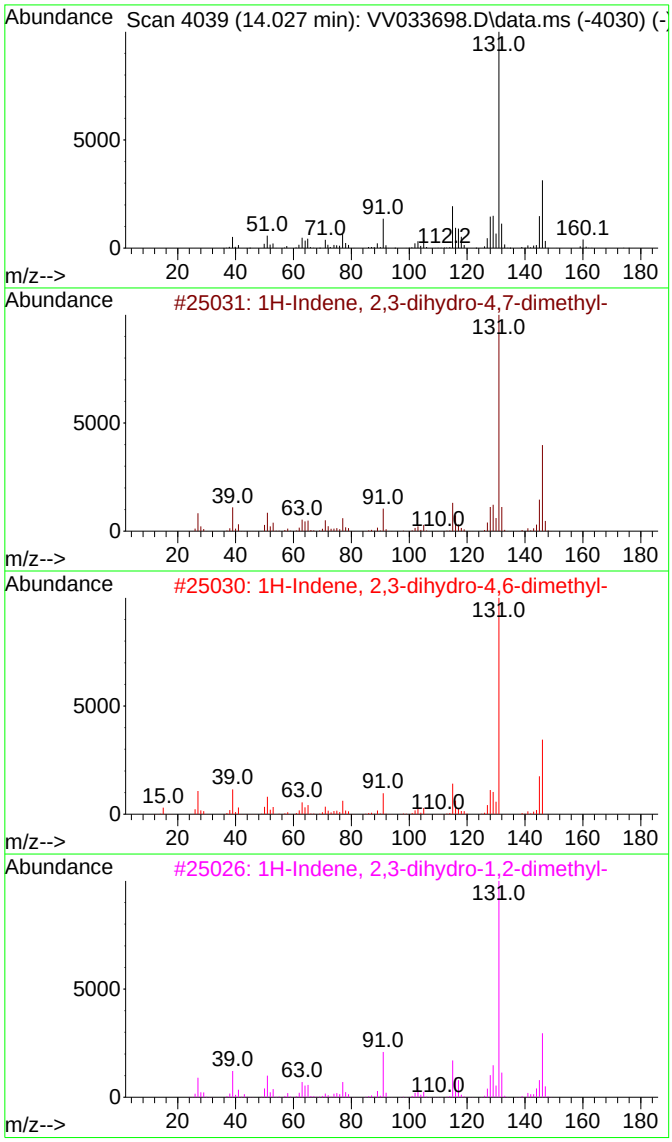
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

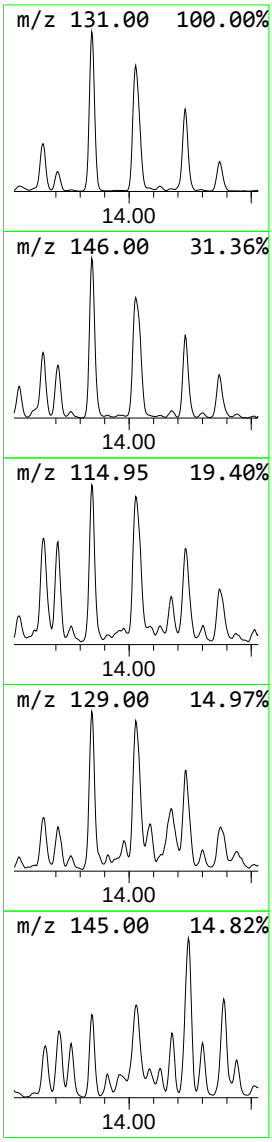
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 1H-Indene, 2,3-dihydro-4,6-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.027	5.40 ug/L	666654	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
2	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	94
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
4	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	93
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033698.D
Acq On : 17 Jan 2024 02:32
Operator : SY/MD
Sample : P1143-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AX8

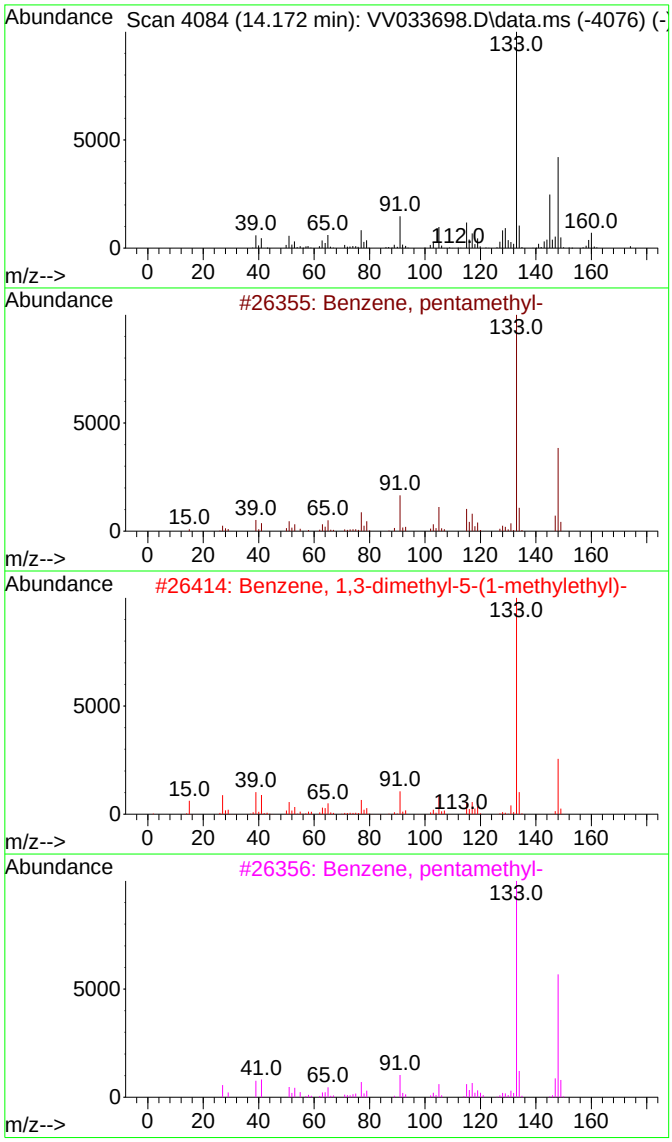
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

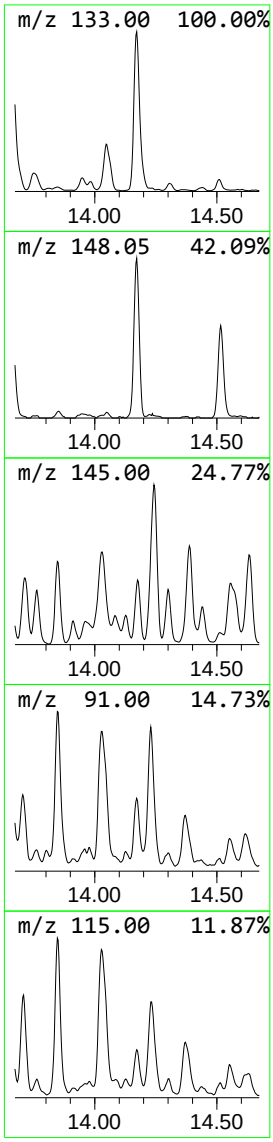
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 Benzene, pentamethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.172	1.78 ug/L	219972	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	95
2	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	76
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	76
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	76
5	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033698.D
Acq On : 17 Jan 2024 02:32
Operator : SY/MD
Sample : P1143-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AX8

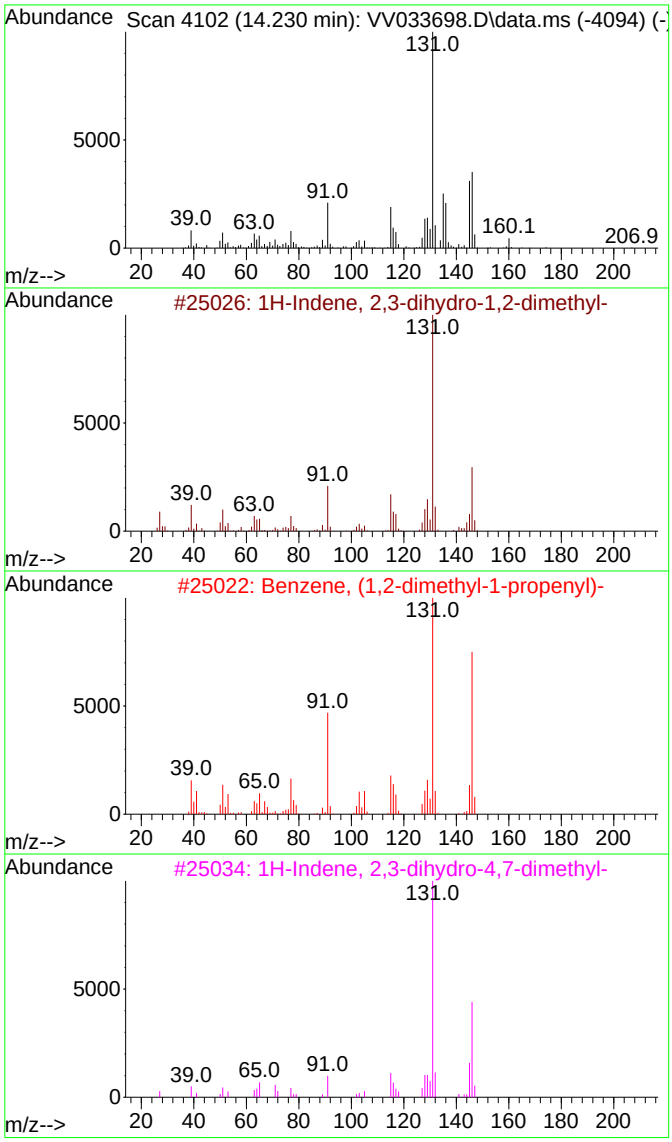
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

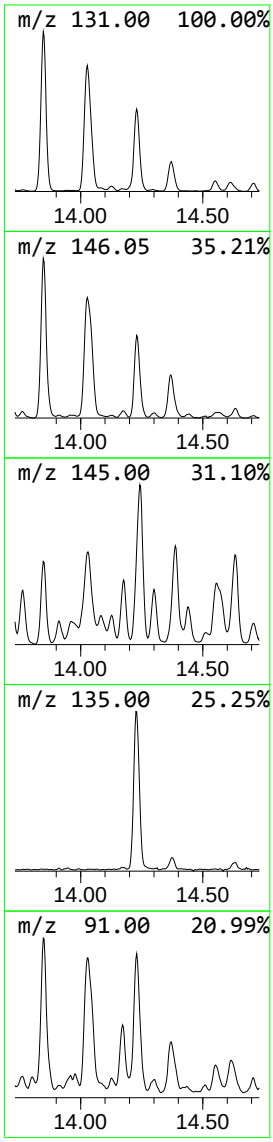
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.230	4.02 ug/L	496370	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	93
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	70
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	70
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033698.D
Acq On : 17 Jan 2024 02:32
Operator : SY/MD
Sample : P1143-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AX8

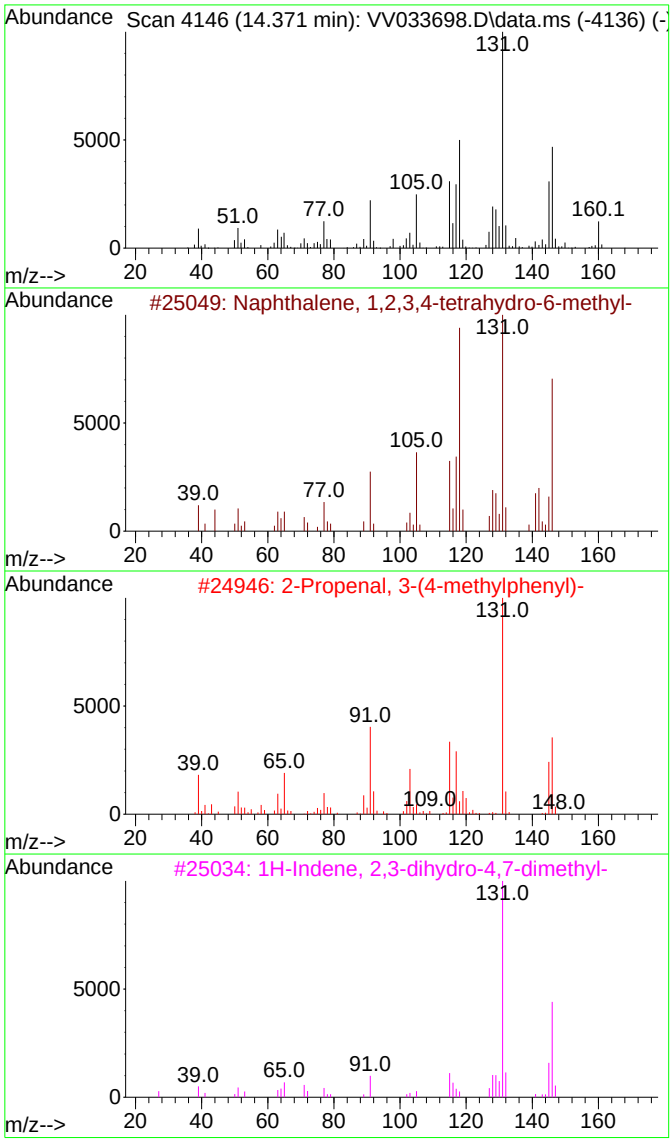
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

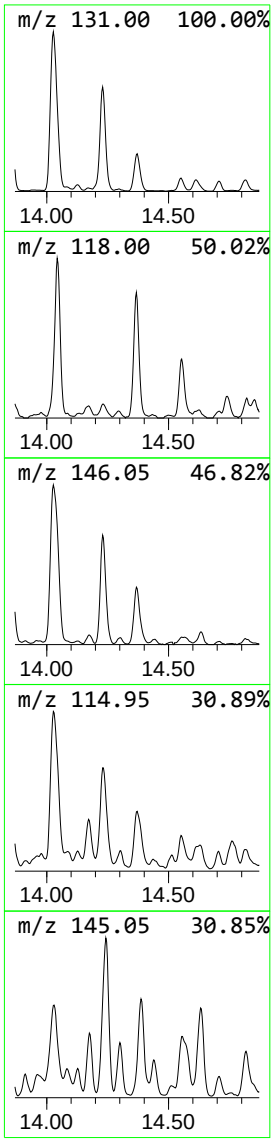
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.371	2.22 ug/L	273806	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	68
2	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	64
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	64
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033698.D
Acq On : 17 Jan 2024 02:32
Operator : SY/MD
Sample : P1143-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AX8

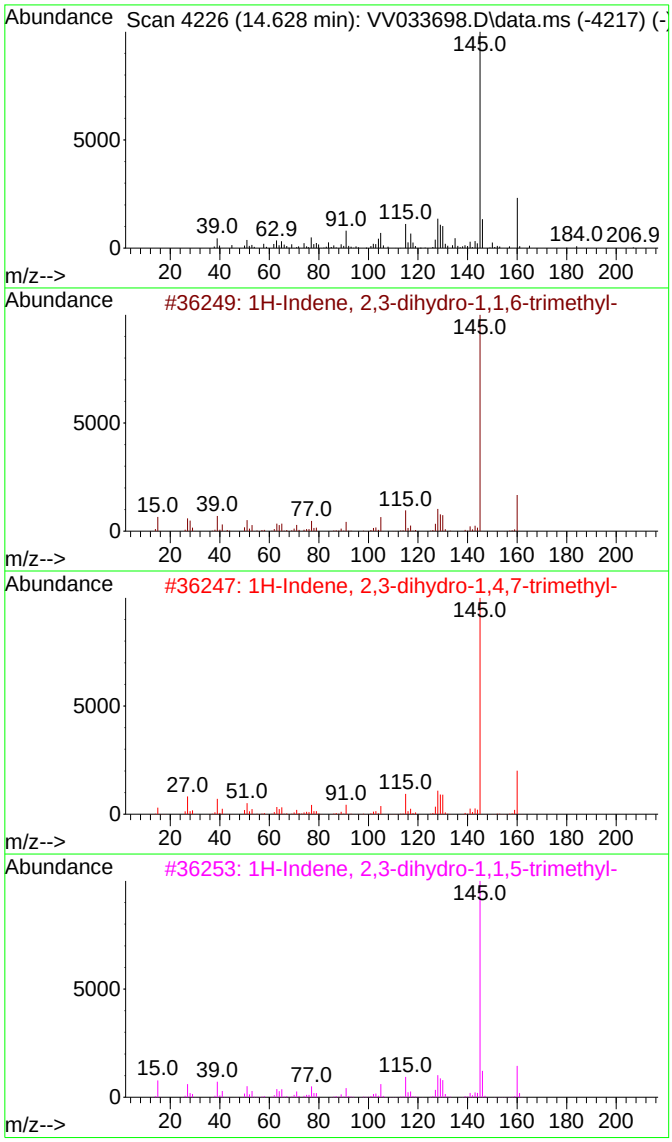
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

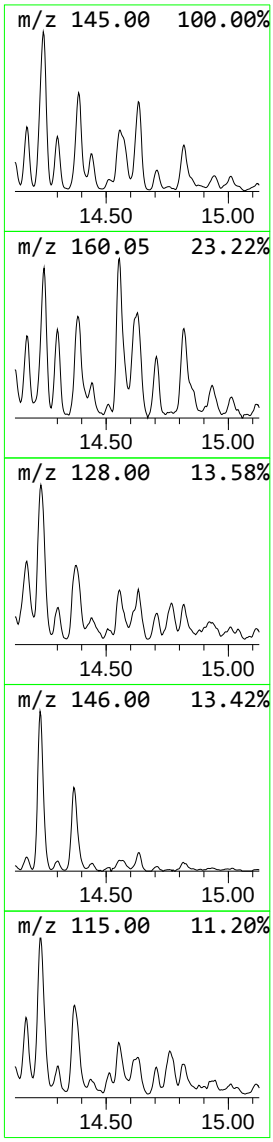
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 57 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.628	1.33 ug/L	164784	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,6-tri...	160	C12H16	014276-95-0	94
2	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	94
3	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	94
4	1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	93
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033698.D
Acq On : 17 Jan 2024 02:32
Operator : SY/MD
Sample : P1143-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AX8

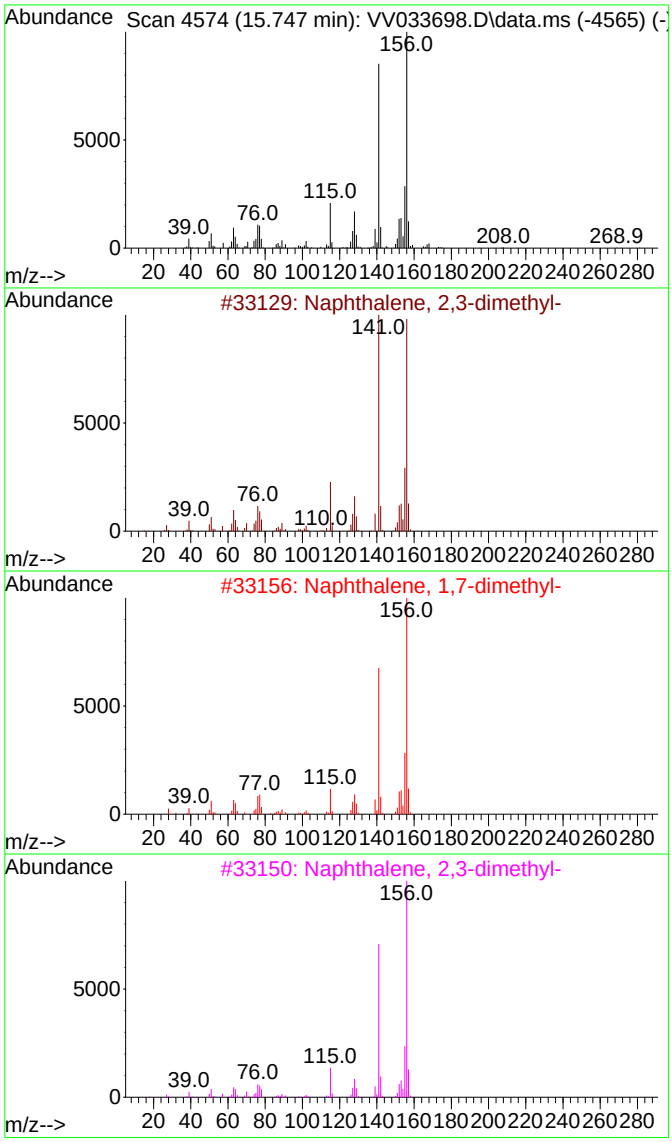
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

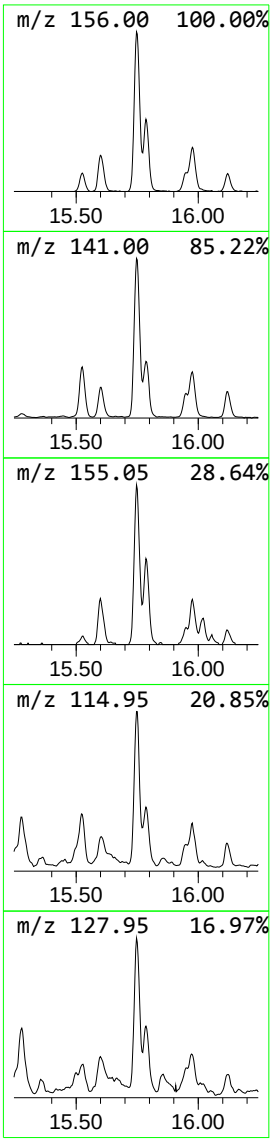
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 63 Naphthalene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.747	2.33 ug/L	288397	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033698.D
Acq On : 17 Jan 2024 02:32
Operator : SY/MD
Sample : P1143-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AX8

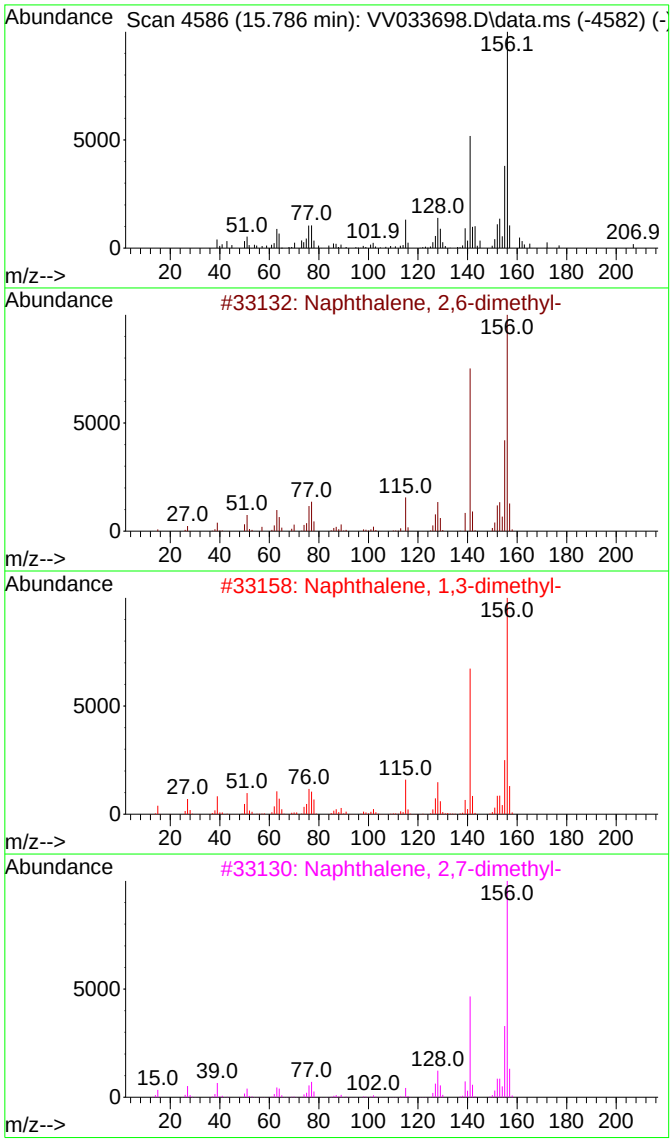
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

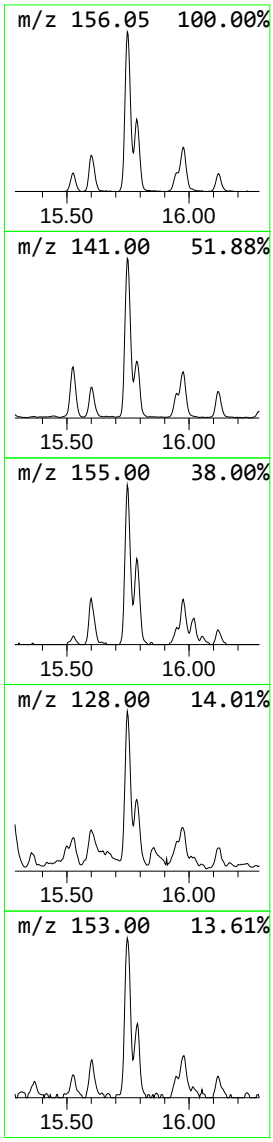
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 64 Naphthalene, 2,6-dimethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.786	1.07 ug/L	132323	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033698.D
Acq On : 17 Jan 2024 02:32
Operator : SY/MD
Sample : P1143-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AX8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.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...	1.851	0.7	ug/L	44959	1	5.603	322871	5.0
Acetaldehyde, e...	2.603	1.5	ug/L	99000	1	5.603	322871	5.0
(DEL) Alkane: S...	3.050	0.5	ug/L	34132	1	5.603	322871	5.0
(DEL) Alkane: S...	3.278	1.4	ug/L	89855	1	5.603	322871	5.0
(DEL) Alkane: C...	3.754	1.6	ug/L	106807	1	5.603	322871	5.0
Cyclopentene, 4...	4.433	0.7	ug/L	44488	1	5.603	322871	5.0
Ethylidenecyclo...	5.185	1.7	ug/L	107071	1	5.603	322871	5.0
(DEL) Alkane: C...	5.281	0.6	ug/L	35502	1	5.603	322871	5.0
3,5-Dimethylcyc...	5.937	0.6	ug/L	39095	1	5.603	322871	5.0
Benzene, propyl-	10.297	7.3	ug/L	906740	3	11.191	617635	5.0
Benzene, 1-ethy...	10.680	11.4	ug/L	1401490	3	11.191	617635	5.0
Indane	11.468	21.4	ug/L	2639640	3	11.191	617635	5.0
Benzene, 1-meth...	11.760	1.2	ug/L	148632	3	11.191	617635	5.0
Benzene, 2-ethy...	11.850	3.0	ug/L	375285	3	11.191	617635	5.0
Benzene, 4-ethy...	11.956	12.8	ug/L	1585130	3	11.191	617635	5.0
Benzene, 1-ethe...	12.053	14.4	ug/L	1774530	3	11.191	617635	5.0
Benzene, 1,2,3,...	12.352	7.8	ug/L	958256	3	11.191	617635	5.0
Benzene, 1,2,4,...	12.406	8.3	ug/L	1019870	3	11.191	617635	5.0
1H-Indene, 2,3-...	12.664	11.3	ug/L	1397570	3	11.191	617635	5.0
Benzene, 2-ethe...	12.821	23.9	ug/L	2950800	3	11.191	617635	5.0
Benzene, (1,2-d...	13.104	2.5	ug/L	307351	3	11.191	617635	5.0
Benzene, (2-met...	13.156	4.1	ug/L	508449	3	11.191	617635	5.0
1H-Indene, 2,3-...	13.210	5.6	ug/L	693349	3	11.191	617635	5.0
1H-Indene, 2,3-...	13.307	3.0	ug/L	368002	3	11.191	617635	5.0
Benzene, 1-ethy...	13.339	1.7	ug/L	208217	3	11.191	617635	5.0
2,2-Dimethylind...	13.651	2.9	ug/L	352679	3	11.191	617635	5.0
2-Ethyl-2,3-dih...	13.709	2.0	ug/L	241027	3	11.191	617635	5.0
1H-Indene, 2,3-...	13.847	4.9	ug/L	601216	3	11.191	617635	5.0
1H-Indene, 2,3-...	14.027	5.4	ug/L	666654	3	11.191	617635	5.0
Benzene, pentam...	14.172	1.8	ug/L	219972	3	11.191	617635	5.0
1H-Indene, 2,3-...	14.230	4.0	ug/L	496370	3	11.191	617635	5.0
Naphthalene, 1,...	14.371	2.2	ug/L	273806	3	11.191	617635	5.0
1H-Indene, 2,3-...	14.628	1.3	ug/L	164784	3	11.191	617635	5.0
Naphthalene, 2,...	15.747	2.3	ug/L	288397	3	11.191	617635	5.0
Naphthalene, 2,...	15.786	1.1	ug/L	132323	3	11.191	617635	5.0