LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033307.D
Acq On : 14 Dec 2023 03:55
Operator : SY/MD
Sample : 05770-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y79

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\SFAMVTR121323WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV033307.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.082	8	13	29	rVB3	51608	63334	6.41%	0.423%
2	1.282	65	75	88	rVB2	74152	96479	9.76%	0.644%
3	1.552	151	159	172	rVV	46500	57680	5.84%	0.385%
4	2.085	315	325	339	rBV	106315	156414	15.82%	1.044%
5	2.265	372	381	393	rVB2	18212	28083	2.84%	0.187%
6	3.841	859	871	883	rBV6	20128	49378	5.00%	0.330%
7	4.269	990	1004	1022	rBV2	71231	180123	18.22%	1.202%
8	4.571	1087	1098	1112	rBV2	7458	19768	2.00%	0.132%
9	4.960	1204	1219	1227	rBV2	182711	411133	41.59%	2.745%
10	5.008	1227	1234	1254	rVB	205652	436179	44.13%	2.912%
11	5.561	1392	1406	1431	rBV	116676	266425	26.95%	1.779%
12	5.825	1470	1488	1494	rBV2	22266	51412	5.20%	0.343%
13	5.870	1494	1502	1525	rVB3	37296	83652	8.46%	0.558%
14	6.037	1539	1554	1583	rBV3	76031	196175	19.85%	1.310%
15	6.162	1583	1593	1610	rVB3	11587	25875	2.62%	0.173%
16	6.960	1830	1841	1861	rBV2	41429	76397	7.73%	0.510%
17	7.227	1910	1924	1929	rBV6	12401	22441	2.27%	0.150%
18	7.281	1930	1941	1953	rVV	203539	355641	35.98%	2.374%
19	7.352	1953	1963	1986	rVB	404487	697539	70.57%	4.657%
20	7.590	2028	2037	2042	rBV2	24688	41402	4.19%	0.276%
21	7.744	2076	2085	2096	rVB4	8560	15214	1.54%	0.102%
22	8.063	2170	2184	2211	rBV2	91739	232845	23.56%	1.554%
23	8.182	2214	2221	2232	rVV9	12212	26407	2.67%	0.176%
24	8.239	2232	2239	2248	rVV4	8646	15989	1.62%	0.107%
25	8.301	2248	2258	2268	rVV2	36873	68967	6.98%	0.460%
26	8.352	2268	2274	2290	rVB2	9227	21567	2.18%	0.144%
27	8.545	2323	2334	2347	rBV3	22472	41563	4.20%	0.277%
28	8.802	2404	2414	2421	rBV	209962	360412	36.46%	2.406%
29	8.963	2448	2464	2473	rBV3	36761	83414	8.44%	0.557%
30	9.092	2483	2504	2515	rBV6	78984	224736	22.74%	1.500%
31	9.143	2515	2520	2545	rVB3	29177	61795	6.25%	0.413%
32	9.262	2548	2557	2573	rVB3	31890	55897	5.65%	0.373%
33	9.423	2588	2607	2623	rBV5	83793	254418	25.74%	1.698%
34	9.497	2623	2630	2644	rVB4	39136	70176	7.10%	0.468%
35	9.648	2651	2677	2688	rBV2	118578	255983	25.90%	1.709%
36	9.744	2696	2707	2736	rVB8	88180	221986	22.46%	1.482%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033307.D
Acq On : 14 Dec 2023 03:55
Operator : SY/MD
Sample : 05770-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y79

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\SFAMVTR121323WMA.M
Title : TRACE VOA SFAM1.0

37	9.876	2738	2748	2753	rBV3	17558	30314	3.07%	0.202%
38	9.921	2754	2762	2771	rVB5	38282	67191	6.80%	0.449%
39	10.069	2797	2808	2817	rBV3	86817	146702	14.84%	0.979%
40	10.185	2826	2844	2855	rBV5	169326	367381	37.17%	2.453%
41	10.326	2871	2888	2900	rBV6	41530	160456	16.23%	1.071%
42	10.394	2900	2909	2920	rVV5	92384	175191	17.72%	1.170%
43	10.455	2921	2928	2933	rBV4	35116	50549	5.11%	0.337%
44	10.558	2953	2960	2971	rVB5	54549	98145	9.93%	0.655%
45	10.673	2977	2996	3014	rBV7	108644	274374	27.76%	1.832%
46	10.809	3031	3038	3043	rBV	43690	69287	7.01%	0.463%
47	10.857	3045	3053	3074	rVB	182698	372941	37.73%	2.490%
48	10.998	3075	3097	3103	rBV2	142988	330851	33.47%	2.209%
49	11.095	3120	3127	3134	rBV2	40411	53057	5.37%	0.354%
50	11.191	3147	3157	3176	rBV	265326	474545	48.01%	3.168%
51	11.278	3176	3184	3202	rVB2	70380	137628	13.92%	0.919%
52	11.397	3216	3221	3231	rVB4	24470	40735	4.12%	0.272%
53	11.468	3232	3243	3259	rBV	362602	662448	67.02%	4.422%
54	11.567	3261	3274	3293	rVB5	461317	988458	100.00%	6.599%
55	11.686	3301	3311	3325	rBV	150634	242479	24.53%	1.619%
56	11.879	3366	3371	3379	rVB4	28412	38452	3.89%	0.257%
57	11.931	3379	3387	3389	rBV2	41677	53160	5.38%	0.355%
58	11.985	3390	3404	3417	rVB2	294721	577395	58.41%	3.854%
59	12.056	3417	3426	3432	rBV3	51788	84131	8.51%	0.562%
60	12.101	3432	3440	3447	rBV2	121726	188022	19.02%	1.255%
61	12.181	3458	3465	3467	rBV3	27205	34411	3.48%	0.230%
62	12.239	3474	3483	3496	rVB2	200969	339052	34.30%	2.263%
63	12.323	3496	3509	3512	rBV3	142463	209038	21.15%	1.395%
64	12.355	3512	3519	3529	rVV	389023	607884	61.50%	4.058%
65	12.410	3529	3536	3548	rVV4	56135	109875	11.12%	0.733%
66	12.490	3551	3561	3578	rVB2	71020	123676	12.51%	0.826%
67	12.583	3578	3590	3594	rBV2	68898	104378	10.56%	0.697%
68	12.625	3595	3603	3618	rVV3	143228	332382	33.63%	2.219%
69	12.696	3619	3625	3633	rVB	45697	67134	6.79%	0.448%
70	12.767	3642	3647	3652	rBV3	13366	16085	1.63%	0.107%
71	12.821	3653	3664	3677	rVB2	100332	157746	15.96%	1.053%
72	12.895	3680	3687	3694	rVB2	31668	45149	4.57%	0.301%
73	12.940	3694	3701	3708	rBV	41144	52689	5.33%	0.352%
74	12.979	3708	3713	3719	rBV5	10076	15716	1.59%	0.105%
75	13.127	3744	3759	3764	rBV6	17379	40489	4.10%	0.270%
76	13.210	3774	3785	3792	rBV	131617	203369	20.57%	1.358%

LSC Area Percent Report

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Acq On : 14 Dec 2023 03:55
Operator : SY/MD
Sample : 05770-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y79

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\SFAMVTR121323WMA.M
Title : TRACE VOA SFAM1.0

77	13.271	3792	3804	3809	rVV3	98142	211974	21.44%	1.415%
78	13.307	3809	3815	3841	rVB	130166	224510	22.71%	1.499%
79	13.426	3841	3852	3866	rBV4	60298	130781	13.23%	0.873%
80	13.480	3866	3869	3882	rVV5	9755	18049	1.83%	0.120%
81	13.551	3883	3891	3903	rVB4	19512	33748	3.41%	0.225%
82	13.615	3904	3911	3914	rBV7	11180	14069	1.42%	0.094%
83	13.651	3915	3922	3930	rVV4	26878	45318	4.58%	0.303%
84	13.715	3931	3942	3950	rVV7	18443	44344	4.49%	0.296%
85	13.763	3952	3957	3965	rVB5	12759	18060	1.83%	0.121%
86	13.850	3972	3984	3999	rVB9	17435	52540	5.32%	0.351%
87	14.030	4031	4040	4053	rBV6	23573	49198	4.98%	0.328%
88	14.172	4077	4084	4093	rVV2	34913	55332	5.60%	0.369%
89	14.239	4096	4105	4116	rVB5	21302	39478	3.99%	0.264%
90	14.304	4117	4125	4134	rVB3	21204	31764	3.21%	0.212%
91	14.384	4137	4150	4162	rBV6	25761	64054	6.48%	0.428%
92	14.509	4182	4189	4196	rBV7	12622	19072	1.93%	0.127%
93	14.574	4197	4209	4214	rVV9	11999	30009	3.04%	0.200%
94	14.615	4214	4222	4240	rVB5	54535	111077	11.24%	0.742%
95	14.699	4240	4248	4256	rBV2	23925	38031	3.85%	0.254%
96	14.763	4256	4268	4278	rBV4	34747	73874	7.47%	0.493%
97	15.111	4365	4376	4384	rBV4	8938	18254	1.85%	0.122%
98	15.275	4414	4427	4439	rVB7	16584	39623	4.01%	0.265%
99	16.252	4715	4731	4747	rVB	80639	129053	13.06%	0.862%
100	16.413	4772	4781	4792	rVB6	8900	17724	1.79%	0.118%

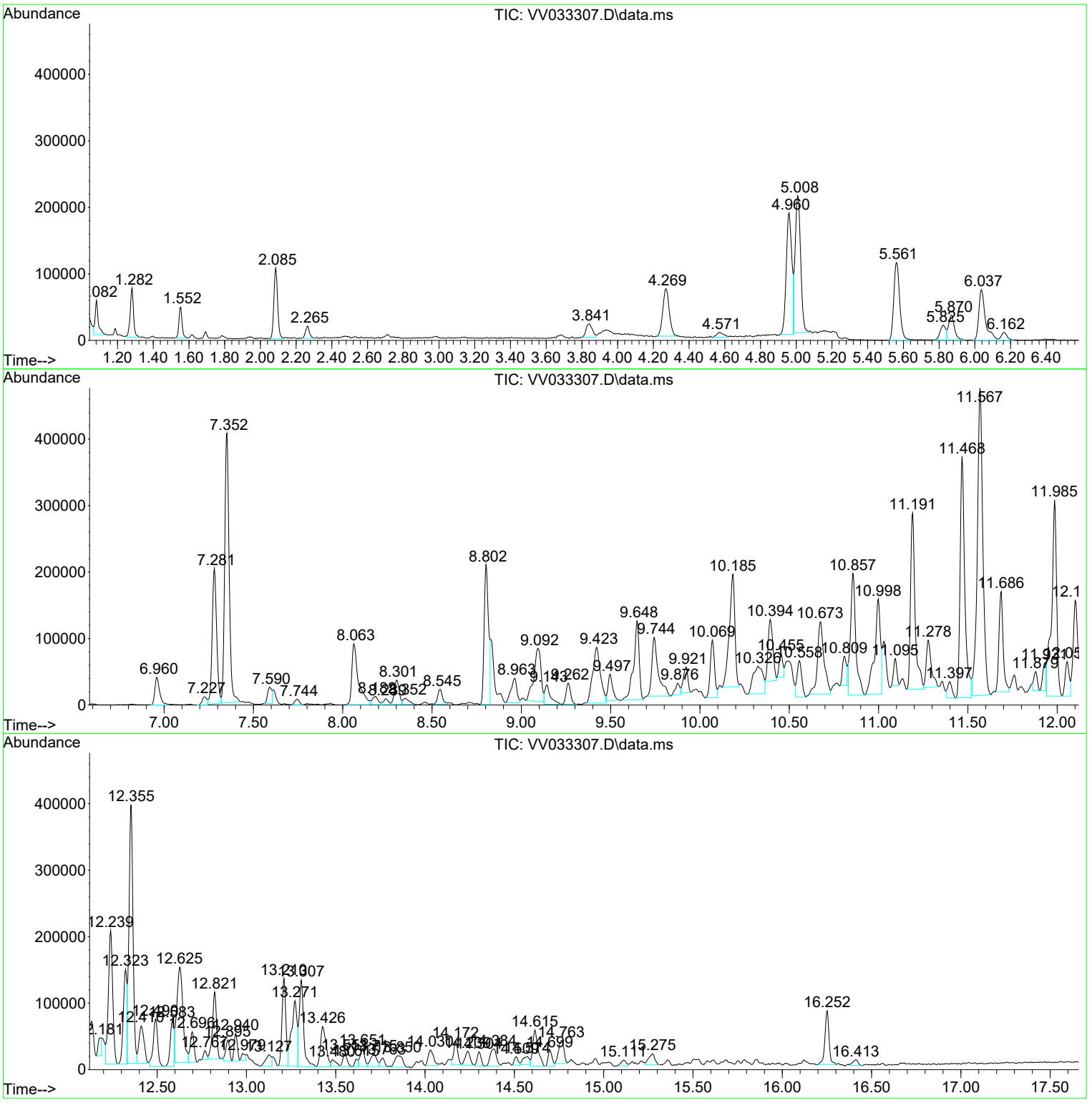
Sum of corrected areas: 14979800

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033307.D
Acq On : 14 Dec 2023 03:55
Operator : SY/MD
Sample : 05770-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y79

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.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\VV121323\
Data File : VV033307.D
Acq On : 14 Dec 2023 03:55
Operator : SY/MD
Sample : 05770-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y79

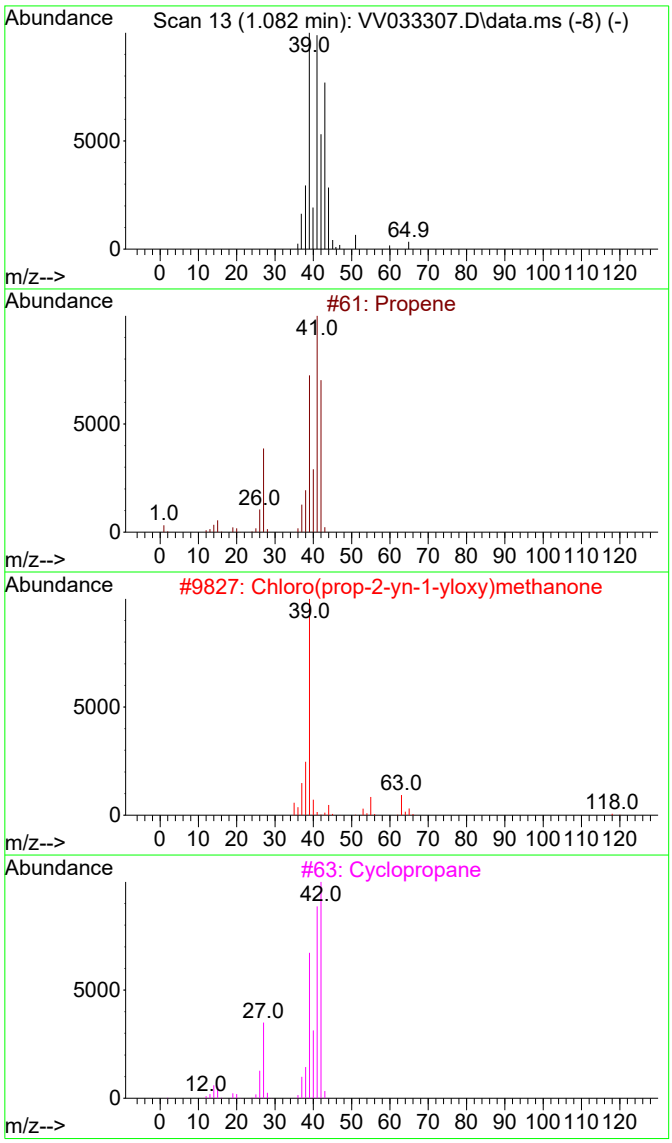
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0

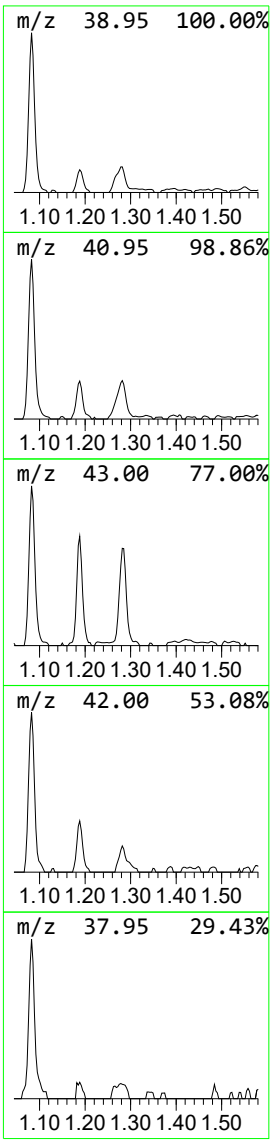
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.082	1.19 ug/L	63334	1,4-Difluorobenzene	5.564

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	10
2	Chloro(prop-2-yn-1-yloxy)methanone	118	C4H3ClO2	035718-08-2	9
3	Cyclopropane	42	C3H6	000075-19-4	4
4	Cyclopropene	40	C3H4	002781-85-3	4
5	Propane	44	C3H8	000074-98-6	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033307.D
Acq On : 14 Dec 2023 03:55
Operator : SY/MD
Sample : 05770-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y79

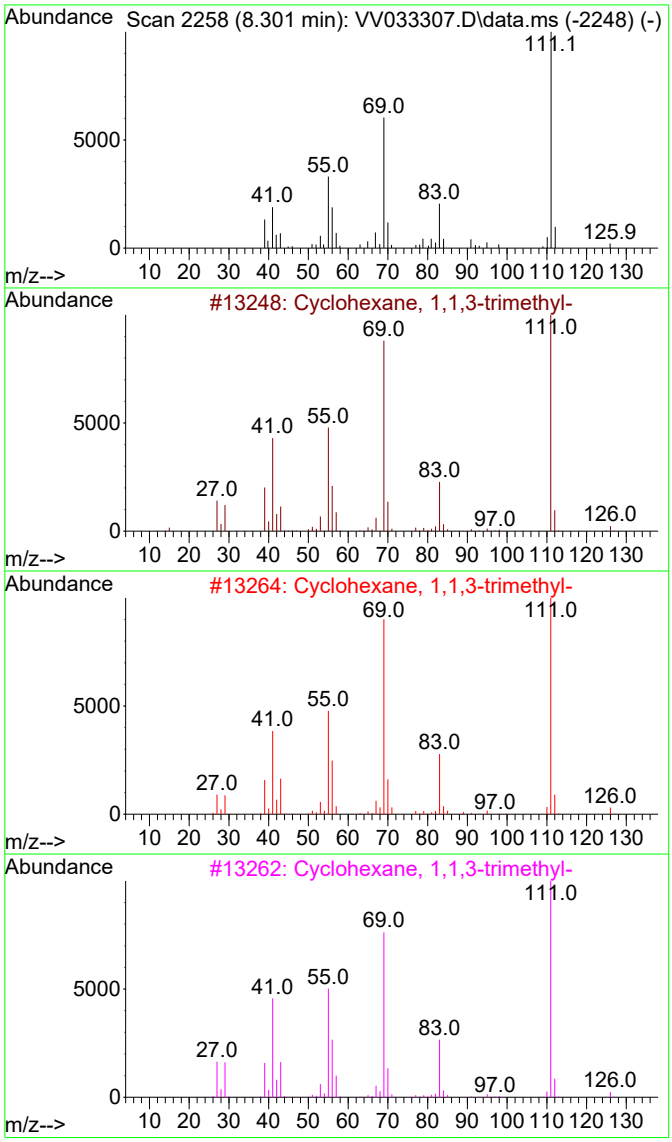
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0

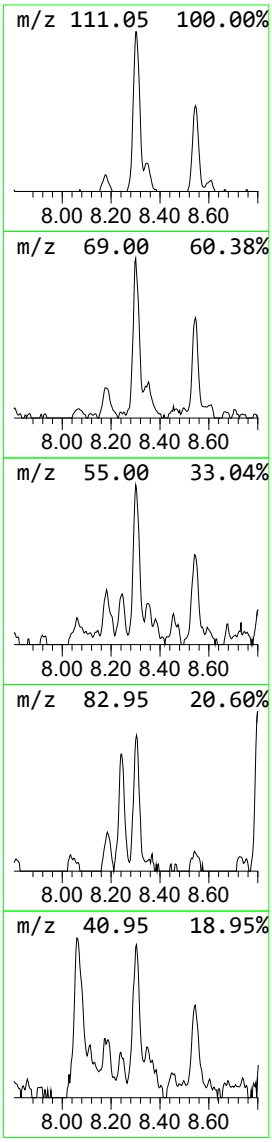
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic8.301 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.301	0.96 ug/L	68967	Chlorobenzene-d5	8.802

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	95
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	70
4	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	64
5	Cyclohexane, 1,4-dimethyl-2-octa...	364	C26H52	055282-02-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033307.D
Acq On : 14 Dec 2023 03:55
Operator : SY/MD
Sample : 05770-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y79

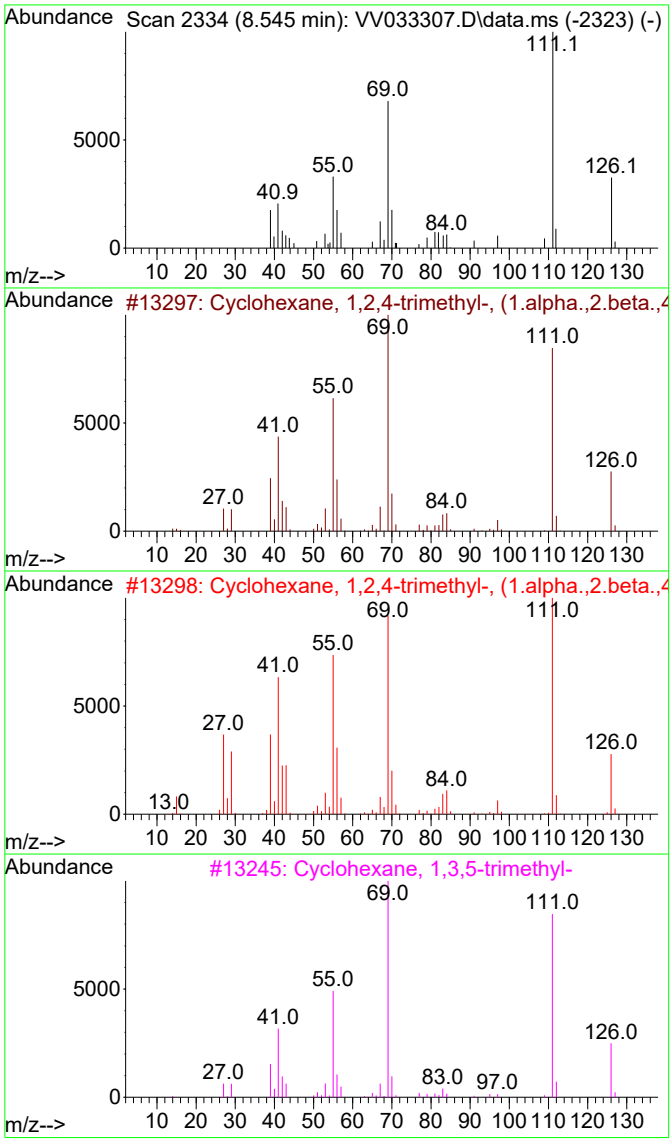
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0

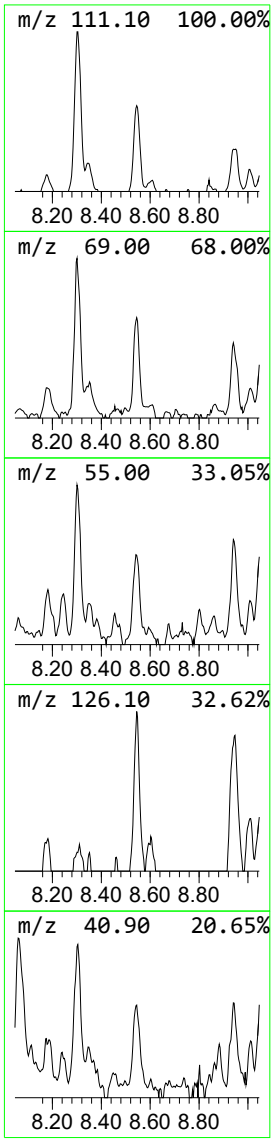
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic8.545 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.545	0.58 ug/L	41563	Chlorobenzene-d5	8.802

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	91
2	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	83
3	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	80
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	78
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033307.D
Acq On : 14 Dec 2023 03:55
Operator : SY/MD
Sample : 05770-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y79

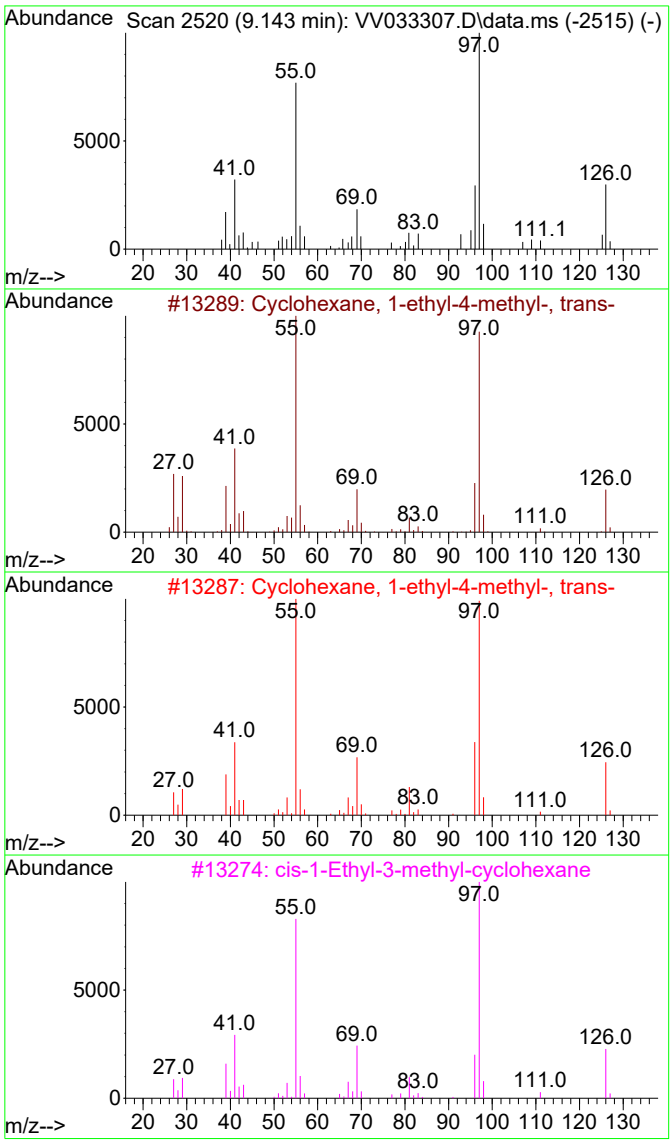
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0

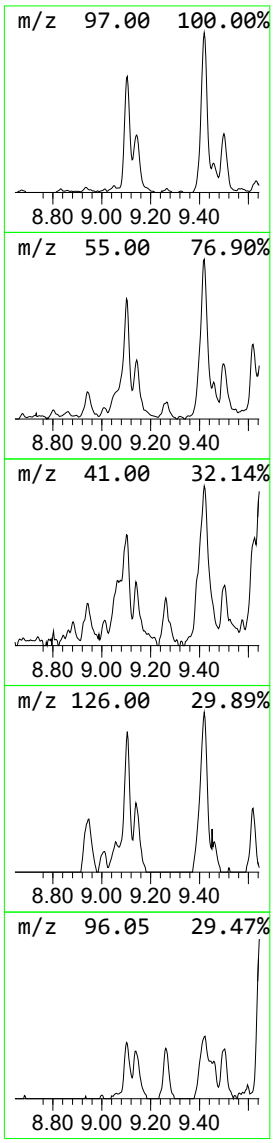
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic9.143 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.143	0.86 ug/L	61795	Chlorobenzene-d5	8.802

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	90
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	87
3	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	83
4	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	80
5	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033307.D
Acq On : 14 Dec 2023 03:55
Operator : SY/MD
Sample : 05770-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y79

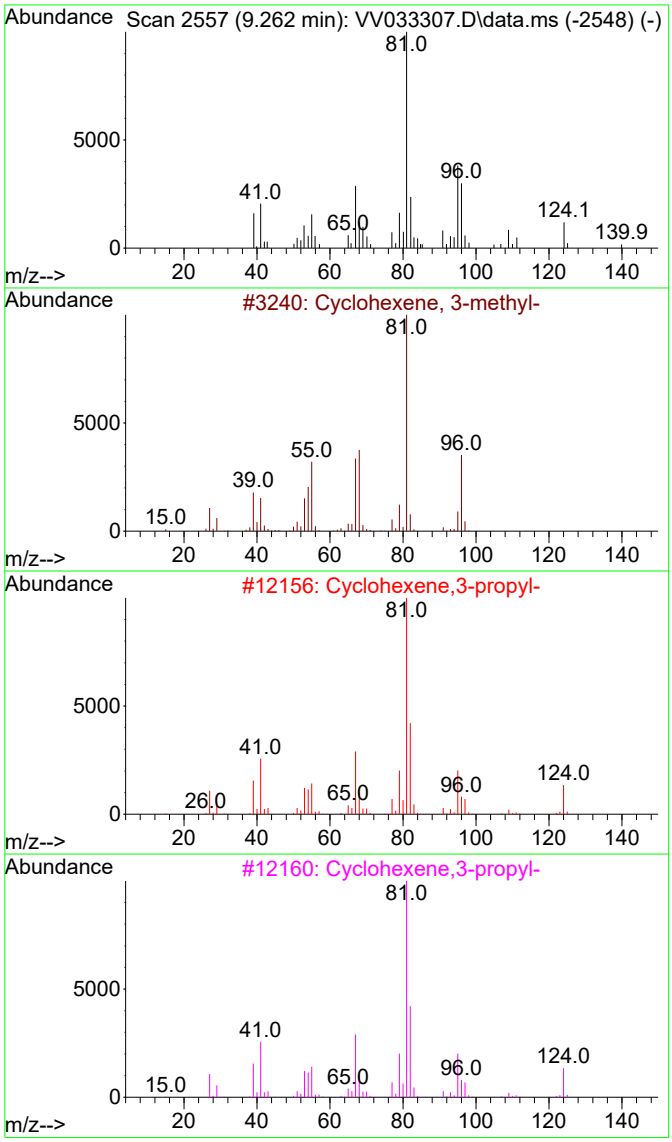
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0

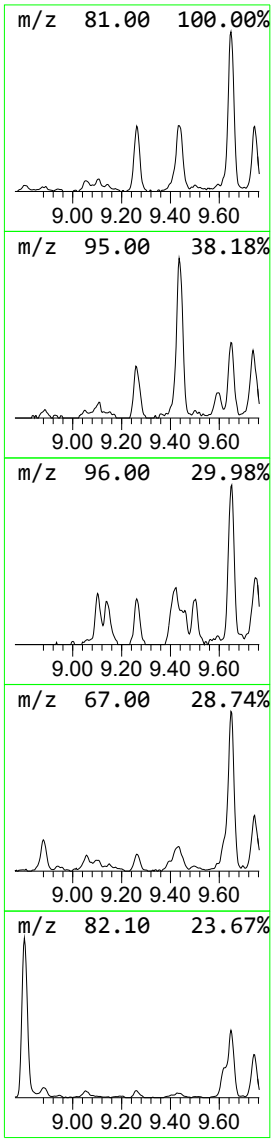
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclohexene, 3-methyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.262	0.78 ug/L	55897	Chlorobenzene-d5	8.802

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	52
2	Cyclohexene,3-propyl-	124	C9H16	003983-06-0	49
3	Cyclohexene,3-propyl-	124	C9H16	003983-06-0	49
4	Cyclohexene, 3-ethyl-	110	C8H14	002808-71-1	47
5	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	47





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Data File : VV033307.D
Acq On : 14 Dec 2023 03:55
Operator : SY/MD
Sample : 05770-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y79

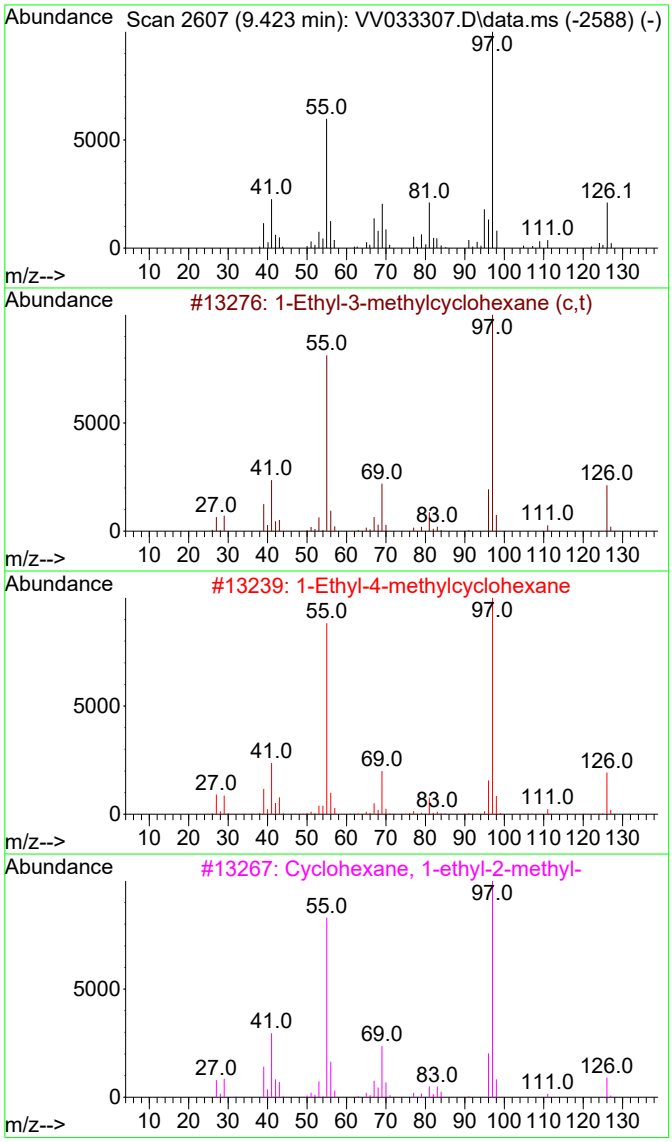
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0

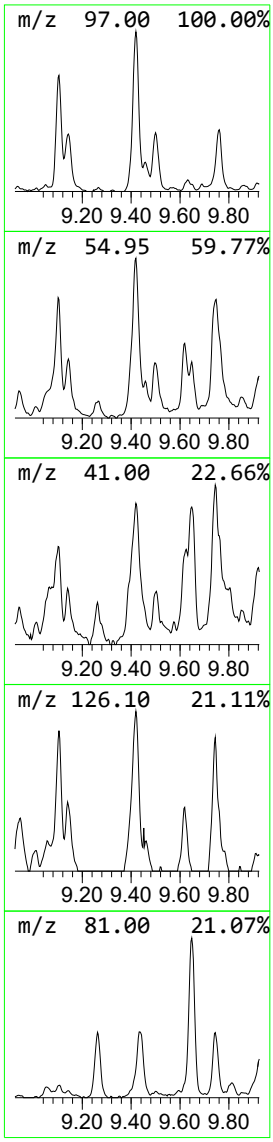
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic9.423 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.423	3.53 ug/L	254418	Chlorobenzene-d5	8.802

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	90
2	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	83
3	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	74
4	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	74
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	74





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Data File : VV033307.D
Acq On : 14 Dec 2023 03:55
Operator : SY/MD
Sample : 05770-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y79

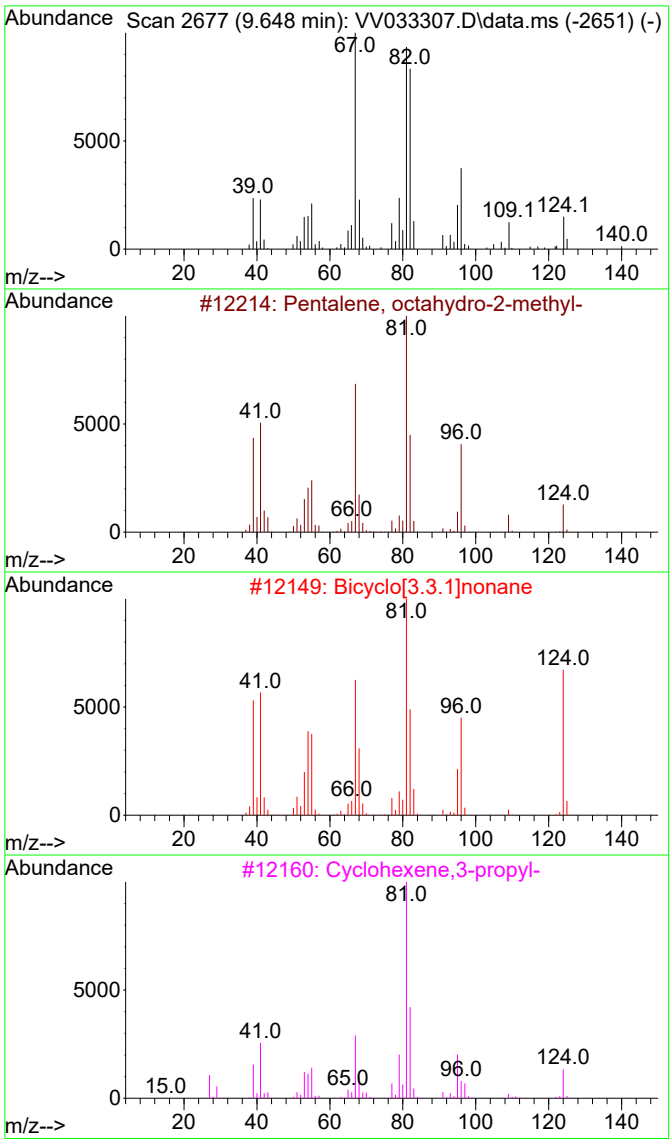
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0

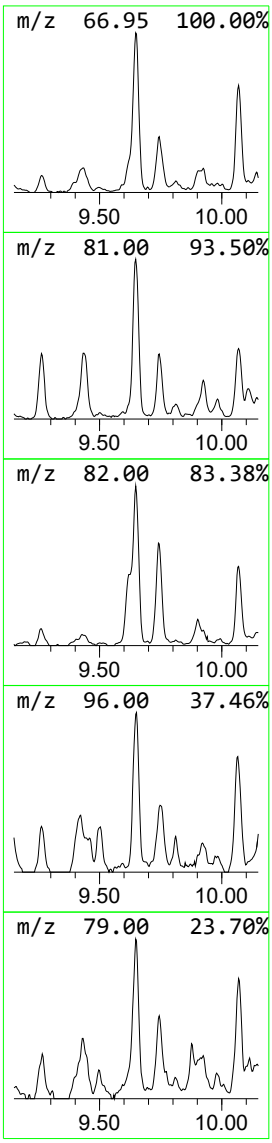
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Pentalene, octahydro-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.648	3.55 ug/L	255983	Chlorobenzene-d5	8.802

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	52
2	Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	49
3	Cyclohexene,3-propyl-	124	C9H16	003983-06-0	49
4	Cyclohexane, 1-propenyl-	124	C9H16	005364-83-0	46
5	Cyclohexene,3-propyl-	124	C9H16	003983-06-0	46





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Data File : VV033307.D
Acq On : 14 Dec 2023 03:55
Operator : SY/MD
Sample : 05770-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y79

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0

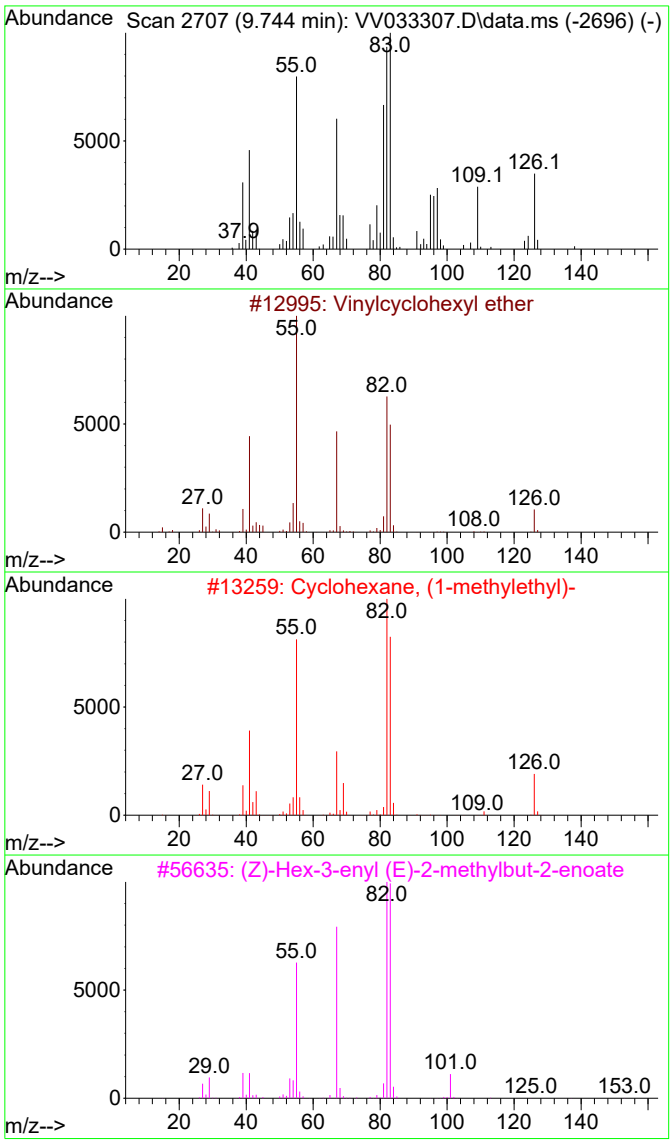
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

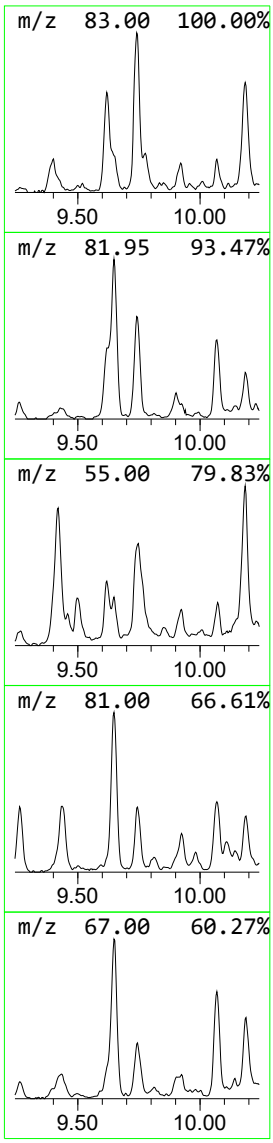
****

Peak Number 9 Vinylcyclohexyl ether Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.744	3.08 ug/L	221986	Chlorobenzene-d5	8.802

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vinylcyclohexyl ether	126	C8H14O	002182-55-0	53
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	52
3	(Z)-Hex-3-enyl (E)-2-methylbut-2...	182	C11H18O2	067883-79-8	50
4	(Z)-Hex-3-enyl (E)-2-methylbut-2...	182	C11H18O2	067883-79-8	50
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033307.D
Acq On : 14 Dec 2023 03:55
Operator : SY/MD
Sample : 05770-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y79

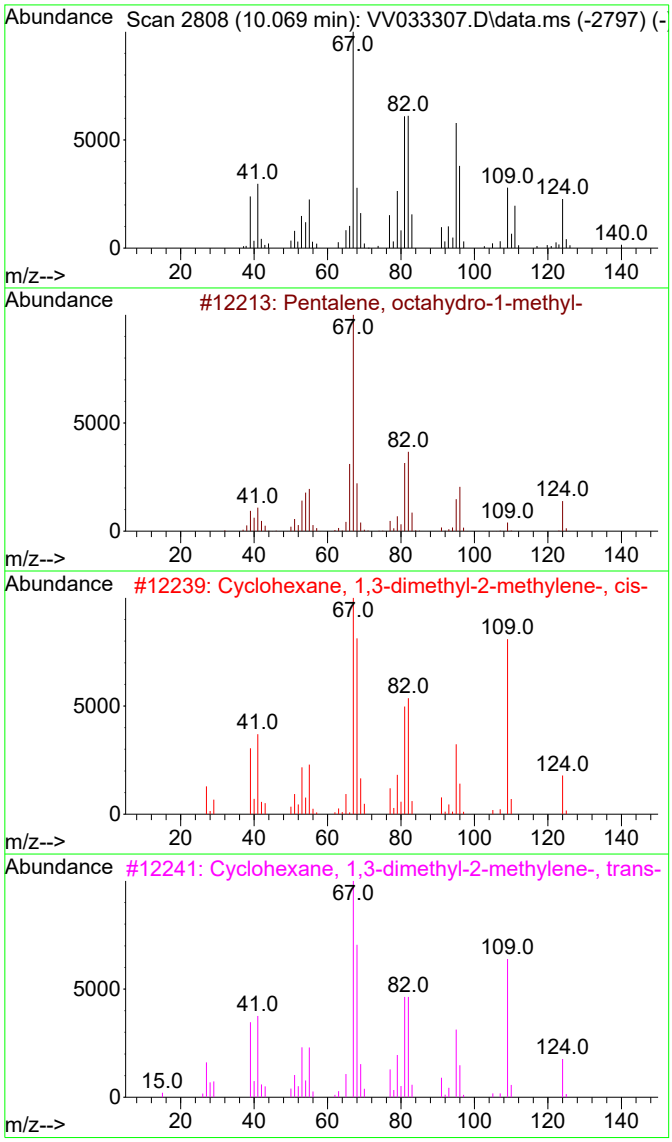
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0

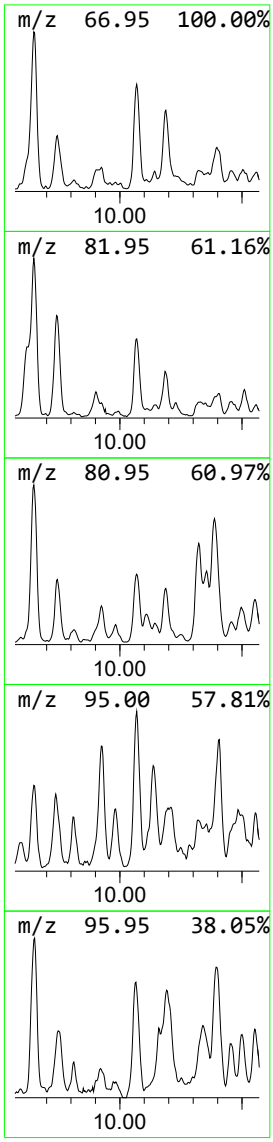
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Pentalene, octahydro-1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.069	1.55 ug/L	146702	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentalene, octahydro-1-methyl-	124	C9H16	032273-77-1	70
2	Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	019781-47-6	55
3	Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	020348-74-7	53
4	Cyclopentene, 1-butyl-	124	C9H16	002423-01-0	52
5	4,5-Nonadiene	124	C9H16	000821-74-9	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033307.D
Acq On : 14 Dec 2023 03:55
Operator : SY/MD
Sample : 05770-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y79

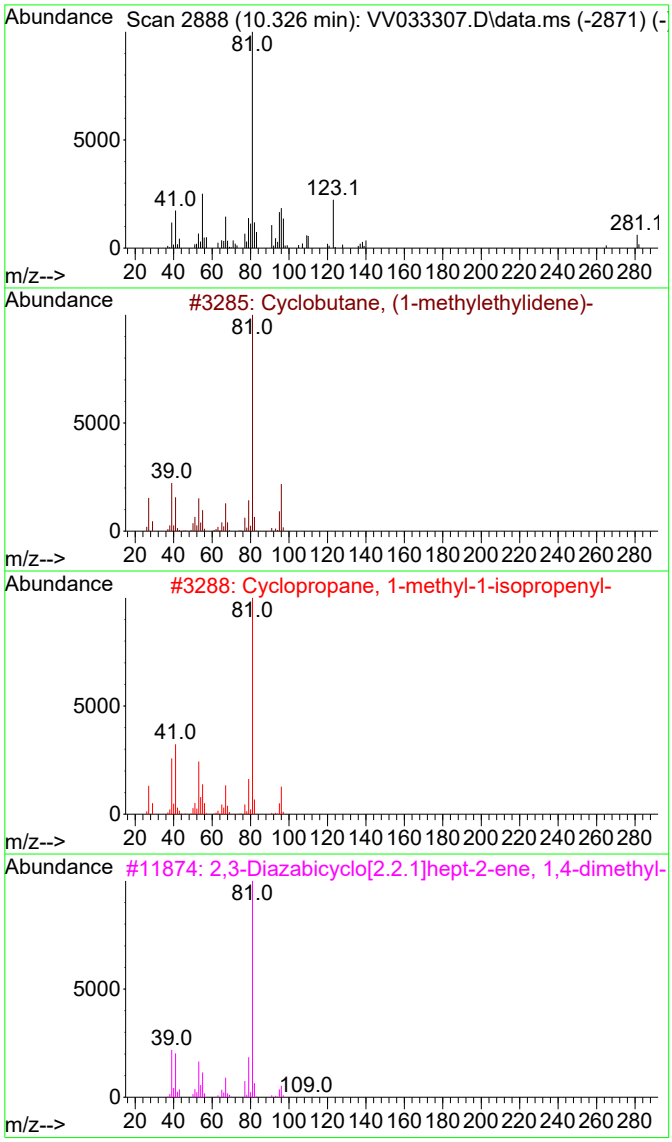
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0

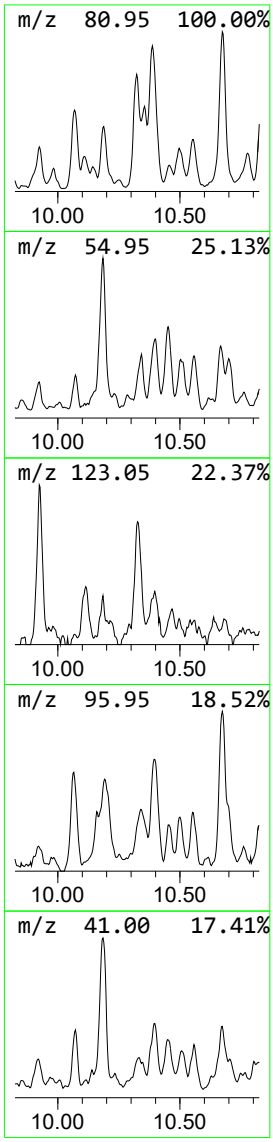
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclobutane, (1-methylethyl... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.326	1.69 ug/L	160456	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	52
2	Cyclopropane, 1-methyl-1-isoprop...	96	C7H12	003422-07-9	50
3	2,3-Diazabicyclo[2.2.1]hept-2-en...	124	C7H12N2	071312-54-4	50
4	Cyclopentane, 1-methyl-2-methylene-	96	C7H12	041158-41-2	50
5	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033307.D
Acq On : 14 Dec 2023 03:55
Operator : SY/MD
Sample : 05770-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y79

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0

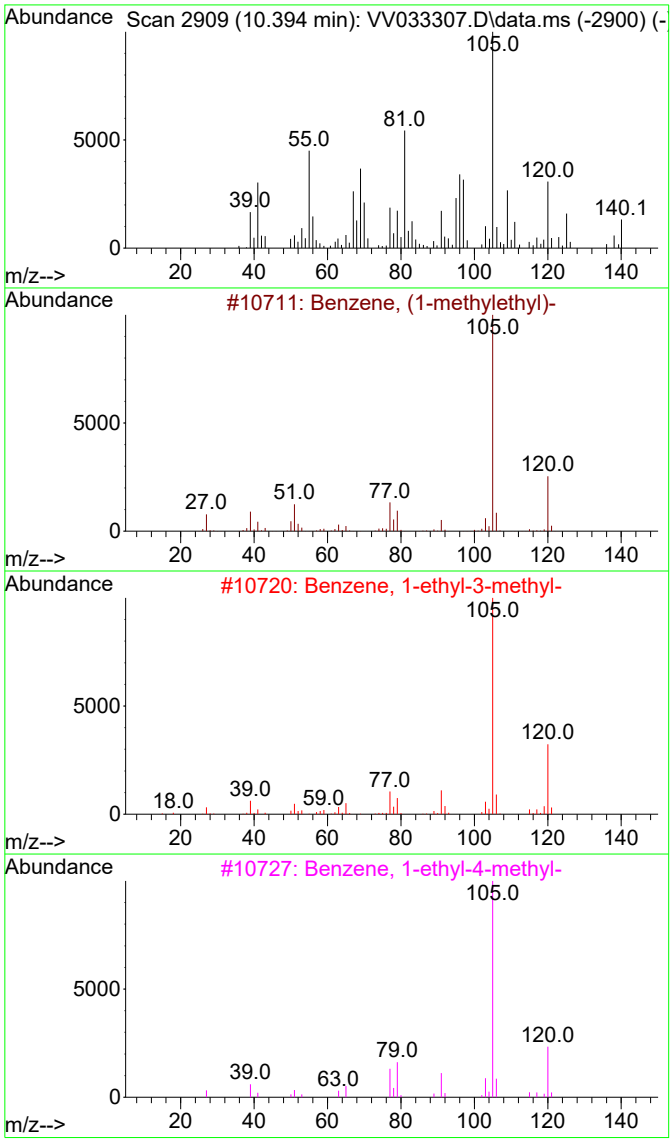
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

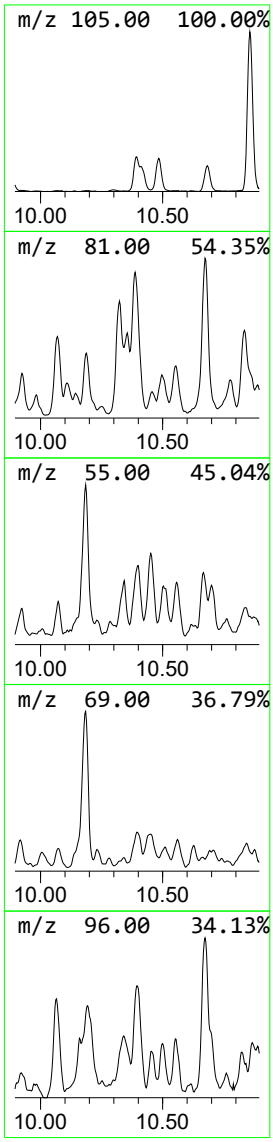
****

Peak Number 12 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.394	1.85 ug/L	175191	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	35
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	35
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	35
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	35
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	35





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Data File : VV033307.D
Acq On : 14 Dec 2023 03:55
Operator : SY/MD
Sample : 05770-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y79

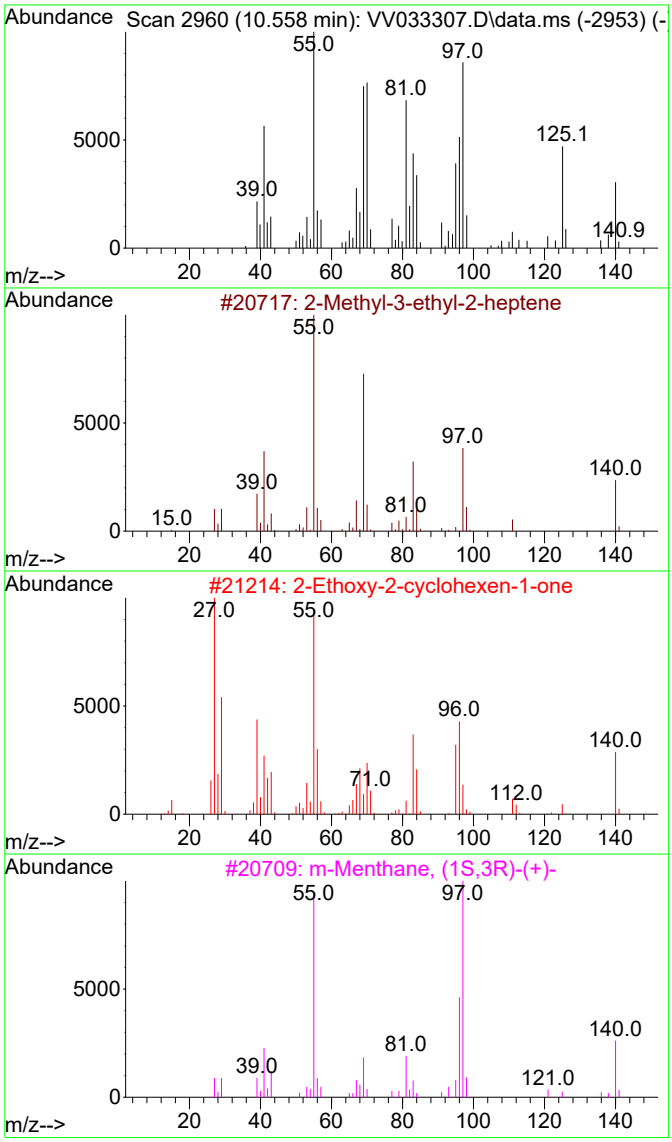
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0

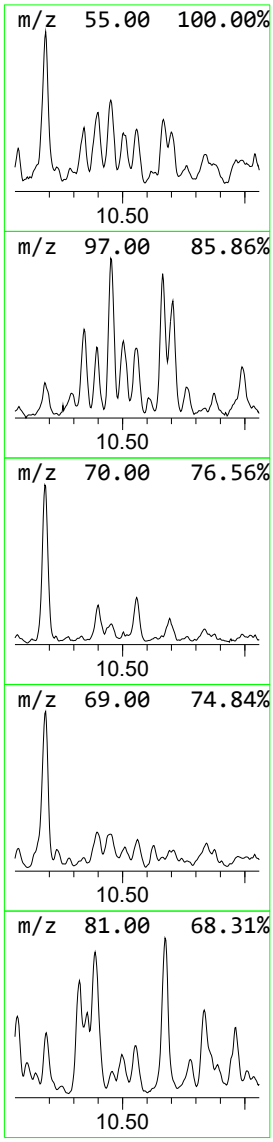
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.558	1.03 ug/L	98145	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-3-ethyl-2-heptene	140	C10H20	019780-61-1	38
2	2-Ethoxy-2-cyclohexen-1-one	140	C8H12O2	029941-82-0	27
3	m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	25
4	2-Hexene, 3,5-dimethyl-	112	C8H16	003404-79-3	22
5	1,6-Heptadiene, 2,5,5-trimethyl-	138	C10H18	062238-28-2	14





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033307.D
Acq On : 14 Dec 2023 03:55
Operator : SY/MD
Sample : 05770-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y79

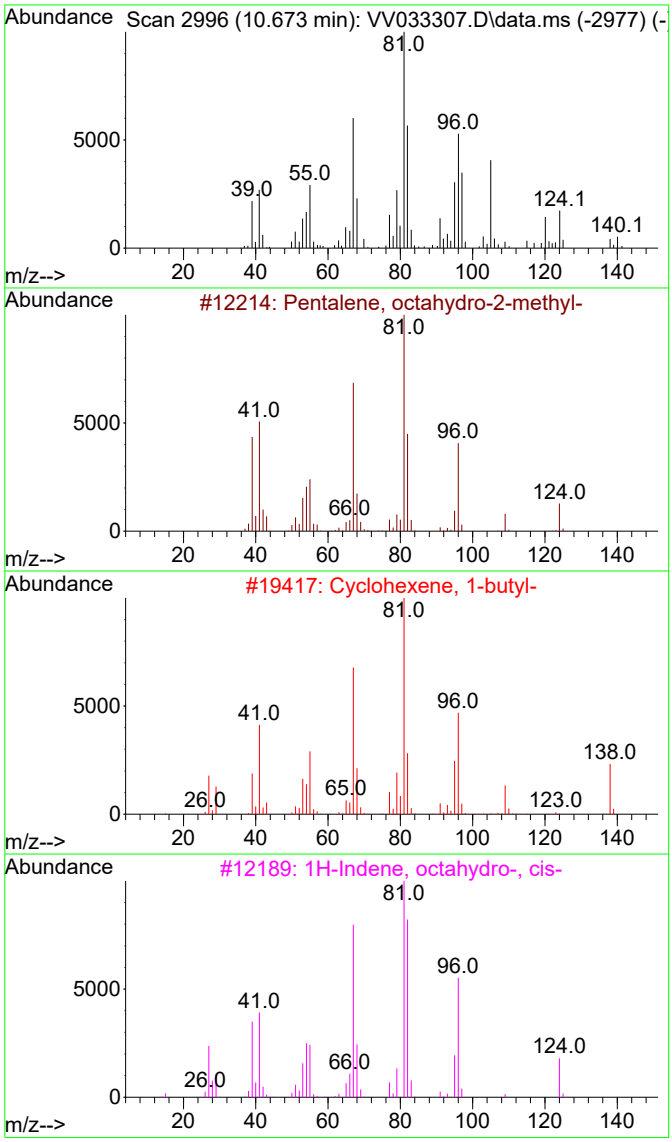
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0

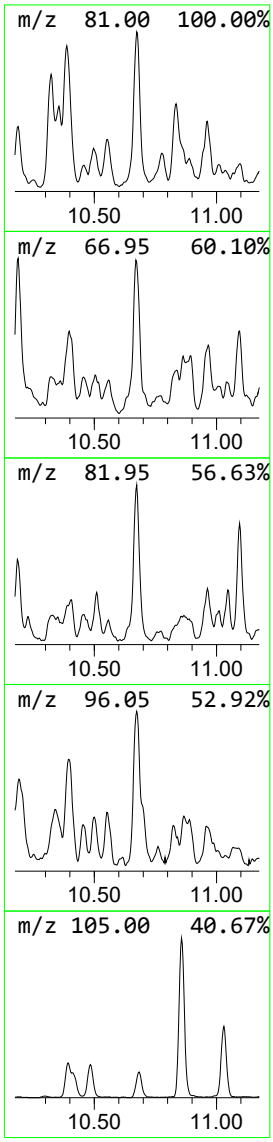
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Cyclohexene, 1-butyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.674	2.89 ug/L	274374	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	81
2	Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	81
3	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	76
4	Cyclohexene,1-propyl-	124	C9H16	002539-75-5	68
5	Cyclohexene,3-propyl-	124	C9H16	003983-06-0	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033307.D
Acq On : 14 Dec 2023 03:55
Operator : SY/MD
Sample : 05770-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y79

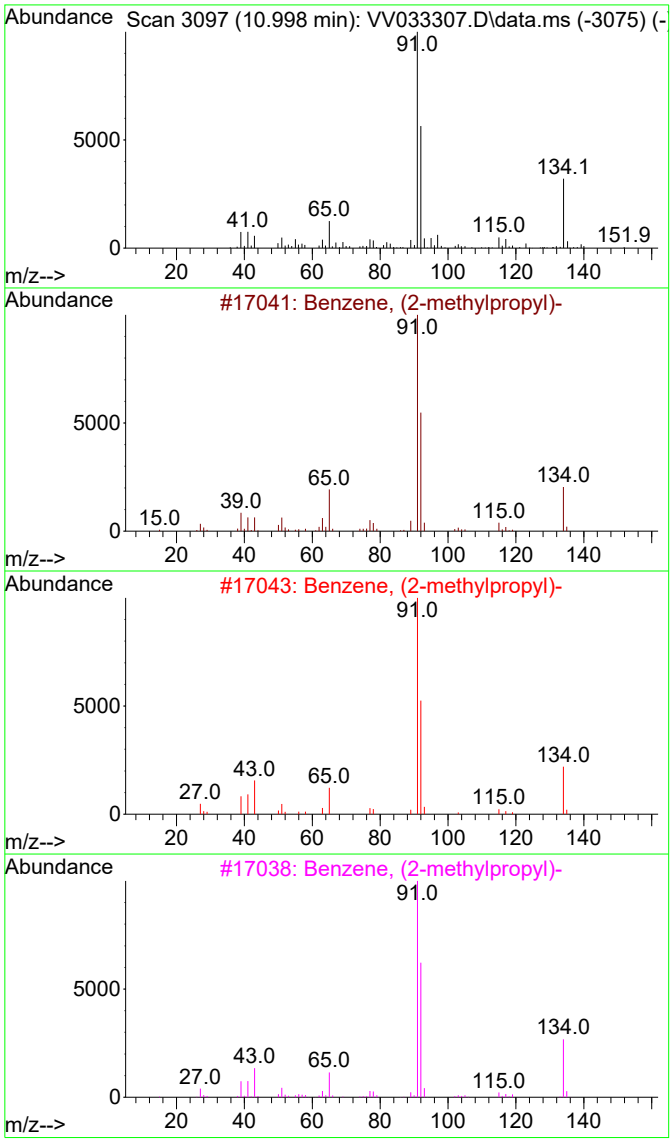
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0

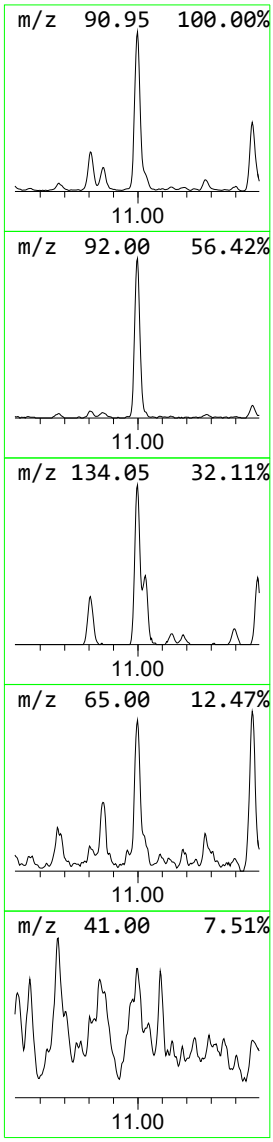
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, (2-methylpropyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.998	3.49 ug/L	330851	1,4-Dichlorobenzene-d4	11.191

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	87
3	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	87
4	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	87
5	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	87





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Data File : VV033307.D
Acq On : 14 Dec 2023 03:55
Operator : SY/MD
Sample : 05770-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y79

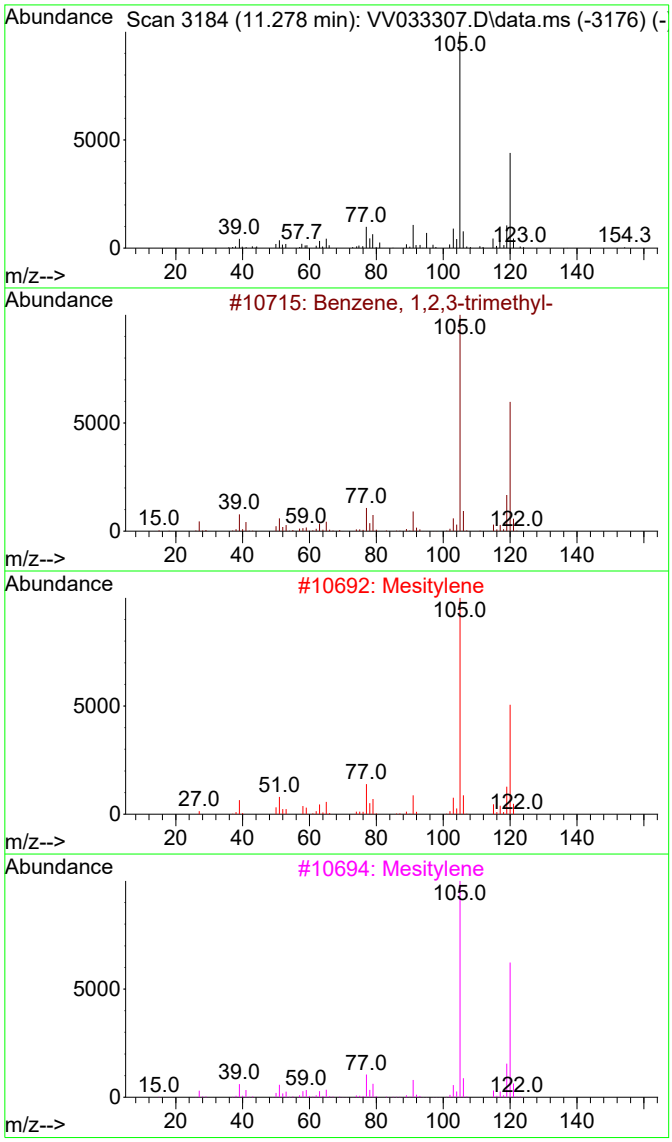
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0

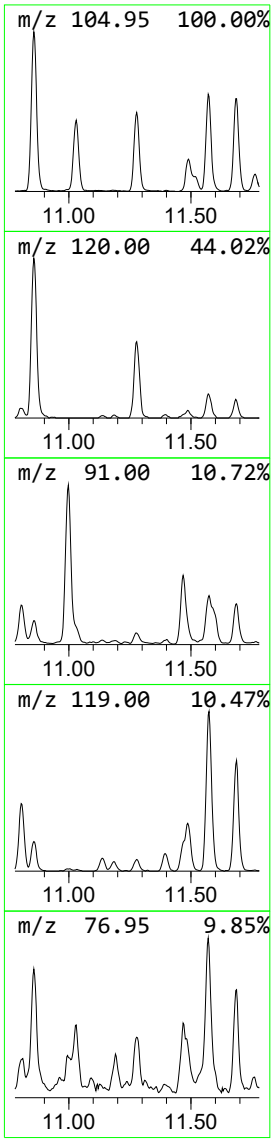
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 1,2,3-trimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.278	1.45 ug/L	137628	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	94
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033307.D
Acq On : 14 Dec 2023 03:55
Operator : SY/MD
Sample : 05770-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y79

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0

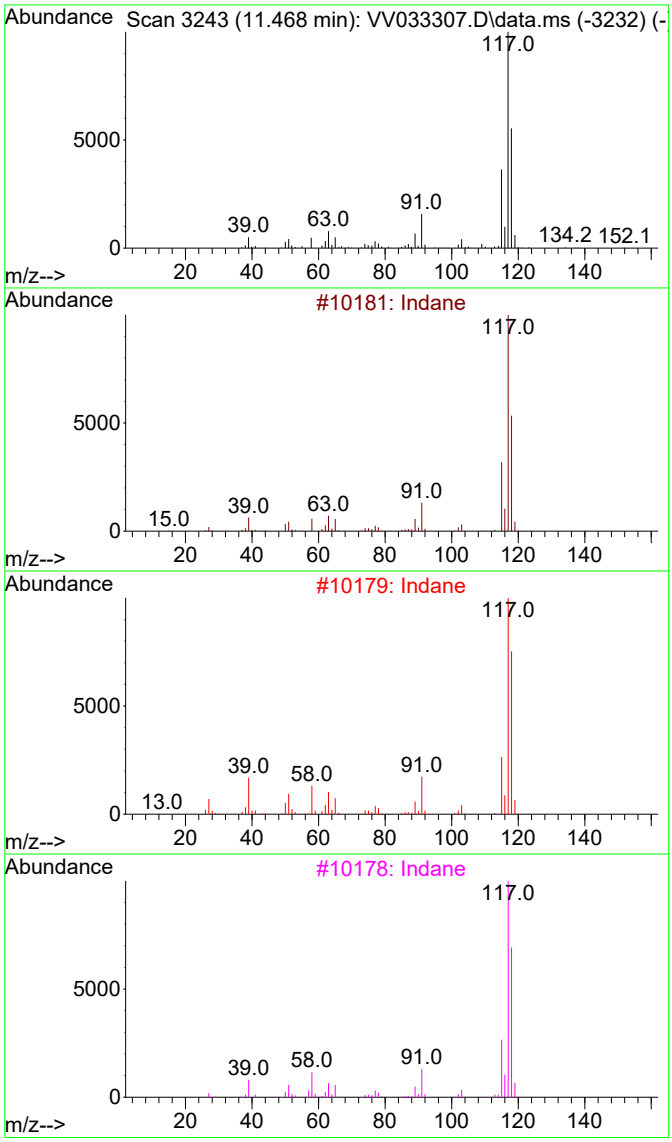
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

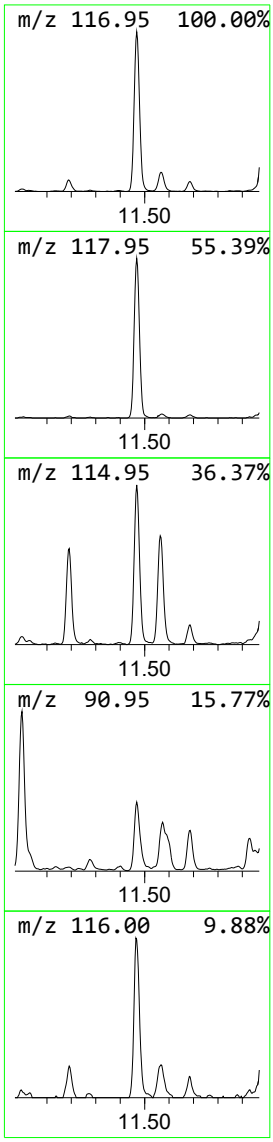
****

Peak Number 17 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.468	6.98 ug/L	662448	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Indane	118	C9H10	000496-11-7	91
3	Indane	118	C9H10	000496-11-7	87
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80





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Data File : VV033307.D
Acq On : 14 Dec 2023 03:55
Operator : SY/MD
Sample : 05770-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y79

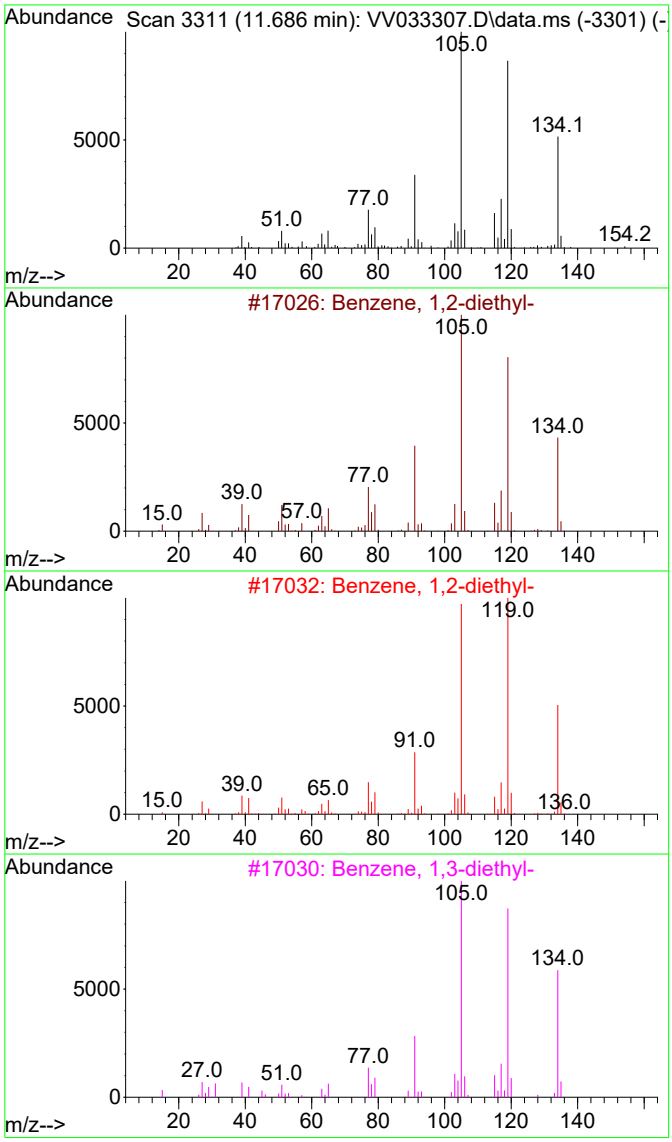
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0

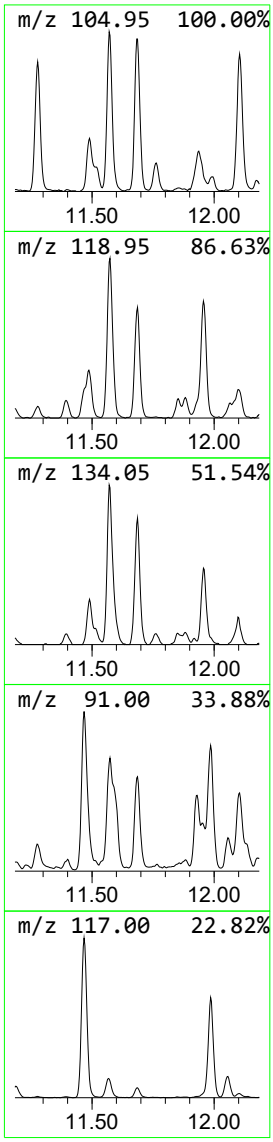
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 1,2-diethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.686	2.55 ug/L	242479	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	97
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87





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Acq On : 14 Dec 2023 03:55
Operator : SY/MD
Sample : 05770-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y79

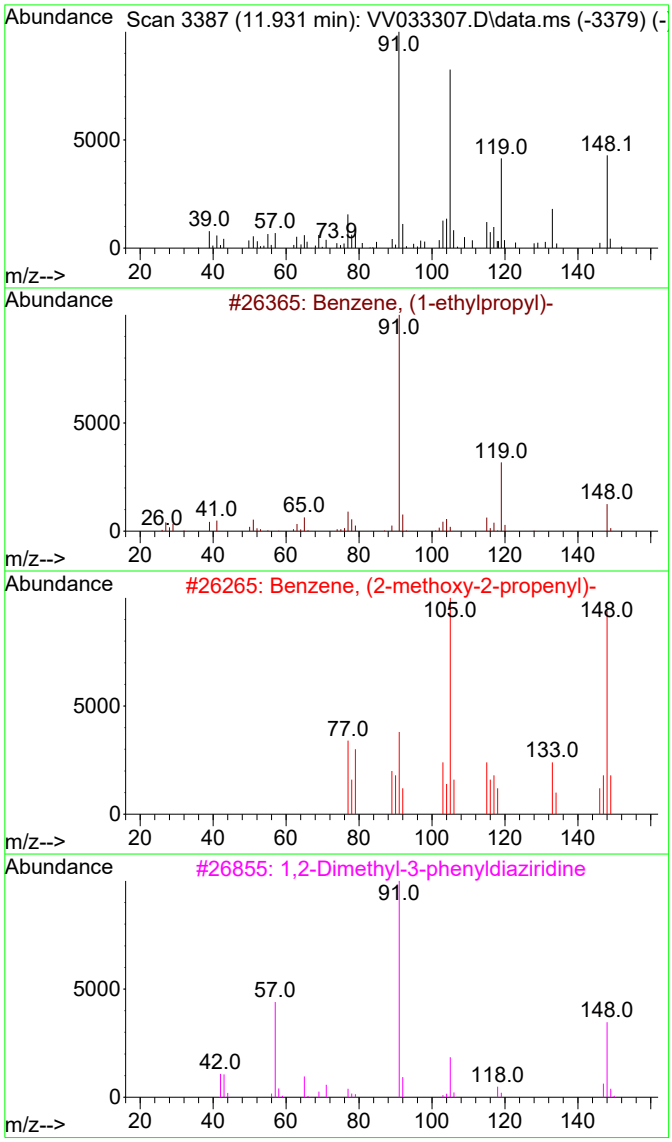
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0

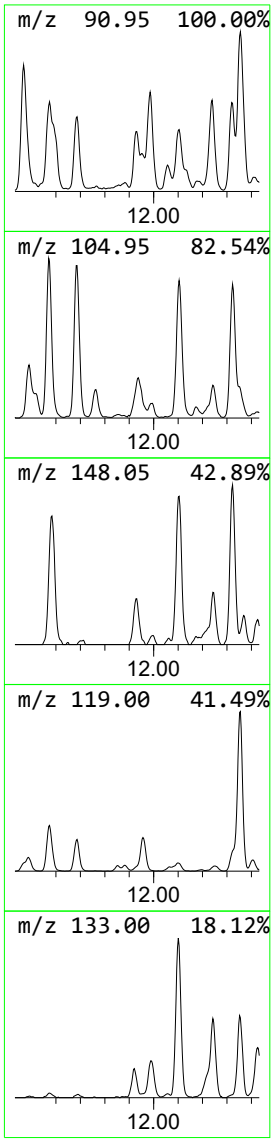
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, (1-ethylpropyl)- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.931	0.56 ug/L	53160	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethylpropyl)-	148	C11H16	001196-58-3	76
2	Benzene, (2-methoxy-2-propenyl)-	148	C10H12O	026473-60-9	46
3	1,2-Dimethyl-3-phenyldiaziridine	148	C9H12N2	051456-63-4	43
4	7-Methyl-1,2,3,5,8,8a-hexahydron...	148	C11H16	107914-88-5	43
5	7-Methyl-1,2,3,5,8,8a-hexahydron...	148	C11H16	107914-88-5	43





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Acq On : 14 Dec 2023 03:55
Operator : SY/MD
Sample : 05770-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y79

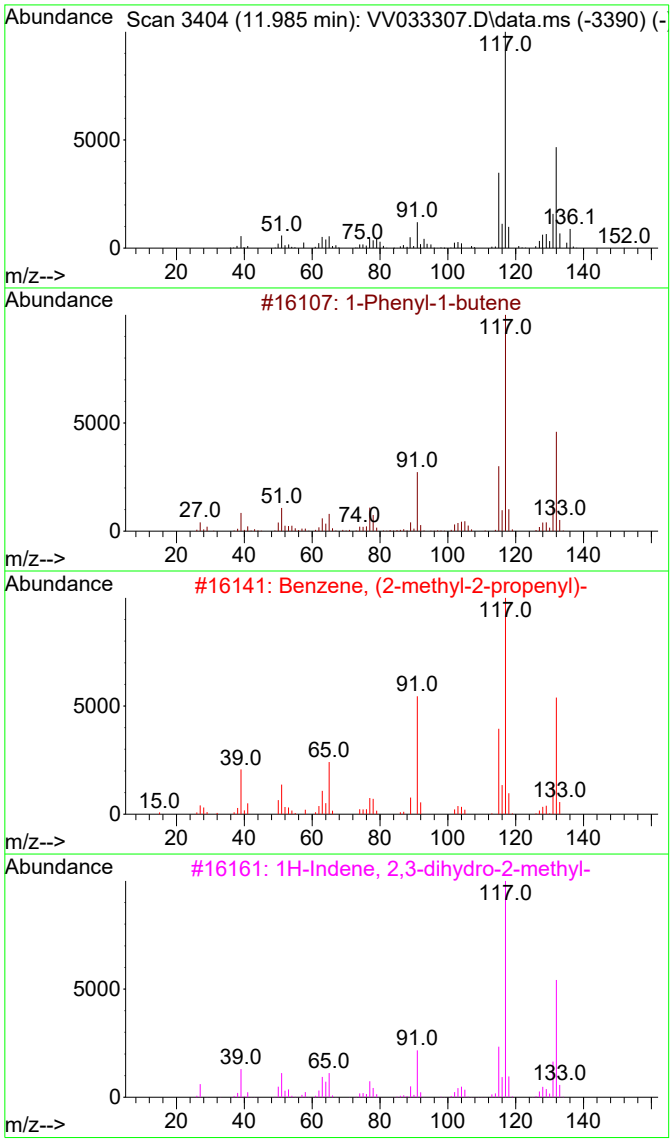
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0

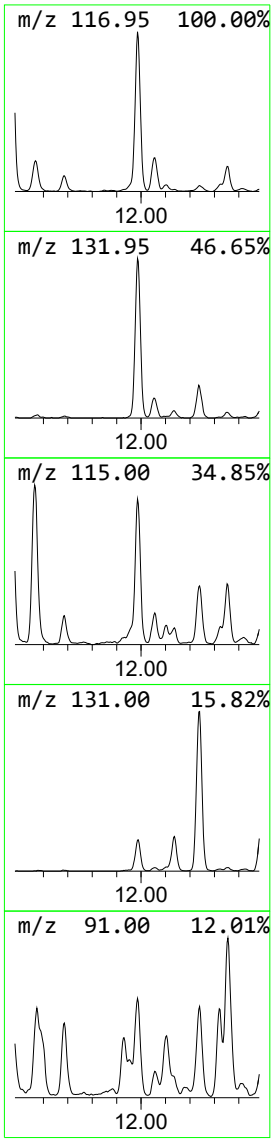
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 1-Phenyl-1-butene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.985	6.08 ug/L	577395	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	94
2	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	91
3	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	91
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	91
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	91





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Data File : VV033307.D
Acq On : 14 Dec 2023 03:55
Operator : SY/MD
Sample : 05770-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y79

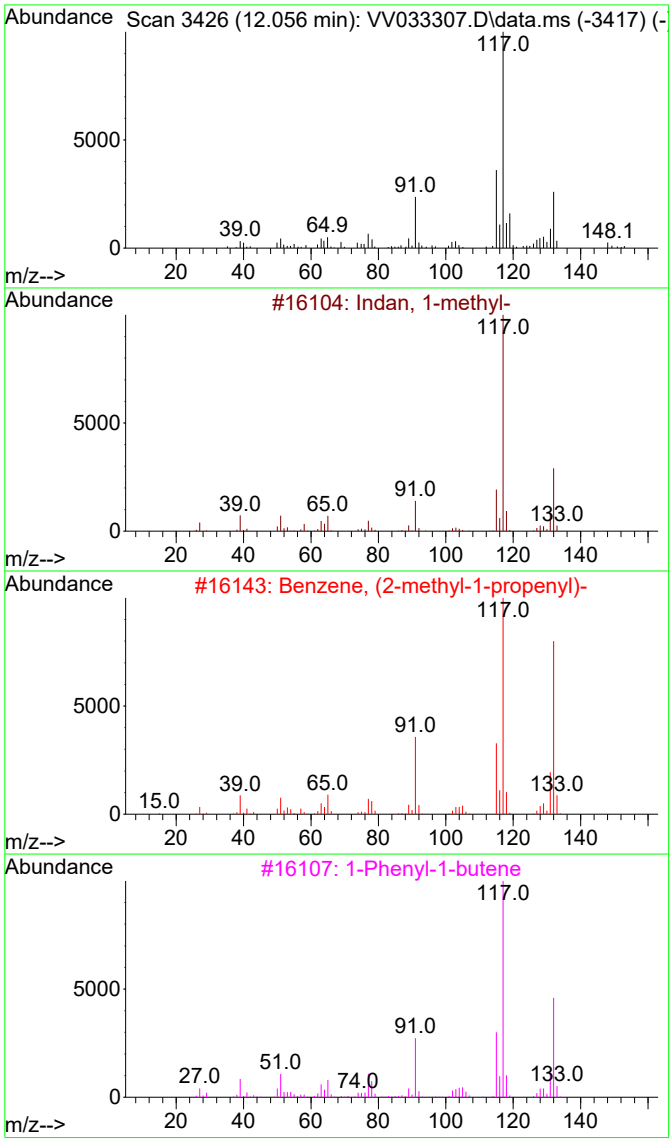
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0

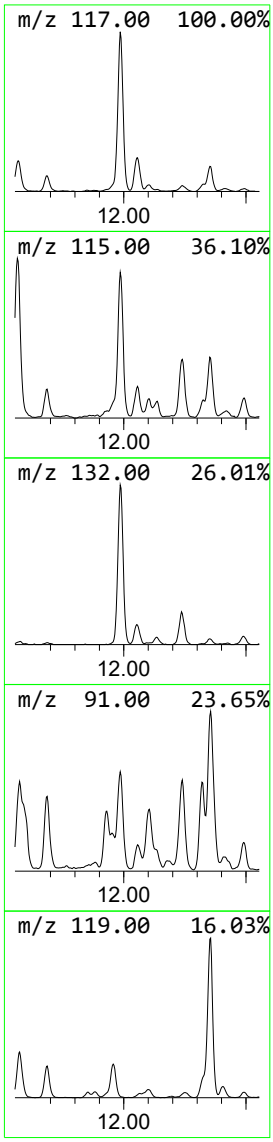
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Indan, 1-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.056	0.89 ug/L	84131	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	87
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	83
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	76





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Acq On : 14 Dec 2023 03:55
Operator : SY/MD
Sample : 05770-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y79

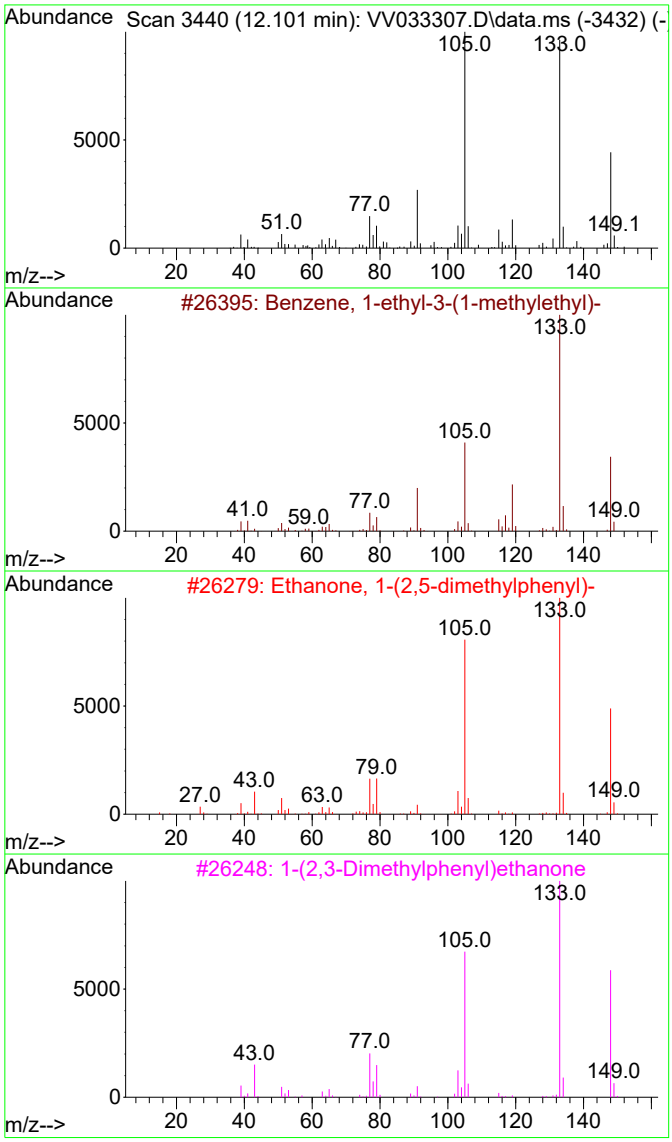
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0

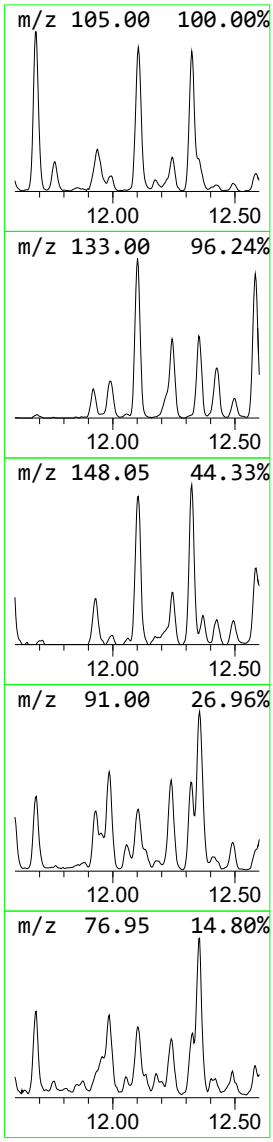
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Benzene, 1-ethyl-3-(1-methy... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.101	1.98 ug/L	188022	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	90
2	Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	90
3	1-(2,3-Dimethylphenyl)ethanone	148	C10H12O	002142-71-4	87
4	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	87
5	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	86





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Data File : VV033307.D
Acq On : 14 Dec 2023 03:55
Operator : SY/MD
Sample : 05770-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y79

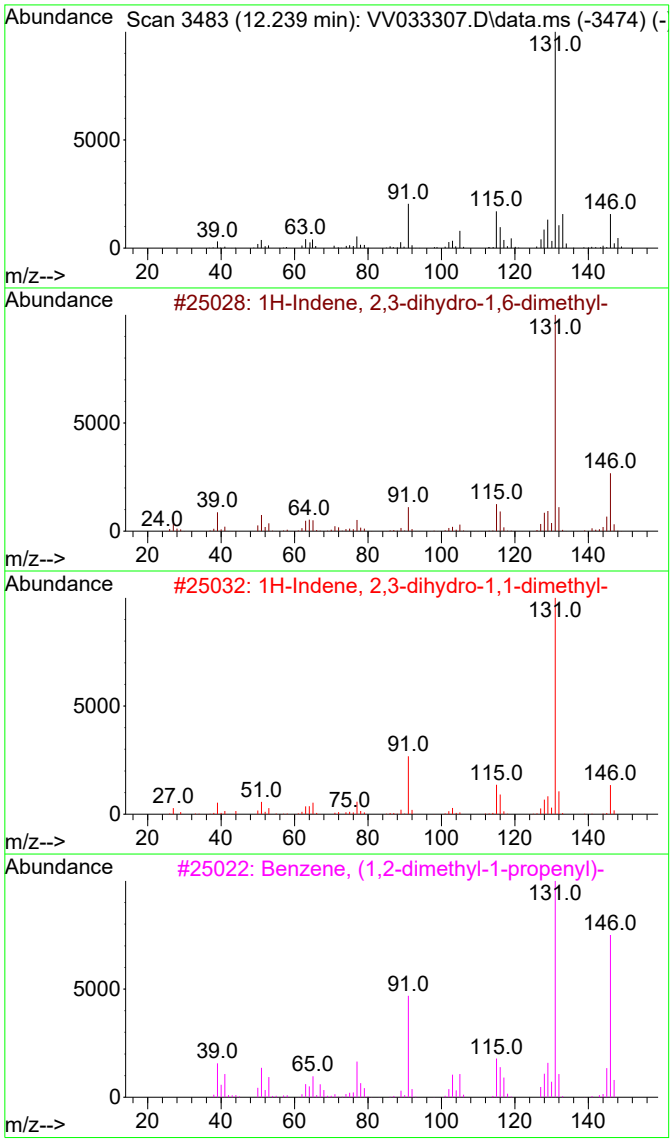
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0

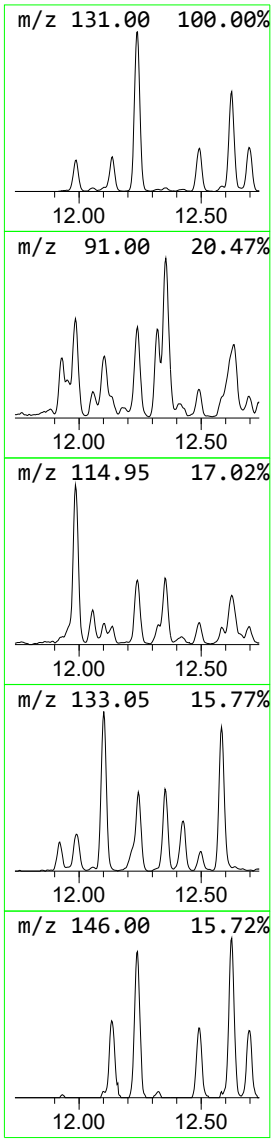
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.239	3.57 ug/L	339052	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	91
2	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	87
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	83
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	83
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033307.D
Acq On : 14 Dec 2023 03:55
Operator : SY/MD
Sample : 05770-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y79

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0

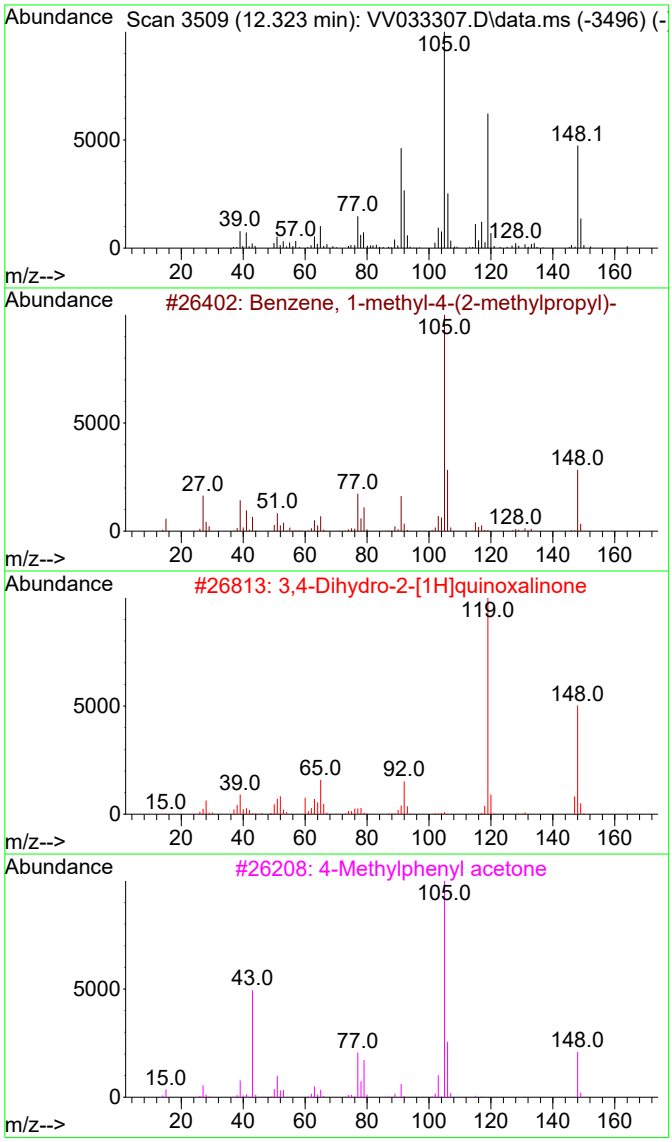
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

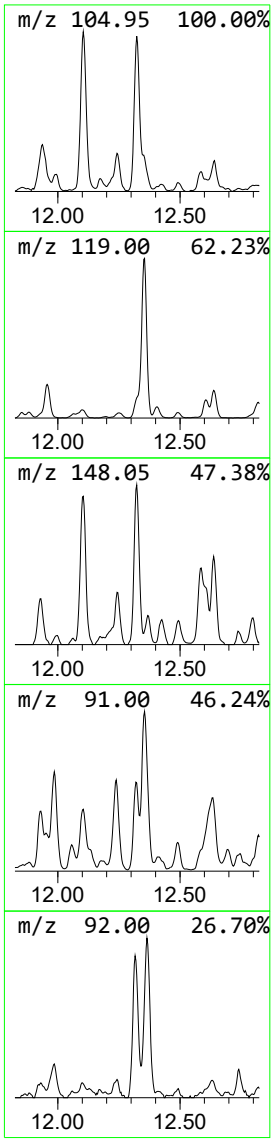
****

Peak Number 24 unknown-02 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.323	2.20 ug/L	209038	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	46
2	3,4-Dihydro-2-[1H]quinoxalinone	148	C8H8N2O	059564-59-9	38
3	4-Methylphenyl acetone	148	C10H12O	002096-86-8	38
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	35
5	1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033307.D
Acq On : 14 Dec 2023 03:55
Operator : SY/MD
Sample : 05770-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y79

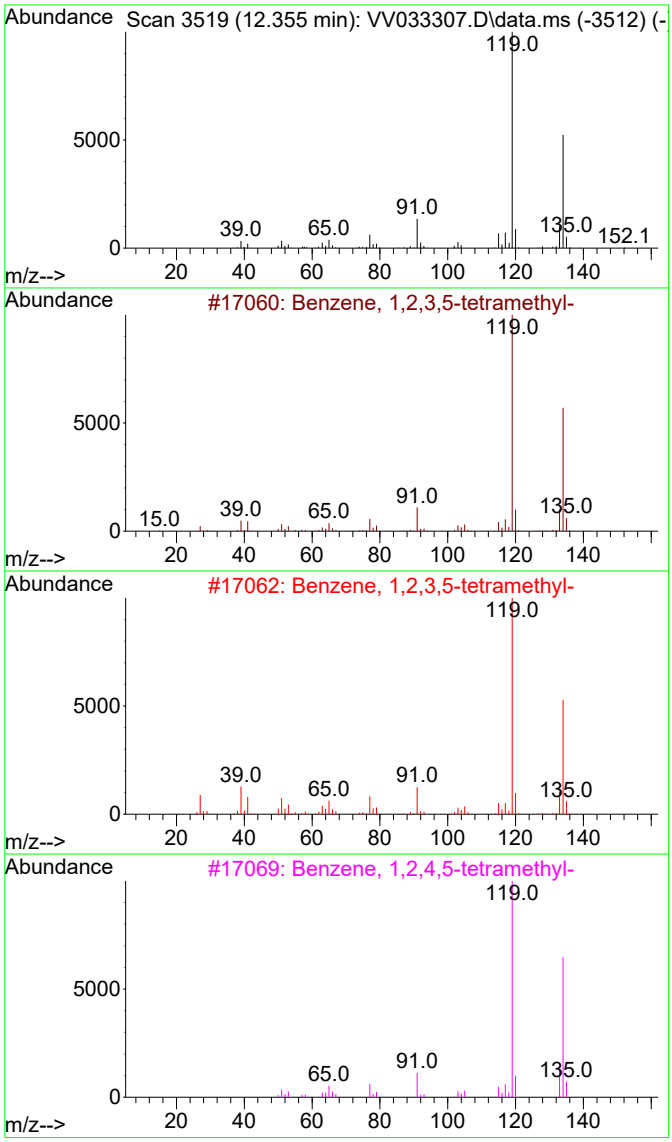
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0

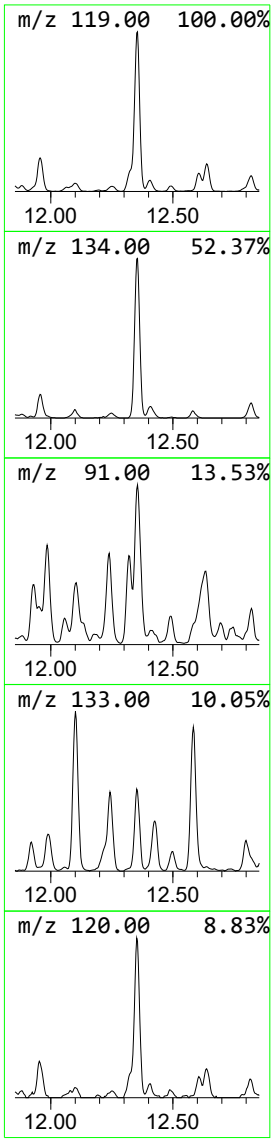
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.355	6.40 ug/L	607884	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
4	o-Cymene	134	C10H14	000527-84-4	93
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033307.D
Acq On : 14 Dec 2023 03:55
Operator : SY/MD
Sample : 05770-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y79

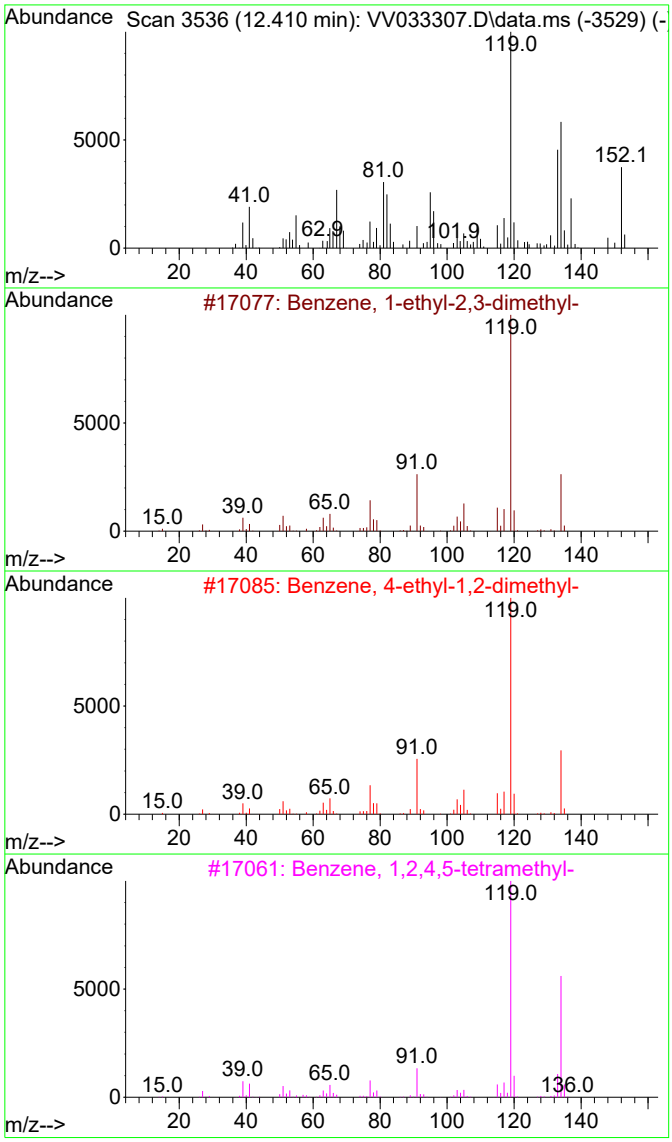
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0

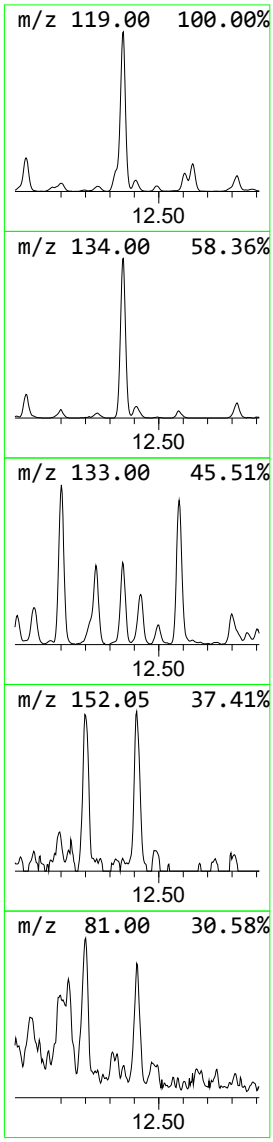
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.410	1.16 ug/L	109875	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	86
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	86
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	55
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	55
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	55





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Data File : VV033307.D
Acq On : 14 Dec 2023 03:55
Operator : SY/MD
Sample : 05770-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y79

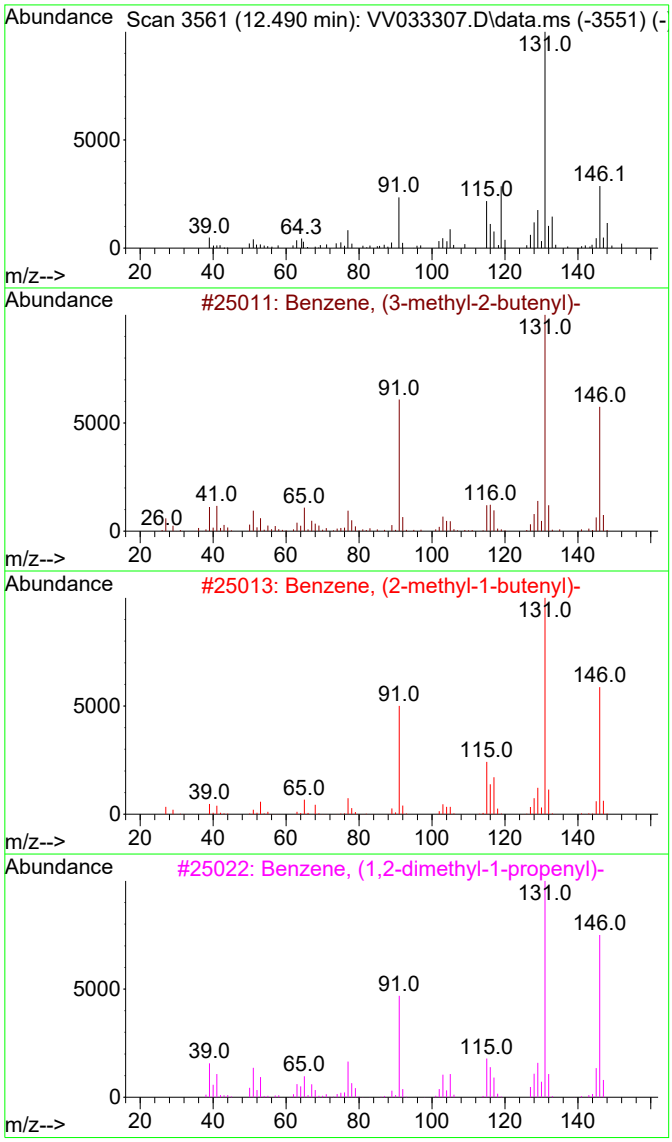
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0

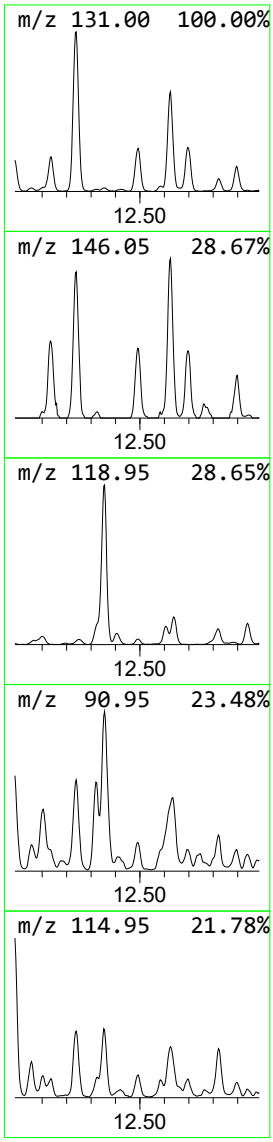
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Benzene, (3-methyl-2-butenyl)- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.490	1.30 ug/L	123676	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	93
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	90
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	89
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	81
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	81





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Data File : VV033307.D
Acq On : 14 Dec 2023 03:55
Operator : SY/MD
Sample : 05770-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y79

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0

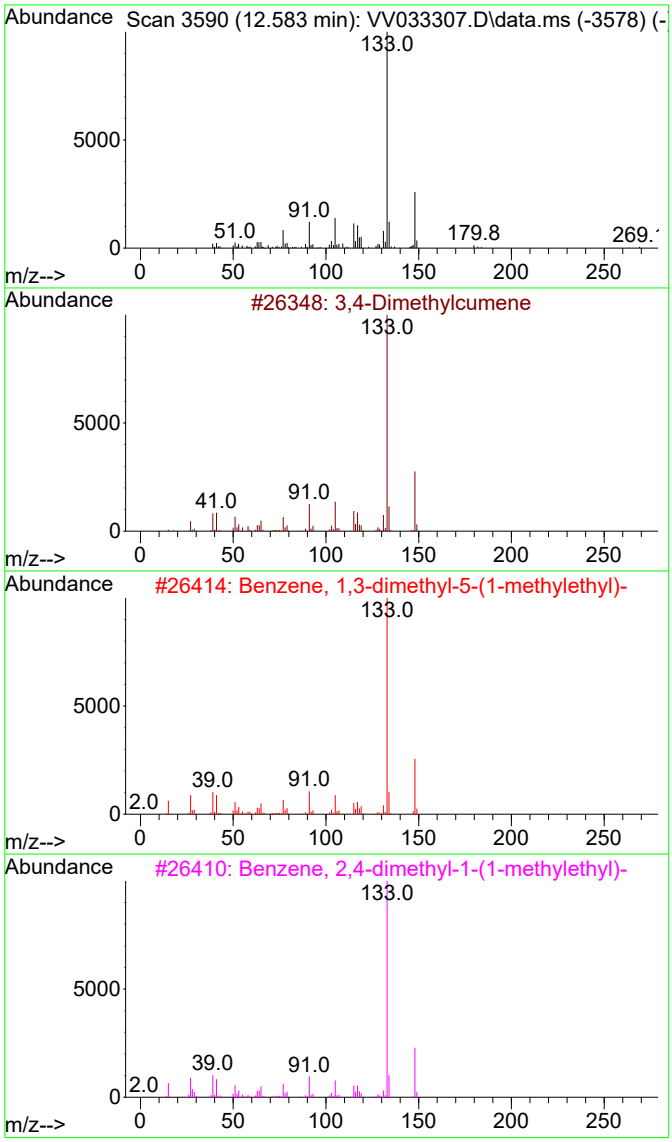
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

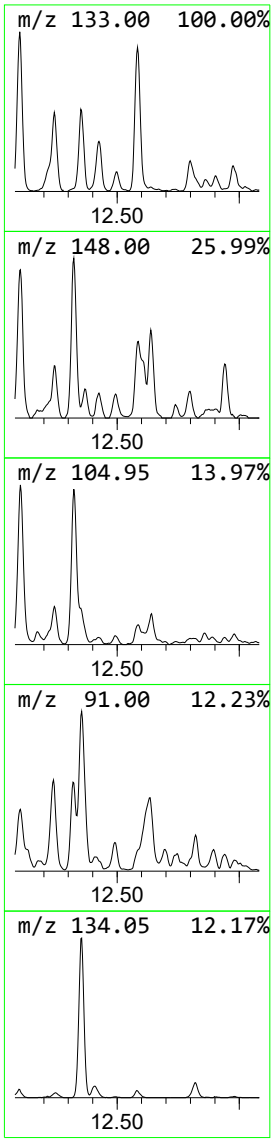
****

Peak Number 28 3,4-Dimethylcumene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.583	1.10 ug/L	104378	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylcumene	148	C11H16	1000370-34-1	97
2	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	95
3	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	94
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	94
5	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033307.D
Acq On : 14 Dec 2023 03:55
Operator : SY/MD
Sample : 05770-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y79

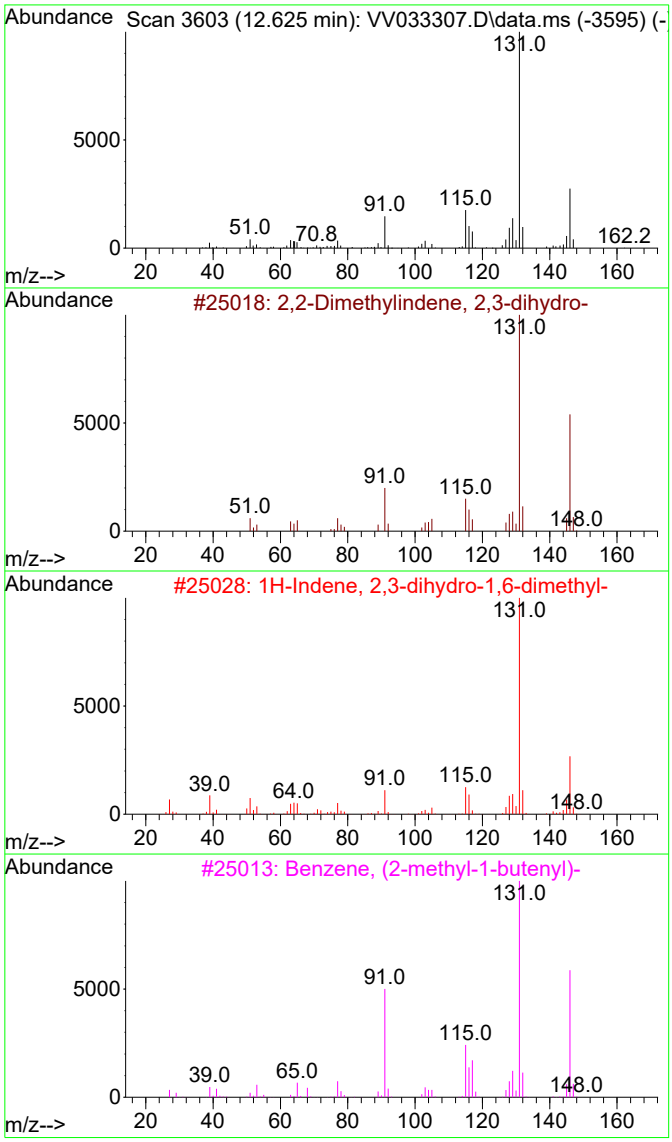
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0

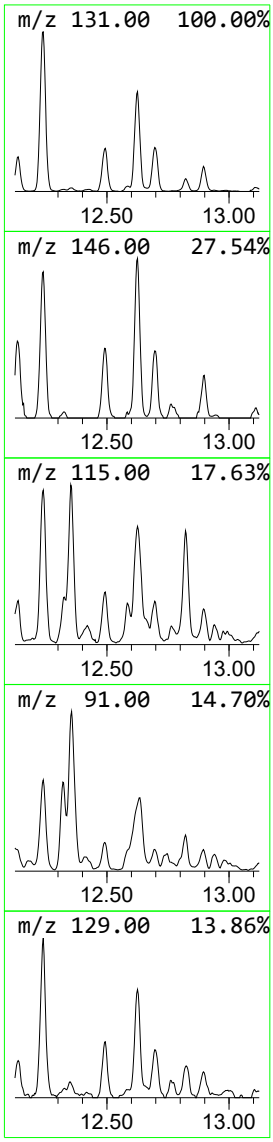
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 2,2-Dimethylindene, 2,3-dih... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.625	3.50 ug/L	332382	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	95
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	94
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	94
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94





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Data File : VV033307.D
Acq On : 14 Dec 2023 03:55
Operator : SY/MD
Sample : 05770-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y79

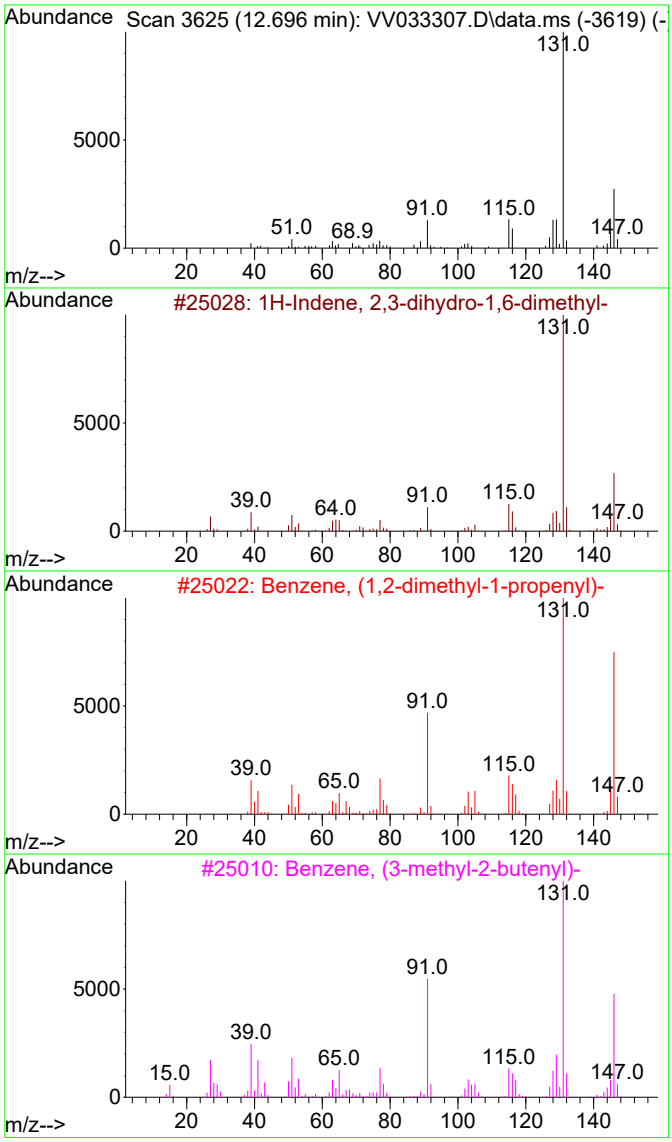
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0

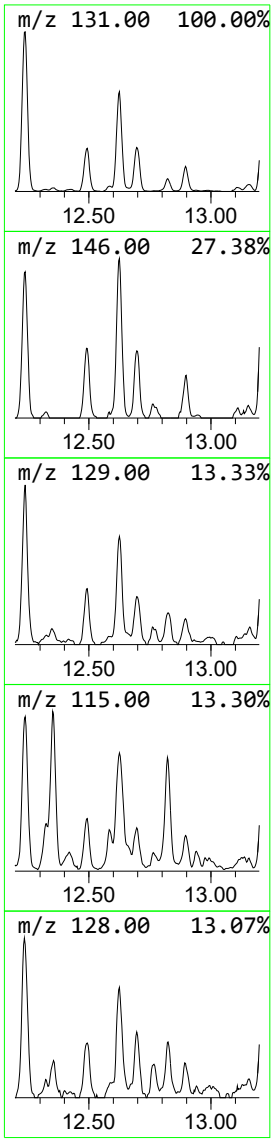
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.696	0.71 ug/L	67134	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	91
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	91
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033307.D
Acq On : 14 Dec 2023 03:55
Operator : SY/MD
Sample : 05770-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y79

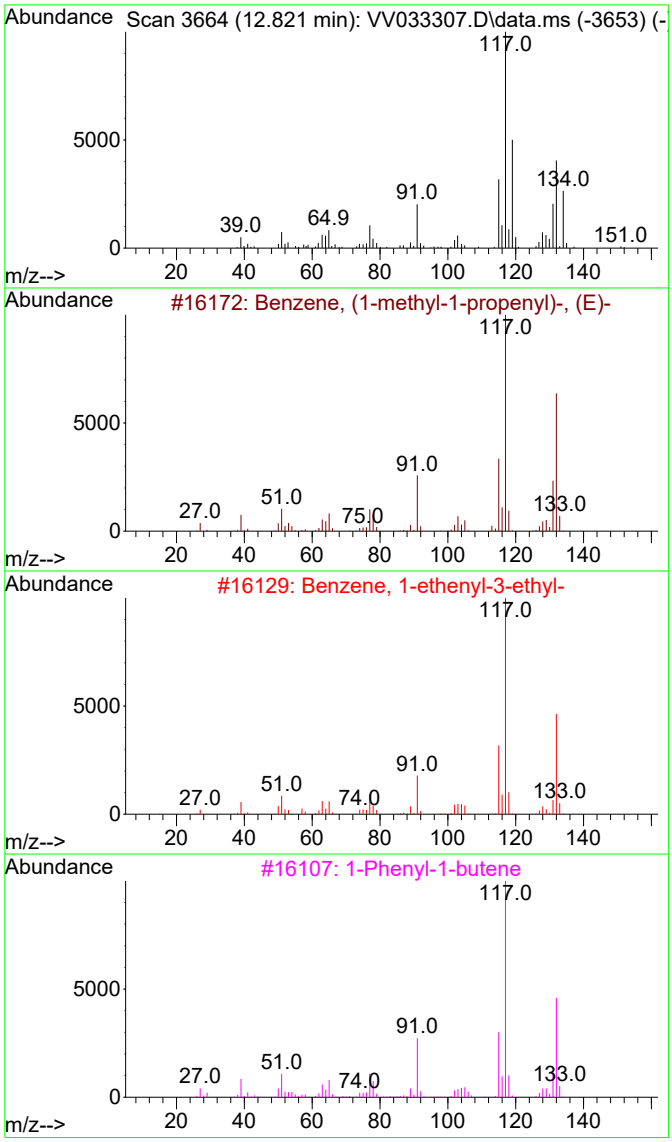
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0

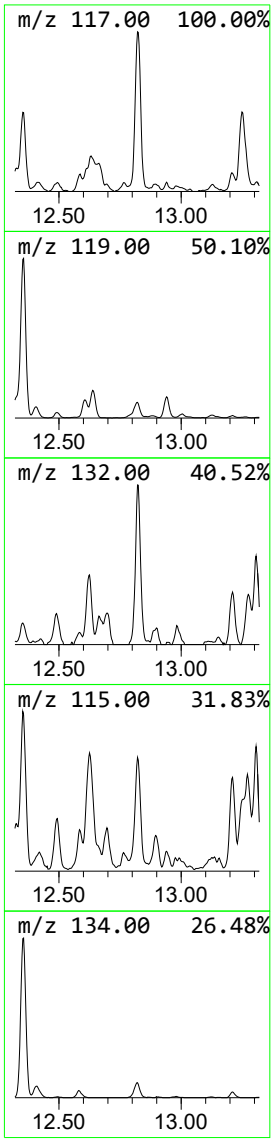
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Benzene, (1-methyl-1-propen... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.821	1.66 ug/L	157746	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	70
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	64
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	64
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033307.D
Acq On : 14 Dec 2023 03:55
Operator : SY/MD
Sample : 05770-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y79

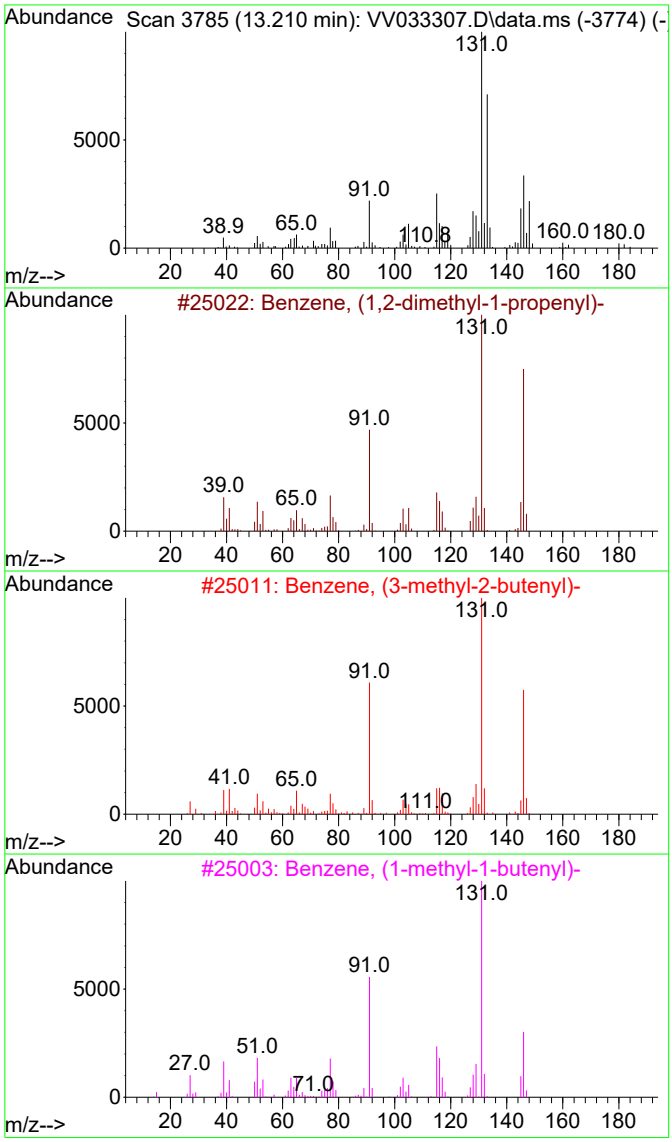
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0

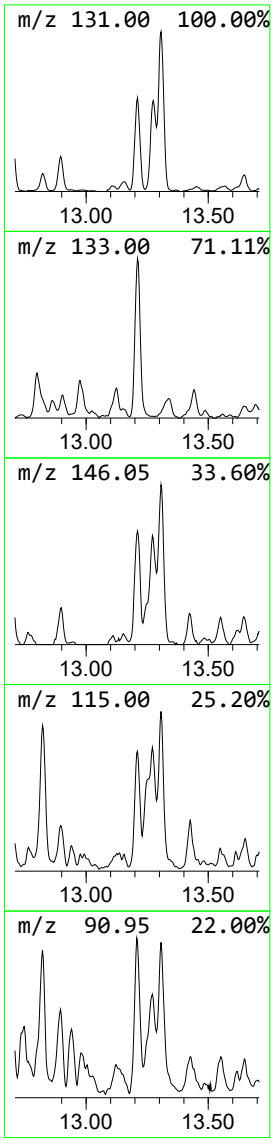
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.210	2.14 ug/L	203369	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	91
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	78
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	64
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	64
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033307.D
Acq On : 14 Dec 2023 03:55
Operator : SY/MD
Sample : 05770-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y79

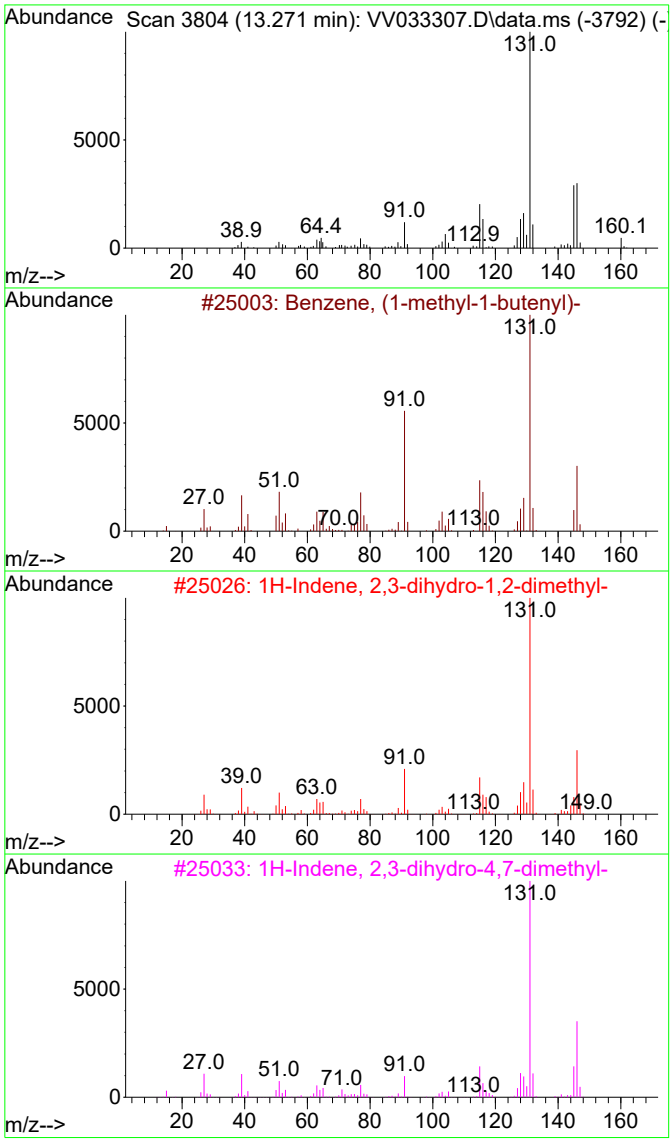
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0

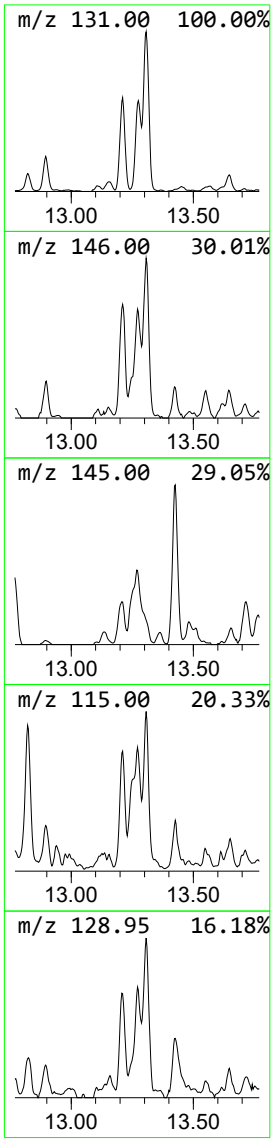
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzene, (1-methyl-1-butenyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.271	2.23 ug/L	211974	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	90
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	87
5	1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	079209-36-2	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033307.D
Acq On : 14 Dec 2023 03:55
Operator : SY/MD
Sample : 05770-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y79

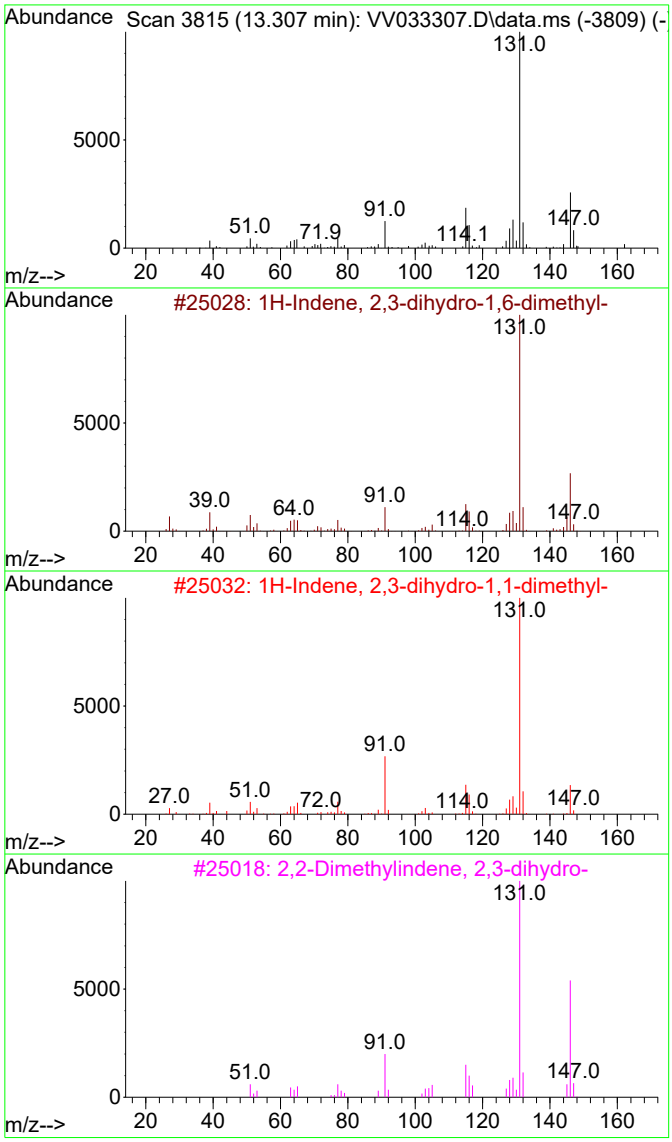
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0

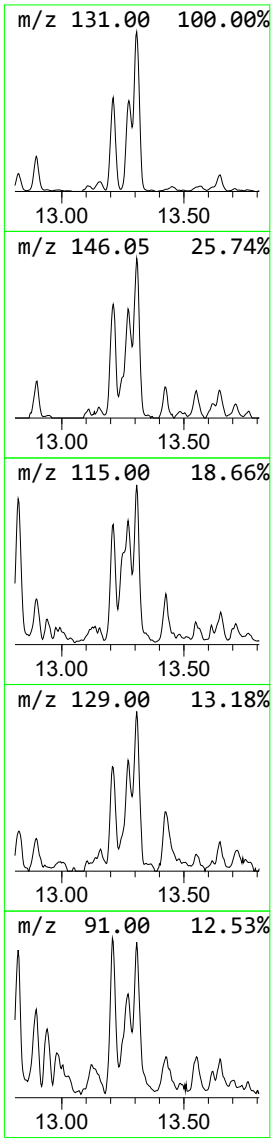
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.307	2.37 ug/L	224510	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	91
2	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	90
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033307.D
Acq On : 14 Dec 2023 03:55
Operator : SY/MD
Sample : 05770-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y79

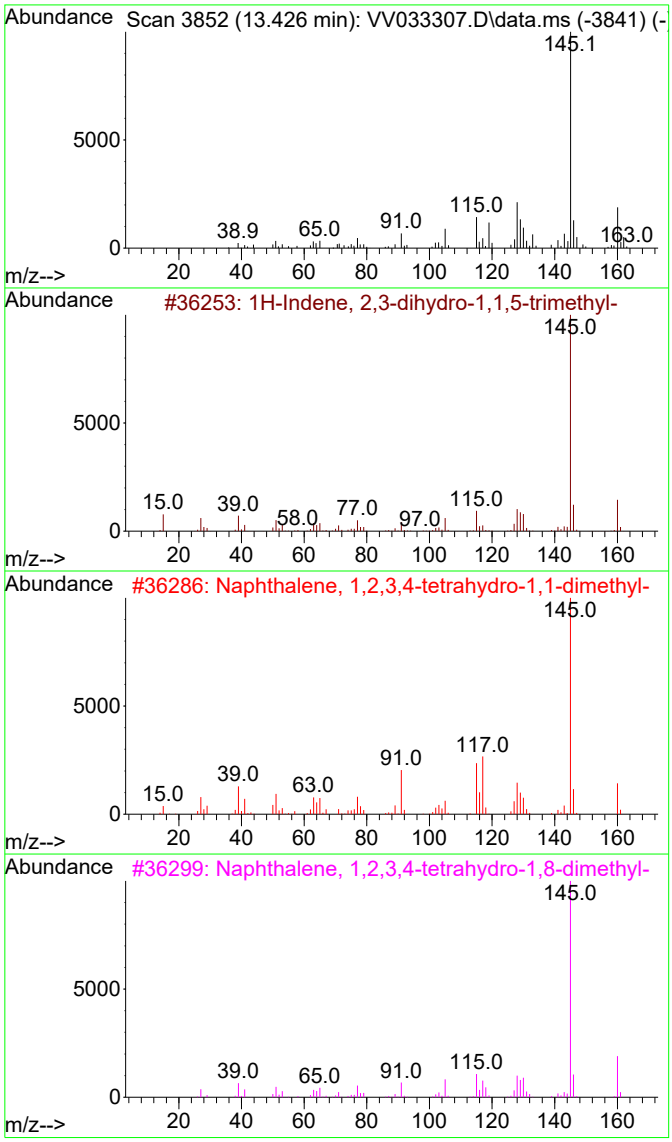
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0

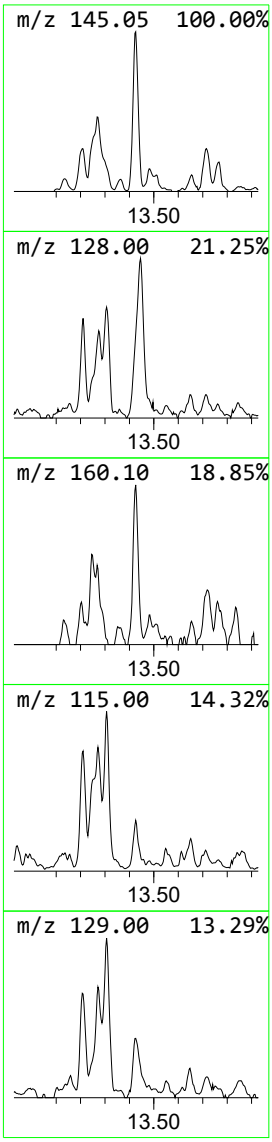
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.426	1.38 ug/L	130781	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	81
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001985-59-7	81
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	81
4	1H-Indene, 2,3-dihydro-1,1,4-tri...	160	C12H16	016204-72-1	76
5	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033307.D
Acq On : 14 Dec 2023 03:55
Operator : SY/MD
Sample : 05770-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y79

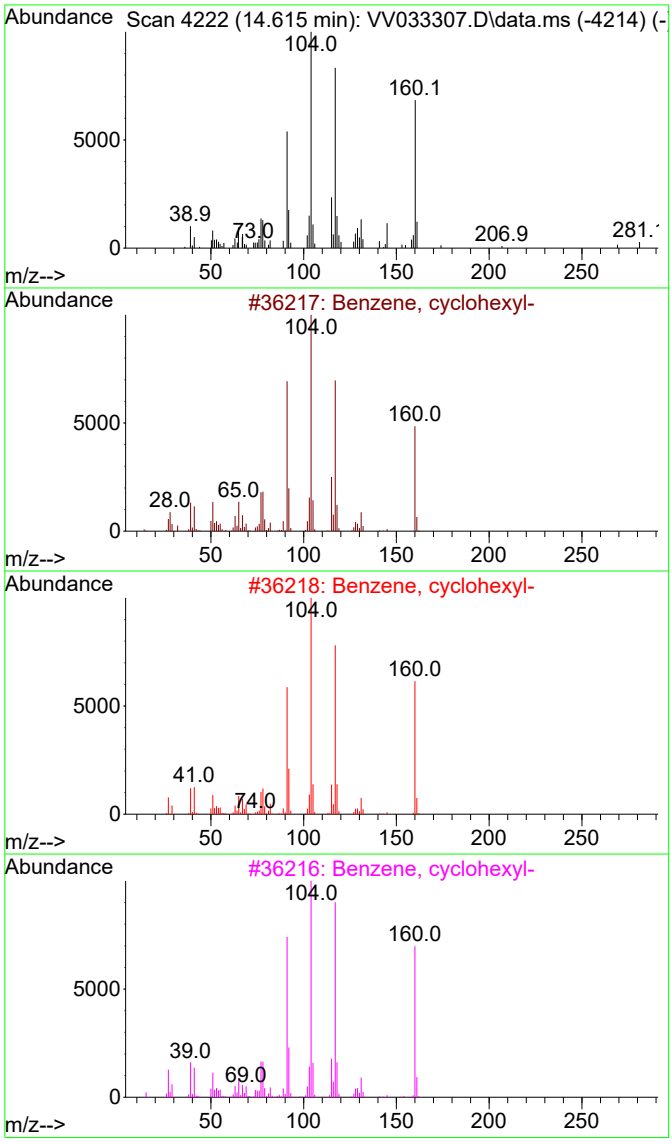
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0

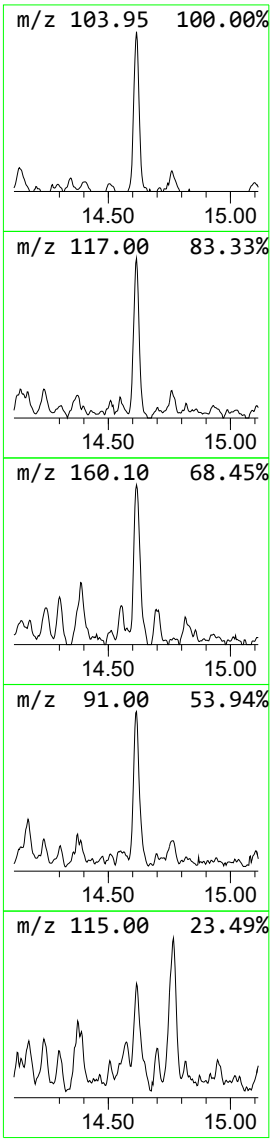
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 Benzene, cyclohexyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.615	1.17 ug/L	111077	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclohexyl-	160	C12H16	000827-52-1	95
2	Benzene, cyclohexyl-	160	C12H16	000827-52-1	95
3	Benzene, cyclohexyl-	160	C12H16	000827-52-1	94
4	Benzene, cyclohexyl-	160	C12H16	000827-52-1	93
5	Hex-1-enylbenzene	160	C12H16	000828-15-9	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033307.D
Acq On : 14 Dec 2023 03:55
Operator : SY/MD
Sample : 05770-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y79

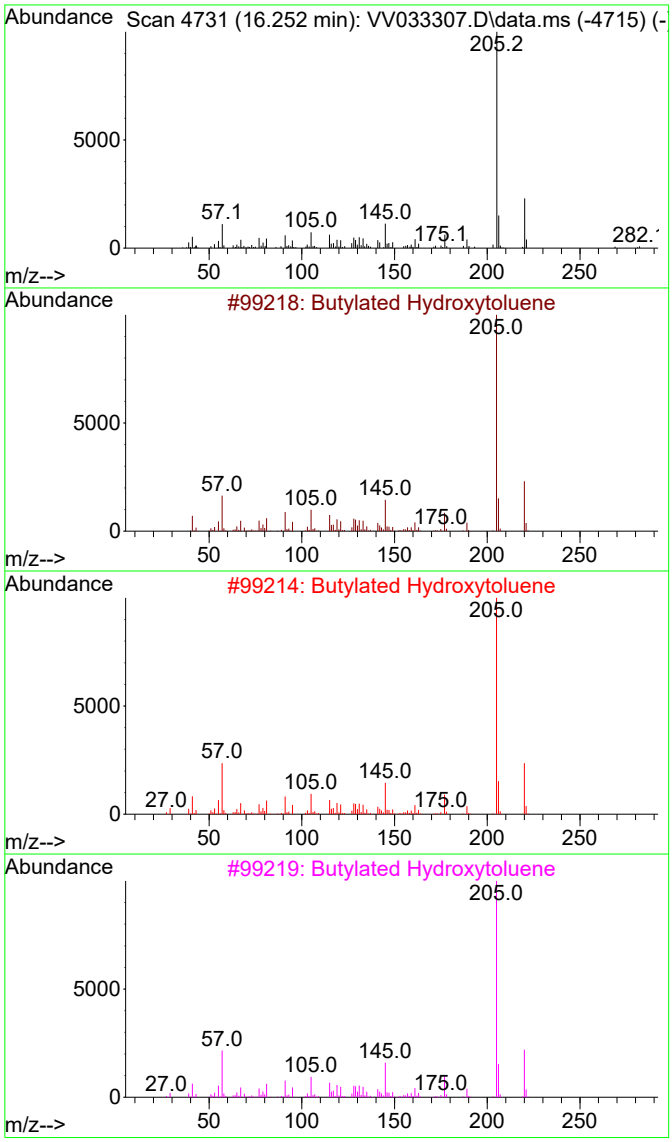
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0

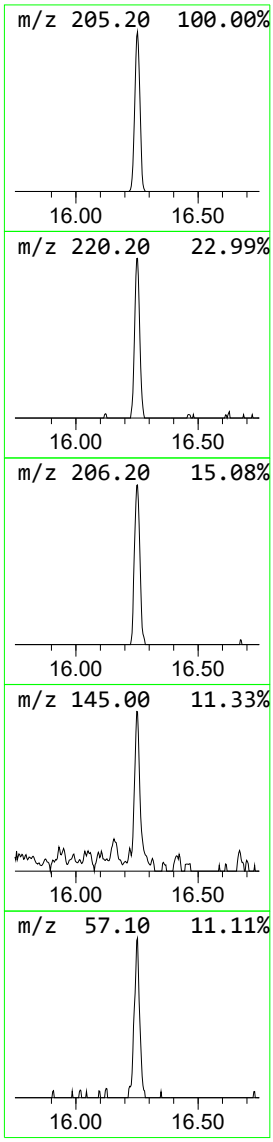
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 Butylated Hydroxytoluene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.252	1.36 ug/L	129053	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	99
2	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	98
3	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	96
4	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	96
5	Ethyl 4-oxo-2-phenylpentanoate	220	C13H16O3	1000427-11-2	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033307.D
Acq On : 14 Dec 2023 03:55
Operator : SY/MD
Sample : 05770-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y79

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.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...	1.082	1.2	ug/L	63334	1	5.564	266425	5.0
(DEL) Alkane: C...	8.301	1.0	ug/L	68967	2	8.802	360412	5.0
(DEL) Alkane: C...	8.545	0.6	ug/L	41563	2	8.802	360412	5.0
(DEL) Alkane: C...	9.143	0.9	ug/L	61795	2	8.802	360412	5.0
Cyclohexene, 3-...	9.262	0.8	ug/L	55897	2	8.802	360412	5.0
(DEL) Alkane: C...	9.423	3.5	ug/L	254418	2	8.802	360412	5.0
Pentalene, octa...	9.648	3.5	ug/L	255983	2	8.802	360412	5.0
Vinylcyclohexyl...	9.744	3.1	ug/L	221986	2	8.802	360412	5.0
Pentalene, octa...	10.069	1.6	ug/L	146702	3	11.191	474545	5.0
Cyclobutane, (1...	10.326	1.7	ug/L	160456	3	11.191	474545	5.0
unknown-01	10.394	1.9	ug/L	175191	3	11.191	474545	5.0
(DEL) Alkane: S...	10.558	1.0	ug/L	98145	3	11.191	474545	5.0
Cyclohexene, 1-...	10.674	2.9	ug/L	274374	3	11.191	474545	5.0
Benzene, (2-met...	10.998	3.5	ug/L	330851	3	11.191	474545	5.0
Benzene, 1,2,3-...	11.278	1.5	ug/L	137628	3	11.191	474545	5.0
Indane	11.468	7.0	ug/L	662448	3	11.191	474545	5.0
Benzene, 1,2-di...	11.686	2.5	ug/L	242479	3	11.191	474545	5.0
Benzene, (1-eth...	11.931	0.6	ug/L	53160	3	11.191	474545	5.0
1-Phenyl-1-butene	11.985	6.1	ug/L	577395	3	11.191	474545	5.0
Indan, 1-methyl-	12.056	0.9	ug/L	84131	3	11.191	474545	5.0
Benzene, 1-ethy...	12.101	2.0	ug/L	188022	3	11.191	474545	5.0
1H-Indene, 2,3-...	12.239	3.6	ug/L	339052	3	11.191	474545	5.0
unknown-02	12.323	2.2	ug/L	209038	3	11.191	474545	5.0
Benzene, 1,2,3,...	12.355	6.4	ug/L	607884	3	11.191	474545	5.0
Benzene, 1-ethy...	12.410	1.2	ug/L	109875	3	11.191	474545	5.0
Benzene, (3-met...	12.490	1.3	ug/L	123676	3	11.191	474545	5.0
3,4-Dimethylcumene	12.583	1.1	ug/L	104378	3	11.191	474545	5.0
2,2-Dimethylind...	12.625	3.5	ug/L	332382	3	11.191	474545	5.0
1H-Indene, 2,3-...	12.696	0.7	ug/L	67134	3	11.191	474545	5.0
Benzene, (1-met...	12.821	1.7	ug/L	157746	3	11.191	474545	5.0
Benzene, (1,2-d...	13.210	2.1	ug/L	203369	3	11.191	474545	5.0
Benzene, (1-met...	13.271	2.2	ug/L	211974	3	11.191	474545	5.0
1H-Indene, 2,3-...	13.307	2.4	ug/L	224510	3	11.191	474545	5.0
1H-Indene, 2,3-...	13.426	1.4	ug/L	130781	3	11.191	474545	5.0
Benzene, cycloh...	14.615	1.2	ug/L	111077	3	11.191	474545	5.0
Butylated Hydro...	16.252	1.4	ug/L	129053	3	11.191	474545	5.0