LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
Data File : VU058433.D
Acq On : 05 Apr 2024 21:03
Operator : MD/SY
Sample : P1925-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(20240326)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU058433.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.354	15	20	38	rVB2	9466	10606	2.42%	0.127%
2	1.486	54	61	68	rBV	43071	42177	9.61%	0.507%
3	1.595	84	95	103	rBV2	55601	67230	15.33%	0.808%
4	1.875	175	182	186	rBV3	7177	8610	1.96%	0.103%
5	1.907	186	192	205	rVV	32457	41271	9.41%	0.496%
6	1.991	209	218	228	rBV	12683	17420	3.97%	0.209%
7	2.364	322	334	349	rBV2	134934	219992	50.15%	2.643%
8	2.560	384	395	411	rBV2	58578	100788	22.97%	1.211%
9	3.039	533	544	552	rBV2	6950	14110	3.22%	0.170%
10	3.351	629	641	660	rVB3	16390	33270	7.58%	0.400%
11	3.856	780	798	826	rBV	182843	438693	100.00%	5.271%
12	3.978	826	836	854	rVB3	4926	12275	2.80%	0.147%
13	4.518	993	1004	1017	rVB6	4811	12035	2.74%	0.145%
14	4.656	1023	1047	1074	rBV2	136288	388345	88.52%	4.666%
15	5.052	1155	1170	1197	rBV	52865	122892	28.01%	1.477%
16	5.380	1260	1272	1286	rBV5	9845	21548	4.91%	0.259%
17	5.717	1358	1377	1386	rBV3	108963	277374	63.23%	3.333%
18	5.772	1387	1394	1413	rVB3	70941	171740	39.15%	2.063%
19	5.888	1422	1430	1446	rVB10	3201	9137	2.08%	0.110%
20	6.242	1527	1540	1563	rBV	101543	196577	44.81%	2.362%
21	6.537	1621	1632	1648	rVB	31616	60850	13.87%	0.731%
22	6.682	1664	1677	1690	rBV	67310	130075	29.65%	1.563%
23	6.756	1690	1700	1716	rVB3	18715	39244	8.95%	0.472%
24	7.560	1939	1950	1967	rBV2	26785	48787	11.12%	0.586%
25	7.891	2042	2053	2070	rVV	126200	224137	51.09%	2.693%
26	7.965	2070	2076	2087	rVV2	4803	8361	1.91%	0.100%
27	8.177	2132	2142	2152	rBV2	14856	25636	5.84%	0.308%
28	8.235	2153	2160	2169	rVB2	4765	7508	1.71%	0.090%
29	8.547	2247	2257	2272	rVB2	13629	23224	5.29%	0.279%
30	8.627	2272	2282	2319	rBV2	116587	239222	54.53%	2.874%
31	8.856	2345	2353	2364	rVB3	6675	10707	2.44%	0.129%
32	9.412	2514	2526	2530	rBV	154958	250092	57.01%	3.005%
33	9.566	2564	2574	2594	rVB	17426	28660	6.53%	0.344%
34	9.666	2594	2605	2609	rBV5	7312	12091	2.76%	0.145%
35	10.097	2733	2739	2753	rVB3	4574	7559	1.72%	0.091%
36	10.476	2848	2857	2870	rBV	31930	49040	11.18%	0.589%

LSC Area Percent Report

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Sample : P1925-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(20240326)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Title : TRACE VOA SFAM1.0

37	10.749	2931	2942	2953	rBV	40263	65333	14.89%	0.785%
38	10.901	2975	2989	2999	rBV	15471	24081	5.49%	0.289%
39	11.016	3019	3025	3034	rVV3	9008	15402	3.51%	0.185%
40	11.081	3034	3045	3054	rVV2	28730	43952	10.02%	0.528%
41	11.286	3099	3109	3128	rVB	51441	83917	19.13%	1.008%
42	11.412	3137	3148	3154	rBV3	4833	7590	1.73%	0.091%
43	11.460	3154	3163	3177	rVB	72836	112074	25.55%	1.347%
44	11.605	3194	3208	3210	rBV3	8997	12516	2.85%	0.150%
45	11.637	3210	3218	3229	rVB	43356	68029	15.51%	0.817%
46	11.740	3240	3250	3259	rBV2	28305	43981	10.03%	0.528%
47	11.804	3259	3270	3287	rVV2	155147	312789	71.30%	3.758%
48	11.888	3287	3296	3316	rVB	62238	98392	22.43%	1.182%
49	12.000	3321	3331	3345	rVB	15573	23353	5.32%	0.281%
50	12.087	3345	3358	3376	rBV2	160934	277438	63.24%	3.333%
51	12.183	3376	3388	3405	rVB5	178102	328774	74.94%	3.950%
52	12.293	3413	3422	3434	rVB	21241	32387	7.38%	0.389%
53	12.370	3434	3446	3460	rVB	34466	52354	11.93%	0.629%
54	12.460	3460	3474	3479	rBV	63373	102774	23.43%	1.235%
55	12.489	3479	3483	3495	rVV	50940	70844	16.15%	0.851%
56	12.563	3495	3506	3513	rVV	44573	72120	16.44%	0.867%
57	12.605	3513	3519	3531	rVV	45795	72058	16.43%	0.866%
58	12.675	3531	3541	3561	rVV3	127221	271591	61.91%	3.263%
59	12.753	3561	3565	3573	rVV5	5669	7697	1.75%	0.092%
60	12.804	3573	3581	3588	rVV5	9322	15222	3.47%	0.183%
61	12.862	3588	3599	3614	rVB3	41865	83797	19.10%	1.007%
62	12.936	3614	3622	3623	rBV3	8744	8993	2.05%	0.108%
63	12.965	3624	3631	3639	rVV	45155	69168	15.77%	0.831%
64	13.019	3639	3648	3663	rVB	105802	167189	38.11%	2.009%
65	13.103	3663	3674	3690	rBV4	24267	52513	11.97%	0.631%
66	13.193	3695	3702	3706	rBV2	6081	7458	1.70%	0.090%
67	13.245	3711	3718	3724	rBV2	19984	26697	6.09%	0.321%
68	13.286	3724	3731	3739	rBV	37247	49502	11.28%	0.595%
69	13.399	3757	3766	3769	rBV3	15339	22909	5.22%	0.275%
70	13.444	3770	3780	3794	rVB3	221986	383202	87.35%	4.604%
71	13.617	3818	3834	3849	rVB	98074	170907	38.96%	2.053%
72	13.727	3856	3868	3875	rBV2	20591	34669	7.90%	0.417%
73	13.775	3875	3883	3891	rVB	29651	42868	9.77%	0.515%
74	13.833	3891	3901	3911	rBV5	45487	91096	20.77%	1.094%
75	13.904	3917	3923	3926	rBV	22035	27300	6.22%	0.328%
76	13.933	3926	3932	3952	rVB2	88049	159914	36.45%	1.921%

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Sample : P1925-03
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ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PMW-3(20240326)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Title : TRACE VOA SFAM1.0

77	14.080	3954	3978	3999	rBV	109560	236087	53.82%	2.837%
78	14.183	3999	4010	4023	rVB2	48106	81058	18.48%	0.974%
79	14.280	4023	4040	4051	rBV2	86667	154980	35.33%	1.862%
80	14.338	4051	4058	4067	rVV3	24102	36724	8.37%	0.441%
81	14.386	4068	4073	4081	rVB5	5659	8225	1.87%	0.099%
82	14.476	4089	4101	4108	rBV	33946	58518	13.34%	0.703%
83	14.679	4147	4164	4182	rVV4	65848	155633	35.48%	1.870%
84	14.756	4182	4188	4194	rVV5	5733	8308	1.89%	0.100%
85	14.804	4195	4203	4212	rVV3	14733	23687	5.40%	0.285%
86	14.868	4213	4223	4235	rVB3	36792	63088	14.38%	0.758%
87	14.933	4235	4243	4254	rVB7	6756	10818	2.47%	0.130%
88	15.010	4254	4267	4281	rBV3	52293	96142	21.92%	1.155%
89	15.215	4314	4331	4340	rVV3	58213	126940	28.94%	1.525%
90	15.264	4340	4346	4361	rVV4	23977	42696	9.73%	0.513%
91	15.338	4361	4369	4377	rVV5	9439	13941	3.18%	0.167%
92	15.405	4378	4390	4401	rVV2	55592	104319	23.78%	1.253%
93	15.460	4401	4407	4413	rVV6	12199	21328	4.86%	0.256%
94	15.492	4414	4417	4428	rVB8	9172	13180	3.00%	0.158%
95	15.582	4428	4445	4457	rBV6	10720	27615	6.29%	0.332%
96	15.756	4489	4499	4508	rBV4	3589	5898	1.34%	0.071%
97	15.920	4533	4550	4568	rVV5	11662	30477	6.95%	0.366%
98	16.003	4568	4576	4584	rVB6	3377	5626	1.28%	0.068%
99	16.180	4624	4631	4639	rVB4	3869	5858	1.34%	0.070%
100	16.402	4692	4700	4709	rBV7	4625	7794	1.78%	0.094%

Sum of corrected areas: 8323073

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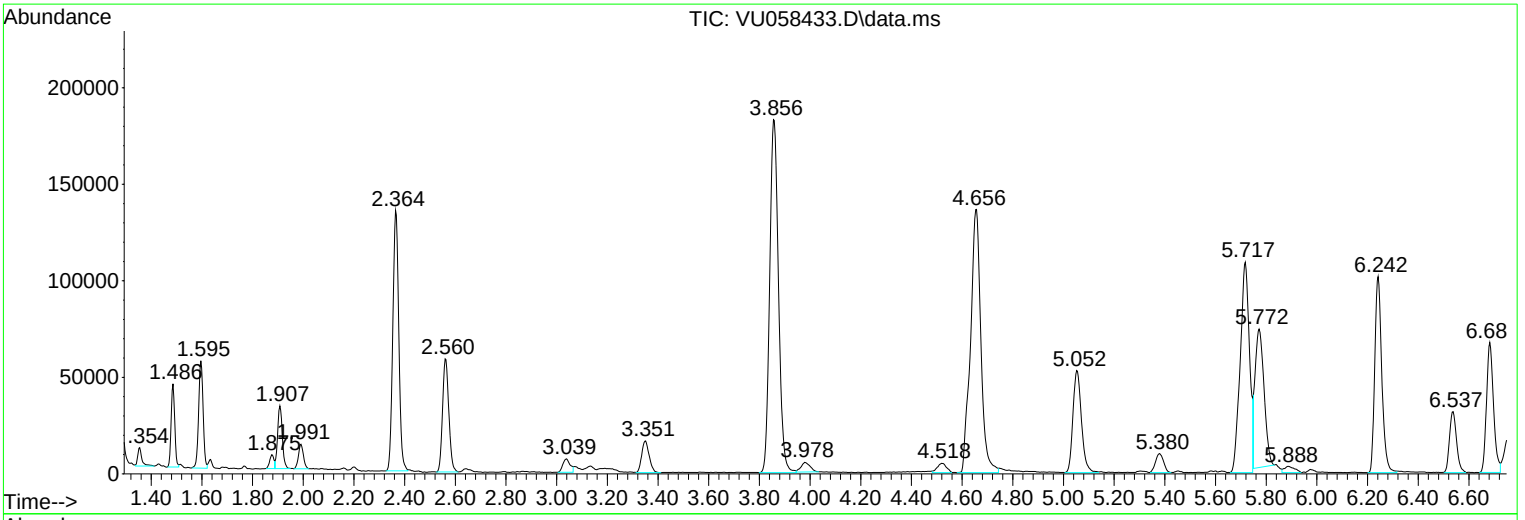
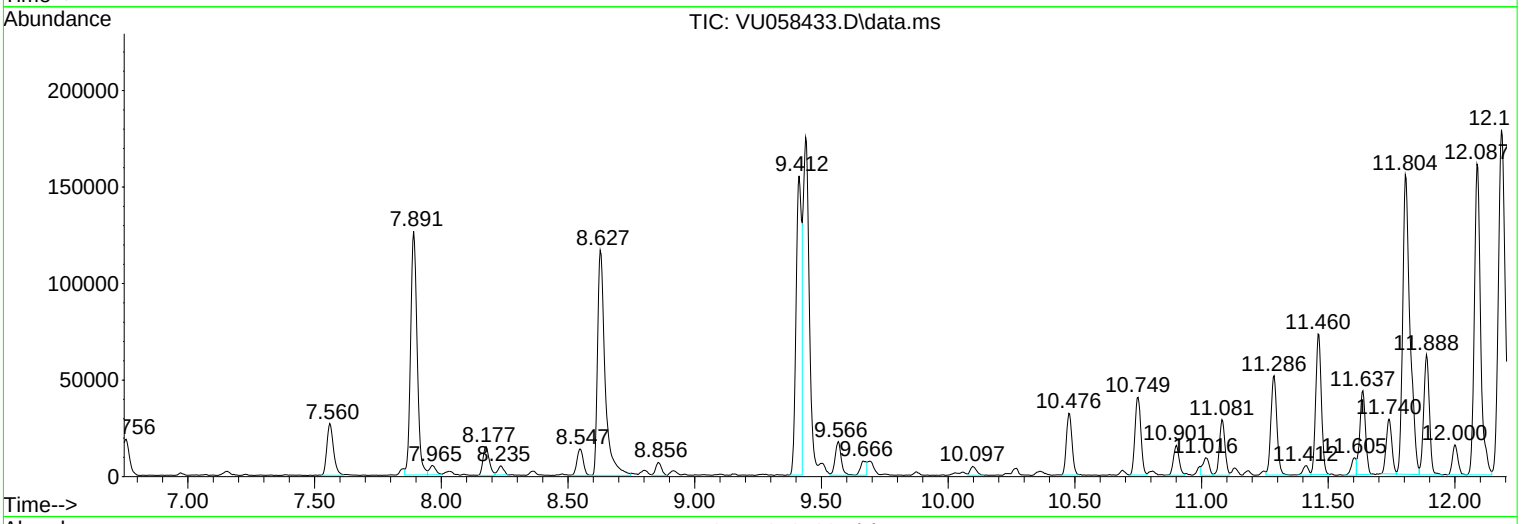
ALS Vial : 33 Sample Multiplier: 1

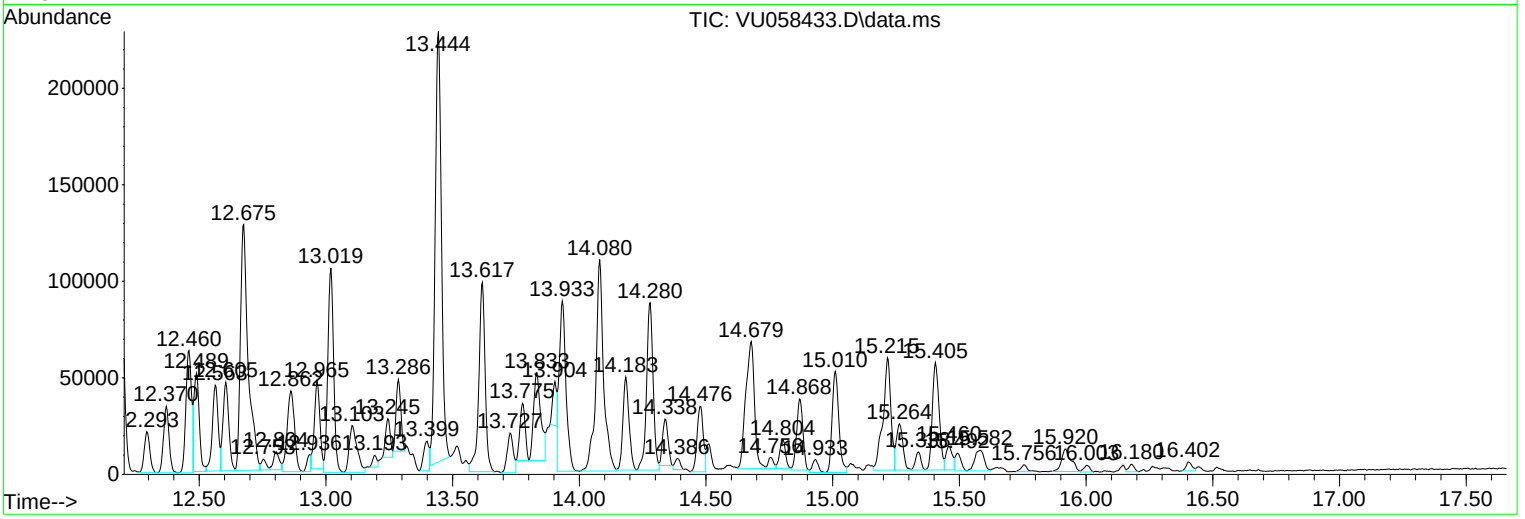
Instrument :
MSVOA_U
ClientSampleId :
PMW-3(20240326)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
Data File : VU058433.D
Acq On : 05 Apr 2024 21:03
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ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(20240326)

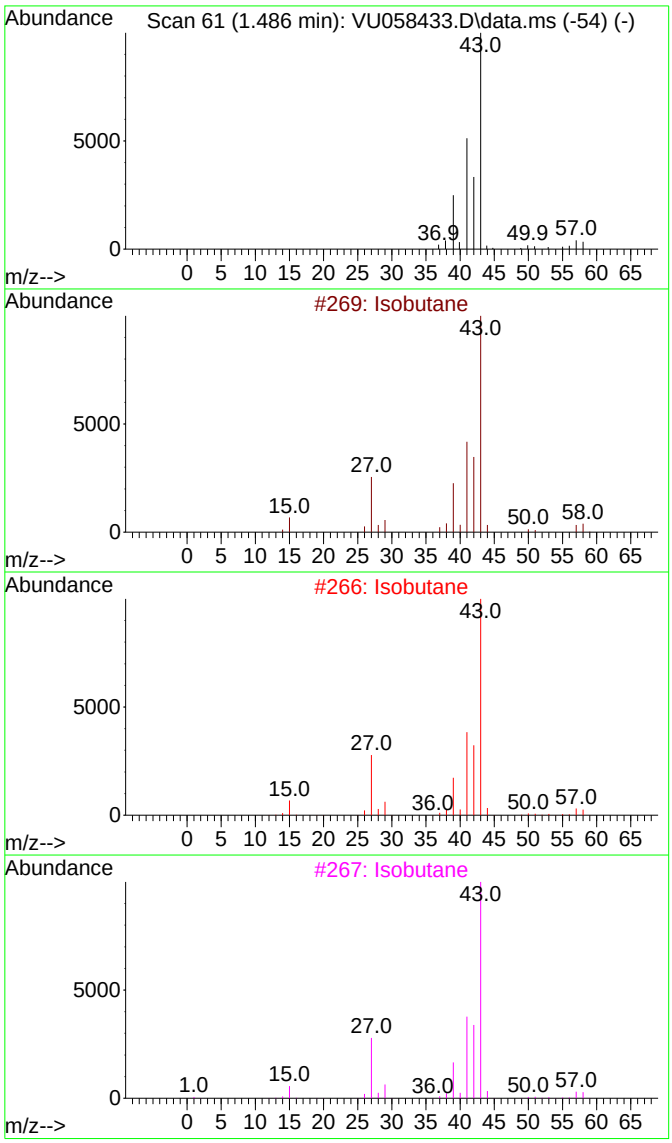
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0

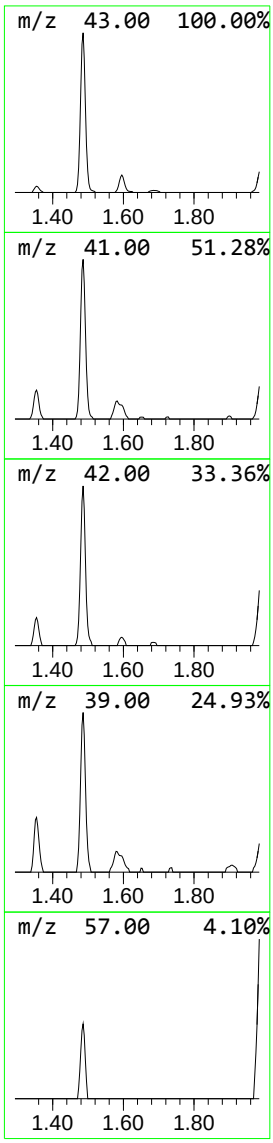
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.486	1.07 ug/L	42177	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	64
2	Isobutane	58	C4H10	000075-28-5	64
3	Isobutane	58	C4H10	000075-28-5	50
4	Isobutane	58	C4H10	000075-28-5	50
5	Isobutane	58	C4H10	000075-28-5	42





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ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PMW-3(20240326)

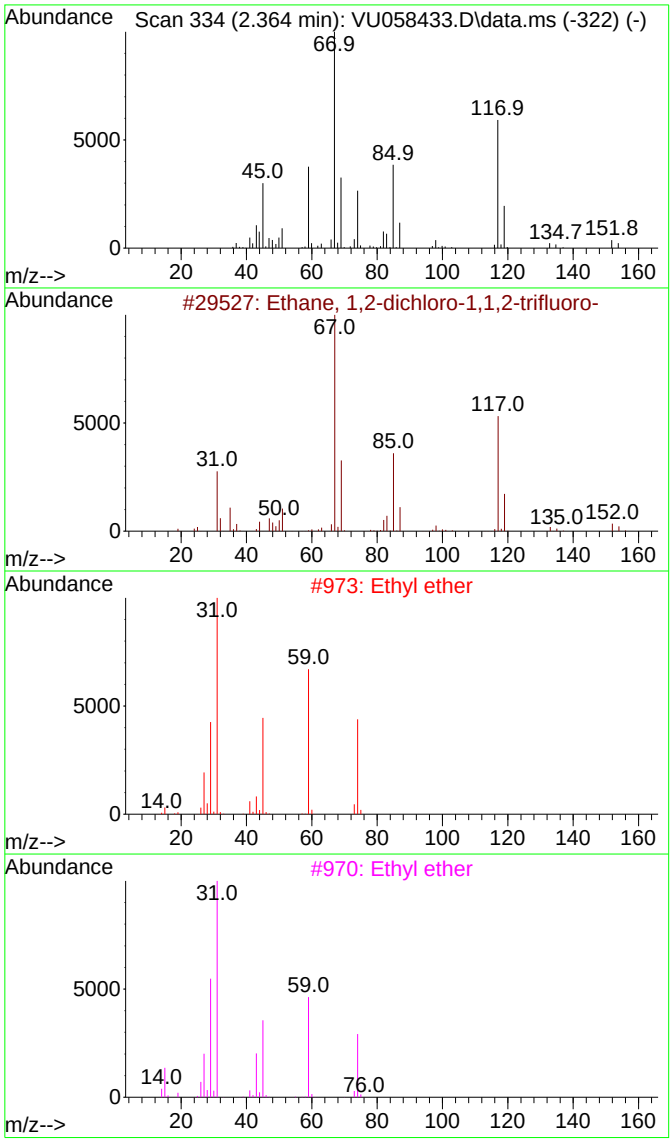
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0

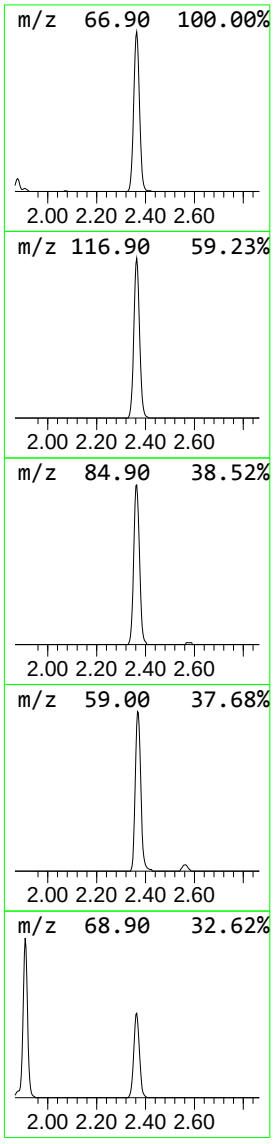
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethane, 1,2-dichloro-1,1,2-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.364	5.60 ug/L	219992	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,2-dichloro-1,1,2-trifl...	152	C2HCl2F3	000354-23-4	95
2	Ethyl ether	74	C4H10O	000060-29-7	11
3	Ethyl ether	74	C4H10O	000060-29-7	11
4	Ethyl ether	74	C4H10O	000060-29-7	10
5	Cyclopropane, 1,2-dimethyl-3-met...	82	C6H10	062338-02-7	10





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ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(20240326)

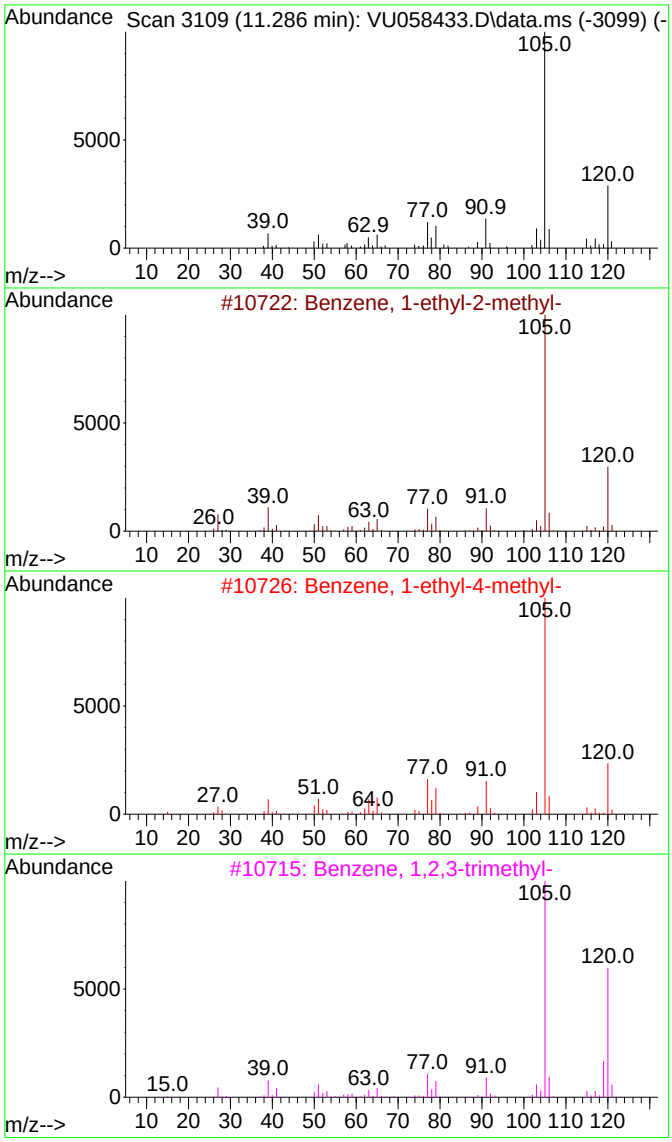
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0

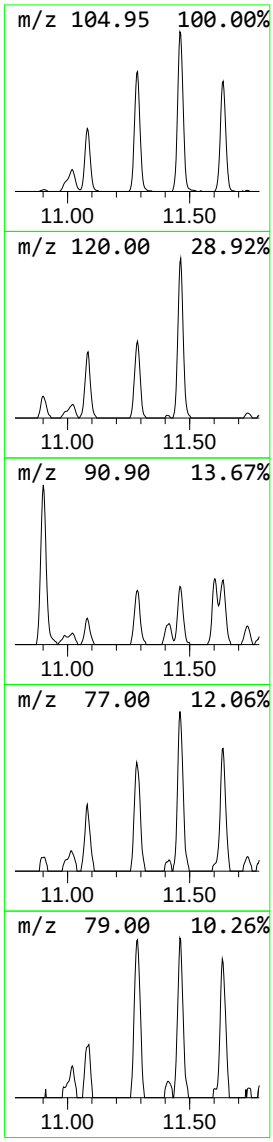
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.286	1.34 ug/L	83917	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
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Acq On : 05 Apr 2024 21:03
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ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(20240326)

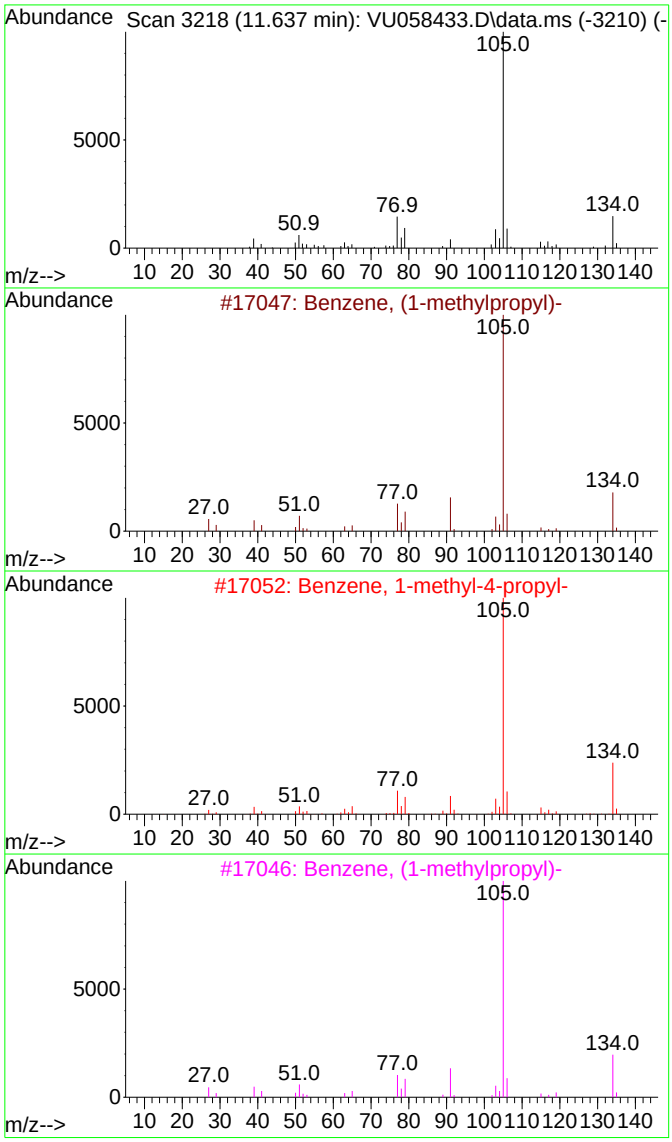
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0

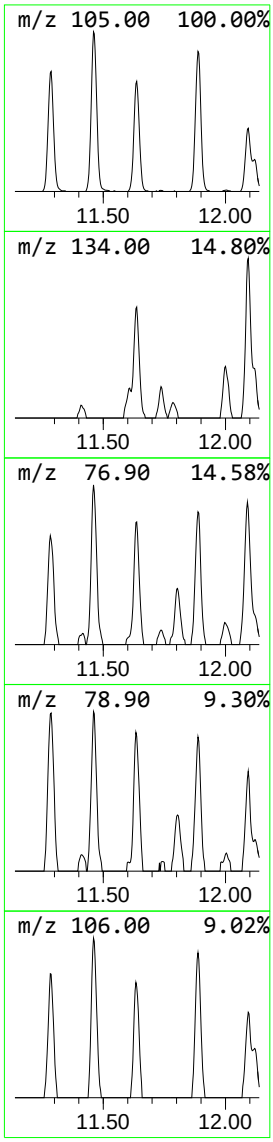
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, (1-methylpropyl)- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.637	1.09 ug/L	68029	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
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ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PMW-3(20240326)

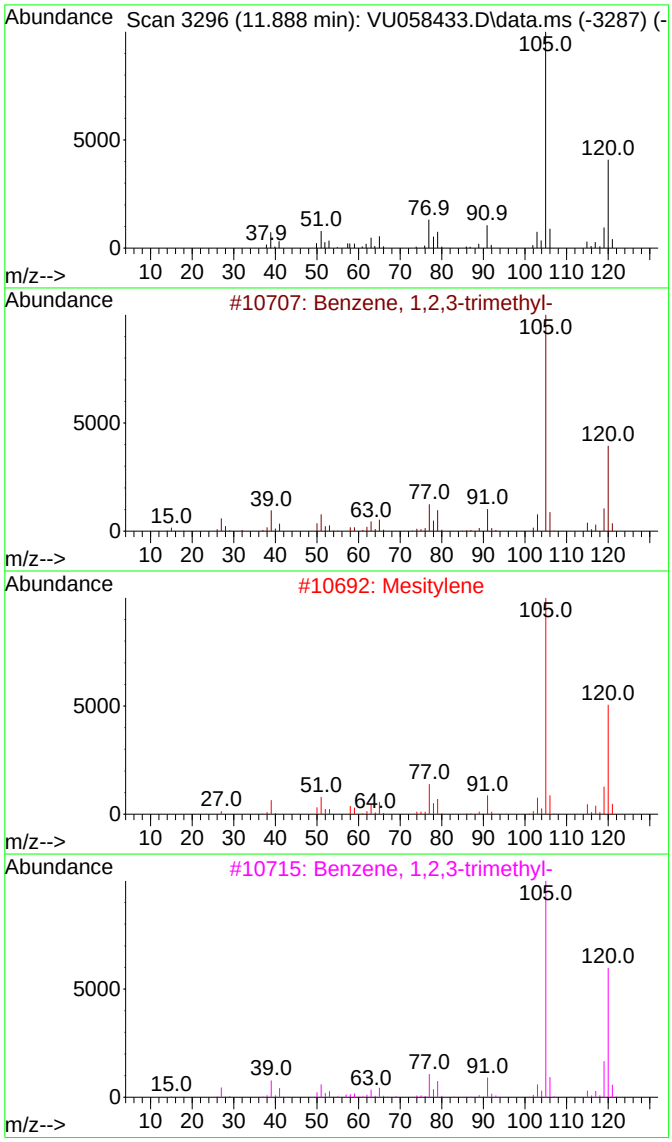
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0

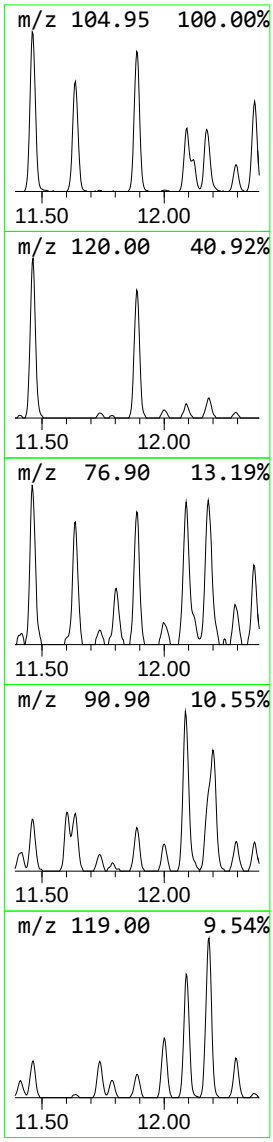
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.888	1.57 ug/L	98392	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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Data File : VU058433.D
Acq On : 05 Apr 2024 21:03
Operator : MD/SY
Sample : P1925-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(20240326)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0

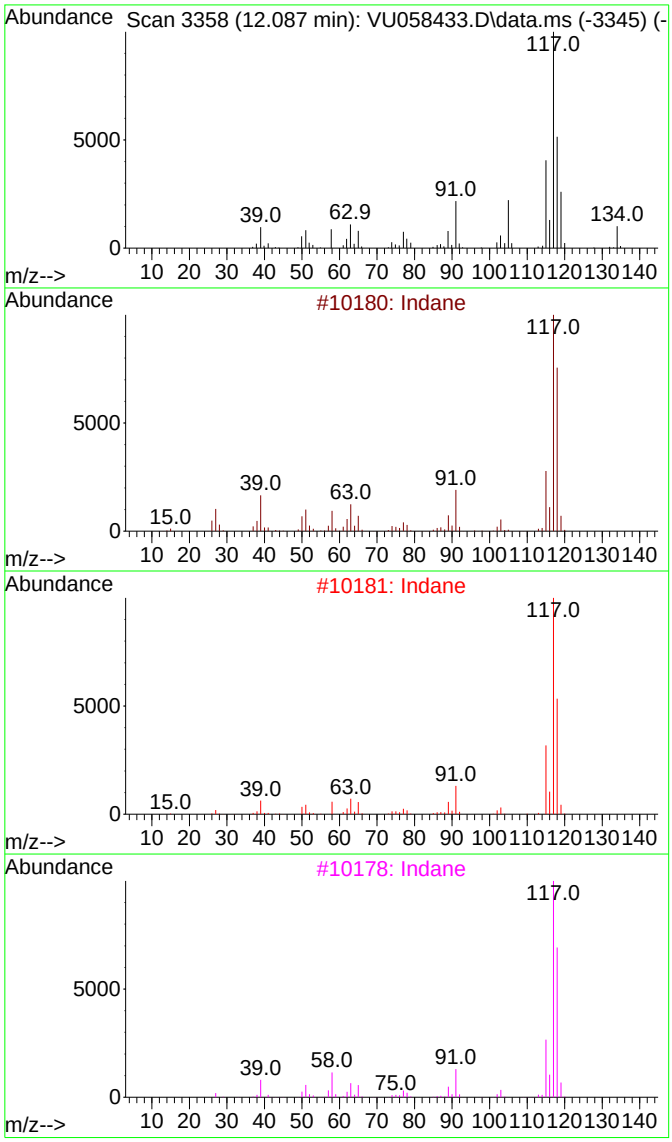
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

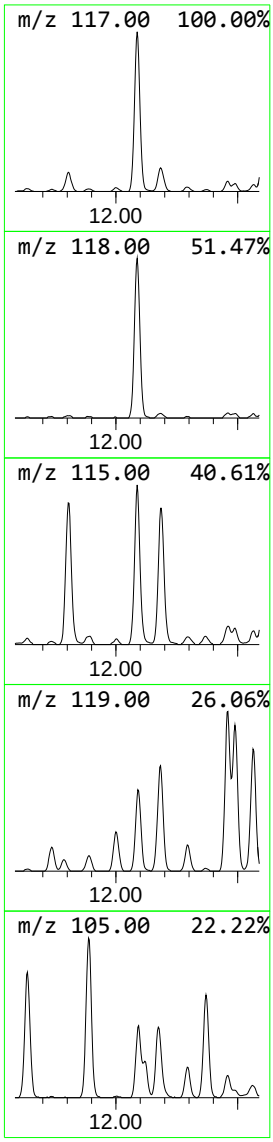
****

Peak Number 7 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.087	4.43 ug/L	277438	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Indane	118	C9H10	000496-11-7	60
3	Indane	118	C9H10	000496-11-7	60
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	60
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	60





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Data File : VU058433.D
Acq On : 05 Apr 2024 21:03
Operator : MD/SY
Sample : P1925-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(20240326)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0

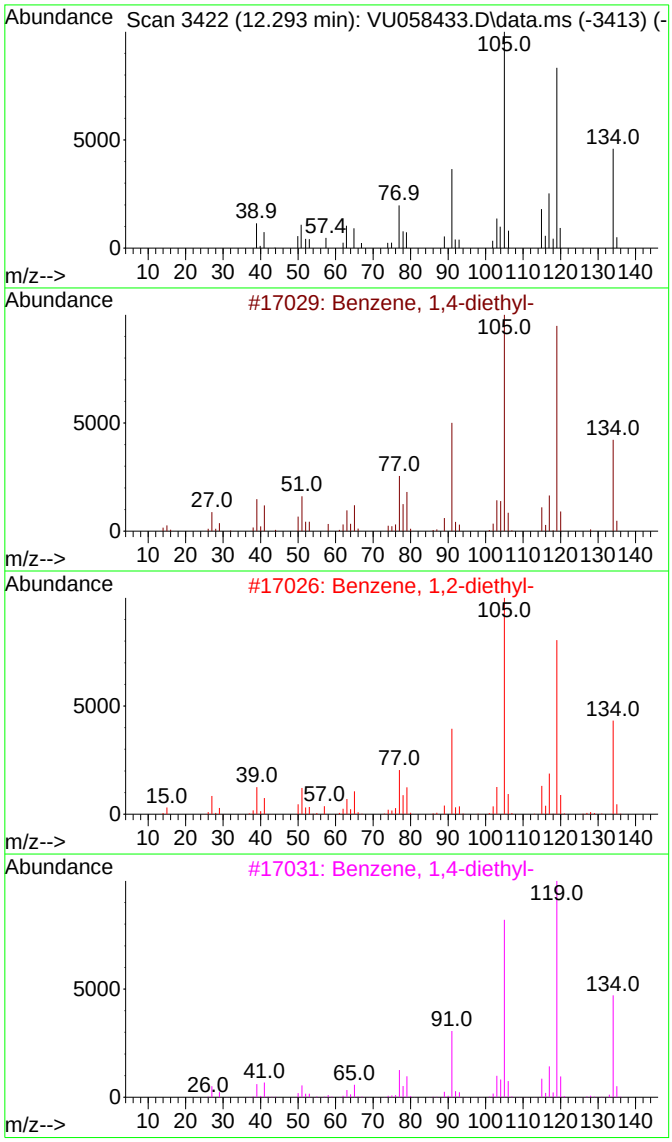
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

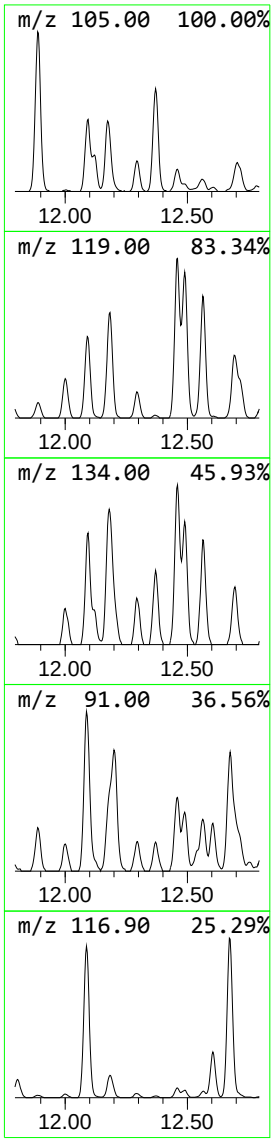
****

Peak Number 8 Benzene, 1,4-diethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.293	0.52 ug/L	32387	1,4-Dichlorobenzene-d4	11.807

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





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Data File : VU058433.D
Acq On : 05 Apr 2024 21:03
Operator : MD/SY
Sample : P1925-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(20240326)

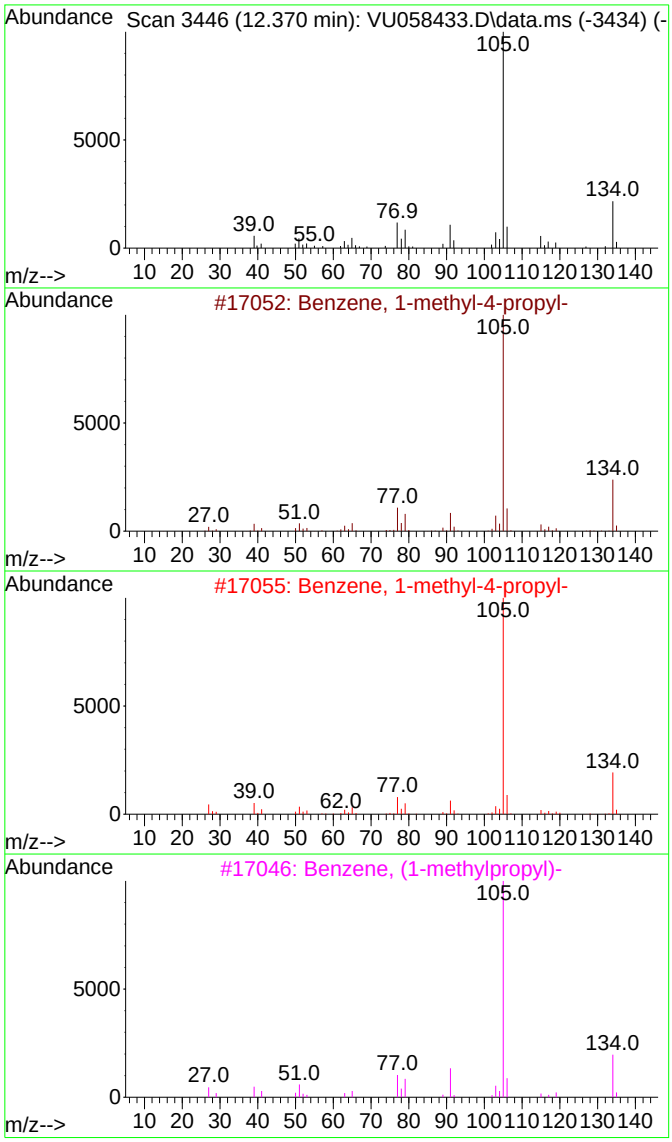
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0

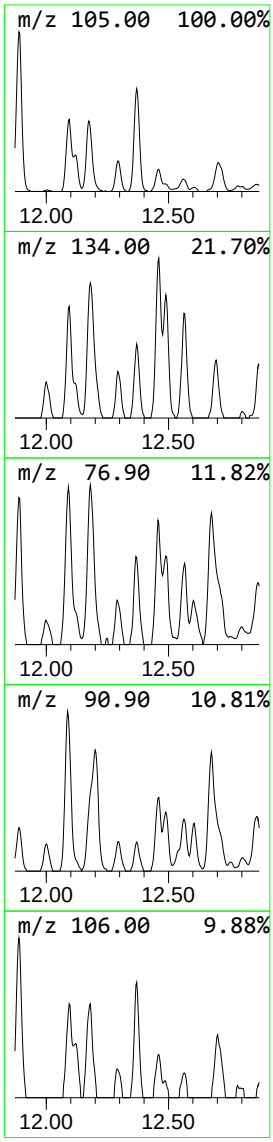
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-methyl-4-propyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.370	0.84 ug/L	52354	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	95
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91





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Data File : VU058433.D
Acq On : 05 Apr 2024 21:03
Operator : MD/SY
Sample : P1925-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(20240326)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0

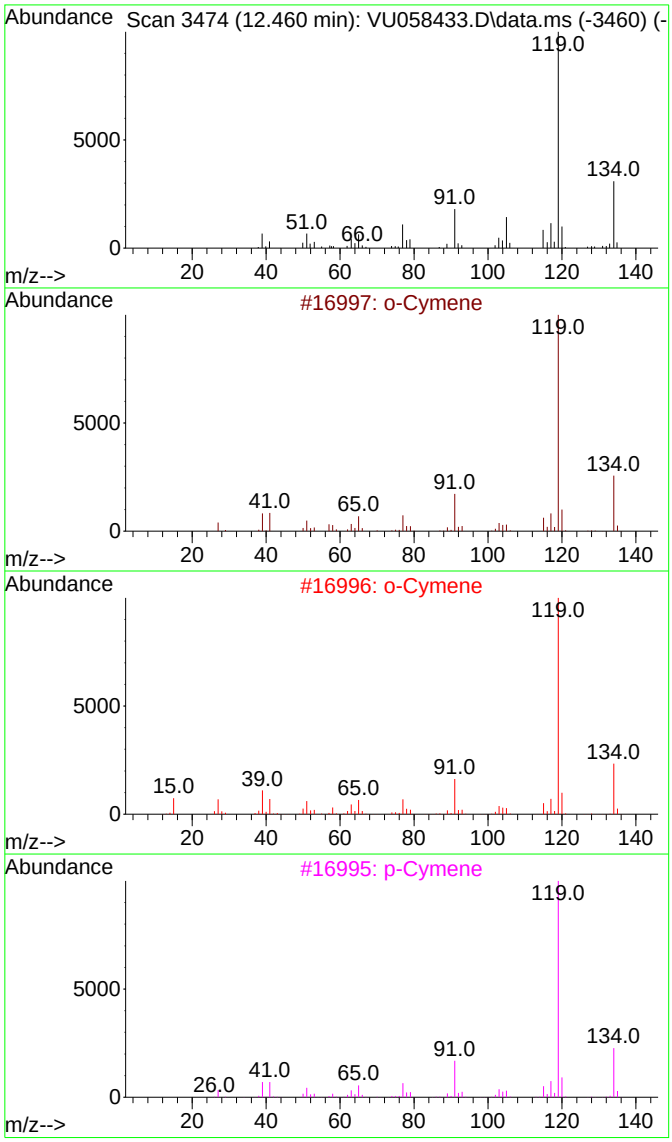
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

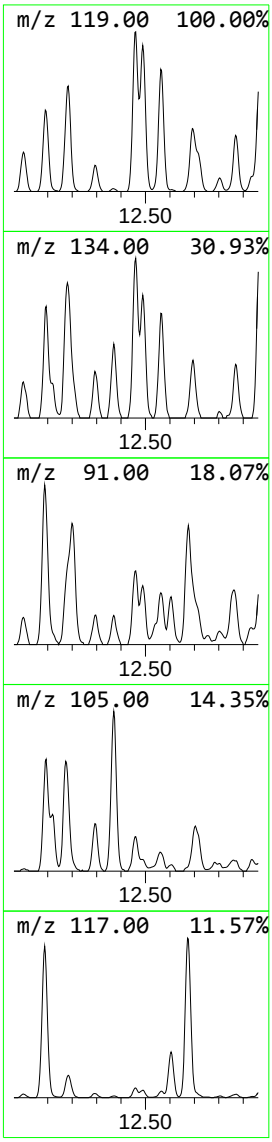
****

Peak Number 10 o-Cymene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.460	1.64 ug/L	102774	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	p-Cymene	134	C10H14	000099-87-6	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94





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Acq On : 05 Apr 2024 21:03
Operator : MD/SY
Sample : P1925-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(20240326)

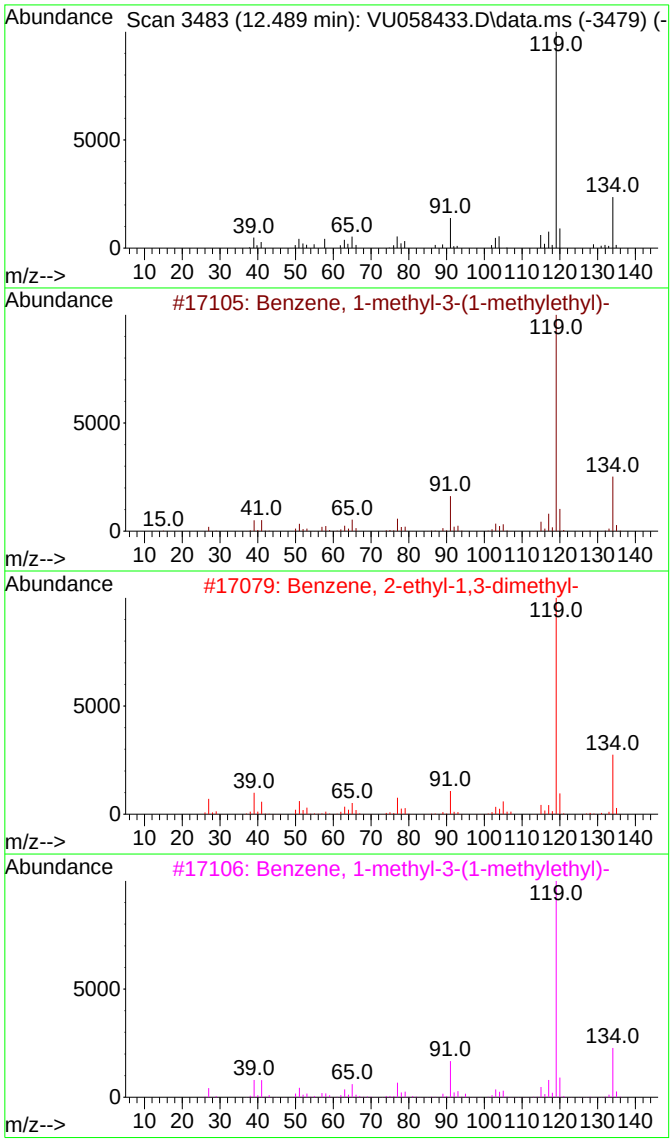
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0

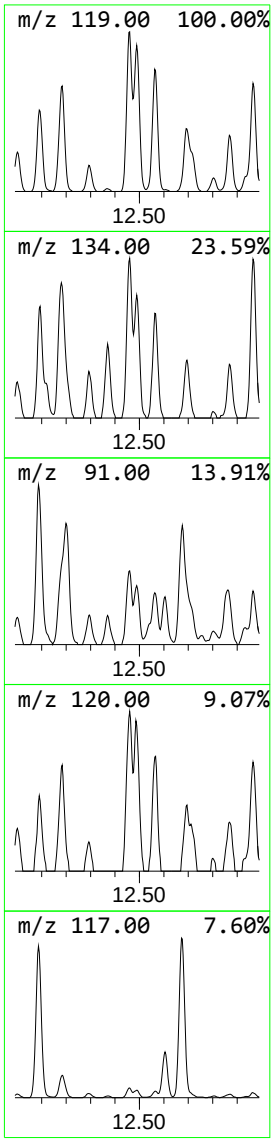
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1-methyl-3-(1-meth... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.489	1.13 ug/L	70844	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
4	p-Cymene	134	C10H14	000099-87-6	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





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Data File : VU058433.D
Acq On : 05 Apr 2024 21:03
Operator : MD/SY
Sample : P1925-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(20240326)

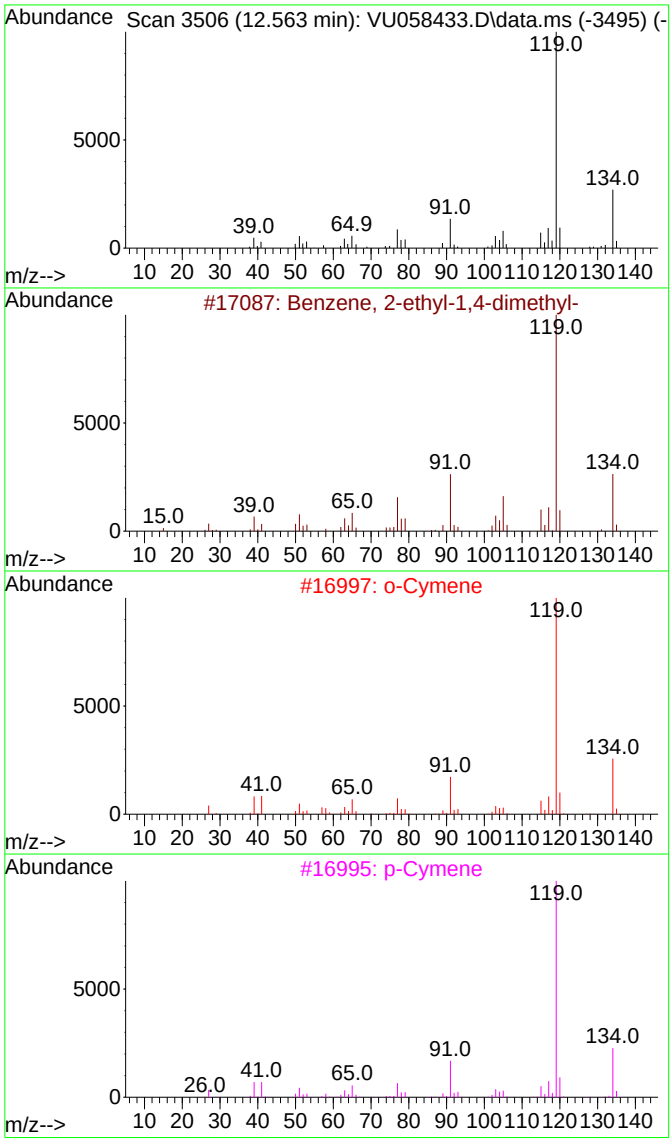
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0

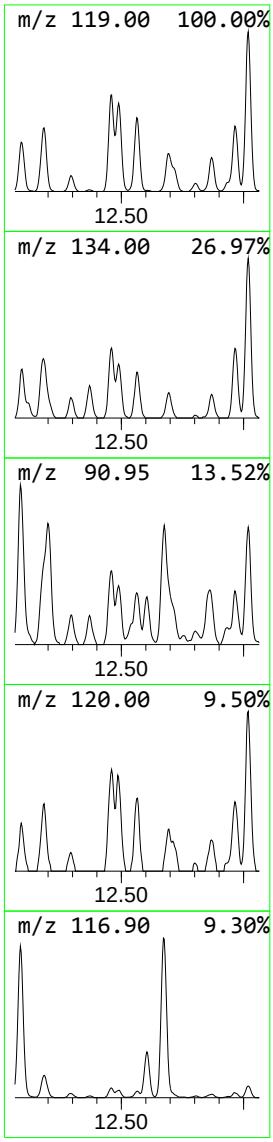
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.563	1.15 ug/L	72120	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	p-Cymene	134	C10H14	000099-87-6	94
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94





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Data File : VU058433.D
Acq On : 05 Apr 2024 21:03
Operator : MD/SY
Sample : P1925-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(20240326)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0

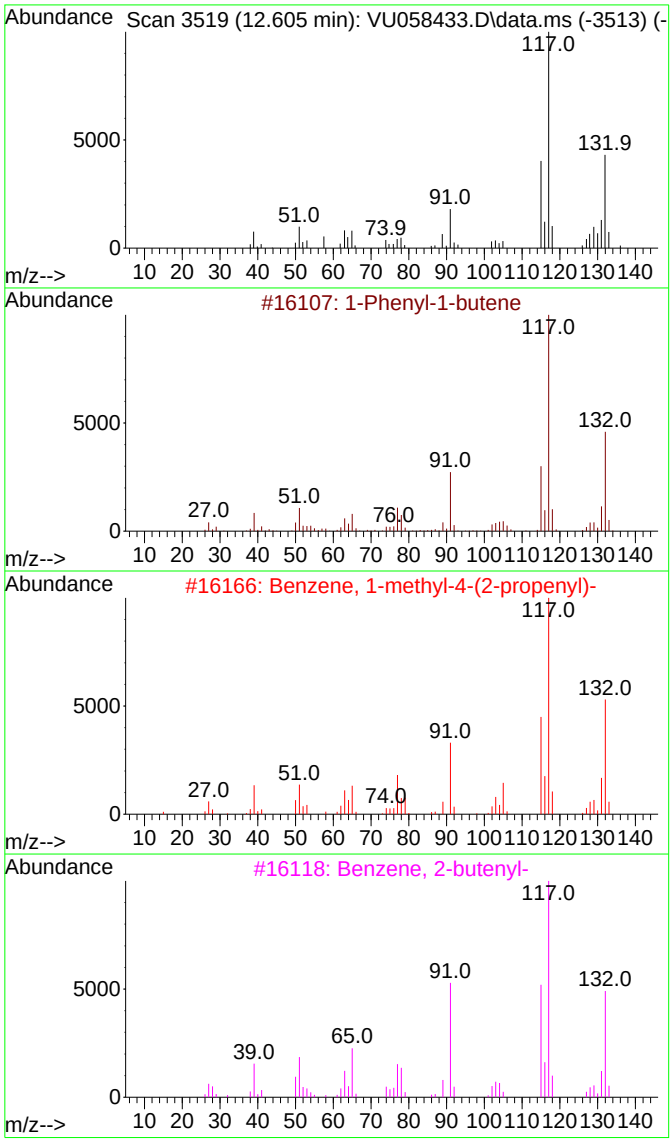
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

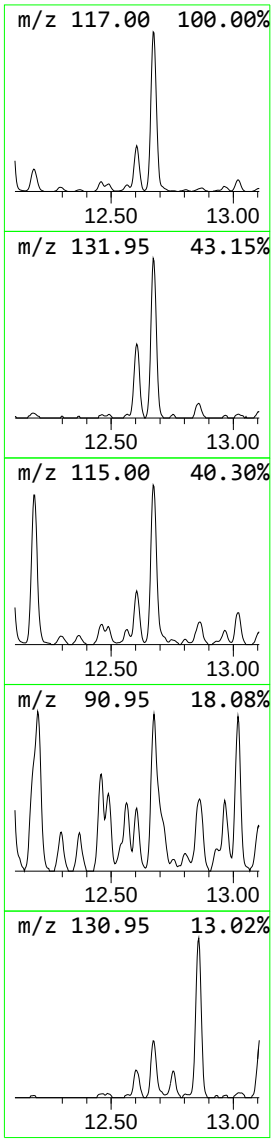
****

Peak Number 13 1-Phenyl-1-butene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.605	1.15 ug/L	72058	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	94
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	94
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	91
4	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	90
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	90





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Data File : VU058433.D
Acq On : 05 Apr 2024 21:03
Operator : MD/SY
Sample : P1925-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(20240326)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0

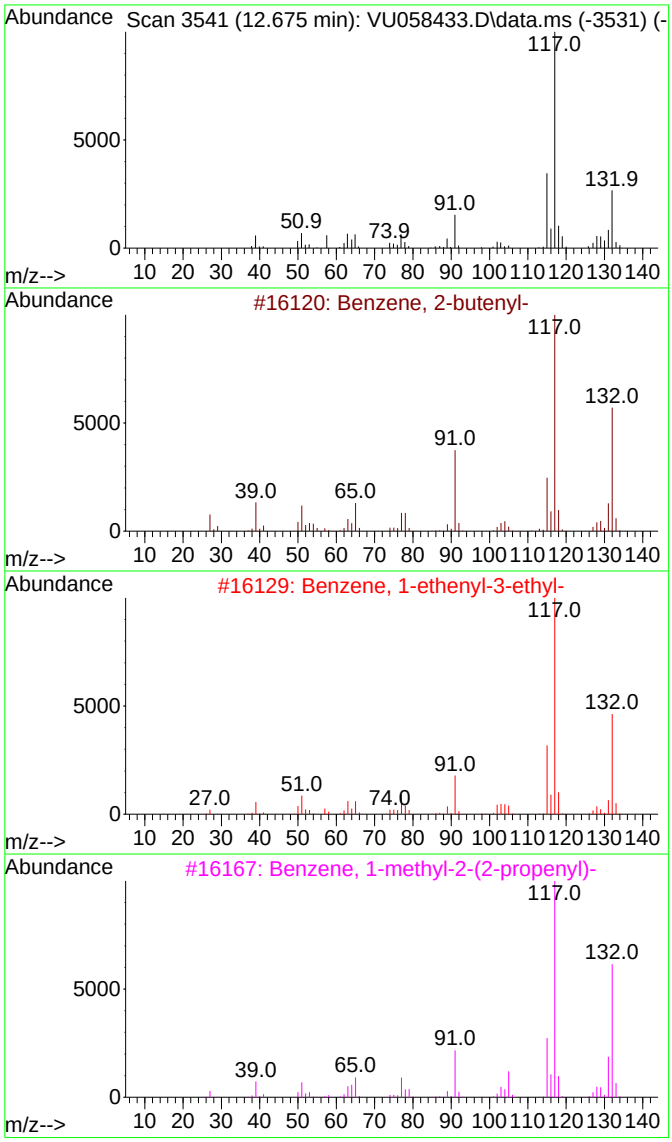
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

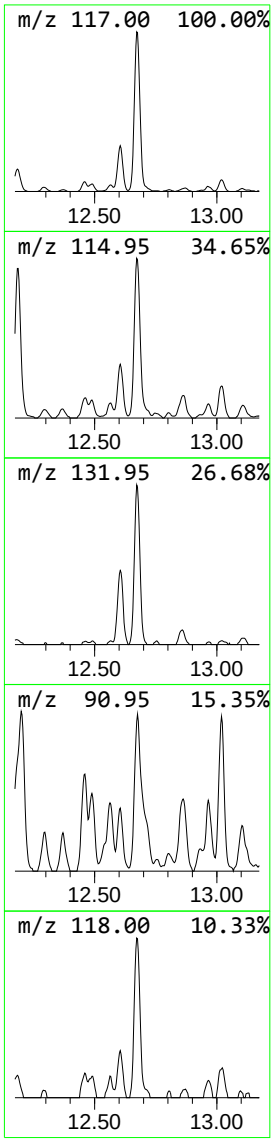
****

Peak Number 14 Benzene, 2-butenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.675	4.34 ug/L	271591	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	86
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	86
4	Indan, 1-methyl-	132	C10H12	000767-58-8	81
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	80





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Data File : VU058433.D
Acq On : 05 Apr 2024 21:03
Operator : MD/SY
Sample : P1925-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(20240326)

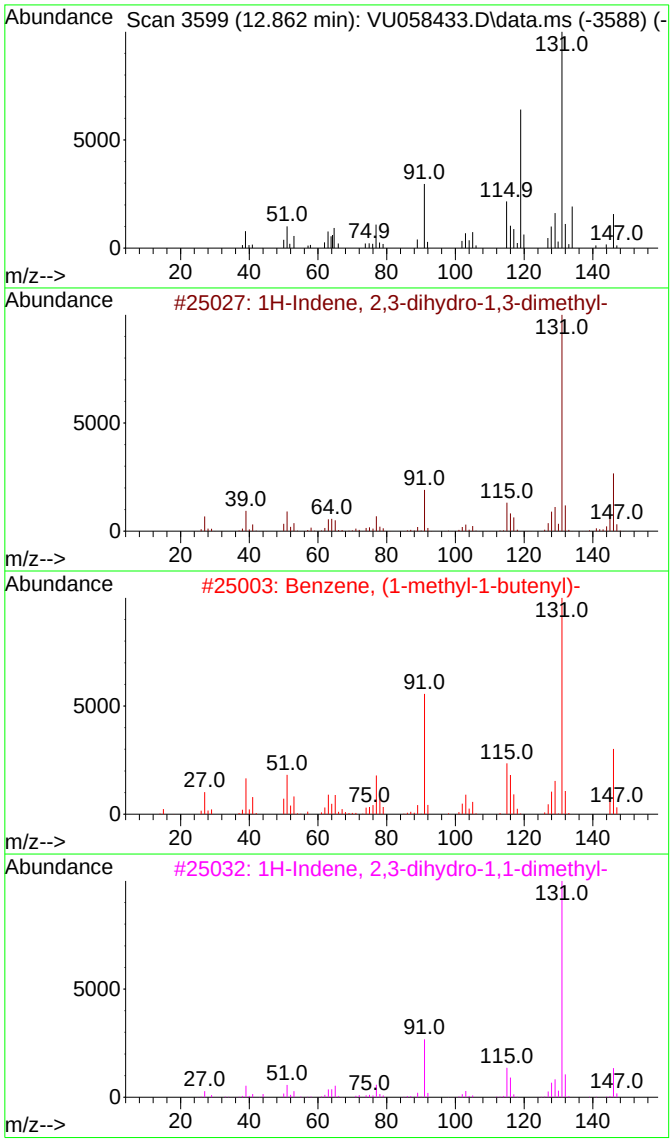
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0

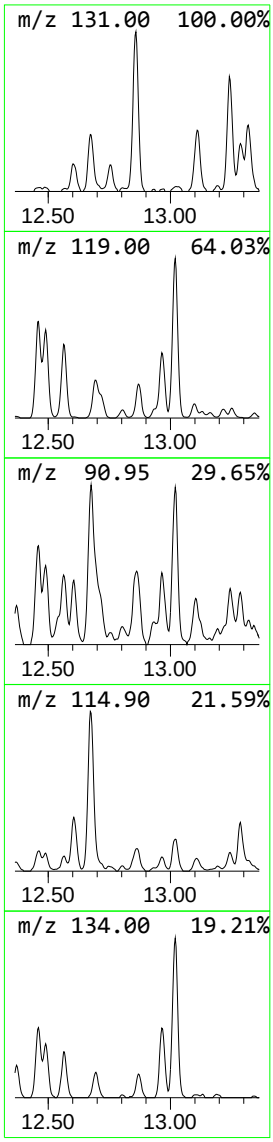
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.862	1.34 ug/L	83797	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	92
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	83
3	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	70
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	70
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70





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Data File : VU058433.D
Acq On : 05 Apr 2024 21:03
Operator : MD/SY
Sample : P1925-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(20240326)

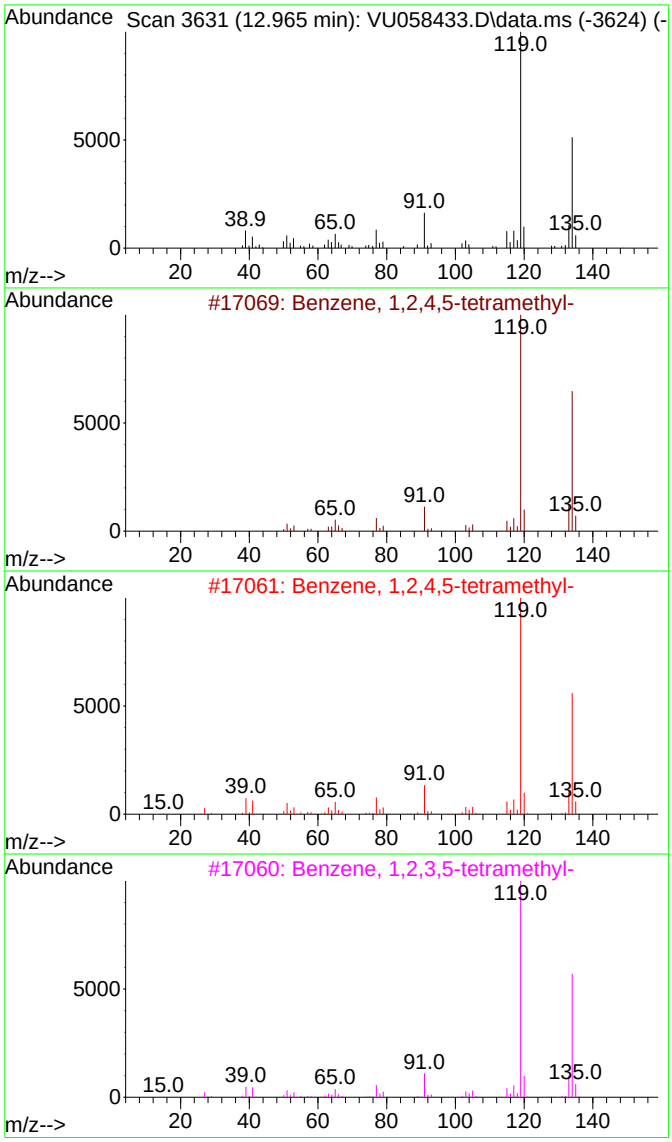
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0

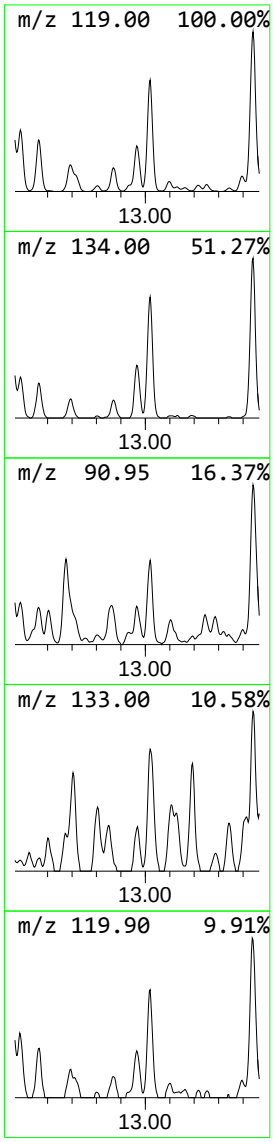
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.965	1.11 ug/L	69168	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
Data File : VU058433.D
Acq On : 05 Apr 2024 21:03
Operator : MD/SY
Sample : P1925-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(20240326)

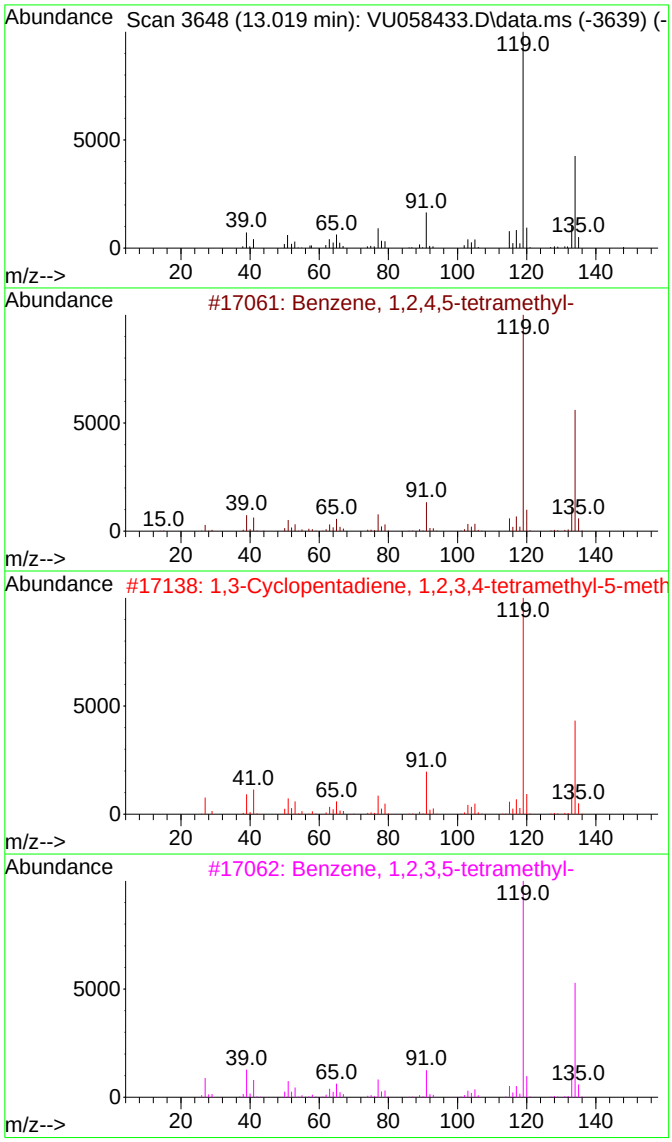
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0

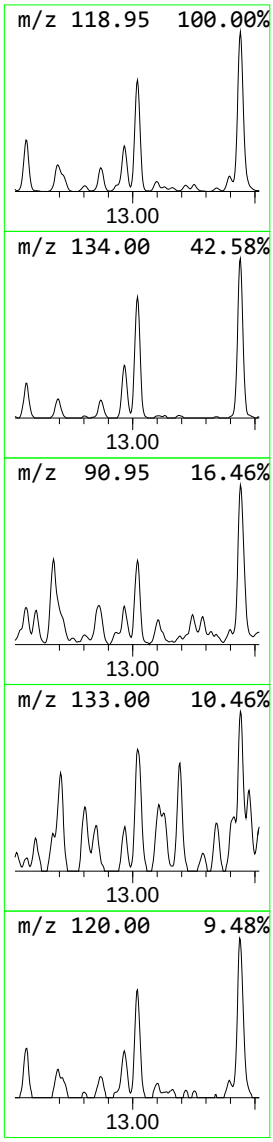
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.019	2.67 ug/L	167189	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
Data File : VU058433.D
Acq On : 05 Apr 2024 21:03
Operator : MD/SY
Sample : P1925-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(20240326)

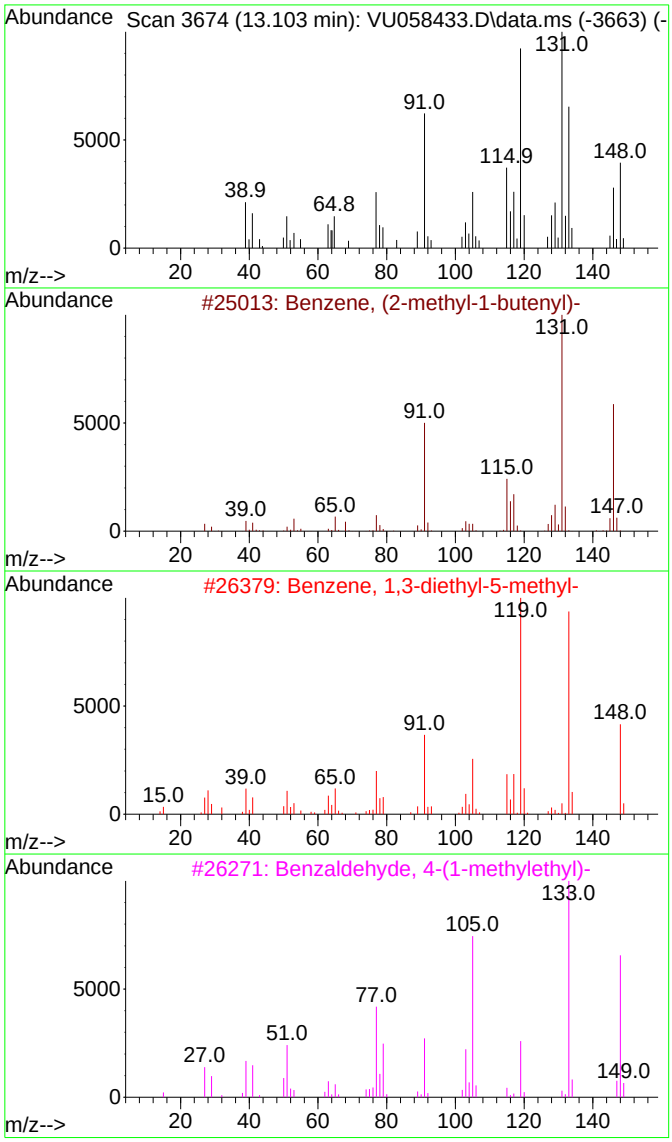
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0

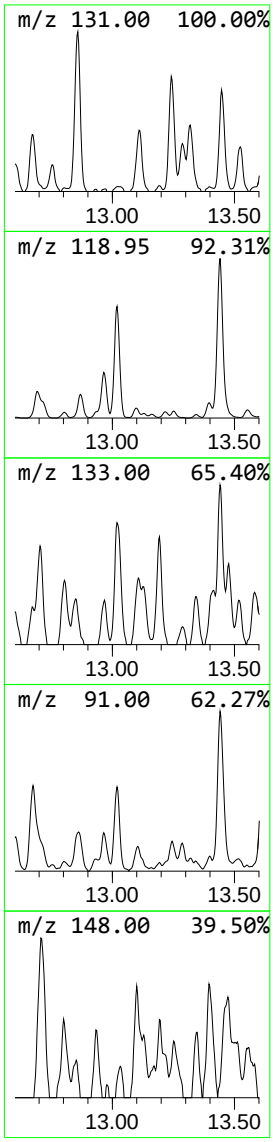
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, (2-methyl-1-butenyl)- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.103	0.84 ug/L	52513	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	84
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	55
3	Benzaldehyde, 4-(1-methylethyl)-	148	C10H12O	000122-03-2	47
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	46
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	46





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Data File : VU058433.D
Acq On : 05 Apr 2024 21:03
Operator : MD/SY
Sample : P1925-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(20240326)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0

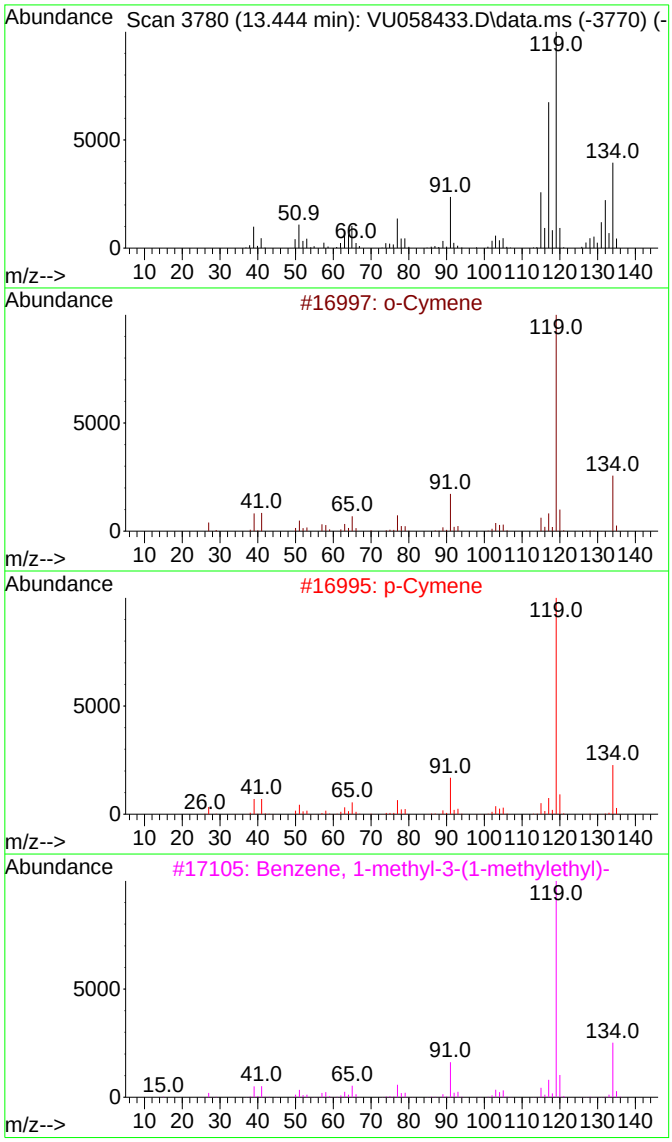
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

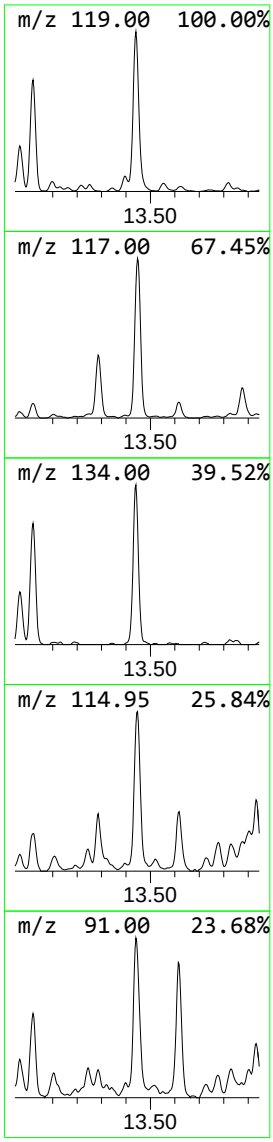
****

Peak Number 20 p-Cymene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.444	6.13 ug/L	383202	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	60
2	p-Cymene	134	C10H14	000099-87-6	60
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
4	o-Cymene	134	C10H14	000527-84-4	60
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	60





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Data File : VU058433.D
Acq On : 05 Apr 2024 21:03
Operator : MD/SY
Sample : P1925-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(20240326)

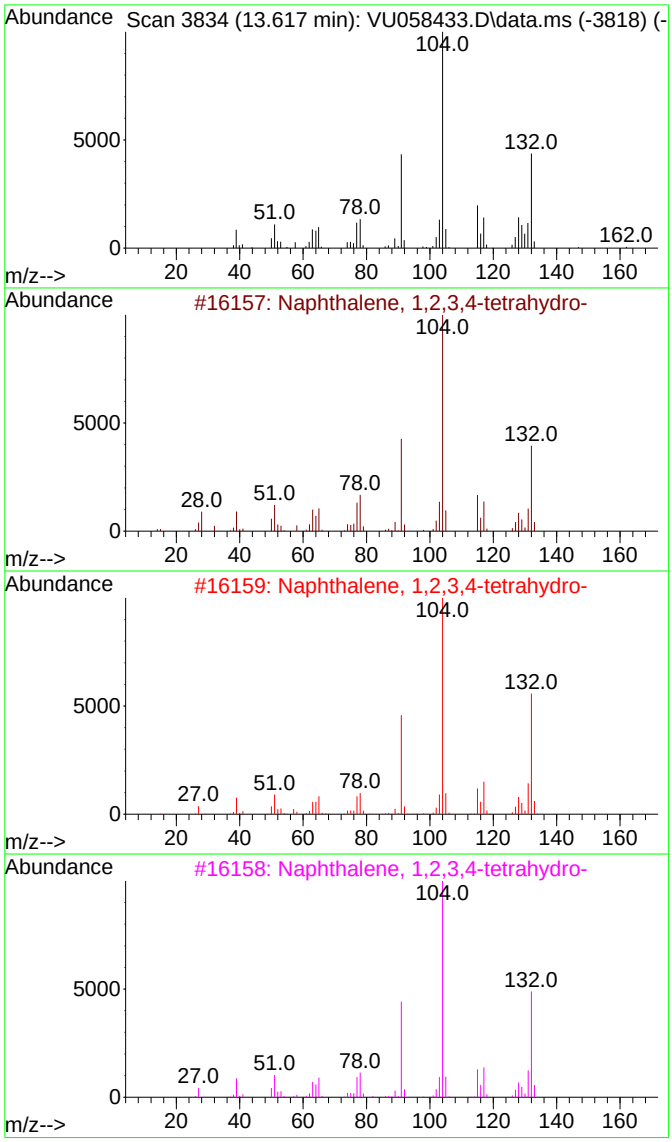
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0

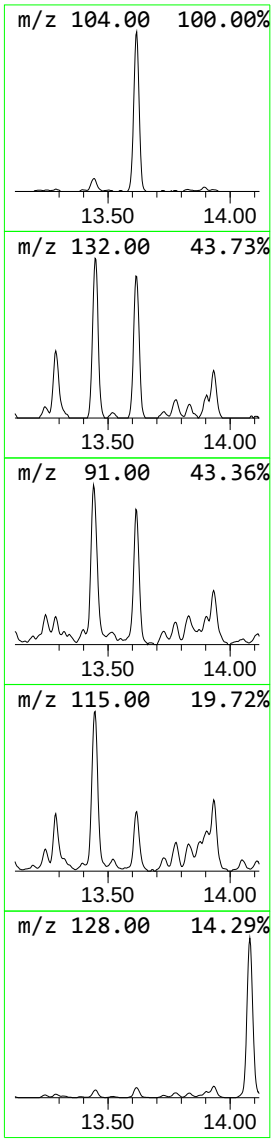
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.618	2.73 ug/L	170907	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	91
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	81
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	60





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Data File : VU058433.D
Acq On : 05 Apr 2024 21:03
Operator : MD/SY
Sample : P1925-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(20240326)

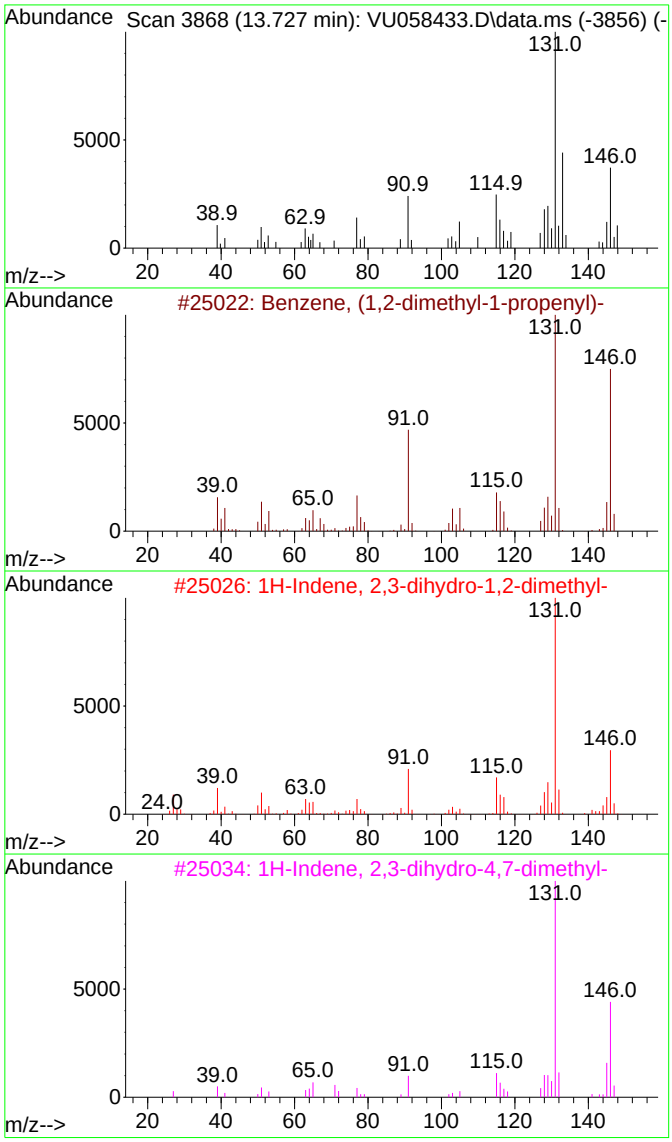
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0

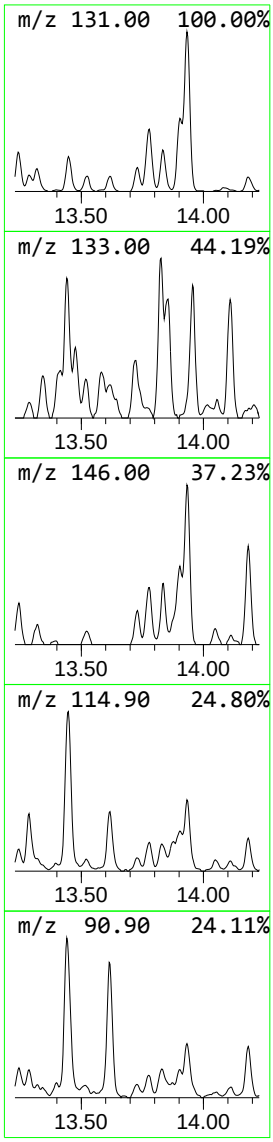
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.727	0.55 ug/L	34669	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	89
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	89
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





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Data File : VU058433.D
Acq On : 05 Apr 2024 21:03
Operator : MD/SY
Sample : P1925-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(20240326)

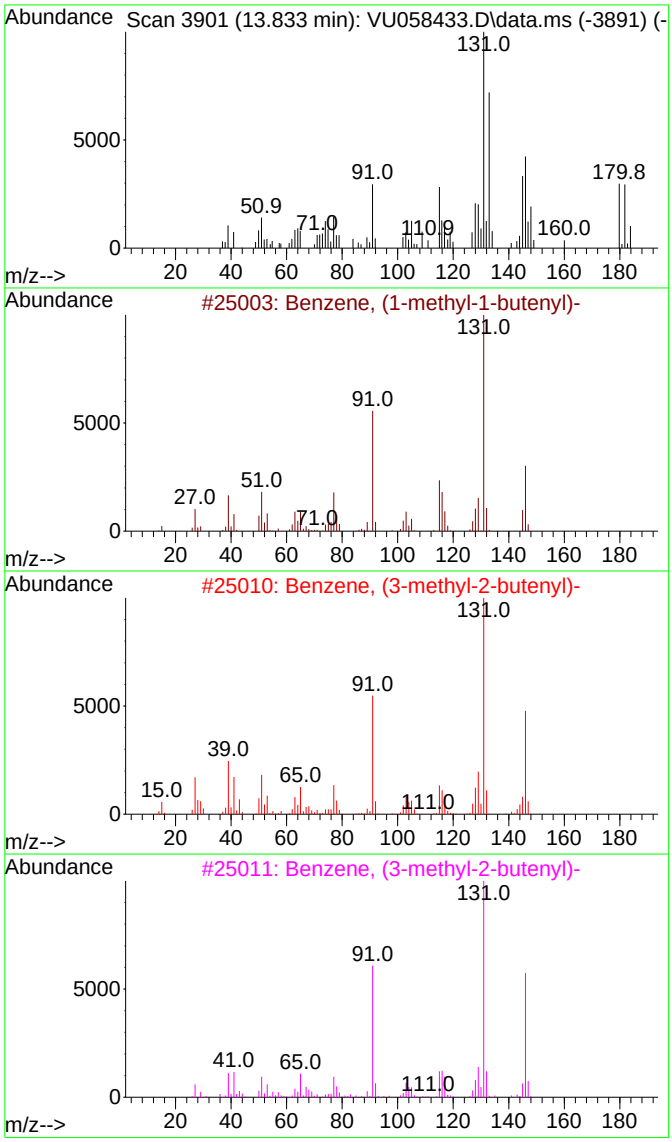
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0

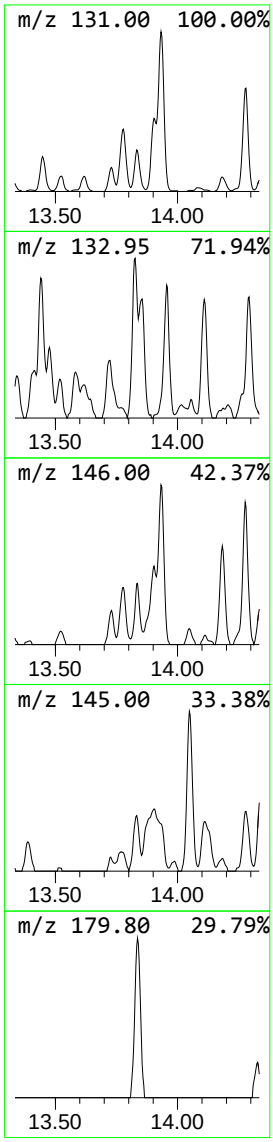
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Benzene, (1-methyl-1-butenyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.833	1.46 ug/L	91096	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	55
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	50
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	50
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	50
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	46





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Data File : VU058433.D
Acq On : 05 Apr 2024 21:03
Operator : MD/SY
Sample : P1925-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(20240326)

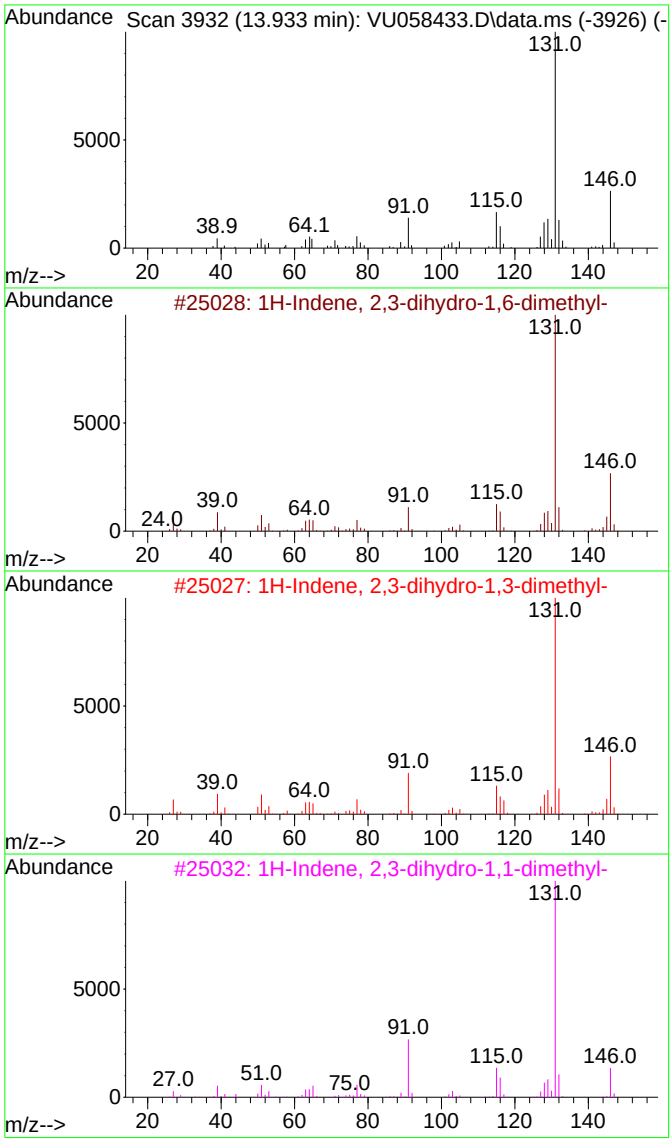
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0

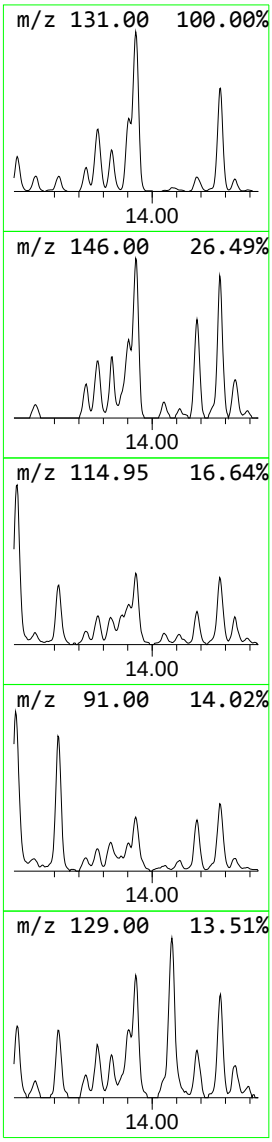
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.933	2.56 ug/L	159914	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	95
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
3	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	91
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91





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Data File : VU058433.D
Acq On : 05 Apr 2024 21:03
Operator : MD/SY
Sample : P1925-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(20240326)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0

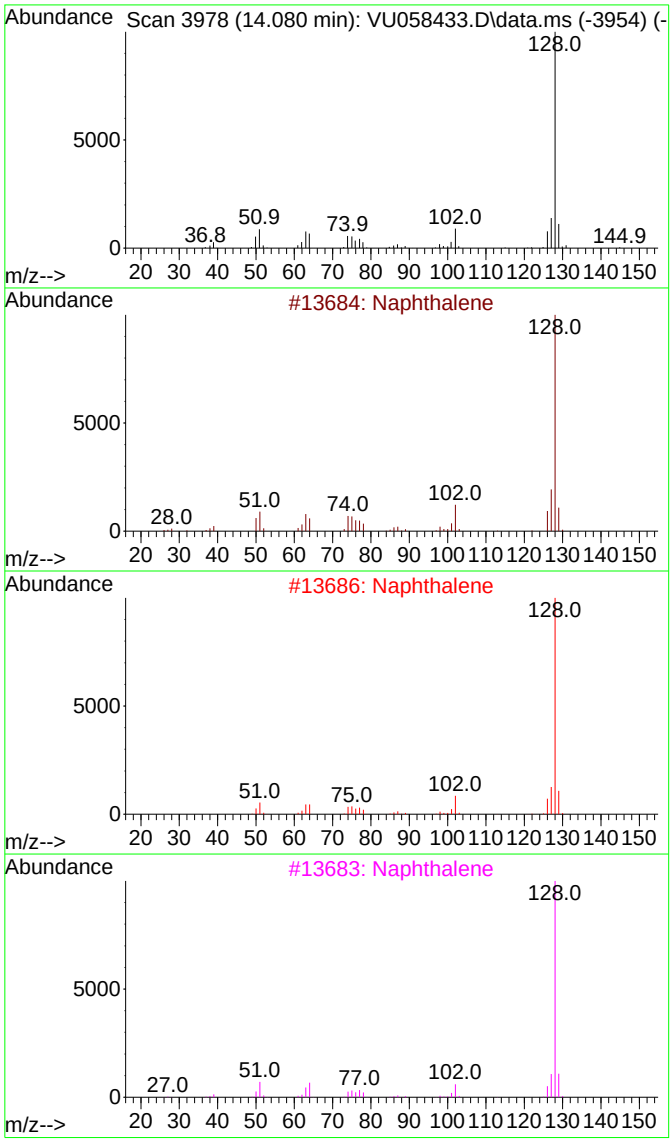
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

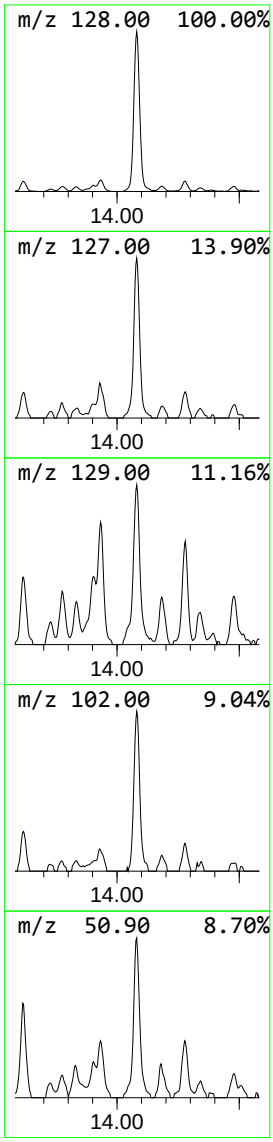
****

Peak Number 26 Azulene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.081	3.77 ug/L	236087	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	97
2	Naphthalene	128	C10H8	000091-20-3	95
3	Naphthalene	128	C10H8	000091-20-3	94
4	Azulene	128	C10H8	000275-51-4	94
5	Azulene	128	C10H8	000275-51-4	91





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Data File : VU058433.D
Acq On : 05 Apr 2024 21:03
Operator : MD/SY
Sample : P1925-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(20240326)

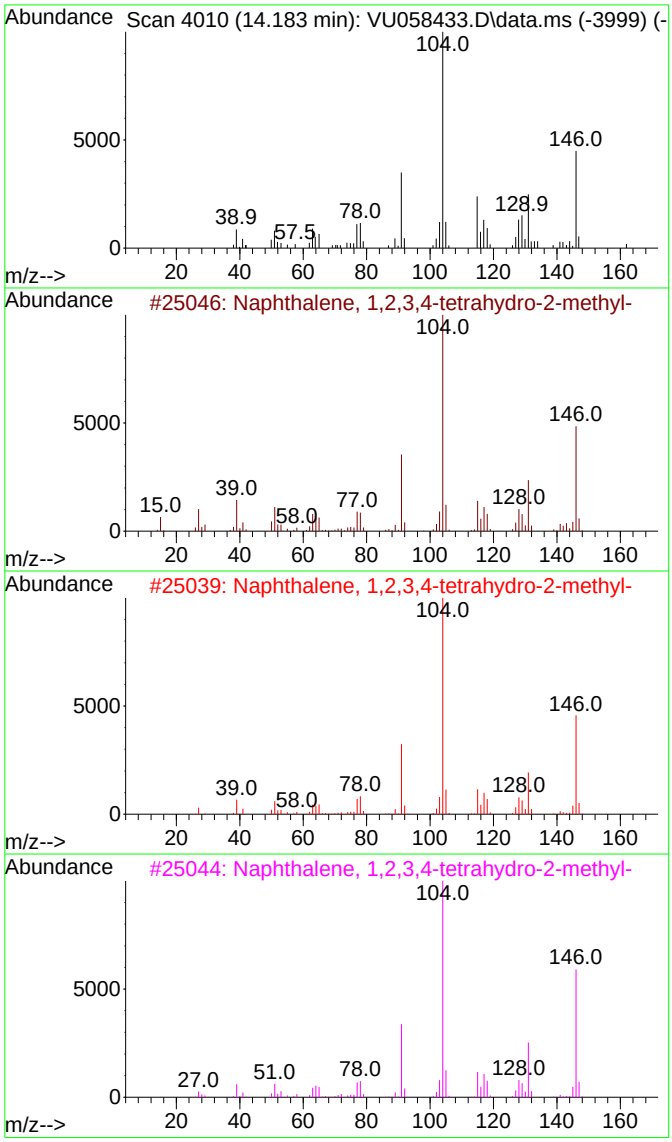
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0

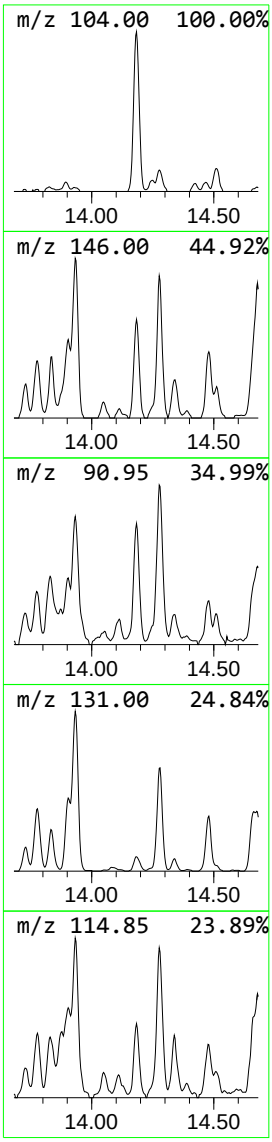
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.183	1.30 ug/L	81058	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	91
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	87
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	81
5	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
Data File : VU058433.D
Acq On : 05 Apr 2024 21:03
Operator : MD/SY
Sample : P1925-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(20240326)

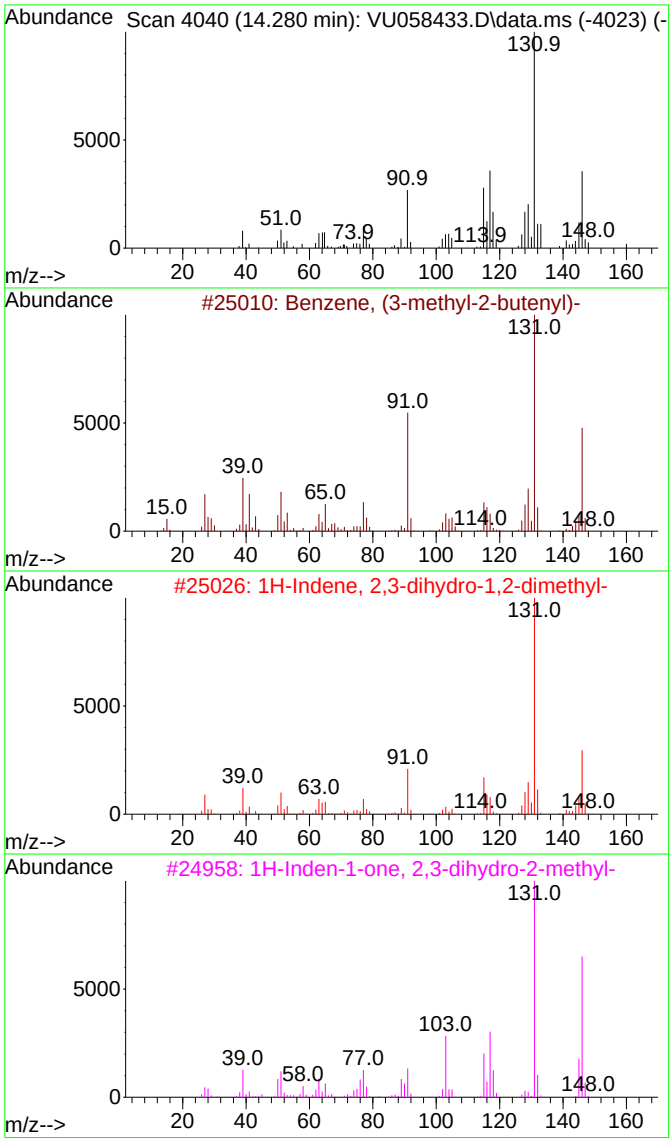
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0

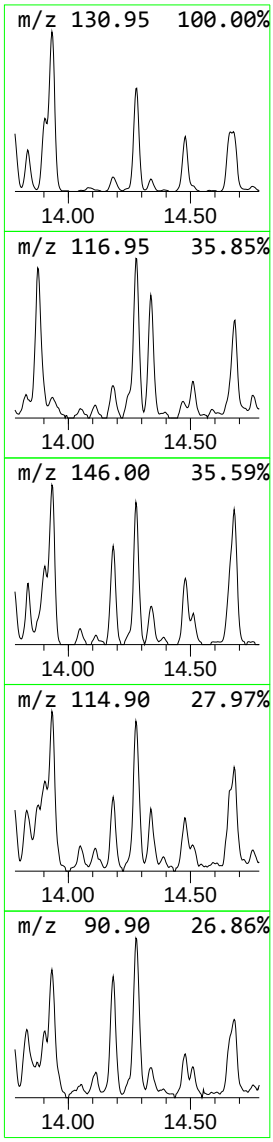
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Benzene, (3-methyl-2-butenyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.280	2.48 ug/L	154980	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	95
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	93
3	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	90
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	76
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
Data File : VU058433.D
Acq On : 05 Apr 2024 21:03
Operator : MD/SY
Sample : P1925-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(20240326)

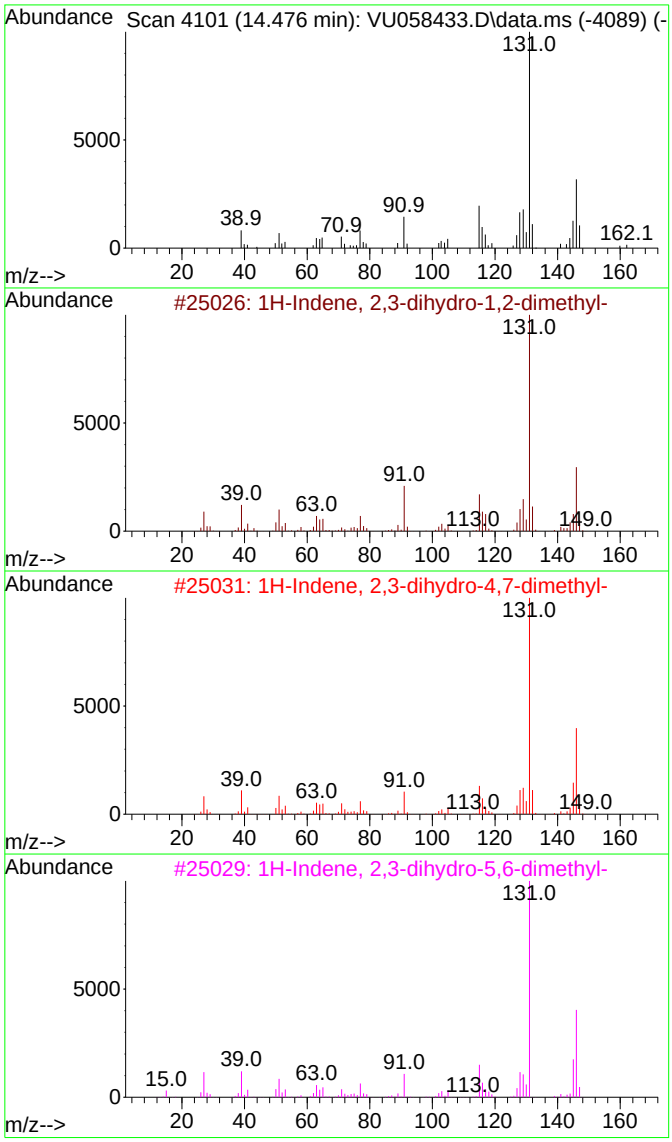
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0

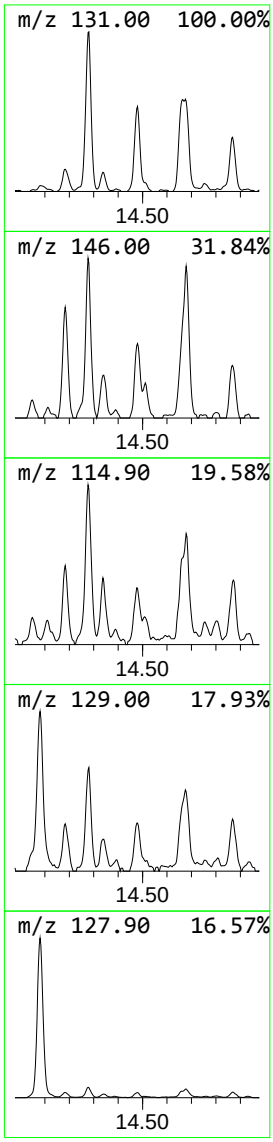
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.476	0.94 ug/L	58518	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	96
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
3	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	90
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
Data File : VU058433.D
Acq On : 05 Apr 2024 21:03
Operator : MD/SY
Sample : P1925-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(20240326)

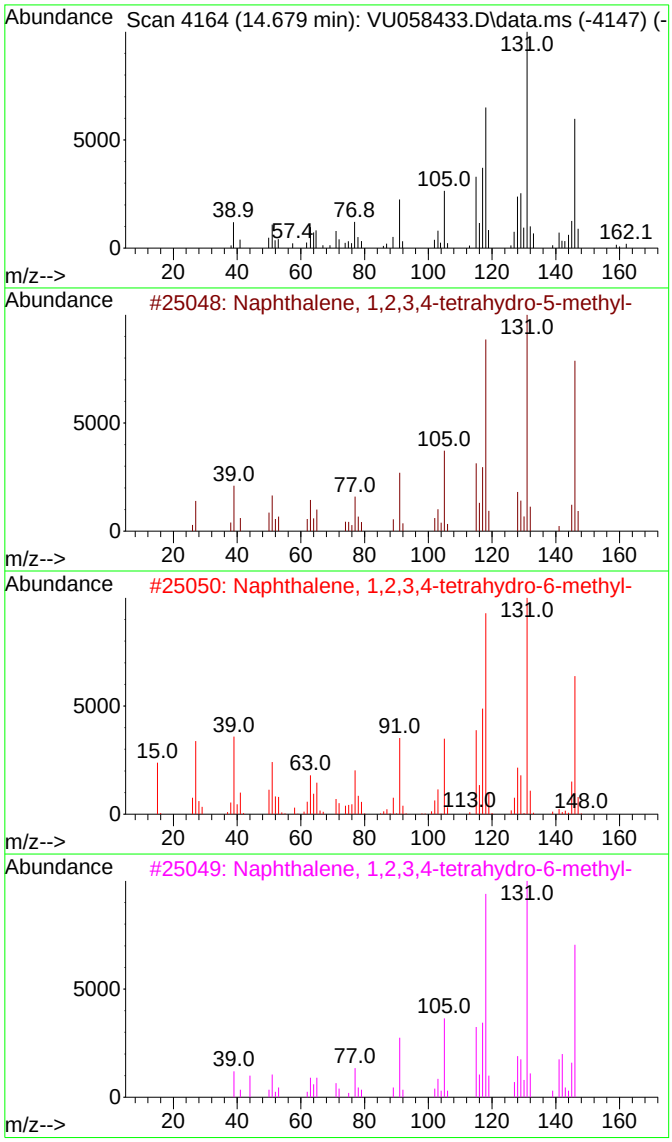
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0

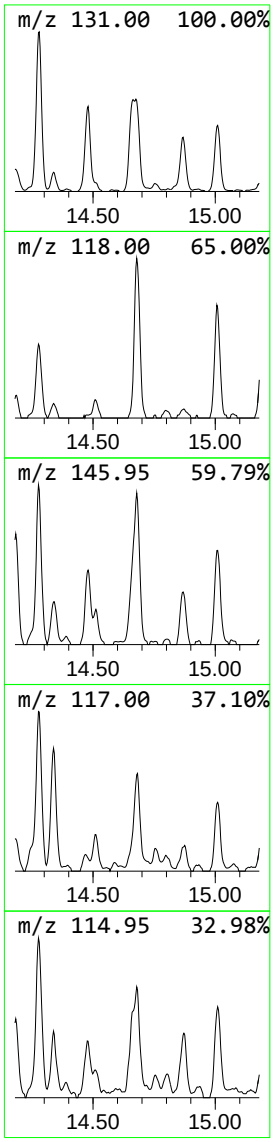
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.679	2.49 ug/L	155633	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
Data File : VU058433.D
Acq On : 05 Apr 2024 21:03
Operator : MD/SY
Sample : P1925-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(20240326)

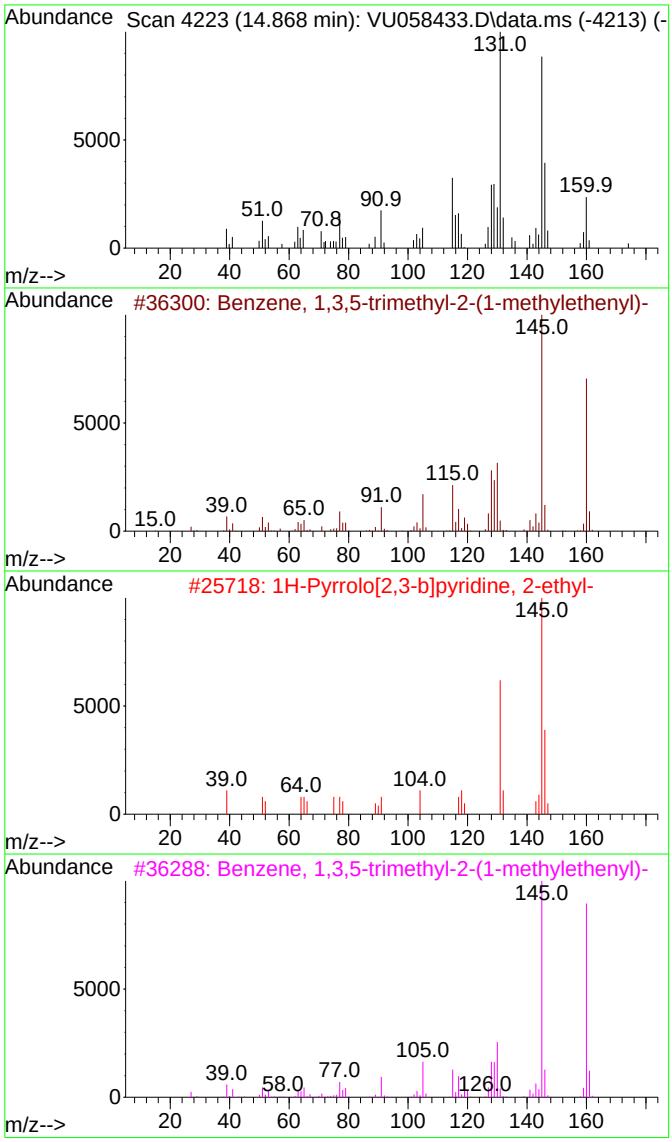
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0

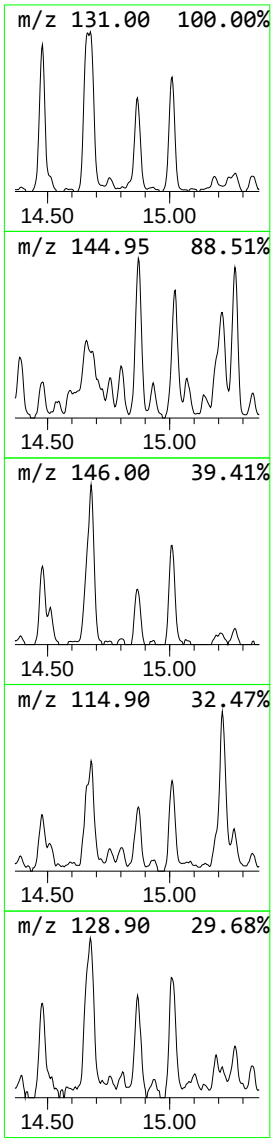
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.868	1.01 ug/L	63088	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	70
2	1H-Pyrrolo[2,3-b]pyridine, 2-ethyl-	146	C9H10N2	023612-49-9	58
3	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	55
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	50
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
Data File : VU058433.D
Acq On : 05 Apr 2024 21:03
Operator : MD/SY
Sample : P1925-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(20240326)

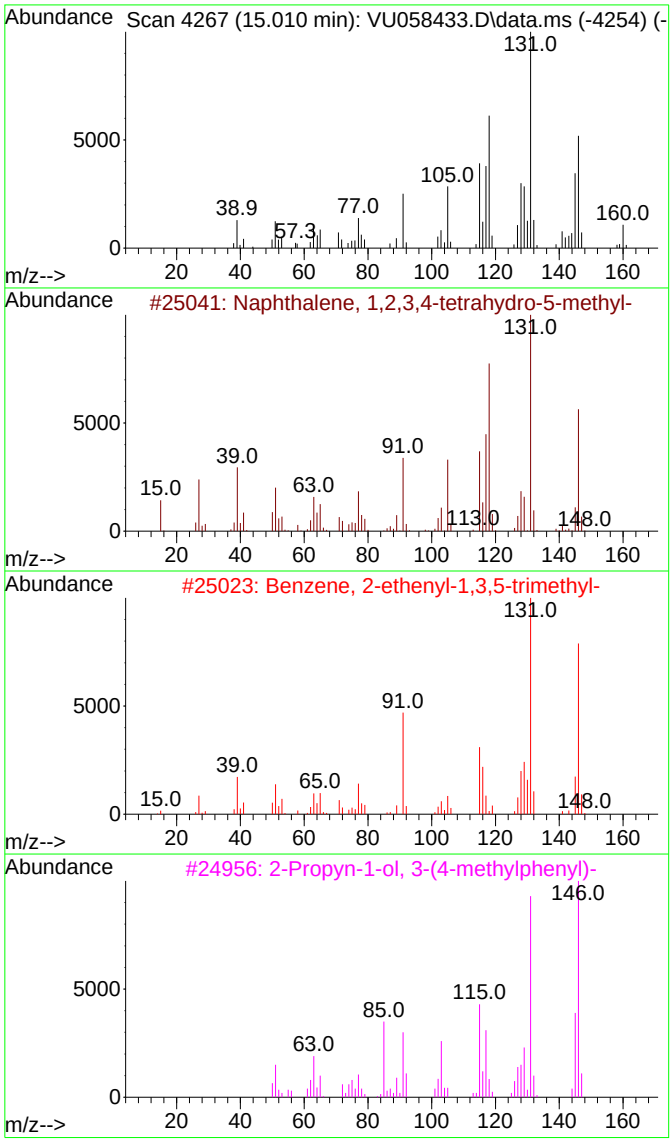
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0

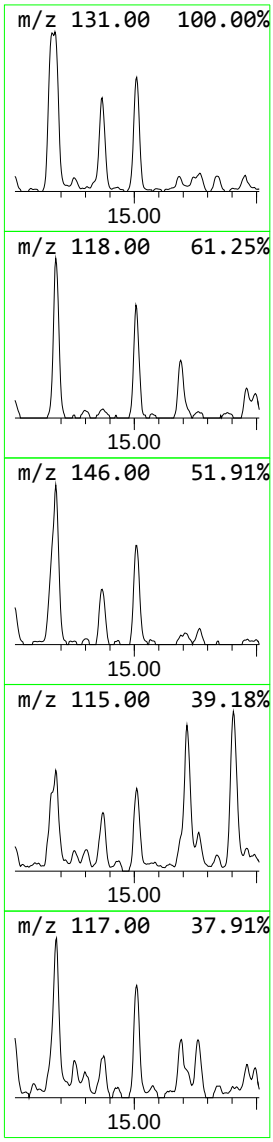
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.010	1.54 ug/L	96142	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	87
2	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	76
3	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	74
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	62
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
Data File : VU058433.D
Acq On : 05 Apr 2024 21:03
Operator : MD/SY
Sample : P1925-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(20240326)

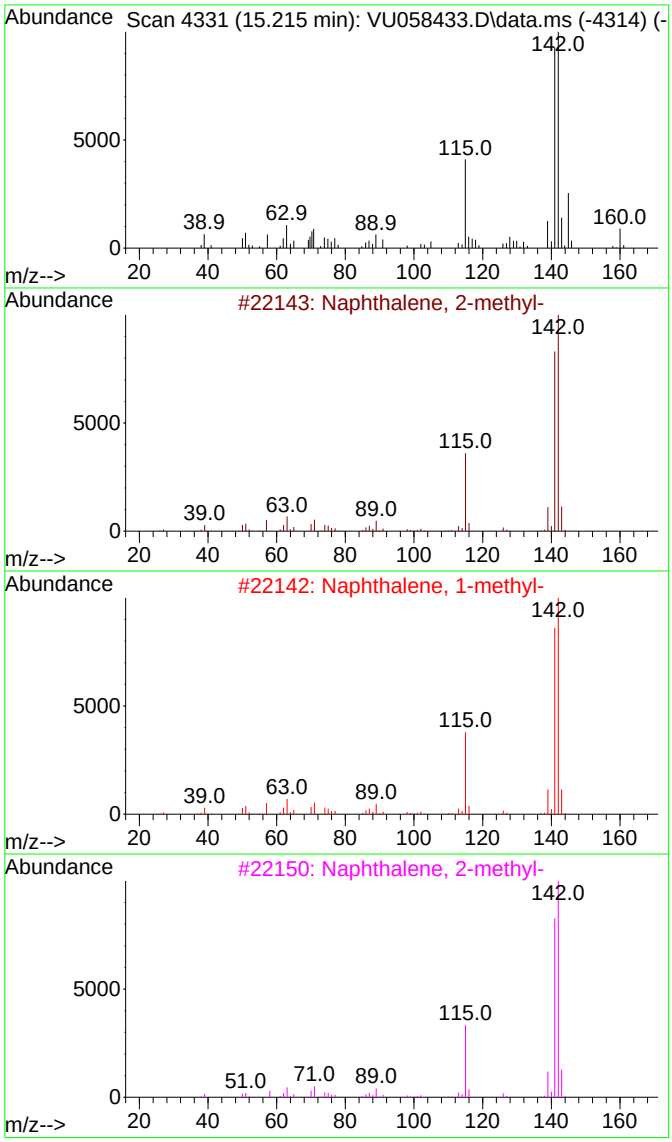
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0

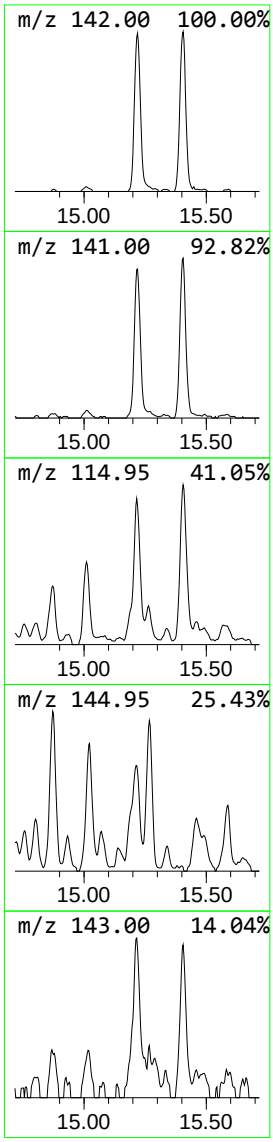
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Naphthalene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.216	2.03 ug/L	126940	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
Data File : VU058433.D
Acq On : 05 Apr 2024 21:03
Operator : MD/SY
Sample : P1925-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(20240326)

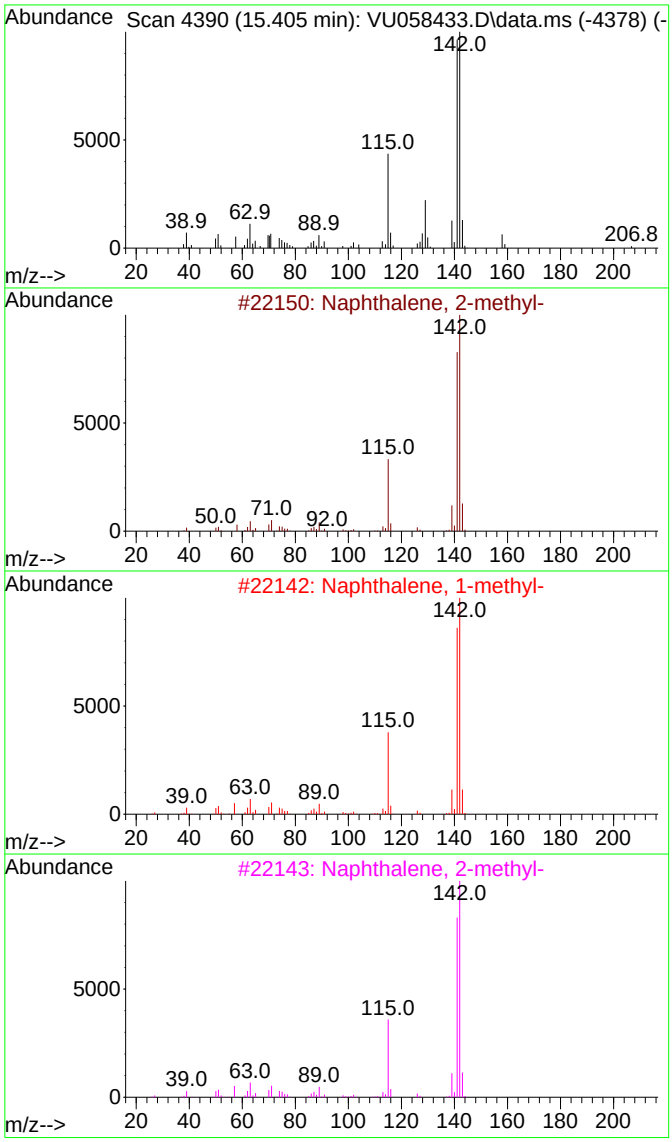
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0

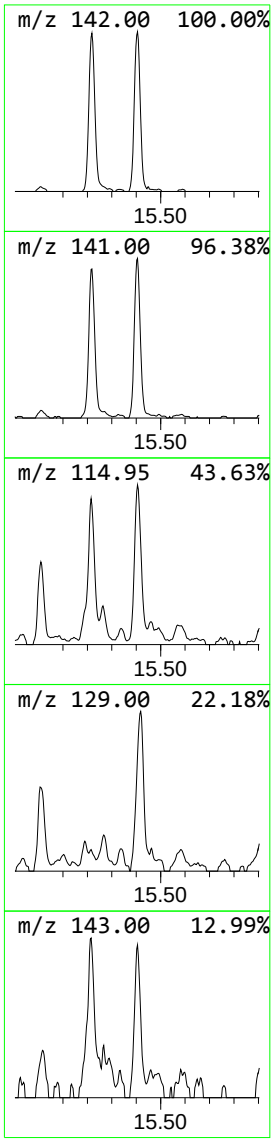
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Naphthalene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.405	1.67 ug/L	104319	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
4	Benzocycloheptatriene	142	C11H10	000264-09-5	93
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
Data File : VU058433.D
Acq On : 05 Apr 2024 21:03
Operator : MD/SY
Sample : P1925-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-3(20240326)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.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...	1.486	1.1	ug/L	42177	1	6.242	196577	5.0
Ethane, 1,2-dic...	2.364	5.6	ug/L	219992	1	6.242	196577	5.0
Benzene, 1-ethy...	11.286	1.3	ug/L	83917	3	11.807	312789	5.0
Benzene, (1-met...	11.637	1.1	ug/L	68029	3	11.807	312789	5.0
Benzene, 1,2,3-...	11.888	1.6	ug/L	98392	3	11.807	312789	5.0
Indane	12.087	4.4	ug/L	277438	3	11.807	312789	5.0
Benzene, 1,4-di...	12.293	0.5	ug/L	32387	3	11.807	312789	5.0
Benzene, 1-meth...	12.370	0.8	ug/L	52354	3	11.807	312789	5.0
o-Cymene	12.460	1.6	ug/L	102774	3	11.807	312789	5.0
Benzene, 1-meth...	12.489	1.1	ug/L	70844	3	11.807	312789	5.0
Benzene, 2-ethy...	12.563	1.1	ug/L	72120	3	11.807	312789	5.0
1-Phenyl-1-butene	12.605	1.1	ug/L	72058	3	11.807	312789	5.0
Benzene, 2-bute...	12.675	4.3	ug/L	271591	3	11.807	312789	5.0
1H-Indene, 2,3-...	12.862	1.3	ug/L	83797	3	11.807	312789	5.0
Benzene, 1,2,4,...	12.965	1.1	ug/L	69168	3	11.807	312789	5.0
1,3-Cyclopentad...	13.019	2.7	ug/L	167189	3	11.807	312789	5.0
Benzene, (2-met...	13.103	0.8	ug/L	52513	3	11.807	312789	5.0
p-Cymene	13.444	6.1	ug/L	383202	3	11.807	312789	5.0
Naphthalene, 1,...	13.618	2.7	ug/L	170907	3	11.807	312789	5.0
Benzene, (1,2-d...	13.727	0.6	ug/L	34669	3	11.807	312789	5.0
Benzene, (1-met...	13.833	1.5	ug/L	91096	3	11.807	312789	5.0
1H-Indene, 2,3-...	13.933	2.6	ug/L	159914	3	11.807	312789	5.0
Azulene	14.081	3.8	ug/L	236087	3	11.807	312789	5.0
Naphthalene, 1,...	14.183	1.3	ug/L	81058	3	11.807	312789	5.0
Benzene, (3-met...	14.280	2.5	ug/L	154980	3	11.807	312789	5.0
1H-Indene, 2,3-...	14.476	0.9	ug/L	58518	3	11.807	312789	5.0
Naphthalene, 1,...	14.679	2.5	ug/L	155633	3	11.807	312789	5.0
Benzene, 1,3,5-...	14.868	1.0	ug/L	63088	3	11.807	312789	5.0
Benzene, 2-ethe...	15.010	1.5	ug/L	96142	3	11.807	312789	5.0
Naphthalene, 2-...	15.216	2.0	ug/L	126940	3	11.807	312789	5.0
Naphthalene, 1-...	15.405	1.7	ug/L	104319	3	11.807	312789	5.0