LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

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\SFAMUTR122022WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU052534.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.601	72	81	93	rBV2	222320	249558	12.26%	0.660%
2	1.916	170	179	193	rVV	98192	130690	6.42%	0.345%
3	1.996	193	204	230	rVB	627854	864802	42.50%	2.286%
4	2.205	258	269	285	rVB	602598	884885	43.49%	2.339%
5	2.469	341	351	365	rVB	88170	140679	6.91%	0.372%
6	2.568	367	382	403	rBV	168710	295508	14.52%	0.781%
7	3.048	519	531	532	rVV	72182	112783	5.54%	0.298%
8	3.083	534	542	551	rVV2	241224	491814	24.17%	1.300%
9	3.138	551	559	594	rVB3	145781	429919	21.13%	1.136%
10	3.359	609	628	646	rVB	167575	372053	18.28%	0.983%
11	3.572	677	694	714	rBV2	50658	117126	5.76%	0.310%
12	3.697	714	733	758	rBV2	248250	559320	27.49%	1.478%
13	3.977	807	820	838	rVB	119250	287494	14.13%	0.760%
14	4.089	839	855	868	rBV4	50296	128942	6.34%	0.341%
15	4.170	868	880	896	rVV4	33986	95150	4.68%	0.251%
16	4.334	917	931	949	rVB2	85592	208963	10.27%	0.552%
17	4.530	974	992	1008	rBV	673660	1628224	80.02%	4.304%
18	4.639	1008	1026	1067	rVB2	183437	757319	37.22%	2.002%
19	5.060	1142	1157	1173	rBV	157719	356944	17.54%	0.943%
20	5.176	1180	1193	1211	rVB	187059	396799	19.50%	1.049%
21	5.385	1239	1258	1272	rBV2	750671	1800060	88.46%	4.758%
22	5.459	1274	1281	1305	rVB5	60415	166963	8.21%	0.441%
23	5.591	1305	1322	1330	rBV2	132409	294513	14.47%	0.778%
24	5.723	1346	1363	1383	rVB2	336442	856017	42.07%	2.263%
25	5.848	1388	1402	1411	rBV	160050	343796	16.90%	0.909%
26	5.916	1412	1423	1433	rVV4	143546	353046	17.35%	0.933%
27	5.986	1433	1445	1459	rVB	236732	512964	25.21%	1.356%
28	6.131	1477	1490	1506	rBV	148084	283345	13.92%	0.749%
29	6.247	1512	1526	1533	rBV	267955	513109	25.22%	1.356%
30	6.292	1534	1540	1548	rVB3	103911	180974	8.89%	0.478%
31	6.568	1604	1626	1649	rBV4	112637	290327	14.27%	0.767%
32	6.687	1649	1663	1671	rBV	222255	444969	21.87%	1.176%
33	6.758	1671	1685	1709	rVV2	884725	2034868	100.00%	5.379%
34	6.977	1741	1753	1768	rBV2	122663	227639	11.19%	0.602%
35	7.070	1768	1782	1796	rVB2	56203	108603	5.34%	0.287%
36	7.160	1796	1810	1813	rBV3	70712	130038	6.39%	0.344%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
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Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

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\SFAMUTR122022WMA.M
Title : TRACE VOA SFAM1.0

37	7.237	1825	1834	1855	rVB6	97113	229304	11.27%	0.606%
38	7.395	1868	1883	1891	rBV	257008	468987	23.05%	1.240%
39	7.443	1892	1898	1907	rVV	112507	211464	10.39%	0.559%
40	7.494	1908	1914	1922	rVV2	66311	113274	5.57%	0.299%
41	7.562	1922	1935	1955	rVV2	118654	281148	13.82%	0.743%
42	7.655	1956	1964	1973	rVV2	39618	58873	2.89%	0.156%
43	7.755	1983	1995	2013	rVB	288327	526782	25.89%	1.392%
44	7.854	2013	2026	2030	rBV3	172311	310998	15.28%	0.822%
45	7.893	2030	2038	2052	rVB	473917	848503	41.70%	2.243%
46	8.028	2069	2080	2087	rBV7	45268	110871	5.45%	0.293%
47	8.173	2121	2125	2134	rVB	66470	96734	4.75%	0.256%
48	8.240	2135	2146	2160	rVB4	146928	297286	14.61%	0.786%
49	8.362	2174	2184	2191	rBV2	67660	126939	6.24%	0.336%
50	8.407	2191	2198	2212	rVB2	98005	173765	8.54%	0.459%
51	8.632	2257	2268	2283	rVV	683689	1298225	63.80%	3.431%
52	8.700	2285	2289	2296	rVV3	59633	98198	4.83%	0.260%
53	8.742	2297	2302	2309	rVV4	47469	86932	4.27%	0.230%
54	8.803	2310	2321	2329	rVV10	61485	146169	7.18%	0.386%
55	8.861	2330	2339	2351	rVV2	149489	293630	14.43%	0.776%
56	8.919	2351	2357	2366	rVB3	69295	109816	5.40%	0.290%
57	9.070	2390	2404	2414	rBV6	52745	120089	5.90%	0.317%
58	9.330	2470	2485	2499	rVB3	57456	119214	5.86%	0.315%
59	9.414	2499	2511	2520	rBV	365611	609983	29.98%	1.612%
60	9.510	2534	2541	2549	rBV5	39615	74758	3.67%	0.198%
61	9.565	2549	2558	2574	rVB	631437	1011349	49.70%	2.673%
62	9.690	2579	2597	2611	rBV	262826	509999	25.06%	1.348%
63	9.755	2612	2617	2636	rVB9	29084	66984	3.29%	0.177%
64	10.028	2688	2702	2720	rBV7	37641	104201	5.12%	0.275%
65	10.269	2753	2777	2793	rBV5	58782	179409	8.82%	0.474%
66	10.356	2794	2804	2823	rVB7	52575	137919	6.78%	0.365%
67	10.478	2831	2842	2852	rBV	199912	320248	15.74%	0.846%
68	10.751	2917	2927	2938	rVV	192666	313541	15.41%	0.829%
69	10.902	2962	2974	2994	rBV	519318	811760	39.89%	2.146%
70	11.018	2999	3010	3020	rVV	330604	511167	25.12%	1.351%
71	11.086	3024	3031	3048	rVB2	61100	104103	5.12%	0.275%
72	11.288	3084	3094	3112	rVB	88232	156907	7.71%	0.415%
73	11.639	3197	3203	3213	rVB2	41139	62819	3.09%	0.166%
74	11.738	3215	3234	3242	rBV	60206	113119	5.56%	0.299%
75	11.806	3242	3255	3270	rVV2	406484	704481	34.62%	1.862%
76	11.890	3270	3281	3292	rVV	75058	136372	6.70%	0.360%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
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Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

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\SFAMUTR122022WMA.M
Title : TRACE VOA SFAM1.0

77	12.092	3331	3344	3361	rBV2	624391	1038638	51.04%	2.745%
78	12.189	3361	3374	3391	rVB5	552720	1027013	50.47%	2.715%
79	12.298	3399	3408	3421	rVB3	46064	80073	3.94%	0.212%
80	12.372	3422	3431	3449	rVB	65786	106329	5.23%	0.281%
81	12.462	3449	3459	3473	rBV	97699	153290	7.53%	0.405%
82	12.568	3480	3492	3499	rBV	467206	701705	34.48%	1.855%
83	12.607	3499	3504	3515	rVB	153747	220020	10.81%	0.582%
84	12.677	3515	3526	3546	rBV	563840	1008562	49.56%	2.666%
85	12.970	3596	3617	3627	rBV	263596	434219	21.34%	1.148%
86	13.025	3627	3634	3648	rVB3	39305	76082	3.74%	0.201%
87	13.108	3648	3660	3673	rBV6	50703	130481	6.41%	0.345%
88	13.288	3708	3716	3732	rVB	379763	578580	28.43%	1.529%
89	13.449	3744	3766	3781	rBV3	903662	1616827	79.46%	4.274%
90	13.619	3810	3819	3840	rVB3	144872	255122	12.54%	0.674%
91	13.732	3843	3854	3860	rBV3	52212	85267	4.19%	0.225%
92	13.783	3860	3870	3878	rBV	129380	205743	10.11%	0.544%
93	13.835	3878	3886	3897	rBV5	106922	174499	8.58%	0.461%
94	13.909	3902	3909	3911	rVV	59568	85348	4.19%	0.226%
95	13.938	3912	3918	3936	rVB2	141771	266028	13.07%	0.703%
96	14.082	3948	3963	3983	rVB2	57639	129501	6.36%	0.342%
97	14.282	4010	4025	4036	rBV4	43000	84530	4.15%	0.223%
98	14.481	4077	4087	4101	rBV2	51677	84234	4.14%	0.223%
99	14.664	4133	4144	4158	rBV3	44605	101867	5.01%	0.269%
100	15.407	4364	4375	4392	rBV	47299	82689	4.06%	0.219%

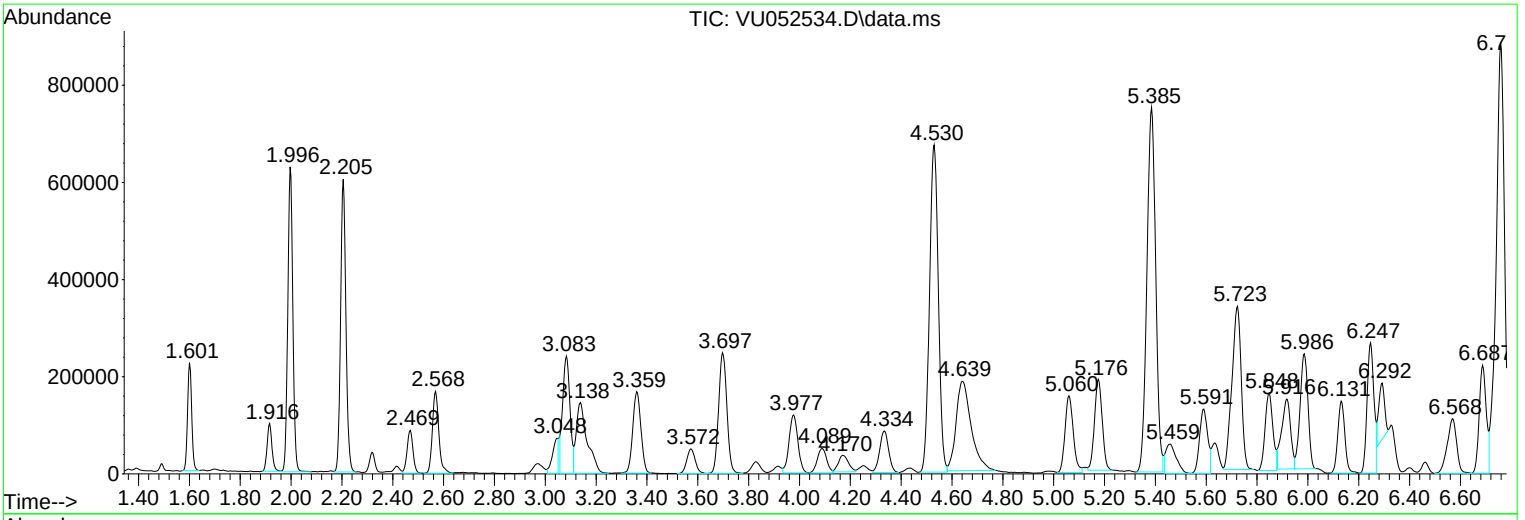
Sum of corrected areas: 37833170

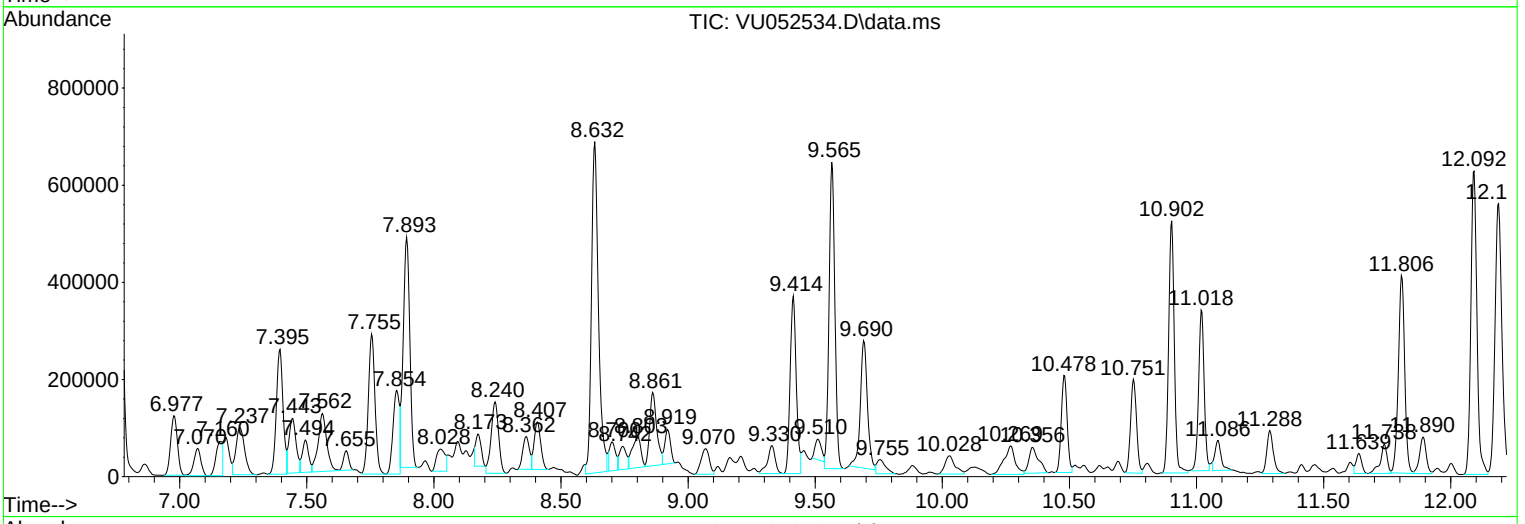
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

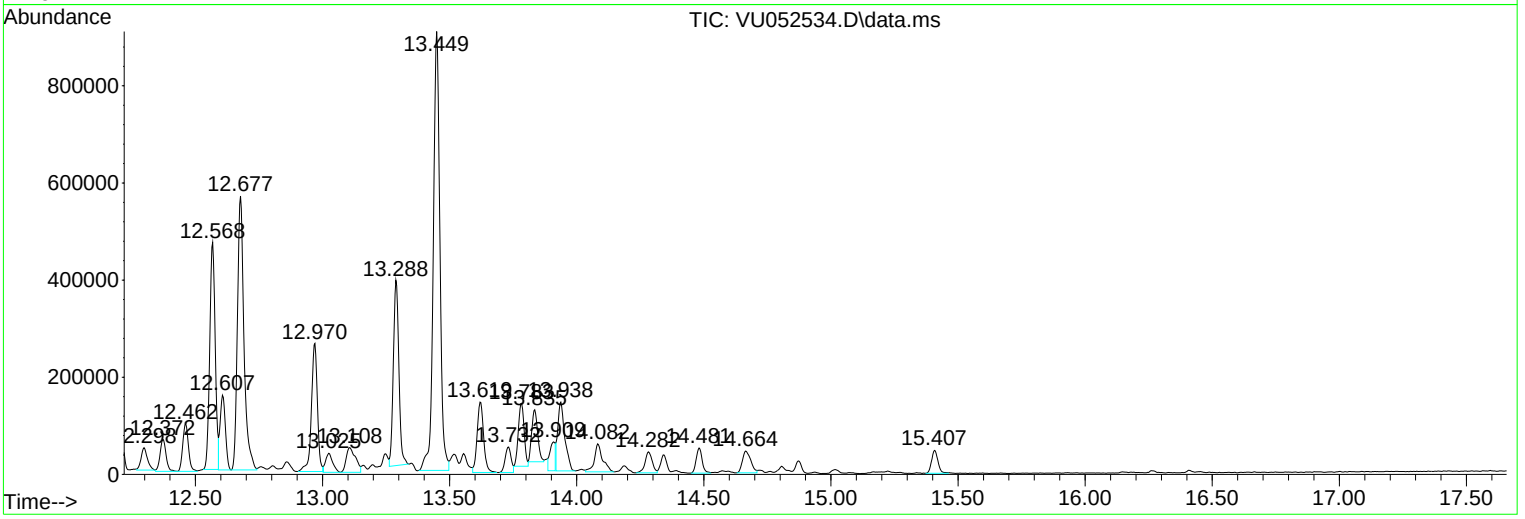
Instrument :
MSVOA_U
ClientSampleId :
GBQA4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.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\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

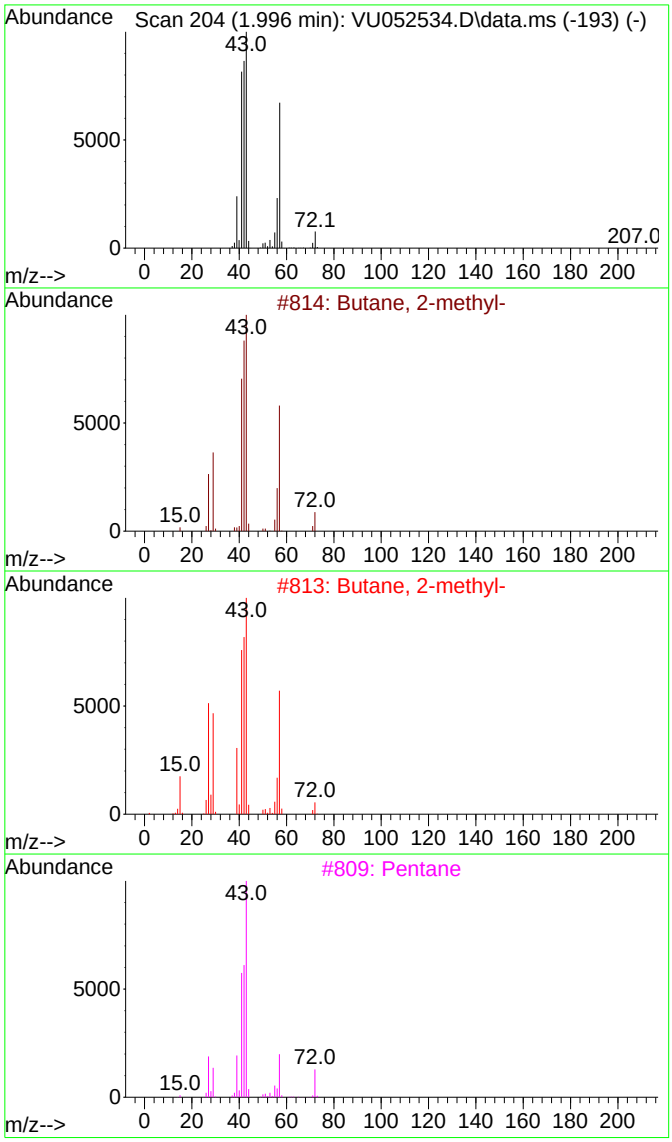
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

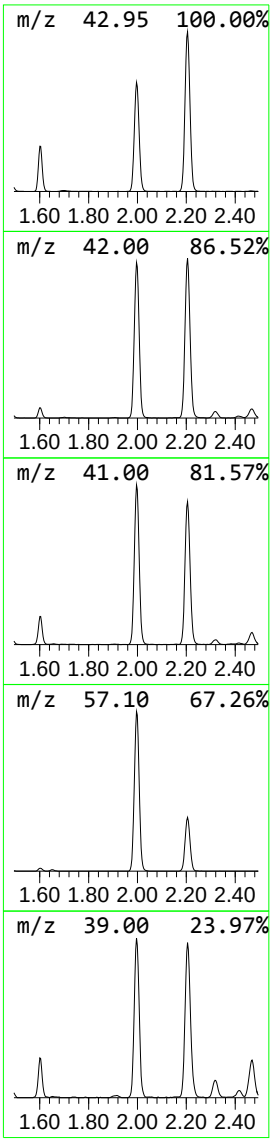
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.996	8.43 ug/L	864802	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2	Butane, 2-methyl-	72	C5H12	000078-78-4	90
3	Pentane	72	C5H12	000109-66-0	33
4	3-Buten-1-ol	72	C4H8O	000627-27-0	28
5	1-Butene	56	C4H8	000106-98-9	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

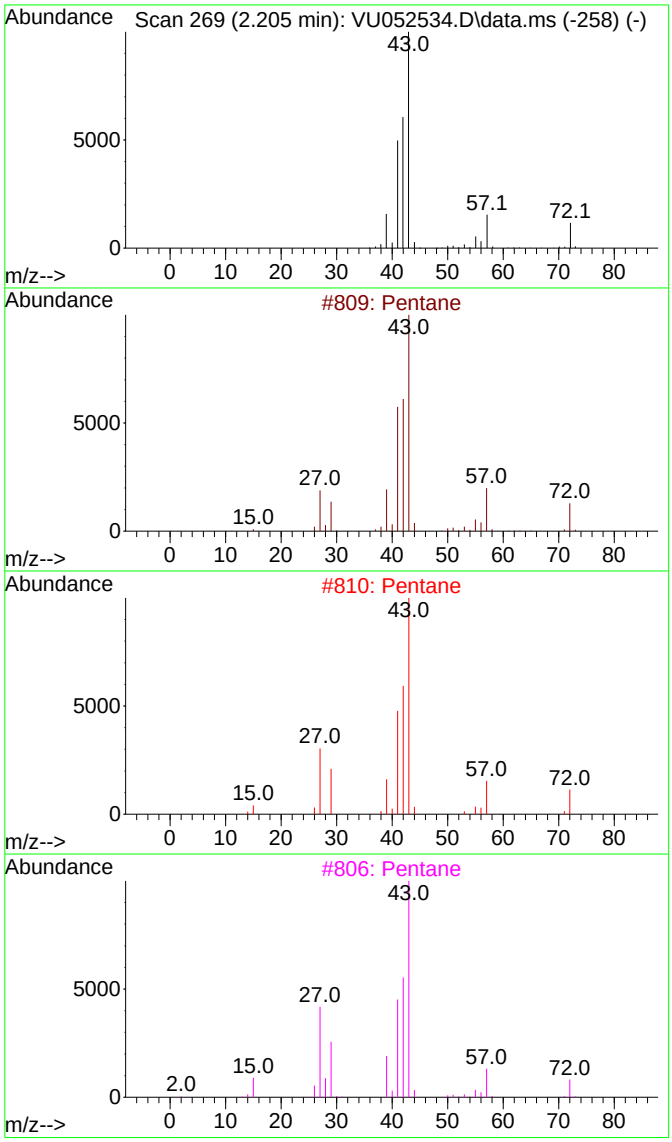
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

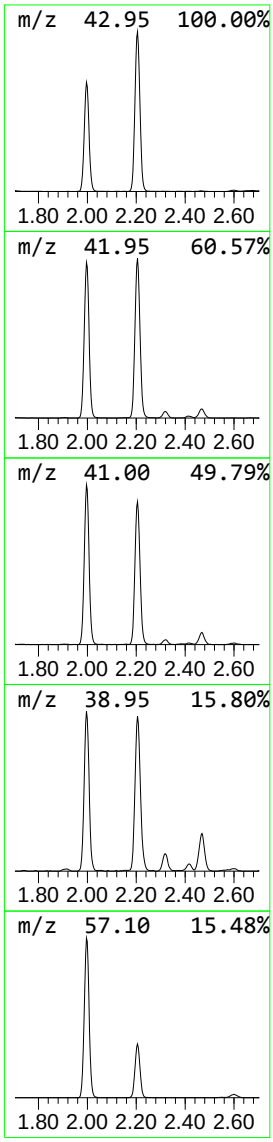
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.205	8.62 ug/L	884885	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	Pentane	72	C5H12	000109-66-0	90
3	Pentane	72	C5H12	000109-66-0	90
4	Pentane	72	C5H12	000109-66-0	86
5	Pentane	72	C5H12	000109-66-0	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

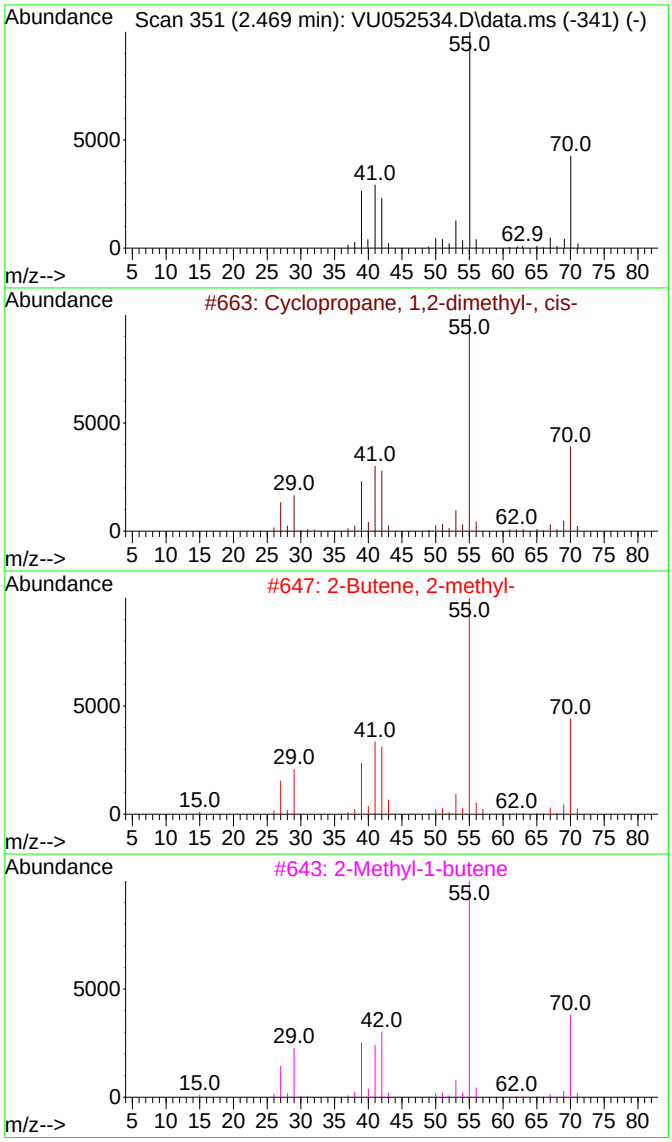
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

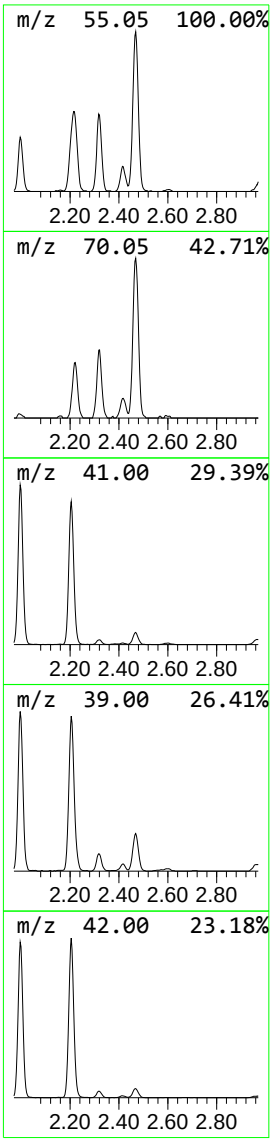
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic2.469 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.469	1.37 ug/L	140679	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	91
2	2-Butene, 2-methyl-	70	C5H10	000513-35-9	91
3	2-Methyl-1-butene	70	C5H10	000563-46-2	86
4	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	81
5	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

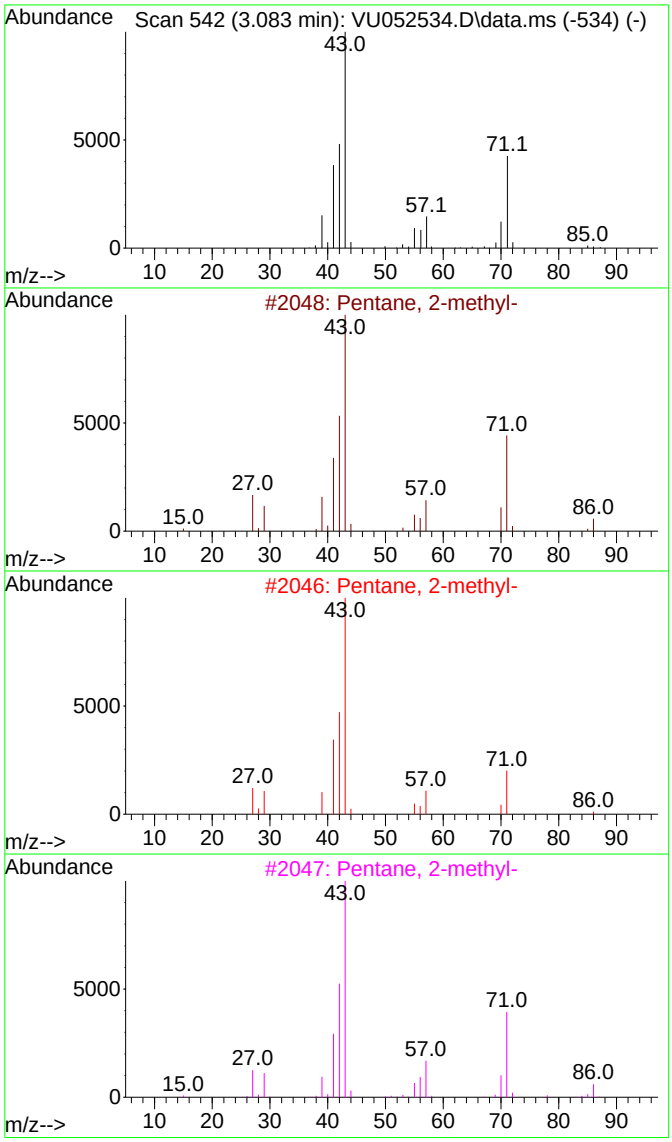
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

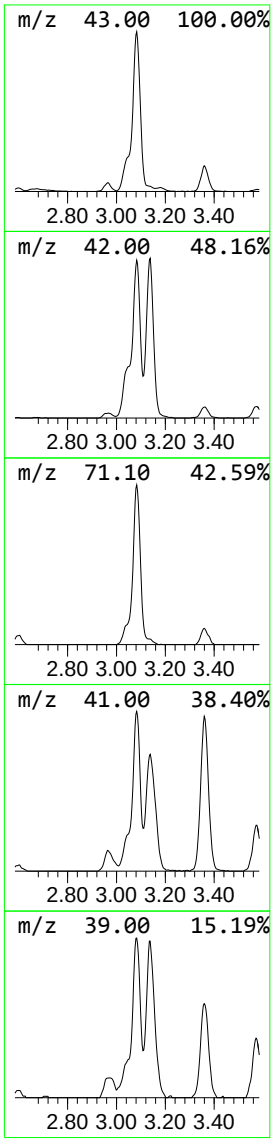
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.083	4.79 ug/L	491814	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	86
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	83
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	78
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	64
5	Pentane, 2-methyl-	86	C6H14	000107-83-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

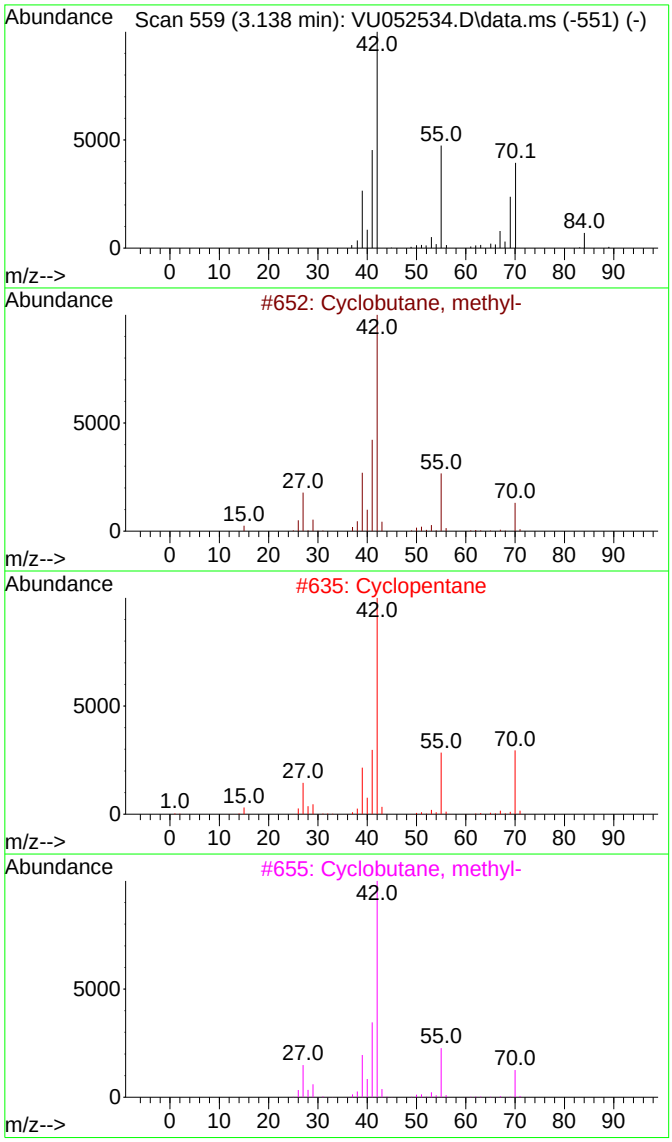
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

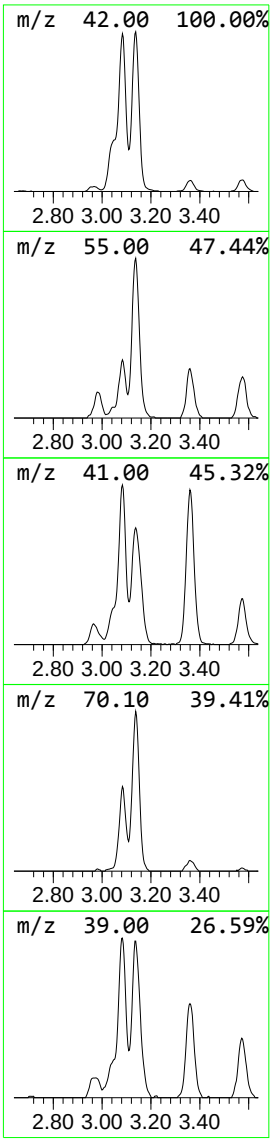
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic3.138 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.138	4.19 ug/L	429919	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, methyl-	70	C5H10	000598-61-8	80
2	Cyclopentane	70	C5H10	000287-92-3	72
3	Cyclobutane, methyl-	70	C5H10	000598-61-8	72
4	1-Pentene	70	C5H10	000109-67-1	64
5	1-Pentene	70	C5H10	000109-67-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

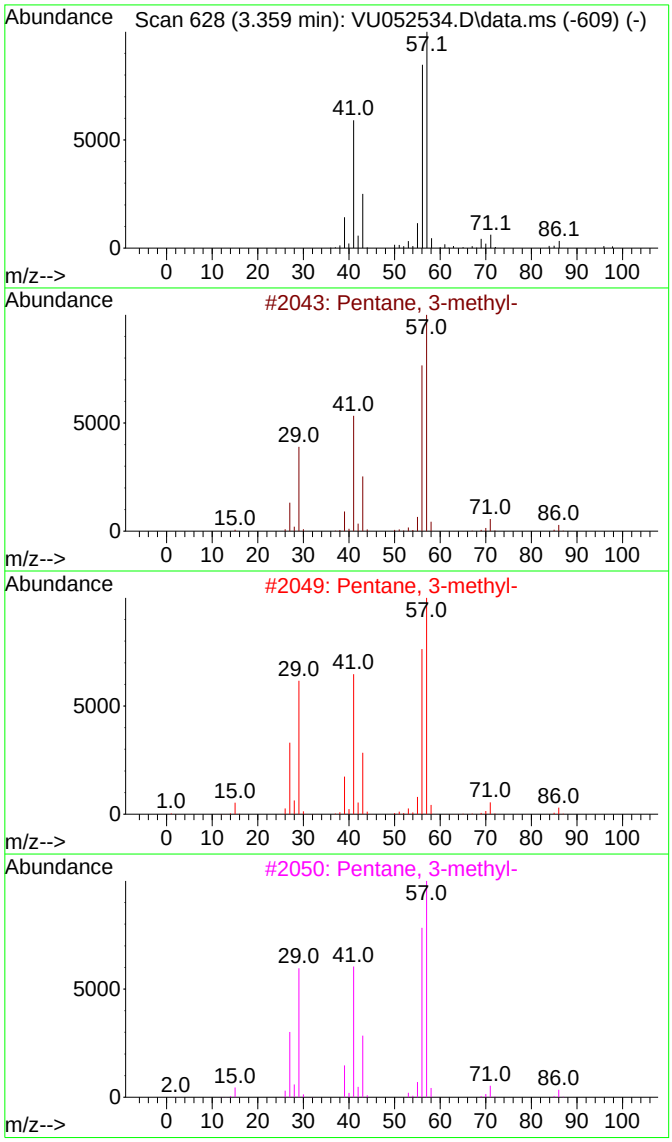
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

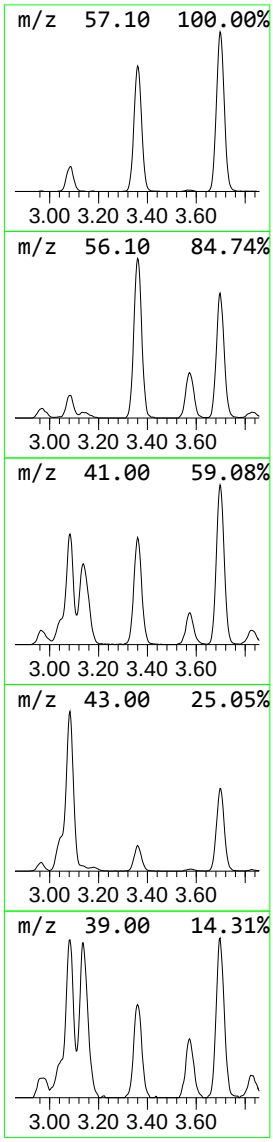
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.359	3.63 ug/L	372053	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	87
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	87
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	78
5	Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

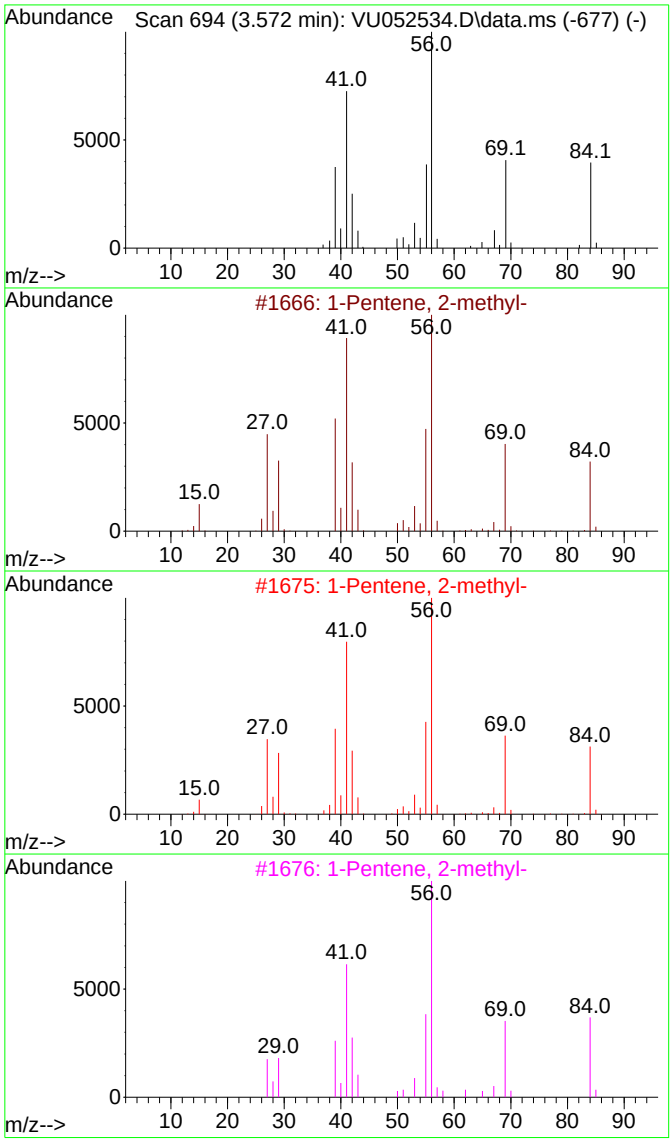
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

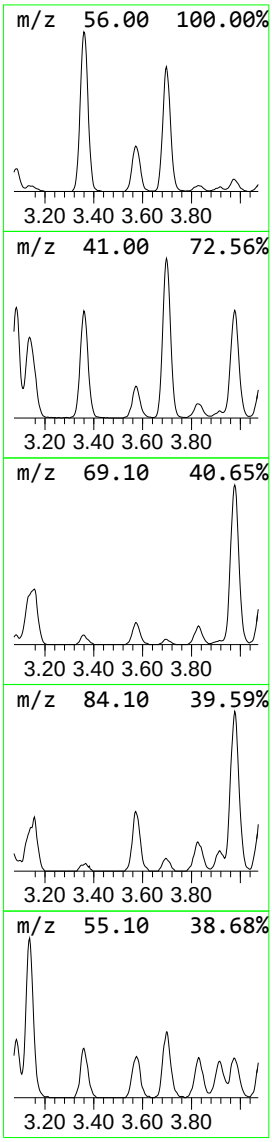
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.572	1.14 ug/L	117126	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	91
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	91
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	91
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	86
5	Cyclohexane	84	C6H12	000110-82-7	78





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Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

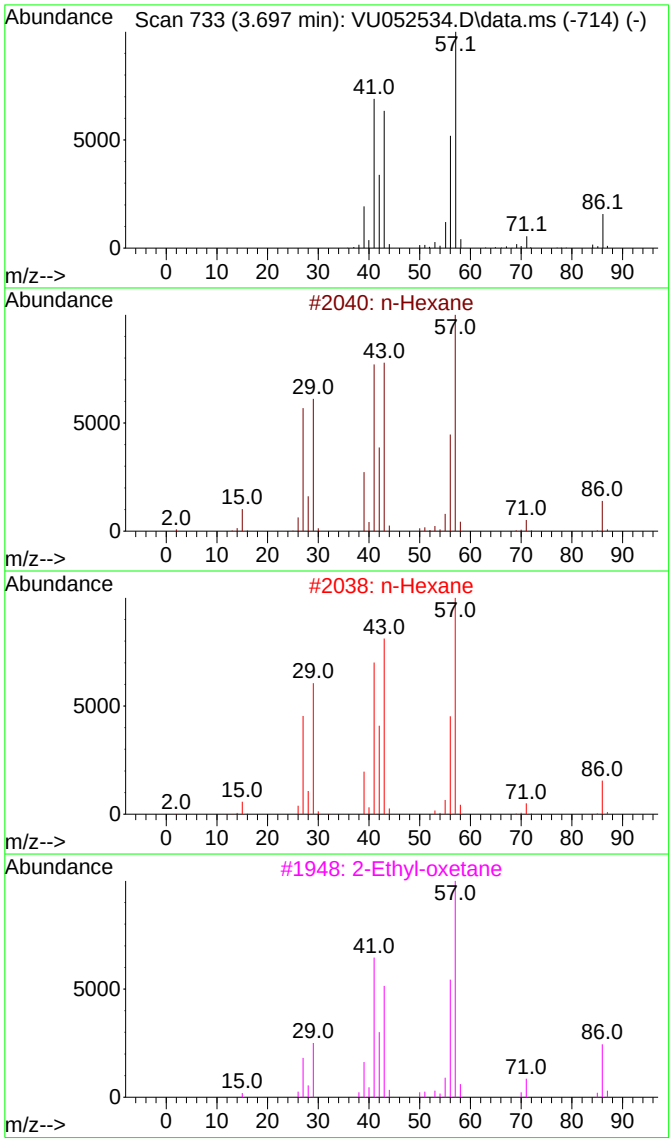
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

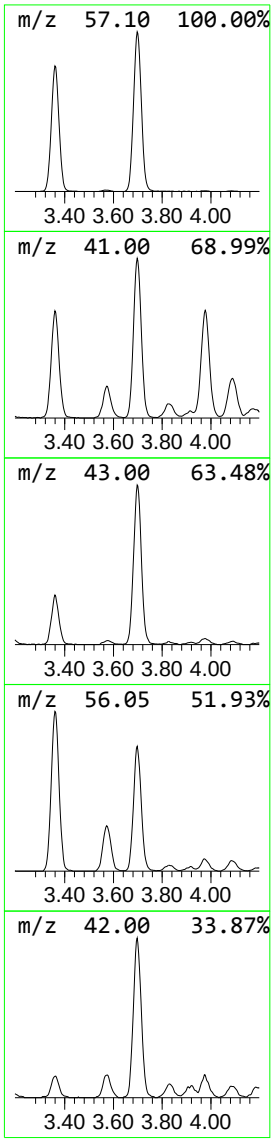
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.697	5.45 ug/L	559320	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	91
2	n-Hexane	86	C6H14	000110-54-3	91
3	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	78
4	n-Hexane	86	C6H14	000110-54-3	64
5	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

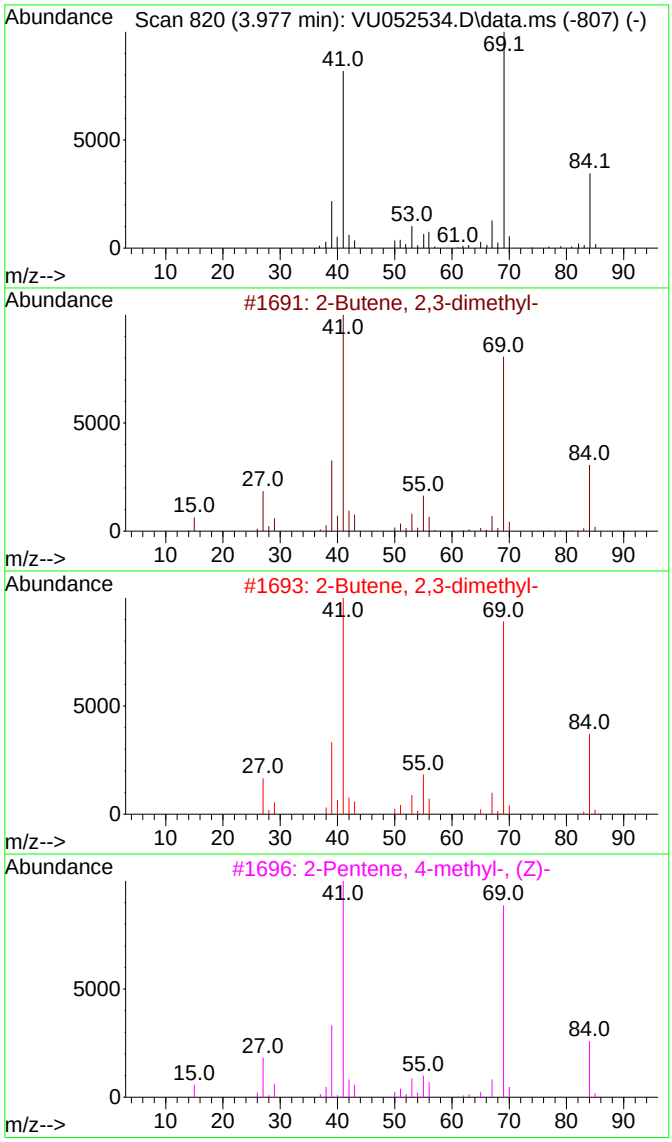
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

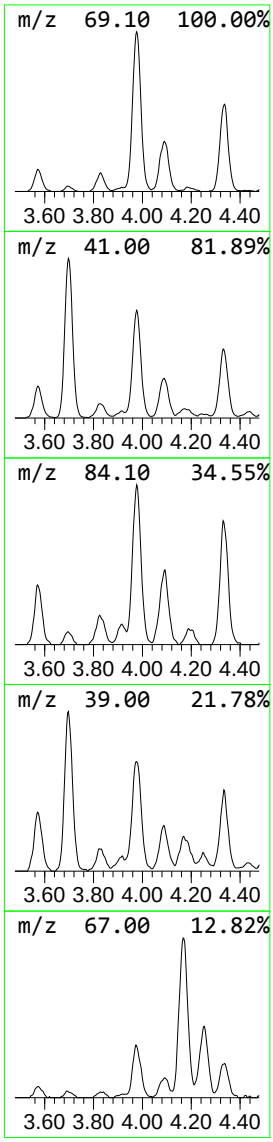
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.977	2.80 ug/L	287494	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	91
2	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	91
3	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	91
4	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	91
5	2-Pentene, 2-methyl-	84	C6H12	000625-27-4	86





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Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

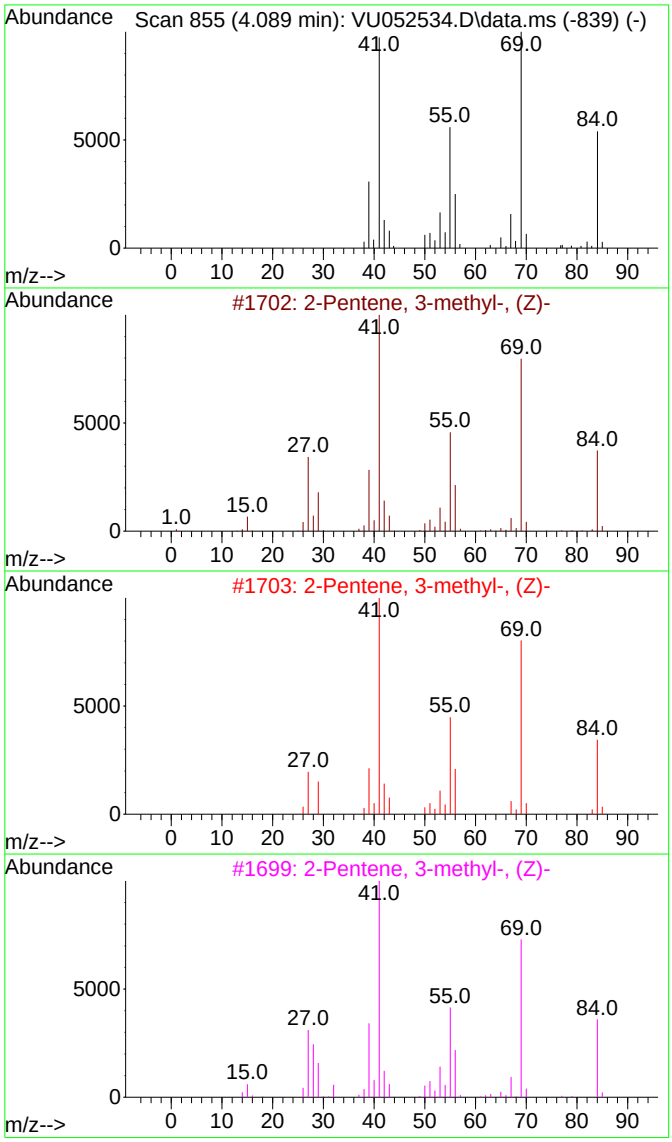
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

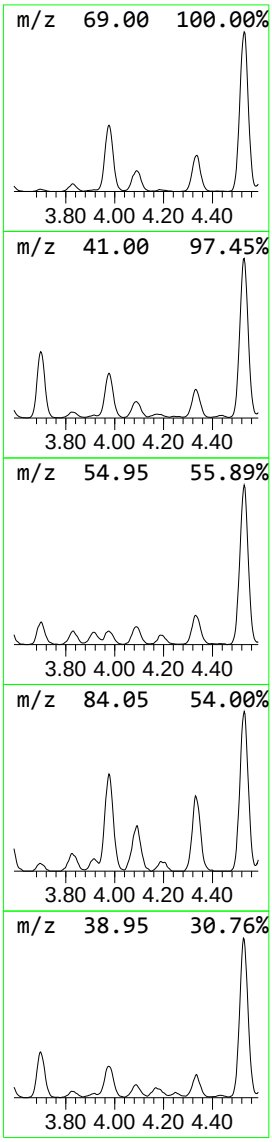
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.089	1.26 ug/L	128942	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	94
2	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	91
3	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	91
4	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	91
5	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

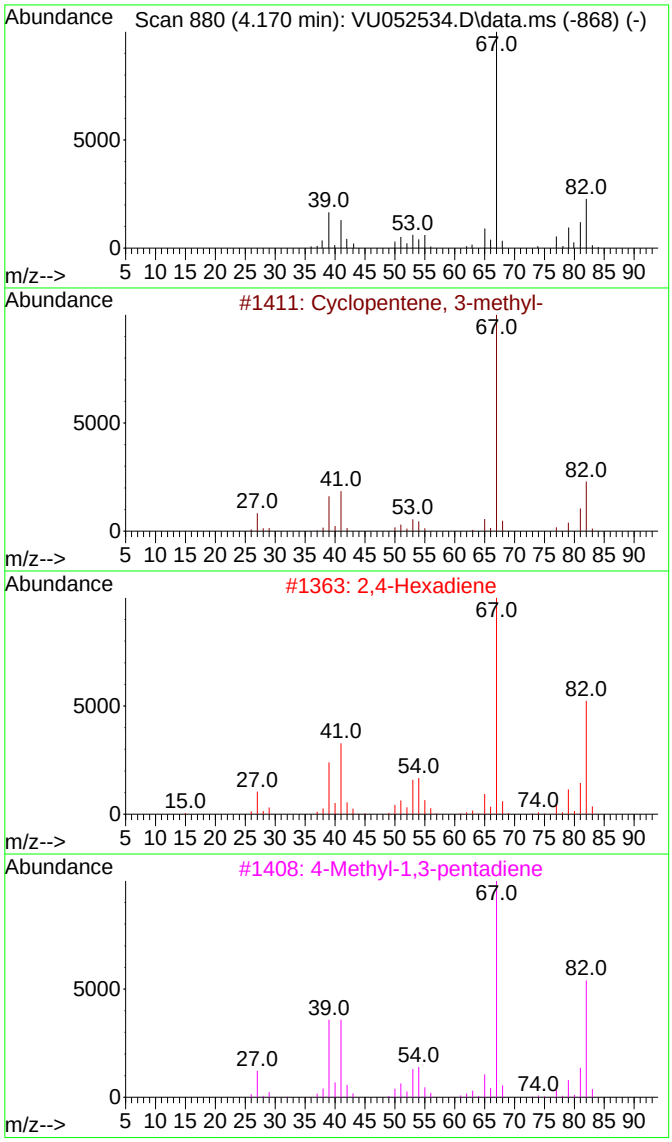
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

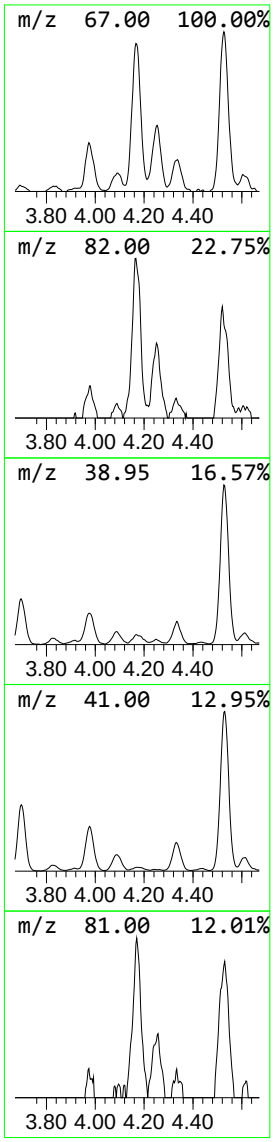
****

Peak Number 12 Cyclopentene, 3-methyl- Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.170	0.93 ug/L	95150	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	80
2	2,4-Hexadiene	82	C6H10	000592-46-1	80
3	4-Methyl-1,3-pentadiene	82	C6H10	000926-56-7	80
4	Cyclopentene, 4-methyl-	82	C6H10	001759-81-5	80
5	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

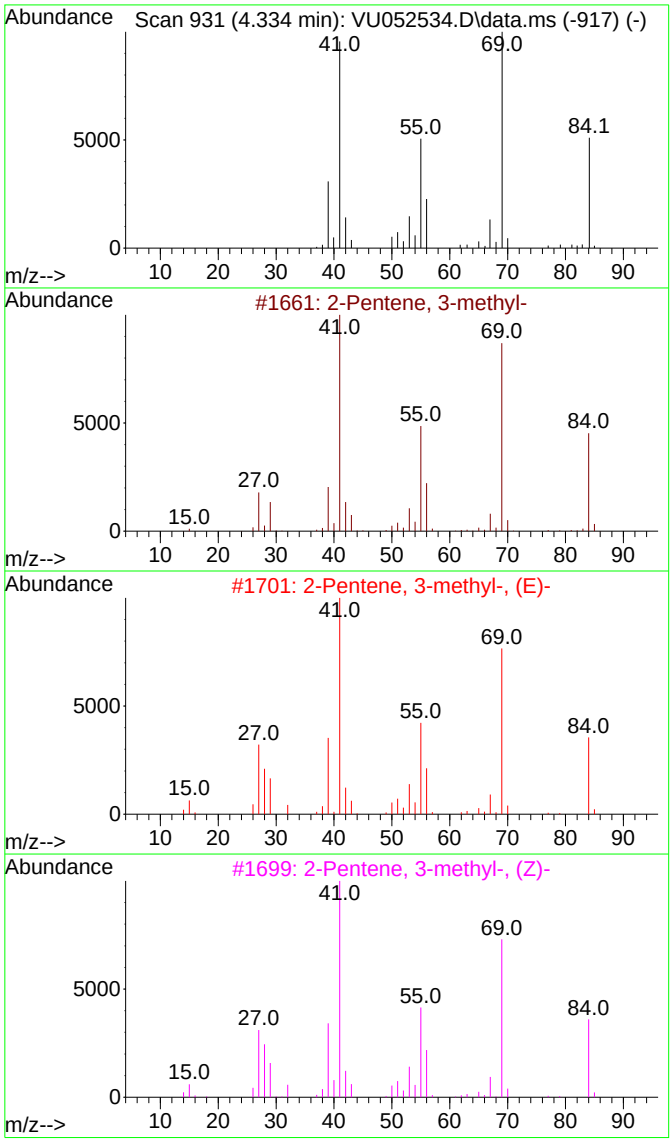
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

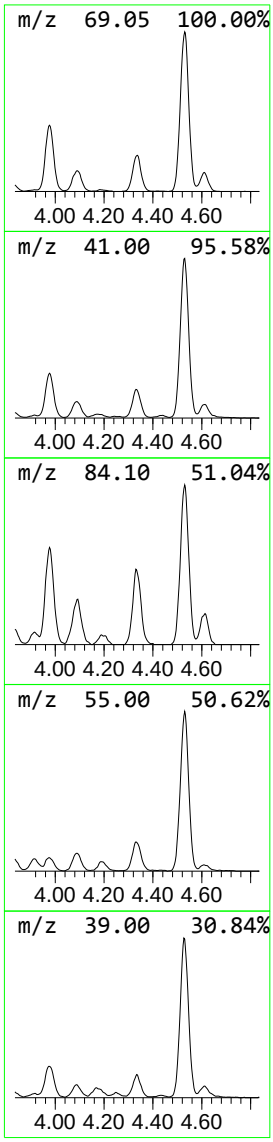
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.334	2.04 ug/L	208963	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-	84	C6H12	000922-61-2	91
2	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	91
3	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	91
4	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	91
5	Cyclopropane, 1,2,3-trimethyl-	84	C6H12	042984-19-0	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

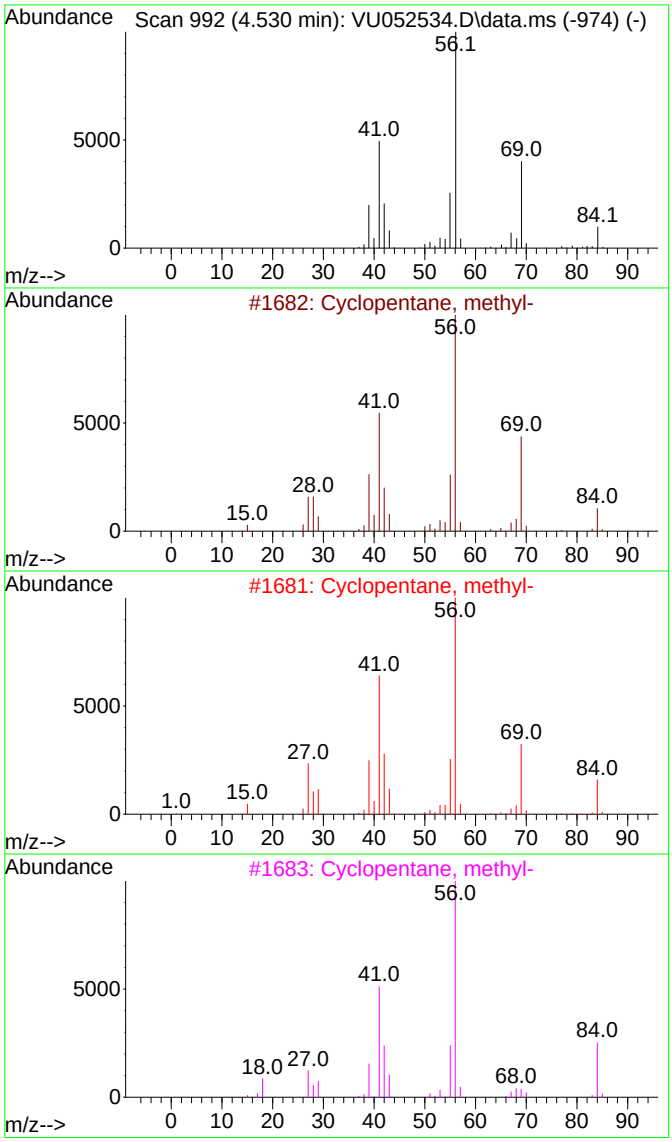
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

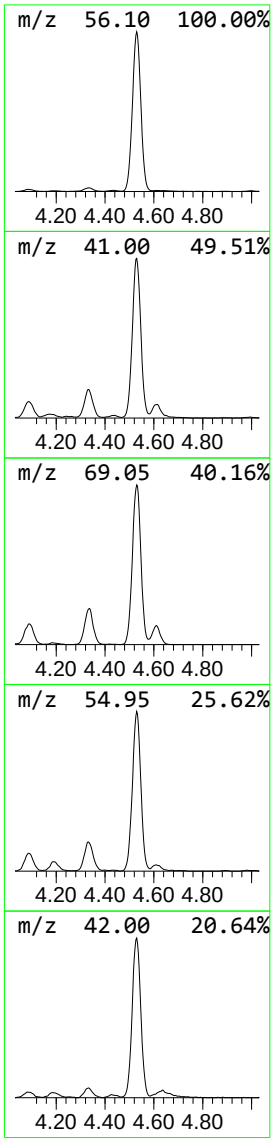
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Cyclic4.530 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.530	15.87 ug/L	1628220	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	86
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	80
5	Cyclohexane	84	C6H12	000110-82-7	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

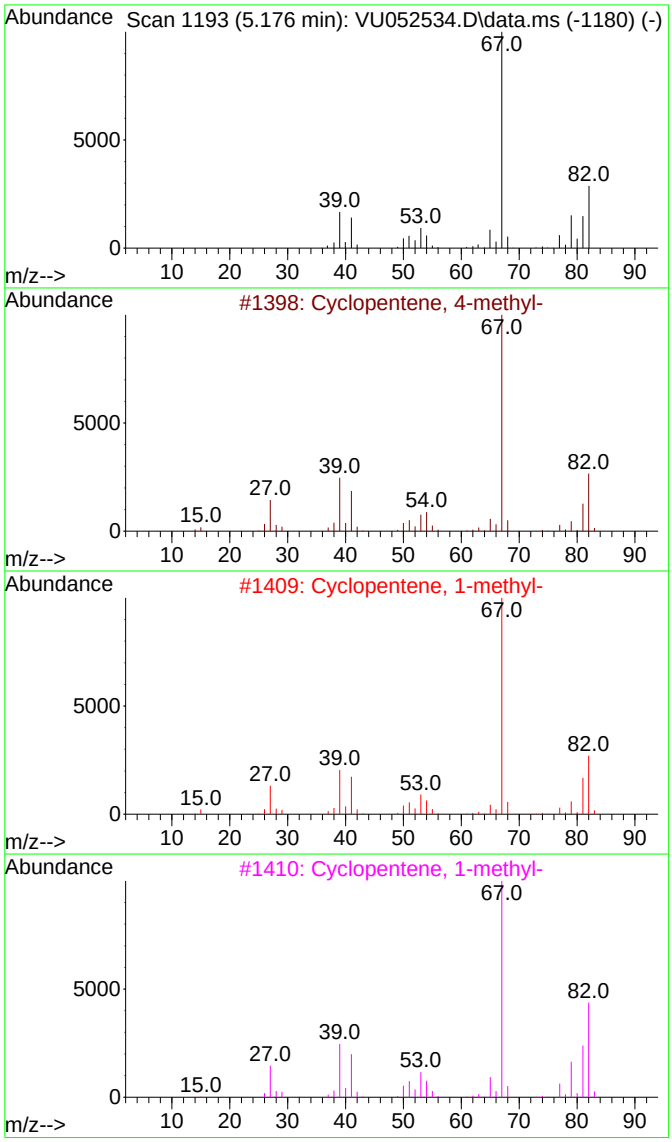
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

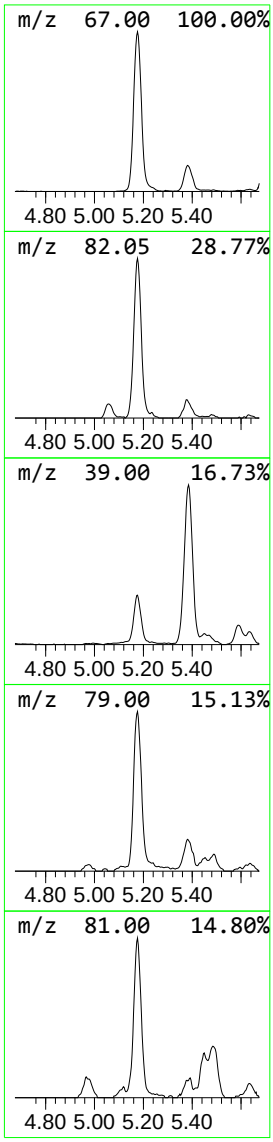
****

Peak Number 15 Cyclopentene, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.176	3.87 ug/L	396799	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 4-methyl-	82	C6H10	001759-81-5	90
2	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	87
3	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	87
4	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	86
5	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

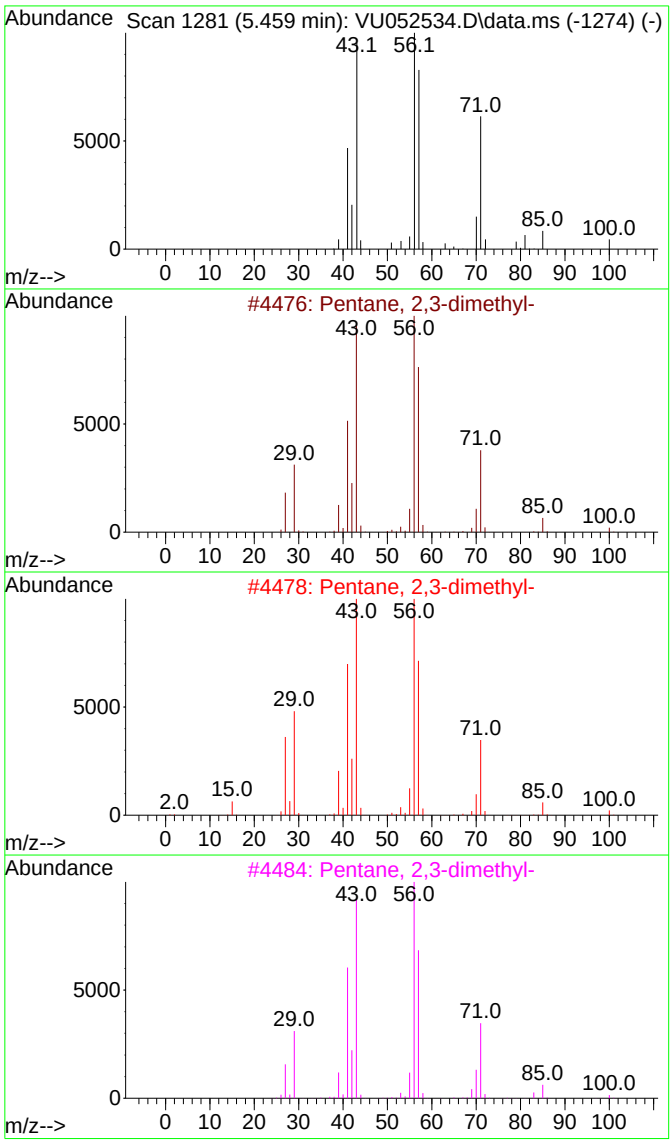
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

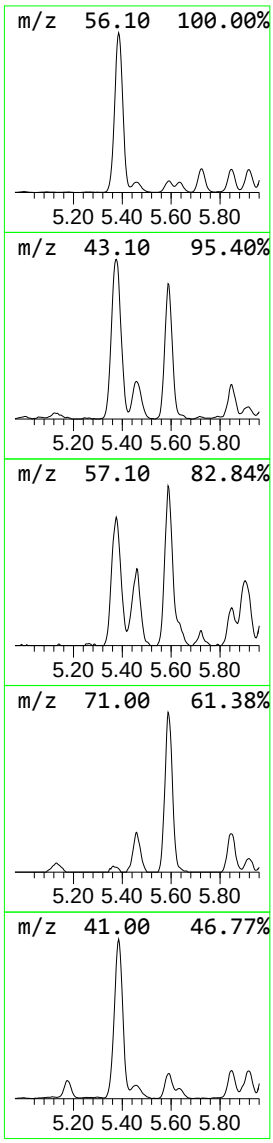
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.459	1.63 ug/L	166963	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	64
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	59
5	Ethane, isocyanato-	71	C3H5NO	000109-90-0	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

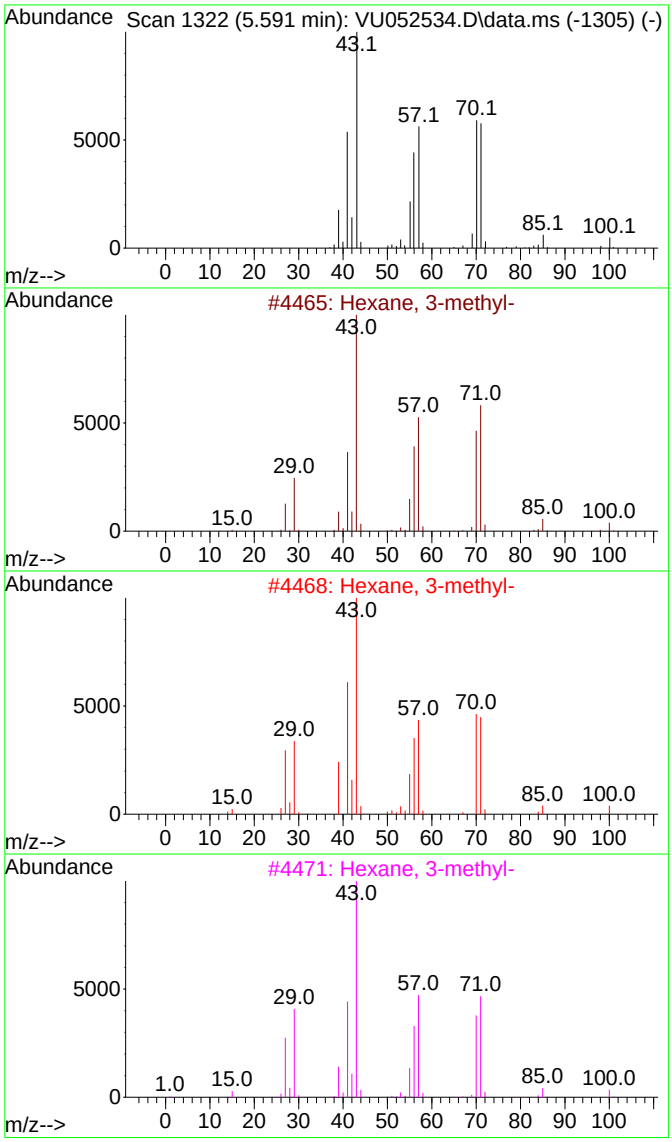
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

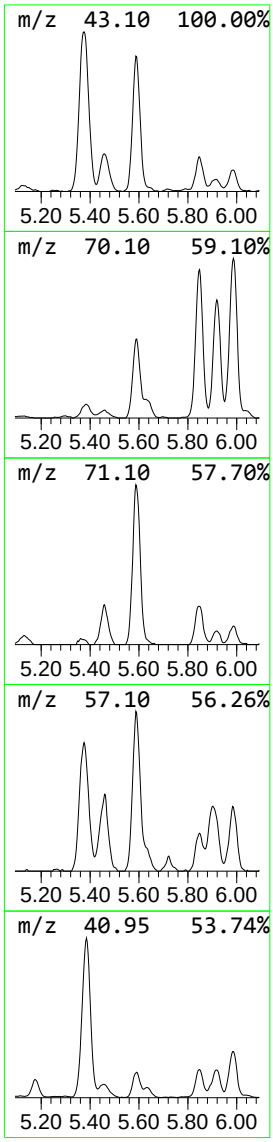
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.591	2.87 ug/L	294513	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	90
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	87
4	Heptane	100	C7H16	000142-82-5	72
5	Heptane	100	C7H16	000142-82-5	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

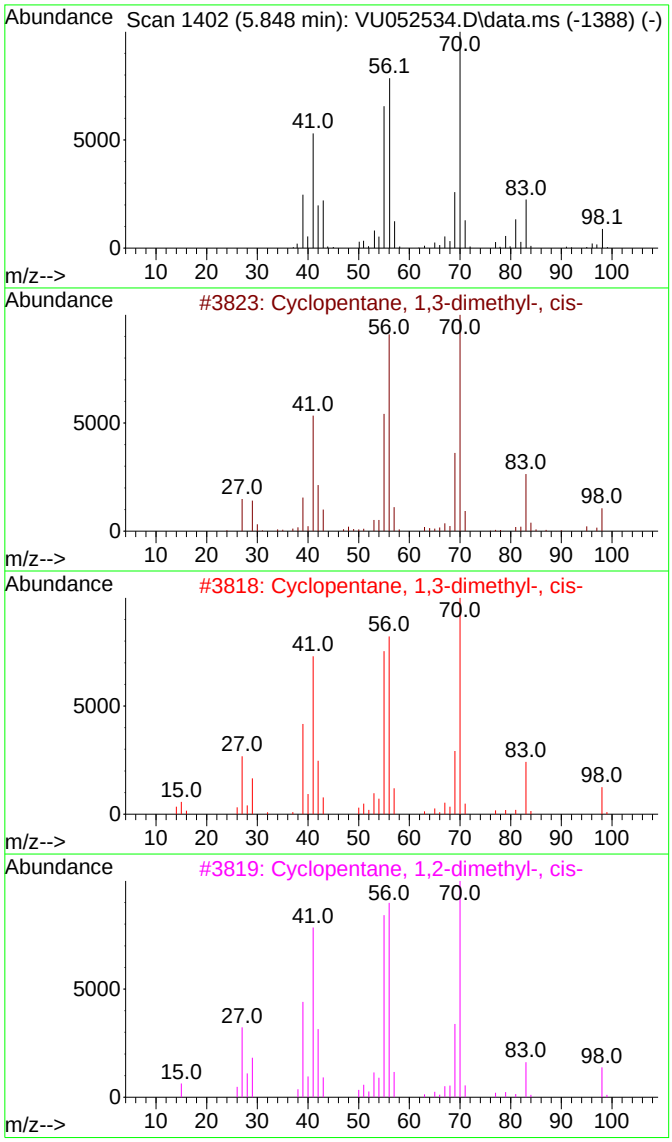
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

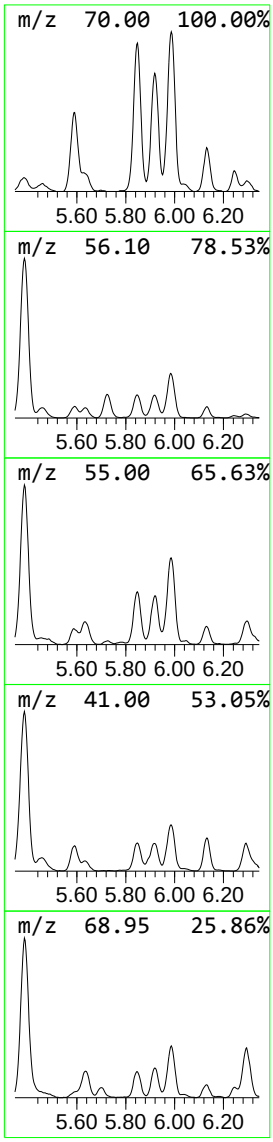
****

Peak Number 18 (DEL) Alkane: Cyclic5.848 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.848	3.35 ug/L	343796	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	91
2	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	87
3	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	83
4	Cyclobutanone, 2,2-dimethyl-	98	C6H10O	001192-14-9	72
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

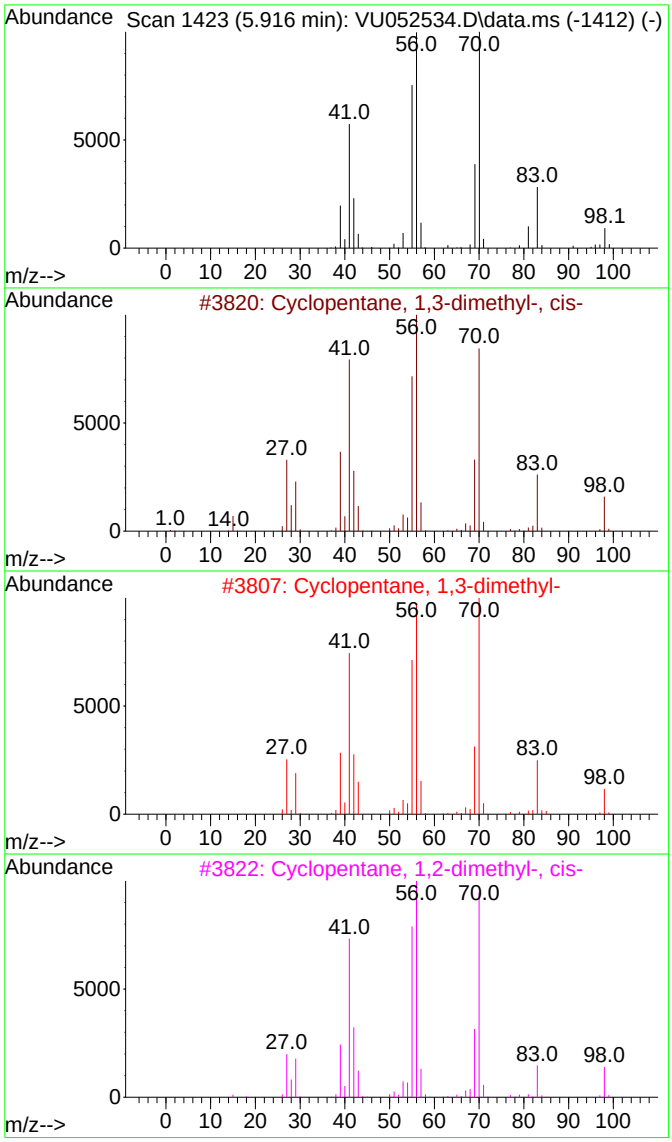
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

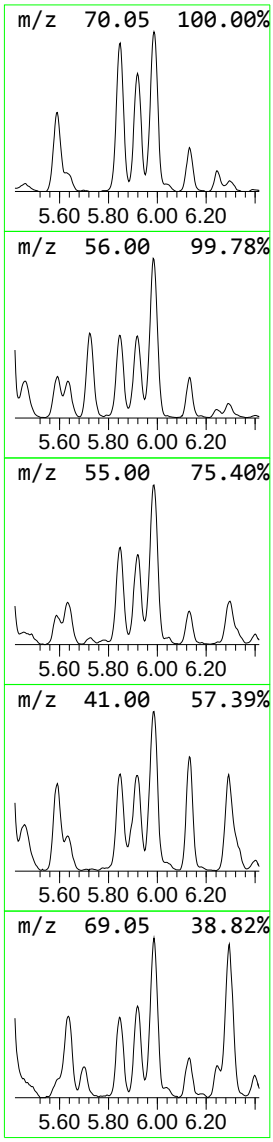
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Cyclic5.916 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.916	3.44 ug/L	353046	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	91
2	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	90
3	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	87
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	87
5	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	80





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Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

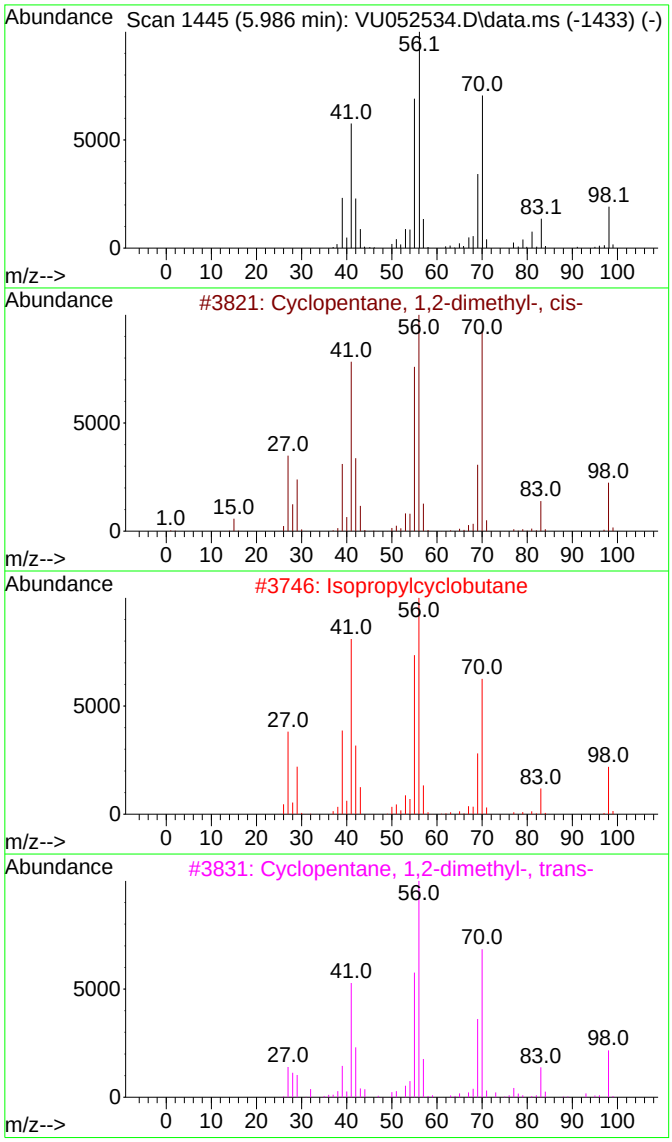
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

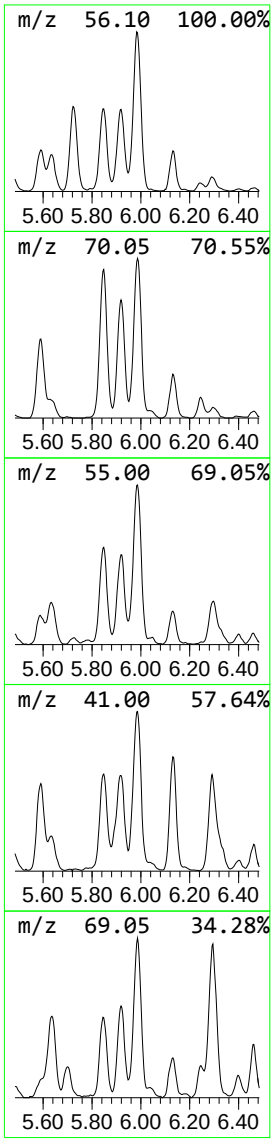
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Cyclic5.986 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.986	5.00 ug/L	512964	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	94
2	Isopropylcyclobutane	98	C7H14	000872-56-0	94
3	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
4	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	91
5	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

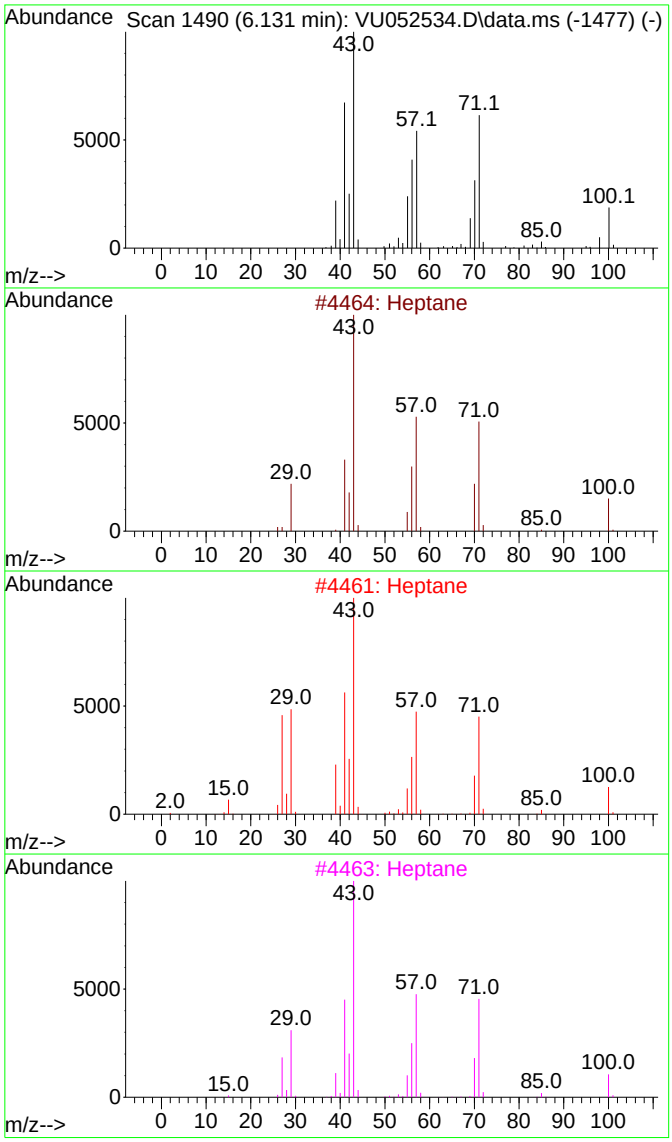
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

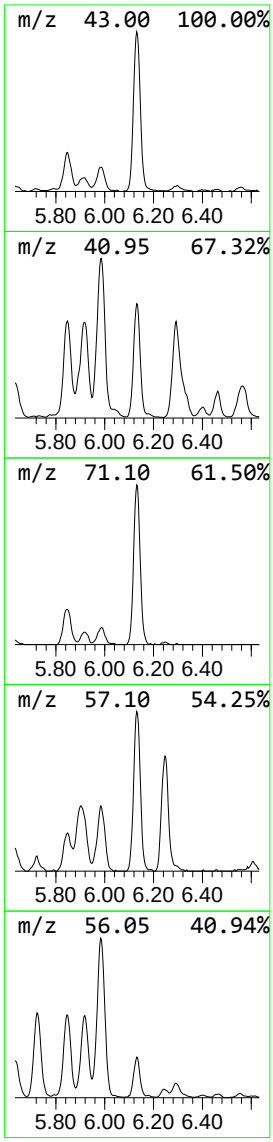
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.131	2.76 ug/L	283345	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	90
2	Heptane	100	C7H16	000142-82-5	72
3	Heptane	100	C7H16	000142-82-5	62
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	59
5	Heptane	100	C7H16	000142-82-5	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

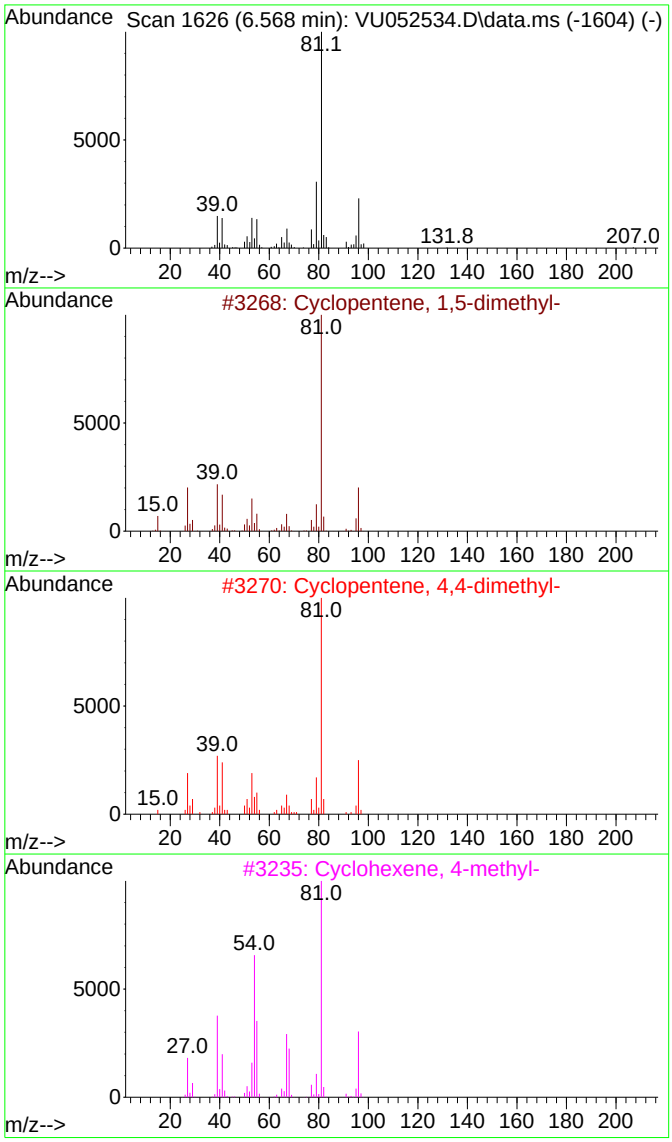
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

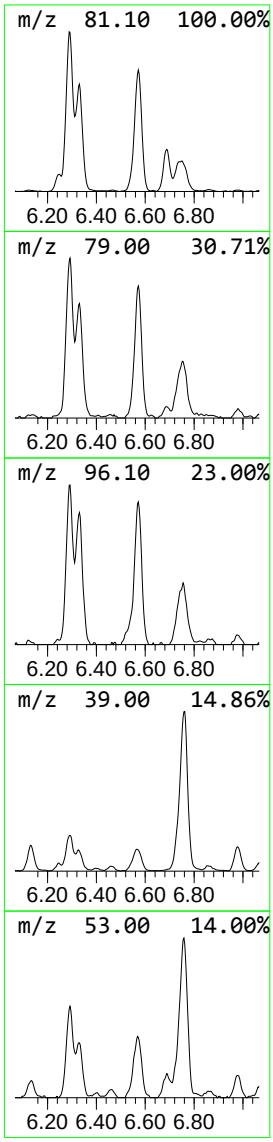
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Cyclopentene, 1,5-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.568	2.83 ug/L	290327	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	90
2	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	86
3	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	72
4	3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	72
5	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

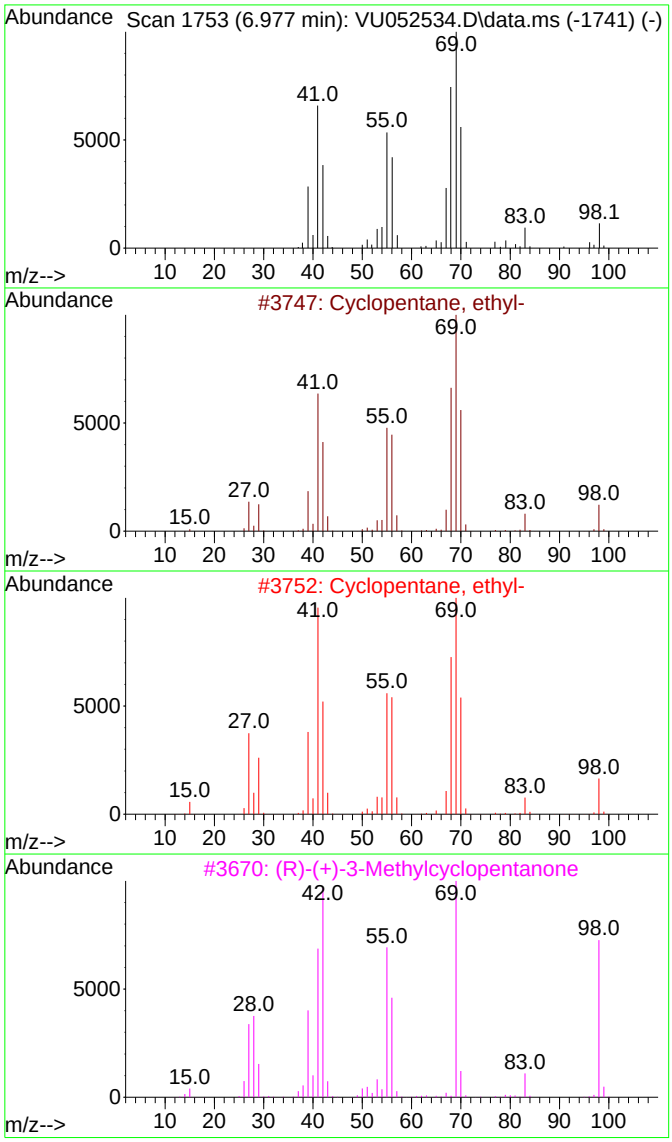
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

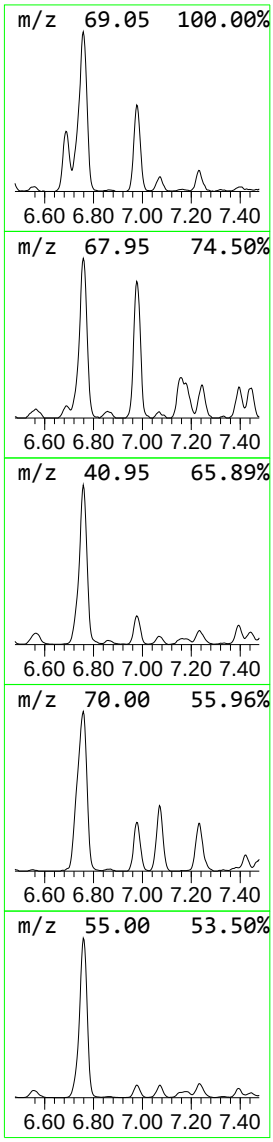
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Cyclic6.977 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.977	2.22 ug/L	227639	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, ethyl-	98	C7H14	001640-89-7	95
2	Cyclopentane, ethyl-	98	C7H14	001640-89-7	93
3	(R)-(+)-3-Methylcyclopentanone	98	C6H10O	006672-30-6	47
4	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	43
5	Cyclopropane, butyl-	98	C7H14	000930-57-4	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

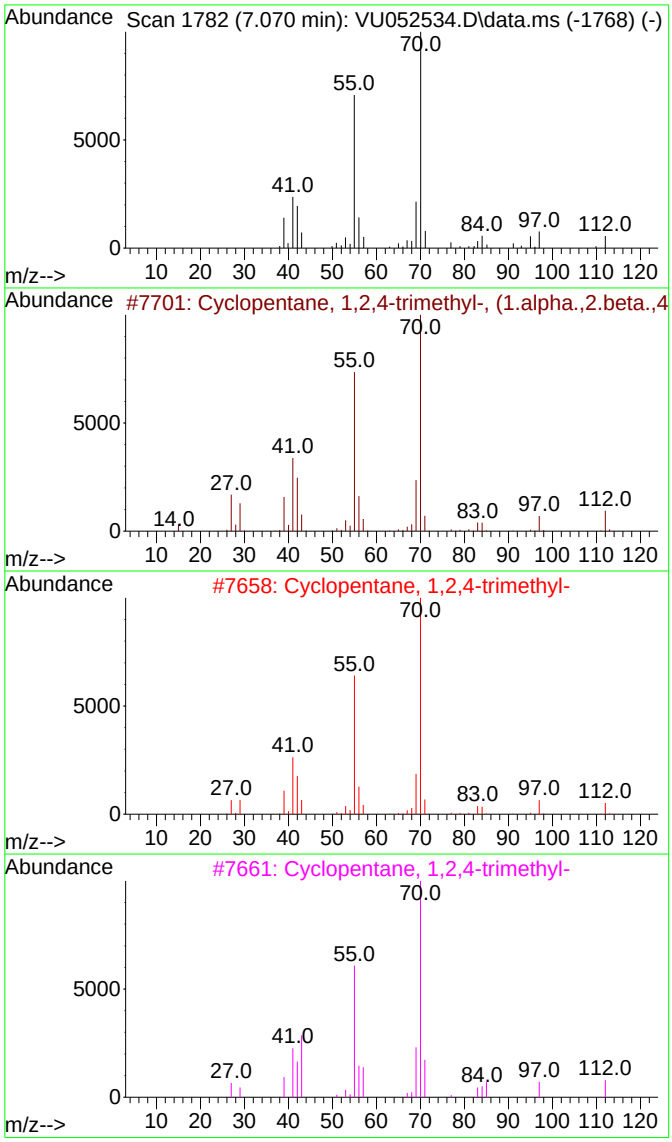
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

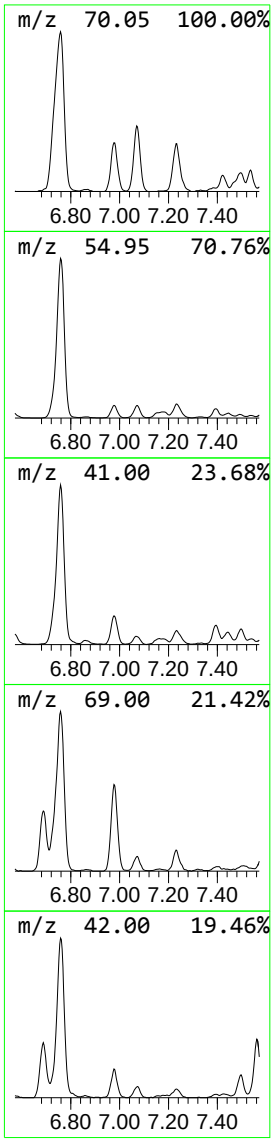
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Cyclic7.070 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.070	1.06 ug/L	108603	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	91
2	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	91
3	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	87
4	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	86
5	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

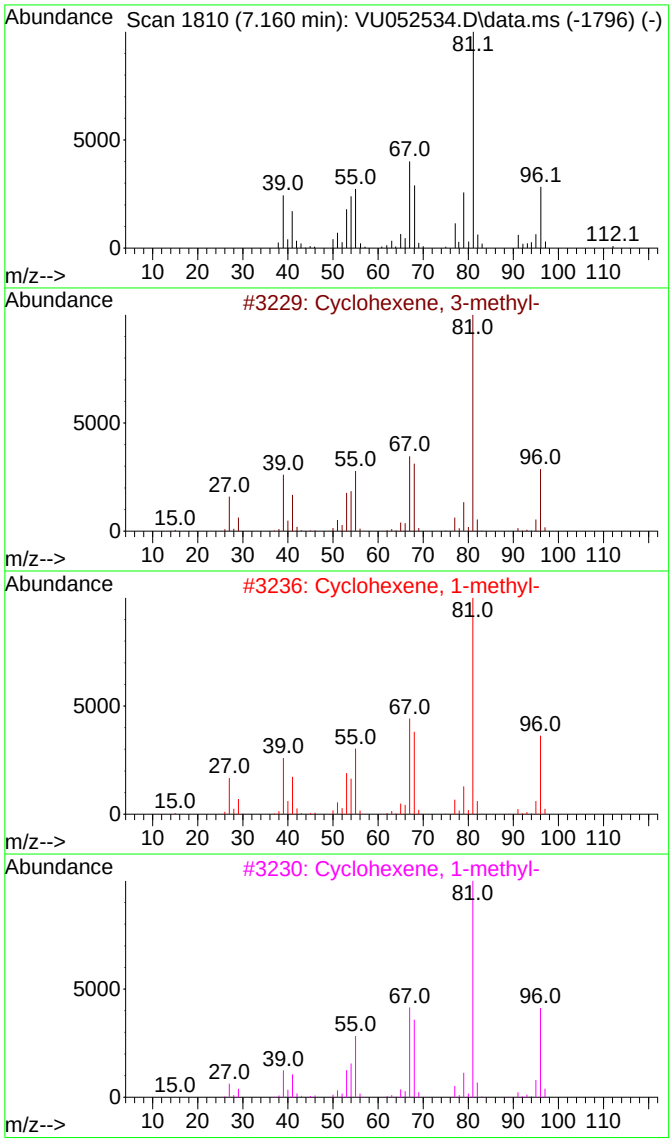
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

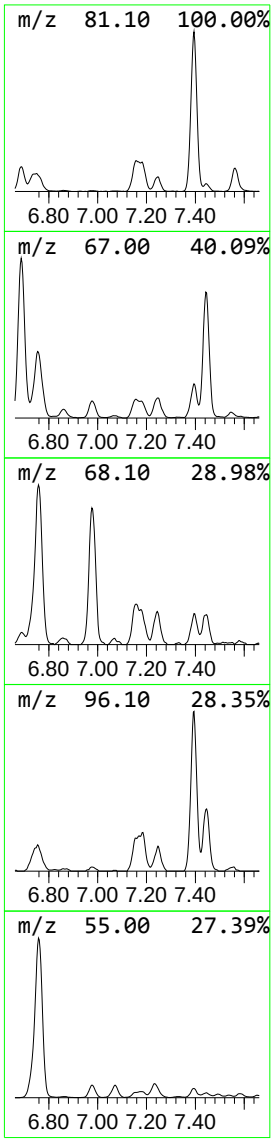
****

Peak Number 25 Cyclohexene, 3-methyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.160	1.27 ug/L	130038	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	95
2	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	90
3	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	87
4	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	87
5	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

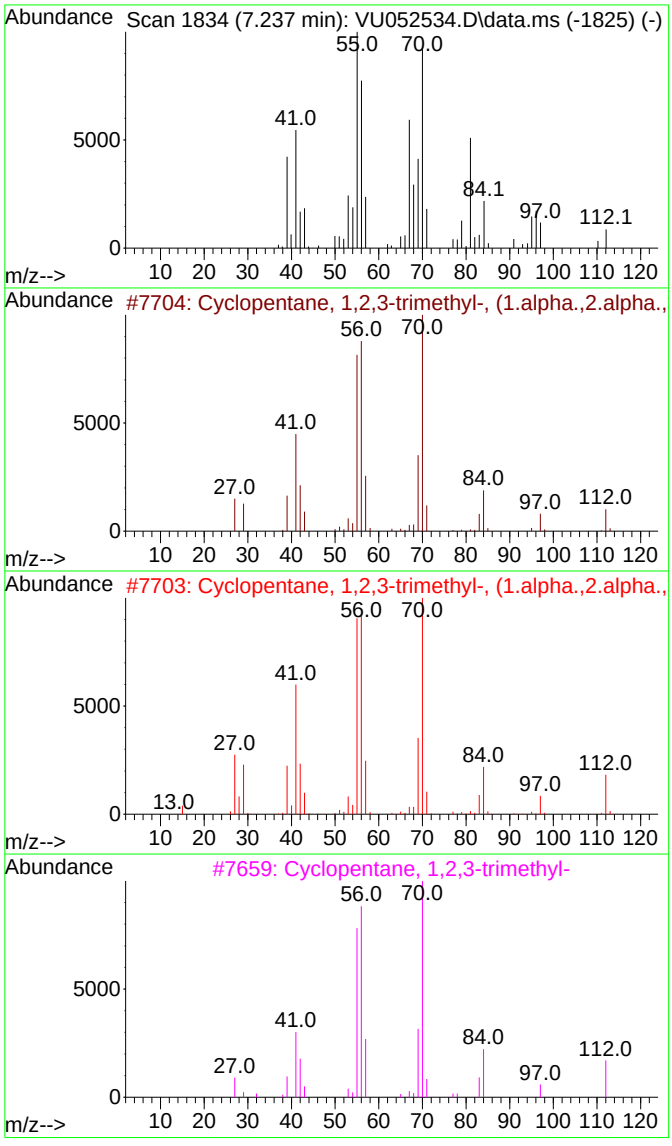
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

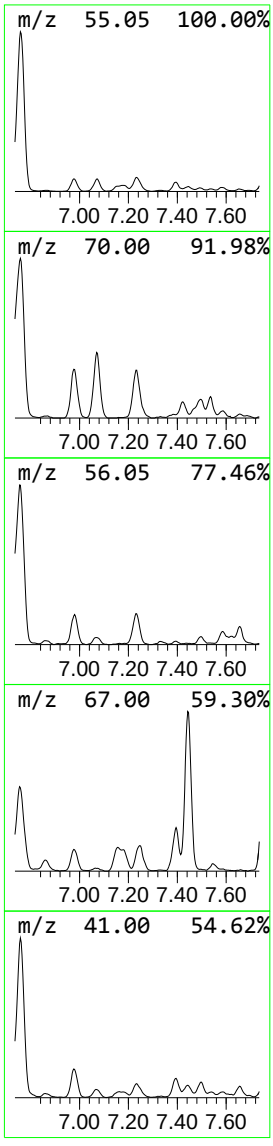
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Cyclic7.237 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.237	2.23 ug/L	229304	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	58
2	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	58
3	Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	47
4	Cyclobutanone, 2,3,3-trimethyl-	112	C7H12O	028290-01-9	47
5	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

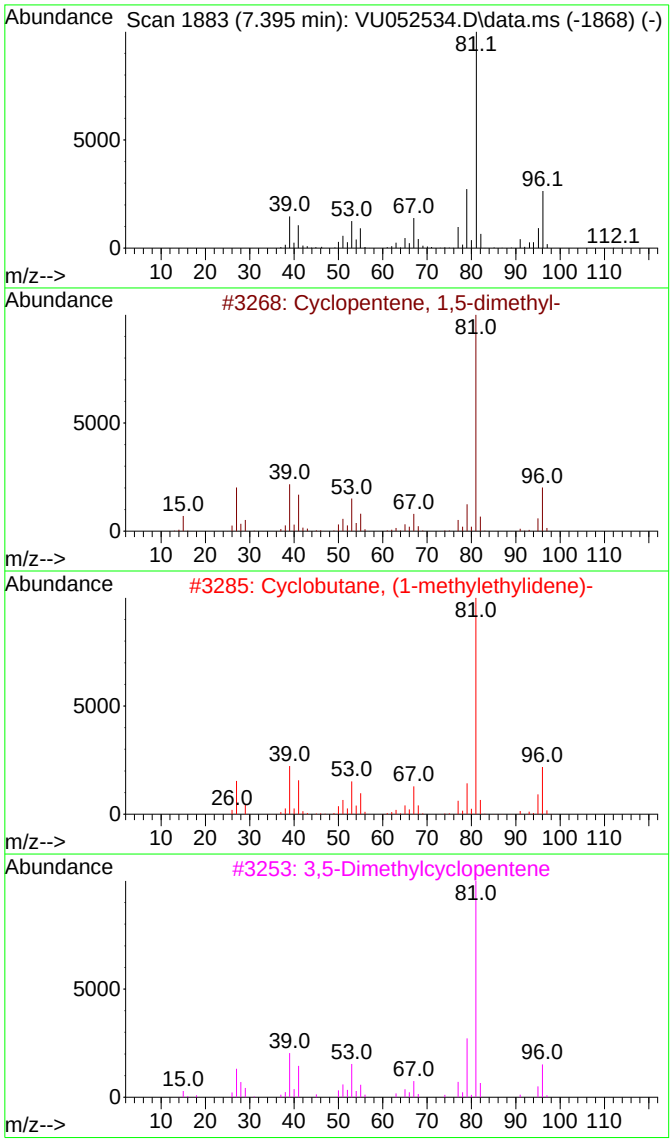
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

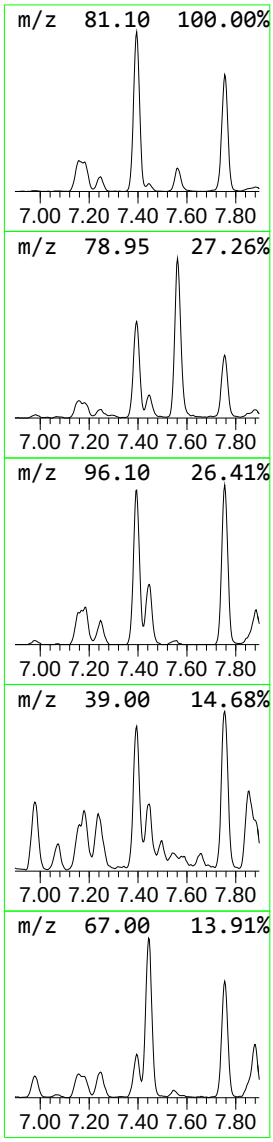
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Cyclobutane, (1-methylethyl... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.395	4.57 ug/L	468987	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	90
2	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	90
3	3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	78
4	2,3-Dimethyl-1,4-pentadiene	96	C7H12	000758-86-1	72
5	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

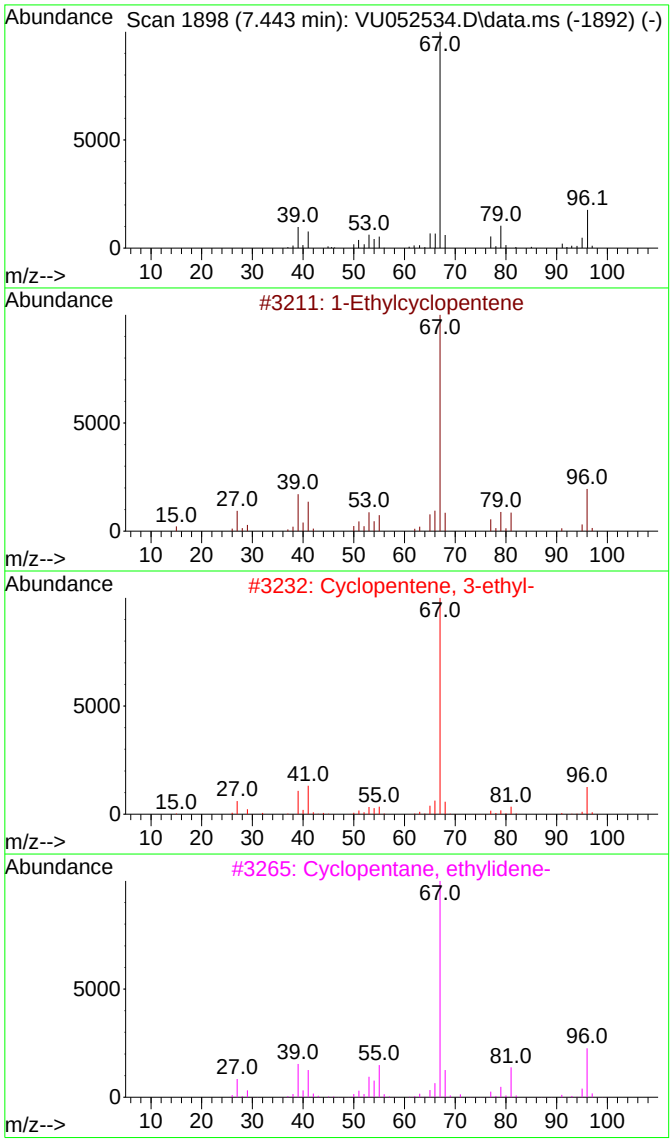
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

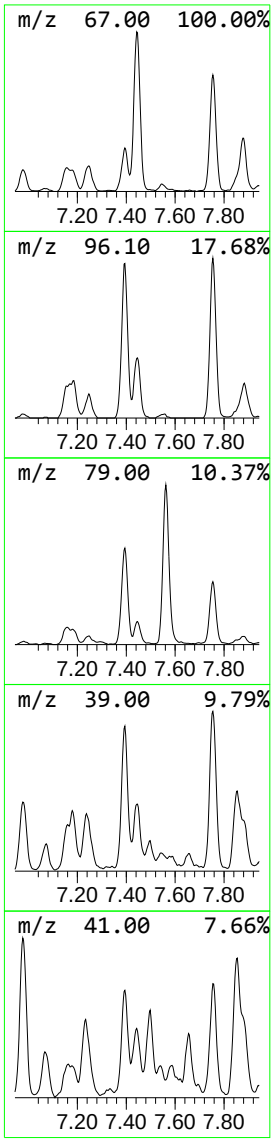
****

Peak Number 28 1-Ethylcyclopentene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.443	2.06 ug/L	211464	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethylcyclopentene	96	C7H12	002146-38-5	90
2	Cyclopentene, 3-ethyl-	96	C7H12	000694-35-9	80
3	Cyclopentane, ethylidene-	96	C7H12	002146-37-4	72
4	Cyclopentene, 3-ethyl-	96	C7H12	000694-35-9	64
5	Cyclopentane, ethylidene-	96	C7H12	002146-37-4	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

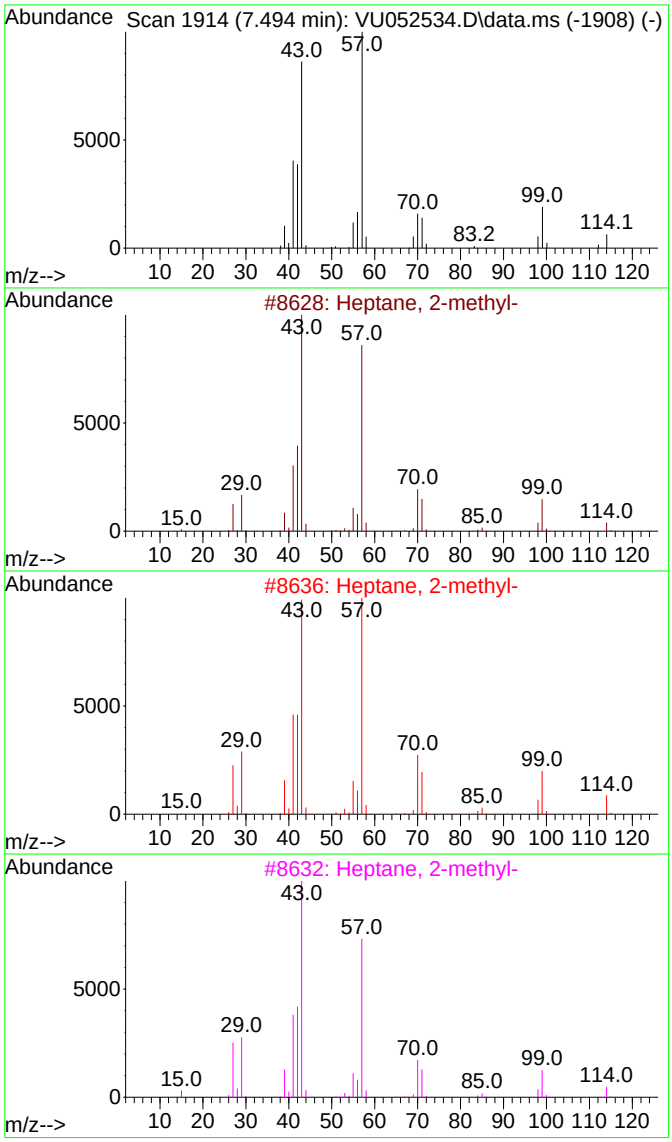
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

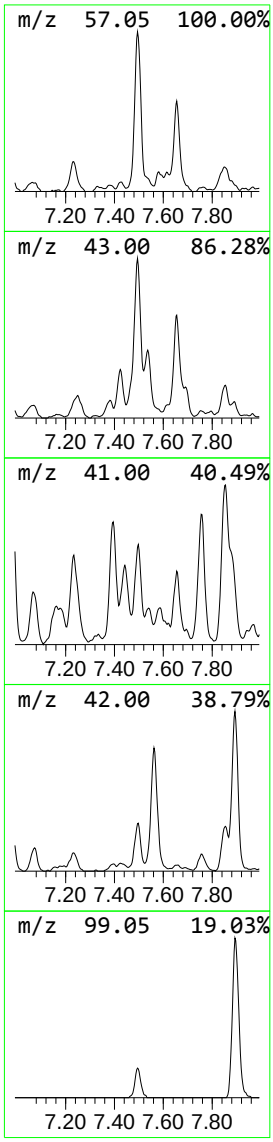
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.494	1.10 ug/L	113274	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	83
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	72
3	Heptane, 2-methyl-	114	C8H18	000592-27-8	72
4	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	64
5	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

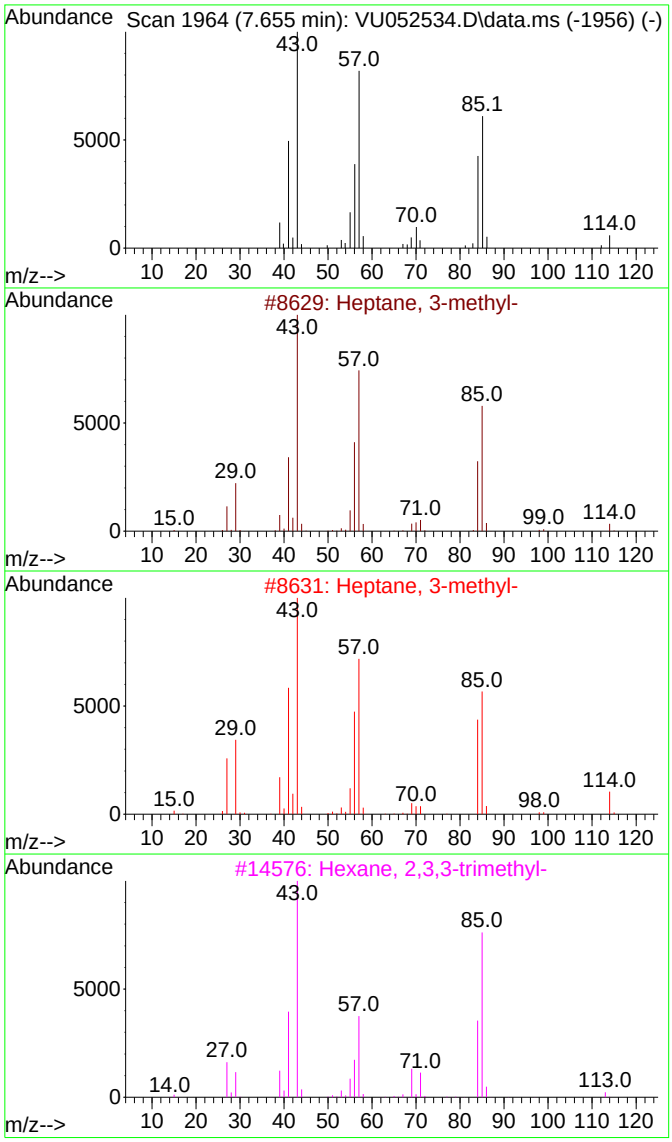
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

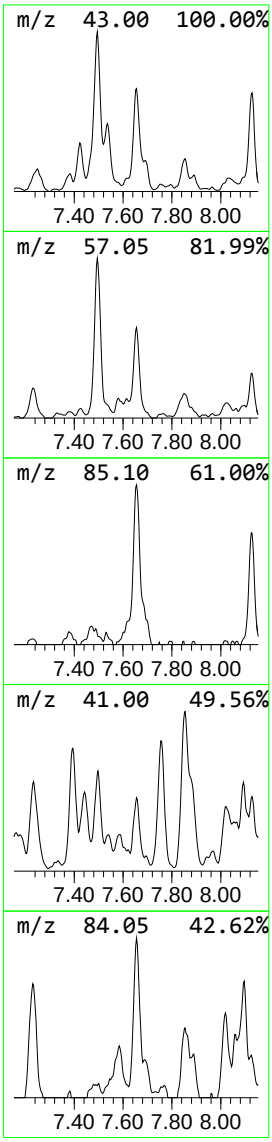
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.655	0.57 ug/L	58873	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	87
2	Heptane, 3-methyl-	114	C8H18	000589-81-1	64
3	Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	59
4	Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	53
5	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

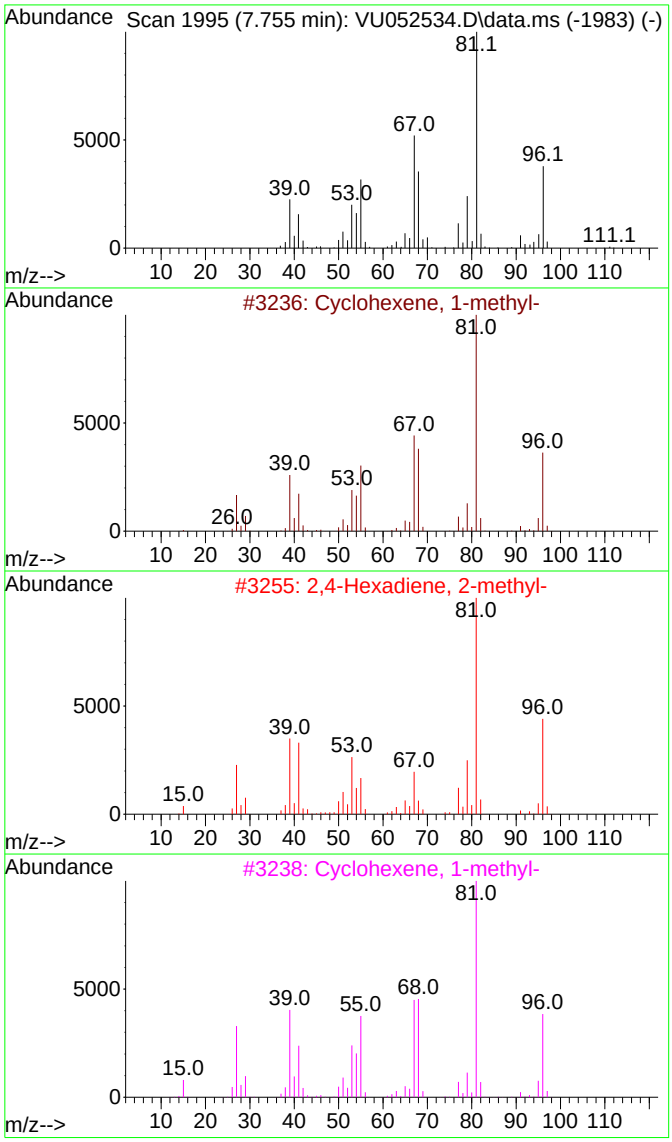
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

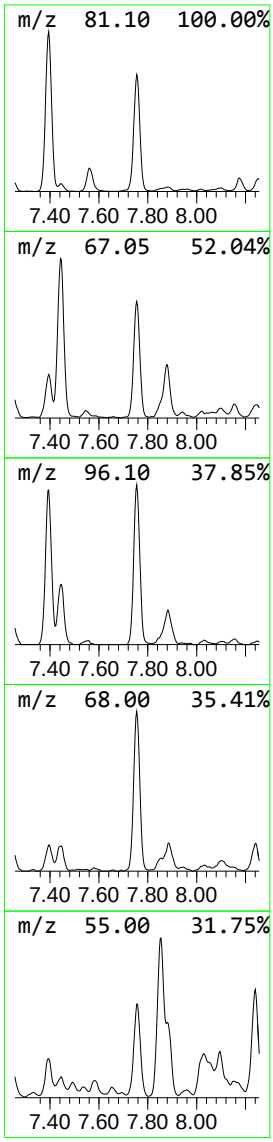
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Cyclohexene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.755	5.13 ug/L	526782	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	95
2	2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	93
3	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	90
4	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	90
5	Cyclohexane, methylene-	96	C7H12	001192-37-6	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

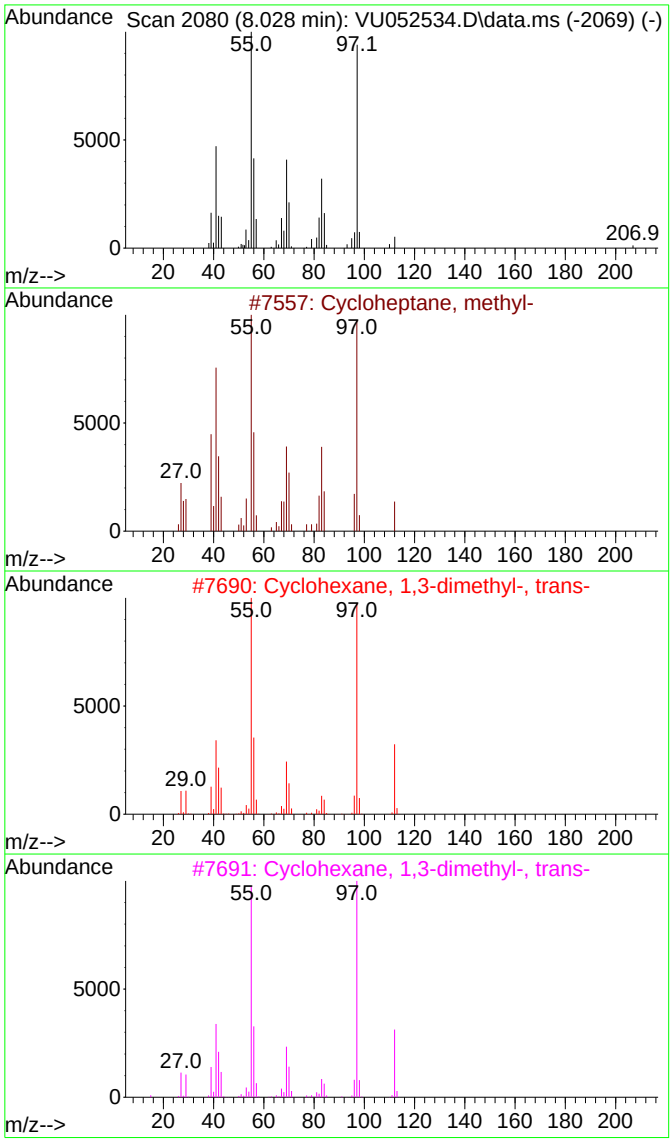
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

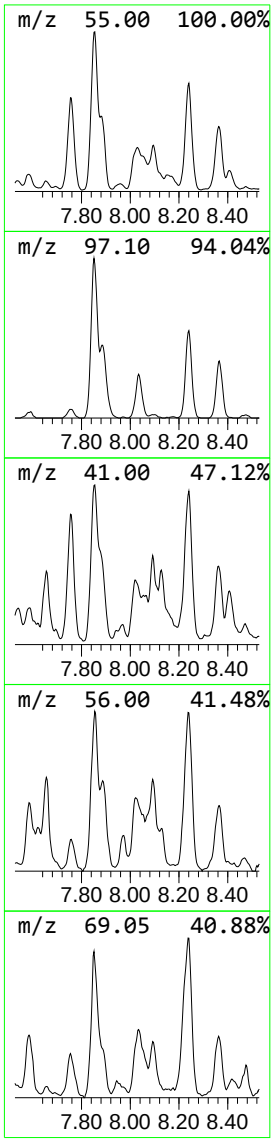
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Cyclic8.028 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.028	0.91 ug/L	110871	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloheptane, methyl-	112	C8H16	004126-78-7	90
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	90
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	87
4	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	68
5	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

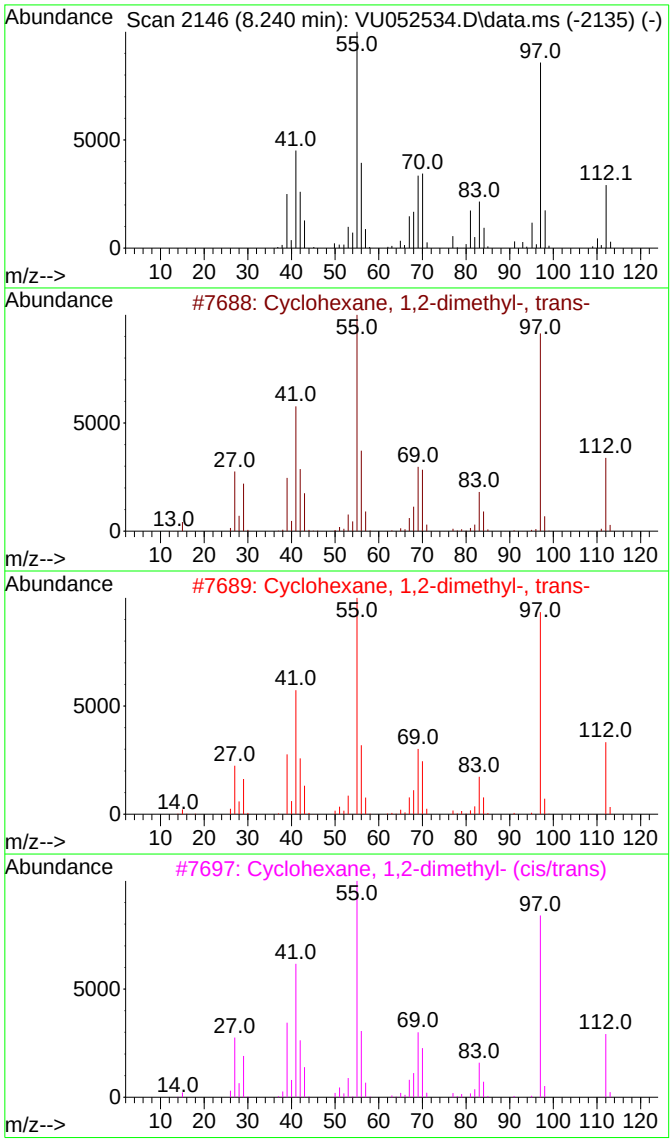
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

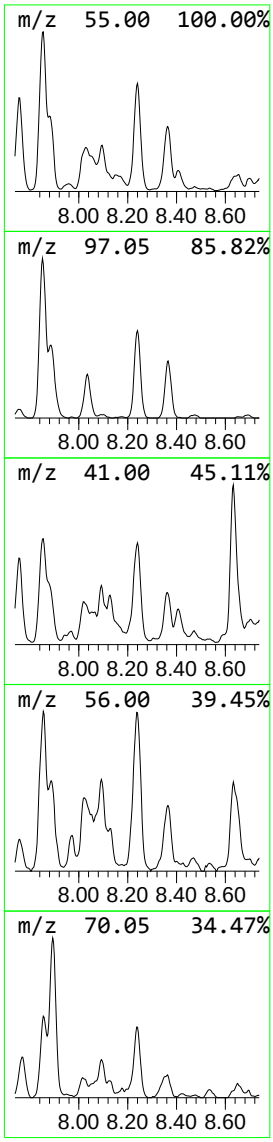
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 (DEL) Alkane: Cyclic8.240 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.240	2.44 ug/L	297286	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	94
2	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	94
3	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	94
4	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	93
5	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

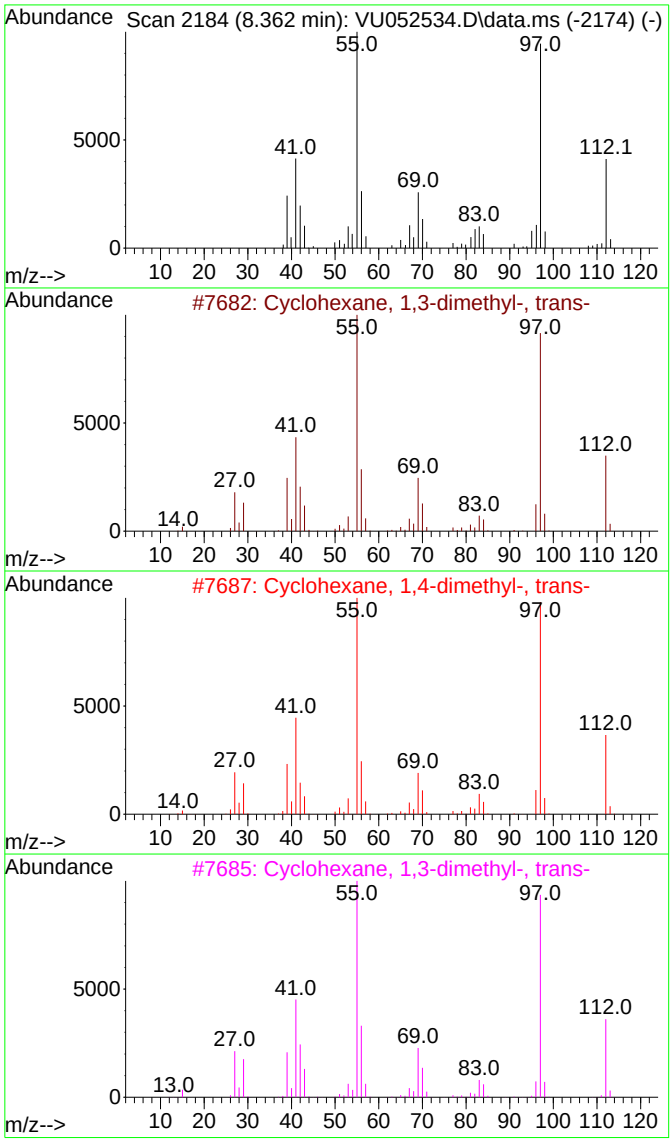
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

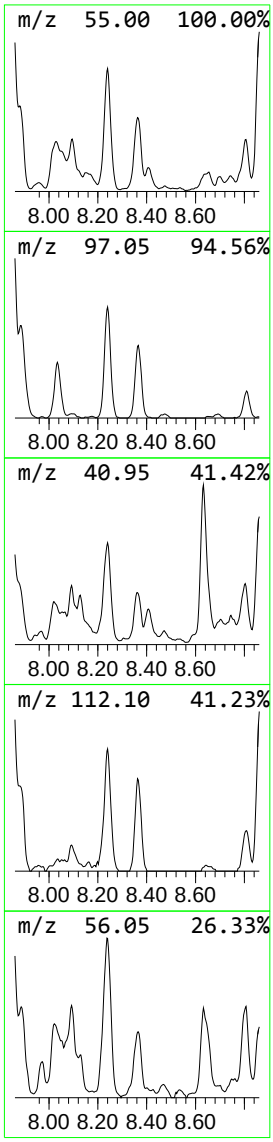
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 (DEL) Alkane: Cyclic8.362 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.362	1.04 ug/L	126939	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	96
2	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	96
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	95
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	94
5	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

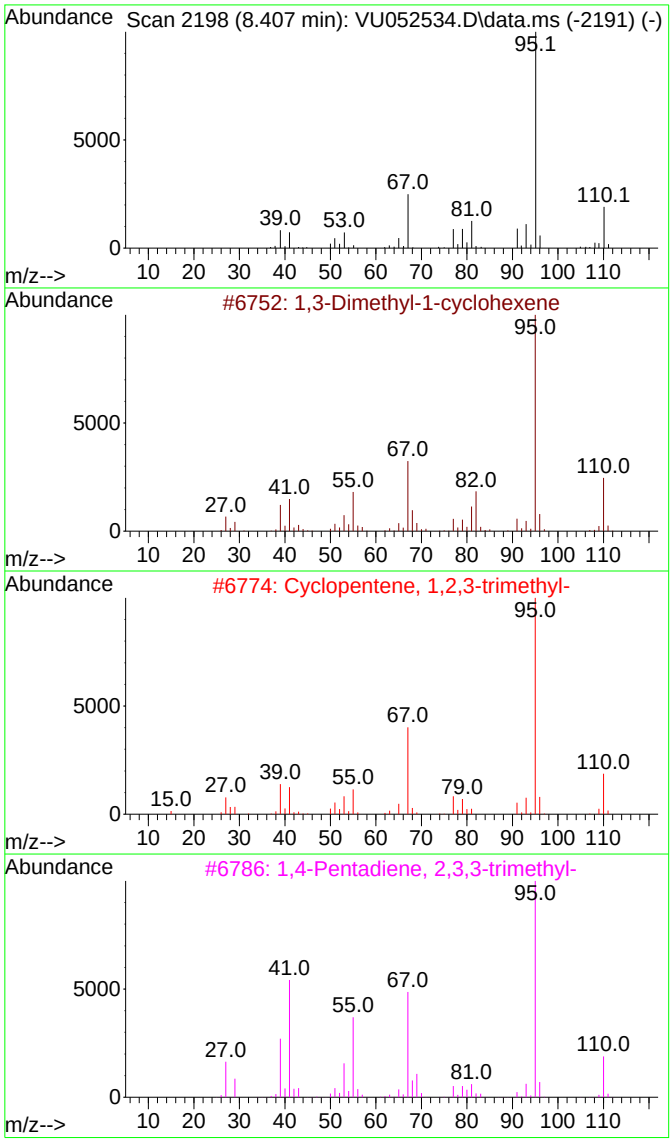
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

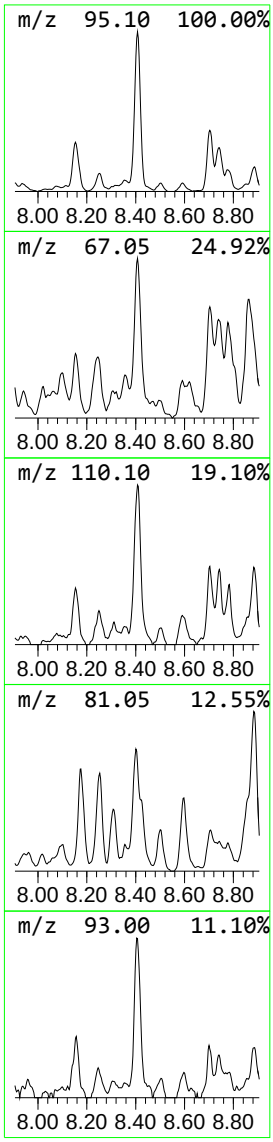
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 1,3-Dimethyl-1-cyclohexene Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.407	1.42 ug/L	173765	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	90
2	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	83
3	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	72
4	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1010142-17-5	72
5	Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

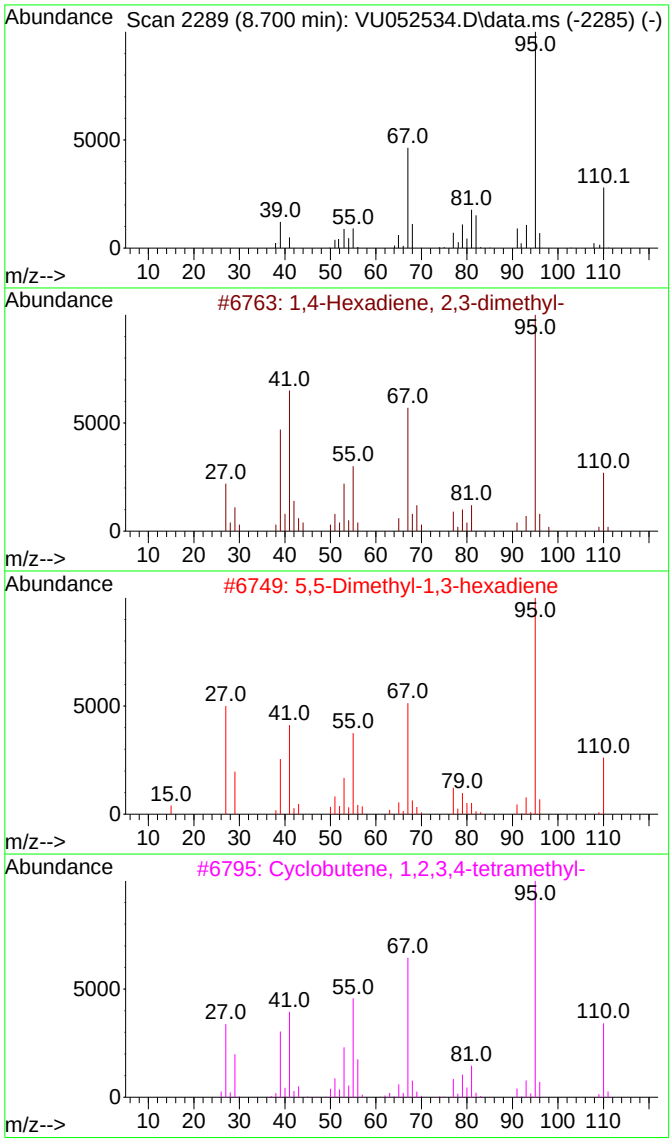
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

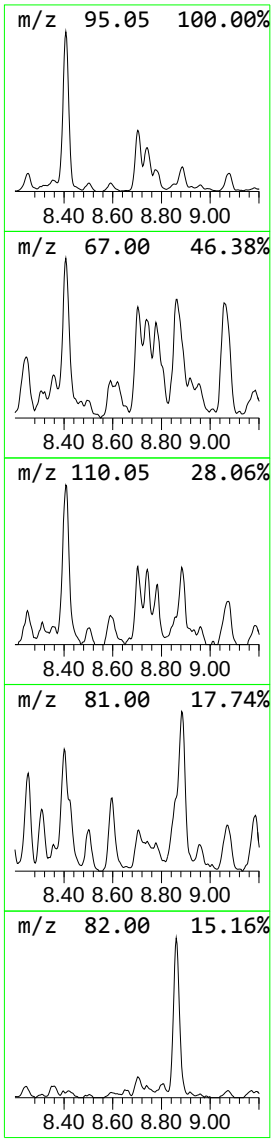
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 1,4-Hexadiene, 2,3-dimethyl- Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.700	0.80 ug/L	98198	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Hexadiene, 2,3-dimethyl-	110	C8H14	018669-52-8	87
2	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	87
3	Cyclobutene, 1,2,3,4-tetramethyl-	110	C8H14	090346-45-5	86
4	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	86
5	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

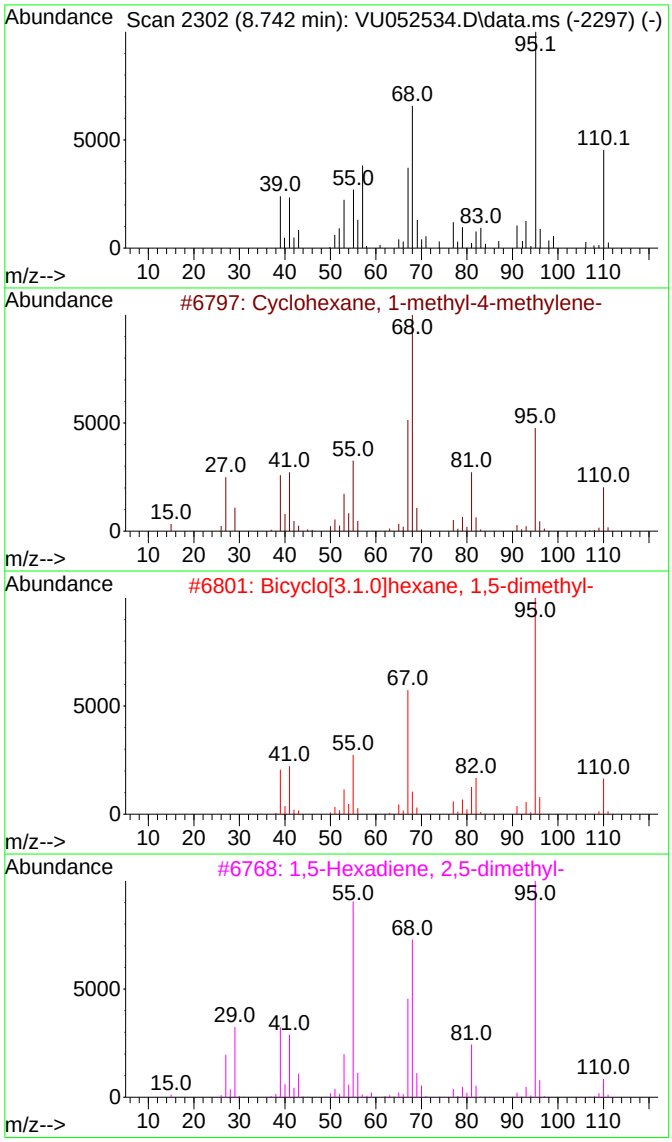
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

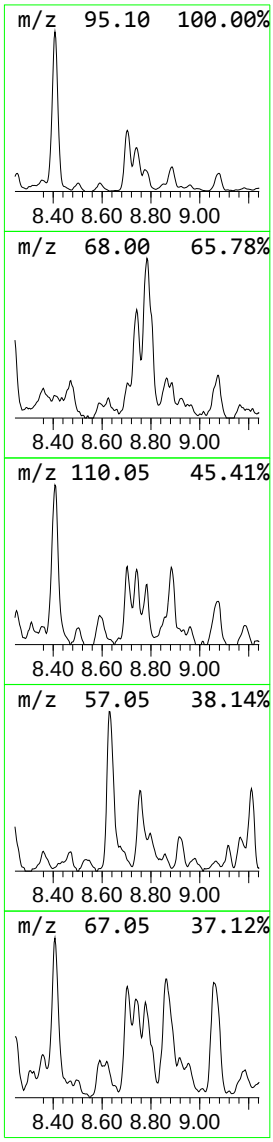
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 Cyclohexane, 1-methyl-4-met... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.742	0.71 ug/L	86932	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-4-methylene-	110	C8H14	002808-80-2	64
2	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1010142-17-5	59
3	1,5-Hexadiene, 2,5-dimethyl-	110	C8H14	000627-58-7	59
4	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	59
5	Cyclopropane, tetramethylmethylene-	110	C8H14	054376-39-5	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

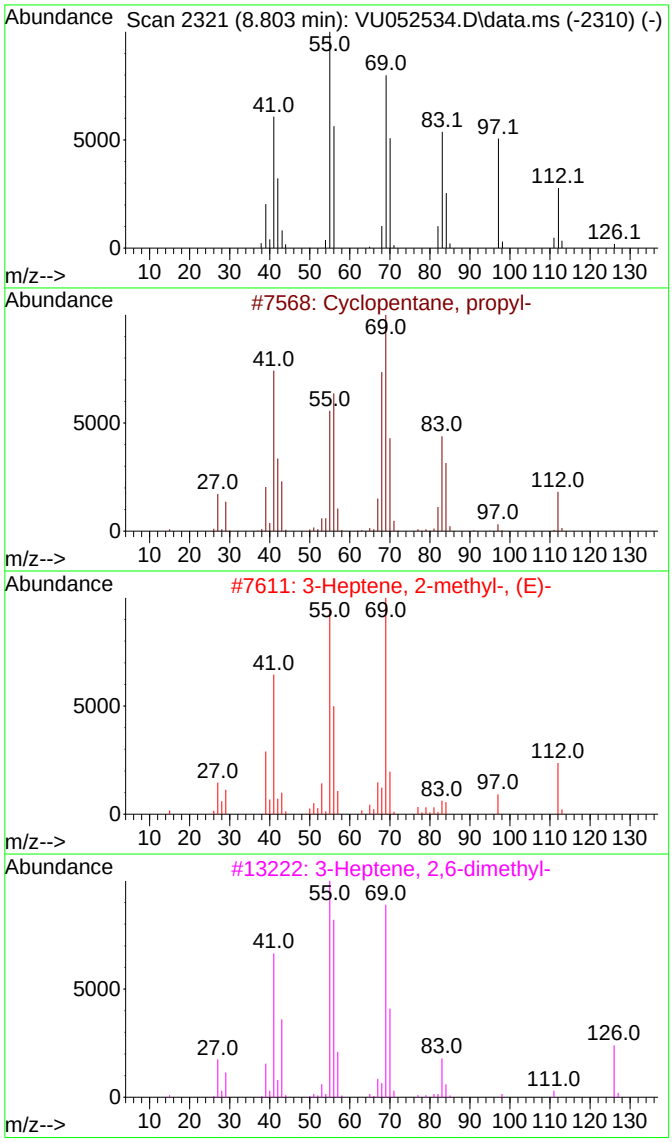
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

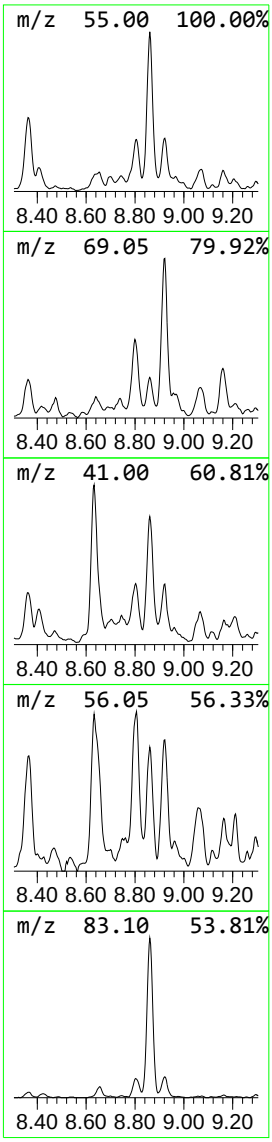
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 (DEL) Alkane: Cyclic8.803 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.803	1.20 ug/L	146169	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, propyl-	112	C8H16	002040-96-2	58
2	3-Heptene, 2-methyl-, (E)-	112	C8H16	000692-96-6	46
3	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	46
4	Cyclooctane	112	C8H16	000292-64-8	45
5	2-Octene	112	C8H16	000111-67-1	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

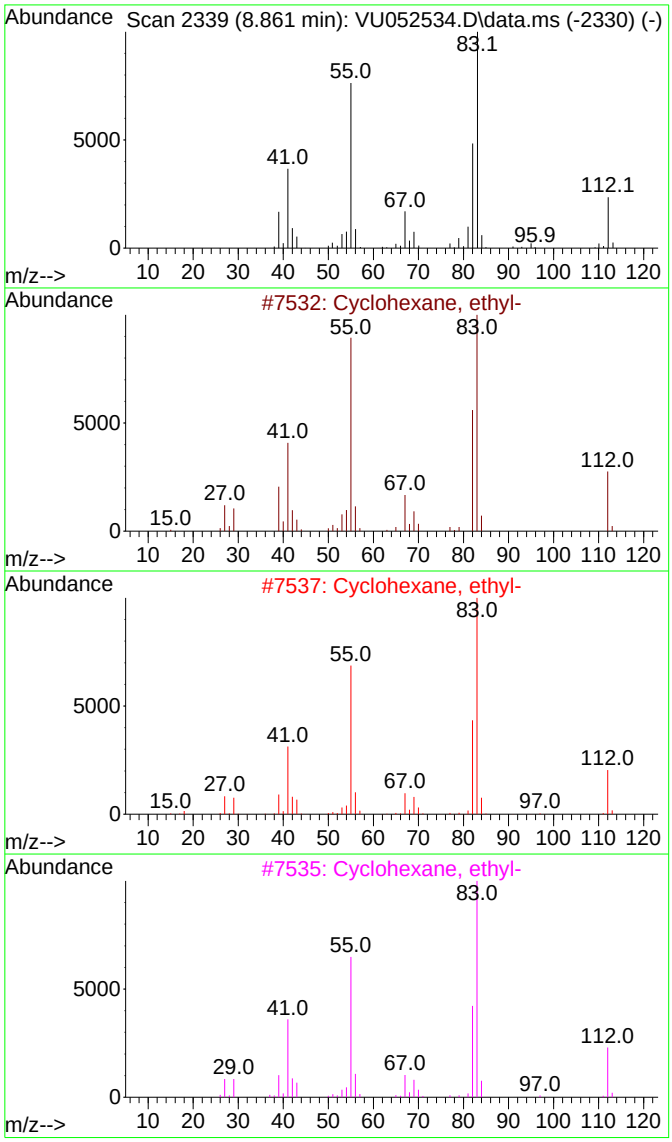
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

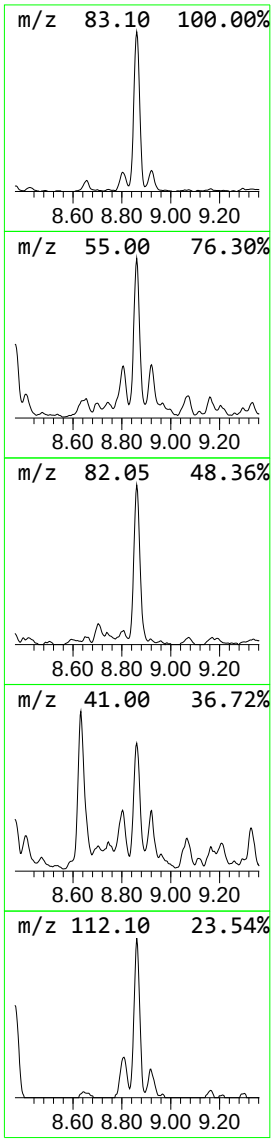
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 (DEL) Alkane: Cyclic8.861 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.861	2.41 ug/L	293630	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	94
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
5	3-Hexene, 2,4-dimethyl-	112	C8H16	082085-14-1	53





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Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

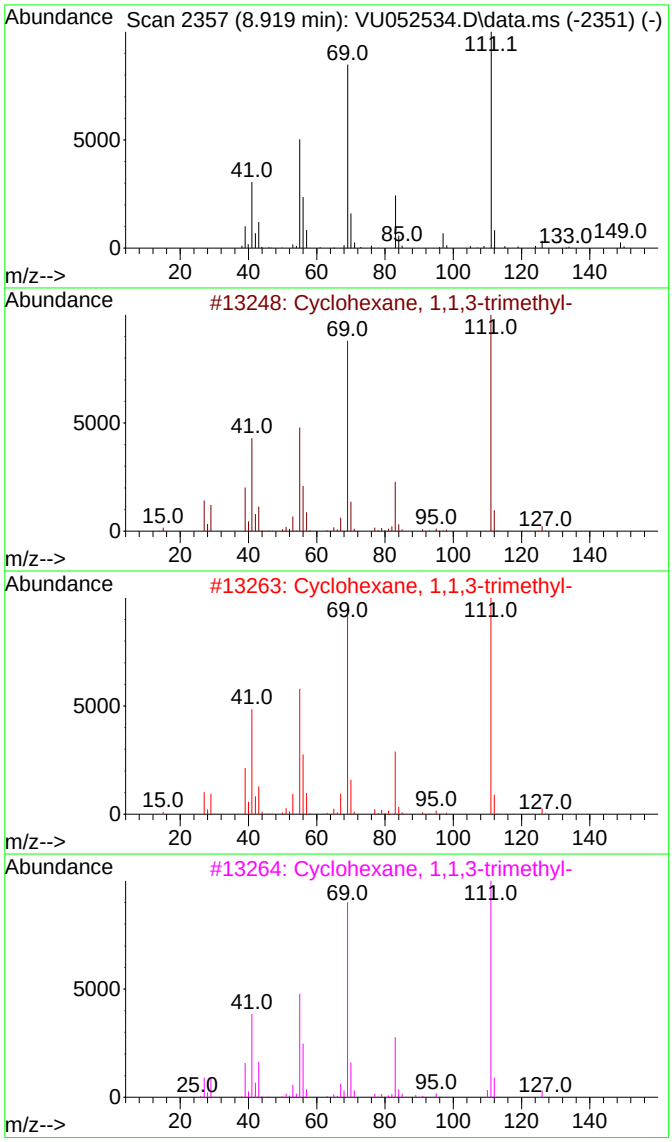
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

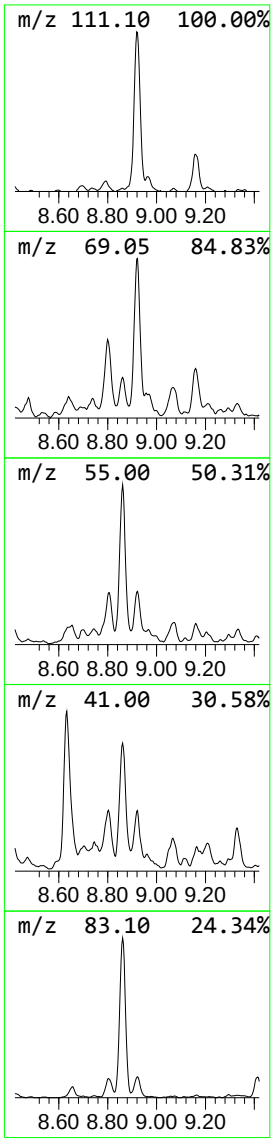
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 (DEL) Alkane: Cyclic8.919 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.919	0.90 ug/L	109816	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	72





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Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

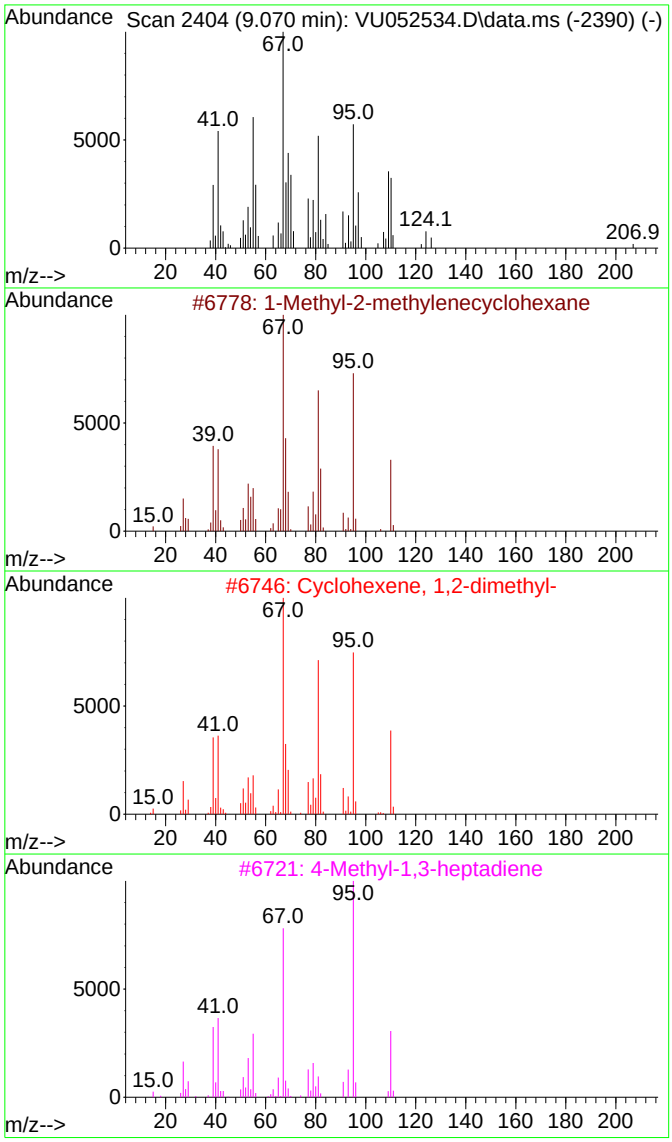
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

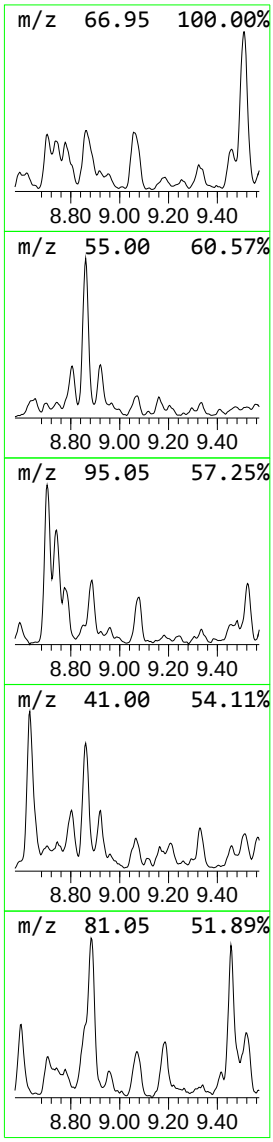
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 1-Methyl-2-methylenecyclohe... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.070	0.98 ug/L	120089	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	60
2	Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	60
3	4-Methyl-1,3-heptadiene	110	C8H14	017603-57-5	55
4	1-Methylcycloheptene	110	C8H14	055308-20-8	53
5	Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	020348-74-7	49





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Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

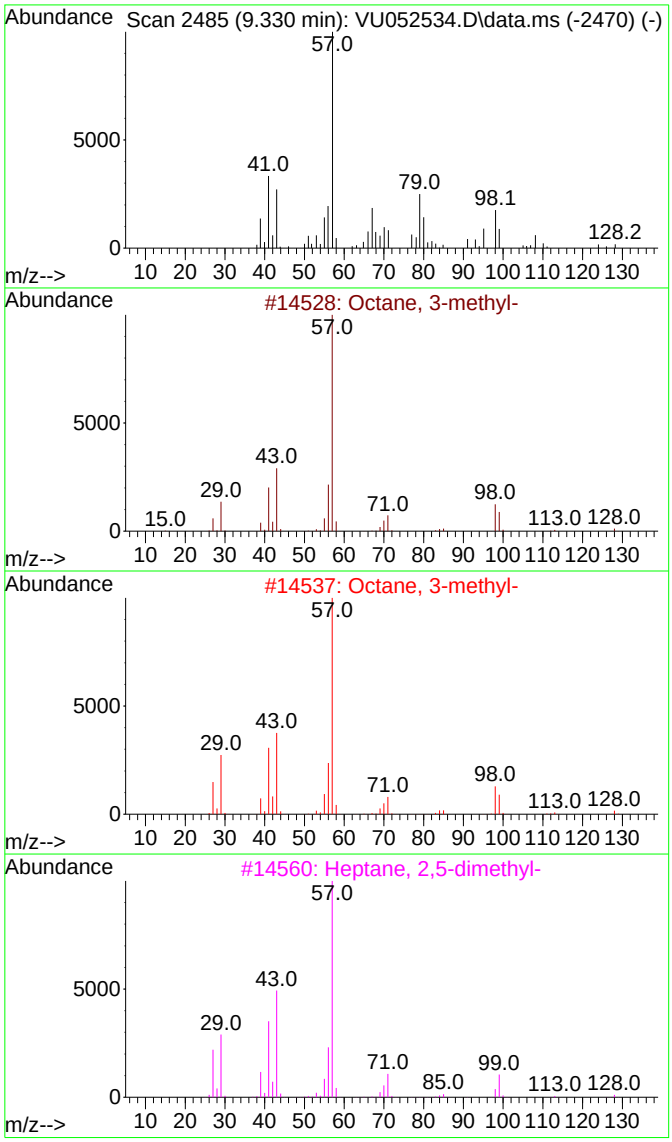
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

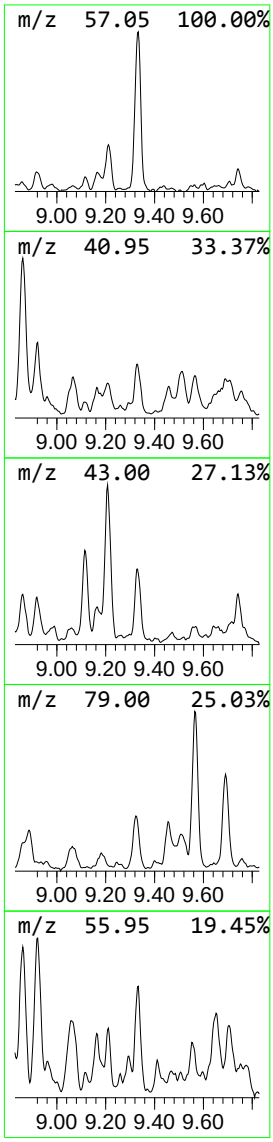
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.330	0.98 ug/L	119214	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	43
2	Octane, 3-methyl-	128	C9H20	002216-33-3	43
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	38
4	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	37
5	Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

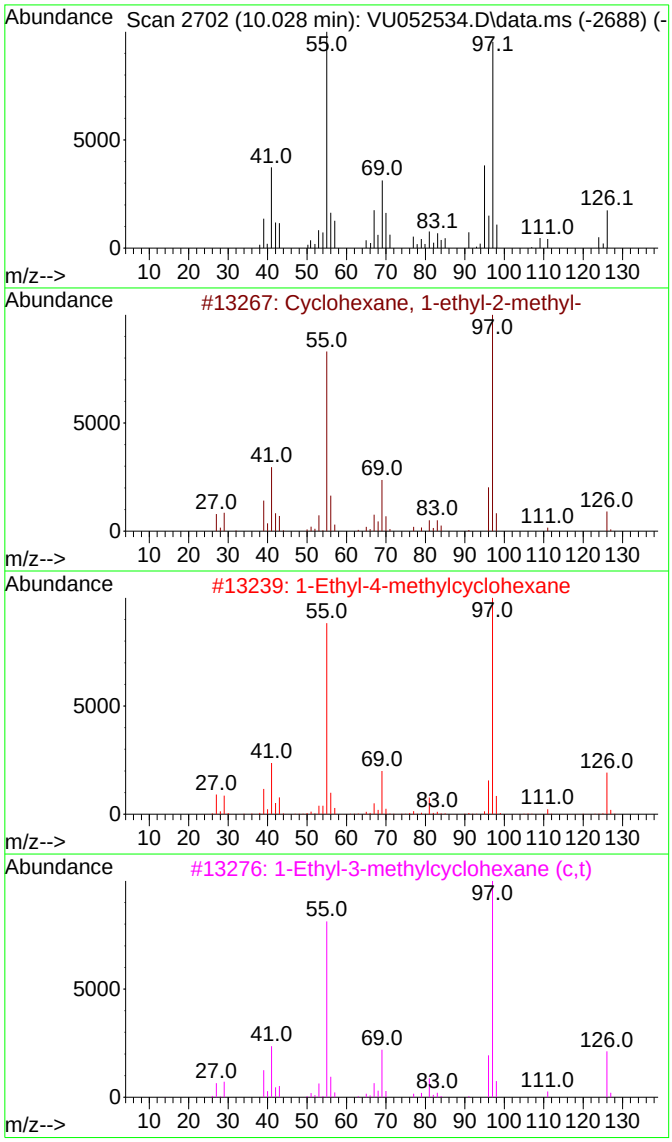
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

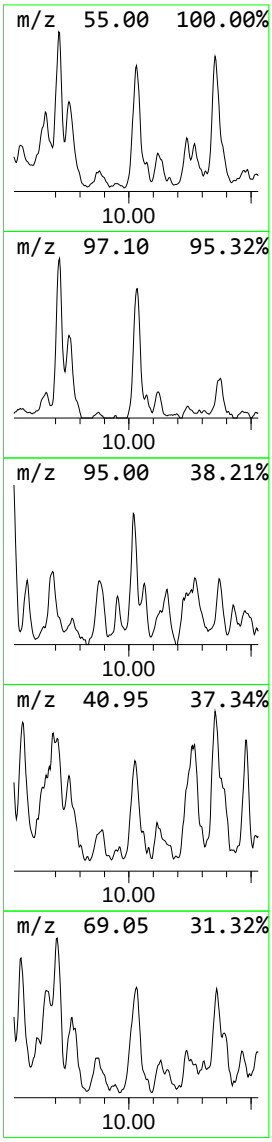
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 (DEL) Alkane: Cyclic10.028 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.028	0.85 ug/L	104201	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	64
2	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	58
3	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	52
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	52
5	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

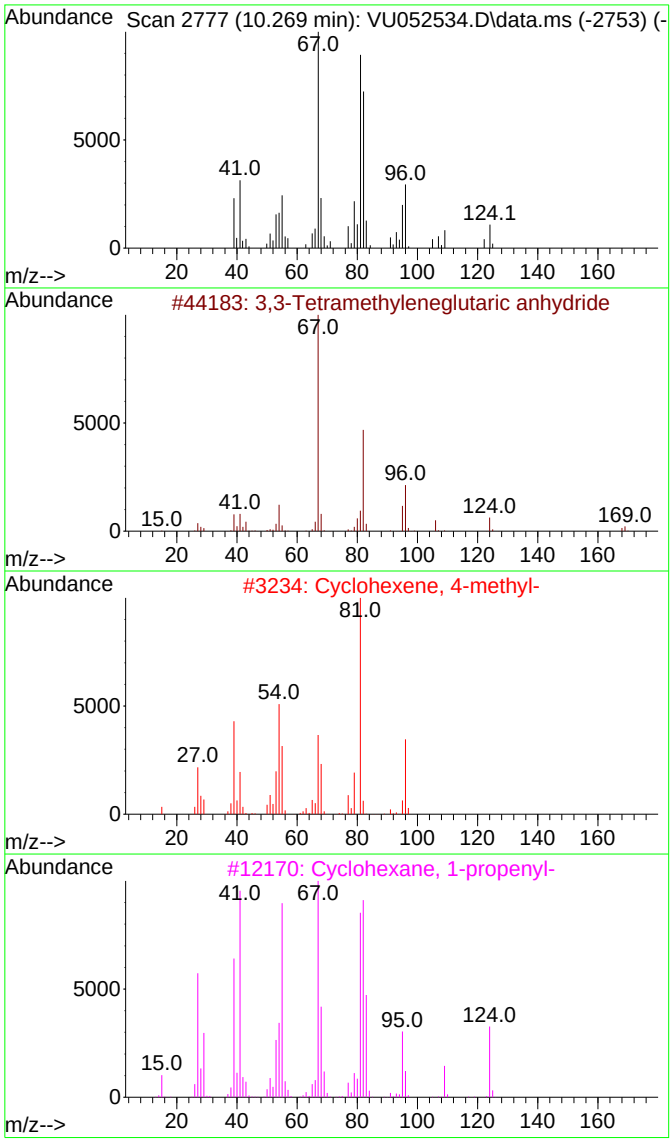
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

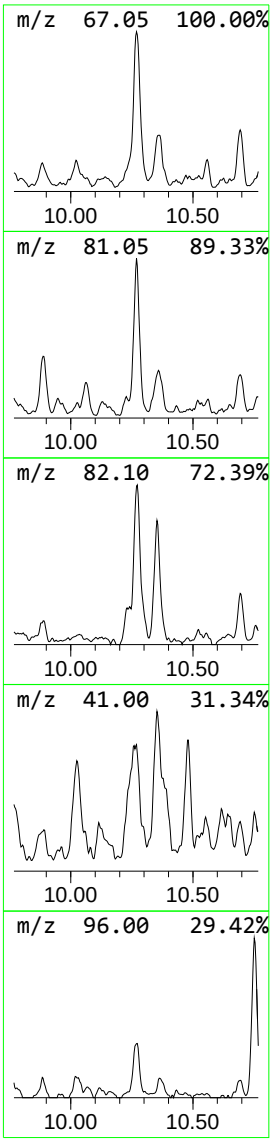
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 3,3-Tetramethyleneglutaric ... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.269	1.47 ug/L	179409	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3-Tetramethyleneglutaric anhyd...	168	C9H12O3	005662-95-3	50
2	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	46
3	Cyclohexane, 1-propenyl-	124	C9H16	005364-83-0	43
4	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	43
5	Pentalene, octahydro-1-methyl-	124	C9H16	032273-77-1	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

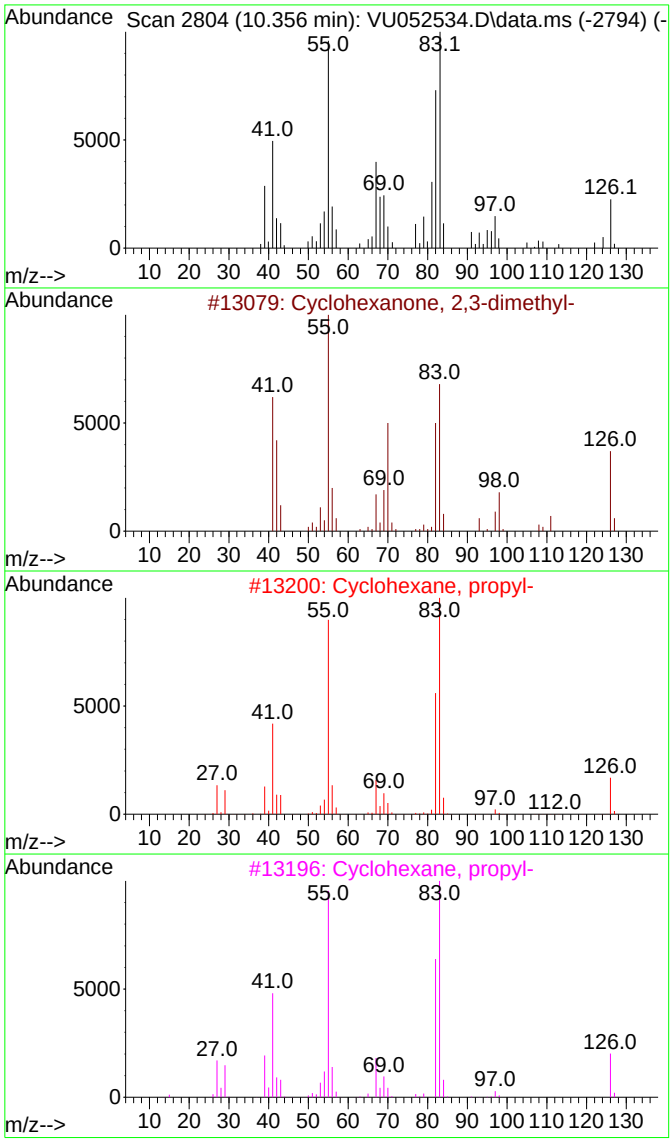
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

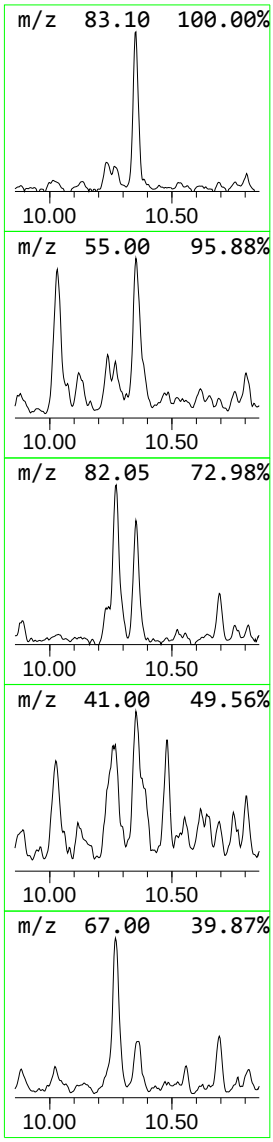
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 Cyclohexanone, 2,3-dimethyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.356	1.13 ug/L	137919	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	74
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	58
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

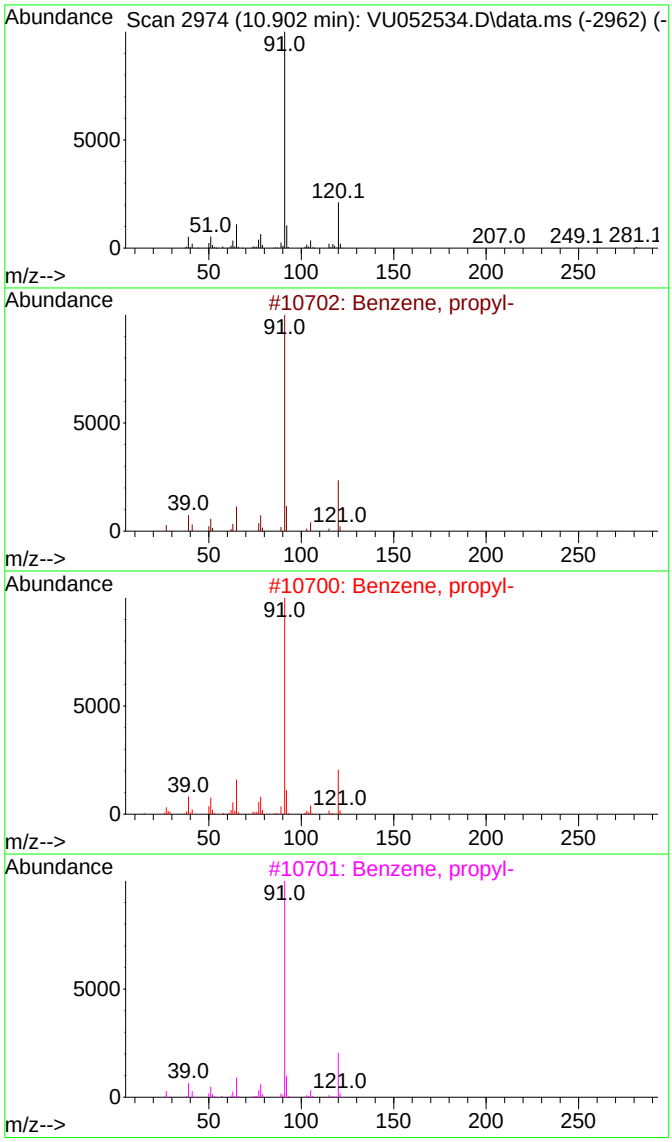
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

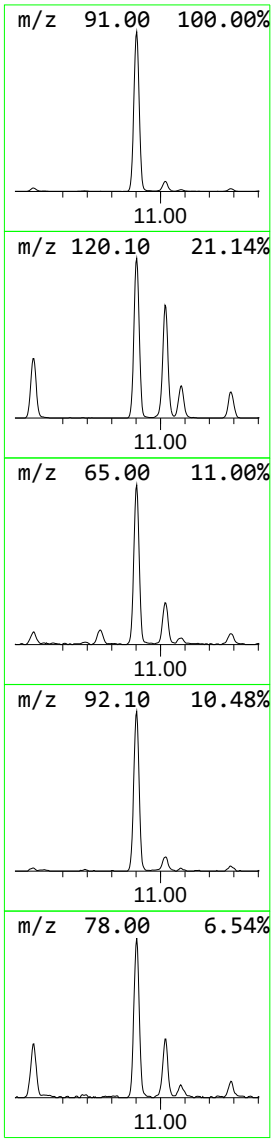
****

Peak Number 49 Benzene, propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.903	5.76 ug/L	811760	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	93
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	Benzene, propyl-	120	C9H12	000103-65-1	80
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

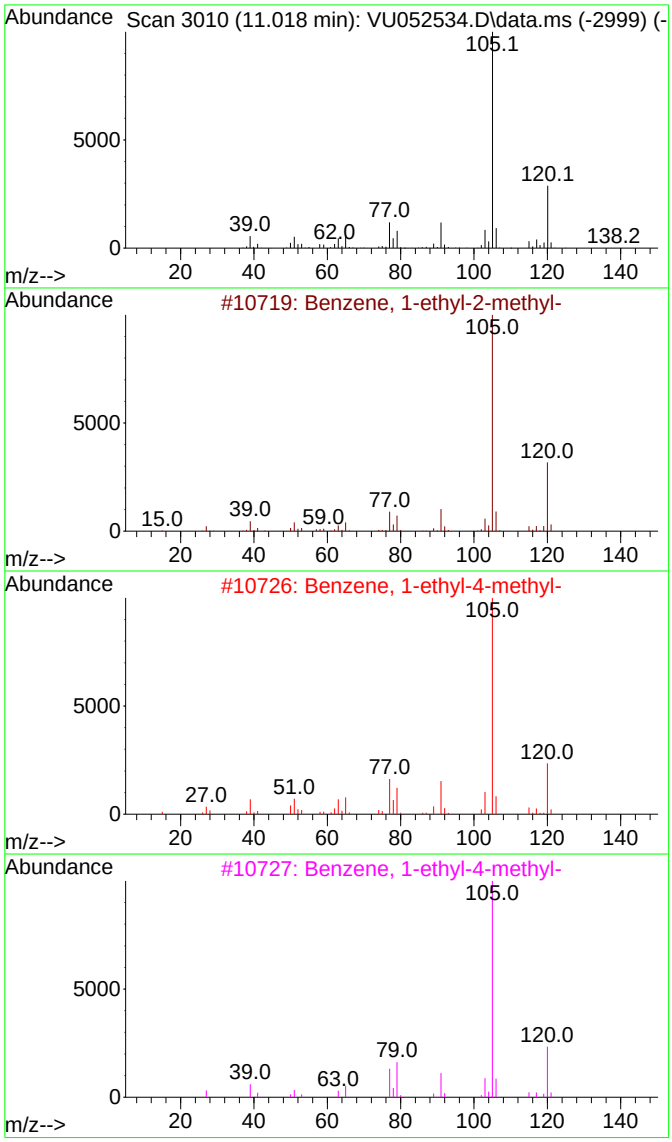
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

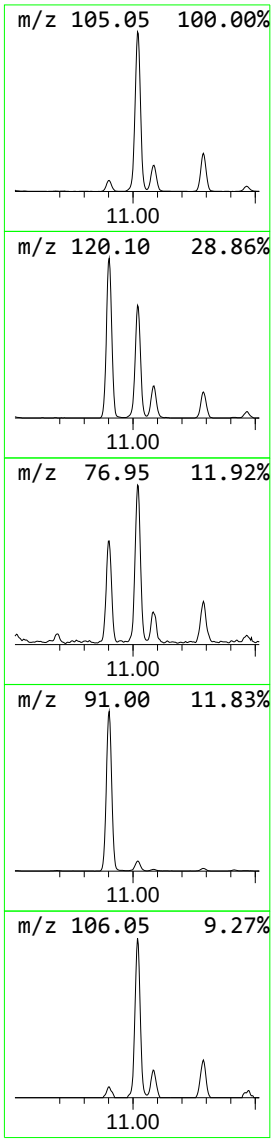
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 Benzene, 1-ethyl-2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.018	3.63 ug/L	511167	1,4-Dichlorobenzene-d4	11.809

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

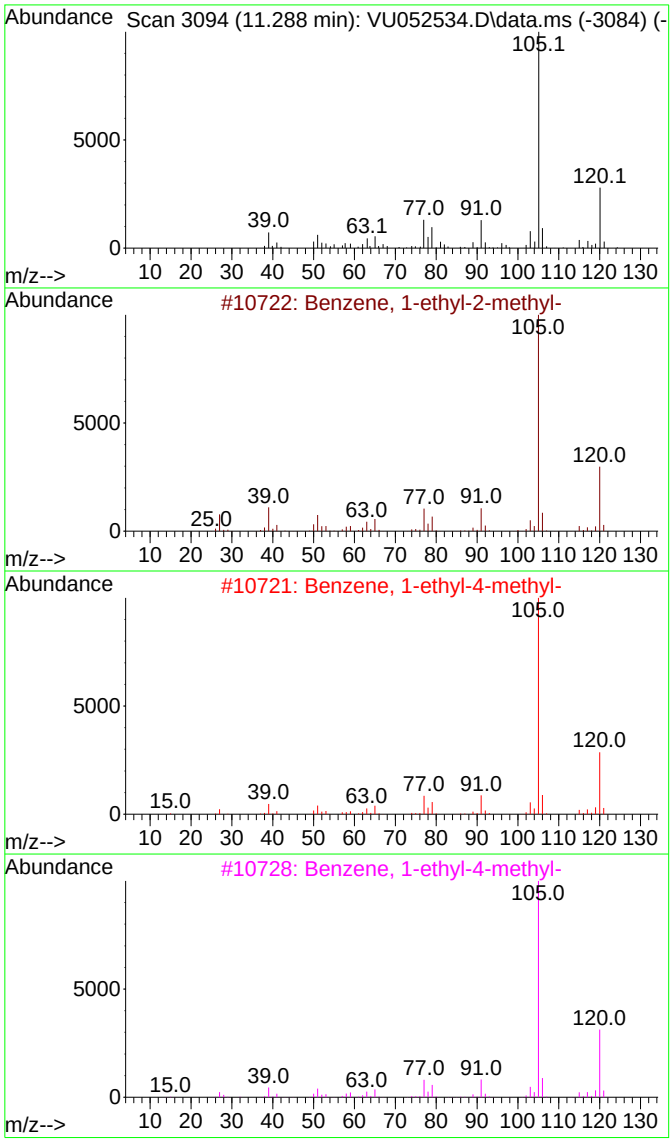
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

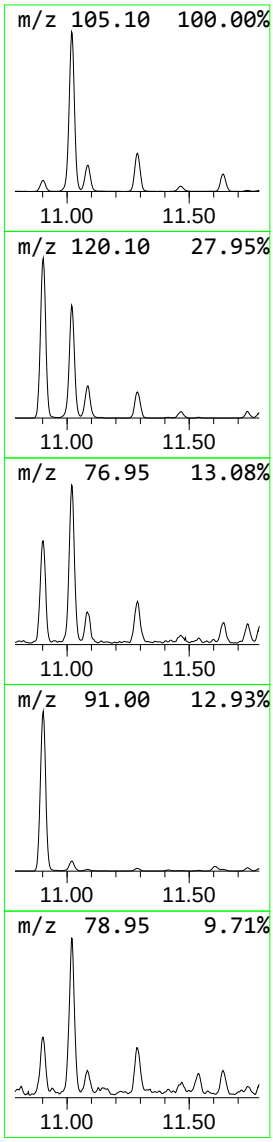
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 Benzene, 1-ethyl-4-methyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.288	1.11 ug/L	156907	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

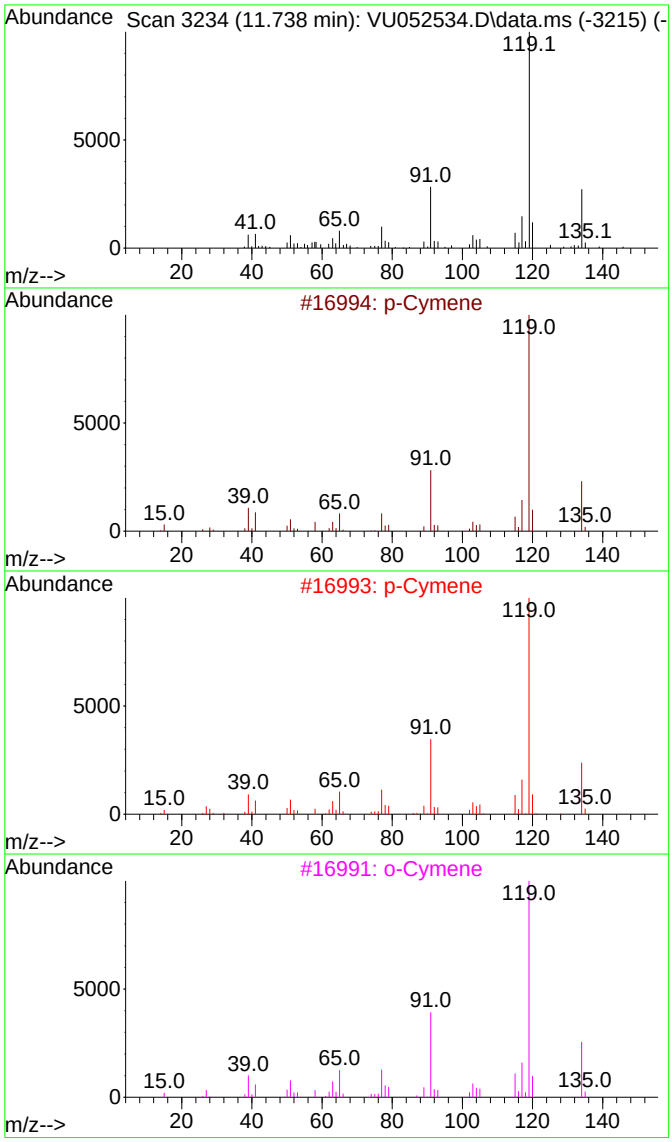
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

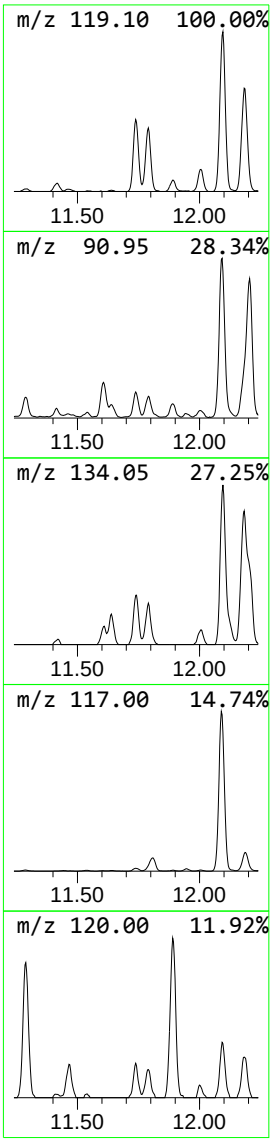
****

Peak Number 52 p-Cymene Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.739	0.80 ug/L	113119	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	97
2	p-Cymene	134	C10H14	000099-87-6	97
3	o-Cymene	134	C10H14	000527-84-4	96
4	p-Cymene	134	C10H14	000099-87-6	94
5	o-Cymene	134	C10H14	000527-84-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

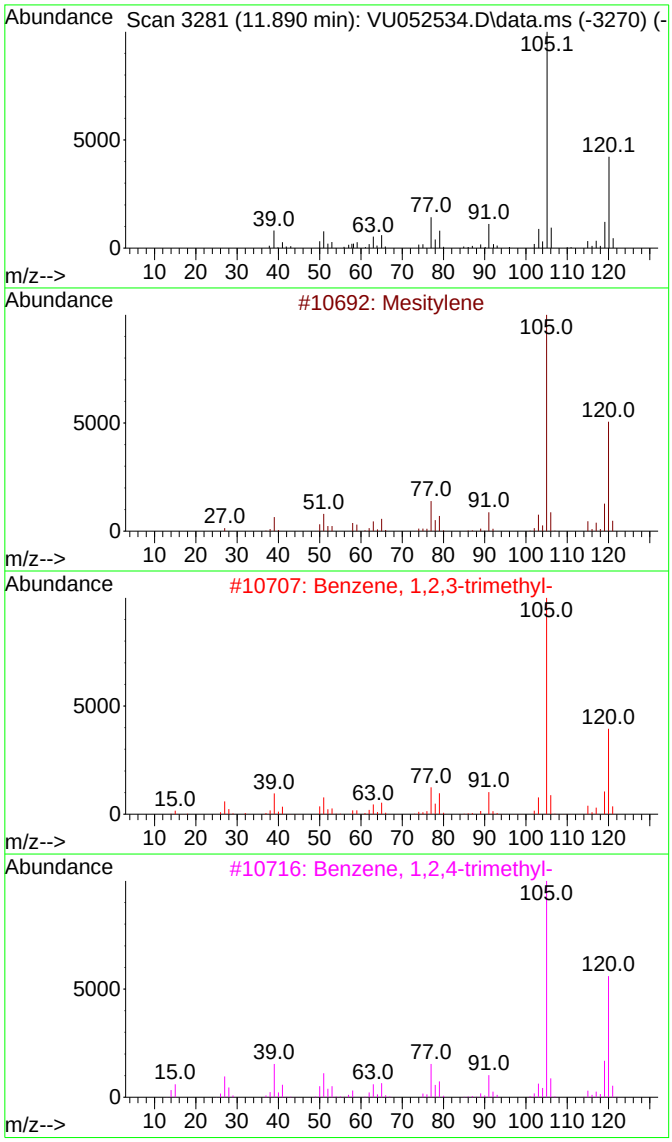
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

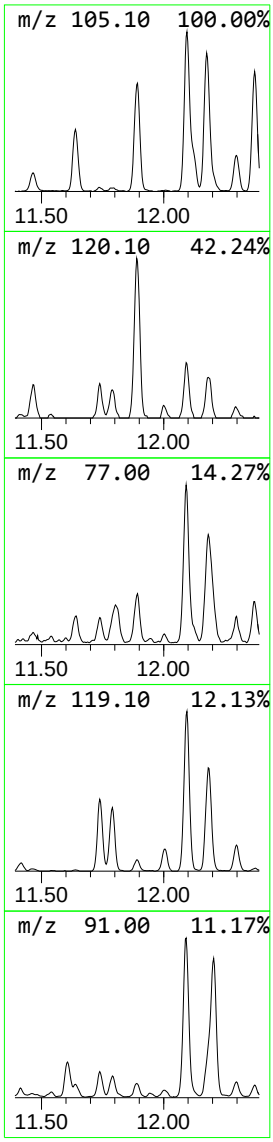
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 Benzene, 1,2,3-trimethyl- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.890	0.97 ug/L	136372	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

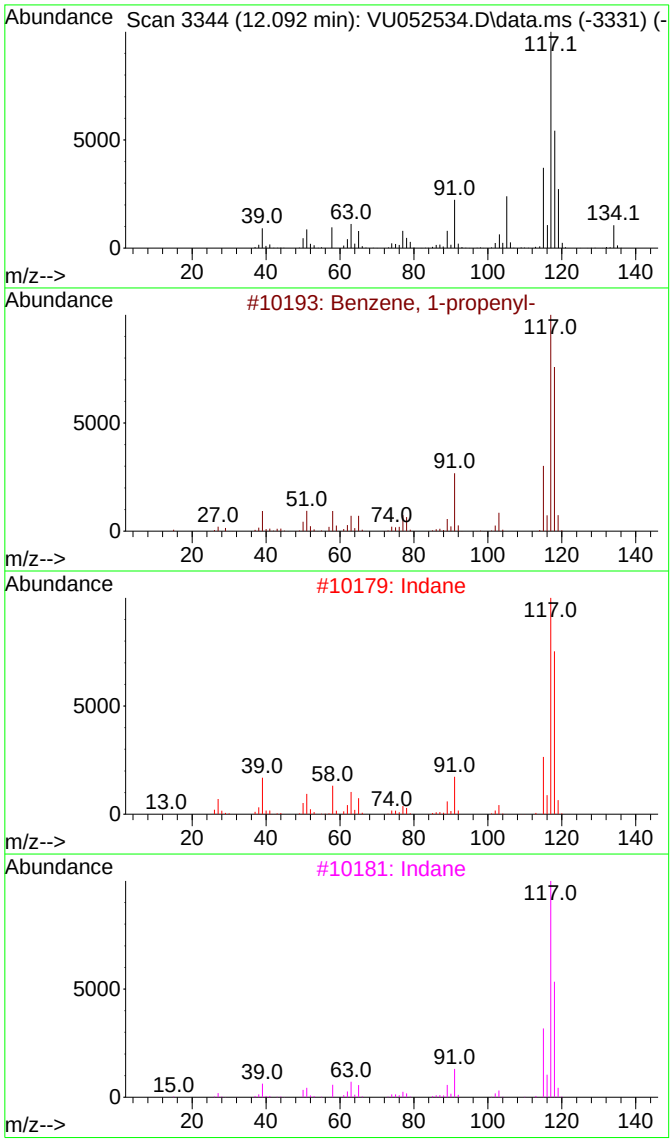
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

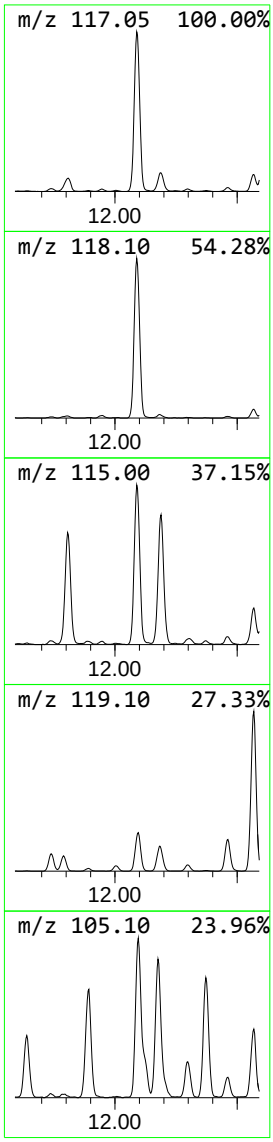
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 Benzene, 1-propenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.092	7.37 ug/L	1038640	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	92
2	Indane	118	C9H10	000496-11-7	70
3	Indane	118	C9H10	000496-11-7	70
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64





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Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

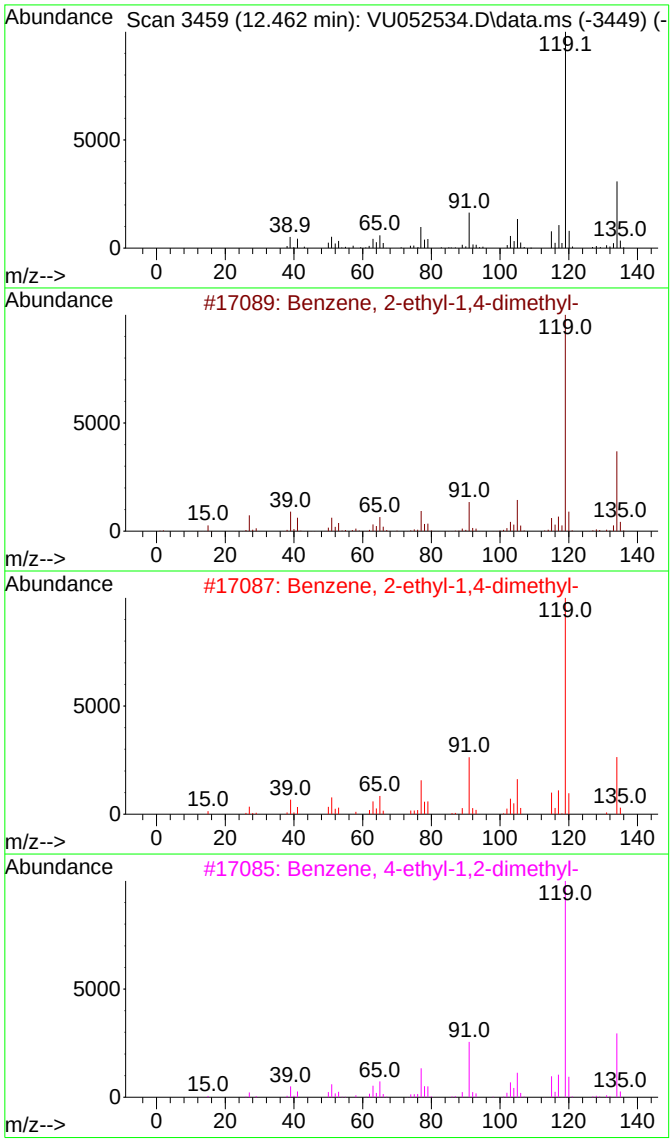
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

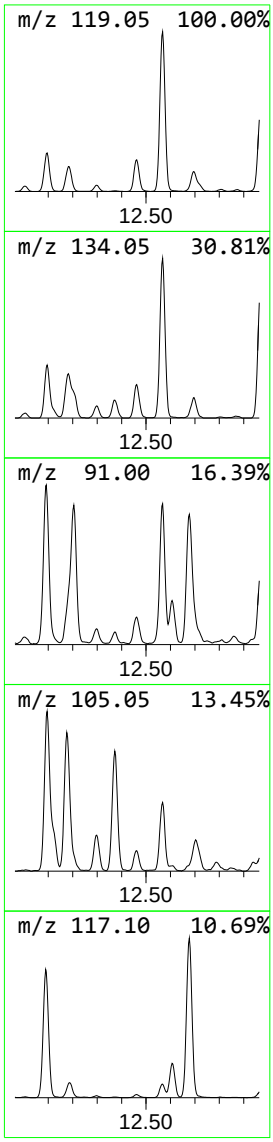
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 57 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.462	1.09 ug/L	153290	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

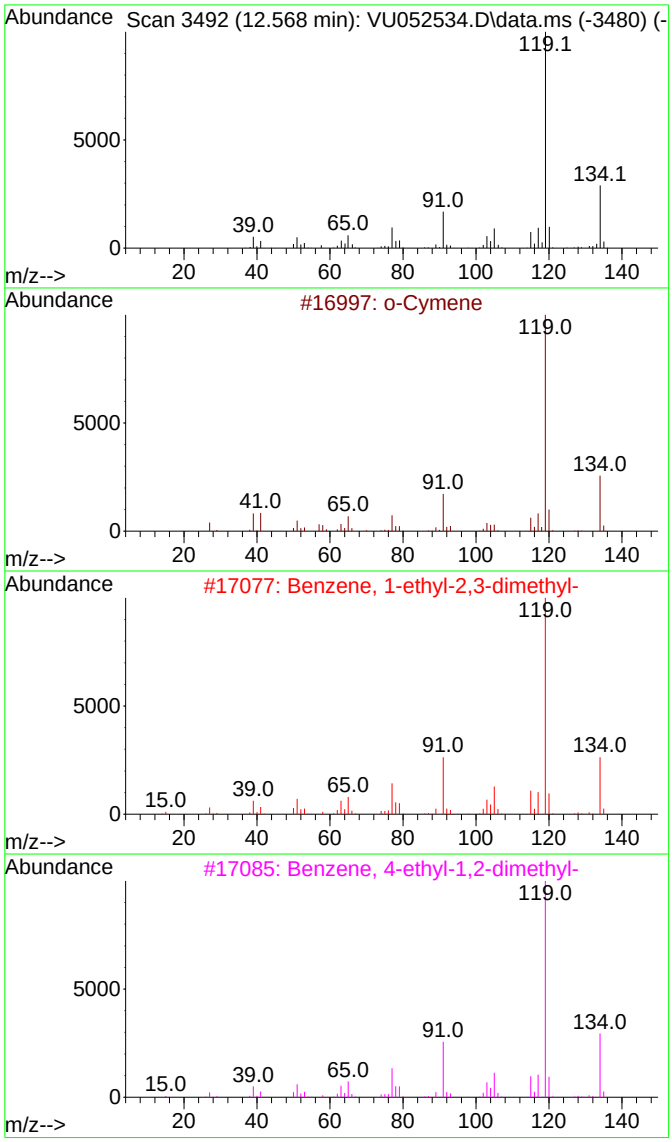
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

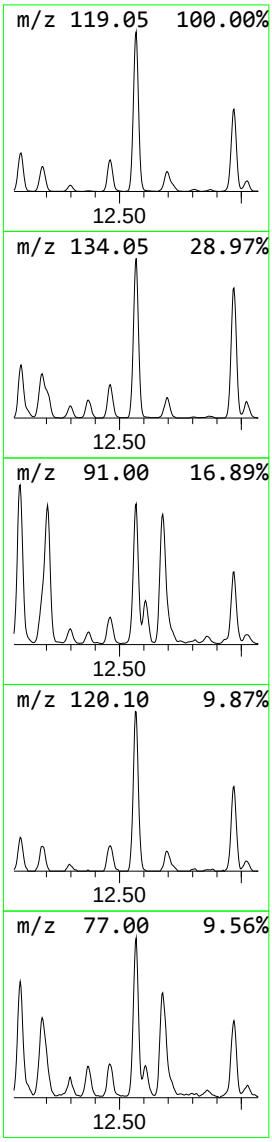
****

Peak Number 58 o-Cymene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.568	4.98 ug/L	701705	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

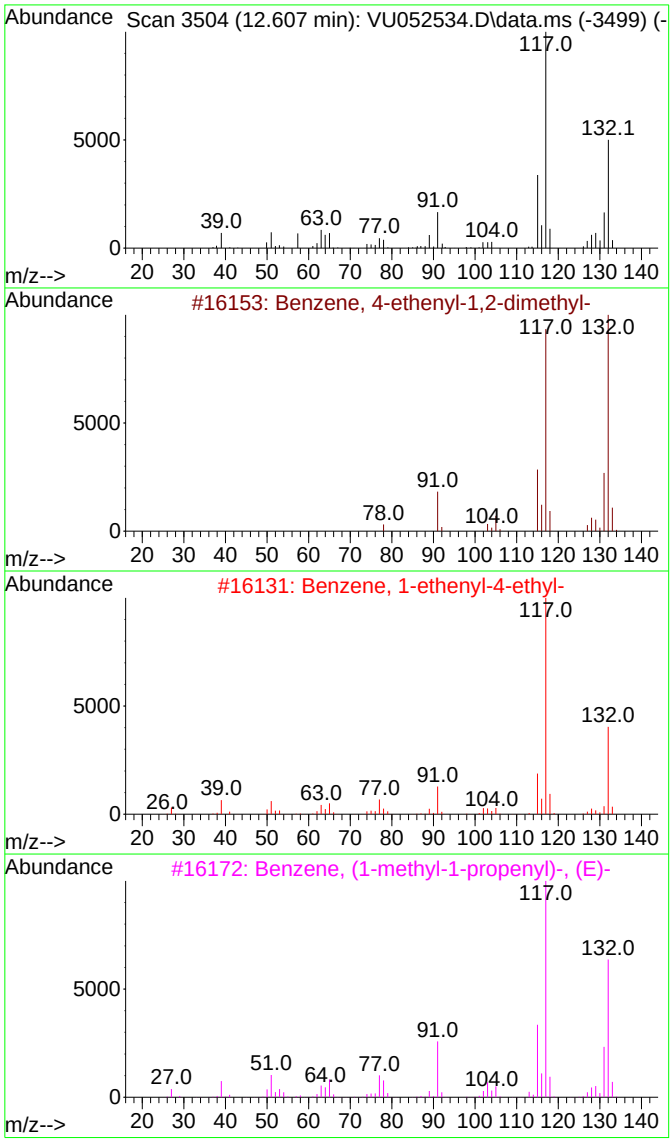
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

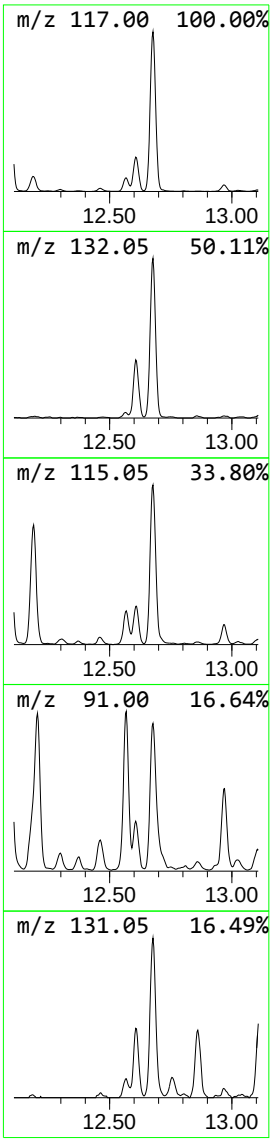
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 59 Benzene, 4-ethenyl-1,2-dime... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.607	1.56 ug/L	220020	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	91
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	83
5	p-(1-Propenyl)-toluene	132	C10H12	1000429-54-9	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

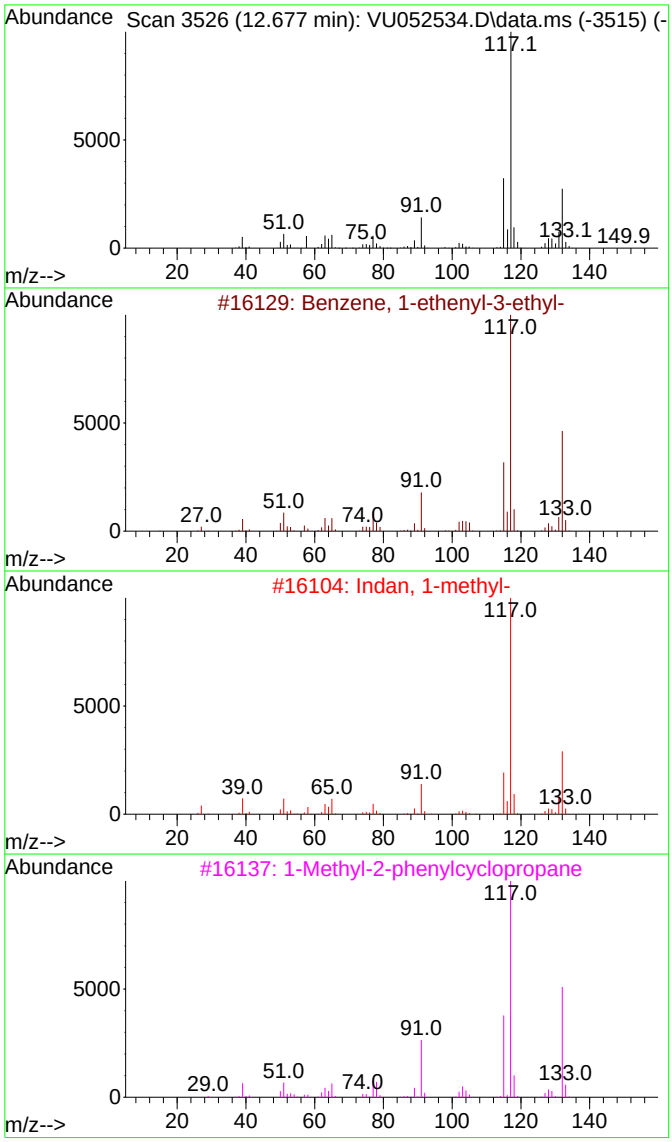
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

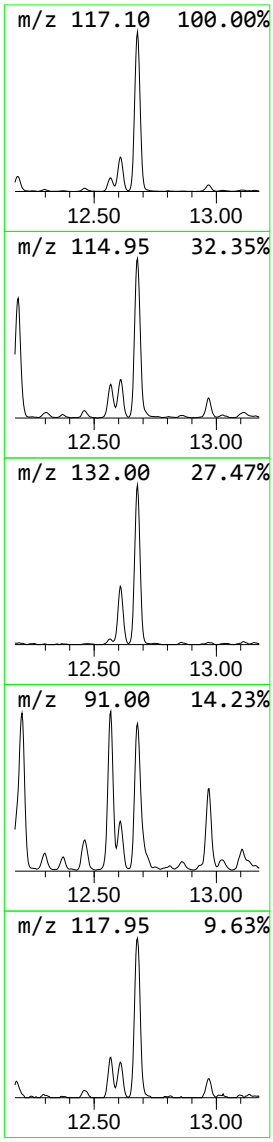
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.677	7.16 ug/L	1008560	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2	Indan, 1-methyl-	132	C10H12	000767-58-8	90
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	90
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	86
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

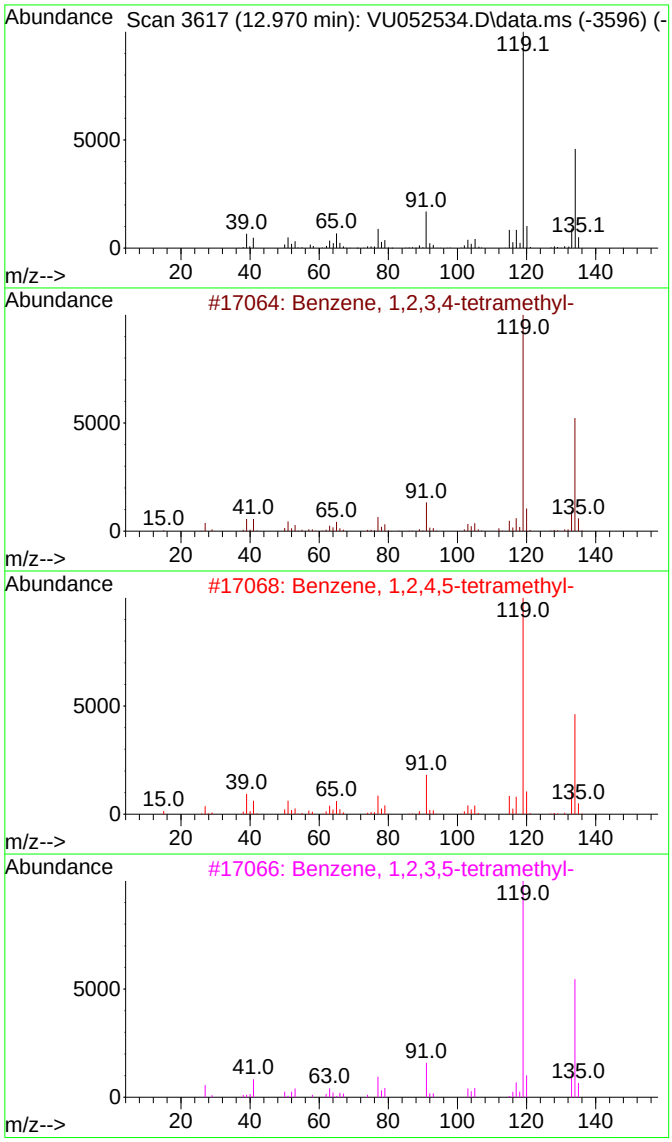
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

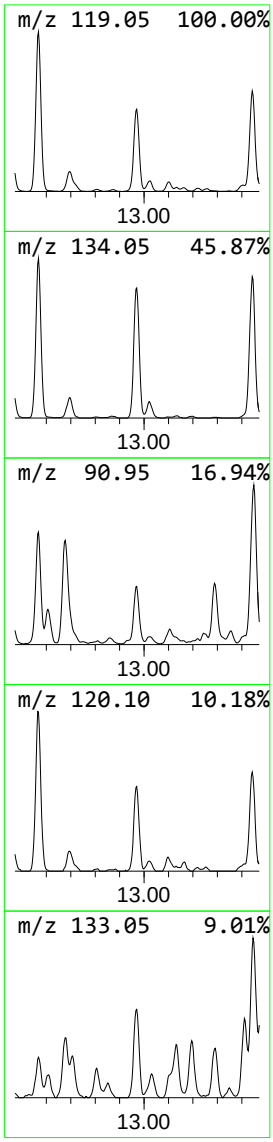
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 61 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.970	3.08 ug/L	434219	1,4-Dichlorobenzene-d4	11.809

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

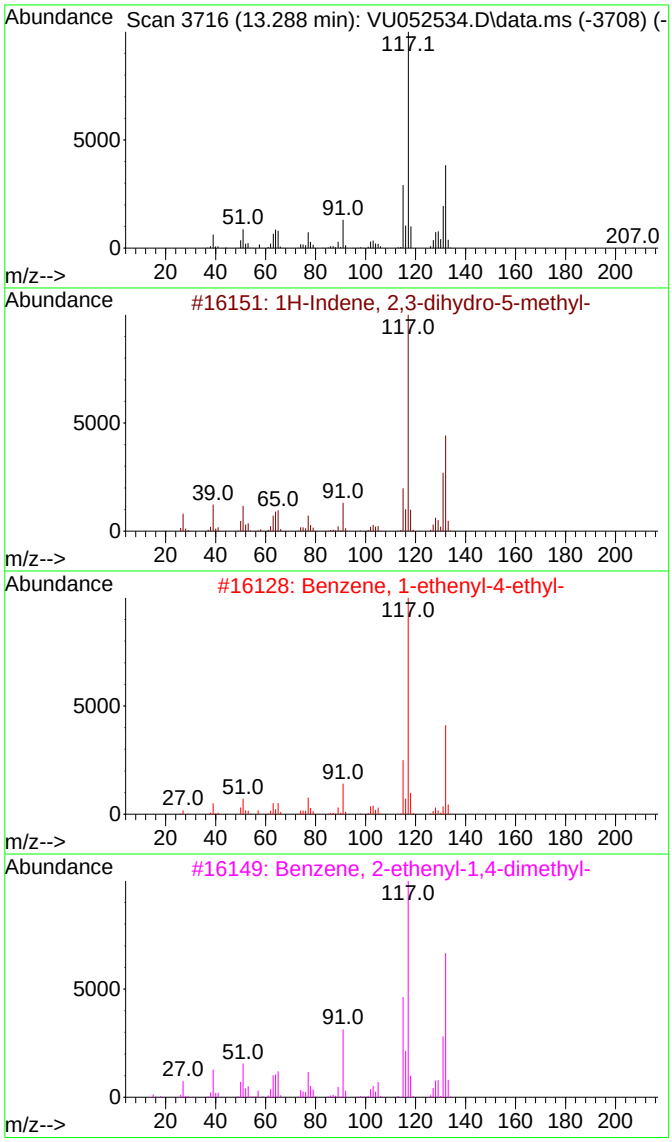
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

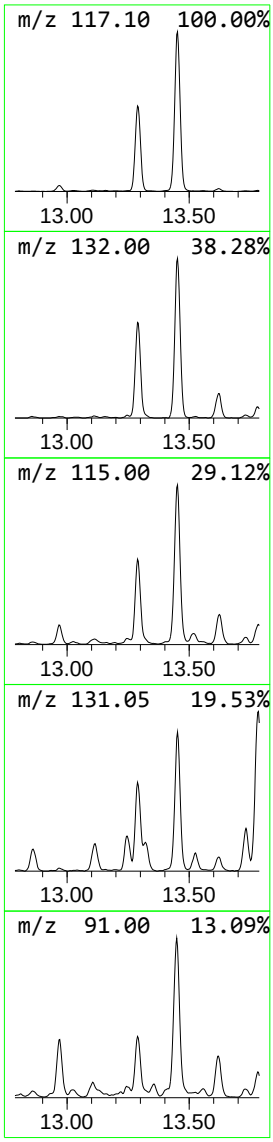
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 64 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.288	4.11 ug/L	578580	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	95
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

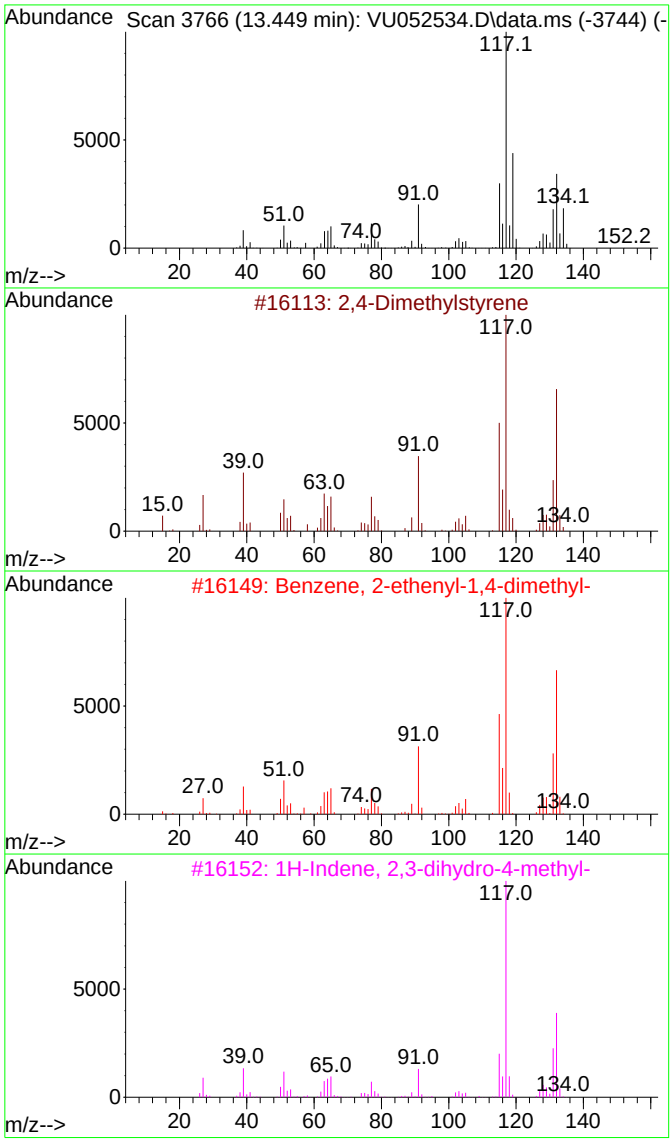
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

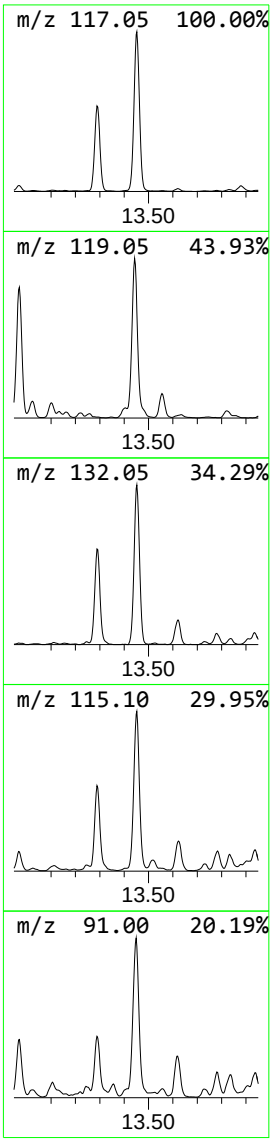
****

Peak Number 65 2,4-Dimethylstyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.449	11.48 ug/L	1616830	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	95
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	92
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	76
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

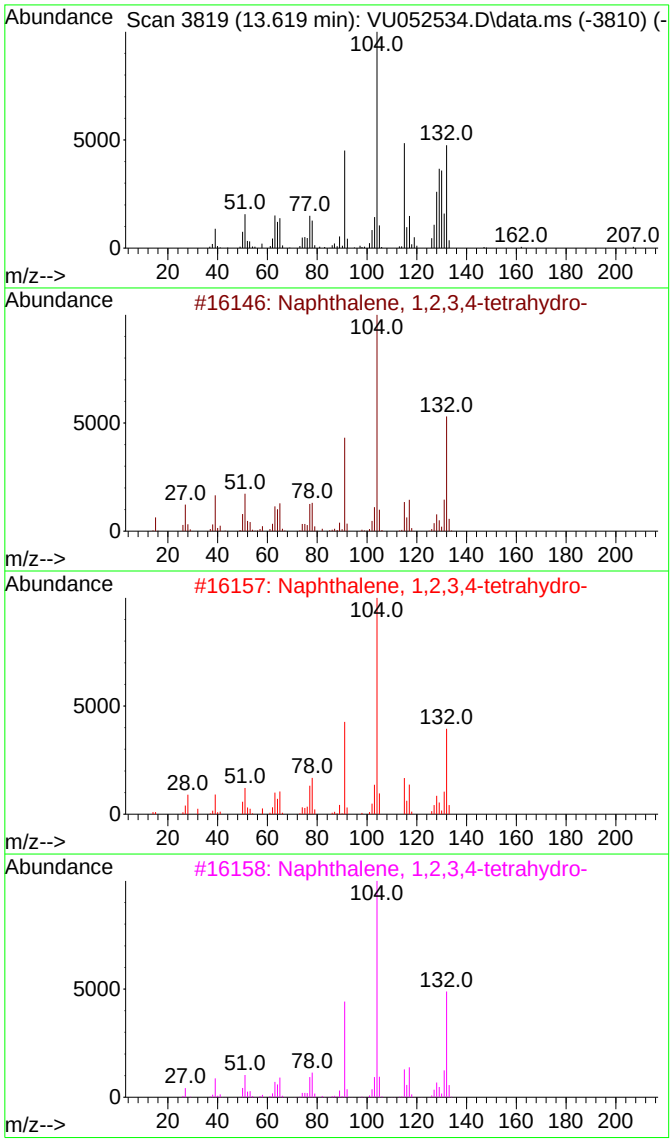
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

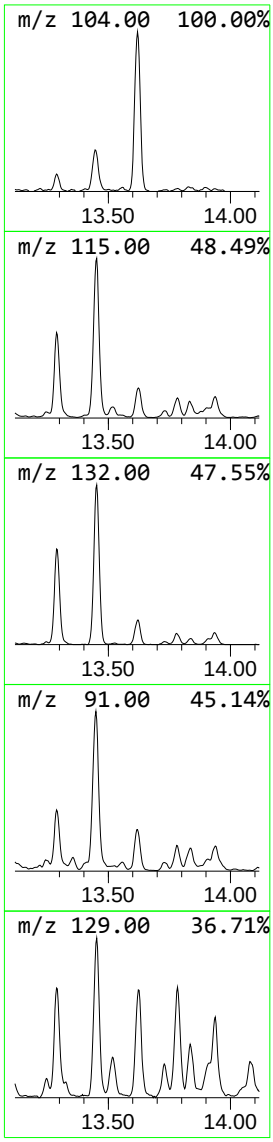
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 66 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.619	1.81 ug/L	255122	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	78
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	78
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	60
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	60
5	Indan, epoxide	132	C9H8O	000768-22-9	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

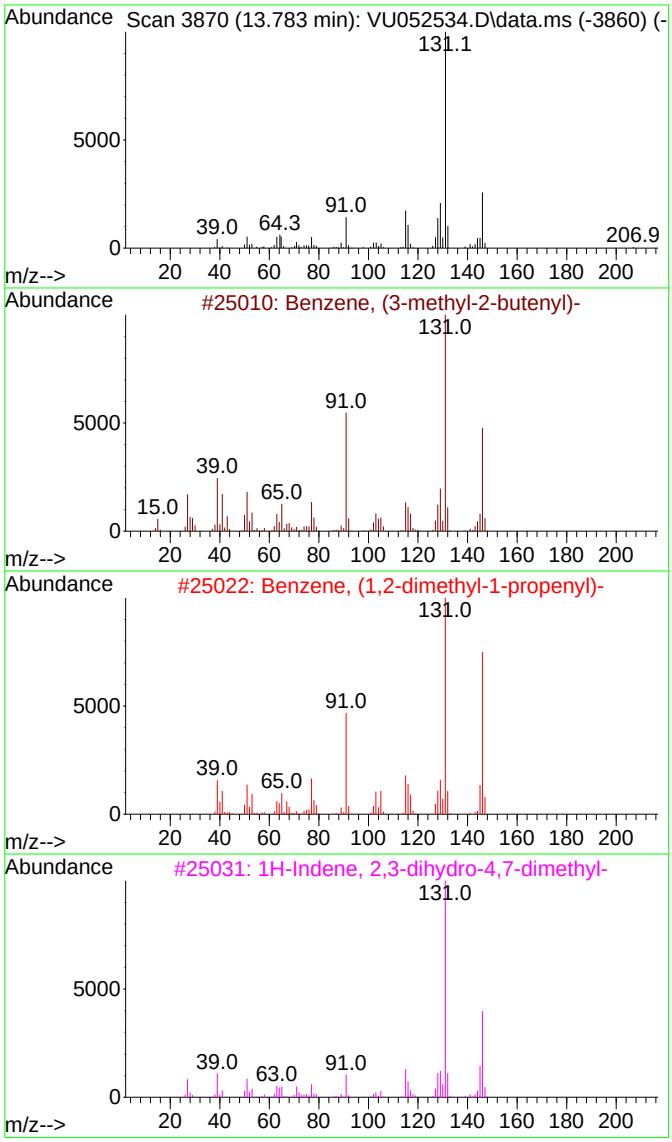
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

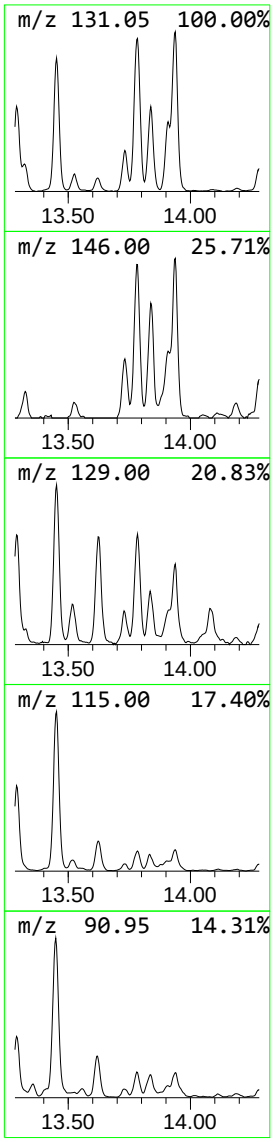
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 68 Benzene, (3-methyl-2-butenyl)- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.783	1.46 ug/L	205743	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	91
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

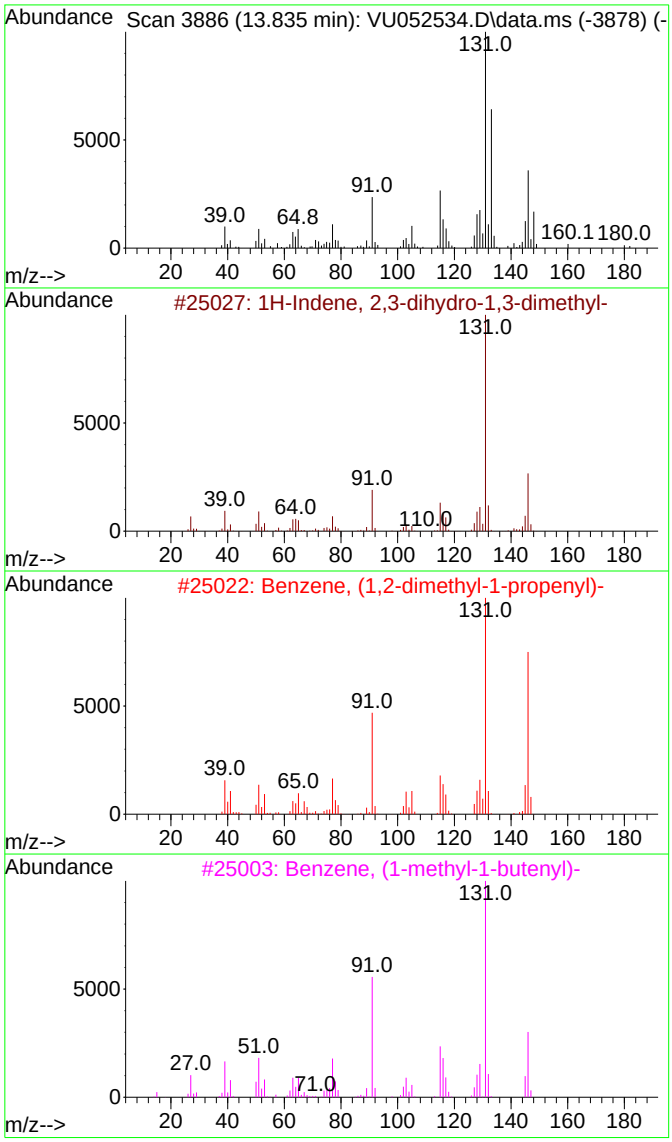
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

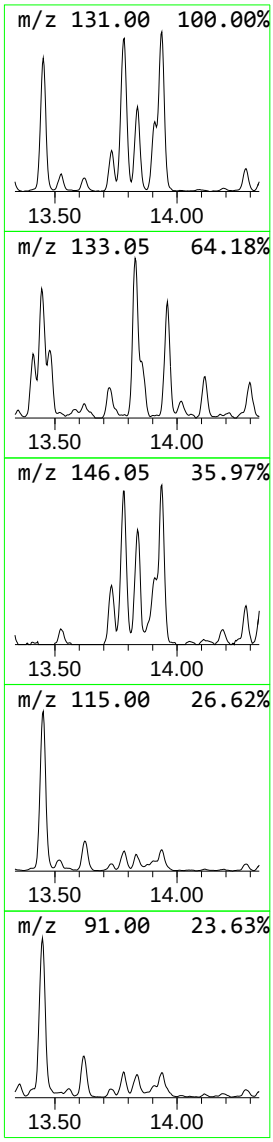
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 69 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.835	1.24 ug/L	174499	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	93
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	92
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	89
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	86
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

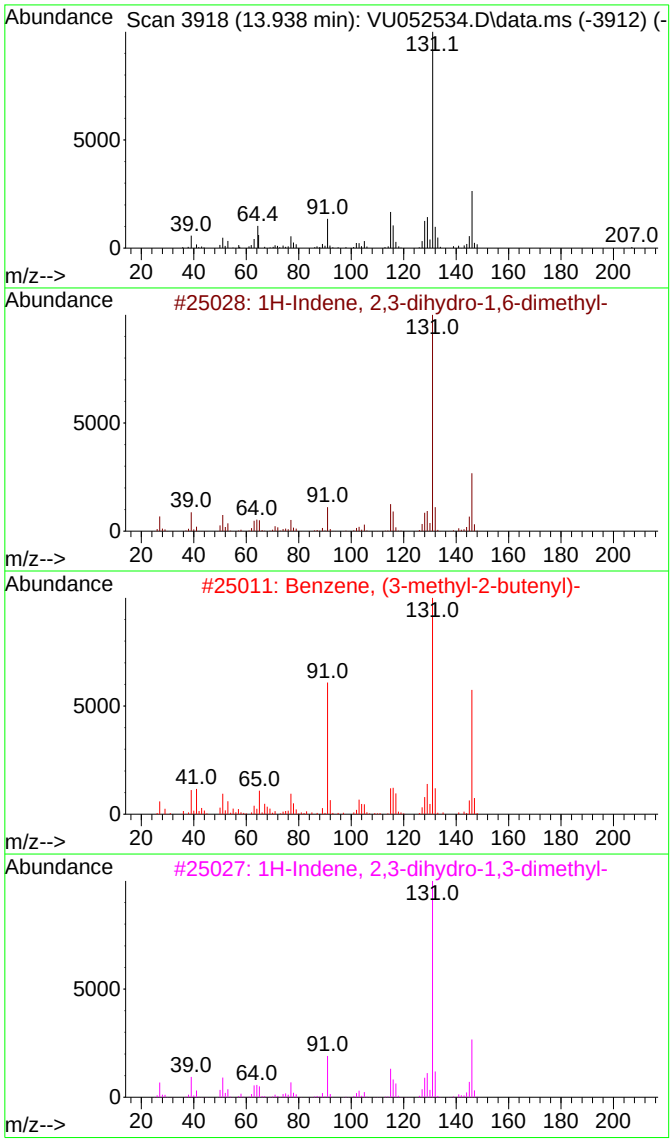
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

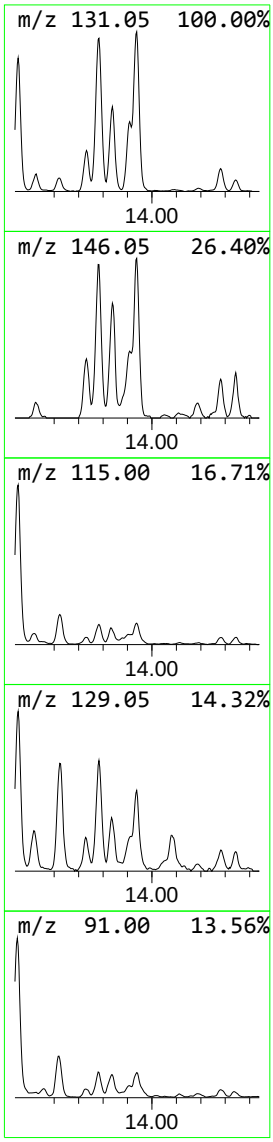
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 71 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.938	1.89 ug/L	266028	1,4-Dichlorobenzene-d4	11.809

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	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	90
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052534.D
Acq On : 23 Dec 2022 14:02
Operator : JC/MD
Sample : N6169-13 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.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...	1.996	8.4	ug/L	864802	1	6.247	513109	5.0
(DEL) Alkane: S...	2.205	8.6	ug/L	884885	1	6.247	513109	5.0
(DEL) Alkane: C...	2.469	1.4	ug/L	140679	1	6.247	513109	5.0
(DEL) Alkane: S...	3.083	4.8	ug/L	491814	1	6.247	513109	5.0
(DEL) Alkane: C...	3.138	4.2	ug/L	429919	1	6.247	513109	5.0
(DEL) Alkane: S...	3.359	3.6	ug/L	372053	1	6.247	513109	5.0
(DEL) Alkane: S...	3.572	1.1	ug/L	117126	1	6.247	513109	5.0
(DEL) Alkane: S...	3.697	5.5	ug/L	559320	1	6.247	513109	5.0
(DEL) Alkane: S...	3.977	2.8	ug/L	287494	1	6.247	513109	5.0
(DEL) Alkane: S...	4.089	1.3	ug/L	128942	1	6.247	513109	5.0
Cyclopentene, 3...	4.170	0.9	ug/L	95150	1	6.247	513109	5.0
(DEL) Alkane: S...	4.334	2.0	ug/L	208963	1	6.247	513109	5.0
(DEL) Alkane: C...	4.530	15.9	ug/L	1628220	1	6.247	513109	5.0
Cyclopentene, 4...	5.176	3.9	ug/L	396799	1	6.247	513109	5.0
(DEL) Alkane: S...	5.459	1.6	ug/L	166963	1	6.247	513109	5.0
(DEL) Alkane: S...	5.591	2.9	ug/L	294513	1	6.247	513109	5.0
(DEL) Alkane: C...	5.848	3.4	ug/L	343796	1	6.247	513109	5.0
(DEL) Alkane: C...	5.916	3.4	ug/L	353046	1	6.247	513109	5.0
(DEL) Alkane: C...	5.986	5.0	ug/L	512964	1	6.247	513109	5.0
(DEL) Alkane: S...	6.131	2.8	ug/L	283345	1	6.247	513109	5.0
Cyclopentene, 1...	6.568	2.8	ug/L	290327	1	6.247	513109	5.0
(DEL) Alkane: C...	6.977	2.2	ug/L	227639	1	6.247	513109	5.0
(DEL) Alkane: C...	7.070	1.1	ug/L	108603	1	6.247	513109	5.0
Cyclohexene, 3-...	7.160	1.3	ug/L	130038	1	6.247	513109	5.0
(DEL) Alkane: C...	7.237	2.2	ug/L	229304	1	6.247	513109	5.0
Cyclobutane, (1...	7.395	4.6	ug/L	468987	1	6.247	513109	5.0
1-Ethylcyclopen...	7.443	2.1	ug/L	211464	1	6.247	513109	5.0
(DEL) Alkane: S...	7.494	1.1	ug/L	113274	1	6.247	513109	5.0
(DEL) Alkane: S...	7.655	0.6	ug/L	58873	1	6.247	513109	5.0
Cyclohexene, 1-...	7.755	5.1	ug/L	526782	1	6.247	513109	5.0
(DEL) Alkane: C...	8.028	0.9	ug/L	110871	2	9.414	609983	5.0
(DEL) Alkane: C...	8.240	2.4	ug/L	297286	2	9.414	609983	5.0
(DEL) Alkane: C...	8.362	1.0	ug/L	126939	2	9.414	609983	5.0
1,3-Dimethyl-1-...	8.407	1.4	ug/L	173765	2	9.414	609983	5.0
1,4-Hexadiene, ...	8.700	0.8	ug/L	98198	2	9.414	609983	5.0
Cyclohexane, 1-...	8.742	0.7	ug/L	86932	2	9.414	609983	5.0
(DEL) Alkane: C...	8.803	1.2	ug/L	146169	2	9.414	609983	5.0
(DEL) Alkane: C...	8.861	2.4	ug/L	293630	2	9.414	609983	5.0
(DEL) Alkane: C...	8.919	0.9	ug/L	109816	2	9.414	609983	5.0
1-Methyl-2-meth...	9.070	1.0	ug/L	120089	2	9.414	609983	5.0
(DEL) Alkane: S...	9.330	1.0	ug/L	119214	2	9.414	609983	5.0
(DEL) Alkane: C...	10.028	0.8	ug/L	104201	2	9.414	609983	5.0
3,3-Tetramethyl...	10.269	1.5	ug/L	179409	2	9.414	609983	5.0
Cyclohexanone, ...	10.356	1.1	ug/L	137919	2	9.414	609983	5.0
Benzene, propyl-	10.903	5.8	ug/L	811760	3	11.809	704481	5.0
Benzene, 1-ethy...	11.018	3.6	ug/L	511167	3	11.809	704481	5.0
Benzene, 1-ethy...	11.288	1.1	ug/L	156907	3	11.809	704481	5.0
p-Cymene	11.739	0.8	ug/L	113119	3	11.809	704481	5.0
Benzene, 1,2,3-...	11.890	1.0	ug/L	136372	3	11.809	704481	5.0
Benzene, 1-prop...	12.092	7.4	ug/L	1038640	3	11.809	704481	5.0
Benzene, 2-ethy...	12.462	1.1	ug/L	153290	3	11.809	704481	5.0
o-Cymene	12.568	5.0	ug/L	701705	3	11.809	704481	5.0

Benzene, 4-ethe...	12.607	1.6	ug/L	220020	3	11.809	704481	5.0
Benzene, 1-ethe...	12.677	7.2	ug/L	1008560	3	11.809	704481	5.0
Benzene, 1,2,3,...	12.970	3.1	ug/L	434219	3	11.809	704481	5.0
1H-Indene, 2,3-...	13.288	4.1	ug/L	578580	3	11.809	704481	5.0
2,4-Dimethylsty...	13.449	11.5	ug/L	1616830	3	11.809	704481	5.0
Naphthalene, 1,...	13.619	1.8	ug/L	255122	3	11.809	704481	5.0
Benzene, (3-met...	13.783	1.5	ug/L	205743	3	11.809	704481	5.0
1H-Indene, 2,3-...	13.835	1.2	ug/L	174499	3	11.809	704481	5.0
1H-Indene, 2,3-...	13.938	1.9	ug/L	266028	3	11.809	704481	5.0

Instrument :
MSVOA_U
ClientSampleId :
GBQA4