LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059816.D
Acq On : 03 Jul 2024 22:53
Operator : MD/SY
Sample : P3136-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BK8

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\SFAMUTR061724WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU059816.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.358	14	21	44	rVB	99981	107824	21.55%	1.566%
2	1.515	65	70	78	rVB	7503	8375	1.67%	0.122%
3	1.592	84	94	104	rBV	69266	83867	16.76%	1.218%
4	1.644	105	110	118	rVB2	4338	5497	1.10%	0.080%
5	1.907	183	192	207	rBV	53103	71202	14.23%	1.034%
6	2.377	329	338	348	rVV3	5495	9963	1.99%	0.145%
7	2.448	352	360	370	rVB3	8016	13546	2.71%	0.197%
8	2.560	383	395	402	rBV	102029	188823	37.74%	2.742%
9	3.036	528	543	557	rVB3	29404	62848	12.56%	0.913%
10	4.283	917	931	947	rBV4	8670	22278	4.45%	0.324%
11	4.377	947	960	962	rVV4	3456	6371	1.27%	0.093%
12	4.428	962	976	993	rVB4	20733	54464	10.89%	0.791%
13	4.637	1016	1041	1067	rBV	48950	178736	35.72%	2.596%
14	5.055	1155	1171	1187	rBV3	119371	287893	57.54%	4.181%
15	5.454	1279	1295	1314	rBV3	64663	149519	29.88%	2.171%
16	5.627	1334	1349	1360	rBV5	15852	35531	7.10%	0.516%
17	5.718	1360	1377	1392	rBV2	186681	479530	95.84%	6.964%
18	5.843	1407	1416	1418	rBV5	5032	6685	1.34%	0.097%
19	5.891	1418	1431	1449	rVB	89740	202424	40.46%	2.940%
20	6.242	1528	1540	1567	rBV	180643	349918	69.94%	5.082%
21	6.547	1624	1635	1645	rBV8	5671	12573	2.51%	0.183%
22	6.685	1664	1678	1687	rBV	110842	221749	44.32%	3.220%
23	6.804	1705	1715	1722	rBV5	6848	12100	2.42%	0.176%
24	6.862	1722	1733	1741	rVV3	11433	20531	4.10%	0.298%
25	6.917	1741	1750	1759	rVB3	6653	11711	2.34%	0.170%
26	7.065	1784	1796	1808	rVB2	40415	77718	15.53%	1.129%
27	7.248	1834	1853	1870	rVB3	67141	171896	34.36%	2.496%
28	7.373	1874	1892	1905	rBV2	90329	183285	36.63%	2.662%
29	7.473	1916	1923	1931	rVB7	5177	8642	1.73%	0.126%
30	7.560	1931	1950	1966	rBV2	60752	157039	31.39%	2.281%
31	7.766	2005	2014	2024	rVB3	14567	26488	5.29%	0.385%
32	7.856	2024	2042	2044	rBV5	37342	64474	12.89%	0.936%
33	7.891	2045	2053	2071	rVB	238382	421640	84.27%	6.123%
34	8.036	2087	2098	2107	rBV4	12984	25904	5.18%	0.376%
35	8.177	2127	2142	2151	rVV3	37926	70611	14.11%	1.025%
36	8.235	2151	2160	2178	rVB5	42302	91888	18.37%	1.334%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059816.D
Acq On : 03 Jul 2024 22:53
Operator : MD/SY
Sample : P3136-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BK8

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\SFAMUTR061724WMA.M
Title : TRACE VOA SFAM1.0

37	8.360	2179	2199	2205	rBV4	30675	65058	13.00%	0.945%
38	8.406	2205	2213	2232	rVB	61432	118949	23.77%	1.727%
39	8.550	2249	2258	2272	rVB8	11950	24288	4.85%	0.353%
40	8.631	2272	2283	2312	rBV	227814	500320	100.00%	7.266%
41	8.804	2330	2337	2352	rVB6	19414	41499	8.29%	0.603%
42	8.920	2364	2373	2378	rBV2	19360	34650	6.93%	0.503%
43	9.061	2404	2417	2433	rVB6	27324	59909	11.97%	0.870%
44	9.177	2434	2453	2459	rBV9	15562	43253	8.65%	0.628%
45	9.338	2490	2503	2513	rBV5	19197	38922	7.78%	0.565%
46	9.412	2513	2526	2542	rBV	271570	479070	95.75%	6.958%
47	9.560	2566	2572	2580	rBV8	8695	13981	2.79%	0.203%
48	9.643	2592	2598	2600	rBV5	5693	6281	1.26%	0.091%
49	9.756	2626	2633	2638	rBV9	3953	5463	1.09%	0.079%
50	9.798	2638	2646	2653	rBV9	7204	12259	2.45%	0.178%
51	9.875	2662	2670	2680	rBV7	6724	12599	2.52%	0.183%
52	9.971	2694	2700	2706	rBV9	4921	6584	1.32%	0.096%
53	10.023	2707	2716	2724	rBV4	19812	35547	7.10%	0.516%
54	10.229	2768	2780	2786	rBV8	9922	21533	4.30%	0.313%
55	10.537	2869	2876	2883	rBV8	6152	10480	2.09%	0.152%
56	10.653	2906	2912	2918	rBV5	5482	8407	1.68%	0.122%
57	10.695	2919	2925	2933	rVV5	7386	12747	2.55%	0.185%
58	10.749	2933	2942	2954	rVB2	93558	151997	30.38%	2.207%
59	10.897	2980	2988	2994	rBV7	5283	8769	1.75%	0.127%
60	11.016	3015	3025	3039	rVB7	3601	8161	1.63%	0.119%
61	11.296	3098	3112	3114	rBV8	6297	10137	2.03%	0.147%
62	11.389	3132	3141	3153	rBV7	6478	11334	2.27%	0.165%
63	11.634	3195	3217	3232	rVB9	18092	44733	8.94%	0.650%
64	11.807	3259	3271	3288	rBV	264985	447641	89.47%	6.501%
65	11.888	3289	3296	3304	rBV9	5817	10318	2.06%	0.150%
66	12.090	3347	3359	3371	rBV4	26805	48348	9.66%	0.702%
67	12.187	3377	3389	3412	rBV	237619	453366	90.62%	6.584%
68	12.383	3441	3450	3459	rVB6	6887	12783	2.55%	0.186%
69	12.518	3479	3492	3494	rBV5	5724	10410	2.08%	0.151%
70	12.569	3501	3508	3513	rVB6	5847	8073	1.61%	0.117%
71	12.608	3513	3520	3521	rBV6	6452	5980	1.20%	0.087%
72	12.772	3559	3571	3579	rBV6	3068	7219	1.44%	0.105%
73	12.827	3579	3588	3592	rVV4	5099	7903	1.58%	0.115%
74	12.855	3593	3597	3603	rVV5	5815	7815	1.56%	0.113%
75	12.981	3625	3636	3637	rBV8	4282	5741	1.15%	0.083%
76	13.019	3643	3648	3663	rVB10	9760	20039	4.01%	0.291%

LSC Area Percent Report

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Acq On : 03 Jul 2024 22:53
Operator : MD/SY
Sample : P3136-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BK8

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\SFAMUTR061724WMA.M
Title : TRACE VOA SFAM1.0

77	13.109	3667	3676	3688	rVB9	4544	8667	1.73%	0.126%
78	13.219	3702	3710	3715	rBV8	4794	7434	1.49%	0.108%
79	13.293	3725	3733	3739	rBV4	6895	10317	2.06%	0.150%
80	13.450	3769	3782	3795	rVB3	19674	32900	6.58%	0.478%
81	13.733	3861	3870	3876	rBV10	3389	5664	1.13%	0.082%
82	13.778	3876	3884	3894	rVB7	5029	8549	1.71%	0.124%
83	13.836	3894	3902	3909	rBV5	6288	9880	1.97%	0.143%
84	13.936	3927	3933	3940	rVB3	6940	9246	1.85%	0.134%
85	14.283	4037	4041	4050	rVB8	4838	6384	1.28%	0.093%
86	14.341	4050	4059	4066	rBV7	5413	7079	1.41%	0.103%
87	14.476	4092	4101	4108	rBV4	4579	7117	1.42%	0.103%
88	14.656	4150	4157	4167	rBV8	4325	7456	1.49%	0.108%
89	14.875	4216	4225	4235	rVB6	5641	9227	1.84%	0.134%
90	15.013	4261	4268	4280	rVB6	3110	5473	1.09%	0.079%
91	16.881	4839	4849	4862	rBV4	9269	14128	2.82%	0.205%

Sum of corrected areas: 6885630

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
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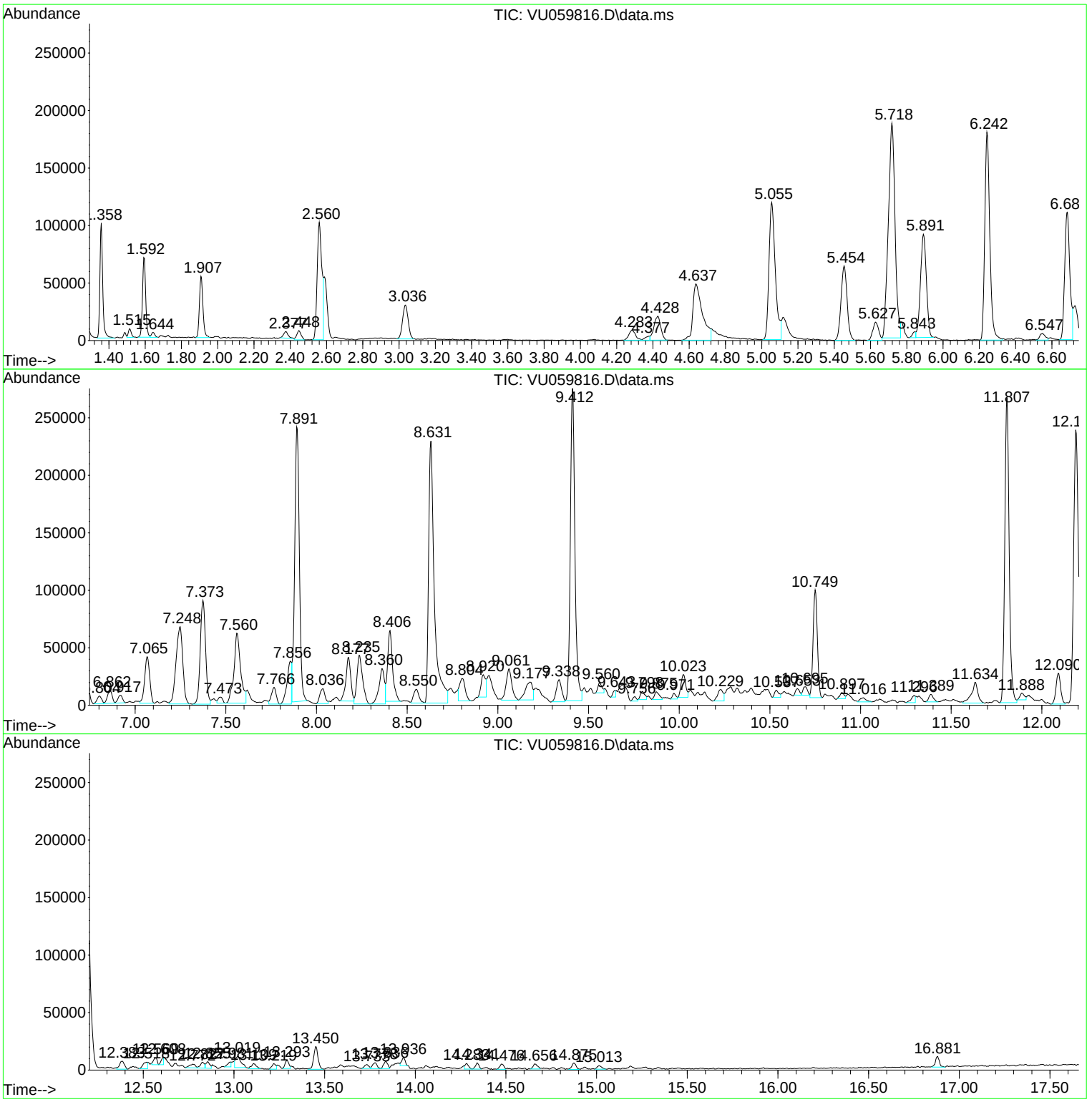
Acq On : 03 Jul 2024 22:53
Operator : MD/SY
Sample : P3136-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BK8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.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\VU070324\
Data File : VU059816.D
Acq On : 03 Jul 2024 22:53
Operator : MD/SY
Sample : P3136-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BK8

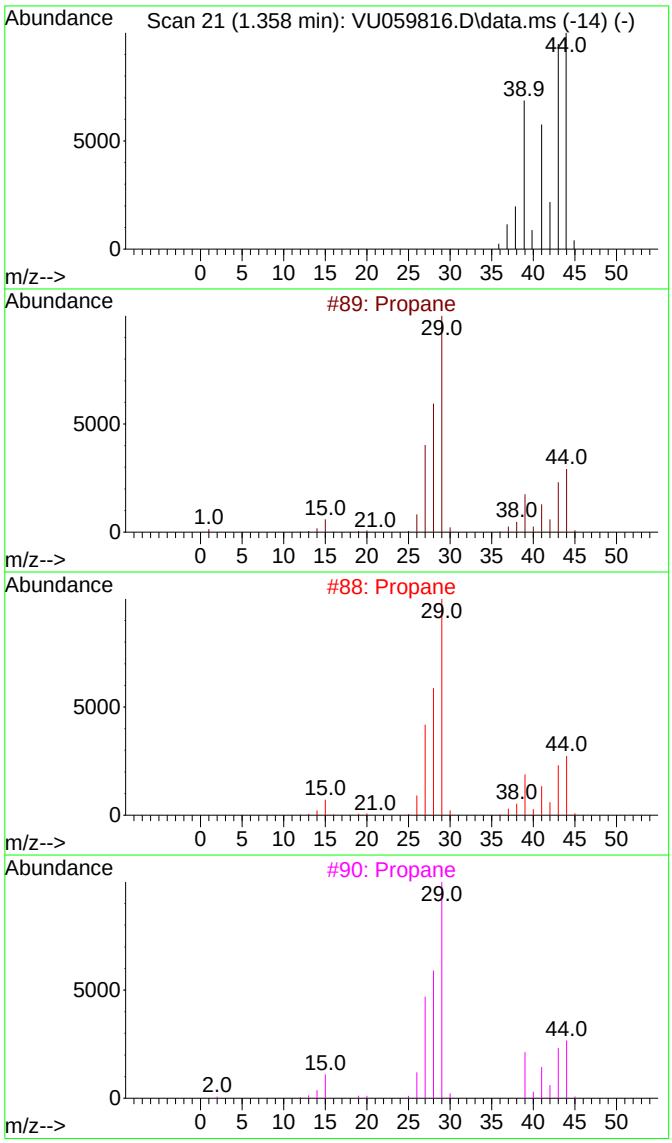
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

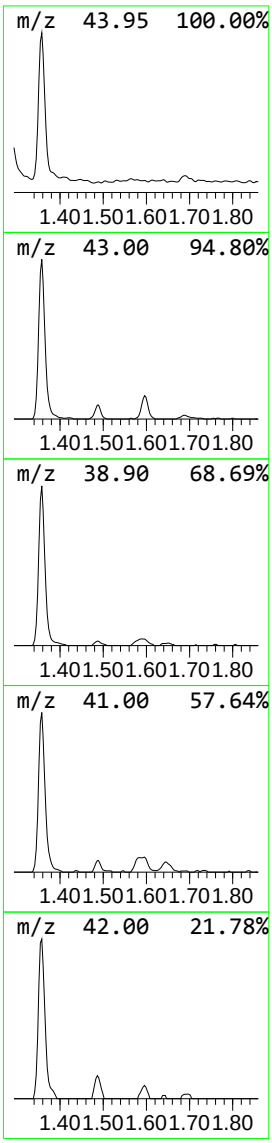
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.358	1.54 ug/L	107824	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane	44	C3H8	000074-98-6	83
2	Propane	44	C3H8	000074-98-6	83
3	Propane	44	C3H8	000074-98-6	9
4	Propene	42	C3H6	000115-07-1	9
5	Ethylene oxide	44	C2H4O	000075-21-8	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059816.D
Acq On : 03 Jul 2024 22:53
Operator : MD/SY
Sample : P3136-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BK8

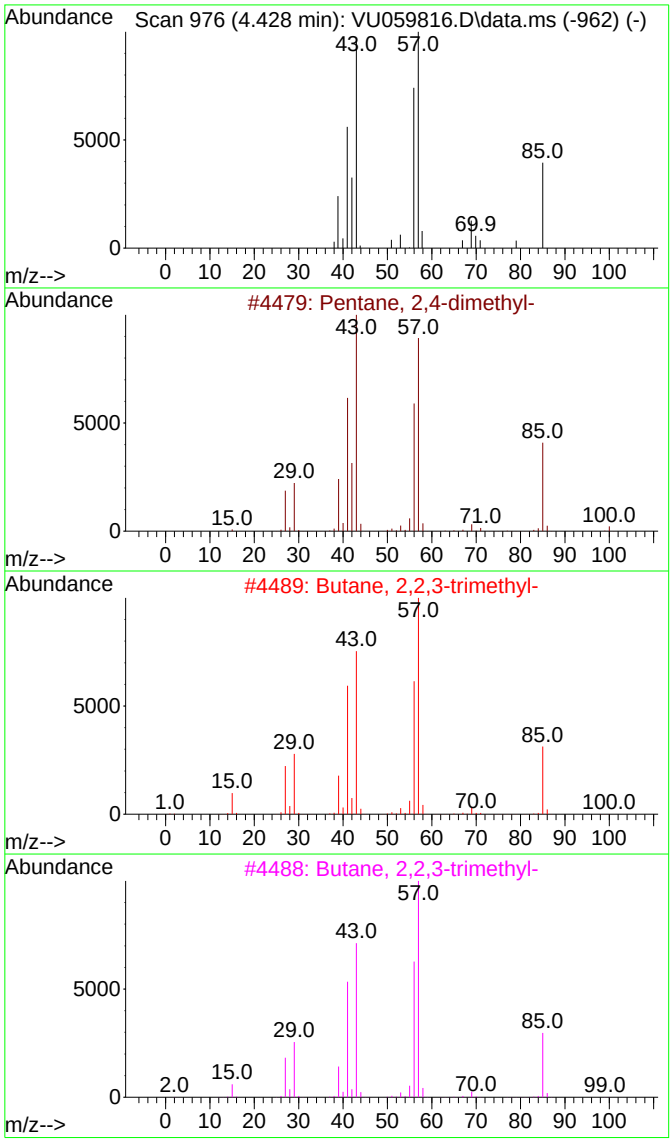
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

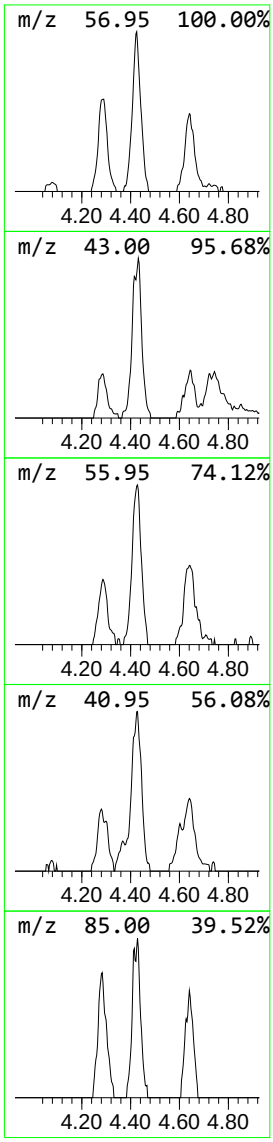
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.428	0.78 ug/L	54464	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	78
2	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	50
3	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	50
4	Hydroperoxide, hexyl	118	C6H14O2	004312-76-9	47
5	Cyclopropane, propyl-	84	C6H12	002415-72-7	37





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059816.D
Acq On : 03 Jul 2024 22:53
Operator : MD/SY
Sample : P3136-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BK8

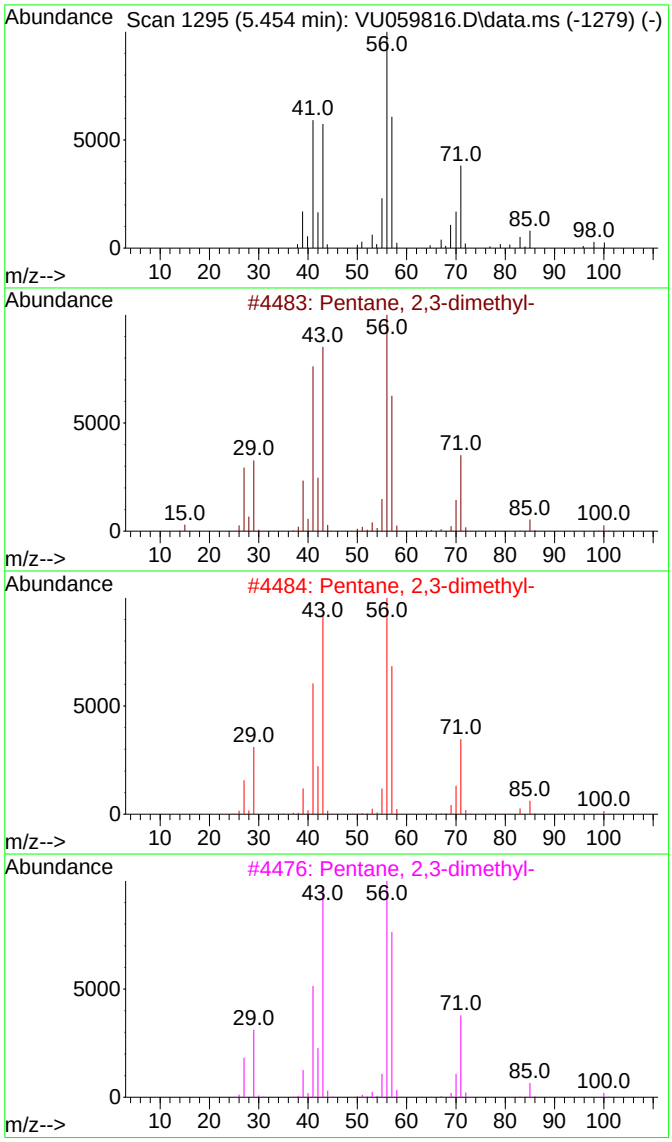
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

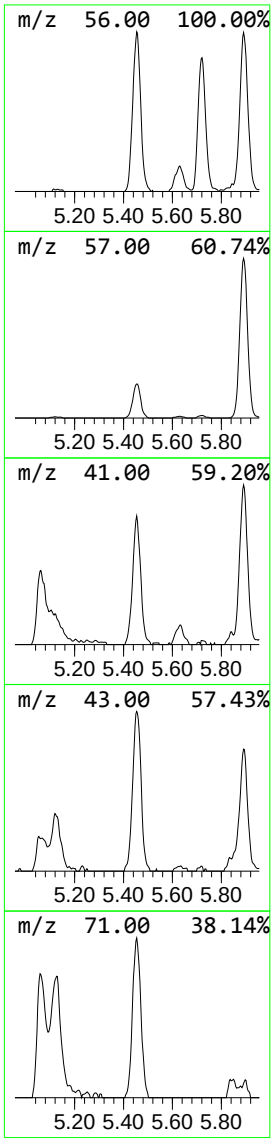
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.454	2.14 ug/L	149519	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	90
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	90
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	87
4	Nonane, 5-methylene-	140	C10H20	006795-79-5	53
5	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059816.D
Acq On : 03 Jul 2024 22:53
Operator : MD/SY
Sample : P3136-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BK8

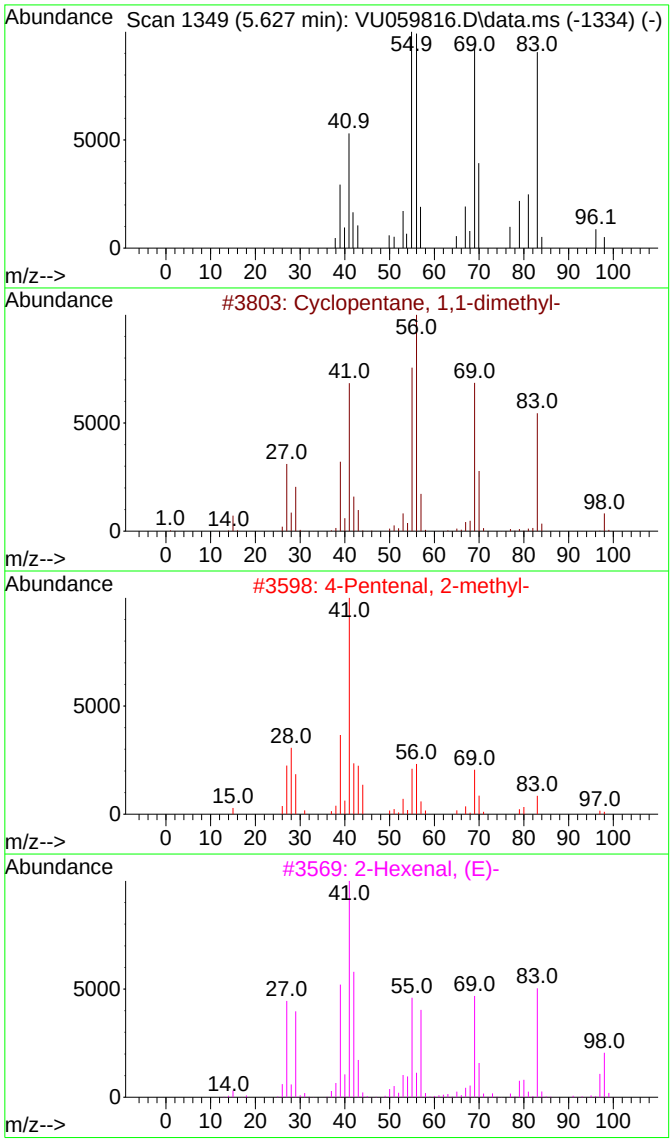
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

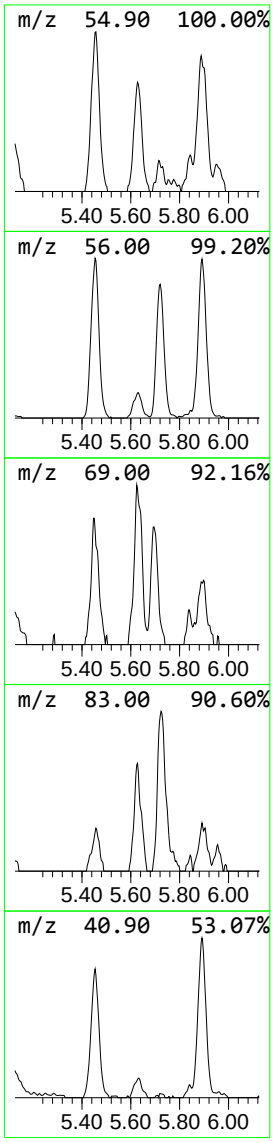
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic5.627 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.627	0.51 ug/L	35531	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	56
2	4-Pentenal, 2-methyl-	98	C6H10O	005187-71-3	53
3	2-Hexenal, (E)-	98	C6H10O	006728-26-3	50
4	1-Hexene, 3,5-dimethyl-	112	C8H16	007423-69-0	45
5	Cyclopentane, ethyl-	98	C7H14	001640-89-7	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059816.D
Acq On : 03 Jul 2024 22:53
Operator : MD/SY
Sample : P3136-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BK8

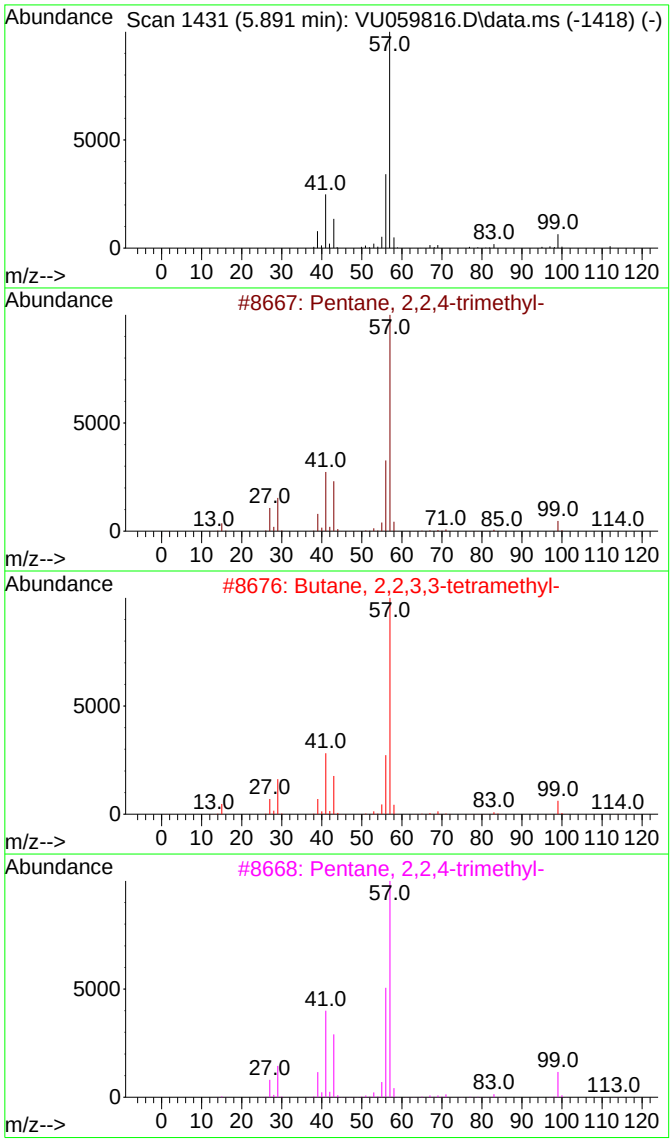
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

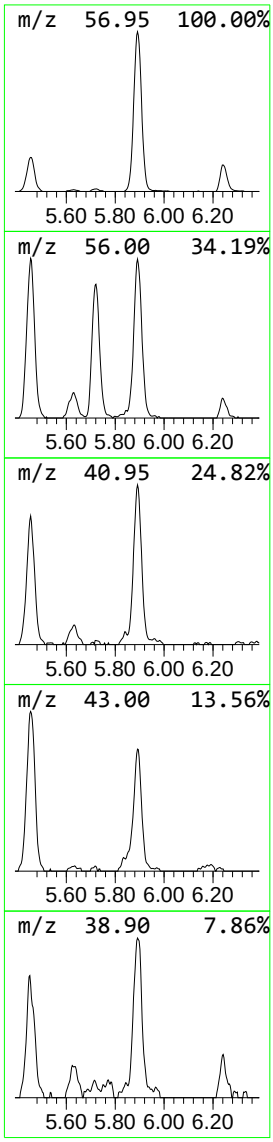
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.891	2.89 ug/L	202424	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
2	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
3	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
4	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
5	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72





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Data File : VU059816.D
Acq On : 03 Jul 2024 22:53
Operator : MD/SY
Sample : P3136-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BK8

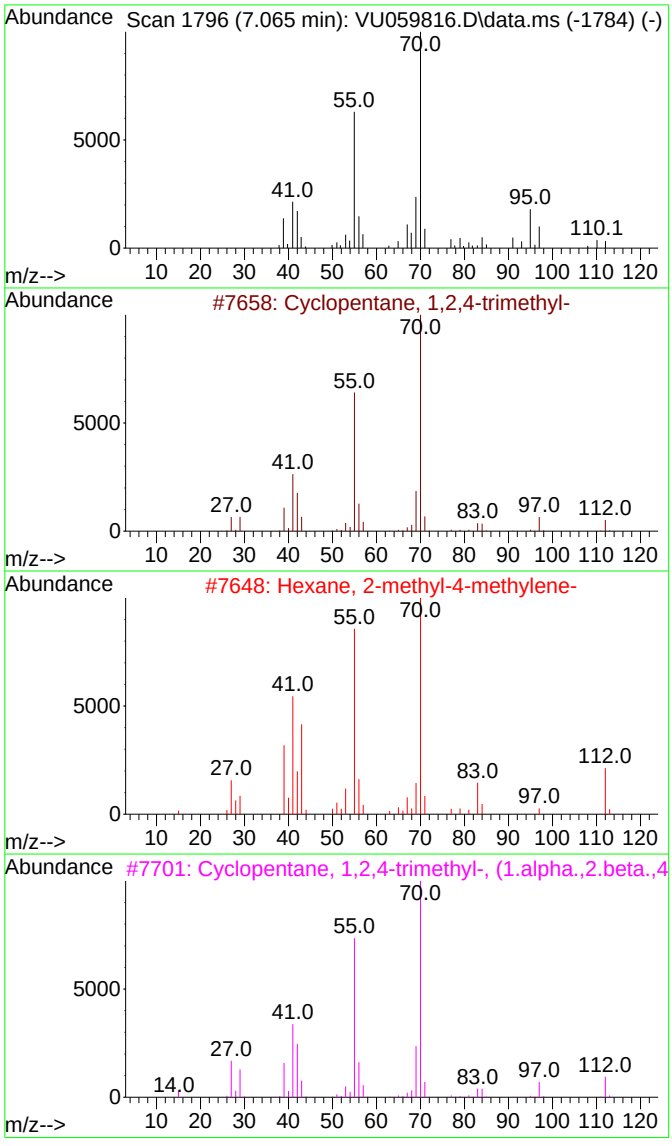
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

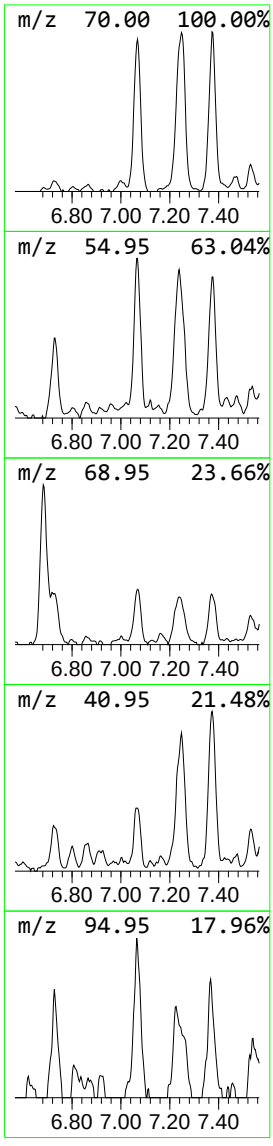
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic7.065 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.065	1.11 ug/L	77718	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	80
2	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	72
3	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	64
4	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	64
5	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	64





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Data File : VU059816.D
Acq On : 03 Jul 2024 22:53
Operator : MD/SY
Sample : P3136-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BK8

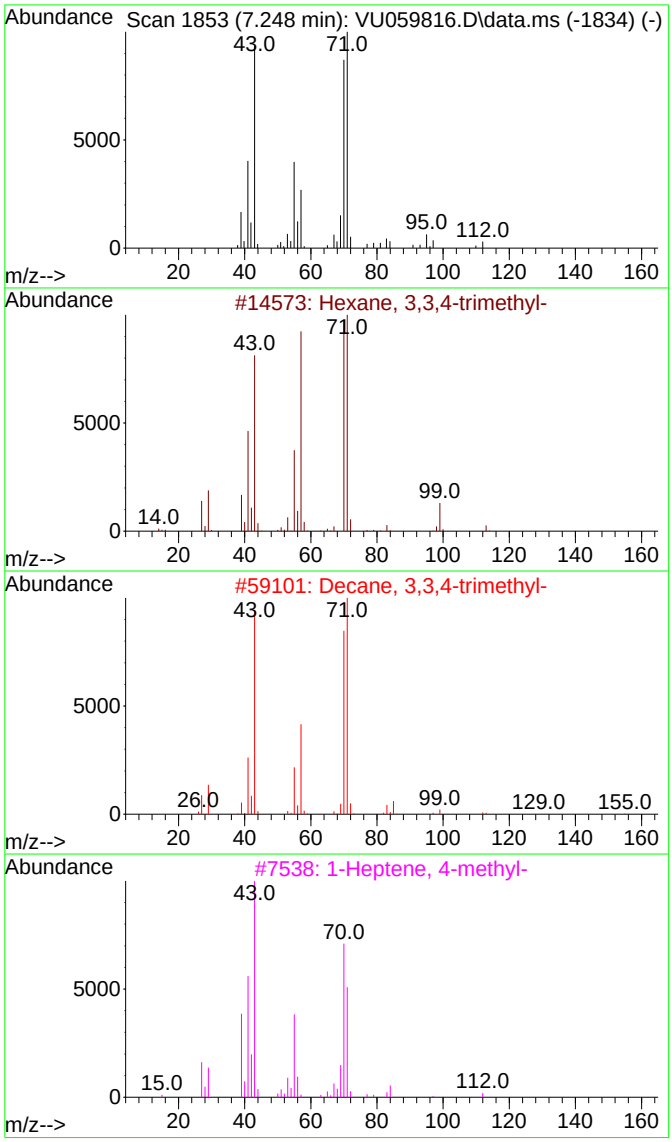
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

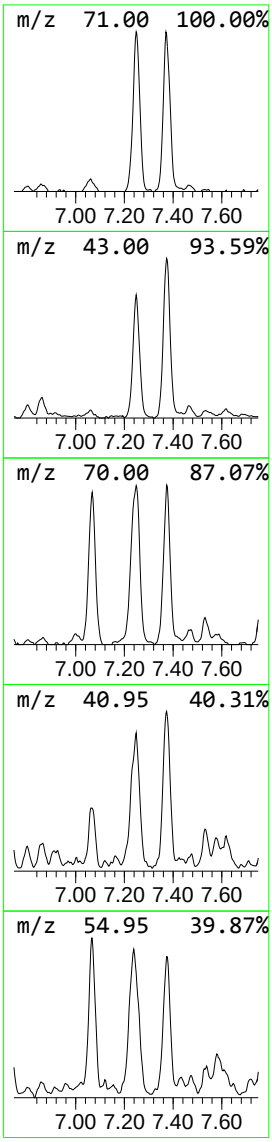
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.248	2.46 ug/L	171896	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	78
2	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	78
3	1-Heptene, 4-methyl-	112	C8H16	013151-05-8	64
4	Ethanedioic acid, bis(3-methylbu...	230	C12H22O4	002051-00-5	59
5	Pentane, 3-ethyl-	100	C7H16	000617-78-7	56





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Data File : VU059816.D
Acq On : 03 Jul 2024 22:53
Operator : MD/SY
Sample : P3136-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BK8

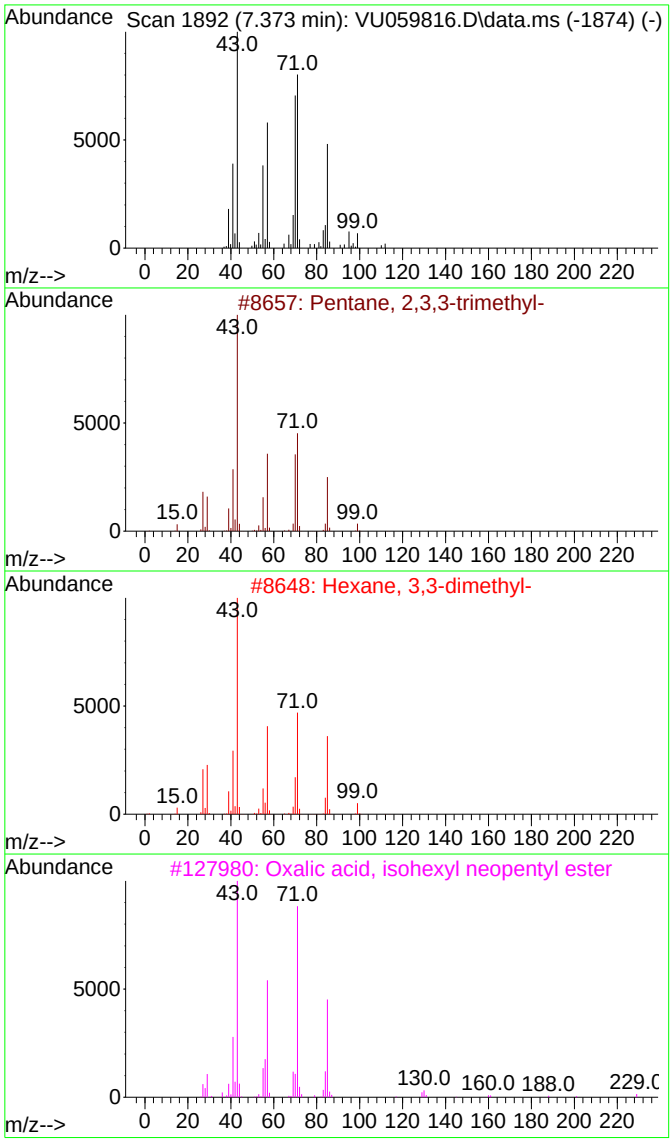
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

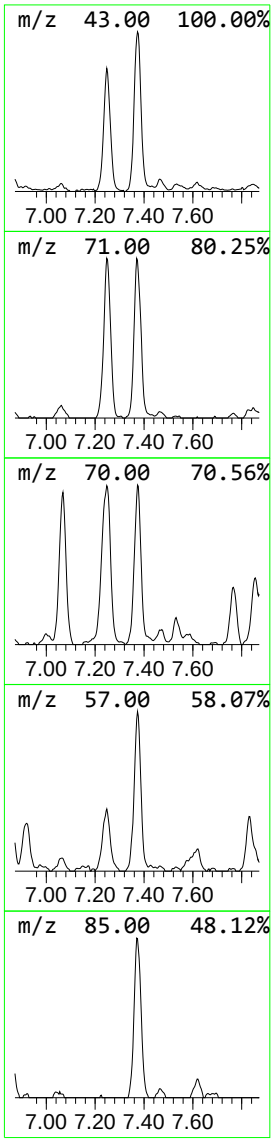
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.373	2.62 ug/L	183285	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	78
2	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
3	Oxalic acid, isohexyl neopentyl ...	244	C13H24O4	1000309-73-0	59
4	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	59
5	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	53





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Data File : VU059816.D
Acq On : 03 Jul 2024 22:53
Operator : MD/SY
Sample : P3136-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BK8

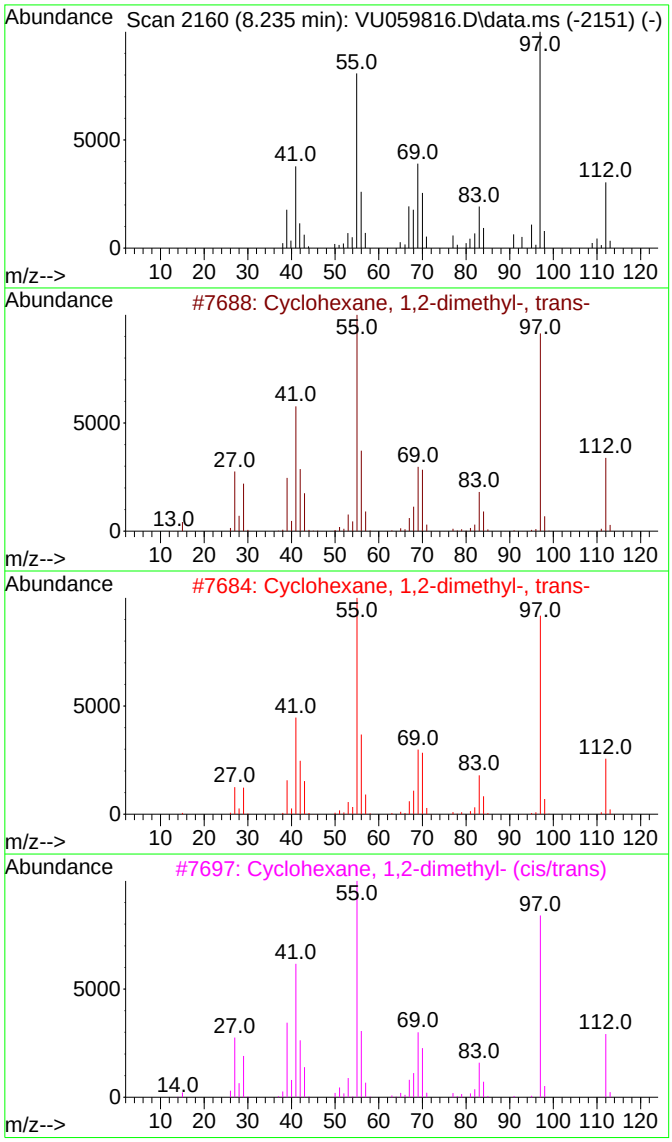
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

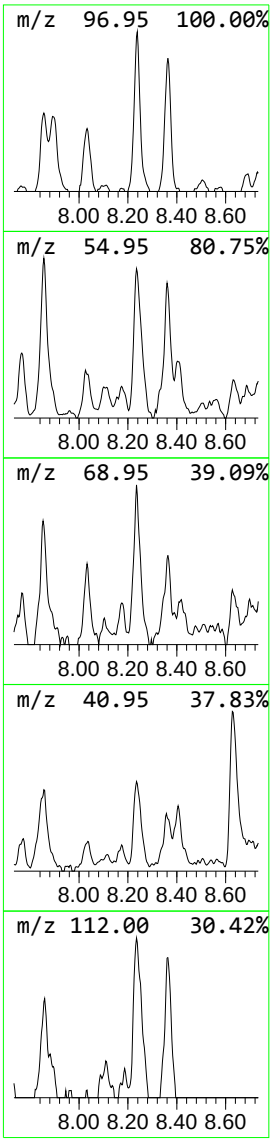
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Cyclic8.235 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.235	0.96 ug/L	91888	Chlorobenzene-d5	9.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	91
2	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	87
3	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	87
4	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	87
5	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	87





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Data File : VU059816.D
Acq On : 03 Jul 2024 22:53
Operator : MD/SY
Sample : P3136-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BK8

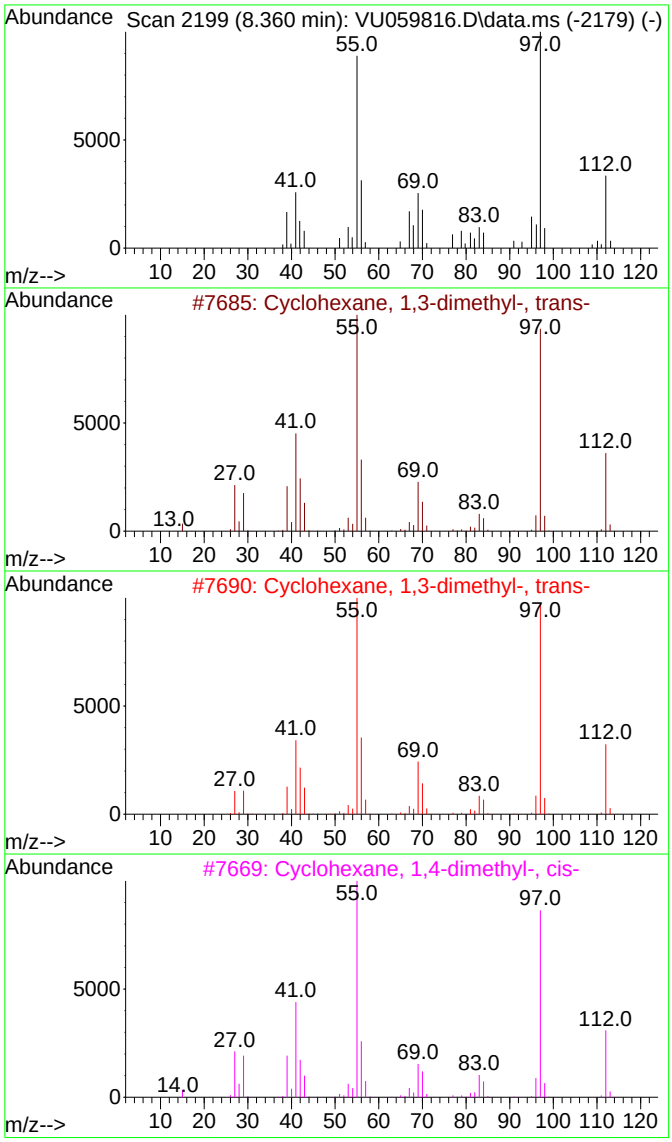
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

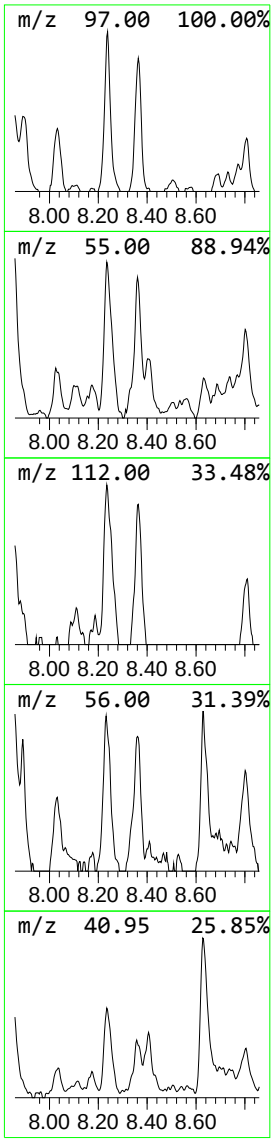
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Cyclic8.360 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.360	0.68 ug/L	65058	Chlorobenzene-d5	9.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	91
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	91
3	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	91
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	91
5	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059816.D
Acq On : 03 Jul 2024 22:53
Operator : MD/SY
Sample : P3136-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BK8

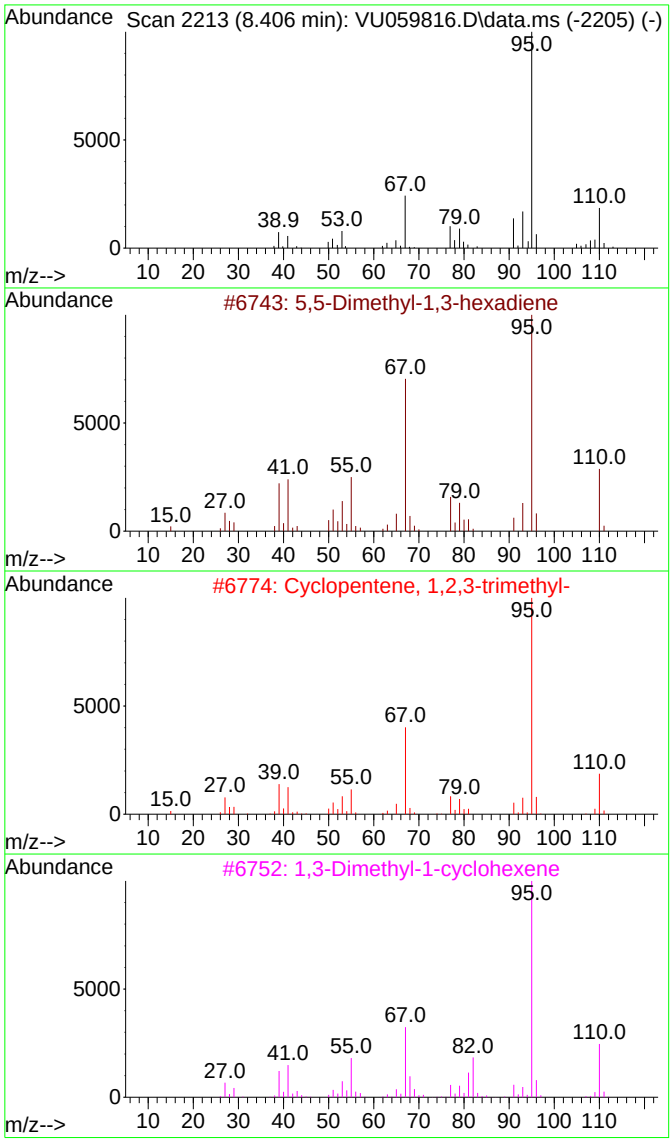
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

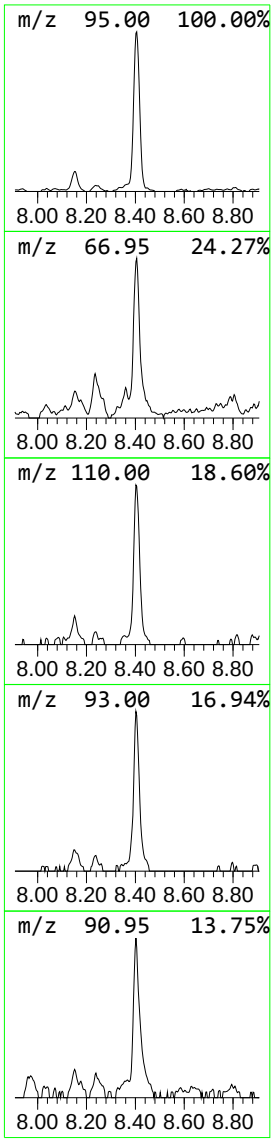
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 5,5-Dimethyl-1,3-hexadiene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.406	1.24 ug/L	118949	Chlorobenzene-d5	9.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	86
2	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	78
3	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	72
4	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1010142-17-5	64
5	5-Octen-2-yn-4-ol	124	C8H12O	1010196-87-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059816.D
Acq On : 03 Jul 2024 22:53
Operator : MD/SY
Sample : P3136-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BK8

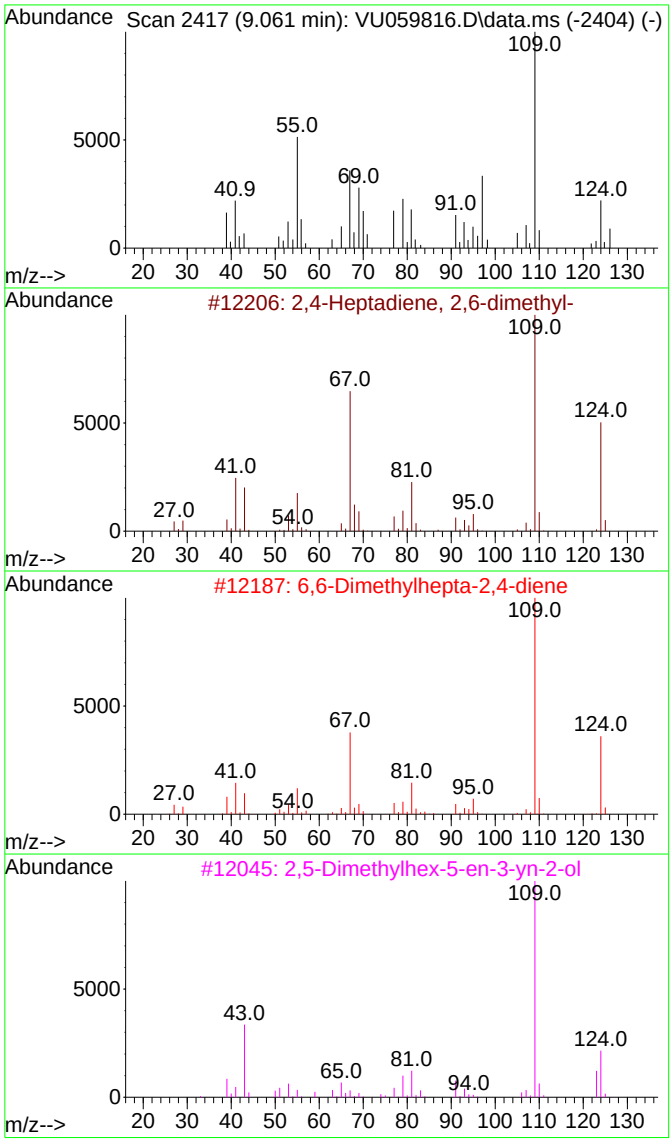
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

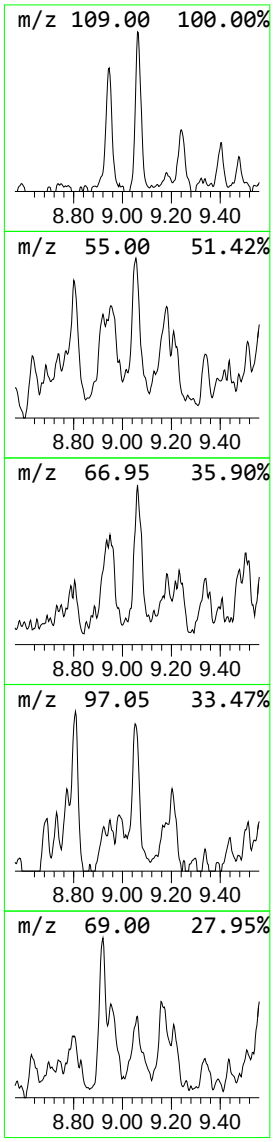
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 2,4-Heptadiene, 2,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.061	0.63 ug/L	59909	Chlorobenzene-d5	9.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Heptadiene, 2,6-dimethyl-	124	C9H16	004634-87-1	70
2	6,6-Dimethylhepta-2,4-diene	124	C9H16	1000195-03-3	58
3	2,5-Dimethylhex-5-en-3-yn-2-ol	124	C8H12O	1000302-74-9	52
4	Cyclopentane, 2-ethylidene-1,1-d...	124	C9H16	056324-66-4	52
5	2,4-Heptadiene, 2,4-dimethyl-	124	C9H16	074421-05-9	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059816.D
Acq On : 03 Jul 2024 22:53
Operator : MD/SY
Sample : P3136-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BK8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

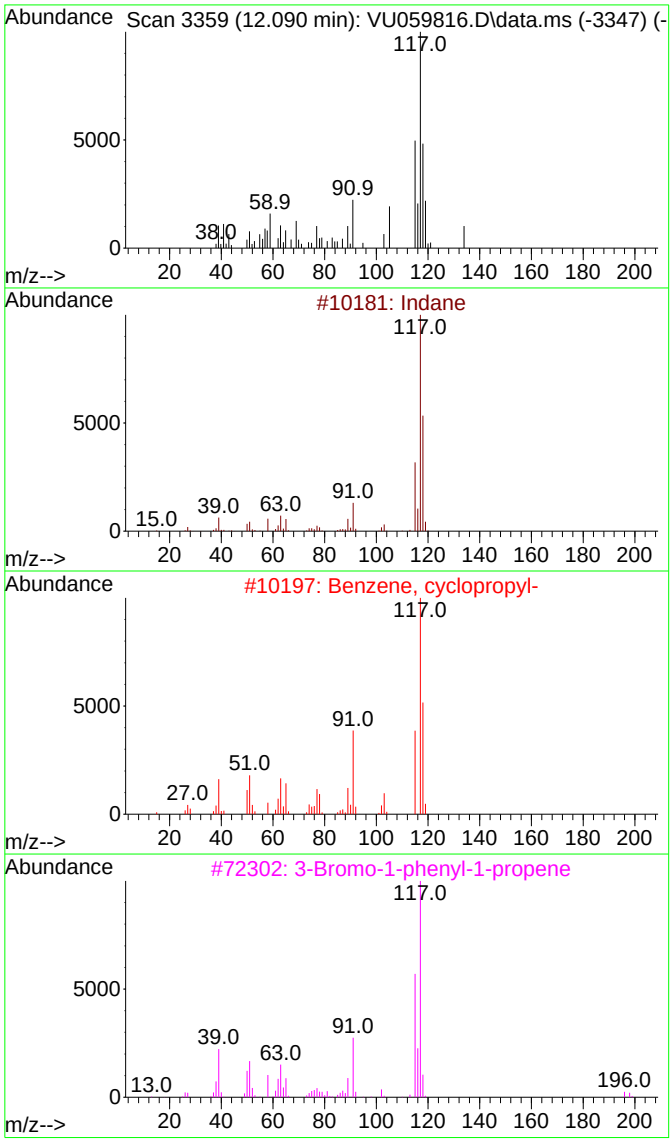
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

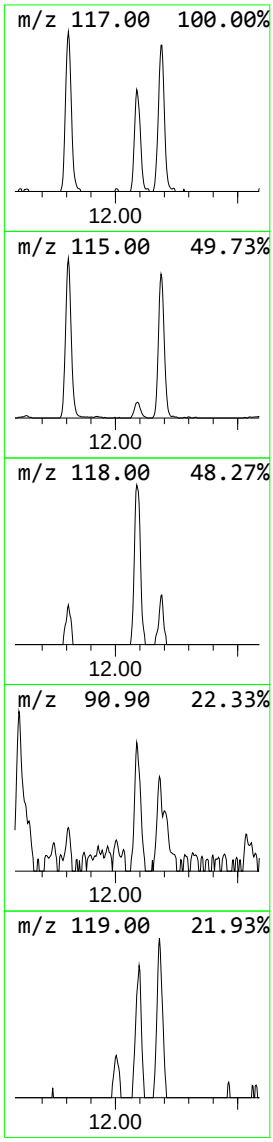
****

Peak Number 14 Indane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.090	0.54 ug/L	48348	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	55
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	49
3	3-Bromo-1-phenyl-1-propene	196	C9H9Br	004392-24-9	47
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	46
5	7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059816.D
Acq On : 03 Jul 2024 22:53
Operator : MD/SY
Sample : P3136-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BK8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.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...	1.358	1.5	ug/L	107824	1	6.242	349918	5.0
(DEL) Alkane: S...	4.428	0.8	ug/L	54464	1	6.242	349918	5.0
(DEL) Alkane: S...	5.454	2.1	ug/L	149519	1	6.242	349918	5.0
(DEL) Alkane: C...	5.627	0.5	ug/L	35531	1	6.242	349918	5.0
(DEL) Alkane: S...	5.891	2.9	ug/L	202424	1	6.242	349918	5.0
(DEL) Alkane: C...	7.065	1.1	ug/L	77718	1	6.242	349918	5.0
(DEL) Alkane: S...	7.248	2.5	ug/L	171896	1	6.242	349918	5.0
(DEL) Alkane: S...	7.373	2.6	ug/L	183285	1	6.242	349918	5.0
(DEL) Alkane: C...	8.235	1.0	ug/L	91888	2	9.412	479070	5.0
(DEL) Alkane: C...	8.360	0.7	ug/L	65058	2	9.412	479070	5.0
5,5-Dimethyl-1,...	8.406	1.2	ug/L	118949	2	9.412	479070	5.0
2,4-Heptadiene,...	9.061	0.6	ug/L	59909	2	9.412	479070	5.0
Indane	12.090	0.5	ug/L	48348	3	11.807	447641	5.0