LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111624\
Data File : VU061757.D
Acq On : 16 Nov 2024 21:18
Operator : MD/SY
Sample : P4761-02
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A0AL2

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\SFAMUTR111324WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU061757.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	15	21	26	rBV	99118	98810	15.76%	1.331%
2	1.387	26	30	41	rVB	44840	49296	7.86%	0.664%
3	1.487	54	61	70	rBV2	23325	24002	3.83%	0.323%
4	1.596	82	95	106	rBV	142788	180397	28.77%	2.430%
5	1.654	107	113	119	rVV	13121	14455	2.31%	0.195%
6	1.728	128	136	149	rVB	92293	114939	18.33%	1.548%
7	1.908	181	192	208	rBV	48670	68315	10.90%	0.920%
8	1.991	208	218	227	rBV	30386	42421	6.77%	0.572%
9	2.197	274	282	300	rVB2	39328	60319	9.62%	0.813%
10	2.313	307	318	328	rVB2	7910	12073	1.93%	0.163%
11	2.374	328	337	344	rBV	16960	24933	3.98%	0.336%
12	2.458	357	363	377	rVB3	5556	9102	1.45%	0.123%
13	2.560	382	395	411	rVV	96054	158674	25.31%	2.138%
14	2.673	417	430	446	rBV4	4882	14741	2.35%	0.199%
15	2.978	506	525	532	rBV7	3978	11379	1.81%	0.153%
16	3.040	535	544	549	rVV5	4551	9416	1.50%	0.127%
17	3.075	549	555	564	rVB3	5363	9379	1.50%	0.126%
18	3.178	576	587	605	rVB	19990	46608	7.43%	0.628%
19	3.351	628	641	663	rVB3	12210	30566	4.87%	0.412%
20	3.692	732	747	763	rVB3	8985	20974	3.35%	0.283%
21	3.988	824	839	855	rVB8	2730	7759	1.24%	0.105%
22	4.647	1024	1044	1076	rBV3	66183	233586	37.25%	3.147%
23	5.059	1156	1172	1213	rBV2	137884	371621	59.27%	5.007%
24	5.380	1255	1272	1285	rBV5	8926	22987	3.67%	0.310%
25	5.448	1285	1293	1306	rVB7	2819	6608	1.05%	0.089%
26	5.586	1326	1336	1346	rBV3	4594	10064	1.61%	0.136%
27	5.718	1358	1377	1408	rBV2	189015	518996	82.77%	6.992%
28	5.972	1446	1456	1470	rBV7	5632	11926	1.90%	0.161%
29	6.133	1496	1506	1514	rBV8	3950	8129	1.30%	0.110%
30	6.242	1528	1540	1575	rBV	185853	367009	58.53%	4.944%
31	6.682	1660	1677	1690	rBV	115328	224171	35.75%	3.020%
32	6.753	1691	1699	1712	rVB5	20886	42164	6.72%	0.568%
33	7.560	1939	1950	1972	rVB	49252	94008	14.99%	1.267%
34	7.850	2028	2040	2043	rBV5	8791	14299	2.28%	0.193%
35	7.891	2043	2053	2068	rVV	233338	415586	66.28%	5.599%
36	7.965	2069	2076	2087	rVV	16768	31716	5.06%	0.427%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111624\
Data File : VU061757.D
Acq On : 16 Nov 2024 21:18
Operator : MD/SY
Sample : P4761-02
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A0AL2

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\SFAMUTR111324WMA.M
Title : TRACE VOA SFAM1.0

37	8.033	2089	2097	2110	rVB5	6372	13142	2.10%	0.177%
38	8.178	2129	2142	2152	rBV2	28861	53411	8.52%	0.720%
39	8.235	2152	2160	2172	rVB5	11779	24033	3.83%	0.324%
40	8.358	2187	2198	2208	rBV5	9647	19185	3.06%	0.258%
41	8.483	2223	2237	2249	rBV3	8130	15579	2.48%	0.210%
42	8.631	2272	2283	2312	rBV2	223753	476916	76.06%	6.425%
43	8.740	2312	2317	2326	rVV2	11608	21884	3.49%	0.295%
44	8.798	2326	2335	2345	rVV8	12337	28233	4.50%	0.380%
45	8.859	2345	2354	2365	rVV2	12526	24065	3.84%	0.324%
46	8.920	2365	2373	2395	rVB9	8062	21142	3.37%	0.285%
47	9.338	2492	2503	2513	rBV8	5593	11155	1.78%	0.150%
48	9.412	2513	2526	2529	rBV	287910	428712	68.37%	5.776%
49	9.438	2530	2534	2548	rVV	387088	627023	100.00%	8.447%
50	9.502	2550	2554	2565	rVV3	21947	36820	5.87%	0.496%
51	9.563	2565	2573	2584	rVB8	8858	15635	2.49%	0.211%
52	9.686	2596	2611	2625	rBV5	48474	100984	16.11%	1.360%
53	9.882	2660	2672	2683	rVB9	6754	13138	2.10%	0.177%
54	10.030	2707	2718	2732	rBV10	11978	32793	5.23%	0.442%
55	10.097	2732	2739	2752	rVV3	13565	27068	4.32%	0.365%
56	10.161	2752	2759	2770	rVB5	5281	9569	1.53%	0.129%
57	10.268	2784	2792	2803	rVB7	6098	10928	1.74%	0.147%
58	10.367	2805	2823	2837	rBV7	8242	24409	3.89%	0.329%
59	10.480	2849	2858	2868	rVB2	11061	17288	2.76%	0.233%
60	10.637	2892	2907	2915	rBV2	2782	6333	1.01%	0.085%
61	10.695	2915	2925	2932	rBV10	6332	11254	1.79%	0.152%
62	10.750	2932	2942	2954	rVB	95899	157341	25.09%	2.120%
63	11.084	3034	3046	3054	rBV	3833	7496	1.20%	0.101%
64	11.287	3099	3109	3125	rVV	11589	21372	3.41%	0.288%
65	11.409	3132	3147	3157	rBV4	10216	23160	3.69%	0.312%
66	11.464	3157	3164	3174	rVB2	8353	13138	2.10%	0.177%
67	11.605	3198	3208	3211	rBV3	8233	12585	2.01%	0.170%
68	11.634	3213	3217	3229	rVB5	10846	16485	2.63%	0.222%
69	11.743	3243	3251	3258	rBV4	5944	9037	1.44%	0.122%
70	11.804	3258	3270	3288	rVB	264673	447743	71.41%	6.032%
71	12.001	3324	3331	3342	rVB3	12009	18987	3.03%	0.256%
72	12.087	3346	3358	3371	rBV2	94946	156201	24.91%	2.104%
73	12.187	3376	3389	3413	rVB	236810	410019	65.39%	5.524%
74	12.296	3414	3423	3432	rBV4	10256	16854	2.69%	0.227%
75	12.370	3440	3446	3455	rBV2	4690	6574	1.05%	0.089%
76	12.563	3497	3506	3514	rBV	39055	57632	9.19%	0.776%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111624\
Data File : VU061757.D
Acq On : 16 Nov 2024 21:18
Operator : MD/SY
Sample : P4761-02
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A0AL2

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\SFAMUTR111324WMA.M
Title : TRACE VOA SFAM1.0

77	12.608	3514	3520	3531	rVV7	10027	20197	3.22%	0.272%
78	12.676	3532	3541	3559	rVB3	42414	91993	14.67%	1.239%
79	12.856	3590	3597	3606	rVB3	15556	24100	3.84%	0.325%
80	12.968	3613	3632	3643	rBV2	39782	72461	11.56%	0.976%
81	13.103	3663	3674	3685	rVB10	7374	14129	2.25%	0.190%
82	13.219	3704	3710	3715	rVV4	5240	7623	1.22%	0.103%
83	13.287	3724	3731	3748	rVB2	16188	26771	4.27%	0.361%
84	13.444	3762	3780	3796	rBV3	72670	132149	21.08%	1.780%
85	13.621	3829	3835	3846	rVB9	4604	8875	1.42%	0.120%
86	13.782	3877	3885	3892	rBV3	7486	10030	1.60%	0.135%
87	13.833	3892	3901	3913	rBV8	11311	20067	3.20%	0.270%
88	13.907	3918	3924	3927	rVV3	8245	12001	1.91%	0.162%
89	13.933	3927	3932	3949	rVB3	12708	27774	4.43%	0.374%
90	14.094	3975	3982	3984	rBV2	6728	7962	1.27%	0.107%
91	14.280	4033	4040	4049	rVB7	7116	10748	1.71%	0.145%
92	14.341	4049	4059	4068	rVB8	4725	8665	1.38%	0.117%
93	14.483	4090	4103	4109	rBV3	6115	11258	1.80%	0.152%
94	14.663	4149	4159	4173	rBV5	7261	15353	2.45%	0.207%
95	14.804	4194	4203	4213	rBV5	4611	7671	1.22%	0.103%
96	14.872	4213	4224	4235	rVB6	5765	10217	1.63%	0.138%
97	15.013	4259	4268	4277	rBV9	3924	6839	1.09%	0.092%
98	15.264	4338	4346	4362	rVB9	4305	7750	1.24%	0.104%
99	15.412	4381	4392	4402	rBV3	11100	19694	3.14%	0.265%
100	16.878	4840	4848	4861	rBV2	14440	21549	3.44%	0.290%

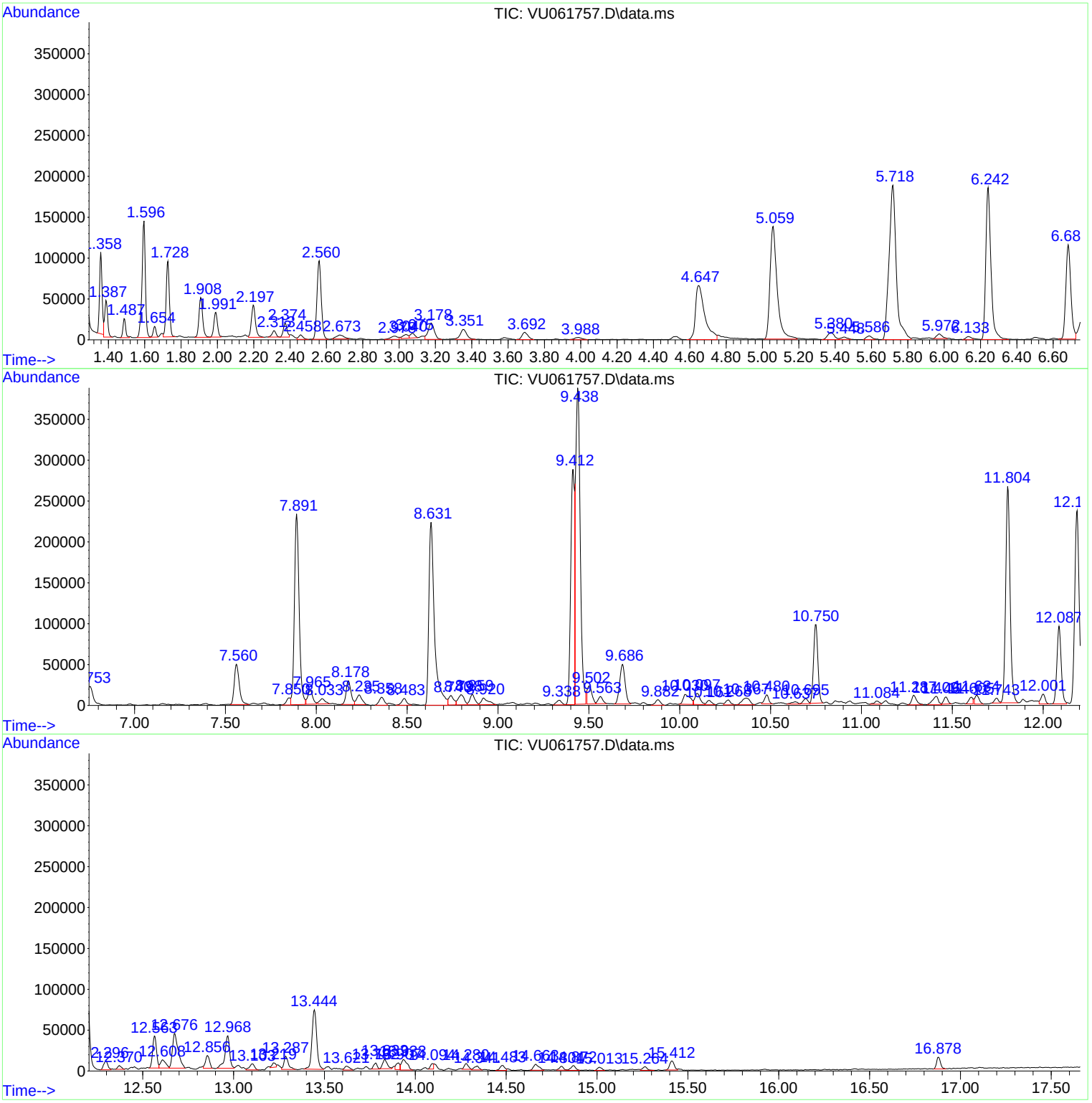
Sum of corrected areas: 7422627

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111624\
Data File : VU061757.D
Acq On : 16 Nov 2024 21:18
Operator : MD/SY
Sample : P4761-02
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A0AL2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.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\VU111624\
Data File : VU061757.D
Acq On : 16 Nov 2024 21:18
Operator : MD/SY
Sample : P4761-02
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A0AL2

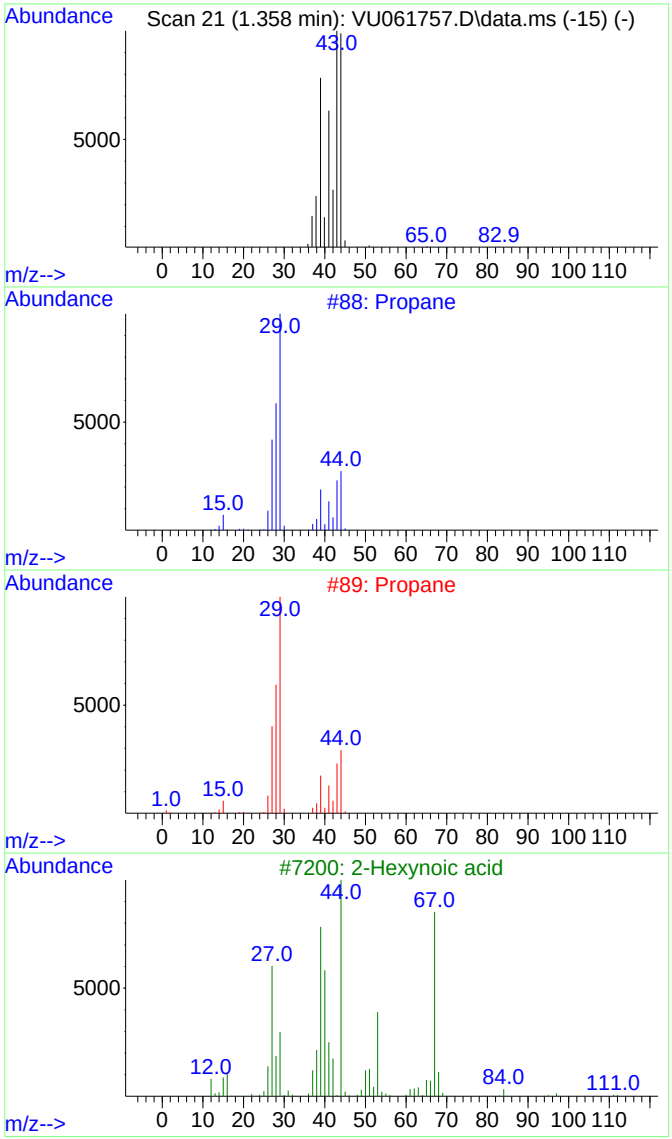
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

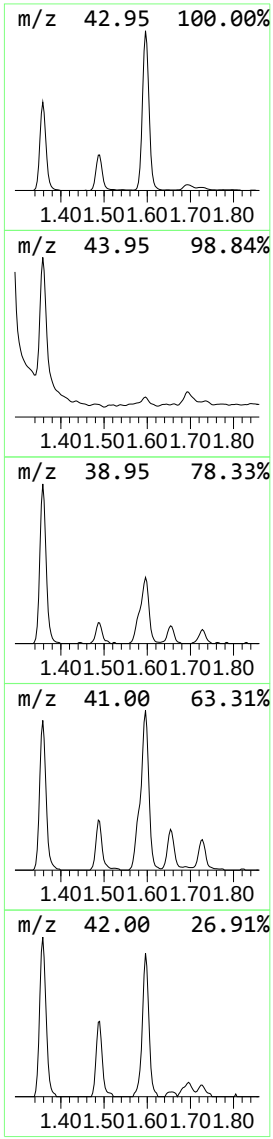
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.358	1.35 ug/L	98810	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane	44	C3H8	000074-98-6	90
2	Propane	44	C3H8	000074-98-6	56
3	2-Hexynoic acid	112	C6H8O2	000764-33-0	43
4	2-Butenal, (E)-	70	C4H6O	000123-73-9	39
5	Propane	44	C3H8	000074-98-6	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111624\
Data File : VU061757.D
Acq On : 16 Nov 2024 21:18
Operator : MD/SY
Sample : P4761-02
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A0AL2

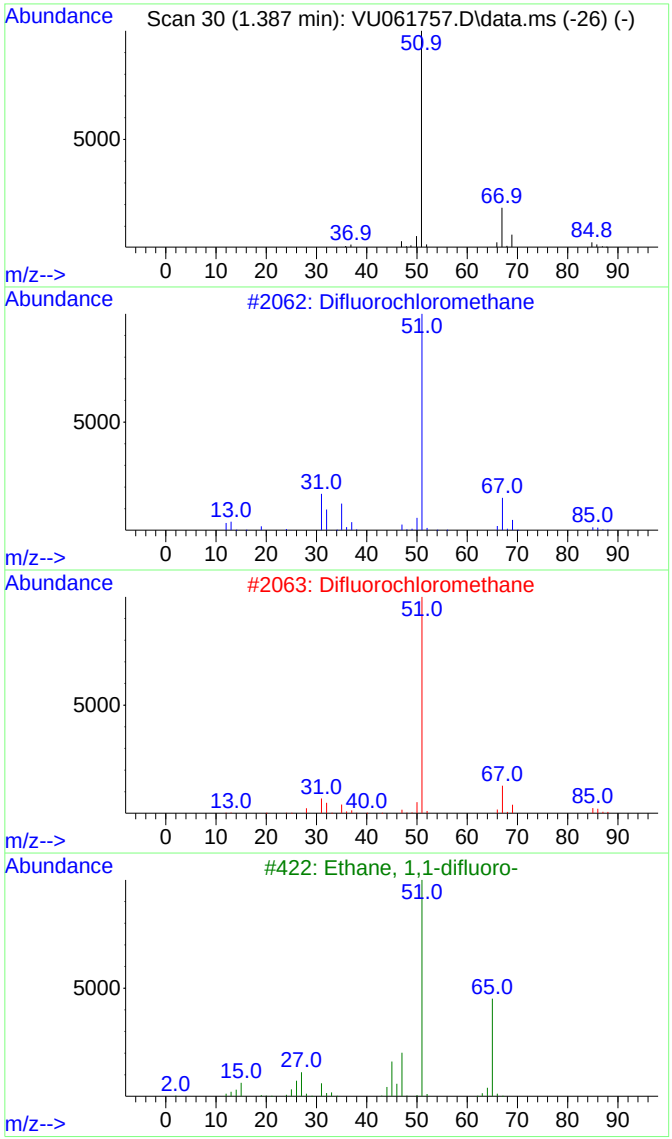
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

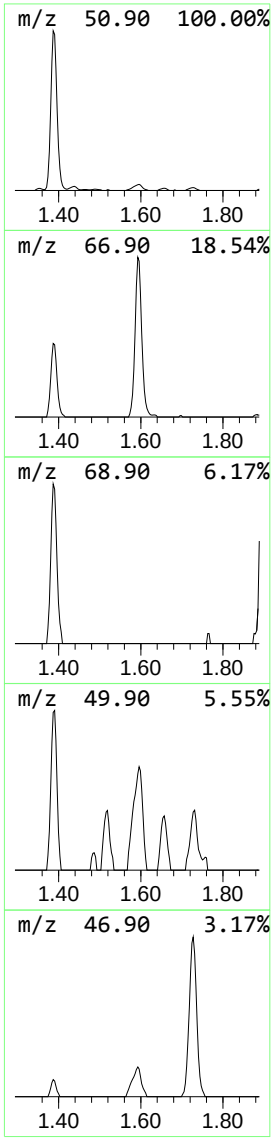
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Difluorochloromethane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.387	0.67 ug/L	49296	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Difluorochloromethane	86	CHClF2	000075-45-6	91
2	Difluorochloromethane	86	CHClF2	000075-45-6	74
3	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	7
4	Propiolonitrile	51	C3HN	001070-71-9	3
5	2-p-Nitrobenzoyl-1,3,5-tribenzyl...	569	C33H31NO8	1000129-85-6	2





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111624\
Data File : VU061757.D
Acq On : 16 Nov 2024 21:18
Operator : MD/SY
Sample : P4761-02
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A0AL2

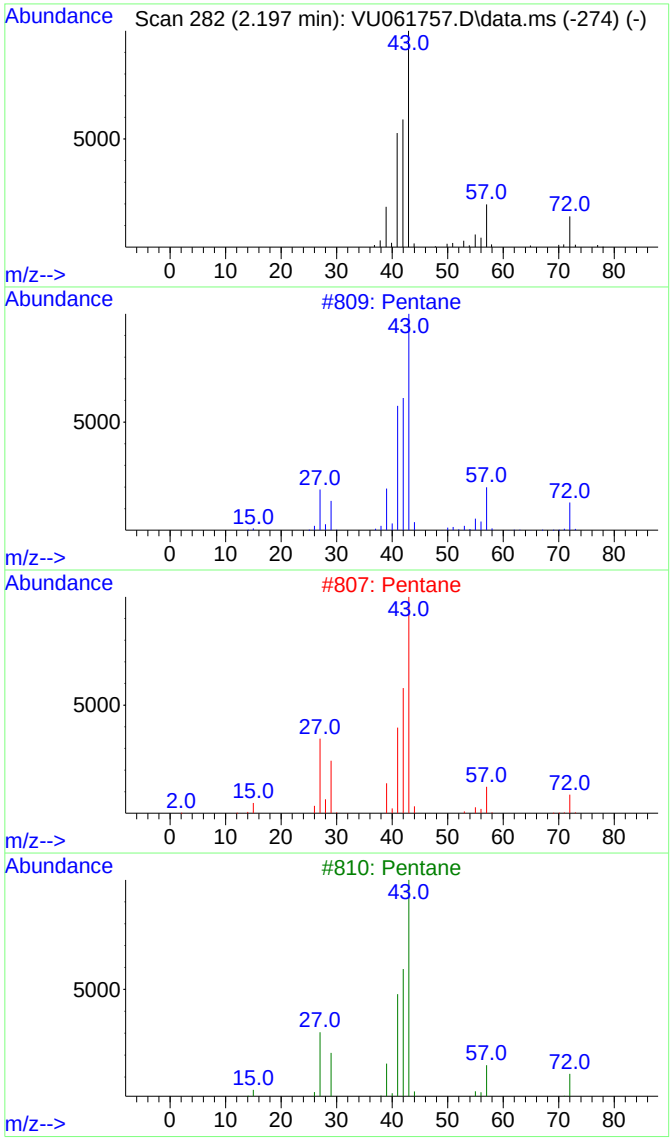
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

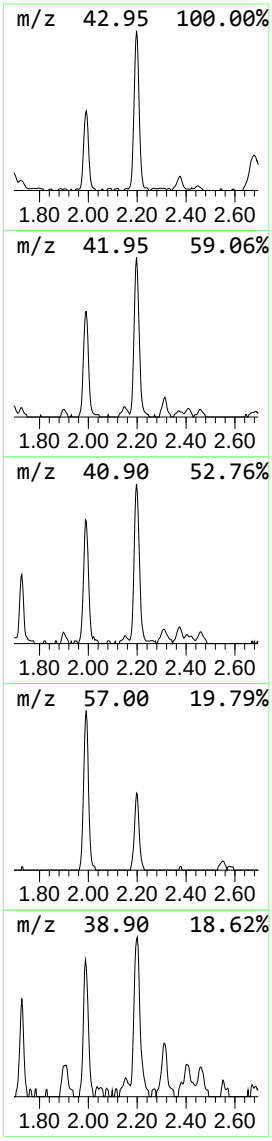
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.197	0.82 ug/L	60319	1,4-Difluorobenzene	6.242

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	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111624\
Data File : VU061757.D
Acq On : 16 Nov 2024 21:18
Operator : MD/SY
Sample : P4761-02
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A0AL2

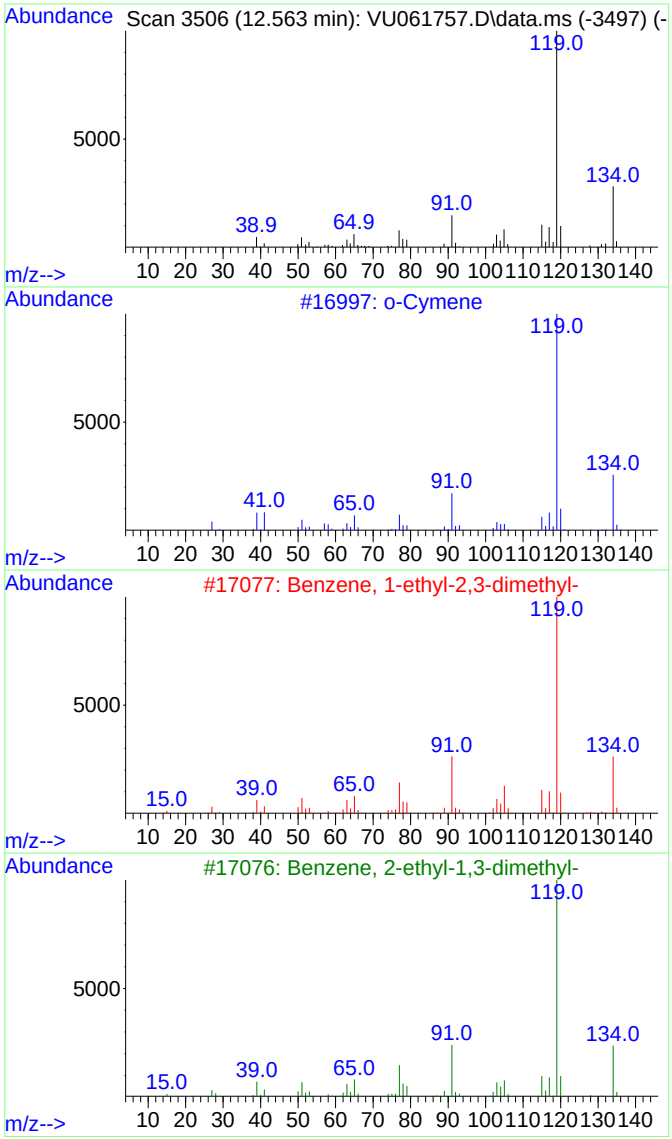
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

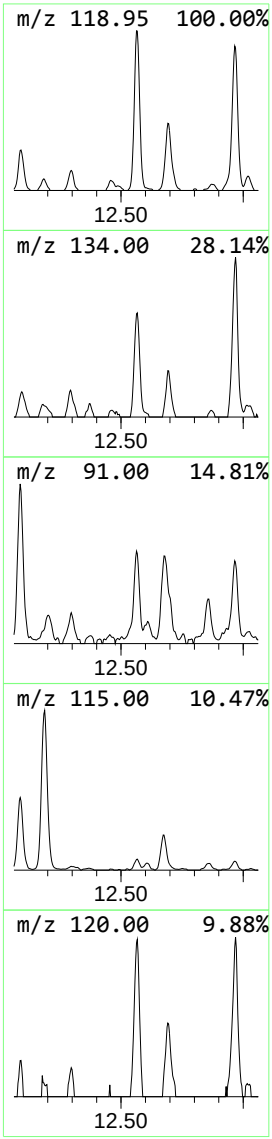
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 o-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.563	0.64 ug/L	57632	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	p-Cymene	134	C10H14	000099-87-6	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111624\
Data File : VU061757.D
Acq On : 16 Nov 2024 21:18
Operator : MD/SY
Sample : P4761-02
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A0AL2

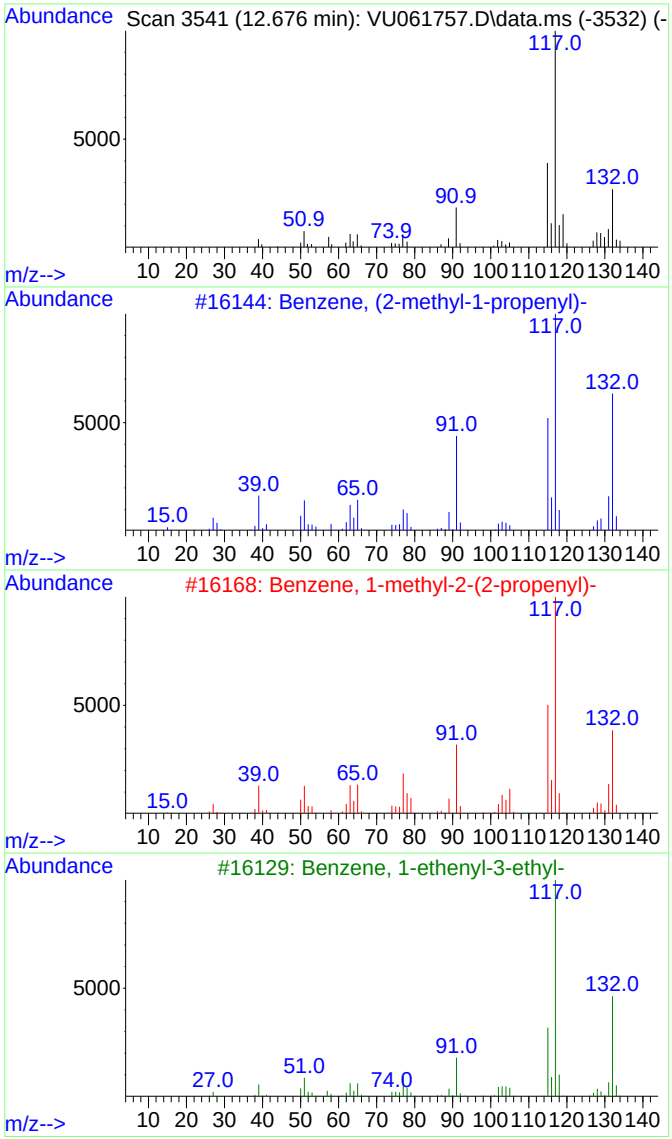
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

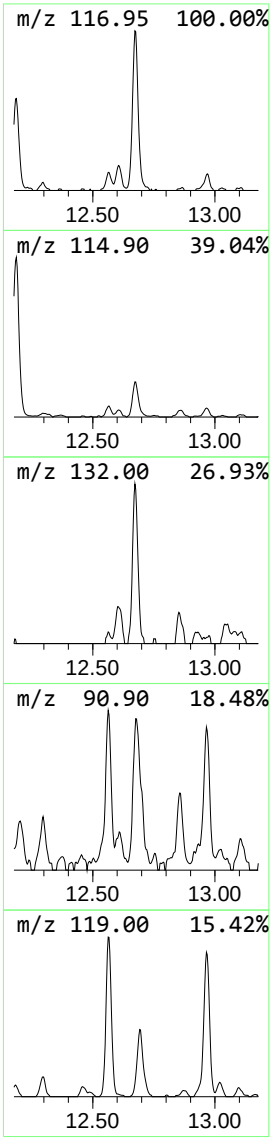
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, (2-methyl-1-propen... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.676	1.03 ug/L	91993	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	86
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111624\
Data File : VU061757.D
Acq On : 16 Nov 2024 21:18
Operator : MD/SY
Sample : P4761-02
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A0AL2

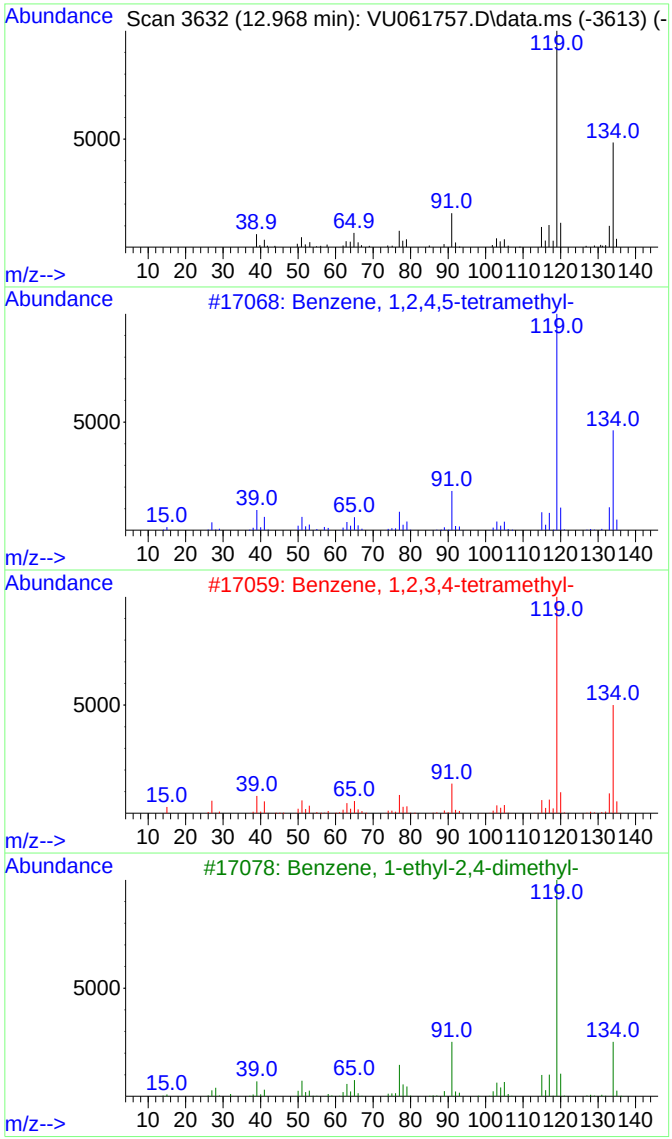
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

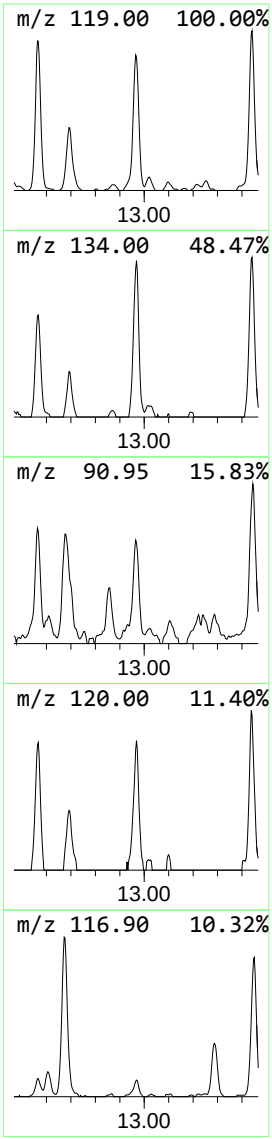
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.968	0.81 ug/L	72461	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111624\
Data File : VU061757.D
Acq On : 16 Nov 2024 21:18
Operator : MD/SY
Sample : P4761-02
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A0AL2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.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	1.4	ug/L	98810	1	6.242	367009	5.0
Difluorochlorom...	1.387	0.7	ug/L	49296	1	6.242	367009	5.0
(DEL) Alkane: S...	2.197	0.8	ug/L	60319	1	6.242	367009	5.0
o-Cymene	12.563	0.6	ug/L	57632	3	11.804	447743	5.0
Benzene, (2-met...	12.676	1.0	ug/L	91993	3	11.804	447743	5.0
Benzene, 1,2,4,...	12.968	0.8	ug/L	72461	3	11.804	447743	5.0