LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL033125\
Data File : VL042206.D
Acq On : 31 Mar 2025 12:26
Operator : SY/MD
Sample : Q1669-06DUP
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SSSG-DUP-1-3262025DUP

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 3 Min Area: 3 % of largest Peak
Start Thrs: 0.001 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 0

Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

Signal : TIC: VL042206.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.434	412	416	418	rBV	3916230	3665649	100.00%	10.863%
2	1.444	418	419	423	rVB4	4125792	1926430	52.55%	5.709%
3	1.489	429	433	436	rBV	1686927	753998	20.57%	2.234%
4	1.515	439	441	446	rVB	127725	78654	2.15%	0.233%
5	1.567	453	457	461	rBV	716074	373156	10.18%	1.106%
6	1.609	465	470	473	rVV	699812	476016	12.99%	1.411%
7	1.629	473	476	480	rVV	1109405	630463	17.20%	1.868%
8	1.651	480	483	490	rVV2	74687	53071	1.45%	0.157%
9	1.693	490	496	501	rVB2	72597	70202	1.92%	0.208%
10	1.732	501	508	518	rBV	375275	249592	6.81%	0.740%
11	1.855	539	546	552	rBV2	1599634	1767618	48.22%	5.238%
12	1.897	552	559	562	rBV2	52410	47330	1.29%	0.140%
13	1.917	562	565	570	rVV2	59323	42590	1.16%	0.126%
14	1.949	570	575	578	rVV	84978	60420	1.65%	0.179%
15	1.975	578	583	588	rVV	954744	653118	17.82%	1.935%
16	2.004	588	592	593	rVV2	86097	63934	1.74%	0.189%
17	2.014	593	595	599	rVB	97949	58467	1.59%	0.173%
18	2.059	604	609	612	rBV4	60299	56820	1.55%	0.168%
19	2.091	615	619	627	rVB	144397	122296	3.34%	0.362%
20	2.189	644	649	651	rBV2	68413	58126	1.59%	0.172%
21	2.205	651	654	660	rVB3	72137	62902	1.72%	0.186%
22	2.341	691	696	702	rBV5	32303	40078	1.09%	0.119%
23	2.457	716	732	736	rBV5	160187	236806	6.46%	0.702%
24	2.490	736	742	749	rVB	671898	659966	18.00%	1.956%
25	2.574	763	768	778	rVV	407089	389007	10.61%	1.153%
26	2.642	778	789	797	rVB	349062	372470	10.16%	1.104%
27	2.703	797	808	816	rVB4	46922	66365	1.81%	0.197%
28	2.807	831	840	845	rBV	703785	724484	19.76%	2.147%
29	2.846	845	852	864	rVB	478801	547936	14.95%	1.624%
30	3.079	919	924	935	rBV2	126974	151883	4.14%	0.450%
31	3.250	967	977	986	rBV	244583	317688	8.67%	0.941%
32	3.305	986	994	1009	rVB3	81009	126654	3.46%	0.375%
33	3.681	1095	1110	1119	rBV	508370	751076	20.49%	2.226%
34	3.881	1161	1172	1184	rBV3	126838	208830	5.70%	0.619%
35	3.985	1193	1204	1217	rVB2	879749	1393998	38.03%	4.131%
36	4.079	1217	1233	1242	rVV3	128945	250263	6.83%	0.742%

LSC Area Percent Report

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Acq On : 31 Mar 2025 12:26
Operator : SY/MD
Sample : Q1669-06DUP
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SSSG-DUP-1-3262025DUP

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 3 Min Area: 3 % of largest Peak
Start Thrs: 0.001 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 0

Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

37	4.124	1242	1247	1260	rVB3	69661	116608	3.18%	0.346%
38	4.296	1288	1300	1314	rVB3	132041	260126	7.10%	0.771%
39	4.474	1344	1355	1367	rVB7	35989	70859	1.93%	0.210%
40	4.551	1367	1379	1393	rBV7	35243	91838	2.51%	0.272%
41	4.671	1404	1416	1433	rVB2	235971	541863	14.78%	1.606%
42	5.014	1509	1522	1538	rVB3	127642	266205	7.26%	0.789%
43	5.707	1717	1736	1752	rVB4	133509	348492	9.51%	1.033%
44	5.814	1757	1769	1770	rBV2	38007	48828	1.33%	0.145%
45	5.820	1770	1771	1788	rVB5	33082	51884	1.42%	0.154%
46	6.306	1914	1921	1932	rVB8	32296	68260	1.86%	0.202%
47	6.775	2053	2066	2076	rBV8	16543	42735	1.17%	0.127%
48	6.859	2079	2092	2106	rVV5	68107	158169	4.31%	0.469%
49	6.966	2110	2125	2147	rVB	860662	1779449	48.54%	5.273%
50	7.218	2192	2203	2217	rVB4	37011	70492	1.92%	0.209%
51	7.409	2247	2262	2270	rBV6	70273	136395	3.72%	0.404%
52	7.626	2316	2329	2331	rBV3	70871	100193	2.73%	0.297%
53	7.646	2334	2335	2346	rVB3	65470	73815	2.01%	0.219%
54	7.924	2409	2421	2436	rBV3	44538	106464	2.90%	0.315%
55	8.163	2485	2495	2505	rBV8	28554	50385	1.37%	0.149%
56	8.328	2530	2546	2563	rVB5	133491	271249	7.40%	0.804%
57	8.908	2709	2725	2735	rBV	1183203	1759618	48.00%	5.214%
58	9.008	2747	2756	2761	rBV7	46633	73393	2.00%	0.217%
59	9.170	2799	2806	2820	rVB4	37770	63498	1.73%	0.188%
60	9.380	2861	2871	2884	rBV	209818	317419	8.66%	0.941%
61	9.555	2913	2925	2943	rVB2	550131	1061044	28.95%	3.144%
62	9.655	2943	2956	2974	rBV	288536	425158	11.60%	1.260%
63	9.743	2974	2983	2984	rVV2	38037	49989	1.36%	0.148%
64	9.749	2984	2985	2995	rVB4	47820	50610	1.38%	0.150%
65	9.817	2998	3006	3013	rBV3	34104	50407	1.38%	0.149%
66	9.895	3015	3030	3039	rVB4	155309	247078	6.74%	0.732%
67	9.986	3046	3058	3068	rBV	290245	390151	10.64%	1.156%
68	10.397	3166	3185	3195	rBV	1524158	2032322	55.44%	6.023%
69	10.824	3310	3317	3327	rVB7	38241	54344	1.48%	0.161%
70	10.921	3339	3347	3359	rBV3	43934	58164	1.59%	0.172%
71	11.012	3361	3375	3379	rBV	61943	87273	2.38%	0.259%
72	11.115	3400	3407	3412	rBV	199230	225817	6.16%	0.669%
73	11.144	3412	3416	3427	rVB2	100044	113805	3.10%	0.337%
74	11.222	3427	3440	3448	rBV3	117077	140244	3.83%	0.416%
75	11.358	3477	3482	3494	rVB	81854	95328	2.60%	0.282%
76	11.555	3535	3543	3553	rVB	311240	360764	9.84%	1.069%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL033125\
Data File : VL042206.D
Acq On : 31 Mar 2025 12:26
Operator : SY/MD
Sample : Q1669-06DUP
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SSSG-DUP-1-3262025DUP

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 3 Min Area: 3 % of largest Peak
Start Thrs: 0.001 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 0

Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

77	11.772	3597	3610	3624	rVB4	135989	198928	5.43%	0.590%
78	11.898	3642	3649	3655	rBV2	82727	94371	2.57%	0.280%
79	12.041	3682	3693	3694	rBV4	37962	45522	1.24%	0.135%
80	12.060	3694	3699	3706	rVV5	66820	87003	2.37%	0.258%
81	12.106	3706	3713	3721	rVB4	58556	74194	2.02%	0.220%
82	12.245	3749	3756	3763	rBV5	104223	113947	3.11%	0.338%
83	12.423	3802	3811	3816	rVB4	46132	53133	1.45%	0.157%
84	12.455	3816	3821	3827	rVB2	51111	48069	1.31%	0.142%
85	12.526	3836	3843	3847	rBV5	56293	72692	1.98%	0.215%
86	12.562	3851	3854	3861	rVB5	42504	41714	1.14%	0.124%
87	12.604	3861	3867	3879	rBV3	57419	75630	2.06%	0.224%
88	12.844	3935	3941	3947	rVB2	183909	170452	4.65%	0.505%
89	12.934	3962	3969	3975	rBV4	33168	41353	1.13%	0.123%
90	12.970	3975	3980	3988	rVV2	53300	56437	1.54%	0.167%
91	13.018	3988	3995	4005	rVB6	73598	90135	2.46%	0.267%
92	13.183	4039	4046	4050	rBV8	39523	42793	1.17%	0.127%
93	13.242	4058	4064	4070	rBV3	37532	44770	1.22%	0.133%
94	13.352	4091	4098	4106	rBV8	57070	94754	2.58%	0.281%
95	13.403	4106	4114	4120	rVB3	88553	96904	2.64%	0.287%
96	13.439	4120	4125	4130	rBV3	43878	41547	1.13%	0.123%
97	13.530	4148	4153	4158	rBV	62668	57871	1.58%	0.171%
98	13.675	4189	4198	4208	rVB9	58926	104754	2.86%	0.310%
99	13.740	4211	4218	4225	rBV	249961	237700	6.48%	0.704%
100	13.847	4245	4251	4255	rBV7	38337	44606	1.22%	0.132%
101	13.876	4255	4260	4264	rVV2	68025	67371	1.84%	0.200%
102	13.912	4264	4271	4278	rVB2	45558	66596	1.82%	0.197%
103	13.996	4287	4297	4302	rBV2	35605	51442	1.40%	0.152%
104	14.112	4324	4333	4336	rBV7	52081	61134	1.67%	0.181%
105	14.184	4348	4355	4361	rBV9	38994	61562	1.68%	0.182%
106	14.248	4364	4375	4391	rVV10	94252	210782	5.75%	0.625%
107	14.319	4391	4397	4402	rVB6	51316	51144	1.40%	0.152%
108	14.355	4402	4408	4415	rBV2	83532	89567	2.44%	0.265%
109	14.465	4434	4442	4449	rBV5	65385	103357	2.82%	0.306%
110	14.536	4458	4464	4476	rVB	297827	311117	8.49%	0.922%
111	14.604	4476	4485	4490	rBV8	37790	48252	1.32%	0.143%
112	14.682	4500	4509	4520	rBV7	88854	141368	3.86%	0.419%
113	14.915	4574	4581	4585	rBV4	51958	59880	1.63%	0.177%
114	15.012	4605	4611	4621	rVB10	38447	45074	1.23%	0.134%
115	15.067	4623	4628	4634	rBV7	36271	47985	1.31%	0.142%
116	15.122	4640	4645	4653	rVB2	71324	79136	2.16%	0.235%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL033125\
Data File : VL042206.D
Acq On : 31 Mar 2025 12:26
Operator : SY/MD
Sample : Q1669-06DUP
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SSSG-DUP-1-3262025DUP

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 3 Min Area: 3 % of largest Peak
Start Thrs: 0.001 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 0

Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

117	15.213	4666	4673	4676	rBV8	41240	44155	1.20%	0.131%
118	15.255	4681	4686	4694	rVV2	228150	231352	6.31%	0.686%
119	15.300	4694	4700	4706	rVB9	36272	49556	1.35%	0.147%
120	15.595	4789	4791	4805	rVB10	49646	75612	2.06%	0.224%

Sum of corrected areas: 33744812

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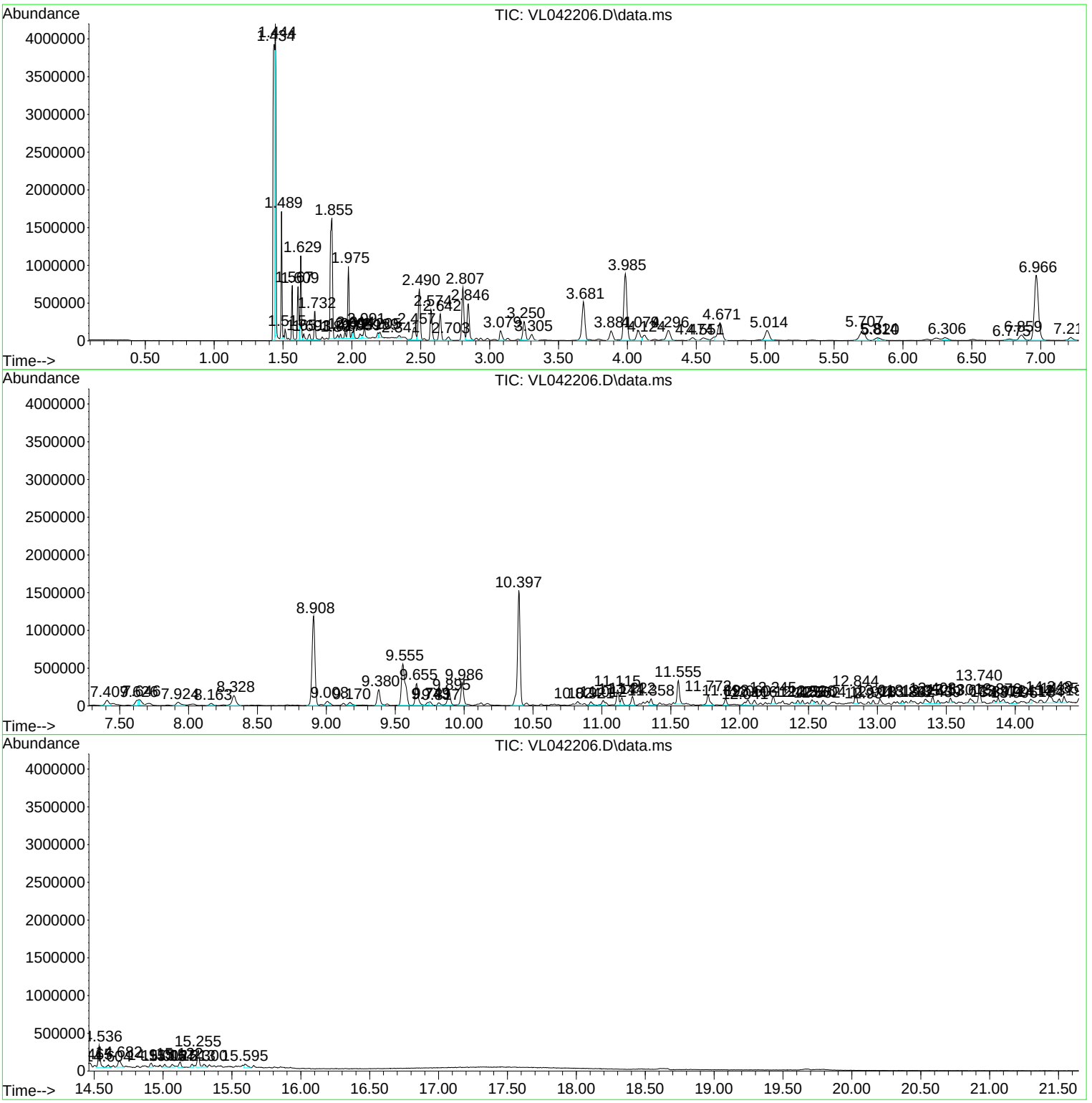
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SSSG-DUP-1-3262025DUP

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

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



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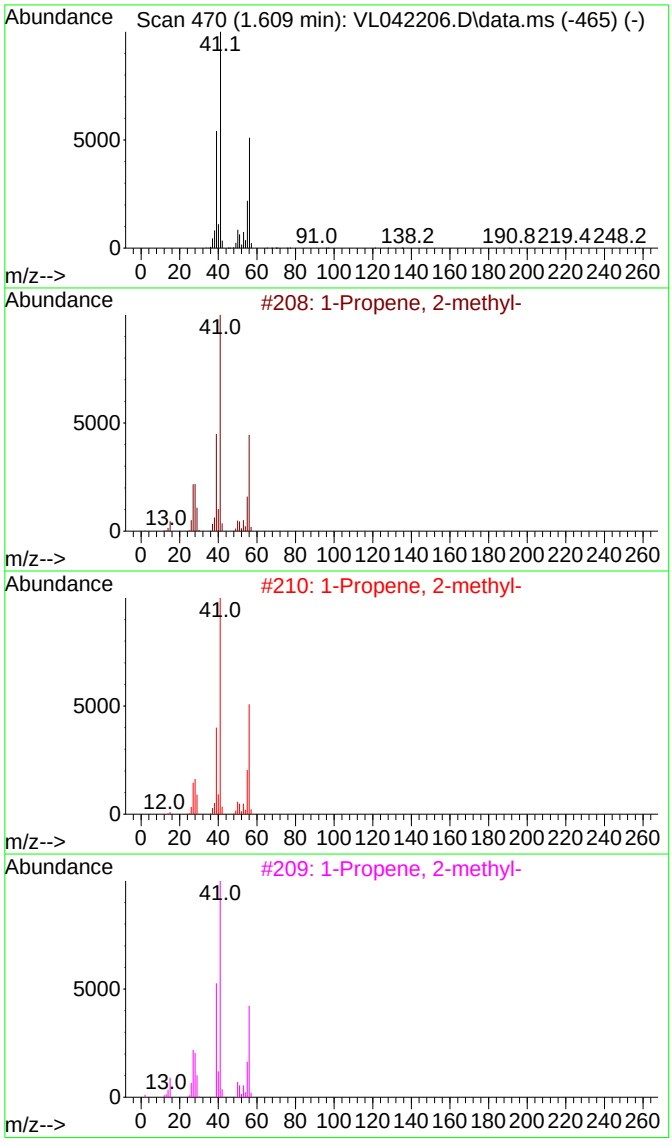
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

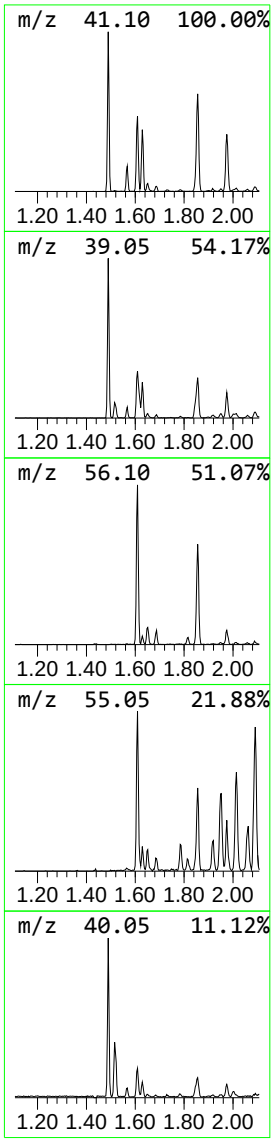
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1-Propene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.609	6.57 ppbv	476016	Bromochloromethane	2.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-	56	C4H8	000115-11-7	91
2	1-Propene, 2-methyl-	56	C4H8	000115-11-7	91
3	1-Propene, 2-methyl-	56	C4H8	000115-11-7	80
4	2-Butene	56	C4H8	000107-01-7	80
5	2-Butene, (Z)-	56	C4H8	000590-18-1	52





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Instrument :
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SSSG-DUP-1-3262025DUP

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

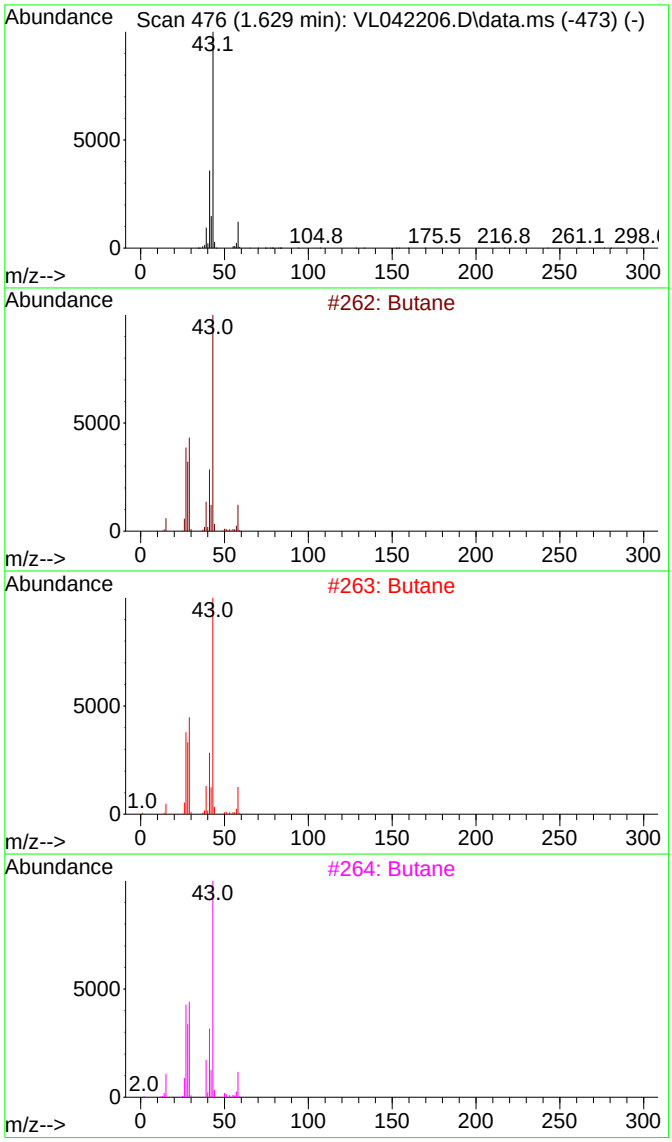
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

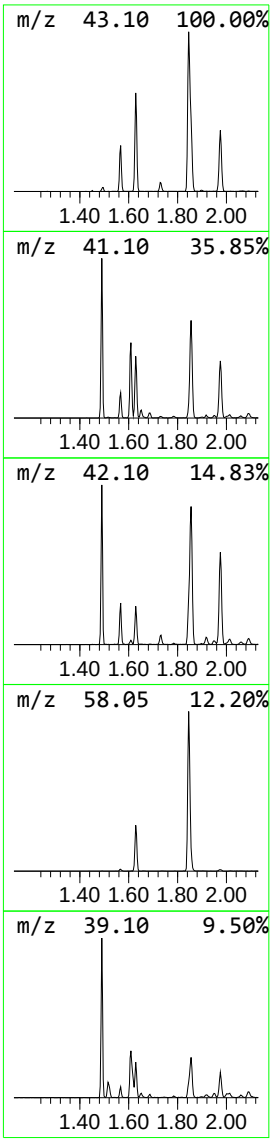
****

Peak Number 2 Butane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.629	8.70 ppbv	630463	Bromochloromethane	2.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane	58	C4H10	000106-97-8	78
2	Butane	58	C4H10	000106-97-8	78
3	Butane	58	C4H10	000106-97-8	72
4	Butane	58	C4H10	000106-97-8	50
5	Diazene, dimethyl-	58	C2H6N2	000503-28-6	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL033125\
Data File : VL042206.D
Acq On : 31 Mar 2025 12:26
Operator : SY/MD
Sample : Q1669-06DUP
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SSSG-DUP-1-3262025DUP

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

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

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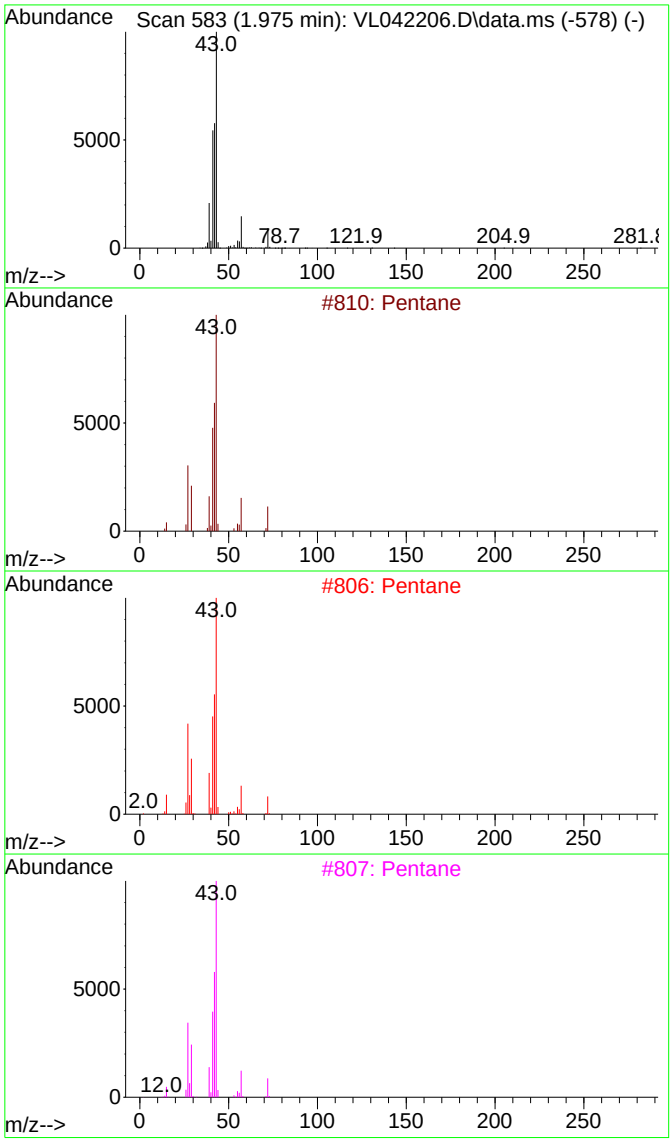
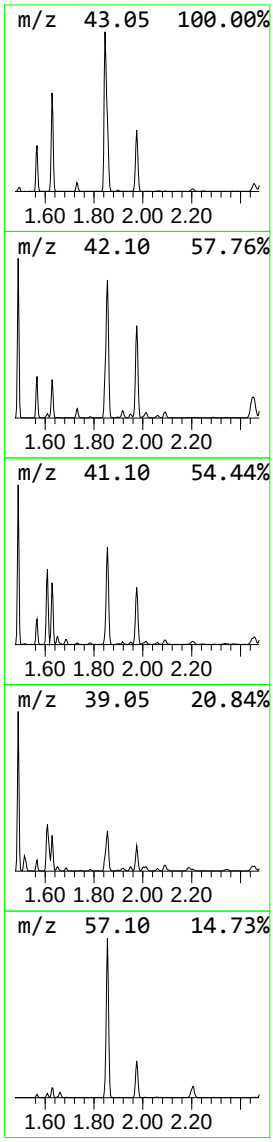
Peak Number 3 Pentane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.975	9.01 ppbv	653118	Bromochloromethane	2.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	90
2	Pentane	72	C5H12	000109-66-0	90
3	Pentane	72	C5H12	000109-66-0	86
4	Pentane	72	C5H12	000109-66-0	80
5	Pentane	72	C5H12	000109-66-0	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL033125\
Data File : VL042206.D
Acq On : 31 Mar 2025 12:26
Operator : SY/MD
Sample : Q1669-06DUP
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SSSG-DUP-1-3262025DUP

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

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

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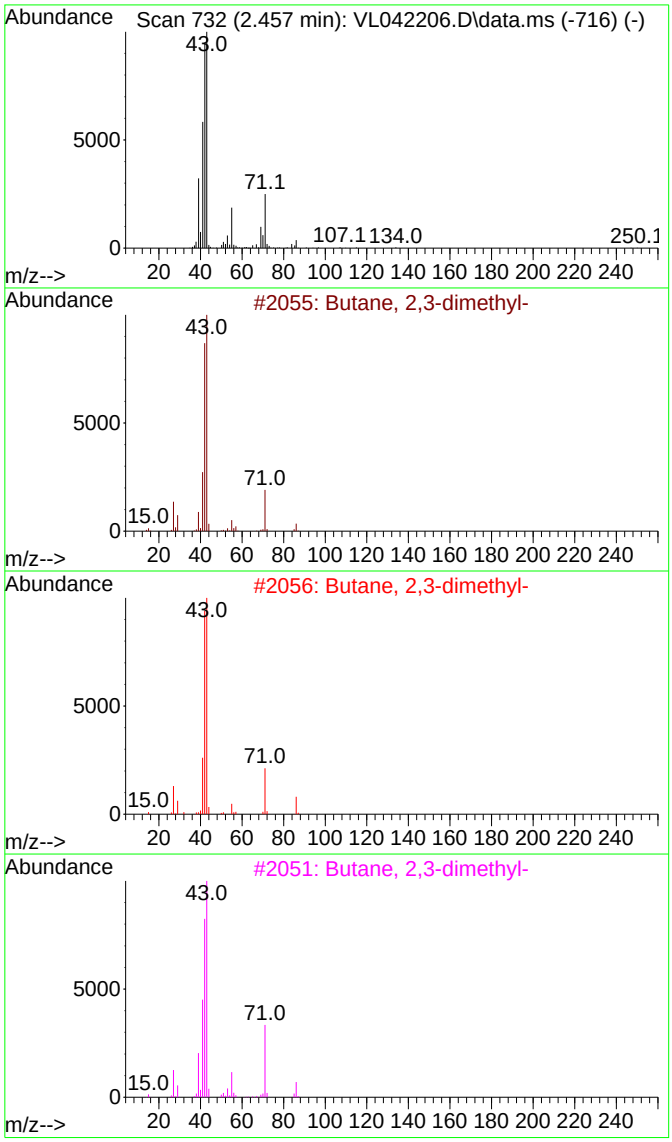
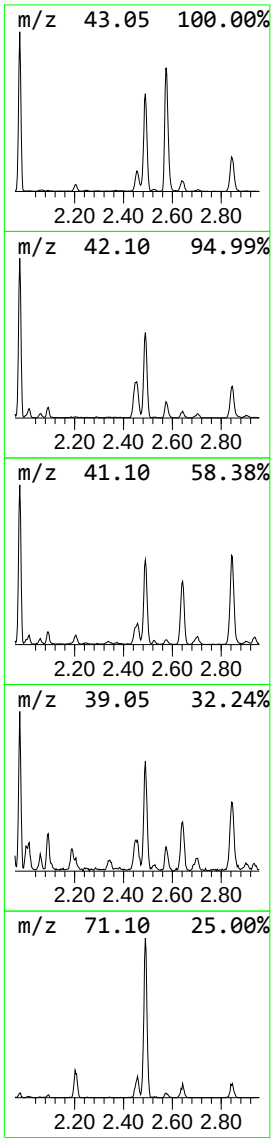
Peak Number 4 Butane, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.457	3.27 ppbv	236806	Bromochloromethane	2.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	72
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	72
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	50
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	50
5	1-Pentene	70	C5H10	000109-67-1	38





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Data File : VL042206.D
Acq On : 31 Mar 2025 12:26
Operator : SY/MD
Sample : Q1669-06DUP
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SSSG-DUP-1-3262025DUP

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

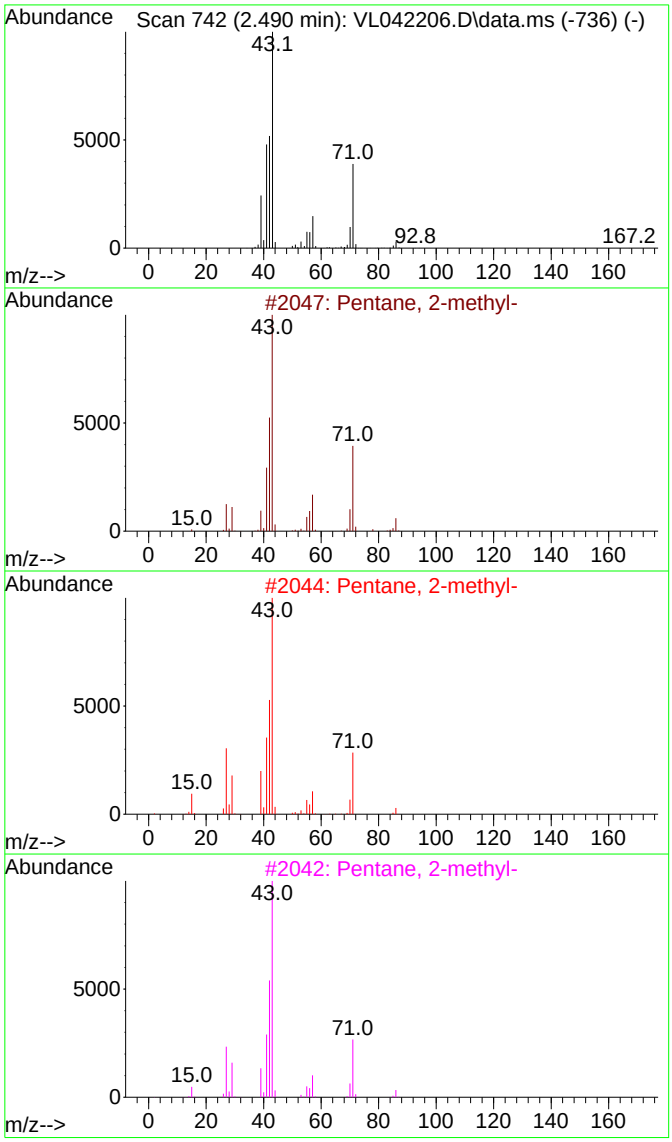
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

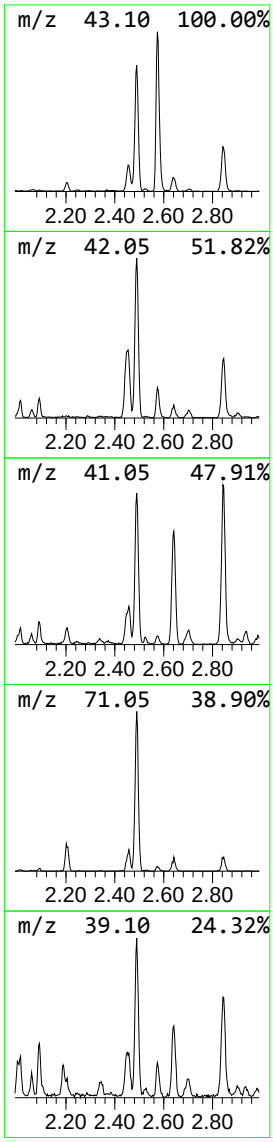
****

Peak Number 5 Pentane, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.490	9.11 ppbv	659966	Bromochloromethane	2.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	90
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	90
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	83
5	Pentane, 2-methyl-	86	C6H14	000107-83-5	74





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Acq On : 31 Mar 2025 12:26
Operator : SY/MD
Sample : Q1669-06DUP
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SSSG-DUP-1-3262025DUP

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

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

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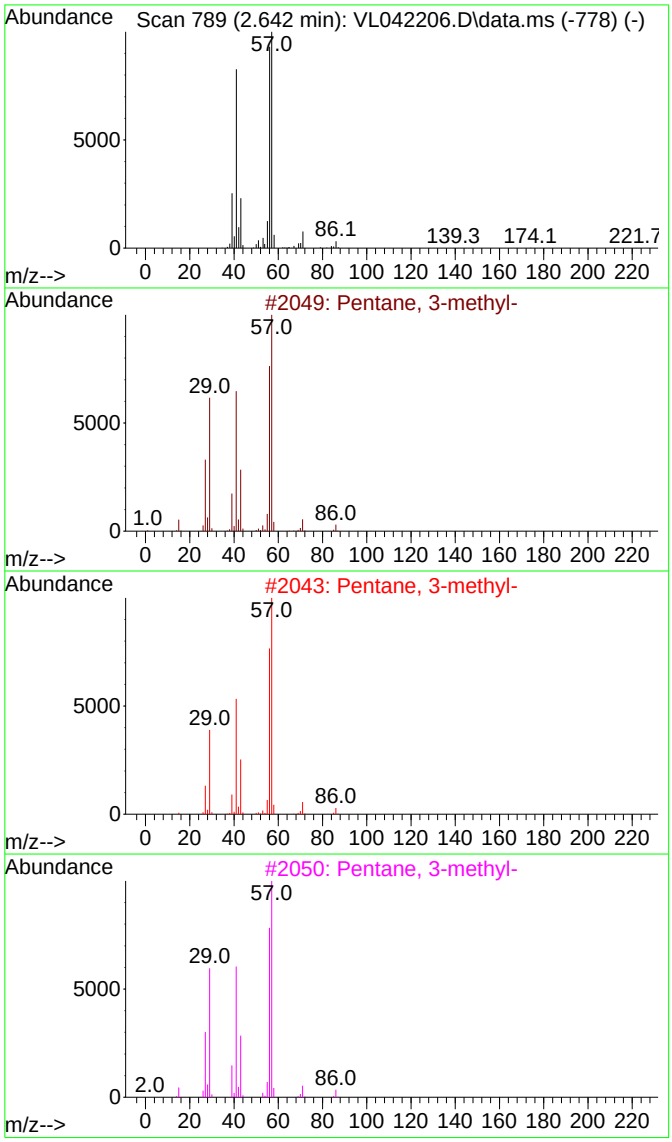
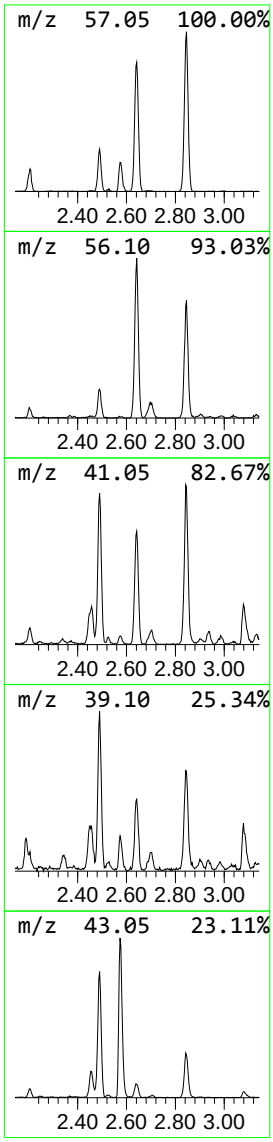
Peak Number 6 Pentane, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.642	5.14 ppbv	372470	Bromochloromethane	2.807

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	72
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	64
4	1-Butanol, 2-methyl-	88	C5H12O	000137-32-6	56
5	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	50





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Data File : VL042206.D
Acq On : 31 Mar 2025 12:26
Operator : SY/MD
Sample : Q1669-06DUP
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SSSG-DUP-1-3262025DUP

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

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

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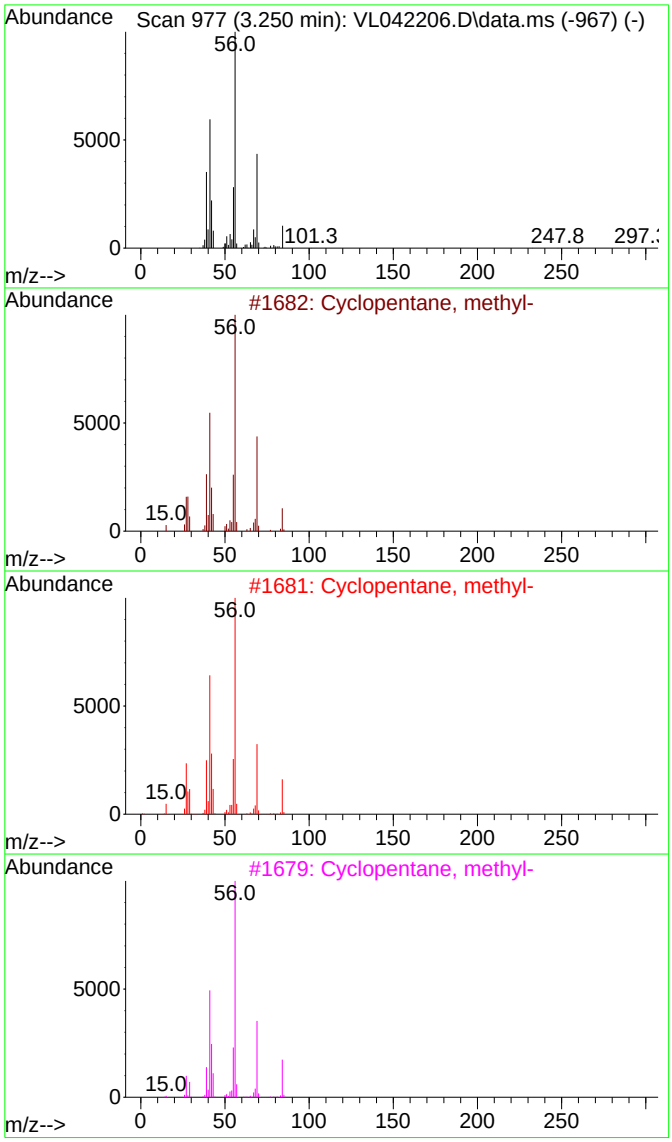
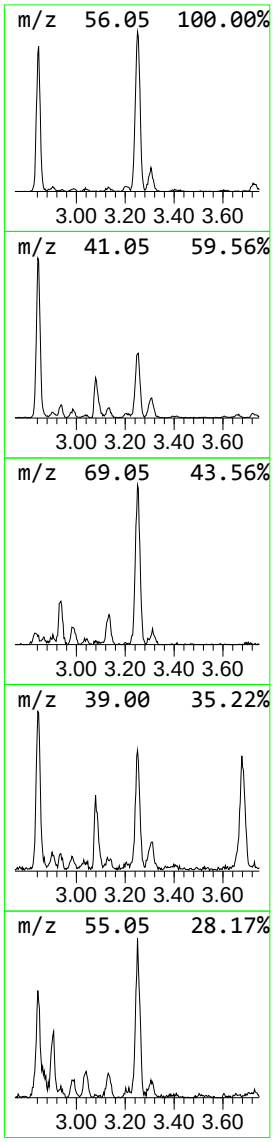
Peak Number 7 Cyclopentane, methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.250	4.39 ppbv	317688	Bromochloromethane	2.807

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	86
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	86
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	72
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64





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Data File : VL042206.D
Acq On : 31 Mar 2025 12:26
Operator : SY/MD
Sample : Q1669-06DUP
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SSSG-DUP-1-3262025DUP

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

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

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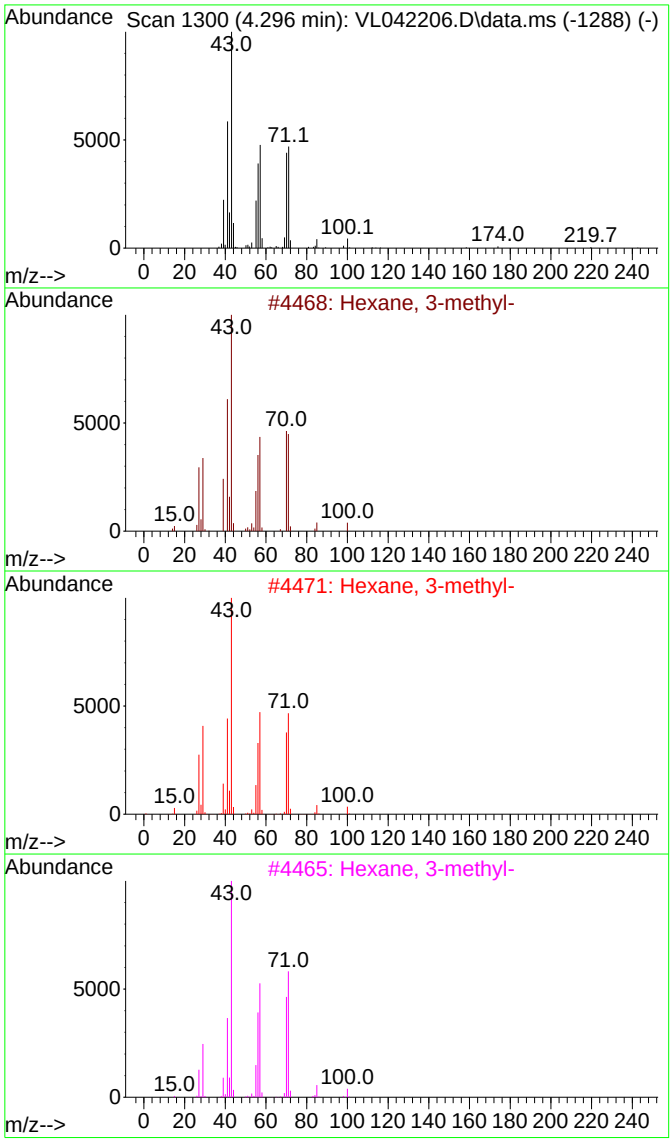
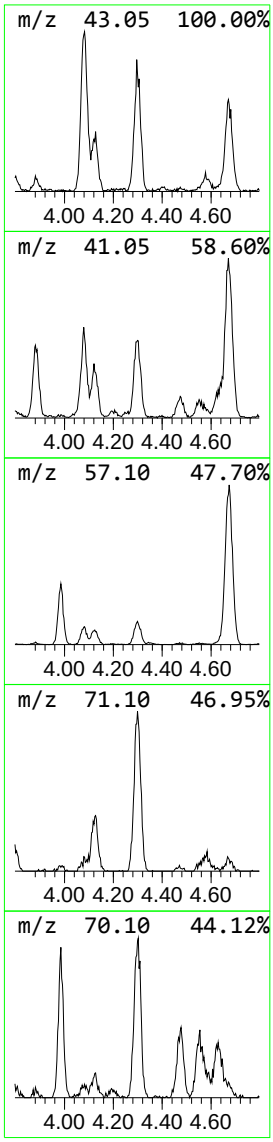
Peak Number 8 Hexane, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.296	1.87 ppbv	260126	1,4-Difluorobenzene	3.985

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	91
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	87
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	53
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	52





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Data File : VL042206.D
Acq On : 31 Mar 2025 12:26
Operator : SY/MD
Sample : Q1669-06DUP
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SSSG-DUP-1-3262025DUP

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

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

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Peak Number 9 Cyclohexane, methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.707	2.50 ppbv	348492	1,4-Difluorobenzene	3.985

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	96
2	Cyclohexane, methyl-	98	C7H14	000108-87-2	94
3	Cyclohexane, methyl-	98	C7H14	000108-87-2	94
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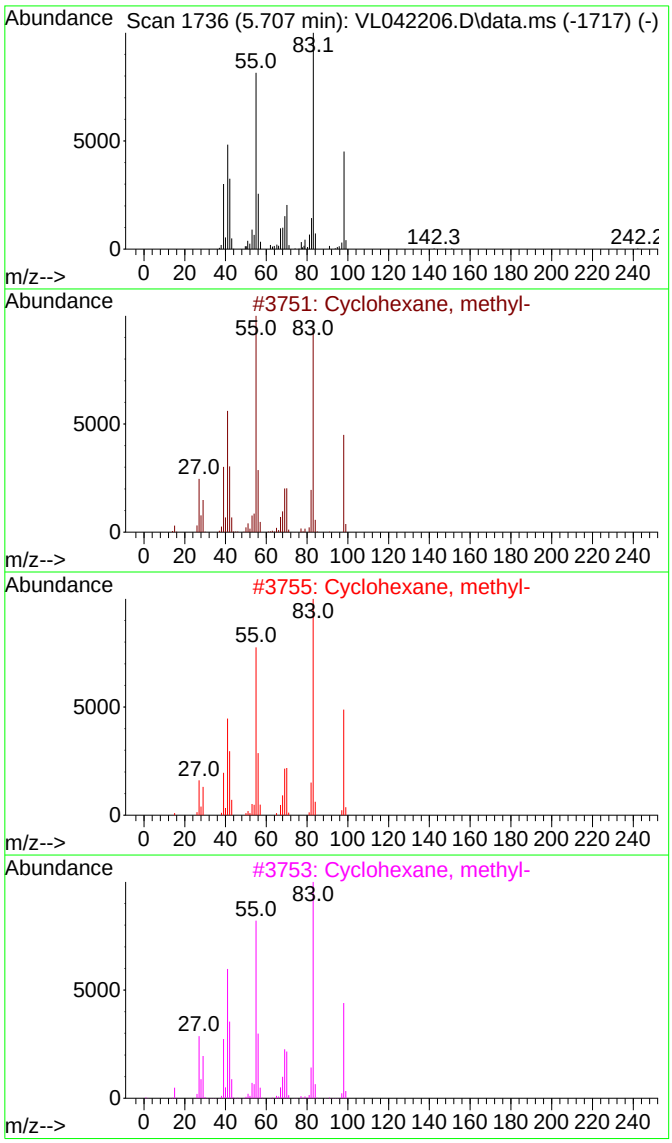

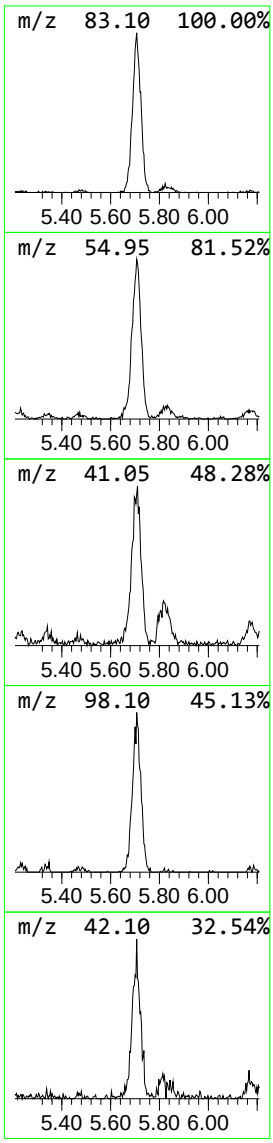

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL033125\
Data File : VL042206.D
Acq On : 31 Mar 2025 12:26
Operator : SY/MD
Sample : Q1669-06DUP
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SSSG-DUP-1-3262025DUP

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

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

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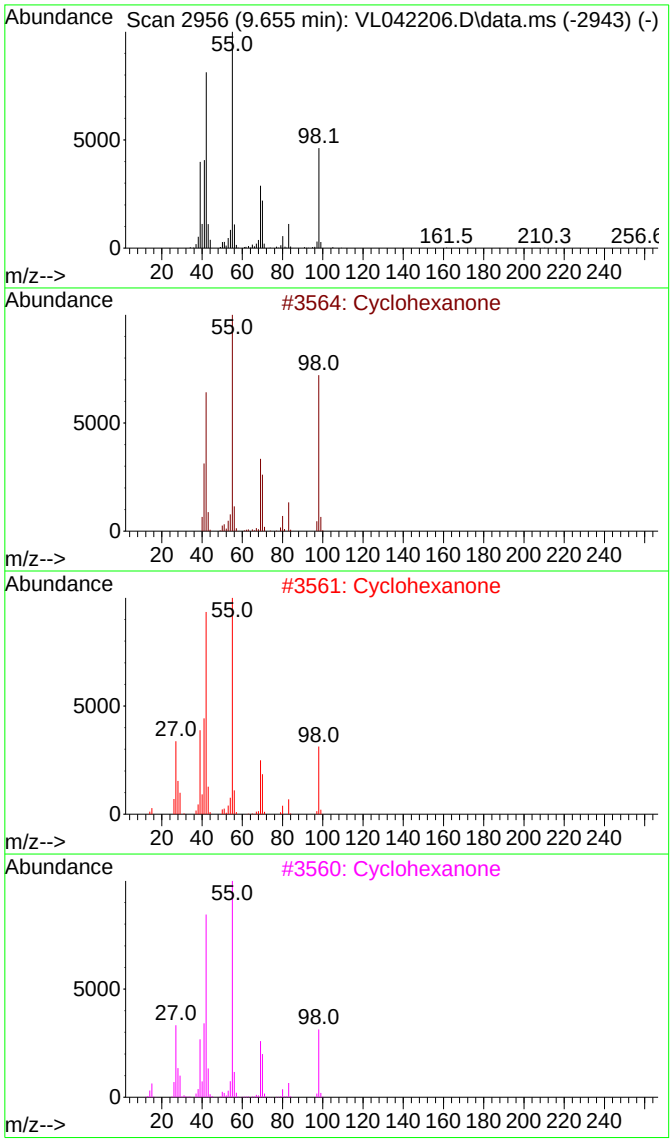
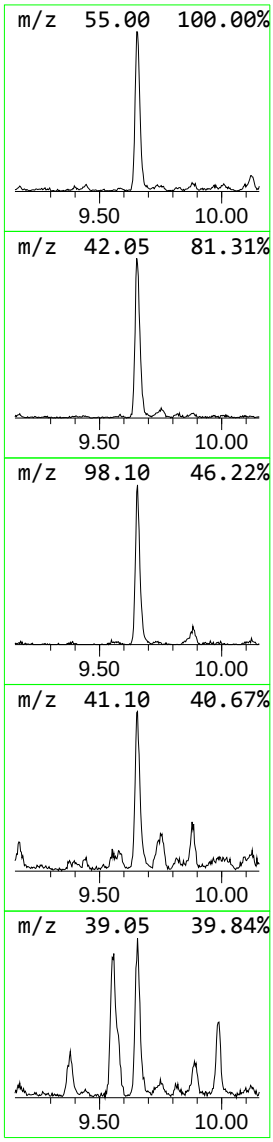
Peak Number 10 Cyclohexanone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.655	2.42 ppbv	425158	Chlorobenzene-d5	8.908

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone	98	C6H10O	000108-94-1	94
2	Cyclohexanone	98	C6H10O	000108-94-1	91
3	Cyclohexanone	98	C6H10O	000108-94-1	81
4	Cyclopentanone, 2-methyl-	98	C6H10O	001120-72-5	70
5	Cyclohexanone	98	C6H10O	000108-94-1	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL033125\
Data File : VL042206.D
Acq On : 31 Mar 2025 12:26
Operator : SY/MD
Sample : Q1669-06DUP
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SSSG-DUP-1-3262025DUP

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Propene, 2-me...	1.609	6.6	ppbv	476016	1	2.807	724484	10.0
Butane	1.629	8.7	ppbv	630463	1	2.807	724484	10.0
Pentane	1.975	9.0	ppbv	653118	1	2.807	724484	10.0
Butane, 2,3-dim...	2.457	3.3	ppbv	236806	1	2.807	724484	10.0
Pentane, 2-methyl-	2.490	9.1	ppbv	659966	1	2.807	724484	10.0
Pentane, 3-methyl-	2.642	5.1	ppbv	372470	1	2.807	724484	10.0
Cyclopentane, m...	3.250	4.4	ppbv	317688	1	2.807	724484	10.0
Hexane, 3-methyl-	4.296	1.9	ppbv	260126	2	3.985	1394000	10.0
Cyclohexane, me...	5.707	2.5	ppbv	348492	2	3.985	1394000	10.0
Cyclohexanone	9.655	2.4	ppbv	425158	3	8.908	1759620	10.0