LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040825\
Data File : VL042260.D
Acq On : 08 Apr 2025 13:07
Operator : SY/MD
Sample : Q1728-06 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SSSG-B2-5-04022025

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: VL042260.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	422	rBV	2714597	2160542	100.00%	15.044%
2	1.489	430	433	437	rBV2	103703	61624	2.85%	0.429%
3	1.564	452	456	460	rBV	281062	154402	7.15%	1.075%
4	1.606	465	469	473	rBV	236342	134640	6.23%	0.938%
5	1.842	537	542	550	rBV	2064922	1414670	65.48%	9.850%
6	2.069	608	612	622	rVB2	48480	39207	1.81%	0.273%
7	2.159	632	640	645	rBV	103796	83913	3.88%	0.584%
8	2.483	734	740	747	rVB2	59877	57896	2.68%	0.403%
9	2.570	760	767	779	rBV2	138306	136590	6.32%	0.951%
10	2.635	779	787	796	rVB	38188	41753	1.93%	0.291%
11	2.800	828	838	845	rBV	559648	589466	27.28%	4.104%
12	2.839	845	850	856	rVB	43543	43705	2.02%	0.304%
13	3.244	967	975	984	rVB4	35058	46914	2.17%	0.327%
14	3.674	1092	1108	1112	rBV2	94191	140578	6.51%	0.979%
15	3.700	1112	1116	1137	rVB2	227186	362083	16.76%	2.521%
16	3.875	1161	1170	1180	rVB5	57685	92804	4.30%	0.646%
17	3.975	1188	1201	1214	rBV2	736280	1167752	54.05%	8.131%
18	4.072	1221	1231	1240	rBV3	65877	118880	5.50%	0.828%
19	4.111	1240	1243	1256	rVB5	29632	43574	2.02%	0.303%
20	4.289	1285	1298	1308	rBV3	53521	96506	4.47%	0.672%
21	4.467	1339	1353	1362	rBV8	15634	30263	1.40%	0.211%
22	4.535	1362	1374	1380	rBV6	14794	26261	1.22%	0.183%
23	4.664	1402	1414	1432	rVB	109735	248715	11.51%	1.732%
24	5.004	1507	1519	1531	rBV4	43996	88577	4.10%	0.617%
25	5.694	1709	1732	1751	rBV4	115997	299039	13.84%	2.082%
26	5.804	1753	1766	1769	rBV7	17628	27620	1.28%	0.192%
27	6.302	1913	1920	1934	rVB7	22412	47905	2.22%	0.334%
28	6.493	1966	1979	1989	rBV9	12555	29856	1.38%	0.208%
29	6.852	2074	2090	2103	rBV5	61074	145093	6.72%	1.010%
30	6.956	2105	2122	2142	rBV	410204	893447	41.35%	6.221%
31	7.202	2182	2198	2201	rBV6	31062	44498	2.06%	0.310%
32	7.396	2245	2258	2259	rBV4	46576	54413	2.52%	0.379%
33	7.639	2314	2333	2343	rBV9	61836	186265	8.62%	1.297%
34	7.694	2343	2350	2366	rVB7	25612	52563	2.43%	0.366%
35	7.917	2406	2419	2437	rBV4	40493	97270	4.50%	0.677%
36	8.027	2448	2453	2465	rVB10	15410	26946	1.25%	0.188%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040825\
Data File : VL042260.D
Acq On : 08 Apr 2025 13:07
Operator : SY/MD
Sample : Q1728-06 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SSSG-B2-5-04022025

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	8.154	2482	2492	2506	rVB7	39165	69643	3.22%	0.485%
38	8.325	2531	2545	2563	rVB8	78507	164434	7.61%	1.145%
39	8.898	2706	2722	2732	rBV	971758	1457354	67.45%	10.148%
40	8.956	2732	2740	2746	rVV4	48628	89294	4.13%	0.622%
41	9.002	2746	2754	2769	rVB8	53838	133745	6.19%	0.931%
42	9.115	2781	2789	2796	rBV2	44603	62708	2.90%	0.437%
43	9.160	2796	2803	2812	rVV4	32406	49709	2.30%	0.346%
44	9.235	2817	2826	2834	rBV10	14446	26164	1.21%	0.182%
45	9.374	2859	2869	2881	rBV2	94807	163778	7.58%	1.140%
46	9.432	2881	2887	2897	rVB6	22446	34472	1.60%	0.240%
47	9.545	2913	2922	2928	rBV	200553	298338	13.81%	2.077%
48	9.568	2928	2929	2941	rVB4	97215	96102	4.45%	0.669%
49	9.730	2970	2979	2981	rBV3	36908	41562	1.92%	0.289%
50	9.746	2983	2984	2994	rVB2	37166	30364	1.41%	0.211%
51	9.875	3015	3024	3033	rVB3	42142	60770	2.81%	0.423%
52	9.979	3047	3056	3065	rBV2	110532	154438	7.15%	1.075%
53	10.115	3094	3098	3105	rVB4	24657	30022	1.39%	0.209%
54	10.160	3105	3112	3123	rVB8	17556	28569	1.32%	0.199%
55	10.390	3164	3183	3194	rBV	1235345	1557956	72.11%	10.848%
56	10.442	3194	3199	3208	rVB6	27363	37943	1.76%	0.264%
57	10.869	3326	3331	3337	rVB5	30107	35848	1.66%	0.250%
58	10.914	3337	3345	3356	rBV2	125975	154937	7.17%	1.079%
59	11.021	3373	3378	3387	rVB7	36353	53377	2.47%	0.372%
60	11.109	3399	3405	3411	rBV	34071	39105	1.81%	0.272%
61	11.219	3427	3439	3446	rBV6	38915	54937	2.54%	0.383%
62	11.549	3534	3541	3553	rBV	39939	52014	2.41%	0.362%
63	11.788	3610	3615	3621	rVB3	30648	36871	1.71%	0.257%
64	12.241	3748	3755	3759	rBV3	29004	32930	1.52%	0.229%
65	19.663	6037	6048	6057	rBV3	14654	27946	1.29%	0.195%

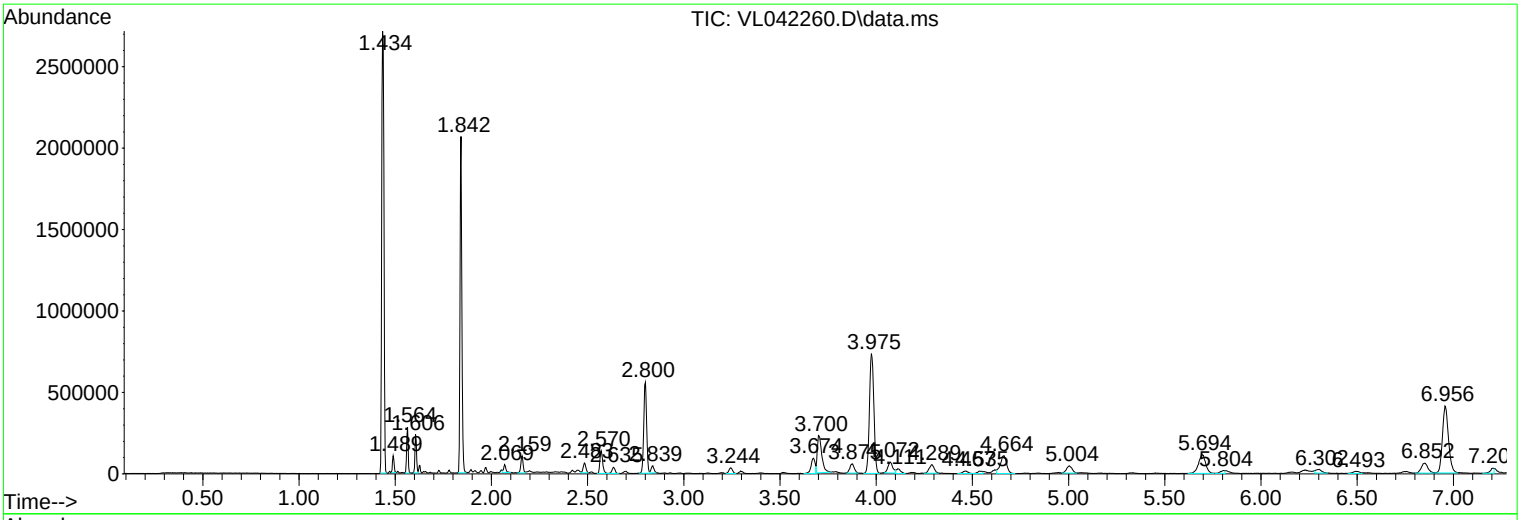
Sum of corrected areas: 14361560

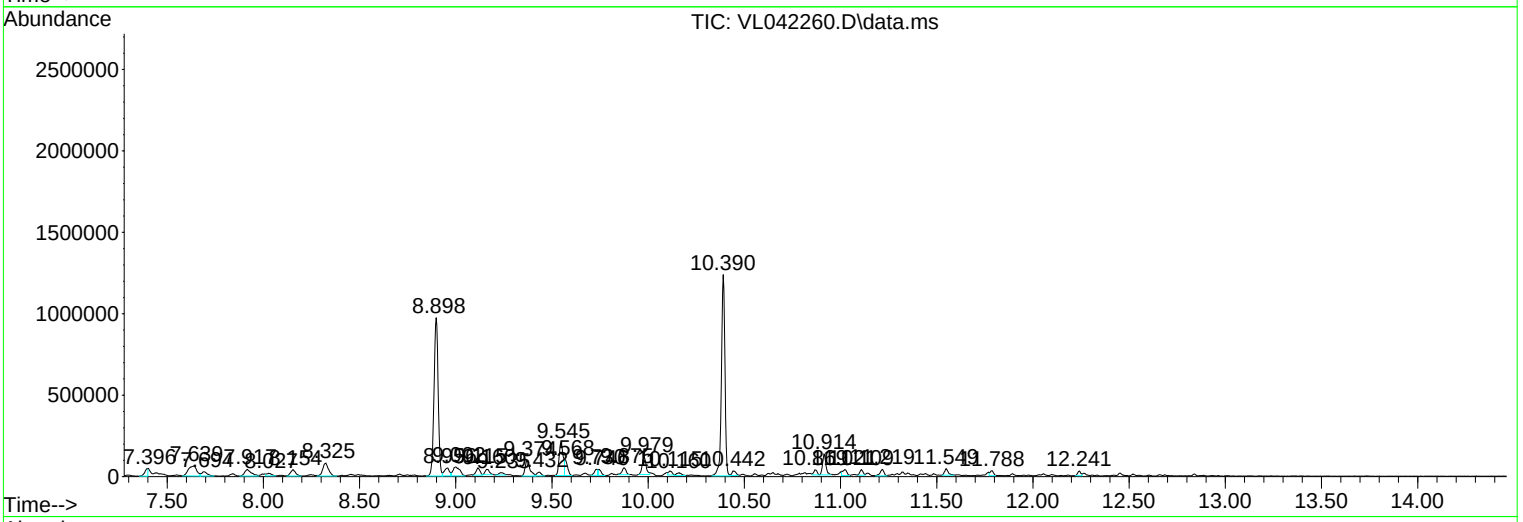
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040825\
Data File : VL042260.D
Acq On : 08 Apr 2025 13:07
Operator : SY/MD
Sample : Q1728-06 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

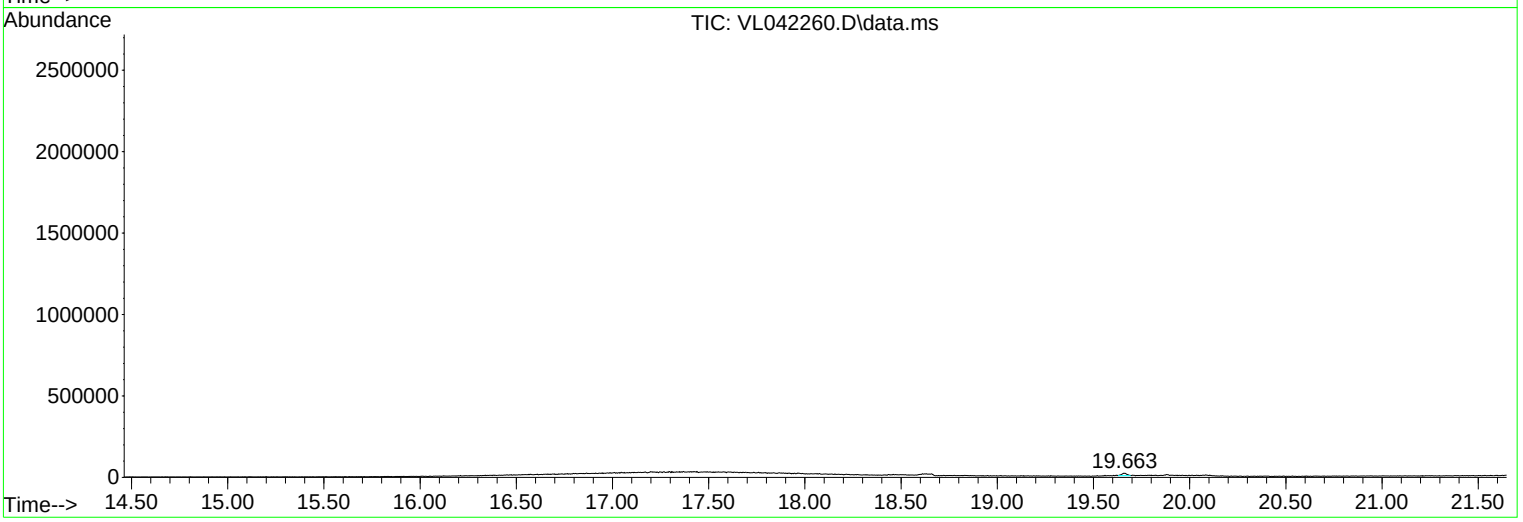
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B2-5-04022025

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040825\
Data File : VL042260.D
Acq On : 08 Apr 2025 13:07
Operator : SY/MD
Sample : Q1728-06 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SSSG-B2-5-04022025

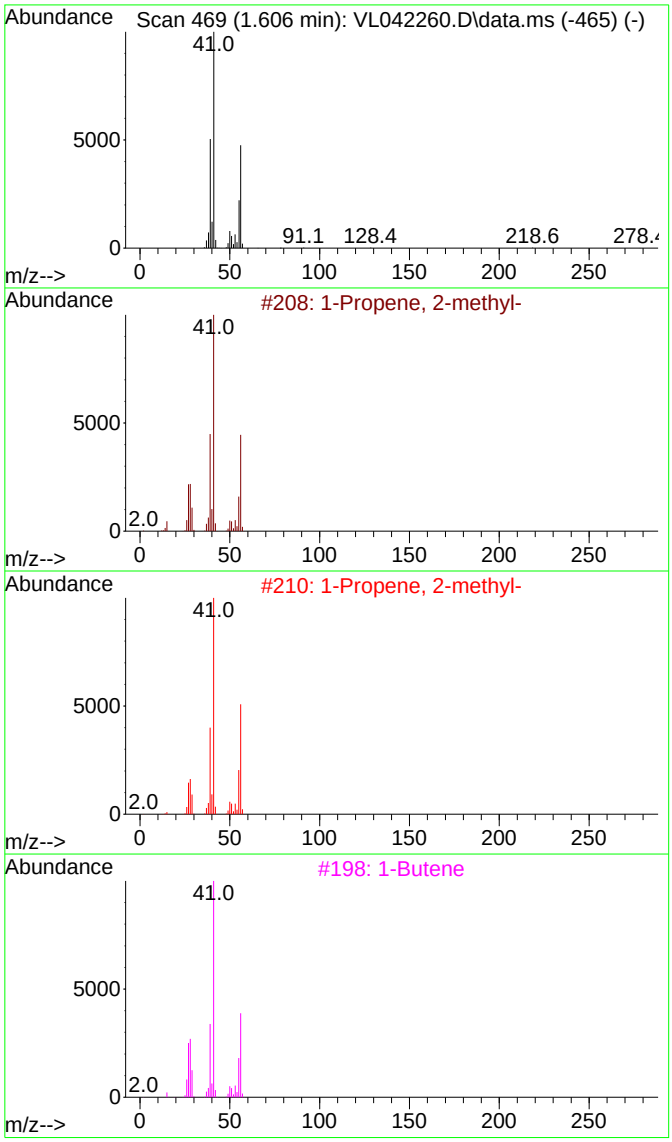
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

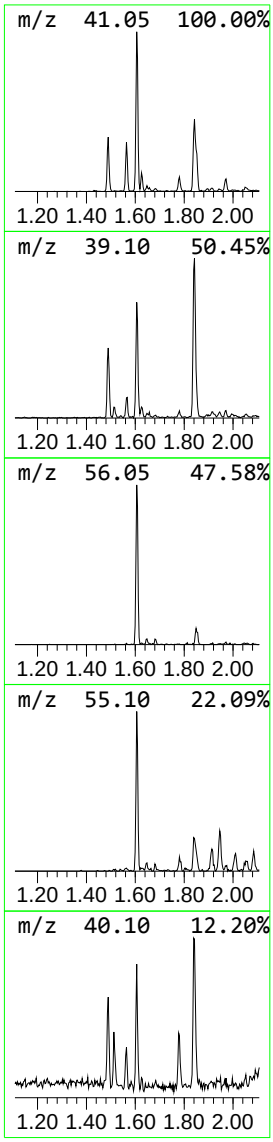
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1-Propene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.606	2.28 ppbv	134640	Bromochloromethane	2.797

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-	56	C4H8	000115-11-7	90
2	1-Propene, 2-methyl-	56	C4H8	000115-11-7	90
3	1-Butene	56	C4H8	000106-98-9	87
4	1-Butene	56	C4H8	000106-98-9	87
5	1-Butene	56	C4H8	000106-98-9	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040825\
Data File : VL042260.D
Acq On : 08 Apr 2025 13:07
Operator : SY/MD
Sample : Q1728-06 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SSSG-B2-5-04022025

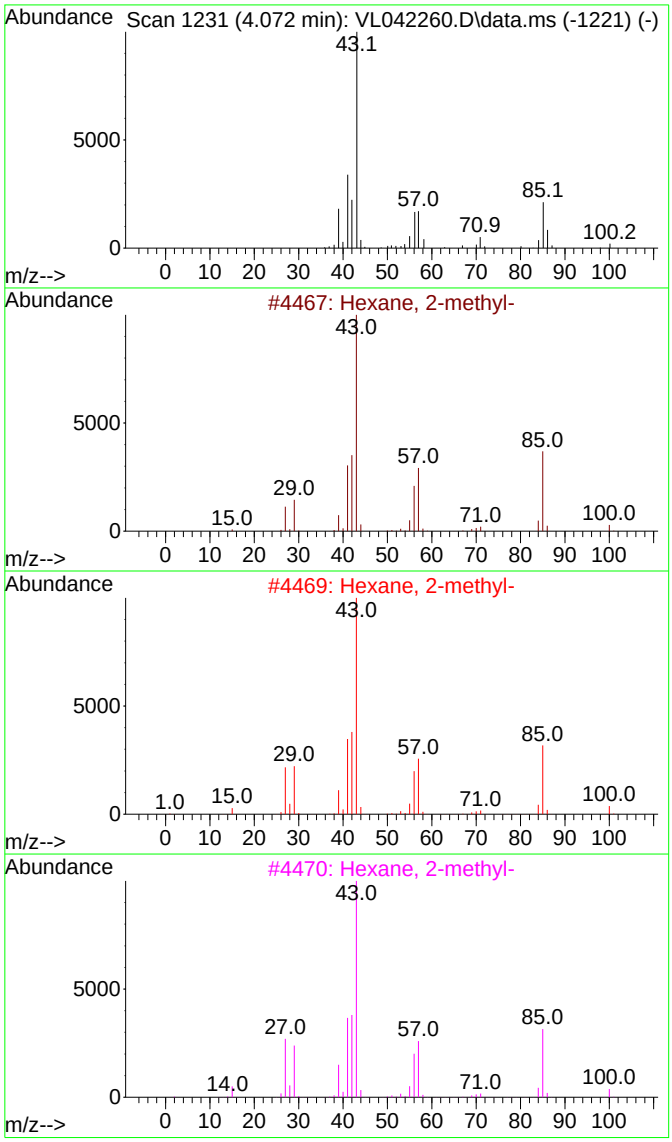
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

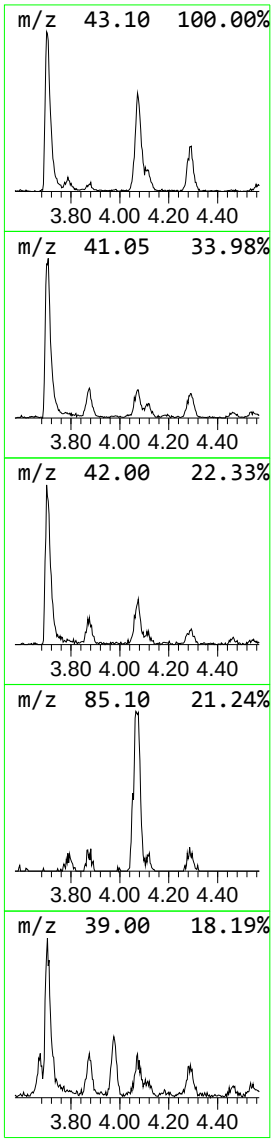
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Hexane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.072	1.02 ppbv	118880	1,4-Difluorobenzene	3.975

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2-methyl-	100	C7H16	000591-76-4	72
2	Hexane, 2-methyl-	100	C7H16	000591-76-4	72
3	Hexane, 2-methyl-	100	C7H16	000591-76-4	64
4	N-Vinylacetamide	85	C4H7NO	005202-78-8	50
5	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	37





Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040825\
Data File : VL042260.D
Acq On : 08 Apr 2025 13:07
Operator : SY/MD
Sample : Q1728-06 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SSSG-B2-5-04022025

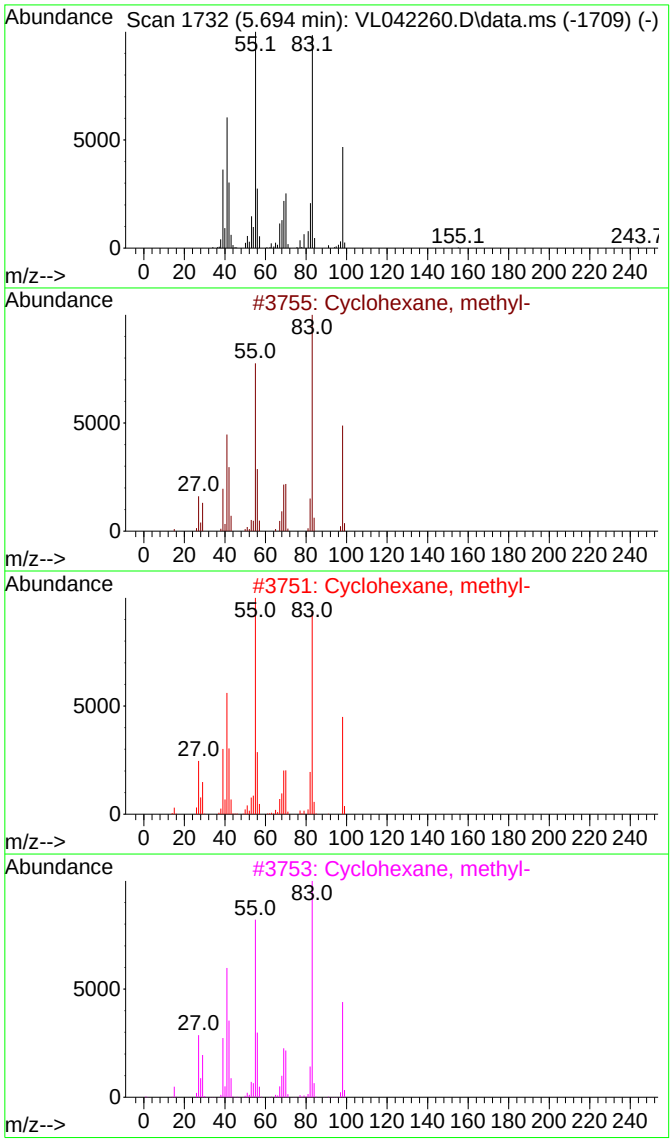
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

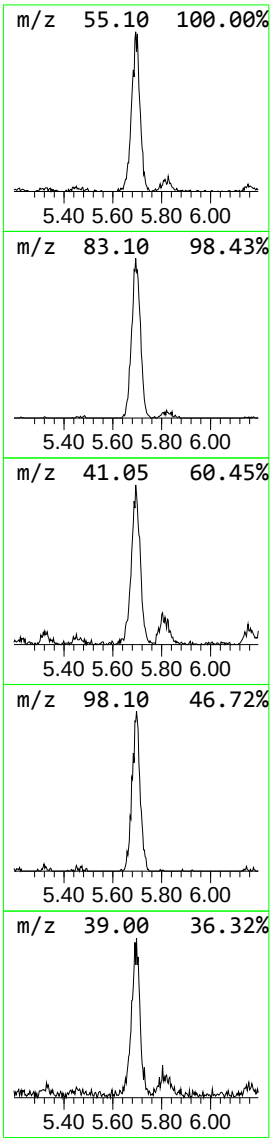
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclohexane, methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.694	2.56 ppbv	299039	1,4-Difluorobenzene	3.975

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	94
2	Cyclohexane, methyl-	98	C7H14	000108-87-2	94
3	Cyclohexane, methyl-	98	C7H14	000108-87-2	87
4	Cyclohexane, methyl-	98	C7H14	000108-87-2	87
5	Cyclohexane, methyl-	98	C7H14	000108-87-2	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040825\
Data File : VL042260.D
Acq On : 08 Apr 2025 13:07
Operator : SY/MD
Sample : Q1728-06 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SSSG-B2-5-04022025

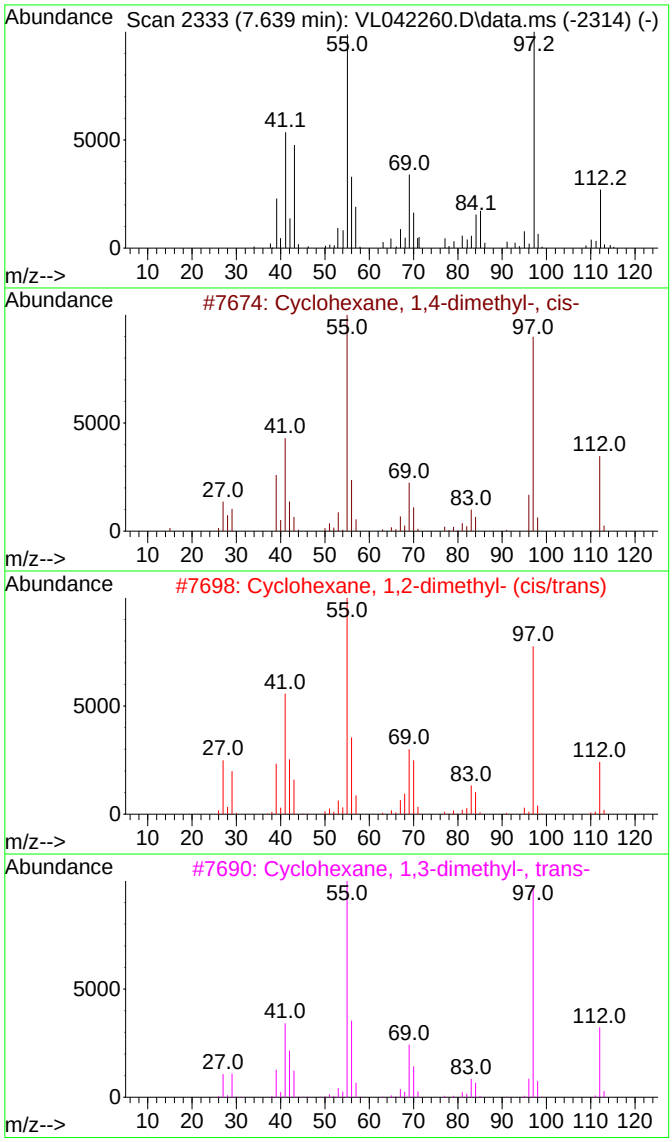
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

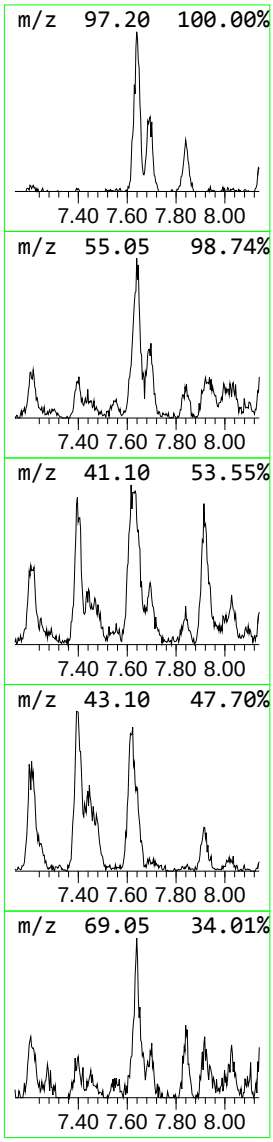
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclohexane, 1,4-dimethyl-,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.639	1.28 ppbv	186265	Chlorobenzene-d5	8.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	87
2	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	80
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	80
4	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	80
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040825\
Data File : VL042260.D
Acq On : 08 Apr 2025 13:07
Operator : SY/MD
Sample : Q1728-06 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SSSG-B2-5-04022025

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

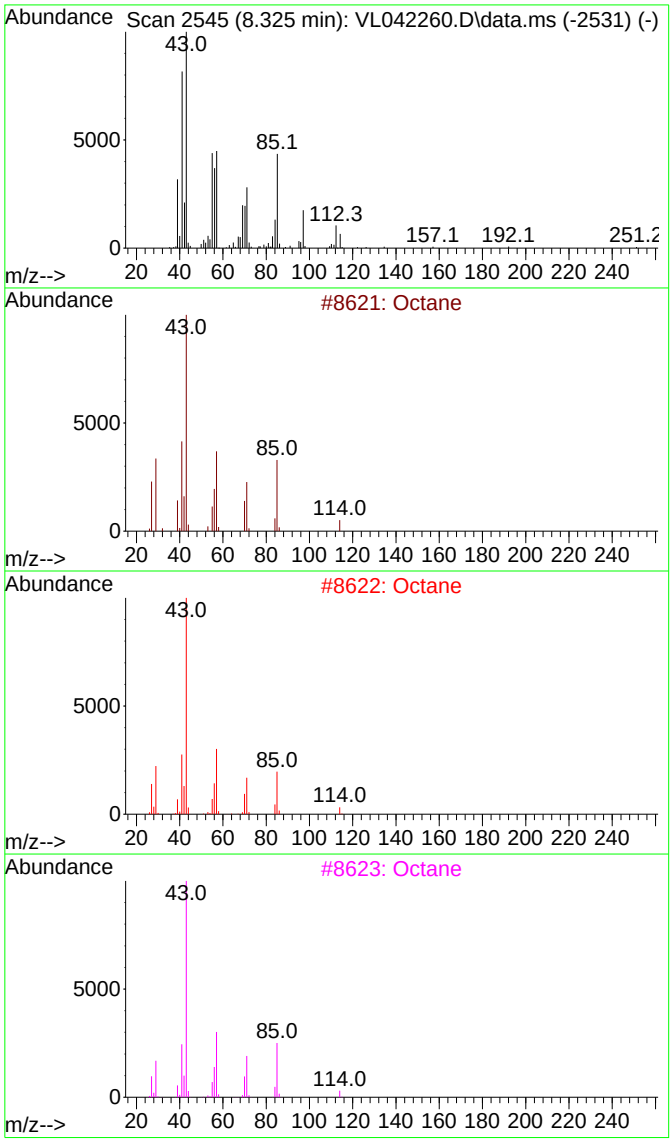
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

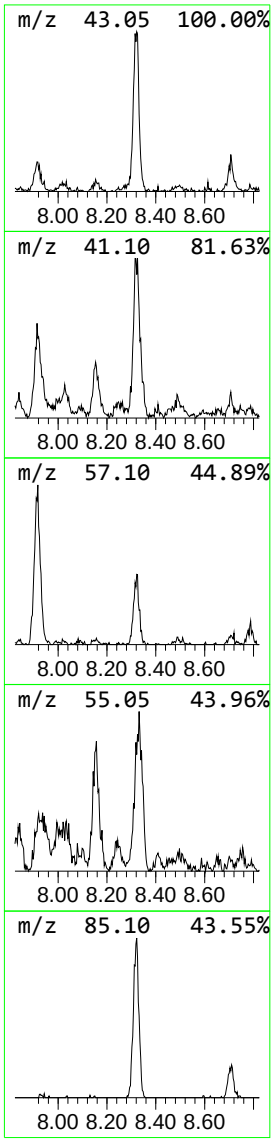
****

Peak Number 6 Octane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.325	1.13 ppbv	164434	Chlorobenzene-d5	8.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	83
2	Octane	114	C8H18	000111-65-9	80
3	Octane	114	C8H18	000111-65-9	80
4	Octane	114	C8H18	000111-65-9	59
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040825\
Data File : VL042260.D
Acq On : 08 Apr 2025 13:07
Operator : SY/MD
Sample : Q1728-06 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SSSG-B2-5-04022025

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...	1.606	2.3	ppbv	134640	1	2.797	589466	10.0
Hexane, 2-methyl-	4.072	1.0	ppbv	118880	2	3.975	1167750	10.0
Cyclohexane, me...	5.694	2.6	ppbv	299039	2	3.975	1167750	10.0
Cyclohexane, 1,...	7.639	1.3	ppbv	186265	3	8.898	1457350	10.0
Octane	8.325	1.1	ppbv	164434	3	8.898	1457350	10.0