LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
Data File : VL042361.D
Acq On : 17 Apr 2025 17:17
Operator : SY/MD
Sample : Q1668-01
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-B1-4-3252025

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\VL041725AIR.M
Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

Signal : TIC: VL042361.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.431	410	415	421	rBV	4188320	4703442	100.00%	17.886%
2	1.561	451	455	458	rBV2	184256	96254	2.05%	0.366%
3	1.622	470	474	478	rVB	115166	60281	1.28%	0.229%
4	1.722	500	505	513	rBV	1047147	621947	13.22%	2.365%
5	1.839	536	541	549	rBV2	224029	226721	4.82%	0.862%
6	1.888	549	556	560	rVV2	56899	47625	1.01%	0.181%
7	1.965	575	580	585	rVB	86782	61364	1.30%	0.233%
8	2.062	599	610	615	rBV	147400	122759	2.61%	0.467%
9	2.477	731	738	745	rVB	82814	90361	1.92%	0.344%
10	2.625	776	784	794	rVB2	70044	77146	1.64%	0.293%
11	2.791	827	835	841	rBV	424038	451417	9.60%	1.717%
12	2.829	841	847	858	rVB2	222619	254601	5.41%	0.968%
13	3.231	962	971	980	rVB2	83879	111228	2.36%	0.423%
14	3.658	1092	1103	1111	rBV2	33381	52413	1.11%	0.199%
15	3.862	1155	1166	1177	rBV2	187100	305245	6.49%	1.161%
16	3.962	1185	1197	1211	rBV2	575634	929855	19.77%	3.536%
17	4.056	1213	1226	1233	rVV2	160886	288856	6.14%	1.098%
18	4.101	1233	1240	1251	rVB3	76938	128977	2.74%	0.490%
19	4.273	1280	1293	1308	rVB2	193156	365708	7.78%	1.391%
20	4.451	1333	1348	1357	rBV4	51494	102926	2.19%	0.391%
21	4.525	1357	1371	1384	rBV7	43148	106792	2.27%	0.406%
22	4.600	1384	1394	1405	rVB6	61062	116552	2.48%	0.443%
23	4.985	1497	1513	1526	rBV4	104222	223848	4.76%	0.851%
24	5.671	1707	1725	1738	rBV4	90227	236367	5.03%	0.899%
25	5.755	1738	1751	1778	rVB3	925078	2355932	50.09%	8.959%
26	6.937	2101	2116	2133	rBV3	93110	199433	4.24%	0.758%
27	8.309	2521	2540	2552	rBV9	43693	110187	2.34%	0.419%
28	8.885	2703	2718	2728	rBV2	776934	1181830	25.13%	4.494%
29	9.147	2792	2799	2809	rBV2	50042	72966	1.55%	0.277%
30	9.358	2853	2864	2877	rBV2	102277	166035	3.53%	0.631%
31	9.532	2901	2918	2935	rBV	853462	1348701	28.67%	5.129%
32	9.630	2935	2948	2964	rVV	345811	522696	11.11%	1.988%
33	9.720	2964	2976	2977	rVV3	67699	88742	1.89%	0.337%
34	9.730	2977	2979	2991	rVB4	73175	92423	1.97%	0.351%
35	9.866	3007	3021	3033	rBV5	163949	279364	5.94%	1.062%
36	9.966	3038	3052	3064	rBV	210380	309472	6.58%	1.177%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
Data File : VL042361.D
Acq On : 17 Apr 2025 17:17
Operator : SY/MD
Sample : Q1668-01
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-B1-4-3252025

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\VL041725AIR.M
Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

37	10.102	3087	3094	3102	rVB4	47215	72355	1.54%	0.275%
38	10.377	3160	3179	3189	rBV2	967192	1392990	29.62%	5.297%
39	10.432	3189	3196	3204	rVB5	42246	55865	1.19%	0.212%
40	10.772	3289	3301	3306	rBV7	42951	68360	1.45%	0.260%
41	10.859	3321	3328	3335	rVB3	135757	176169	3.75%	0.670%
42	10.902	3335	3341	3350	rVB2	51149	67711	1.44%	0.257%
43	10.992	3353	3369	3383	rBV3	108016	186661	3.97%	0.710%
44	11.063	3383	3391	3395	rBV3	65381	80002	1.70%	0.304%
45	11.099	3395	3402	3407	rVV	380566	427871	9.10%	1.627%
46	11.128	3407	3411	3420	rVB	162768	182924	3.89%	0.696%
47	11.206	3420	3435	3442	rBV4	227698	281495	5.98%	1.070%
48	11.261	3442	3452	3454	rBV3	50937	57149	1.22%	0.217%
49	11.283	3454	3459	3464	rVV2	74644	83862	1.78%	0.319%
50	11.316	3464	3469	3472	rVV	85475	87860	1.87%	0.334%
51	11.339	3472	3476	3483	rVB	124921	132611	2.82%	0.504%
52	11.406	3490	3497	3502	rBV	99831	111917	2.38%	0.426%
53	11.539	3523	3538	3548	rBV	635595	759797	16.15%	2.889%
54	11.594	3548	3555	3566	rVB7	46718	76611	1.63%	0.291%
55	11.724	3584	3595	3600	rBV	209943	262278	5.58%	0.997%
56	11.756	3600	3605	3618	rVB3	324685	426948	9.08%	1.624%
57	11.853	3628	3635	3639	rBV3	70910	84369	1.79%	0.321%
58	11.882	3639	3644	3651	rVB2	197952	207241	4.41%	0.788%
59	12.021	3677	3687	3690	rBV	109969	135985	2.89%	0.517%
60	12.044	3690	3694	3702	rVB5	95624	104337	2.22%	0.397%
61	12.099	3702	3711	3717	rVB8	40672	50810	1.08%	0.193%
62	12.225	3745	3750	3757	rVB2	170037	176948	3.76%	0.673%
63	12.271	3757	3764	3768	rBV2	63622	78017	1.66%	0.297%
64	12.297	3768	3772	3778	rVB2	117054	119269	2.54%	0.454%
65	12.407	3801	3806	3812	rVB3	118124	127115	2.70%	0.483%
66	12.442	3812	3817	3822	rVB2	83115	77945	1.66%	0.296%
67	12.478	3822	3828	3832	rBV2	84618	81951	1.74%	0.312%
68	12.507	3832	3837	3841	rBV3	102076	108105	2.30%	0.411%
69	12.546	3846	3849	3856	rVB2	116273	111019	2.36%	0.422%
70	12.591	3856	3863	3873	rBV3	154443	232796	4.95%	0.885%
71	12.675	3875	3889	3894	rBV3	43732	84115	1.79%	0.320%
72	12.831	3931	3937	3942	rVV	291208	280563	5.97%	1.067%
73	12.863	3942	3947	3956	rVB10	46438	63730	1.35%	0.242%
74	12.921	3956	3965	3970	rBV3	90147	111720	2.38%	0.425%
75	12.954	3970	3975	3982	rVB	102067	107294	2.28%	0.408%
76	13.005	3982	3991	4002	rVB7	79771	131028	2.79%	0.498%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
Data File : VL042361.D
Acq On : 17 Apr 2025 17:17
Operator : SY/MD
Sample : Q1668-01
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-B1-4-3252025

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\VL041725AIR.M
Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

77	13.106	4016	4022	4025	rBV6	52114	58324	1.24%	0.222%
78	13.128	4025	4029	4036	rVB4	75462	80188	1.70%	0.305%
79	13.170	4036	4042	4046	rBV5	101663	110424	2.35%	0.420%
80	13.229	4054	4060	4063	rBV2	95746	100520	2.14%	0.382%
81	13.255	4063	4068	4075	rVB5	161150	184661	3.93%	0.702%
82	13.332	4086	4092	4097	rBV2	111585	136389	2.90%	0.519%
83	13.391	4103	4110	4115	rVB3	102903	115413	2.45%	0.439%
84	13.433	4115	4123	4135	rBV5	101125	165165	3.51%	0.628%
85	13.517	4144	4149	4154	rBV	94553	90876	1.93%	0.346%
86	13.594	4161	4173	4180	rVB5	92508	124181	2.64%	0.472%
87	13.659	4180	4193	4205	rVB10	79085	153714	3.27%	0.585%
88	13.727	4207	4214	4221	rBV	229369	228144	4.85%	0.868%
89	13.831	4239	4246	4251	rBV5	46190	53609	1.14%	0.204%
90	14.103	4321	4330	4337	rBV10	34931	60284	1.28%	0.229%
91	14.232	4362	4370	4374	rBV7	57538	81342	1.73%	0.309%
92	14.345	4398	4405	4411	rBV3	53446	62909	1.34%	0.239%
93	14.459	4430	4440	4445	rBV7	52285	69703	1.48%	0.265%
94	14.523	4454	4460	4472	rVB2	133771	133803	2.84%	0.509%
95	14.669	4497	4505	4515	rBV10	37469	68885	1.46%	0.262%
96	14.792	4533	4543	4552	rVB	91329	120022	2.55%	0.456%
97	14.889	4566	4573	4582	rVB6	37827	51340	1.09%	0.195%
98	15.245	4677	4683	4692	rVB6	55850	70933	1.51%	0.270%

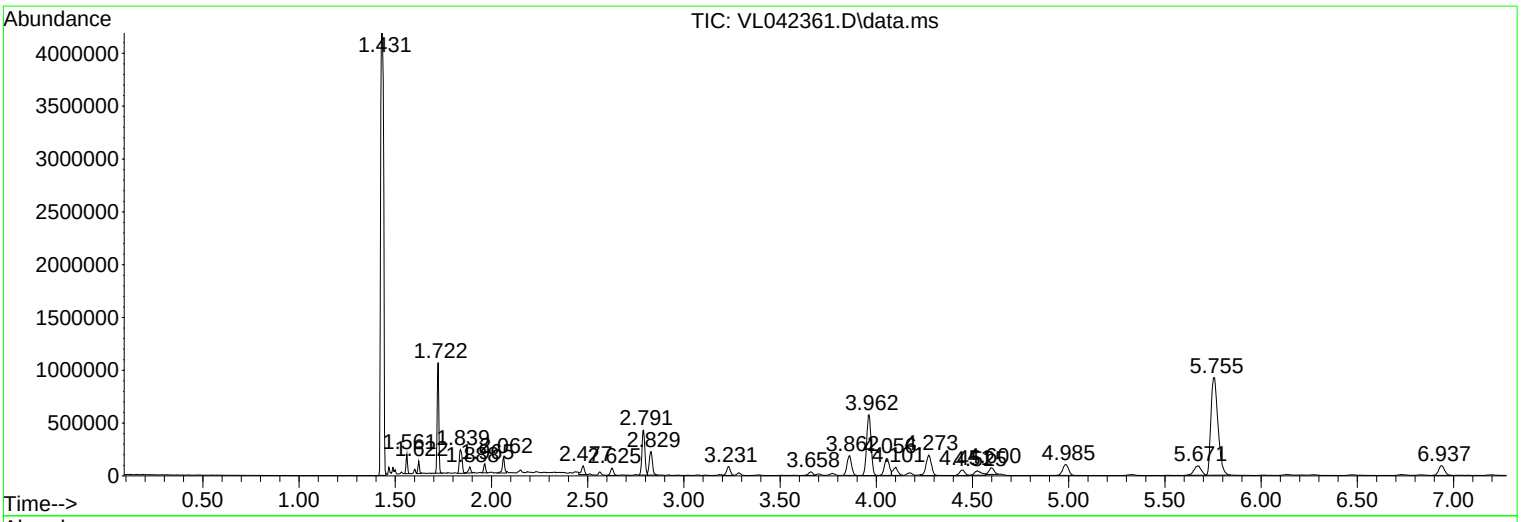
Sum of corrected areas: 26297088

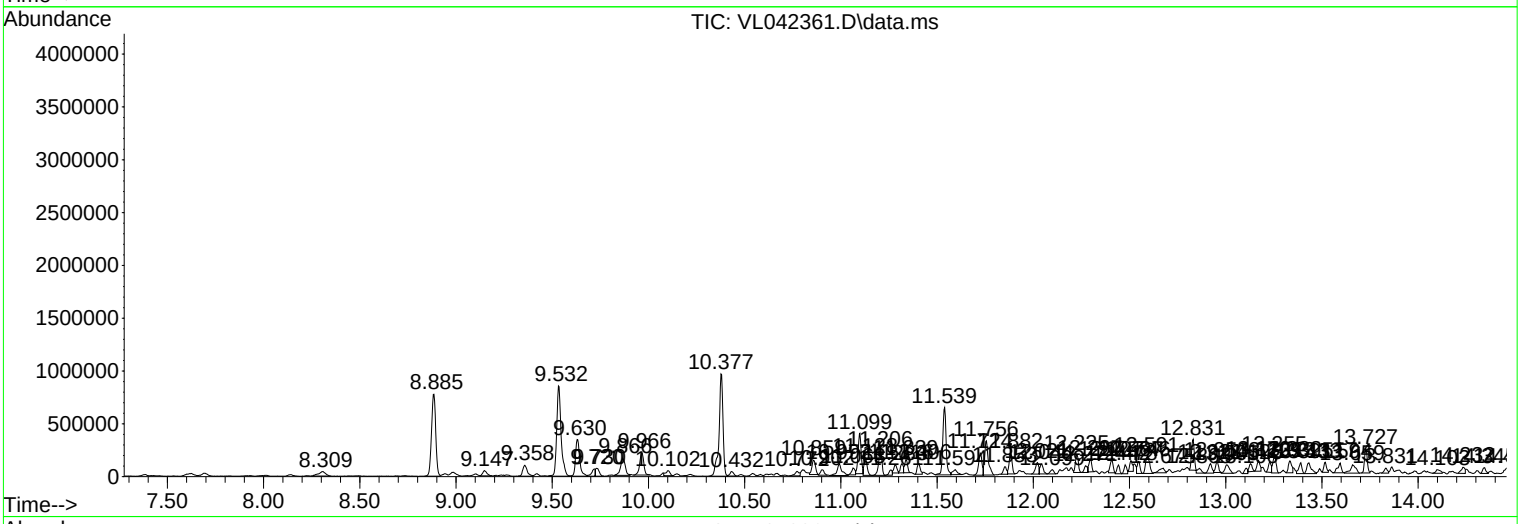
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
Data File : VL042361.D
Acq On : 17 Apr 2025 17:17
Operator : SY/MD
Sample : Q1668-01
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

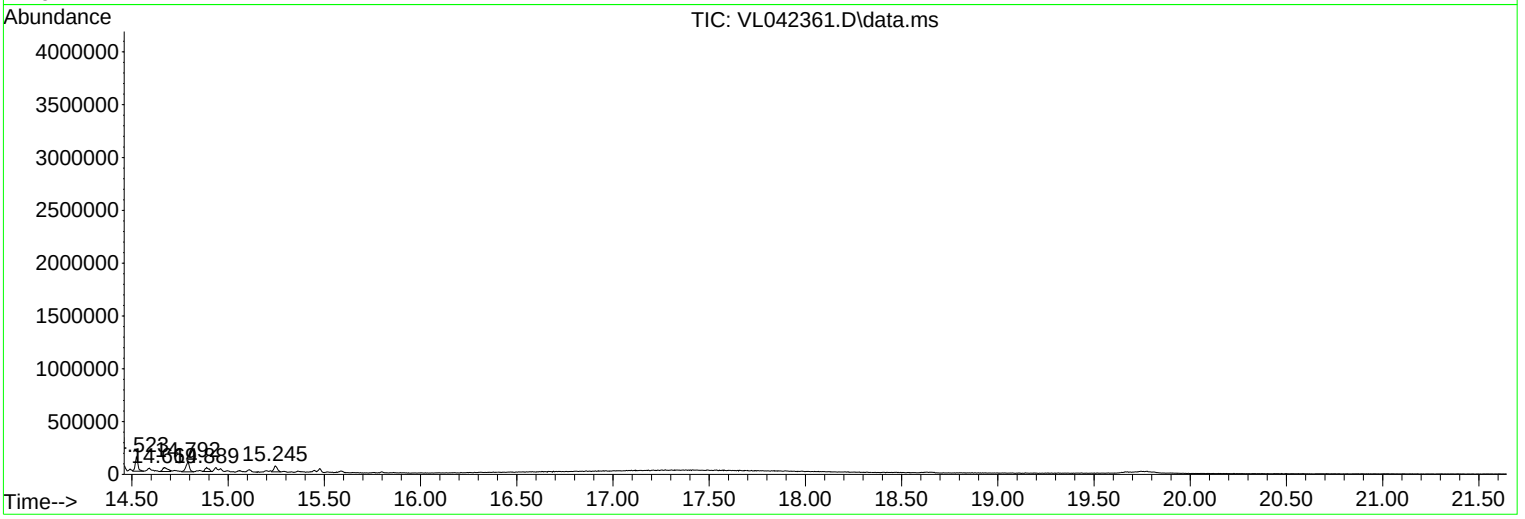
Instrument :
MSVOA_L
ClientSampleId :
IA-B1-4-3252025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.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\VL041725\
Data File : VL042361.D
Acq On : 17 Apr 2025 17:17
Operator : SY/MD
Sample : Q1668-01
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-B1-4-3252025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

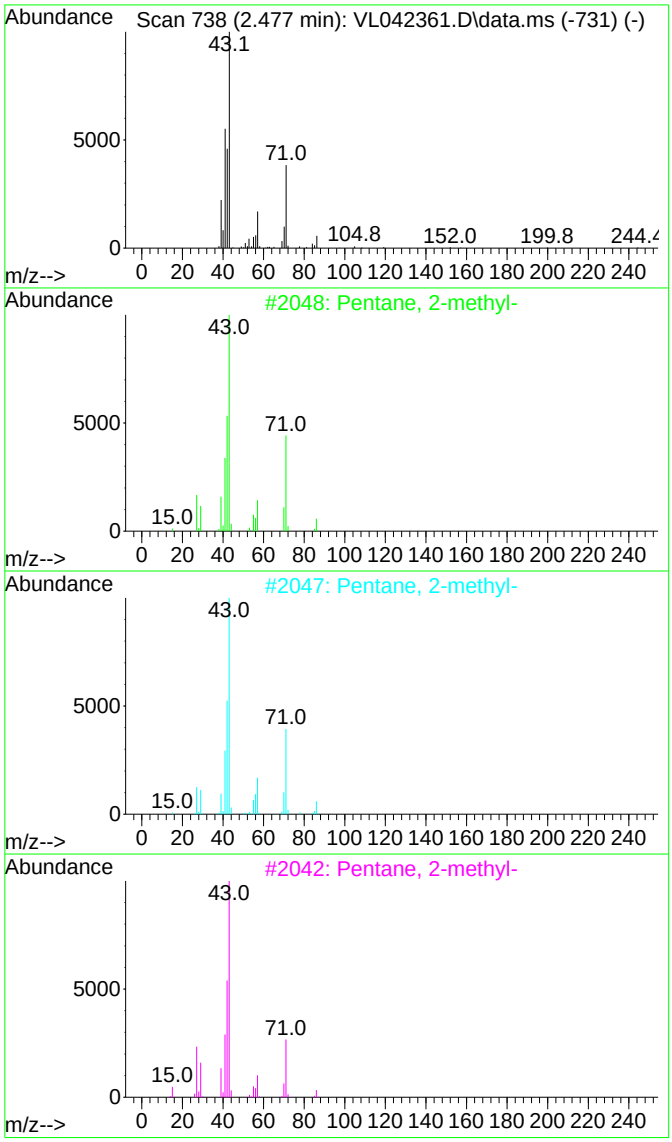
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

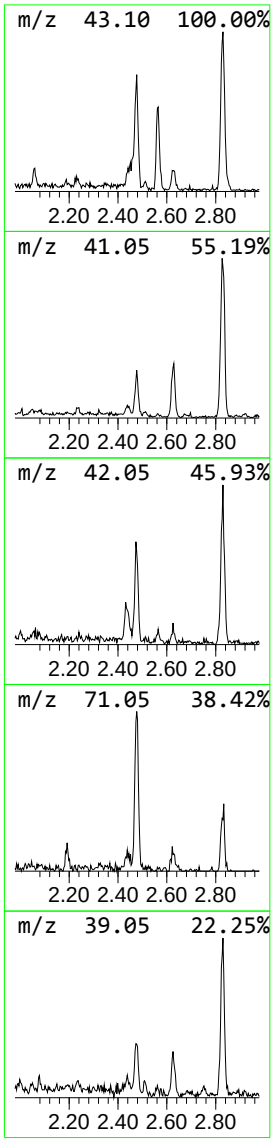
****

Peak Number 1 Pentane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.477	2.00 ppbv	90361	Bromochloromethane	2.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	90
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	90
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	78
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	72
5	Pentane, 2-bromo-	150	C5H11Br	000107-81-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
Data File : VL042361.D
Acq On : 17 Apr 2025 17:17
Operator : SY/MD
Sample : Q1668-01
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-B1-4-3252025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

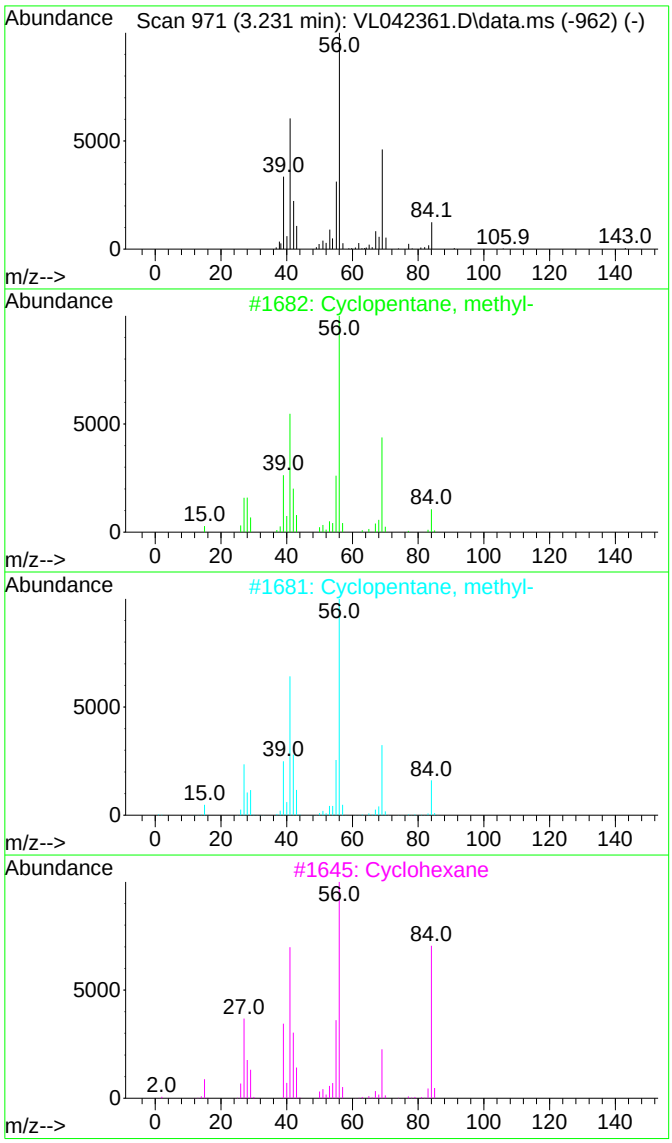
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

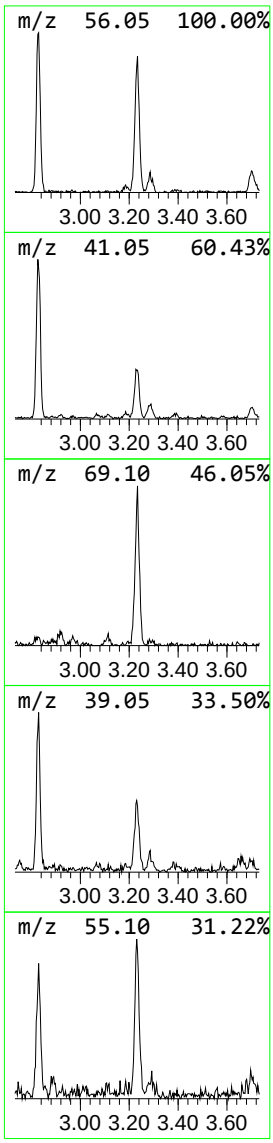
****

Peak Number 2 Cyclopentane, methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.231	2.46 ppbv	111228	Bromochloromethane	2.787

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	72
3	Cyclohexane	84	C6H12	000110-82-7	72
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	59
5	Cyclohexane	84	C6H12	000110-82-7	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
Data File : VL042361.D
Acq On : 17 Apr 2025 17:17
Operator : SY/MD
Sample : Q1668-01
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-B1-4-3252025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

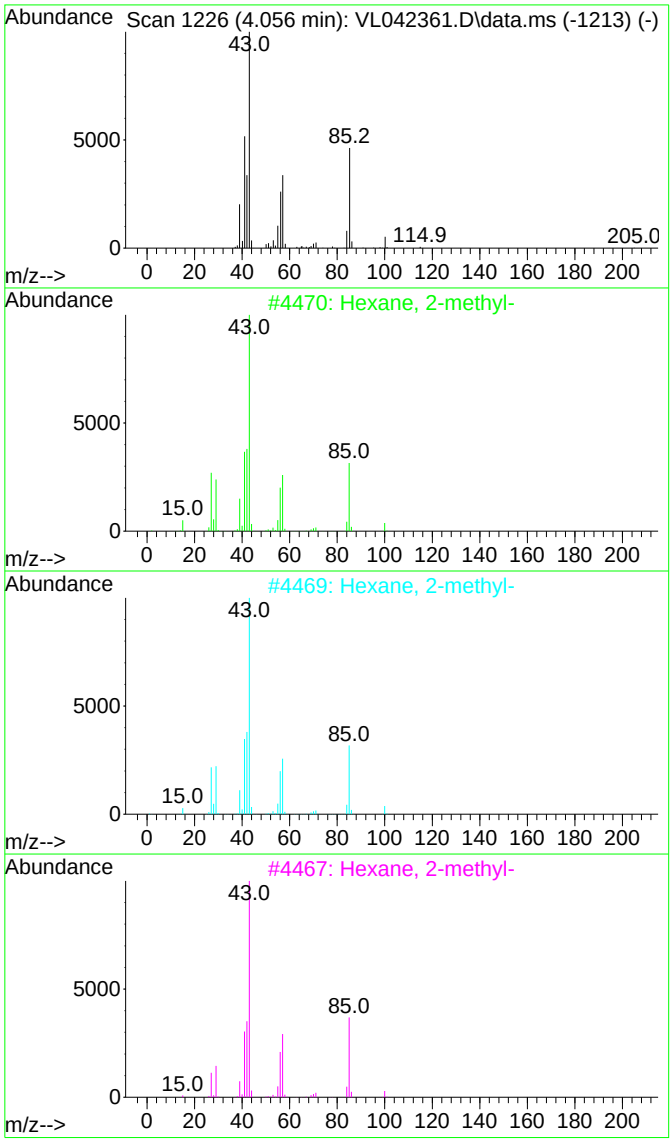
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

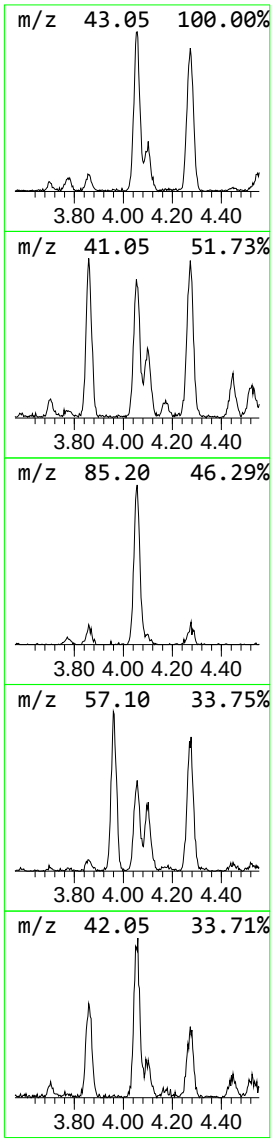
****

Peak Number 3 Hexane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.056	3.11 ppbv	288856	1,4-Difluorobenzene	3.959

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2-methyl-	100	C7H16	000591-76-4	91
2	Hexane, 2-methyl-	100	C7H16	000591-76-4	91
3	Hexane, 2-methyl-	100	C7H16	000591-76-4	91
4	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	72
5	Octane	114	C8H18	000111-65-9	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
Data File : VL042361.D
Acq On : 17 Apr 2025 17:17
Operator : SY/MD
Sample : Q1668-01
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-B1-4-3252025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

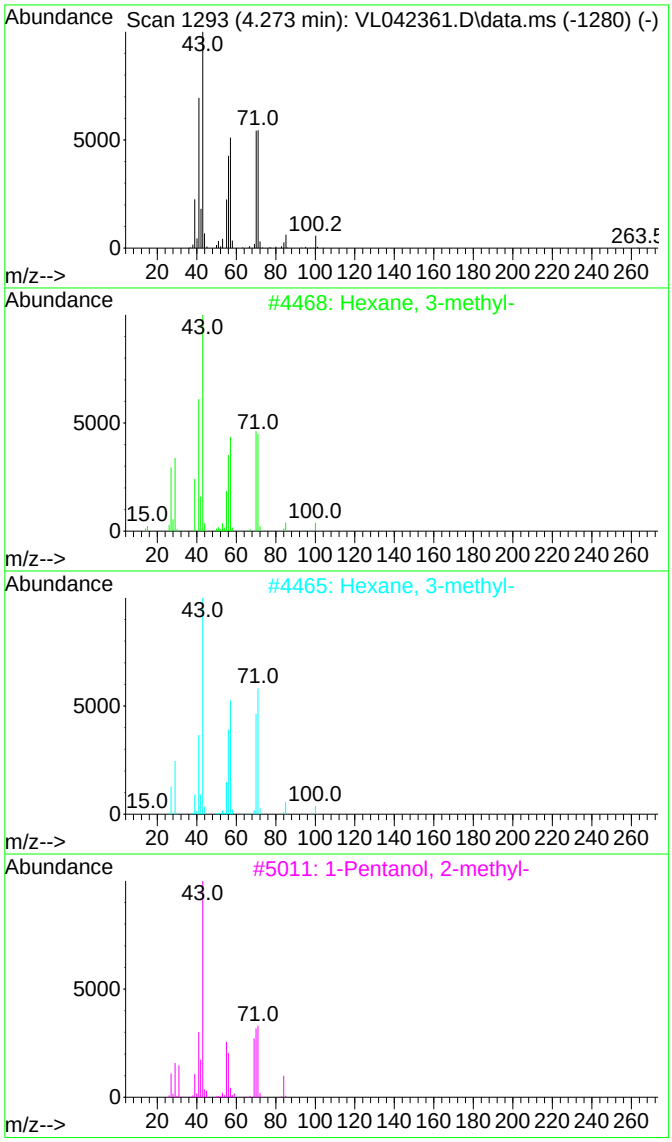
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

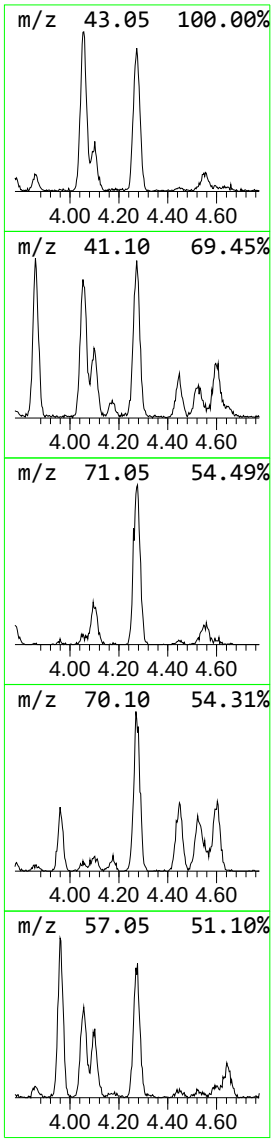
****

Peak Number 4 Hexane, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.273	3.93 ppbv	365708	1,4-Difluorobenzene	3.959

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	94
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
3	1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	78
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	74
5	Heptane	100	C7H16	000142-82-5	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
Data File : VL042361.D
Acq On : 17 Apr 2025 17:17
Operator : SY/MD
Sample : Q1668-01
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-B1-4-3252025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

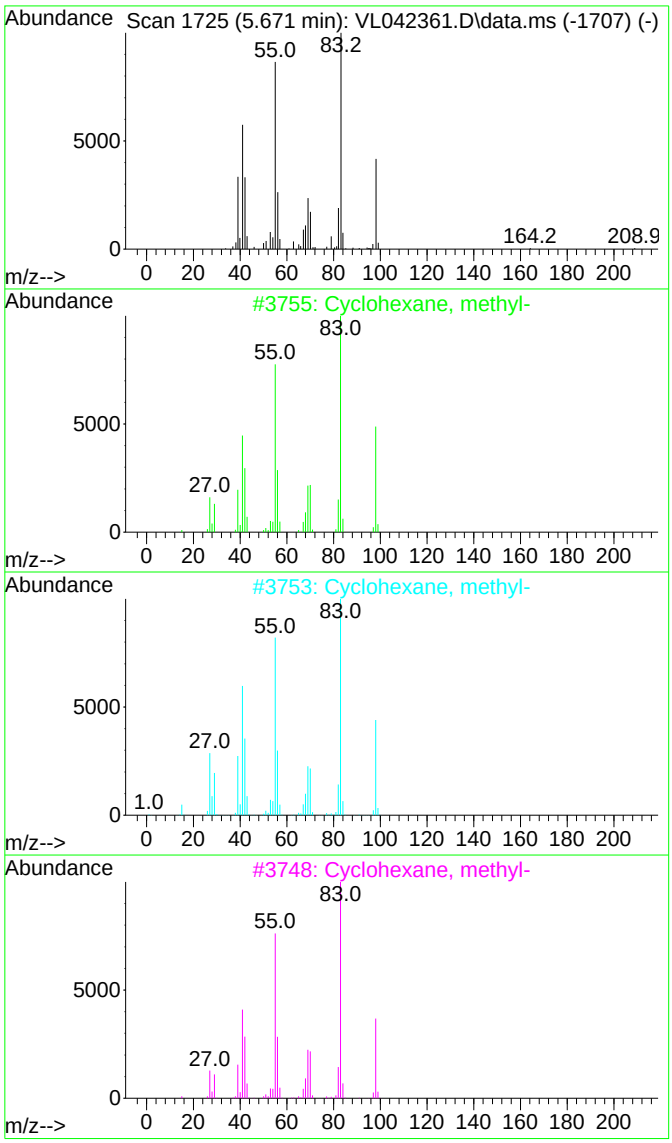
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

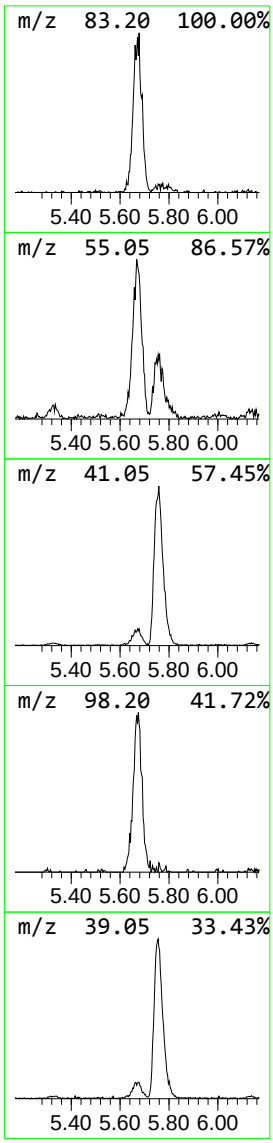
****

Peak Number 5 Cyclohexane, methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.671	2.54 ppbv	236367	1,4-Difluorobenzene	3.959

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	95
2	Cyclohexane, methyl-	98	C7H14	000108-87-2	94
3	Cyclohexane, methyl-	98	C7H14	000108-87-2	94
4	Cyclohexane, methyl-	98	C7H14	000108-87-2	91
5	Cyclohexane, methyl-	98	C7H14	000108-87-2	91





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Acq On : 17 Apr 2025 17:17
Operator : SY/MD
Sample : Q1668-01
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-B1-4-3252025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.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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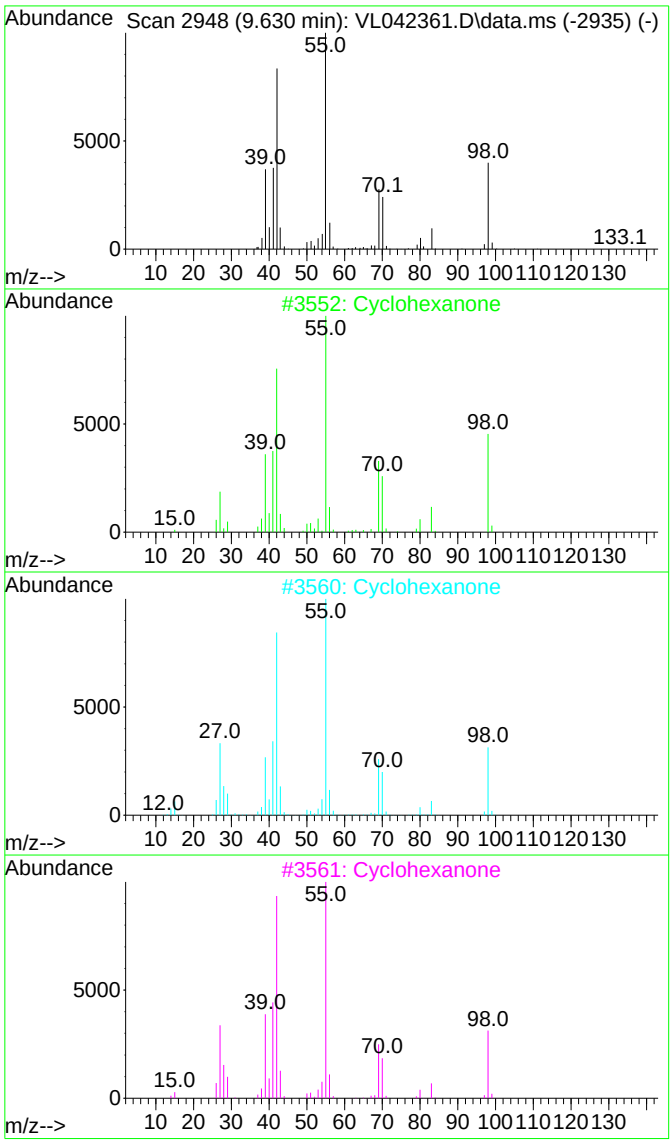
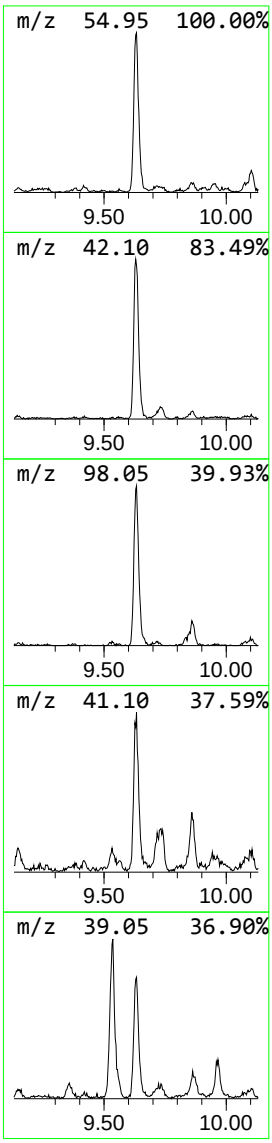
Peak Number 6 Cyclohexanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.630	4.42 ppbv	522696	Chlorobenzene-d5	8.885

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone	98	C6H10O	000108-94-1	97
2	Cyclohexanone	98	C6H10O	000108-94-1	94
3	Cyclohexanone	98	C6H10O	000108-94-1	91
4	Cyclohexanone	98	C6H10O	000108-94-1	91
5	Cyclohexanone	98	C6H10O	000108-94-1	91





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Acq On : 17 Apr 2025 17:17
Operator : SY/MD
Sample : Q1668-01
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-B1-4-3252025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.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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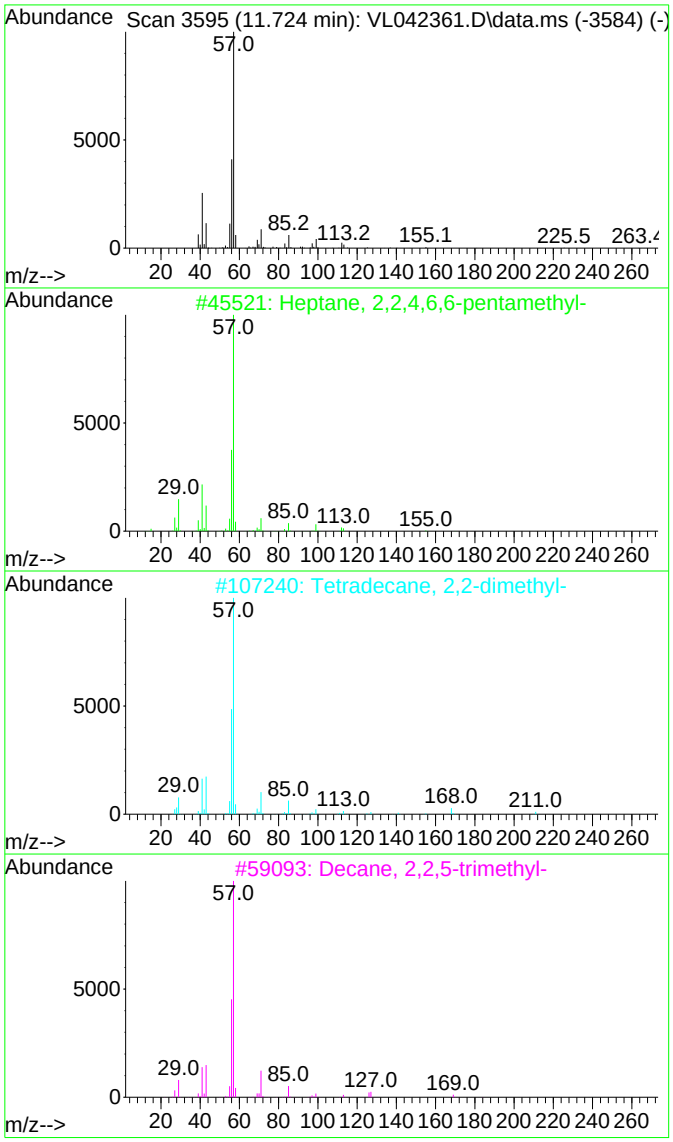
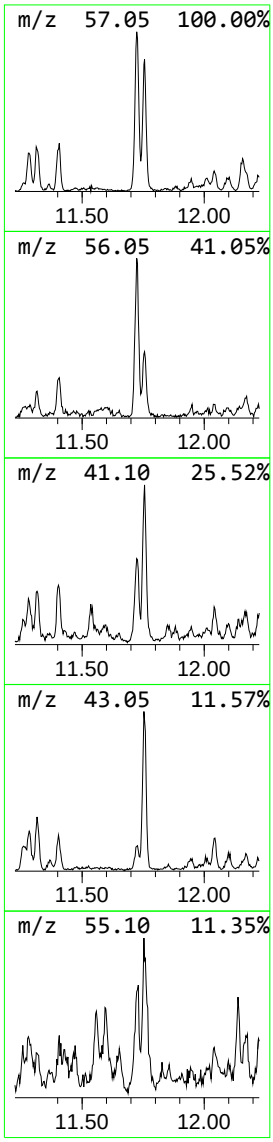
Peak Number 7 Heptane, 2,2,4,6,6-pentamet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.724	2.22 ppbv	262278	Chlorobenzene-d5	8.885

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	90
2	Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	83
3	Decane, 2,2,5-trimethyl-	184	C13H28	062237-96-1	78
4	Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	78
5	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	78





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Data File : VL042361.D
Acq On : 17 Apr 2025 17:17
Operator : SY/MD
Sample : Q1668-01
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-B1-4-3252025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.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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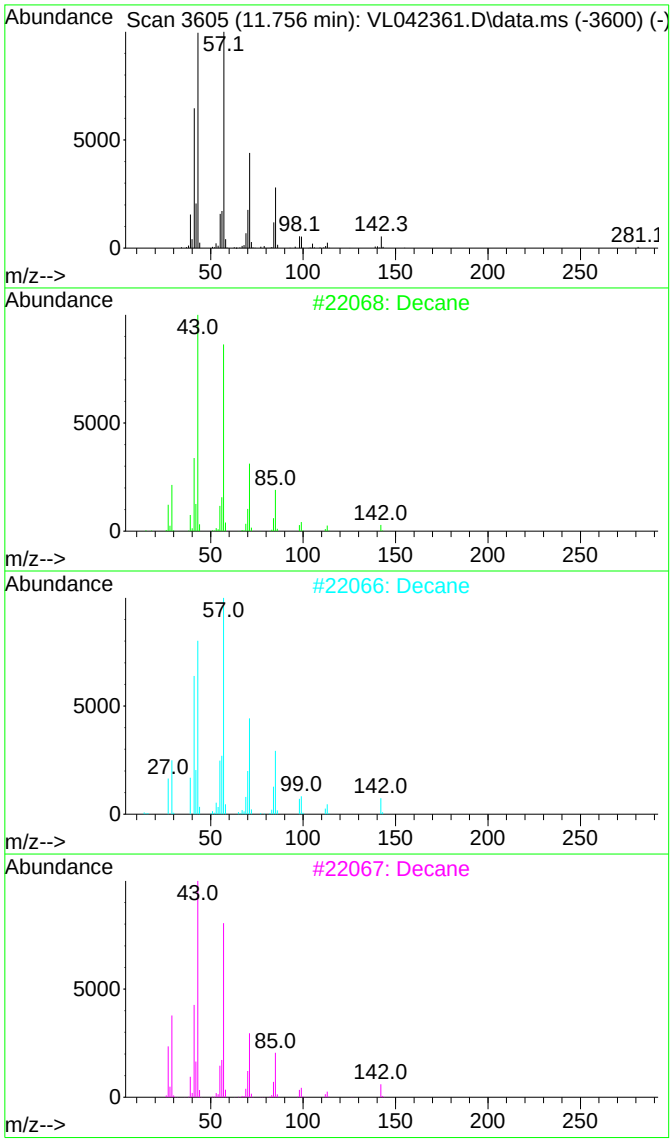
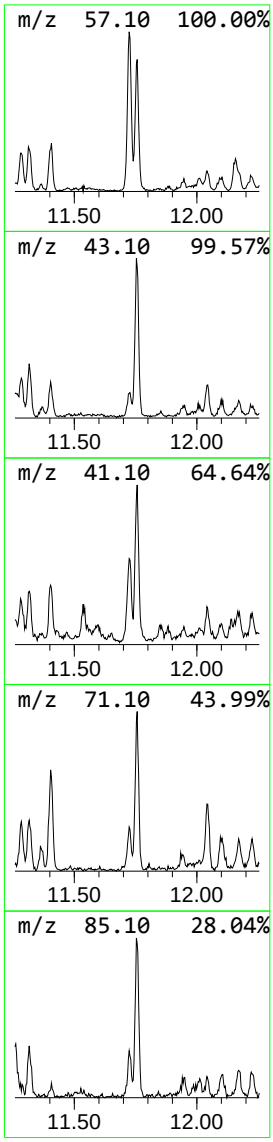
Peak Number 8 Decane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.756	3.61 ppbv	426948	Chlorobenzene-d5	8.885

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	91
2	Decane	142	C10H22	000124-18-5	91
3	Decane	142	C10H22	000124-18-5	68
4	Dodecane	170	C12H26	000112-40-3	64
5	Dodecane	170	C12H26	000112-40-3	64





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Data File : VL042361.D
Acq On : 17 Apr 2025 17:17
Operator : SY/MD
Sample : Q1668-01
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-B1-4-3252025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.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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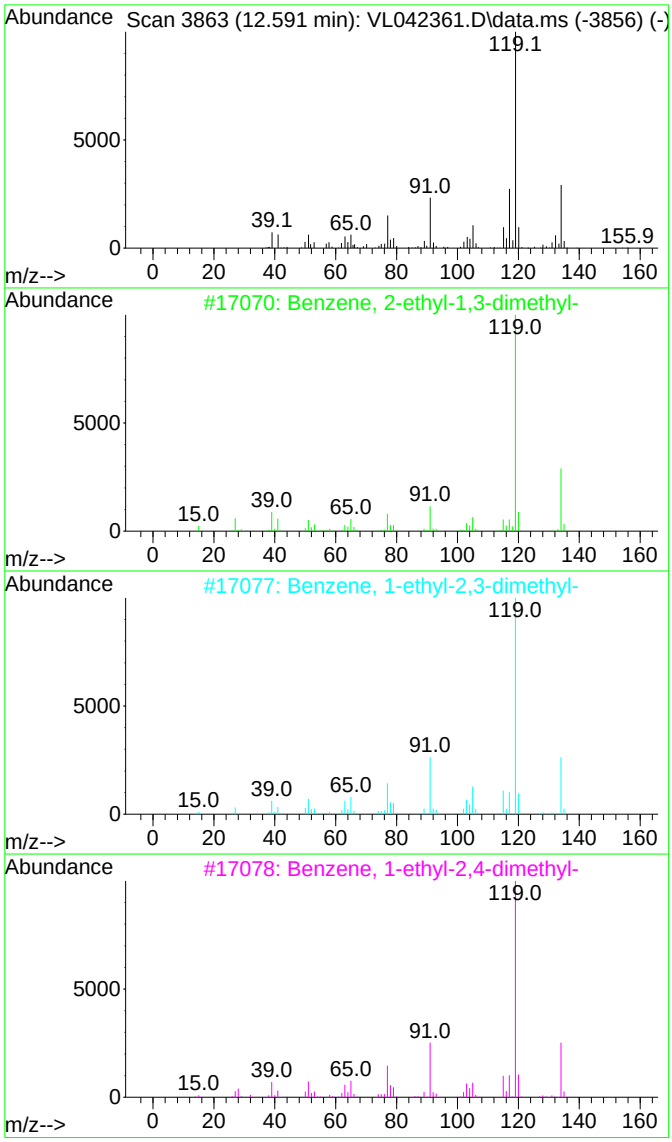
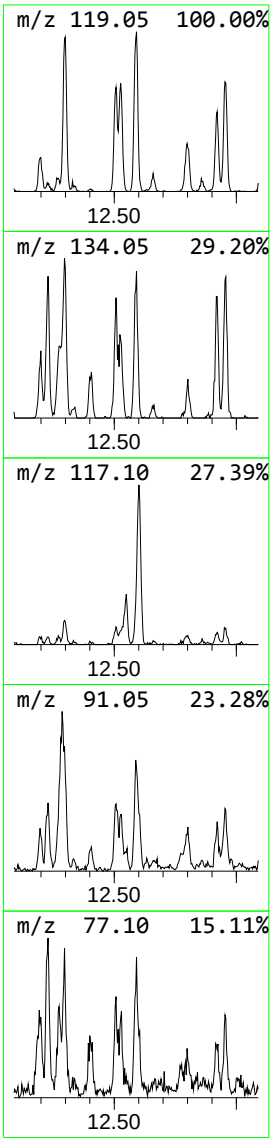
Peak Number 9 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.591	1.97 ppbv	232796	Chlorobenzene-d5	8.885

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
Data File : VL042361.D
Acq On : 17 Apr 2025 17:17
Operator : SY/MD
Sample : Q1668-01
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-B1-4-3252025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.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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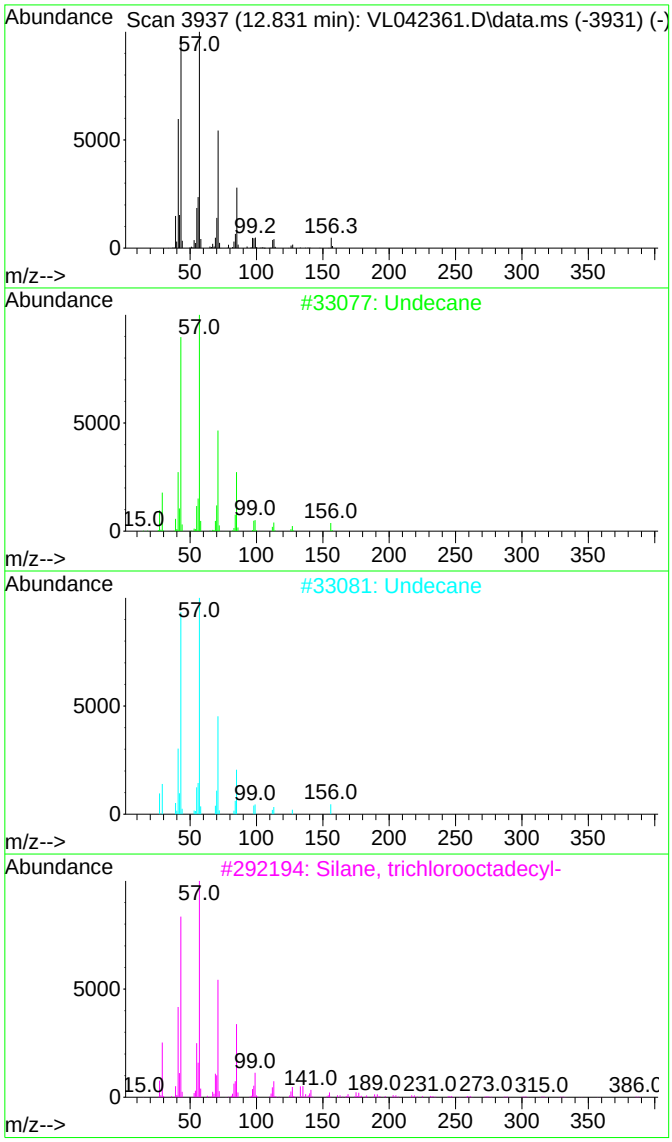
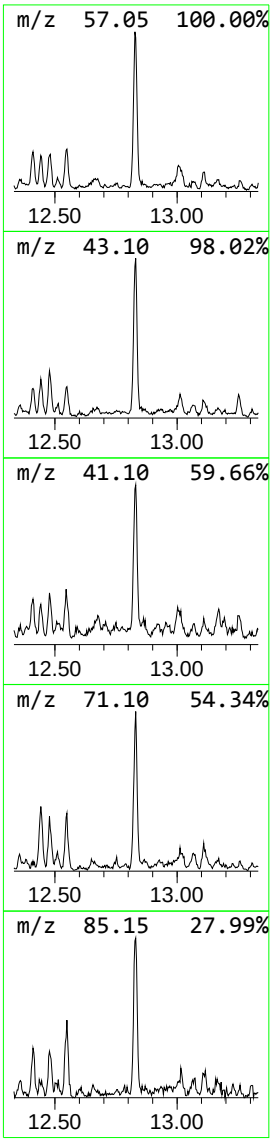
Peak Number 10 Undecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.831	2.37 ppbv	280563	Chlorobenzene-d5	8.885

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	87
2	Undecane	156	C11H24	001120-21-4	87
3	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	78
4	Undecane	156	C11H24	001120-21-4	76
5	Tridecane	184	C13H28	000629-50-5	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
Data File : VL042361.D
Acq On : 17 Apr 2025 17:17
Operator : SY/MD
Sample : Q1668-01
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-B1-4-3252025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.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
Pentane, 2-methyl-	2.477	2.0	ppbv	90361	1	2.787	451417	10.0
Cyclopentane, m...	3.231	2.5	ppbv	111228	1	2.787	451417	10.0
Hexane, 2-methyl-	4.056	3.1	ppbv	288856	2	3.959	929855	10.0
Hexane, 3-methyl-	4.273	3.9	ppbv	365708	2	3.959	929855	10.0
Cyclohexane, me...	5.671	2.5	ppbv	236367	2	3.959	929855	10.0
Cyclohexanone	9.630	4.4	ppbv	522696	3	8.885	1181830	10.0
Heptane, 2,2,4,...	11.724	2.2	ppbv	262278	3	8.885	1181830	10.0
Decane	11.756	3.6	ppbv	426948	3	8.885	1181830	10.0
Benzene, 2-ethy...	12.591	2.0	ppbv	232796	3	8.885	1181830	10.0
Undecane	12.831	2.4	ppbv	280563	3	8.885	1181830	10.0