LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
Data File : VL042363.D
Acq On : 17 Apr 2025 18:24
Operator : SY/MD
Sample : Q1668-03
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-B1-3-3252025

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: VL042363.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	420	rBV	4164753	4711012	100.00%	17.819%
2	1.557	450	454	459	rBV2	137441	80270	1.70%	0.304%
3	1.719	500	504	511	rVB	730617	455138	9.66%	1.722%
4	1.835	535	540	547	rBV2	219139	216042	4.59%	0.817%
5	1.887	549	556	560	rBV2	65548	55908	1.19%	0.211%
6	1.962	575	579	584	rBV	96219	63837	1.36%	0.241%
7	2.059	599	609	613	rBV3	44647	47708	1.01%	0.180%
8	2.473	732	737	744	rVB	88715	86938	1.85%	0.329%
9	2.622	775	783	792	rVB2	59124	65772	1.40%	0.249%
10	2.787	825	834	840	rBV	441803	454636	9.65%	1.720%
11	2.826	840	846	858	rVB	181776	201973	4.29%	0.764%
12	3.230	961	971	980	rVB2	59589	81524	1.73%	0.308%
13	3.654	1091	1102	1110	rBV3	32874	54778	1.16%	0.207%
14	3.855	1151	1164	1175	rBV5	95622	160629	3.41%	0.608%
15	3.955	1184	1195	1211	rBV	586363	930875	19.76%	3.521%
16	4.049	1211	1224	1233	rVV2	123441	222391	4.72%	0.841%
17	4.095	1233	1238	1249	rVB4	52431	85510	1.82%	0.323%
18	4.266	1276	1291	1305	rVB4	144344	288179	6.12%	1.090%
19	4.444	1334	1346	1358	rBV6	31083	58902	1.25%	0.223%
20	4.519	1358	1369	1377	rBV9	27490	63579	1.35%	0.240%
21	4.596	1383	1393	1401	rVB3	35659	59147	1.26%	0.224%
22	4.978	1498	1511	1527	rVB4	82255	178654	3.79%	0.676%
23	5.668	1699	1724	1737	rBV6	62779	173172	3.68%	0.655%
24	5.748	1737	1749	1776	rVV2	731654	1834769	38.95%	6.940%
25	6.936	2102	2116	2127	rBV3	88550	182982	3.88%	0.692%
26	7.613	2309	2325	2326	rBV6	30842	50187	1.07%	0.190%
27	8.302	2531	2538	2555	rVB8	48472	112273	2.38%	0.425%
28	8.882	2701	2717	2727	rBV	766776	1157964	24.58%	4.380%
29	8.982	2740	2748	2762	rVB8	49326	98722	2.10%	0.373%
30	9.144	2790	2798	2812	rVB3	53109	83167	1.77%	0.315%
31	9.354	2852	2863	2875	rBV2	119959	200501	4.26%	0.758%
32	9.529	2907	2917	2934	rVB	661888	1112755	23.62%	4.209%
33	9.629	2934	2948	2965	rVV	216386	345405	7.33%	1.306%
34	9.730	2965	2979	2991	rVB6	107173	247258	5.25%	0.935%
35	9.859	3006	3019	3031	rBV5	141249	254982	5.41%	0.964%
36	9.963	3041	3051	3062	rBV	275078	388323	8.24%	1.469%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
Data File : VL042363.D
Acq On : 17 Apr 2025 18:24
Operator : SY/MD
Sample : Q1668-03
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-B1-3-3252025

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	10.098	3088	3093	3100	rVB4	64114	86459	1.84%	0.327%
38	10.377	3156	3179	3188	rBV3	952202	1431484	30.39%	5.414%
39	10.432	3188	3196	3205	rVB3	53312	71440	1.52%	0.270%
40	10.768	3288	3300	3305	rBV4	56788	88861	1.89%	0.336%
41	10.856	3321	3327	3334	rVB3	74531	92674	1.97%	0.351%
42	10.901	3334	3341	3349	rVB4	62483	81270	1.73%	0.307%
43	10.989	3353	3368	3382	rBV3	126524	221476	4.70%	0.838%
44	11.095	3394	3401	3406	rBV	514012	565072	11.99%	2.137%
45	11.125	3406	3410	3421	rVB	214390	244587	5.19%	0.925%
46	11.202	3421	3434	3442	rBV2	312620	373334	7.92%	1.412%
47	11.257	3442	3451	3454	rBV	69952	79345	1.68%	0.300%
48	11.280	3454	3458	3463	rVV2	104077	106039	2.25%	0.401%
49	11.312	3463	3468	3472	rVV2	102205	118693	2.52%	0.449%
50	11.335	3472	3475	3481	rVB2	150460	152071	3.23%	0.575%
51	11.403	3489	3496	3501	rBV2	124820	135984	2.89%	0.514%
52	11.536	3528	3537	3547	rBV	868083	972301	20.64%	3.678%
53	11.591	3547	3554	3566	rVB5	50240	86331	1.83%	0.327%
54	11.727	3583	3596	3598	rBV3	65833	88532	1.88%	0.335%
55	11.752	3598	3604	3619	rVB2	316329	416809	8.85%	1.577%
56	11.879	3637	3643	3650	rVB2	254787	269740	5.73%	1.020%
57	12.018	3677	3686	3690	rBV2	152441	186499	3.96%	0.705%
58	12.040	3690	3693	3703	rVB5	84407	89240	1.89%	0.338%
59	12.096	3703	3710	3717	rVB7	44392	54472	1.16%	0.206%
60	12.170	3727	3733	3737	rBV4	55377	59427	1.26%	0.225%
61	12.196	3737	3741	3744	rVV2	68774	62318	1.32%	0.236%
62	12.225	3744	3750	3757	rVB	215051	224174	4.76%	0.848%
63	12.270	3757	3764	3767	rBV2	82846	94784	2.01%	0.359%
64	12.296	3767	3772	3777	rVB2	168737	171441	3.64%	0.648%
65	12.403	3794	3805	3811	rBV3	139767	163836	3.48%	0.620%
66	12.439	3811	3816	3822	rVB3	85146	85487	1.81%	0.323%
67	12.477	3822	3828	3832	rBV2	88837	92790	1.97%	0.351%
68	12.503	3832	3836	3840	rBV2	130502	131254	2.79%	0.496%
69	12.545	3845	3849	3855	rVB3	142079	142135	3.02%	0.538%
70	12.591	3855	3863	3872	rBV4	220691	313084	6.65%	1.184%
71	12.668	3877	3887	3893	rBV7	53329	77380	1.64%	0.293%
72	12.827	3930	3936	3942	rVB2	282152	262228	5.57%	0.992%
73	12.859	3942	3946	3955	rVB7	40575	54660	1.16%	0.207%
74	12.918	3955	3964	3969	rBV2	110992	130273	2.77%	0.493%
75	12.950	3969	3974	3982	rVV	143826	146120	3.10%	0.553%
76	13.002	3984	3990	4002	rVB8	84226	132331	2.81%	0.501%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
Data File : VL042363.D
Acq On : 17 Apr 2025 18:24
Operator : SY/MD
Sample : Q1668-03
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-B1-3-3252025

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	13.102	4016	4021	4023	rBV3	58961	53065	1.13%	0.201%
78	13.128	4023	4029	4035	rVB2	124649	136499	2.90%	0.516%
79	13.167	4035	4041	4046	rBV4	91535	98329	2.09%	0.372%
80	13.225	4053	4059	4063	rBV	153799	165182	3.51%	0.625%
81	13.251	4063	4067	4075	rVB6	96366	124067	2.63%	0.469%
82	13.332	4085	4092	4102	rBV6	163805	224548	4.77%	0.849%
83	13.387	4102	4109	4115	rVB4	119064	137234	2.91%	0.519%
84	13.423	4115	4120	4125	rBV6	74247	90169	1.91%	0.341%
85	13.513	4143	4148	4153	rBV	59545	61169	1.30%	0.231%
86	13.578	4161	4168	4169	rBV3	67895	60969	1.29%	0.231%
87	13.591	4169	4172	4177	rVB7	74704	69032	1.47%	0.261%
88	13.662	4184	4194	4205	rVB6	117000	209215	4.44%	0.791%
89	13.727	4205	4214	4220	rBV2	227034	237426	5.04%	0.898%
90	13.830	4235	4246	4251	rBV3	72576	100629	2.14%	0.381%
91	13.898	4260	4267	4272	rVB8	50528	68353	1.45%	0.259%
92	13.979	4281	4292	4298	rBV8	39717	52368	1.11%	0.198%
93	14.109	4320	4332	4344	rVB8	55012	131914	2.80%	0.499%
94	14.235	4361	4371	4387	rVB7	113249	210659	4.47%	0.797%
95	14.338	4398	4403	4410	rBV4	65653	76845	1.63%	0.291%
96	14.452	4430	4438	4445	rBV5	76411	114130	2.42%	0.432%
97	14.523	4454	4460	4472	rVB2	156795	177895	3.78%	0.673%
98	14.588	4472	4480	4484	rBV7	38659	49095	1.04%	0.186%
99	14.665	4494	4504	4515	rBV5	86075	133695	2.84%	0.506%
100	14.788	4532	4542	4551	rVB2	83951	110417	2.34%	0.418%
101	14.892	4566	4574	4581	rVB6	34870	56350	1.20%	0.213%
102	14.934	4581	4587	4591	rBV6	39288	51392	1.09%	0.194%
103	15.109	4633	4641	4648	rVB6	40823	61580	1.31%	0.233%
104	15.242	4672	4682	4691	rVB5	85795	101266	2.15%	0.383%
105	15.585	4782	4788	4798	rVB10	36420	52638	1.12%	0.199%

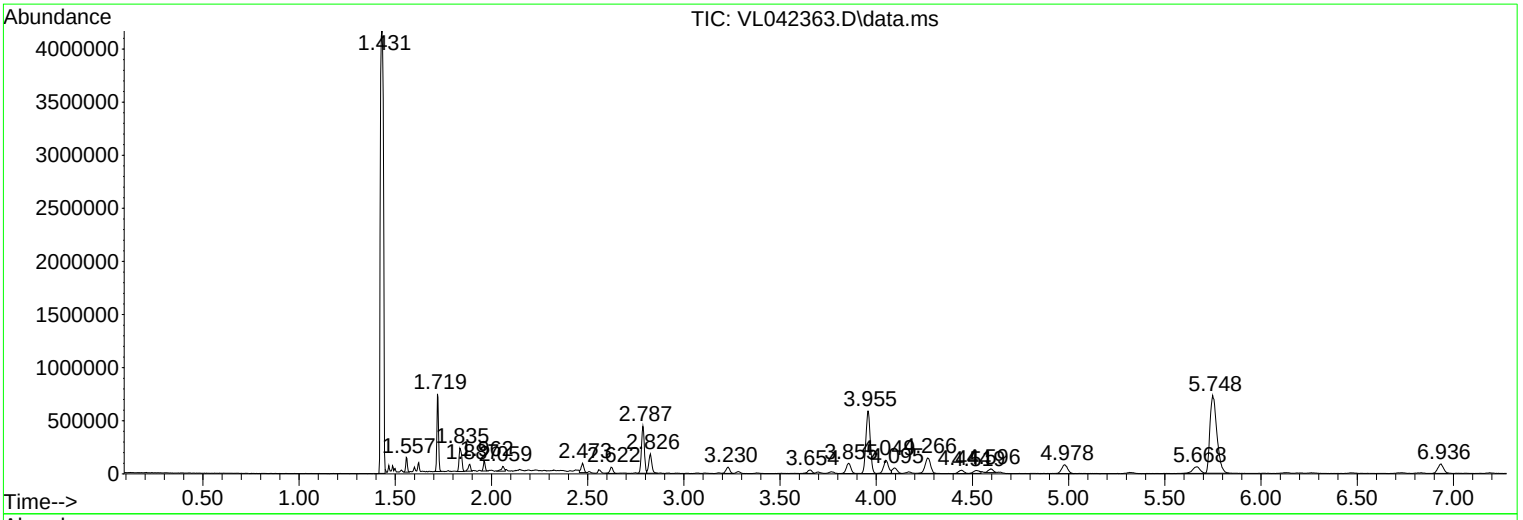
Sum of corrected areas: 26438427

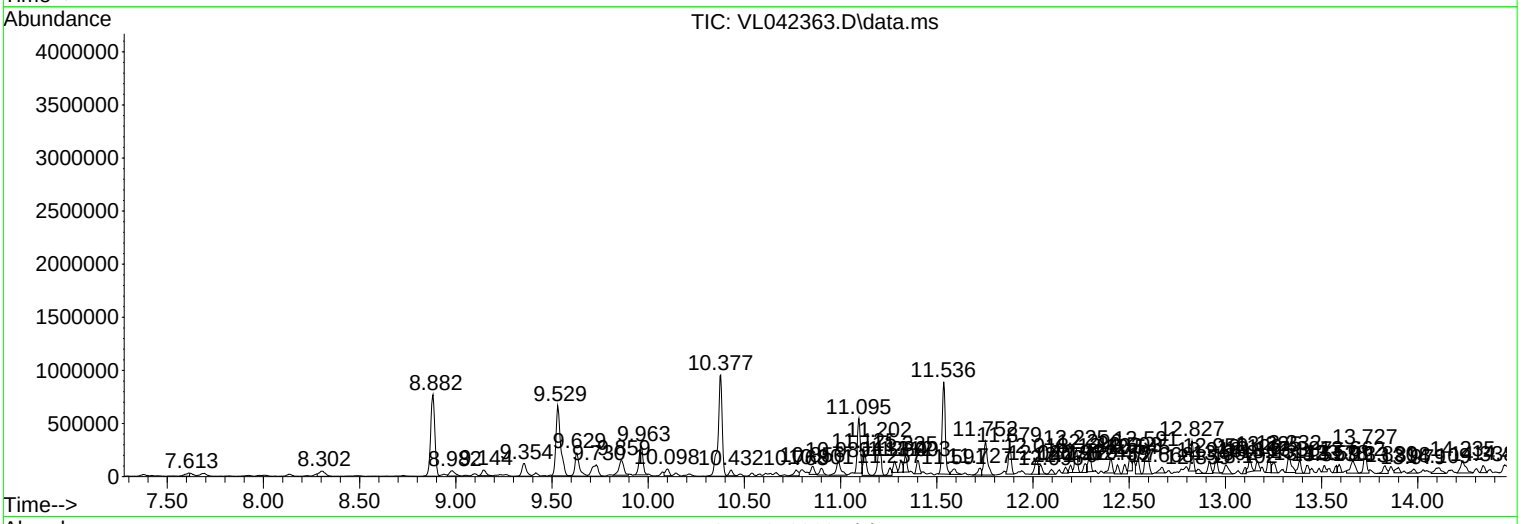
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
Data File : VL042363.D
Acq On : 17 Apr 2025 18:24
Operator : SY/MD
Sample : Q1668-03
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

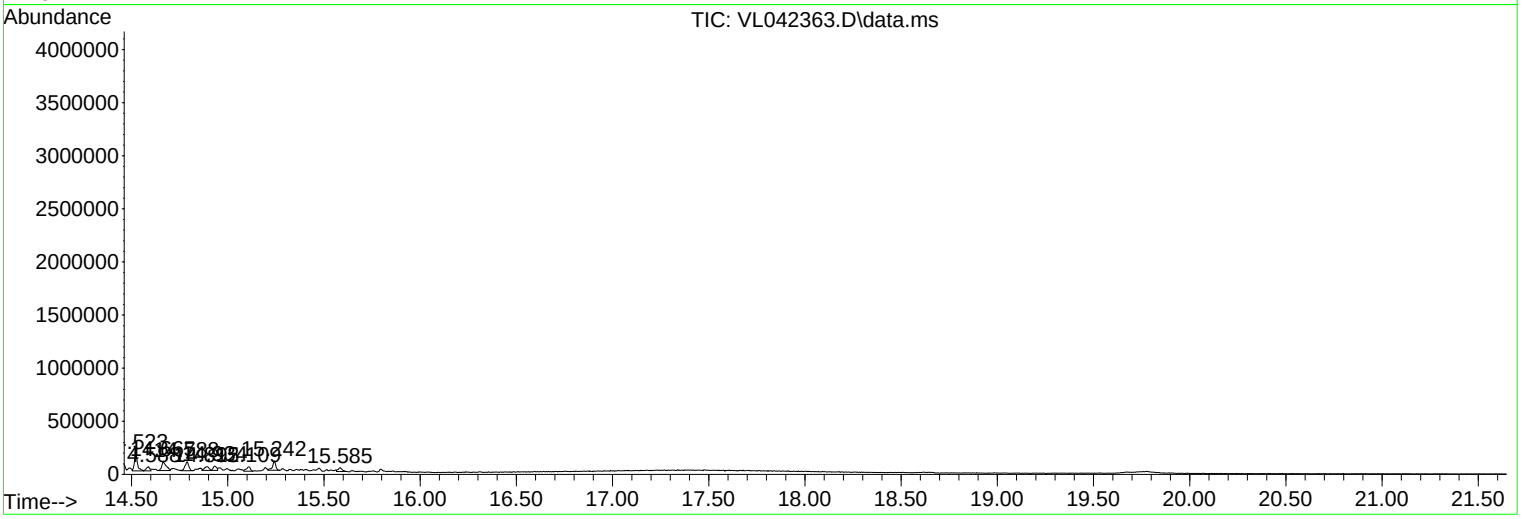
Instrument :
MSVOA_L
ClientSampleId :
IA-B1-3-3252025

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 : VL042363.D
Acq On : 17 Apr 2025 18:24
Operator : SY/MD
Sample : Q1668-03
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-B1-3-3252025

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

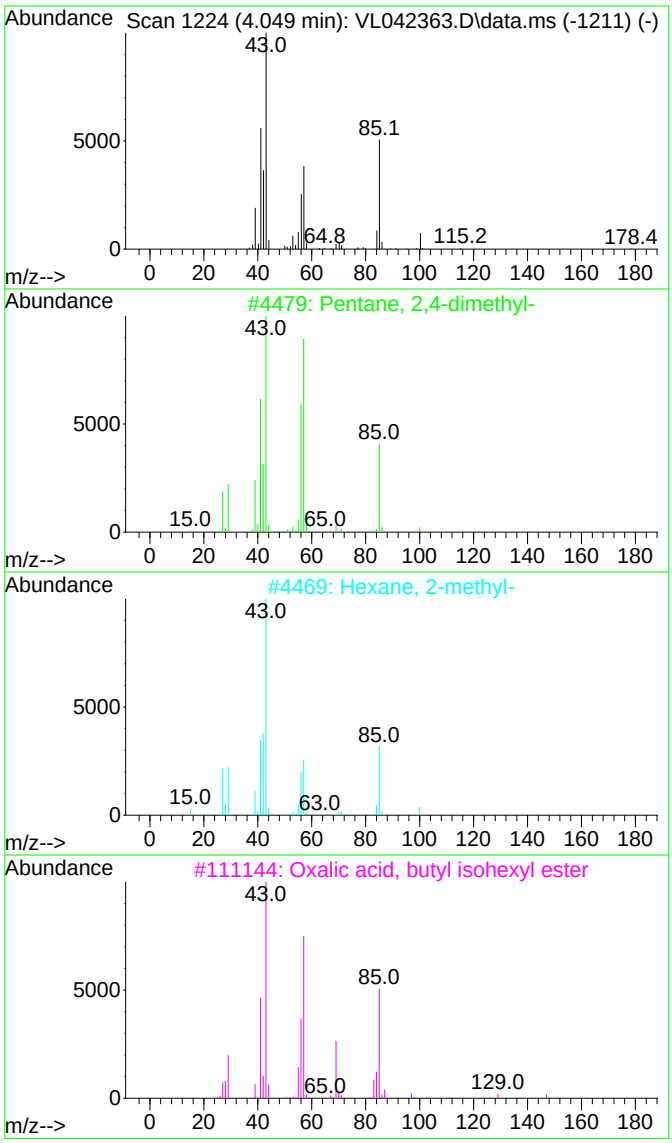
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

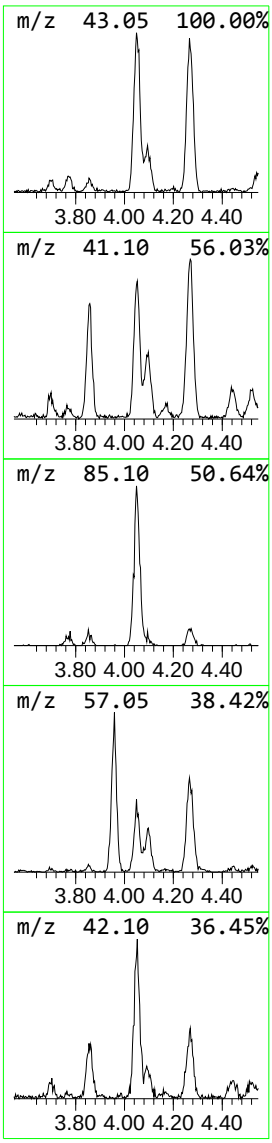
****

Peak Number 1 Pentane, 2,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.049	2.39 ppbv	222391	1,4-Difluorobenzene	3.959

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	80
2	Hexane, 2-methyl-	100	C7H16	000591-76-4	74
3	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	64
4	Oxalic acid, diisohexyl ester	258	C14H26O4	1010309-32-9	64
5	Heptane, 3-methyl-	114	C8H18	000589-81-1	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
Data File : VL042363.D
Acq On : 17 Apr 2025 18:24
Operator : SY/MD
Sample : Q1668-03
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-B1-3-3252025

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

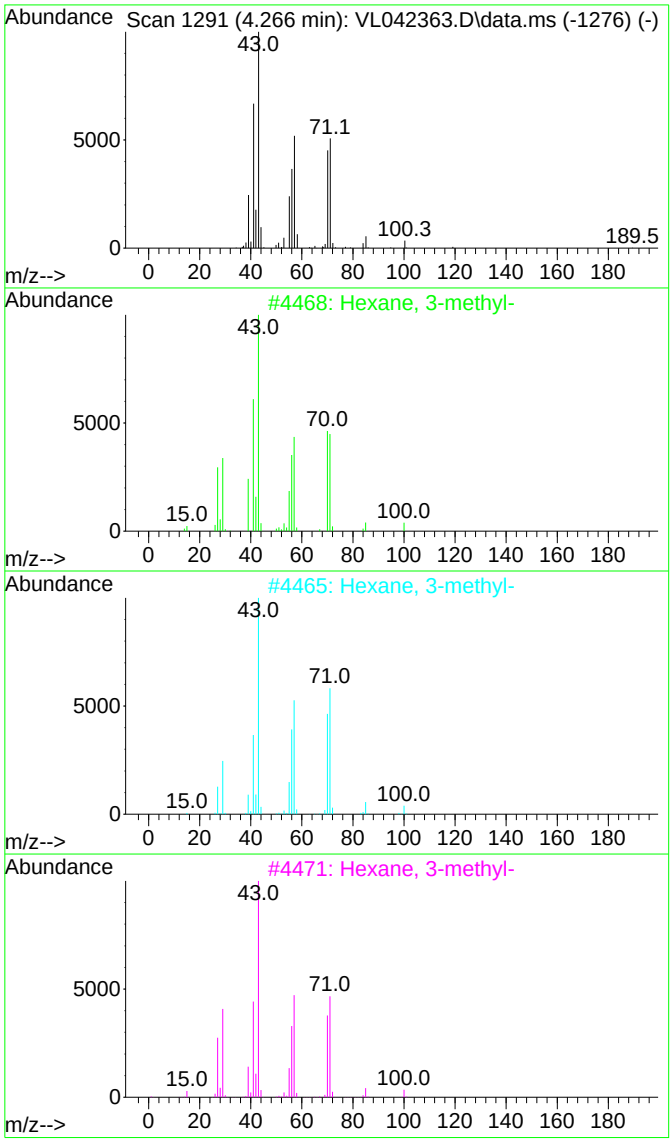
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

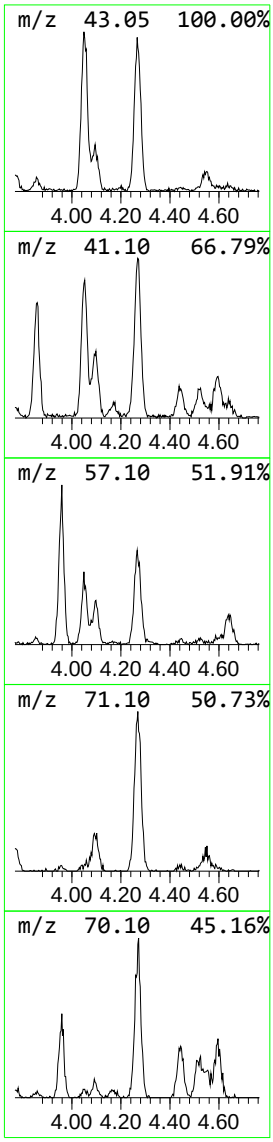
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.266	3.10 ppbv	288179	1,4-Difluorobenzene	3.959

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	87
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	86
4	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	59
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
Data File : VL042363.D
Acq On : 17 Apr 2025 18:24
Operator : SY/MD
Sample : Q1668-03
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-B1-3-3252025

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

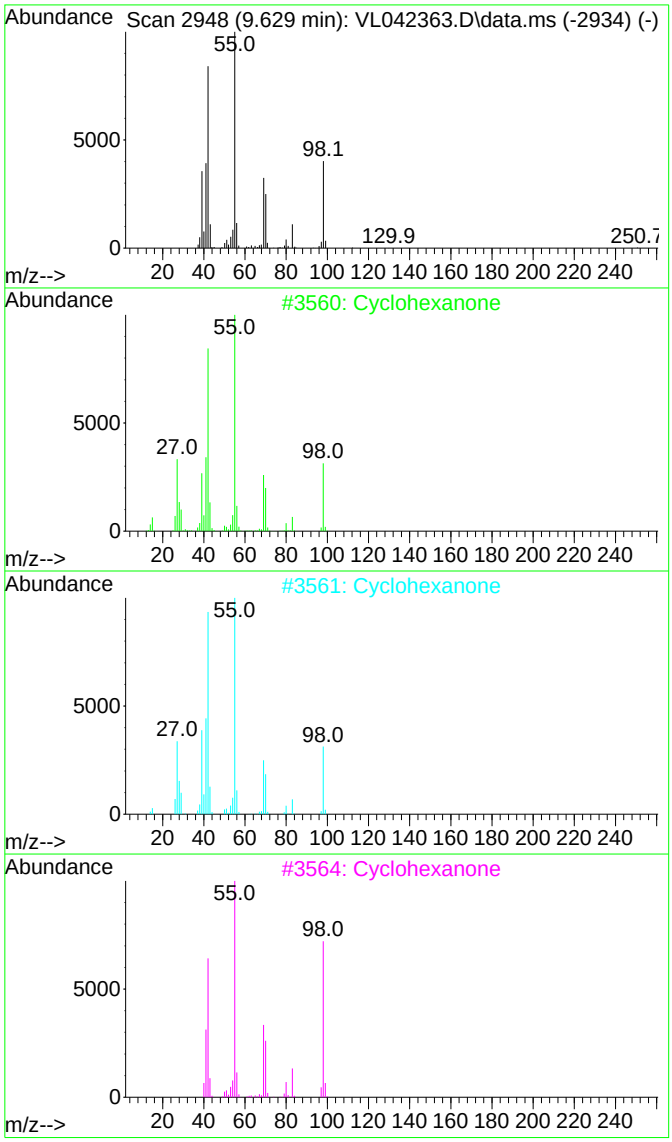
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

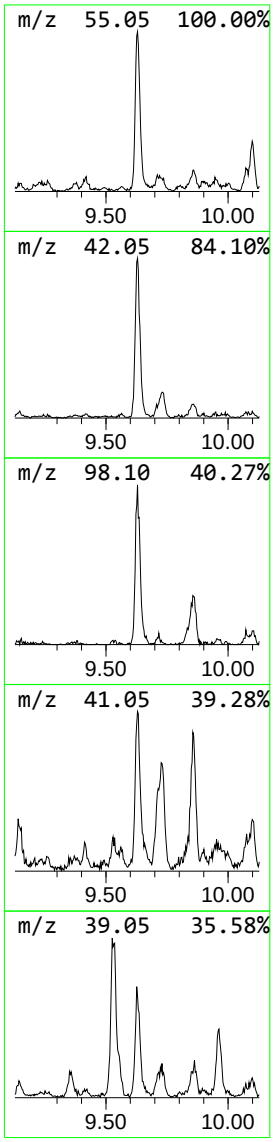
****

Peak Number 3 Cyclohexanone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.629	2.98 ppbv	345405	Chlorobenzene-d5	8.882

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	91
4	Cyclohexanone	98	C6H10O	000108-94-1	91
5	Cyclohexanone	98	C6H10O	000108-94-1	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
Data File : VL042363.D
Acq On : 17 Apr 2025 18:24
Operator : SY/MD
Sample : Q1668-03
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-B1-3-3252025

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

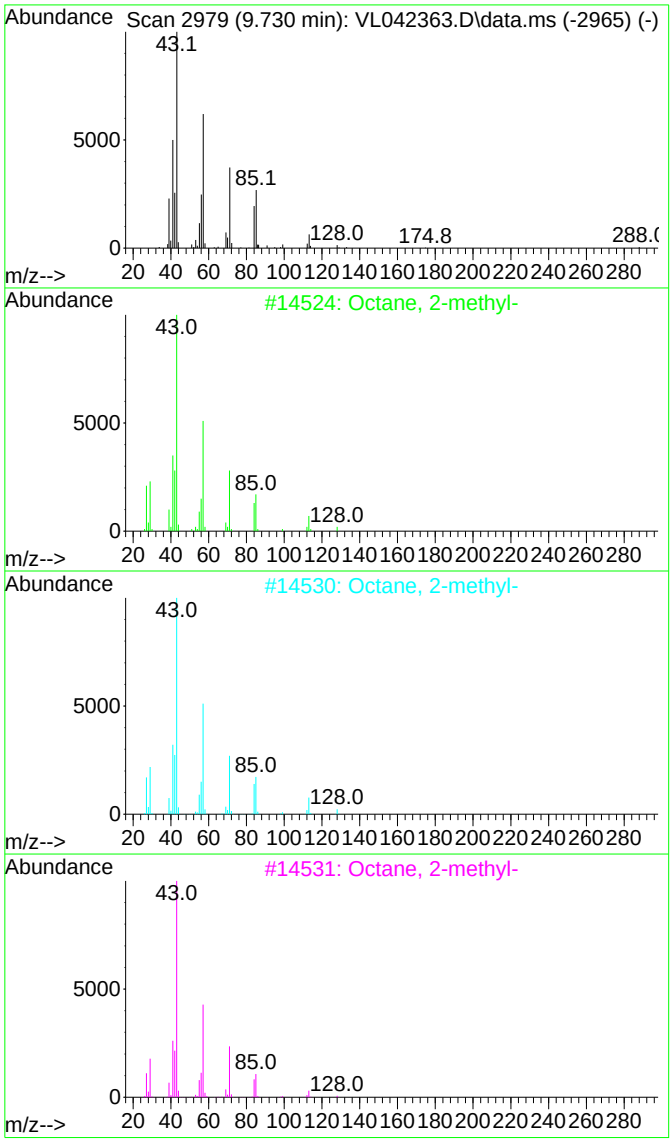
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

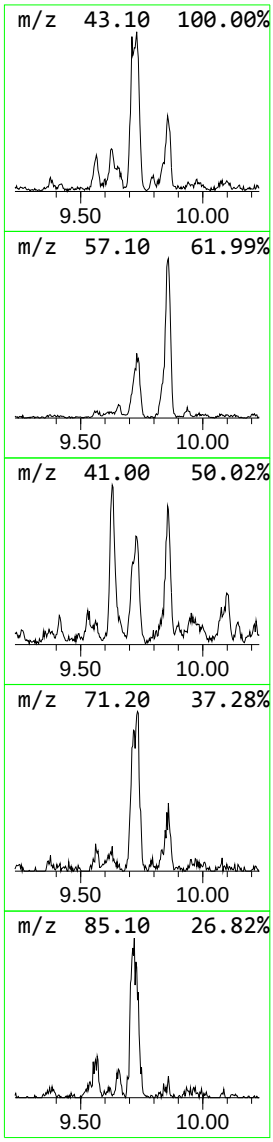
****

Peak Number 4 Octane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.730	2.14 ppbv	247258	Chlorobenzene-d5	8.882

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	90
2	Octane, 2-methyl-	128	C9H20	003221-61-2	90
3	Octane, 2-methyl-	128	C9H20	003221-61-2	87
4	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	72
5	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
Data File : VL042363.D
Acq On : 17 Apr 2025 18:24
Operator : SY/MD
Sample : Q1668-03
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-B1-3-3252025

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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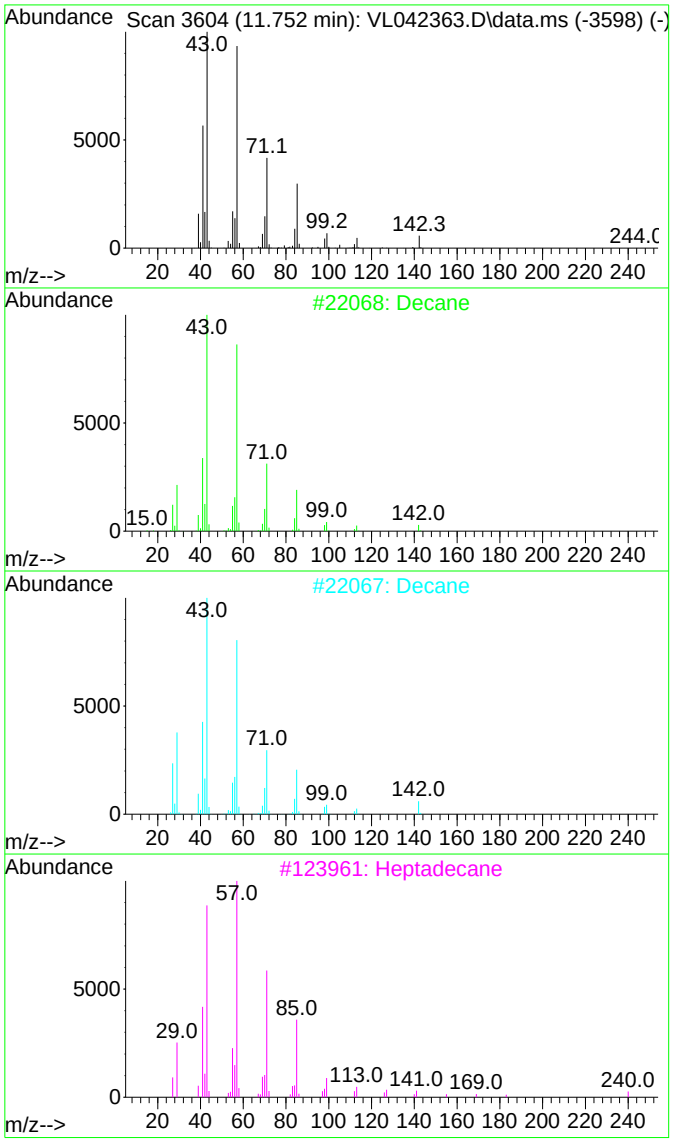
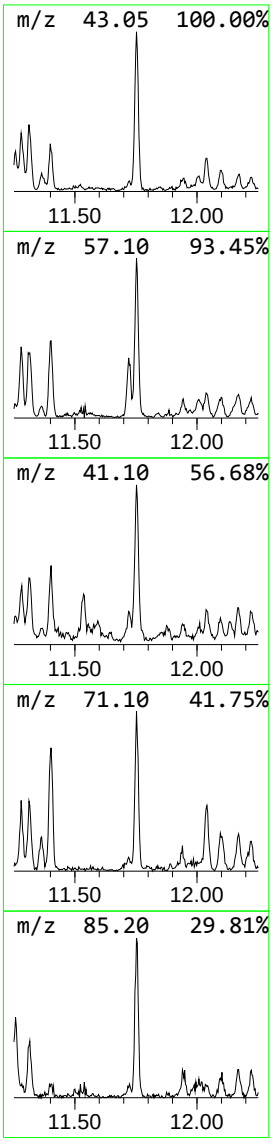
Peak Number 5 Decane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.752	3.60 ppbv	416809	Chlorobenzene-d5	8.882

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	91
2	Decane	142	C10H22	000124-18-5	90
3	Heptadecane	240	C17H36	000629-78-7	83
4	Tridecane	184	C13H28	000629-50-5	80
5	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	78





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Data File : VL042363.D
Acq On : 17 Apr 2025 18:24
Operator : SY/MD
Sample : Q1668-03
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-B1-3-3252025

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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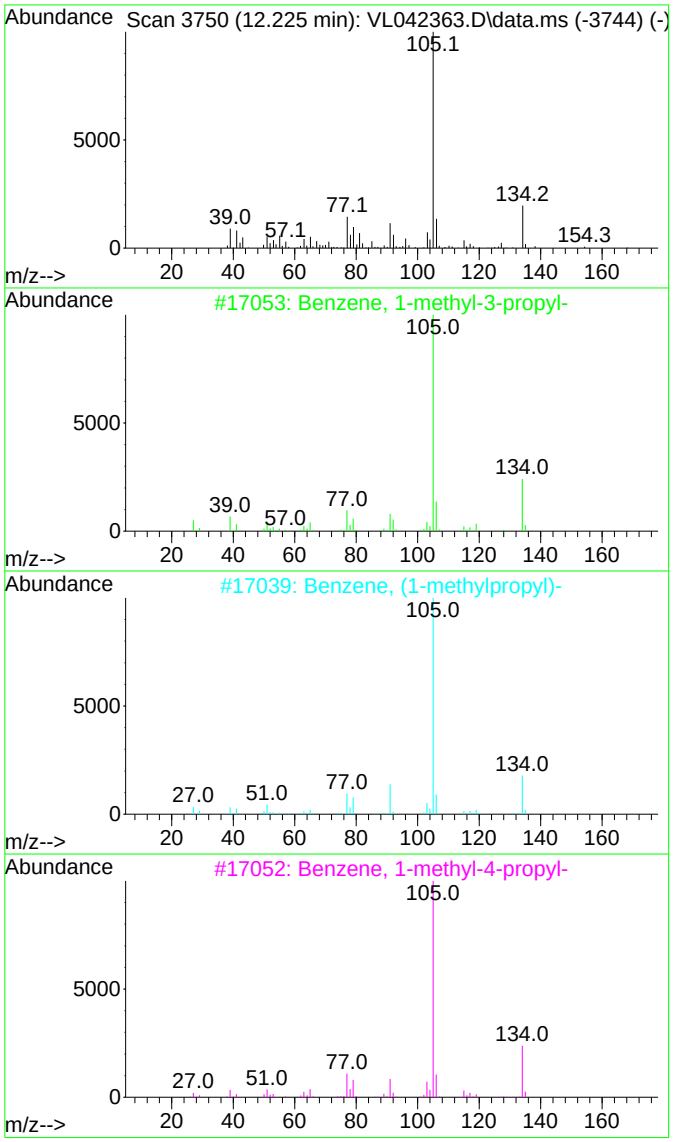
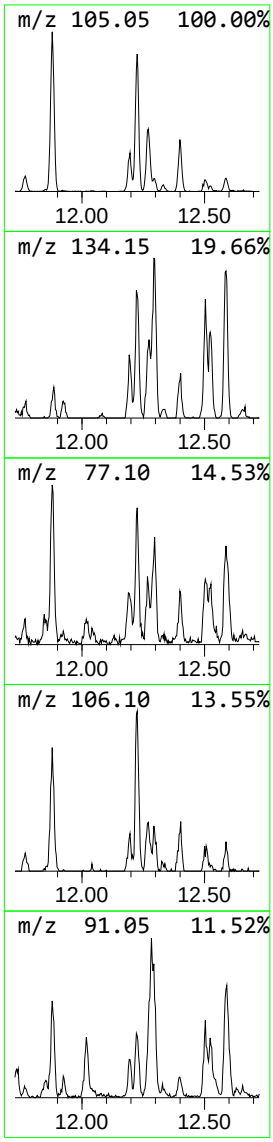
Peak Number 6 Benzene, 1-methyl-3-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.225	1.94 ppbv	224174	Chlorobenzene-d5	8.882

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	90
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	90
5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90





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Data File : VL042363.D
Acq On : 17 Apr 2025 18:24
Operator : SY/MD
Sample : Q1668-03
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-B1-3-3252025

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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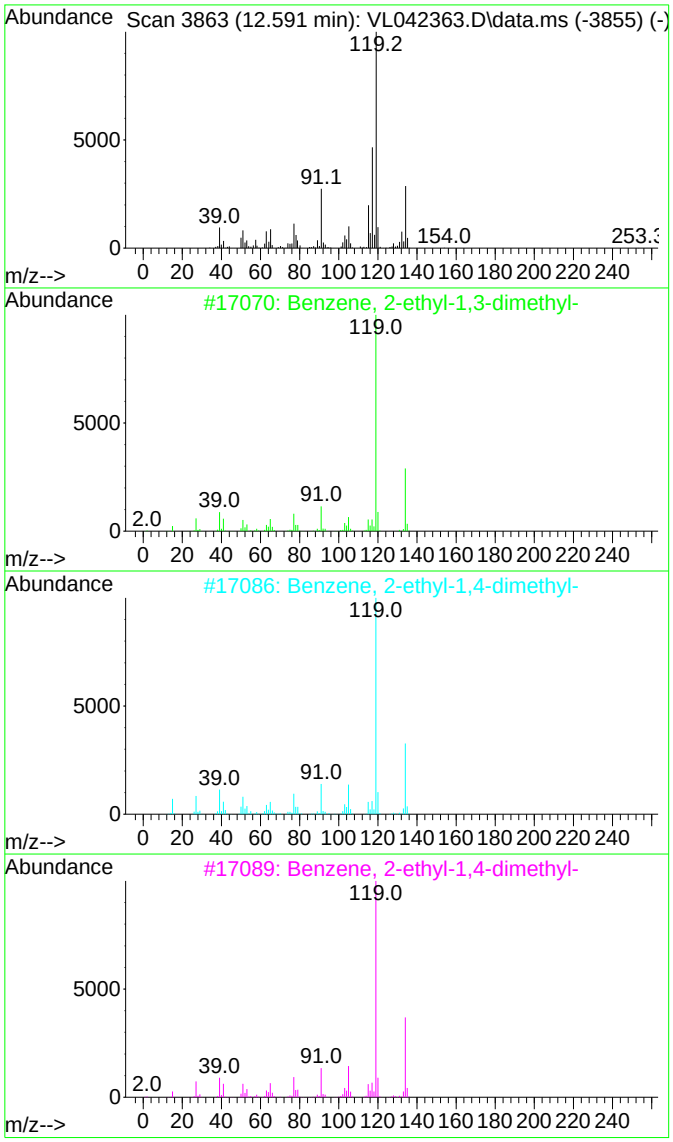
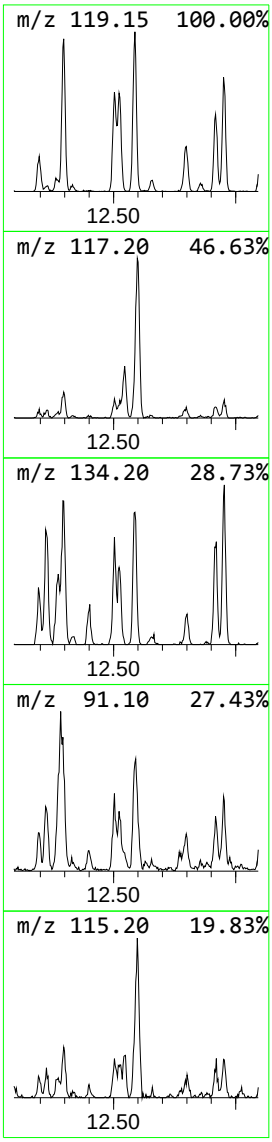
Peak Number 7 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.591	2.70 ppbv	313084	Chlorobenzene-d5	8.882

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	70
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	70
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	70
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
Data File : VL042363.D
Acq On : 17 Apr 2025 18:24
Operator : SY/MD
Sample : Q1668-03
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-B1-3-3252025

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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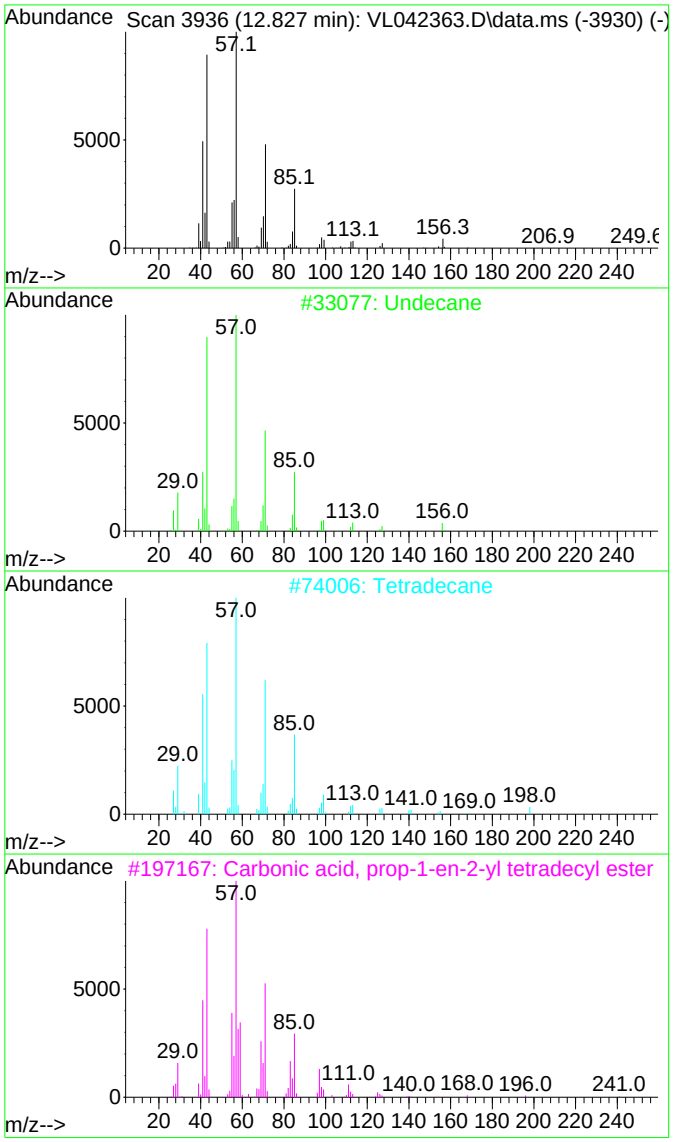
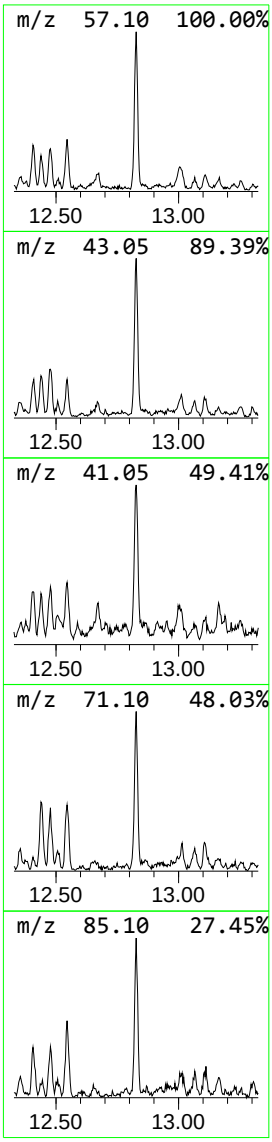
Peak Number 8 Undecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.827	2.26 ppbv	262228	Chlorobenzene-d5	8.882

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	94
2	Tetradecane	198	C14H30	000629-59-4	86
3	Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	78
4	Undecane	156	C11H24	001120-21-4	76
5	Undecane	156	C11H24	001120-21-4	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
Data File : VL042363.D
Acq On : 17 Apr 2025 18:24
Operator : SY/MD
Sample : Q1668-03
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-B1-3-3252025

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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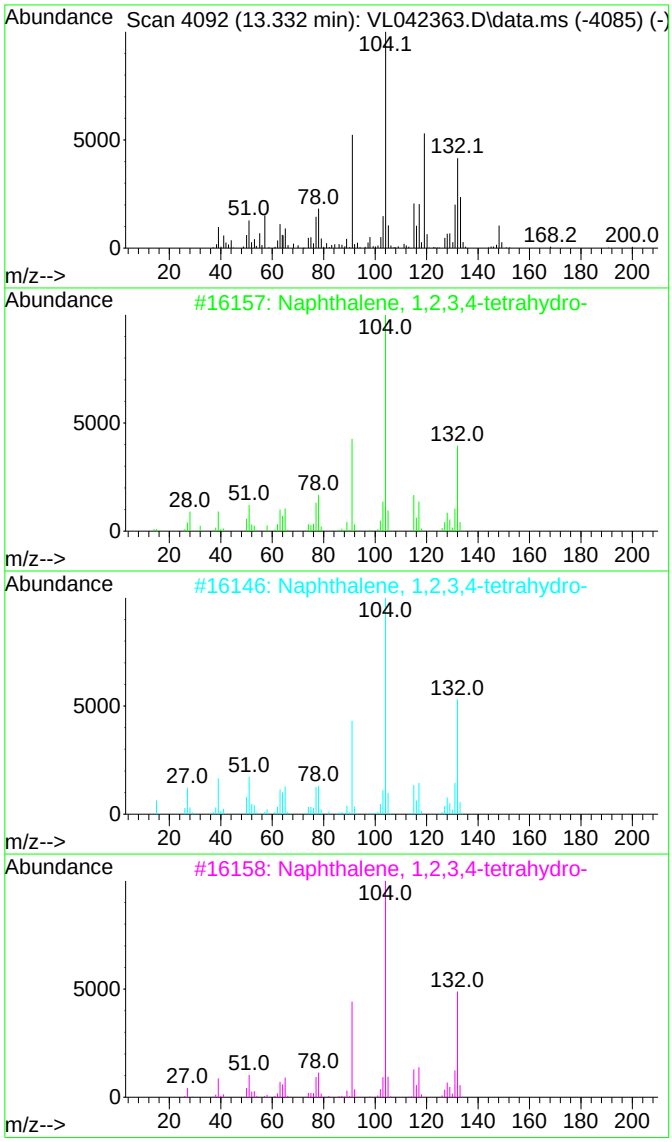
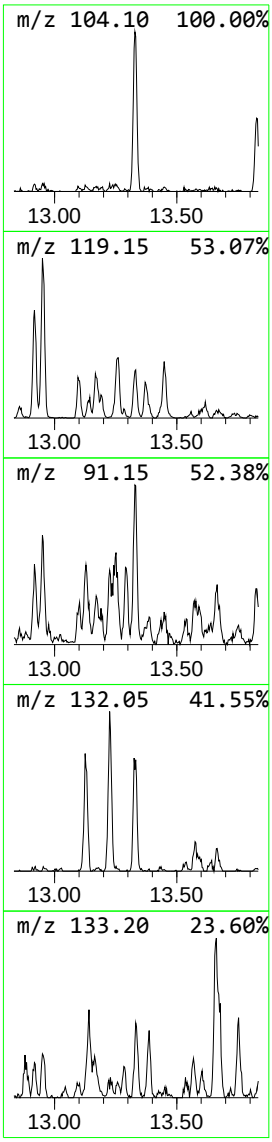
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.332	1.94 ppbv	224548	Chlorobenzene-d5	8.882

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	86
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	64
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	58
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	52
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
Data File : VL042363.D
Acq On : 17 Apr 2025 18:24
Operator : SY/MD
Sample : Q1668-03
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-B1-3-3252025

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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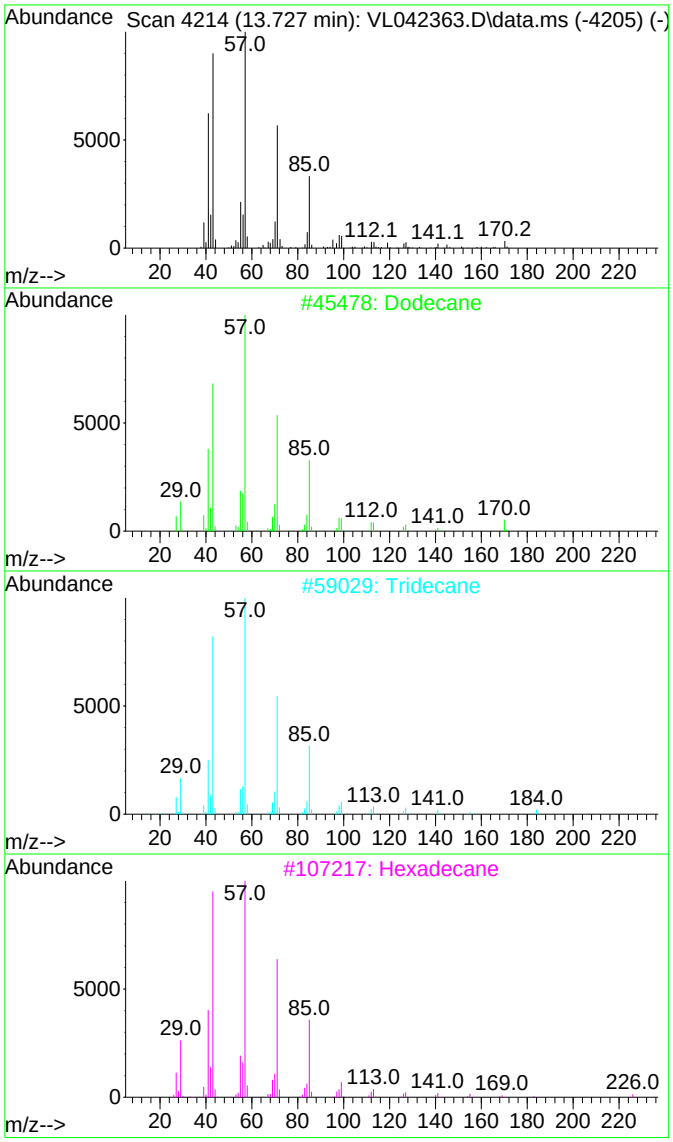
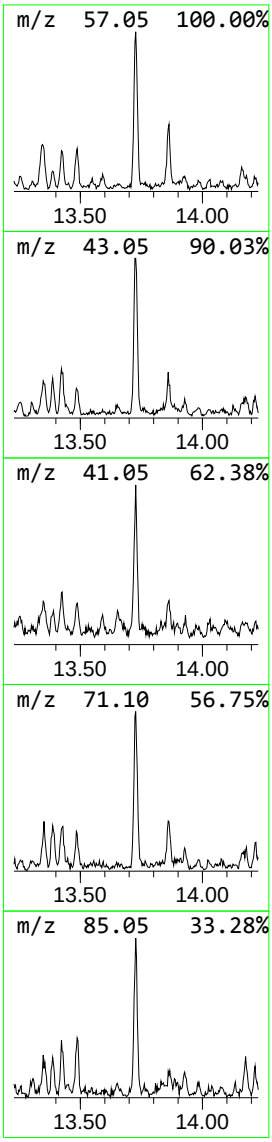
Peak Number 10 Dodecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.727	2.05 ppbv	237426	Chlorobenzene-d5	8.882

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	95
2	Tridecane	184	C13H28	000629-50-5	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Undecane	156	C11H24	001120-21-4	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
Data File : VL042363.D
Acq On : 17 Apr 2025 18:24
Operator : SY/MD
Sample : Q1668-03
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-B1-3-3252025

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, 2,4-di...	4.049	2.4	ppbv	222391	2	3.959	930875	10.0
Hexane, 3-methyl-	4.266	3.1	ppbv	288179	2	3.959	930875	10.0
Cyclohexanone	9.629	3.0	ppbv	345405	3	8.882	1157960	10.0
Octane, 2-methyl-	9.730	2.1	ppbv	247258	3	8.882	1157960	10.0
Decane	11.752	3.6	ppbv	416809	3	8.882	1157960	10.0
Benzene, 1-meth...	12.225	1.9	ppbv	224174	3	8.882	1157960	10.0
Benzene, 2-ethy...	12.591	2.7	ppbv	313084	3	8.882	1157960	10.0
Undecane	12.827	2.3	ppbv	262228	3	8.882	1157960	10.0
Naphthalene, 1,...	13.332	1.9	ppbv	224548	3	8.882	1157960	10.0
Dodecane	13.727	2.0	ppbv	237426	3	8.882	1157960	10.0