LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061124\
Data File : VV036039.D
Acq On : 11 Jun 2024 17:04
Operator : SY/MD
Sample : P2798-09
Misc : 6.42g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB60

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 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_V\Method\SFAMVLM053024SMA.M
Title : VOC Analysis

Signal : TIC: VV036039.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.082	8	13	26	rVB	113305	120025	6.28%	0.695%
2	1.272	64	72	86	rVB	306637	362313	18.95%	2.098%
3	1.529	144	152	164	rBV	225660	272180	14.23%	1.576%
4	2.053	305	315	336	rVB	465153	710803	37.17%	4.116%
5	2.442	425	436	457	rBV	113086	201106	10.52%	1.164%
6	2.654	499	502	503	rBV2	421	240	0.01%	0.001%
7	2.703	506	517	526	rVV7	4100	9284	0.49%	0.054%
8	2.764	532	536	537	rBV3	611	430	0.02%	0.002%
9	2.876	559	571	586	rBV10	3769	9880	0.52%	0.057%
10	2.963	586	598	618	rVV2	23670	48158	2.52%	0.279%
11	3.063	626	629	632	rBV3	568	482	0.03%	0.003%
12	3.182	662	666	667	rBV3	307	210	0.01%	0.001%
13	3.249	685	687	690	rVB4	446	263	0.01%	0.002%
14	3.275	690	695	696	rBV2	598	446	0.02%	0.003%
15	3.371	718	725	729	rBV5	858	1195	0.06%	0.007%
16	3.407	734	736	741	rVB3	720	499	0.03%	0.003%
17	3.439	741	746	747	rBV2	337	236	0.01%	0.001%
18	3.468	753	755	758	rBV	336	189	0.01%	0.001%
19	3.497	762	764	767	rBV3	355	213	0.01%	0.001%
20	3.558	782	783	787	rVB	460	214	0.01%	0.001%
21	3.606	794	798	801	rBV2	317	270	0.01%	0.002%
22	3.670	809	818	820	rBV2	1858	2063	0.11%	0.012%
23	3.815	849	863	912	rBV2	154957	511932	26.77%	2.964%
24	4.243	981	996	1032	rBV	305186	817912	42.77%	4.736%
25	4.638	1115	1119	1120	rBV4	426	266	0.01%	0.002%
26	4.712	1138	1142	1143	rBV3	657	439	0.02%	0.003%
27	4.786	1162	1165	1167	rBV2	267	187	0.01%	0.001%
28	4.815	1169	1174	1186	rVB7	1226	1883	0.10%	0.011%
29	4.889	1193	1197	1200	rBV3	361	266	0.01%	0.002%
30	4.953	1200	1217	1262	rBV2	734990	1912415	100.00%	11.073%
31	5.223	1299	1301	1305	rBV3	539	321	0.02%	0.002%
32	5.413	1351	1360	1361	rBV7	3392	4142	0.22%	0.024%
33	5.532	1385	1397	1428	rBV	577542	1223016	63.95%	7.081%
34	5.780	1472	1474	1475	rBV	645	308	0.02%	0.002%
35	5.828	1478	1489	1522	rVB4	49020	130834	6.84%	0.758%
36	5.985	1525	1538	1568	rBV	428281	909806	47.57%	5.268%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061124\
Data File : VV036039.D
Acq On : 11 Jun 2024 17:04
Operator : SY/MD
Sample : P2798-09
Misc : 6.42g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB60

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 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_V\Method\SFAMVLM053024SMA.M
Title : VOC Analysis

37	6.233	1607	1615	1643	rBV2	13528	37323	1.95%	0.216%
38	6.612	1731	1733	1737	rVB4	729	452	0.02%	0.003%
39	6.661	1746	1748	1752	rVB2	724	477	0.02%	0.003%
40	6.683	1752	1755	1757	rBV4	491	247	0.01%	0.001%
41	6.709	1761	1763	1766	rVB	381	258	0.01%	0.001%
42	6.738	1770	1772	1774	rVB2	599	259	0.01%	0.001%
43	6.754	1774	1777	1778	rBV2	470	277	0.01%	0.002%
44	6.780	1784	1785	1788	rVB2	481	197	0.01%	0.001%
45	6.799	1789	1791	1795	rVB3	432	255	0.01%	0.001%
46	6.821	1795	1798	1800	rBV3	474	324	0.02%	0.002%
47	6.837	1800	1803	1805	rBV2	435	331	0.02%	0.002%
48	6.911	1816	1826	1869	rBV	195748	394526	20.63%	2.284%
49	7.239	1917	1928	1950	rBV	809727	1433070	74.94%	8.298%
50	7.503	2001	2010	2017	rBV4	8040	12816	0.67%	0.074%
51	7.551	2017	2025	2054	rVV	126911	241248	12.61%	1.397%
52	7.902	2115	2134	2158	rBV2	171826	337288	17.64%	1.953%
53	8.030	2166	2174	2209	rBV	163244	383733	20.07%	2.222%
54	8.172	2209	2218	2260	rVV	403487	736758	38.53%	4.266%
55	8.651	2361	2367	2368	rBV4	700	698	0.04%	0.004%
56	8.718	2384	2388	2390	rBV3	809	735	0.04%	0.004%
57	8.783	2396	2408	2438	rBV	944453	1571139	82.15%	9.097%
58	9.005	2471	2477	2490	rVB	11487	17769	0.93%	0.103%
59	9.088	2496	2503	2514	rVB8	3506	6751	0.35%	0.039%
60	9.265	2555	2558	2562	rVB5	831	499	0.03%	0.003%
61	9.329	2572	2578	2580	rBV3	792	593	0.03%	0.003%
62	9.381	2592	2594	2596	rBV2	423	226	0.01%	0.001%
63	9.416	2603	2605	2608	rVB3	539	265	0.01%	0.002%
64	9.490	2617	2628	2635	rBV7	2885	5345	0.28%	0.031%
65	9.580	2653	2656	2657	rBV2	577	227	0.01%	0.001%
66	9.638	2672	2674	2678	rBV3	493	335	0.02%	0.002%
67	9.657	2678	2680	2682	rVB	562	211	0.01%	0.001%
68	9.677	2682	2686	2687	rBV3	874	647	0.03%	0.004%
69	9.747	2699	2708	2736	rBV3	67192	137301	7.18%	0.795%
70	10.095	2809	2816	2818	rBV4	1265	1455	0.08%	0.008%
71	10.149	2822	2833	2861	rVB	371499	607957	31.79%	3.520%
72	10.323	2877	2887	2900	rVB2	25995	43931	2.30%	0.254%
73	10.394	2907	2909	2913	rVB4	556	325	0.02%	0.002%
74	10.432	2918	2921	2924	rVB4	807	550	0.03%	0.003%
75	10.477	2924	2935	2941	rBV7	3343	6579	0.34%	0.038%
76	10.625	2975	2981	2985	rBV3	795	970	0.05%	0.006%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061124\
Data File : VV036039.D
Acq On : 11 Jun 2024 17:04
Operator : SY/MD
Sample : P2798-09
Misc : 6.42g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB60

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 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_V\Method\SFAMVLM053024SMA.M
Title : VOC Analysis

77	10.654	2988	2990	2991	rBV2	405	215	0.01%	0.001%
78	10.699	3002	3004	3008	rVB3	870	578	0.03%	0.003%
79	10.734	3008	3015	3016	rBV3	545	550	0.03%	0.003%
80	10.757	3020	3022	3024	rBV2	479	295	0.02%	0.002%
81	10.853	3047	3052	3064	rVB7	2523	3687	0.19%	0.021%
82	10.931	3074	3076	3078	rBV2	553	276	0.01%	0.002%
83	11.088	3115	3125	3144	rBV	225872	389204	20.35%	2.254%
84	11.181	3144	3154	3176	rVB	1050277	1631557	85.31%	9.447%
85	11.487	3240	3249	3260	rBV3	31829	63269	3.31%	0.366%
86	11.558	3261	3271	3298	rVB	871112	1352083	70.70%	7.829%
87	12.194	3458	3469	3480	rVB2	26365	43174	2.26%	0.250%
88	12.284	3487	3497	3522	rBV	209405	356946	18.66%	2.067%
89	12.586	3587	3591	3595	rBV4	2308	2252	0.12%	0.013%
90	12.828	3659	3666	3675	rVB5	7089	10222	0.53%	0.059%
91	13.024	3725	3727	3733	rVB4	899	726	0.04%	0.004%
92	13.066	3736	3740	3741	rBV3	600	455	0.02%	0.003%
93	13.377	3827	3837	3852	rBV4	33680	62089	3.25%	0.360%
94	13.448	3856	3859	3875	rVB9	3881	7145	0.37%	0.041%
95	13.683	3928	3932	3945	rVB9	6088	9604	0.50%	0.056%
96	13.840	3975	3981	3988	rVB3	6883	8072	0.42%	0.047%
97	13.940	4009	4012	4015	rBV3	1478	1278	0.07%	0.007%
98	13.982	4015	4025	4038	rVV	28247	46731	2.44%	0.271%
99	14.130	4064	4071	4079	rBV6	9769	16234	0.85%	0.094%
100	15.580	4515	4522	4536	rVB3	14195	25508	1.33%	0.148%

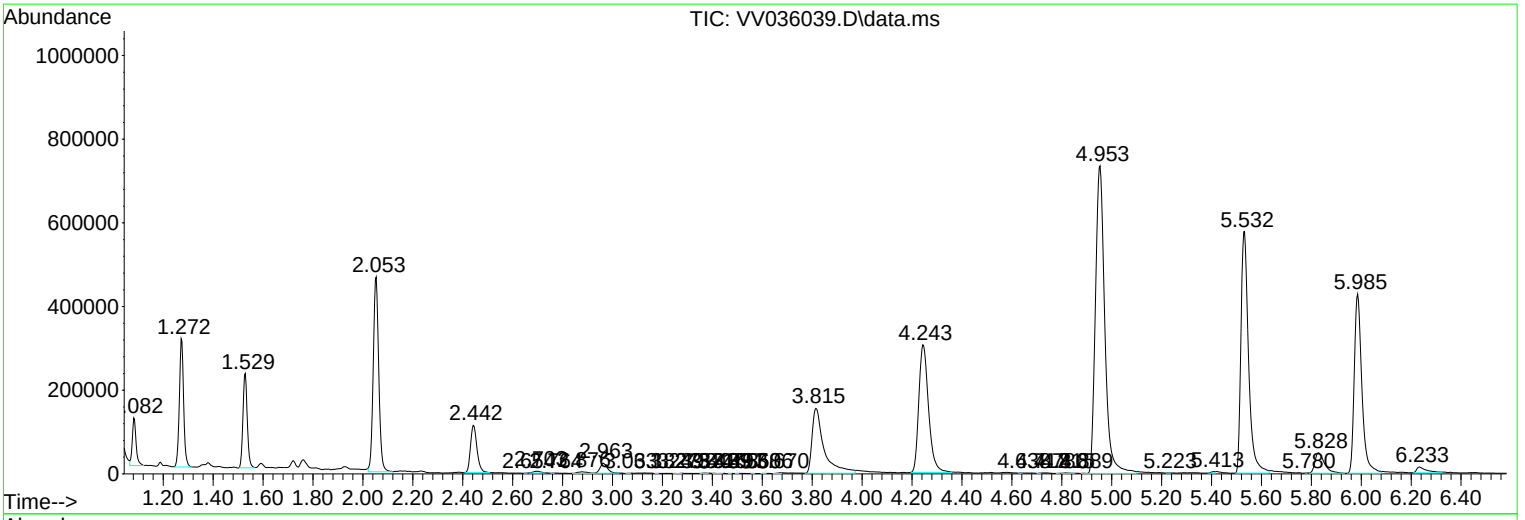
Sum of corrected areas: 17270923

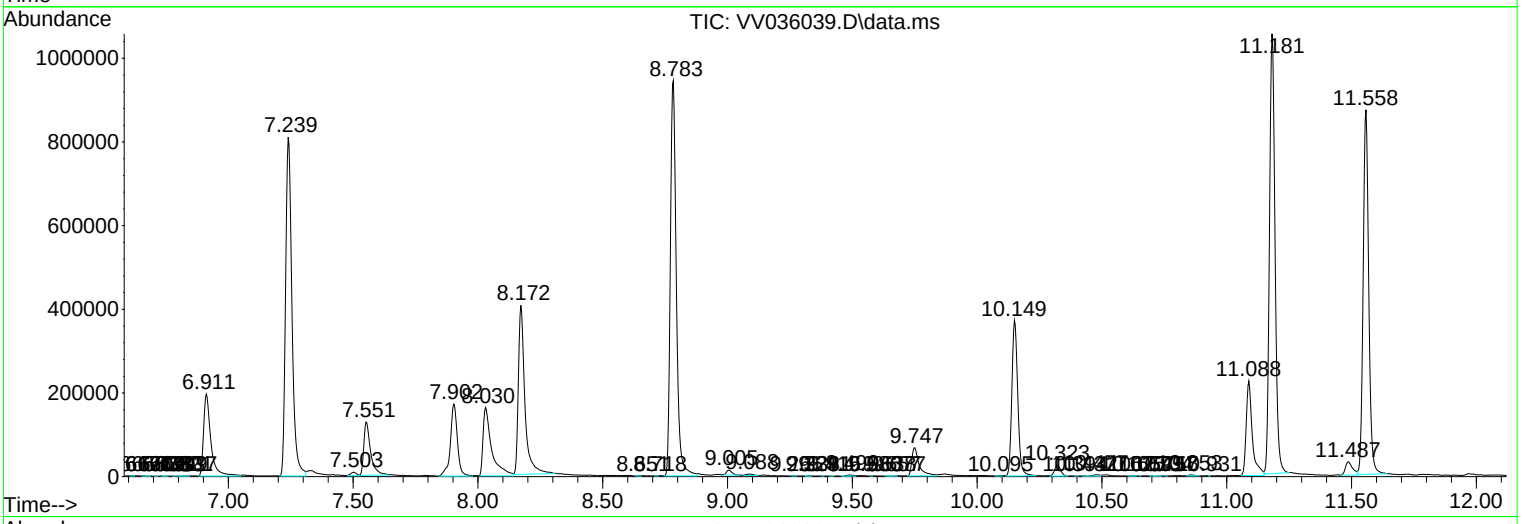
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061124\
Data File : VV036039.D
Acq On : 11 Jun 2024 17:04
Operator : SY/MD
Sample : P2798-09
Misc : 6.42g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

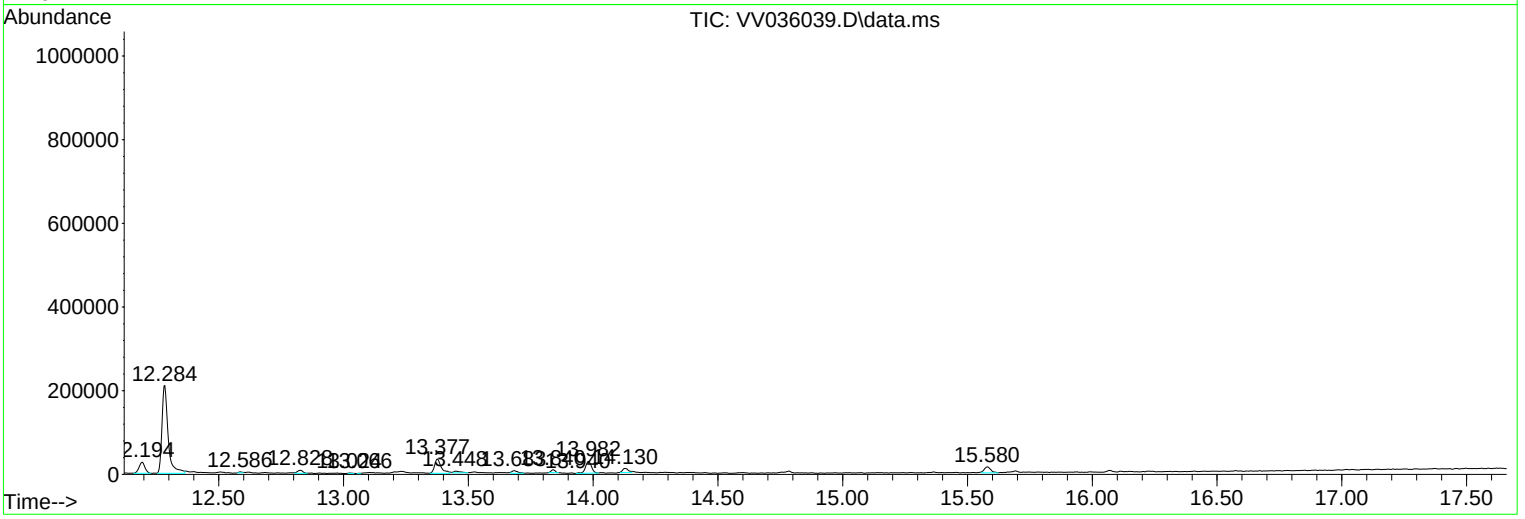
Instrument :
MSVOA_V
ClientSampleId :
BHB60

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061124\
Data File : VV036039.D
Acq On : 11 Jun 2024 17:04
Operator : SY/MD
Sample : P2798-09
Misc : 6.42g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB60

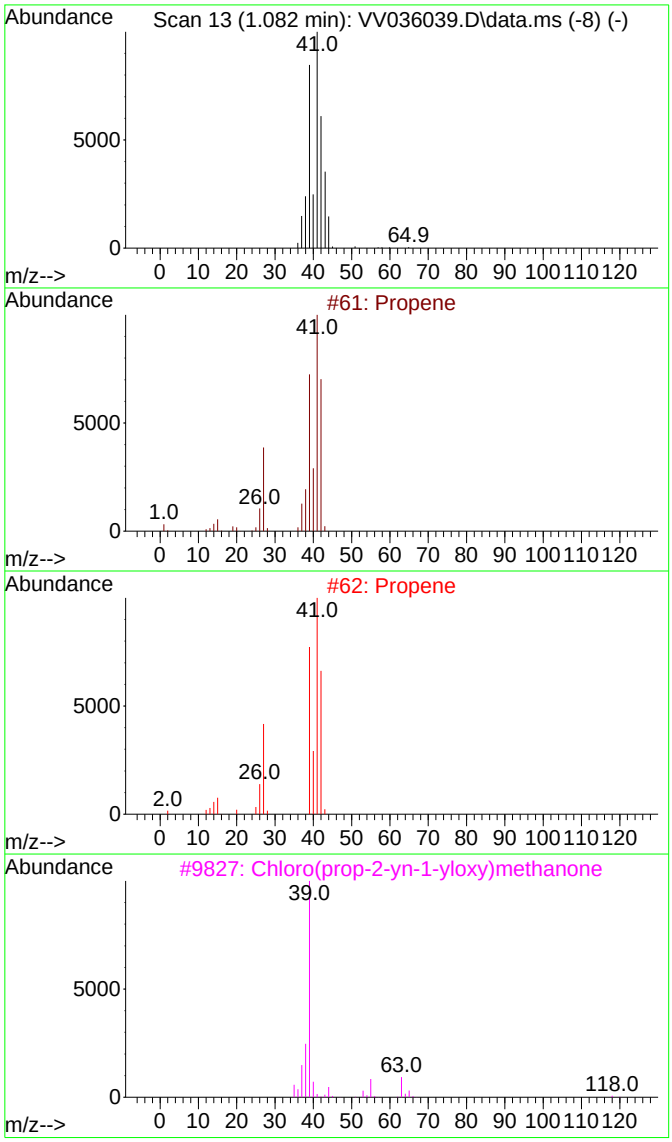
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

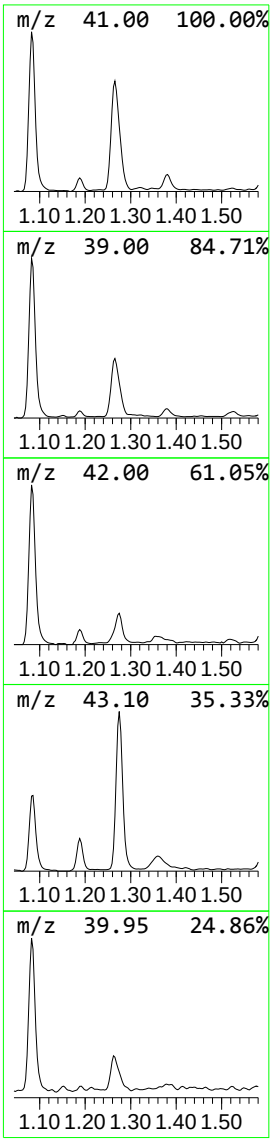
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.082	2.45 ug/L	120025	1,4-Difluorobenzene	5.532

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Propene	42	C3H6	000115-07-1	42
3	Chloro(prop-2-yn-1-yloxy)methanone	118	C4H3ClO2	035718-08-2	9
4	Cyclopropene	40	C3H4	002781-85-3	9
5	Cyclopropane	42	C3H6	000075-19-4	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061124\
Data File : VV036039.D
Acq On : 11 Jun 2024 17:04
Operator : SY/MD
Sample : P2798-09
Misc : 6.42g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB60

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

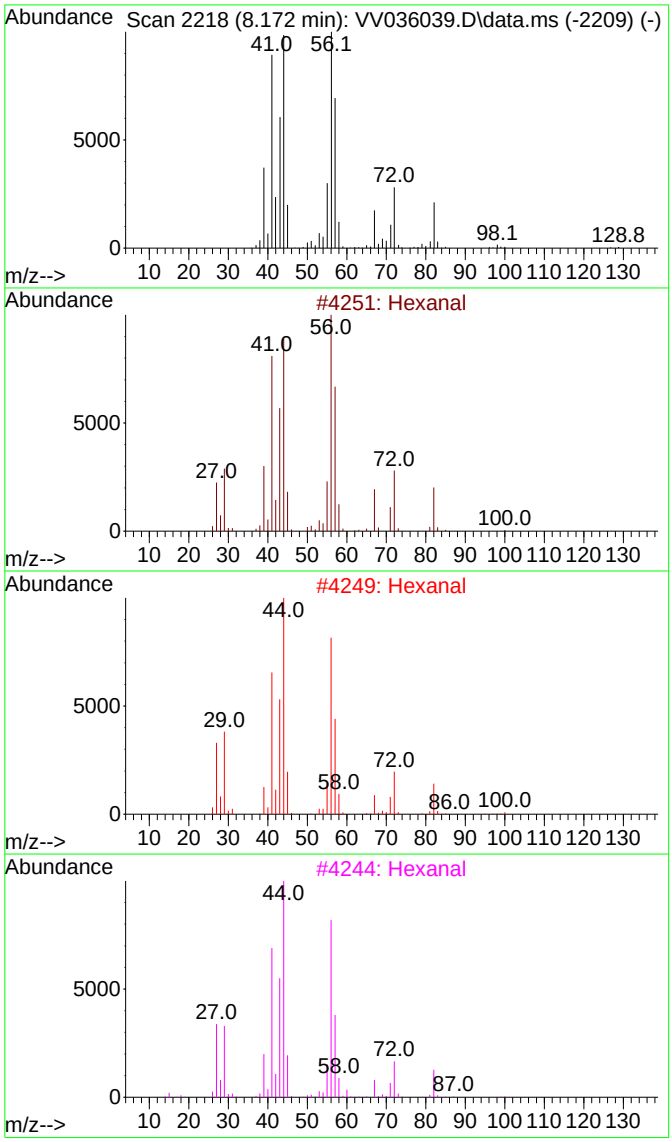
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

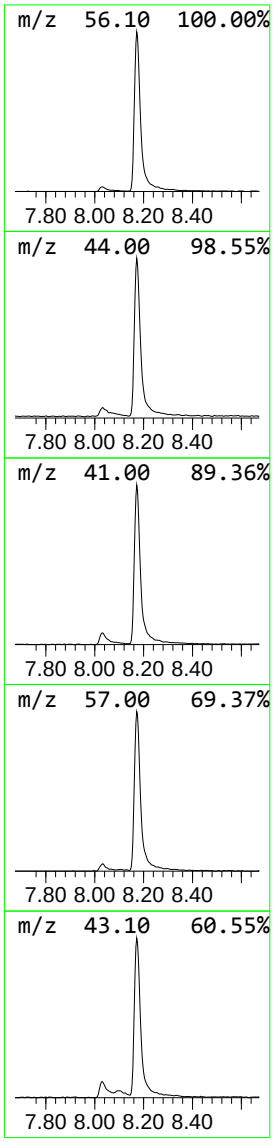
****

Peak Number 3 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.172	11.72 ug/L	736758	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	95
2	Hexanal	100	C6H12O	000066-25-1	91
3	Hexanal	100	C6H12O	000066-25-1	91
4	Hexanal	100	C6H12O	000066-25-1	86
5	Hexanal	100	C6H12O	000066-25-1	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061124\
Data File : VV036039.D
Acq On : 11 Jun 2024 17:04
Operator : SY/MD
Sample : P2798-09
Misc : 6.42g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB60

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

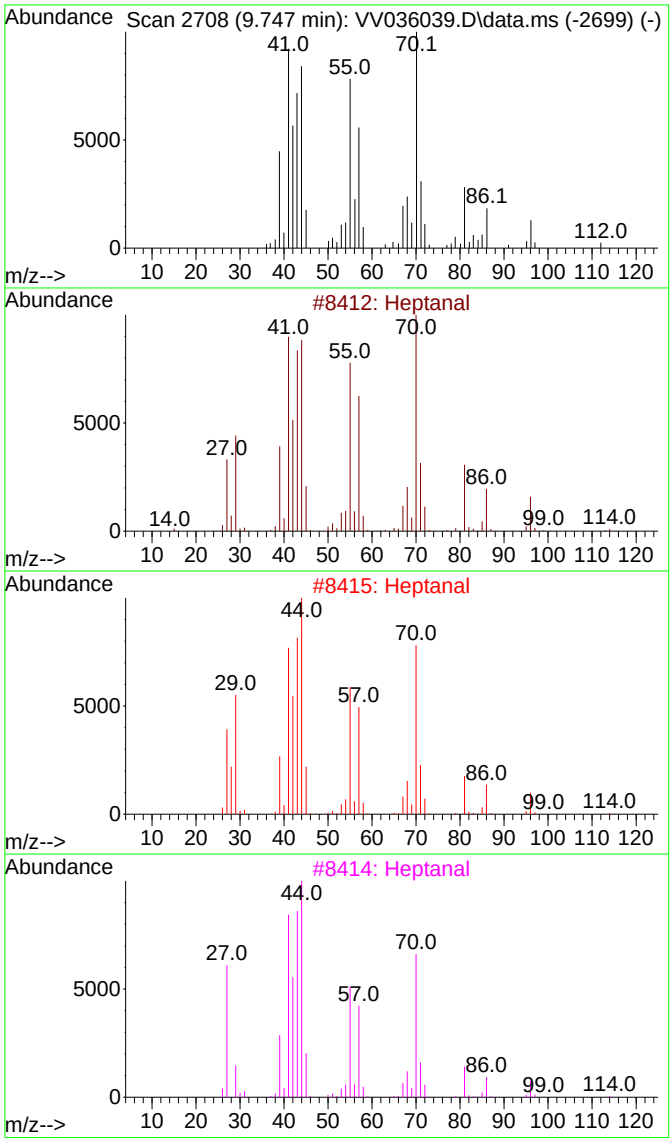
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

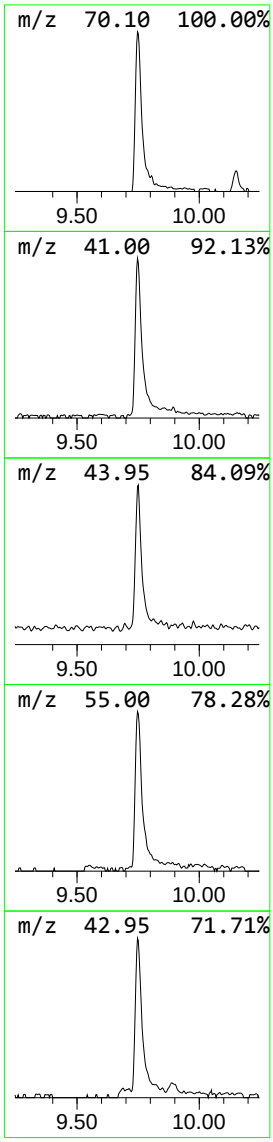
****

Peak Number 4 Heptanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.747	2.18 ug/L	137301	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal	114	C7H14O	000111-71-7	87
2	Heptanal	114	C7H14O	000111-71-7	80
3	Heptanal	114	C7H14O	000111-71-7	72
4	Heptanal	114	C7H14O	000111-71-7	72
5	Heptanal	114	C7H14O	000111-71-7	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061124\
Data File : VV036039.D
Acq On : 11 Jun 2024 17:04
Operator : SY/MD
Sample : P2798-09
Misc : 6.42g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB60

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

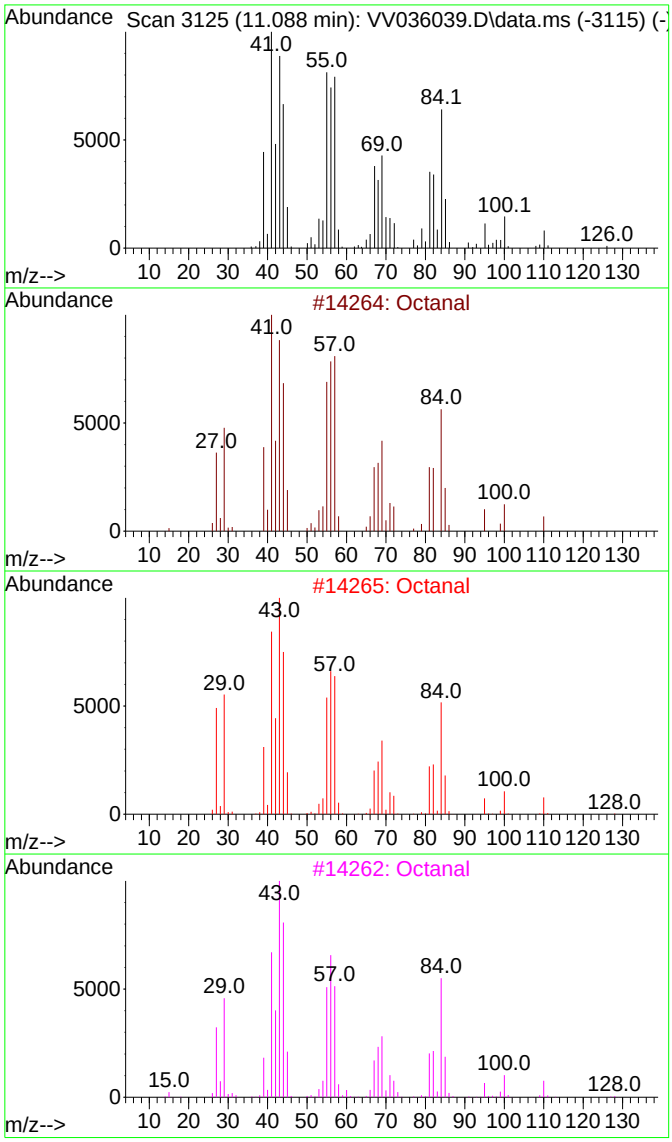
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

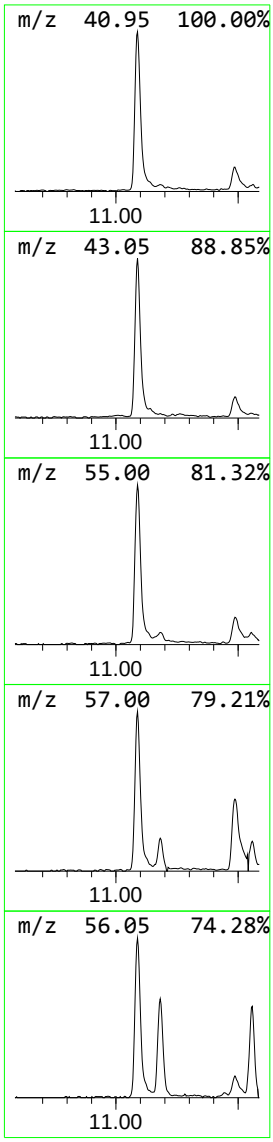
****

Peak Number 5 Octanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.088	5.96 ug/L	389204	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal	128	C8H16O	000124-13-0	91
2	Octanal	128	C8H16O	000124-13-0	90
3	Octanal	128	C8H16O	000124-13-0	90
4	Octanal	128	C8H16O	000124-13-0	87
5	3-Chlorohexane	120	C6H13Cl	002346-81-8	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061124\
Data File : VV036039.D
Acq On : 11 Jun 2024 17:04
Operator : SY/MD
Sample : P2798-09
Misc : 6.42g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB60

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

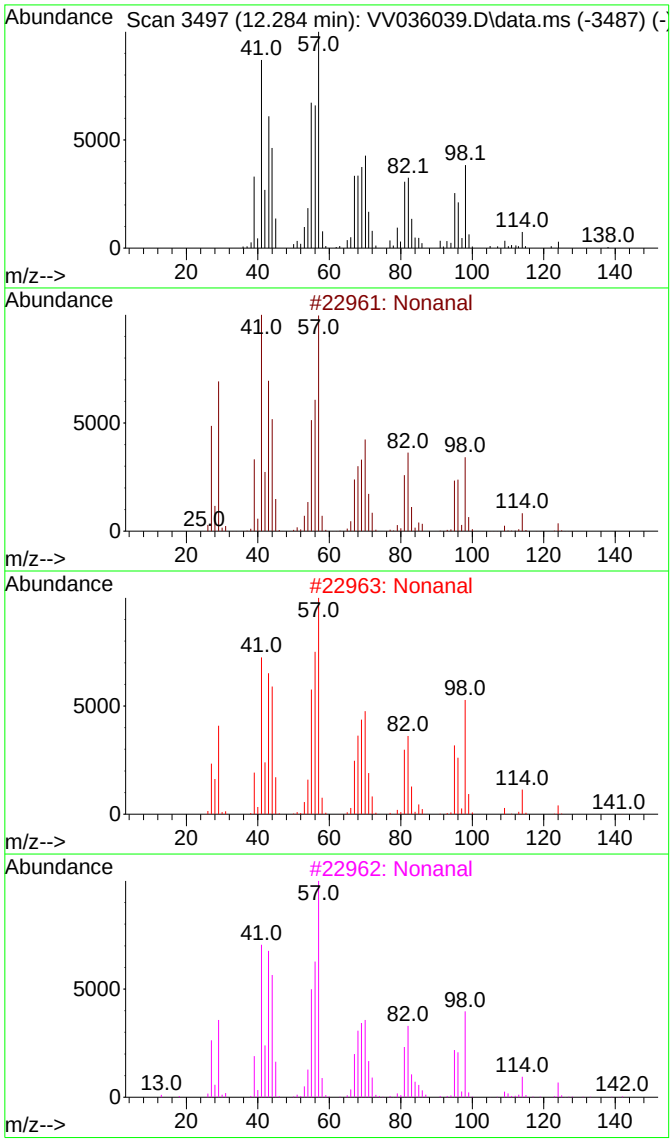
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

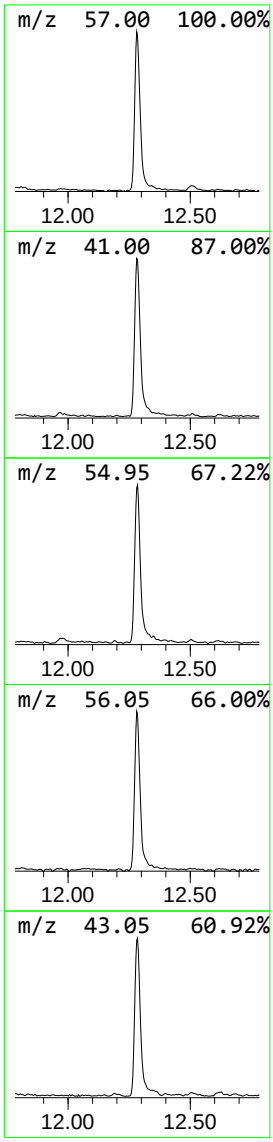
****

Peak Number 6 Nonanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.284	5.47 ug/L	356946	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	91
2	Nonanal	142	C9H18O	000124-19-6	90
3	Nonanal	142	C9H18O	000124-19-6	80
4	2-Nonen-1-ol, (E)-	142	C9H18O	031502-14-4	35
5	Heptane, 2-chloro-	134	C7H15Cl	001001-89-4	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061124\
Data File : VV036039.D
Acq On : 11 Jun 2024 17:04
Operator : SY/MD
Sample : P2798-09
Misc : 6.42g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB60

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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...	1.082	2.5	ug/L	120025	1	5.532	1223020	25.0
Hexanal	8.172	11.7	ug/L	736758	2	8.783	1571140	25.0
Heptanal	9.747	2.2	ug/L	137301	2	8.783	1571140	25.0
Octanal	11.088	6.0	ug/L	389204	3	11.181	1631560	25.0
Nonanal	12.284	5.5	ug/L	356946	3	11.181	1631560	25.0