LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW081120\
Data File : VW016133.D
Acq On : 11 Aug 2020 14:01
Operator : SY/VA
Sample : L3598-13
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAY69

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_W\METHOD\SOM2WLM081020S.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.965	7	10	37	rVB	108435	299817	17.46%	1.956%
2	2.172	37	44	67	rBV2	98572	238186	13.87%	1.554%
3	2.355	67	74	94	rVB	152739	368126	21.44%	2.402%
4	2.885	155	161	175	rBV	59696	148978	8.67%	0.972%
5	3.026	176	184	200	rVV	135383	331674	19.31%	2.164%
6	3.379	235	242	256	rVB	56913	142486	8.30%	0.930%
7	4.013	331	346	362	rBV	156975	532664	31.02%	3.476%
8	4.202	370	377	388	rVB3	11920	35009	2.04%	0.228%
9	4.946	479	499	516	rBV5	51859	230164	13.40%	1.502%
10	5.428	566	578	594	rBV3	25813	91159	5.31%	0.595%
11	5.793	630	638	640	rBV5	1066	2435	0.14%	0.016%
12	5.934	650	661	677	rVB2	33853	100700	5.86%	0.657%
13	6.708	782	788	790	rBV3	804	1136	0.07%	0.007%
14	6.873	803	815	824	rBV6	4215	16335	0.95%	0.107%
15	6.988	824	834	842	rBV6	18456	60407	3.52%	0.394%
16	7.086	842	850	860	rBV2	48557	132612	7.72%	0.865%
17	7.257	873	878	888	rVB3	3566	9697	0.56%	0.063%
18	7.647	932	942	956	rBV	249926	613096	35.70%	4.000%
19	7.927	977	988	999	rBV3	50253	150736	8.78%	0.984%
20	8.031	999	1005	1016	rVB3	8389	21340	1.24%	0.139%
21	8.159	1016	1026	1035	rBV	37406	87329	5.08%	0.570%
22	8.275	1035	1045	1063	rBV3	495649	1717405	100.00%	11.206%
23	8.433	1063	1071	1077	rBV6	10806	26716	1.56%	0.174%
24	8.512	1078	1084	1087	rBV5	7925	15883	0.92%	0.104%
25	8.695	1106	1114	1124	rVB	29556	59790	3.48%	0.390%
26	8.842	1128	1138	1149	rBV	509741	1014382	59.06%	6.619%
27	9.061	1170	1174	1175	rBV2	1000	1178	0.07%	0.008%
28	9.110	1176	1182	1193	rVB7	4892	12173	0.71%	0.079%
29	9.275	1200	1209	1215	rBV	331584	681761	39.70%	4.448%
30	9.336	1215	1219	1224	rVV2	65300	132863	7.74%	0.867%
31	9.384	1225	1227	1238	rVV2	17024	26518	1.54%	0.173%
32	9.518	1241	1249	1256	rVV2	12366	25136	1.46%	0.164%
33	9.610	1256	1264	1271	rVV2	17614	36363	2.12%	0.237%
34	9.671	1271	1274	1277	rVV4	1091	1830	0.11%	0.012%

LSC Area Percent Report

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Acq On : 11 Aug 2020 14:01
Operator : SY/VA
Sample : L3598-13
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAY69

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_W\METHOD\SOM2WLM081020S.M
Title : VOC Analysis

35	9.750	1280	1287	1294	rVB4	15213	29784	1.73%	0.194%
36	9.902	1306	1312	1316	rBV2	6773	12494	0.73%	0.082%
37	9.957	1316	1321	1328	rBV2	32638	65115	3.79%	0.425%
38	10.037	1328	1334	1340	rBV	191032	324776	18.91%	2.119%
39	10.098	1340	1344	1358	rVB3	32308	77546	4.52%	0.506%
40	10.244	1358	1368	1373	rVB6	2970	6704	0.39%	0.044%
41	10.323	1373	1381	1387	rBV	740289	1330559	77.47%	8.682%
42	10.390	1387	1392	1398	rVB	235802	408030	23.76%	2.662%
43	10.445	1398	1401	1404	rBV3	10909	14026	0.82%	0.092%
44	10.506	1405	1411	1417	rVB5	38681	81407	4.74%	0.531%
45	10.579	1417	1423	1428	rBV	128046	224585	13.08%	1.465%
46	10.671	1434	1438	1442	rVB4	10779	16014	0.93%	0.104%
47	10.768	1448	1454	1460	rVB3	10250	19179	1.12%	0.125%
48	10.847	1462	1467	1473	rVB2	7809	13501	0.79%	0.088%
49	10.927	1473	1480	1489	rBV	225807	373568	21.75%	2.437%
50	11.036	1494	1498	1506	rVV2	14132	30131	1.75%	0.197%
51	11.110	1506	1510	1514	rVV4	8451	14348	0.84%	0.094%
52	11.177	1518	1521	1526	rVV2	18692	32319	1.88%	0.211%
53	11.232	1526	1530	1537	rVB5	11794	31134	1.81%	0.203%
54	11.335	1542	1547	1551	rBV4	12483	20668	1.20%	0.135%
55	11.421	1551	1561	1571	rVB4	26434	84489	4.92%	0.551%
56	11.512	1571	1576	1581	rBV2	16886	31689	1.85%	0.207%
57	11.634	1589	1596	1606	rVB	736440	1197673	69.74%	7.815%
58	11.731	1606	1612	1620	rBV	175825	298611	17.39%	1.948%
59	11.841	1620	1630	1639	rVV3	51207	147822	8.61%	0.965%
60	11.920	1639	1643	1648	rVB2	18017	30147	1.76%	0.197%
61	11.975	1648	1652	1659	rVB2	15781	26266	1.53%	0.171%
62	12.061	1663	1666	1671	rVB4	2434	3554	0.21%	0.023%
63	12.146	1672	1680	1681	rBV3	13966	26746	1.56%	0.175%
64	12.164	1681	1683	1691	rVB	15771	24653	1.44%	0.161%
65	12.292	1701	1704	1707	rBV3	4091	6368	0.37%	0.042%
66	12.335	1707	1711	1715	rBV4	9413	17973	1.05%	0.117%
67	12.463	1728	1732	1737	rBV2	16560	27550	1.60%	0.180%
68	12.567	1746	1749	1752	rVB3	5736	6322	0.37%	0.041%
69	12.609	1754	1756	1760	rVB3	4734	5042	0.29%	0.033%
70	12.695	1761	1770	1782	rVB2	302097	507210	29.53%	3.309%
71	12.804	1782	1788	1793	rBV	30912	50449	2.94%	0.329%

LSC Area Percent Report

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Operator : SY/VA
Sample : L3598-13
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAY69

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_W\METHOD\SOM2WLM081020S.M
Title : VOC Analysis

72	12.865	1793	1798	1801	rVV3	18306	30942	1.80%	0.202%
73	12.908	1801	1805	1806	rVV2	12446	20412	1.19%	0.133%
74	12.945	1807	1811	1816	rVV4	26395	49362	2.87%	0.322%
75	12.993	1817	1819	1823	rVB3	10447	11460	0.67%	0.075%
76	13.042	1823	1827	1828	rBV4	3699	4213	0.25%	0.027%
77	13.170	1846	1848	1854	rVB6	2738	3296	0.19%	0.022%
78	13.256	1856	1862	1867	rBV	21139	35731	2.08%	0.233%
79	13.451	1888	1894	1898	rBV8	9160	17915	1.04%	0.117%
80	13.560	1905	1912	1920	rBV	673649	1043433	60.76%	6.808%
81	13.652	1922	1927	1935	rVB	25570	43169	2.51%	0.282%
82	13.798	1947	1951	1952	rBV3	5601	7346	0.43%	0.048%
83	13.853	1952	1960	1969	rVB	566418	966570	56.28%	6.307%
84	14.213	2013	2019	2023	rVB8	5173	9798	0.57%	0.064%
85	14.261	2023	2027	2033	rVB8	3130	6401	0.37%	0.042%
86	14.329	2033	2038	2044	rBV9	6497	14337	0.83%	0.094%
87	14.389	2044	2048	2051	rBV6	4503	7469	0.43%	0.049%
88	14.499	2063	2066	2068	rBV3	3340	4616	0.27%	0.030%
89	14.719	2097	2102	2109	rVB6	5614	11378	0.66%	0.074%
90	14.798	2111	2115	2122	rVB7	4894	9590	0.56%	0.063%
91	14.859	2123	2125	2130	rVV6	1638	1701	0.10%	0.011%
92	14.963	2137	2142	2147	rBV5	6240	12250	0.71%	0.080%
93	15.072	2154	2160	2165	rBV9	2435	5964	0.35%	0.039%
94	15.170	2173	2176	2177	rBV2	2955	3333	0.19%	0.022%
95	15.365	2206	2208	2213	rVB3	2588	3346	0.19%	0.022%
96	15.566	2237	2241	2251	rVB10	1853	4982	0.29%	0.033%
97	15.810	2275	2281	2285	rBV8	2386	4886	0.28%	0.032%
98	15.859	2287	2289	2297	rVB9	1996	4042	0.24%	0.026%
99	16.036	2313	2318	2319	rBV4	776	1134	0.07%	0.007%
100	16.176	2339	2341	2347	rVB6	1751	2591	0.15%	0.017%

Sum of corrected areas: 15326203

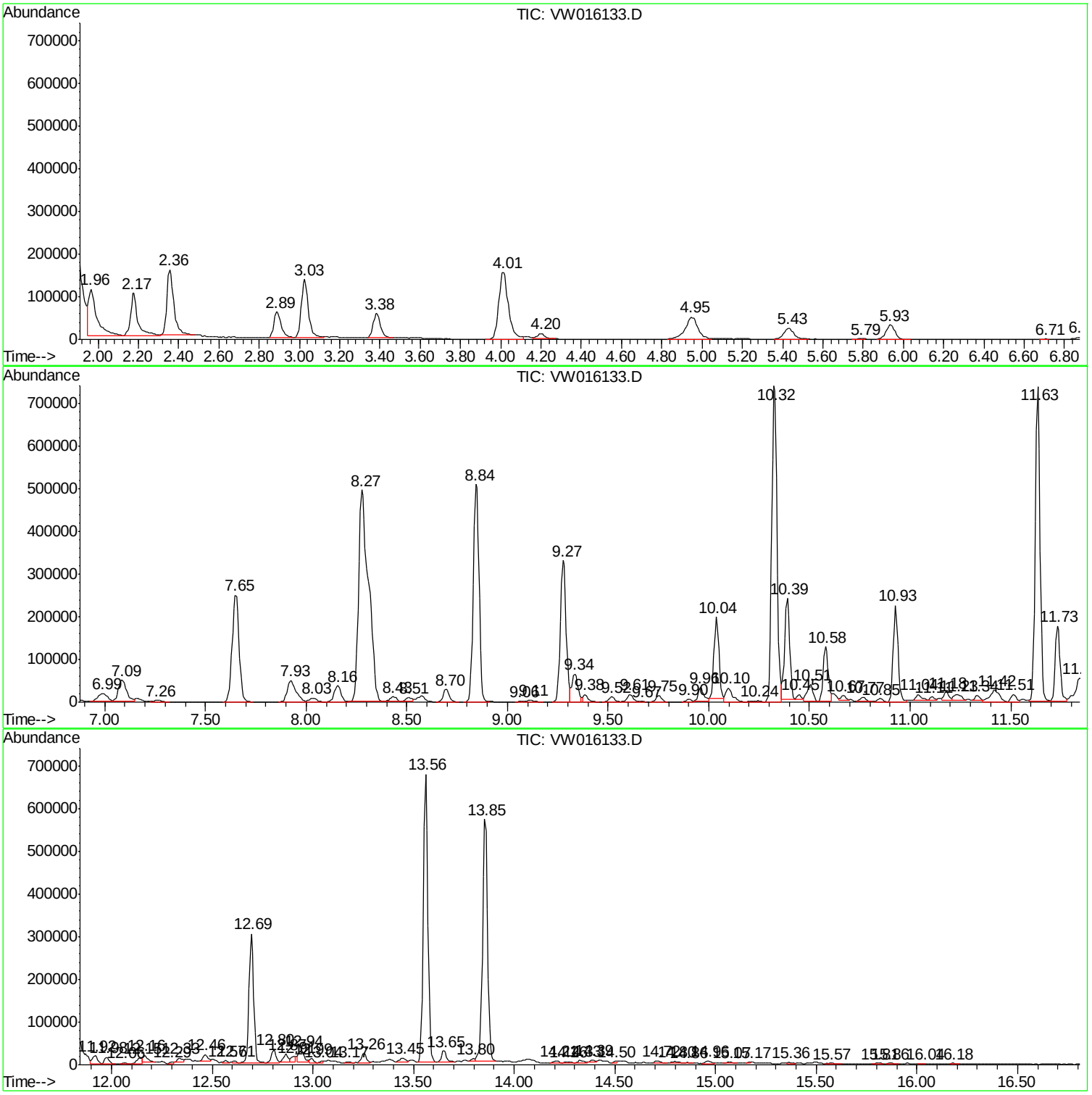
LSC Report - Integrated Chromatogram

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW081120\
Data File : VW016133.D
Acq On : 11 Aug 2020 14:01
Operator : SY/VA
Sample : L3598-13
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAY69

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW081120\
Data File : VW016133.D
Acq On : 11 Aug 2020 14:01
Operator : SY/VA
Sample : L3598-13
Misc : 6.23G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAY69

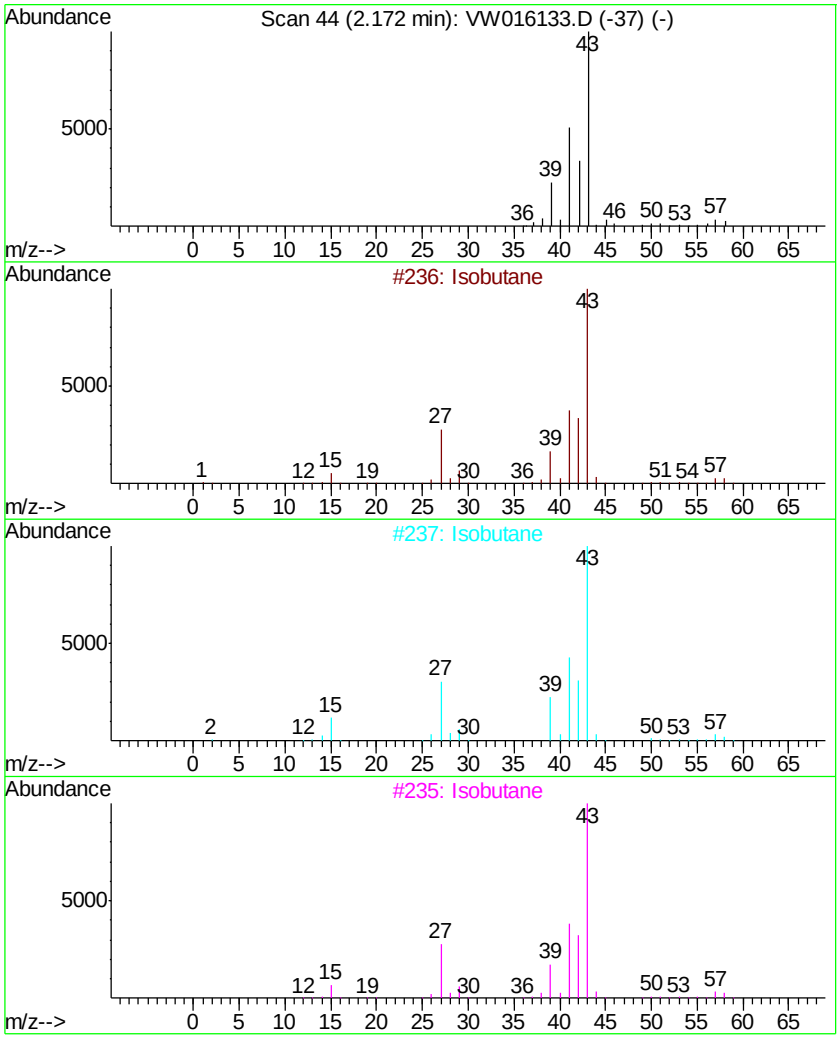
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
Quant Title : VOC Analysis

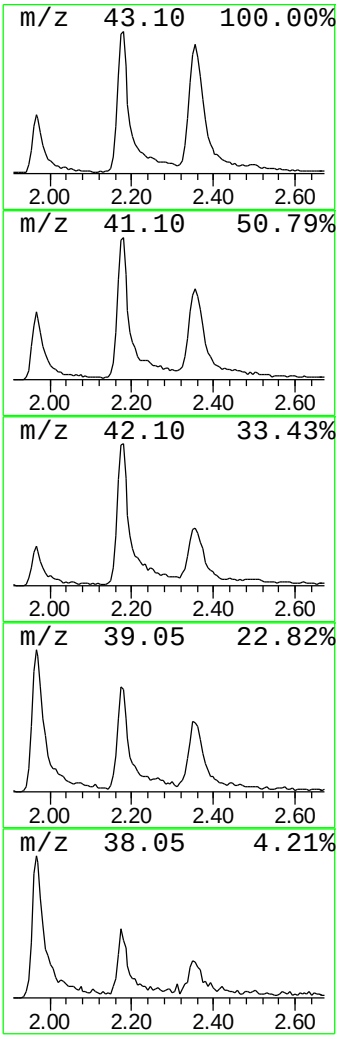
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	5.87 ug/L	238186	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	64
2	Isobutane	58	C4H10	000075-28-5	59
3	Isobutane	58	C4H10	000075-28-5	59
4	Isobutane	58	C4H10	000075-28-5	42
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	9





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW081120\
Data File : VW016133.D
Acq On : 11 Aug 2020 14:01
Operator : SY/VA
Sample : L3598-13
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAY69

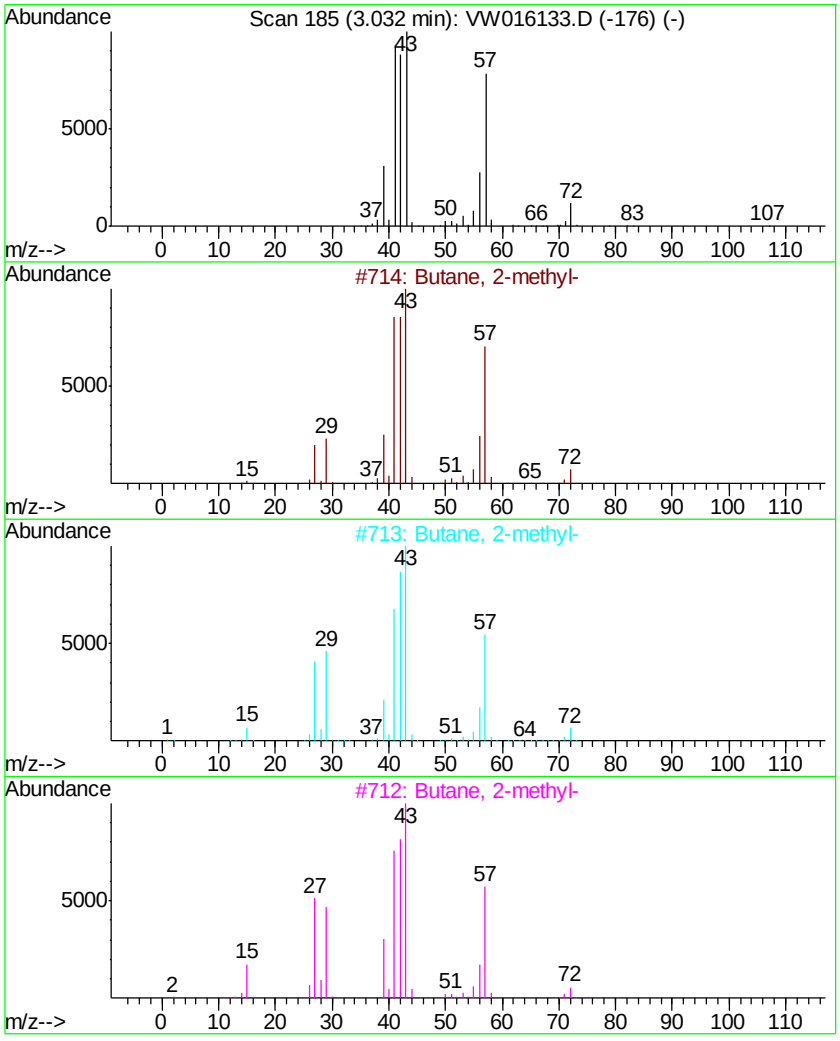
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
Quant Title : VOC Analysis

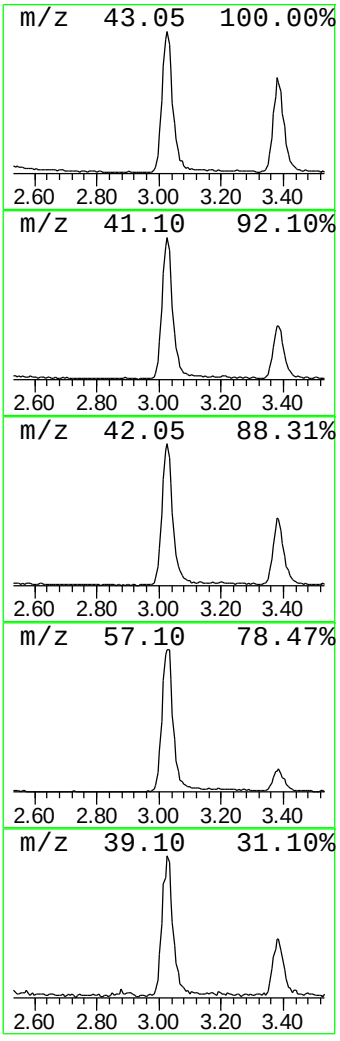
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.03	8.17 ug/L	331674	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	94
2	Butane, 2-methyl-	72	C5H12	000078-78-4	91
3	Butane, 2-methyl-	72	C5H12	000078-78-4	80
4	Cyclobutane, methyl-	70	C5H10	000598-61-8	43
5	3-Buten-1-ol	72	C4H8O	000627-27-0	38





Library Search Compound Report

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Acq On : 11 Aug 2020 14:01
Operator : SY/VA
Sample : L3598-13
Misc : 6.23G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAY69

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
Quant Title : VOC Analysis

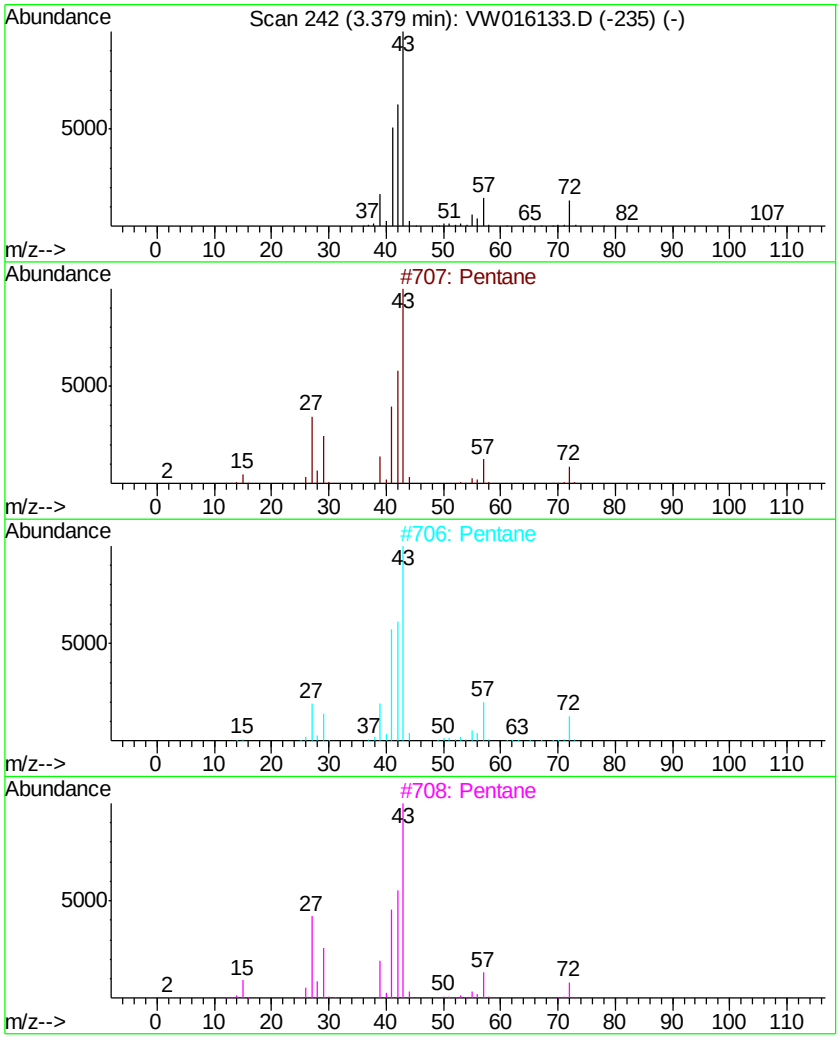
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

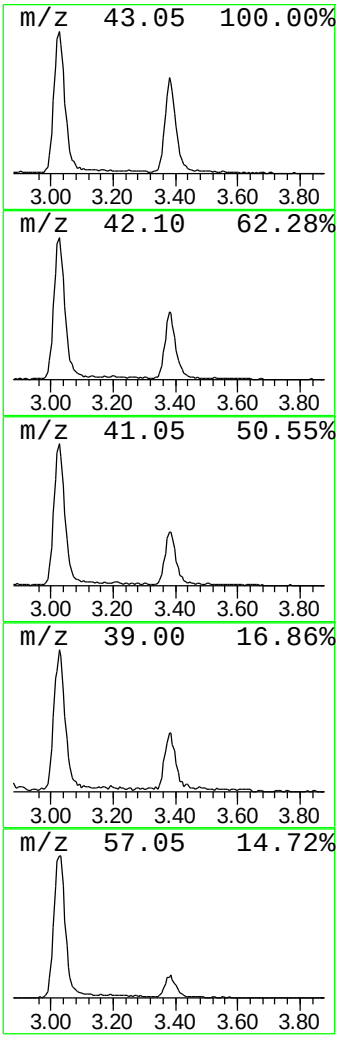
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.38	3.51 ug/L	142486	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	86
2	Pentane	72	C5H12	000109-66-0	80
3	Pentane	72	C5H12	000109-66-0	80
4	Pentane	72	C5H12	000109-66-0	64
5	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	39





Library Search Compound Report

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Data File : VW016133.D
Acq On : 11 Aug 2020 14:01
Operator : SY/VA
Sample : L3598-13
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAY69

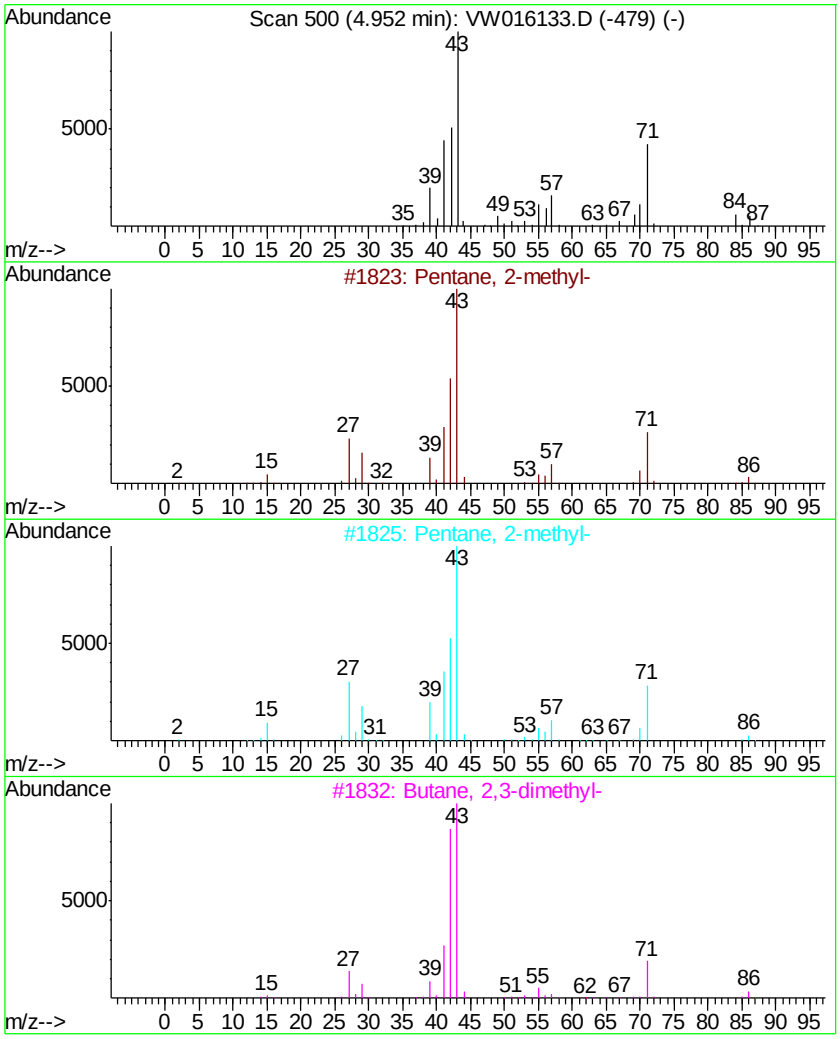
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
Quant Title : VOC Analysis

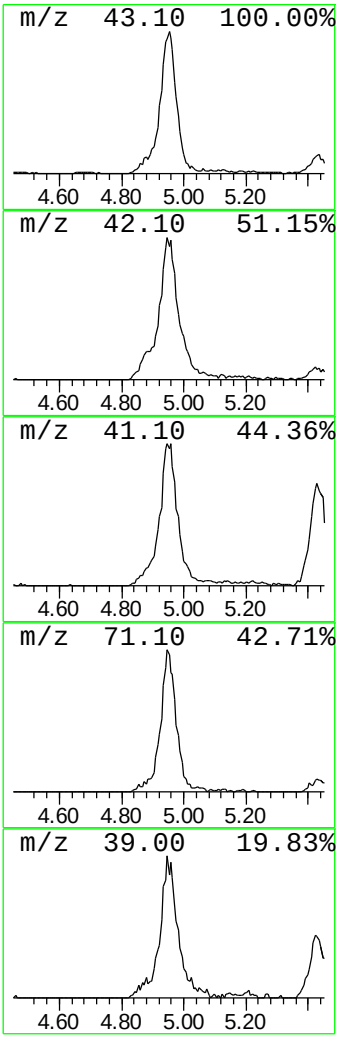
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	5.67 ug/L	230164	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	83
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	83
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	53
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	53
5	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	47





Library Search Compound Report

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Acq On : 11 Aug 2020 14:01
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Sample : L3598-13
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAY69

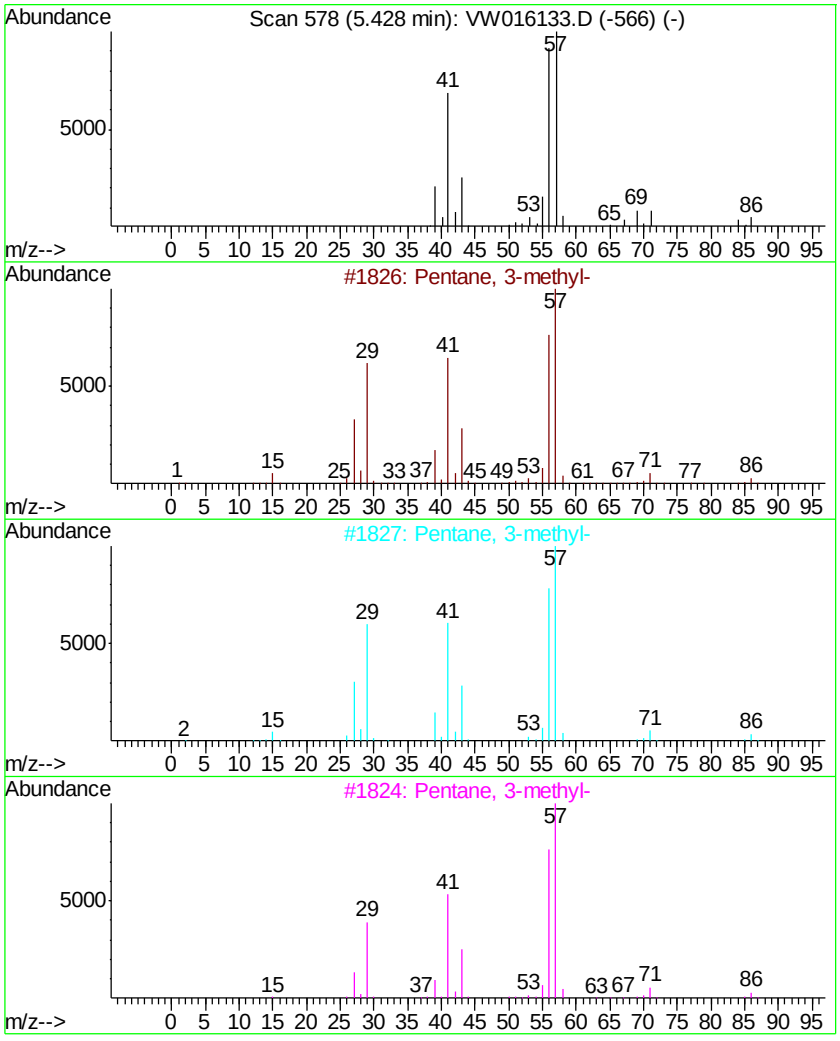
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
Quant Title : VOC Analysis

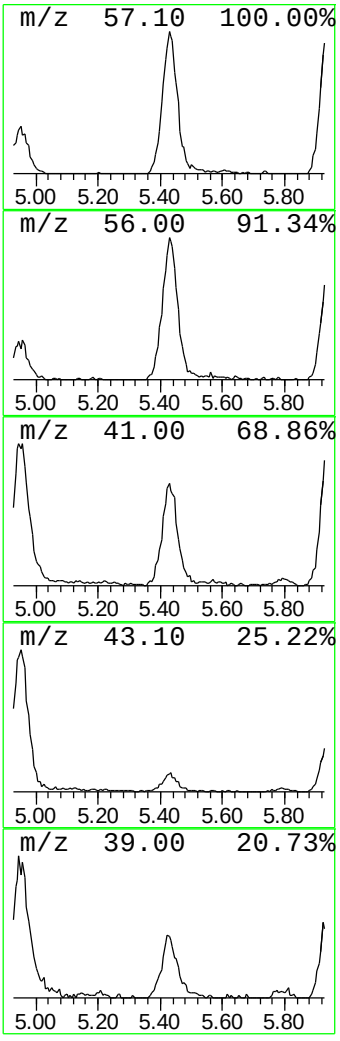
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.43	2.25 ug/L	91159	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	83
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	80
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	80
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64
5	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW081120\
Data File : VW016133.D
Acq On : 11 Aug 2020 14:01
Operator : SY/VA
Sample : L3598-13
Misc : 6.23G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAY69

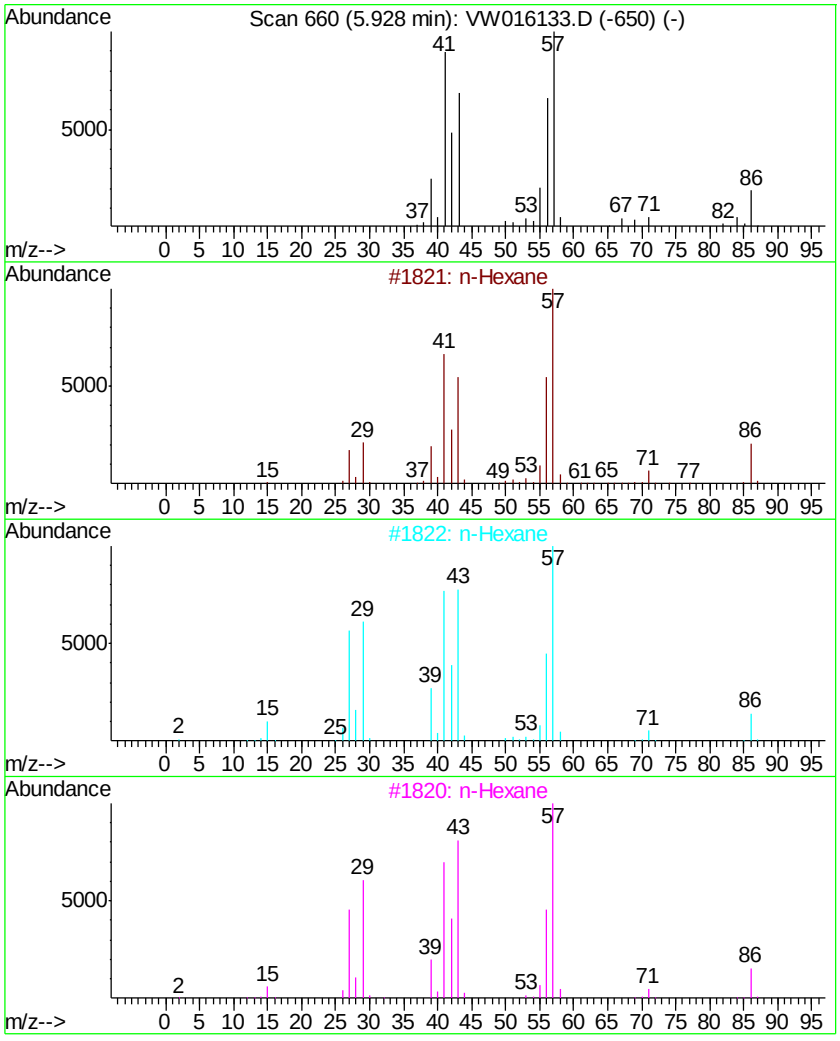
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
Quant Title : VOC Analysis

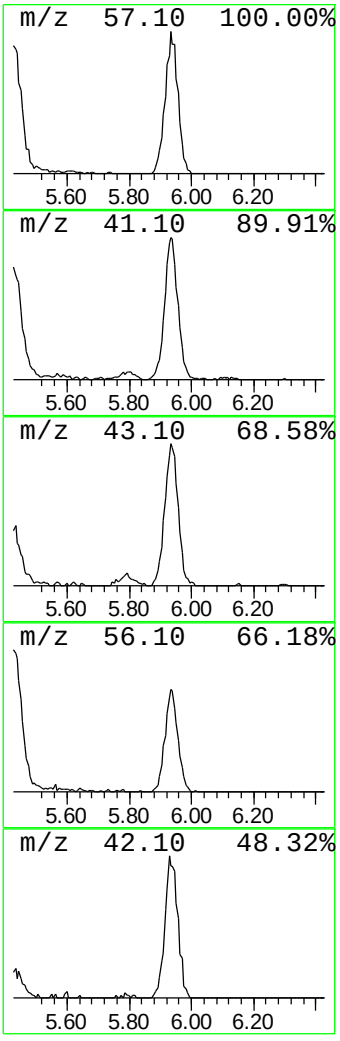
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	2.48 ug/L	100700	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	90
2	n-Hexane	86	C6H14	000110-54-3	86
3	n-Hexane	86	C6H14	000110-54-3	78
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	47
5	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	39





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW081120\
Data File : VW016133.D
Acq On : 11 Aug 2020 14:01
Operator : SY/VA
Sample : L3598-13
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAY69

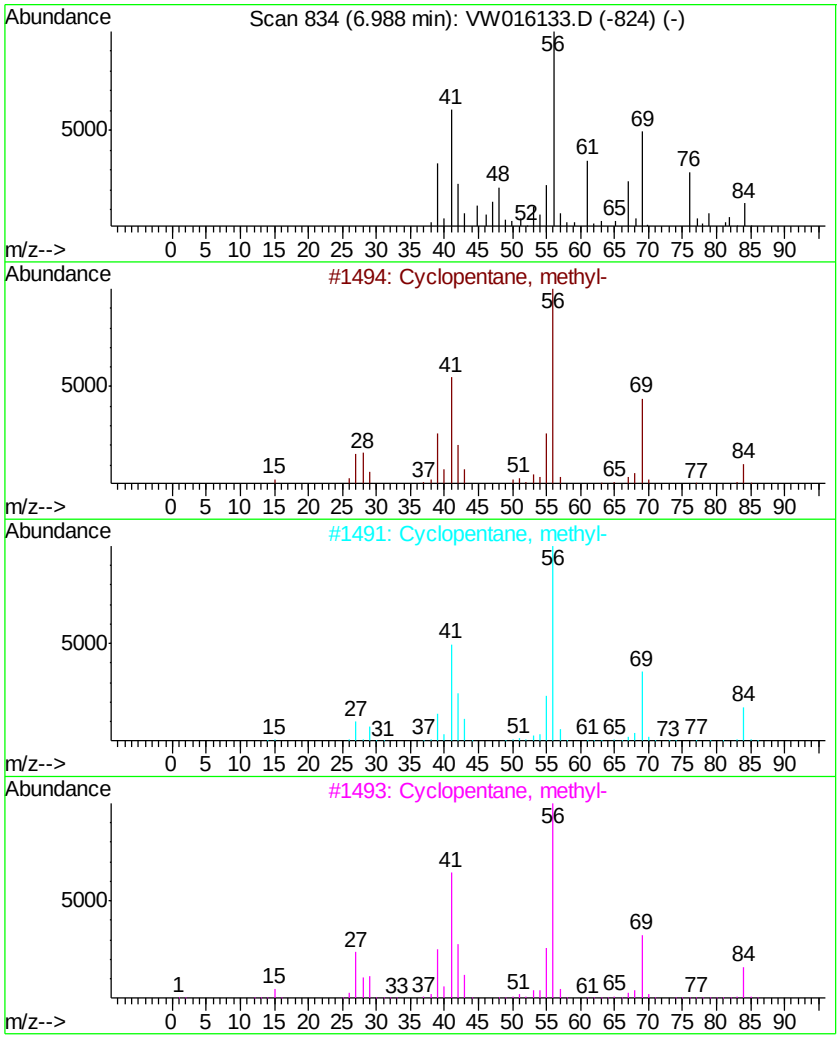
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
Quant Title : VOC Analysis

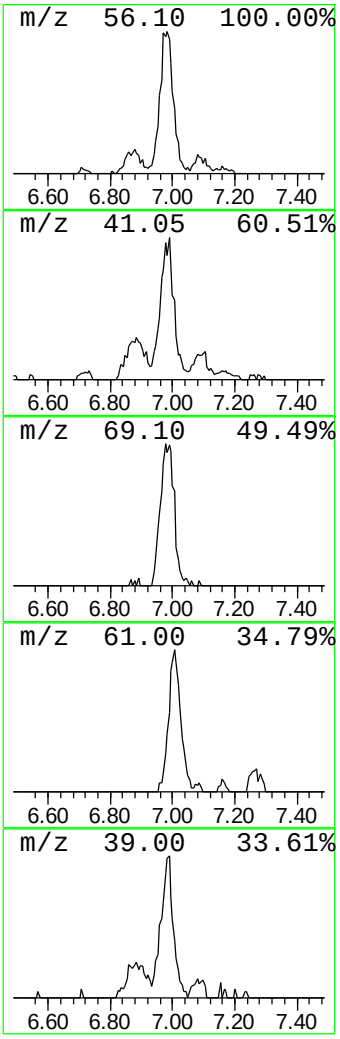
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic6.99 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	1.49 ug/L	60407	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	49
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	43
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	43
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	38
5	Pentane, 2-cyclopropyl-	112	C8H16	005458-16-2	37





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW081120\
Data File : VW016133.D
Acq On : 11 Aug 2020 14:01
Operator : SY/VA
Sample : L3598-13
Misc : 6.23G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAY69

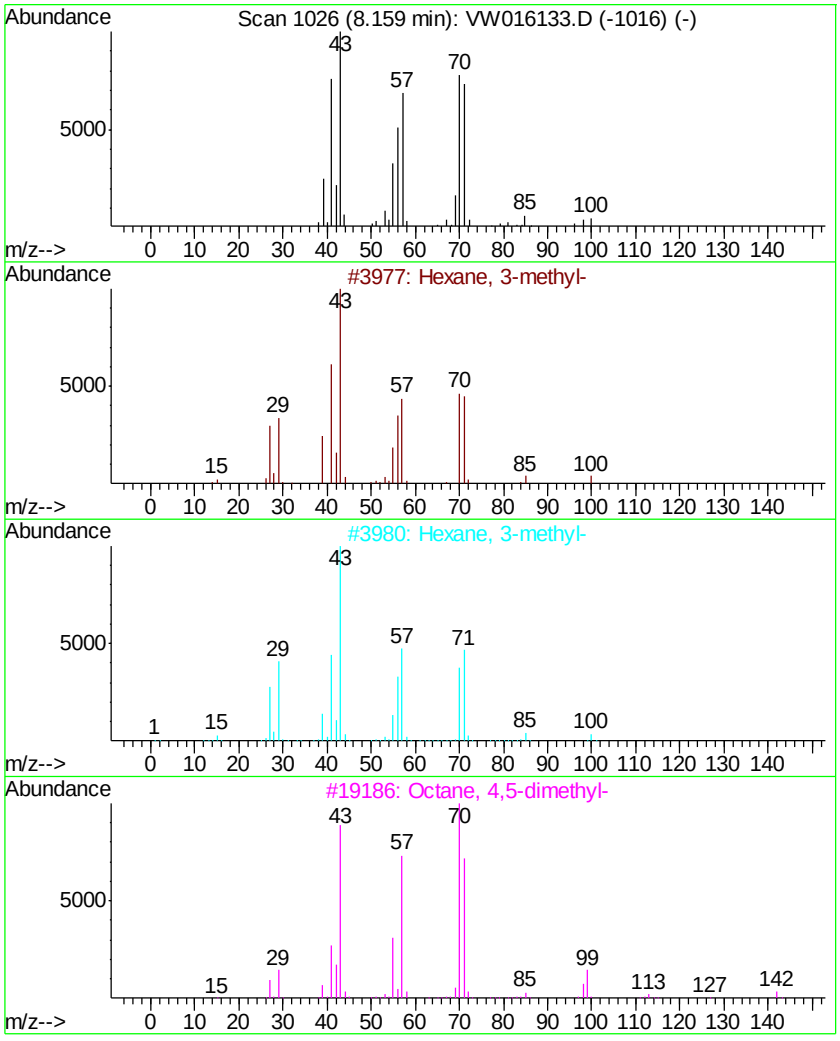
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
Quant Title : VOC Analysis

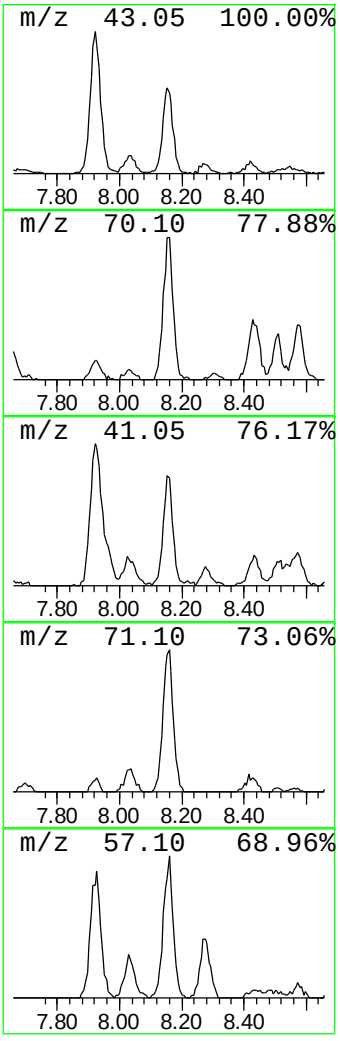
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	2.15 ug/L	87329	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	93
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
3	Octane, 4,5-dimethyl-	142	C10H22	015869-96-2	59
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	58
5	Heptane	100	C7H16	000142-82-5	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW081120\
Data File : VW016133.D
Acq On : 11 Aug 2020 14:01
Operator : SY/VA
Sample : L3598-13
Misc : 6.23G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAY69

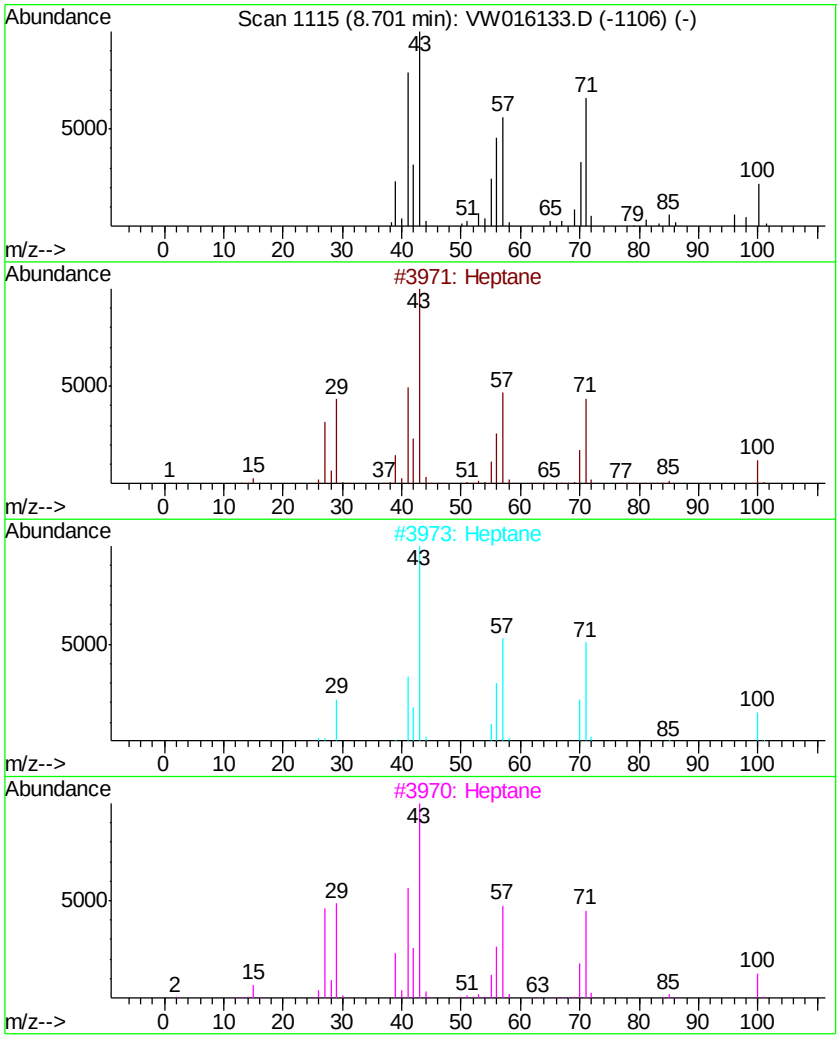
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
Quant Title : VOC Analysis

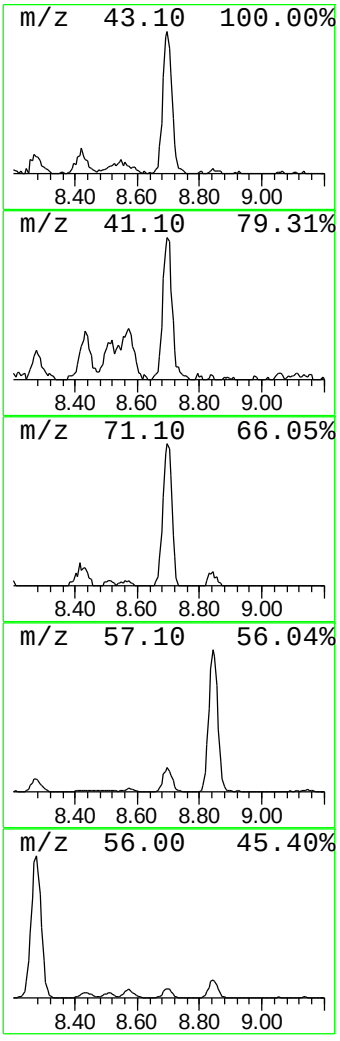
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	1.47 ug/L	59790	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	81
2	Heptane	100	C7H16	000142-82-5	80
3	Heptane	100	C7H16	000142-82-5	58
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	50
5	Heptane	100	C7H16	000142-82-5	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW081120\
Data File : VW016133.D
Acq On : 11 Aug 2020 14:01
Operator : SY/VA
Sample : L3598-13
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAY69

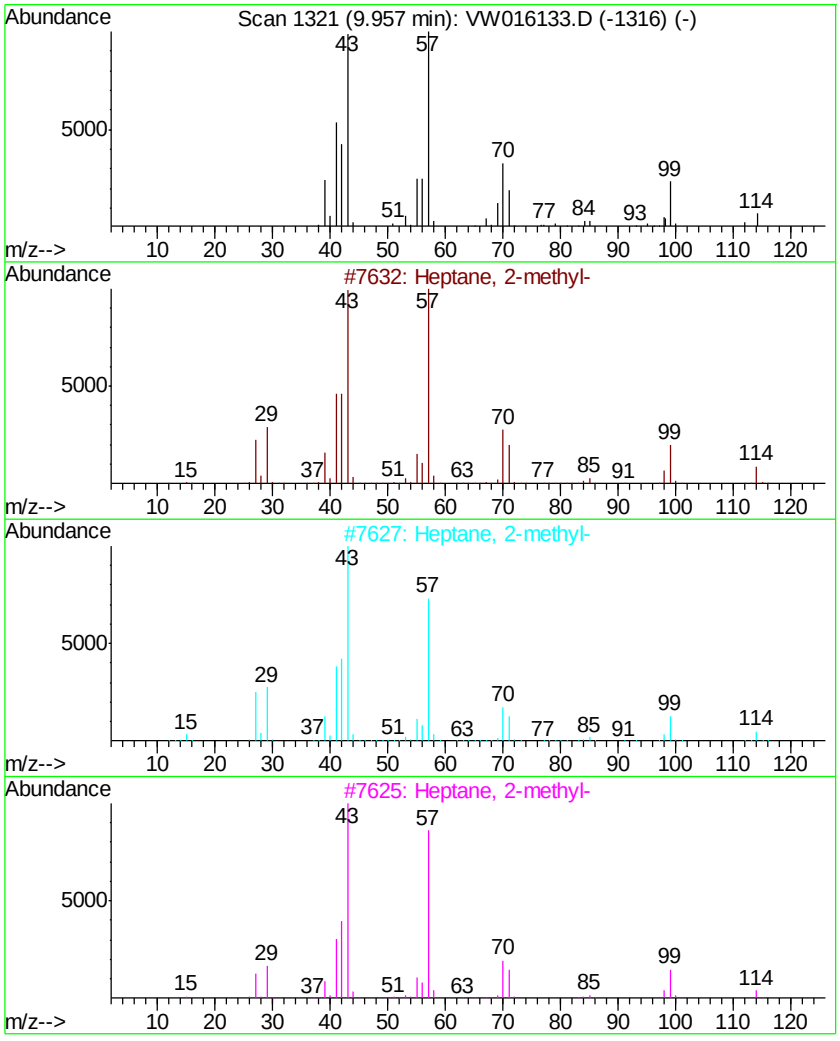
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
Quant Title : VOC Analysis

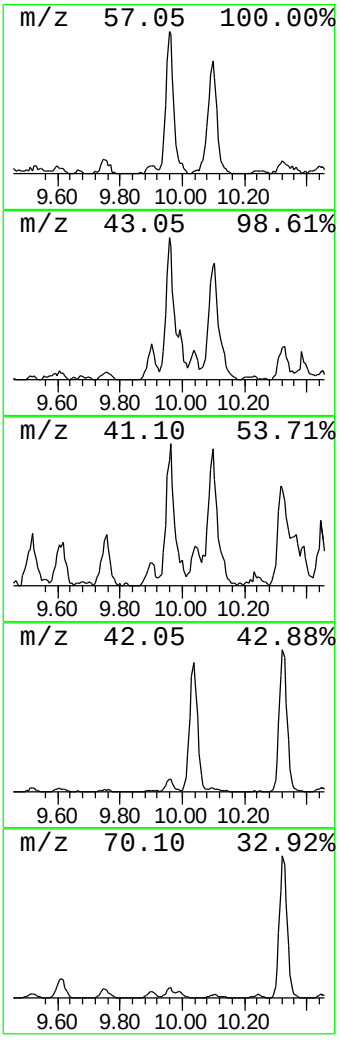
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	1.60 ug/L	65115	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	90
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	86
3	Heptane, 2-methyl-	114	C8H18	000592-27-8	83
4	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	64
5	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	52





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW081120\
Data File : VW016133.D
Acq On : 11 Aug 2020 14:01
Operator : SY/VA
Sample : L3598-13
Misc : 6.23G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAY69

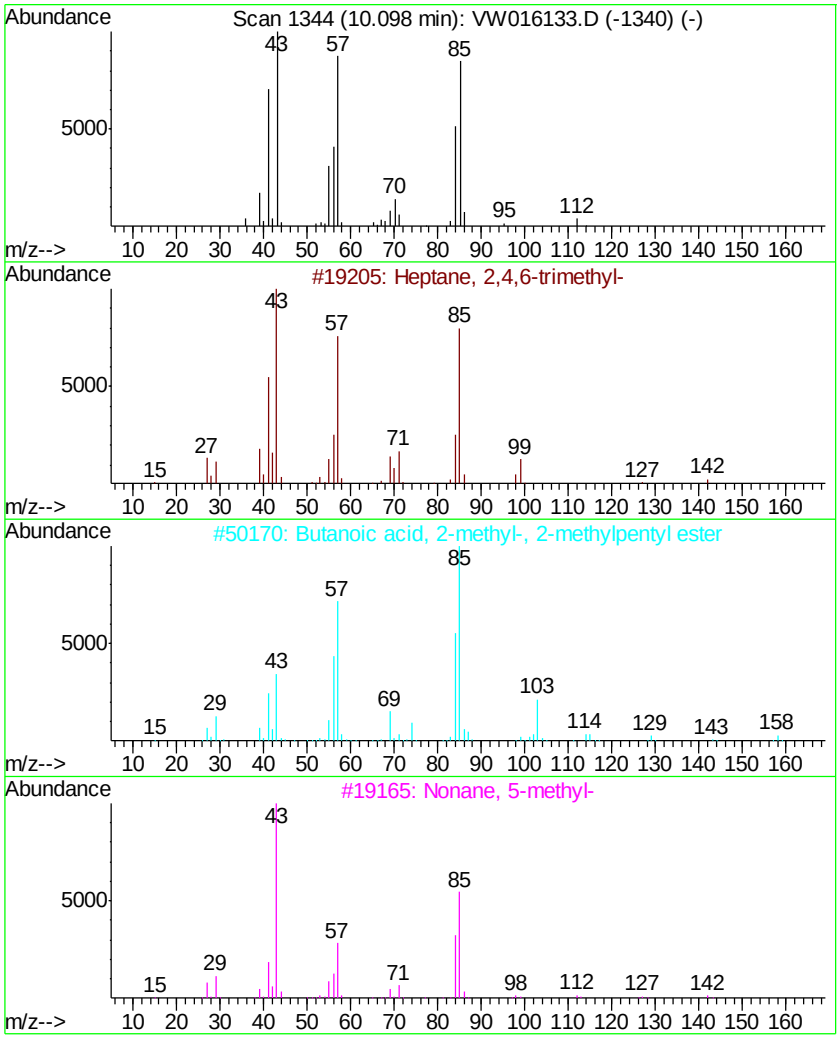
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
Quant Title : VOC Analysis

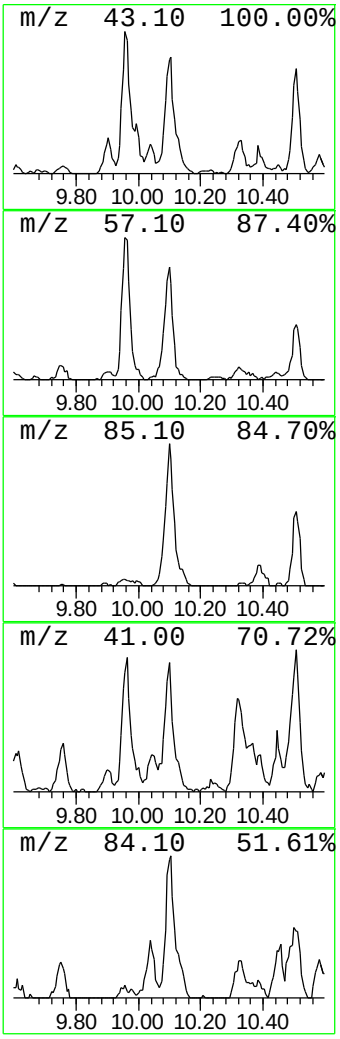
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	1.91 ug/L	77546	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	72
2	Butanoic acid, 2-methyl-, 2-meth...	186	C11H22O2	083783-88-4	64
3	Nonane, 5-methyl-	142	C10H22	015869-85-9	64
4	Pentane, 2,3,3,4-tetramethyl-	128	C9H20	016747-38-9	59
5	Heptane, 3-methyl-	114	C8H18	000589-81-1	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW081120\
Data File : VW016133.D
Acq On : 11 Aug 2020 14:01
Operator : SY/VA
Sample : L3598-13
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAY69

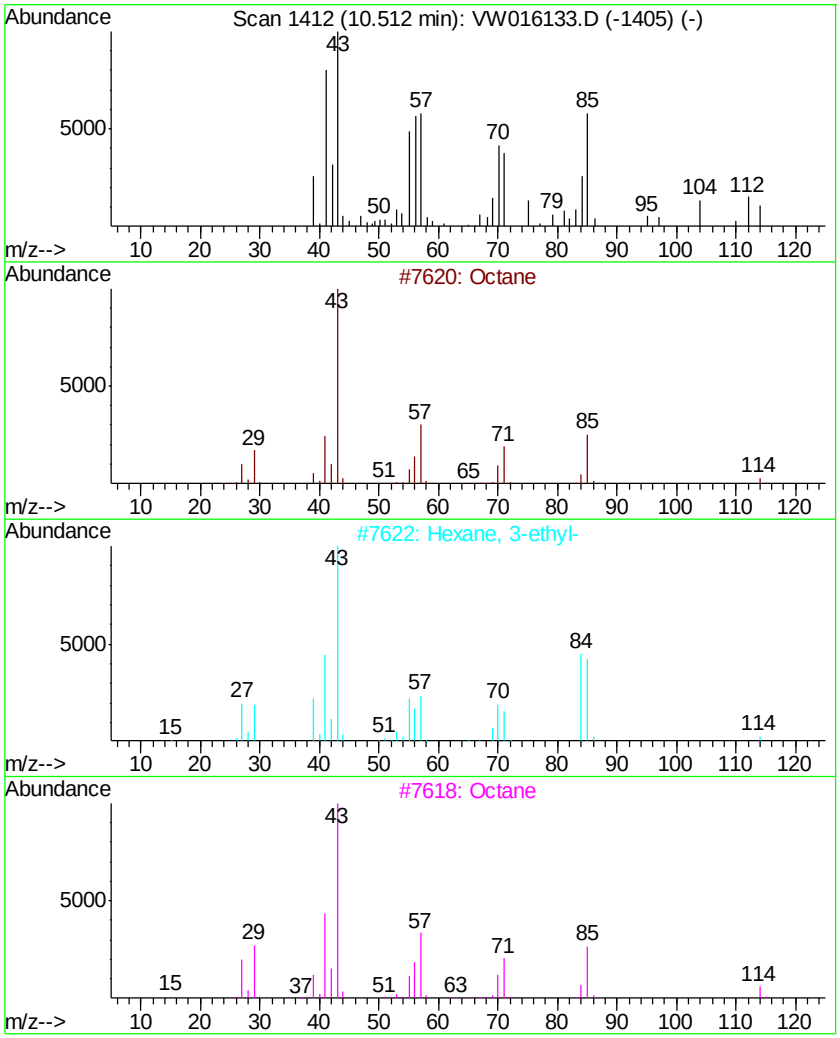
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
Quant Title : VOC Analysis

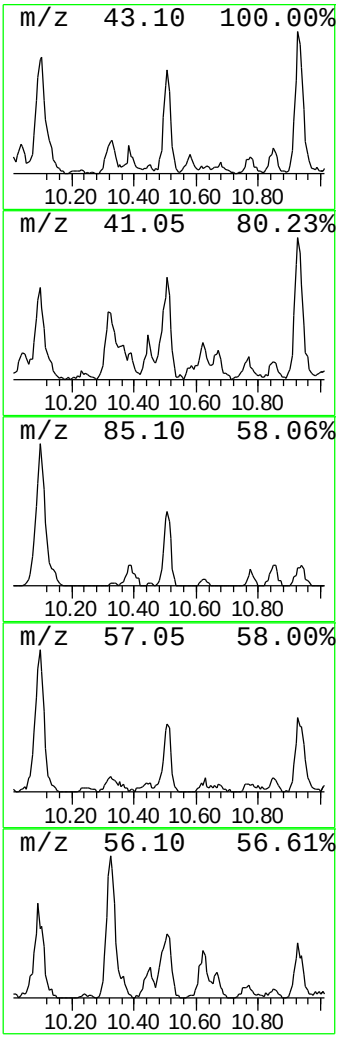
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	1.70 ug/L	81407	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	50
2	Hexane, 3-ethyl-	114	C8H18	000619-99-8	49
3	Octane	114	C8H18	000111-65-9	47
4	Hexane, 3-ethyl-	114	C8H18	000619-99-8	47
5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW081120\
Data File : VW016133.D
Acq On : 11 Aug 2020 14:01
Operator : SY/VA
Sample : L3598-13
Misc : 6.23G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAY69

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
Quant Title : VOC Analysis

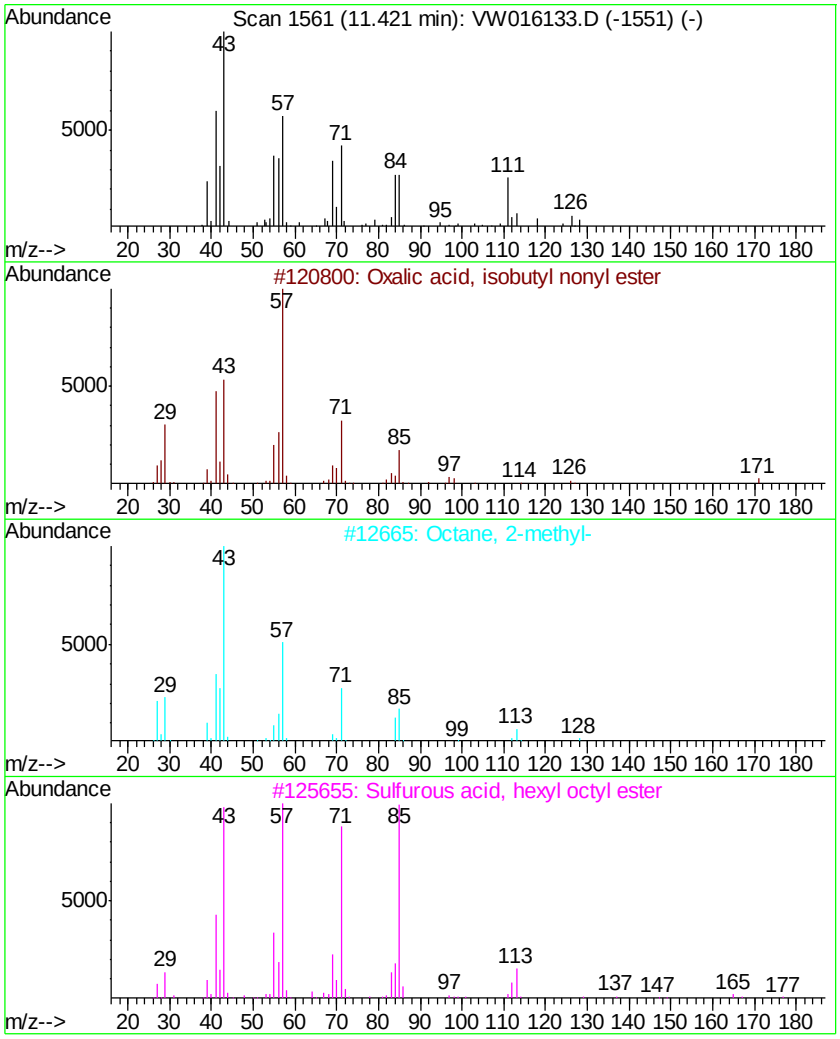
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

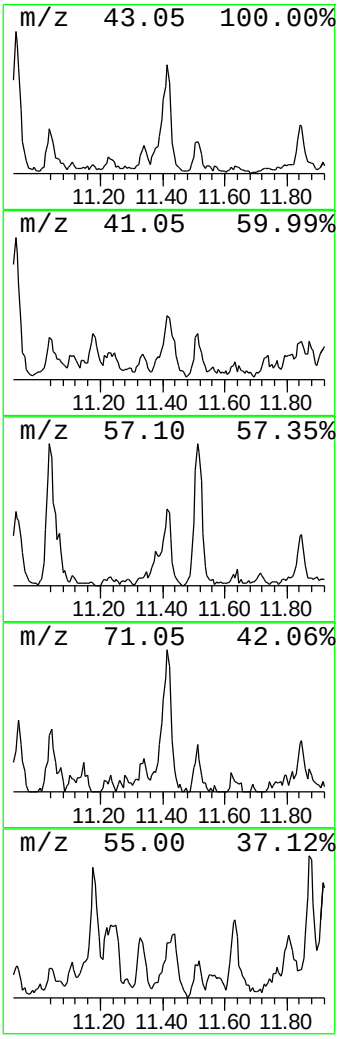
****

Peak Number 15 Oxalic acid, isobutyl nonyl... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	1.76 ug/L	84489	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	50
2	Octane, 2-methyl-	128	C9H20	003221-61-2	50
3	Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	43
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	43
5	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081120\
Data File : VW016133.D
Acq On : 11 Aug 2020 14:01
Operator : SY/VA
Sample : L3598-13
Misc : 6.23G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAY69

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	2.17	5.9	ug/L	238186	1	8.85	1014380	25.0
(DEL) Alkane: Str...	3.03	8.2	ug/L	331674	1	8.85	1014380	25.0
(DEL) Alkane: Str...	3.38	3.5	ug/L	142486	1	8.85	1014380	25.0
(DEL) Alkane: Str...	4.95	5.7	ug/L	230164	1	8.85	1014380	25.0
(DEL) Alkane: Str...	5.43	2.3	ug/L	91159	1	8.85	1014380	25.0
(DEL) Alkane: Str...	5.93	2.5	ug/L	100700	1	8.85	1014380	25.0
(DEL) Alkane: Cyc...	6.99	1.5	ug/L	60407	1	8.85	1014380	25.0
(DEL) Alkane: Str...	8.16	2.1	ug/L	87329	1	8.85	1014380	25.0
(DEL) Alkane: Str...	8.70	1.5	ug/L	59790	1	8.85	1014380	25.0
(DEL) Alkane: Str...	9.96	1.6	ug/L	65115	1	8.85	1014380	25.0
(DEL) Alkane: Str...	10.10	1.9	ug/L	77546	1	8.85	1014380	25.0
(DEL) Alkane: Str...	10.51	1.7	ug/L	81407	2	11.63	1197670	25.0
Oxalic acid, isob...	11.42	1.8	ug/L	84489	2	11.63	1197670	25.0