LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW113018\
Data File : VW007153.D
Acq On : 30 Nov 2018 20:15
Operator : SY/AP
Sample : J6077-17
Misc : 6.11G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9Y37

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\SOM2WLM113018S.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	2.349	68	73	85	rVB	27570	46116	8.22%	0.775%
2	2.495	95	97	102	rVB2	1433	1940	0.35%	0.033%
3	2.818	145	150	155	rBV3	739	1402	0.25%	0.024%
4	2.885	155	161	170	rVV	20547	39386	7.02%	0.662%
5	2.971	173	175	176	rBV	284	271	0.05%	0.005%
6	3.160	204	206	208	rBV	197	185	0.03%	0.003%
7	3.275	219	225	230	rVV4	836	1769	0.32%	0.030%
8	3.312	230	231	236	rVB3	216	222	0.04%	0.004%
9	3.361	236	239	241	rVB	214	228	0.04%	0.004%
10	3.483	257	259	263	rVB2	205	215	0.04%	0.004%
11	3.538	263	268	274	rBV3	547	1339	0.24%	0.023%
12	3.599	274	278	282	rVV2	193	358	0.06%	0.006%
13	3.867	315	322	328	rBV4	652	1557	0.28%	0.026%
14	3.916	328	330	332	rVB	160	168	0.03%	0.003%
15	4.019	335	347	359	rBV	58578	152470	27.19%	2.562%
16	4.129	359	365	376	rVB2	2278	7124	1.27%	0.120%
17	4.233	378	382	384	rBV2	114	166	0.03%	0.003%
18	4.275	387	389	395	rVB2	207	277	0.05%	0.005%
19	4.385	399	407	418	rBV4	1432	4177	0.74%	0.070%
20	4.592	437	441	444	rBV2	149	259	0.05%	0.004%
21	4.617	444	445	449	rVV2	149	190	0.03%	0.003%
22	4.684	455	456	459	rBV2	144	176	0.03%	0.003%
23	4.751	466	467	470	rVB2	203	172	0.03%	0.003%
24	4.921	484	495	507	rBV3	5333	16468	2.94%	0.277%
25	5.129	524	529	532	rBV2	295	456	0.08%	0.008%
26	5.318	557	560	563	rVV2	173	278	0.05%	0.005%
27	5.342	563	564	567	rVV2	187	202	0.04%	0.003%
28	5.446	579	581	583	rVV	186	199	0.04%	0.003%
29	5.586	601	604	607	rBV2	211	300	0.05%	0.005%
30	5.616	607	609	614	rVV2	177	251	0.04%	0.004%
31	5.720	622	626	628	rVV	141	191	0.03%	0.003%
32	5.952	655	664	670	rVV5	1757	4552	0.81%	0.076%
33	6.561	760	764	768	rVB2	200	354	0.06%	0.006%
34	6.738	790	793	798	rBV2	112	210	0.04%	0.004%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW113018\
Data File : VW007153.D
Acq On : 30 Nov 2018 20:15
Operator : SY/AP
Sample : J6077-17
Misc : 6.11G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9Y37

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\SOM2WLM113018S.M
Title : VOC Analysis

35	6.897	814	819	821	rBV2	619	1165	0.21%	0.020%
36	7.086	841	850	855	rBV	11718	33539	5.98%	0.564%
37	7.263	876	879	883	rVB3	267	314	0.06%	0.005%
38	7.391	895	900	902	rBV3	398	662	0.12%	0.011%
39	7.409	902	903	904	rBV	281	185	0.03%	0.003%
40	7.500	913	918	919	rBV2	801	1217	0.22%	0.020%
41	7.653	934	943	958	rVB	67590	176716	31.51%	2.970%
42	7.781	963	964	967	rBV	246	238	0.04%	0.004%
43	7.811	967	969	971	rBV2	170	178	0.03%	0.003%
44	7.951	988	992	999	rVB4	1549	2731	0.49%	0.046%
45	8.018	1001	1003	1004	rVB2	300	174	0.03%	0.003%
46	8.061	1008	1010	1013	rBV3	215	260	0.05%	0.004%
47	8.134	1019	1022	1023	rBV2	244	174	0.03%	0.003%
48	8.281	1030	1046	1059	rBV2	150283	445544	79.45%	7.488%
49	8.707	1114	1116	1117	rBV	366	292	0.05%	0.005%
50	8.848	1130	1139	1151	rVV	183024	360218	64.23%	6.054%
51	8.945	1153	1155	1157	rVB	530	410	0.07%	0.007%
52	9.018	1166	1167	1168	rBV	314	224	0.04%	0.004%
53	9.213	1196	1199	1202	rBV4	147	270	0.05%	0.005%
54	9.280	1202	1210	1217	rBV	94669	196993	35.13%	3.311%
55	9.463	1237	1240	1243	rBV2	286	365	0.07%	0.006%
56	9.506	1243	1247	1248	rBV3	285	398	0.07%	0.007%
57	9.616	1256	1265	1274	rVB4	1351	3191	0.57%	0.054%
58	9.695	1274	1278	1280	rBV2	152	228	0.04%	0.004%
59	9.756	1282	1288	1295	rBV4	4313	9649	1.72%	0.162%
60	9.823	1297	1299	1303	rVB4	277	300	0.05%	0.005%
61	9.896	1303	1311	1316	rVB3	3055	5976	1.07%	0.100%
62	9.951	1316	1320	1323	rBV3	579	802	0.14%	0.013%
63	10.036	1326	1334	1348	rVB	55846	105182	18.76%	1.768%
64	10.213	1355	1363	1374	rBV2	33564	66555	11.87%	1.118%
65	10.329	1374	1382	1389	rBV	241638	430179	76.71%	7.229%
66	10.390	1389	1392	1397	rVB3	1221	1873	0.33%	0.031%
67	10.445	1397	1401	1403	rBV3	343	456	0.08%	0.008%
68	10.469	1403	1405	1406	rBV2	455	365	0.07%	0.006%
69	10.579	1417	1423	1426	rBV	37398	63212	11.27%	1.062%
70	10.622	1426	1430	1439	rVB	68239	120149	21.42%	2.019%
71	10.713	1439	1445	1450	rBV	14098	28280	5.04%	0.475%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW113018\
Data File : VW007153.D
Acq On : 30 Nov 2018 20:15
Operator : SY/AP
Sample : J6077-17
Misc : 6.11G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9Y37

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\SOM2WLM113018S.M
Title : VOC Analysis

72	10.774	1452	1455	1462	rVB5	7109	13641	2.43%	0.229%
73	10.926	1472	1480	1489	rVB2	59184	118162	21.07%	1.986%
74	11.067	1498	1503	1508	rVB3	15647	26190	4.67%	0.440%
75	11.146	1511	1516	1524	rBV2	10389	19368	3.45%	0.325%
76	11.237	1526	1531	1533	rBV4	3015	5134	0.92%	0.086%
77	11.286	1534	1539	1542	rBV3	20771	36609	6.53%	0.615%
78	11.439	1559	1564	1572	rVB2	20552	39281	7.00%	0.660%
79	11.554	1575	1583	1587	rBV5	6077	15641	2.79%	0.263%
80	11.634	1589	1596	1605	rVV	287119	503474	89.78%	8.461%
81	11.847	1625	1631	1635	rBV2	15053	27874	4.97%	0.468%
82	11.981	1647	1653	1659	rBV3	53108	109349	19.50%	1.838%
83	12.127	1670	1677	1683	rBV	59905	105136	18.75%	1.767%
84	12.195	1683	1688	1693	rBV8	19655	44025	7.85%	0.740%
85	12.286	1698	1703	1706	rBV3	10683	14355	2.56%	0.241%
86	12.335	1706	1711	1714	rBV2	62835	102611	18.30%	1.724%
87	12.445	1723	1729	1743	rBV4	32105	89988	16.05%	1.512%
88	12.566	1746	1749	1752	rBV3	5615	6551	1.17%	0.110%
89	12.615	1752	1757	1763	rVB2	40849	74274	13.24%	1.248%
90	12.694	1763	1770	1776	rBV2	109724	229840	40.98%	3.863%
91	12.762	1777	1781	1782	rBV3	9543	12780	2.28%	0.215%
92	12.865	1790	1798	1806	rBV3	117535	277506	49.48%	4.664%
93	13.213	1851	1855	1860	rBV3	45488	74318	13.25%	1.249%
94	13.268	1860	1864	1867	rBV2	69788	108954	19.43%	1.831%
95	13.396	1880	1885	1886	rBV3	43465	71621	12.77%	1.204%
96	13.560	1907	1912	1919	rVB	318070	560817	100.00%	9.425%
97	13.627	1920	1923	1925	rBV	21193	31956	5.70%	0.537%
98	13.743	1939	1942	1945	rBV4	31385	47853	8.53%	0.804%
99	13.859	1956	1961	1970	rBV2	239372	467393	83.34%	7.855%
100	15.749	2267	2271	2280	rVB5	189111	373425	66.59%	6.276%

Sum of corrected areas: 5950418

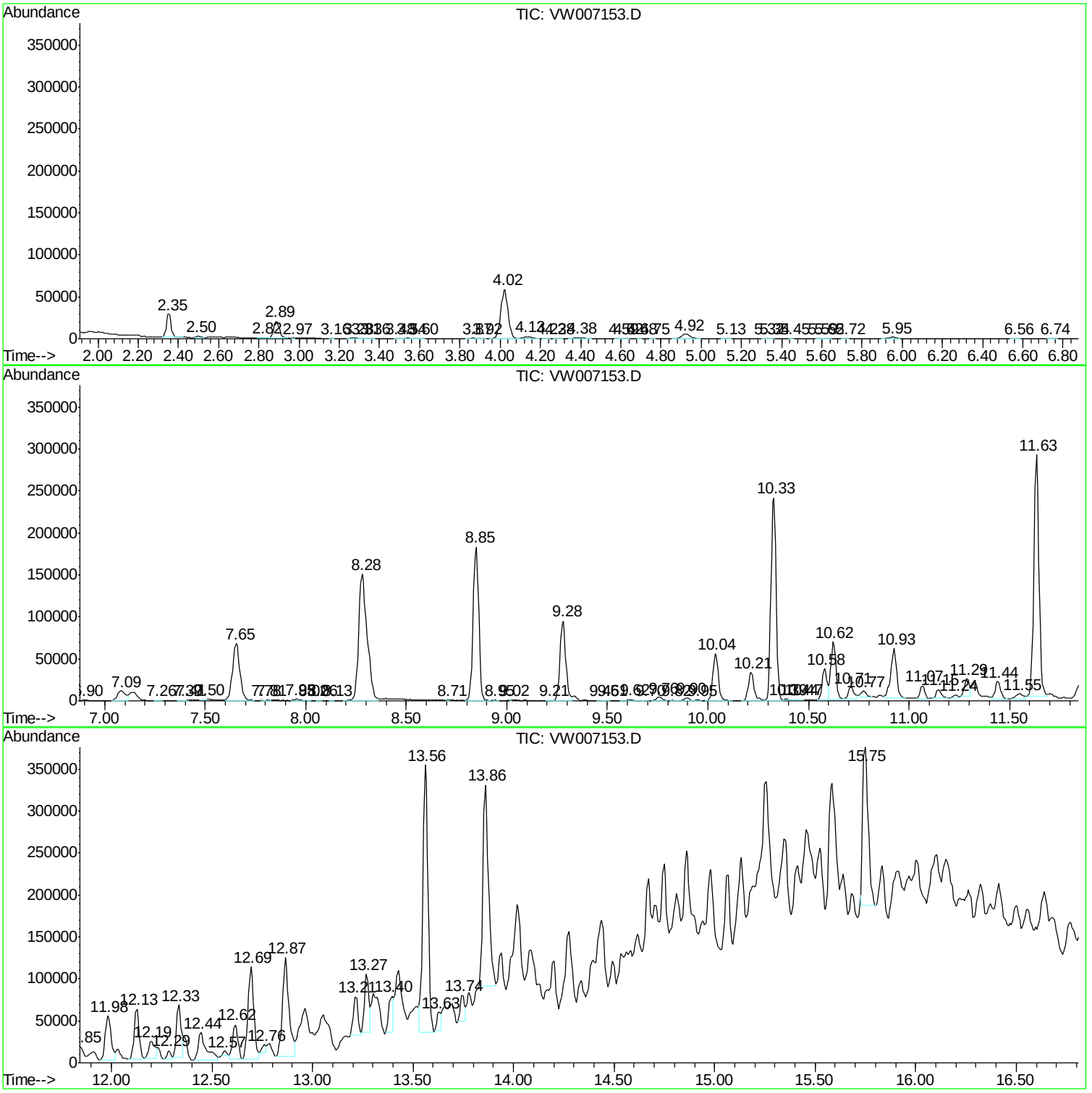
LSC Report - Integrated Chromatogram

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW113018\
Data File : VW007153.D
Acq On : 30 Nov 2018 20:15
Operator : SY/AP
Sample : J6077-17
Misc : 6.11G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9Y37

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW113018\
Data File : VW007153.D
Acq On : 30 Nov 2018 20:15
Operator : SY/AP
Sample : J6077-17
Misc : 6.11G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9Y37

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis

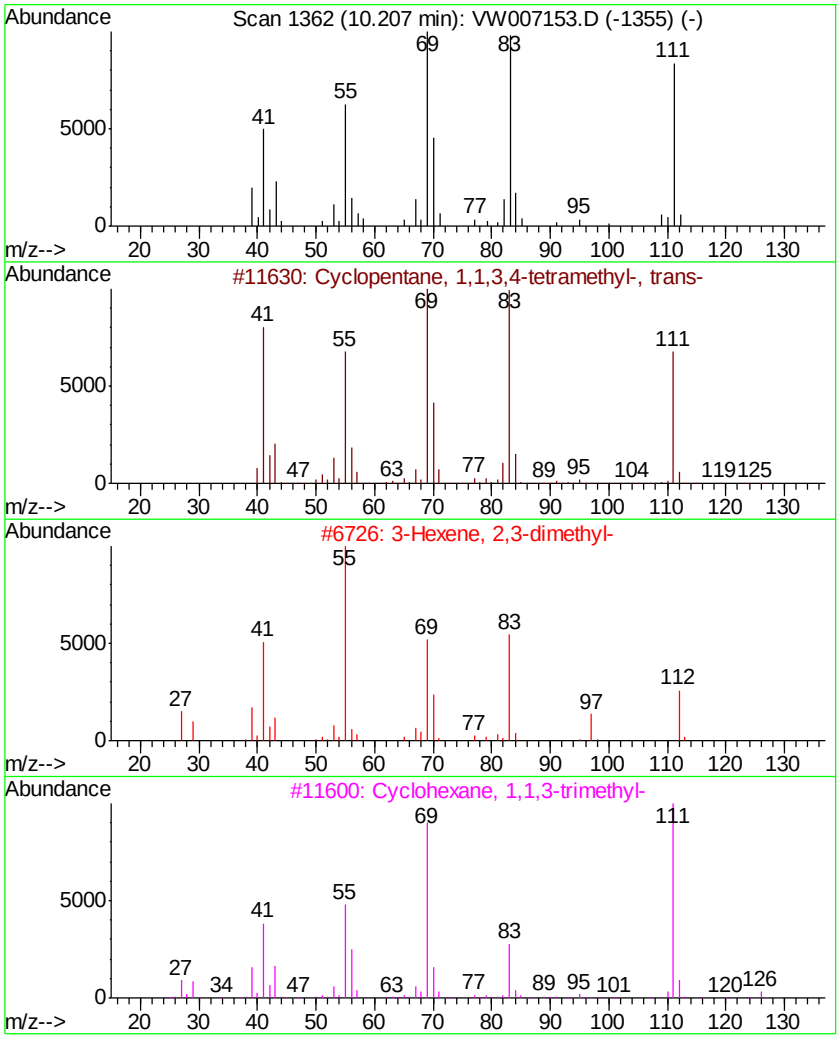
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

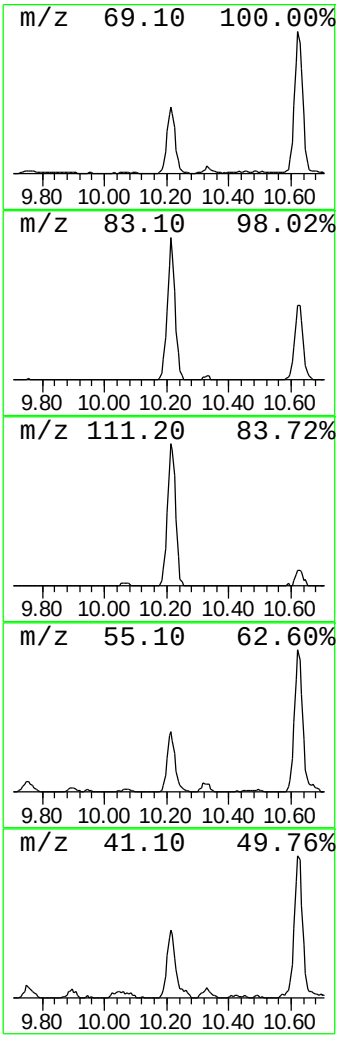
****

Peak Number 2 (DEL) Alkane: Cyclic10.21 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	4.62 ug/L	66555	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	020309-77-7	83
2	3-Hexene, 2,3-dimethyl-	112	C8H16	007145-23-5	50
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	47
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	47
5	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	38





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW113018\
Data File : VW007153.D
Acq On : 30 Nov 2018 20:15
Operator : SY/AP
Sample : J6077-17
Misc : 6.11G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9Y37

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis

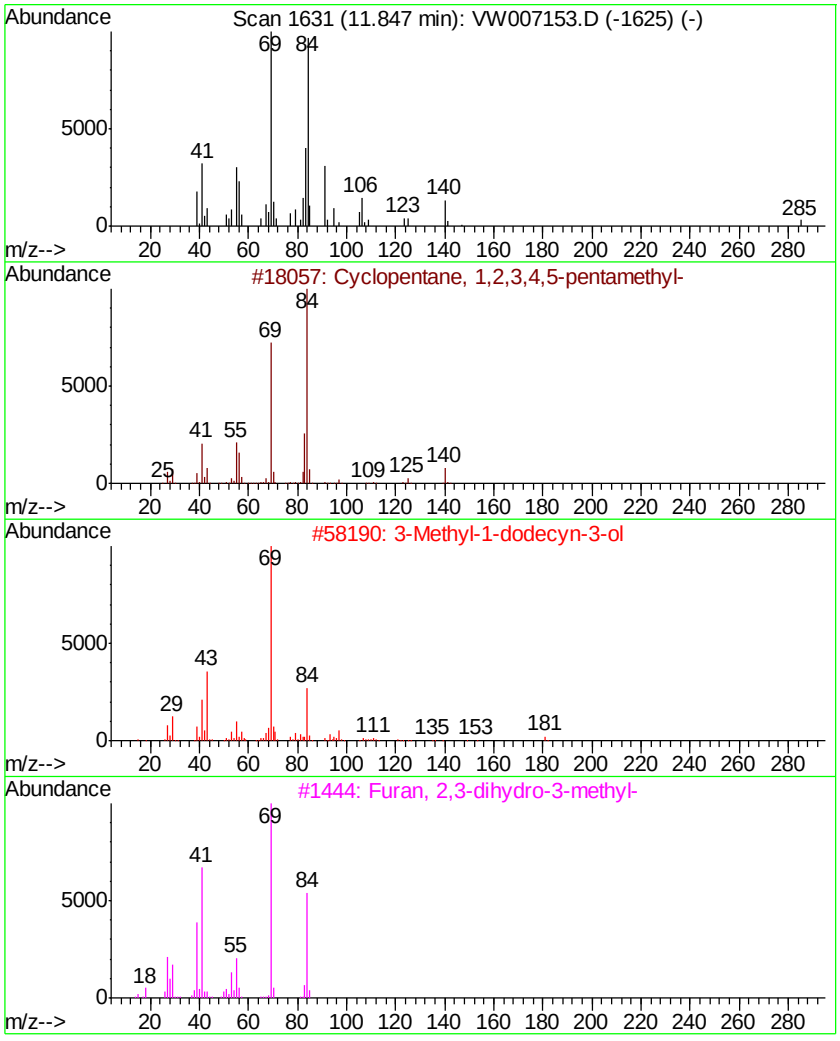
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

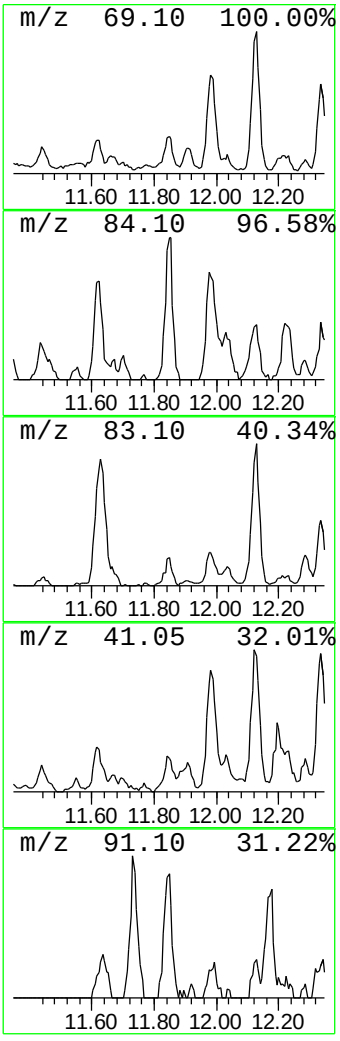
****

Peak Number 7 (DEL) Alkane: Cyclic11.85 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	1.38 ug/L	27874	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3,4,5-pentamet...	140	C10H20	1000152-79-7	53
2	3-Methyl-1-dodecyn-3-ol	196	C13H24O	024424-78-0	50
3	Furan, 2,3-dihydro-3-methyl-	84	C5H8O	001708-27-6	50
4	1H-Pyrazole, 4,5-dihydro-5-methyl-	84	C4H8N2	001568-20-3	40
5	Tetramethyl succinimide	155	C8H13NO2	003566-61-8	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW113018\
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Sample : J6077-17
Misc : 6.11G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9Y37

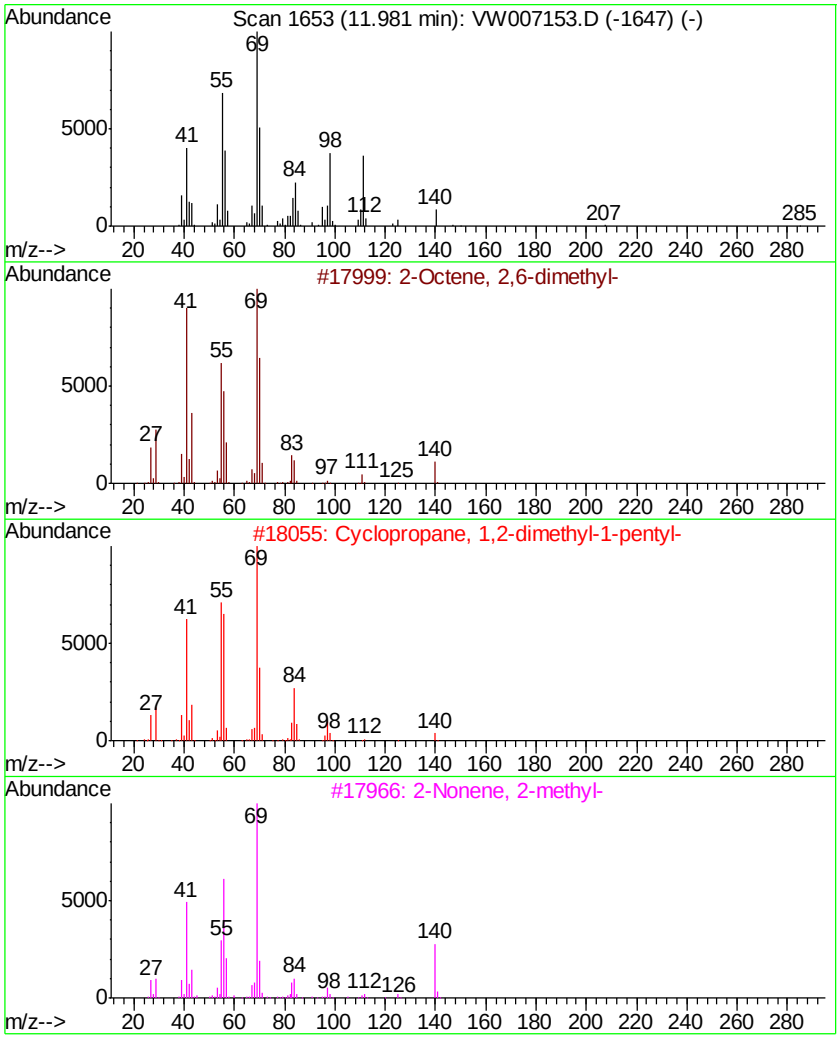
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis

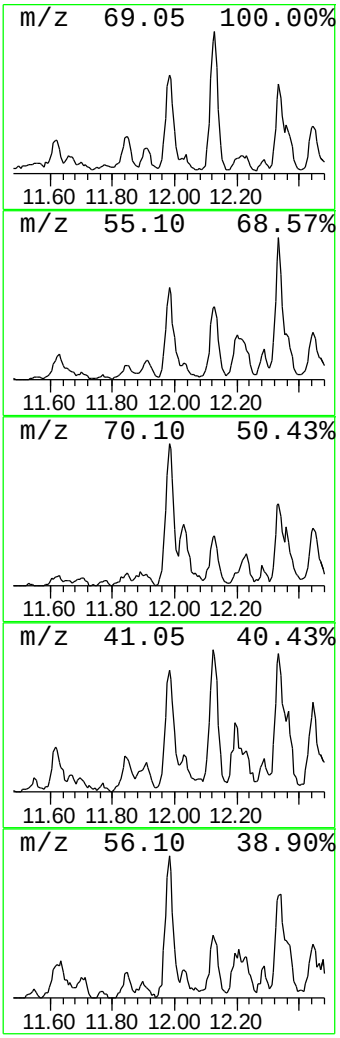
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic11.98 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	5.43 ug/L	109349	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	70
2	Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	50
3	2-Nonene, 2-methyl-	140	C10H20	002129-95-5	50
4	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	49
5	2-Pentene-1,4-dione, 1-(1,2,2-tr...	208	C13H20O2	1000196-77-9	47





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Acq On : 30 Nov 2018 20:15
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Sample : J6077-17
Misc : 6.11G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9Y37

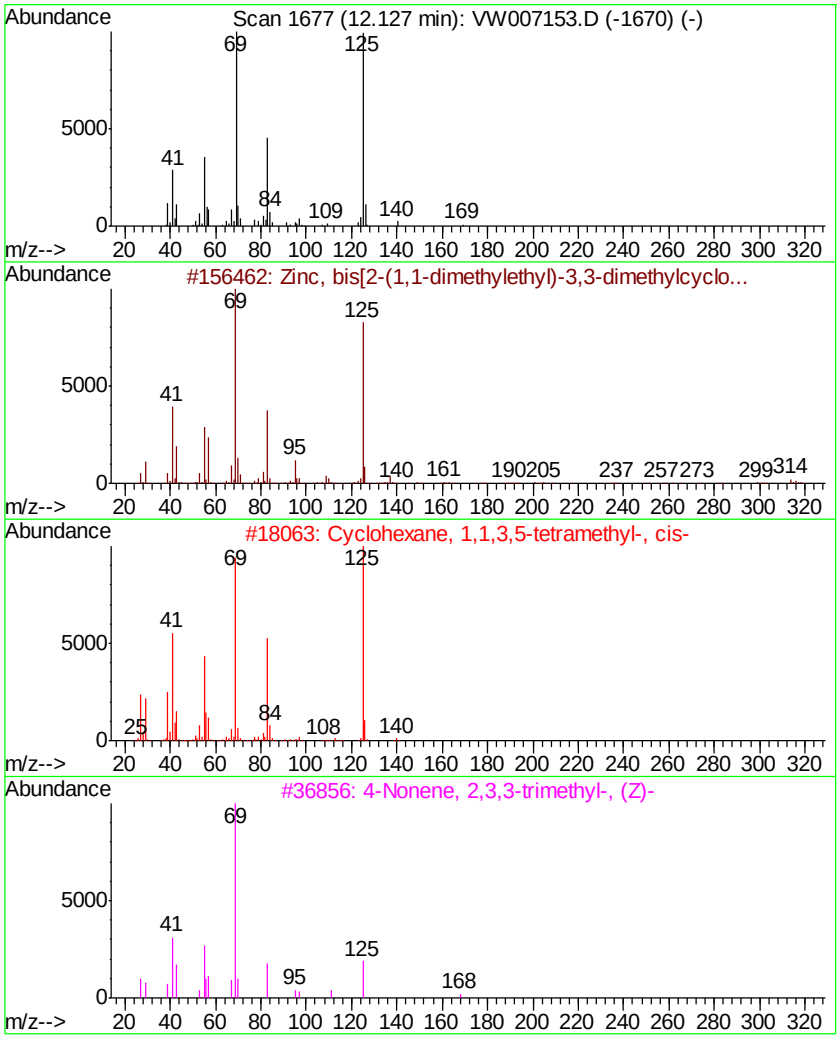
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis

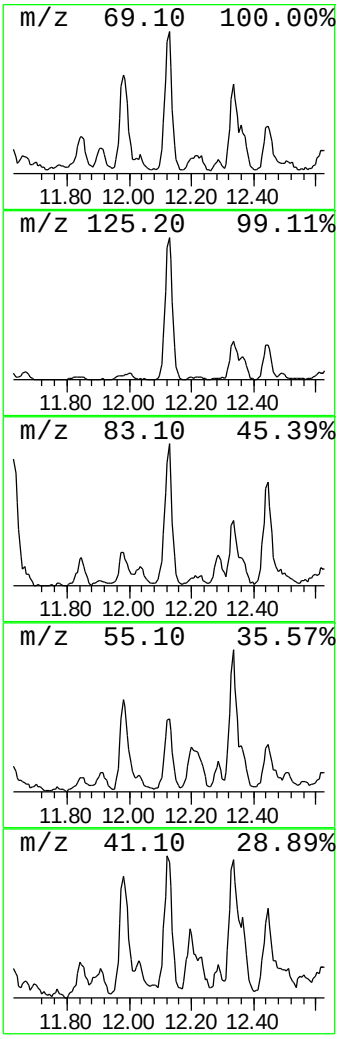
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Zinc, bis[2-(1,1-dimethylet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	5.22 ug/L	105136	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Zinc, bis[2-(1,1-dimethylethyl)-...	314	C18H34Zn	074793-36-5	78
2	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	78
3	4-Nonene, 2,3,3-trimethyl-, (Z)-	168	C12H24	063830-68-2	64
4	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	59
5	Cyclohexane, 1,3,5-trimethyl-2-o...	378	C27H54	055282-34-3	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW113018\
Data File : VW007153.D
Acq On : 30 Nov 2018 20:15
Operator : SY/AP
Sample : J6077-17
Misc : 6.11G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9Y37

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis

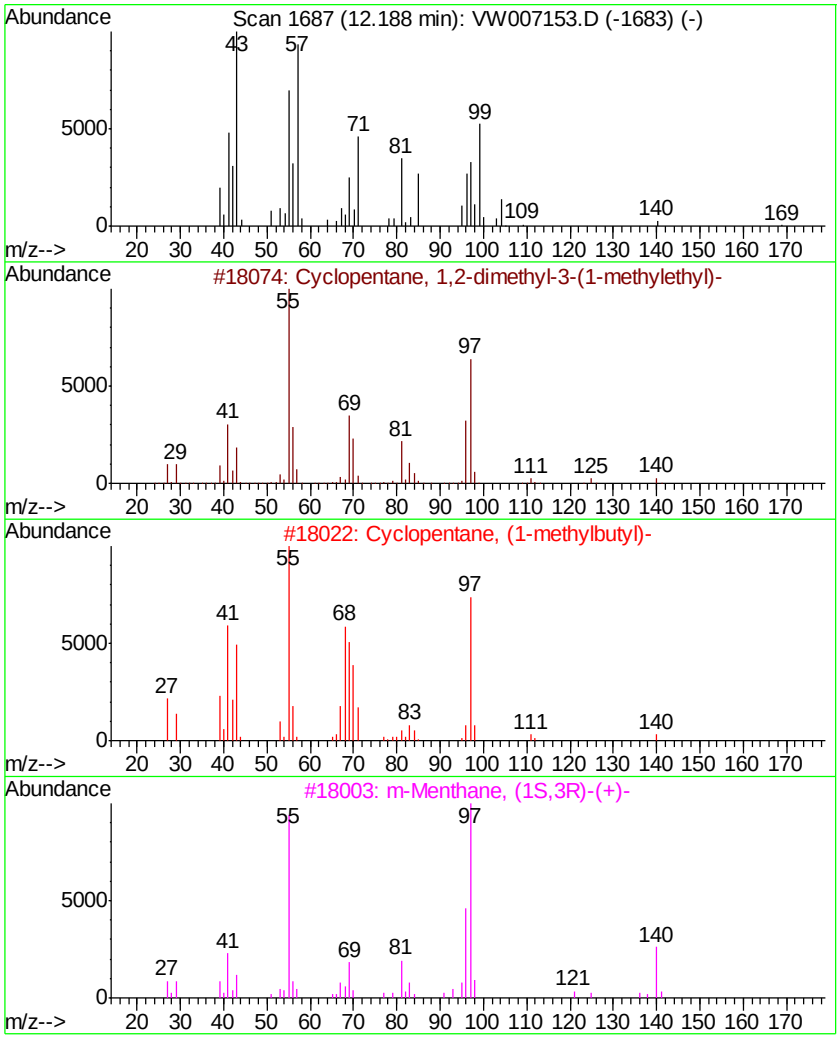
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

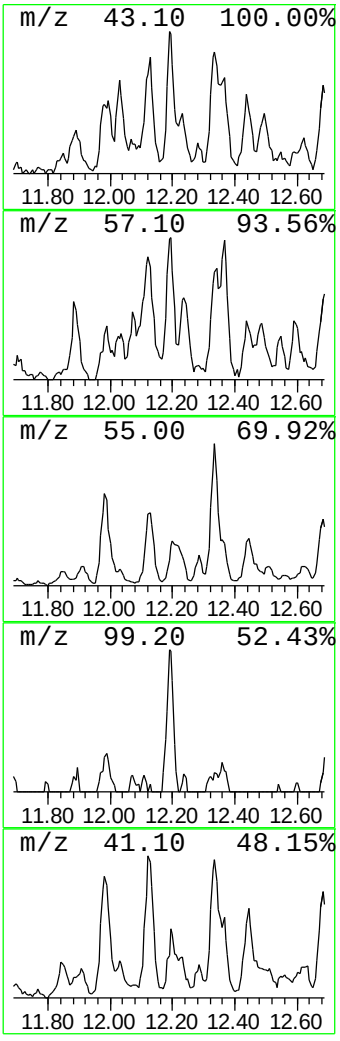
****

Peak Number 10 (DEL) Alkane: Cyclic12.19 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	2.19 ug/L	44025	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-3-(1-...	140	C10H20	000489-20-3	52
2	Cyclopentane, (1-methylbutyl)-	140	C10H20	004737-43-3	38
3	m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	38
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	38
5	m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	38





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW113018\
Data File : VW007153.D
Acq On : 30 Nov 2018 20:15
Operator : SY/AP
Sample : J6077-17
Misc : 6.11G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9Y37

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis

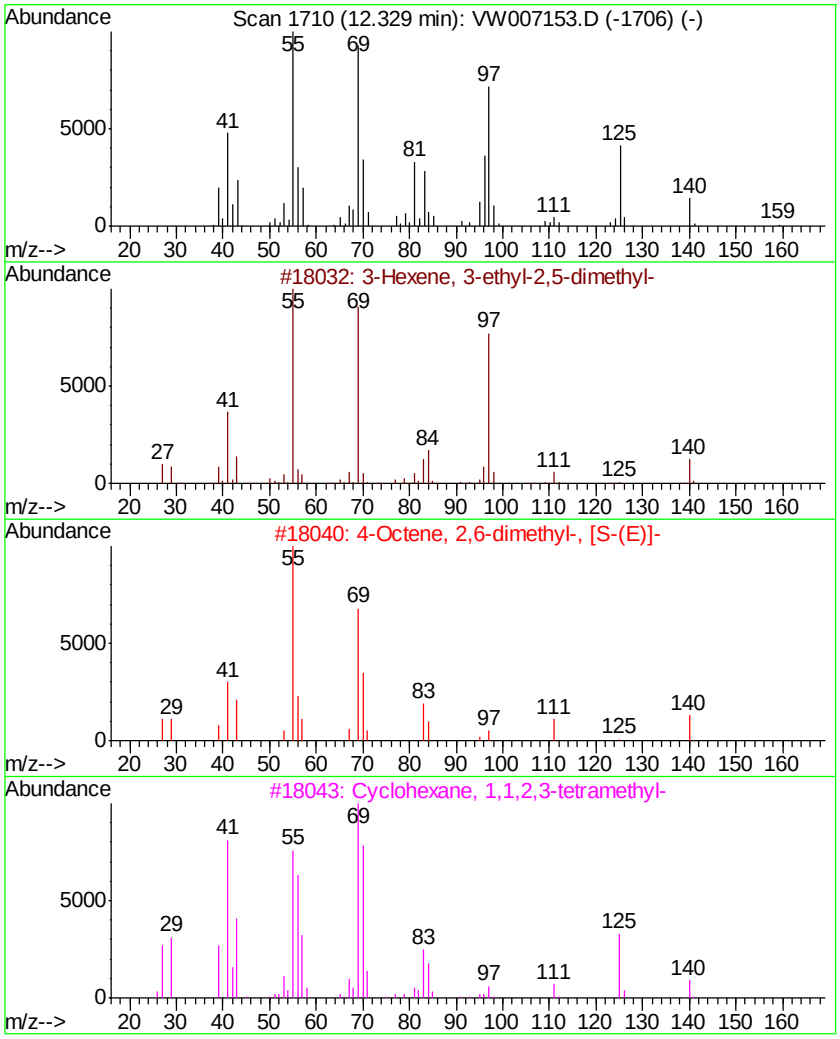
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

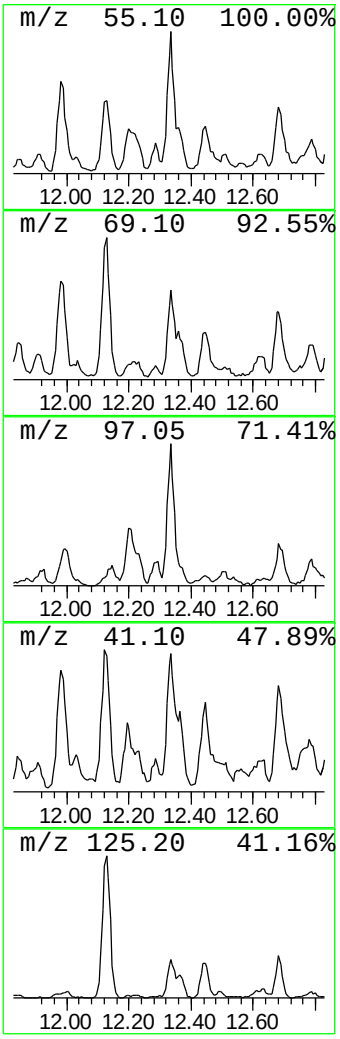
****

Peak Number 11 (DEL) Alkane: Cyclic12.33 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	5.10 ug/L	102611	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	49
2	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	45
3	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	45
4	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	38
5	3-Nonene, 2-methyl-	140	C10H20	053966-53-3	30





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW113018\
Data File : VW007153.D
Acq On : 30 Nov 2018 20:15
Operator : SY/AP
Sample : J6077-17
Misc : 6.11G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9Y37

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis

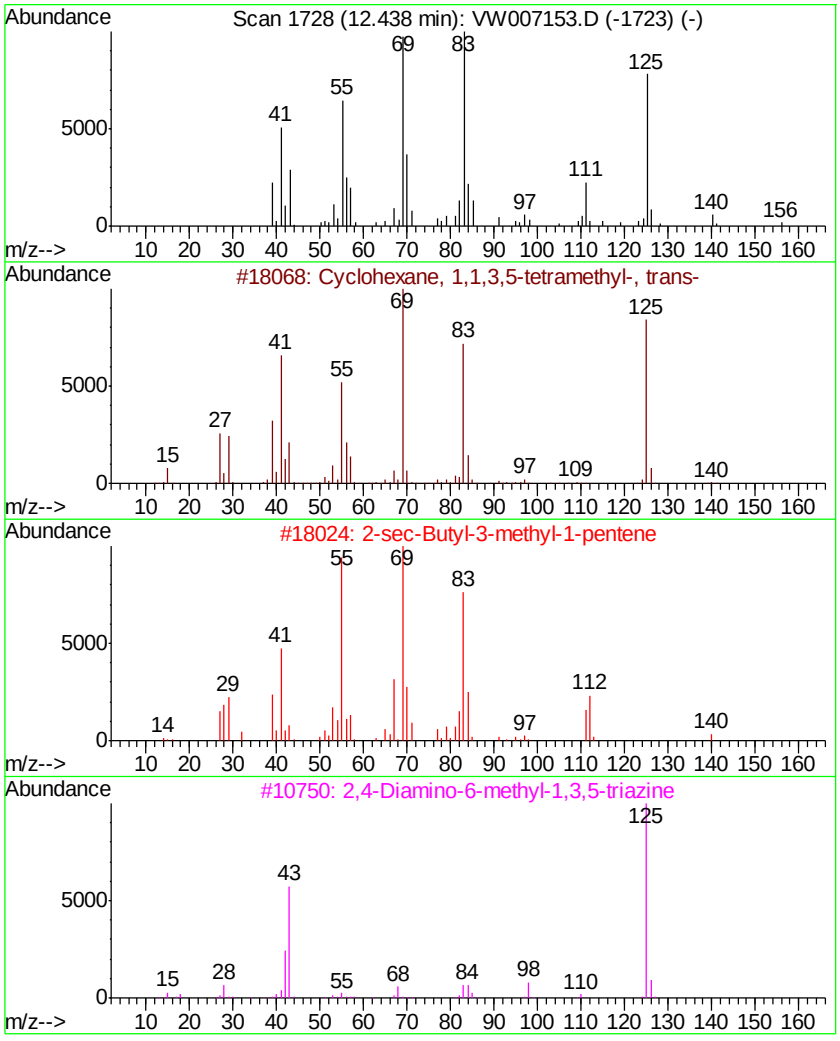
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

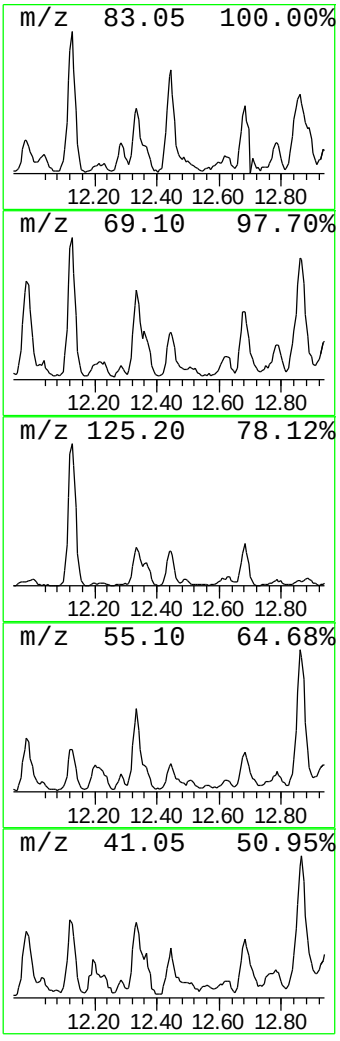
****

Peak Number 12 (DEL) Alkane: Cyclic12.44 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	4.47 ug/L	89988	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	53
2	2-sec-Butyl-3-methyl-1-pentene	140	C10H20	075144-24-0	52
3	2,4-Diamino-6-methyl-1,3,5-triazine	125	C4H7N5	000542-02-9	27
4	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	27
5	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	25





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Data File : VW007153.D
Acq On : 30 Nov 2018 20:15
Operator : SY/AP
Sample : J6077-17
Misc : 6.11G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9Y37

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis

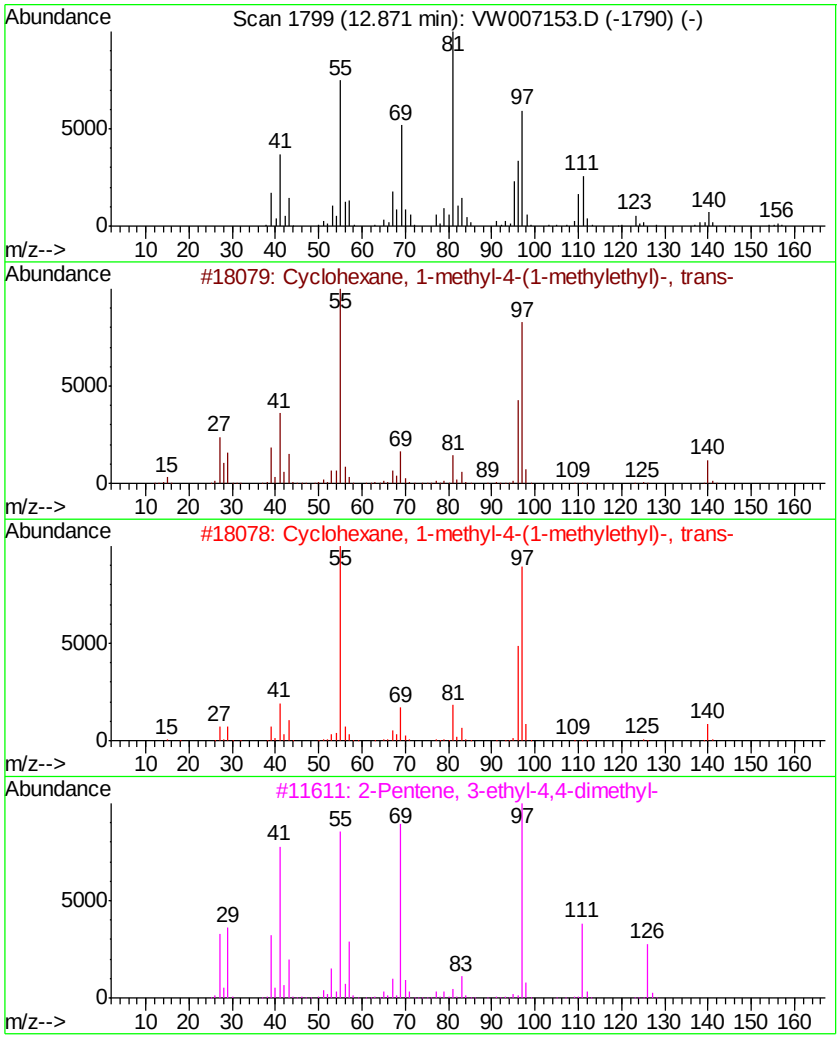
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

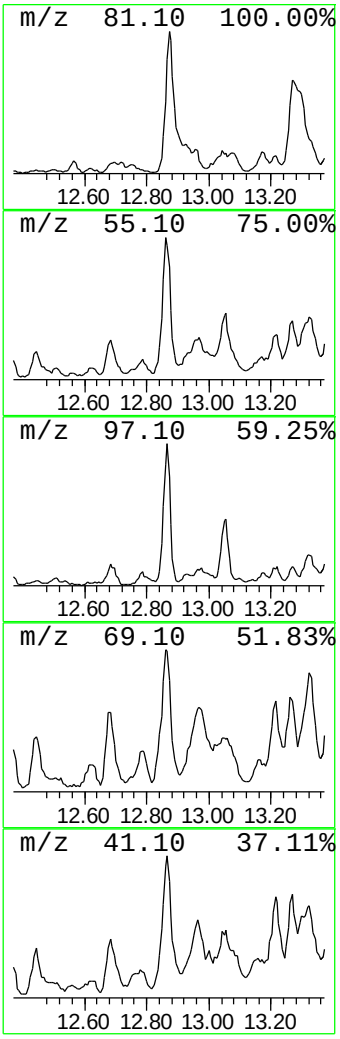
****

Peak Number 14 (DEL) Alkane: Cyclic12.87 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	12.37 ug/L	277506	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	38
2	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	38
3	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	38
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	38
5	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	35





Library Search Compound Report

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Data File : VW007153.D
Acq On : 30 Nov 2018 20:15
Operator : SY/AP
Sample : J6077-17
Misc : 6.11G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9Y37

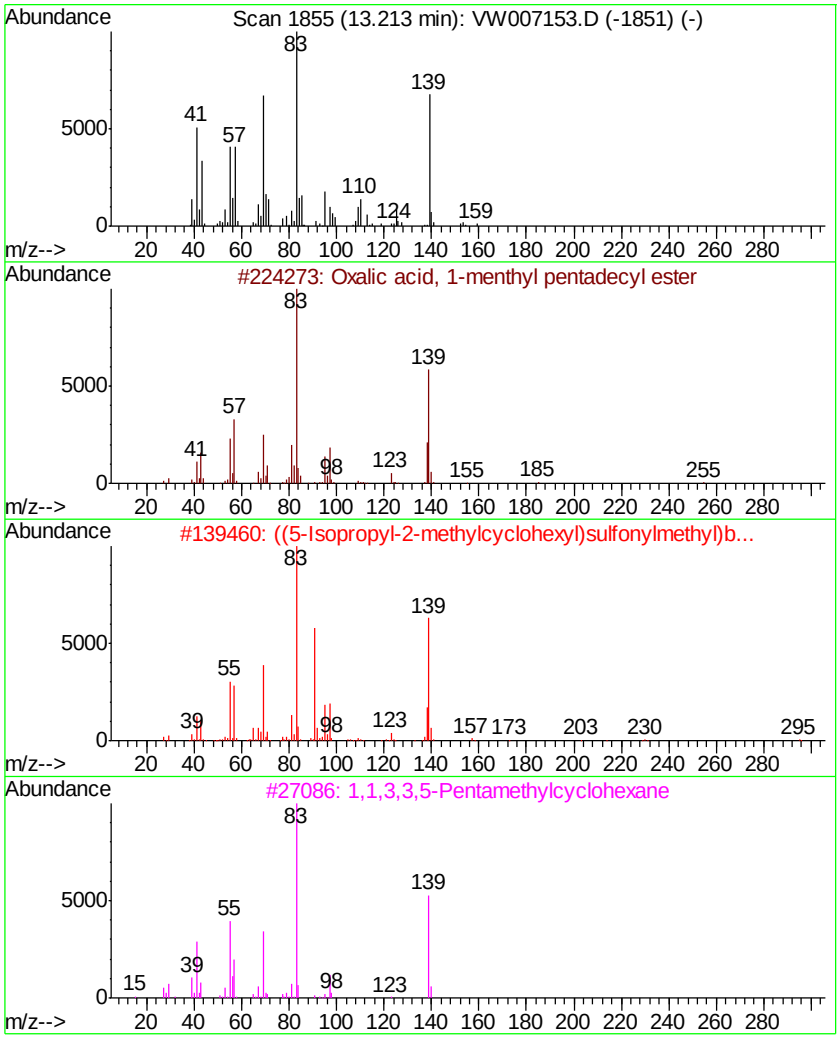
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis

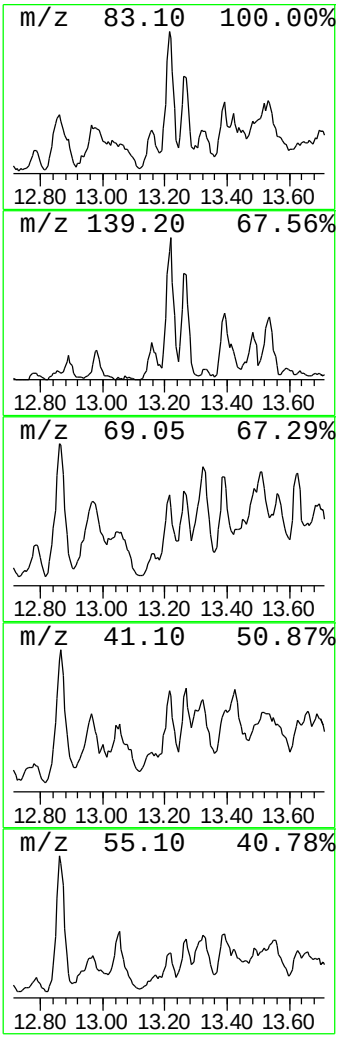
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Oxalic acid, 1-menthyl pent... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	3.31 ug/L	74318	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, 1-menthyl pentadecy...	438	C27H50O4	1000314-98-2	64
2	((5-Isopropyl-2-methylcyclohexyl...	294	C17H26O2S	093542-25-7	53
3	1,1,3,3,5-Pentamethylcyclohexane	154	C11H22	070810-19-4	53
4	Oxalic acid, decyl 1-menthyl ester	368	C22H40O4	1000314-97-8	45
5	Cyclohexanol, 5-methyl-2-(1-meth...	358	C20H38O3S	026510-92-9	45





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Data File : VW007153.D
Acq On : 30 Nov 2018 20:15
Operator : SY/AP
Sample : J6077-17
Misc : 6.11G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9Y37

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis

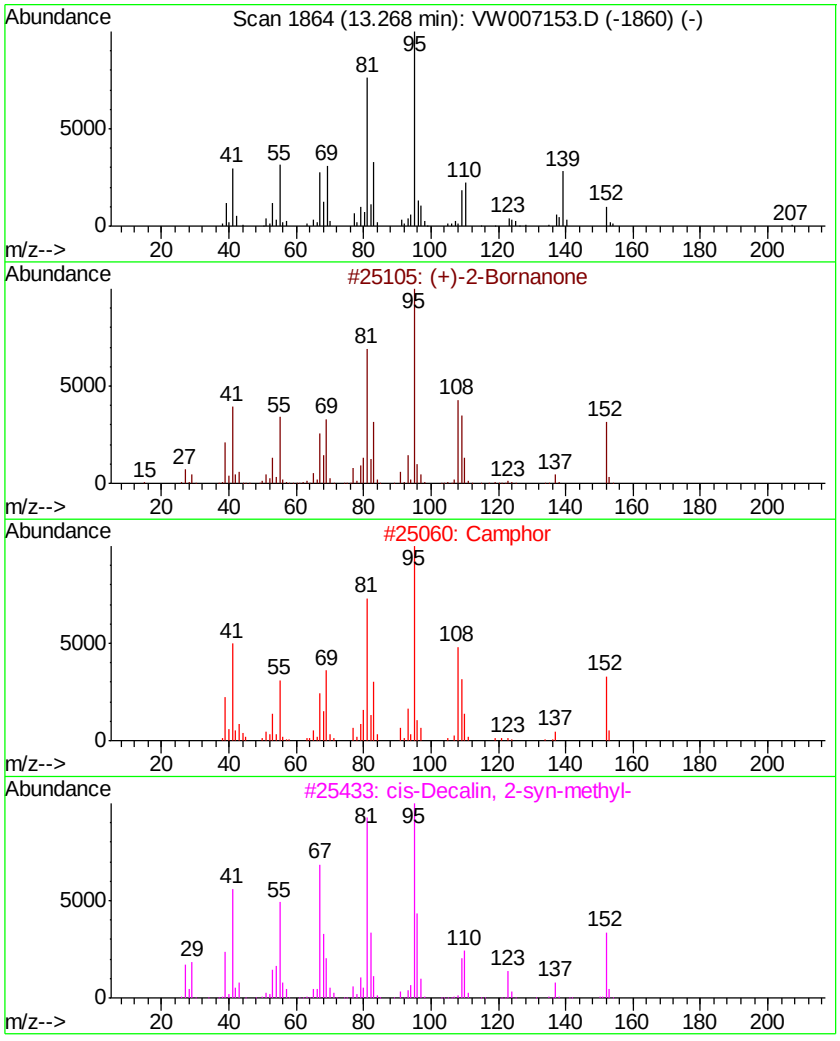
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

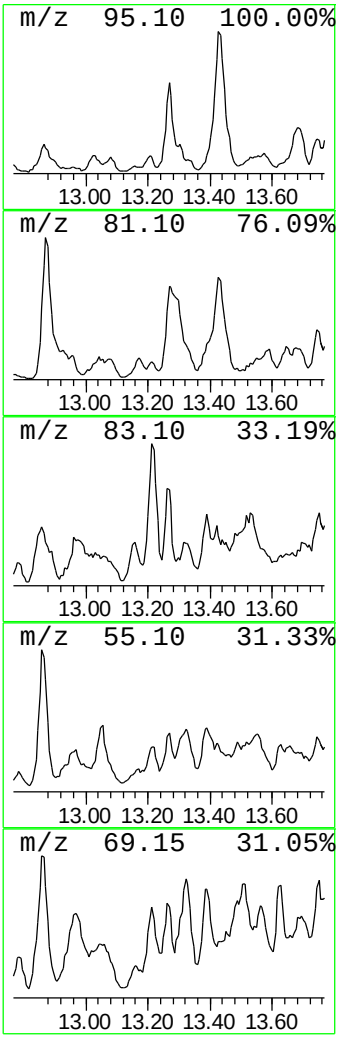
****

Peak Number 16 (+)-2-Bornanone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	4.86 ug/L	108954	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-2-Bornanone	152	C10H16O	000464-49-3	80
2	Camphor	152	C10H16O	000076-22-2	80
3	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	72
4	Cyclopropane, 1-(1-methylethyl)-...	152	C11H20	056259-17-7	38
5	4-Ethylcyclohexene	110	C8H14	003742-42-5	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW113018\
Data File : VW007153.D
Acq On : 30 Nov 2018 20:15
Operator : SY/AP
Sample : J6077-17
Misc : 6.11G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9Y37

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis

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

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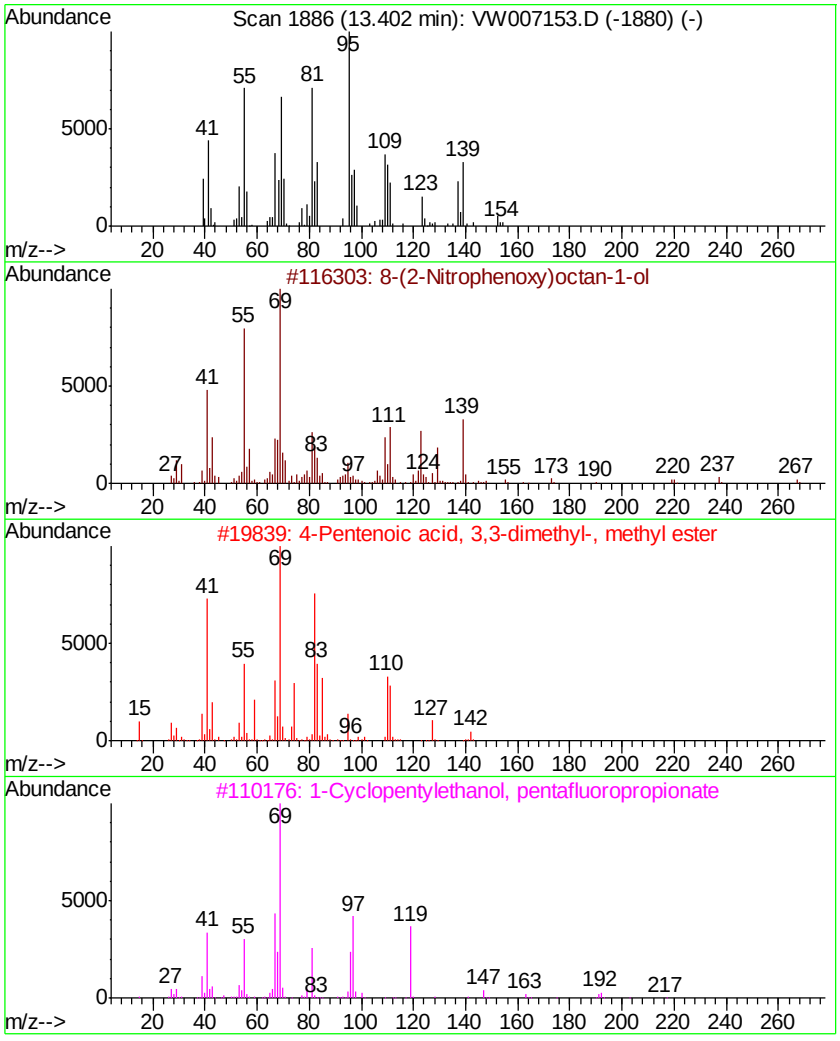
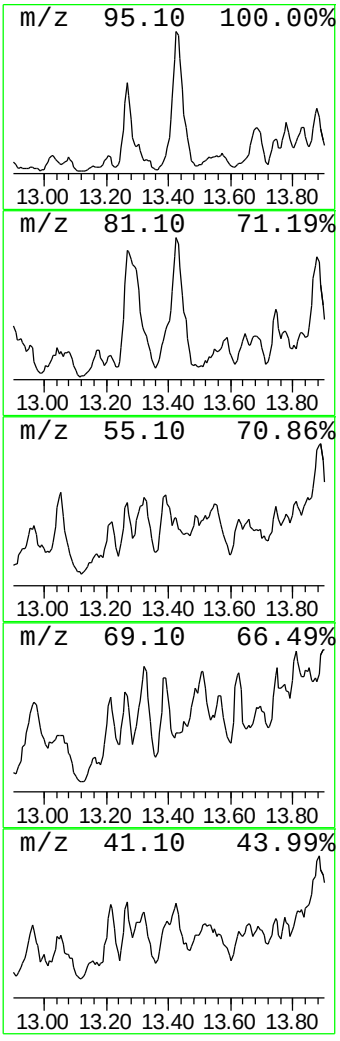
Peak Number 17 unknown-02 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	3.19 ug/L	71621	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-(2-Nitrophenoxy)octan-1-ol	267	C14H21NO4	167685-26-9	38
2	4-Pentenoic acid, 3,3-dimethyl-,...	142	C8H14O2	063721-05-1	35
3	1-Cyclopentylethanol, pentafluor...	260	C10H13F5O2	1000364-12-0	27
4	1-Cyclopentylethanol, trifluoroa...	210	C9H13F3O2	1000364-11-9	27
5	(-)-trans-Pinane	138	C10H18	033626-25-4	22





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Data File : VW007153.D
Acq On : 30 Nov 2018 20:15
Operator : SY/AP
Sample : J6077-17
Misc : 6.11G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9Y37

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis

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

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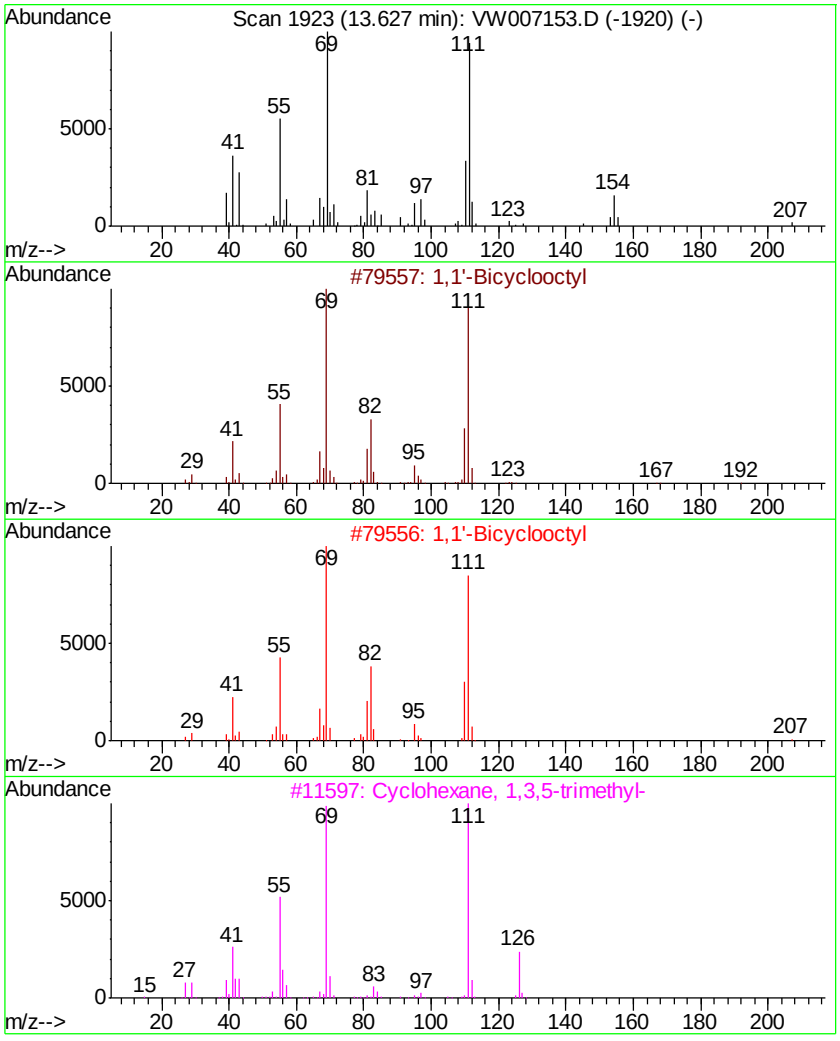
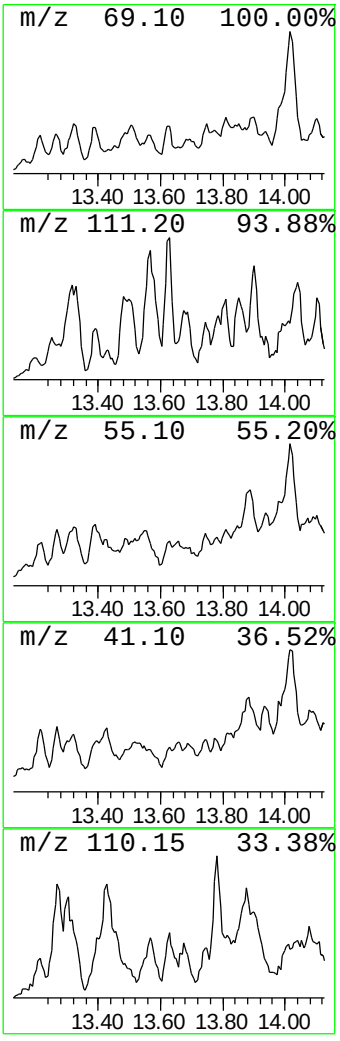
Peak Number 18 1,1'-Bicyclooctyl Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	1.42 ug/L	31956	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Bicyclooctyl	222	C16H30	006708-17-4	80
2	1,1'-Bicyclooctyl	222	C16H30	006708-17-4	80
3	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	59
4	Cyclohexane, 1,4-dimethyl-2-(2-m...	168	C12H24	054411-17-5	59
5	Cyclooctane, butyl-	168	C12H24	016538-93-5	59





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Data File : VW007153.D
Acq On : 30 Nov 2018 20:15
Operator : SY/AP
Sample : J6077-17
Misc : 6.11G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9Y37

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis

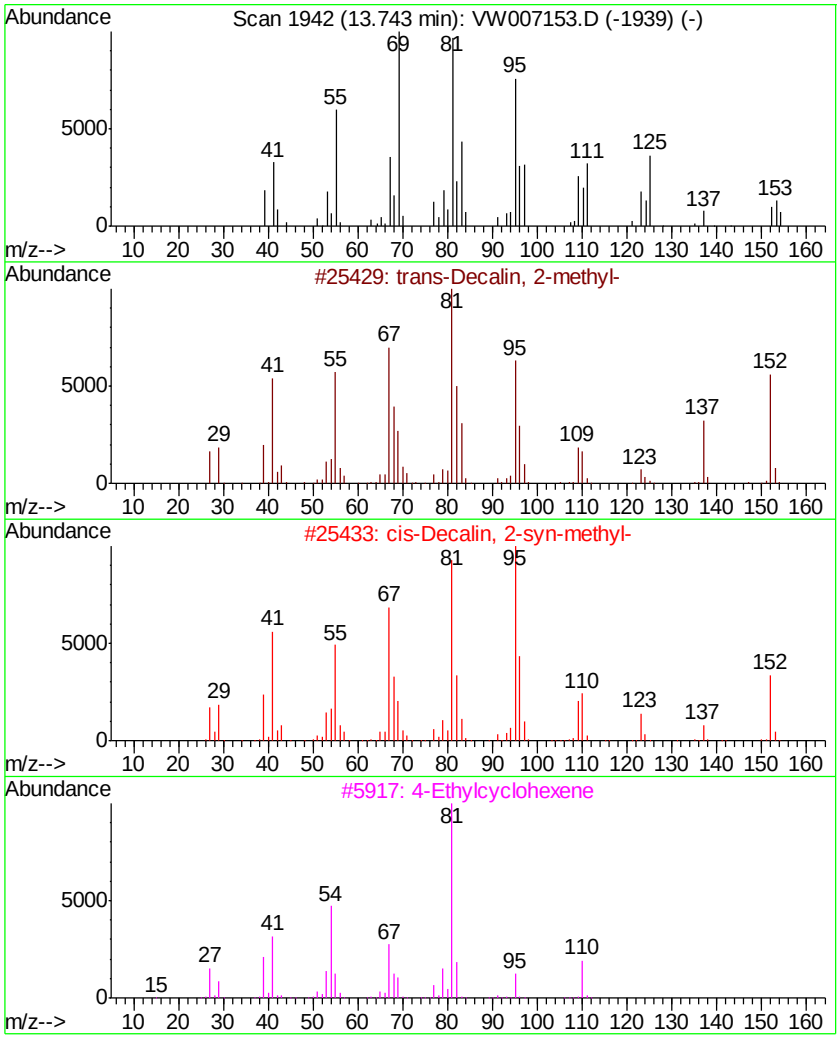
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

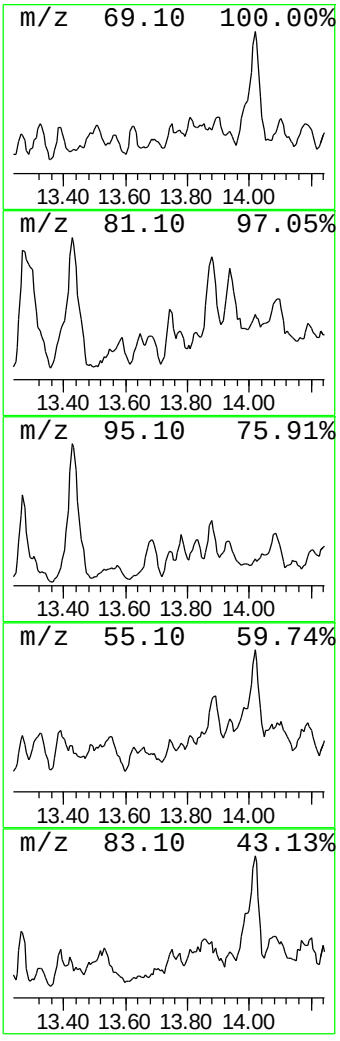
****

Peak Number 19 unknown-03 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	2.13 ug/L	47853	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	49
2	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	38
3	4-Ethylcyclohexene	110	C8H14	003742-42-5	35
4	1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	25
5	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004755-33-3	22





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW113018\
Data File : VW007153.D
Acq On : 30 Nov 2018 20:15
Operator : SY/AP
Sample : J6077-17
Misc : 6.11G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9Y37

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis

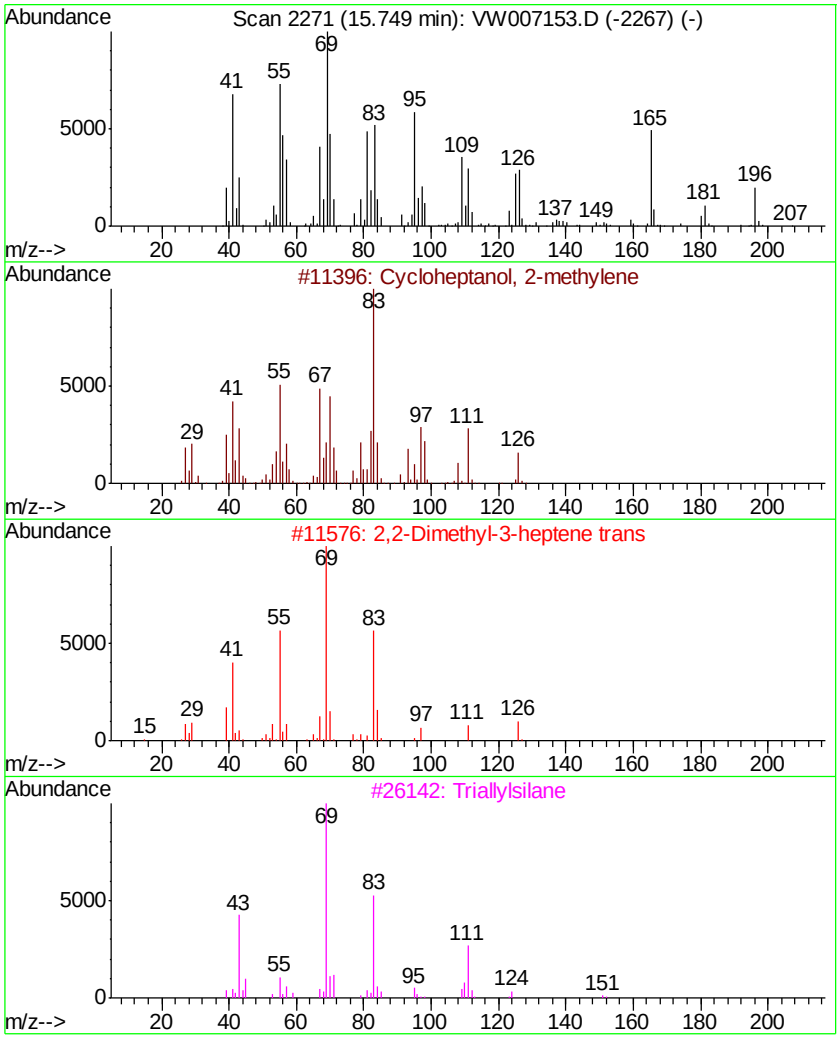
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

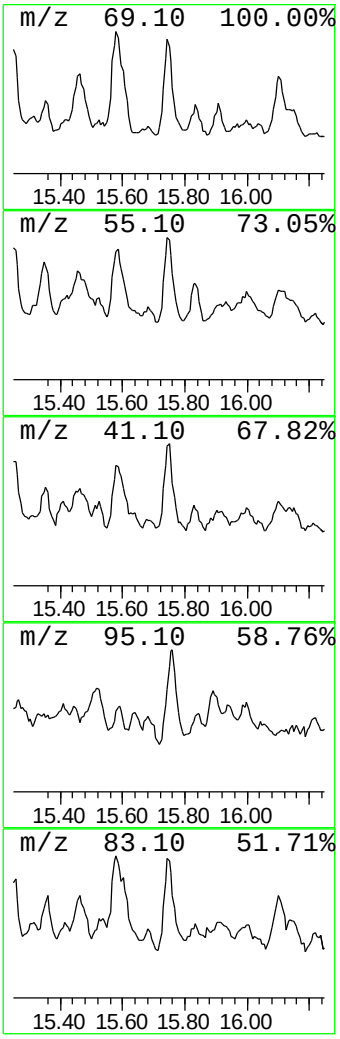
****

Peak Number 20 unknown-04 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	16.65 ug/L	373425	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloheptanol, 2-methylene	126	C8H14O	016240-38-3	48
2	2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	43
3	Triallylsilane	152	C9H16Si	001116-62-7	41
4	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	38
5	Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW113018\
Data File : VW007153.D
Acq On : 30 Nov 2018 20:15
Operator : SY/AP
Sample : J6077-17
Misc : 6.11G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9Y37

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.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: Cyc...	10.21	4.6	ug/L	66555	1	8.85	360218	25.0
(DEL) Alkane: Cyc...	11.85	1.4	ug/L	27874	2	11.63	503474	25.0
(DEL) Alkane: Cyc...	11.98	5.4	ug/L	109349	2	11.63	503474	25.0
Zinc, bis[2-(1,1-...	12.13	5.2	ug/L	105136	2	11.63	503474	25.0
(DEL) Alkane: Cyc...	12.19	2.2	ug/L	44025	2	11.63	503474	25.0
(DEL) Alkane: Cyc...	12.33	5.1	ug/L	102611	2	11.63	503474	25.0
(DEL) Alkane: Cyc...	12.44	4.5	ug/L	89988	2	11.63	503474	25.0
(DEL) Alkane: Cyc...	12.87	12.4	ug/L	277506	3	13.56	560817	25.0
Oxalic acid, 1-me...	13.21	3.3	ug/L	74318	3	13.56	560817	25.0
(+)-2-Bornanone	13.27	4.9	ug/L	108954	3	13.56	560817	25.0
unknown-02	13.40	3.2	ug/L	71621	3	13.56	560817	25.0
1,1'-Bicyclooctyl	13.63	1.4	ug/L	31956	3	13.56	560817	25.0
unknown-03	13.74	2.1	ug/L	47853	3	13.56	560817	25.0
unknown-04	15.75	16.6	ug/L	373425	3	13.56	560817	25.0