LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040821\
Data File : VD068790.D
Acq On : 08 Apr 2021 15:40
Operator : VA/SY
Sample : M1979-17
Misc : 4.90G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : S-17

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_D\Method\82D040721S.M
Title : SW846 8260

Signal : TIC: VD068790.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.967	508	518	520	rBV3	34563	79342	2.82%	0.363%
2	6.003	684	694	702	rVB7	11037	33030	1.18%	0.151%
3	7.920	1009	1020	1025	rBV2	357352	874548	31.14%	4.006%
4	7.979	1025	1030	1042	rVB	614013	1359351	48.40%	6.227%
5	8.332	1077	1090	1101	rBV	265040	613821	21.85%	2.812%
6	8.508	1110	1120	1128	rBV	93957	227608	8.10%	1.043%
7	8.867	1170	1181	1192	rBV	948943	1888022	67.22%	8.648%
8	9.355	1250	1264	1268	rBV5	37087	89164	3.17%	0.408%
9	9.408	1268	1273	1279	rVB2	45309	86409	3.08%	0.396%
10	9.626	1305	1310	1317	rVB6	14762	35149	1.25%	0.161%
11	9.779	1329	1336	1347	rBV	84055	173163	6.17%	0.793%
12	9.914	1351	1359	1366	rBV2	77111	168722	6.01%	0.773%
13	10.014	1371	1376	1383	rVB3	26567	51329	1.83%	0.235%
14	10.114	1385	1393	1404	rVB4	50554	145341	5.17%	0.666%
15	10.267	1406	1419	1424	rBV2	91229	183541	6.53%	0.841%
16	10.338	1424	1431	1445	rVV	1530512	2808607	100.00%	12.865%
17	10.461	1448	1452	1456	rVV6	16595	29375	1.05%	0.135%
18	10.502	1456	1459	1469	rVB3	30126	63939	2.28%	0.293%
19	10.638	1473	1482	1484	rBV10	16431	29149	1.04%	0.134%
20	10.679	1484	1489	1492	rVV3	30998	53561	1.91%	0.245%
21	10.720	1492	1496	1502	rVV	95861	181743	6.47%	0.833%
22	10.779	1502	1506	1516	rVV6	49018	131714	4.69%	0.603%
23	10.861	1516	1520	1526	rVB3	32846	61667	2.20%	0.282%
24	10.955	1526	1536	1541	rBV3	47447	98041	3.49%	0.449%
25	11.055	1547	1553	1556	rBV	63173	113761	4.05%	0.521%
26	11.244	1578	1585	1591	rBV2	109424	217750	7.75%	0.997%
27	11.296	1591	1594	1598	rVV3	37035	60547	2.16%	0.277%
28	11.355	1598	1604	1608	rVV3	52861	104089	3.71%	0.477%
29	11.420	1608	1615	1617	rVV6	48546	117124	4.17%	0.537%
30	11.449	1617	1620	1628	rVB2	80449	159778	5.69%	0.732%
31	11.526	1628	1633	1637	rBV2	37763	62776	2.24%	0.288%
32	11.643	1645	1653	1662	rBV	1507147	2597513	92.48%	11.898%
33	11.779	1672	1676	1679	rBV3	35463	49715	1.77%	0.228%
34	11.826	1679	1684	1689	rVV5	42191	82065	2.92%	0.376%
35	11.885	1689	1694	1699	rVV2	112531	213402	7.60%	0.978%
36	11.932	1699	1702	1707	rVB3	72886	112623	4.01%	0.516%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040821\
Data File : VD068790.D
Acq On : 08 Apr 2021 15:40
Operator : VA/SY
Sample : M1979-17
Misc : 4.90G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : S-17

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_D\Method\82D040721S.M
Title : SW846 8260

37	12.149	1732	1739	1745	rBV4	141342	327025	11.64%	1.498%
38	12.267	1755	1759	1763	rVB	78077	119576	4.26%	0.548%
39	12.361	1763	1775	1777	rBV5	94929	283689	10.10%	1.299%
40	12.632	1813	1821	1828	rVB	1297745	2293988	81.68%	10.508%
41	12.720	1829	1836	1840	rBV7	62316	157297	5.60%	0.721%
42	12.796	1840	1849	1856	rVB8	110349	365564	13.02%	1.675%
43	12.885	1858	1864	1865	rBV5	25700	48998	1.74%	0.224%
44	12.955	1870	1876	1882	rBV8	78550	177030	6.30%	0.811%
45	13.090	1895	1899	1904	rVB6	54413	86050	3.06%	0.394%
46	13.143	1904	1908	1911	rBV4	55101	85909	3.06%	0.394%
47	13.179	1911	1914	1917	rBV2	78225	113340	4.04%	0.519%
48	13.308	1932	1936	1941	rBV2	65836	107791	3.84%	0.494%
49	13.402	1948	1952	1953	rBV4	34473	48589	1.73%	0.223%
50	13.426	1954	1956	1960	rVB3	31934	47222	1.68%	0.216%
51	13.502	1965	1969	1972	rVV5	46656	77736	2.77%	0.356%
52	13.573	1973	1981	1986	rVV	1589529	2655357	94.54%	12.163%
53	13.620	1986	1989	1999	rVB3	96205	219155	7.80%	1.004%
54	13.779	2014	2016	2022	rBV4	29926	41705	1.48%	0.191%
55	13.890	2031	2035	2041	rBV3	113614	197981	7.05%	0.907%
56	13.996	2049	2053	2057	rBV6	23874	35216	1.25%	0.161%
57	14.214	2086	2090	2095	rBV7	25788	44873	1.60%	0.206%
58	14.279	2095	2101	2107	rBV10	51559	99023	3.53%	0.454%
59	14.402	2107	2122	2125	rBV7	93835	248508	8.85%	1.138%
60	14.561	2139	2149	2154	rBV5	61303	199128	7.09%	0.912%
61	14.614	2154	2158	2166	rVB8	47164	97254	3.46%	0.445%
62	14.820	2189	2193	2197	rBV7	26955	58568	2.09%	0.268%
63	14.861	2197	2200	2207	rVB4	61835	112747	4.01%	0.516%
64	15.155	2245	2250	2254	rBV7	22869	51472	1.83%	0.236%
65	15.361	2280	2285	2293	rBV5	35914	72524	2.58%	0.332%

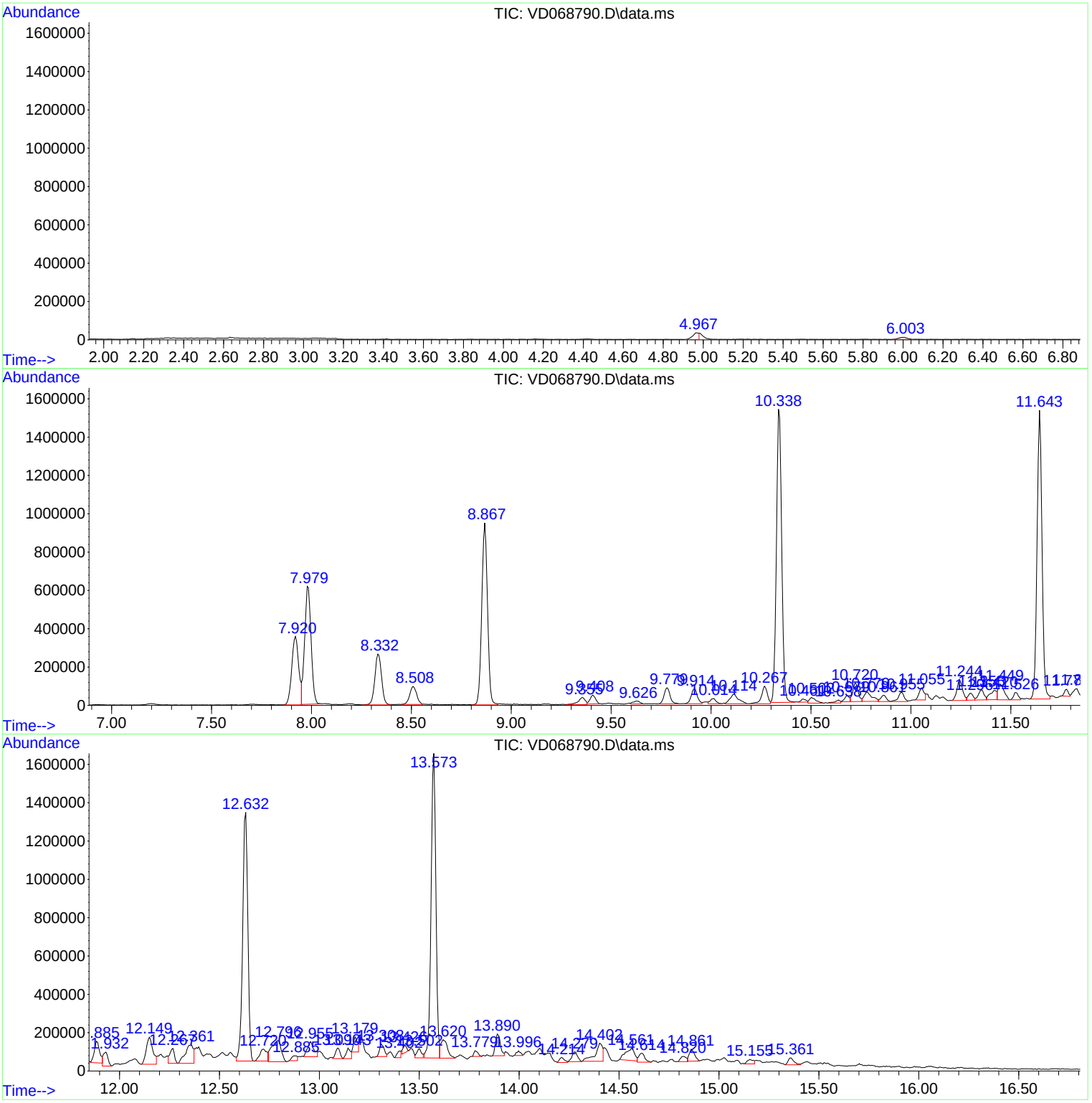
Sum of corrected areas: 21830794

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040821\
Data File : VD068790.D
Acq On : 08 Apr 2021 15:40
Operator : VA/SY
Sample : M1979-17
Misc : 4.90G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
S-17

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040821\
Data File : VD068790.D
Acq On : 08 Apr 2021 15:40
Operator : VA/SY
Sample : M1979-17
Misc : 4.90G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
S-17

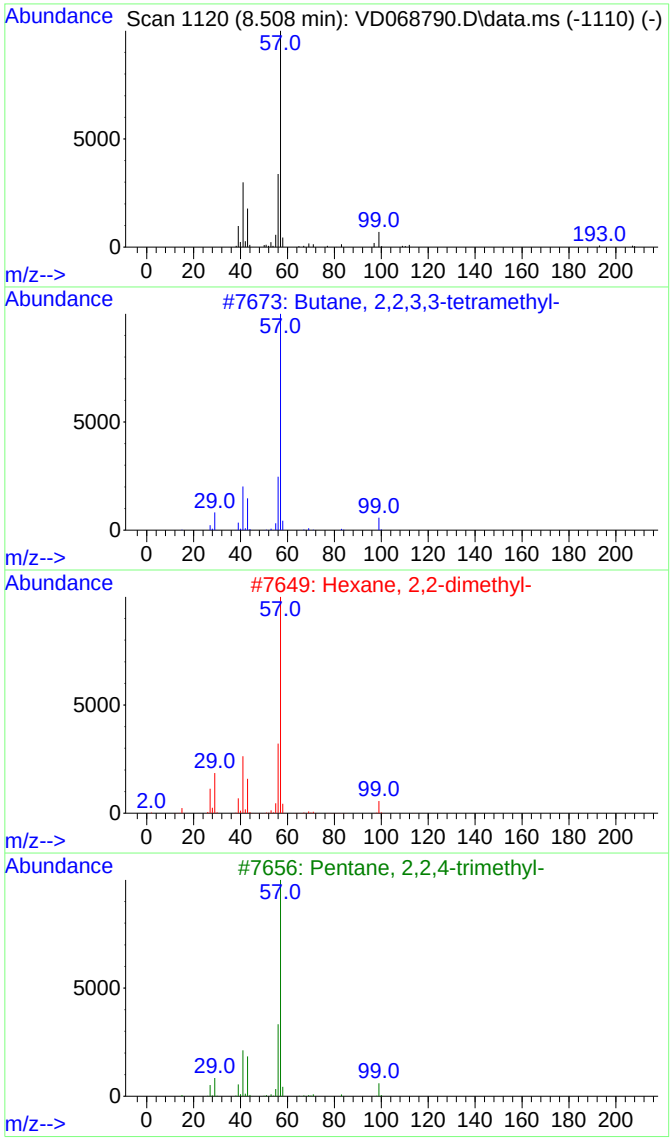
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260

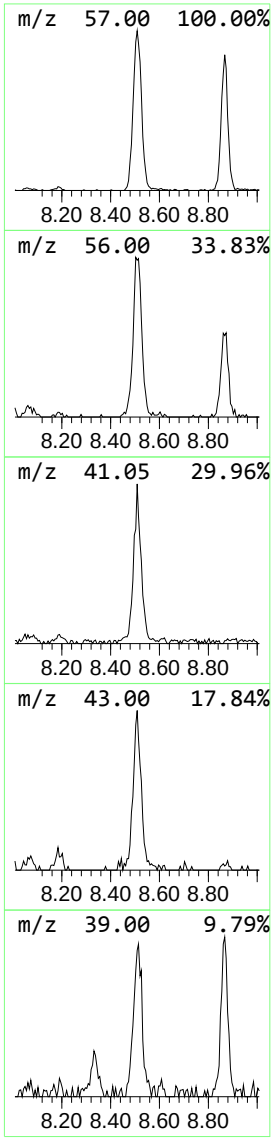
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2,2,3,3-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.508	6.03 ug/l	227608	1,4-Difluorobenzene	8.867

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	64
2	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	64
3	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	64
4	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59
5	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040821\
Data File : VD068790.D
Acq On : 08 Apr 2021 15:40
Operator : VA/SY
Sample : M1979-17
Misc : 4.90G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
S-17

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260

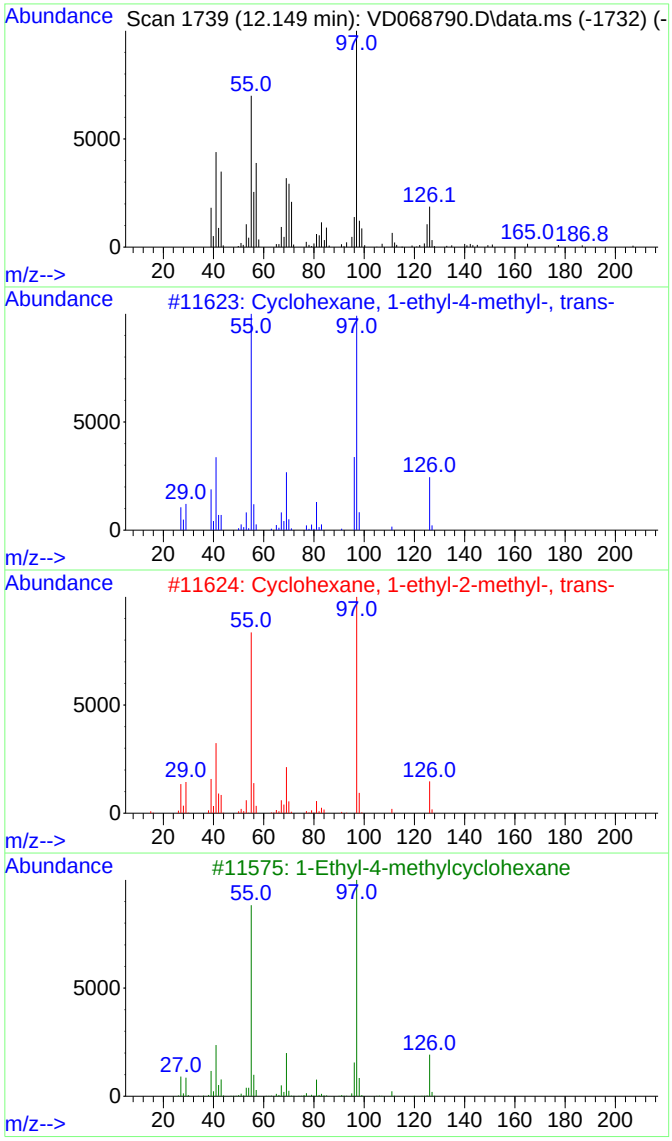
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

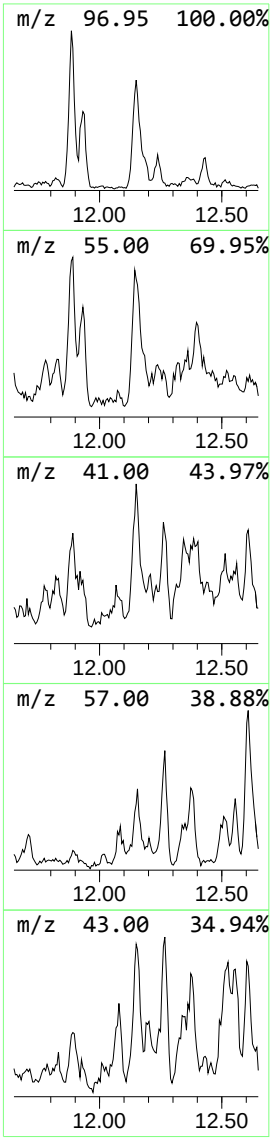
****

Peak Number 2 unknown12.149 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.149	6.29 ug/l	327025	Chlorobenzene-d5	11.644

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	49
2	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	49
3	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	49
4	2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	49
5	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040821\
Data File : VD068790.D
Acq On : 08 Apr 2021 15:40
Operator : VA/SY
Sample : M1979-17
Misc : 4.90G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
S-17

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260

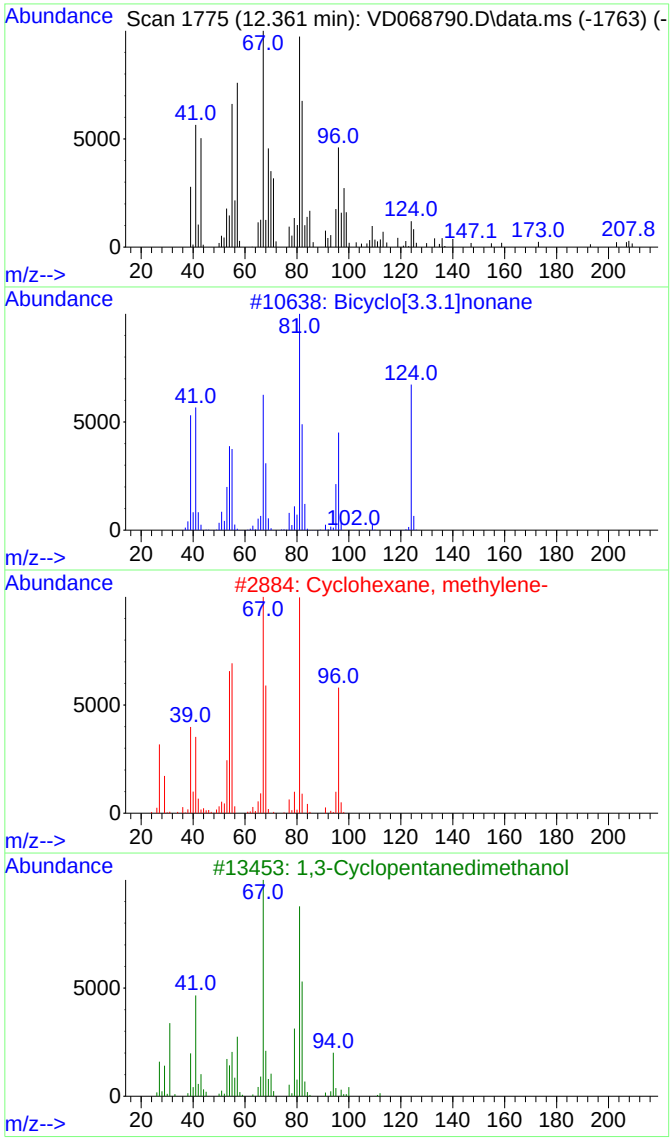
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

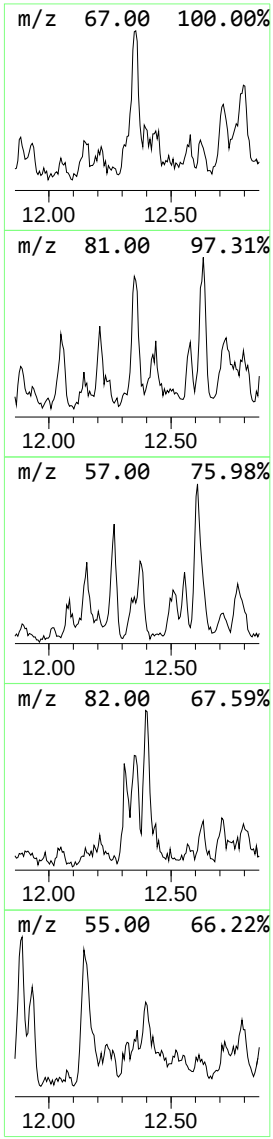
****

Peak Number 3 Bicyclo[3.3.1]nonane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.361	5.46 ug/l	283689	Chlorobenzene-d5	11.644

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	62
2	Cyclohexane, methylene-	96	C7H12	001192-37-6	52
3	1,3-Cyclopentanedimethanol	130	C7H14O2	034957-72-7	50
4	Cyclohexene,3-propyl-	124	C9H16	003983-06-0	43
5	1,4-Hexadiene, (Z)-	82	C6H10	007318-67-4	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040821\
Data File : VD068790.D
Acq On : 08 Apr 2021 15:40
Operator : VA/SY
Sample : M1979-17
Misc : 4.90G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
S-17

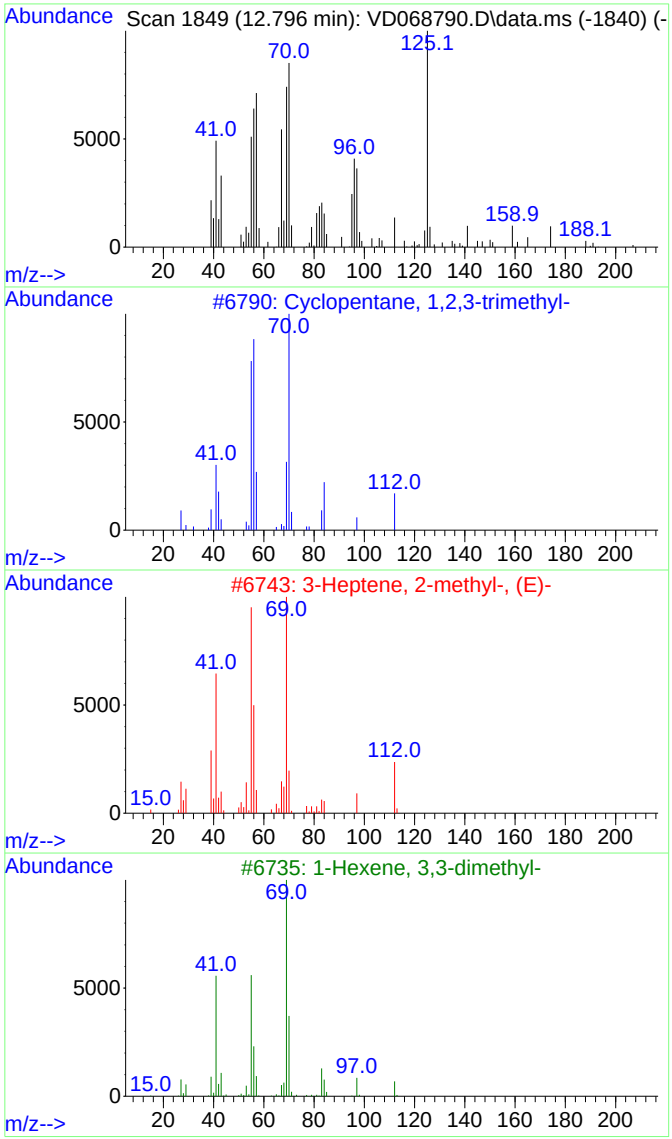
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260

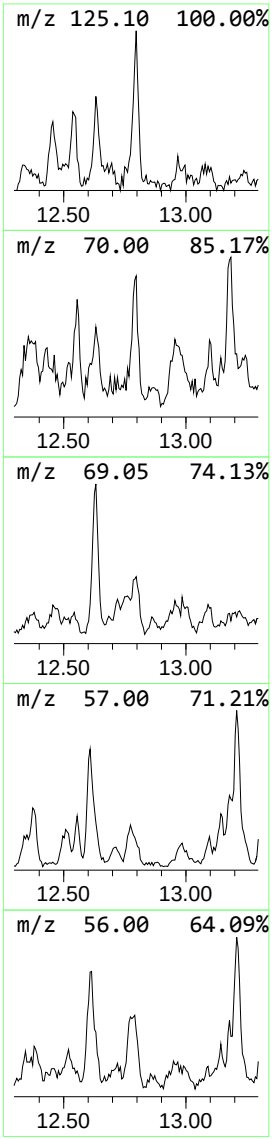
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 unknown12.796 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.796	6.88 ug/l	365564	1,4-Dichlorobenzene-d4	13.573

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	20
2	3-Heptene, 2-methyl-, (E)-	112	C8H16	000692-96-6	18
3	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	18
4	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	18
5	7-Tetradecanol	214	C14H30O	003981-79-1	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040821\
Data File : VD068790.D
Acq On : 08 Apr 2021 15:40
Operator : VA/SY
Sample : M1979-17
Misc : 4.90G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : S-17

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2,2,3,3...	8.508	6.0	ug/l	227608	2	8.867	1888020	50.0
unknown12.149	12.149	6.3	ug/l	327025	3	11.644	2597510	50.0
Bicyclo[3.3.1]n...	12.361	5.5	ug/l	283689	3	11.644	2597510	50.0
unknown12.796	12.796	6.9	ug/l	365564	4	13.573	2655360	50.0