LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041320\
Data File : VD065625.D
Acq On : 13 Apr 2020 19:10
Operator : VA/SY
Sample : L2230-03
Misc : 7.41G/5.00ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TP-3

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\82D040920S.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.956	3	6	21	rVB	453907	635568	21.87%	3.337%
2	7.920	1008	1020	1025	rBV	387711	920332	31.67%	4.832%
3	7.985	1025	1031	1040	rVB	478686	1058382	36.42%	5.557%
4	8.338	1081	1091	1101	rBV	290864	657194	22.61%	3.451%
5	8.867	1172	1181	1200	rBV	864199	1743885	60.01%	9.156%
6	9.326	1249	1259	1261	rBV6	21361	44299	1.52%	0.233%
7	9.632	1299	1311	1321	rBV6	25487	65216	2.24%	0.342%
8	9.920	1353	1360	1364	rBV4	16206	31869	1.10%	0.167%
9	10.103	1382	1391	1396	rBV6	31226	71340	2.45%	0.375%
10	10.144	1396	1398	1406	rVB3	17161	30851	1.06%	0.162%
11	10.255	1408	1417	1424	rBV8	9936	29124	1.00%	0.153%
12	10.344	1424	1432	1448	rBV	1546357	2906089	100.00%	15.258%
13	10.514	1454	1461	1470	rVB3	78349	204274	7.03%	1.073%
14	10.644	1472	1483	1485	rBV6	20698	52265	1.80%	0.274%
15	10.685	1485	1490	1496	rVB2	86099	152114	5.23%	0.799%
16	10.779	1500	1506	1511	rBV3	77703	154761	5.33%	0.813%
17	10.867	1517	1521	1526	rVB3	21540	36573	1.26%	0.192%
18	11.055	1548	1553	1561	rVB2	30536	69237	2.38%	0.364%
19	11.132	1561	1566	1568	rBV3	29695	51822	1.78%	0.272%
20	11.161	1568	1571	1575	rVV2	21107	29759	1.02%	0.156%
21	11.249	1580	1586	1591	rVV	192391	353927	12.18%	1.858%
22	11.302	1591	1595	1599	rVV3	41815	72774	2.50%	0.382%
23	11.355	1599	1604	1608	rVV4	49821	97434	3.35%	0.512%
24	11.397	1608	1611	1615	rVV5	25055	48259	1.66%	0.253%
25	11.455	1615	1621	1629	rVB3	85262	180410	6.21%	0.947%
26	11.526	1629	1633	1638	rBV3	27583	43930	1.51%	0.231%
27	11.649	1646	1654	1663	rBV	1466346	2505252	86.21%	13.154%
28	11.738	1666	1669	1673	rVV2	19286	29755	1.02%	0.156%
29	11.785	1673	1677	1680	rVV3	41345	58132	2.00%	0.305%
30	11.832	1680	1685	1688	rVV5	32906	63144	2.17%	0.332%
31	11.891	1691	1695	1708	rVB3	120488	376272	12.95%	1.976%
32	11.997	1708	1713	1717	rBV4	19884	41306	1.42%	0.217%
33	12.055	1717	1723	1732	rVB4	50775	119590	4.12%	0.628%
34	12.161	1732	1741	1747	rBV4	125067	321022	11.05%	1.685%

LSC Area Percent Report

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Operator : VA/SY
Sample : L2230-03
Misc : 7.41G/5.00ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TP-3

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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040920S.M
Title : SW846 8260

35	12.320	1763	1768	1769	rBV3	38919	46453	1.60%	0.244%
36	12.361	1769	1775	1778	rBV2	102519	190934	6.57%	1.002%
37	12.638	1816	1822	1830	rBV	1215928	1949594	67.09%	10.236%
38	12.720	1830	1836	1841	rBV6	42983	90141	3.10%	0.473%
39	12.802	1845	1850	1858	rVB4	98416	194090	6.68%	1.019%
40	12.885	1858	1864	1868	rBV7	39943	93977	3.23%	0.493%
41	12.961	1870	1877	1885	rBV8	92490	226434	7.79%	1.189%
42	13.067	1891	1895	1899	rBV3	39776	72427	2.49%	0.380%
43	13.196	1913	1917	1920	rBV6	21321	36795	1.27%	0.193%
44	13.279	1926	1931	1935	rBV3	29450	56301	1.94%	0.296%
45	13.473	1958	1964	1968	rVV5	38765	85437	2.94%	0.449%
46	13.520	1969	1972	1976	rVV2	28521	45884	1.58%	0.241%
47	13.585	1976	1983	1992	rVB	1530993	2505979	86.23%	13.157%
48	13.902	2033	2037	2044	rBV4	61976	112792	3.88%	0.592%
49	14.120	2068	2074	2080	rVB8	19915	41334	1.42%	0.217%
50	14.291	2099	2103	2111	rVB8	20880	41383	1.42%	0.217%

Sum of corrected areas: 19046116

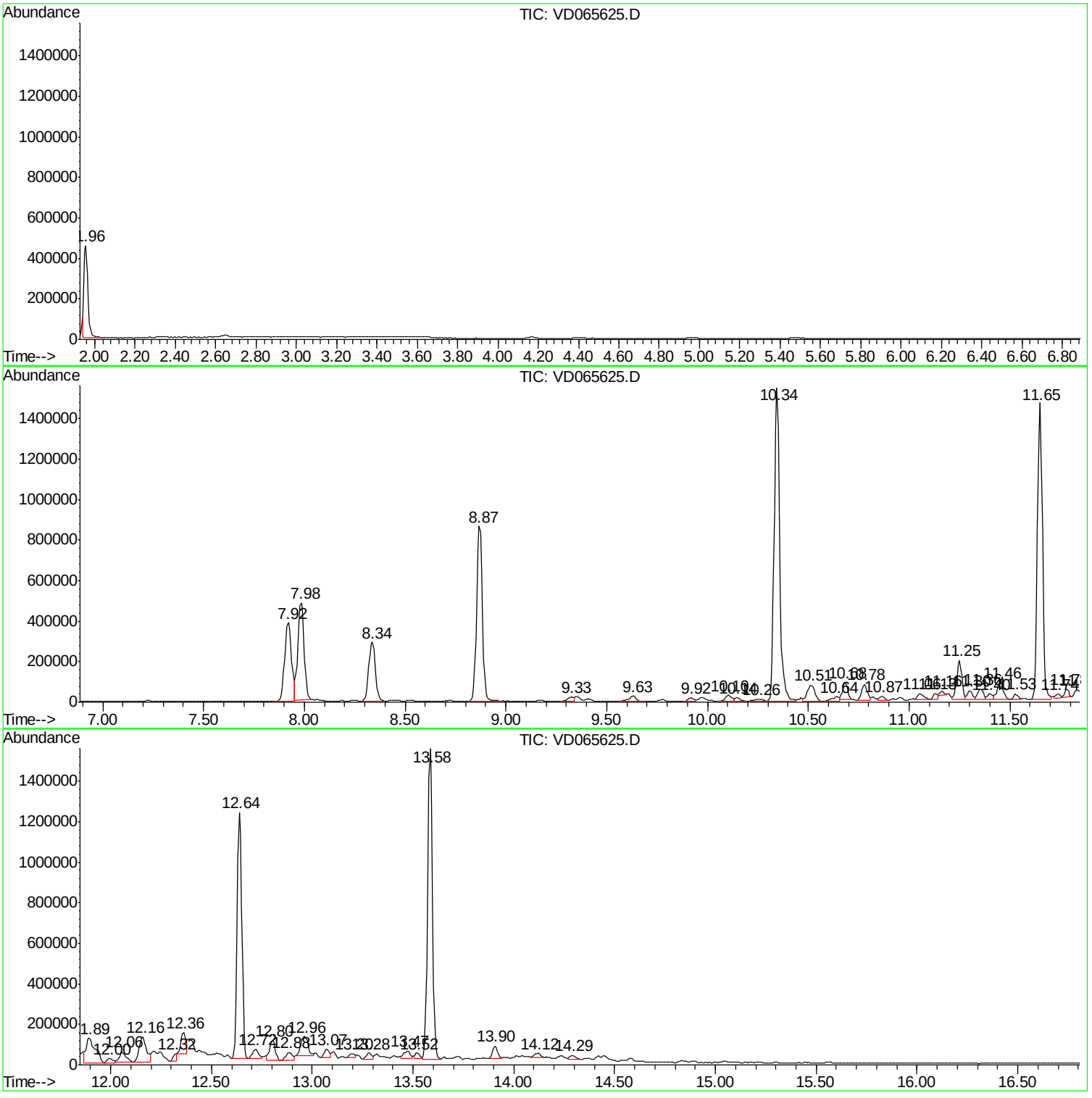
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD041320\
Data File : VD065625.D
Acq On : 13 Apr 2020 19:10
Operator : VA/SY
Sample : L2230-03
Misc : 7.41G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TP-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040920S.M
Quant Title : SW846 8260

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041320\
Data File : VD065625.D
Acq On : 13 Apr 2020 19:10
Operator : VA/SY
Sample : L2230-03
Misc : 7.41G/5.00ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TP-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040920S.M
Quant Title : SW846 8260

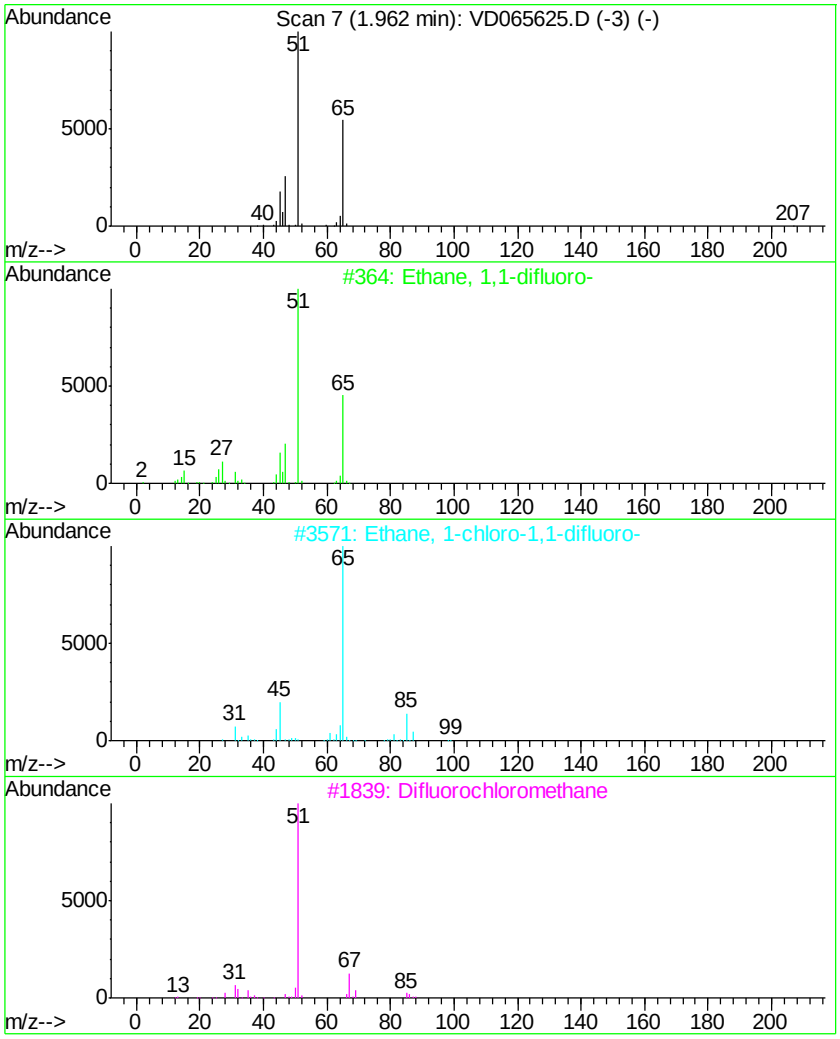
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

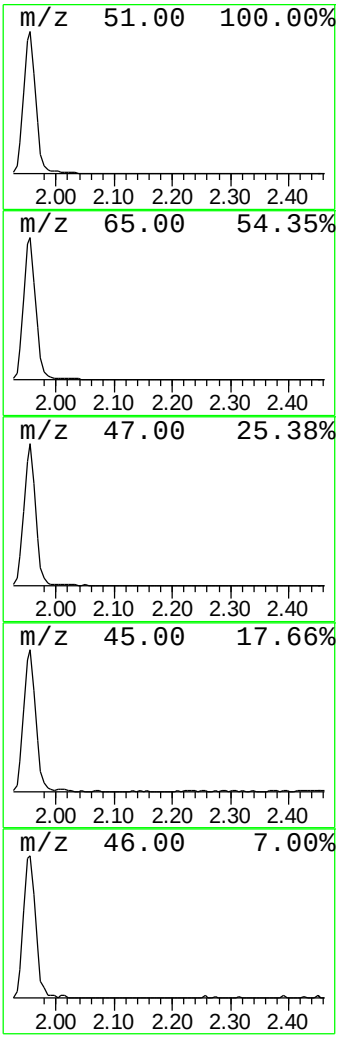
****

Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.96	30.03 ug/l	635568	Pentafluorobenzene	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	91
2	Ethane, 1-chloro-1,1-difluoro-	100	C2H3ClF2	000075-68-3	9
3	Difluorochloromethane	86	CHClF2	000075-45-6	4
4	2-p-Nitrobenzoyl-1,3,5-tribenzyl...	569	C33H31NO8	1000129-85-6	4
5	Ethanamine, N-chloro-N,1,1-trifl...	133	C2H3ClF3N	016276-45-2	4





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041320\
Data File : VD065625.D
Acq On : 13 Apr 2020 19:10
Operator : VA/SY
Sample : L2230-03
Misc : 7.41G/5.00ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TP-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040920S.M
Quant Title : SW846 8260

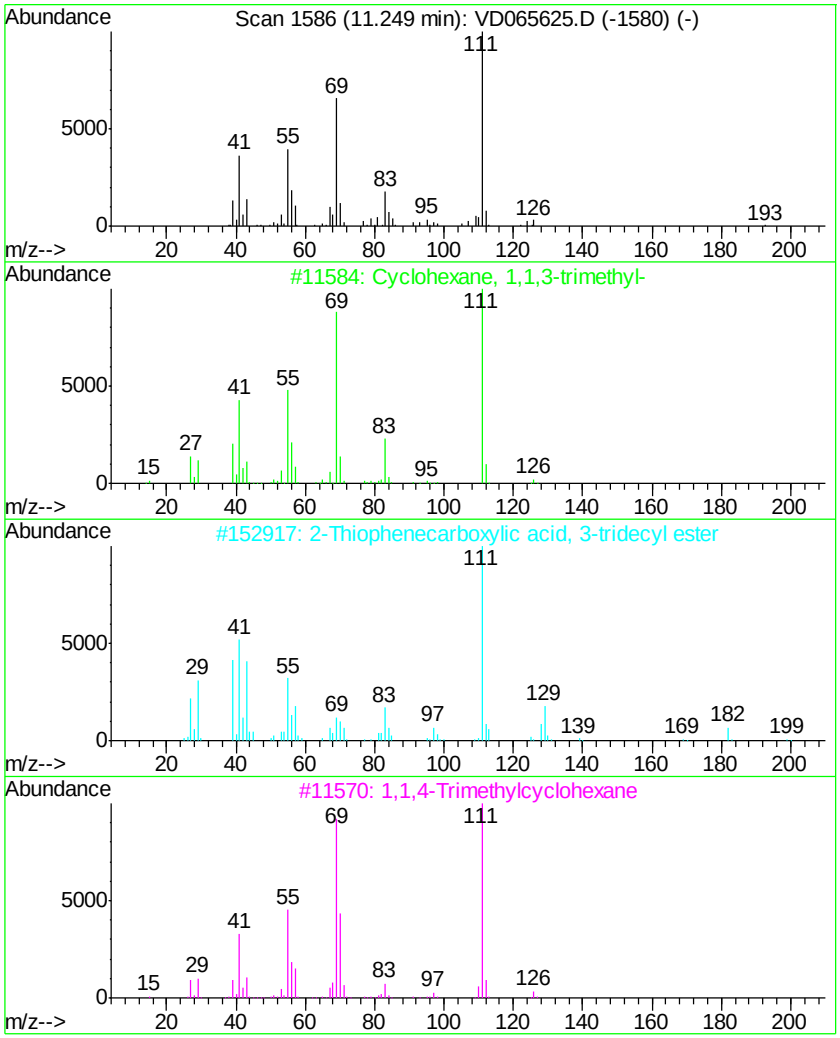
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

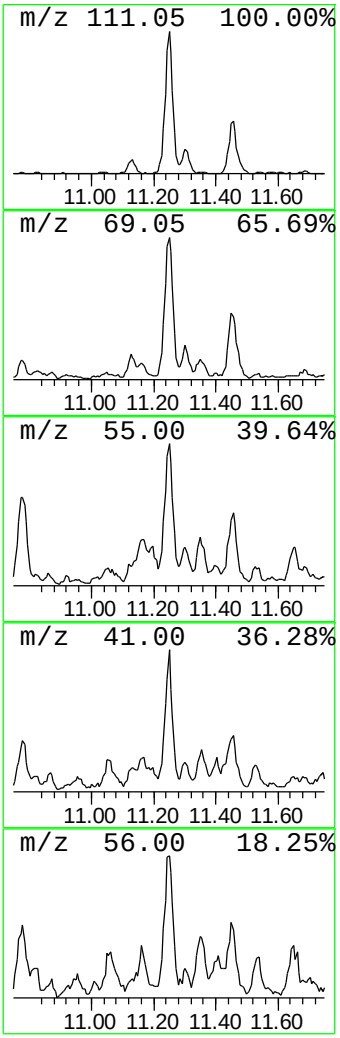
****

Peak Number 2 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	7.06 ug/l	353927	Chlorobenzene-d5	11.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	93
2	2-Thiophenecarboxylic acid, 3-tr...	310	C18H30O2S	1000280-66-0	72
3	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	68
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	64
5	Bruceantin	548	C28H36O11	041451-75-6	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041320\
Data File : VD065625.D
Acq On : 13 Apr 2020 19:10
Operator : VA/SY
Sample : L2230-03
Misc : 7.41G/5.00ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TP-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040920S.M
Quant Title : SW846 8260

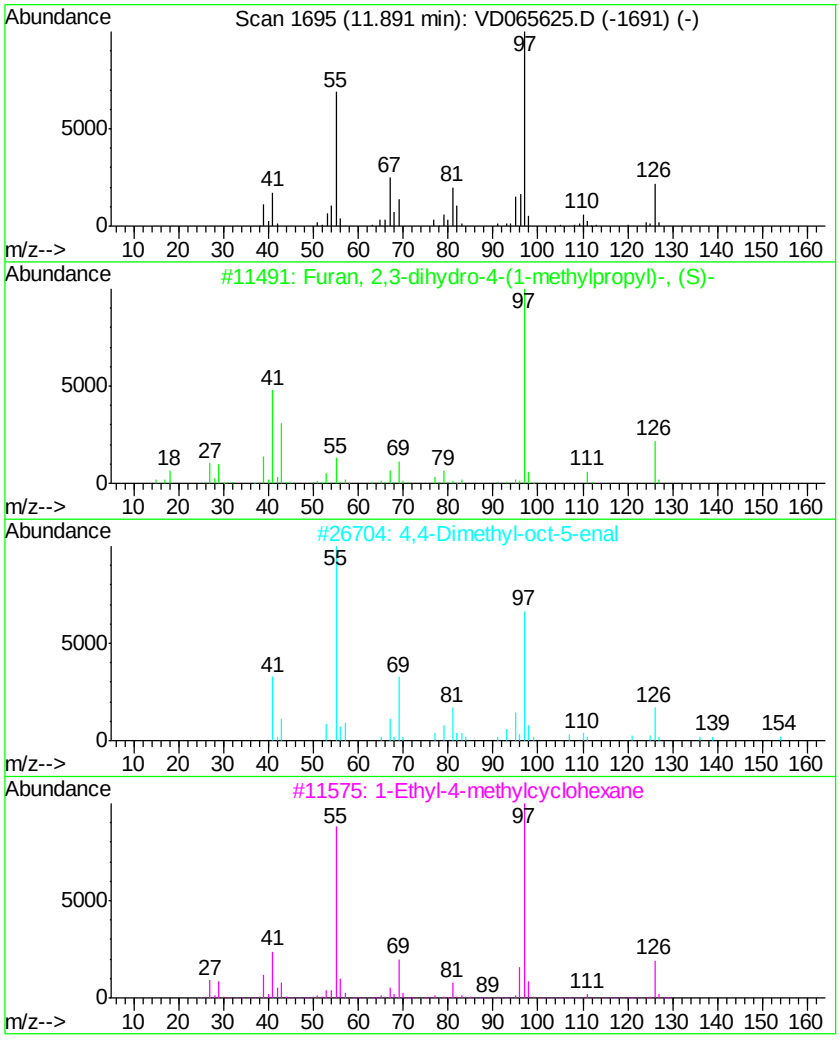
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

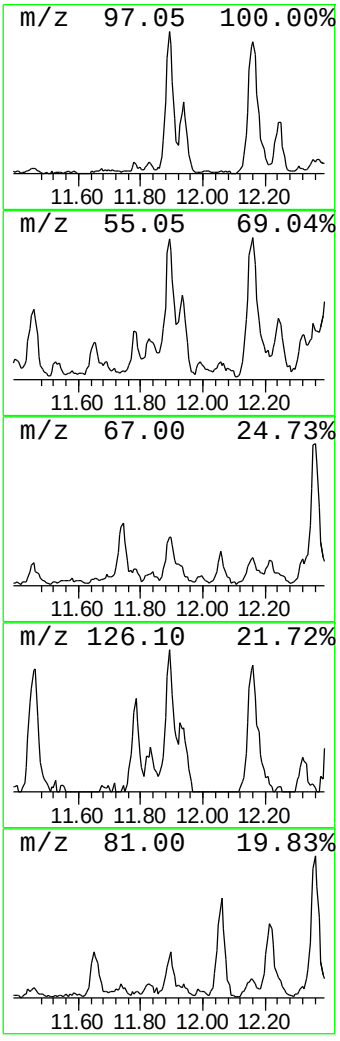
****

Peak Number 3 Furan, 2,3-dihydro-4-(1-met... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	7.51 ug/l	376272	Chlorobenzene-d5	11.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2,3-dihydro-4-(1-methylpr...	126	C8H14O	034379-54-9	53
2	4,4-Dimethyl-oct-5-enal	154	C10H18O	1000143-73-6	50
3	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	50
4	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	47
5	Thiophene, 2-propyl-	126	C7H10S	001551-27-5	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041320\
Data File : VD065625.D
Acq On : 13 Apr 2020 19:10
Operator : VA/SY
Sample : L2230-03
Misc : 7.41G/5.00ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TP-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040920S.M
Quant Title : SW846 8260

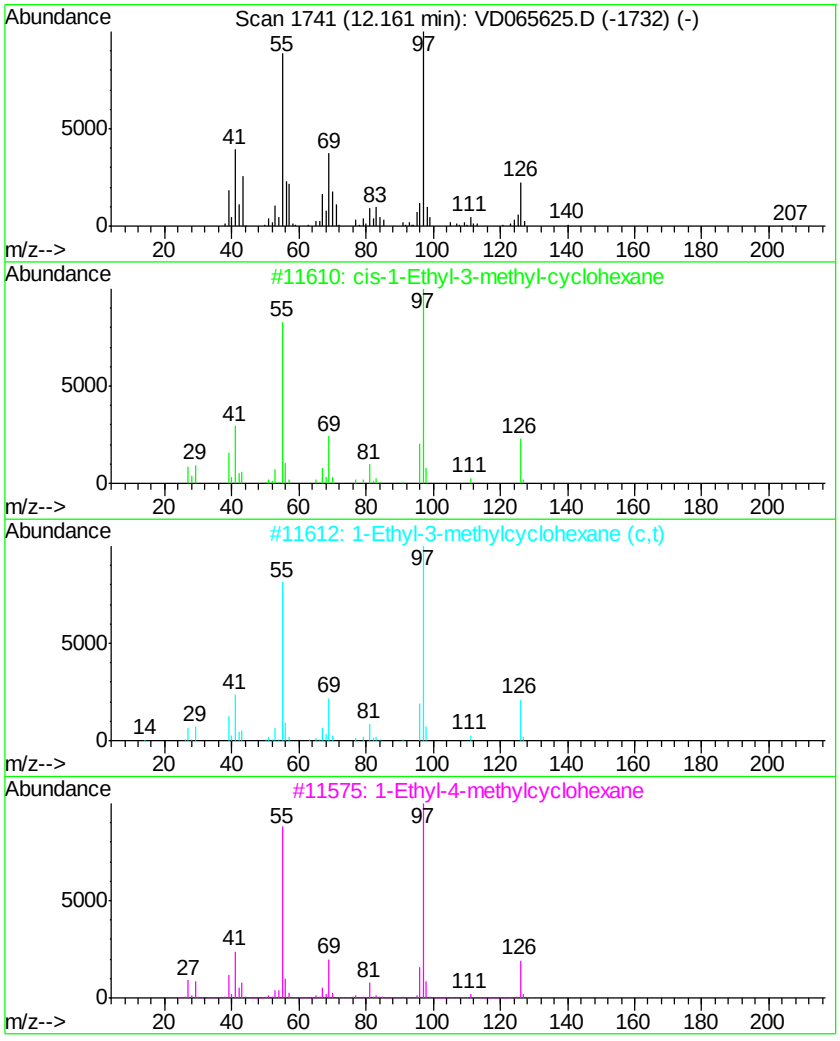
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

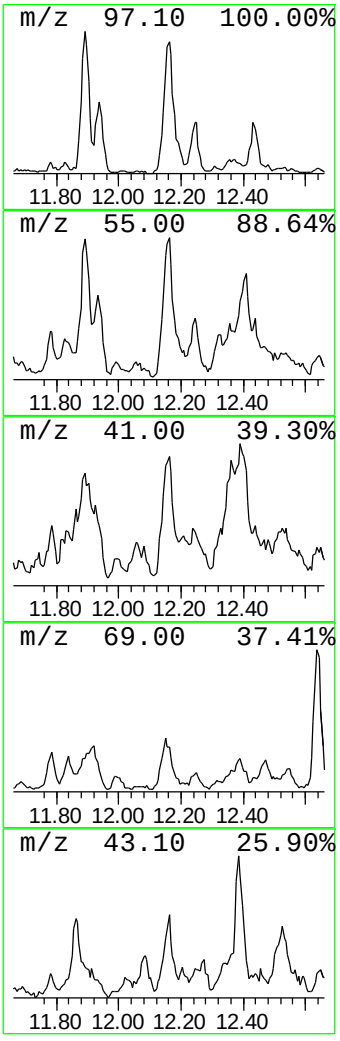
****

Peak Number 4 cis-1-Ethyl-3-methyl-cycloh... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	6.41 ug/l	321022	Chlorobenzene-d5	11.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	74
2	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	72
3	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	72
4	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	72
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD041320\
Data File : VD065625.D
Acq On : 13 Apr 2020 19:10
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Sample : L2230-03
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ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId : TP-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040920S.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
Ethane, 1,1-diflu...	1.96	30.0	ug/l	635568	1	7.98	1058380	50.0
Cyclohexane, 1,1,...	11.25	7.1	ug/l	353927	3	11.65	2505250	50.0
Furan, 2,3-dihydr...	11.89	7.5	ug/l	376272	3	11.65	2505250	50.0
cis-1-Ethyl-3-met...	12.16	6.4	ug/l	321022	3	11.65	2505250	50.0