LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062419\
Data File : VD062841.D
Acq On : 24 Jun 2019 15:37
Operator : VA/AP
Sample : K3499-02
Misc : 4.77g/5ml/MSVOA D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : B-2(11-12)

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\82D061919S.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	1.764	32	34	35	rVB	4675	3047	1.07%	0.156%
2	1.813	38	39	40	rBV	3819	3424	1.21%	0.175%
3	1.853	40	43	45	rVB3	6554	10680	3.76%	0.547%
4	1.882	45	46	49	rVB2	5776	5513	1.94%	0.282%
5	1.971	53	55	56	rVB2	3643	3247	1.14%	0.166%
6	2.030	60	61	64	rVB2	3922	5390	1.90%	0.276%
7	2.079	64	66	67	rBV2	6303	9383	3.30%	0.480%
8	2.109	67	69	70	rVV	4635	5346	1.88%	0.274%
9	2.158	73	74	76	rVB	2875	3213	1.13%	0.164%
10	2.365	89	95	97	rBV5	13530	29052	10.23%	1.487%
11	2.404	97	99	100	rVV2	5068	4413	1.55%	0.226%
12	2.443	100	103	104	rVV	3072	4561	1.61%	0.233%
13	2.522	110	111	113	rVB2	3130	3409	1.20%	0.174%
14	2.552	113	114	115	rBV	4682	3403	1.20%	0.174%
15	2.650	119	124	128	rVV3	11189	33776	11.89%	1.729%
16	2.758	133	135	137	rBV	5172	5739	2.02%	0.294%
17	2.877	145	147	148	rBV2	3405	5424	1.91%	0.278%
18	2.936	152	153	156	rVB	3779	4753	1.67%	0.243%
19	2.985	156	158	161	rBV3	3605	5726	2.02%	0.293%
20	3.093	167	169	172	rVV2	4109	7192	2.53%	0.368%
21	3.132	172	173	177	rVB2	6840	10193	3.59%	0.522%
22	3.231	177	183	189	rVB	18487	51877	18.26%	2.655%
23	3.467	204	207	208	rBV	2621	3805	1.34%	0.195%
24	3.487	208	209	213	rVV	2382	3135	1.10%	0.160%
25	3.851	237	246	252	rVB5	14078	54358	19.14%	2.782%
26	4.078	267	269	274	rVB	1841	4253	1.50%	0.218%
27	4.215	278	283	292	rBV3	8424	29139	10.26%	1.491%
28	4.560	317	318	323	rVB	1619	2892	1.02%	0.148%
29	4.629	323	325	328	rBV	1600	3219	1.13%	0.165%
30	4.708	328	333	339	rVB3	10067	29790	10.49%	1.525%
31	5.111	370	374	376	rBV3	1401	3082	1.09%	0.158%
32	5.712	430	435	440	rBV2	2436	5937	2.09%	0.304%
33	5.810	440	445	448	rBV	4426	10642	3.75%	0.545%
34	6.165	476	481	488	rBV2	12842	41042	14.45%	2.101%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062419\
Data File : VD062841.D
Acq On : 24 Jun 2019 15:37
Operator : VA/AP
Sample : K3499-02
Misc : 4.77g/5ml/MSVOA D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : B-2(11-12)

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\82D061919S.M
Title : SW846 8260

35	6.932	552	559	567	rBV3	38732	124341	43.77%	6.364%
36	7.051	567	571	583	rVB3	46429	135150	47.58%	6.917%
37	7.277	590	594	599	rBV3	5744	15763	5.55%	0.807%
38	7.375	601	604	606	rBV	1779	3940	1.39%	0.202%
39	7.464	606	613	620	rVB	42324	113398	39.92%	5.804%
40	7.710	633	638	643	rVB	2596	7069	2.49%	0.362%
41	7.966	663	664	667	rBV	1848	3162	1.11%	0.162%
42	8.025	667	670	673	rVB	4275	6839	2.41%	0.350%
43	8.222	684	690	696	rBV2	68249	176288	62.06%	9.022%
44	8.872	751	756	759	rBV2	1752	4366	1.54%	0.223%
45	8.990	765	768	772	rVB	1610	3642	1.28%	0.186%
46	10.417	908	913	919	rBV	73172	170569	60.05%	8.730%
47	10.516	921	923	925	rVB2	2735	3911	1.38%	0.200%
48	11.244	990	997	1003	rVB3	14196	49446	17.41%	2.531%
49	12.366	1108	1111	1117	rVB	142698	227289	80.02%	11.633%
50	12.681	1139	1143	1146	rVB	2724	5948	2.09%	0.304%
51	13.558	1228	1232	1237	rBB	132350	177203	62.38%	9.069%
52	13.705	1244	1247	1253	rBV2	5800	9943	3.50%	0.509%
53	14.237	1298	1301	1305	rBV	3099	6199	2.18%	0.317%
54	14.522	1326	1330	1334	rVB	202883	284054	100.00%	14.538%
55	15.113	1388	1390	1393	rBV2	3487	5326	1.87%	0.273%
56	16.127	1490	1493	1496	rBV	4784	6165	2.17%	0.316%
57	16.600	1537	1541	1543	rBV	1658	3821	1.35%	0.196%

Sum of corrected areas: 1953887

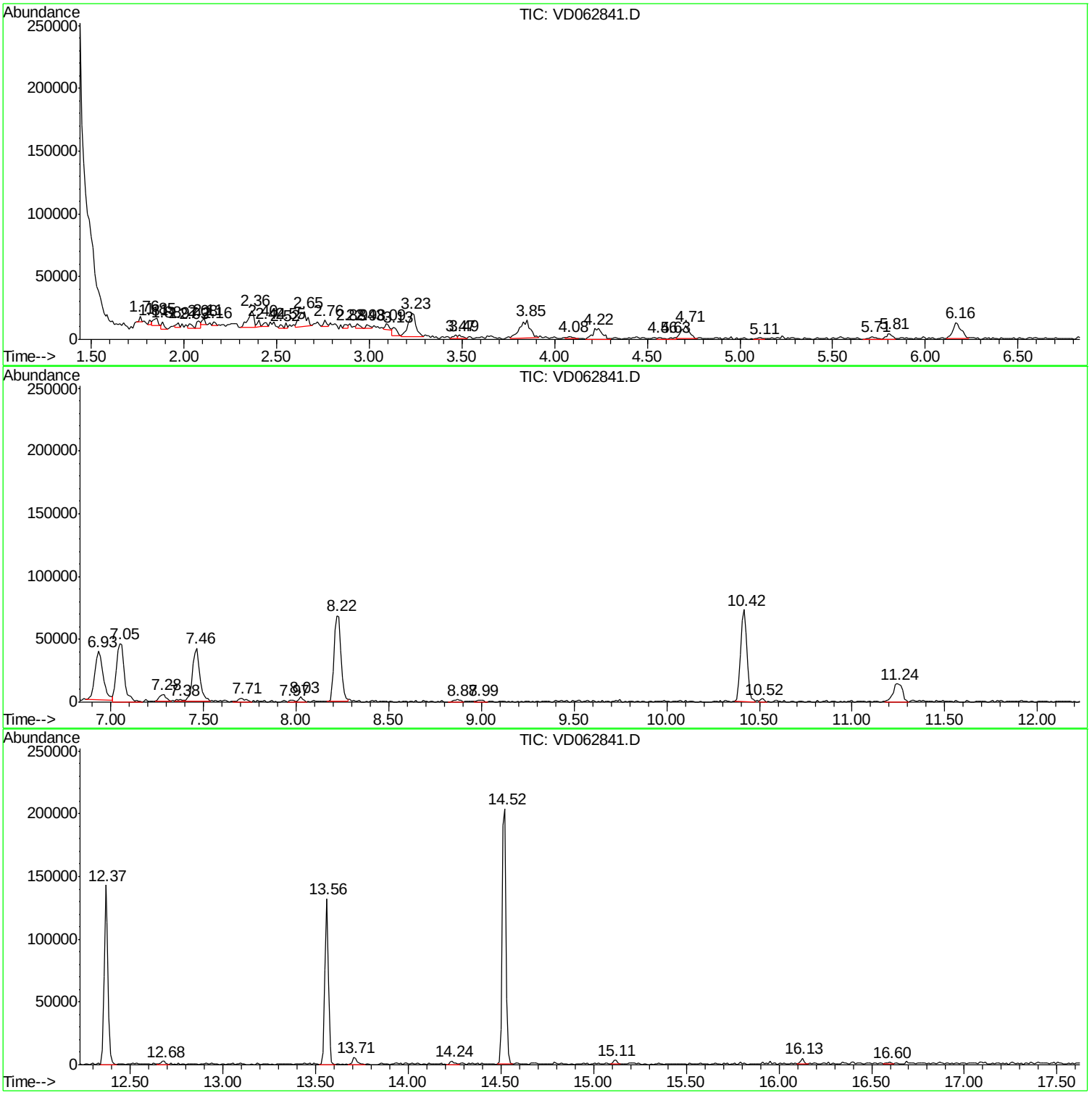
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD062419\
Data File : VD062841.D
Acq On : 24 Jun 2019 15:37
Operator : VA/AP
Sample : K3499-02
Misc : 4.77g/5ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : B-2(11-12)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.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\VD062419\
Data File : VD062841.D
Acq On : 24 Jun 2019 15:37
Operator : VA/AP
Sample : K3499-02
Misc : 4.77g/5ml/MSVOA D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : B-2(11-12)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260

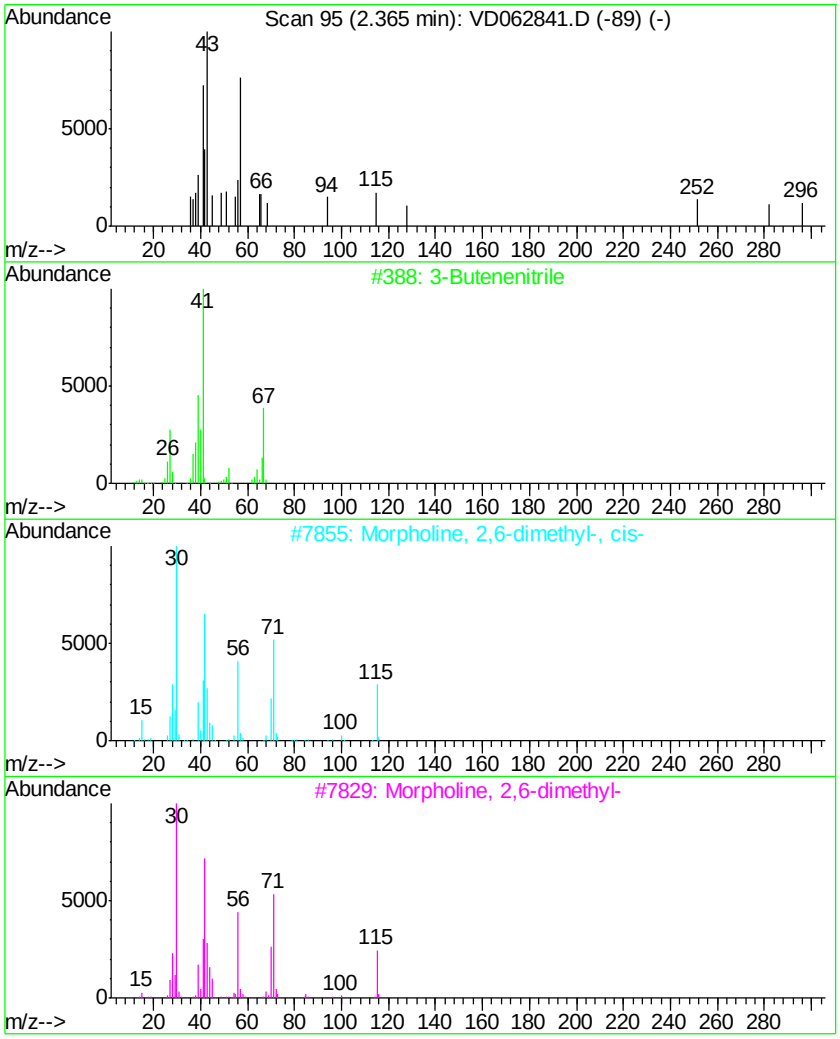
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

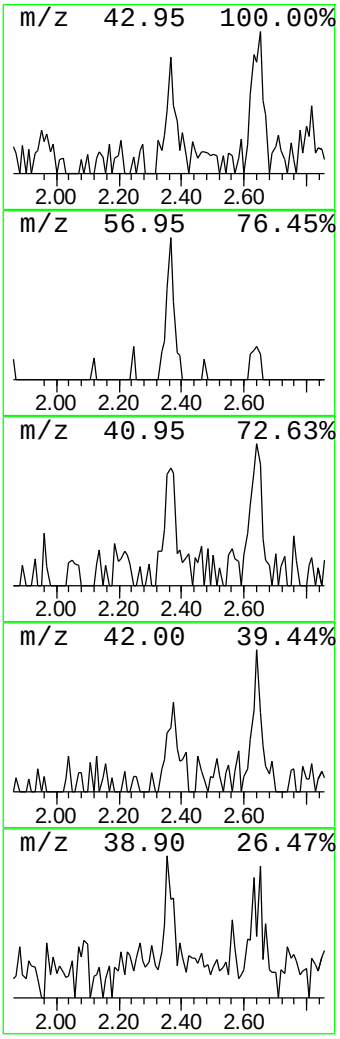
****

Peak Number 1 unknown2.36 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.36	10.75 ug/l	29052	Pentafluorobenzene	7.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Butenenitrile	67	C4H5N	000109-75-1	10
2	Morpholine, 2,6-dimethyl-, cis-	115	C6H13NO	006485-55-8	9
3	Morpholine, 2,6-dimethyl-	115	C6H13NO	000141-91-3	9
4	Cyclopropanecarbonitrile	67	C4H5N	005500-21-0	9
5	Aluminum, tripropyl-	156	C9H21Al	000102-67-0	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062419\
Data File : VD062841.D
Acq On : 24 Jun 2019 15:37
Operator : VA/AP
Sample : K3499-02
Misc : 4.77g/5ml/MSVOA D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : B-2(11-12)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260

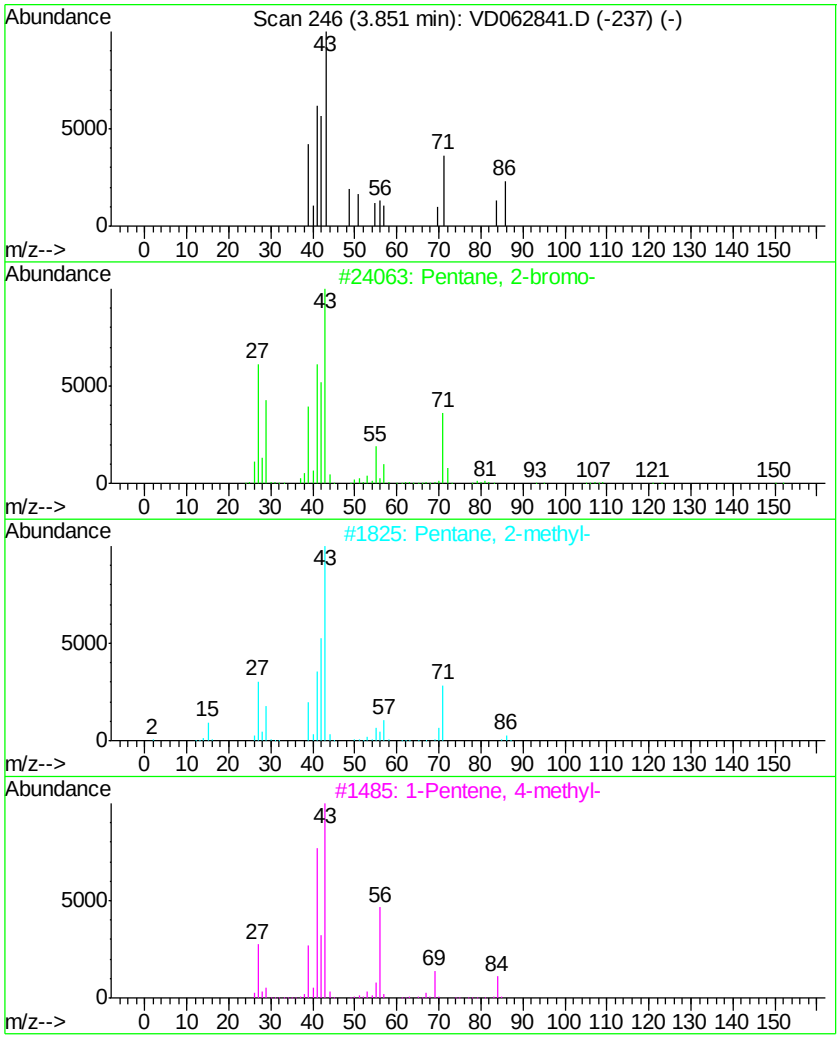
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

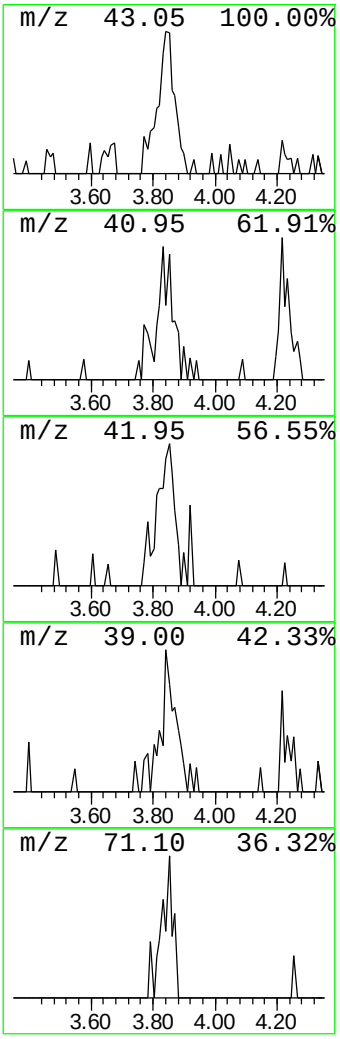
****

Peak Number 3 unknown3.85 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.85	20.11 ug/l	54358	Pentafluorobenzene	7.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-bromo-	150	C5H11Br	000107-81-3	25
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	22
3	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	9
4	Butyrolactone	86	C4H6O2	000096-48-0	9
5	Ethane-1,2-diimine, N,N'-diamino-	86	C2H6N4	1000197-11-5	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062419\
Data File : VD062841.D
Acq On : 24 Jun 2019 15:37
Operator : VA/AP
Sample : K3499-02
Misc : 4.77g/5ml/MSVOA D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : B-2(11-12)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260

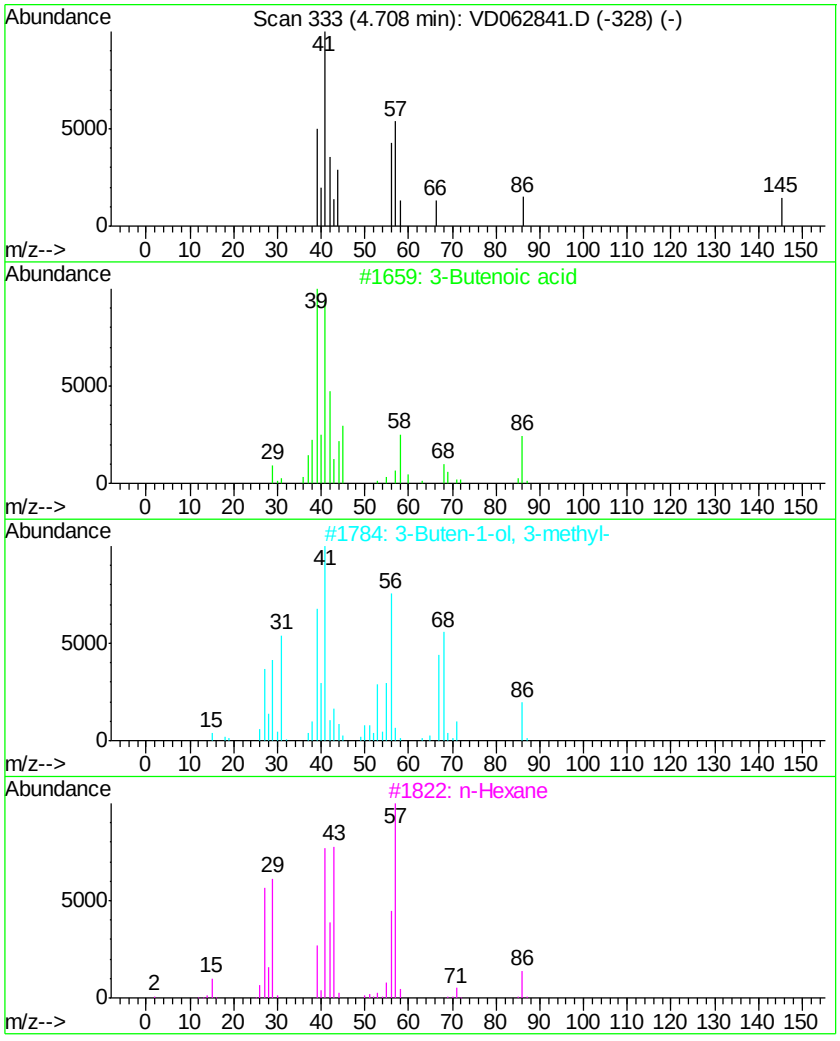
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

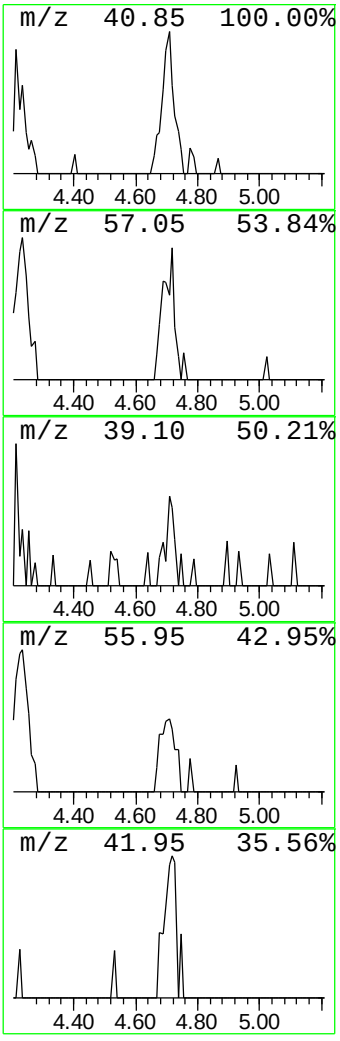
****

Peak Number 5 unknown4.71 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.71	11.02 ug/l	29790	Pentafluorobenzene	7.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Butenoic acid	86	C4H6O2	000625-38-7	43
2	3-Buten-1-ol, 3-methyl-	86	C5H10O	000763-32-6	38
3	n-Hexane	86	C6H14	000110-54-3	17
4	Propene	42	C3H6	000115-07-1	9
5	1,1-Dimethylethylamine, N-methox...	147	C6H13NO3	1000284-26-1	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062419\
Data File : VD062841.D
Acq On : 24 Jun 2019 15:37
Operator : VA/AP
Sample : K3499-02
Misc : 4.77g/5ml/MSVOA D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : B-2(11-12)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260

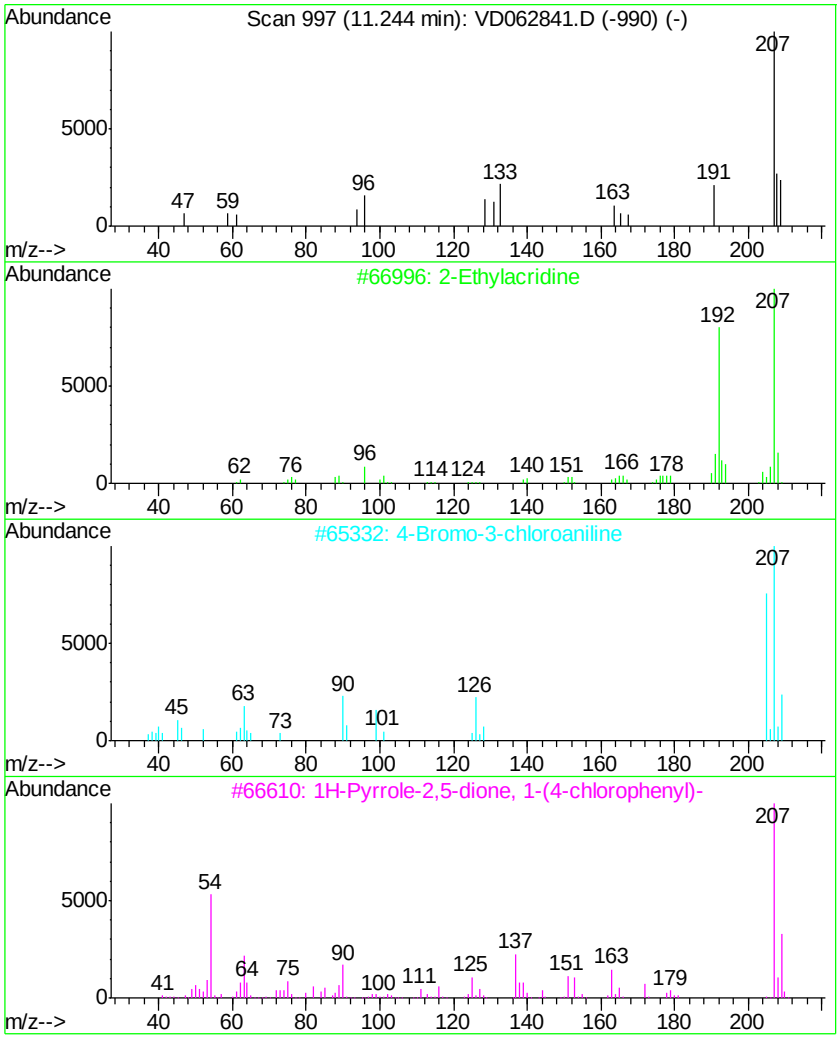
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

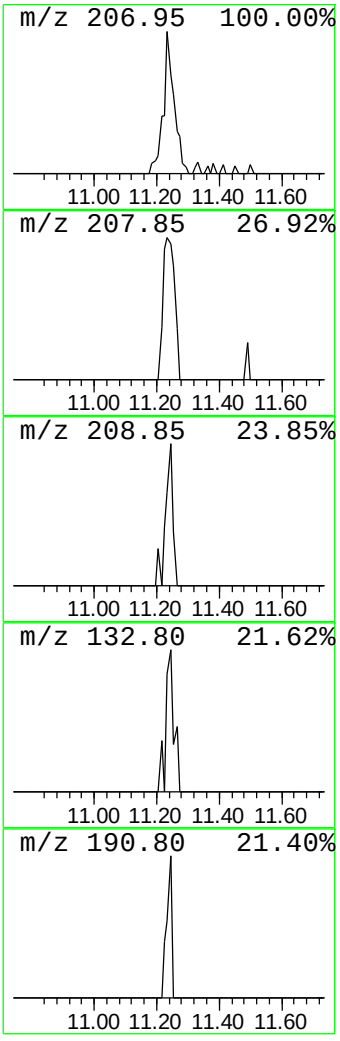
****

Peak Number 8 unknown11.24 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	10.88 ug/l	49446	Chlorobenzene-d5	12.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethylacridine	207	C15H13N	055751-83-2	38
2	4-Bromo-3-chloroaniline	205	C6H5BrClN	021402-26-6	37
3	1H-Pyrrole-2,5-dione, 1-(4-chlor...	207	C10H6ClNO2	001631-29-4	37
4	cis-4-Ethoxy-b-methyl-b-nitrosty...	207	C11H13NO3	1000120-36-6	9
5	Quinoline, 4-chloro-6-methoxy-2-...	207	C11H10ClNO	050593-73-2	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD062419\
Data File : VD062841.D
Acq On : 24 Jun 2019 15:37
Operator : VA/AP
Sample : K3499-02
Misc : 4.77g/5ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : B-2(11-12)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.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
unknown2.36	2.36	10.8	ug/l	29052	1	7.06	135150	50.0
unknown3.85	3.85	20.1	ug/l	54358	1	7.06	135150	50.0
unknown4.71	4.71	11.0	ug/l	29790	1	7.06	135150	50.0
unknown11.24	11.24	10.9	ug/l	49446	3	12.37	227289	50.0