LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052220\
Data File : VV016175.D
Acq On : 22 May 2020 17:00
Operator : SY/MD
Sample : L2731-10
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AX5

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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_V\METHOD\SOMVTR050720WMA.M
Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.306	59	67	86	rVB2	109446	172029	15.49%	2.744%
2	1.579	144	152	165	rBV	59576	71896	6.47%	1.147%
3	2.126	311	322	336	rBV	117206	171814	15.47%	2.741%
4	2.216	338	350	382	rVB2	13070	42727	3.85%	0.682%
5	2.743	484	514	562	rBV3	24446	186813	16.82%	2.980%
6	3.714	793	816	837	rBV	107142	289074	26.03%	4.611%
7	3.930	872	883	920	rBV2	38412	141154	12.71%	2.252%
8	4.380	1001	1023	1046	rBV	76010	192855	17.37%	3.076%
9	4.711	1110	1126	1141	rVB3	11422	28020	2.52%	0.447%
10	5.077	1222	1240	1269	rBV2	181196	444549	40.03%	7.091%
11	5.643	1403	1416	1446	rBV	179686	356827	32.13%	5.692%
12	6.097	1543	1557	1581	rBV	102592	211199	19.02%	3.369%
13	6.560	1688	1701	1708	rBV2	45828	91429	8.23%	1.458%
14	6.601	1709	1714	1739	rVB	37919	77671	6.99%	1.239%
15	7.013	1830	1842	1862	rBV	48668	89214	8.03%	1.423%
16	7.338	1930	1943	1962	rBV	230509	399917	36.01%	6.379%
17	7.646	2029	2039	2057	rBV	27870	49173	4.43%	0.784%
18	8.116	2174	2185	2217	rBV	177507	358006	32.24%	5.711%
19	8.875	2410	2421	2446	rBV	271853	442582	39.85%	7.060%
20	10.238	2833	2845	2867	rVB	63603	98979	8.91%	1.579%
21	11.270	3155	3166	3191	rBV	281082	430712	38.78%	6.871%
22	11.553	3242	3254	3267	rVB2	10868	17518	1.58%	0.279%
23	11.646	3268	3283	3301	rBV	211140	331868	29.88%	5.294%
24	13.524	3846	3867	3894	rBV	699802	1110558	100.00%	17.715%
25	13.646	3897	3905	3915	rVB	16614	27330	2.46%	0.436%
26	13.775	3937	3945	3956	rBV3	14597	22240	2.00%	0.355%
27	14.659	4209	4220	4237	rBV	56755	89375	8.05%	1.426%
28	14.839	4266	4276	4292	rVB	39081	62788	5.65%	1.002%
29	15.389	4437	4447	4458	rBV2	14825	22936	2.07%	0.366%
30	15.839	4576	4587	4594	rBV4	9659	15254	1.37%	0.243%
31	16.308	4724	4733	4747	rVB6	7408	13583	1.22%	0.217%
32	16.514	4784	4797	4812	rBV2	59728	104093	9.37%	1.660%
33	16.813	4877	4890	4901	rBV	55030	90426	8.14%	1.442%
34	17.421	5071	5079	5092	rBV3	8658	14385	1.30%	0.229%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052220\
Data File : VV016175.D
Acq On : 22 May 2020 17:00
Operator : SY/MD
Sample : L2731-10
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AX5

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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_V\METHOD\SOMVTR050720WMA.M
Title : TRACE VOA SOM01.0

Sum of corrected areas: 6268994

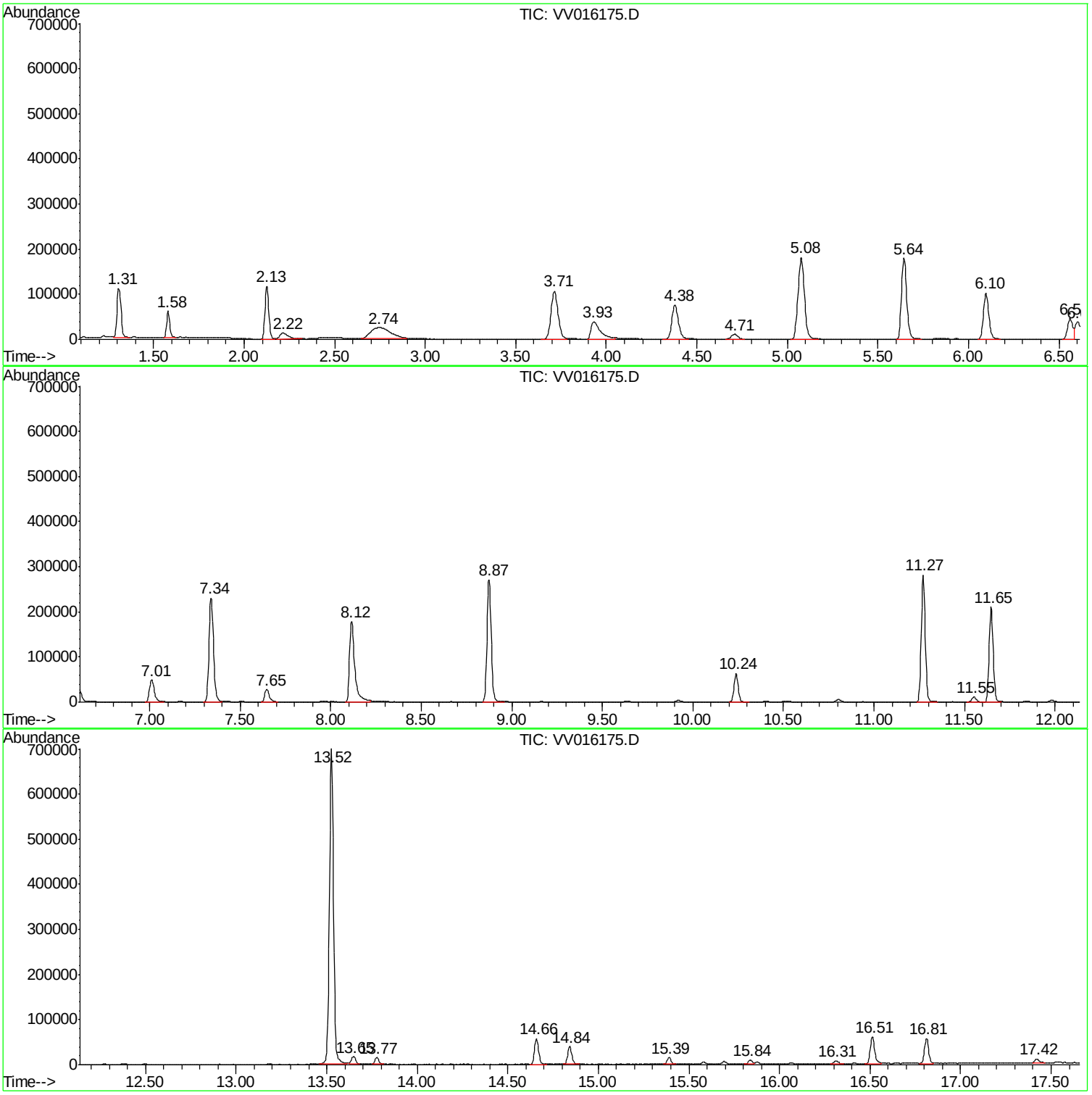
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052220\
Data File : VV016175.D
Acq On : 22 May 2020 17:00
Operator : SY/MD
Sample : L2731-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AX5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052220\
Data File : VV016175.D
Acq On : 22 May 2020 17:00
Operator : SY/MD
Sample : L2731-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AX5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

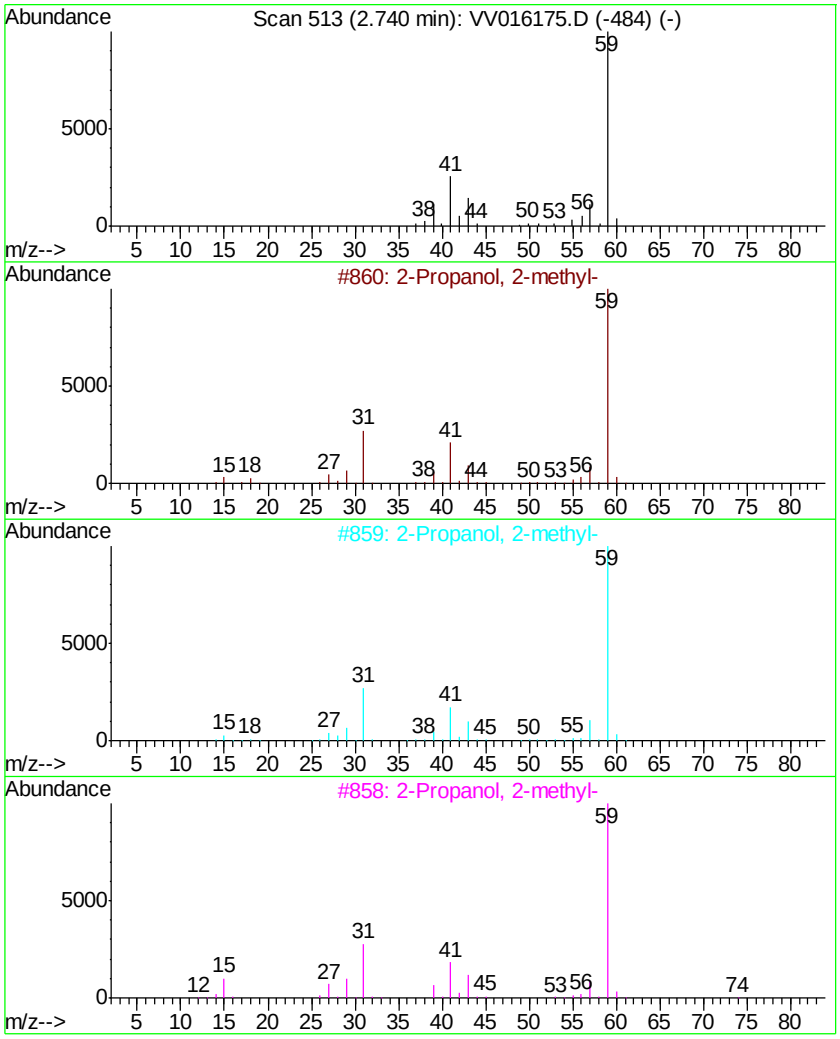
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

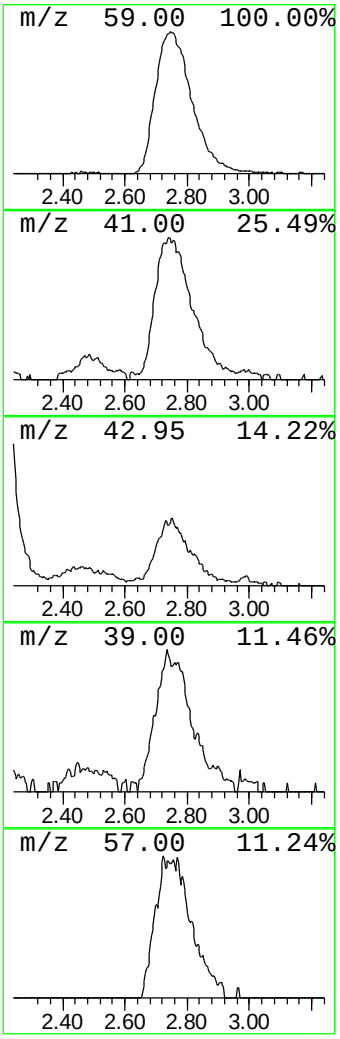
****

Peak Number 1 2-Propanol, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.74	2.62 ug/L	186813	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	64
2	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	64
3	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	43
4	3-Pentanol	88	C5H12O	000584-02-1	40
5	Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052220\
Data File : VV016175.D
Acq On : 22 May 2020 17:00
Operator : SY/MD
Sample : L2731-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AX5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

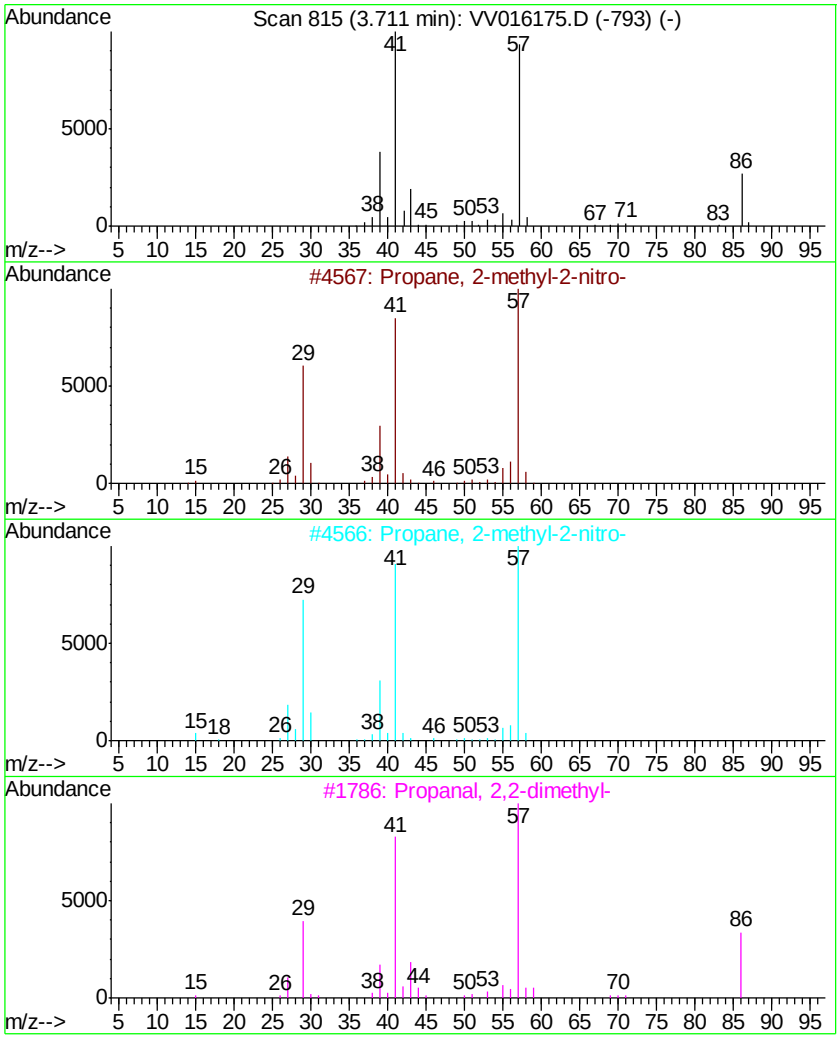
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

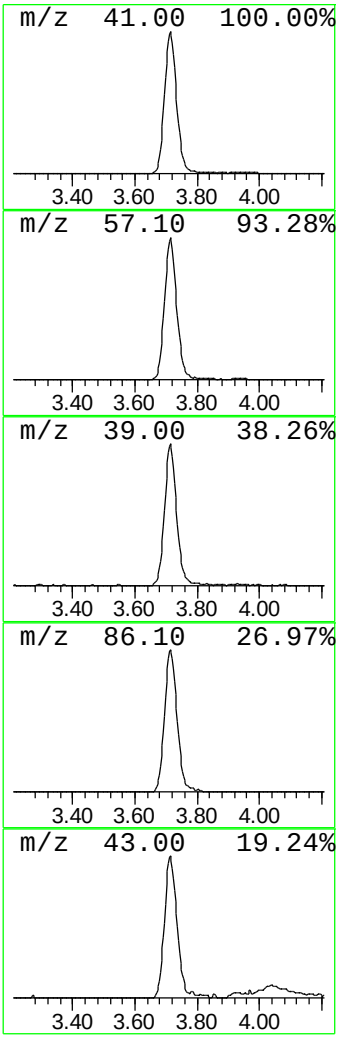
****

Peak Number 2 Propane, 2-methyl-2-nitro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.71	4.05 ug/L	289074	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-methyl-2-nitro-	103	C4H9NO2	000594-70-7	59
2	Propane, 2-methyl-2-nitro-	103	C4H9NO2	000594-70-7	50
3	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	43
4	Propane, 2-methyl-2-nitro-	103	C4H9NO2	000594-70-7	32
5	3-Pentanone	86	C5H10O	000096-22-0	32





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052220\
Data File : VV016175.D
Acq On : 22 May 2020 17:00
Operator : SY/MD
Sample : L2731-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AX5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

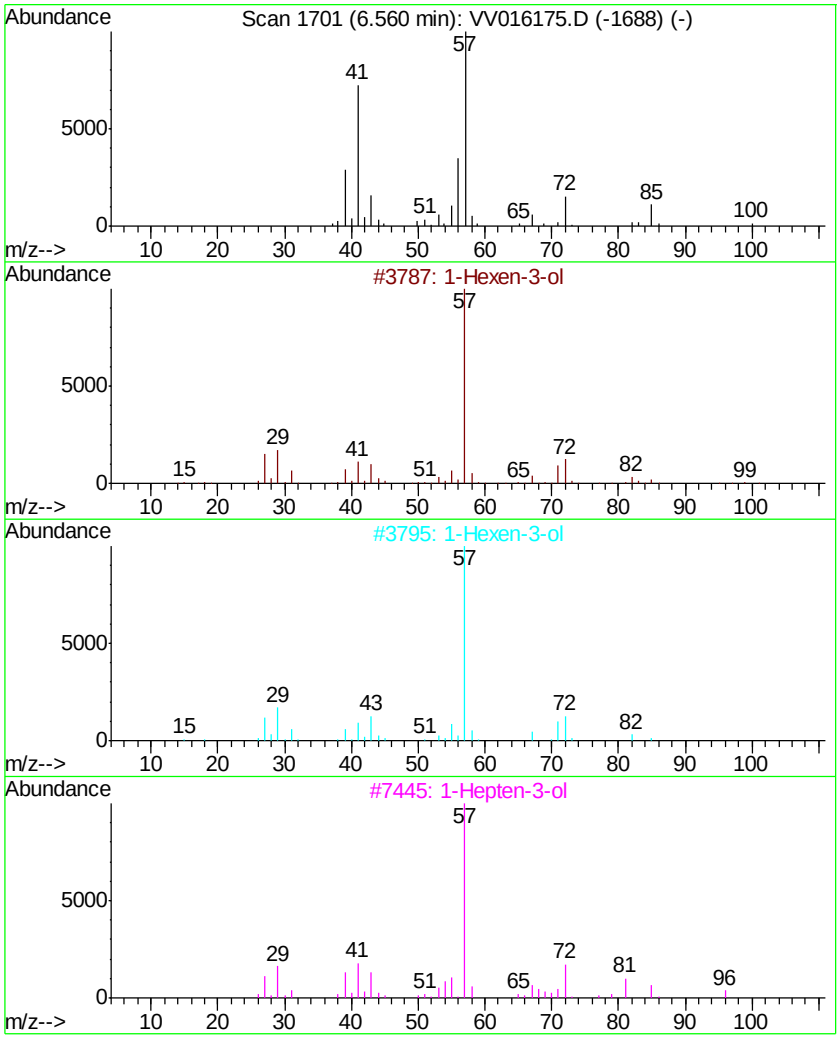
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

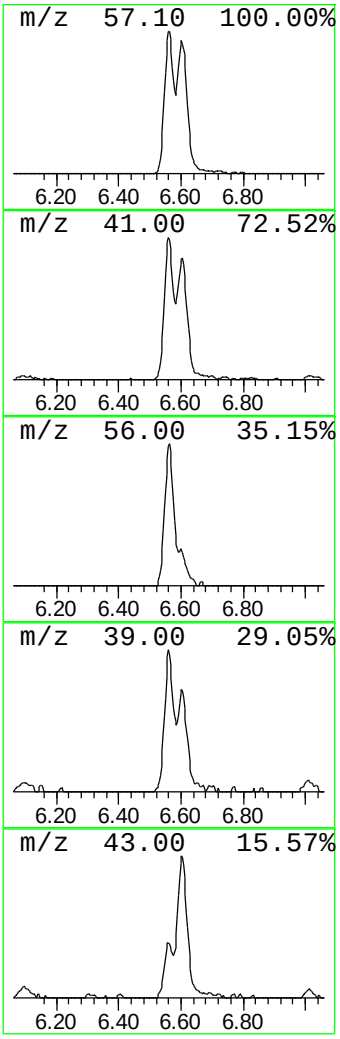
****

Peak Number 3 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	1.28 ug/L	91429	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexen-3-ol	100	C6H12O	004798-44-1	47
2	1-Hexen-3-ol	100	C6H12O	004798-44-1	43
3	1-Hepten-3-ol	114	C7H14O	004938-52-7	40
4	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	38
5	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	36





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052220\
Data File : VV016175.D
Acq On : 22 May 2020 17:00
Operator : SY/MD
Sample : L2731-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AX5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

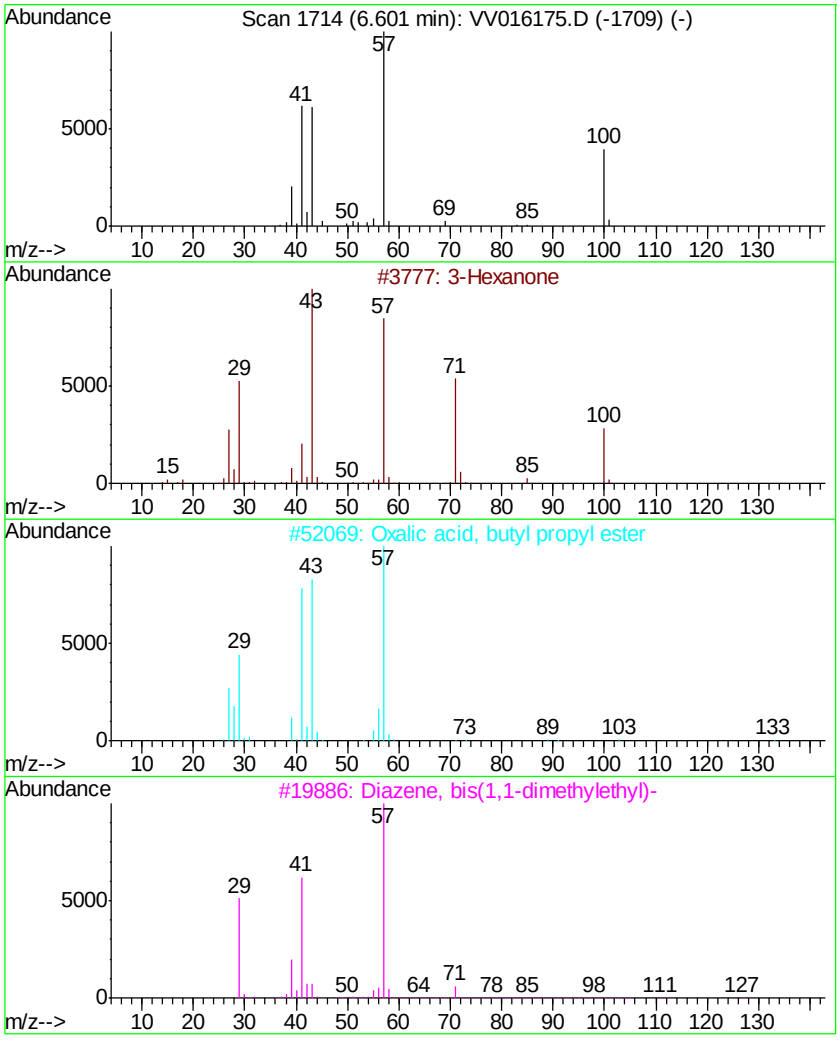
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

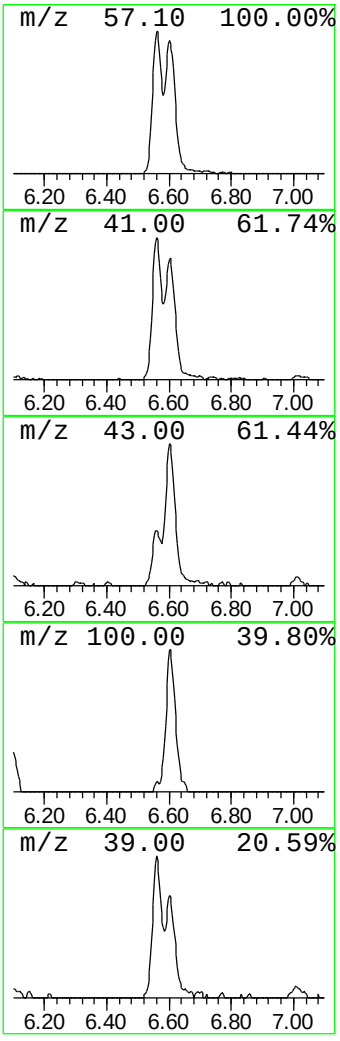
****

Peak Number 4 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	1.09 ug/L	77671	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone	100	C6H12O	000589-38-8	38
2	Oxalic acid, butyl propyl ester	188	C9H16O4	1000309-25-6	23
3	Diazene, bis(1,1-dimethylethyl)-	142	C8H18N2	000927-83-3	17
4	cis-1-Ethoxy-1-butene	100	C6H12O	1000139-43-8	9
5	3-Hexanone	100	C6H12O	000589-38-8	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052220\
Data File : VV016175.D
Acq On : 22 May 2020 17:00
Operator : SY/MD
Sample : L2731-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AX5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

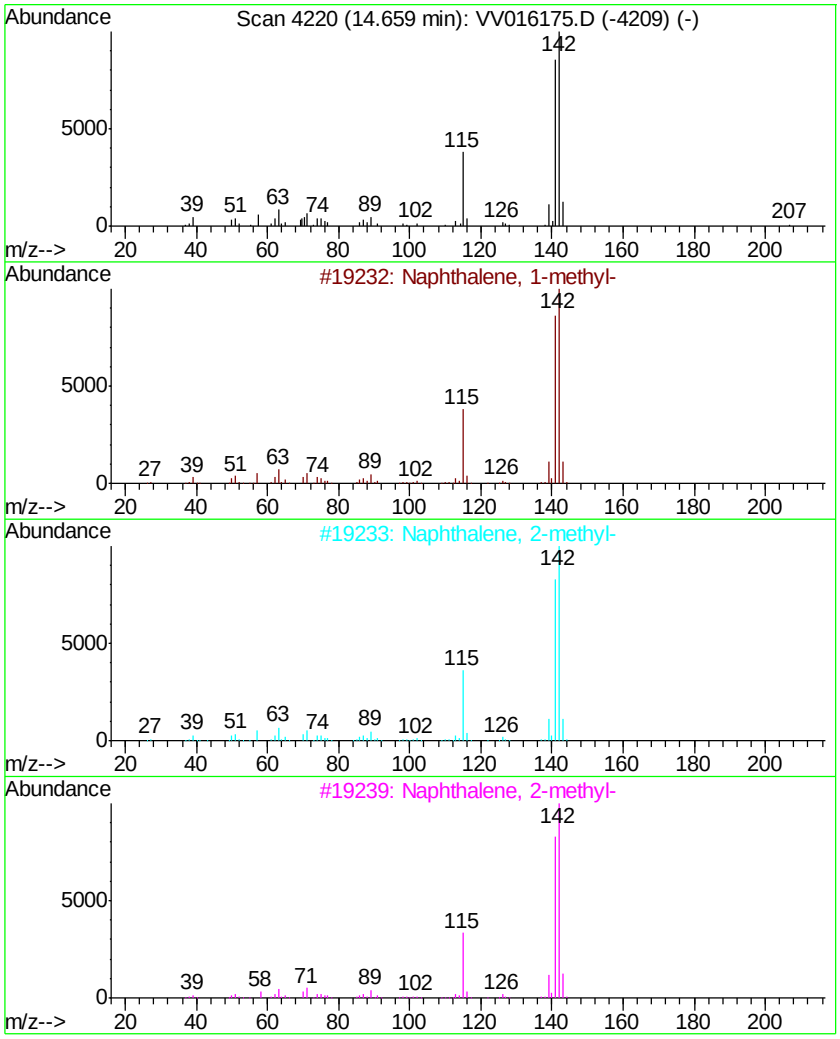
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

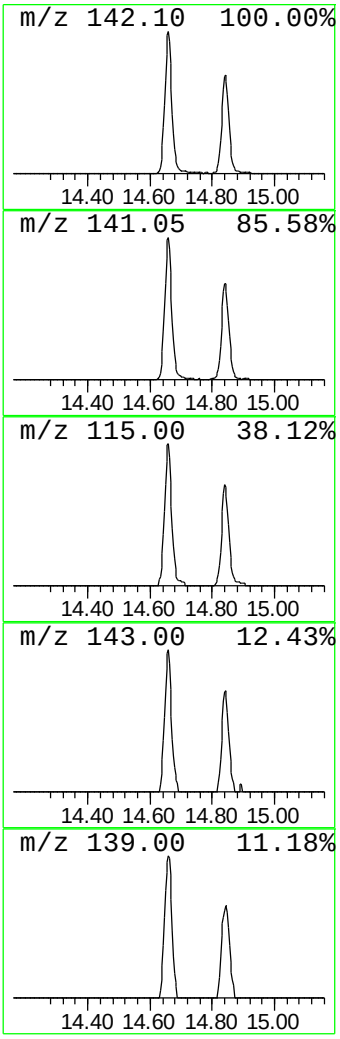
****

Peak Number 7 Naphthalene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	1.04 ug/L	89375	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052220\
Data File : VV016175.D
Acq On : 22 May 2020 17:00
Operator : SY/MD
Sample : L2731-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AX5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

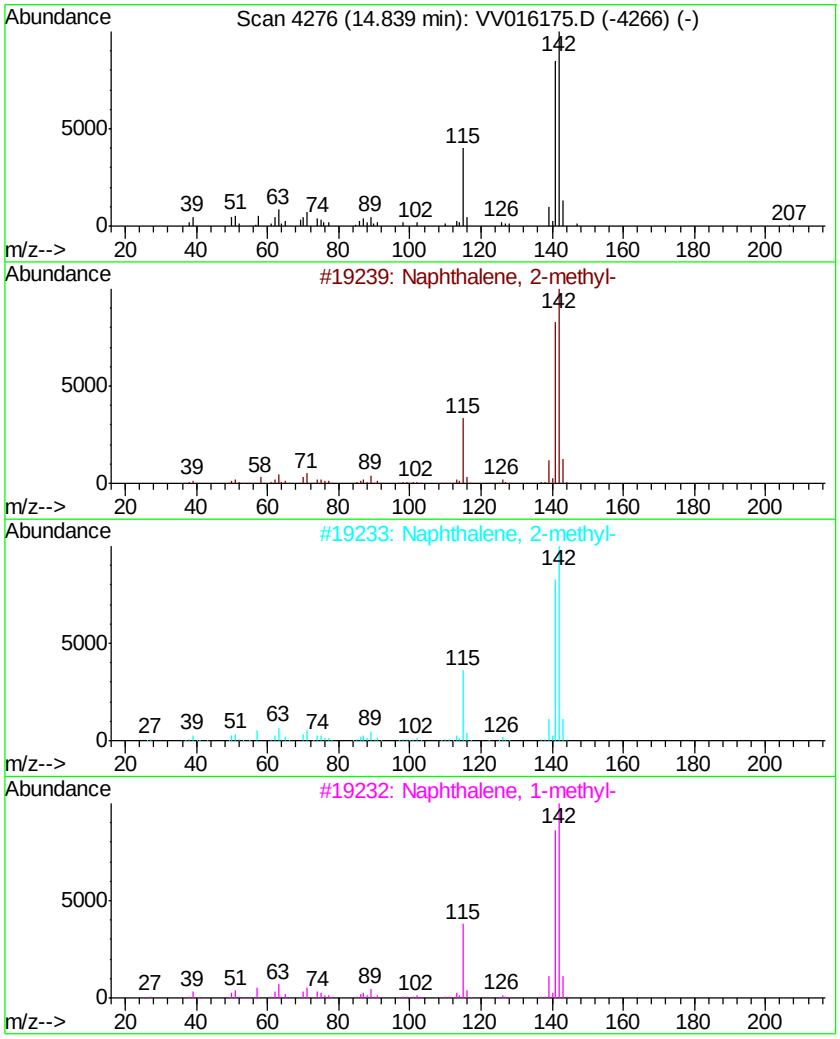
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

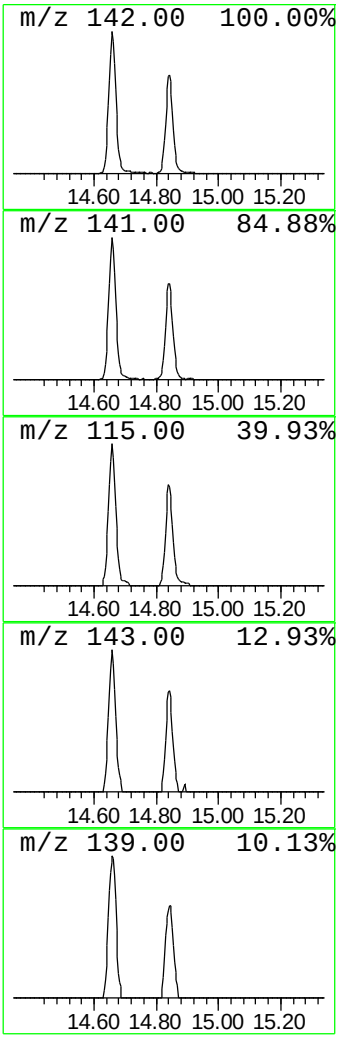
****

Peak Number 8 Naphthalene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	0.73 ug/L	62788	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052220\
Data File : VV016175.D
Acq On : 22 May 2020 17:00
Operator : SY/MD
Sample : L2731-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AX5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

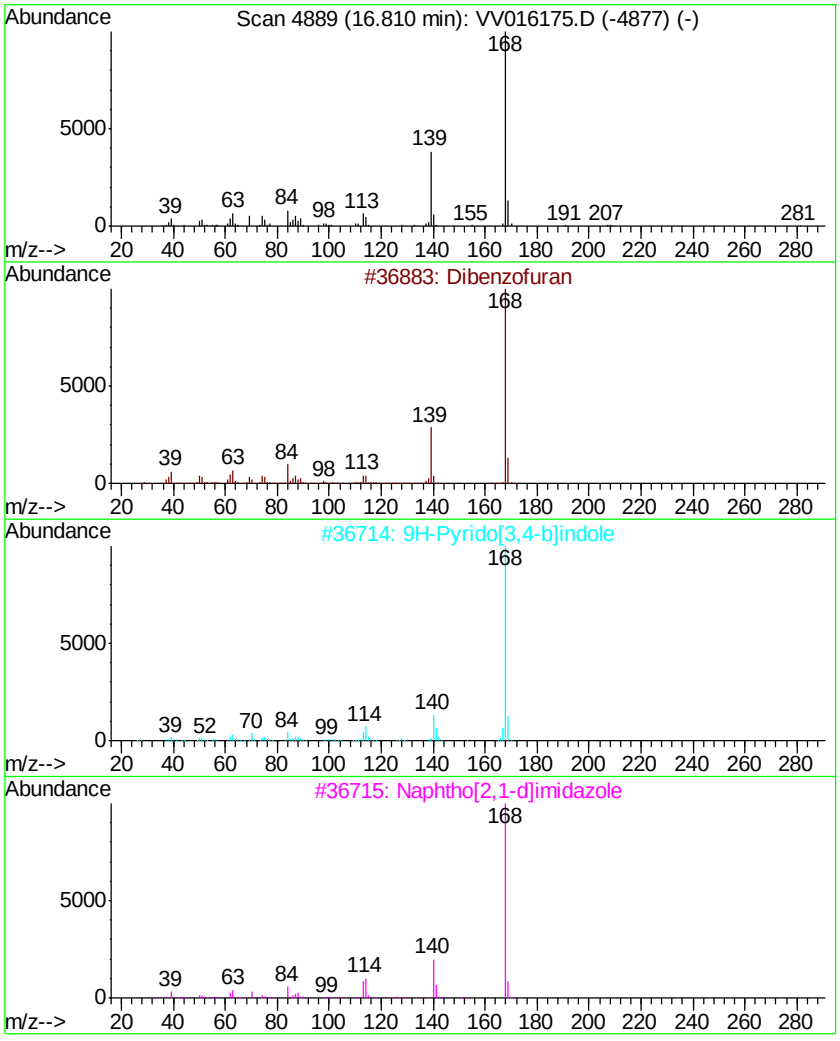
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

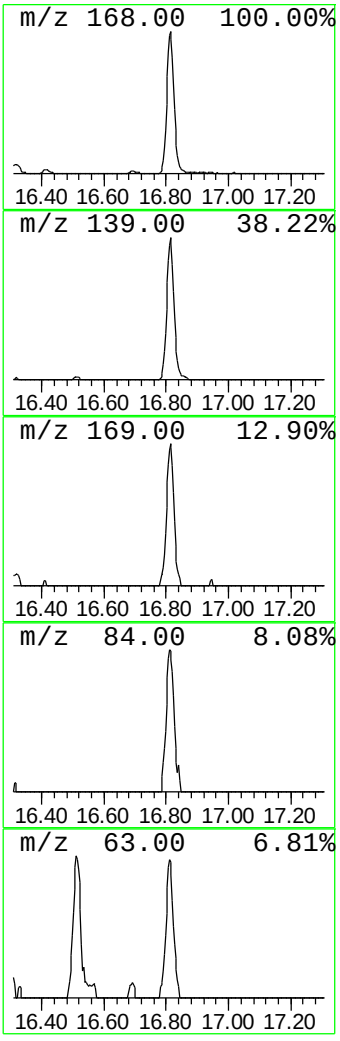
****

Peak Number 10 Dibenzofuran Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.81	1.05 ug/L	90426	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	91
2	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	53
3	Naphtho[2,1-d]imidazole	168	C11H8N2	000233-53-4	50
4	1-Naphthalenecarbonitrile, 8-amino-	168	C11H8N2	038515-13-8	50
5	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052220\
Data File : VV016175.D
Acq On : 22 May 2020 17:00
Operator : SY/MD
Sample : L2731-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AX5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Propanol, 2-met...	2.74	2.6	ug/L	186813	1	5.64	356827	5.0
Propane, 2-methyl...	3.71	4.0	ug/L	289074	1	5.64	356827	5.0
unknown-01	6.56	1.3	ug/L	91429	1	5.64	356827	5.0
unknown-02	6.60	1.1	ug/L	77671	1	5.64	356827	5.0
Naphthalene, 1-me...	14.66	1.0	ug/L	89375	3	11.27	430712	5.0
Naphthalene, 2-me...	14.84	0.7	ug/L	62788	3	11.27	430712	5.0
Dibenzofuran	16.81	1.1	ug/L	90426	3	11.27	430712	5.0