LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN063020\
Data File : VN062237.D
Acq On : 30 Jun 2020 14:14
Operator : JC/MD
Sample : L3151-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : BP-MW180-TB-20200626

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_N\METHODS\82N062420W.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	7.548	1778	1796	1808	rBV2	160491	406608	11.55%	2.794%
2	7.625	1808	1820	1845	rVB	265953	633396	18.00%	4.352%
3	7.989	1915	1933	1956	rBV3	189378	441695	12.55%	3.035%
4	8.548	2087	2107	2126	rBV	439999	934332	26.54%	6.420%
5	10.059	2564	2577	2591	rBV	735049	1388132	39.44%	9.538%
6	11.381	2971	2988	3014	rBV	665030	1163657	33.06%	7.996%
7	12.377	3259	3298	3318	rBV	517091	1104914	31.39%	7.592%
8	12.651	3364	3383	3404	rVV	64228	153363	4.36%	1.054%
9	12.747	3404	3413	3428	rVB2	54287	91705	2.61%	0.630%
10	13.320	3578	3591	3610	rBV	535868	906411	25.75%	6.228%
11	13.519	3635	3653	3672	rBV	16509	68788	1.95%	0.473%
12	13.975	3777	3795	3815	rBV6	47942	150249	4.27%	1.032%
13	14.233	3856	3875	3896	rVB10	27870	103907	2.95%	0.714%
14	14.348	3896	3911	3932	rBV	156320	306052	8.70%	2.103%
15	14.667	3984	4010	4022	rBV6	191954	633358	17.99%	4.352%
16	14.750	4022	4036	4053	rVV	1232233	3519813	100.00%	24.186%
17	14.837	4056	4063	4084	rVV2	580790	1572900	44.69%	10.808%
18	14.947	4084	4097	4128	rVB2	176876	517837	14.71%	3.558%
19	15.127	4136	4153	4167	rBV9	21285	72947	2.07%	0.501%
20	15.959	4403	4412	4425	rVB4	30105	58310	1.66%	0.401%
21	16.075	4437	4448	4459	rBV2	40782	79797	2.27%	0.548%
22	16.371	4515	4540	4567	rBV2	47490	172430	4.90%	1.185%
23	16.503	4567	4581	4587	rBV5	31905	72400	2.06%	0.497%

Sum of corrected areas: 14553001

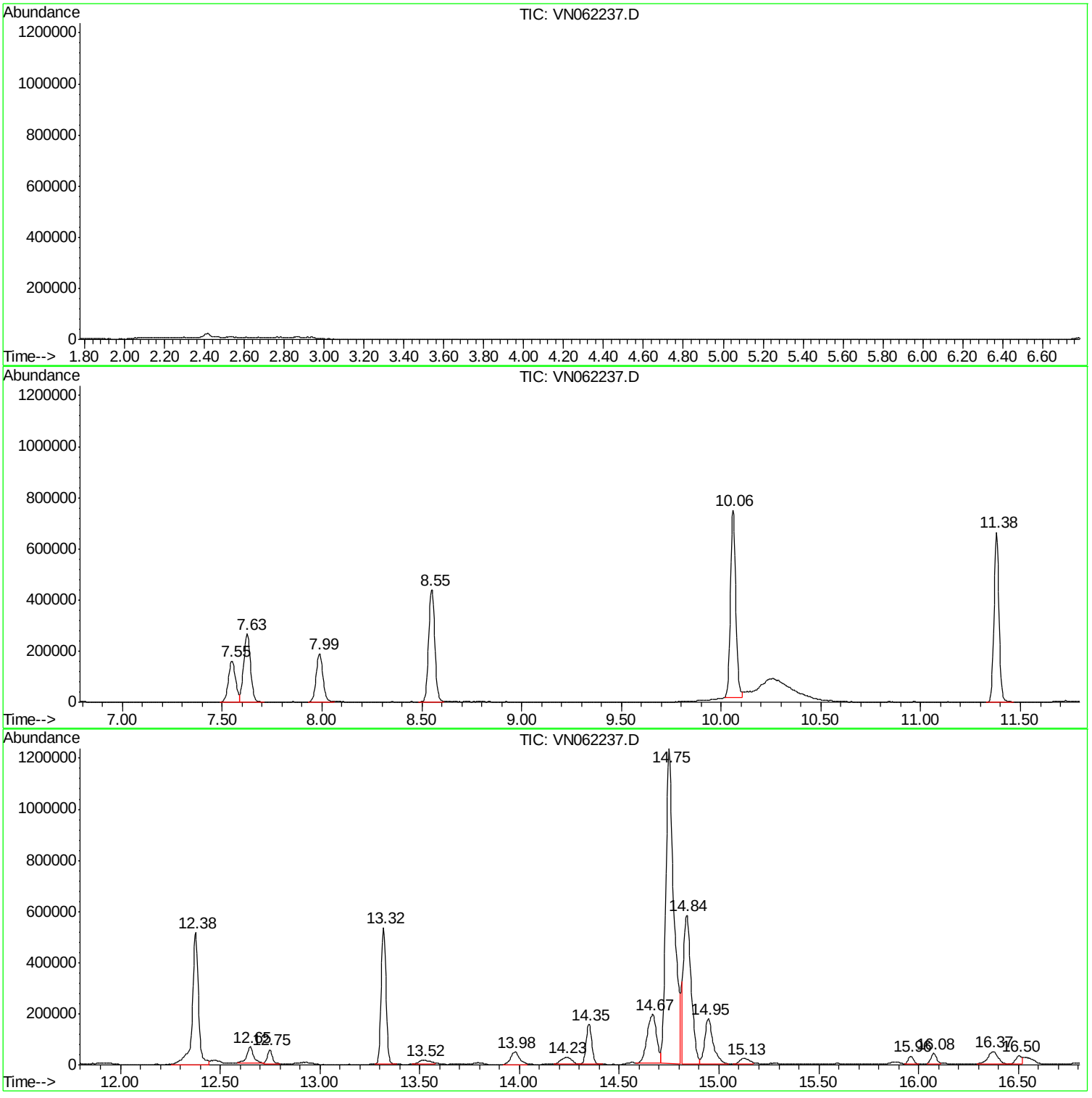
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN063020\
Data File : VN062237.D
Acq On : 30 Jun 2020 14:14
Operator : JC/MD
Sample : L3151-03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-MW180-TB-20200626

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.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_N\DATA\VN063020\
Data File : VN062237.D
Acq On : 30 Jun 2020 14:14
Operator : JC/MD
Sample : L3151-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : BP-MW180-TB-20200626

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260

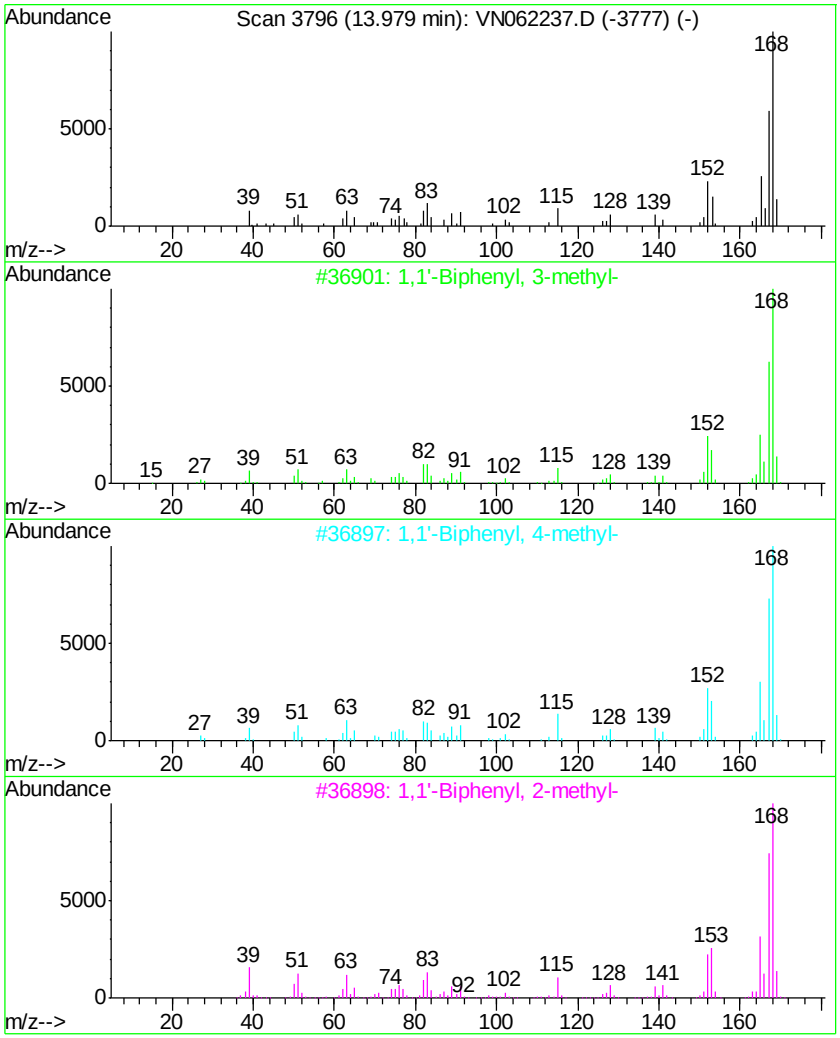
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

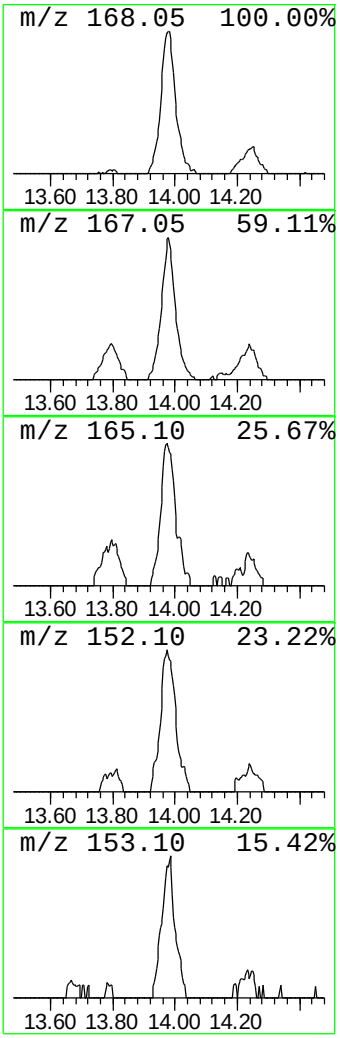
****

Peak Number 1 1,1'-Biphenyl, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	8.29 ug/l	150249	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	97
2	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	97
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	90
4	1,1-Diphenyl-2-propanol	212	C15H16O	029338-49-6	83
5	Diphenylmethane	168	C13H12	000101-81-5	74





Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN063020\
Data File : VN062237.D
Acq On : 30 Jun 2020 14:14
Operator : JC/MD
Sample : L3151-03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : BP-MW180-TB-20200626

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260

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

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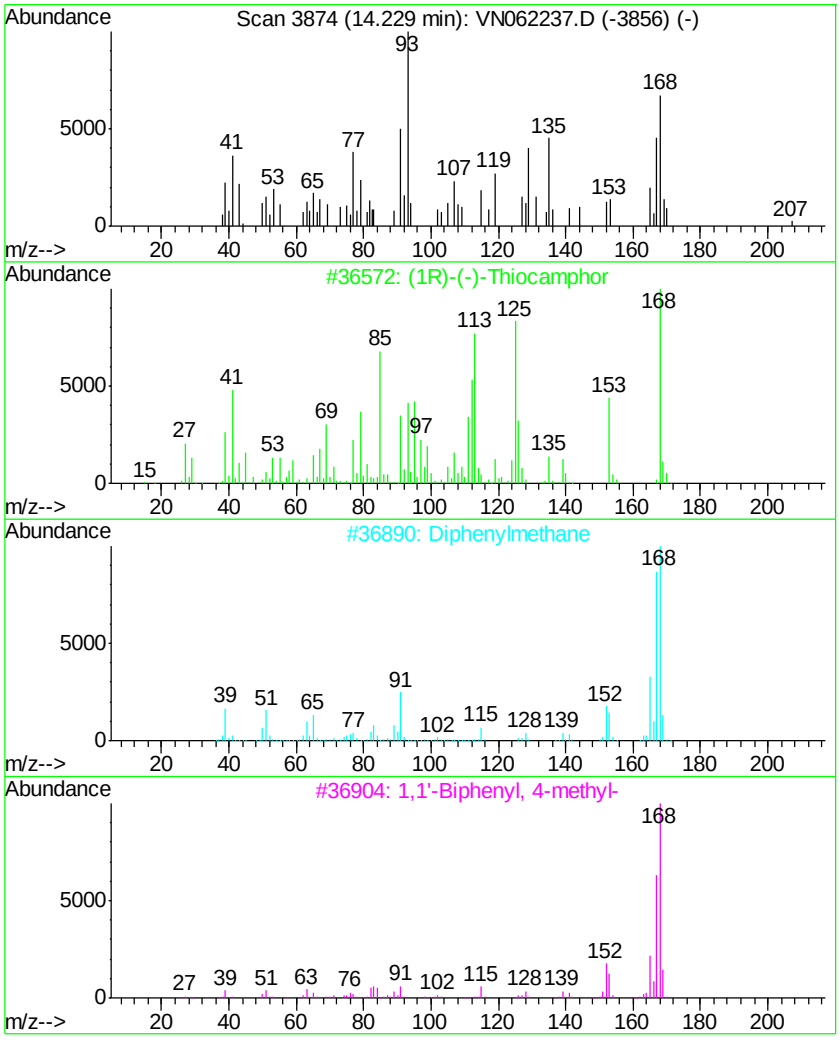
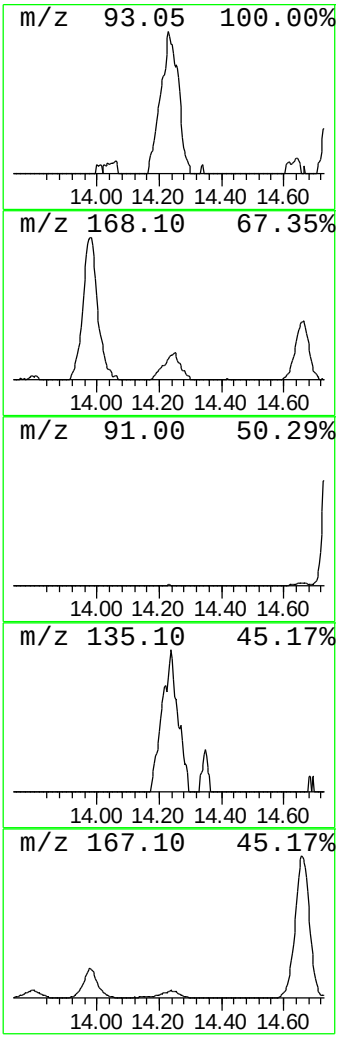
Peak Number 2 unknown14.23 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	5.73 ug/l	103907	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-(-)-Thiocamphor	168	C10H16S	053402-10-1	43
2	Diphenylmethane	168	C13H12	000101-81-5	38
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	25
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	25
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	25





Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN063020\
Data File : VN062237.D
Acq On : 30 Jun 2020 14:14
Operator : JC/MD
Sample : L3151-03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : BP-MW180-TB-20200626

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260

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

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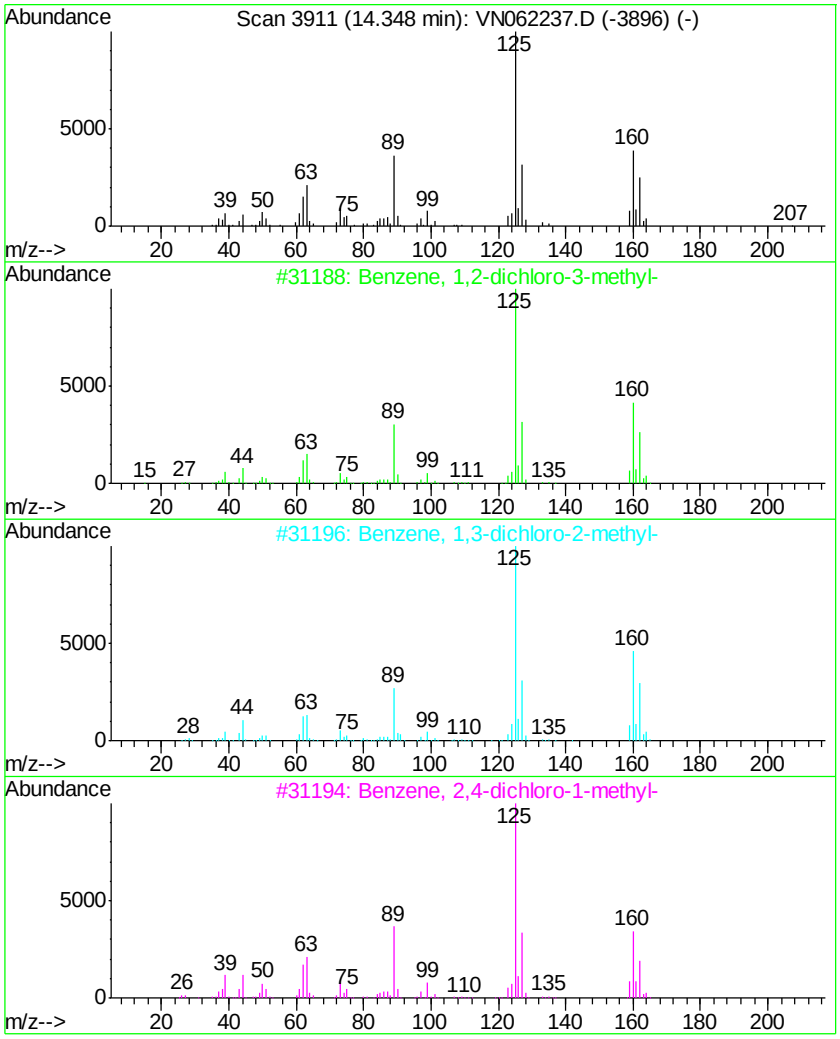
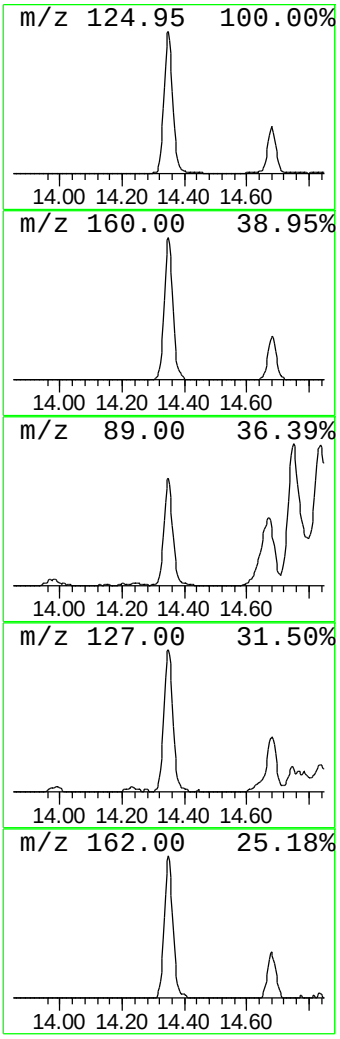
Peak Number 3 Benzene, 1,2-dichloro-3-met... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	16.88 ug/l	306052	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	98
2	Benzene, 1,3-dichloro-2-methyl-	160	C7H6Cl2	000118-69-4	97
3	Benzene, 2,4-dichloro-1-methyl-	160	C7H6Cl2	000095-73-8	96
4	Benzene, 1,4-dichloro-2-methyl-	160	C7H6Cl2	019398-61-9	96
5	Benzene, 1,3-dichloro-5-methyl-	160	C7H6Cl2	025186-47-4	96





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN063020\
Data File : VN062237.D
Acq On : 30 Jun 2020 14:14
Operator : JC/MD
Sample : L3151-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : BP-MW180-TB-20200626

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260

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

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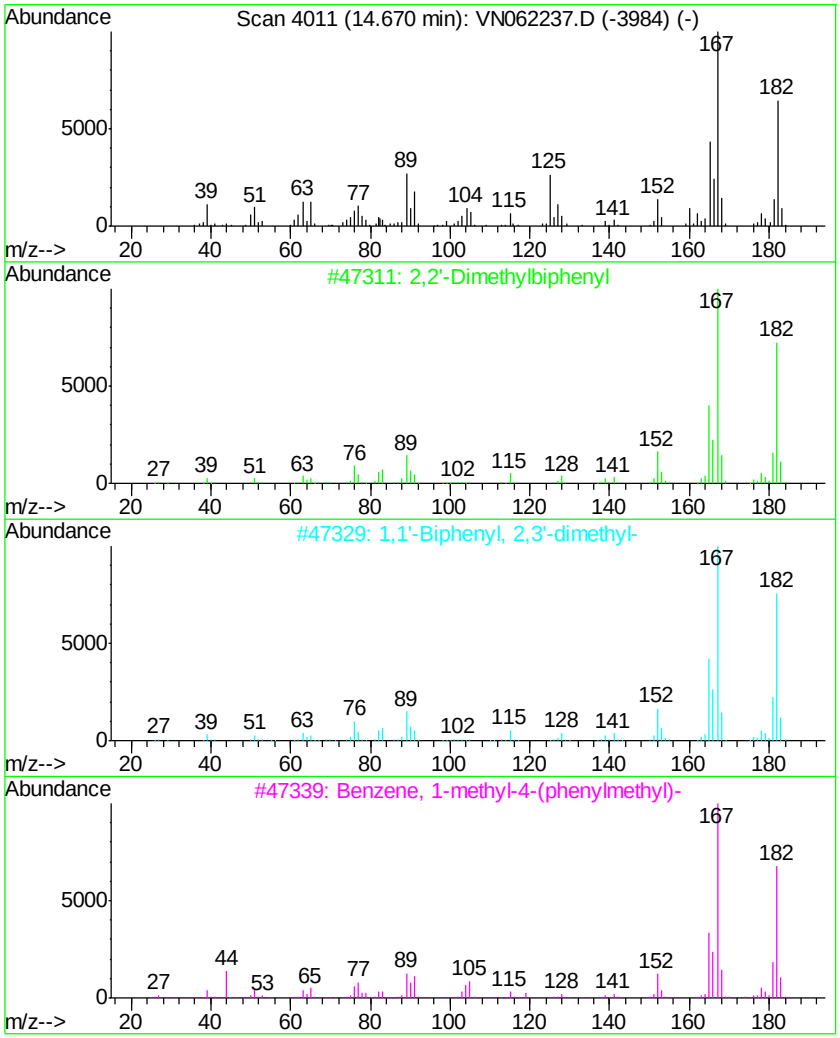
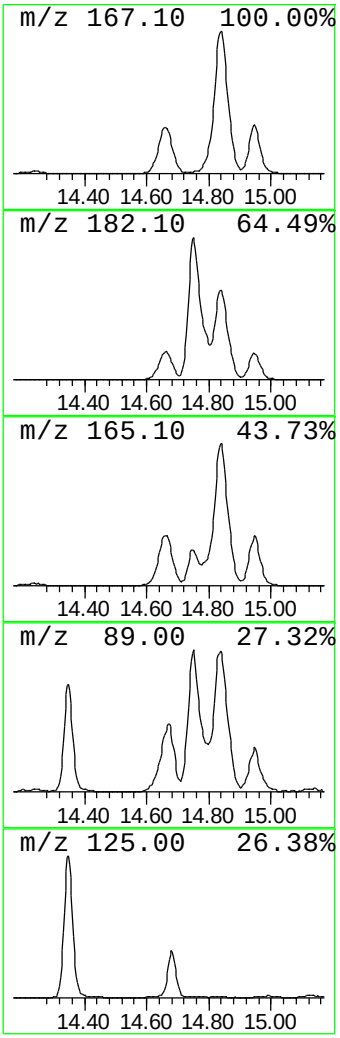
Peak Number 4 2,2'-Dimethylbiphenyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	34.94 ug/l	633358	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	98
2	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	96
3	Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	96
4	Benzene, 1-methyl-3-(phenylmethyl)-	182	C14H14	000620-47-3	95
5	Benzene, 1-methyl-2-(phenylmethyl)-	182	C14H14	000713-36-0	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN063020\
Data File : VN062237.D
Acq On : 30 Jun 2020 14:14
Operator : JC/MD
Sample : L3151-03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : BP-MW180-TB-20200626

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260

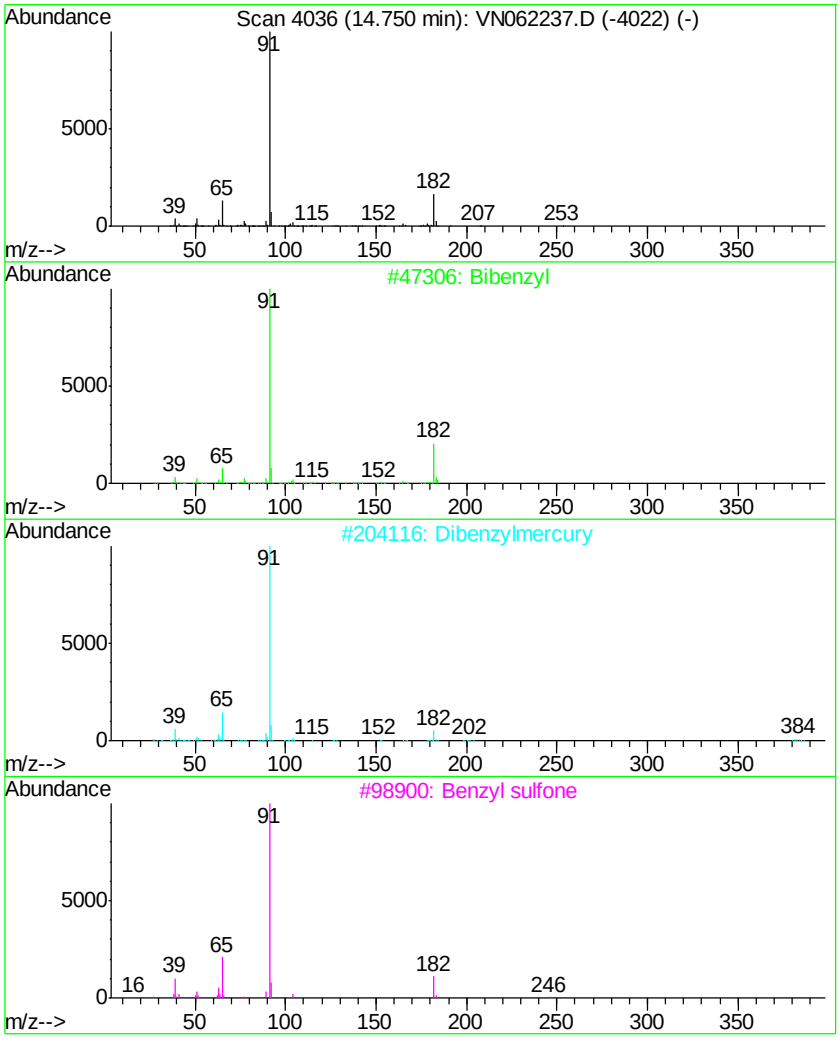
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

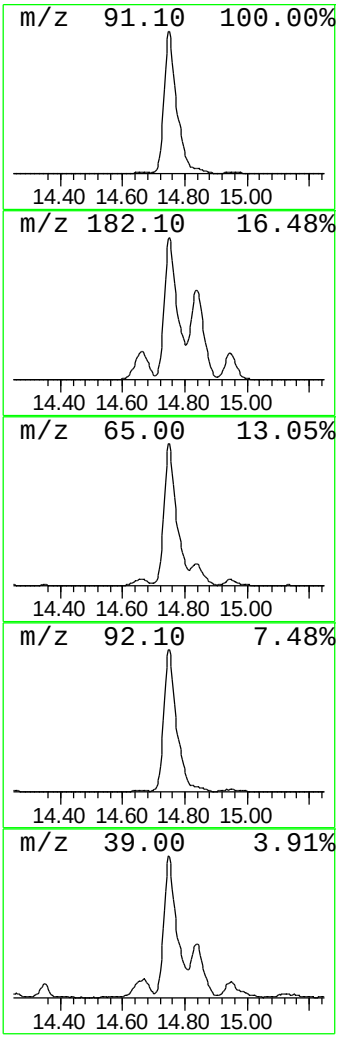
****

Peak Number 5 Bibenzyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	194.16 ug/l	3519810	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bibenzyl	182	C14H14	000103-29-7	94
2	Dibenzylmercury	384	C14H14Hg	000780-24-5	64
3	Benzyl sulfone	246	C14H14O2S	000620-32-6	53
4	4-Benzyloxy-3-iodo-5-methoxy-ben...	365	C15H12INO2	330462-56-1	50
5	4-Benzyloxy.beta.-methyl-.beta.-...	269	C16H15NO3	007176-38-7	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN063020\
Data File : VN062237.D
Acq On : 30 Jun 2020 14:14
Operator : JC/MD
Sample : L3151-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : BP-MW180-TB-20200626

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260

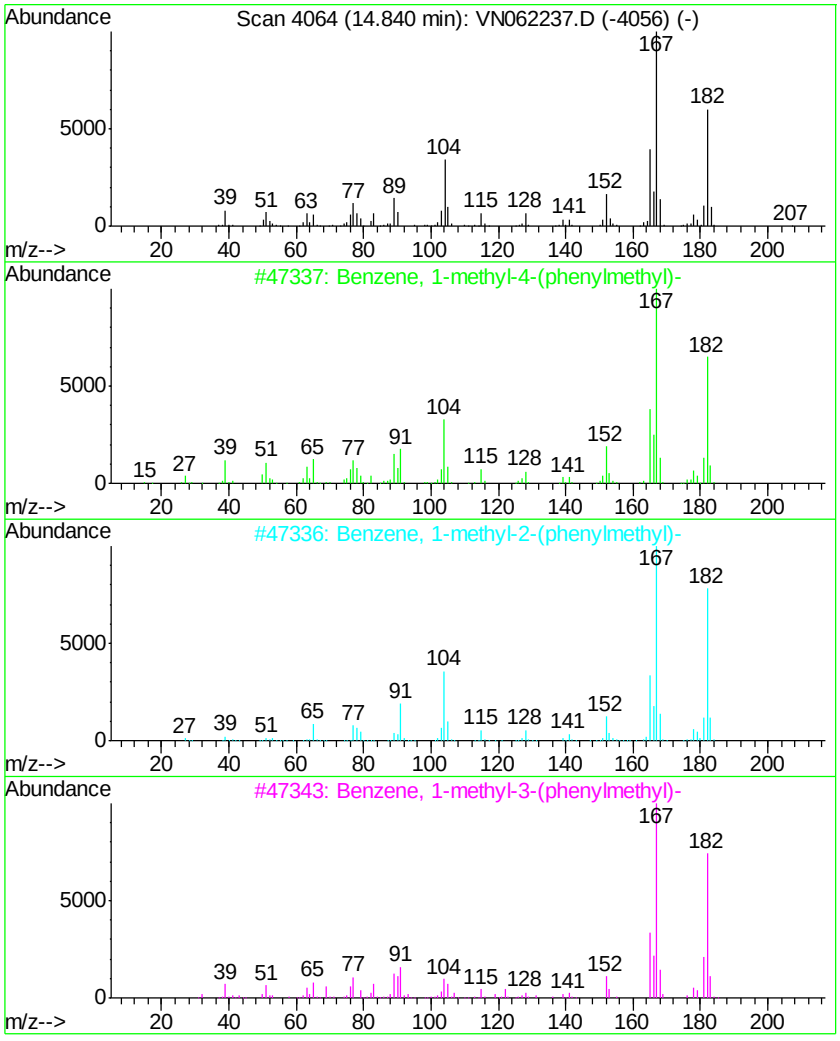
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

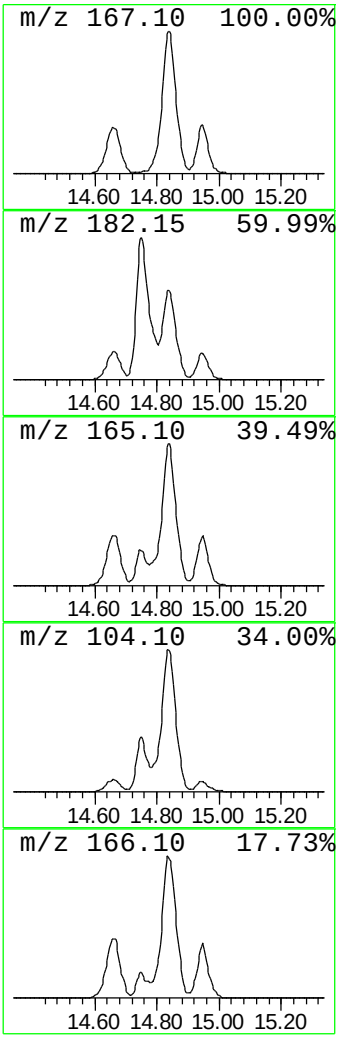
****

Peak Number 6 Benzene, 1-methyl-4-(phenyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	86.77 ug/l	1572900	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	98
2	Benzene, 1-methyl-2-(phenylmethyl)-	182	C14H14	000713-36-0	97
3	Benzene, 1-methyl-3-(phenylmethyl)-	182	C14H14	000620-47-3	93
4	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	92
5	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN063020\
Data File : VN062237.D
Acq On : 30 Jun 2020 14:14
Operator : JC/MD
Sample : L3151-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : BP-MW180-TB-20200626

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260

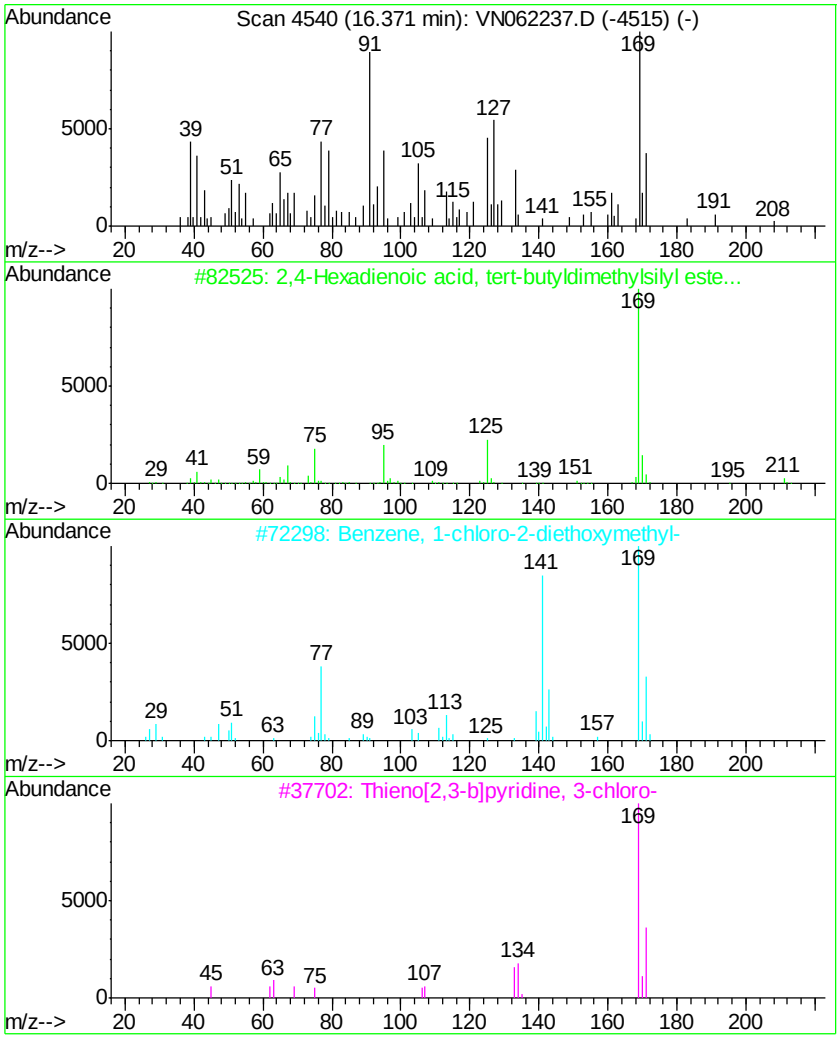
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

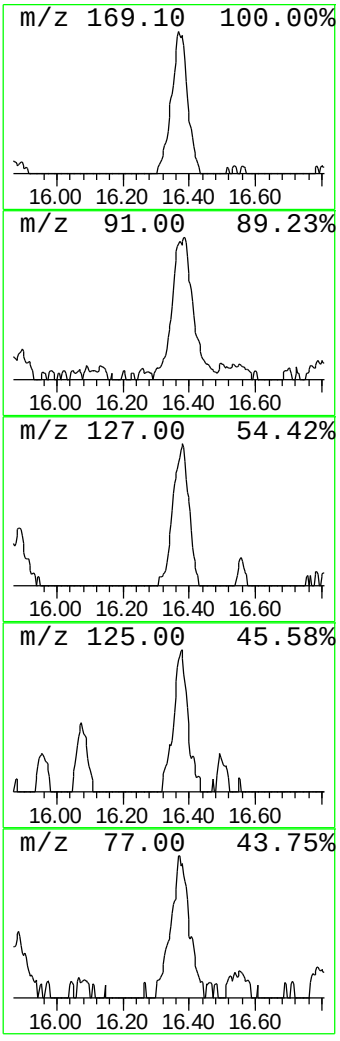
****

Peak Number 8 unknown16.37 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	9.51 ug/l	172430	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Hexadienoic acid, tert-butyl...	226	C12H22O2Si	1000373-15-7	38
2	Benzene, 1-chloro-2-diethoxymethyl-	214	C11H15ClO2	035364-86-4	35
3	Thieno[2,3-b]pyridine, 3-chloro-	169	C7H4ClNS	053399-36-3	22
4	2-Chlorophenyl isothiocyanate	169	C7H4ClNS	002740-81-0	18
5	Purine, 2-amino-6-chloro-	169	C5H4ClN5	010310-21-1	18





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN063020\
Data File : VN062237.D
Acq On : 30 Jun 2020 14:14
Operator : JC/MD
Sample : L3151-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : BP-MW180-TB-20200626

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.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
1,1'-Biphenyl, 3-...	13.98	8.3	ug/l	150249	4	13.32	906411	50.0
unknown14.23	14.23	5.7	ug/l	103907	4	13.32	906411	50.0
Benzene, 1,2-dich...	14.35	16.9	ug/l	306052	4	13.32	906411	50.0
2,2'-Dimethylbiph...	14.67	34.9	ug/l	633358	4	13.32	906411	50.0
Bibenzyl	14.75	194.2	ug/l	3519810	4	13.32	906411	50.0
Benzene, 1-methyl...	14.84	86.8	ug/l	1572900	4	13.32	906411	50.0
unknown16.37	16.37	9.5	ug/l	172430	4	13.32	906411	50.0