LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011819\
Data File : VW008359.D
Acq On : 18 Jan 2019 16:36
Operator : SY/VA
Sample : K1015-11
Misc : 6.57G/5ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SU-01-011719-B

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_W\METHOD\82W011719S.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	4.916	481	494	507	rBV3	18911	69368	2.04%	0.775%
2	7.141	849	859	871	rBV	81918	225792	6.64%	2.522%
3	7.885	971	981	986	rBV	81457	189635	5.57%	2.118%
4	7.946	986	991	1002	rVB	128491	282244	8.30%	3.153%
5	8.256	1034	1042	1045	rBV2	38161	86738	2.55%	0.969%
6	8.305	1045	1050	1058	rVB	73402	164985	4.85%	1.843%
7	8.842	1128	1138	1148	rBV	202612	402950	11.85%	4.501%
8	10.323	1374	1381	1388	rBV	334931	581716	17.10%	6.498%
9	11.634	1589	1596	1606	rVB	283349	480786	14.13%	5.370%
10	12.621	1748	1758	1766	rBV2	230942	380946	11.20%	4.255%
11	13.256	1854	1862	1867	rBV2	20129	34442	1.01%	0.385%
12	13.560	1905	1912	1921	rBV	289070	474495	13.95%	5.300%
13	13.762	1939	1945	1956	rVB2	44342	79697	2.34%	0.890%
14	13.944	1967	1975	1982	rBV	56876	94610	2.78%	1.057%
15	14.810	2109	2117	2123	rBV4	29853	69196	2.03%	0.773%
16	14.877	2123	2128	2136	rVB2	25183	45088	1.33%	0.504%
17	14.963	2136	2142	2149	rVB2	36135	65108	1.91%	0.727%
18	15.371	2200	2209	2217	rVB	1963145	3401738	100.00%	37.996%
19	15.475	2219	2226	2233	rBV	56882	107714	3.17%	1.203%
20	16.450	2379	2386	2399	rVB	472898	998097	29.34%	11.148%
21	16.657	2412	2420	2429	rVB	326179	717504	21.09%	8.014%

Sum of corrected areas: 8952849

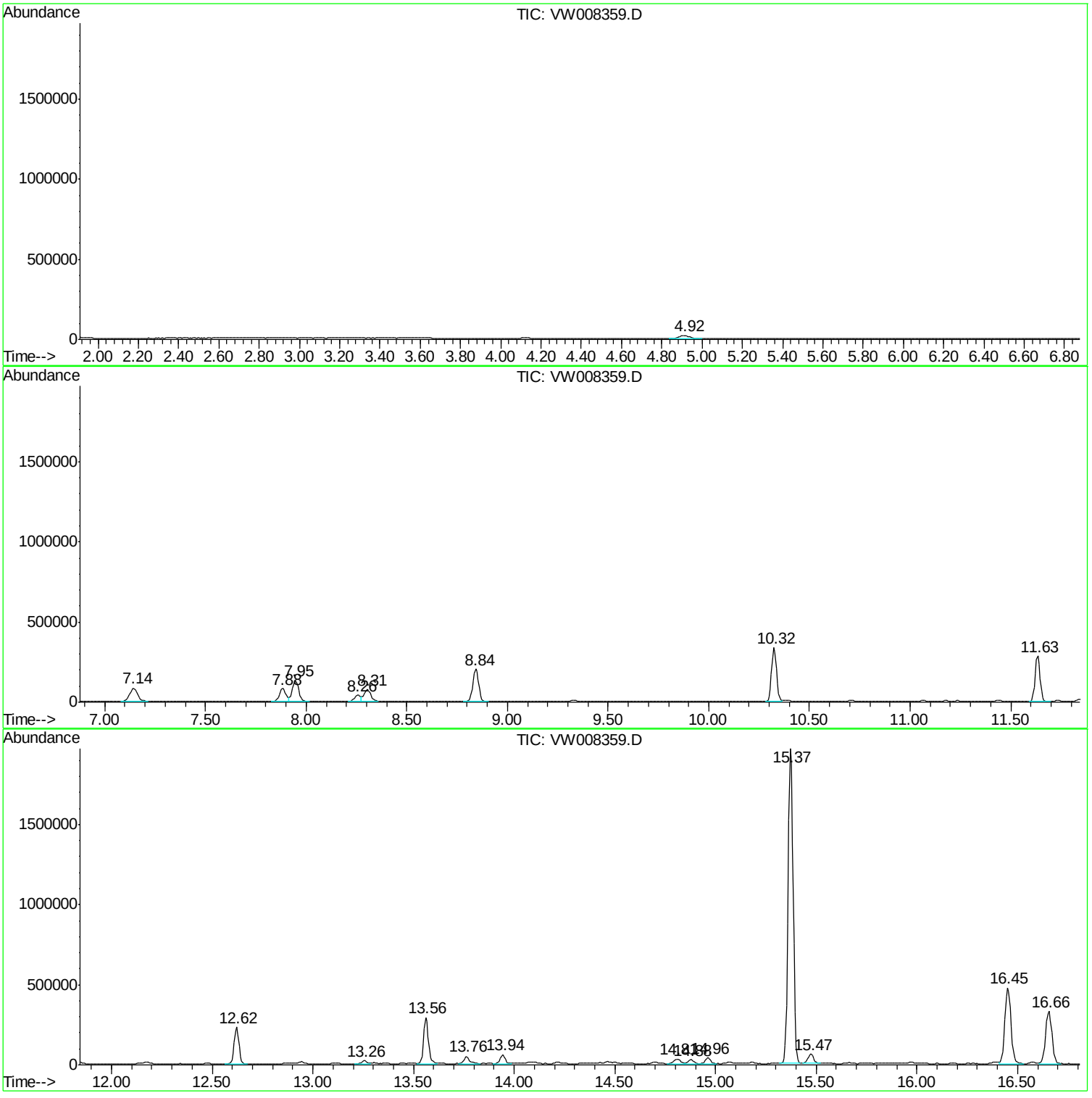
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011819\
Data File : VW008359.D
Acq On : 18 Jan 2019 16:36
Operator : SY/VA
Sample : K1015-11
Misc : 6.57G/5ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SU-01-011719-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.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 W\DATA\VW011819\
Data File : VW008359.D
Acq On : 18 Jan 2019 16:36
Operator : SY/VA
Sample : K1015-11
Misc : 6.57G/5ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SU-01-011719-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
Quant Title : SW846 8260

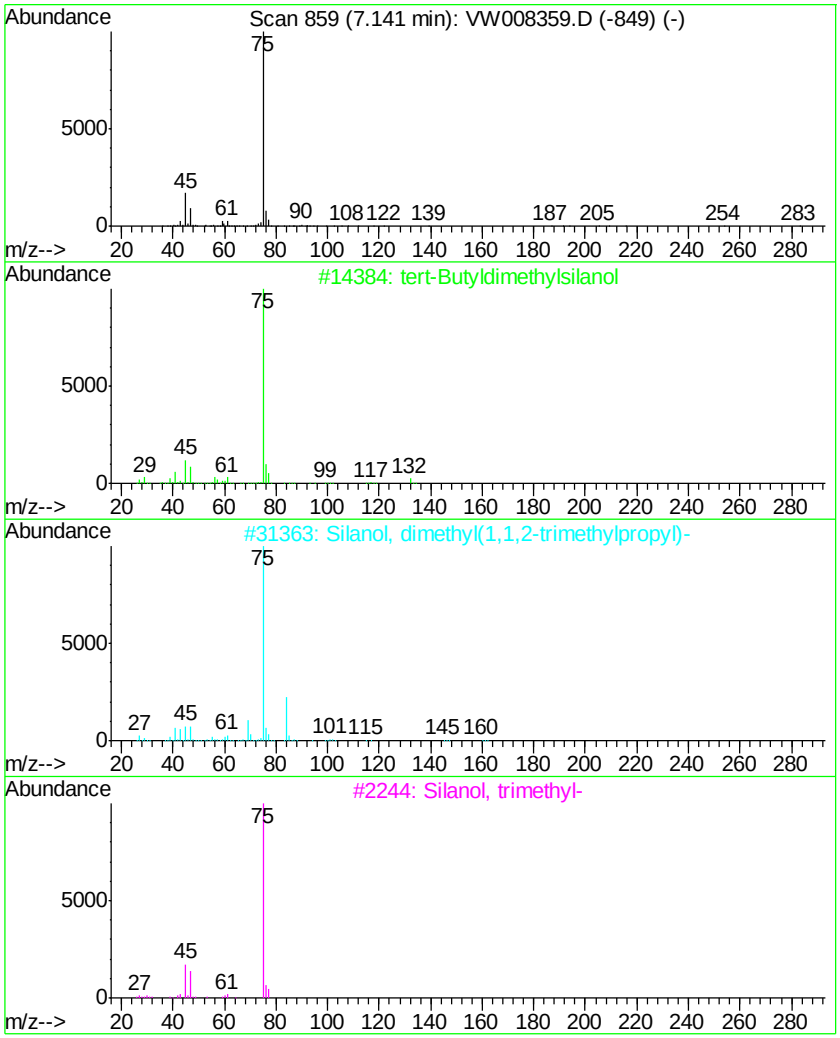
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

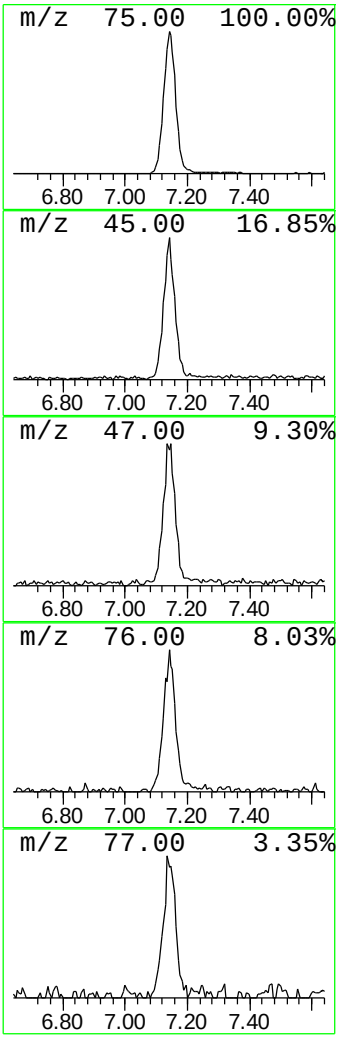
****

Peak Number 1 tert-Butyldimethylsilanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	40.00 ug/l	225792	Pentafluorobenzene	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	tert-Butyldimethylsilanol	132	C6H16OSi	018173-64-3	64
2	Silanol, dimethyl(1,1,2-trimethy...	160	C8H20OSi	055644-10-5	56
3	Silanol, trimethyl-	90	C3H10OSi	001066-40-6	56
4	Ethanol, 2-(trimethylsilyl)-	118	C5H14OSi	002916-68-9	40
5	Ethanethioamide	75	C2H5NS	000062-55-5	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011819\
Data File : VW008359.D
Acq On : 18 Jan 2019 16:36
Operator : SY/VA
Sample : K1015-11
Misc : 6.57G/5ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SU-01-011719-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
Quant Title : SW846 8260

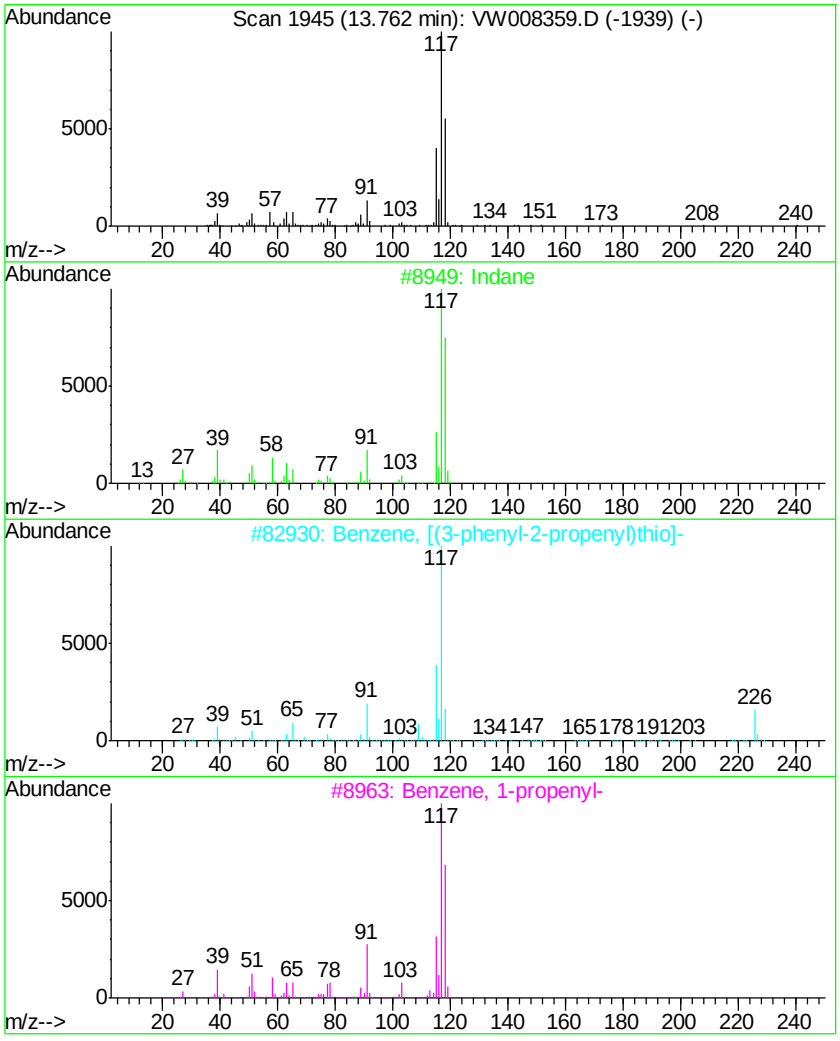
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

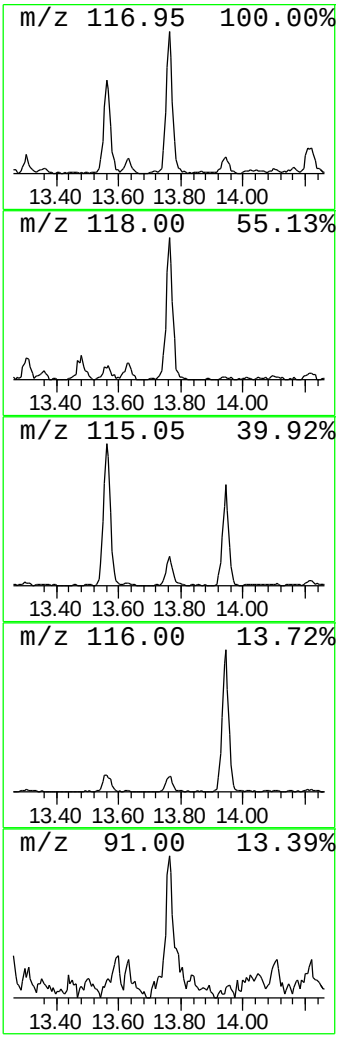
****

Peak Number 2 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	8.40 ug/l	79697	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	70
2	Benzene, [(3-phenyl-2-propenyl)t...	226	C15H14S	010276-14-9	53
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	53
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	53
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011819\
Data File : VW008359.D
Acq On : 18 Jan 2019 16:36
Operator : SY/VA
Sample : K1015-11
Misc : 6.57G/5ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SU-01-011719-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
Quant Title : SW846 8260

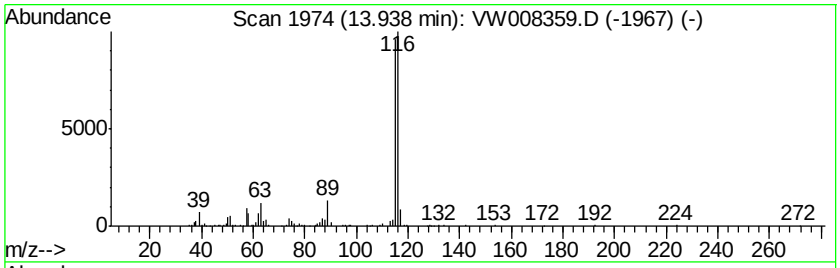
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

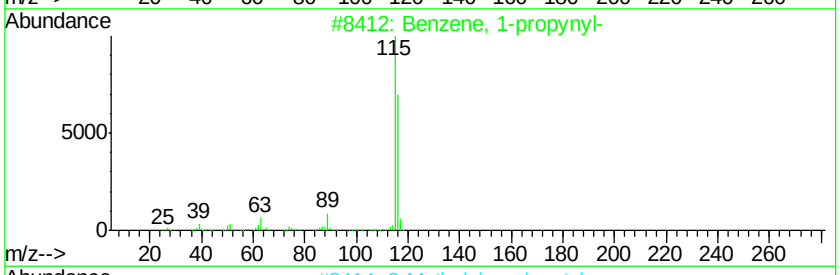
****

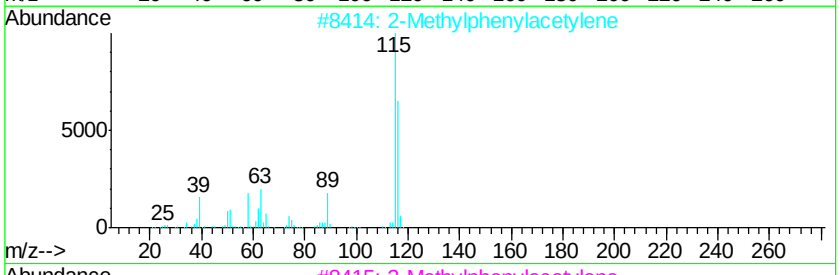
Peak Number 3 Benzene, 1-propynyl- Concentration Rank 5

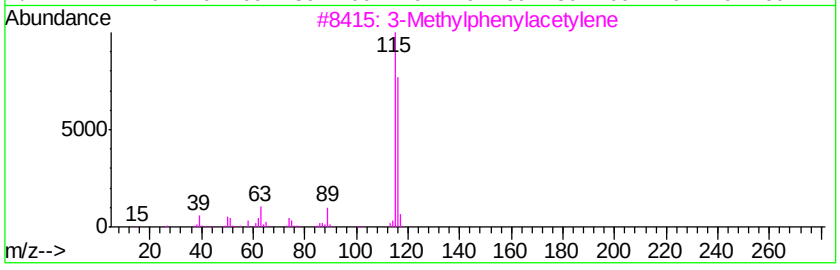
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	9.97 ug/l	94610	1,4-Dichlorobenzene-d4	13.56

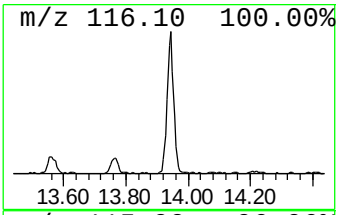
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	93
2	2-Methylphenylacetylene	116	C9H8	000766-47-2	91
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
5	Indene	116	C9H8	000095-13-6	90

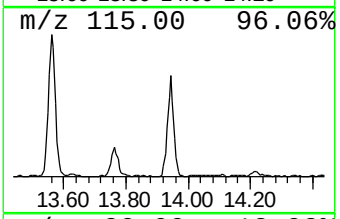


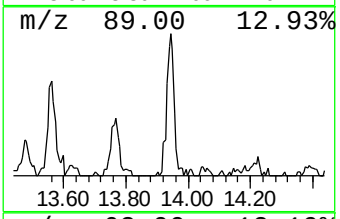


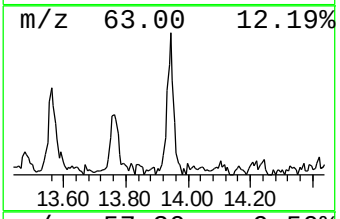


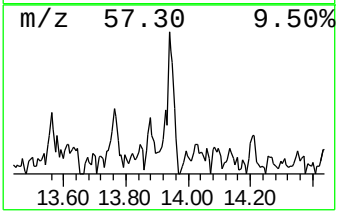












Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011819\
Data File : VW008359.D
Acq On : 18 Jan 2019 16:36
Operator : SY/VA
Sample : K1015-11
Misc : 6.57G/5ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SU-01-011719-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
Quant Title : SW846 8260

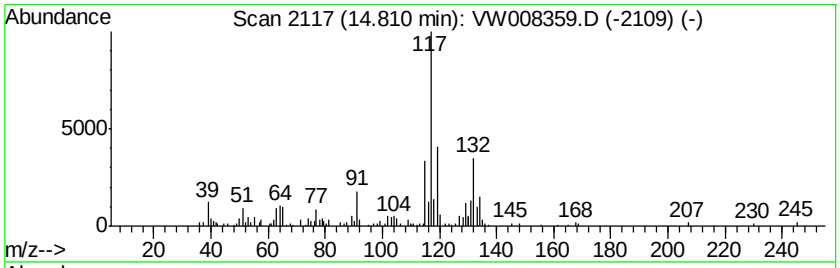
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

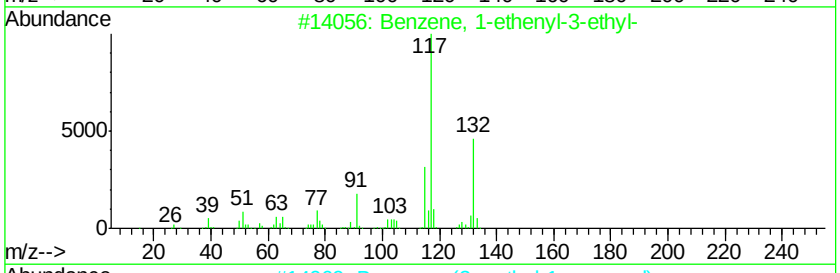
****

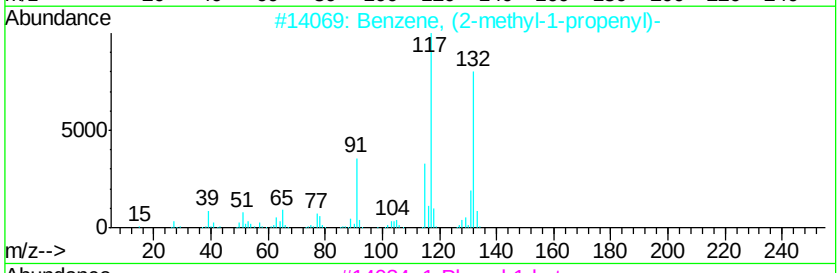
Peak Number 4 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 7

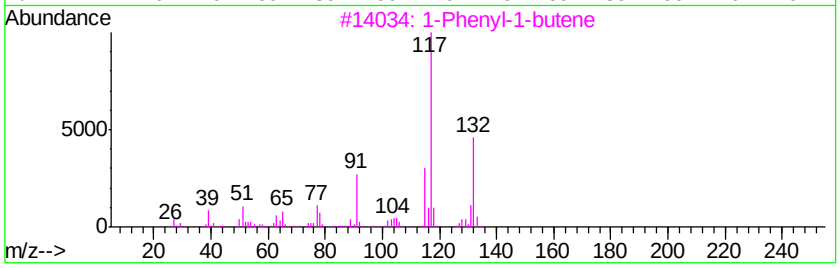
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	7.29 ug/l	69196	1,4-Dichlorobenzene-d4	13.56

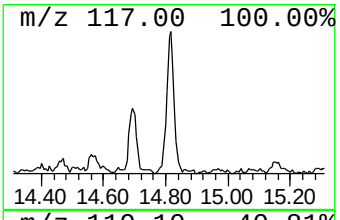
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	64
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	64
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	64
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	60

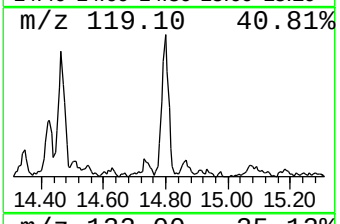


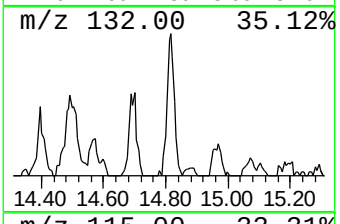


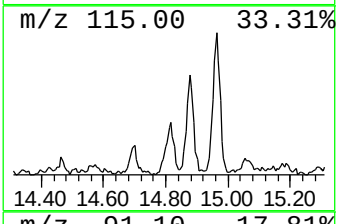


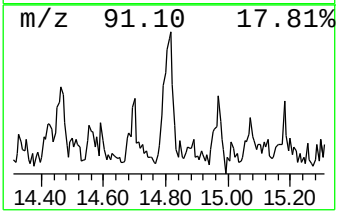












Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011819\
Data File : VW008359.D
Acq On : 18 Jan 2019 16:36
Operator : SY/VA
Sample : K1015-11
Misc : 6.57G/5ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SU-01-011719-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
Quant Title : SW846 8260

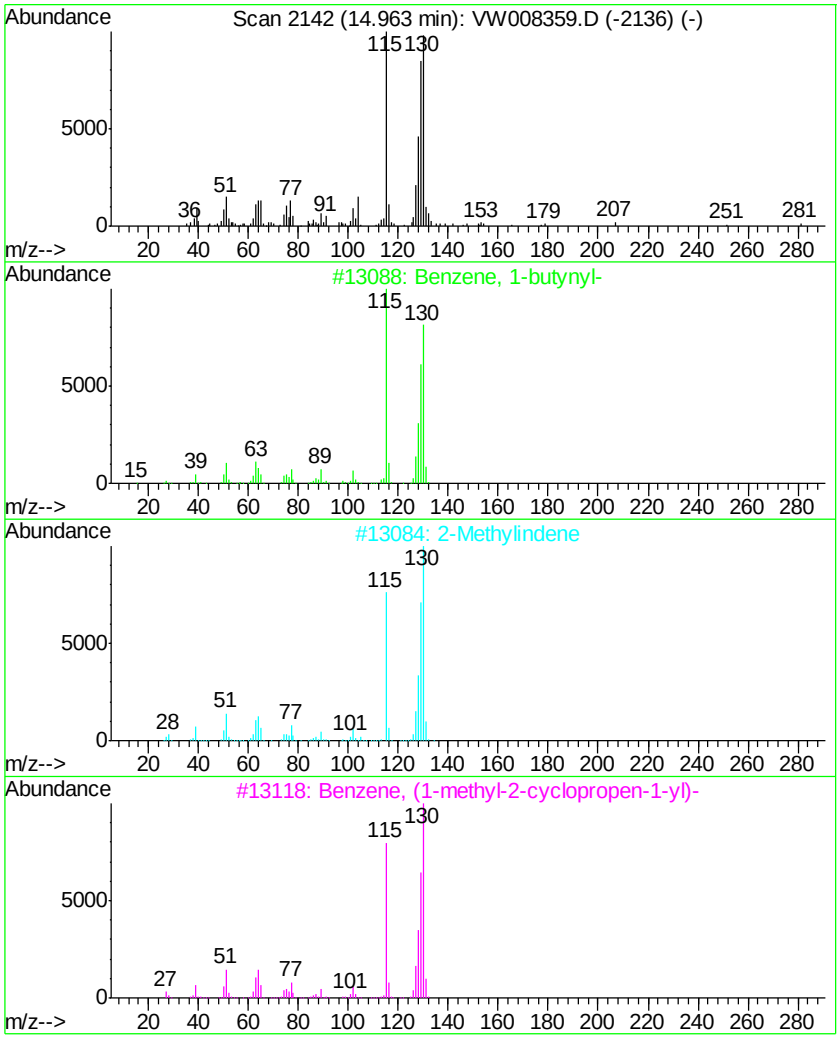
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

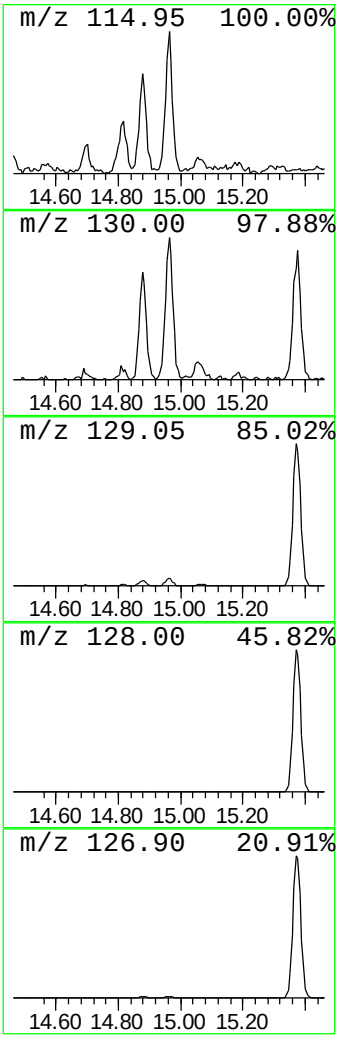
****

Peak Number 5 Benzene, 1-butynyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	6.86 ug/l	65108	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butynyl-	130	C10H10	000622-76-4	97
2	2-Methylindene	130	C10H10	002177-47-1	96
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94





Library Search Compound Report

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ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SU-01-011719-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
Quant Title : SW846 8260

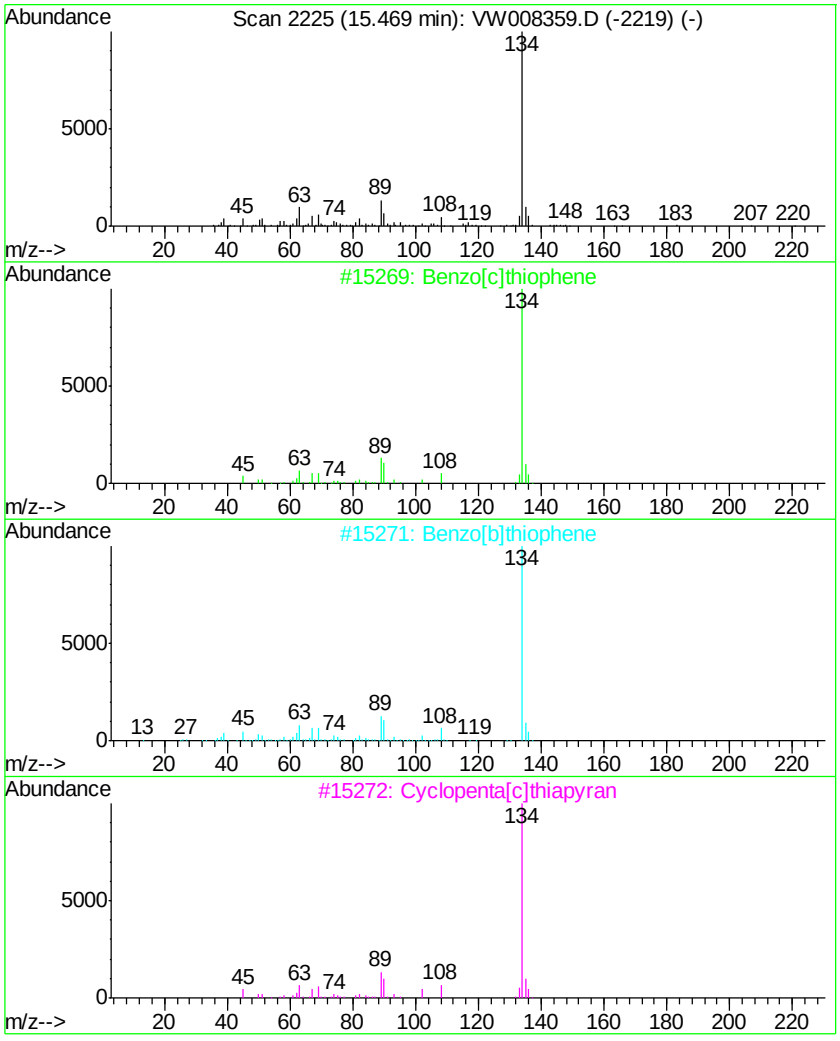
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

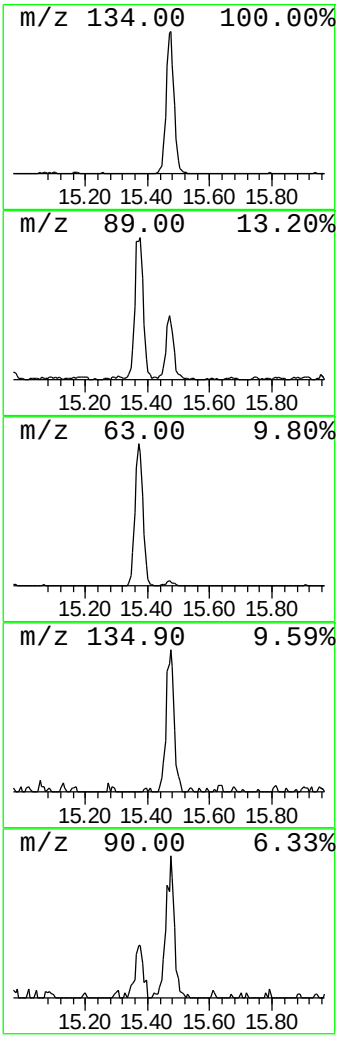
****

Peak Number 6 Benzo[c]thiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	11.35 ug/l	107714	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	95
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
3	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	90
4	5H-Pyrrolo(3,2-d)pyrimidin-4-amine	134	C6H6N4	002227-98-7	59
5	Thiazole, 2-methyl-4-phenyl-	175	C10H9NS	001826-16-0	56





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011819\
Data File : VW008359.D
Acq On : 18 Jan 2019 16:36
Operator : SY/VA
Sample : K1015-11
Misc : 6.57G/5ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SU-01-011719-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
Quant Title : SW846 8260

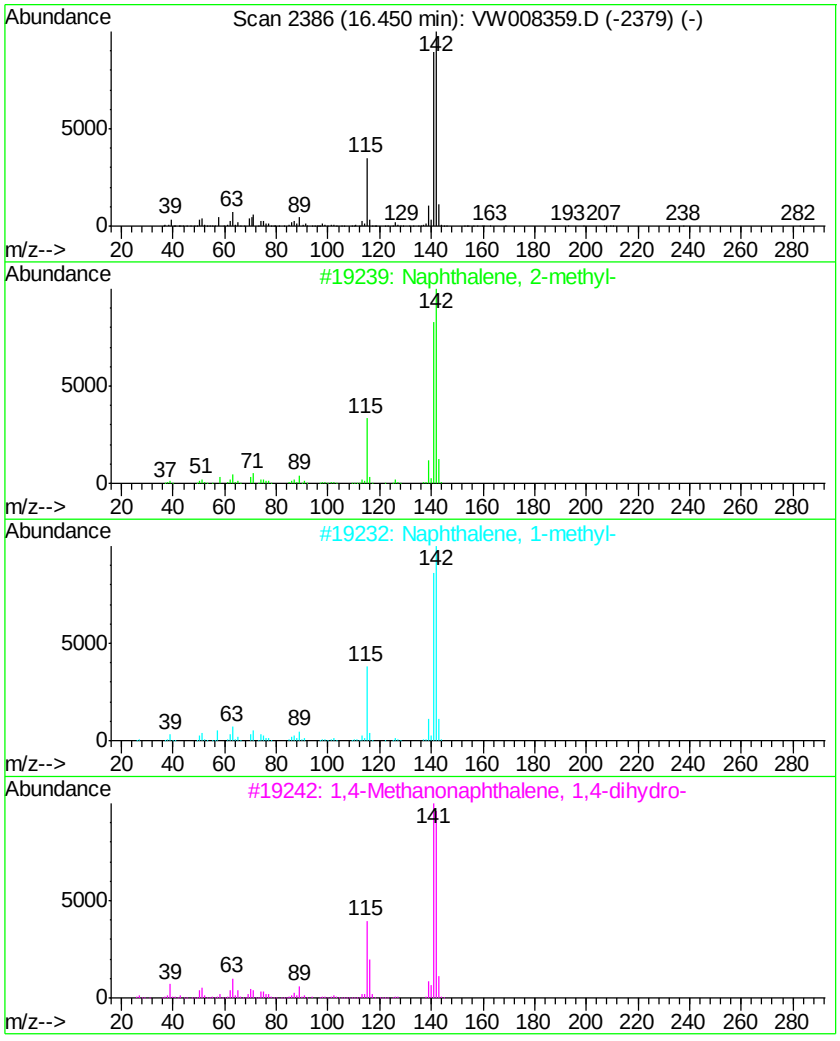
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

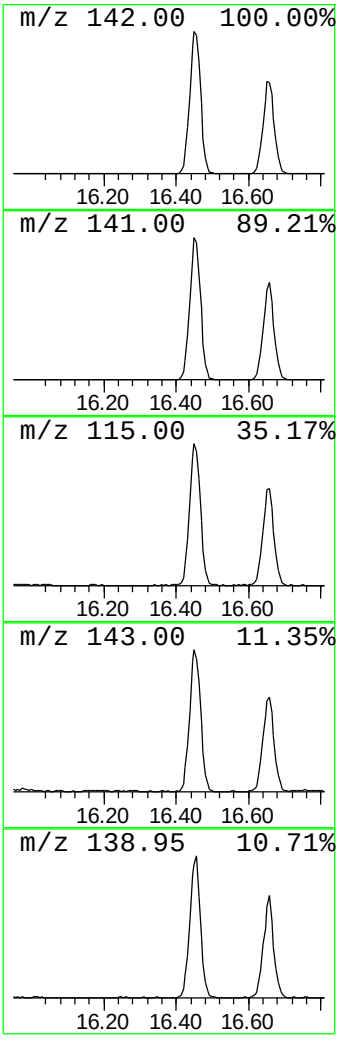
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	105.18 ug/l	998097	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011819\
Data File : VW008359.D
Acq On : 18 Jan 2019 16:36
Operator : SY/VA
Sample : K1015-11
Misc : 6.57G/5ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SU-01-011719-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.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
tert-Butyldimethy...	7.14	40.0	ug/l	225792	1	7.95	282244	50.0
Indane	13.76	8.4	ug/l	79697	4	13.56	474495	50.0
Benzene, 1-propynyl-	13.94	10.0	ug/l	94610	4	13.56	474495	50.0
Benzene, 1-etheny...	14.81	7.3	ug/l	69196	4	13.56	474495	50.0
Benzene, 1-butynyl-	14.96	6.9	ug/l	65108	4	13.56	474495	50.0
Benzo[c]thiophene	15.47	11.4	ug/l	107714	4	13.56	474495	50.0
Naphthalene, 1-me...	16.45	105.2	ug/l	998097	4	13.56	474495	50.0