LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020819\
Data File : VW008574.D
Acq On : 08 Feb 2019 15:15
Operator : SY/VA
Sample : K1401-03
Misc : 5.58G/5ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : RBR-200028

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\82W012419S.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	7.885	971	981	985	rBV	352013	830727	2.04%	1.013%
2	7.946	985	991	1001	rVB	623738	1379479	3.39%	1.682%
3	8.305	1041	1050	1060	rBV	353152	782605	1.92%	0.954%
4	8.842	1129	1138	1147	rBV	940416	1858154	4.57%	2.266%
5	10.323	1373	1381	1388	rBV	1484805	2627719	6.46%	3.204%
6	11.634	1587	1596	1605	rBV	1311368	2223660	5.47%	2.712%
7	12.469	1726	1733	1743	rBV	684513	1164567	2.86%	1.420%
8	12.621	1750	1758	1766	rBV	1083463	1754867	4.31%	2.140%
9	13.274	1855	1865	1874	rBV2	561236	1322157	3.25%	1.612%
10	13.481	1888	1899	1900	rBV2	202865	410343	1.01%	0.500%
11	13.560	1906	1912	1921	rVB2	1243899	2154734	5.30%	2.628%
12	13.762	1933	1945	1959	rBV	1412043	2535999	6.23%	3.092%
13	13.938	1968	1974	1981	rBV	571814	956493	2.35%	1.166%
14	14.493	2056	2065	2072	rVV3	355637	865525	2.13%	1.055%
15	14.694	2093	2098	2102	rBV	330166	521492	1.28%	0.636%
16	14.816	2110	2118	2122	rBV2	628421	1314519	3.23%	1.603%
17	14.969	2138	2143	2147	rBV4	234444	432256	1.06%	0.527%
18	15.371	2202	2209	2217	rBV	22707266	40685341	100.00%	49.612%
19	15.475	2221	2226	2230	rVV	418071	755091	1.86%	0.921%
20	15.743	2266	2270	2277	rBV6	312858	601924	1.48%	0.734%
21	16.450	2379	2386	2396	rVB	4602422	9685011	23.80%	11.810%
22	16.651	2413	2419	2432	rVB	2694936	7143839	17.56%	8.711%

Sum of corrected areas: 82006502

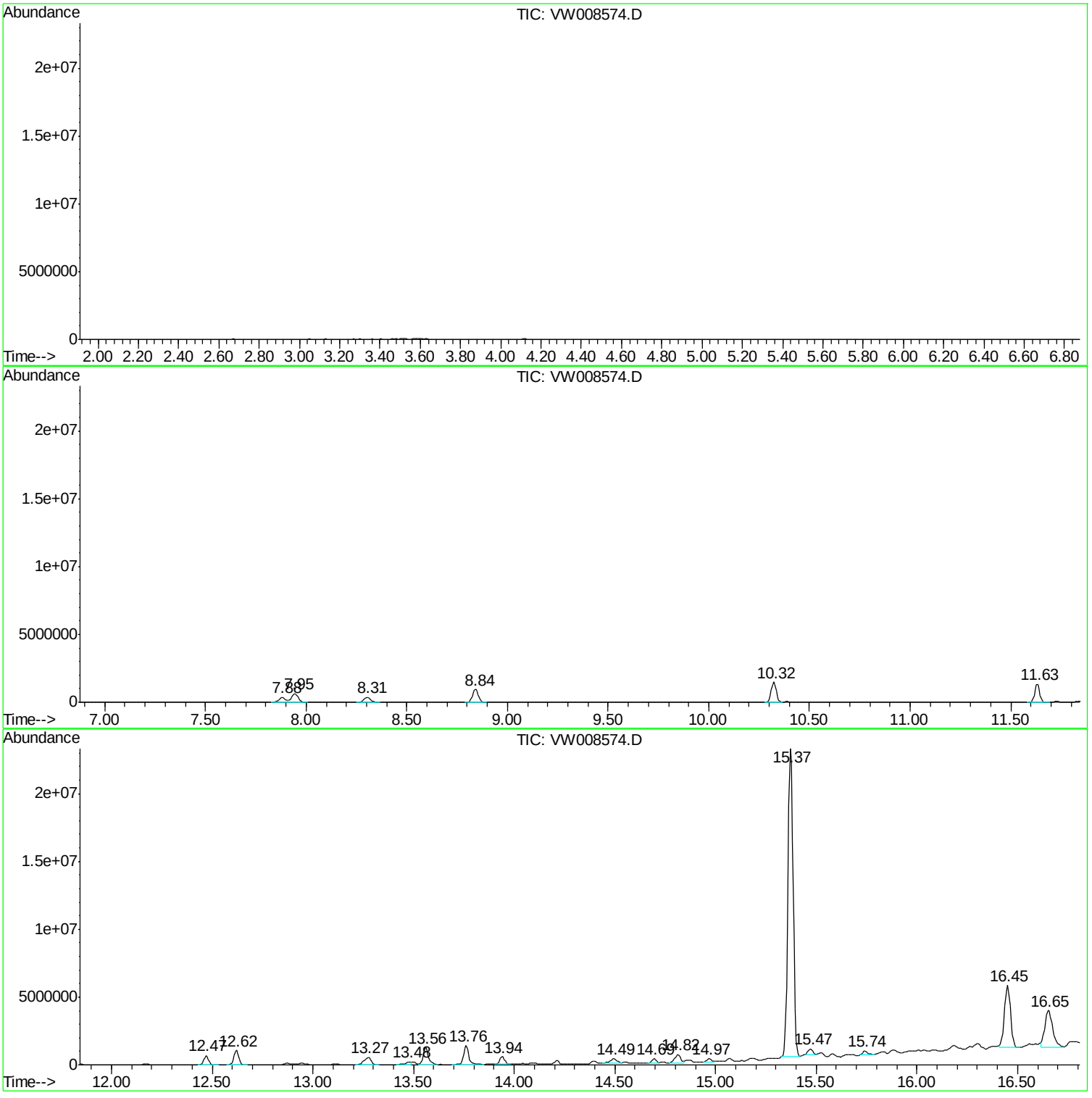
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020819\
Data File : VW008574.D
Acq On : 08 Feb 2019 15:15
Operator : SY/VA
Sample : K1401-03
Misc : 5.58G/5ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : RBR-200028

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.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\VW020819\
Data File : VW008574.D
Acq On : 08 Feb 2019 15:15
Operator : SY/VA
Sample : K1401-03
Misc : 5.58G/5ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : RBR-200028

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260

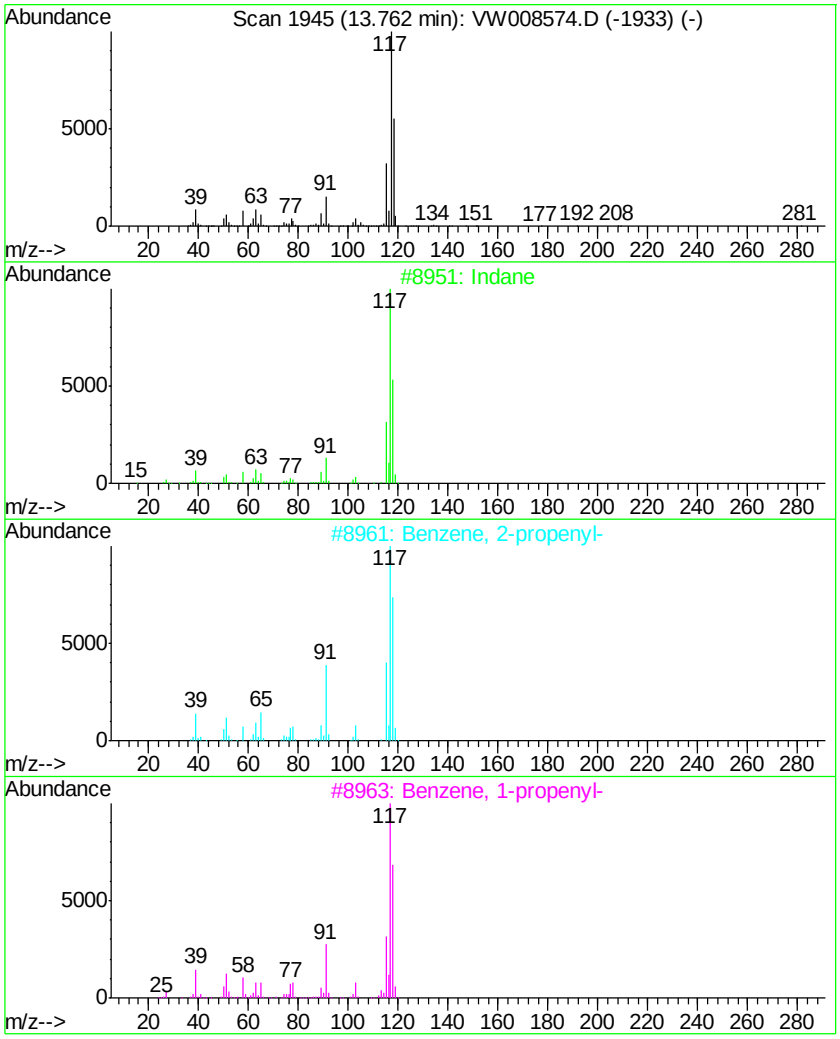
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

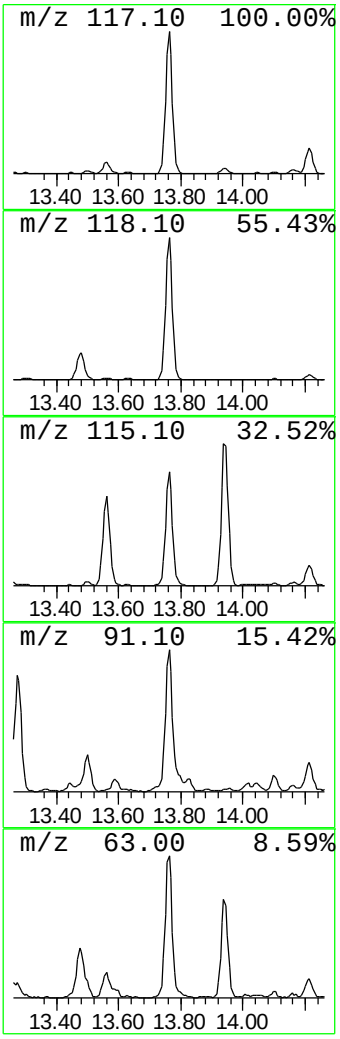
****

Peak Number 1 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	58.85 ug/l	2536000	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	74
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	74
4	Deltacyclene	118	C9H10	007785-10-6	72
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020819\
Data File : VW008574.D
Acq On : 08 Feb 2019 15:15
Operator : SY/VA
Sample : K1401-03
Misc : 5.58G/5ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : RBR-200028

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260

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

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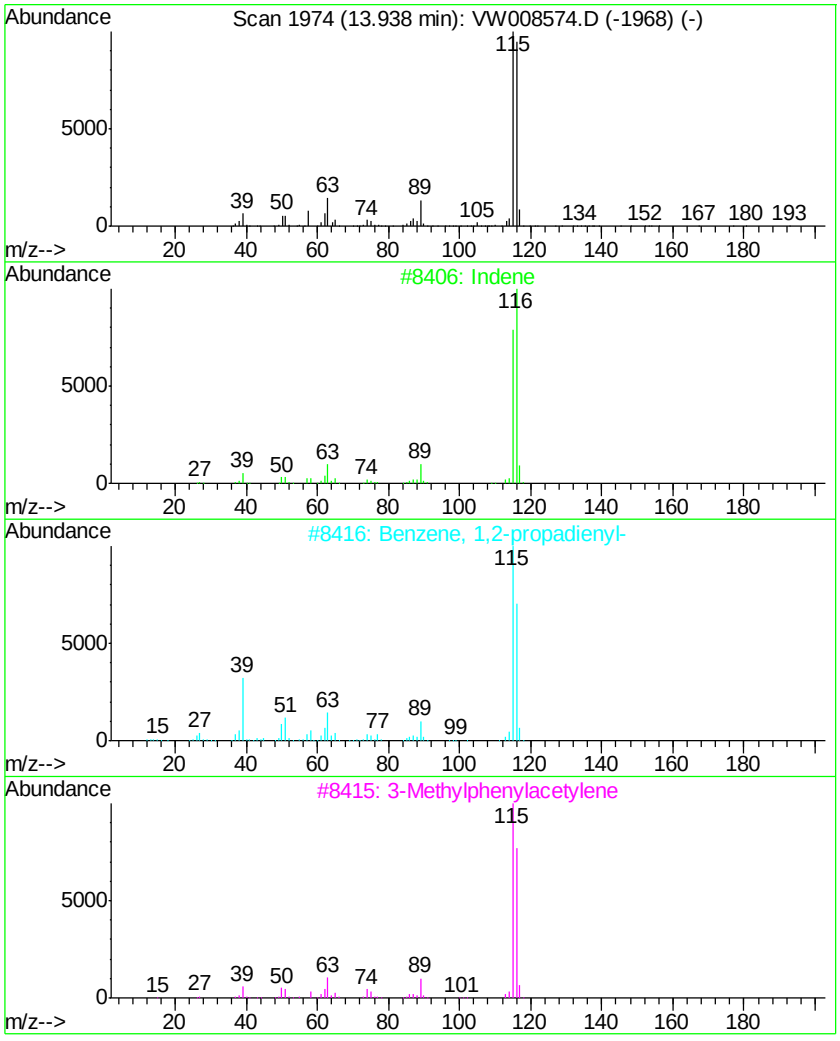
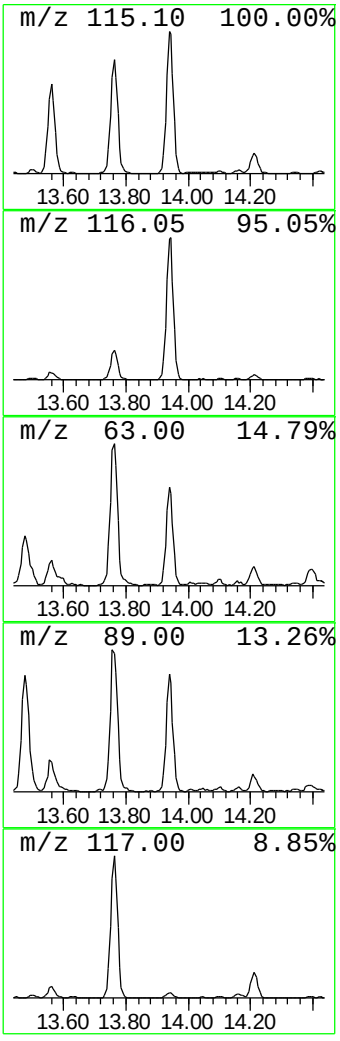
Peak Number 2 Indene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	22.20 ug/l	956493	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	95
2	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4	2-Methylphenylacetylene	116	C9H8	000766-47-2	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020819\
Data File : VW008574.D
Acq On : 08 Feb 2019 15:15
Operator : SY/VA
Sample : K1401-03
Misc : 5.58G/5ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : RBR-200028

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260

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

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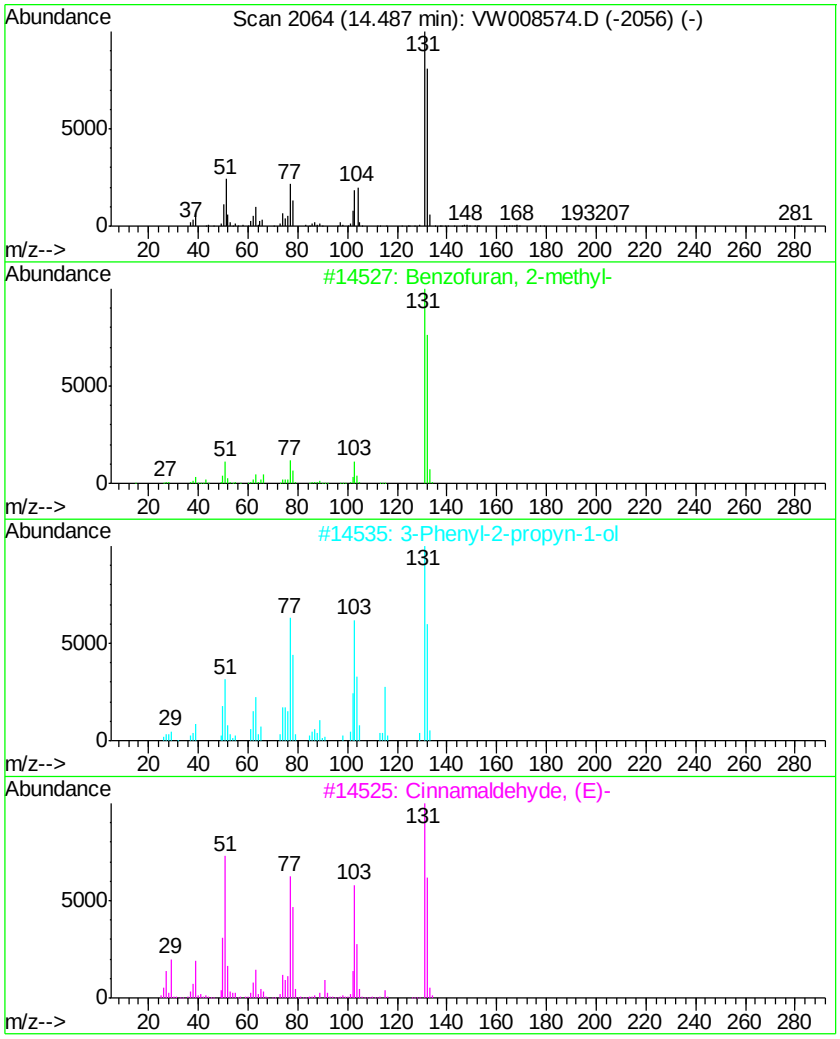
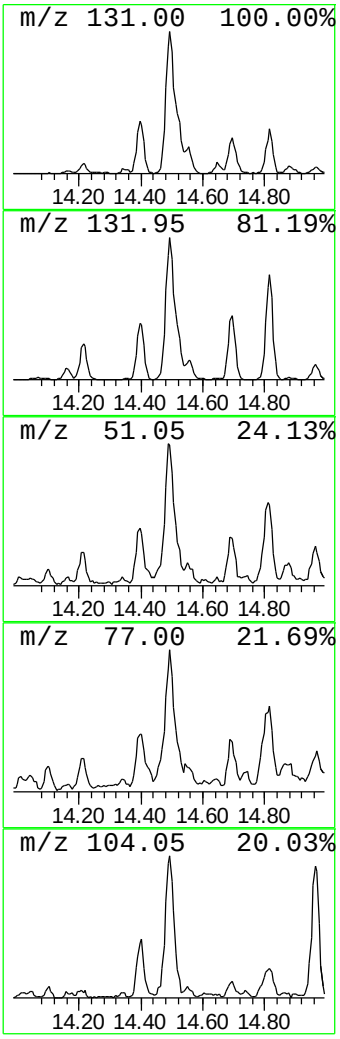
Peak Number 3 Benzofuran, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	20.08 ug/l	865525	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
3	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	90
4	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	87
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020819\
Data File : VW008574.D
Acq On : 08 Feb 2019 15:15
Operator : SY/VA
Sample : K1401-03
Misc : 5.58G/5ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : RBR-200028

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260

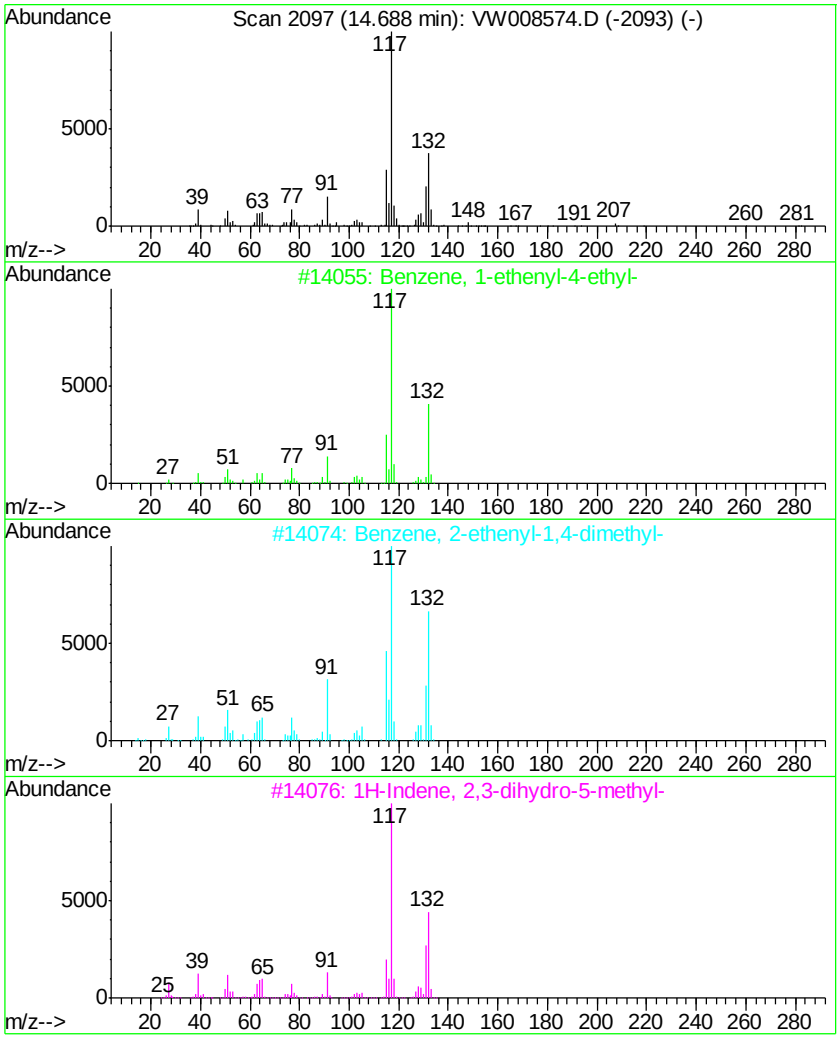
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

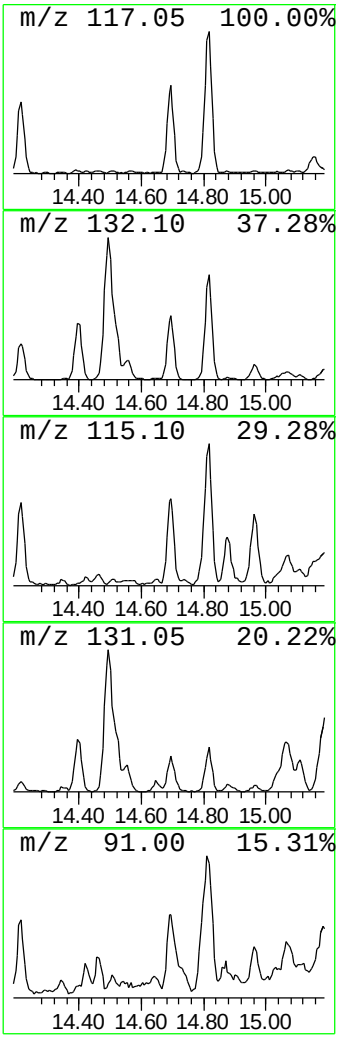
****

Peak Number 4 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	12.10 ug/l	521492	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020819\
Data File : VW008574.D
Acq On : 08 Feb 2019 15:15
Operator : SY/VA
Sample : K1401-03
Misc : 5.58G/5ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : RBR-200028

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260

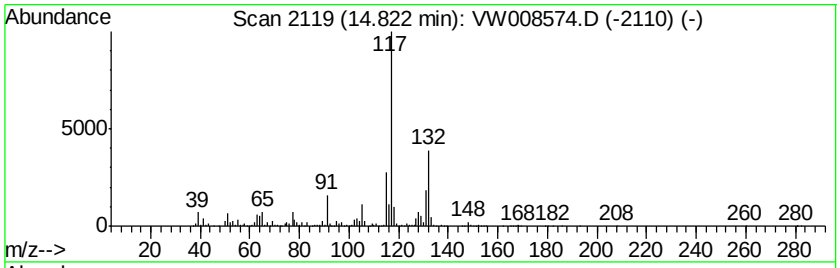
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

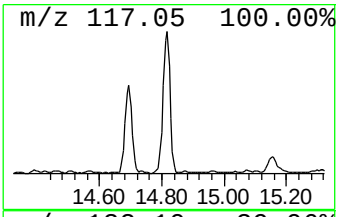
****

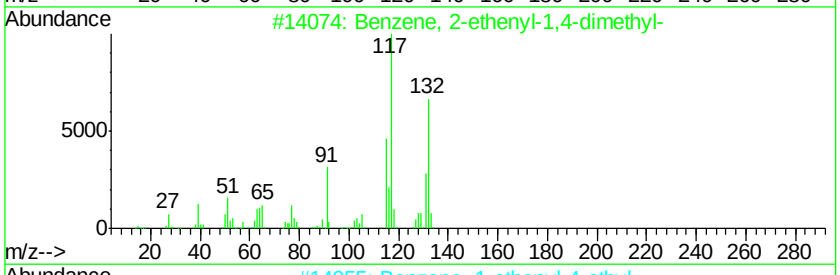
Peak Number 5 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 4

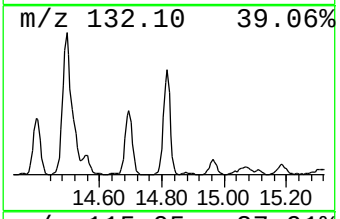
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	30.50 ug/l	1314520	1,4-Dichlorobenzene-d4	13.56

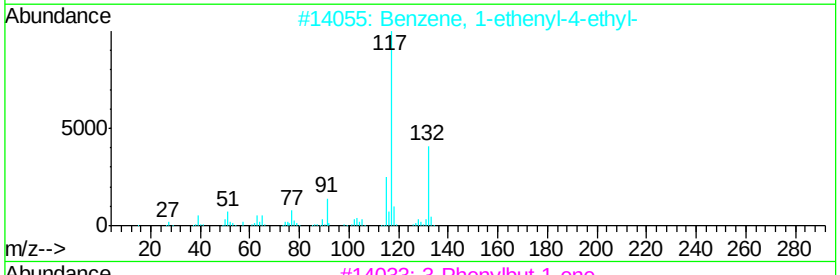
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	91
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	87

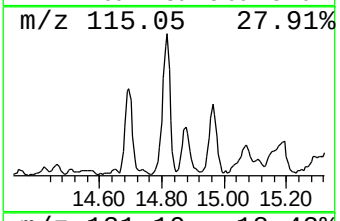


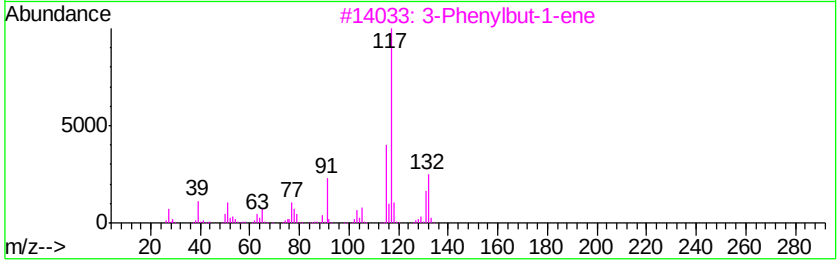


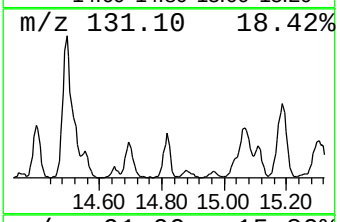


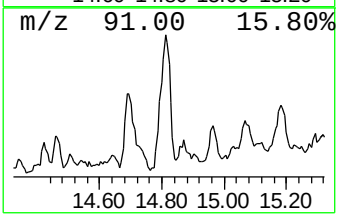












Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020819\
Data File : VW008574.D
Acq On : 08 Feb 2019 15:15
Operator : SY/VA
Sample : K1401-03
Misc : 5.58G/5ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : RBR-200028

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260

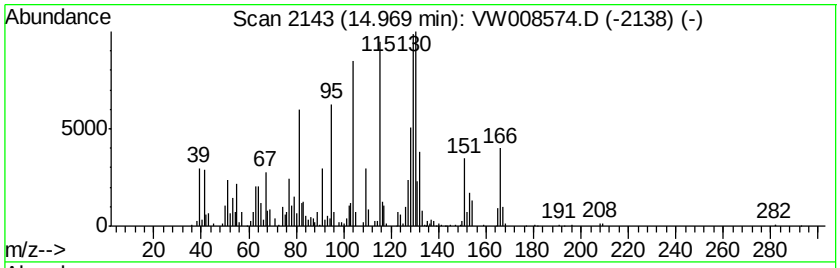
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

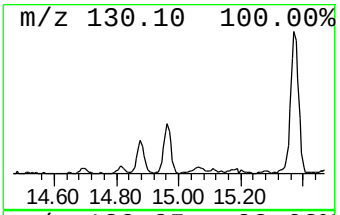
****

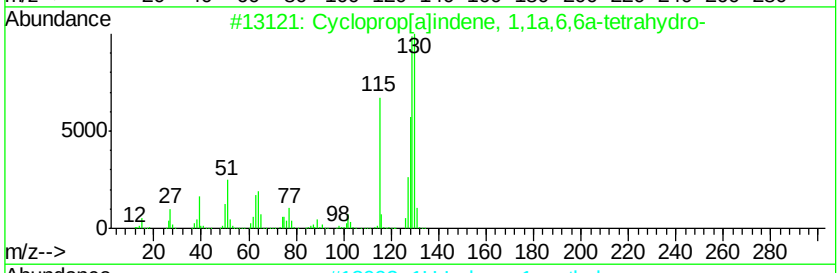
Peak Number 6 Cycloprop[a]indene, 1,1a,6,... Concentration Rank 10

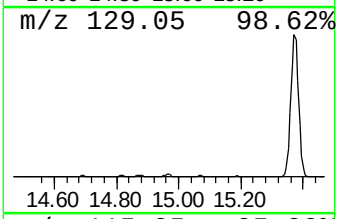
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	10.03 ug/l	432256	1,4-Dichlorobenzene-d4	13.56

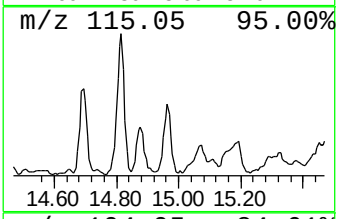
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	89
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	86
3	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	62
4	Tetracyclo[5.3.0.0<2,6>.0<3,10>]...	130	C10H10	034324-40-8	60
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	52

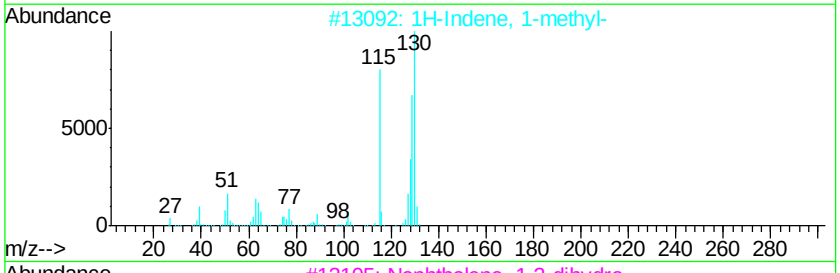


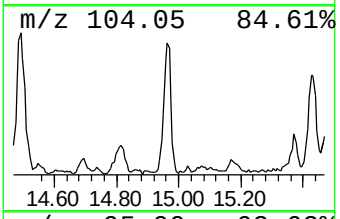


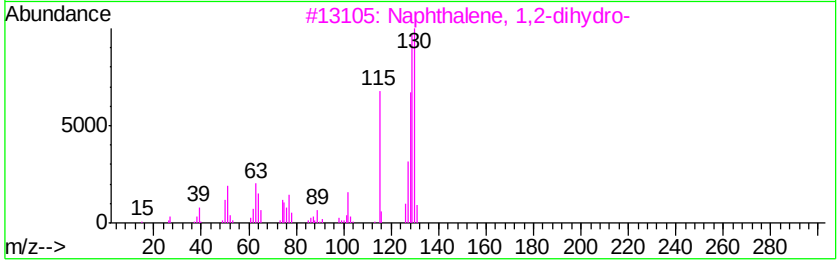


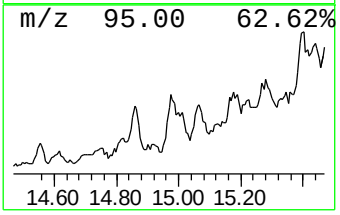












Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020819\
Data File : VW008574.D
Acq On : 08 Feb 2019 15:15
Operator : SY/VA
Sample : K1401-03
Misc : 5.58G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : RBR-200028

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260

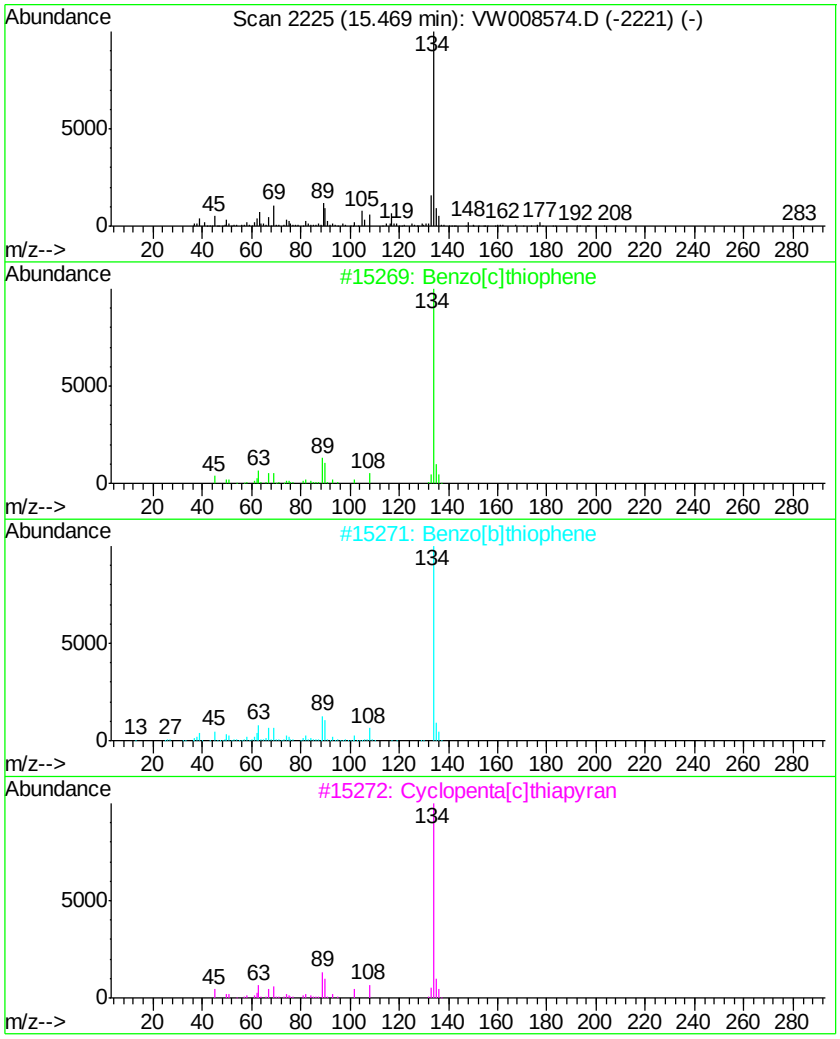
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

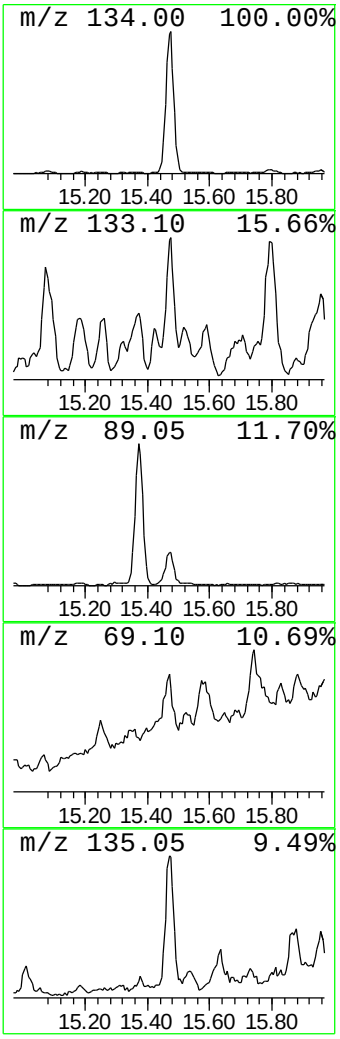
****

Peak Number 7 Benzo[c]thiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	17.52 ug/l	755091	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	81
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	81
3	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	74
4	3-(1-Cyclopentenyl)furan	134	C9H10O	115754-79-5	53
5	Acetaldehyde, phenylhydrazone	134	C8H10N2	000935-07-9	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020819\
Data File : VW008574.D
Acq On : 08 Feb 2019 15:15
Operator : SY/VA
Sample : K1401-03
Misc : 5.58G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : RBR-200028

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260

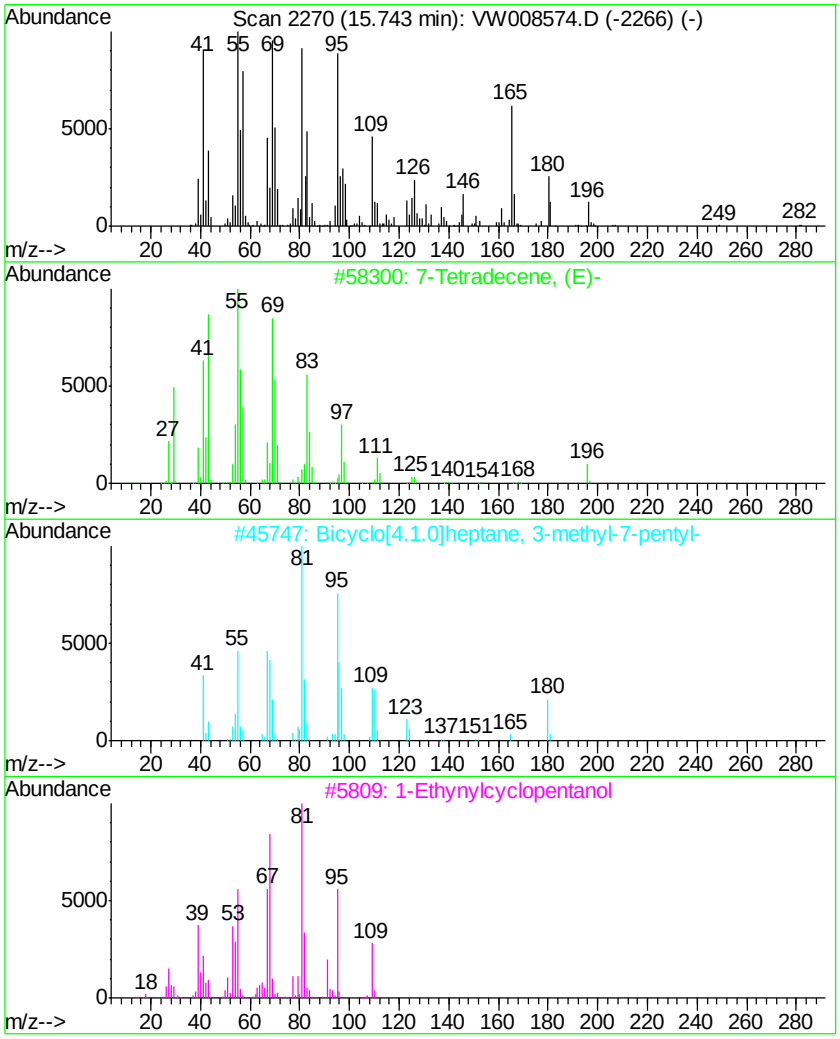
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

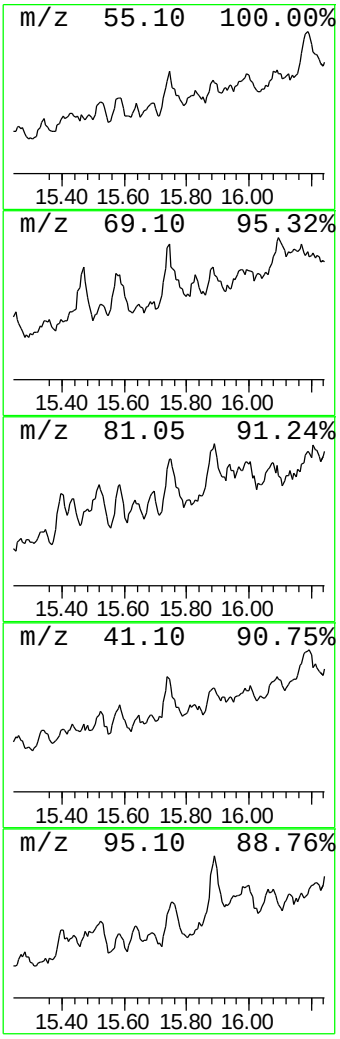
****

Peak Number 8 unknown15.74 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	13.97 ug/l	601924	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Tetradecene, (E)-	196	C14H28	041446-63-3	47
2	Bicyclo[4.1.0]heptane, 3-methyl-...	180	C13H24	041977-48-4	45
3	1-Ethynylcyclopentanol	110	C7H10O	017356-19-3	45
4	cis,trans-2,9-Dimethylspiro[5.5]...	180	C13H24	095530-74-8	38
5	trans,cis-2,8-Dimethylspiro[5.5]...	180	C13H24	095472-52-9	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020819\
Data File : VW008574.D
Acq On : 08 Feb 2019 15:15
Operator : SY/VA
Sample : K1401-03
Misc : 5.58G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : RBR-200028

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.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
Indane	13.76	58.9	ug/l	2536000	4	13.56	2154730	50.0
Indene	13.94	22.2	ug/l	956493	4	13.56	2154730	50.0
Benzofuran, 2-met...	14.49	20.1	ug/l	865525	4	13.56	2154730	50.0
Benzene, 1-etheny...	14.69	12.1	ug/l	521492	4	13.56	2154730	50.0
Benzene, 2-etheny...	14.82	30.5	ug/l	1314520	4	13.56	2154730	50.0
Cycloprop[a]inden...	14.97	10.0	ug/l	432256	4	13.56	2154730	50.0
Benzo[c]thiophene	15.47	17.5	ug/l	755091	4	13.56	2154730	50.0
unknown15.74	15.74	14.0	ug/l	601924	4	13.56	2154730	50.0