LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042021\
Data File : VD068916.D
Acq On : 20 Apr 2021 11:43
Operator : VA/SY
Sample : M2077-05
Misc : 5.09G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : SB-20-14.5-15.0-DUP

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\82D040721S.M
Title : SW846 8260

Signal : TIC: VD068916.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.920	1009	1020	1025	rBV	129093	318776	1.29%	0.428%
2	7.979	1025	1030	1041	rVB	219704	476514	1.93%	0.640%
3	8.332	1073	1090	1103	rBV2	101336	254402	1.03%	0.342%
4	8.867	1172	1181	1192	rBV	325981	647666	2.62%	0.869%
5	10.338	1423	1431	1439	rBV	521761	933345	3.77%	1.253%
6	11.644	1645	1653	1664	rVB	527618	895226	3.62%	1.202%
7	12.479	1788	1795	1803	rBV	996506	1574727	6.36%	2.114%
8	12.632	1813	1821	1829	rBV	437933	736594	2.98%	0.989%
9	13.267	1923	1929	1934	rBV	546018	843529	3.41%	1.132%
10	13.573	1975	1981	1983	rBV	509085	860477	3.48%	1.155%
11	13.602	1983	1986	1991	rVB	432633	622705	2.52%	0.836%
12	13.773	2002	2015	2031	rBV	15670613	24752539	100.00%	33.228%
13	13.955	2039	2046	2053	rVB	1237830	2055038	8.30%	2.759%
14	14.114	2067	2073	2078	rVB	226097	345816	1.40%	0.464%
15	14.226	2086	2092	2102	rVB	352858	678060	2.74%	0.910%
16	14.408	2117	2123	2131	rBV2	501757	1171399	4.73%	1.572%
17	14.502	2131	2139	2147	rVV2	1124679	2717074	10.98%	3.647%
18	14.567	2147	2150	2161	rVB3	150151	280037	1.13%	0.376%
19	14.702	2167	2173	2179	rBV	670515	1078831	4.36%	1.448%
20	14.826	2185	2194	2200	rBV2	810276	1545831	6.25%	2.075%
21	14.890	2200	2205	2212	rVV	465630	757092	3.06%	1.016%
22	14.973	2212	2219	2227	rVV	484994	822297	3.32%	1.104%
23	15.396	2282	2291	2300	rVB	8645576	15893619	64.21%	21.336%
24	15.490	2300	2307	2315	rBV	463971	930580	3.76%	1.249%
25	16.484	2468	2476	2489	rVV	4116247	8624067	34.84%	11.577%
26	16.690	2503	2511	2523	rVB	2074049	4677325	18.90%	6.279%

Sum of corrected areas: 74493566

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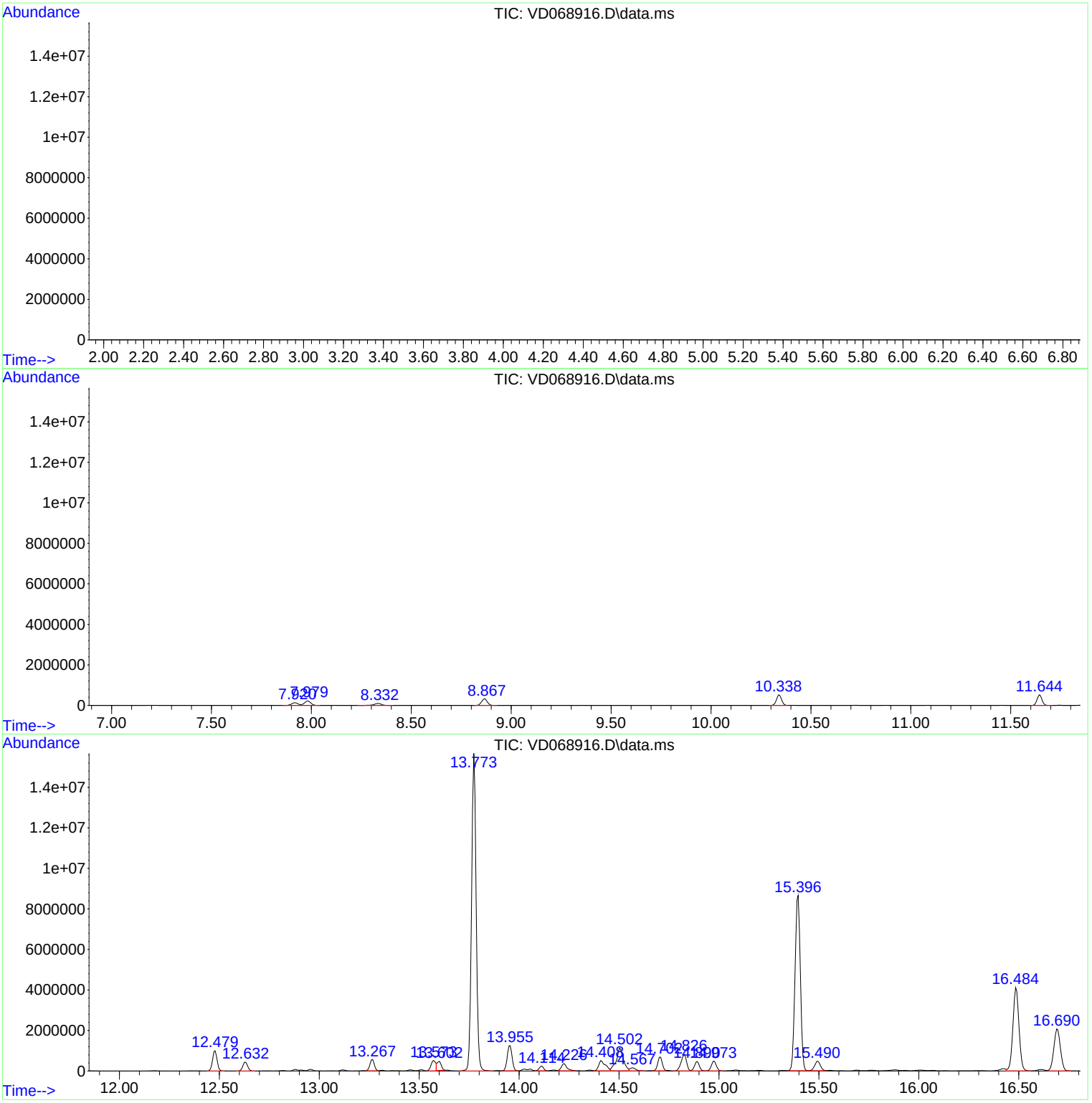
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-20-14.5-15.0-DUP

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042021\
Data File : VD068916.D
Acq On : 20 Apr 2021 11:43
Operator : VA/SY
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Instrument : MSVOA_D
ClientSampleId : SB-20-14.5-15.0-DUP

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260

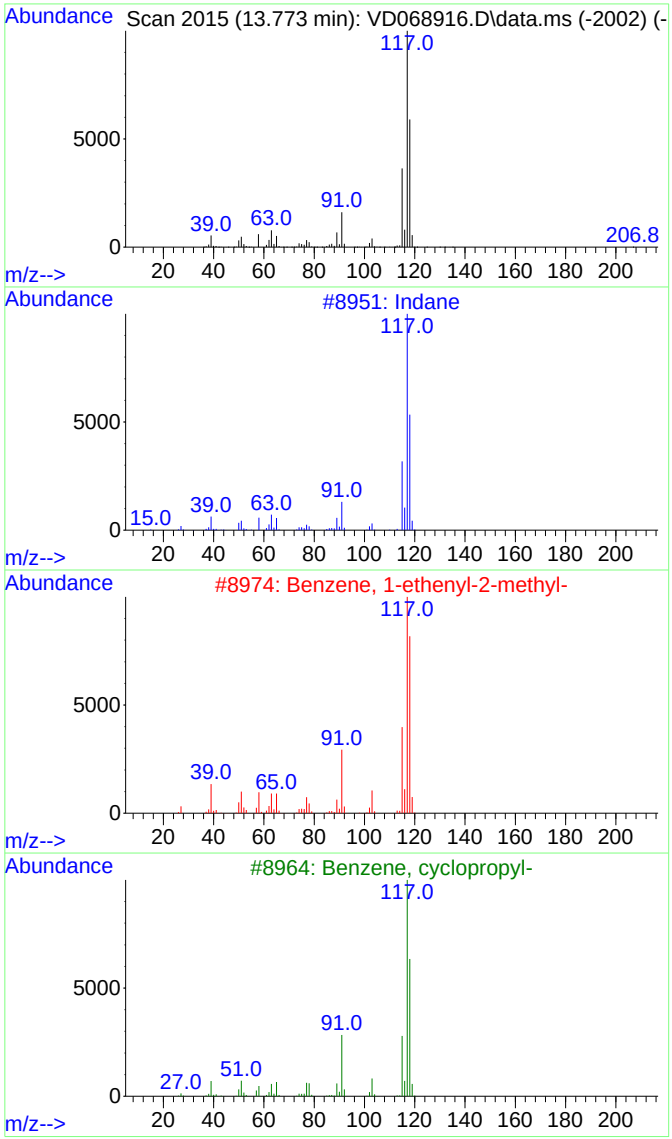
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

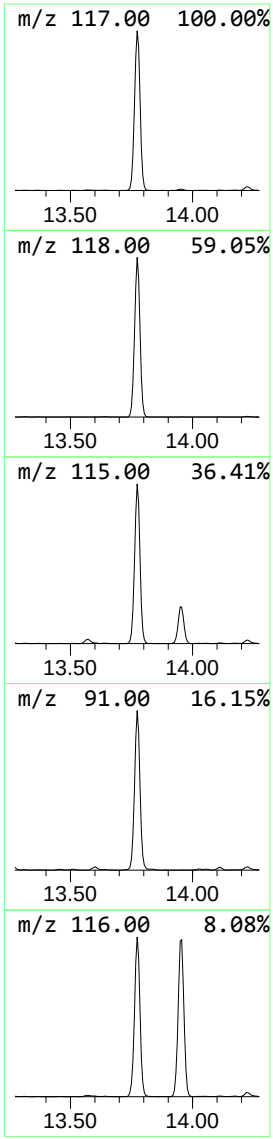
****

Peak Number 1 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.773	1438.30 ug/l	24752500	1,4-Dichlorobenzene-d4	13.573

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	87
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042021\
Data File : VD068916.D
Acq On : 20 Apr 2021 11:43
Operator : VA/SY
Sample : M2077-05
Misc : 5.09G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-20-14.5-15.0-DUP

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260

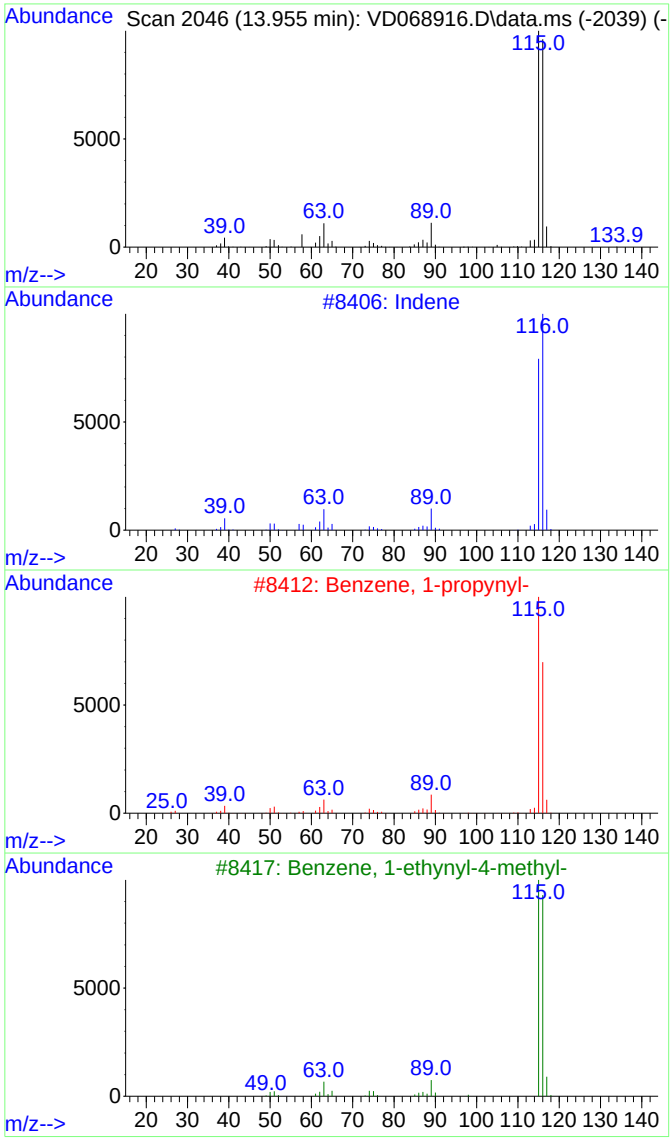
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

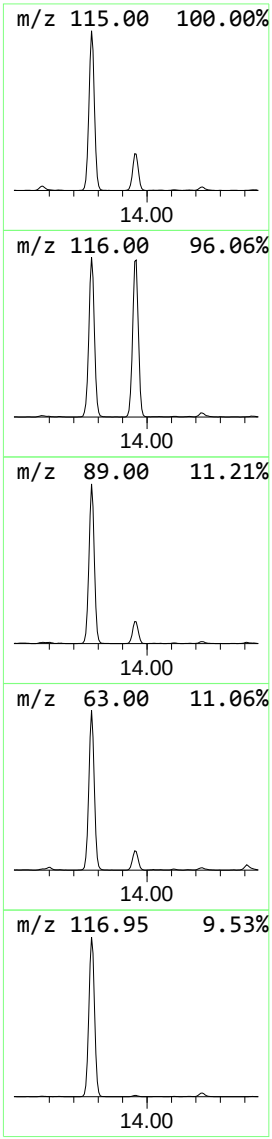
****

Peak Number 2 Indene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.955	119.41 ug/l	2055040	1,4-Dichlorobenzene-d4	13.573

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042021\
Data File : VD068916.D
Acq On : 20 Apr 2021 11:43
Operator : VA/SY
Sample : M2077-05
Misc : 5.09G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-20-14.5-15.0-DUP

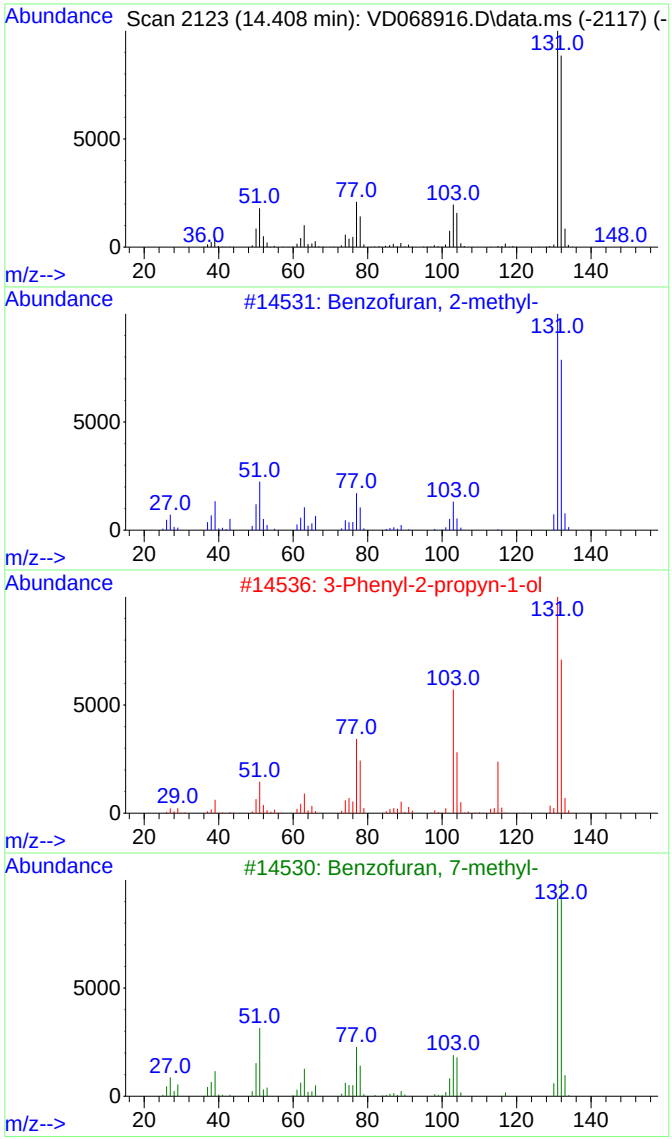
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260

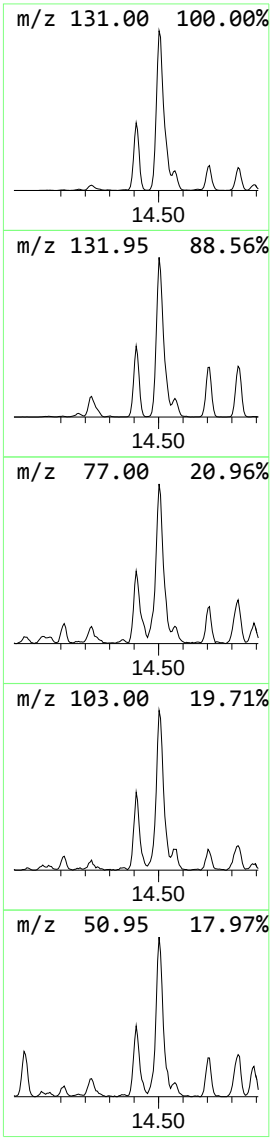
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzofuran, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.408	68.07 ug/l	1171400	1,4-Dichlorobenzene-d4	13.573

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
2	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
3	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	90
4	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	87
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042021\
Data File : VD068916.D
Acq On : 20 Apr 2021 11:43
Operator : VA/SY
Sample : M2077-05
Misc : 5.09G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-20-14.5-15.0-DUP

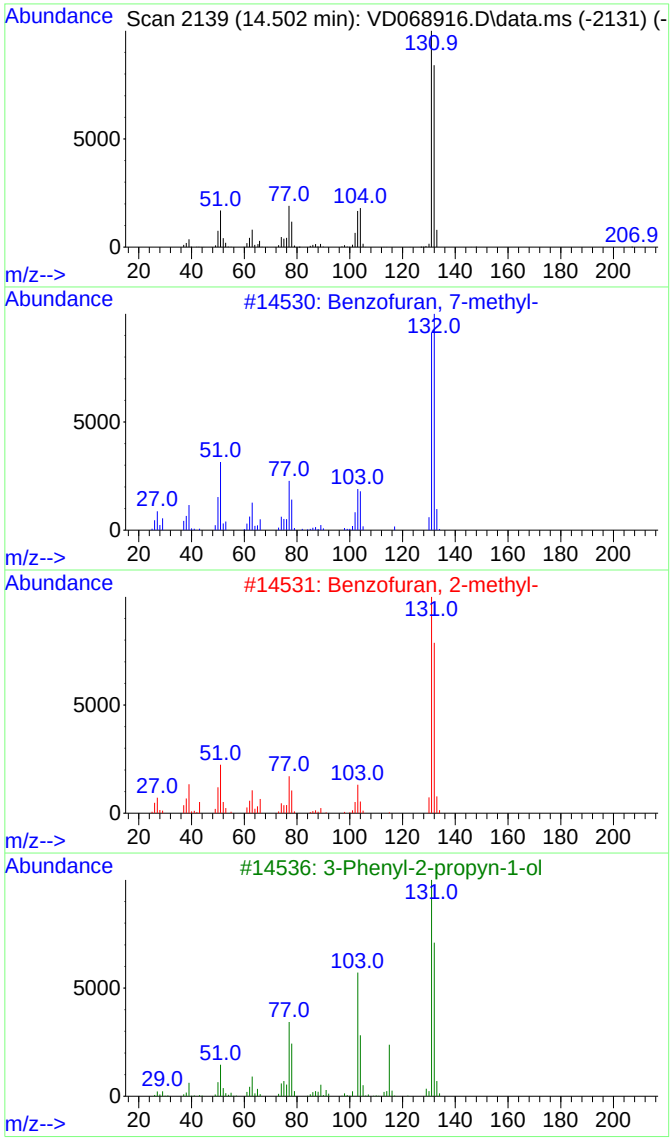
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260

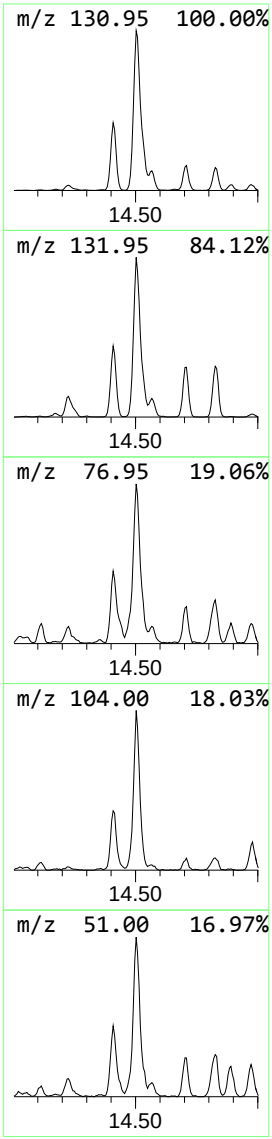
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzofuran, 7-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.502	157.88 ug/l	2717070	1,4-Dichlorobenzene-d4	13.573

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
4	1H-Indazole, 3-methyl-	132	C8H8N2	1000316-00-2	90
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042021\
Data File : VD068916.D
Acq On : 20 Apr 2021 11:43
Operator : VA/SY
Sample : M2077-05
Misc : 5.09G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-20-14.5-15.0-DUP

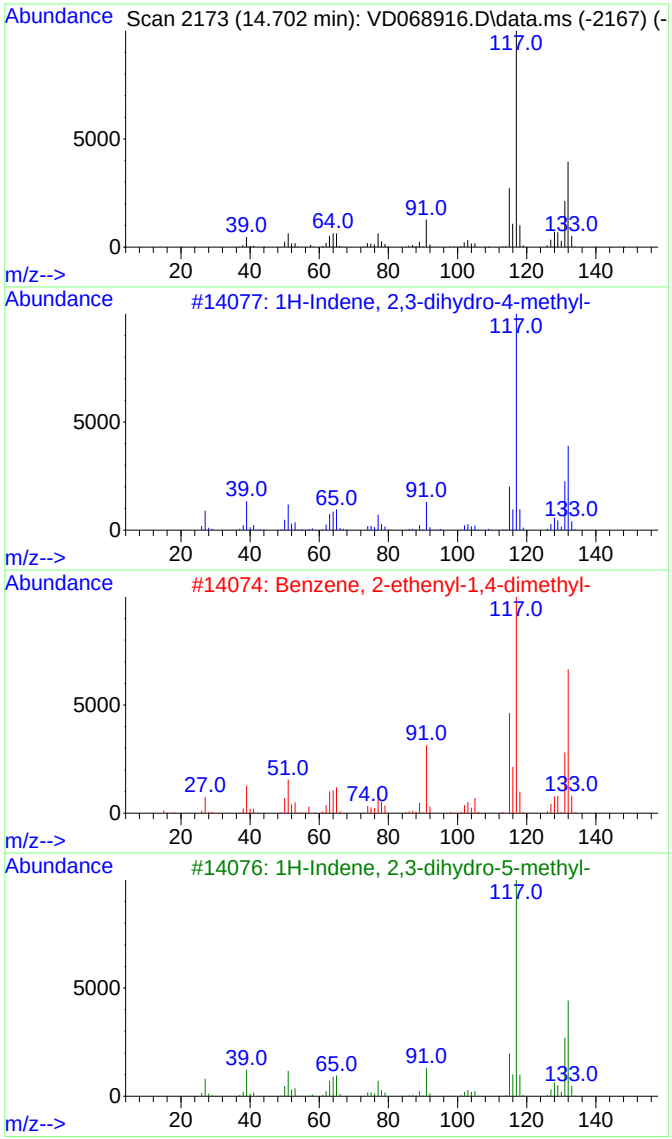
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260

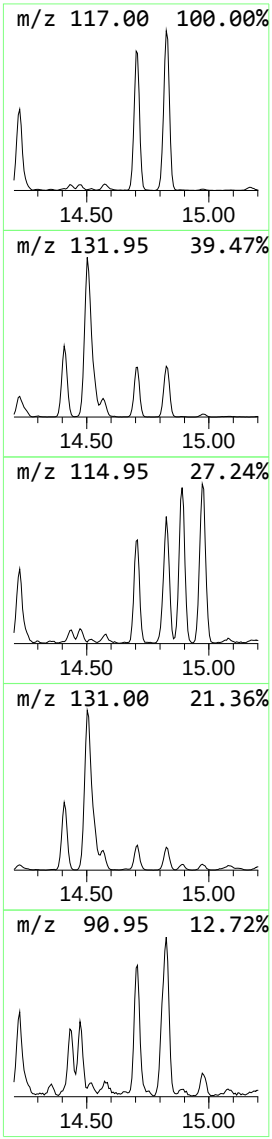
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.702	62.69 ug/l	1078830	1,4-Dichlorobenzene-d4	13.573

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87





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Sample : M2077-05
Misc : 5.09G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : SB-20-14.5-15.0-DUP

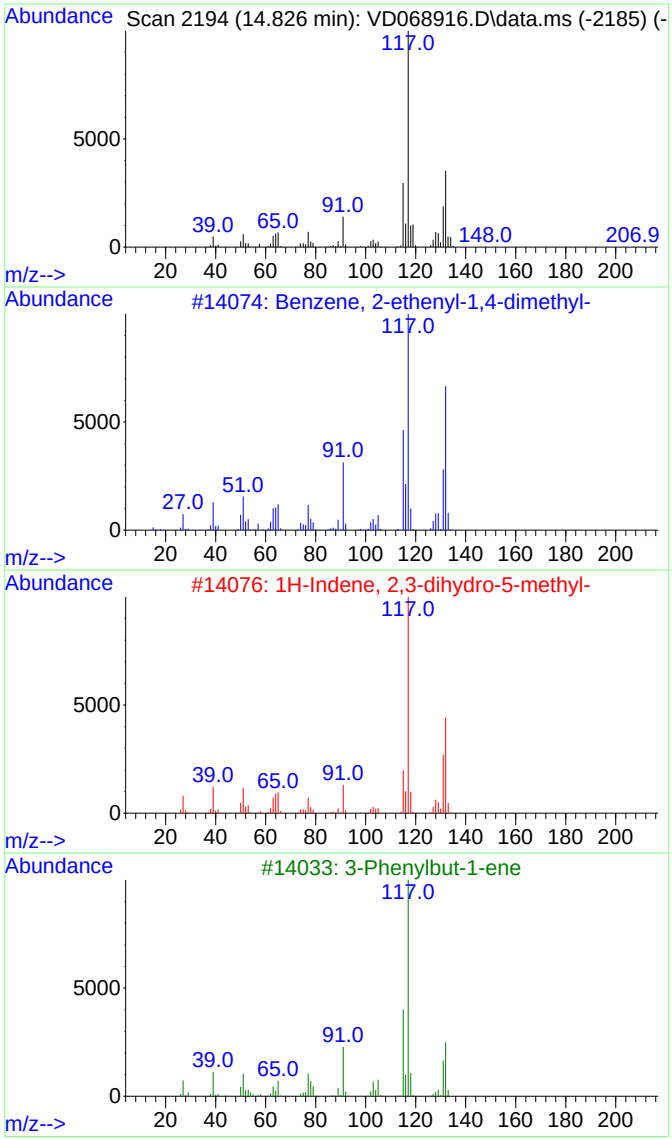
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260

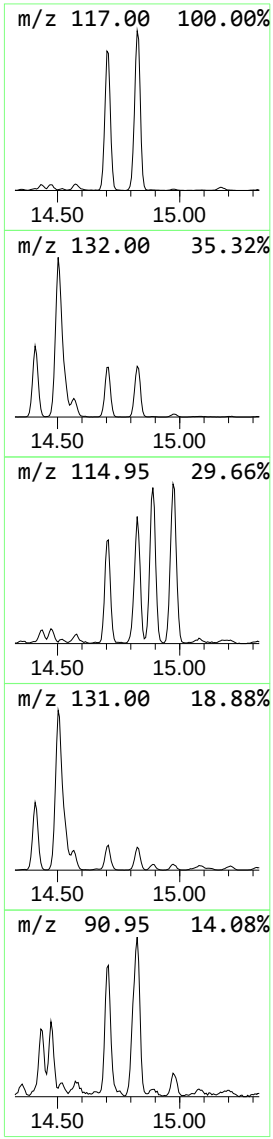
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.826	89.82 ug/l	1545830	1,4-Dichlorobenzene-d4	13.573

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	86





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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-20-14.5-15.0-DUP

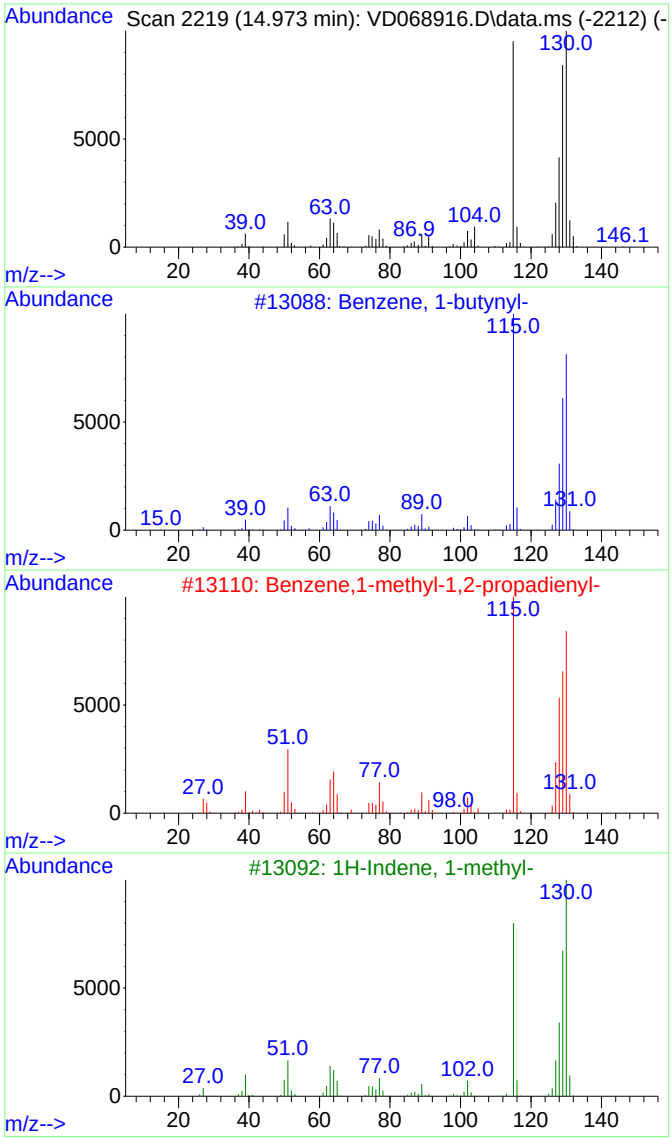
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260

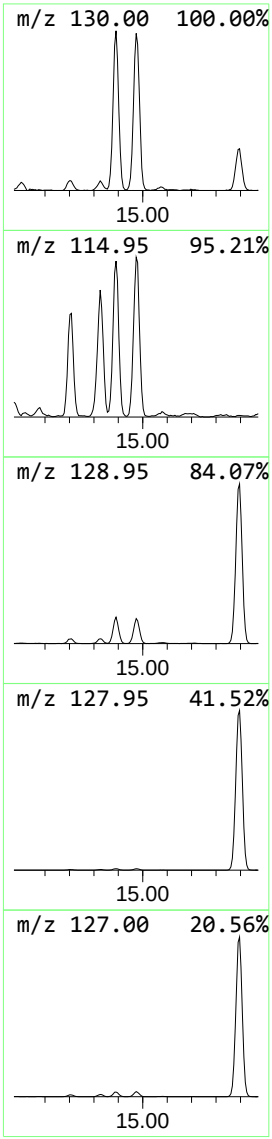
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-butynyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.973	47.78 ug/l	822297	1,4-Dichlorobenzene-d4	13.573

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
2	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
4	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	93
5	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	93





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Quant Title : SW846 8260

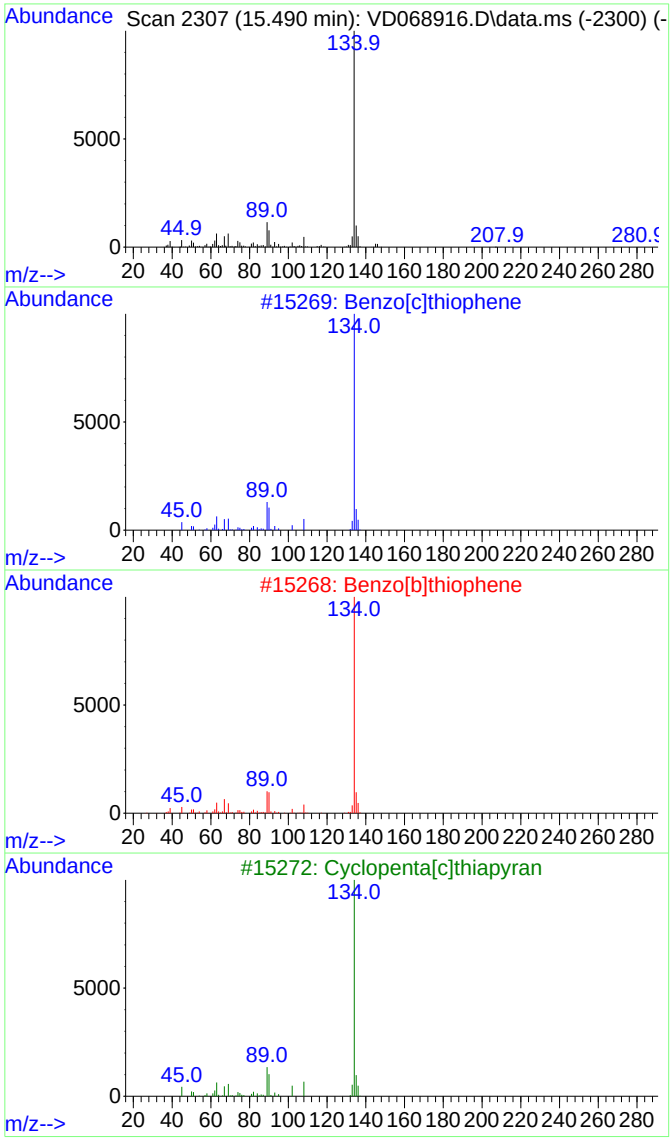
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

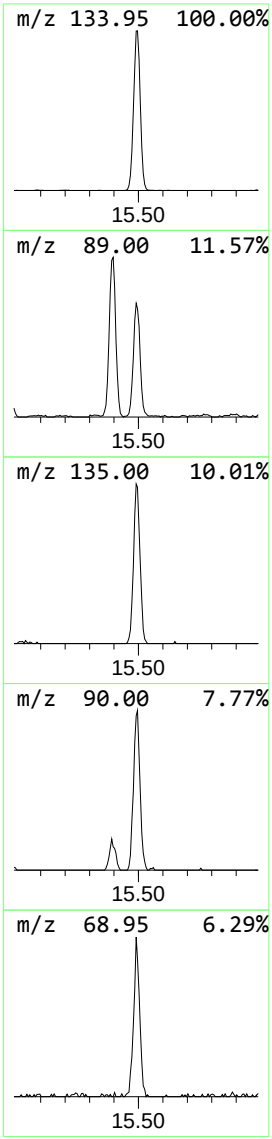
****

Peak Number 8 Benzo[c]thiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.490	54.07 ug/l	930580	1,4-Dichlorobenzene-d4	13.573

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	97
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	95
3	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
4	Thiazolidin-4-one, 5-benzylideno...	287	C13H9N3OS2	351062-07-2	45
5	5H-Pyrrolo(3,2-d)pyrimidin-4-amine	134	C6H6N4	002227-98-7	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042021\
Data File : VD068916.D
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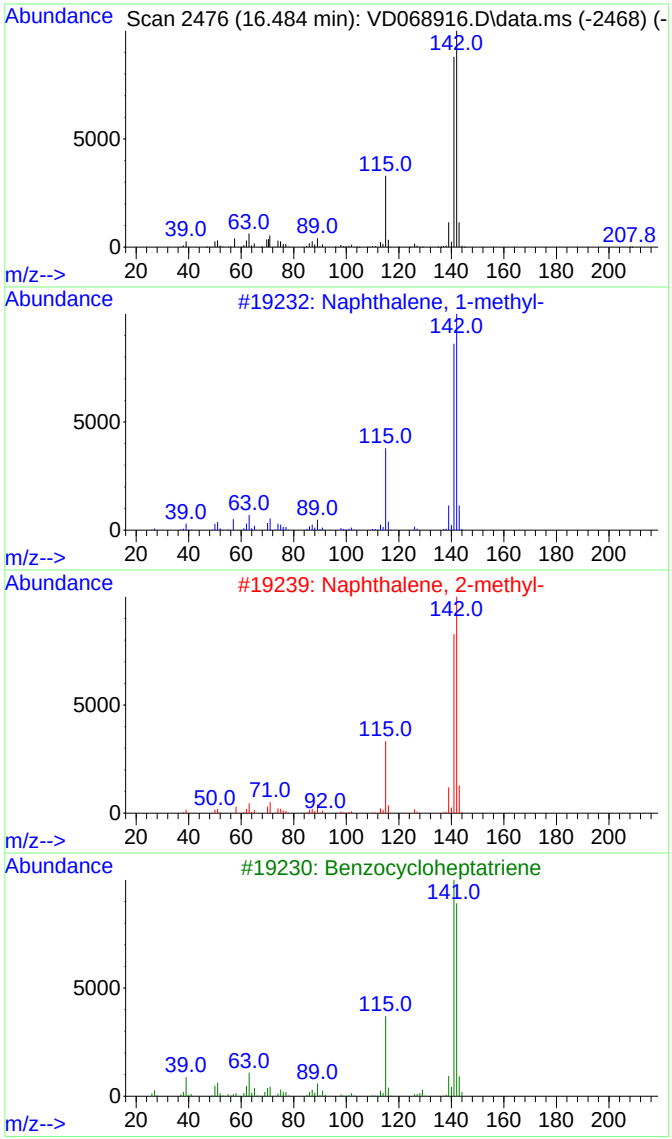
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260

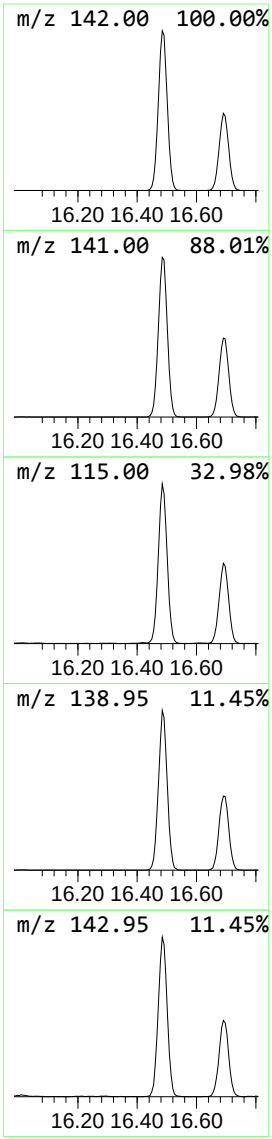
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.485	501.12 ug/l	8624070	1,4-Dichlorobenzene-d4	13.573

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	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042021\
Data File : VD068916.D
Acq On : 20 Apr 2021 11:43
Operator : VA/SY
Sample : M2077-05
Misc : 5.09G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-20-14.5-15.0-DUP

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260

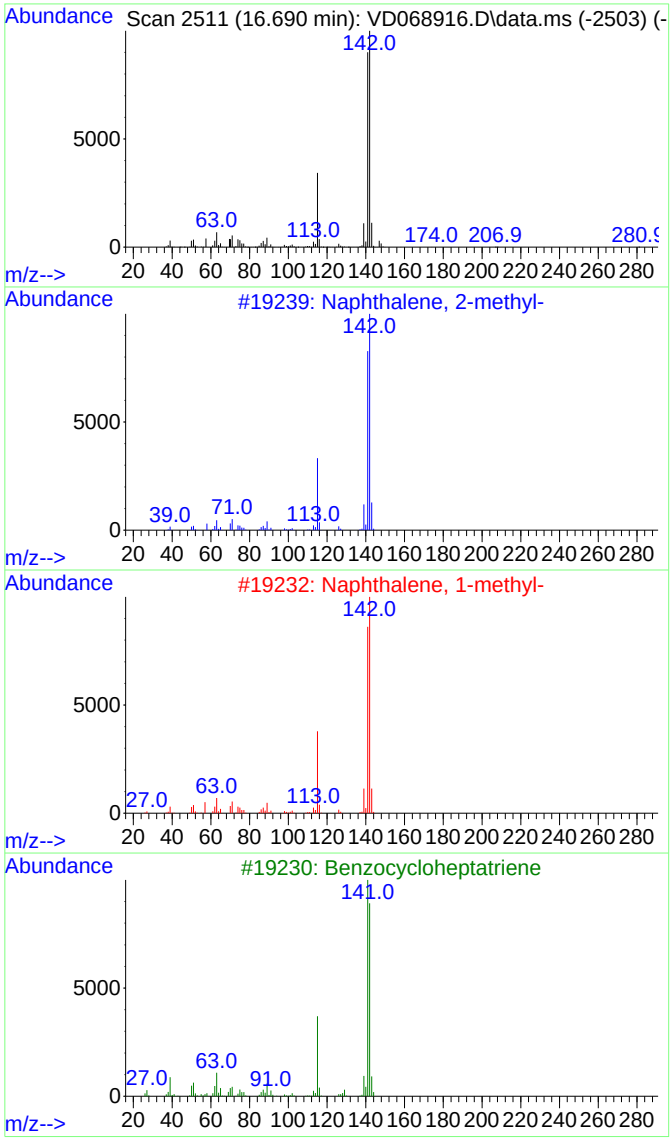
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

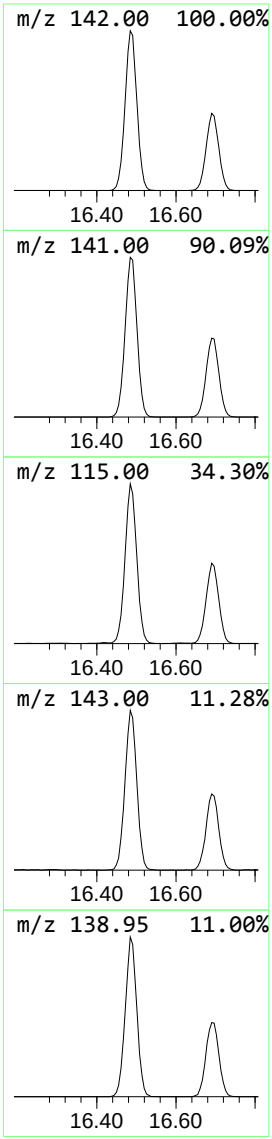
****

Peak Number 10 Benzocycloheptatriene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.690	271.79 ug/l	4677330	1,4-Dichlorobenzene-d4	13.573

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	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042021\
Data File : VD068916.D
Acq On : 20 Apr 2021 11:43
Operator : VA/SY
Sample : M2077-05
Misc : 5.09G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : SB-20-14.5-15.0-DUP

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.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	13.773	1438.3	ug/l	24752500	4	13.573	860477	50.0
Indene	13.955	119.4	ug/l	2055040	4	13.573	860477	50.0
Benzofuran, 2-m...	14.408	68.1	ug/l	1171400	4	13.573	860477	50.0
Benzofuran, 7-m...	14.502	157.9	ug/l	2717070	4	13.573	860477	50.0
1H-Indene, 2,3-...	14.702	62.7	ug/l	1078830	4	13.573	860477	50.0
Benzene, 2-ethe...	14.826	89.8	ug/l	1545830	4	13.573	860477	50.0
Benzene, 1-buty...	14.973	47.8	ug/l	822297	4	13.573	860477	50.0
Benzo[c]thiophene	15.490	54.1	ug/l	930580	4	13.573	860477	50.0
Naphthalene, 1-...	16.485	501.1	ug/l	8624070	4	13.573	860477	50.0
Benzocyclohepta...	16.690	271.8	ug/l	4677330	4	13.573	860477	50.0