LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041921\
Data File : VD068902.D
Acq On : 19 Apr 2021 16:34
Operator : VA/SY
Sample : M2077-04
Misc : 5.11G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

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

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: VD068902.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.914	1010	1019	1024	rBV2	89724	205637	2.35%	0.741%
2	7.979	1024	1030	1040	rVB	132915	300441	3.44%	1.083%
3	8.332	1075	1090	1101	rVB2	76240	196503	2.25%	0.708%
4	8.867	1172	1181	1193	rVB	200453	409157	4.68%	1.475%
5	10.338	1423	1431	1445	rBV	341130	612742	7.01%	2.209%
6	11.644	1645	1653	1665	rBV	370669	629922	7.20%	2.271%
7	12.479	1787	1795	1802	rVB	59949	95670	1.09%	0.345%
8	12.632	1814	1821	1831	rVB	319416	530446	6.07%	1.912%
9	13.573	1974	1981	1990	rBV2	451069	804756	9.20%	2.901%
10	13.773	2002	2015	2031	rBV	1822794	2962376	33.88%	10.679%
11	13.955	2039	2046	2053	rBV	177460	300088	3.43%	1.082%
12	14.226	2086	2092	2101	rVB	52828	111661	1.28%	0.403%
13	14.408	2117	2123	2131	rBV2	100448	263697	3.02%	0.951%
14	14.502	2131	2139	2147	rVV2	282772	703416	8.05%	2.536%
15	14.702	2168	2173	2179	rBV	168651	275103	3.15%	0.992%
16	14.826	2185	2194	2200	rBV3	181687	352753	4.03%	1.272%
17	14.890	2200	2205	2211	rVV	146892	232882	2.66%	0.840%
18	14.973	2213	2219	2226	rVB	137918	240749	2.75%	0.868%
19	15.396	2282	2291	2300	rVB	3127918	5625364	64.34%	20.279%
20	15.496	2300	2308	2316	rBV	146464	299920	3.43%	1.081%
21	16.426	2454	2466	2468	rBV2	59187	134378	1.54%	0.484%
22	16.490	2468	2477	2489	rVV	4144953	8743212	100.00%	31.518%
23	16.608	2489	2497	2503	rVV	54962	134250	1.54%	0.484%
24	16.690	2503	2511	2523	rVB	1581215	3574886	40.89%	12.887%

Sum of corrected areas: 27740009

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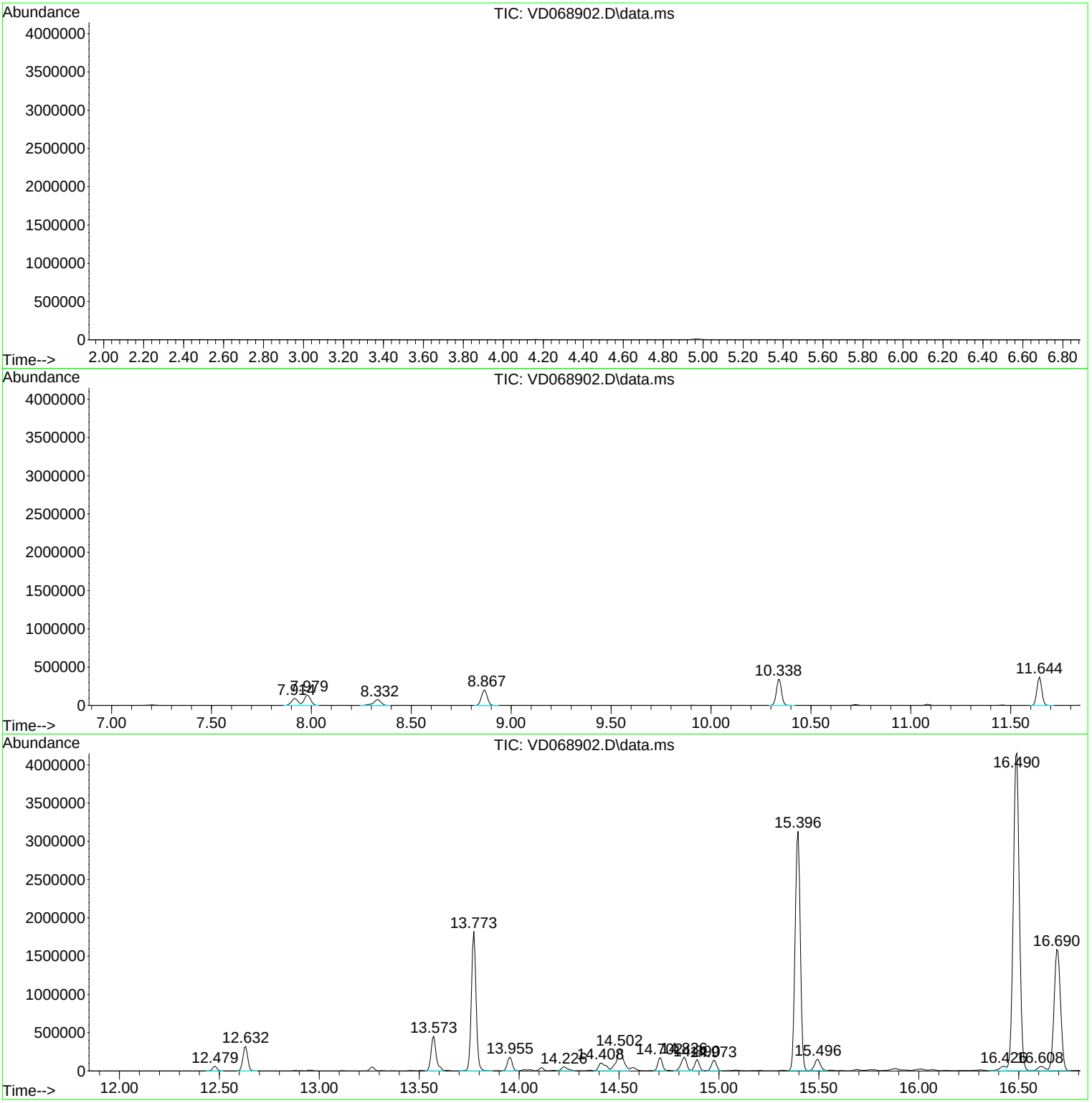
ALS Vial : 14 Sample Multiplier: 1

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

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\VD041921\
Data File : VD068902.D
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Operator : VA/SY
Sample : M2077-04
Misc : 5.11G/5.00ml/MSVOA_D/SOIL
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST11.L
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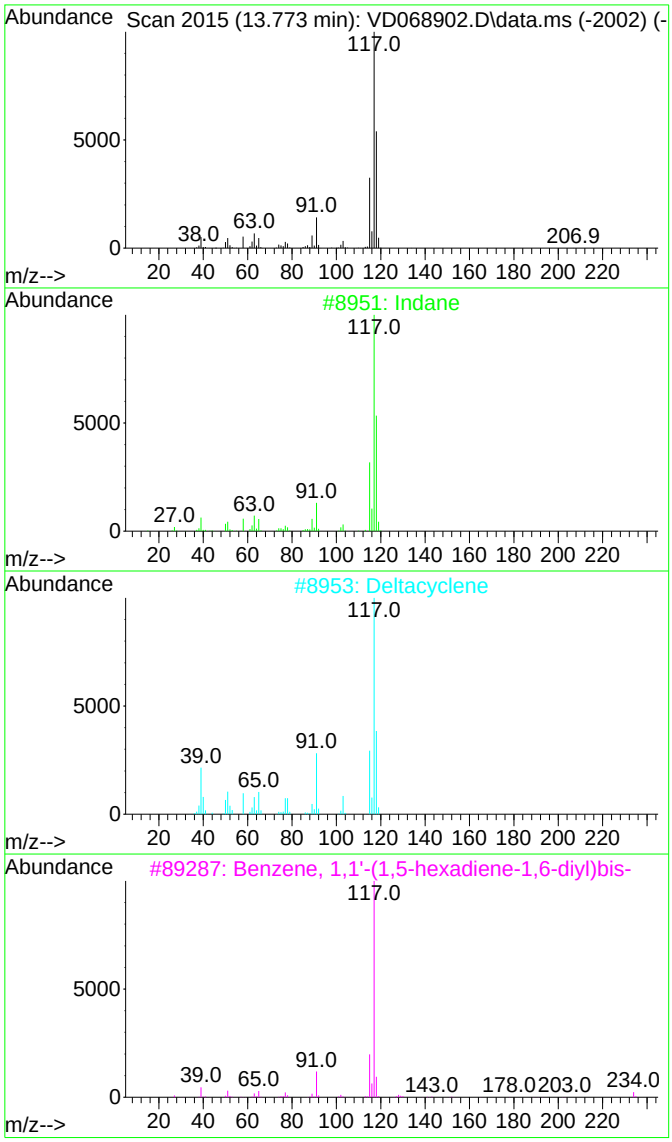
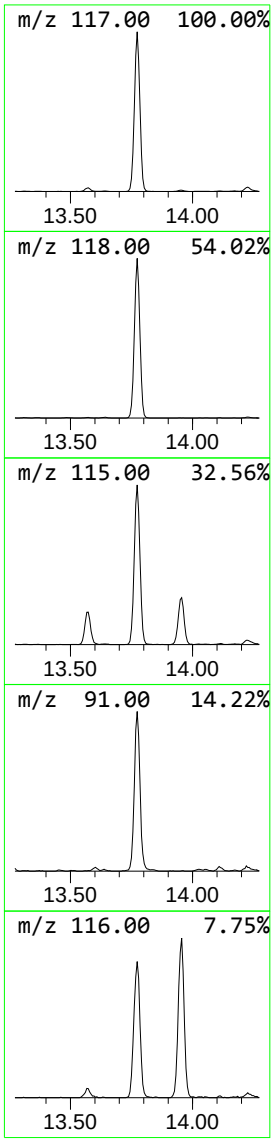
****

Peak Number 1 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.773	184.05 ug/l	2962380	1,4-Dichlorobenzene-d4	13.573

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Deltacyclene	118	C9H10	007785-10-6	80
3	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	49
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041921\
Data File : VD068902.D
Acq On : 19 Apr 2021 16:34
Operator : VA/SY
Sample : M2077-04
Misc : 5.11G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

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

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

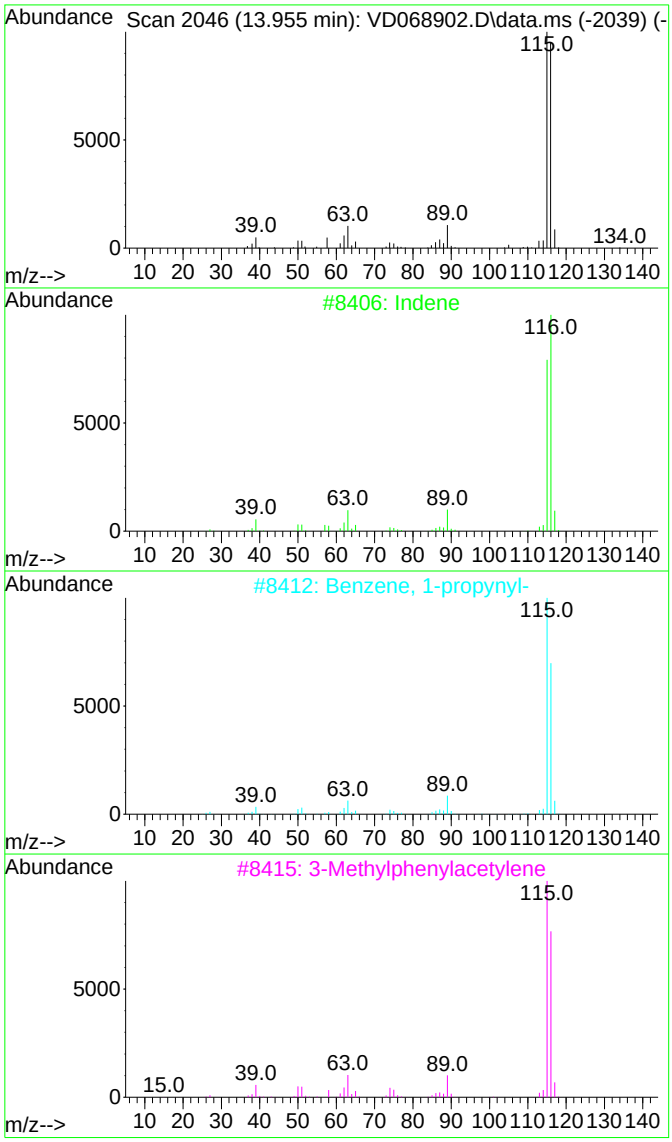
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

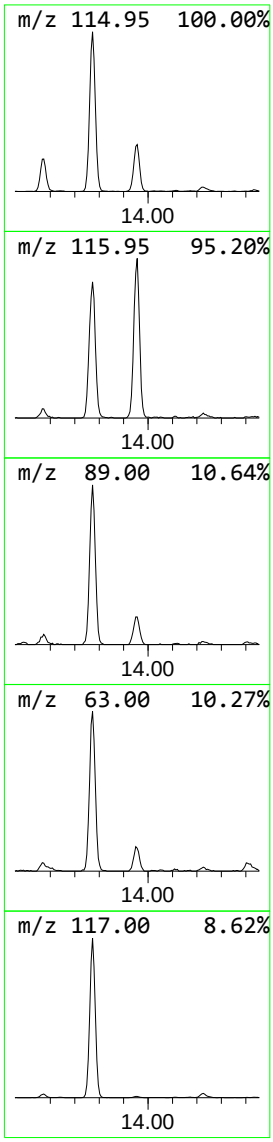
****

Peak Number 2 Benzene, 1-propynyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.955	18.64 ug/l	300088	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	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041921\
Data File : VD068902.D
Acq On : 19 Apr 2021 16:34
Operator : VA/SY
Sample : M2077-04
Misc : 5.11G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

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

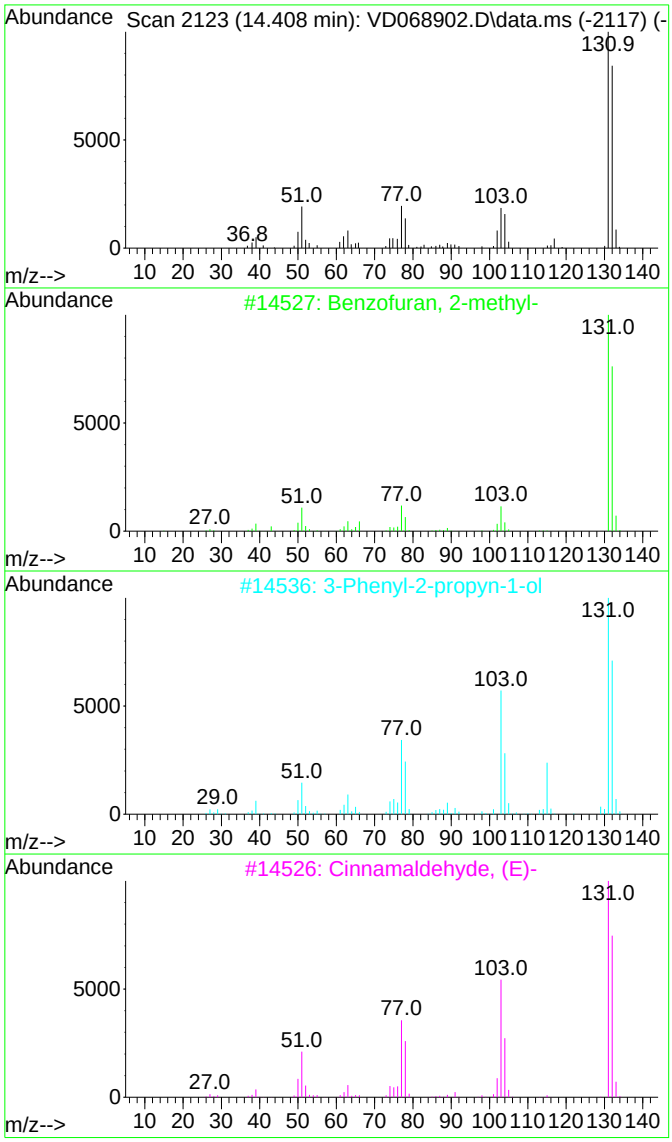
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260

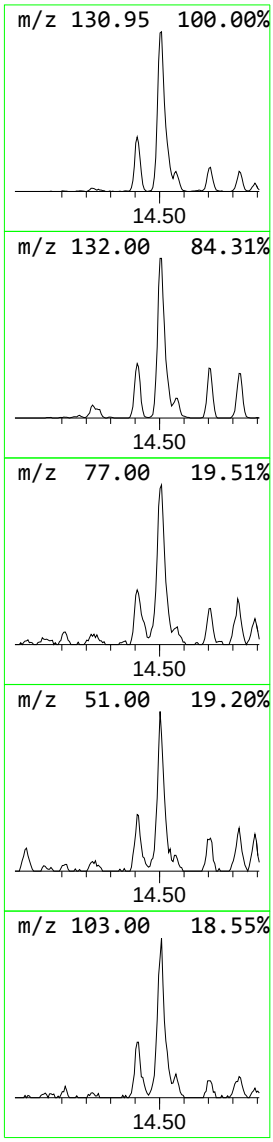
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzofuran, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.408	16.38 ug/l	263697	1,4-Dichlorobenzene-d4	13.573

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	94
3	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	91
4	1H-Indenol	132	C9H8O	056631-57-3	90
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041921\
Data File : VD068902.D
Acq On : 19 Apr 2021 16:34
Operator : VA/SY
Sample : M2077-04
Misc : 5.11G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

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

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

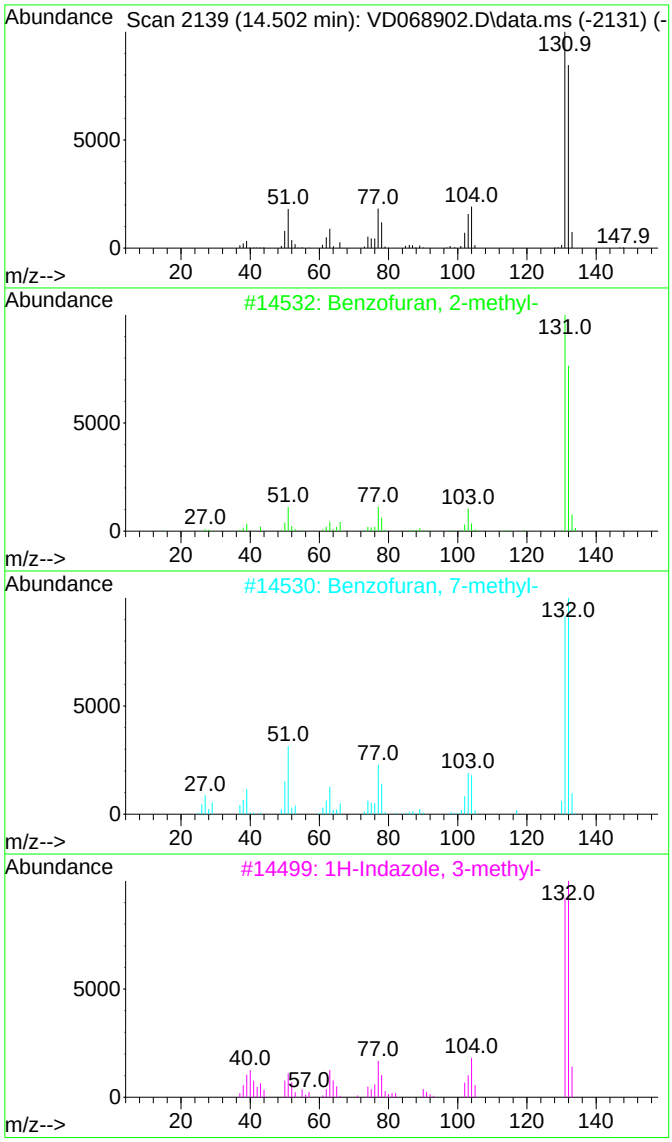
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

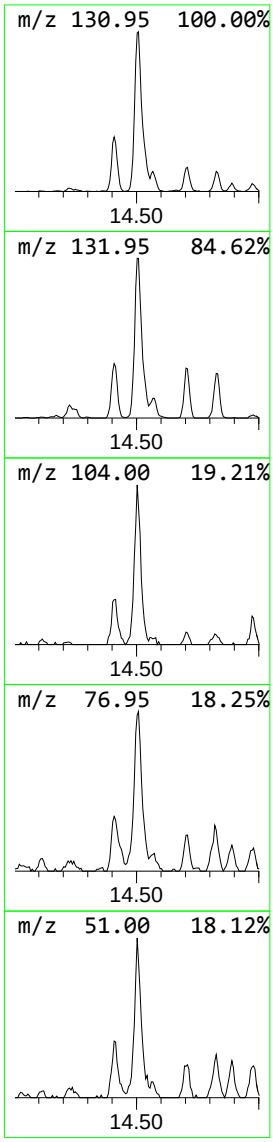
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.502	43.70 ug/l	703416	1,4-Dichlorobenzene-d4	13.573

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
2	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	90
3	1H-Indazole, 3-methyl-	132	C8H8N2	1000316-00-2	90
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	87
5	4-Aminobenzyl cyanide	132	C8H8N2	003544-25-0	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041921\
Data File : VD068902.D
Acq On : 19 Apr 2021 16:34
Operator : VA/SY
Sample : M2077-04
Misc : 5.11G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

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

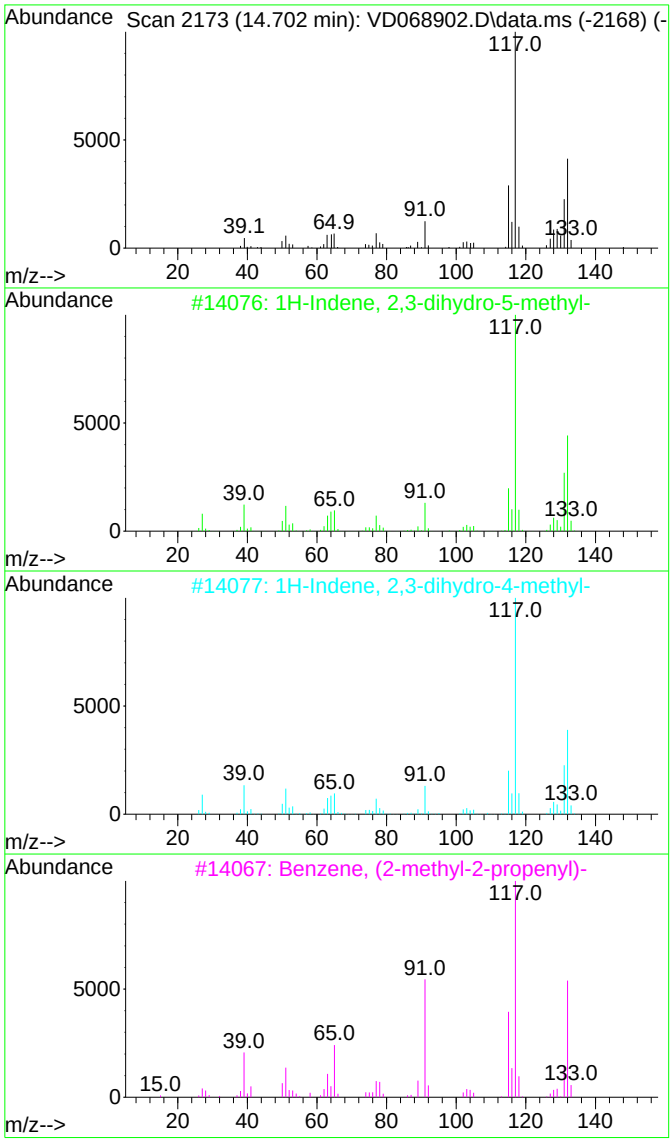
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260

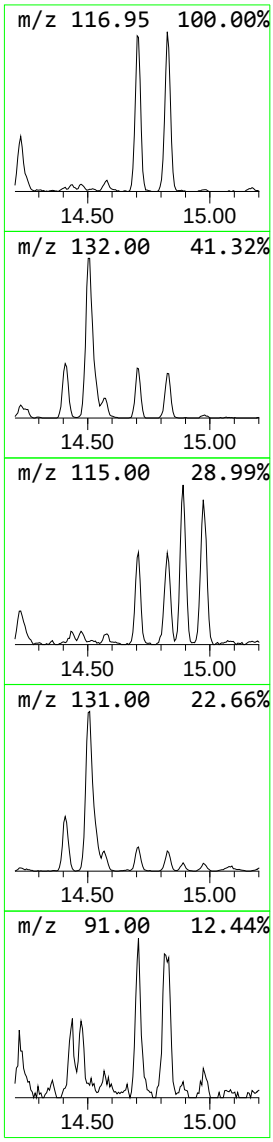
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.702	17.09 ug/l	275103	1,4-Dichlorobenzene-d4	13.573

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
3	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	87
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	80





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Misc : 5.11G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

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

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

TIC Library : C:\Database\NIST11.L
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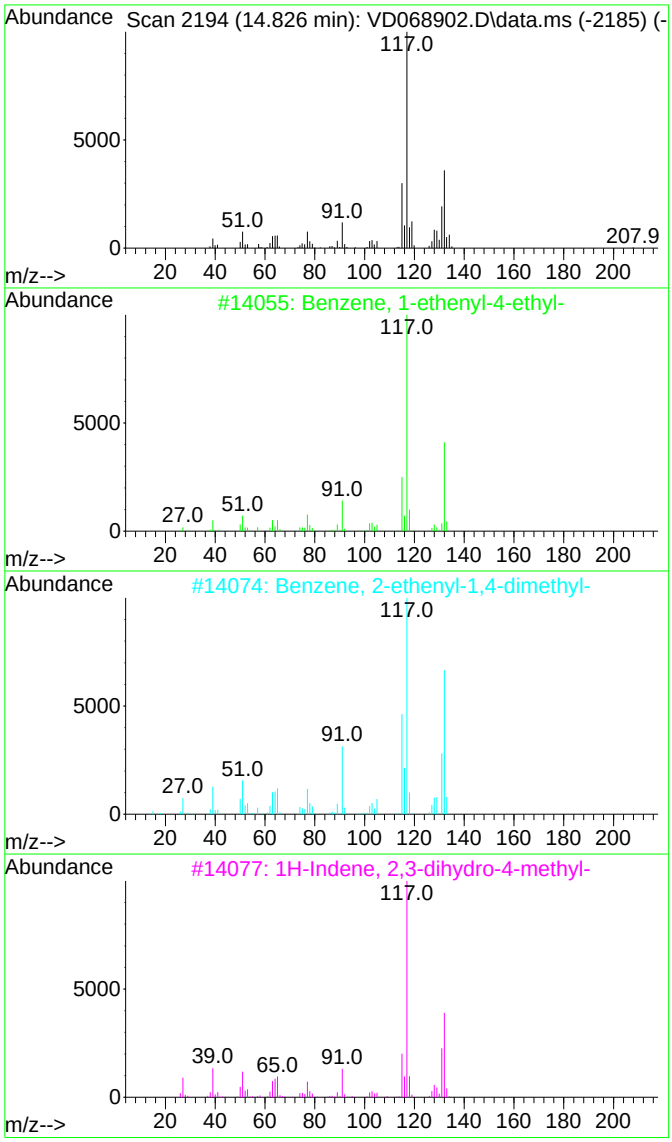
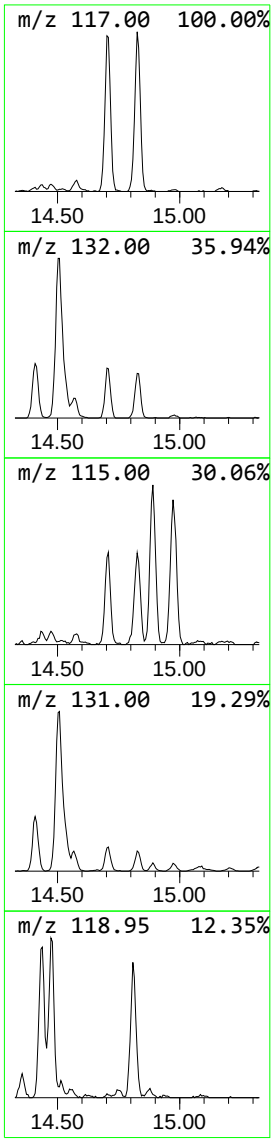
****
Peak Number 6 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.826	21.92 ug/l	352753	1,4-Dichlorobenzene-d4	13.573

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87





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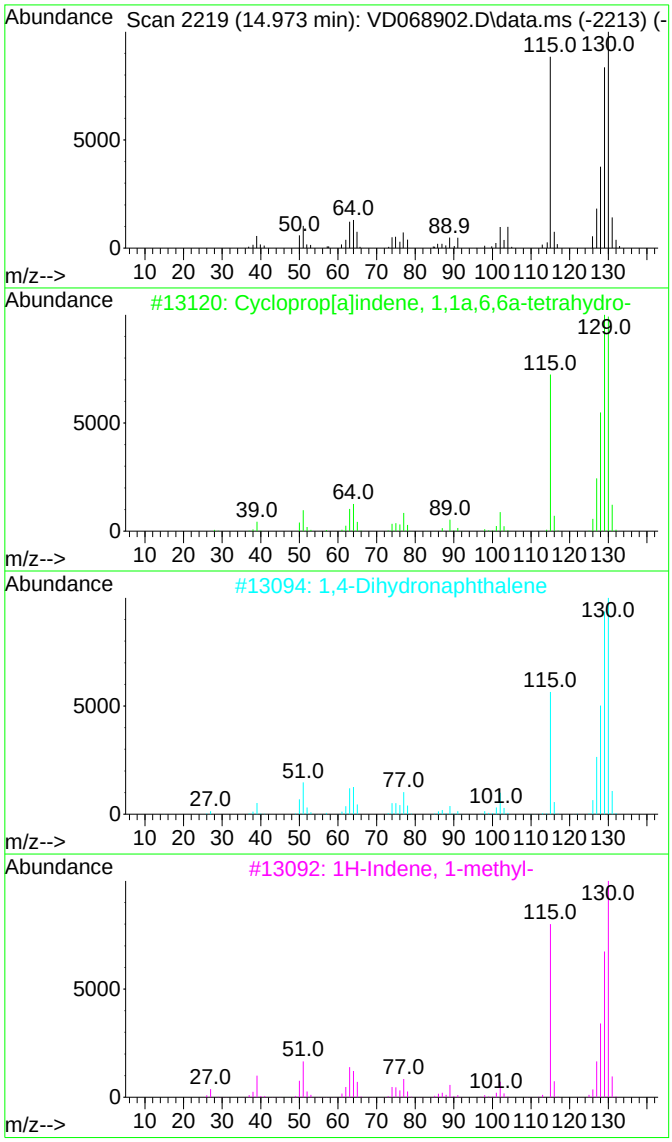
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260

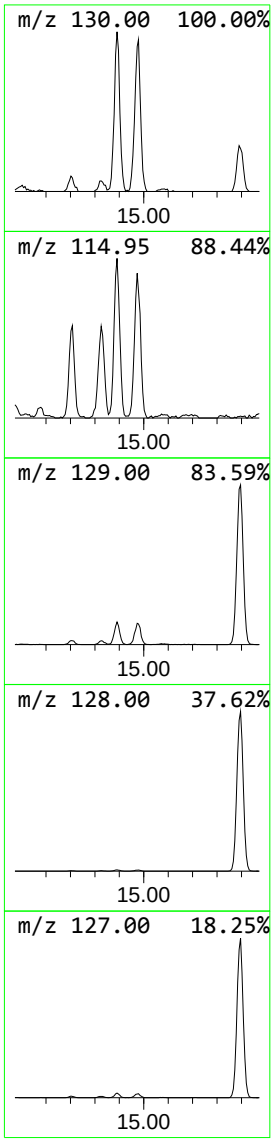
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cycloprop[a]indene, 1,1a,6,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.973	14.96 ug/l	240749	1,4-Dichlorobenzene-d4	13.573

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	96
2	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	96
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
4	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	93





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TIC Library : C:\Database\NIST11.L
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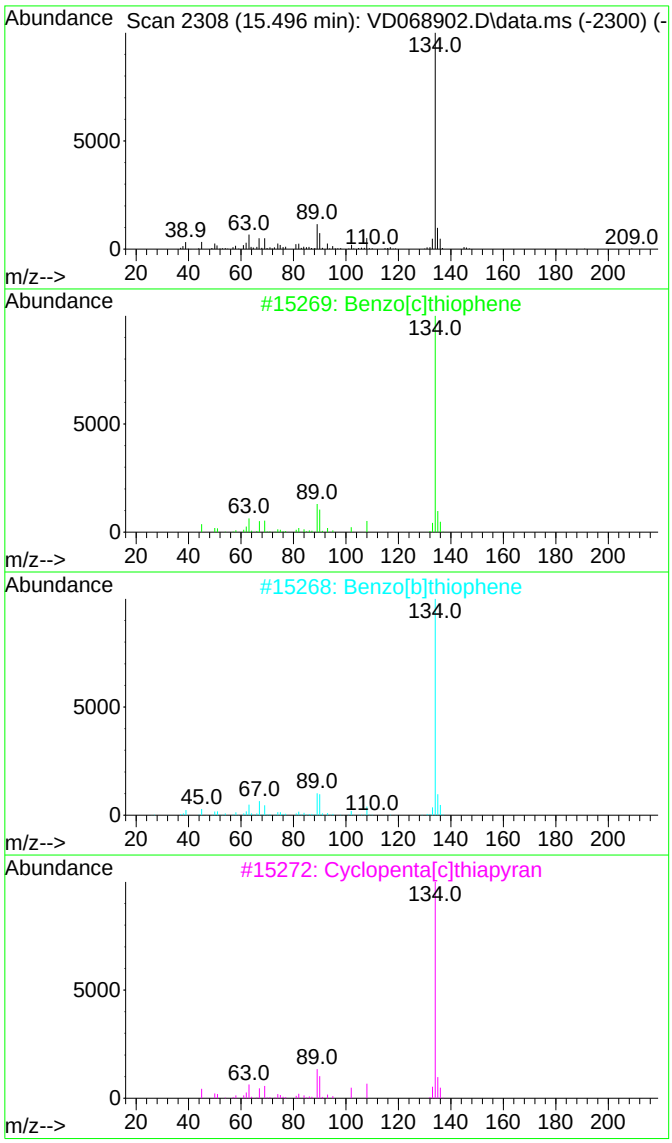
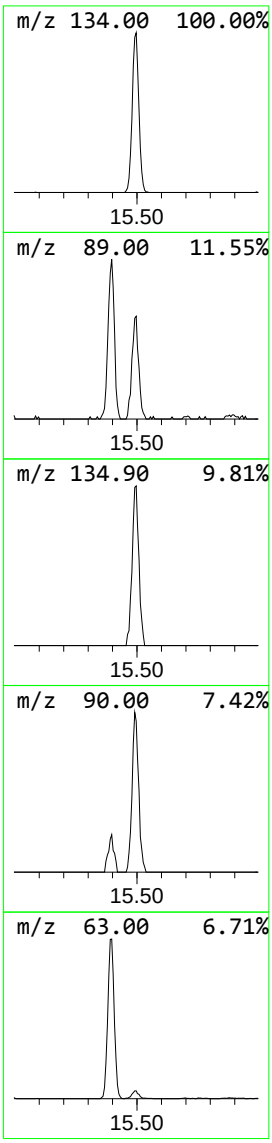
****

Peak Number 8 Benzo[c]thiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.496	18.63 ug/l	299920	1,4-Dichlorobenzene-d4	13.573

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	95
3	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
4	6-Phenyl-[1,3]thiazine-2,4-dione	205	C10H7NO2S	1000300-90-1	64
5	5-Benzylidene-3-(2,5-dimethylani...	338	C19H18N2O2S	302955-01-7	64





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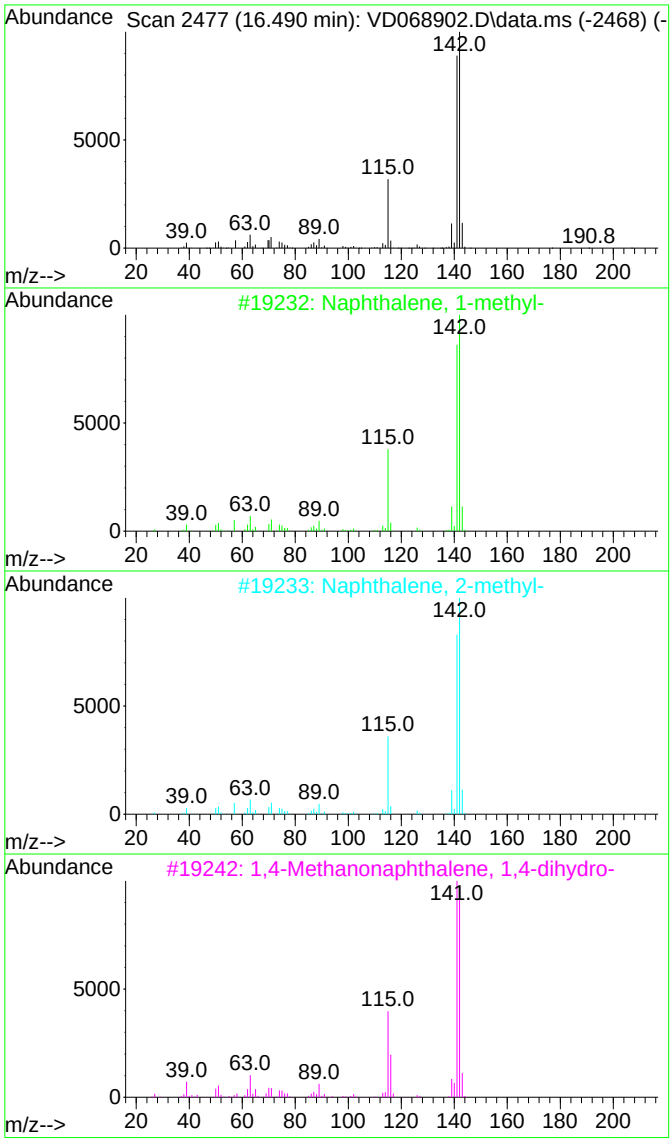
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260

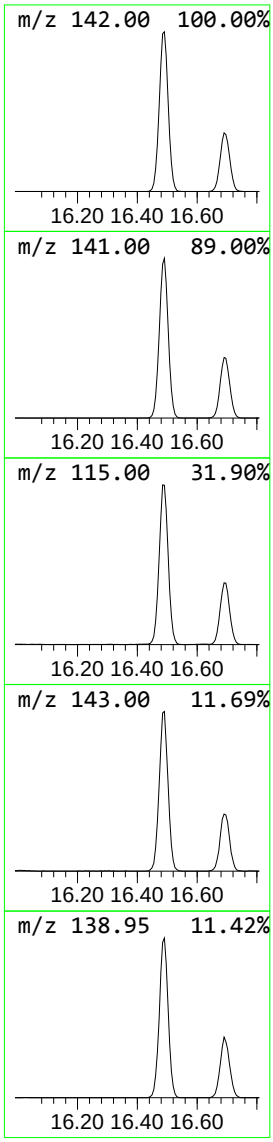
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.490	543.22 ug/l	8743210	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	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64





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Data File : VD068902.D
Acq On : 19 Apr 2021 16:34
Operator : VA/SY
Sample : M2077-04
Misc : 5.11G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

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

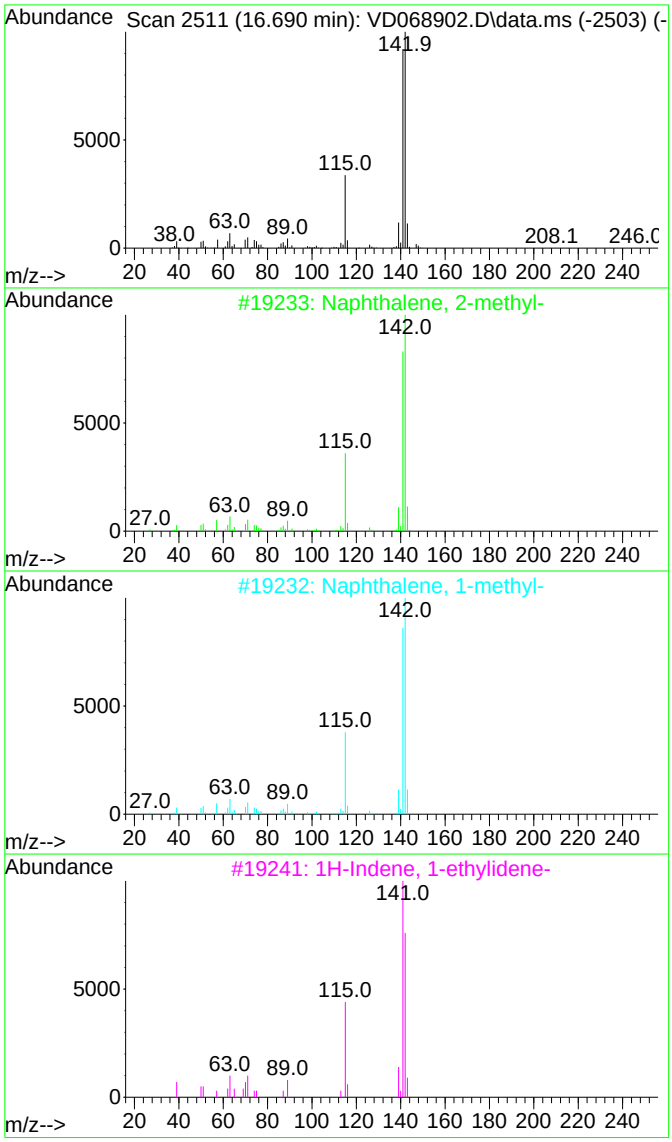
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260

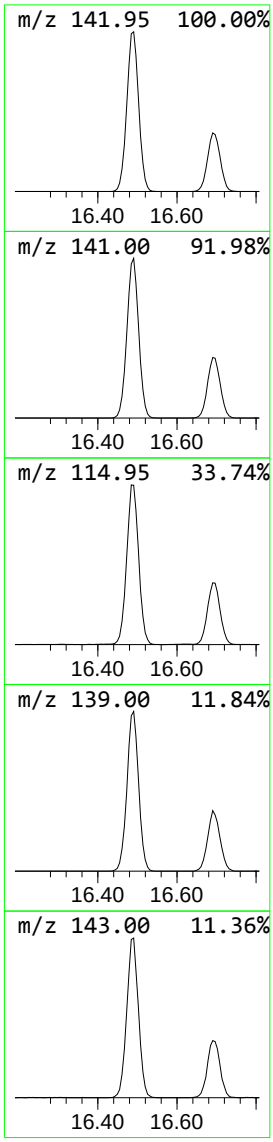
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Indene, 1-ethylidene- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.690	222.11 ug/l	3574890	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	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	94
4	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041921\
Data File : VD068902.D
Acq On : 19 Apr 2021 16:34
Operator : VA/SY
Sample : M2077-04
Misc : 5.11G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

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

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	184.1	ug/l	2962380	4	13.573	804756	50.0
Benzene, 1-prop...	13.955	18.6	ug/l	300088	4	13.573	804756	50.0
Benzofuran, 2-m...	14.408	16.4	ug/l	263697	4	13.573	804756	50.0
Benzofuran, 7-m...	14.502	43.7	ug/l	703416	4	13.573	804756	50.0
1H-Indene, 2,3-...	14.702	17.1	ug/l	275103	4	13.573	804756	50.0
Benzene, 1-ethe...	14.826	21.9	ug/l	352753	4	13.573	804756	50.0
Cycloprop[a]ind...	14.973	15.0	ug/l	240749	4	13.573	804756	50.0
Benzo[c]thiophene	15.496	18.6	ug/l	299920	4	13.573	804756	50.0
Naphthalene, 1-...	16.490	543.2	ug/l	8743210	4	13.573	804756	50.0
1H-Indene, 1-et...	16.690	222.1	ug/l	3574890	4	13.573	804756	50.0