LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081820\
Data File : VD066308.D
Acq On : 19 Aug 2020 07:11
Operator : VA/SY
Sample : L3712-04
Misc : 6.93G/5.00ml/MSVOA D/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : CHRT-26572

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\82D080520S.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	2.821	148	153	156	rVB	3533	5879	1.17%	0.170%
2	3.709	298	304	310	rBV3	4832	9249	1.85%	0.268%
3	4.162	374	381	389	rBV	4782	11219	2.24%	0.324%
4	4.956	505	516	531	rVB2	32720	104124	20.80%	3.012%
5	7.197	890	897	899	rBV3	3140	6434	1.29%	0.186%
6	7.909	1010	1018	1024	rBV3	60471	149057	29.77%	4.311%
7	7.973	1024	1029	1038	rVB	81857	182493	36.45%	5.278%
8	8.326	1079	1089	1099	rVV2	67976	159547	31.87%	4.614%
9	8.861	1172	1180	1188	rBV	132295	272356	54.40%	7.877%
10	10.338	1422	1431	1440	rBV	181839	333014	66.52%	9.632%
11	10.885	1520	1524	1527	rBV6	4562	7712	1.54%	0.223%
12	11.161	1570	1571	1574	rBV3	5264	5289	1.06%	0.153%
13	11.644	1646	1653	1659	rBV	204720	356312	71.17%	10.305%
14	12.214	1746	1750	1752	rBV5	9906	13681	2.73%	0.396%
15	12.632	1816	1821	1829	rVB	167912	276098	55.15%	7.985%
16	12.791	1837	1848	1862	rVB6	86497	393984	78.70%	11.395%
17	13.579	1976	1982	1987	rBV	195360	336121	67.14%	9.721%
18	13.649	1987	1994	1995	rBV7	32916	60182	12.02%	1.741%
19	13.838	2017	2026	2042	rVB5	126248	500637	100.00%	14.480%
20	14.579	2145	2152	2164	rVB5	45304	157630	31.49%	4.559%
21	15.238	2260	2264	2266	rVV4	5663	8615	1.72%	0.249%
22	15.320	2276	2278	2282	rVB5	4233	6270	1.25%	0.181%
23	15.826	2354	2364	2374	rVB8	24355	87109	17.40%	2.519%
24	16.061	2400	2404	2409	rVV8	6603	14516	2.90%	0.420%

Sum of corrected areas: 3457528

LSC Report - Integrated Chromatogram

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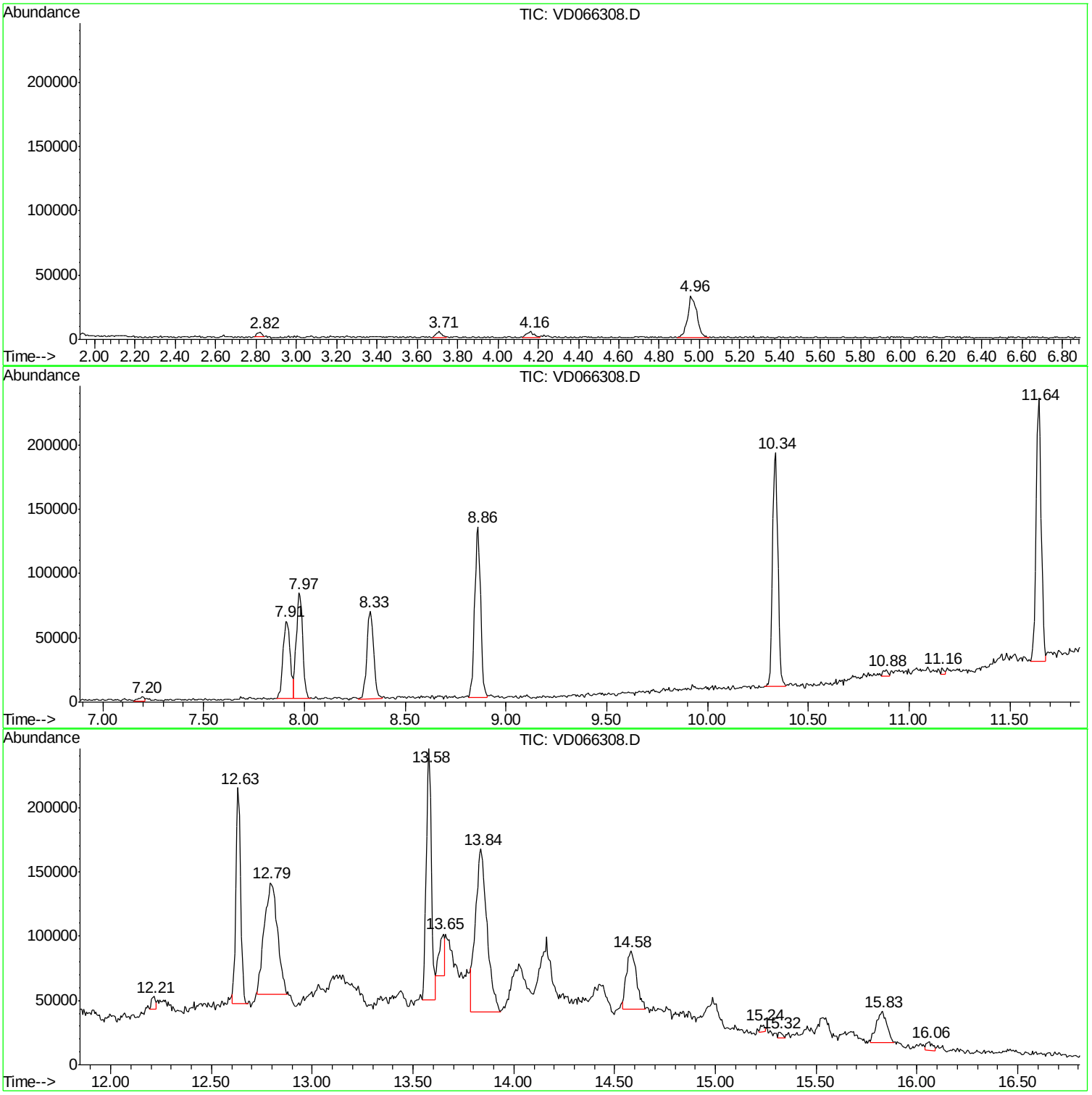
Operator : VA/SY
Sample : L3712-04
Misc : 6.93G/5.00ml/MSVOA D/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CHRT-26572

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081820\
Data File : VD066308.D
Acq On : 19 Aug 2020 07:11
Operator : VA/SY
Sample : L3712-04
Misc : 6.93G/5.00ml/MSVOA D/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : CHRT-26572

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260

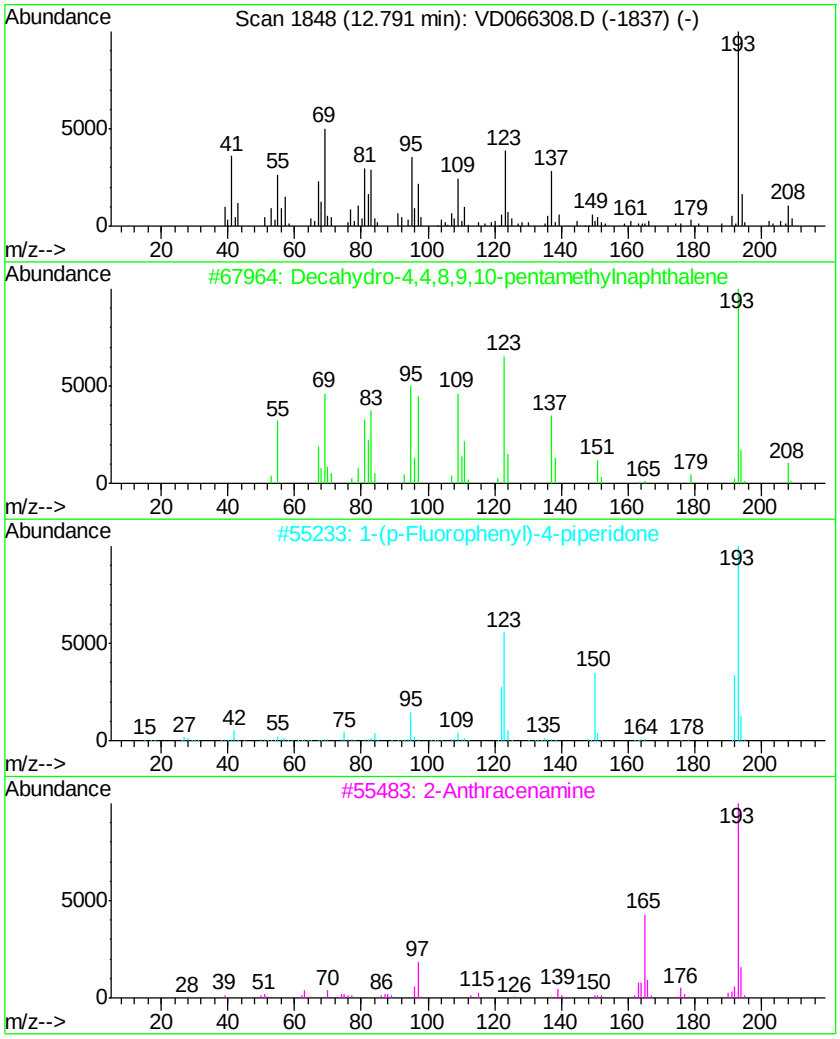
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

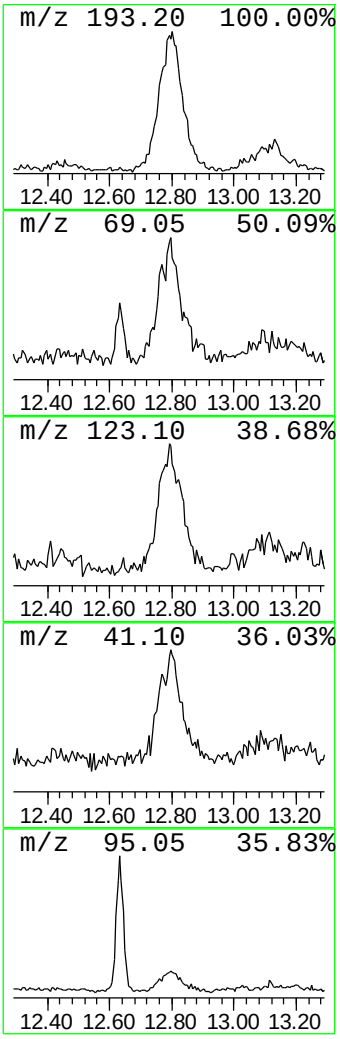
****

Peak Number 1 Decahydro-4,4,8,9,10-pentam... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	58.61 ug/l	393984	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	94
2	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	49
3	2-Anthracenamine	193	C14H11N	000613-13-8	43
4	[1,1'-Biphenyl]-4-acetonitrile	193	C14H11N	031603-77-7	30
5	2-Amino-4-ethylthiomethyl-6-pipe...	253	C11H19N5S	022362-22-7	27





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081820\
Data File : VD066308.D
Acq On : 19 Aug 2020 07:11
Operator : VA/SY
Sample : L3712-04
Misc : 6.93G/5.00ml/MSVOA D/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : CHRT-26572

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260

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

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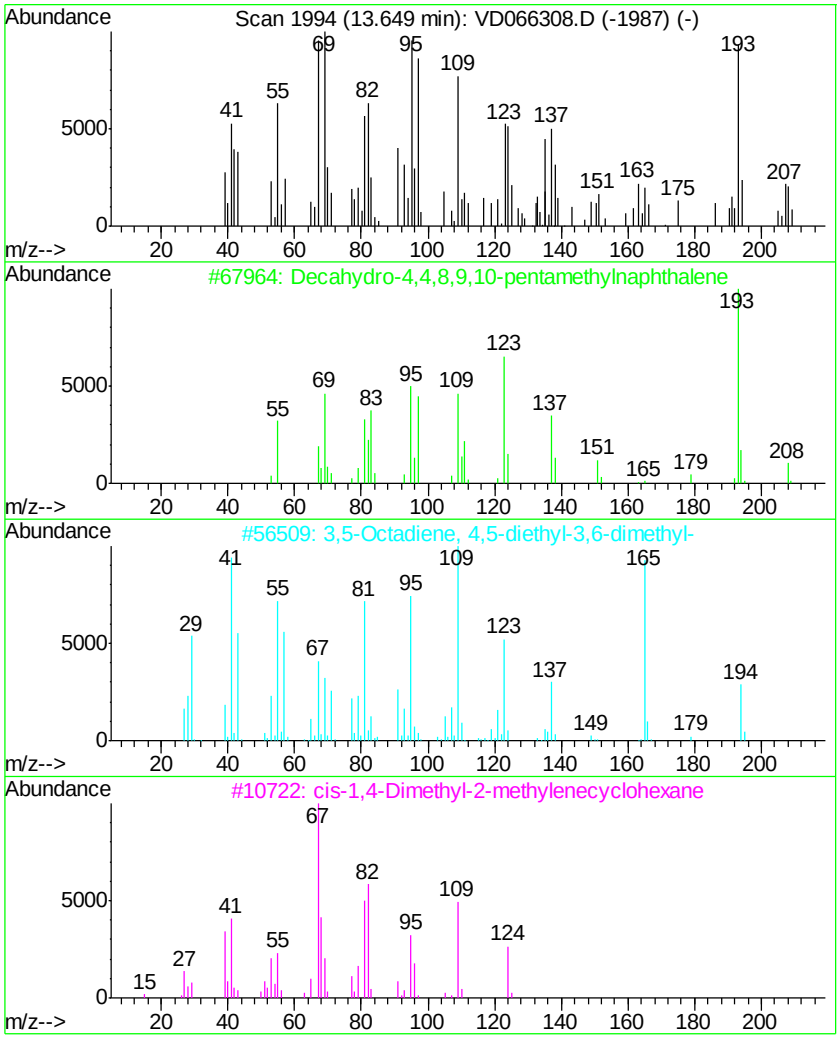
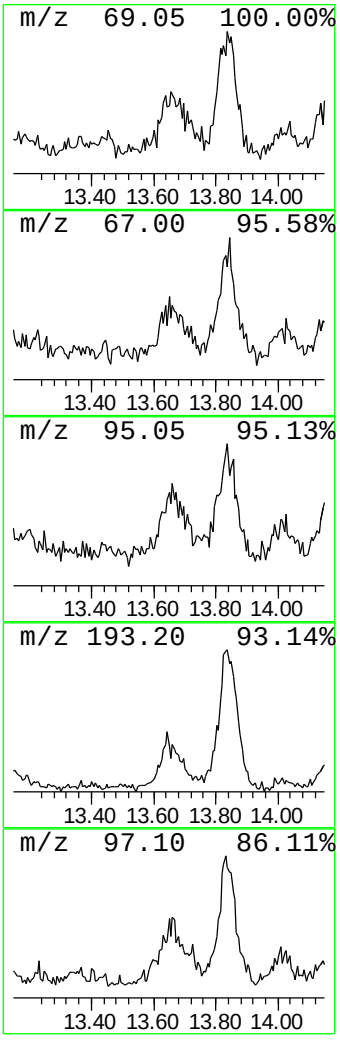
Peak Number 2 3,5-Octadiene, 4,5-diethyl-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	8.95 ug/l	60182	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	52
2	3,5-Octadiene, 4,5-diethyl-3,6-d...	194	C14H26	061233-79-2	51
3	cis-1,4-Dimethyl-2-methylenecycl...	124	C9H16	019781-46-5	35
4	Iminostilbene	193	C14H11N	000256-96-2	30
5	1-Methylbicyclo[3.2.1]octane	124	C9H16	119972-41-7	20





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081820\
Data File : VD066308.D
Acq On : 19 Aug 2020 07:11
Operator : VA/SY
Sample : L3712-04
Misc : 6.93G/5.00ml/MSVOA D/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : CHRT-26572

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260

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

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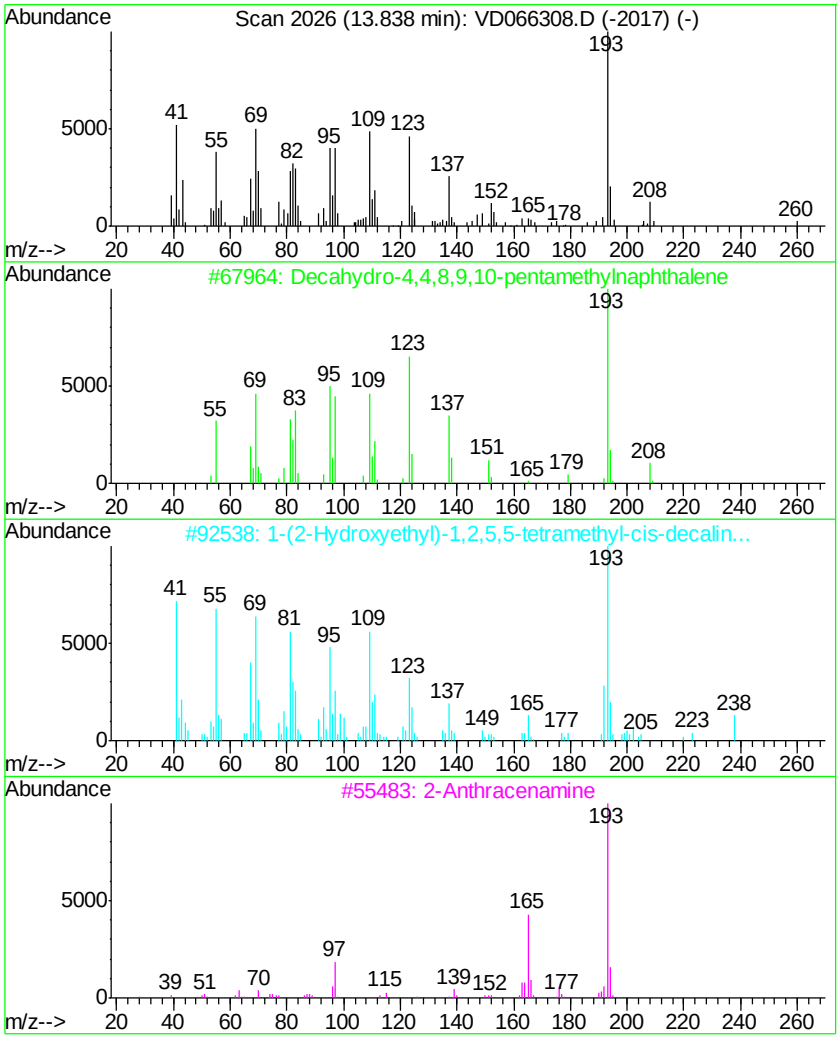
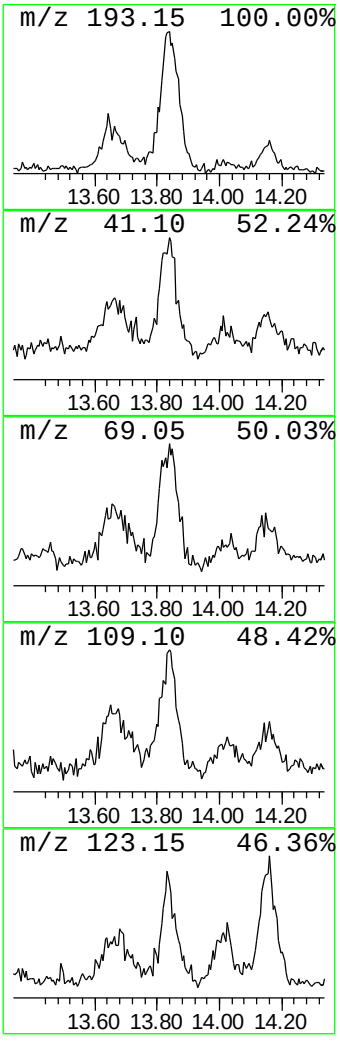
Peak Number 3 unknown13.84 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	74.47 ug/l	500637	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	91
2	1-(2-Hydroxyethyl)-1,2,5,5-tetra...	238	C16H30O	1000298-97-4	43
3	2-Anthracenamine	193	C14H11N	000613-13-8	35
4	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	32
5	Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	30





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081820\
Data File : VD066308.D
Acq On : 19 Aug 2020 07:11
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Sample : L3712-04
Misc : 6.93G/5.00ml/MSVOA D/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : CHRT-26572

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260

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

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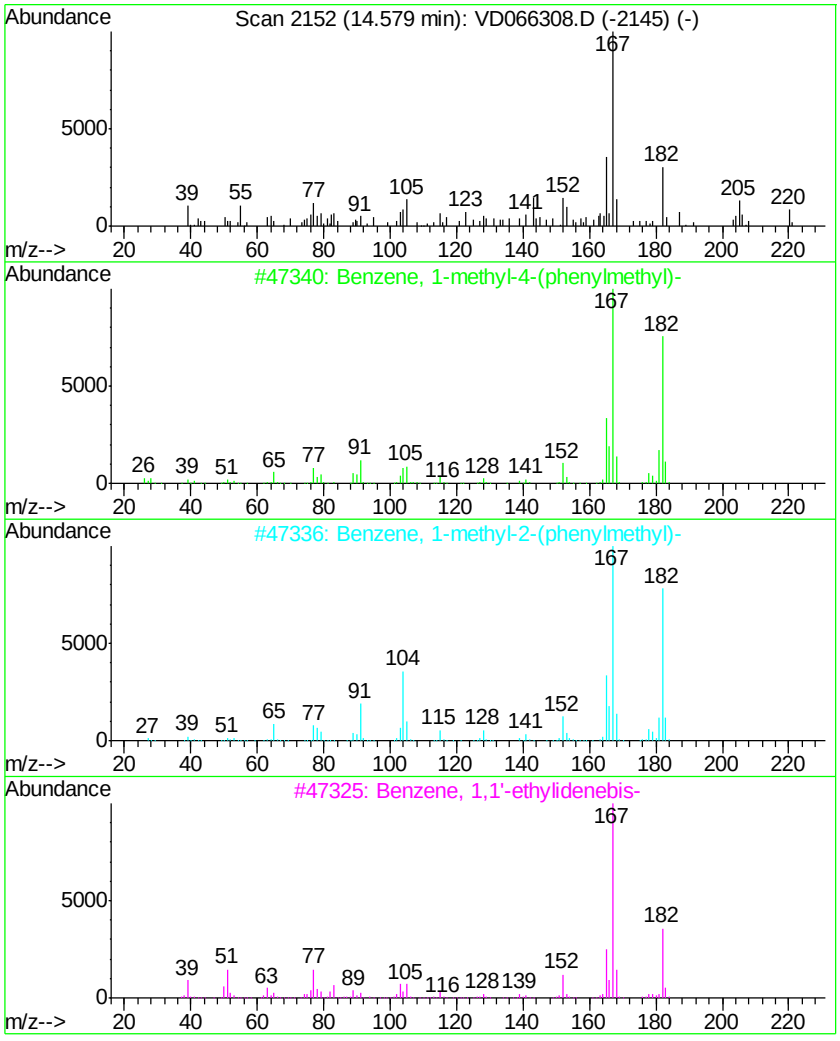
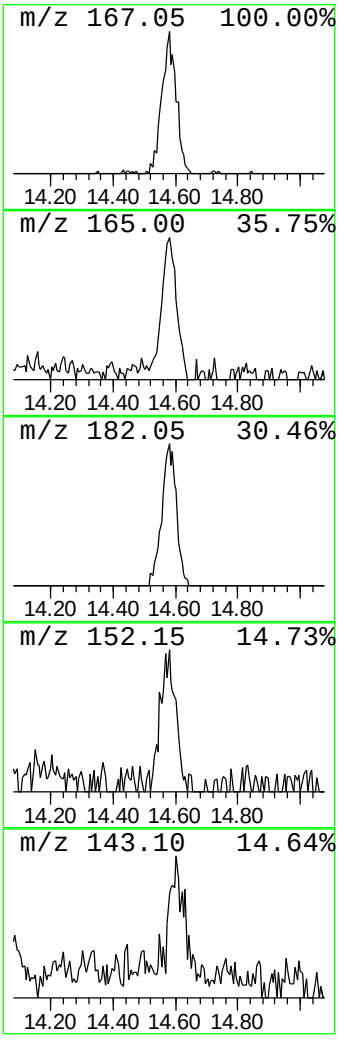
Peak Number 4 Benzene, 1-methyl-4-(phenyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	23.45 ug/l	157630	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	81
2	Benzene, 1-methyl-2-(phenylmethyl)-	182	C14H14	000713-36-0	72
3	Benzene, 1,1'-ethylidenebis-	182	C14H14	000612-00-0	68
4	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	64
5	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	60





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081820\
Data File : VD066308.D
Acq On : 19 Aug 2020 07:11
Operator : VA/SY
Sample : L3712-04
Misc : 6.93G/5.00ml/MSVOA D/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : CHRT-26572

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260

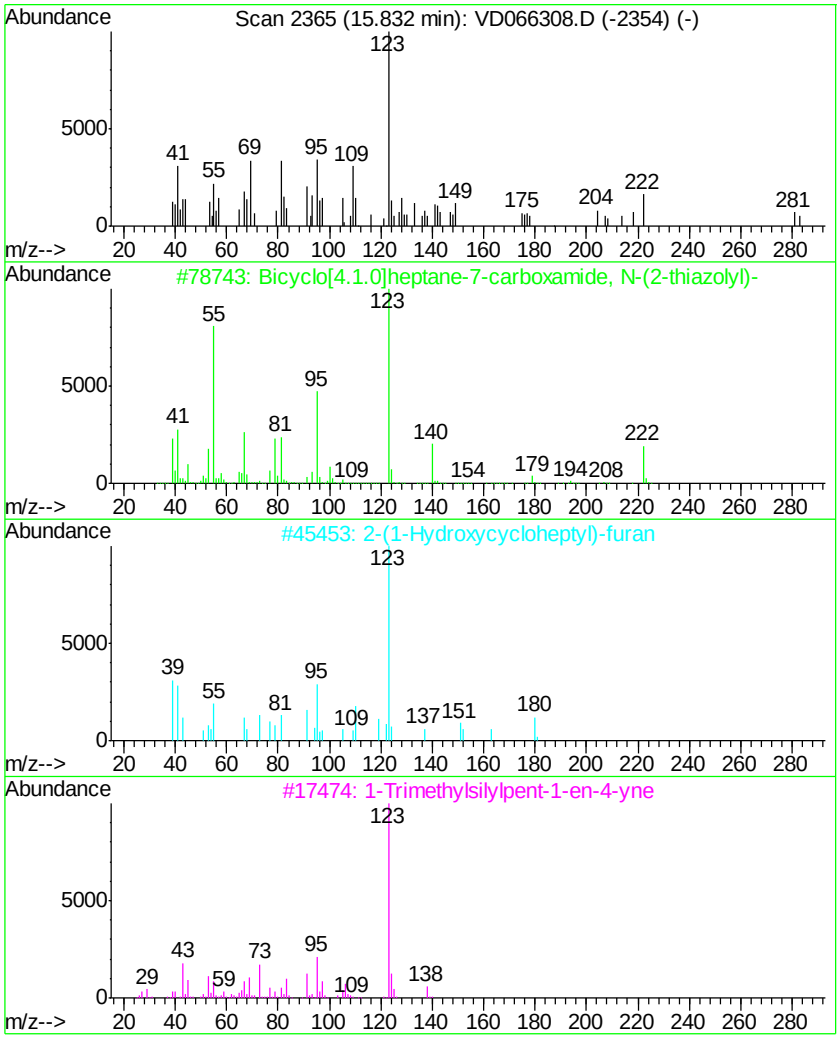
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

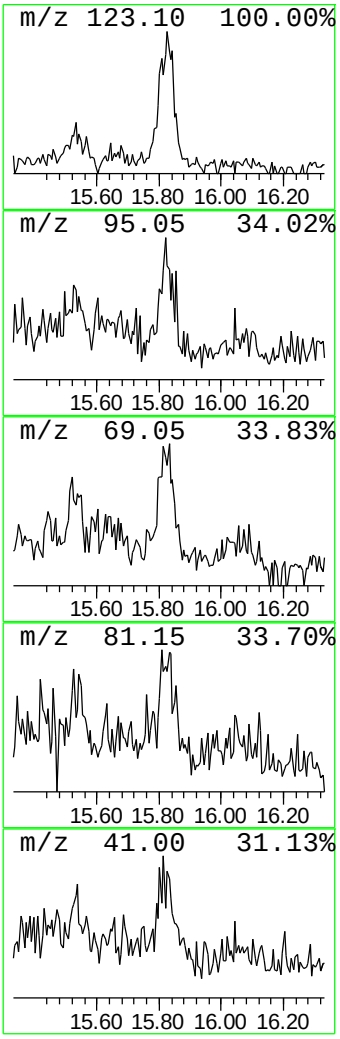
****

Peak Number 5 unknown15.83 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	12.96 ug/l	87109	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.1.0]heptane-7-carboxam...	222	C11H14N2OS	329912-72-3	47
2	2-(1-Hydroxycycloheptyl)-furan	180	C11H16O2	115754-89-7	43
3	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	43
4	1-Butanone, 1-bicyclo[4.1.0]hept...	166	C11H18O	054764-62-4	38
5	2-Cyclopenten-1-one, 3,4,5,5-tet...	138	C9H14O	090611-02-2	38





Tentatively Identified Compound (LSC) summary

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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
Decahydro-4,4,8,9...	12.79	58.6	ug/l	393984	4	13.58	336121	50.0
3,5-Octadiene, 4,...	13.65	8.9	ug/l	60182	4	13.58	336121	50.0
unknown13.84	13.84	74.5	ug/l	500637	4	13.58	336121	50.0
Benzene, 1-methyl...	14.58	23.4	ug/l	157630	4	13.58	336121	50.0
unknown15.83	15.83	13.0	ug/l	87109	4	13.58	336121	50.0