LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
Data File : VW003992.D
Acq On : 17 Jul 2018 18:21
Operator : VA/AP
Sample : J3829-03
Misc : 5.86G/5ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : PL-01-071318-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\82W071618S.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	1.746	19	26	28	rBV	10562	19444	1.06%	0.292%
2	1.807	28	36	51	rVB	812112	1837818	100.00%	27.553%
3	4.916	533	546	569	rVB2	18321	79644	4.33%	1.194%
4	5.928	701	712	723	rVB2	7488	22163	1.21%	0.332%
5	7.153	901	913	927	rBV	52039	147638	8.03%	2.213%
6	7.885	1023	1033	1038	rBV	120812	286134	15.57%	4.290%
7	7.952	1038	1044	1052	rVB	185152	412943	22.47%	6.191%
8	8.306	1094	1102	1113	rVB	131051	291782	15.88%	4.375%
9	8.848	1182	1191	1203	rBV	301568	601411	32.72%	9.017%
10	9.330	1258	1270	1277	rBV5	12976	37809	2.06%	0.567%
11	10.330	1426	1434	1449	rBV	354547	641672	34.91%	9.620%
12	10.494	1456	1461	1470	rVB5	10889	26455	1.44%	0.397%
13	10.665	1484	1489	1494	rVB2	17495	28401	1.55%	0.426%
14	11.238	1578	1583	1588	rVB	31167	50947	2.77%	0.764%
15	11.439	1604	1616	1624	rVB7	11836	30393	1.65%	0.456%
16	11.634	1640	1648	1658	rBV	319560	539965	29.38%	8.095%
17	11.878	1684	1688	1700	rVB6	15232	47725	2.60%	0.716%
18	12.146	1723	1732	1739	rBV7	14840	49364	2.69%	0.740%
19	12.347	1760	1765	1771	rBV4	13191	30582	1.66%	0.458%
20	12.622	1804	1810	1818	rBV	176783	295408	16.07%	4.429%
21	12.786	1832	1837	1844	rVB4	15388	31949	1.74%	0.479%
22	12.945	1854	1863	1869	rVV7	14170	29863	1.62%	0.448%
23	13.567	1958	1965	1973	rVB	181926	300154	16.33%	4.500%
24	13.884	2012	2017	2023	rBV3	23066	40498	2.20%	0.607%
25	14.097	2047	2052	2057	rVB5	10910	22721	1.24%	0.341%
26	14.213	2065	2071	2076	rBV4	19413	36223	1.97%	0.543%
27	14.396	2097	2101	2104	rBV4	16940	24398	1.33%	0.366%
28	14.512	2116	2120	2123	rBV3	15884	23036	1.25%	0.345%
29	14.554	2123	2127	2133	rVB5	15645	26819	1.46%	0.402%
30	14.737	2148	2157	2163	rBV5	21136	45282	2.46%	0.679%
31	14.823	2163	2171	2174	rBV4	25781	66228	3.60%	0.993%
32	14.865	2175	2178	2185	rVB5	14720	28602	1.56%	0.429%
33	14.975	2191	2196	2201	rBV7	14406	33822	1.84%	0.507%
34	15.079	2208	2213	2216	rBV5	18137	31235	1.70%	0.468%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
Data File : VW003992.D
Acq On : 17 Jul 2018 18:21
Operator : VA/AP
Sample : J3829-03
Misc : 5.86G/5ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : PL-01-071318-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\82W071618S.M
Title : SW846 8260

35	15.188	2225	2231	2237	rVB4	19158	46166	2.51%	0.692%
36	15.341	2251	2256	2259	rBV6	15837	29966	1.63%	0.449%
37	15.438	2267	2272	2276	rBV3	17047	32971	1.79%	0.494%
38	15.572	2291	2294	2303	rVB9	19746	38816	2.11%	0.582%
39	15.670	2303	2310	2317	rBV9	12574	43019	2.34%	0.645%
40	15.835	2332	2337	2340	rVV5	11427	24172	1.32%	0.362%
41	15.877	2341	2344	2349	rVB3	16021	26363	1.43%	0.395%
42	16.036	2366	2370	2386	rVB6	15198	55404	3.01%	0.831%
43	16.188	2389	2395	2401	rBV5	19294	42167	2.29%	0.632%
44	16.389	2422	2428	2434	rVB5	29177	60691	3.30%	0.910%
45	16.664	2465	2473	2486	rBV5	12223	51797	2.82%	0.777%

Sum of corrected areas: 6670060

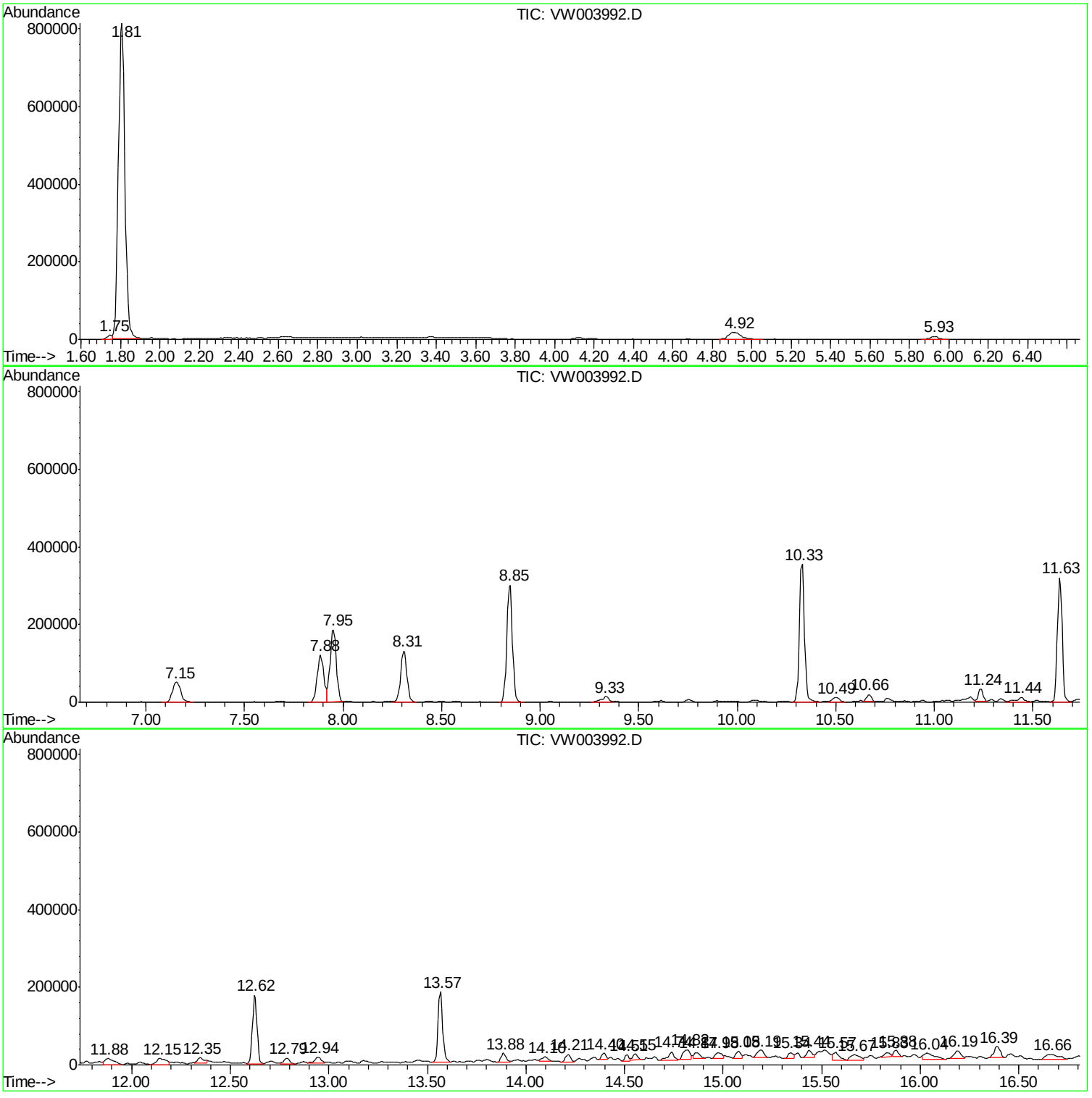
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
Data File : VW003992.D
Acq On : 17 Jul 2018 18:21
Operator : VA/AP
Sample : J3829-03
Misc : 5.86G/5ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PL-01-071318-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
Data File : VW003992.D
Acq On : 17 Jul 2018 18:21
Operator : VA/AP
Sample : J3829-03
Misc : 5.86G/5ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : PL-01-071318-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260

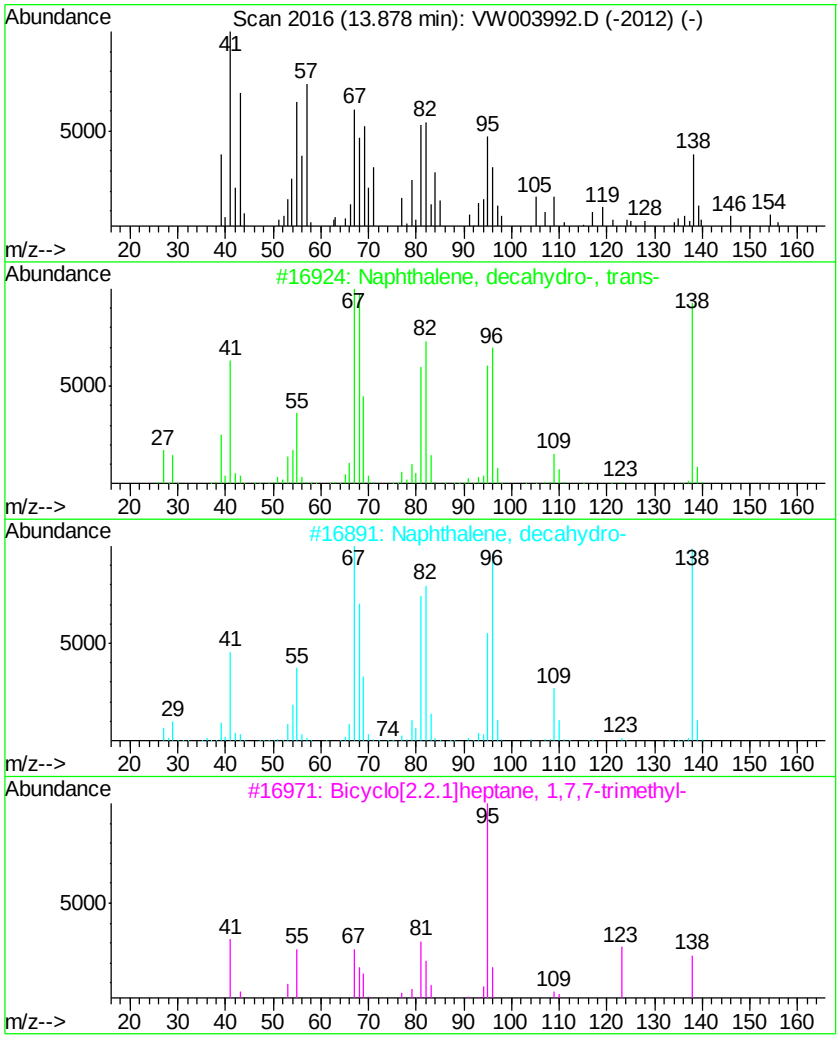
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

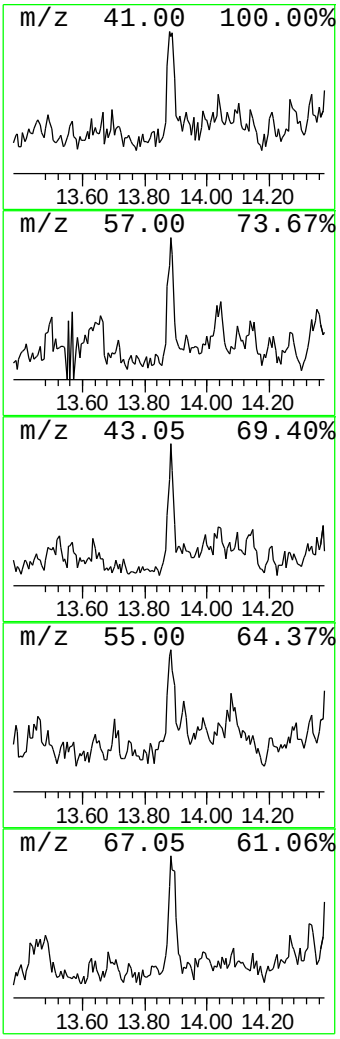
****

Peak Number 2 Naphthalene, decahydro-, tr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	6.75 ug/l	40498	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	93
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	70
3	Bicyclo[2.2.1]heptane, 1,7,7-tri...	138	C10H18	000464-15-3	60
4	Cyclohexanol, 2-butyl-,	156	C10H20O	036159-49-6	58
5	2-Decen-1-ol, (E)-	156	C10H20O	018409-18-2	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
Data File : VW003992.D
Acq On : 17 Jul 2018 18:21
Operator : VA/AP
Sample : J3829-03
Misc : 5.86G/5ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : PL-01-071318-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260

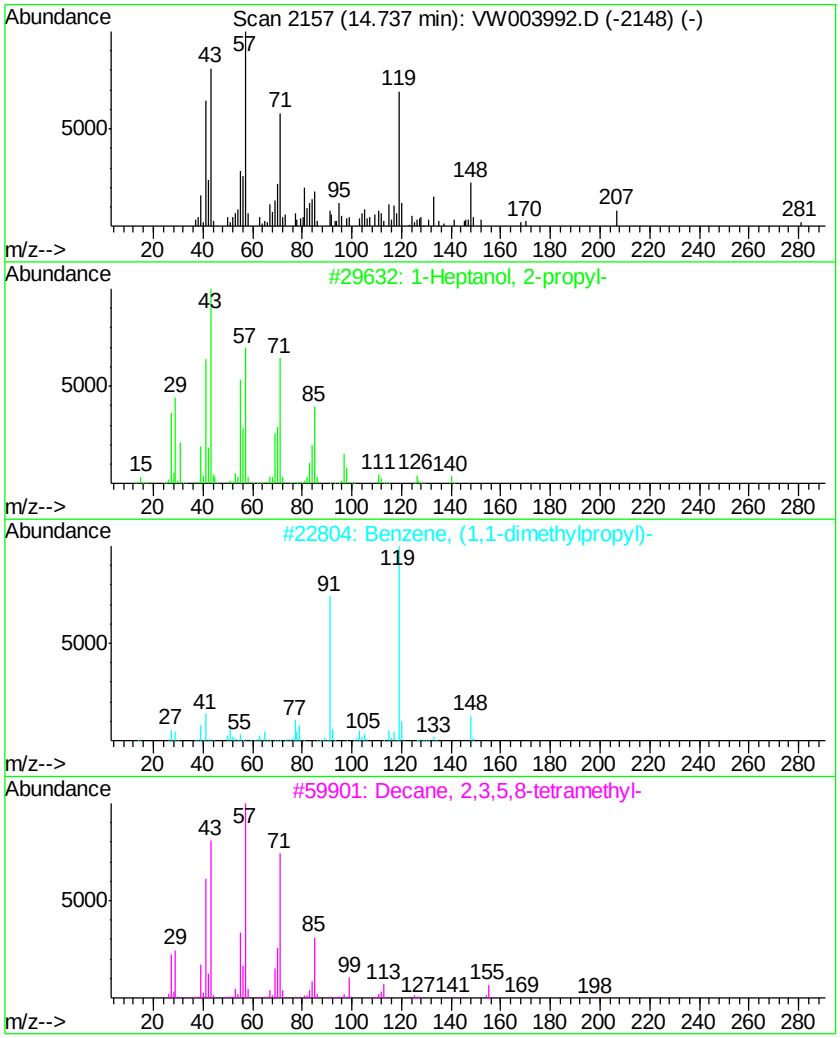
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

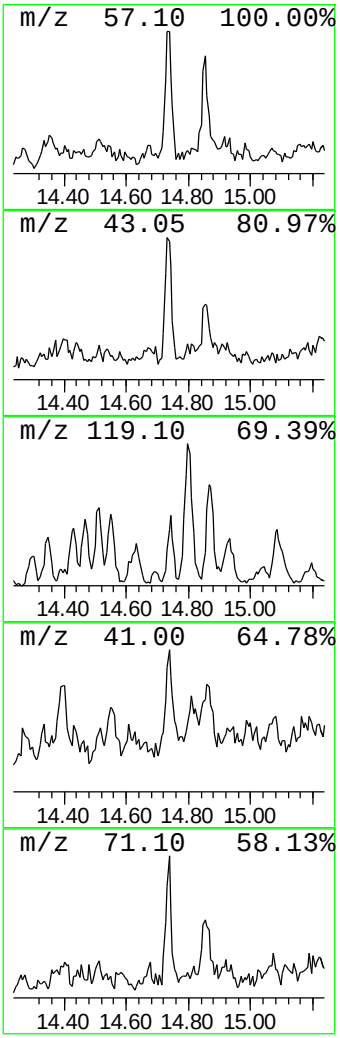
****

Peak Number 3 unknown14.74 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	7.54 ug/l	45282	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptanol, 2-propyl-	158	C10H22O	010042-59-8	35
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	30
3	Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	27
4	2-Ethyl-2-methyl-1,3-dithiolane	148	C6H12S2	006008-81-7	27
5	Ether, 6-methylheptyl vinyl	156	C10H20O	010573-35-0	27





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
Data File : VW003992.D
Acq On : 17 Jul 2018 18:21
Operator : VA/AP
Sample : J3829-03
Misc : 5.86G/5ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : PL-01-071318-B

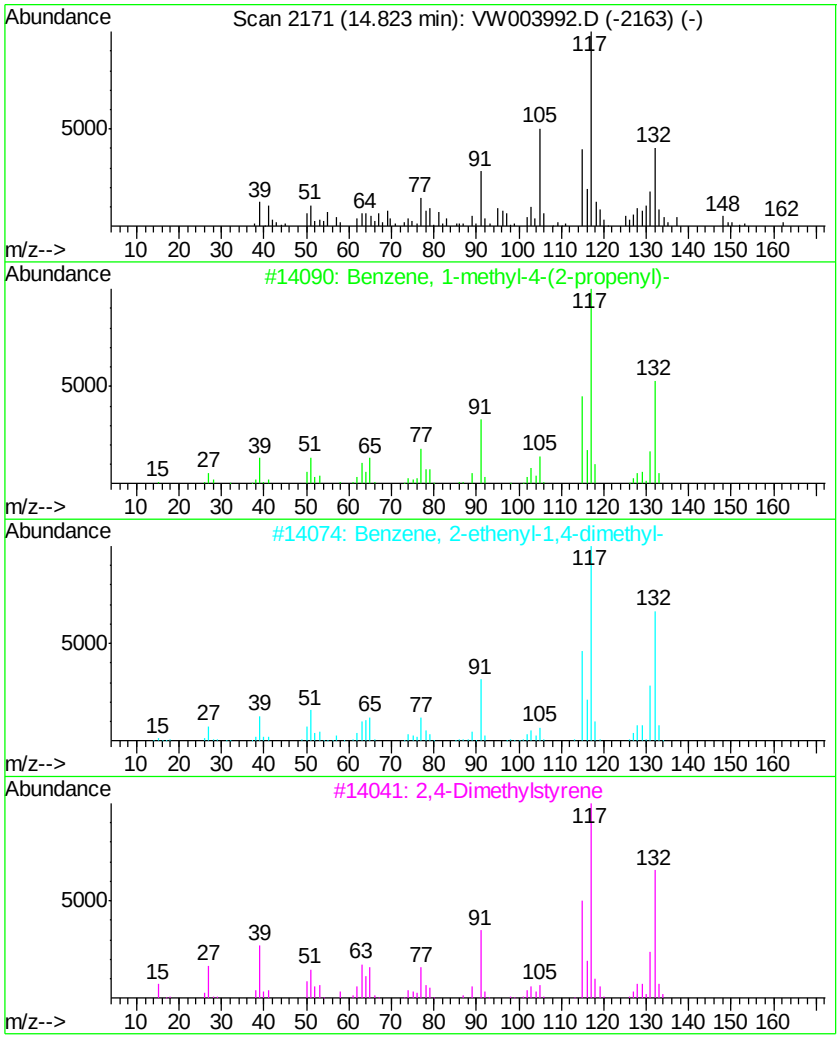
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260

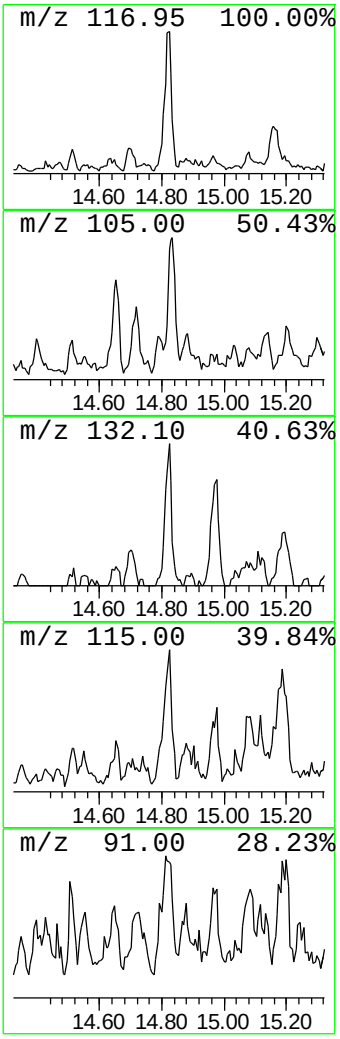
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-methyl-4-(2-prop... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	11.03 ug/l	66228	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	96
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	94
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	93
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	90
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
Data File : VW003992.D
Acq On : 17 Jul 2018 18:21
Operator : VA/AP
Sample : J3829-03
Misc : 5.86G/5ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : PL-01-071318-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260

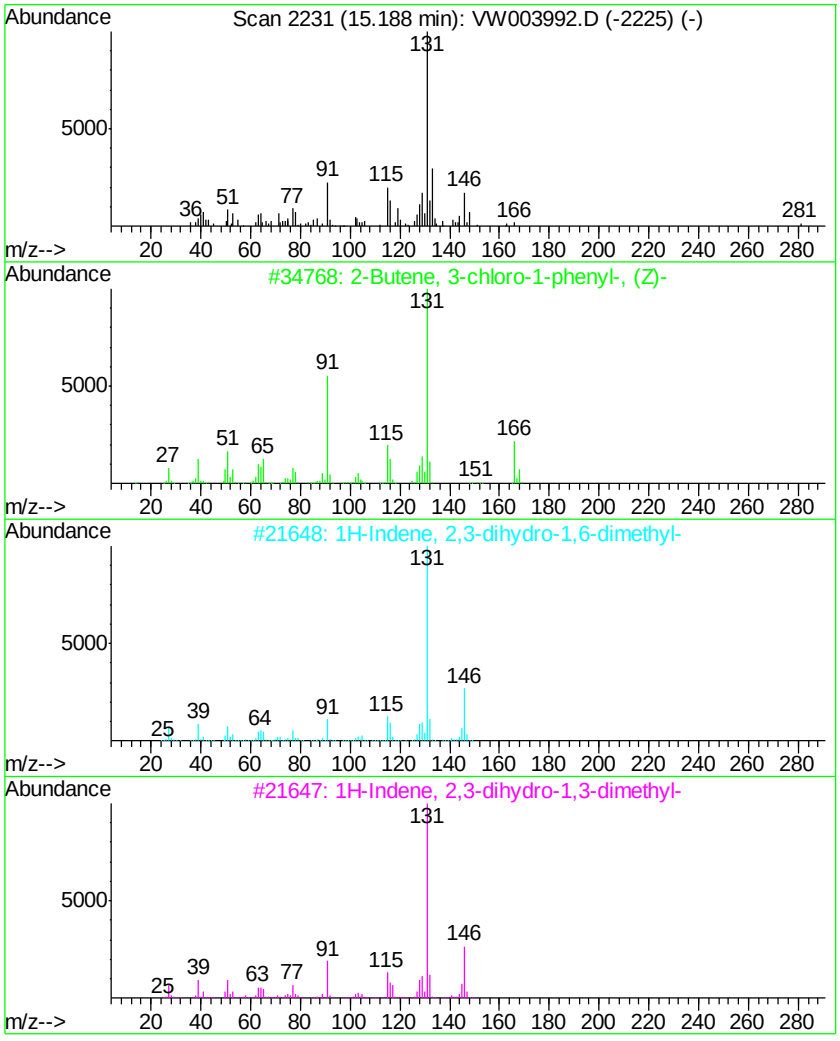
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

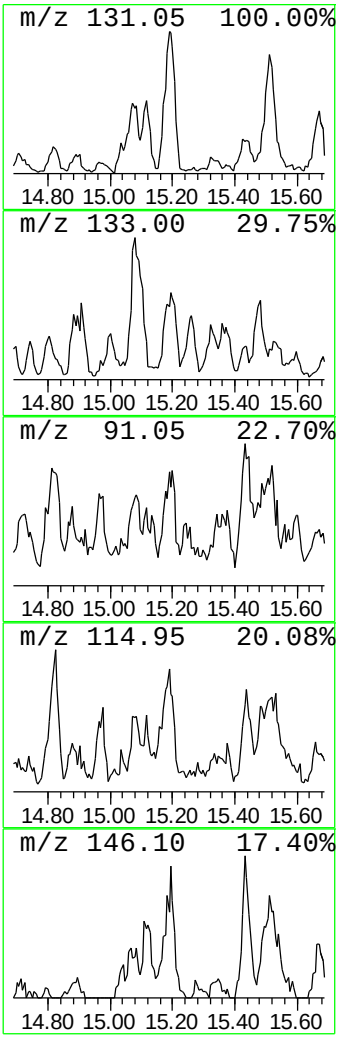
****

Peak Number 5 2-Butene, 3-chloro-1-phenyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	7.69 ug/l	46166	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 3-chloro-1-phenyl-, (Z)-	166	C10H11Cl	016608-68-7	94
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	93
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	81
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071718\
Data File : VW003992.D
Acq On : 17 Jul 2018 18:21
Operator : VA/AP
Sample : J3829-03
Misc : 5.86G/5ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : PL-01-071318-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260

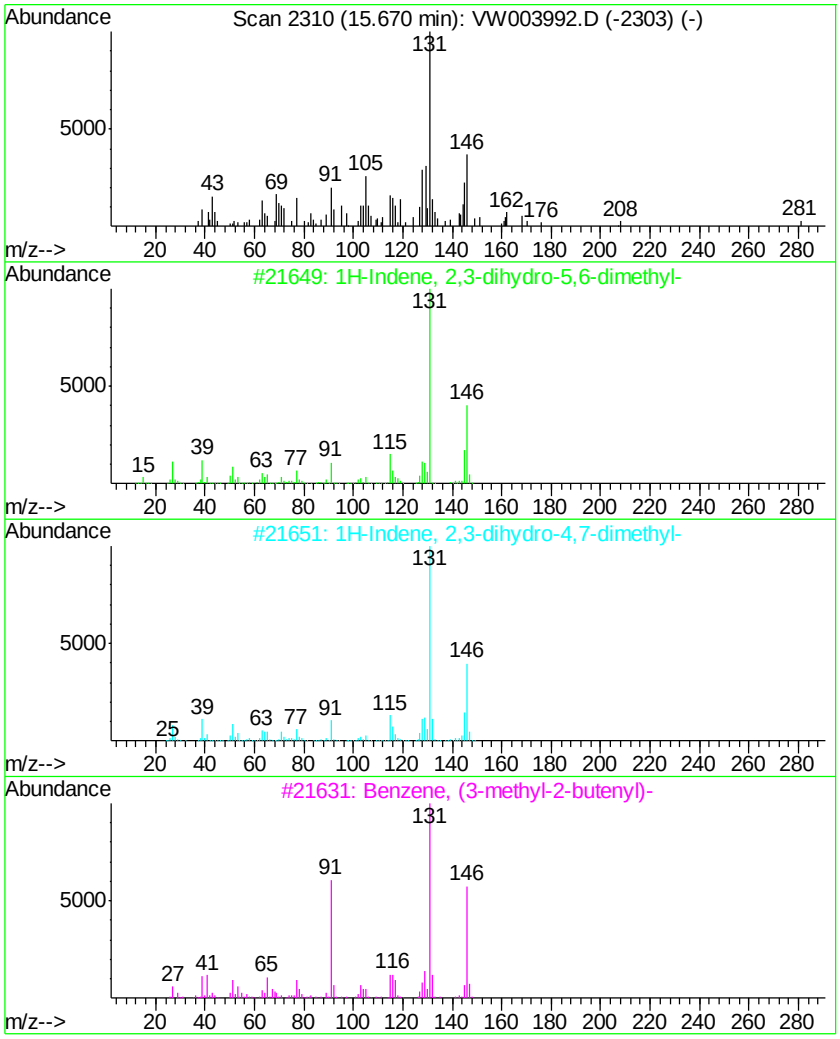
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

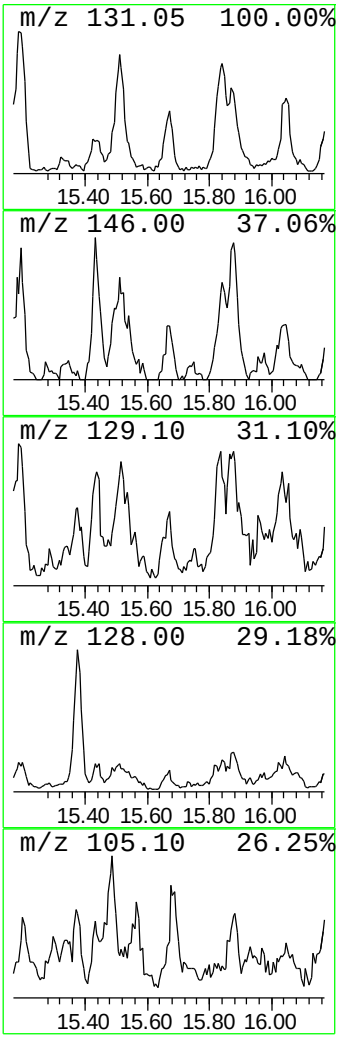
****

Peak Number 6 1H-Indene, 2,3-dihydro-5,6-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	7.17 ug/l	43019	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	64
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
4	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	60
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071718\
Data File : VW003992.D
Acq On : 17 Jul 2018 18:21
Operator : VA/AP
Sample : J3829-03
Misc : 5.86G/5ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : PL-01-071318-B

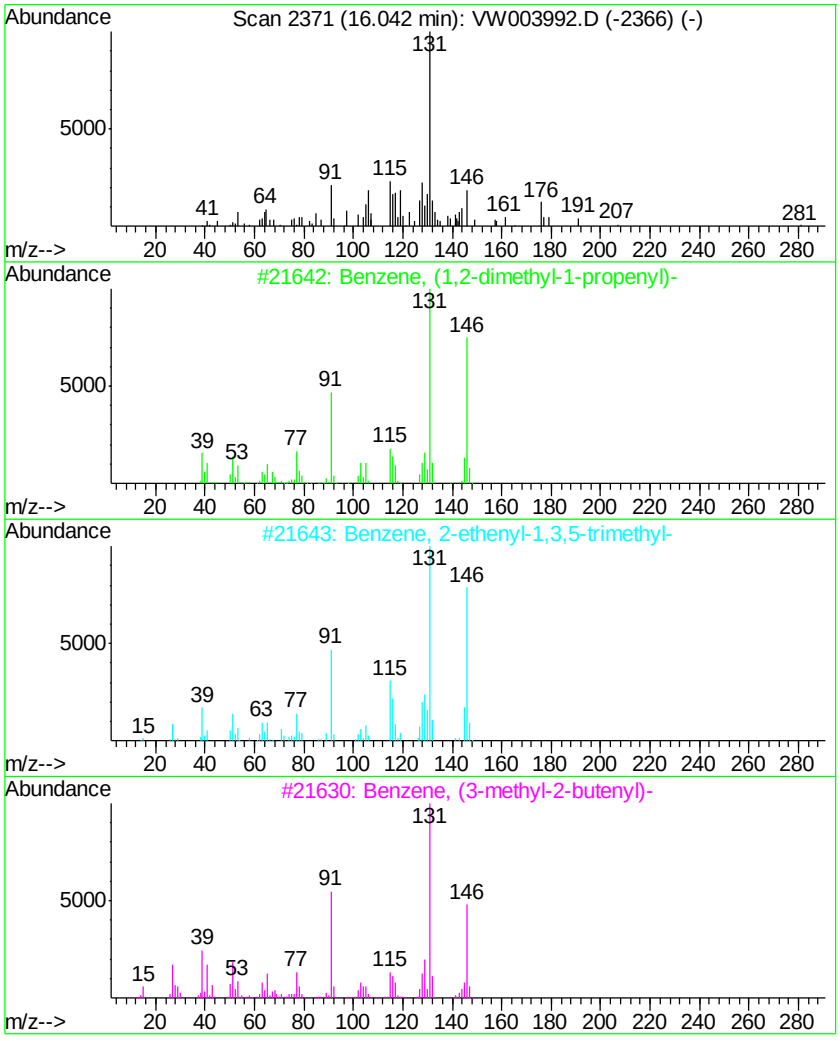
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260

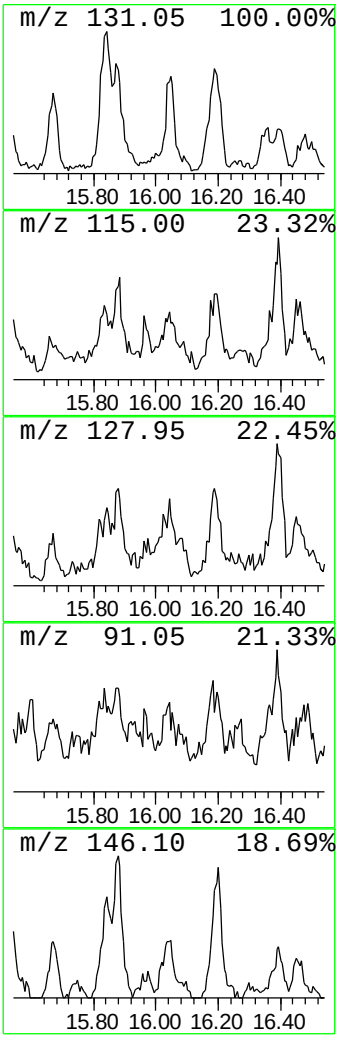
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	9.23 ug/l	55404	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	81
2	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	68
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	53
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
Data File : VW003992.D
Acq On : 17 Jul 2018 18:21
Operator : VA/AP
Sample : J3829-03
Misc : 5.86G/5ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : PL-01-071318-B

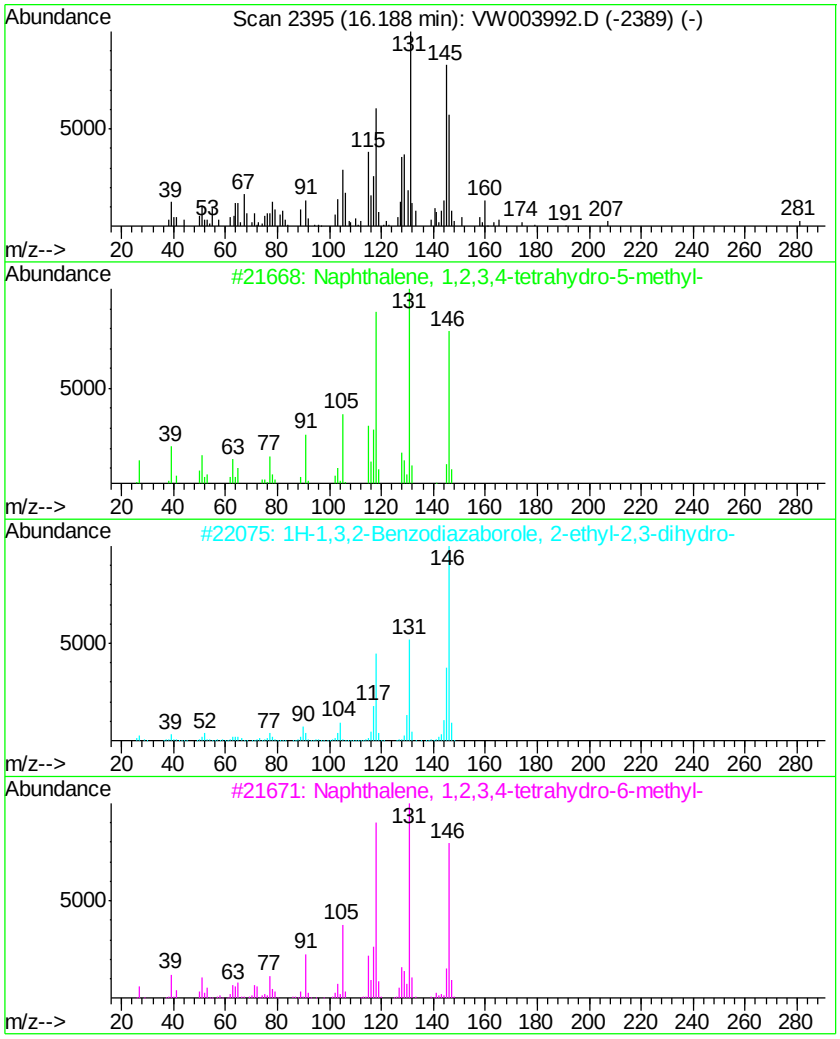
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260

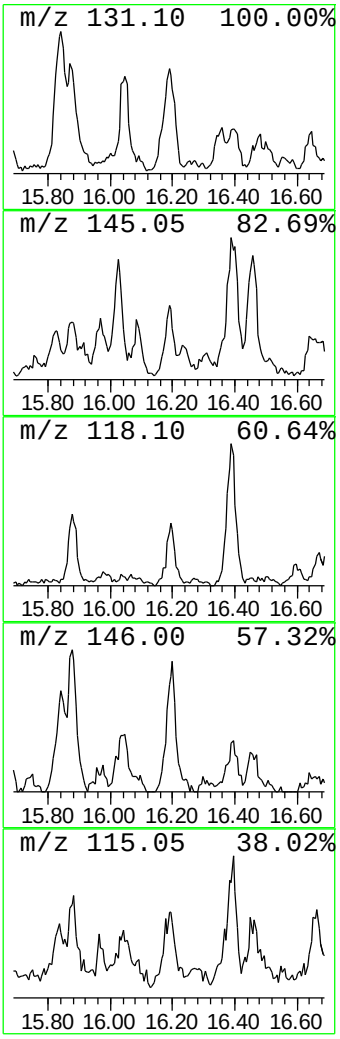
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	7.02 ug/l	42167	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	90
2	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	60
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	60
4	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	55
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	46





Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
Data File : VW003992.D
Acq On : 17 Jul 2018 18:21
Operator : VA/AP
Sample : J3829-03
Misc : 5.86G/5ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : PL-01-071318-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260

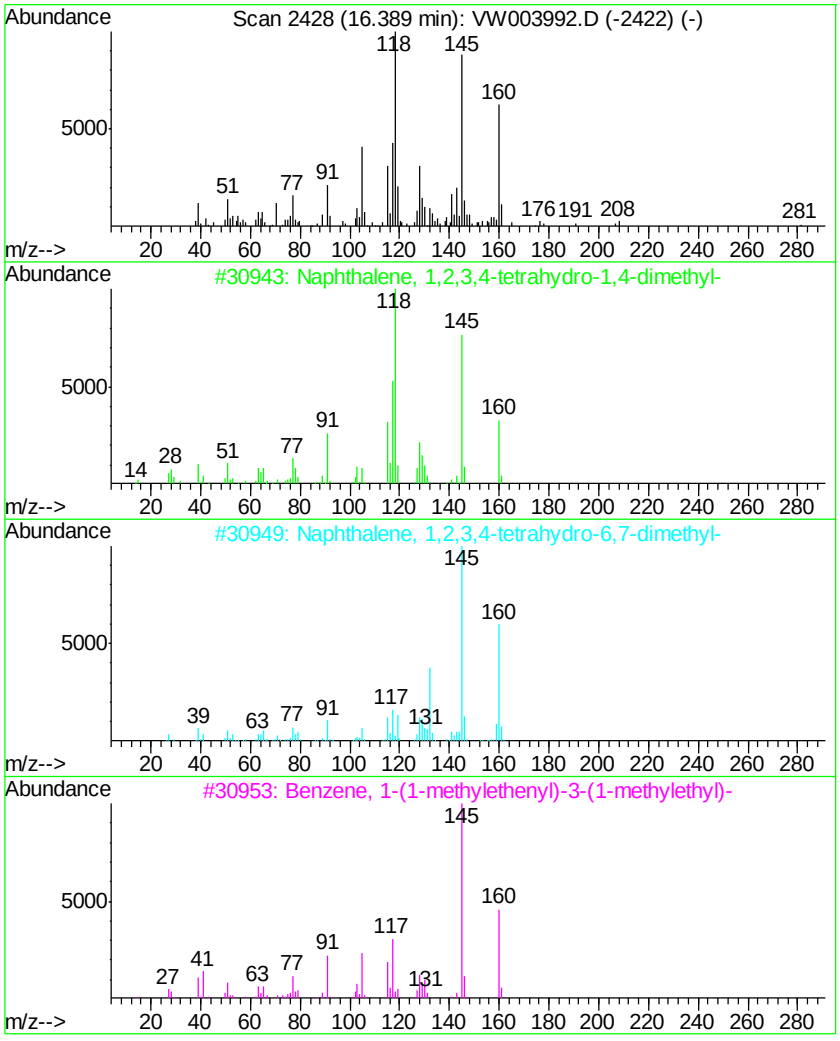
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

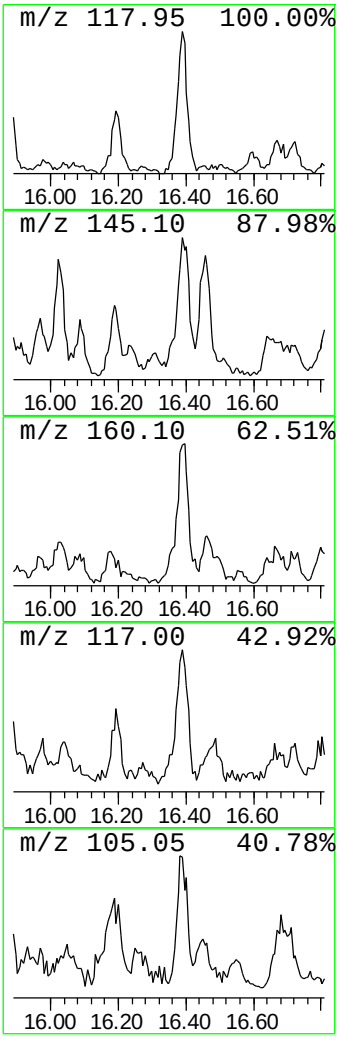
****

Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.39	10.11 ug/l	60691	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	68
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	60
3	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	60
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	53
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071718\
Data File : VW003992.D
Acq On : 17 Jul 2018 18:21
Operator : VA/AP
Sample : J3829-03
Misc : 5.86G/5ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : PL-01-071318-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260

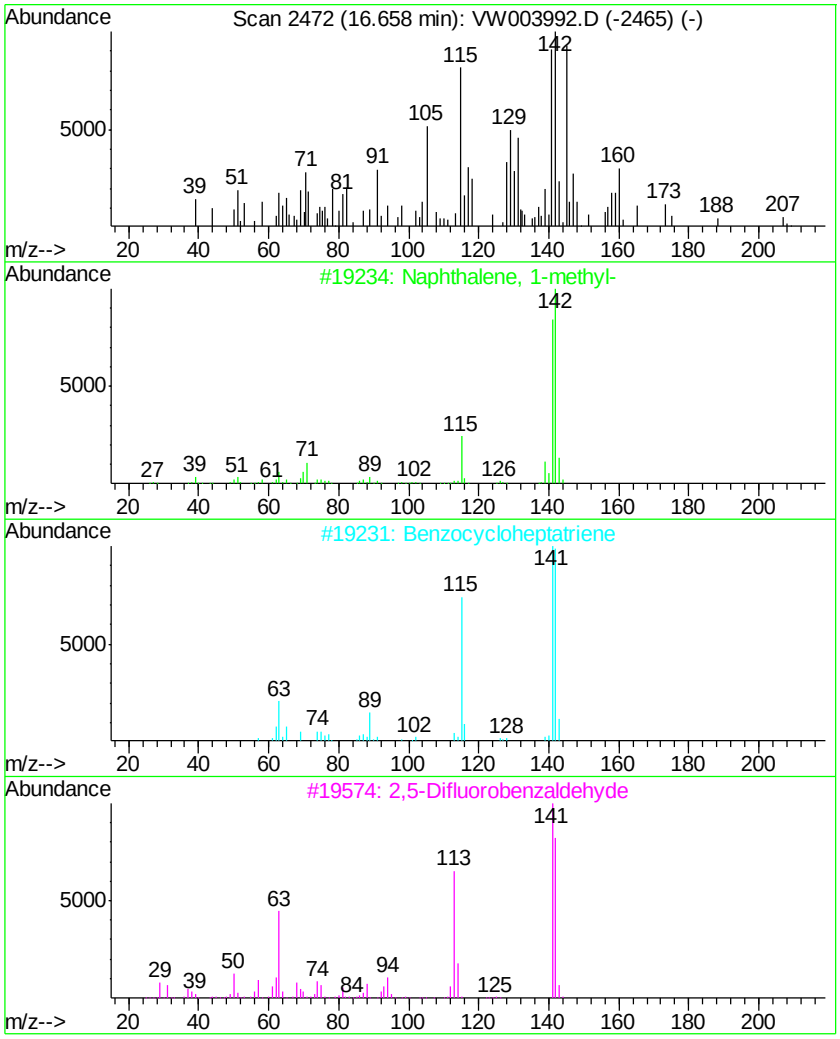
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

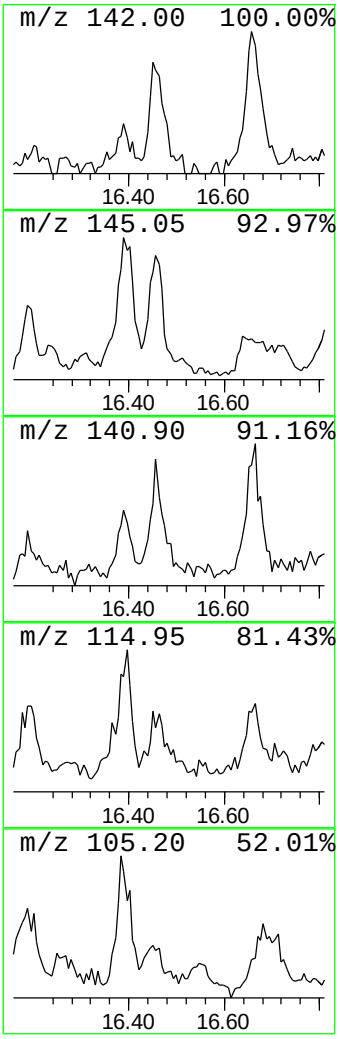
****

Peak Number 10 unknown16.66 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.66	8.63 ug/l	51797	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	38
2	Benzocycloheptatriene	142	C11H10	000264-09-5	38
3	2,5-Difluorobenzaldehyde	142	C7H4F2O	002646-90-4	25
4	Benzeneacetonitrile, 2-cyano-	142	C9H6N2	003759-28-2	25
5	Dec-5-ene-3,7-diyne, 2,9-dimethyl-	160	C12H16	1000211-23-3	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071718\
Data File : VW003992.D
Acq On : 17 Jul 2018 18:21
Operator : VA/AP
Sample : J3829-03
Misc : 5.86G/5ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : PL-01-071318-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.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
Naphthalene, deca...	13.88	6.8	ug/l	40498	4	13.57	300154	50.0
unknown14.74	14.74	7.5	ug/l	45282	4	13.57	300154	50.0
Benzene, 1-methyl...	14.82	11.0	ug/l	66228	4	13.57	300154	50.0
2-Butene, 3-chlor...	15.19	7.7	ug/l	46166	4	13.57	300154	50.0
1H-Indene, 2,3-di...	15.67	7.2	ug/l	43019	4	13.57	300154	50.0
Benzene, (1,2-dim...	16.04	9.2	ug/l	55404	4	13.57	300154	50.0
Naphthalene, 1,2,...	16.19	7.0	ug/l	42167	4	13.57	300154	50.0
Naphthalene, 1,2,...	16.39	10.1	ug/l	60691	4	13.57	300154	50.0
unknown16.66	16.66	8.6	ug/l	51797	4	13.57	300154	50.0