LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111723\
Data File : VY016417.D
Acq On : 17 Nov 2023 18:03
Operator : SY/MD
Sample : 05464-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-11162023

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_Y\methods\82Y110823S.M
Title : SW846 8260

Signal : TIC: VY016417.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.217	60	65	75	rVB3	3867	7049	1.39%	0.160%
2	3.948	343	349	359	rVB	1806	5333	1.06%	0.121%
3	4.716	465	475	485	rBV2	17548	54858	10.86%	1.248%
4	5.753	635	645	655	rBV4	4273	12756	2.52%	0.290%
5	7.722	957	968	973	rBV	72624	172863	34.21%	3.932%
6	7.789	973	979	990	rVB	119571	267286	52.89%	6.080%
7	8.143	1027	1037	1047	rBV	76234	168490	33.34%	3.832%
8	8.691	1119	1127	1137	rBV	190588	367975	72.82%	8.370%
9	10.179	1363	1371	1380	rBV	290920	505343	100.00%	11.494%
10	10.581	1431	1437	1444	rBV	10928	19612	3.88%	0.446%
11	10.953	1492	1498	1507	rBV2	5891	14863	2.94%	0.338%
12	11.490	1579	1586	1598	rVB	279717	464861	91.99%	10.574%
13	12.337	1718	1725	1730	rBV5	2753	5171	1.02%	0.118%
14	12.483	1742	1749	1758	rBV	224456	362197	71.67%	8.238%
15	12.819	1793	1804	1809	rBV7	6832	15739	3.11%	0.358%
16	12.971	1823	1829	1834	rBV7	2468	6117	1.21%	0.139%
17	13.044	1837	1841	1848	rVB5	3860	7338	1.45%	0.167%
18	13.123	1848	1854	1860	rBV	4257	8932	1.77%	0.203%
19	13.319	1878	1886	1890	rBV8	7937	17121	3.39%	0.389%
20	13.428	1898	1904	1914	rBV	301017	465592	92.13%	10.590%
21	13.562	1919	1926	1928	rBV6	3213	6610	1.31%	0.150%
22	13.623	1929	1936	1940	rVV2	11974	22821	4.52%	0.519%
23	13.666	1940	1943	1952	rVB2	11140	21328	4.22%	0.485%
24	13.751	1952	1957	1962	rBV3	19033	33736	6.68%	0.767%
25	13.825	1962	1969	1976	rVV2	10828	27669	5.48%	0.629%
26	13.892	1976	1980	1981	rVV3	5330	7919	1.57%	0.180%
27	13.916	1981	1984	1988	rVV	11726	19428	3.84%	0.442%
28	13.971	1988	1993	1998	rVB2	21046	37989	7.52%	0.864%
29	14.081	2006	2011	2016	rBV	28074	45406	8.99%	1.033%
30	14.142	2016	2021	2023	rVV3	6136	11084	2.19%	0.252%
31	14.215	2027	2033	2036	rVV4	9311	19337	3.83%	0.440%
32	14.257	2036	2040	2044	rVV3	21201	33553	6.64%	0.763%
33	14.300	2044	2047	2050	rVV2	10006	13620	2.70%	0.310%
34	14.337	2050	2053	2057	rVB	13367	17296	3.42%	0.393%
35	14.385	2057	2061	2064	rBV2	15131	20451	4.05%	0.465%
36	14.422	2064	2067	2071	rVV3	19763	27260	5.39%	0.620%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111723\
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Operator : SY/MD
Sample : 05464-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-11162023

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_Y\methods\82Y110823S.M
Title : SW846 8260

37	14.483	2073	2077	2079	rVV4	8023	12499	2.47%	0.284%
38	14.526	2081	2084	2087	rVB	12303	15541	3.08%	0.353%
39	14.568	2087	2091	2095	rBV4	10920	17170	3.40%	0.391%
40	14.617	2095	2099	2104	rVB2	17914	26827	5.31%	0.610%
41	14.684	2104	2110	2116	rBV4	59423	133817	26.48%	3.044%
42	14.739	2116	2119	2125	rVB4	15959	26968	5.34%	0.613%
43	14.837	2130	2135	2140	rVV2	35183	55150	10.91%	1.254%
44	14.946	2148	2153	2156	rBV2	24220	39170	7.75%	0.891%
45	14.983	2156	2159	2165	rVV3	16311	28307	5.60%	0.644%
46	15.062	2165	2172	2178	rVB2	31341	72954	14.44%	1.659%
47	15.208	2191	2196	2198	rBV6	5947	10312	2.04%	0.235%
48	15.245	2200	2202	2206	rVV4	8474	12913	2.56%	0.294%
49	15.300	2206	2211	2216	rVV2	30647	66460	13.15%	1.512%
50	15.373	2217	2223	2231	rVV5	23015	80937	16.02%	1.841%
51	15.440	2231	2234	2241	rVB6	9884	18853	3.73%	0.429%
52	15.532	2241	2249	2255	rBV4	16989	42000	8.31%	0.955%
53	15.605	2257	2261	2266	rVV6	5267	7932	1.57%	0.180%
54	15.696	2267	2276	2278	rVV5	17497	41020	8.12%	0.933%
55	15.733	2278	2282	2290	rVV2	39826	72858	14.42%	1.657%
56	15.824	2292	2297	2302	rVV5	8448	18362	3.63%	0.418%
57	15.885	2302	2307	2322	rVB4	16641	57888	11.46%	1.317%
58	16.038	2322	2332	2342	rBV2	30353	70134	13.88%	1.595%
59	16.233	2355	2364	2370	rBV5	28013	63539	12.57%	1.445%
60	16.300	2370	2375	2388	rVB3	12057	34473	6.82%	0.784%
61	16.501	2400	2408	2414	rBV9	8715	26018	5.15%	0.592%
62	16.556	2414	2417	2423	rVV5	6102	10586	2.09%	0.241%
63	16.635	2424	2430	2438	rVB6	7602	18711	3.70%	0.426%

Sum of corrected areas: 4396402

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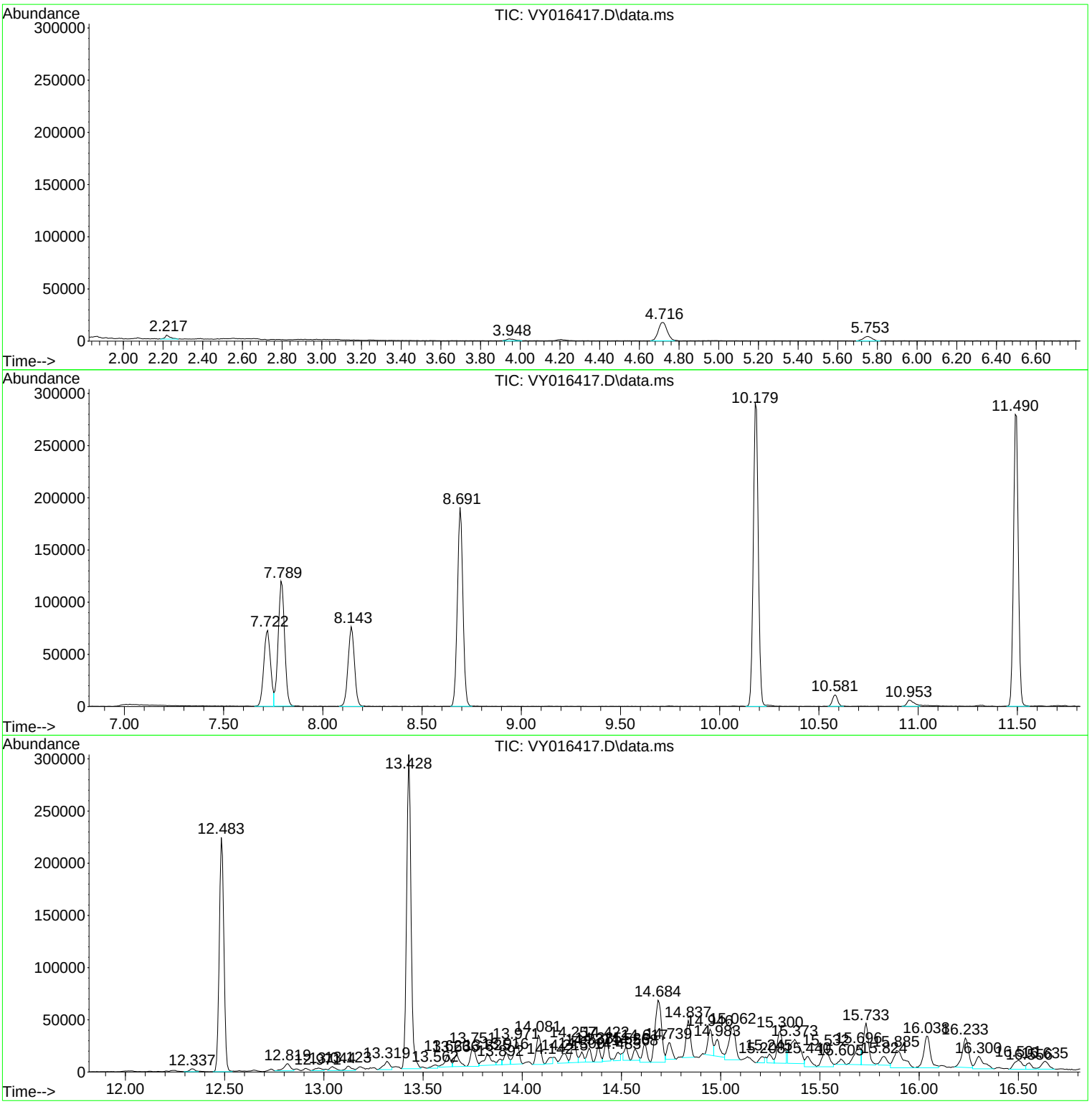
ClientSampleId :
TR-05-11162023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111723\
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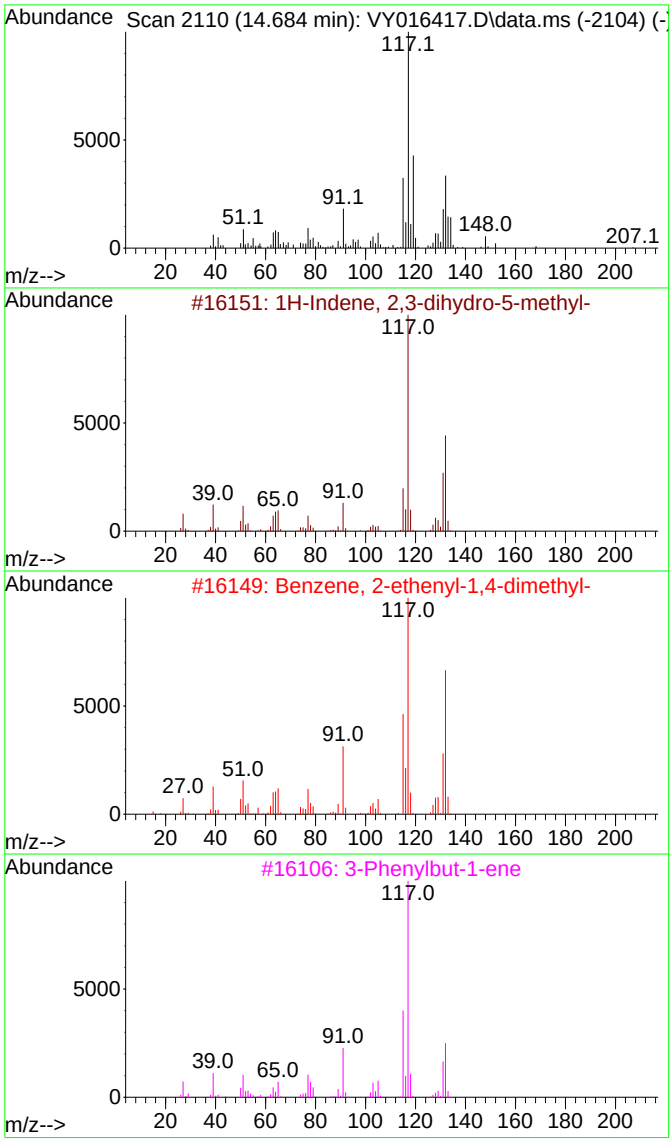
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260

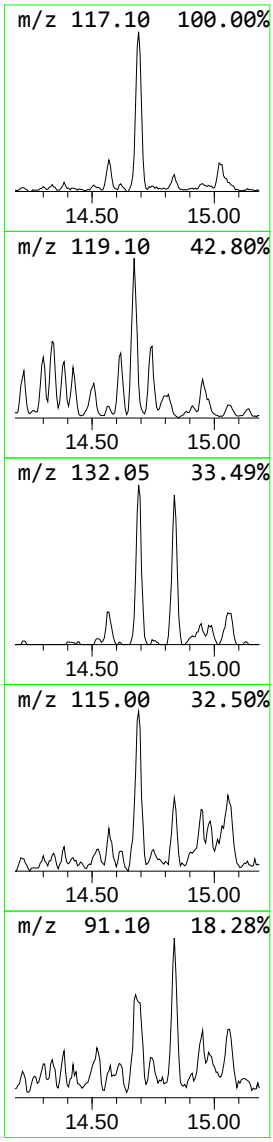
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	14.37 ug/l	133817	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	92
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	89
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
4	Cyclopropane, 1-methyl-1-phenyl-	132	C10H12	002214-14-4	70
5	Indan, 1-methyl-	132	C10H12	000767-58-8	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111723\
Data File : VY016417.D
Acq On : 17 Nov 2023 18:03
Operator : SY/MD
Sample : 05464-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-11162023

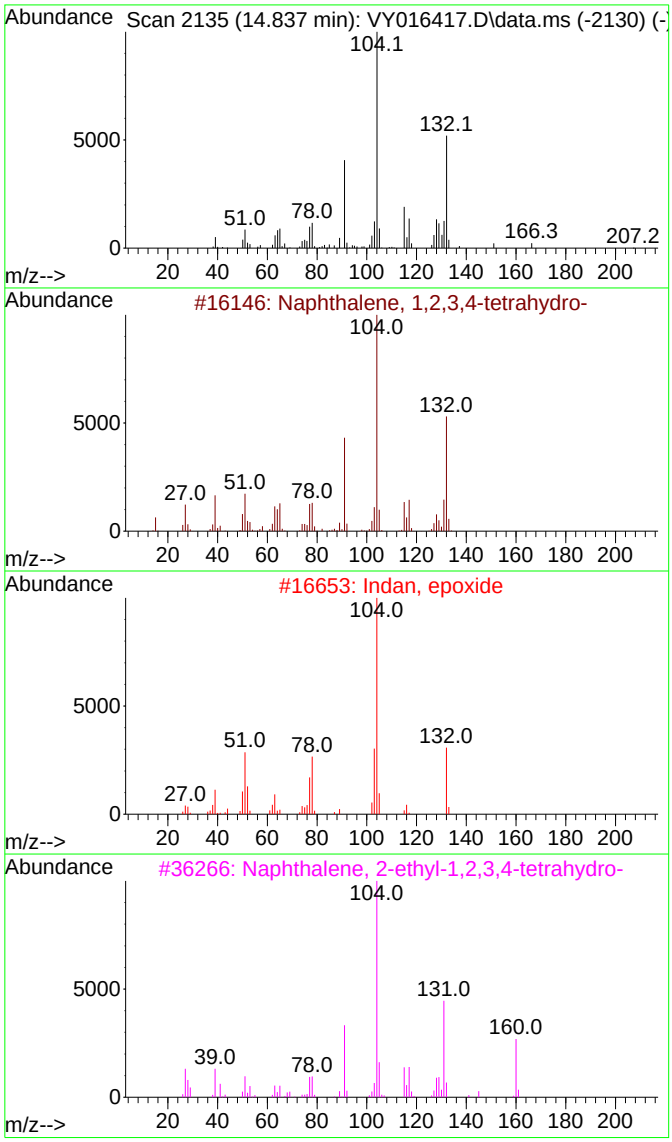
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260

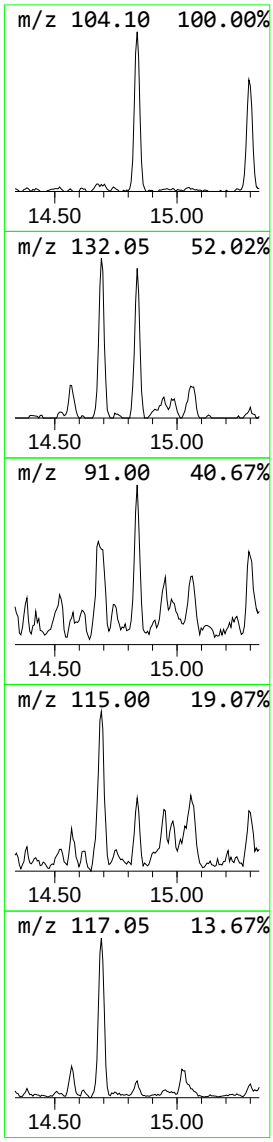
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.837	5.92 ug/l	55150	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2	Indan, epoxide	132	C9H8O	000768-22-9	53
3	Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	53
4	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	50
5	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111723\
Data File : VY016417.D
Acq On : 17 Nov 2023 18:03
Operator : SY/MD
Sample : 05464-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-11162023

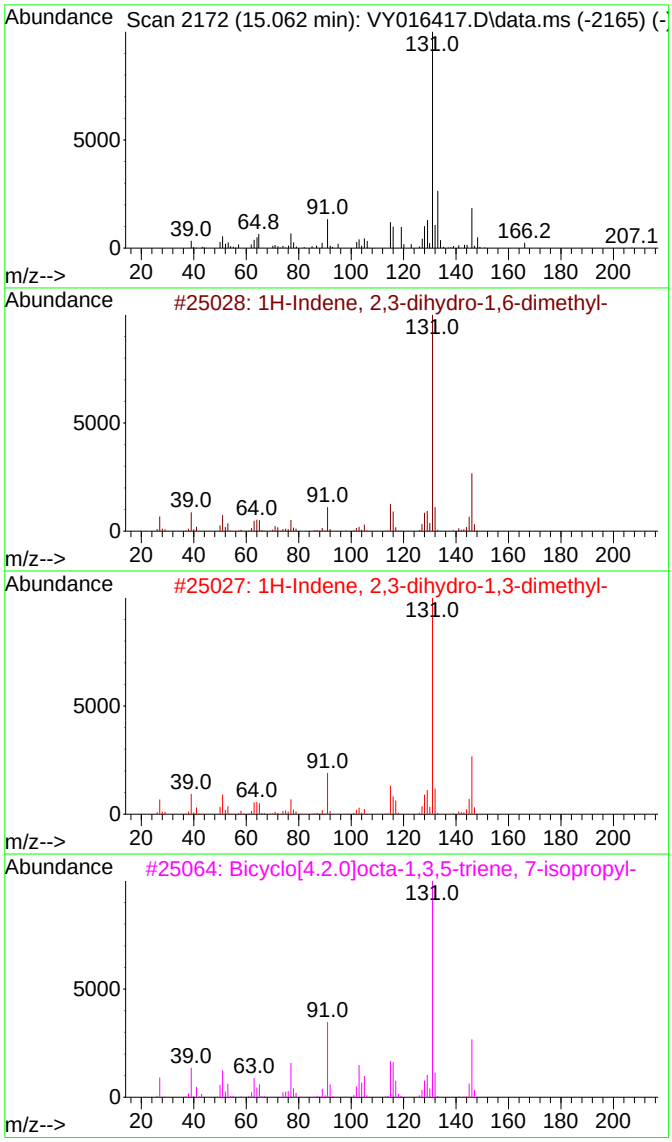
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260

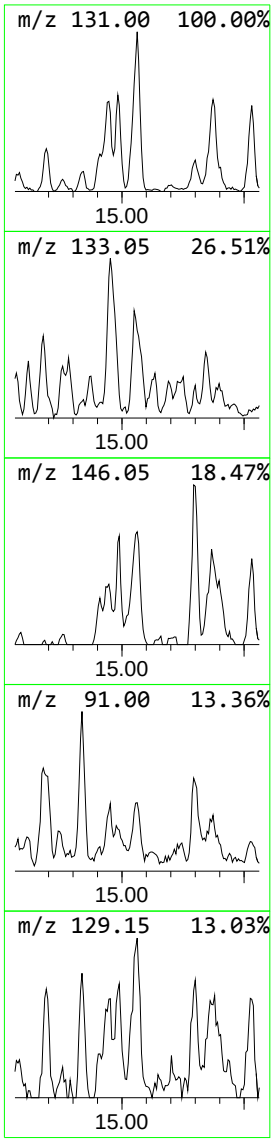
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.062	7.83 ug/l	72954	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	76
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	76
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	76
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	76
5	Cyclopropane, 1-chloro-1-methyl-...	166	C10H11Cl	1000161-07-9	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111723\
Data File : VY016417.D
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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
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TIC Library : C:\Database\NIST20.L
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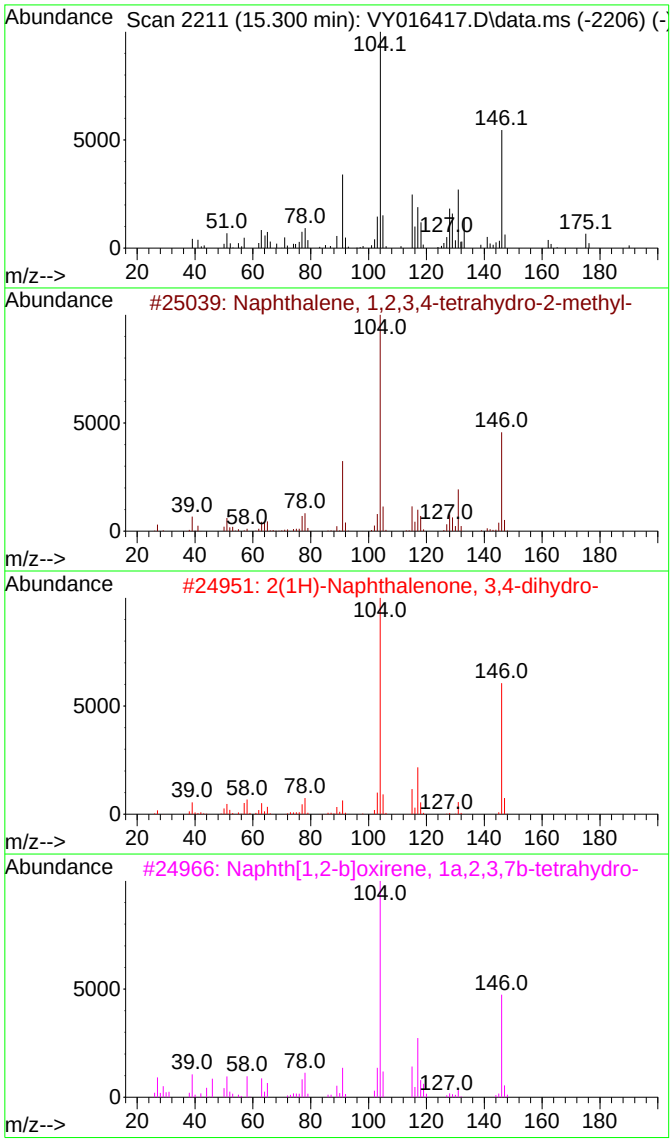
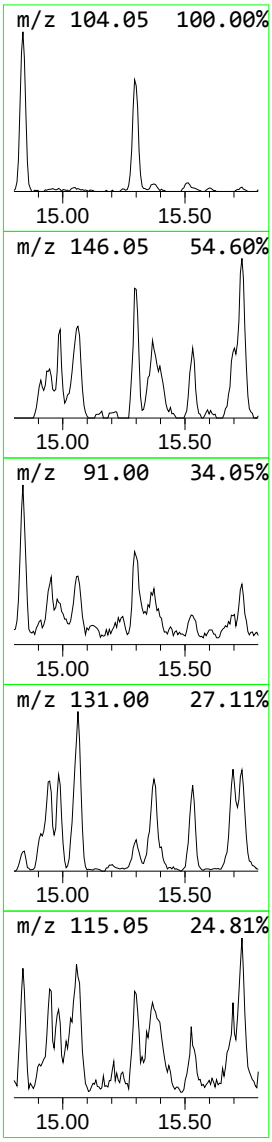
****
Peak Number 4 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.300	7.14 ug/l	66460	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	83
2	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	58
3	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	52
4	Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	47
5	1-Naphthalenol, 5,8-dihydro-	146	C10H10O	027673-48-9	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111723\
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MSVOA_Y
ClientSampleId :
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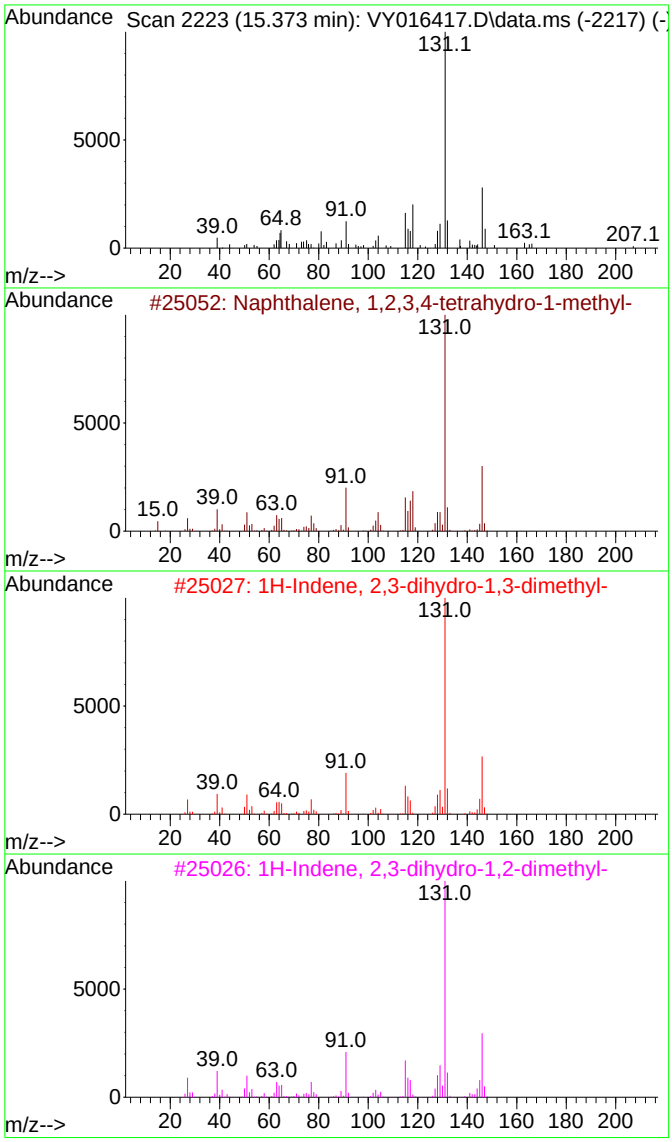
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260

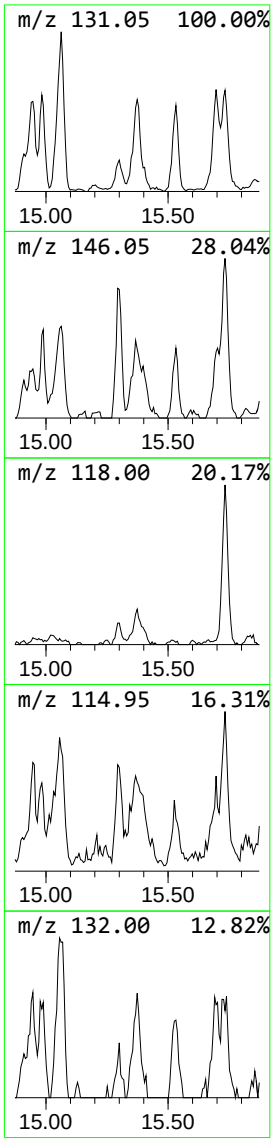
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.373	8.69 ug/l	80937	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	86
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	81
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	81
5	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	76





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MSVOA_Y
ClientSampleId :
TR-05-11162023

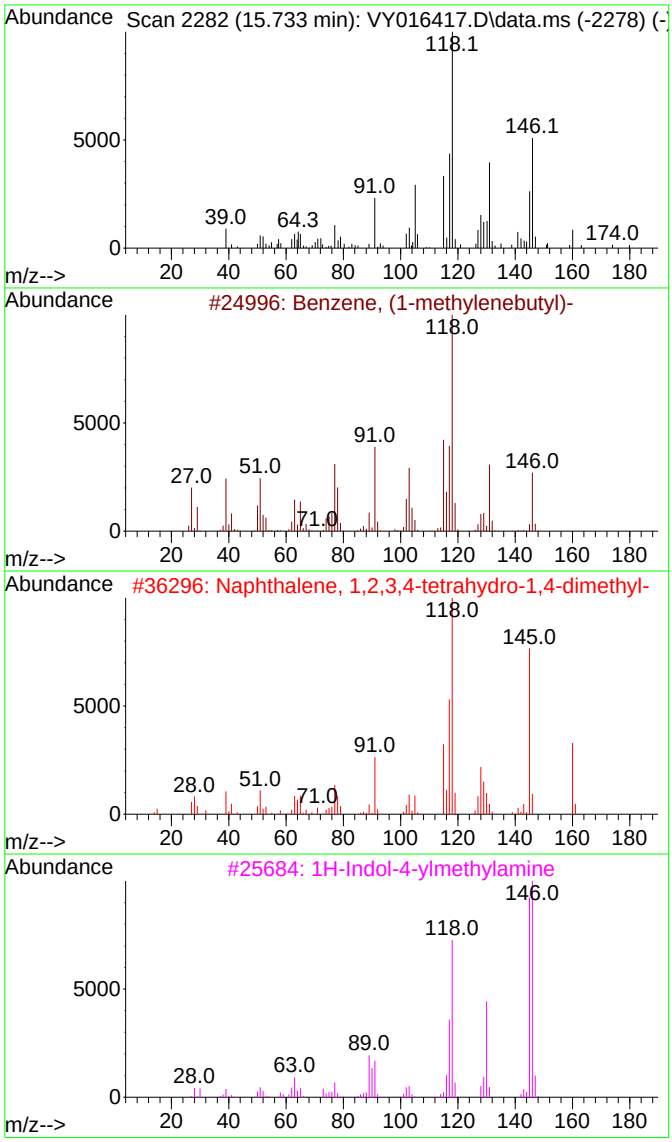
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260

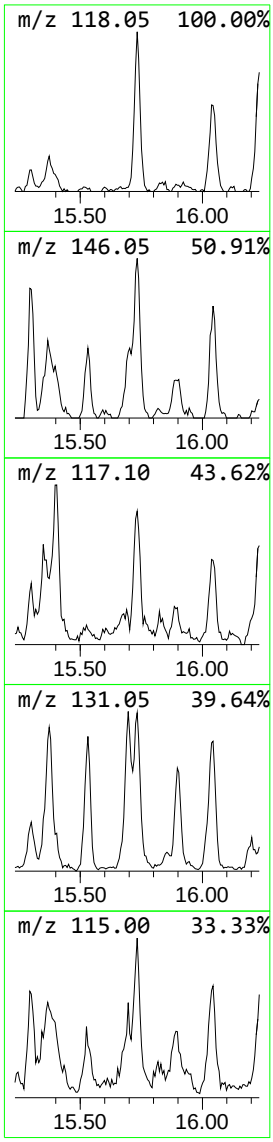
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, (1-methylenebutyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.733	7.82 ug/l	72858	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	59
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	52
3	1H-Indol-4-ylmethylamine	146	C9H10N2	003468-18-6	47
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	43
5	trans-Tetraline-2,3-diol	164	C10H12O2	041597-55-1	38





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MSVOA_Y
ClientSampleId :
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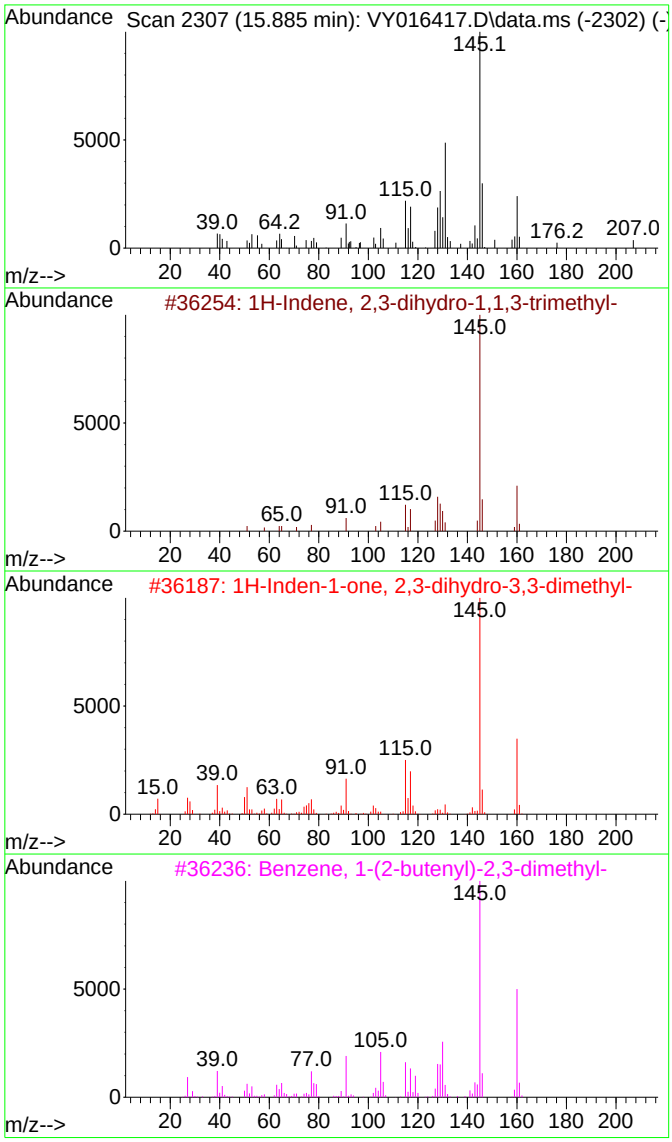
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260

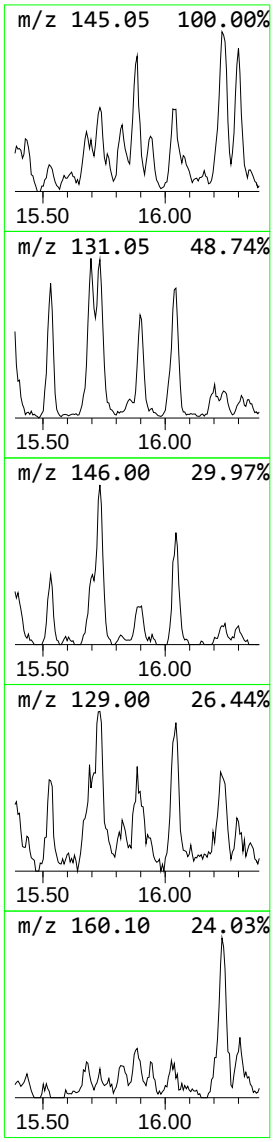
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.885	6.22 ug/l	57888	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	70
2	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	55
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	52
4	2-Methyl-4-phenyl-3-butyn-2-ol	160	C11H12O	001719-19-3	52
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	52





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Data File : VY016417.D
Acq On : 17 Nov 2023 18:03
Operator : SY/MD
Sample : 05464-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-11162023

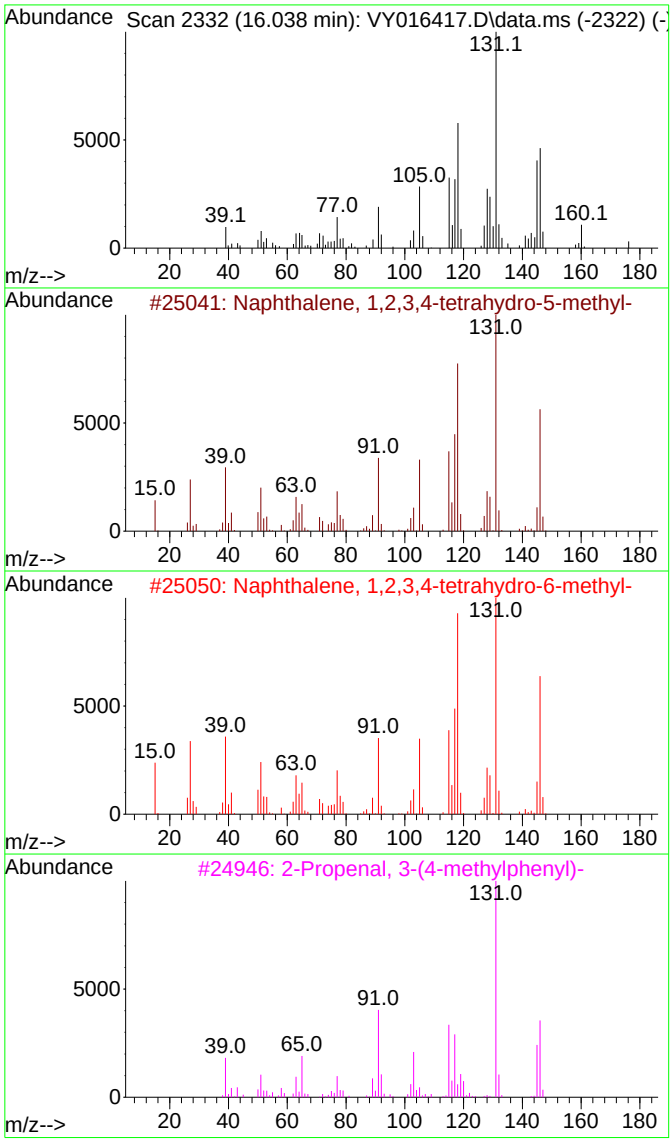
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260

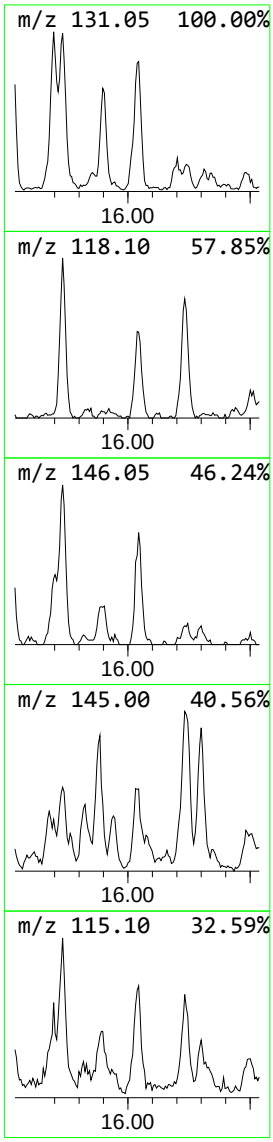
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.038	7.53 ug/l	70134	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	89
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	70
3	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	60
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	53
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111723\
Data File : VY016417.D
Acq On : 17 Nov 2023 18:03
Operator : SY/MD
Sample : 05464-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-11162023

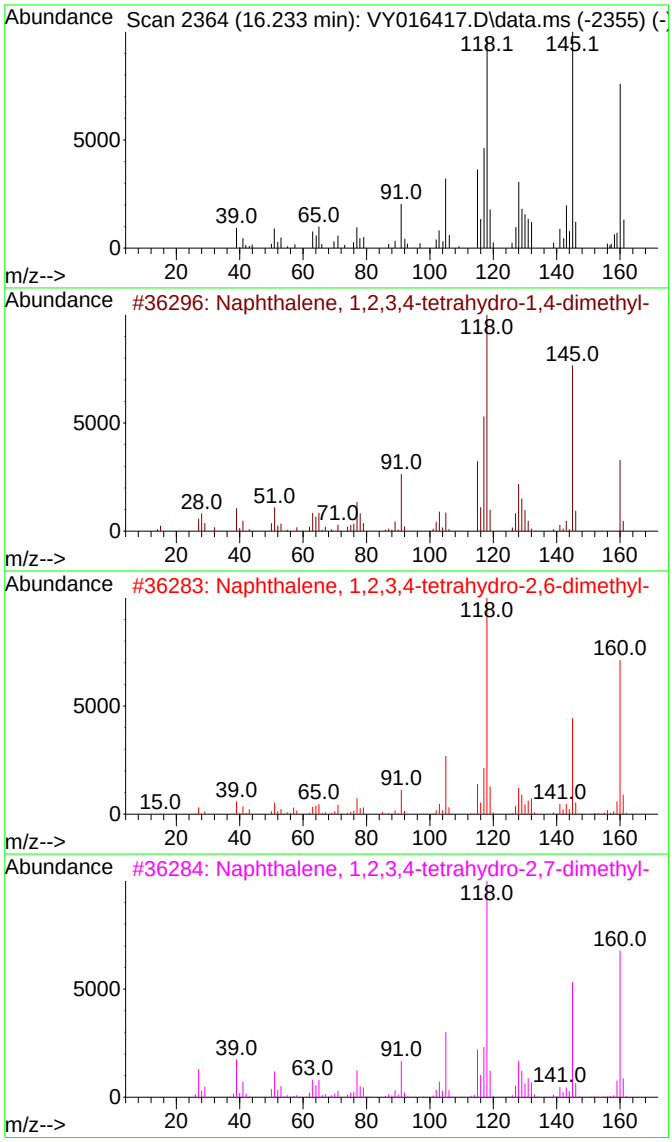
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260

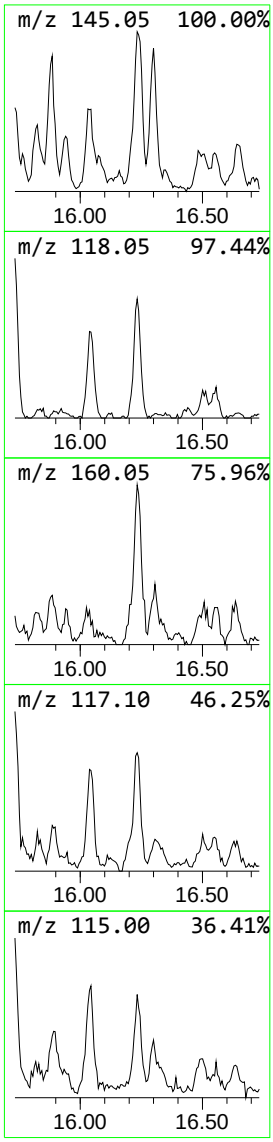
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.233	6.82 ug/l	63539	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	70
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	62
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	60
5	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111723\
Data File : VY016417.D
Acq On : 17 Nov 2023 18:03
Operator : SY/MD
Sample : 05464-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-11162023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1H-Indene, 2,3-...	14.684	14.4	ug/l	133817	4	13.428	465592	50.0
Naphthalene, 1,...	14.837	5.9	ug/l	55150	4	13.428	465592	50.0
1H-Indene, 2,3-...	15.062	7.8	ug/l	72954	4	13.428	465592	50.0
Naphthalene, 1,...	15.300	7.1	ug/l	66460	4	13.428	465592	50.0
Naphthalene, 1,...	15.373	8.7	ug/l	80937	4	13.428	465592	50.0
Benzene, (1-met...	15.733	7.8	ug/l	72858	4	13.428	465592	50.0
1H-Indene, 2,3-...	15.885	6.2	ug/l	57888	4	13.428	465592	50.0
Naphthalene, 1,...	16.038	7.5	ug/l	70134	4	13.428	465592	50.0
Naphthalene, 1,...	16.233	6.8	ug/l	63539	4	13.428	465592	50.0