LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
Data File : VY015254.D
Acq On : 22 Aug 2023 19:00
Operator : SY/MD
Sample : 04089-01
Misc : 4.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BU-3-081823

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\82Y081423S.M
Title : SW846 8260

Signal : TIC: VY015254.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	59	65	73	rBV4	7873	15578	2.43%	0.268%
2	3.942	340	348	359	rBV2	3058	8675	1.36%	0.149%
3	4.710	462	474	486	rBV2	25233	80099	12.51%	1.377%
4	6.990	839	848	857	rBV3	3739	11312	1.77%	0.195%
5	7.716	957	967	972	rBV	94931	217300	33.94%	3.737%
6	7.789	972	979	990	rVB	162349	369223	57.68%	6.349%
7	8.136	1028	1036	1047	rBV	101805	226375	35.36%	3.893%
8	8.685	1115	1126	1140	rBV	240178	472467	73.80%	8.124%
9	10.179	1364	1371	1379	rBV	374631	640169	100.00%	11.008%
10	11.489	1578	1586	1597	rBV	347374	557947	87.16%	9.594%
11	12.026	1669	1674	1681	rVB3	5342	8641	1.35%	0.149%
12	12.477	1740	1748	1758	rVB	271399	432550	67.57%	7.438%
13	12.733	1784	1790	1792	rBV2	7746	11581	1.81%	0.199%
14	12.770	1792	1796	1798	rVV	7214	11518	1.80%	0.198%
15	12.806	1798	1802	1808	rVB3	13881	23251	3.63%	0.400%
16	12.971	1823	1829	1835	rBV	12051	19115	2.99%	0.329%
17	13.117	1849	1853	1858	rVB2	6191	8776	1.37%	0.151%
18	13.251	1868	1875	1877	rBV3	3928	6483	1.01%	0.111%
19	13.312	1877	1885	1890	rVV4	8993	17637	2.76%	0.303%
20	13.422	1897	1903	1913	rVV	371462	612187	95.63%	10.527%
21	13.526	1915	1920	1926	rVV	12616	20632	3.22%	0.355%
22	13.593	1927	1931	1932	rVV2	7187	9459	1.48%	0.163%
23	13.623	1932	1936	1939	rVV2	27536	43106	6.73%	0.741%
24	13.660	1939	1942	1952	rVB4	24572	51291	8.01%	0.882%
25	13.751	1952	1957	1962	rBV4	18742	30066	4.70%	0.517%
26	13.824	1964	1969	1975	rVB	13838	21702	3.39%	0.373%
27	13.885	1975	1979	1981	rBV2	8483	12669	1.98%	0.218%
28	13.910	1981	1983	1988	rVV	13674	18689	2.92%	0.321%
29	13.971	1988	1993	1997	rVB3	27394	43037	6.72%	0.740%
30	14.026	1997	2002	2005	rBV6	5048	7427	1.16%	0.128%
31	14.080	2005	2011	2016	rVB	34904	56326	8.80%	0.969%
32	14.208	2027	2032	2036	rBV2	13095	21065	3.29%	0.362%
33	14.257	2036	2040	2043	rVV5	9074	14939	2.33%	0.257%
34	14.294	2043	2046	2049	rVV	13447	20476	3.20%	0.352%
35	14.330	2049	2052	2056	rVB	26948	35145	5.49%	0.604%
36	14.379	2056	2060	2063	rBV2	15973	20404	3.19%	0.351%

LSC Area Percent Report

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Misc : 4.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BU-3-081823

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\82Y081423S.M
Title : SW846 8260

37	14.416	2063	2066	2072	rVV2	13177	17613	2.75%	0.303%
38	14.519	2078	2083	2086	rVB3	15164	23998	3.75%	0.413%
39	14.562	2086	2090	2095	rBV3	24046	46073	7.20%	0.792%
40	14.611	2095	2098	2103	rVB3	25569	36595	5.72%	0.629%
41	14.684	2103	2110	2115	rBV4	92012	205352	32.08%	3.531%
42	14.739	2115	2119	2124	rVB2	15549	26123	4.08%	0.449%
43	14.830	2129	2134	2140	rBV	57950	86066	13.44%	1.480%
44	14.903	2142	2146	2148	rBV4	8334	12912	2.02%	0.222%
45	14.940	2148	2152	2155	rVV4	31121	51779	8.09%	0.890%
46	14.977	2155	2158	2163	rVV2	22208	34096	5.33%	0.586%
47	15.056	2164	2171	2177	rVB3	42013	91860	14.35%	1.580%
48	15.129	2180	2183	2189	rVB8	5859	11536	1.80%	0.198%
49	15.208	2189	2196	2199	rBV6	9129	21006	3.28%	0.361%
50	15.288	2205	2209	2214	rBV	32344	52931	8.27%	0.910%
51	15.355	2214	2220	2230	rVV7	32146	127399	19.90%	2.191%
52	15.428	2230	2232	2241	rVB7	17533	30288	4.73%	0.521%
53	15.525	2241	2248	2255	rBV4	27314	58006	9.06%	0.997%
54	15.598	2255	2260	2264	rVB4	5881	10028	1.57%	0.172%
55	15.690	2265	2275	2276	rBV4	28600	57497	8.98%	0.989%
56	15.727	2277	2281	2290	rVB	77946	135441	21.16%	2.329%
57	15.812	2290	2295	2300	rBV5	12237	21445	3.35%	0.369%
58	15.891	2301	2308	2321	rVB4	26917	86214	13.47%	1.482%
59	16.037	2323	2332	2338	rBV	63532	132649	20.72%	2.281%
60	16.226	2354	2363	2369	rBV4	50498	112596	17.59%	1.936%
61	16.293	2369	2374	2379	rBV2	17150	33534	5.24%	0.577%
62	16.495	2399	2407	2412	rBV6	16908	51430	8.03%	0.884%
63	16.550	2412	2416	2421	rVV5	13217	24793	3.87%	0.426%
64	16.623	2421	2428	2437	rVB5	14750	38896	6.08%	0.669%

Sum of corrected areas: 5815473

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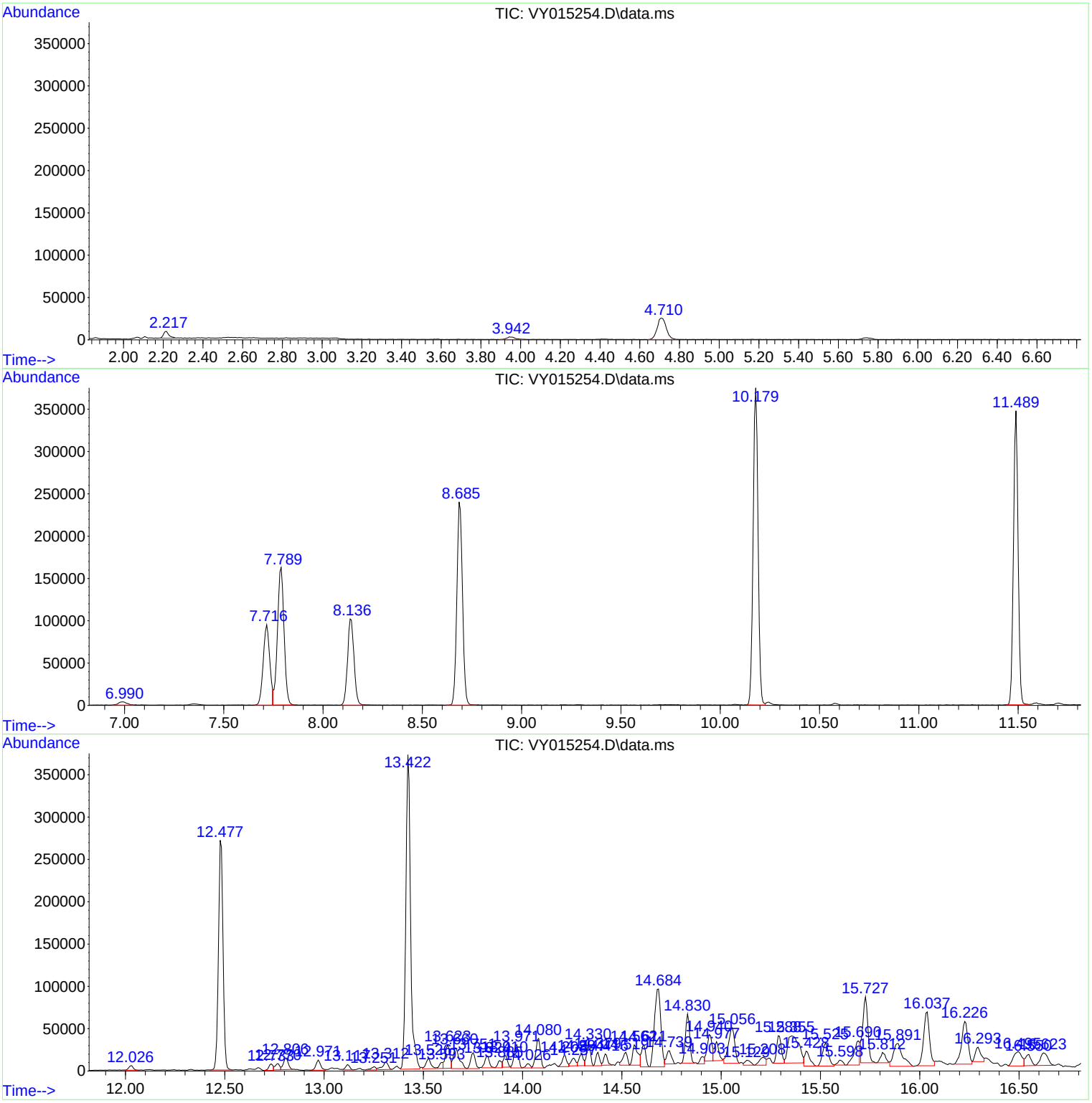
Instrument :
MSVOA_Y
ClientSampleId :
BU-3-081823

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
Data File : VY015254.D
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Instrument :
MSVOA_Y
ClientSampleId :
BU-3-081823

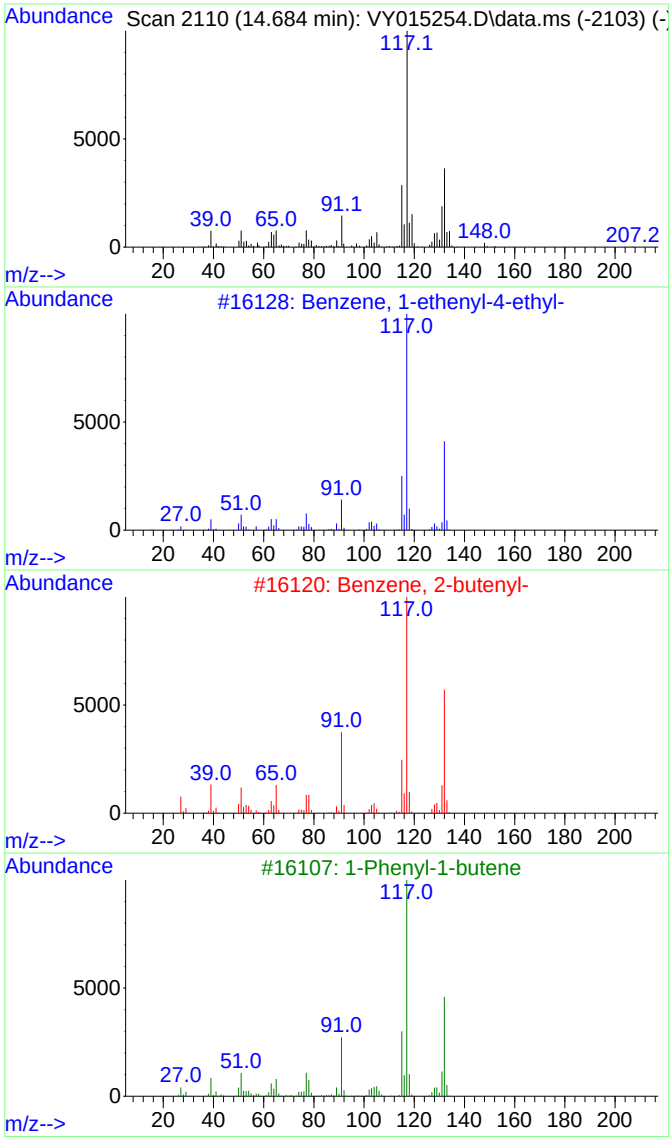
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

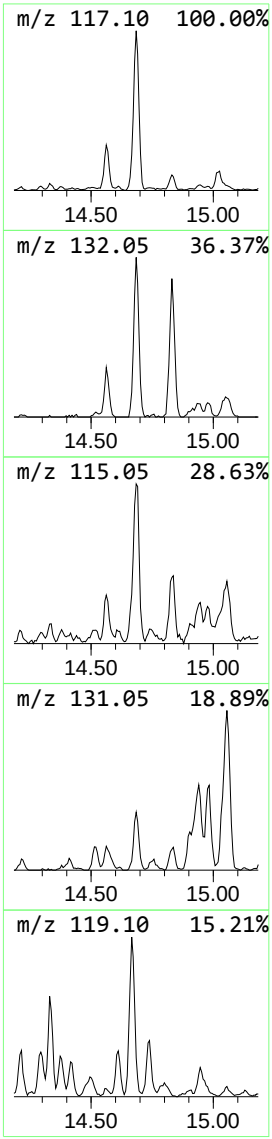
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	16.77 ug/l	205352	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
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Operator : SY/MD
Sample : 04089-01
Misc : 4.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BU-3-081823

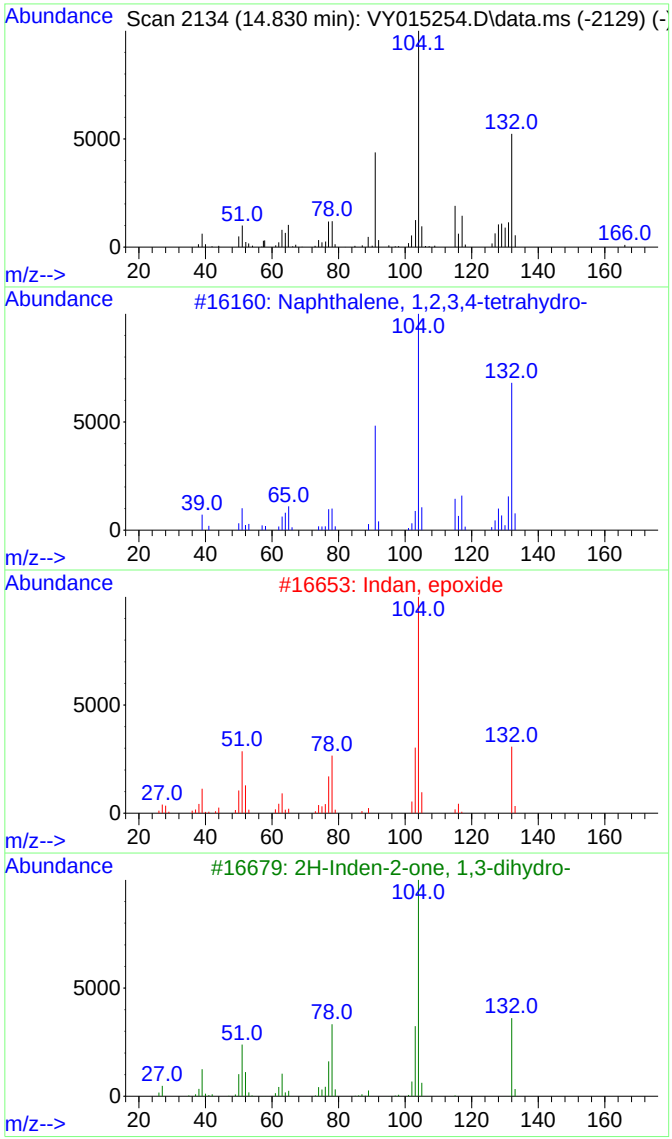
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

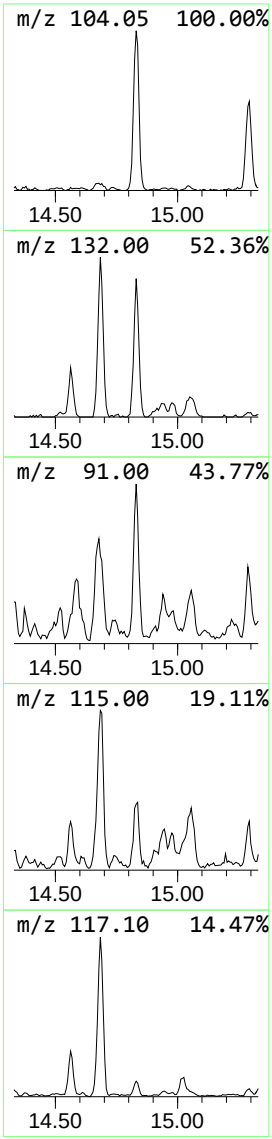
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.830	7.03 ug/l	86066	1,4-Dichlorobenzene-d4	13.422

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	49
3	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	49
4	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	43
5	5,5-Dimethyl-4-phenyldihydrofura...	190	C12H14O2	013133-96-5	38





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Operator : SY/MD
Sample : 04089-01
Misc : 4.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BU-3-081823

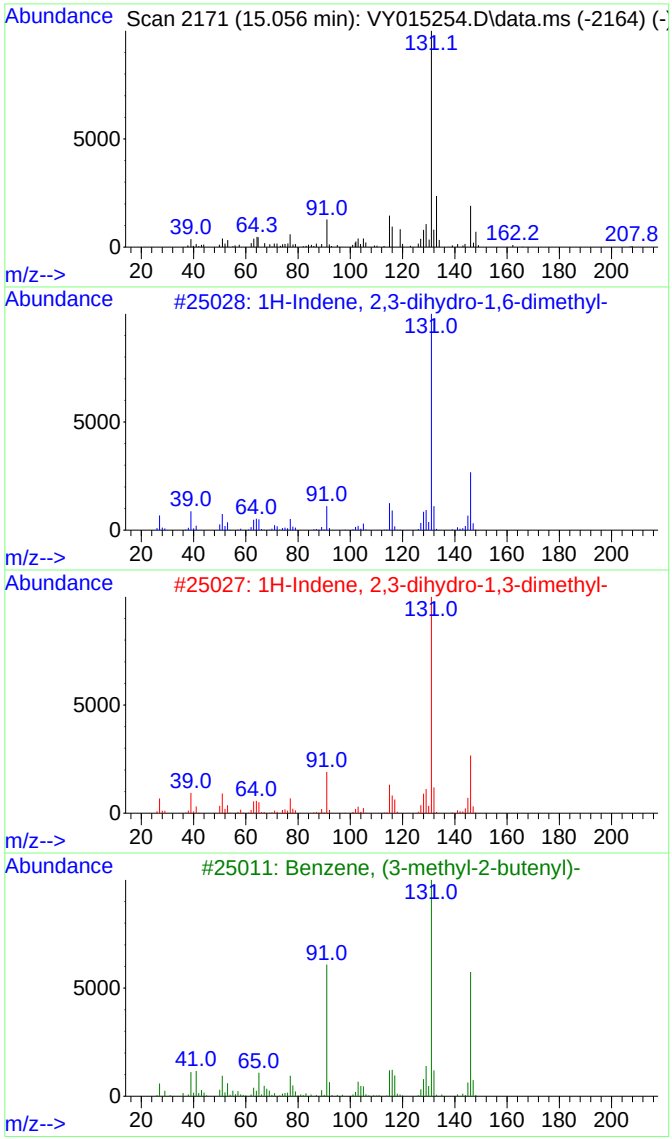
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

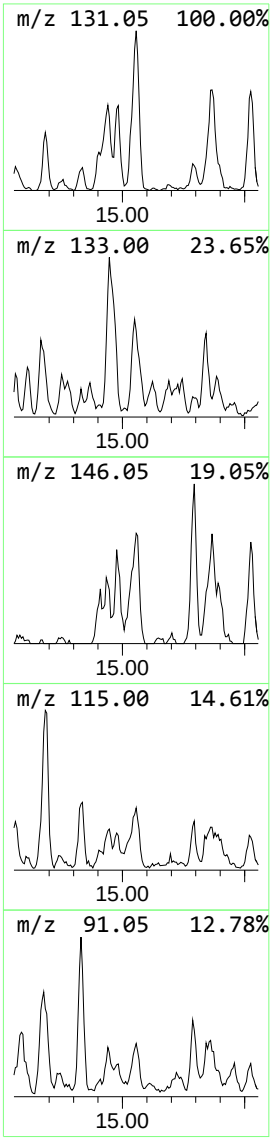
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.056	7.50 ug/l	91860	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	93
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	81
4	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	81
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	74





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Data File : VY015254.D
Acq On : 22 Aug 2023 19:00
Operator : SY/MD
Sample : 04089-01
Misc : 4.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BU-3-081823

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
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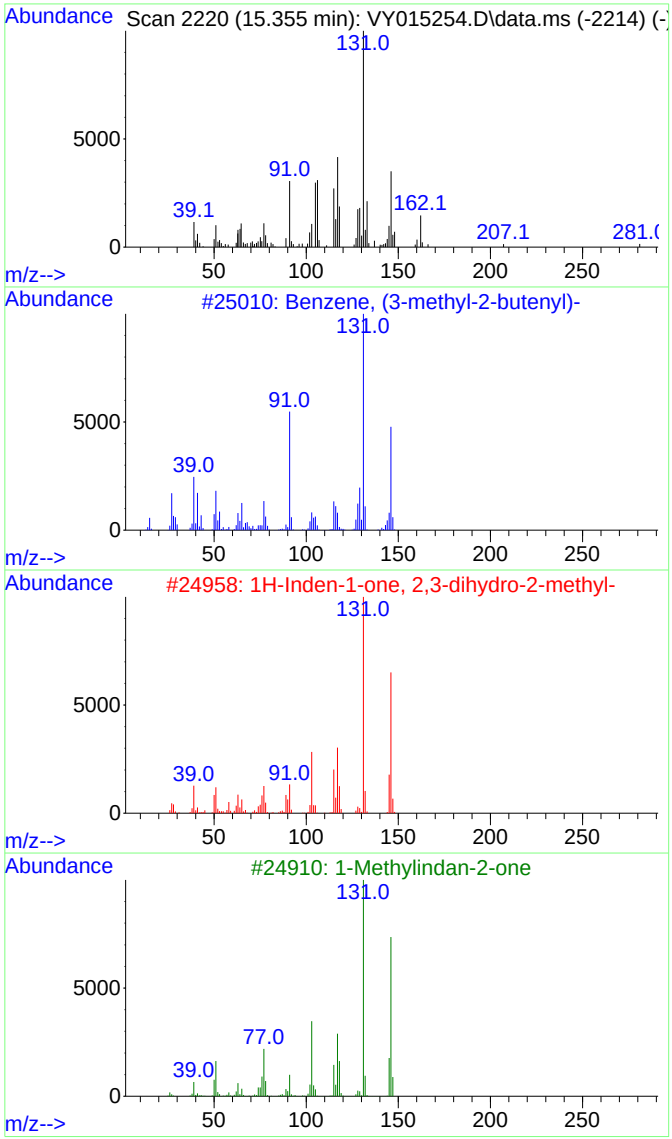
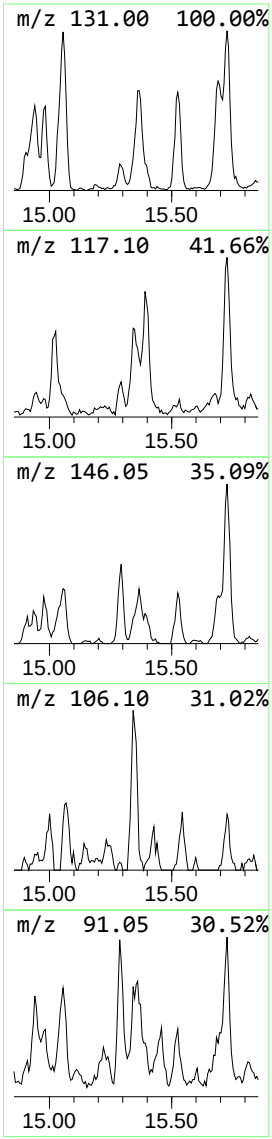
****
Peak Number 4 Benzene, (3-methyl-2-butenyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.355	10.41 ug/l	127399	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90
2	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	62
3	1-Methylindan-2-one	146	C10H10O	035587-60-1	62
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	60
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	60





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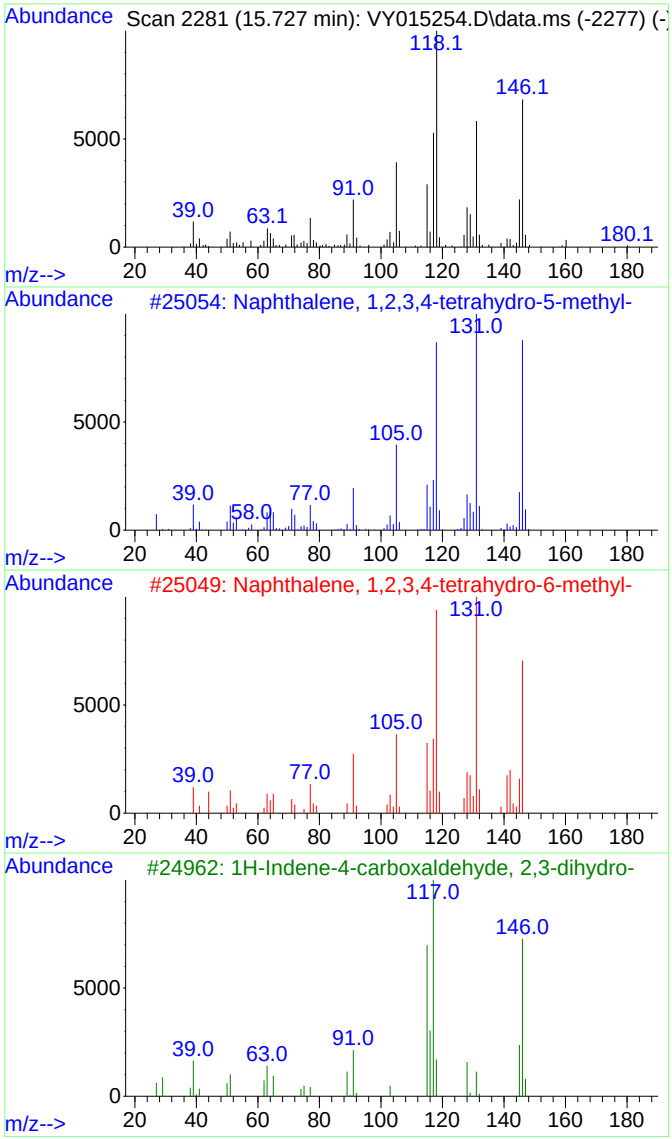
Quant Title : SW846 8260

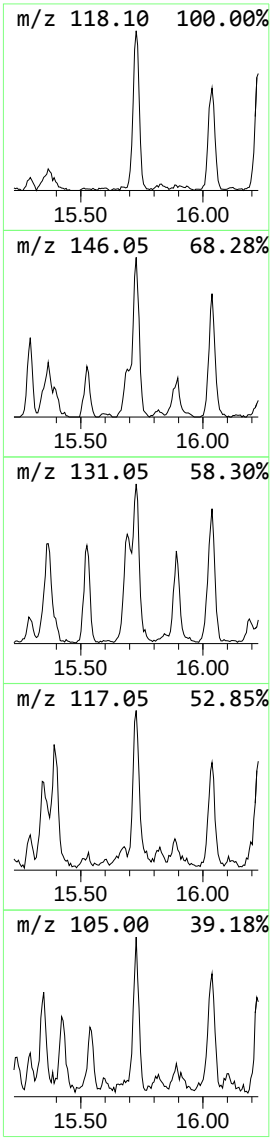
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.727	11.06 ug/l	135441	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	83
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	58
3	1H-Indene-4-carboxaldehyde, 2,3-...	146	C10H10O	051932-70-8	50
4	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	49
5	5H-Benzocycloheptene,6,7,8,9-tet...	146	C11H14	001075-16-7	47





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ClientSampleId :
BU-3-081823

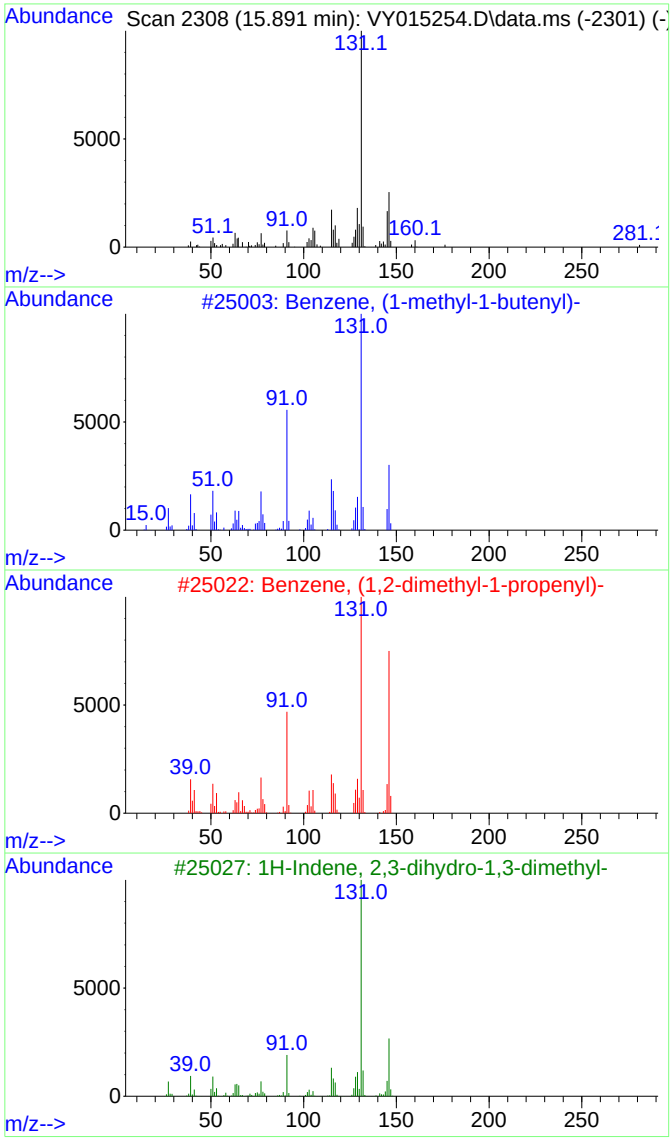
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

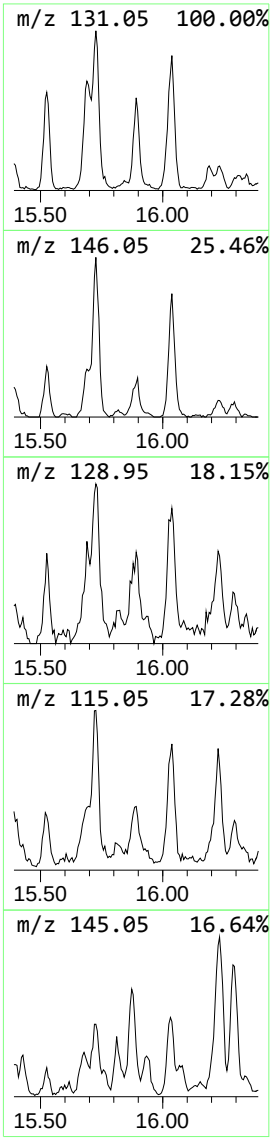
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, (1-methyl-1-butenyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.891	7.04 ug/l	86214	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	90
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	87
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	87
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87





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Misc : 4.02g/5.0mL/MSVOA_Y/SOIL
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Instrument :
MSVOA_Y
ClientSampleId :
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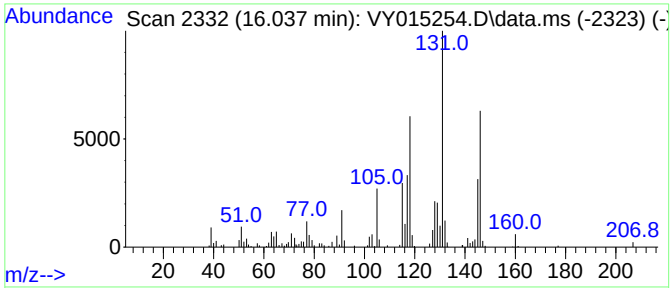
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

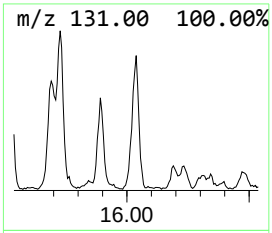
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

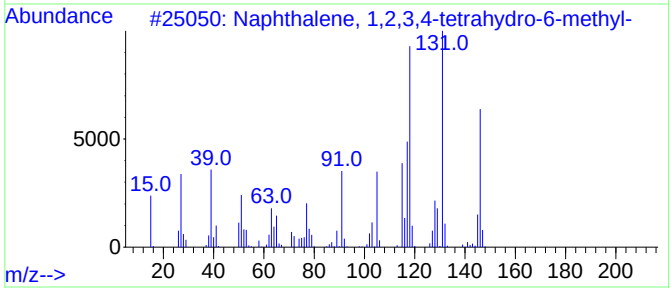
****
Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 3

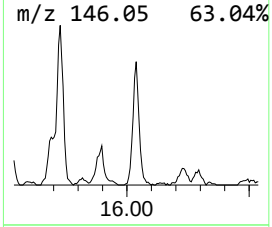
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.037	10.83 ug/l	132649	1,4-Dichlorobenzene-d4	13.422

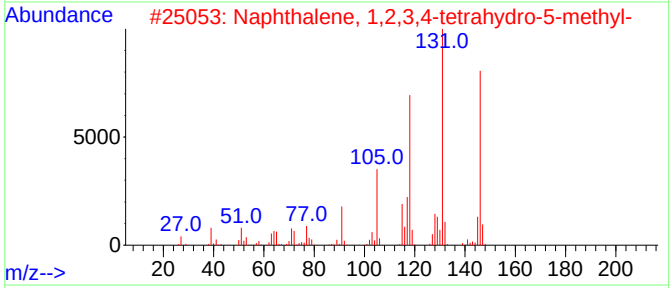
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	90
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	87
3	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	72
4	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	64
5	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	60

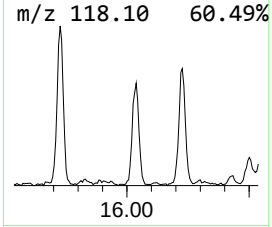


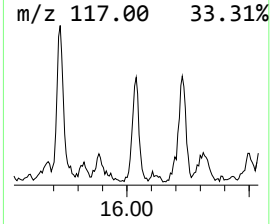


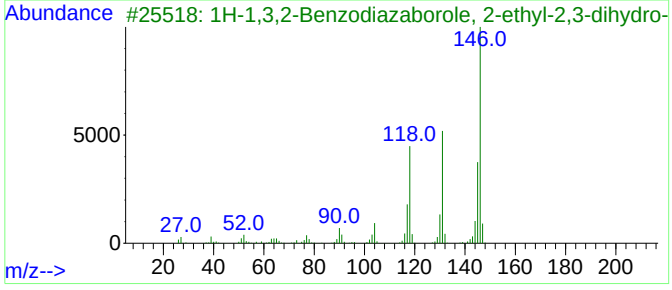


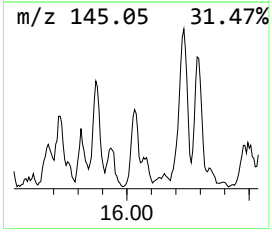












Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
Data File : VY015254.D
Acq On : 22 Aug 2023 19:00
Operator : SY/MD
Sample : 04089-01
Misc : 4.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BU-3-081823

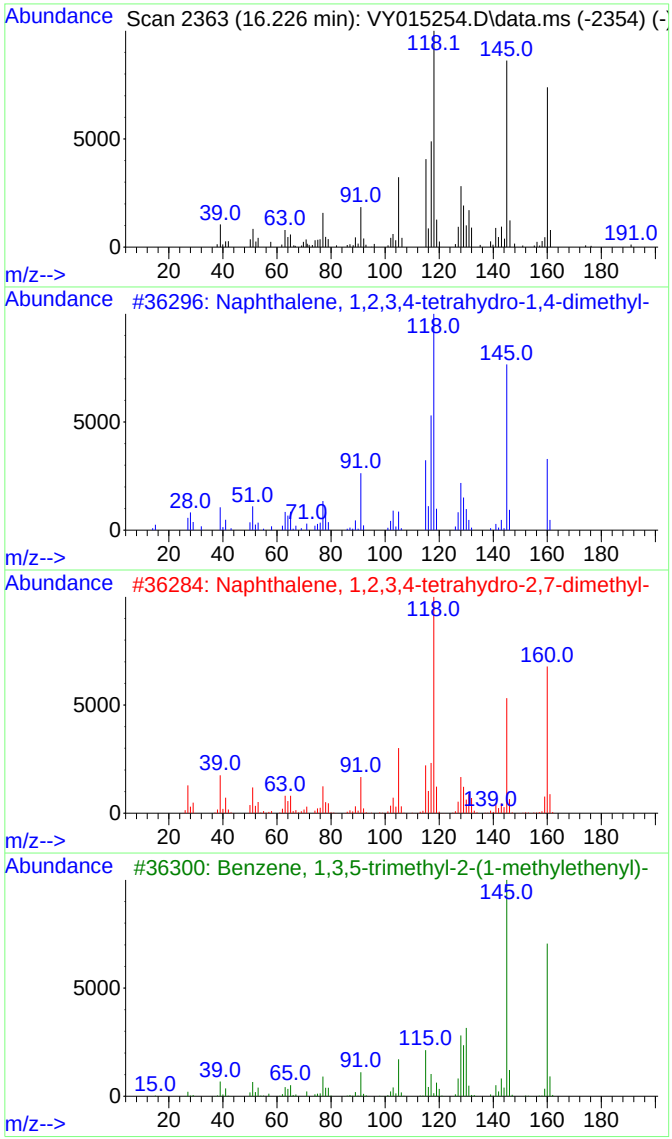
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

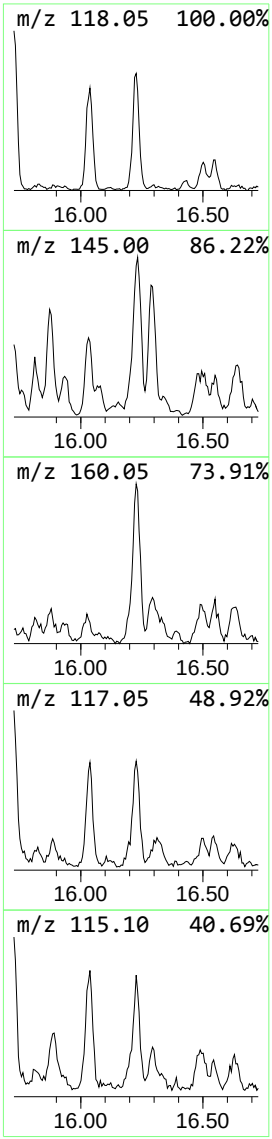
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.226	9.20 ug/l	112596	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	81
3	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	78
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	64
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
Data File : VY015254.D
Acq On : 22 Aug 2023 19:00
Operator : SY/MD
Sample : 04089-01
Misc : 4.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BU-3-081823

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.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
Benzene, 1-ethe...	14.684	16.8	ug/l	205352	4	13.422	612187	50.0
Naphthalene, 1,...	14.830	7.0	ug/l	86066	4	13.422	612187	50.0
1H-Indene, 2,3-...	15.056	7.5	ug/l	91860	4	13.422	612187	50.0
Benzene, (3-met...	15.355	10.4	ug/l	127399	4	13.422	612187	50.0
Naphthalene, 1,...	15.727	11.1	ug/l	135441	4	13.422	612187	50.0
Benzene, (1-met...	15.891	7.0	ug/l	86214	4	13.422	612187	50.0
Naphthalene, 1,...	16.037	10.8	ug/l	132649	4	13.422	612187	50.0
Naphthalene, 1,...	16.226	9.2	ug/l	112596	4	13.422	612187	50.0