LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030623\
Data File : VX034356.D
Acq On : 06 Mar 2023 17:45
Operator : JC/MD
Sample : 01816-06DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
2325DL

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_X\Method\82X021723W.M
Title : SW846 8260

Signal : TIC: VX034356.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.453	56	60	69	rBV	189528	223587	1.87%	0.430%
2	2.075	152	162	192	rBV	6280061	11964756	100.00%	23.007%
3	2.380	206	212	226	rVB	118324	198351	1.66%	0.381%
4	3.117	323	333	344	rBV	60443	142328	1.19%	0.274%
5	5.385	693	705	721	rBV	159830	467043	3.90%	0.898%
6	5.550	721	732	746	rVV	270856	764999	6.39%	1.471%
7	5.958	787	799	807	rBV	178966	479314	4.01%	0.922%
8	6.043	807	813	821	rVB	52511	131817	1.10%	0.253%
9	6.763	921	931	947	rBV	435964	1032582	8.63%	1.986%
10	8.647	1234	1240	1246	rBV	923798	1429479	11.95%	2.749%
11	8.720	1246	1252	1258	rVV	485762	753195	6.30%	1.448%
12	10.055	1466	1471	1479	rVB	884180	1191178	9.96%	2.291%
13	10.195	1488	1494	1503	rBV	439611	583469	4.88%	1.122%
14	10.299	1503	1511	1517	rVV	1547150	2070049	17.30%	3.981%
15	10.640	1562	1567	1577	rVB	1081651	1408964	11.78%	2.709%
16	10.963	1613	1620	1624	rBV	102385	140191	1.17%	0.270%
17	11.079	1634	1639	1650	rVB	747896	1011872	8.46%	1.946%
18	11.305	1669	1676	1680	rBV	261519	325383	2.72%	0.626%
19	11.378	1683	1688	1695	rVV	1032311	1743457	14.57%	3.353%
20	11.451	1695	1700	1703	rVV	484161	653405	5.46%	1.256%
21	11.475	1703	1704	1710	rVB	172246	151765	1.27%	0.292%
22	11.610	1721	1726	1734	rBV	606165	780734	6.53%	1.501%
23	11.750	1745	1749	1759	rVB	2054205	2517123	21.04%	4.840%
24	11.890	1765	1772	1776	rVB2	96497	143214	1.20%	0.275%
25	11.969	1782	1785	1788	rVB	121696	132875	1.11%	0.256%
26	12.024	1788	1794	1799	rVB	904899	1188983	9.94%	2.286%
27	12.085	1799	1804	1810	rVB	887279	1109138	9.27%	2.133%
28	12.244	1823	1830	1833	rBV	954017	1374173	11.49%	2.642%
29	12.317	1838	1842	1849	rVB3	476192	747751	6.25%	1.438%
30	12.420	1849	1859	1863	rBV2	309054	456528	3.82%	0.878%
31	12.463	1863	1866	1872	rVB	223121	285295	2.38%	0.549%
32	12.530	1872	1877	1879	rBV	293596	374849	3.13%	0.721%
33	12.555	1879	1881	1885	rVV	285660	317819	2.66%	0.611%
34	12.609	1886	1890	1893	rVV	356818	458849	3.84%	0.882%
35	12.646	1893	1896	1899	rVB	146380	172690	1.44%	0.332%
36	12.701	1899	1905	1913	rBV2	362054	666472	5.57%	1.282%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030623\
Data File : VX034356.D
Acq On : 06 Mar 2023 17:45
Operator : JC/MD
Sample : 01816-06DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
2325DL

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_X\Method\82X021723W.M
Title : SW846 8260

37	12.847	1926	1929	1933	rVB2	146868	161584	1.35%	0.311%
38	12.920	1937	1941	1944	rVV	243897	313084	2.62%	0.602%
39	12.963	1944	1948	1954	rVB	423165	595093	4.97%	1.144%
40	13.042	1954	1961	1964	rBV4	126513	227414	1.90%	0.437%
41	13.164	1974	1981	1986	rBV2	565838	805997	6.74%	1.550%
42	13.268	1992	1998	1999	rBV3	377941	521860	4.36%	1.003%
43	13.292	1999	2002	2007	rVB2	1320233	1621984	13.56%	3.119%
44	13.420	2019	2023	2032	rVB	1163293	1535797	12.84%	2.953%
45	13.506	2032	2037	2040	rBV2	115290	173276	1.45%	0.333%
46	13.542	2040	2043	2046	rBV	163988	195011	1.63%	0.375%
47	13.585	2046	2050	2054	rBV3	184505	281095	2.35%	0.541%
48	13.664	2060	2063	2068	rVB2	171564	229997	1.92%	0.442%
49	13.774	2077	2081	2088	rVB	421757	573811	4.80%	1.103%
50	13.853	2088	2094	2099	rVB2	307076	512613	4.28%	0.986%
51	13.926	2099	2106	2110	rBV2	312834	475362	3.97%	0.914%
52	14.036	2121	2124	2127	rBV	333390	350128	2.93%	0.673%
53	14.073	2127	2130	2134	rBV	229187	263236	2.20%	0.506%
54	14.231	2149	2156	2163	rVB	742788	1201670	10.04%	2.311%
55	14.371	2175	2179	2183	rVV	211962	252477	2.11%	0.485%
56	14.481	2192	2197	2206	rBV2	490953	770350	6.44%	1.481%
57	14.615	2215	2219	2220	rBV2	305260	344326	2.88%	0.662%
58	14.633	2220	2222	2226	rVV	399042	528722	4.42%	1.017%
59	14.670	2226	2228	2233	rVB2	133156	158777	1.33%	0.305%
60	14.755	2239	2242	2244	rVV	402618	428840	3.58%	0.825%
61	14.780	2244	2246	2250	rVV	216413	275654	2.30%	0.530%
62	14.847	2254	2257	2260	rVV4	96991	128406	1.07%	0.247%
63	14.902	2263	2266	2277	rVB2	69539	129741	1.08%	0.249%
64	15.182	2307	2312	2314	rVV2	186168	252990	2.11%	0.486%
65	15.213	2314	2317	2320	rVB2	171187	219828	1.84%	0.423%
66	15.487	2356	2362	2368	rBV2	348024	561998	4.70%	1.081%
67	16.377	2502	2508	2515	rVB	193742	319823	2.67%	0.615%

Sum of corrected areas: 52004621

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030623\
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Acq On : 06 Mar 2023 17:45
Operator : JC/MD
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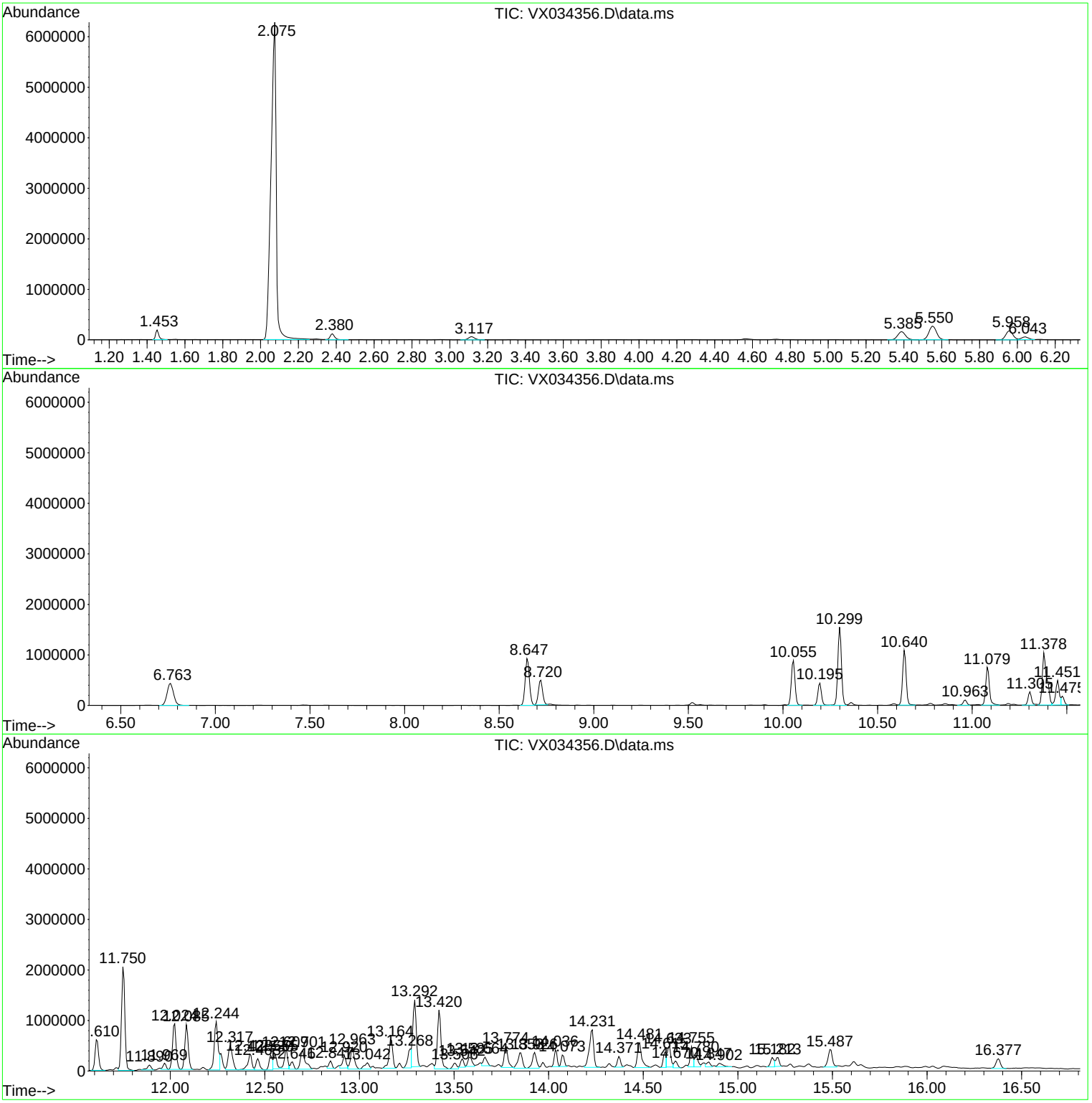
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
2325DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030623\
Data File : VX034356.D
Acq On : 06 Mar 2023 17:45
Operator : JC/MD
Sample : 01816-06DL 5X
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MSVOA_X
ClientSampleId :
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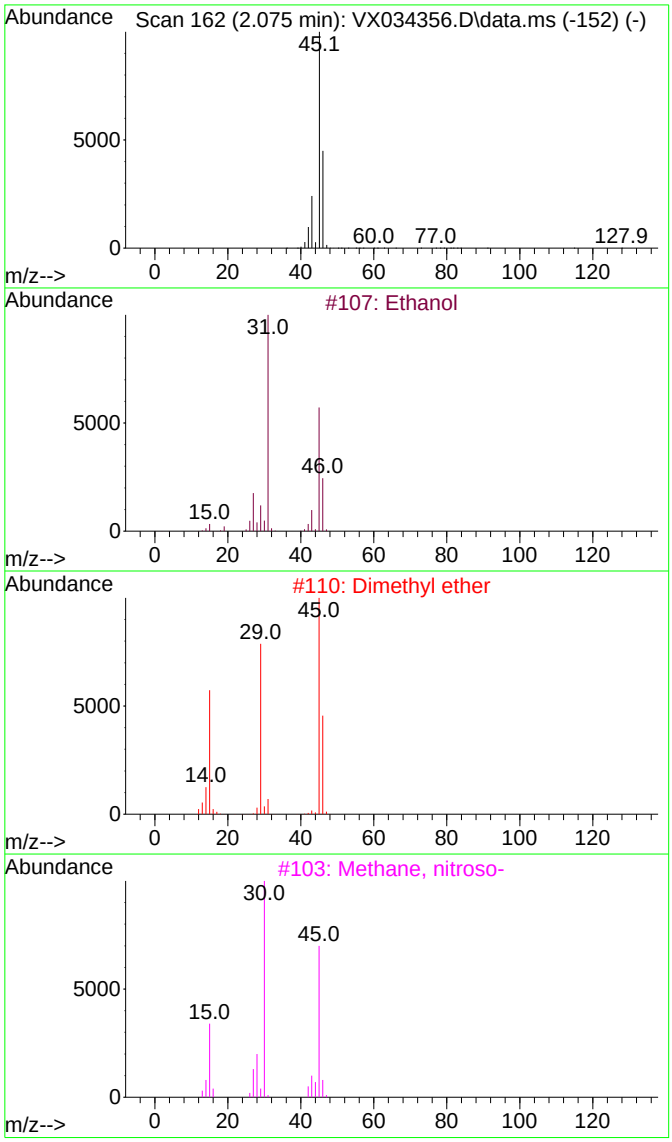
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
Quant Title : SW846 8260

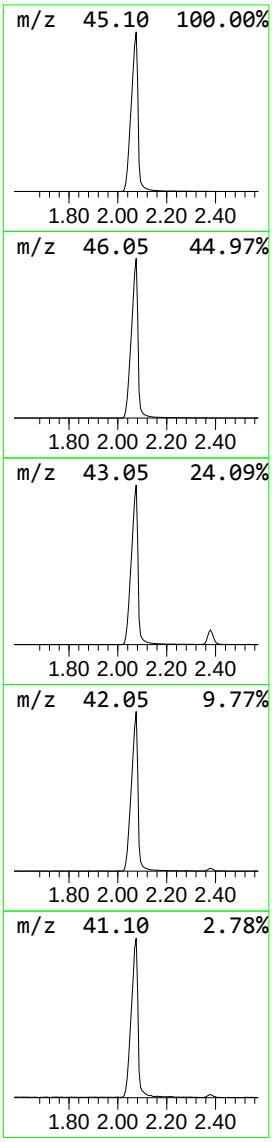
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.075	782.01 ug/l	11964800	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	83
2	Dimethyl ether	46	C2H6O	000115-10-6	9
3	Methane, nitroso-	45	CH3NO	000865-40-7	4
4	Formic acid	46	CH2O2	000064-18-6	4
5	Oxalic acid	90	C2H2O4	000144-62-7	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030623\
Data File : VX034356.D
Acq On : 06 Mar 2023 17:45
Operator : JC/MD
Sample : 01816-06DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
2325DL

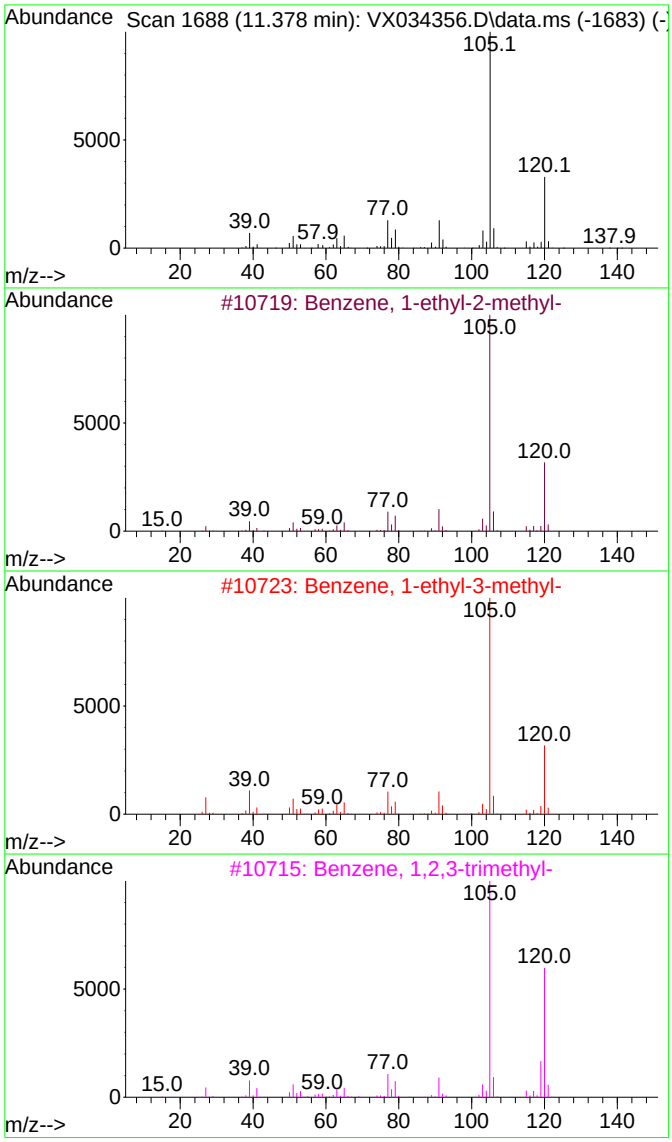
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
Quant Title : SW846 8260

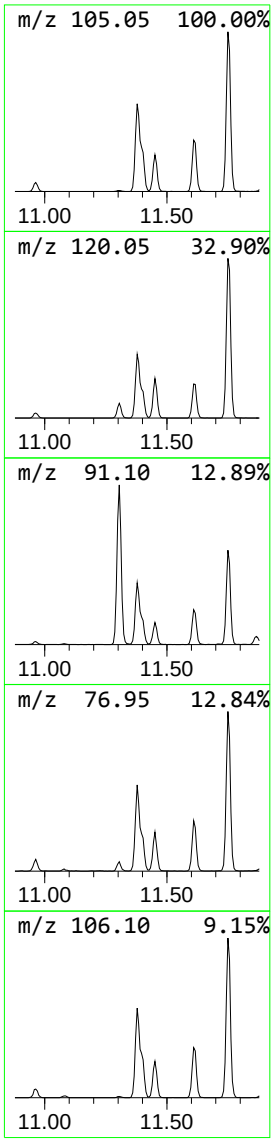
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.378	73.32 ug/l	1743460	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030623\
Data File : VX034356.D
Acq On : 06 Mar 2023 17:45
Operator : JC/MD
Sample : 01816-06DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
2325DL

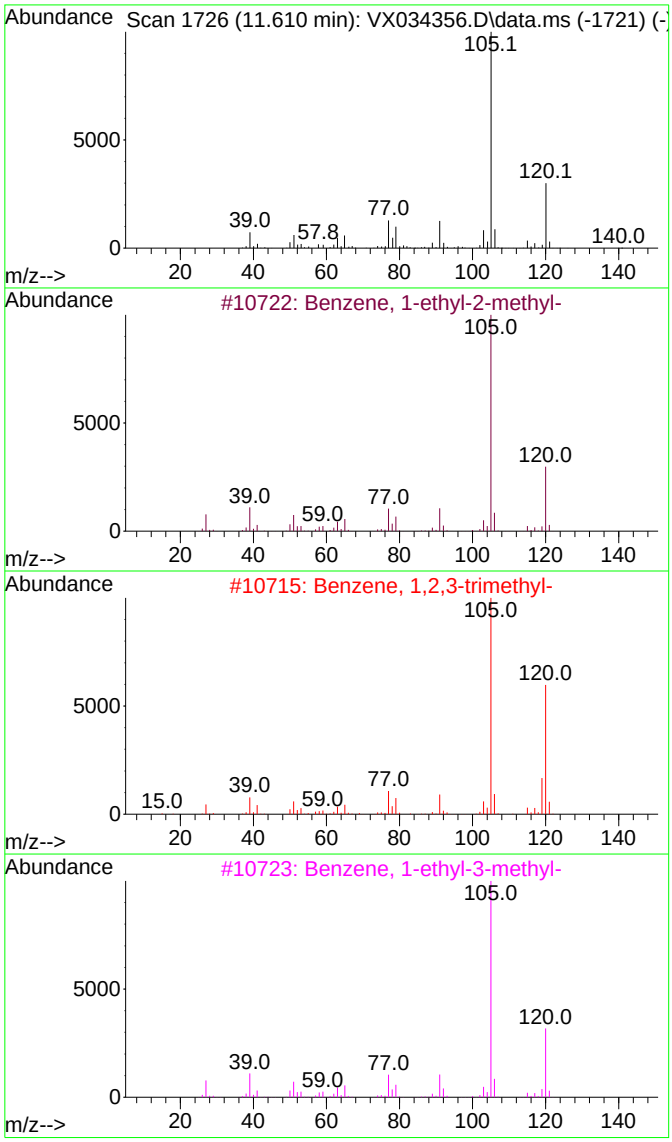
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
Quant Title : SW846 8260

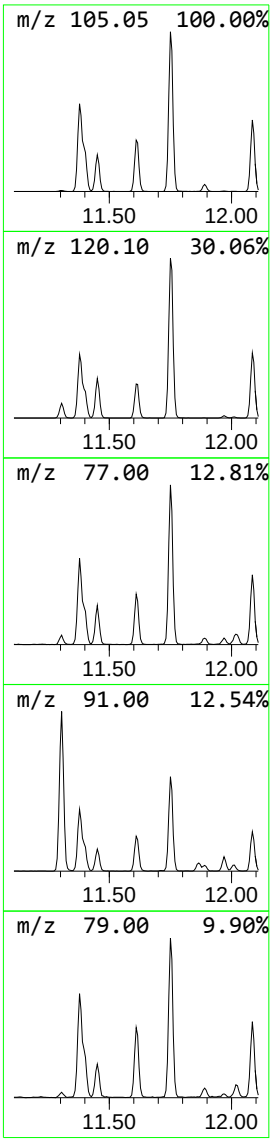
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.610	32.83 ug/l	780734	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030623\
Data File : VX034356.D
Acq On : 06 Mar 2023 17:45
Operator : JC/MD
Sample : 01816-06DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
2325DL

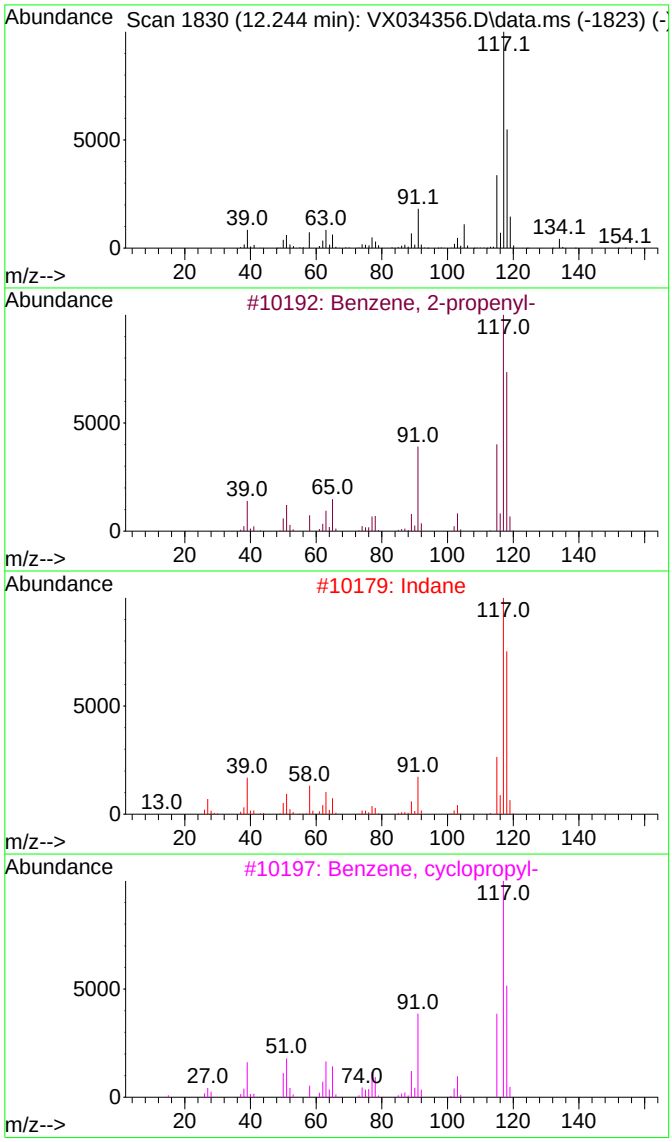
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
Quant Title : SW846 8260

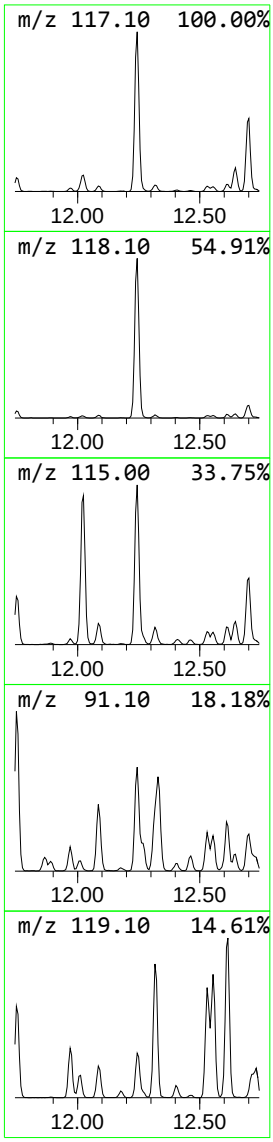
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 2-propenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	57.79 ug/l	1374170	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
2	Indane	118	C9H10	000496-11-7	76
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	59
5	Deltacyclene	118	C9H10	007785-10-6	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030623\
Data File : VX034356.D
Acq On : 06 Mar 2023 17:45
Operator : JC/MD
Sample : 01816-06DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
2325DL

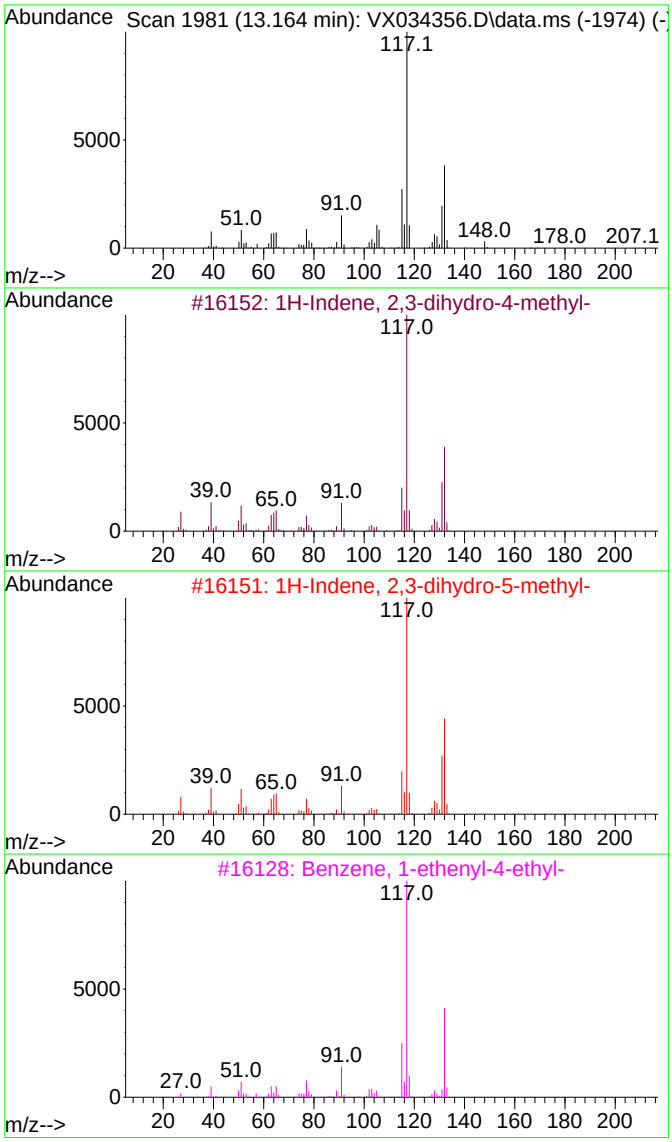
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
Quant Title : SW846 8260

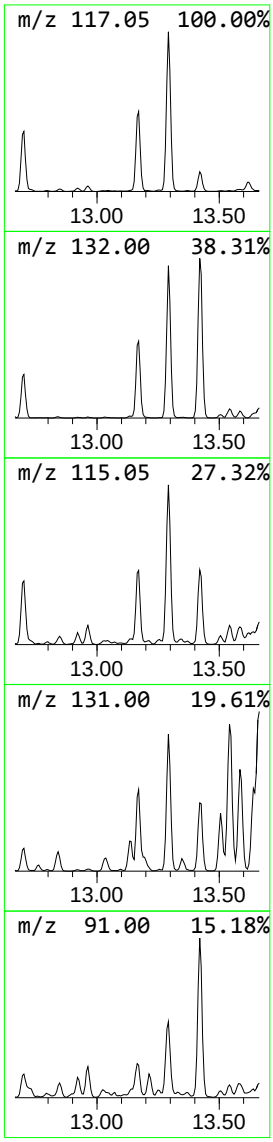
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.164	33.89 ug/l	805997	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	94
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030623\
Data File : VX034356.D
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Operator : JC/MD
Sample : 01816-06DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
2325DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
Quant Title : SW846 8260

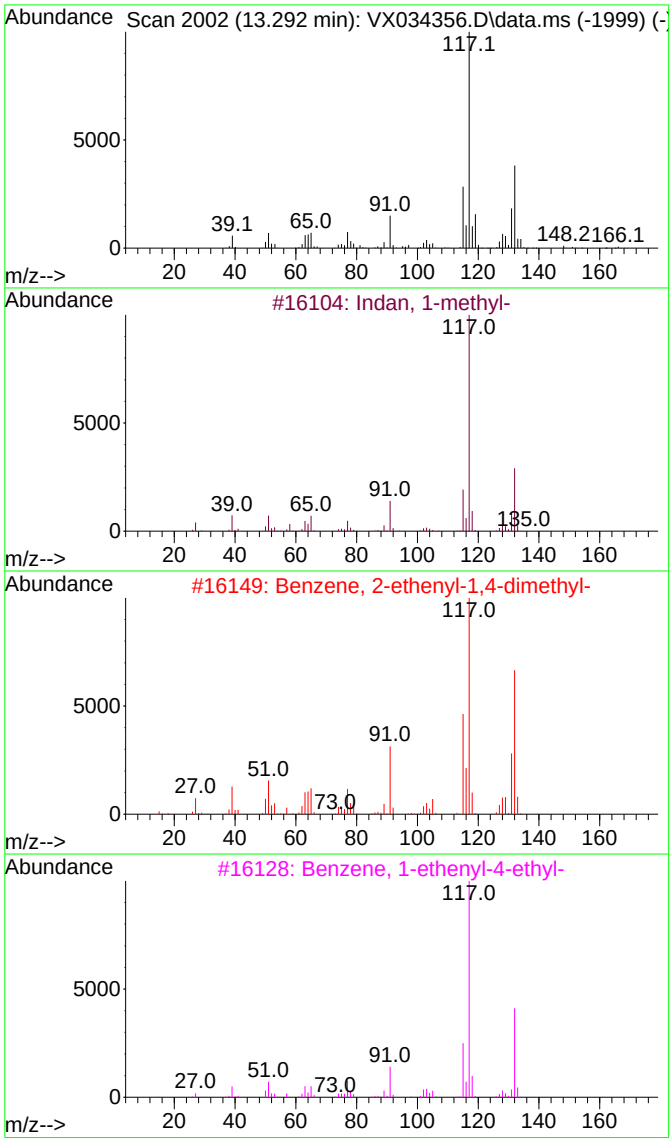
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

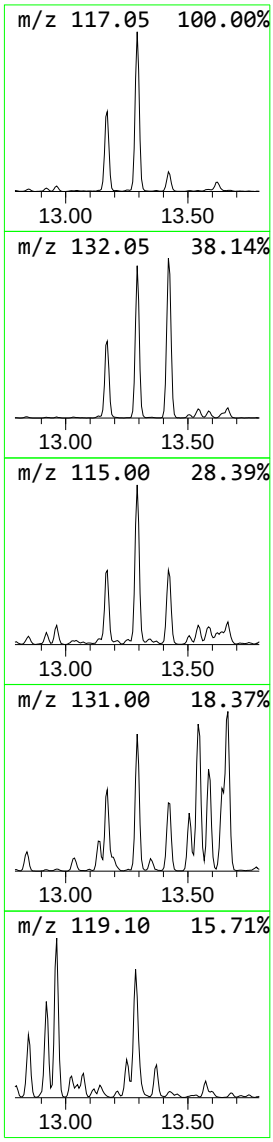
****

Peak Number 7 Indan, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	68.21 ug/l	1621980	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	93
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	91
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030623\
Data File : VX034356.D
Acq On : 06 Mar 2023 17:45
Operator : JC/MD
Sample : 01816-06DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
2325DL

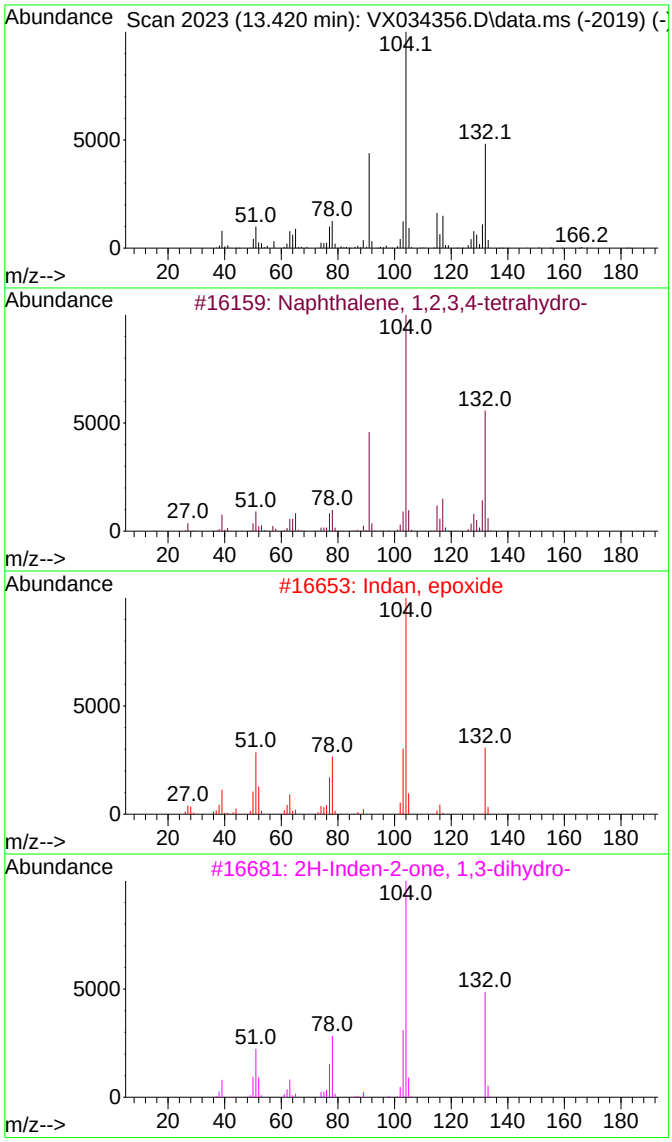
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
Quant Title : SW846 8260

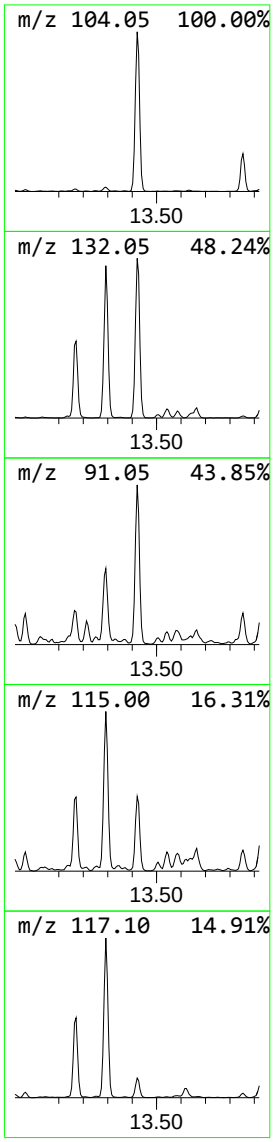
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.420	64.58 ug/l	1535800	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	97
2	Indan, epoxide	132	C9H8O	000768-22-9	58
3	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	50
4	N-Ethylbenzimidoyl bromide	211	C9H10BrN	041182-87-0	40
5	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030623\
Data File : VX034356.D
Acq On : 06 Mar 2023 17:45
Operator : JC/MD
Sample : 01816-06DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
2325DL

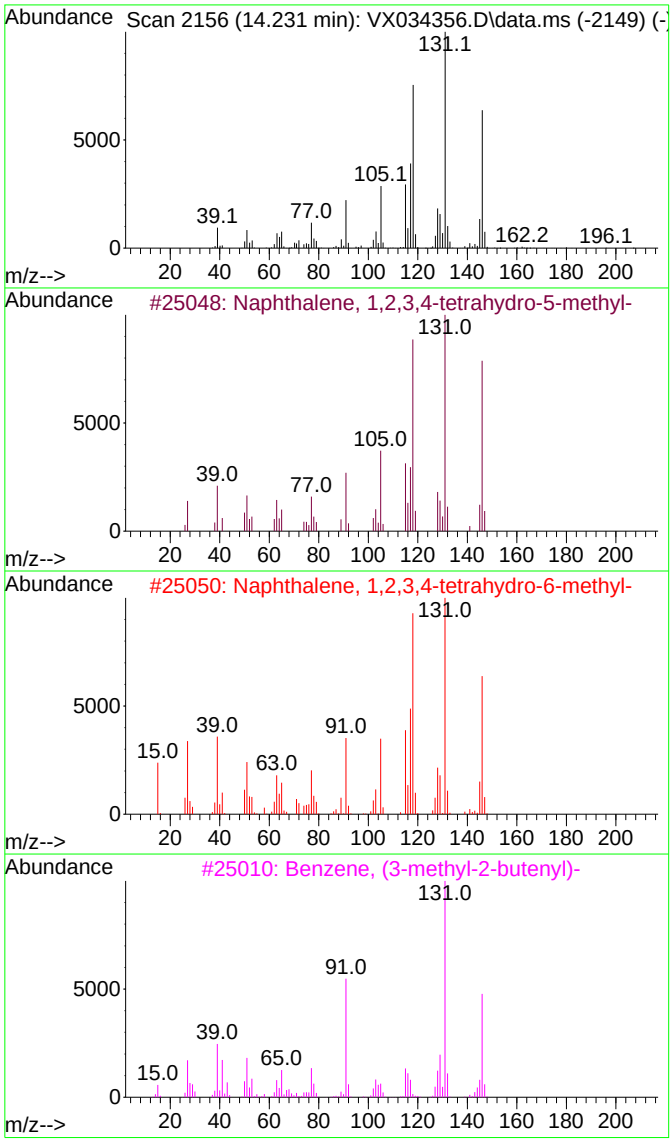
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
Quant Title : SW846 8260

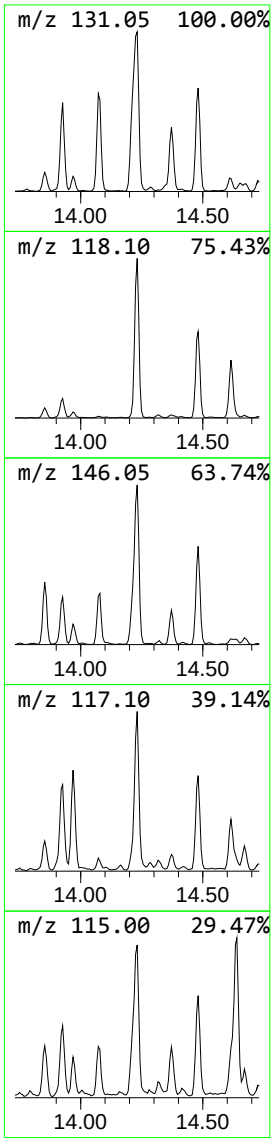
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.231	50.53 ug/l	1201670	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	60
4	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	55
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030623\
Data File : VX034356.D
Acq On : 06 Mar 2023 17:45
Operator : JC/MD
Sample : 01816-06DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
2325DL

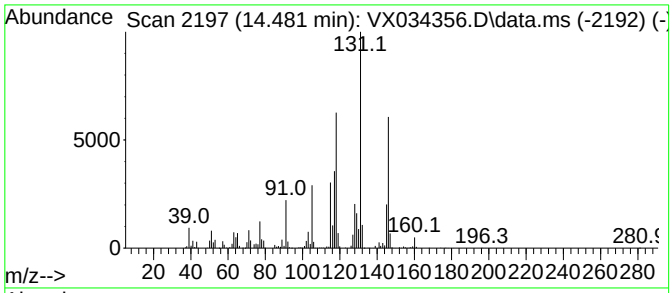
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
Quant Title : SW846 8260

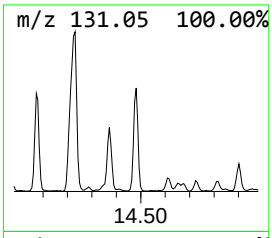
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

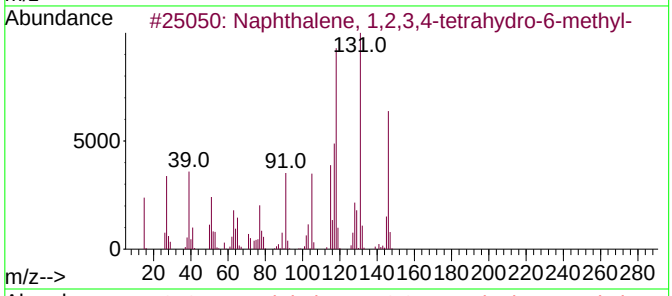
****
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

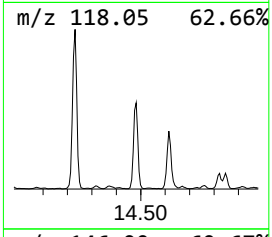
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.481	32.40 ug/l	770350	1,4-Dichlorobenzene-d4	12.024

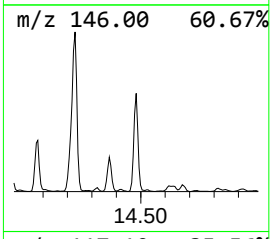
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
3	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	76
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	70

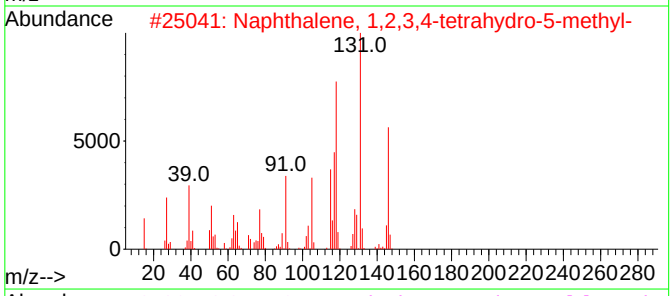


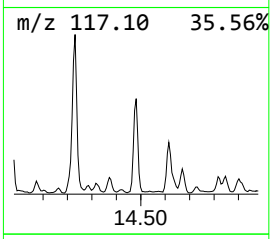


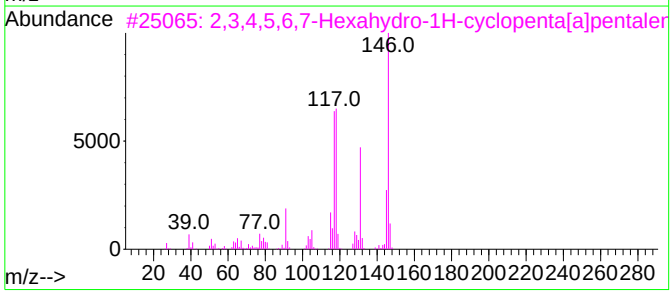


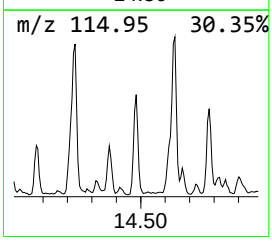












Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030623\
Data File : VX034356.D
Acq On : 06 Mar 2023 17:45
Operator : JC/MD
Sample : 01816-06DL 5X
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MSVOA_X
ClientSampleId :
2325DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.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
Ethanol	2.075	782.0	ug/l	11964800	1	5.556	764999	50.0
Benzene, 1-ethy...	11.378	73.3	ug/l	1743460	4	12.024	1188980	50.0
Benzene, 1,2,3-...	11.610	32.8	ug/l	780734	4	12.024	1188980	50.0
Benzene, 2-prop...	12.244	57.8	ug/l	1374170	4	12.024	1188980	50.0
1H-Indene, 2,3-...	13.164	33.9	ug/l	805997	4	12.024	1188980	50.0
Indan, 1-methyl-	13.292	68.2	ug/l	1621980	4	12.024	1188980	50.0
Naphthalene, 1,...	13.420	64.6	ug/l	1535800	4	12.024	1188980	50.0
Naphthalene, 1,...	14.231	50.5	ug/l	1201670	4	12.024	1188980	50.0
Naphthalene, 1,...	14.481	32.4	ug/l	770350	4	12.024	1188980	50.0