LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042723\
Data File : VX035367.D
Acq On : 28 Apr 2023 05:45
Operator : JC/MD
Sample : 02522-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-2

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\82X042523W.M
Title : SW846 8260

Signal : TIC: VX035367.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.752	103	109	125	rVB	343421	445623	2.05%	0.325%
2	2.782	259	278	281	rBV2	220250	521406	2.40%	0.381%
3	2.825	281	285	290	rVB	241004	427803	1.97%	0.312%
4	3.105	321	331	346	rVB2	545793	1238257	5.70%	0.904%
5	3.733	426	434	443	rVB2	138551	326483	1.50%	0.238%
6	3.837	443	451	459	rBV2	89331	228129	1.05%	0.167%
7	4.105	482	495	503	rBV3	93846	249937	1.15%	0.182%
8	4.306	519	528	539	rVB	426078	1206259	5.55%	0.881%
9	5.190	646	673	691	rBV5	117484	495095	2.28%	0.361%
10	5.385	691	705	712	rBV3	159487	488739	2.25%	0.357%
11	5.477	712	720	726	rVV2	185423	667364	3.07%	0.487%
12	5.550	726	732	739	rVV	263809	849300	3.91%	0.620%
13	5.617	739	743	766	rVB4	149942	512893	2.36%	0.374%
14	5.830	766	778	789	rBV5	122231	390846	1.80%	0.285%
15	5.958	789	799	804	rVV	148581	390227	1.79%	0.285%
16	6.038	804	812	823	rVV	1073498	2864939	13.18%	2.091%
17	6.160	824	832	842	rVV4	154175	720509	3.31%	0.526%
18	6.257	842	848	853	rVV2	200084	576490	2.65%	0.421%
19	6.324	853	859	876	rVB4	220991	910696	4.19%	0.665%
20	6.763	921	931	937	rBV	389106	1015589	4.67%	0.741%
21	6.848	939	945	957	rVB2	224447	668847	3.08%	0.488%
22	7.172	989	998	1007	rVB	168089	373955	1.72%	0.273%
23	7.379	1020	1032	1044	rVB5	349826	1001053	4.60%	0.731%
24	7.982	1122	1131	1143	rVB3	76796	248062	1.14%	0.181%
25	8.104	1143	1151	1153	rBV2	127654	232039	1.07%	0.169%
26	8.141	1153	1157	1162	rVB	272590	444237	2.04%	0.324%
27	8.507	1211	1217	1226	rVB3	306385	628375	2.89%	0.459%
28	8.647	1235	1240	1247	rVB	827587	1305899	6.01%	0.953%
29	8.720	1247	1252	1258	rBV	144059	246771	1.14%	0.180%
30	9.159	1320	1324	1335	rVB	200544	336227	1.55%	0.245%
31	10.055	1466	1471	1475	rBV	799675	1046856	4.82%	0.764%
32	10.195	1488	1494	1500	rVB	9414086	12358539	56.85%	9.022%
33	10.305	1504	1512	1518	rVB	15846171	21739980	100.00%	15.870%
34	10.640	1562	1567	1578	rVB	424540	557654	2.57%	0.407%
35	10.964	1614	1620	1627	rBV	769939	981443	4.51%	0.716%
36	11.079	1634	1639	1644	rBV	699918	876454	4.03%	0.640%

LSC Area Percent Report

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-2

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\82X042523W.M
Title : SW846 8260

37	11.305	1671	1676	1682	rVB	1482609	1768220	8.13%	1.291%
38	11.396	1683	1691	1696	rVV	3250282	5337751	24.55%	3.897%
39	11.451	1696	1700	1707	rVB	4174056	4905704	22.57%	3.581%
40	11.610	1721	1726	1735	rBV	3964733	5212193	23.98%	3.805%
41	11.756	1744	1750	1755	rVB	12212626	15272987	70.25%	11.149%
42	12.018	1789	1793	1797	rVV	852230	1124567	5.17%	0.821%
43	12.085	1797	1804	1809	rVB	4779158	5935881	27.30%	4.333%
44	12.244	1824	1830	1837	rBV	7028200	8803850	40.50%	6.427%
45	12.317	1837	1842	1849	rVB2	1033862	1437045	6.61%	1.049%
46	12.408	1849	1857	1862	rBV2	439601	613950	2.82%	0.448%
47	12.463	1862	1866	1872	rVB2	593154	773292	3.56%	0.565%
48	12.530	1872	1877	1879	rBV	849095	1046832	4.82%	0.764%
49	12.555	1879	1881	1886	rVB	612287	641510	2.95%	0.468%
50	12.616	1886	1891	1894	rBV	1867645	2381302	10.95%	1.738%
51	12.646	1894	1896	1900	rVB	442029	449340	2.07%	0.328%
52	12.701	1900	1905	1912	rBV2	1817654	2532246	11.65%	1.849%
53	12.847	1924	1929	1934	rVB2	478374	593255	2.73%	0.433%
54	12.921	1934	1941	1944	rBV	1381989	1624493	7.47%	1.186%
55	12.963	1944	1948	1954	rVB	1636362	1966563	9.05%	1.436%
56	13.170	1978	1982	1991	rVB	1222106	1608411	7.40%	1.174%
57	13.292	1997	2002	2007	rVB2	2794569	3667244	16.87%	2.677%
58	13.341	2007	2010	2013	rBV2	228320	248903	1.14%	0.182%
59	13.420	2019	2023	2032	rVB	523607	697311	3.21%	0.509%
60	13.542	2039	2043	2046	rVV	357809	495029	2.28%	0.361%
61	13.585	2046	2050	2056	rVV3	369712	731661	3.37%	0.534%
62	13.664	2060	2063	2069	rVB2	349424	520284	2.39%	0.380%
63	13.774	2074	2081	2091	rVV	4648187	5934236	27.30%	4.332%
64	13.865	2091	2096	2101	rVB	270507	363235	1.67%	0.265%
65	14.073	2125	2130	2135	rBV	208358	251557	1.16%	0.184%
66	14.213	2149	2153	2159	rBV	178888	275174	1.27%	0.201%
67	14.634	2218	2222	2233	rVB	1066883	1411053	6.49%	1.030%
68	14.780	2241	2246	2255	rBV	606740	788190	3.63%	0.575%

Sum of corrected areas: 136986244

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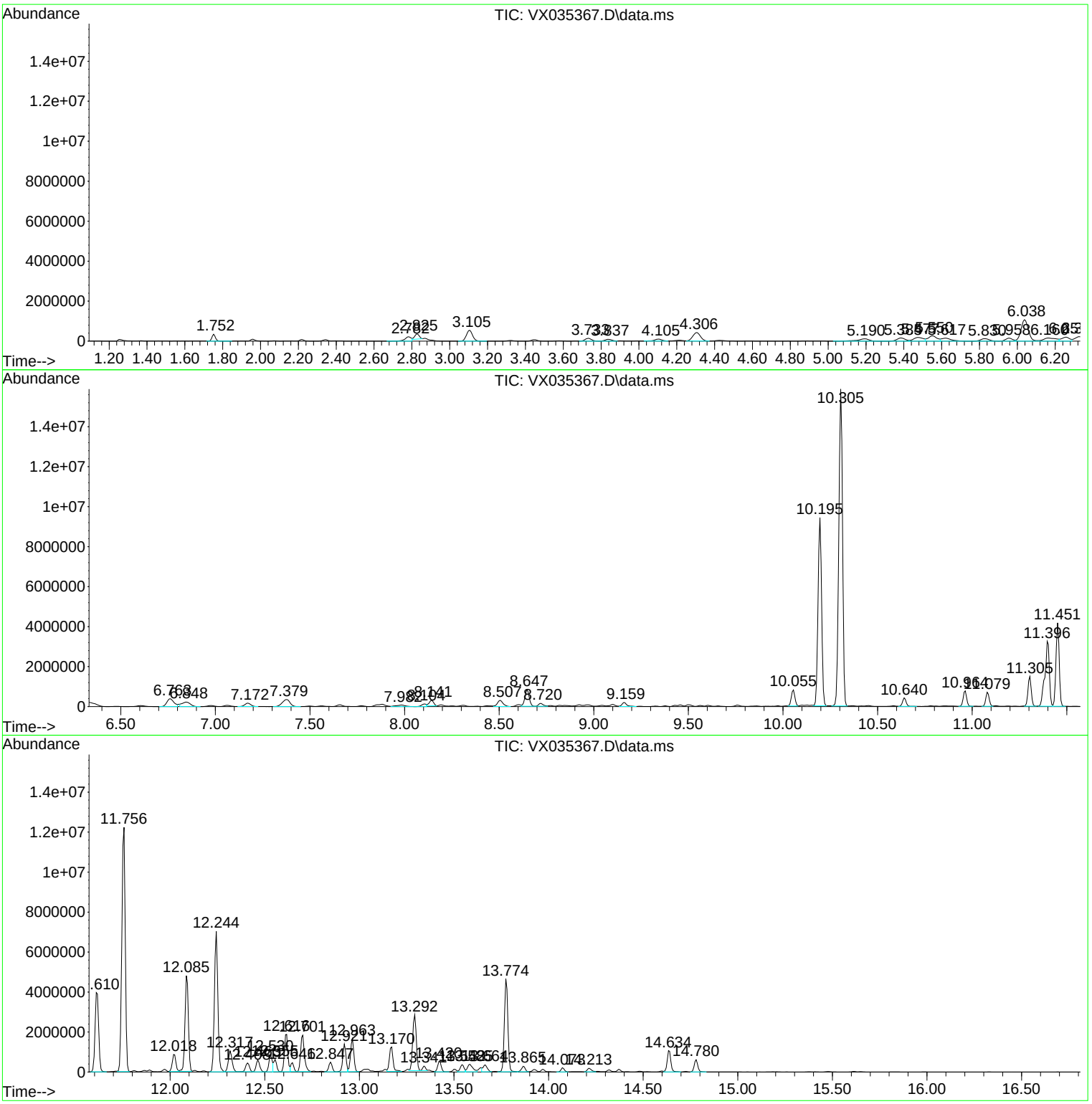
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042723\
Data File : VX035367.D
Acq On : 28 Apr 2023 05:45
Operator : JC/MD
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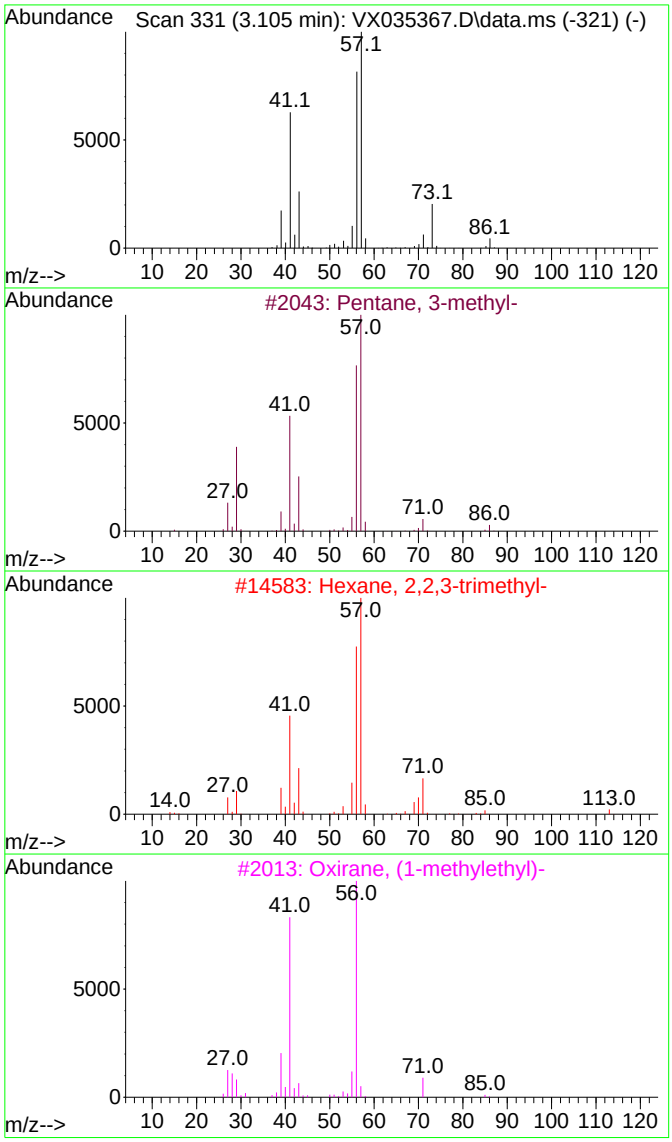
Quant Title : SW846 8260

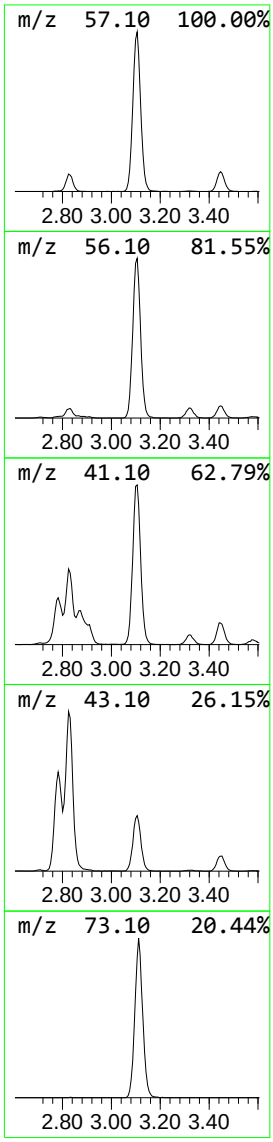
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Pentane, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.105	72.90 ug/l	1238260	Pentafluorobenzene	5.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	87
2	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
3	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	50
4	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	40
5	Oxetane, 3,3-dimethyl-	86	C5H10O	006921-35-3	40





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Data File : VX035367.D
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Operator : JC/MD
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ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-2

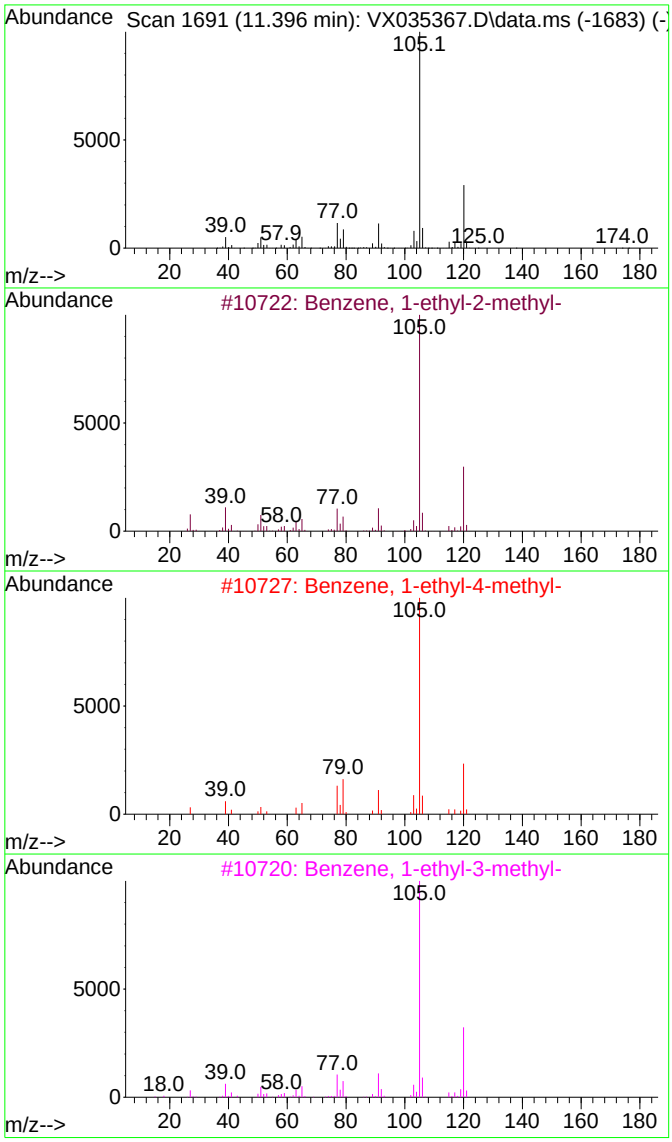
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260

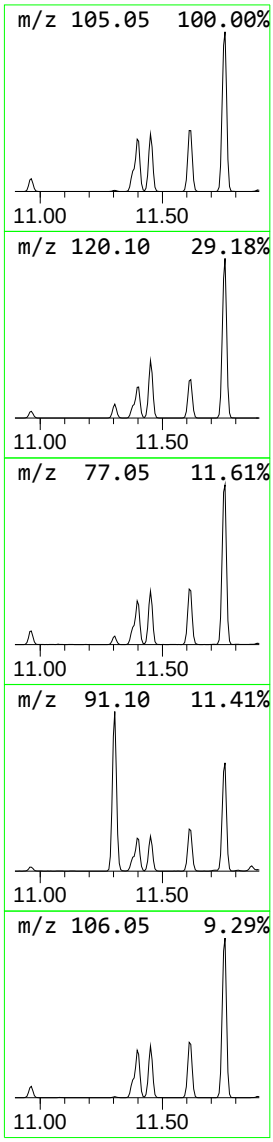
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.396	237.32 ug/l	5337750	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-4-methyl-	120	C9H12	000622-96-8	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042723\
Data File : VX035367.D
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Operator : JC/MD
Sample : 02522-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-2

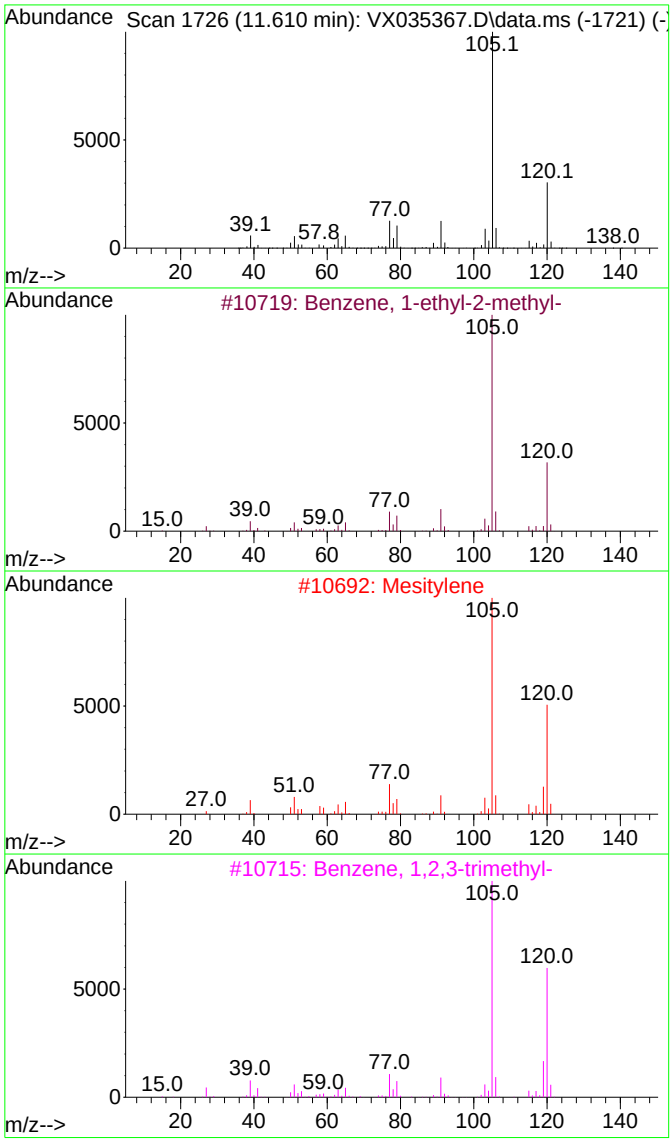
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260

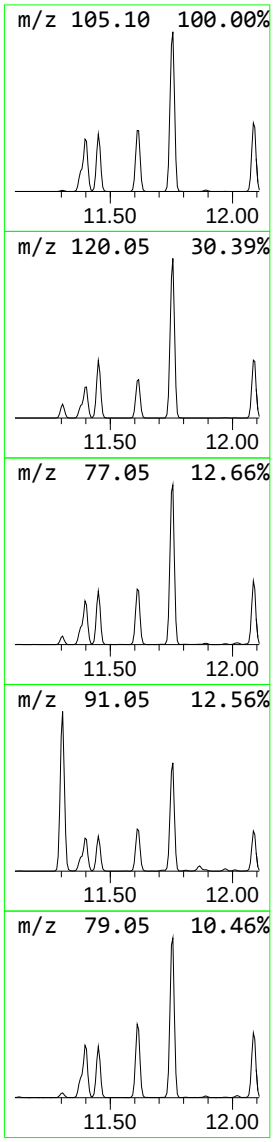
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.610	231.74 ug/l	5212190	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	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042723\
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-2

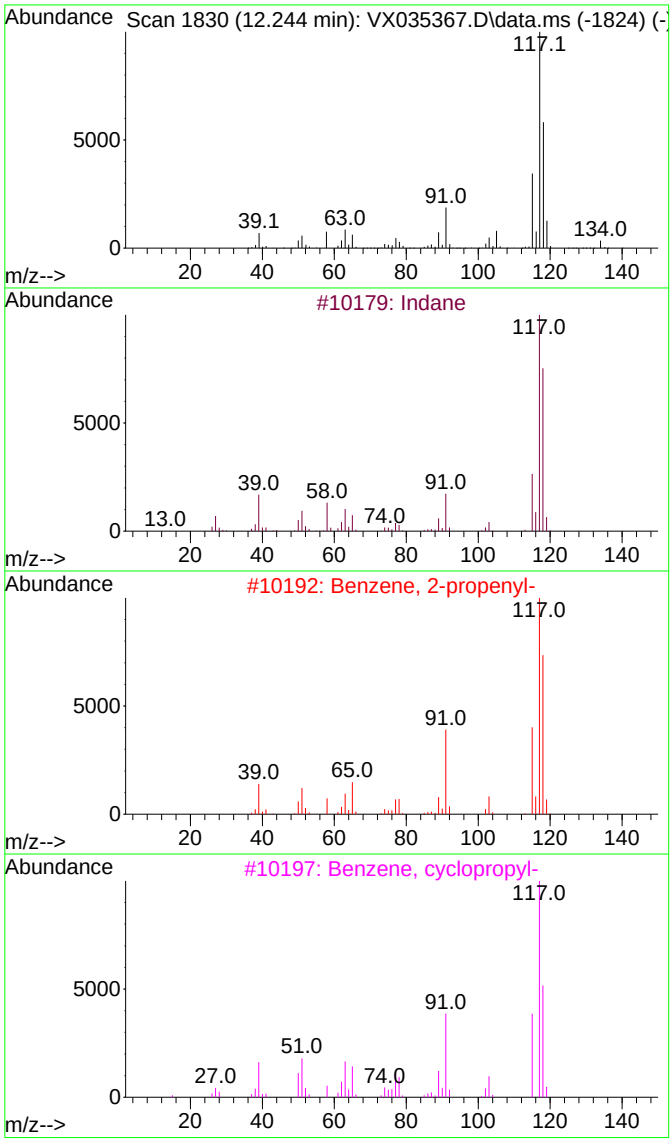
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260

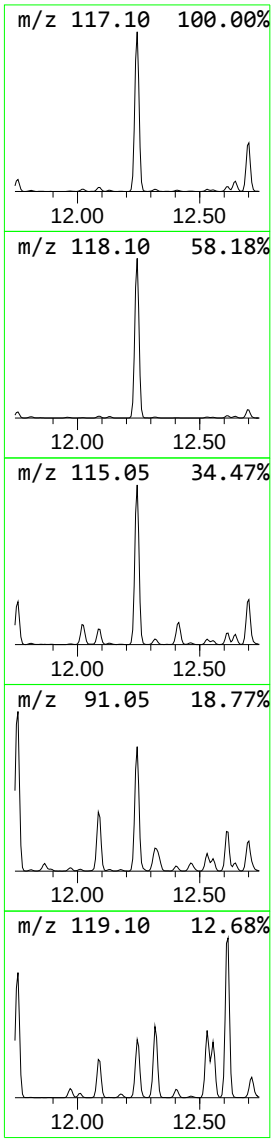
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	391.43 ug/l	8803850	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	81
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	64
5	Deltacyclene	118	C9H10	007785-10-6	64





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MSVOA_X
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260

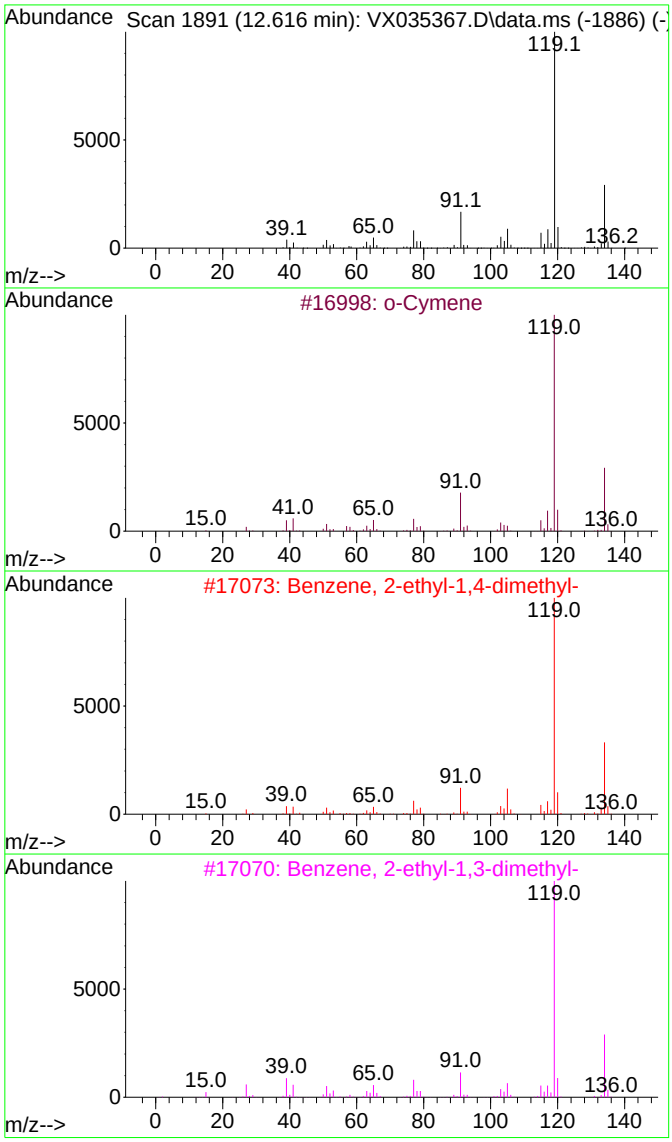
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

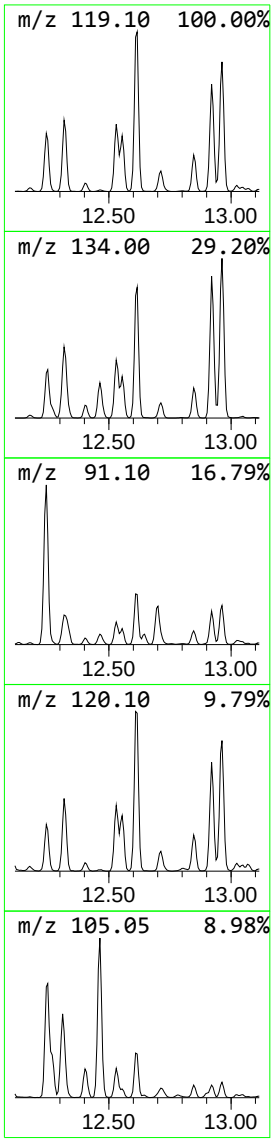
****

Peak Number 6 o-Cymene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.616	105.88 ug/l	2381300	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





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ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-2

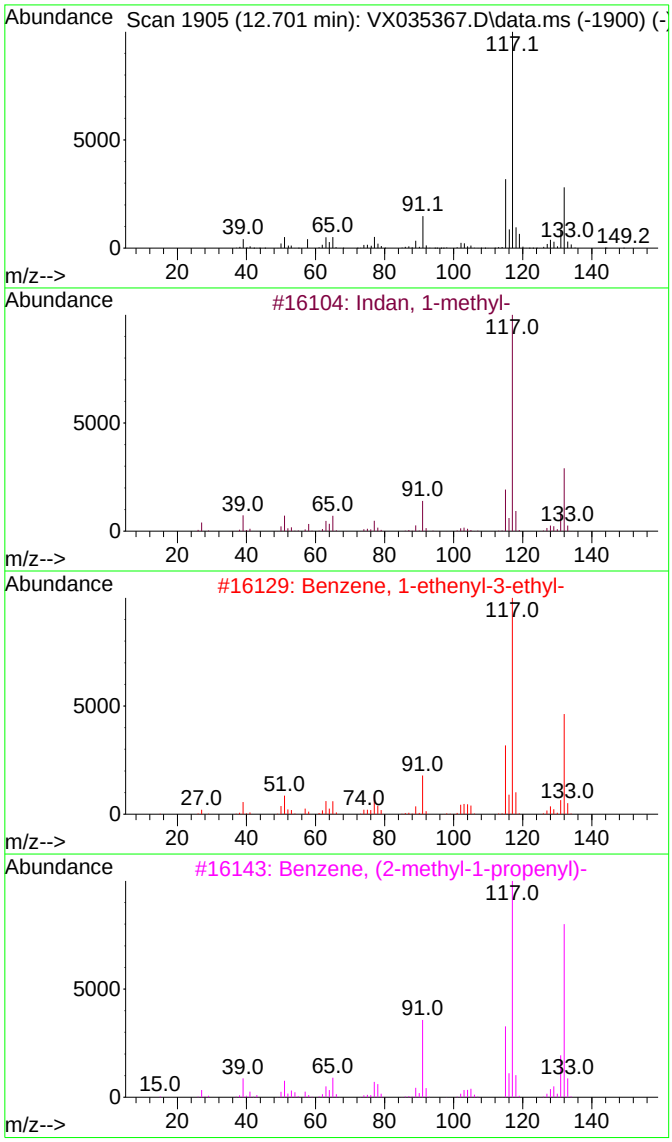
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260

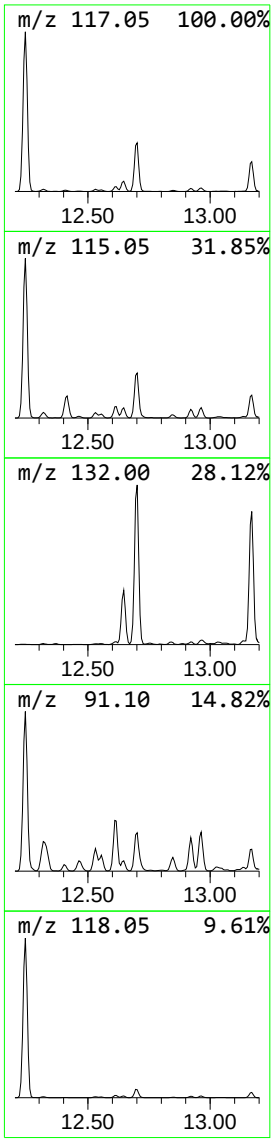
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.701	112.59 ug/l	2532250	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, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	87
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042723\
Data File : VX035367.D
Acq On : 28 Apr 2023 05:45
Operator : JC/MD
Sample : 02522-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-2

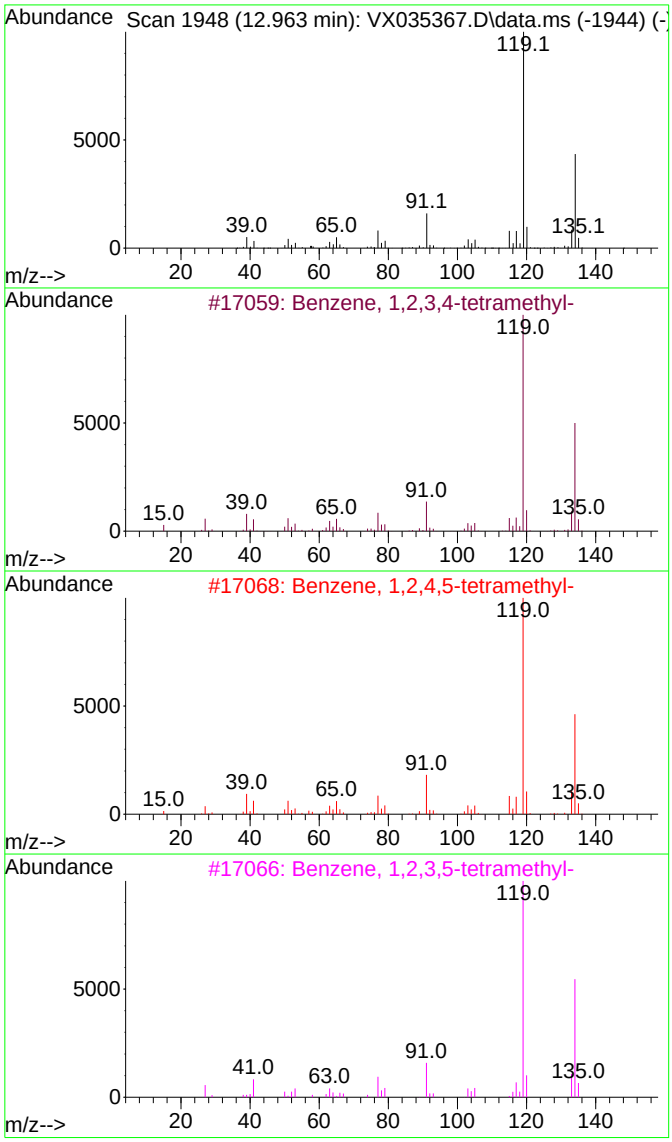
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260

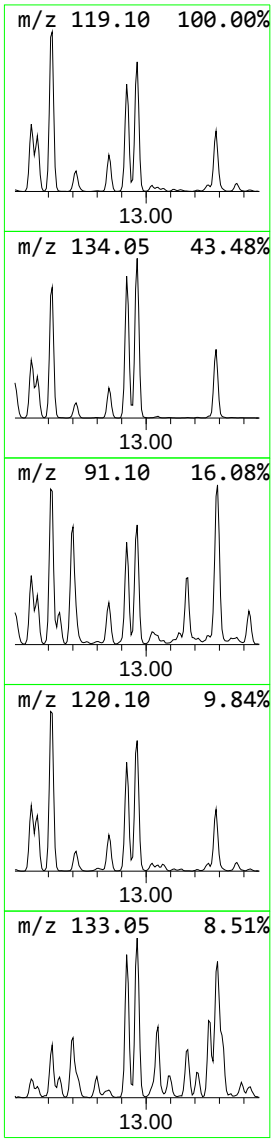
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.963	87.44 ug/l	1966560	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





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Data File : VX035367.D
Acq On : 28 Apr 2023 05:45
Operator : JC/MD
Sample : 02522-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-2

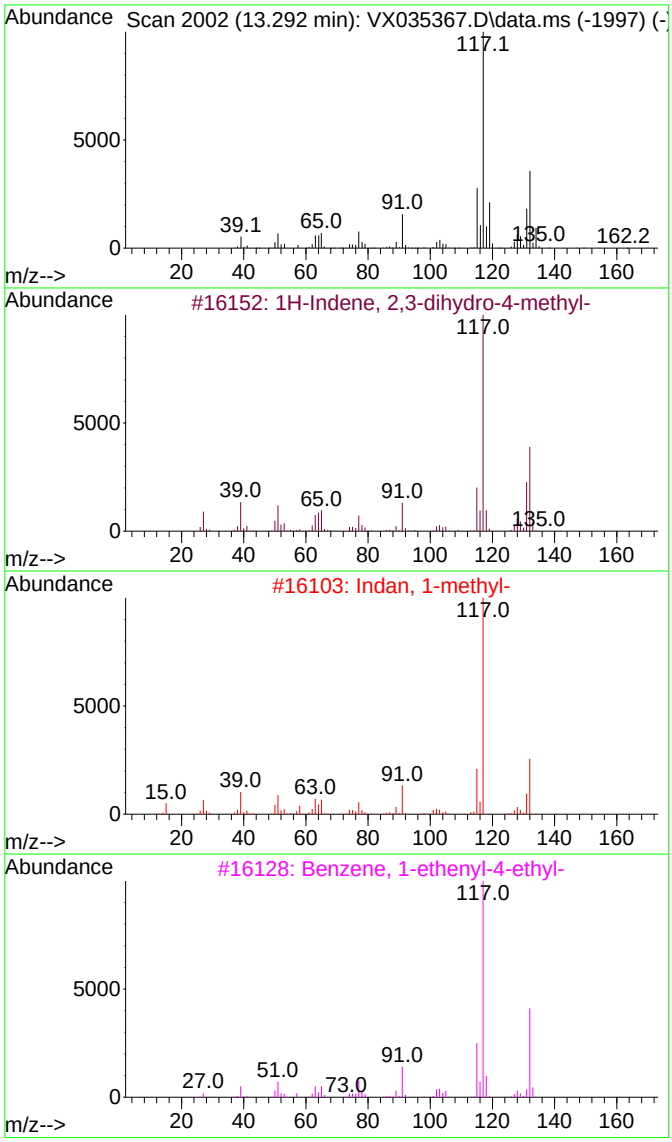
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260

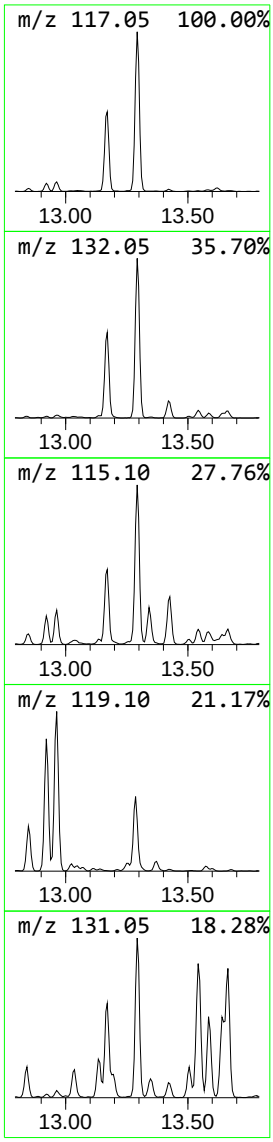
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	163.05 ug/l	3667240	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	81
2	Indan, 1-methyl-	132	C10H12	000767-58-8	76
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	76
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042723\
Data File : VX035367.D
Acq On : 28 Apr 2023 05:45
Operator : JC/MD
Sample : 02522-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-2

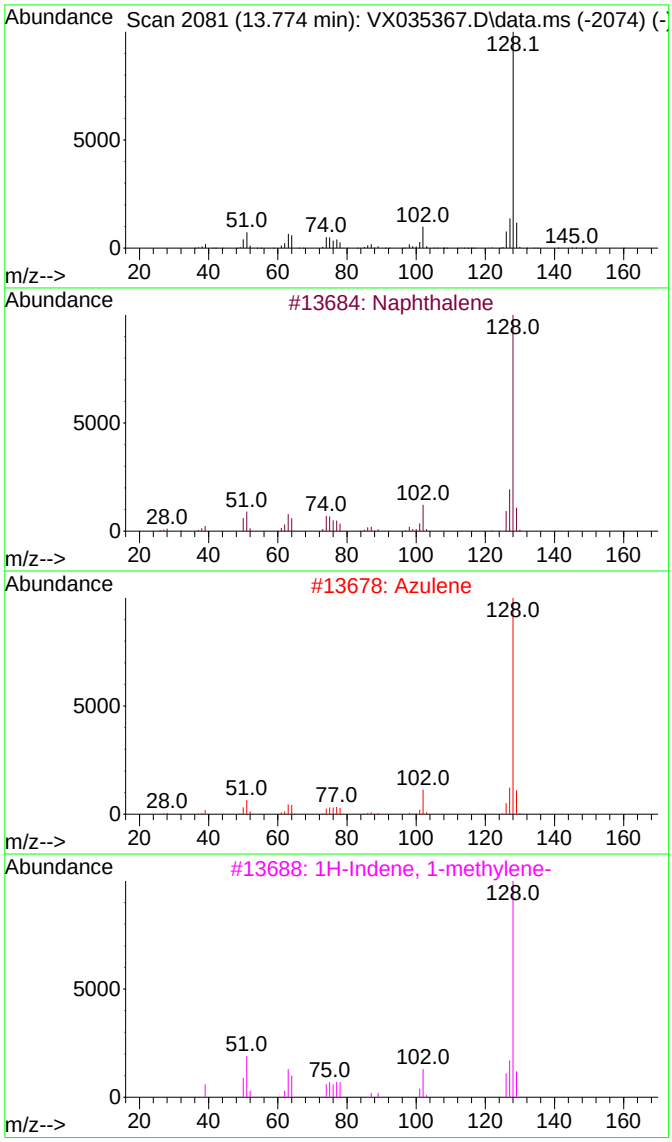
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260

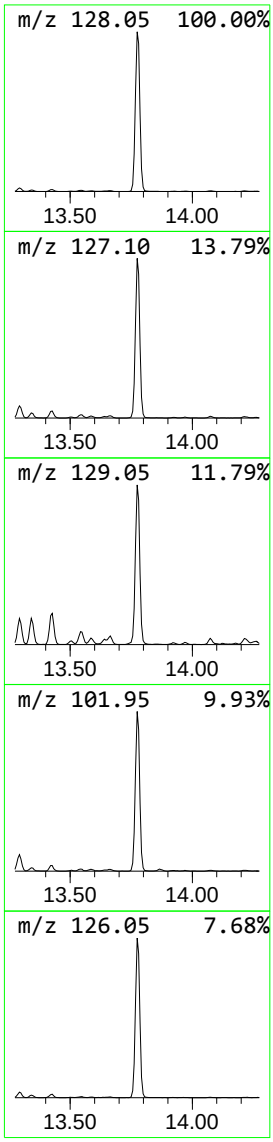
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Azulene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.774	263.85 ug/l	5934240	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	97
2	Azulene	128	C10H8	000275-51-4	94
3	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	50
4	1H-Cyclopenta[c]thiophene, hexah...	128	C7H12S	053907-80-5	47
5	2-Chlorophenol, O-(n-propyloxyca...	214	C10H11ClO3	1000487-24-1	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042723\
Data File : VX035367.D
Acq On : 28 Apr 2023 05:45
Operator : JC/MD
Sample : 02522-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.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
Pentane, 3-methyl-	3.105	72.9	ug/l	1238260	1	5.550	849300	50.0
Benzene, 1-ethy...	11.396	237.3	ug/l	5337750	4	12.024	1124570	50.0
Benzene, 1,2,3-...	11.610	231.7	ug/l	5212190	4	12.024	1124570	50.0
Indane	12.244	391.4	ug/l	8803850	4	12.024	1124570	50.0
o-Cymene	12.616	105.9	ug/l	2381300	4	12.024	1124570	50.0
Indan, 1-methyl-	12.701	112.6	ug/l	2532250	4	12.024	1124570	50.0
Benzene, 1,2,3,...	12.963	87.4	ug/l	1966560	4	12.024	1124570	50.0
1H-Indene, 2,3-...	13.292	163.1	ug/l	3667240	4	12.024	1124570	50.0
Azulene	13.774	263.9	ug/l	5934240	4	12.024	1124570	50.0