LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042723\
Data File : VX035363.D
Acq On : 28 Apr 2023 04:12
Operator : JC/MD
Sample : 02522-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-3

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: VX035363.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.093	646	657	667	rBV	59316	183027	1.01%	0.180%
2	5.385	694	705	714	rBV	138189	412631	2.28%	0.406%
3	5.550	724	732	764	rVB	246672	778365	4.30%	0.766%
4	5.958	788	799	806	rBV	145332	390855	2.16%	0.385%
5	6.763	921	931	940	rBV	372067	917577	5.07%	0.903%
6	7.379	1020	1032	1043	rBV3	80672	221112	1.22%	0.218%
7	8.647	1235	1240	1246	rBV	765522	1188317	6.57%	1.169%
8	8.720	1246	1252	1259	rVB	2748500	4295695	23.74%	4.226%
9	10.055	1465	1471	1477	rBV	781857	1057959	5.85%	1.041%
10	10.195	1488	1494	1500	rBV	10619467	13838247	76.47%	13.613%
11	10.305	1503	1512	1519	rVB	5626732	7450637	41.17%	7.330%
12	10.640	1562	1567	1577	rVB	2758094	3498295	19.33%	3.441%
13	10.964	1614	1620	1628	rBV	618879	788643	4.36%	0.776%
14	11.079	1634	1639	1645	rBV	672949	854858	4.72%	0.841%
15	11.305	1667	1676	1682	rBV	1249718	1520749	8.40%	1.496%
16	11.396	1682	1691	1696	rVV	1136050	1843245	10.19%	1.813%
17	11.451	1696	1700	1707	rVB	2937359	3467144	19.16%	3.411%
18	11.610	1721	1726	1735	rBV	3043347	3886891	21.48%	3.824%
19	11.756	1744	1750	1755	rBV	14180719	18095368	100.00%	17.801%
20	12.018	1788	1793	1799	rBV	827962	1090342	6.03%	1.073%
21	12.085	1799	1804	1809	rBV	5065100	6188885	34.20%	6.088%
22	12.244	1824	1830	1837	rBV	5281956	6534962	36.11%	6.429%
23	12.317	1837	1842	1849	rVB2	681014	985455	5.45%	0.969%
24	12.408	1852	1857	1862	rBV	583643	761528	4.21%	0.749%
25	12.463	1862	1866	1872	rVB	322090	399319	2.21%	0.393%
26	12.530	1872	1877	1879	rBV	771391	962061	5.32%	0.946%
27	12.555	1879	1881	1886	rVV	643282	661048	3.65%	0.650%
28	12.610	1886	1890	1894	rVV	1071432	1377566	7.61%	1.355%
29	12.646	1894	1896	1900	rVB	272554	277779	1.54%	0.273%
30	12.701	1900	1905	1912	rBV2	1061751	1491982	8.25%	1.468%
31	12.847	1925	1929	1934	rVB	363578	449510	2.48%	0.442%
32	12.921	1934	1941	1944	rBV	868832	1053321	5.82%	1.036%
33	12.963	1944	1948	1953	rVB	1044639	1266947	7.00%	1.246%
34	13.164	1978	1981	1986	rVB	797284	967615	5.35%	0.952%
35	13.292	1997	2002	2007	rVB2	1823213	2372134	13.11%	2.334%
36	13.420	2019	2023	2031	rVB	312099	420897	2.33%	0.414%

LSC Area Percent Report

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Data File : VX035363.D
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Operator : JC/MD
Sample : 02522-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-3

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	13.542	2039	2043	2046	rBV	187021	235990	1.30%	0.232%
38	13.579	2046	2049	2056	rVV3	225761	401244	2.22%	0.395%
39	13.664	2060	2063	2068	rVB2	194187	284216	1.57%	0.280%
40	13.774	2076	2081	2087	rBV	5124876	6328695	34.97%	6.226%
41	13.865	2092	2096	2102	rVB	299045	390252	2.16%	0.384%
42	14.213	2148	2153	2159	rBV	120098	184334	1.02%	0.181%
43	14.634	2218	2222	2233	rVB	896577	1160474	6.41%	1.142%
44	14.780	2241	2246	2255	rVB	550645	715405	3.95%	0.704%

Sum of corrected areas: 101651576

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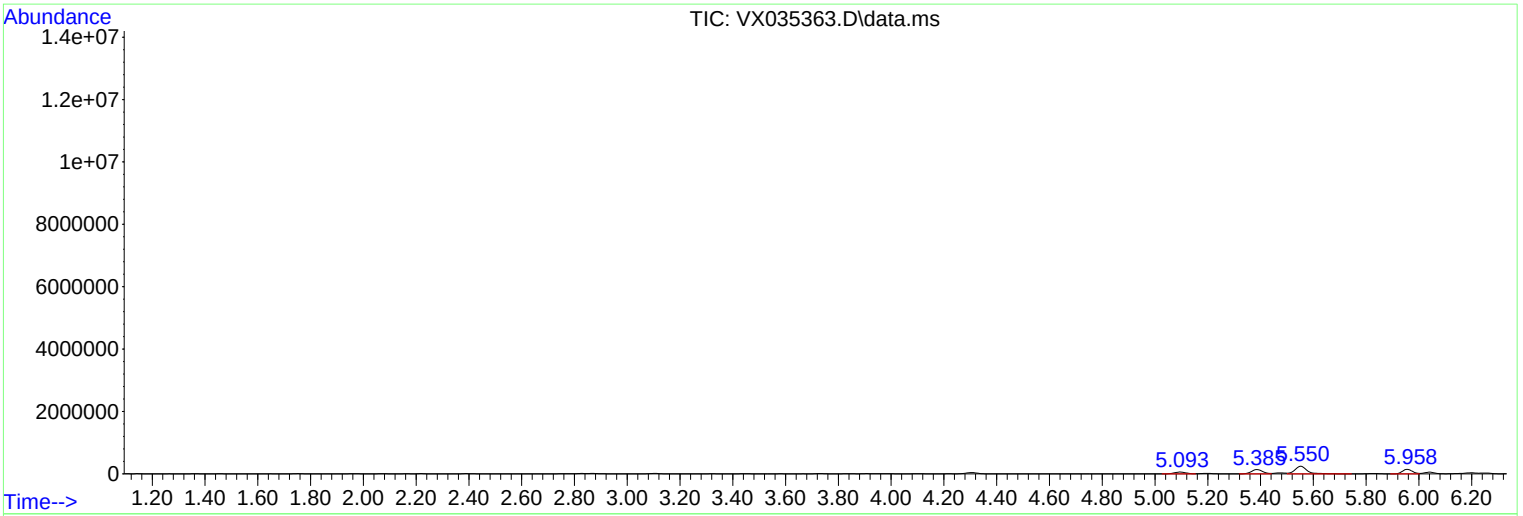
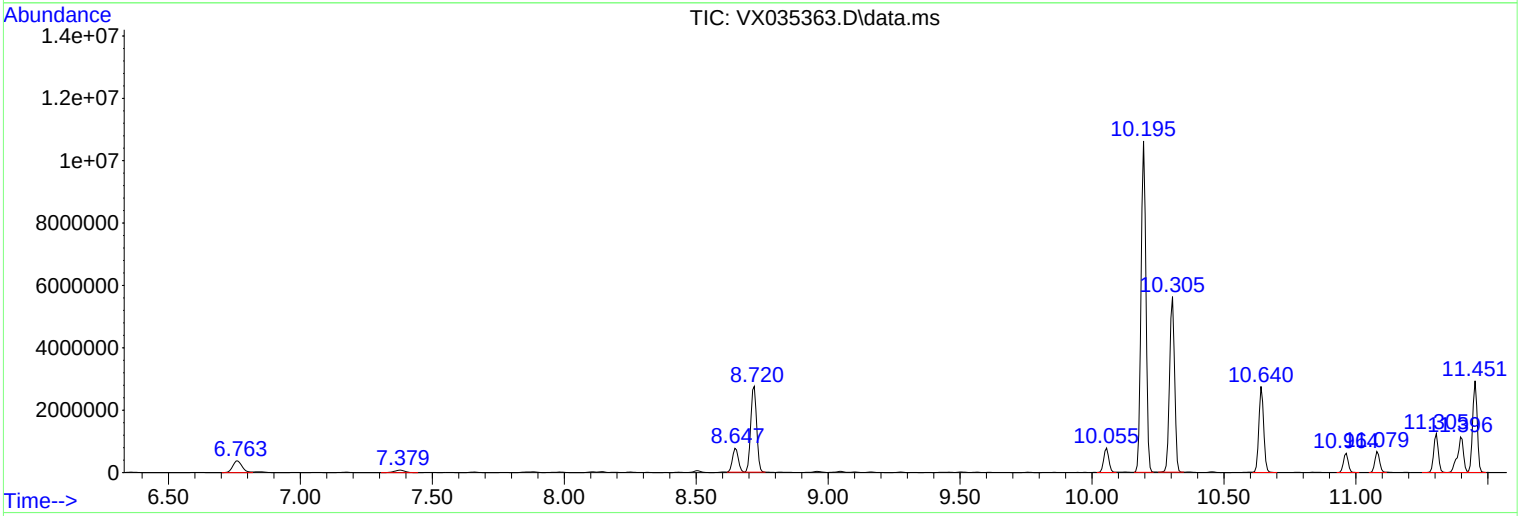
ALS Vial : 40 Sample Multiplier: 1

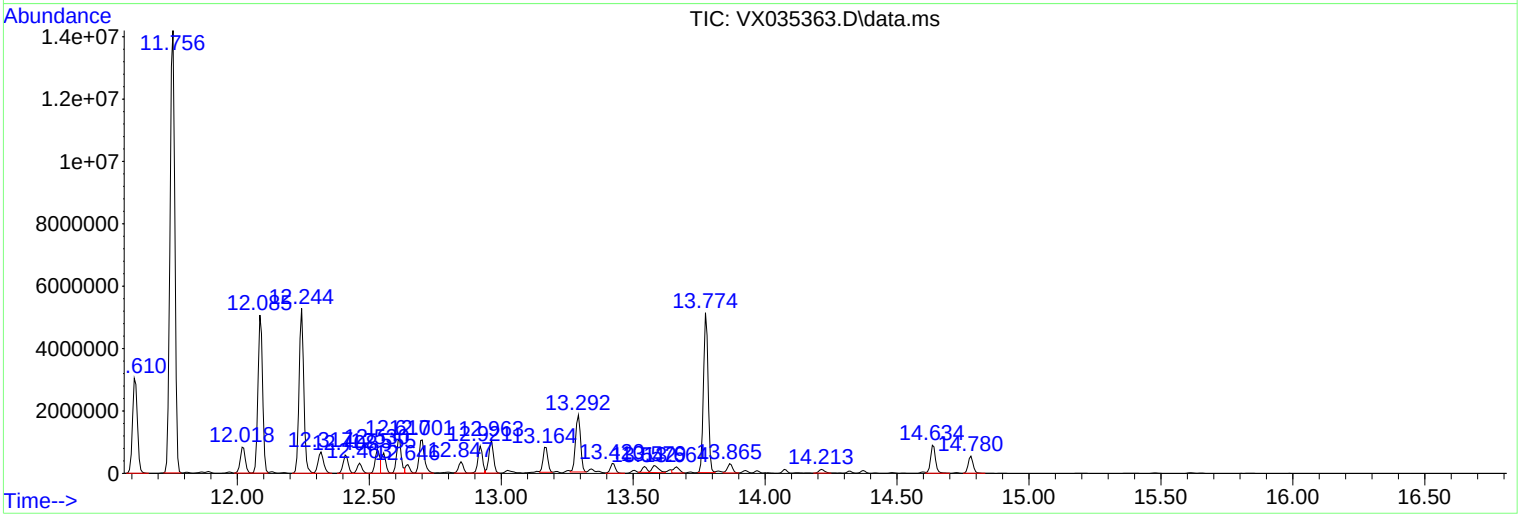
Instrument :
MSVOA_X
ClientSampleId :
MW-3

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







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Data File : VX035363.D
Acq On : 28 Apr 2023 04:12
Operator : JC/MD
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ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-3

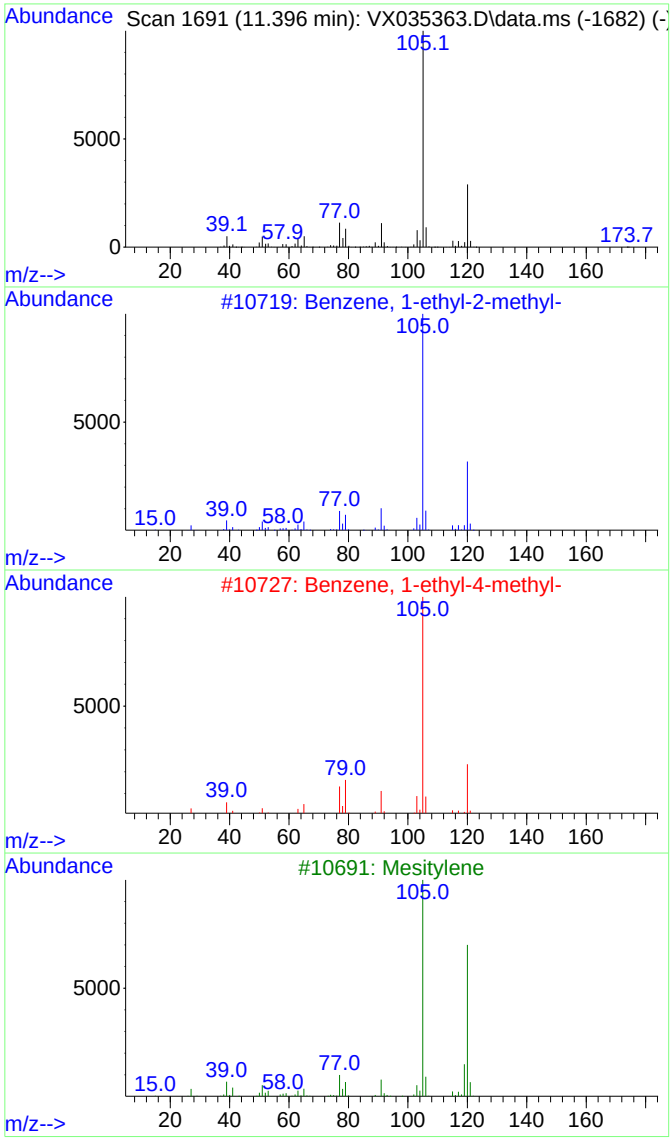
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260

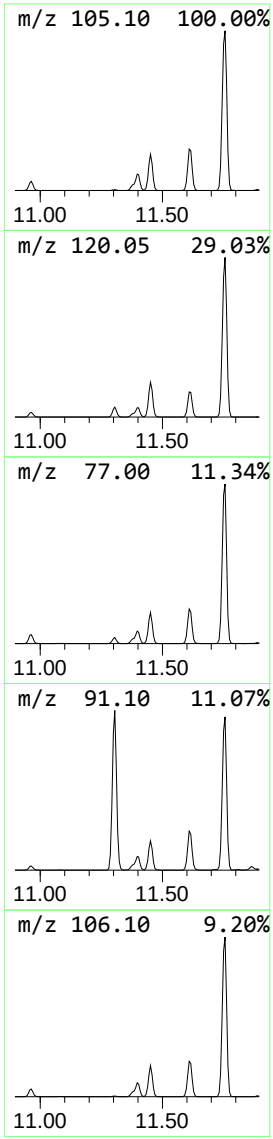
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.396	84.53 ug/l	1843250	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	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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Data File : VX035363.D
Acq On : 28 Apr 2023 04:12
Operator : JC/MD
Sample : 02522-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-3

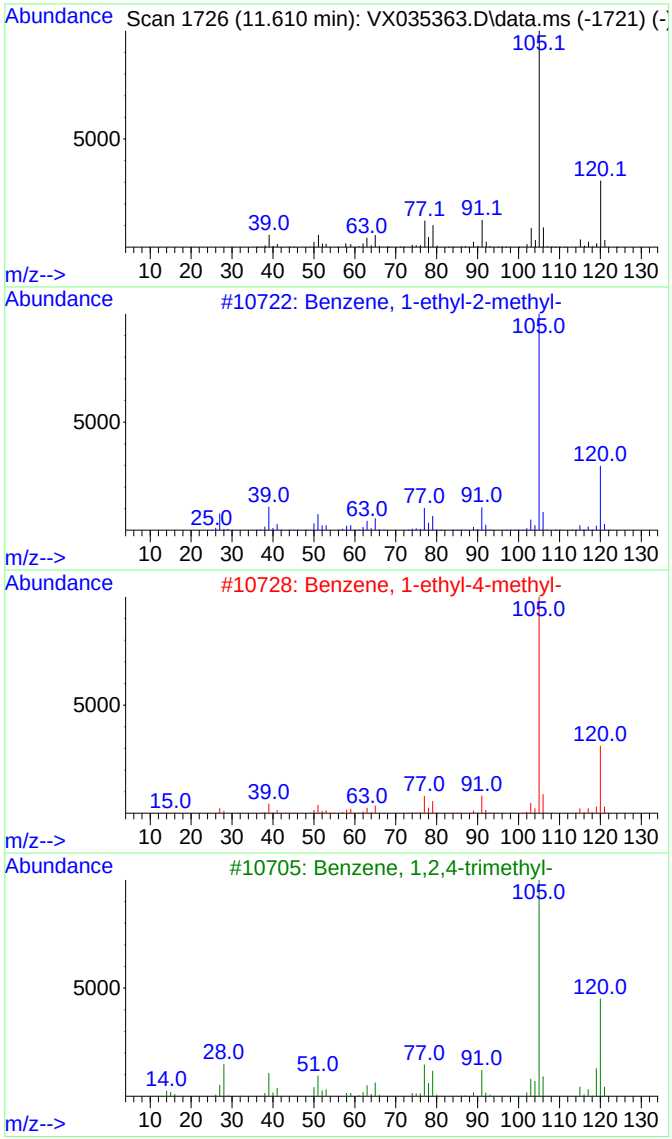
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260

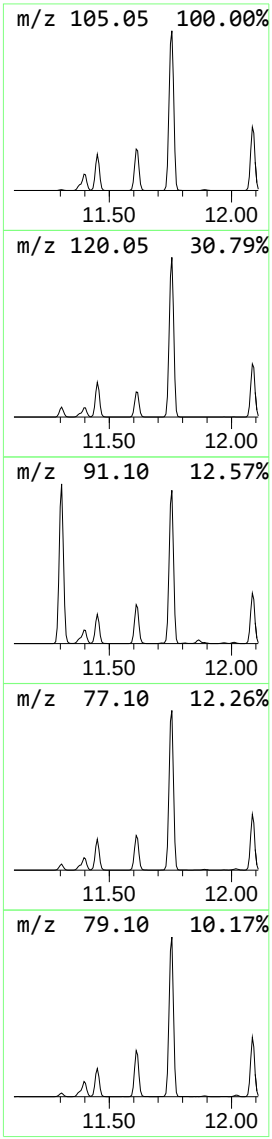
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.610	178.24 ug/l	3886890	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-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042723\
Data File : VX035363.D
Acq On : 28 Apr 2023 04:12
Operator : JC/MD
Sample : 02522-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-3

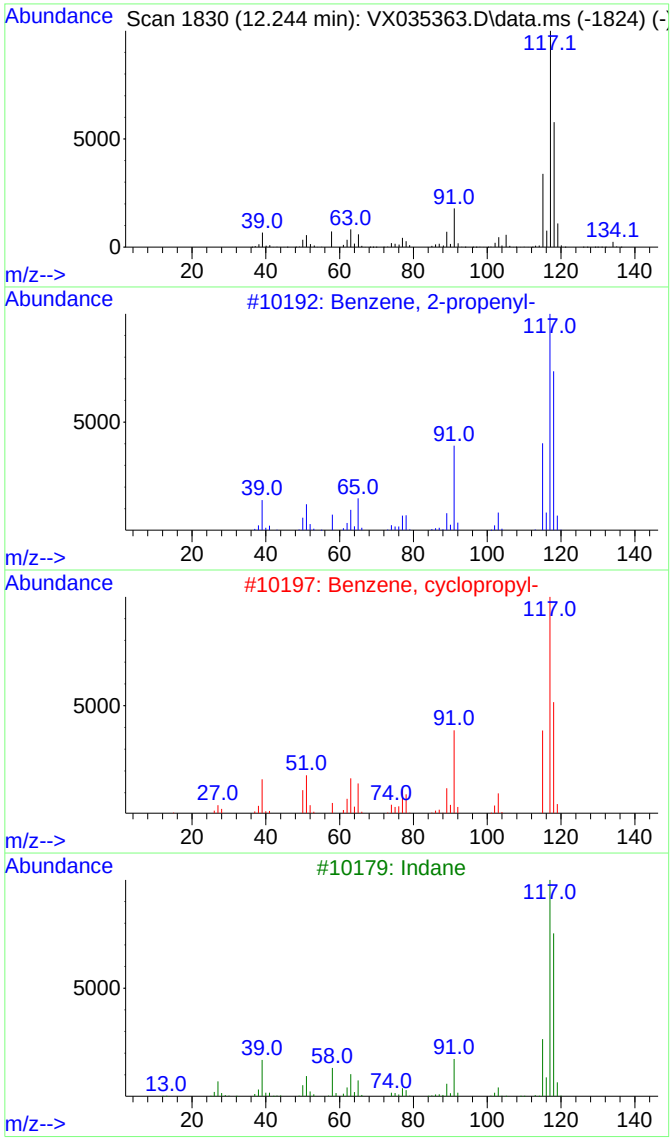
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260

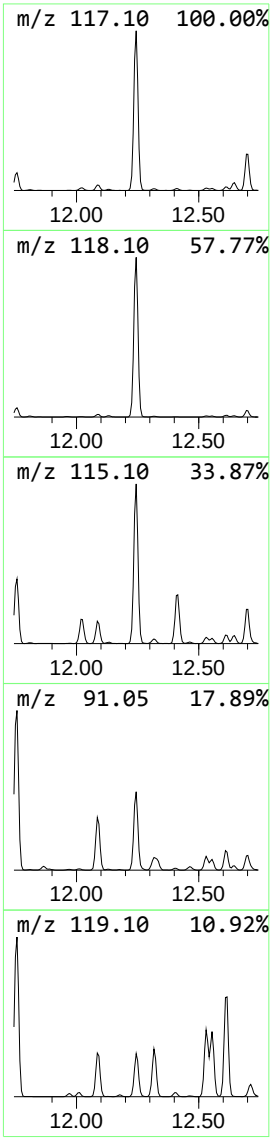
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 2-propenyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	299.68 ug/l	6534960	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	87
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
3	Indane	118	C9H10	000496-11-7	81
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	74
5	Deltacyclene	118	C9H10	007785-10-6	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042723\
Data File : VX035363.D
Acq On : 28 Apr 2023 04:12
Operator : JC/MD
Sample : 02522-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-3

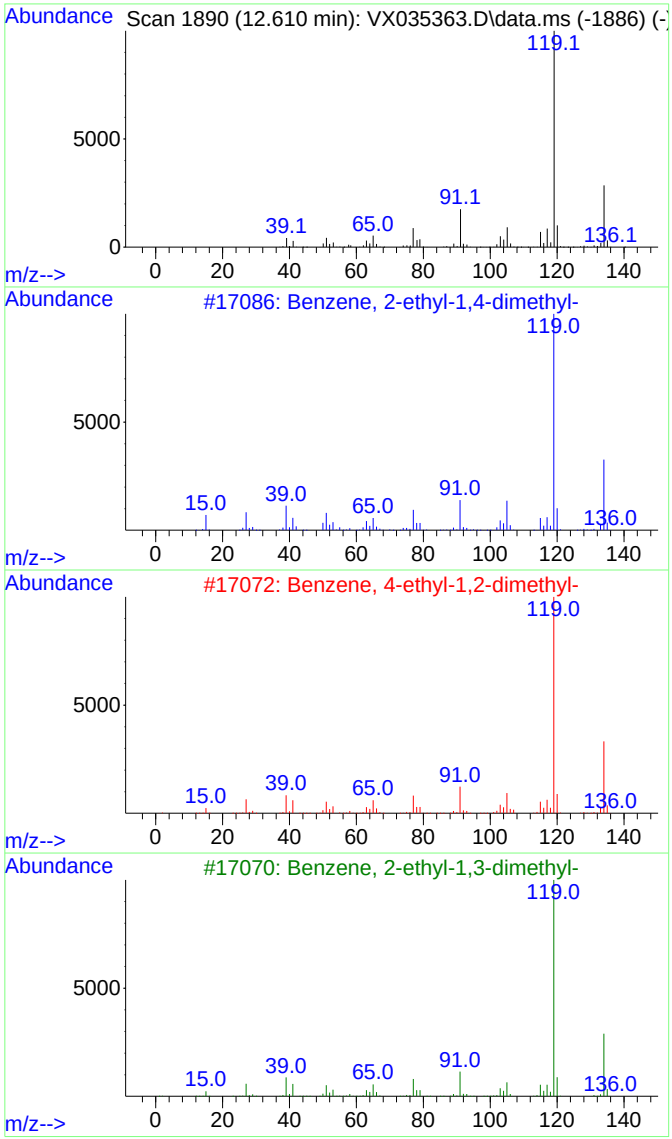
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260

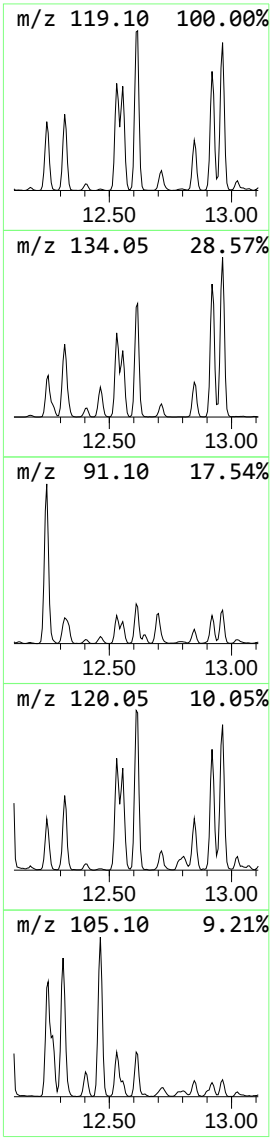
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.610	63.17 ug/l	1377570	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





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Operator : JC/MD
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ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-3

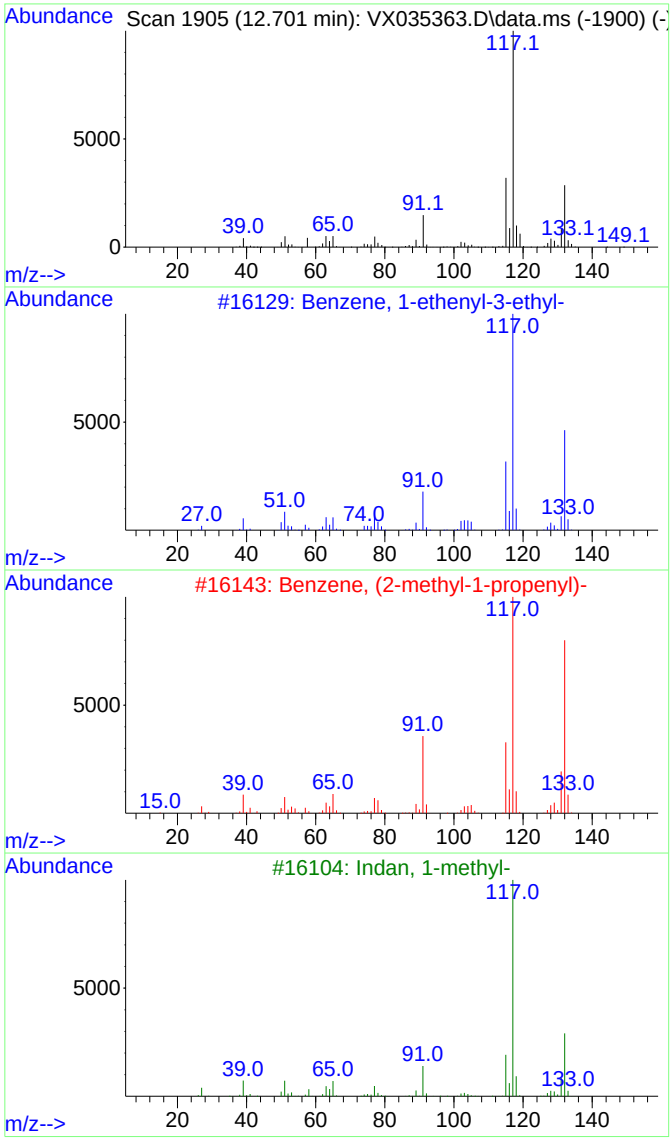
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260

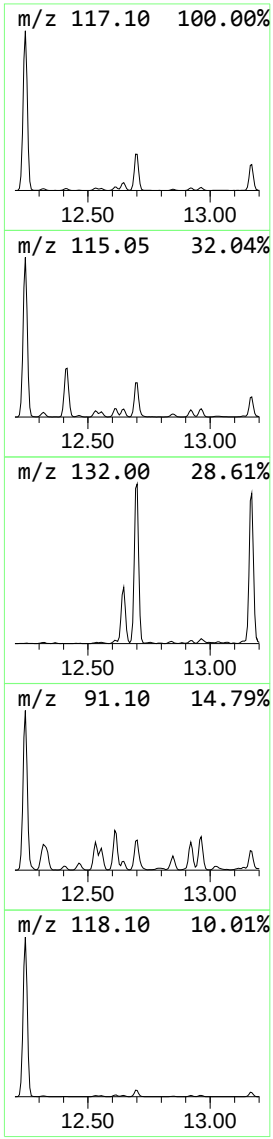
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.701	68.42 ug/l	1491980	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	87
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83





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ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-3

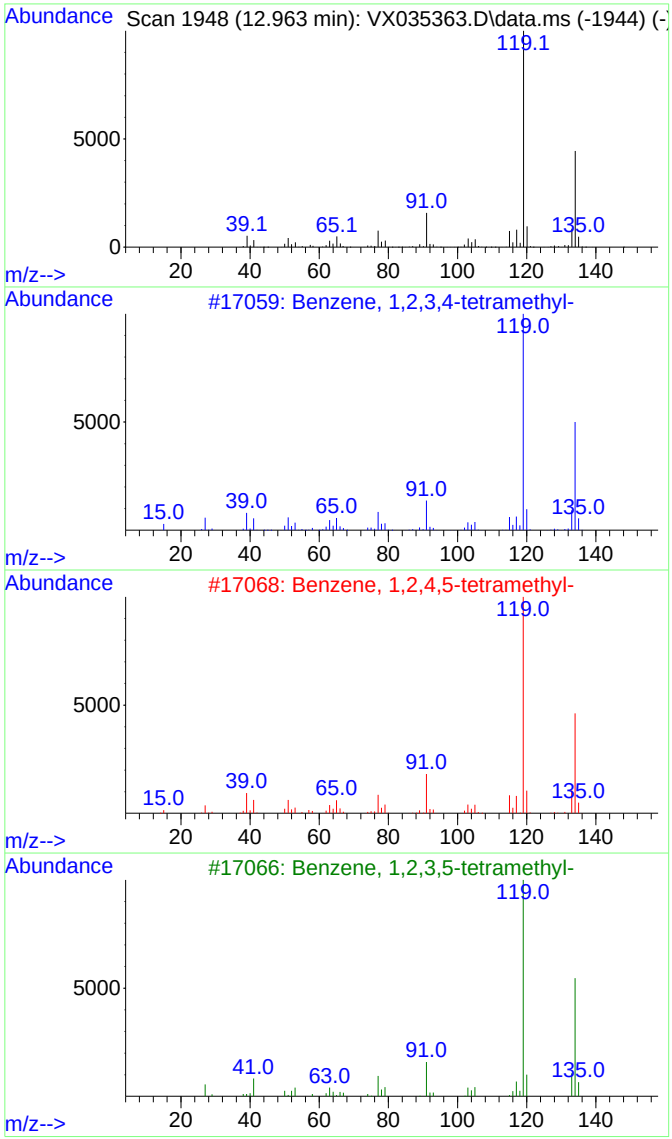
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260

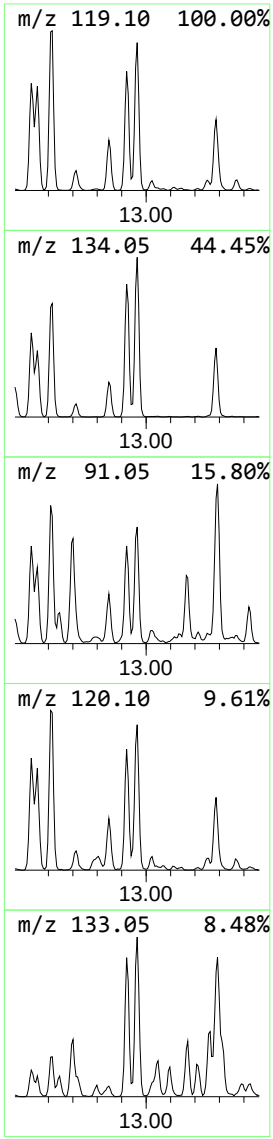
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.963	58.10 ug/l	1266950	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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Instrument :
MSVOA_X
ClientSampleId :
MW-3

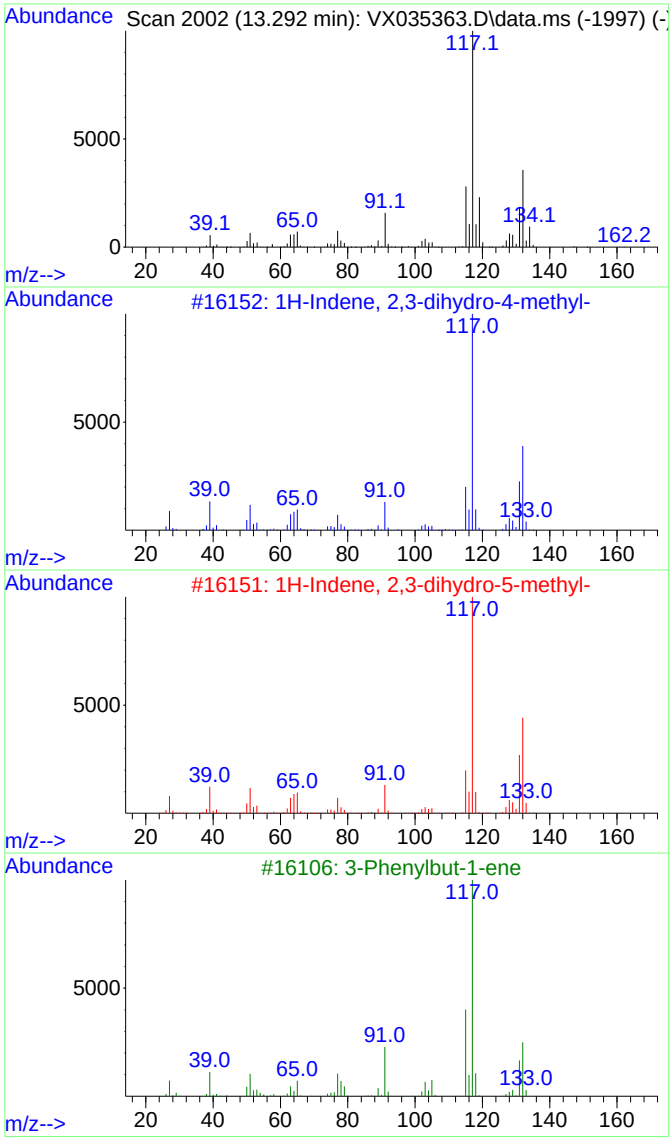
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260

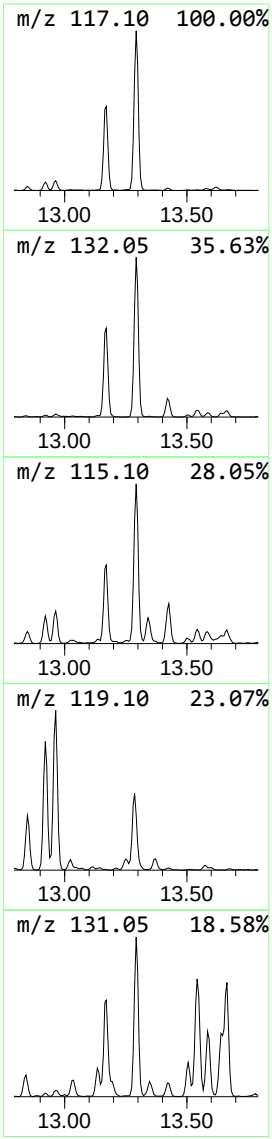
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	108.78 ug/l	2372130	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	90
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
5	Indan, 1-methyl-	132	C10H12	000767-58-8	76





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ALS Vial : 40 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-3

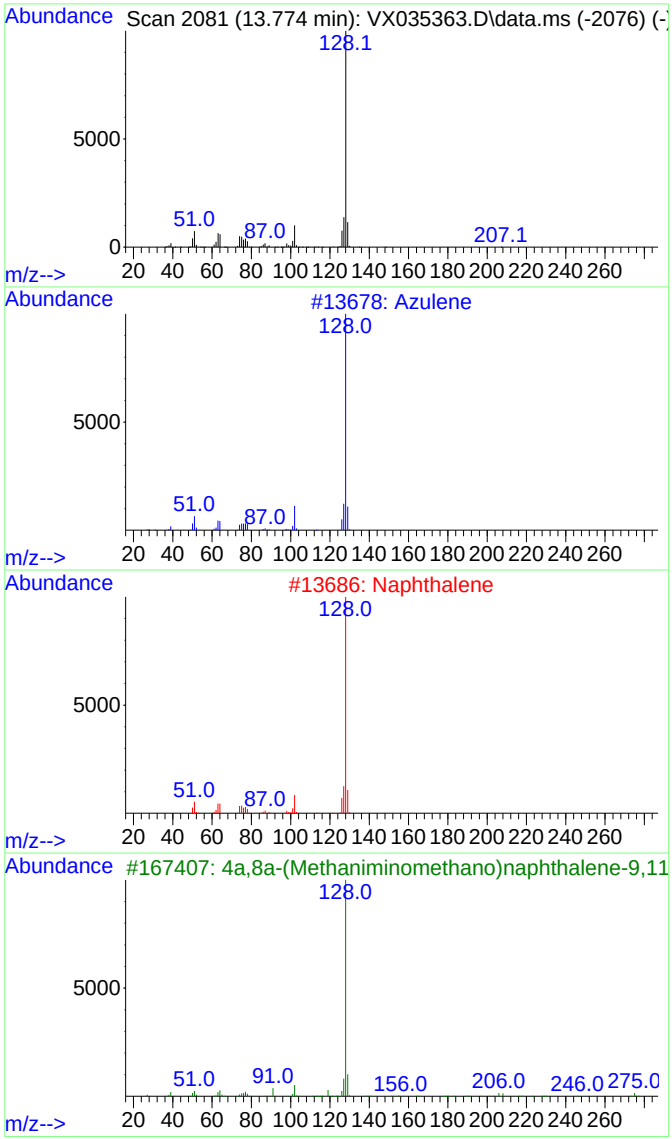
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260

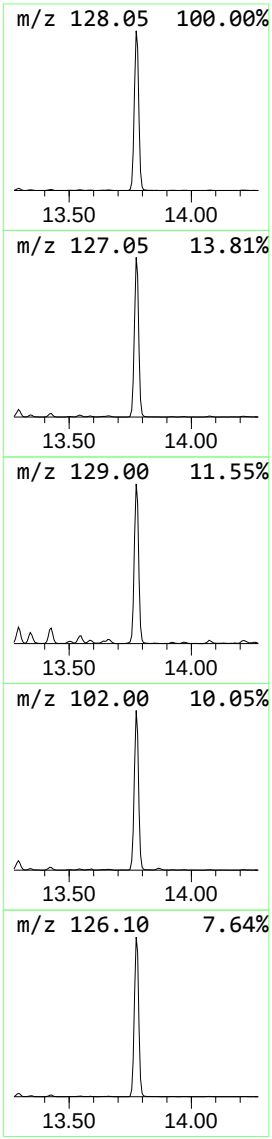
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.774	290.22 ug/l	6328700	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene	128	C10H8	000275-51-4	95
2	Naphthalene	128	C10H8	000091-20-3	95
3	4a,8a-(Methaniminomethano)naphth...	275	C18H13NO2	069915-10-2	74
4	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	50
5	1,3-Dicyanobenzene	128	C8H4N2	000626-17-5	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042723\
Data File : VX035363.D
Acq On : 28 Apr 2023 04:12
Operator : JC/MD
Sample : 02522-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-3

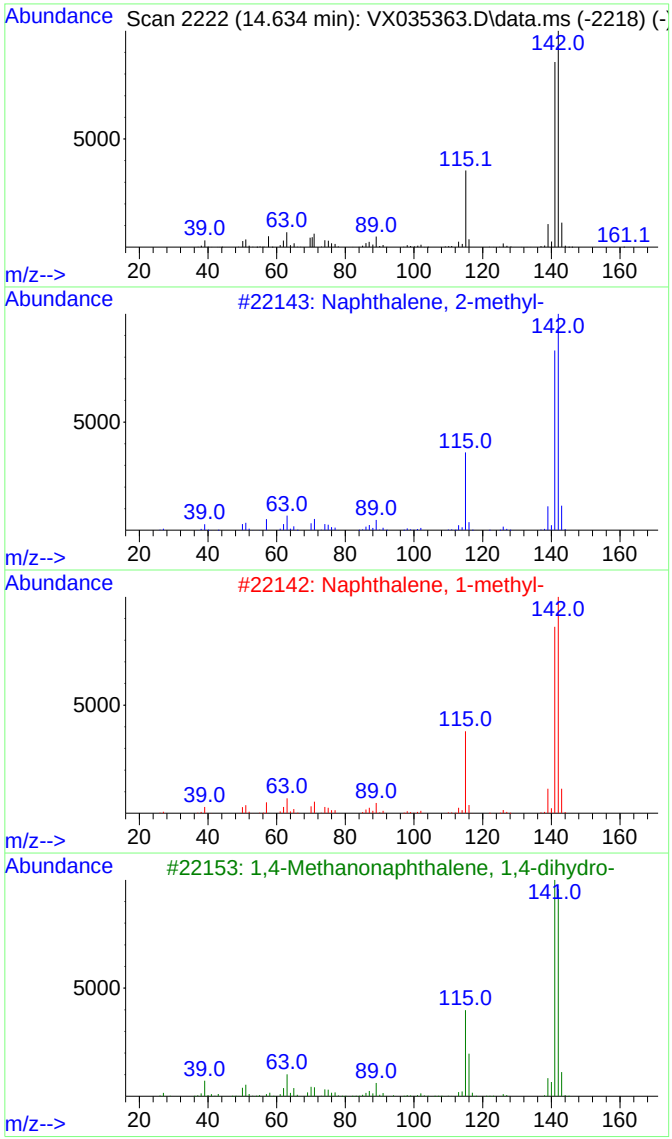
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260

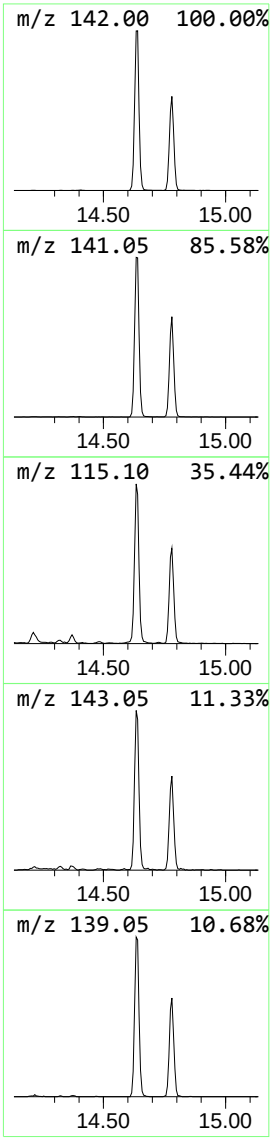
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1,4-Methanonaphthalene, 1,4... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.634	53.22 ug/l	1160470	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042723\
Data File : VX035363.D
Acq On : 28 Apr 2023 04:12
Operator : JC/MD
Sample : 02522-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-3

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
Benzene, 1-ethy...	11.396	84.5	ug/l	1843250	4	12.024	1090340	50.0
Benzene, 1-ethy...	11.610	178.2	ug/l	3886890	4	12.024	1090340	50.0
Benzene, 2-prop...	12.244	299.7	ug/l	6534960	4	12.024	1090340	50.0
Benzene, 2-ethy...	12.610	63.2	ug/l	1377570	4	12.024	1090340	50.0
Benzene, 1-ethe...	12.701	68.4	ug/l	1491980	4	12.024	1090340	50.0
Benzene, 1,2,3,...	12.963	58.1	ug/l	1266950	4	12.024	1090340	50.0
1H-Indene, 2,3-...	13.292	108.8	ug/l	2372130	4	12.024	1090340	50.0
Azulene	13.774	290.2	ug/l	6328700	4	12.024	1090340	50.0
1,4-Methanonaph...	14.634	53.2	ug/l	1160470	4	12.024	1090340	50.0