LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020224\
Data File : VX040084.D
Acq On : 02 Feb 2024 14:07
Operator : JC/MD
Sample : P1342-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MR-323P-GW-20240131-1

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\82X013024W.M
Title : SW846 8260

Signal : TIC: VX040084.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.385	693	705	713	rBV	58623	168306	1.02%	0.181%
2	5.550	725	732	741	rVB	85366	215692	1.31%	0.232%
3	5.958	789	799	806	rBV	68953	175190	1.06%	0.188%
4	6.763	921	931	940	rBV	158154	394951	2.39%	0.425%
5	7.379	1020	1032	1043	rVB3	70693	189795	1.15%	0.204%
6	8.110	1142	1152	1155	rBV	105891	230230	1.39%	0.248%
7	8.647	1235	1240	1248	rVB	332879	548347	3.32%	0.590%
8	10.055	1466	1471	1476	rBV	337006	473187	2.86%	0.509%
9	10.195	1488	1494	1503	rVV	5729712	7316660	44.29%	7.866%
10	10.299	1504	1511	1517	rVB	125824	208238	1.26%	0.224%
11	10.963	1614	1620	1627	rBV	1485944	1885066	11.41%	2.027%
12	11.079	1634	1639	1645	rBV	301577	392952	2.38%	0.422%
13	11.305	1667	1676	1683	rBV	4329822	5292082	32.03%	5.690%
14	11.378	1683	1688	1695	rVV	941527	1410843	8.54%	1.517%
15	11.451	1695	1700	1708	rVB	2241685	2644246	16.00%	2.843%
16	11.610	1721	1726	1736	rBV	1818979	2300443	13.92%	2.473%
17	11.756	1744	1750	1755	rVB	13962588	16521533	100.00%	17.762%
18	11.866	1763	1768	1770	rBV	154317	205941	1.25%	0.221%
19	11.890	1770	1772	1780	rVB	206292	222414	1.35%	0.239%
20	11.969	1781	1785	1789	rBV	193130	242239	1.47%	0.260%
21	12.018	1789	1793	1799	rVB2	440668	629807	3.81%	0.677%
22	12.091	1799	1805	1809	rBV	6427281	7679837	46.48%	8.257%
23	12.244	1824	1830	1838	rBV	7837641	10284976	62.25%	11.057%
24	12.317	1838	1842	1849	rVB3	1221500	1843126	11.16%	1.982%
25	12.408	1852	1857	1862	rBV2	337547	459001	2.78%	0.493%
26	12.463	1862	1866	1872	rVB	562157	713009	4.32%	0.767%
27	12.530	1872	1877	1880	rBV	1224506	1663310	10.07%	1.788%
28	12.555	1880	1881	1886	rVB	698313	528313	3.20%	0.568%
29	12.615	1886	1891	1894	rBV	2502444	3040759	18.40%	3.269%
30	12.646	1894	1896	1900	rVB	603345	604136	3.66%	0.650%
31	12.701	1900	1905	1912	rBV2	1981794	2719139	16.46%	2.923%
32	12.847	1924	1929	1934	rVB	564220	686135	4.15%	0.738%
33	12.920	1934	1941	1945	rBV	1649667	2025672	12.26%	2.178%
34	12.963	1945	1948	1953	rVB	1735689	1930387	11.68%	2.075%
35	13.170	1977	1982	1987	rVB	1726069	2055769	12.44%	2.210%
36	13.292	1997	2002	2007	rVB2	2935831	3914248	23.69%	4.208%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020224\
Data File : VX040084.D
Acq On : 02 Feb 2024 14:07
Operator : JC/MD
Sample : P1342-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MR-323P-GW-20240131-1

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\82X013024W.M
Title : SW846 8260

37	13.341	2007	2010	2013	rBV3	181689	203009	1.23%	0.218%
38	13.420	2019	2023	2030	rVB	556349	713765	4.32%	0.767%
39	13.506	2031	2037	2040	rBV	134430	192536	1.17%	0.207%
40	13.542	2040	2043	2046	rVV	309591	380864	2.31%	0.409%
41	13.585	2046	2050	2055	rVB3	253143	426467	2.58%	0.458%
42	13.664	2060	2063	2069	rVB2	291519	438022	2.65%	0.471%
43	13.774	2074	2081	2091	rBV	4206948	5275859	31.93%	5.672%
44	13.926	2100	2106	2110	rBV2	139279	192293	1.16%	0.207%
45	14.073	2125	2130	2136	rBV	204648	261906	1.59%	0.282%
46	14.213	2148	2153	2159	rBV2	188540	334043	2.02%	0.359%
47	14.633	2211	2222	2233	rVB	1313825	1703190	10.31%	1.831%
48	14.780	2241	2246	2254	rBV	850912	1076037	6.51%	1.157%

Sum of corrected areas: 93013970

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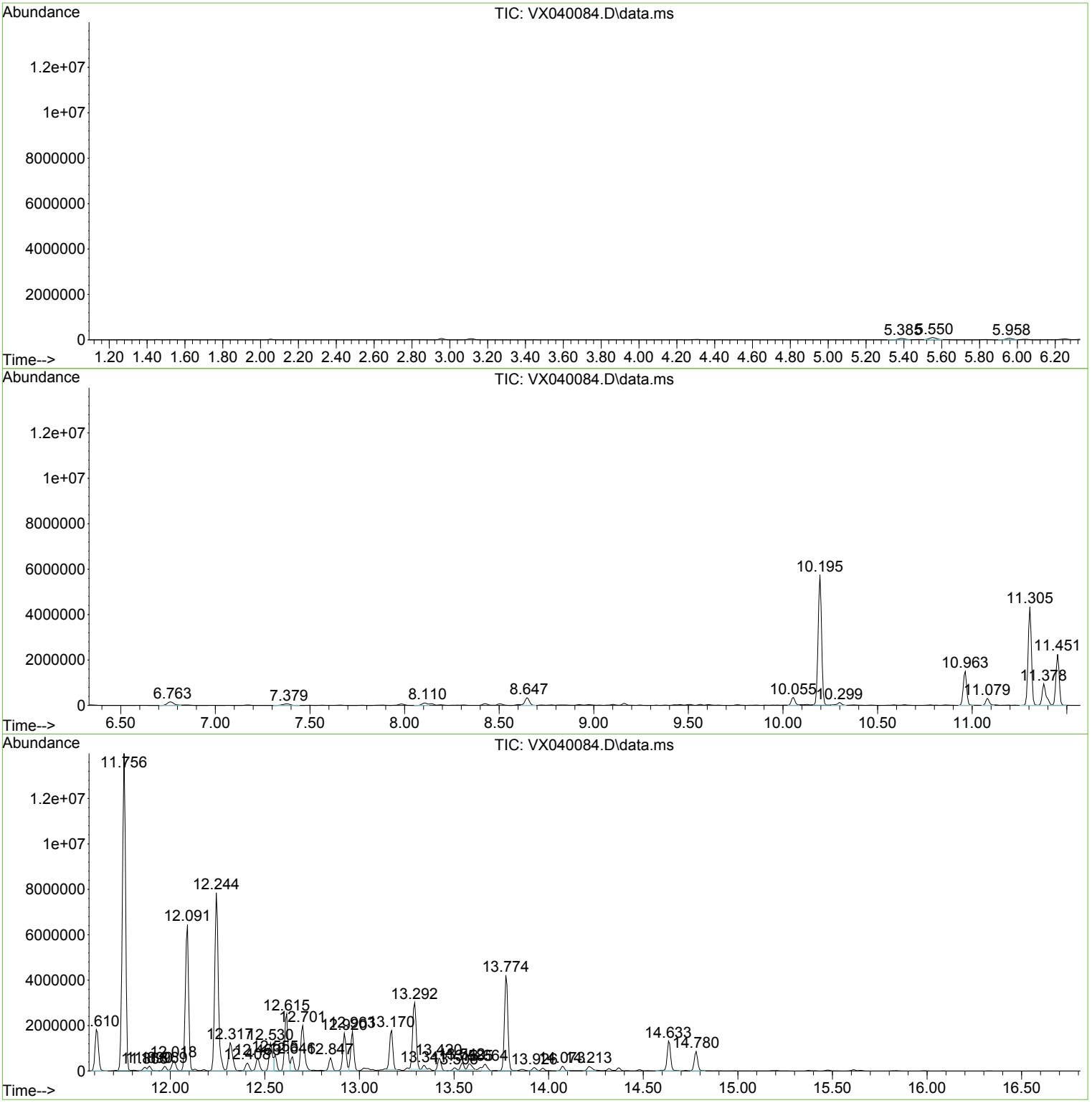
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MR-323P-GW-20240131-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020224\
Data File : VX040084.D
Acq On : 02 Feb 2024 14:07
Operator : JC/MD
Sample : P1342-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MR-323P-GW-20240131-1

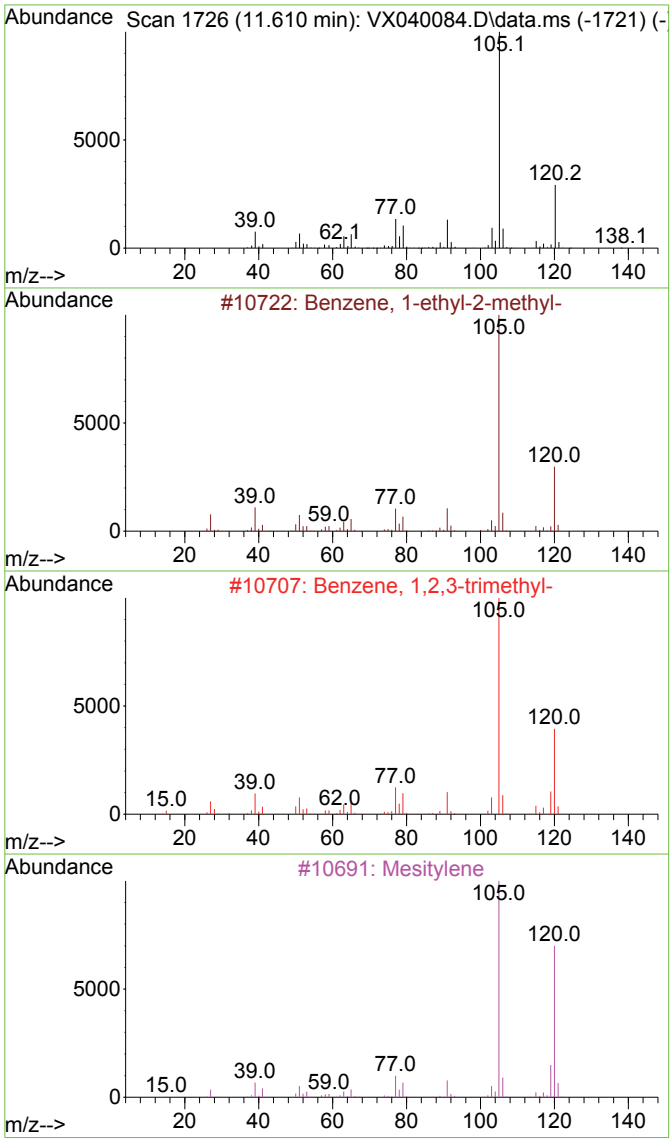
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260

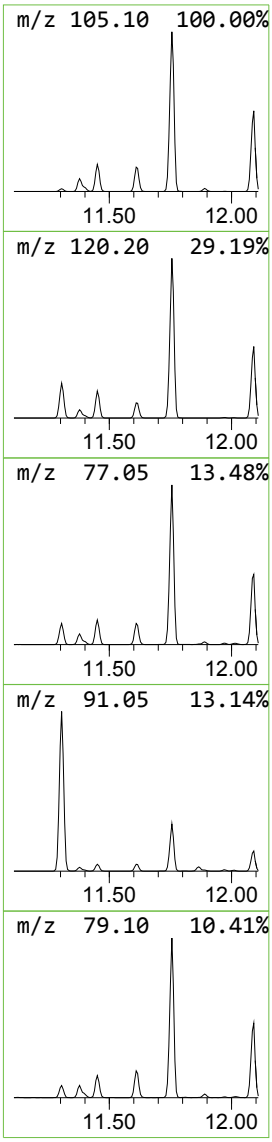
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.610	182.63 ug/l	2300440	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	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020224\
Data File : VX040084.D
Acq On : 02 Feb 2024 14:07
Operator : JC/MD
Sample : P1342-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MR-323P-GW-20240131-1

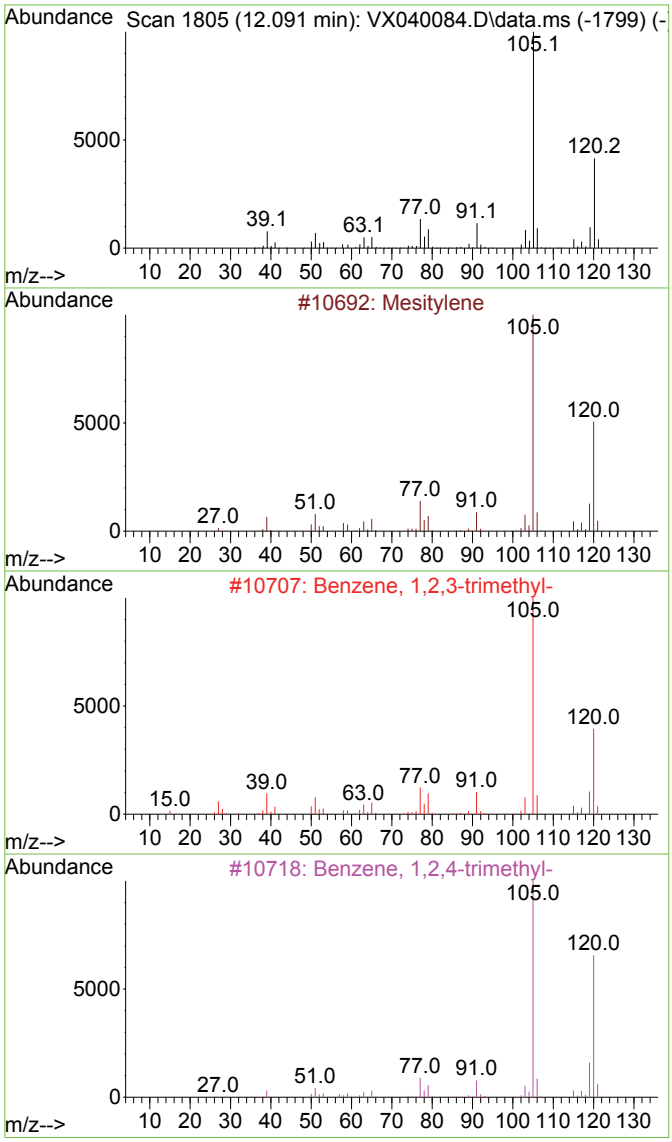
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260

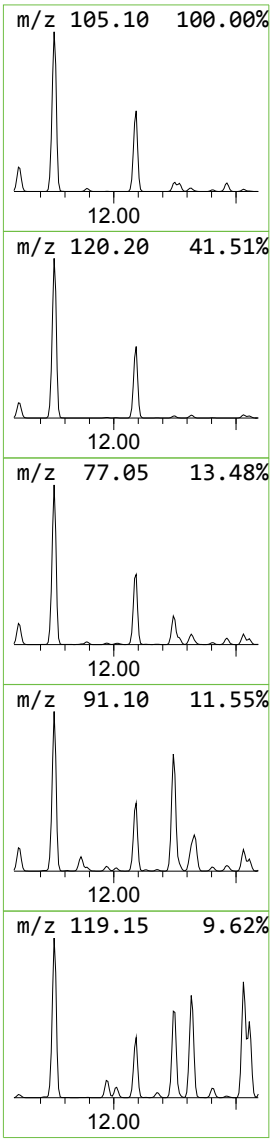
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.091	609.70 ug/l	7679840	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020224\
Data File : VX040084.D
Acq On : 02 Feb 2024 14:07
Operator : JC/MD
Sample : P1342-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MR-323P-GW-20240131-1

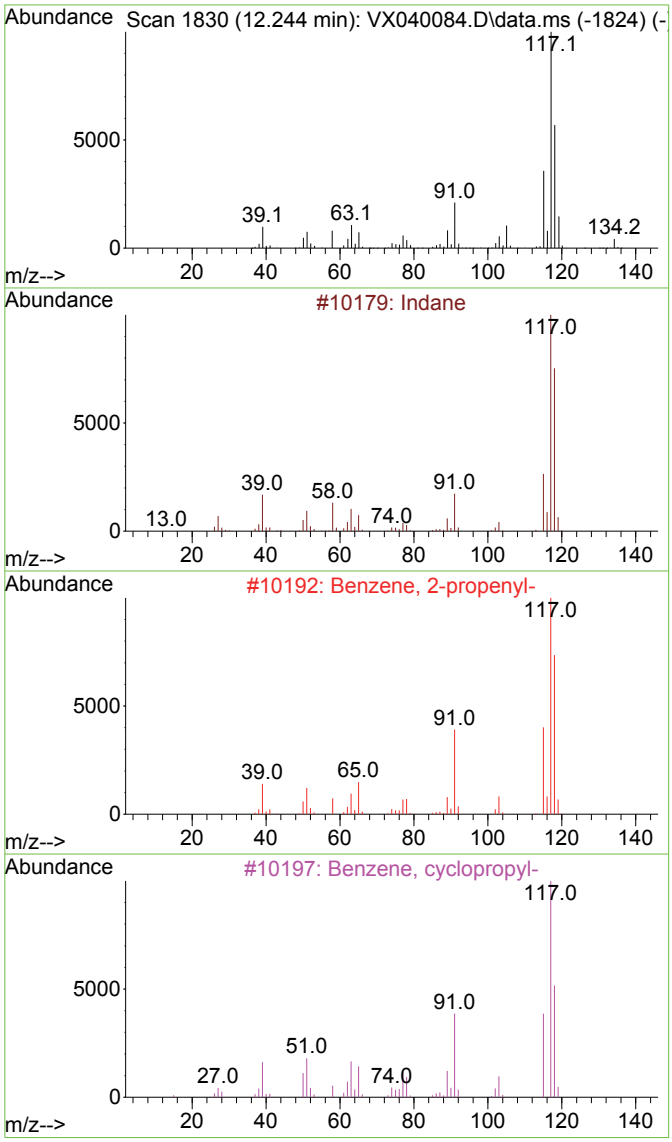
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260

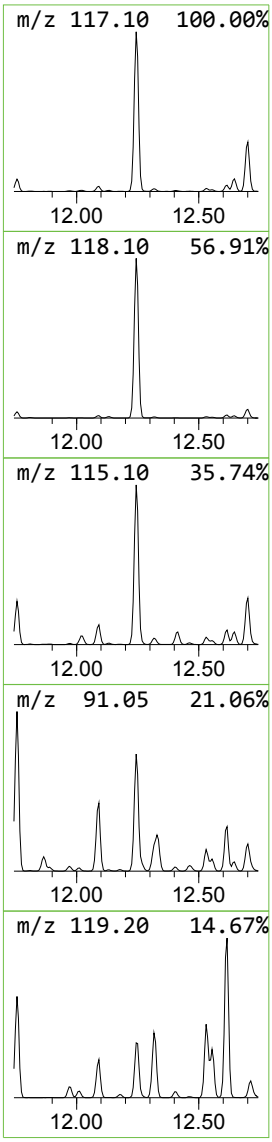
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	816.52 ug/l	10285000	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	76
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
4	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	55
5	Deltacyclene	118	C9H10	007785-10-6	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020224\
Data File : VX040084.D
Acq On : 02 Feb 2024 14:07
Operator : JC/MD
Sample : P1342-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MR-323P-GW-20240131-1

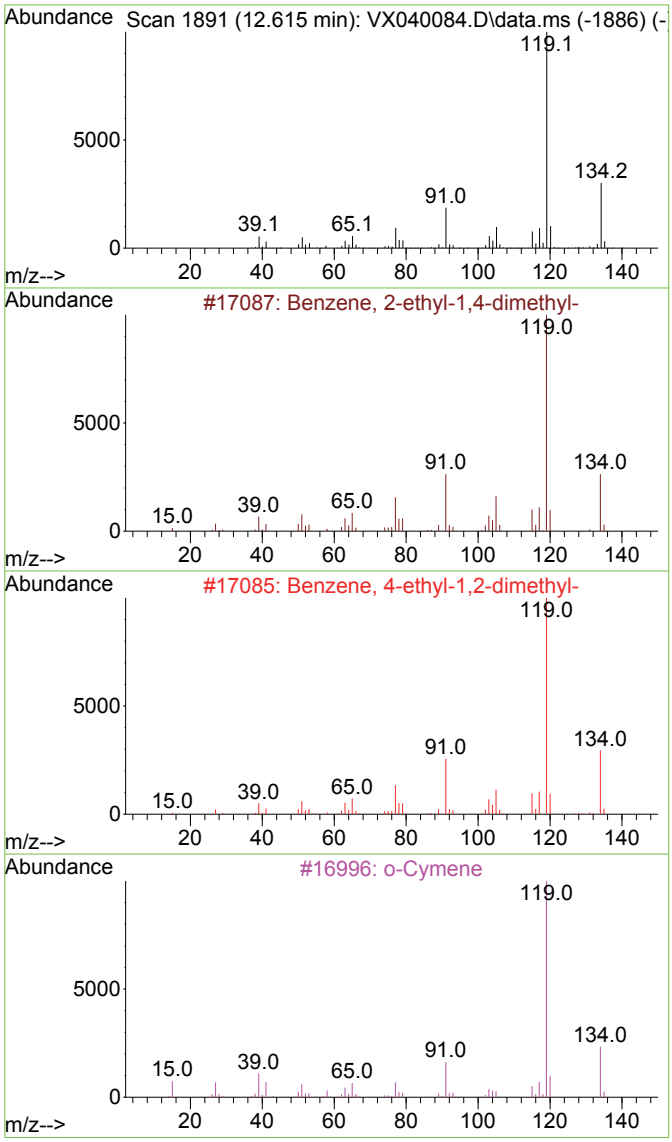
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260

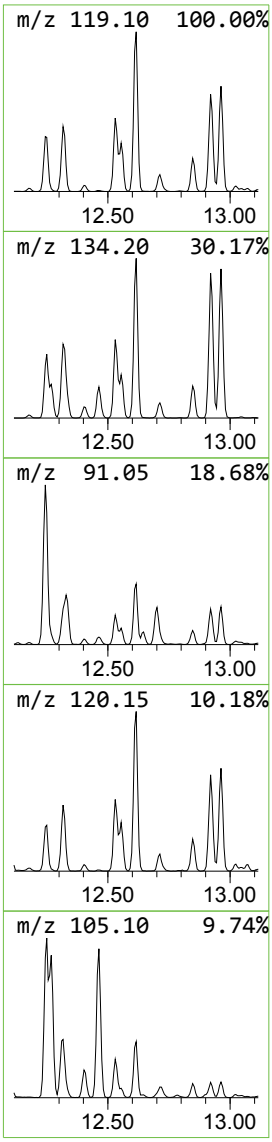
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.616	241.40 ug/l	3040760	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	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020224\
Data File : VX040084.D
Acq On : 02 Feb 2024 14:07
Operator : JC/MD
Sample : P1342-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MR-323P-GW-20240131-1

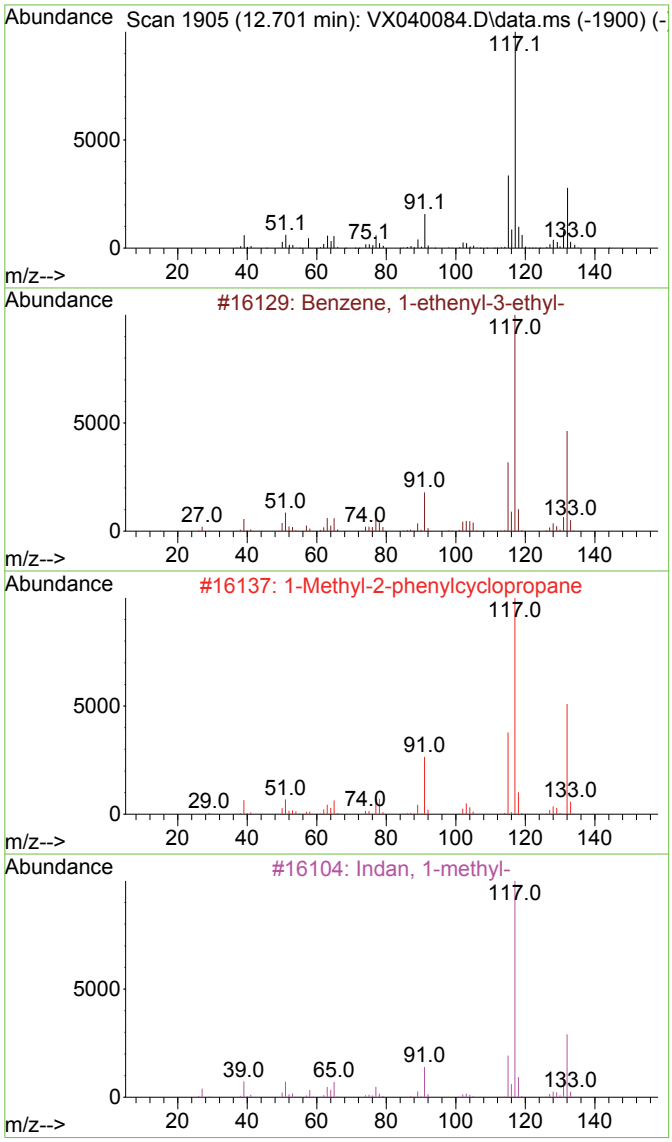
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260

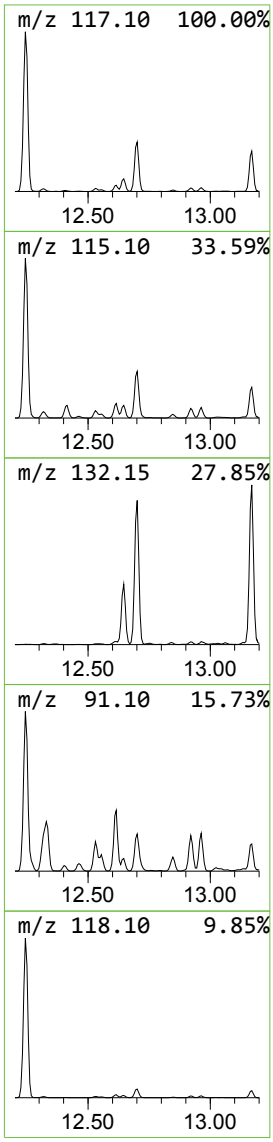
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.701	215.87 ug/l	2719140	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	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	87
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	83
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020224\
Data File : VX040084.D
Acq On : 02 Feb 2024 14:07
Operator : JC/MD
Sample : P1342-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MR-323P-GW-20240131-1

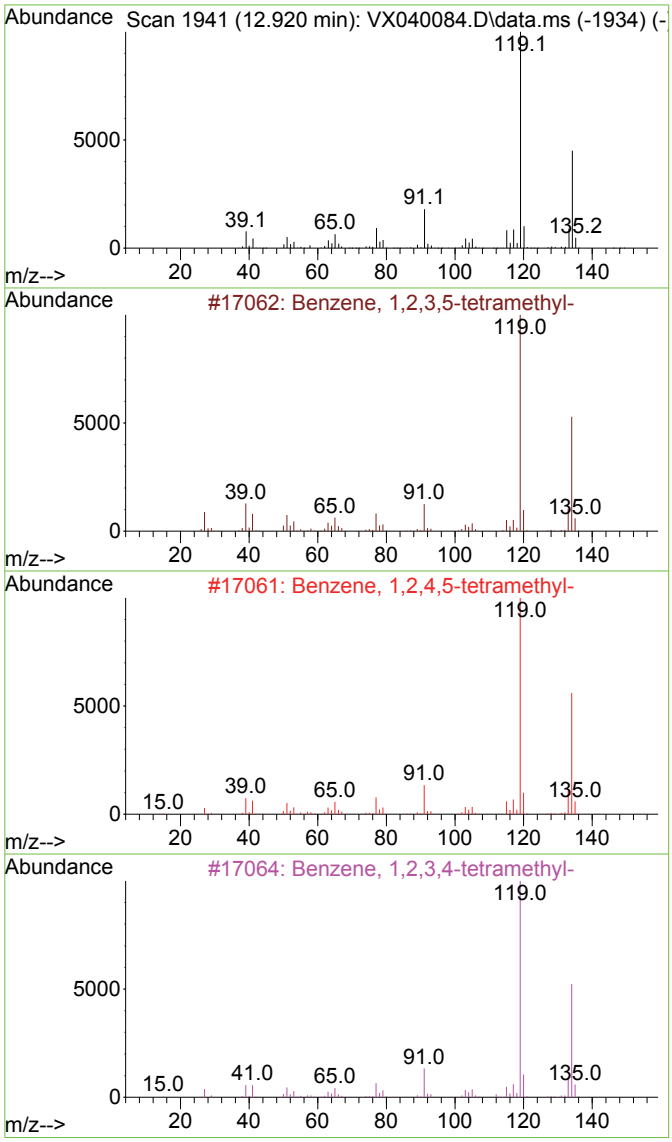
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260

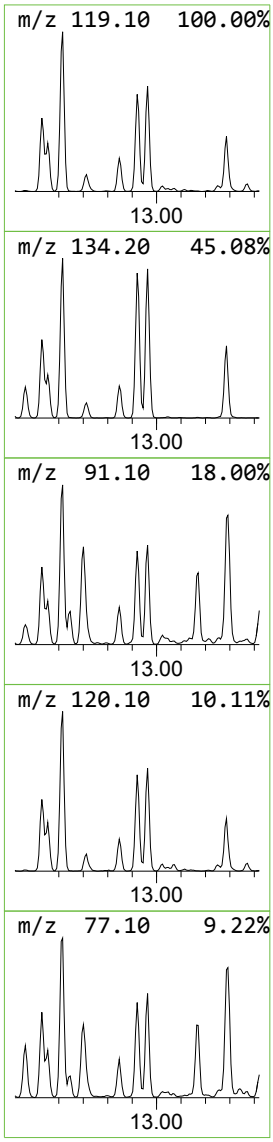
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.920	160.82 ug/l	2025670	1,4-Dichlorobenzene-d4	12.024

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020224\
Data File : VX040084.D
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Operator : JC/MD
Sample : P1342-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MR-323P-GW-20240131-1

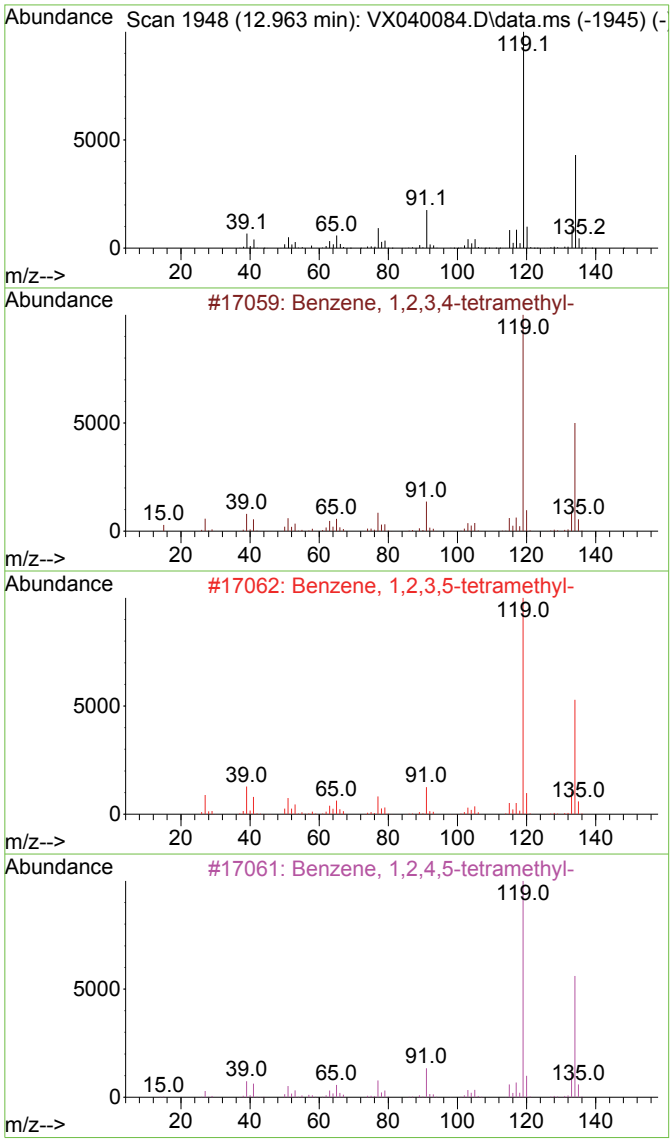
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260

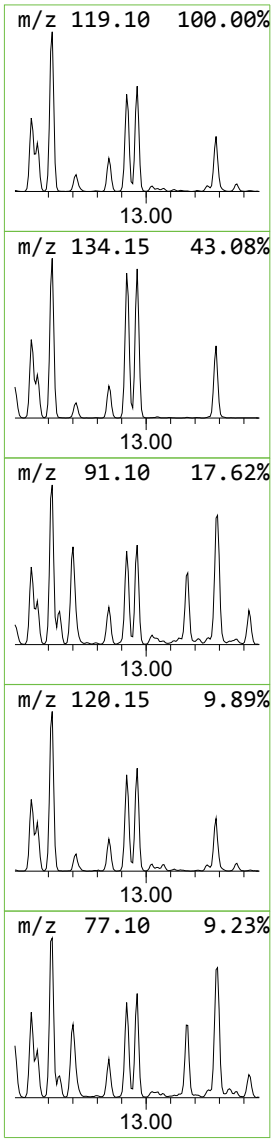
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.963	153.25 ug/l	1930390	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	95
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020224\
Data File : VX040084.D
Acq On : 02 Feb 2024 14:07
Operator : JC/MD
Sample : P1342-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MR-323P-GW-20240131-1

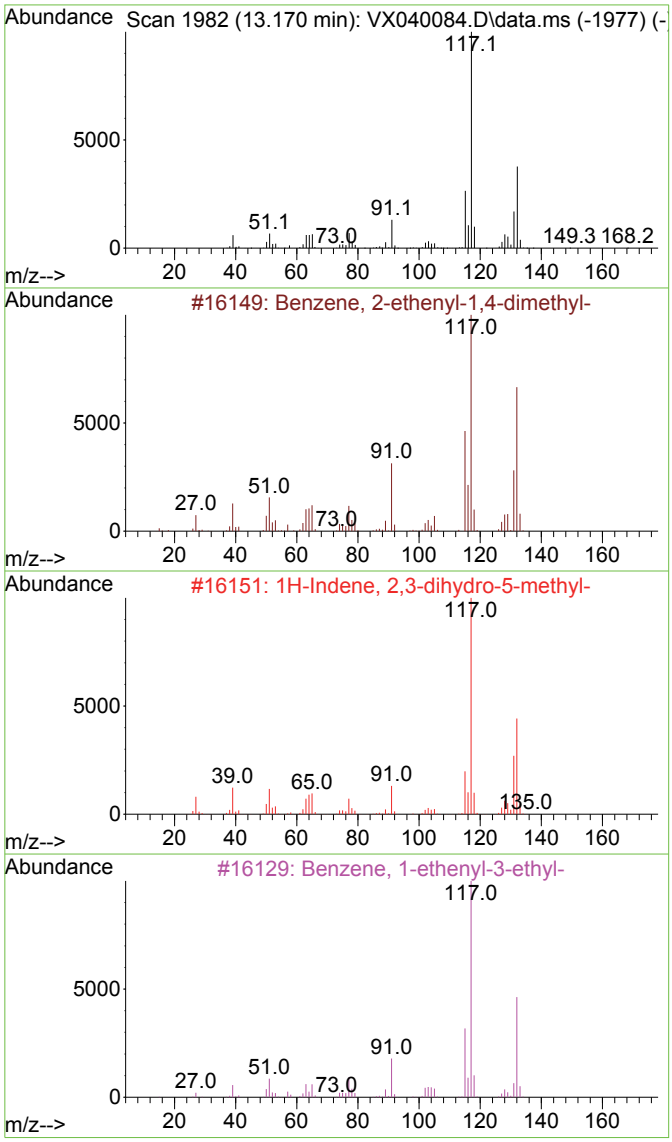
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260

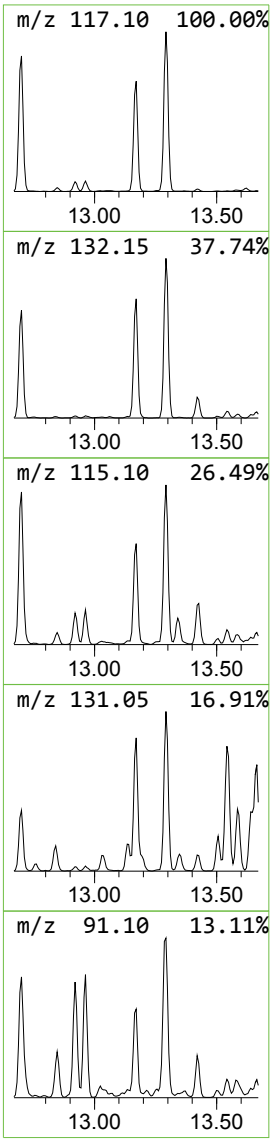
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.170	163.21 ug/l	2055770	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020224\
Data File : VX040084.D
Acq On : 02 Feb 2024 14:07
Operator : JC/MD
Sample : P1342-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MR-323P-GW-20240131-1

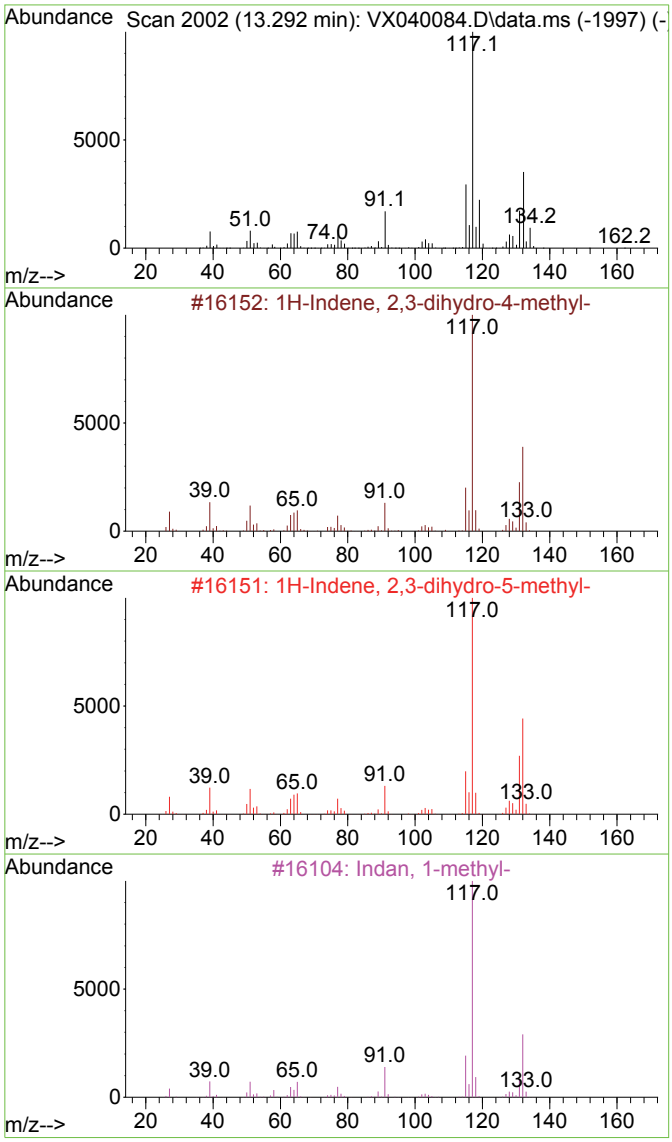
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260

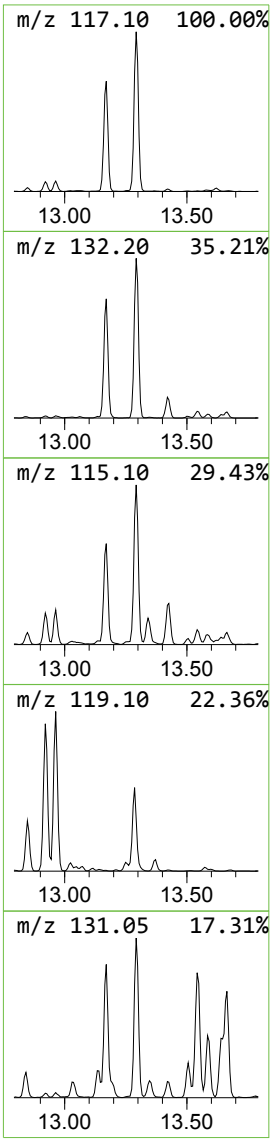
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	310.75 ug/l	3914250	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	94
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
3	Indan, 1-methyl-	132	C10H12	000767-58-8	81
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020224\
Data File : VX040084.D
Acq On : 02 Feb 2024 14:07
Operator : JC/MD
Sample : P1342-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MR-323P-GW-20240131-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260

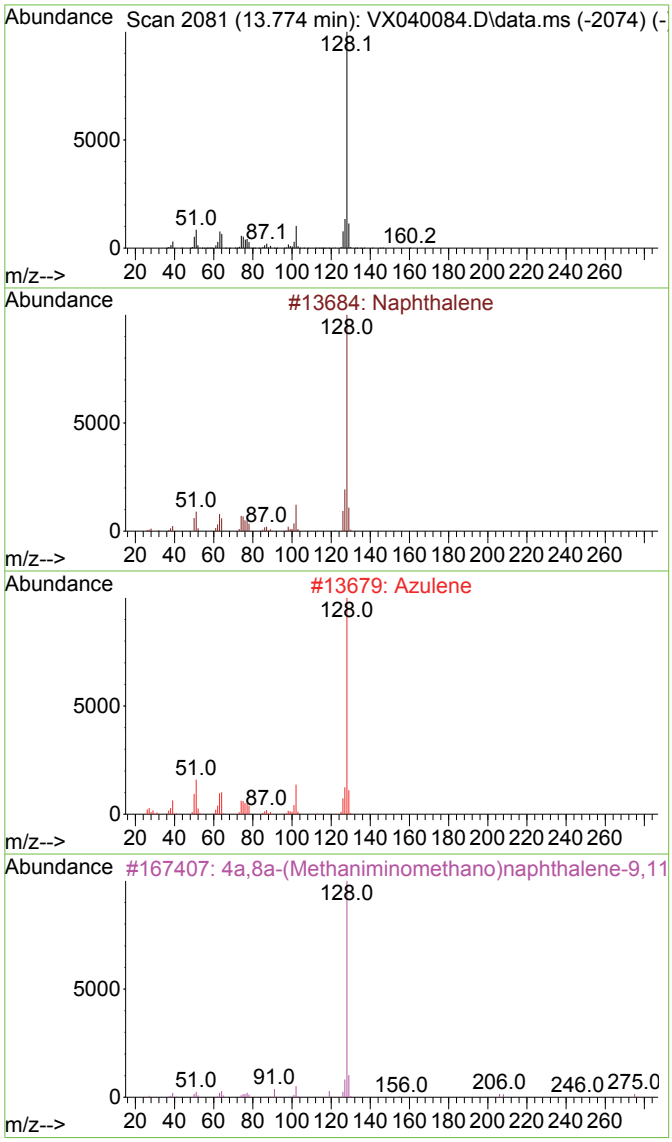
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

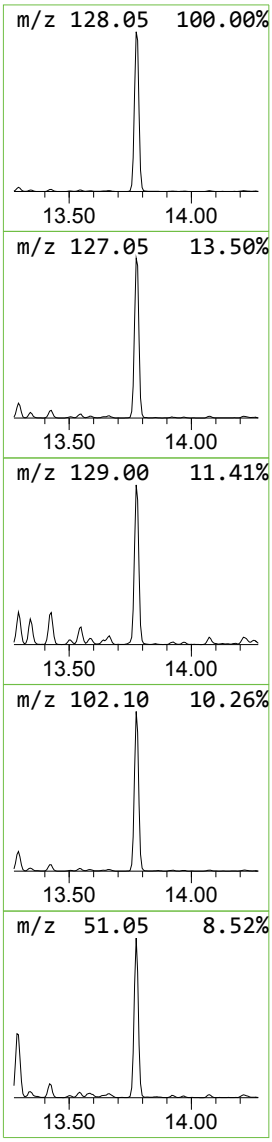
****

Peak Number 10 Azulene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.774	418.85 ug/l	5275860	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	4a,8a-(Methaniminomethano)naphth...	275	C18H13NO2	069915-10-2	74
4	4-Phenylbut-3-ene-1-yne	128	C10H8	1000222-12-0	72
5	1,3-Dicyanobenzene	128	C8H4N2	000626-17-5	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020224\
Data File : VX040084.D
Acq On : 02 Feb 2024 14:07
Operator : JC/MD
Sample : P1342-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MR-323P-GW-20240131-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.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...	11.610	182.6	ug/l	2300440	4	12.024	629807	50.0
Benzene, 1,2,3-...	12.091	609.7	ug/l	7679840	4	12.024	629807	50.0
Indane	12.244	816.5	ug/l	10285000	4	12.024	629807	50.0
Benzene, 2-ethy...	12.616	241.4	ug/l	3040760	4	12.024	629807	50.0
Benzene, 1-ethe...	12.701	215.9	ug/l	2719140	4	12.024	629807	50.0
Benzene, 1,2,3,...	12.920	160.8	ug/l	2025670	4	12.024	629807	50.0
Benzene, 1,2,3,...	12.963	153.3	ug/l	1930390	4	12.024	629807	50.0
Benzene, 2-ethe...	13.170	163.2	ug/l	2055770	4	12.024	629807	50.0
1H-Indene, 2,3-...	13.292	310.8	ug/l	3914250	4	12.024	629807	50.0
Azulene	13.774	418.9	ug/l	5275860	4	12.024	629807	50.0