LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020224\
Data File : VX040083.D
Acq On : 02 Feb 2024 13:44
Operator : JC/MD
Sample : P1342-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MR-323P-GW-20240131-0

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: VX040083.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.556	724	733	760	rVB2	88076	297041	1.77%	0.310%
2	6.763	922	931	940	rBV	150513	374184	2.23%	0.390%
3	8.110	1142	1152	1155	rBV	92043	199929	1.19%	0.208%
4	8.647	1235	1240	1248	rVB	334977	538581	3.20%	0.562%
5	10.055	1466	1471	1476	rBV	347284	467417	2.78%	0.487%
6	10.195	1488	1494	1504	rVV	6017820	7757838	46.14%	8.089%
7	10.299	1504	1511	1517	rVB	141565	232770	1.38%	0.243%
8	10.963	1614	1620	1628	rBV	1505873	1863719	11.09%	1.943%
9	11.079	1634	1639	1645	rBV	281682	365131	2.17%	0.381%
10	11.305	1668	1676	1683	rBV	4251962	5150781	30.64%	5.371%
11	11.378	1683	1688	1695	rVV	1073138	1596092	9.49%	1.664%
12	11.451	1695	1700	1711	rVB	2540972	3019303	17.96%	3.148%
13	11.610	1721	1726	1736	rBV	1770040	2229481	13.26%	2.325%
14	11.756	1744	1750	1755	rBV	14197213	16812776	100.00%	17.531%
15	11.866	1763	1768	1770	rBV	133638	179448	1.07%	0.187%
16	11.890	1770	1772	1780	rVB	179428	198169	1.18%	0.207%
17	11.969	1780	1785	1789	rBV	181648	228973	1.36%	0.239%
18	12.018	1789	1793	1799	rVB2	411466	566660	3.37%	0.591%
19	12.091	1799	1805	1809	rBV	6226810	7629038	45.38%	7.955%
20	12.244	1824	1830	1838	rBV	7827444	10203289	60.69%	10.639%
21	12.317	1838	1842	1849	rVB2	1309545	1927682	11.47%	2.010%
22	12.408	1852	1857	1862	rBV2	352351	468430	2.79%	0.488%
23	12.463	1862	1866	1872	rVB	603764	743671	4.42%	0.775%
24	12.530	1872	1877	1880	rBV	1307182	1806851	10.75%	1.884%
25	12.555	1880	1881	1886	rVB	768782	582442	3.46%	0.607%
26	12.615	1886	1891	1894	rBV	2346906	2893723	17.21%	3.017%
27	12.646	1894	1896	1900	rVB	563050	566835	3.37%	0.591%
28	12.701	1900	1905	1913	rBV2	1974594	2669732	15.88%	2.784%
29	12.847	1924	1929	1934	rVB	595775	706612	4.20%	0.737%
30	12.920	1934	1941	1945	rBV	1646298	2005555	11.93%	2.091%
31	12.963	1945	1948	1954	rVB	1736262	1990414	11.84%	2.075%
32	13.170	1978	1982	1987	rVB	1736092	2055159	12.22%	2.143%
33	13.292	1997	2002	2007	rVB2	3179245	4068279	24.20%	4.242%
34	13.341	2007	2010	2013	rBV3	203036	212468	1.26%	0.222%
35	13.420	2019	2023	2030	rVB	629892	830278	4.94%	0.866%
36	13.506	2031	2037	2040	rBV2	164937	232570	1.38%	0.243%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020224\
Data File : VX040083.D
Acq On : 02 Feb 2024 13:44
Operator : JC/MD
Sample : P1342-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MR-323P-GW-20240131-0

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	13.542	2040	2043	2046	rVV	364973	457937	2.72%	0.478%
38	13.585	2046	2050	2055	rVB3	305396	514275	3.06%	0.536%
39	13.664	2060	2063	2069	rVB2	353042	535386	3.18%	0.558%
40	13.774	2074	2081	2091	rBV	5075041	6446226	38.34%	6.722%
41	13.926	2100	2106	2110	rBV2	170855	240951	1.43%	0.251%
42	14.073	2126	2130	2136	rBV	254925	325984	1.94%	0.340%
43	14.213	2149	2153	2159	rBV2	226929	407325	2.42%	0.425%
44	14.371	2176	2179	2183	rVB	161938	191660	1.14%	0.200%
45	14.633	2218	2222	2233	rVB	1527698	1906176	11.34%	1.988%
46	14.780	2240	2246	2251	rBV	968383	1203463	7.16%	1.255%

Sum of corrected areas: 95900704

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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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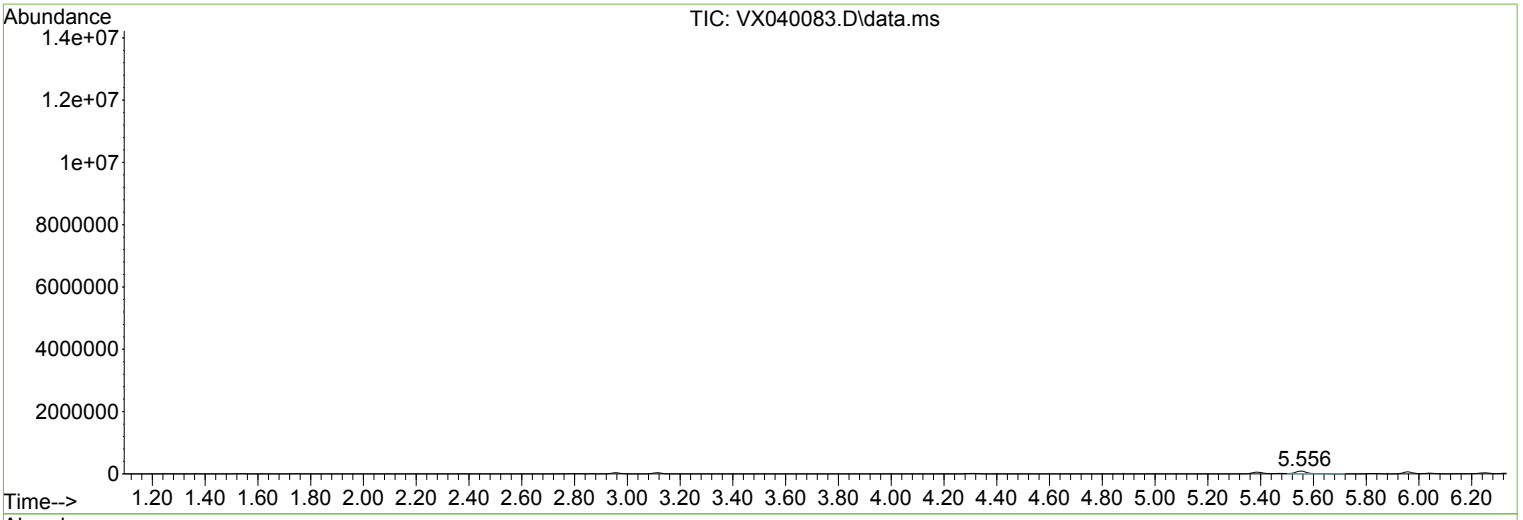
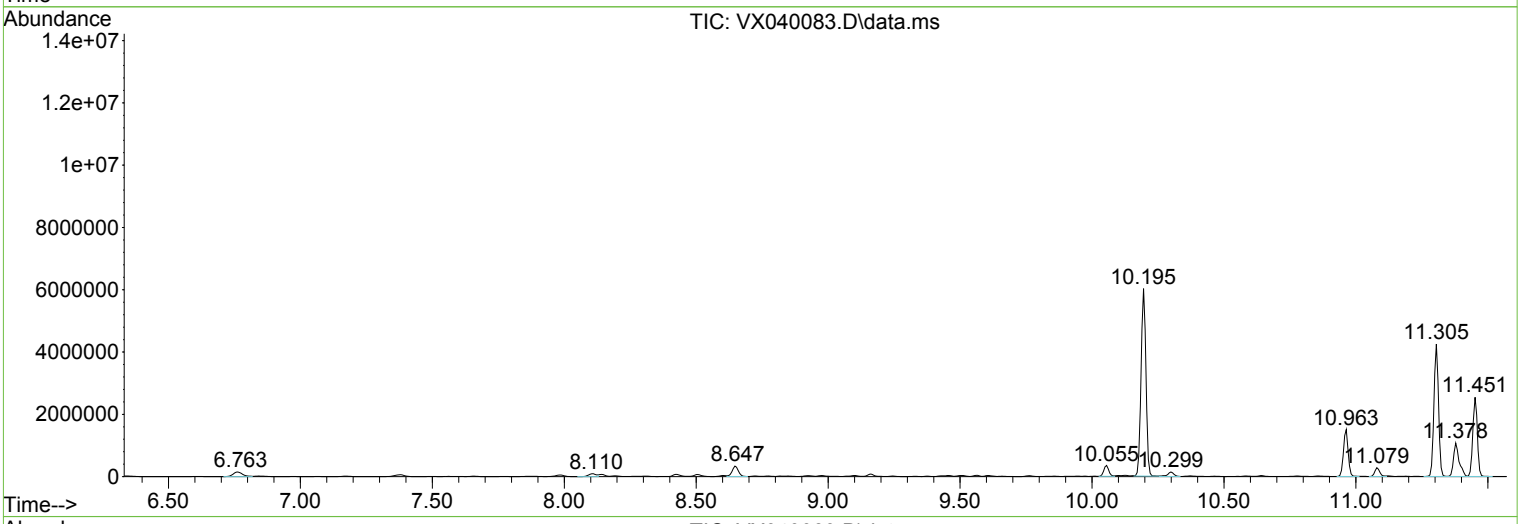
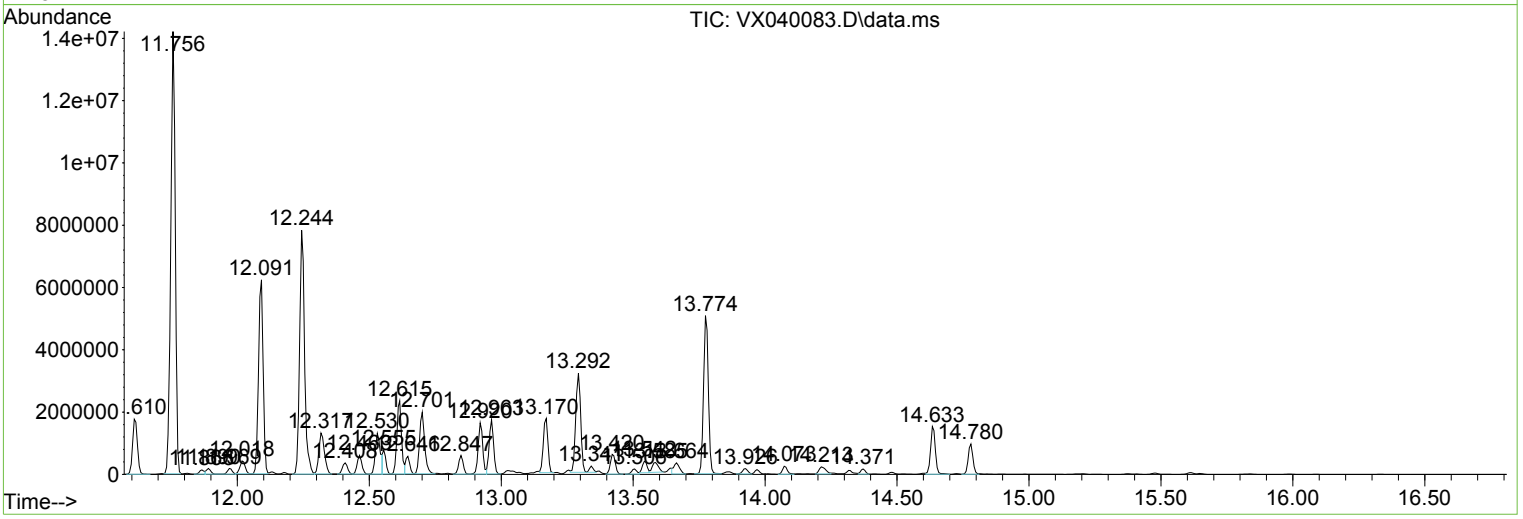
ClientSampleId :
MR-323P-GW-20240131-0

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







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Data File : VX040083.D
Acq On : 02 Feb 2024 13:44
Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MR-323P-GW-20240131-0

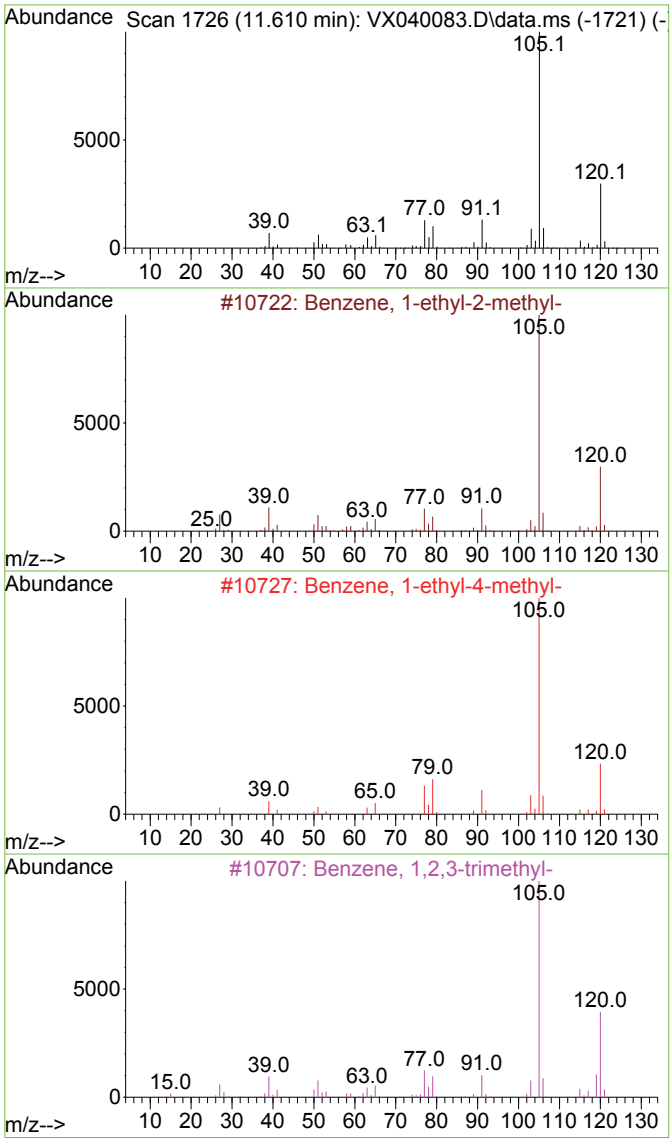
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260

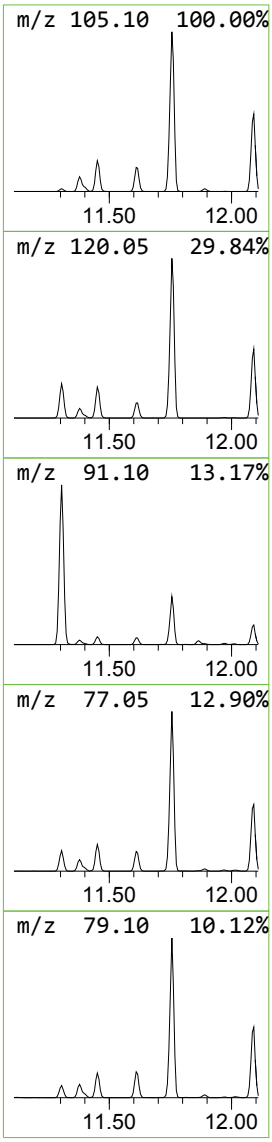
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.610	196.72 ug/l	2229480	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	93
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





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Data File : VX040083.D
Acq On : 02 Feb 2024 13:44
Operator : JC/MD
Sample : P1342-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MR-323P-GW-20240131-0

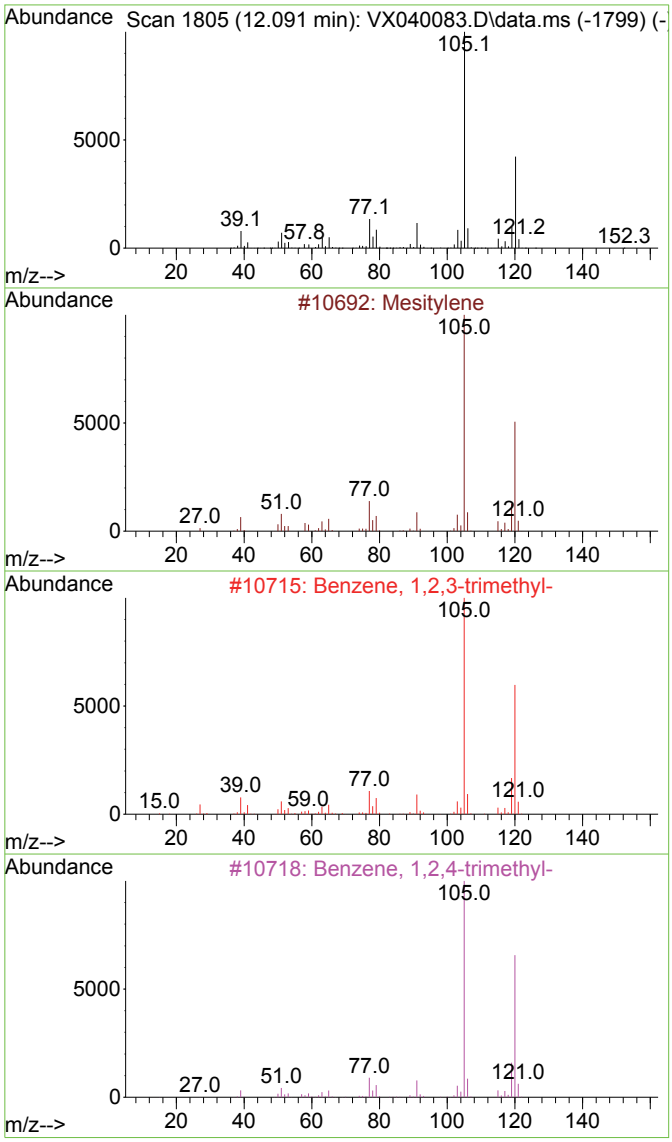
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260

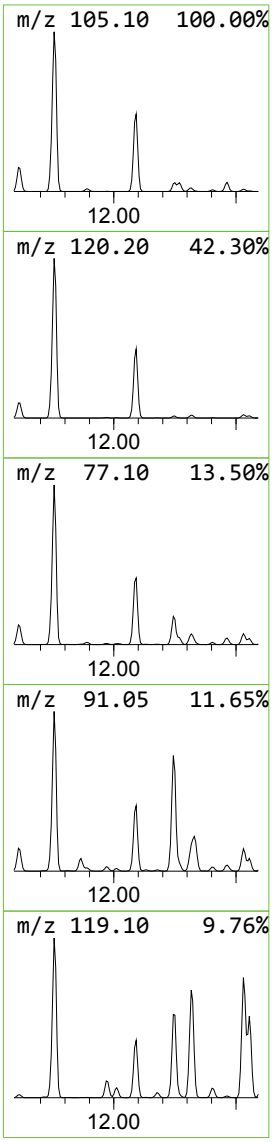
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.091	673.16 ug/l	7629040	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	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020224\
Data File : VX040083.D
Acq On : 02 Feb 2024 13:44
Operator : JC/MD
Sample : P1342-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MR-323P-GW-20240131-0

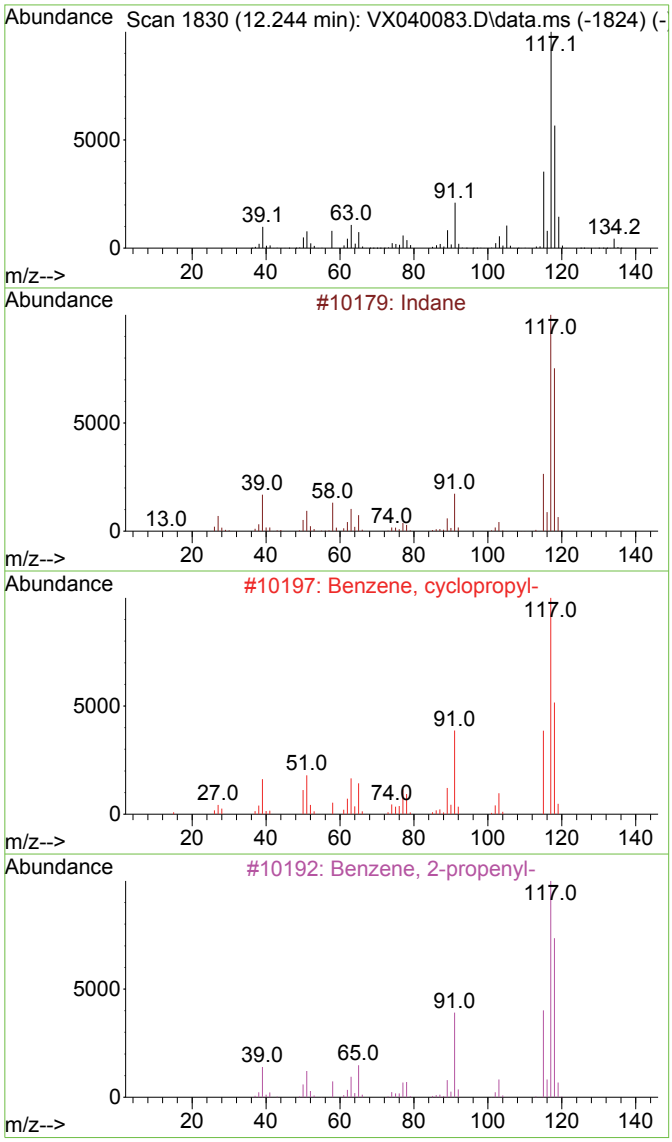
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260

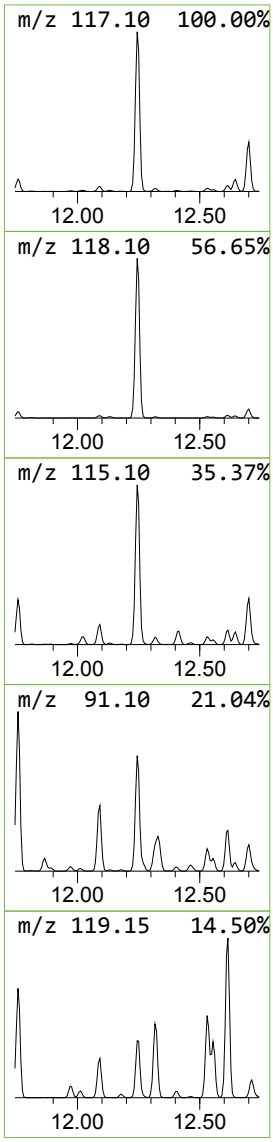
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	900.30 ug/l	10203300	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, cyclopropyl-	118	C9H10	000873-49-4	76
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	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 : VX040083.D
Acq On : 02 Feb 2024 13:44
Operator : JC/MD
Sample : P1342-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MR-323P-GW-20240131-0

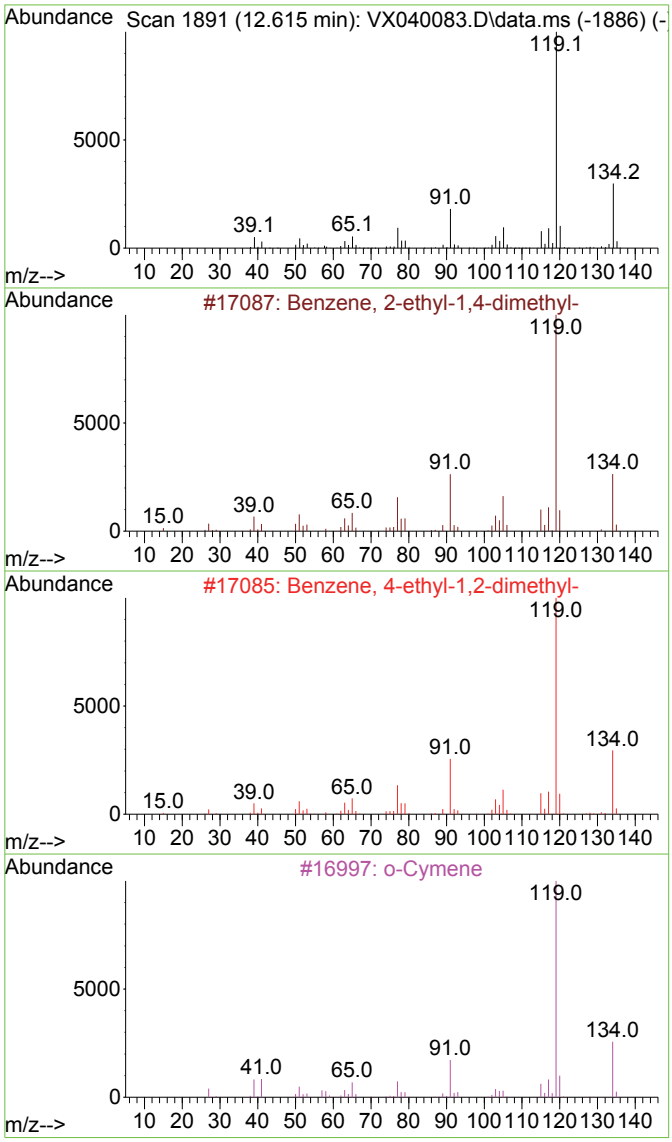
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260

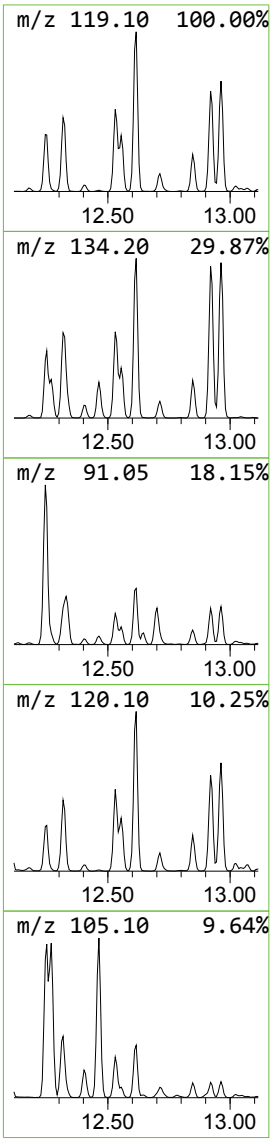
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.616	255.33 ug/l	2893720	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-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020224\
Data File : VX040083.D
Acq On : 02 Feb 2024 13:44
Operator : JC/MD
Sample : P1342-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MR-323P-GW-20240131-0

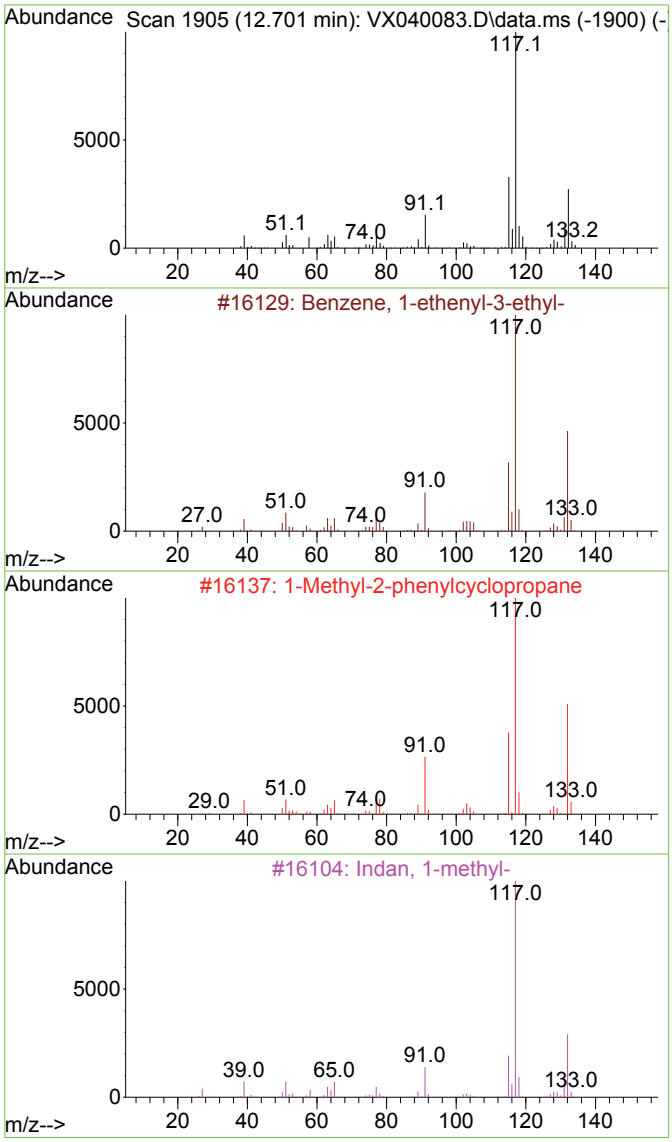
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260

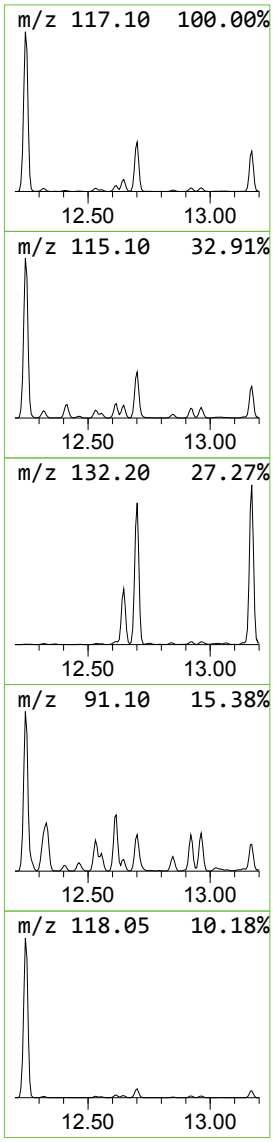
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.701	235.57 ug/l	2669730	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, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	86
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020224\
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Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MR-323P-GW-20240131-0

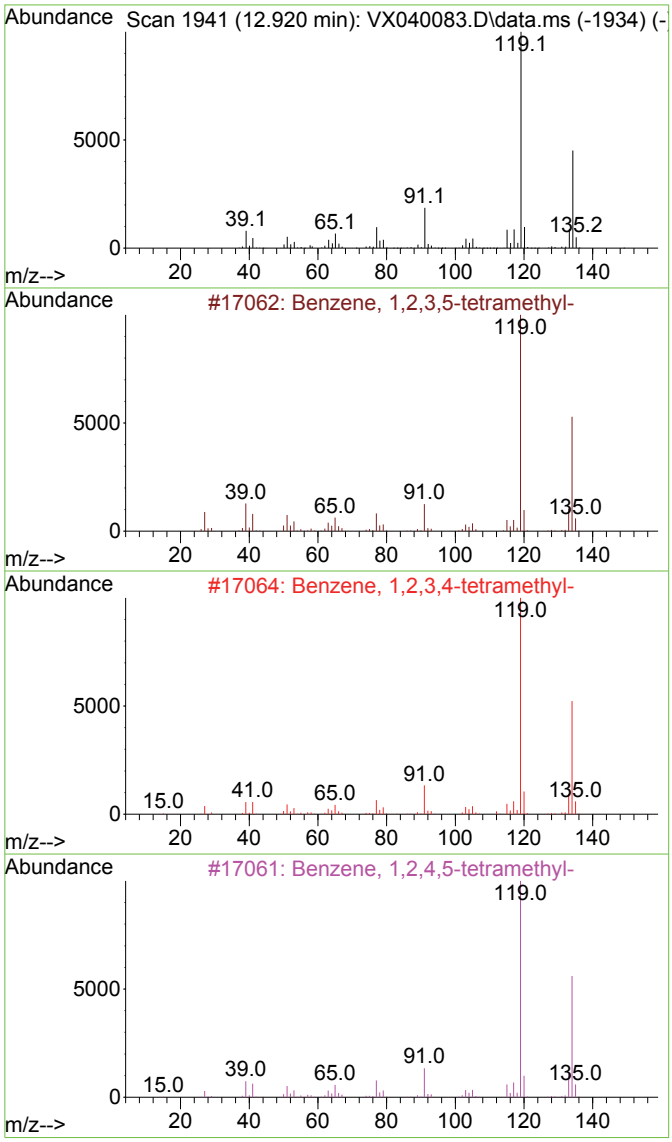
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260

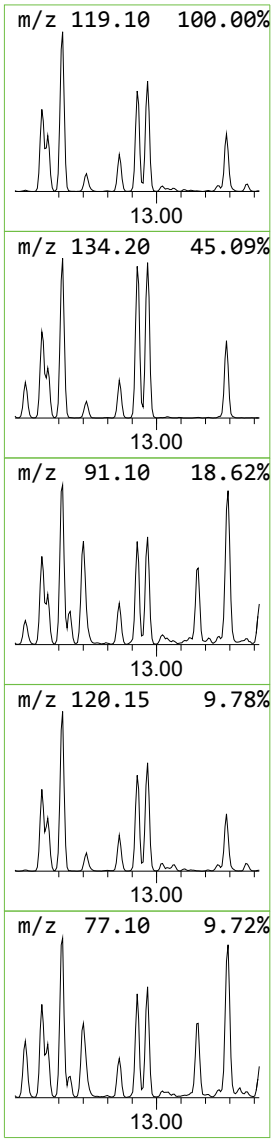
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.920	176.96 ug/l	2005560	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, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	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 : VX040083.D
Acq On : 02 Feb 2024 13:44
Operator : JC/MD
Sample : P1342-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MR-323P-GW-20240131-0

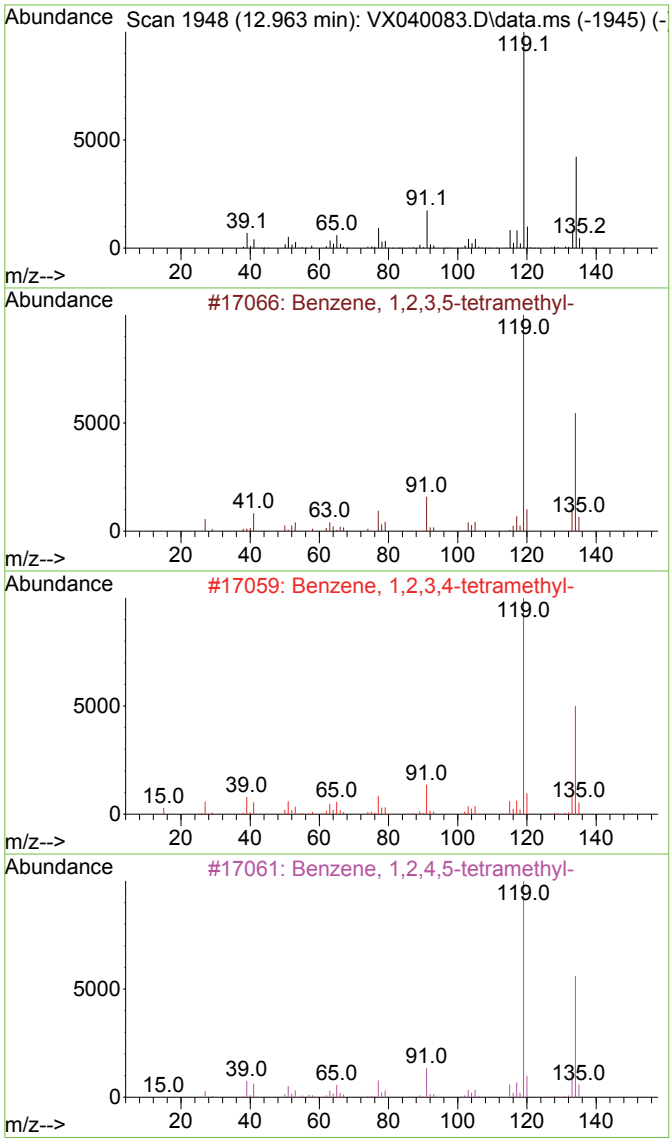
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260

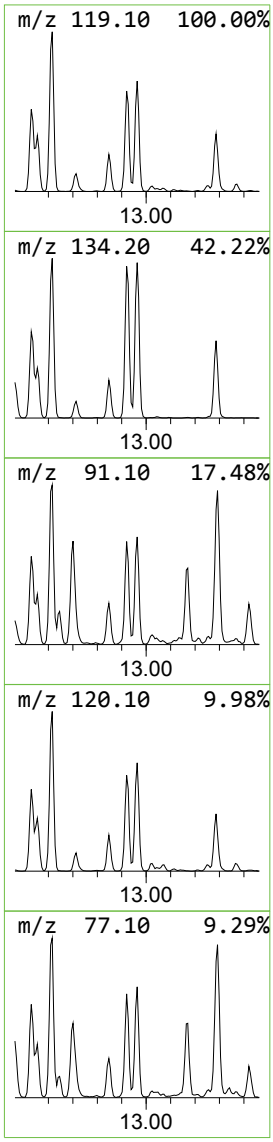
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.963	175.63 ug/l	1990410	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	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	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 : VX040083.D
Acq On : 02 Feb 2024 13:44
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ALS Vial : 11 Sample Multiplier: 1

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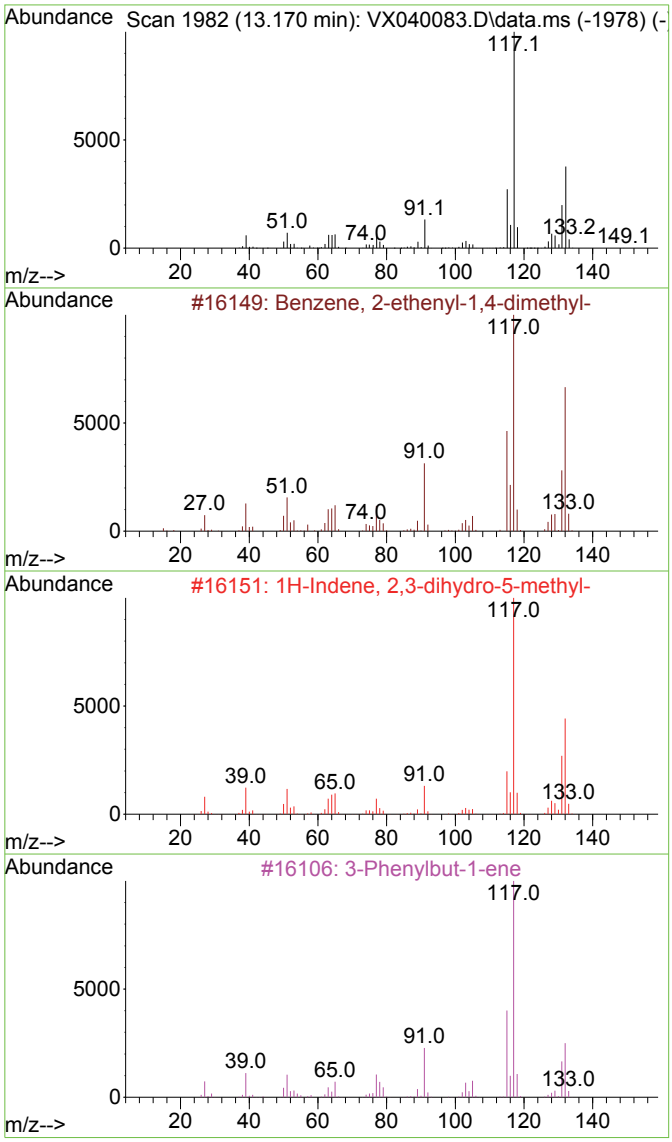
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260

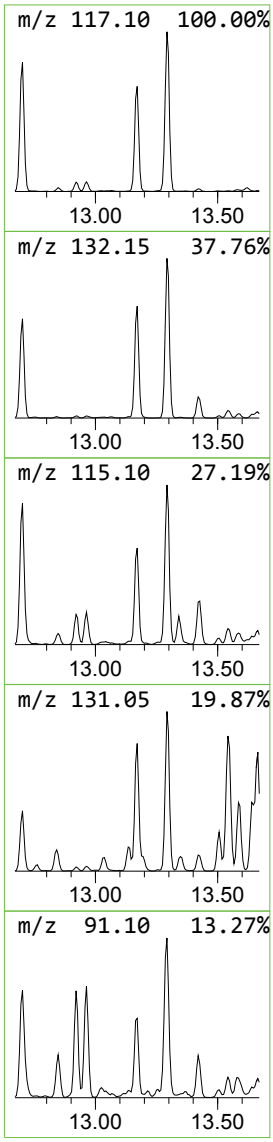
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.170	181.34 ug/l	2055160	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	96
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	92
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020224\
Data File : VX040083.D
Acq On : 02 Feb 2024 13:44
Operator : JC/MD
Sample : P1342-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MR-323P-GW-20240131-0

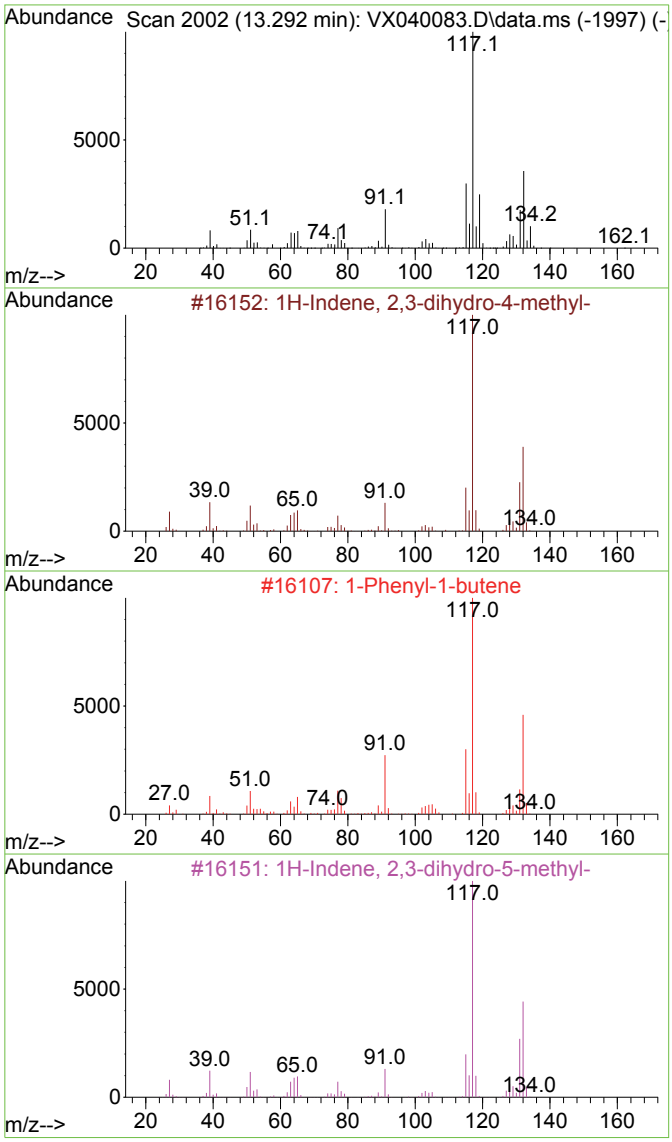
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260

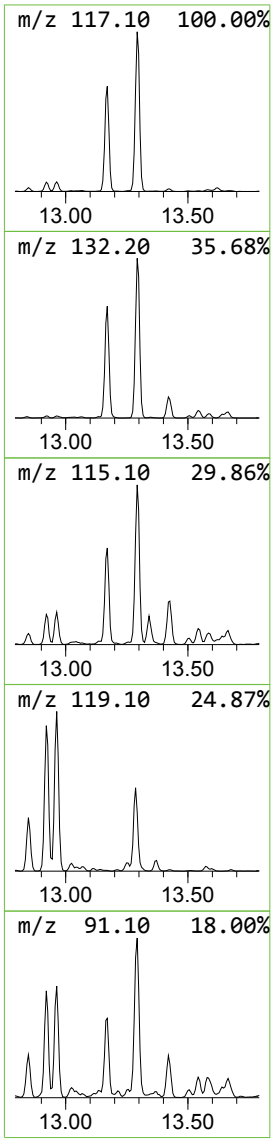
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	358.97 ug/l	4068280	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	93
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	90
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020224\
Data File : VX040083.D
Acq On : 02 Feb 2024 13:44
Operator : JC/MD
Sample : P1342-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MR-323P-GW-20240131-0

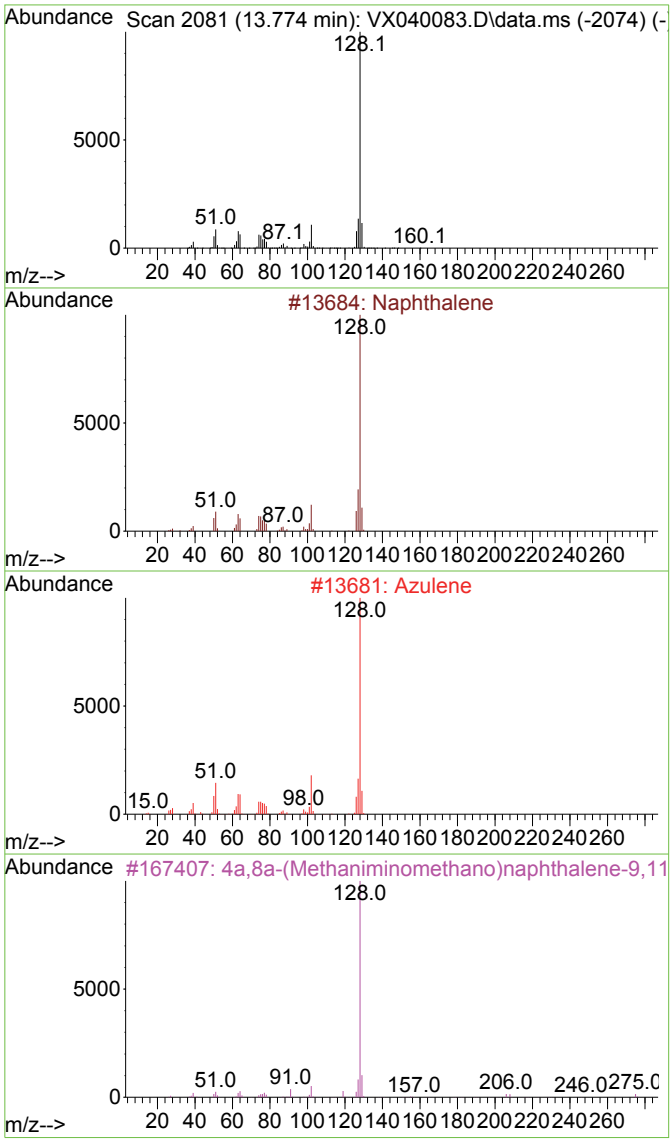
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260

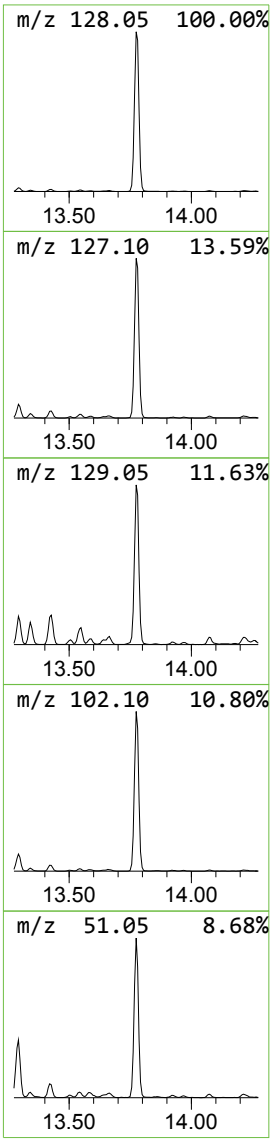
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Azulene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.774	568.79 ug/l	6446230	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	91
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 : VX040083.D
Acq On : 02 Feb 2024 13:44
Operator : JC/MD
Sample : P1342-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MR-323P-GW-20240131-0

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	196.7	ug/l	2229480	4	12.024	566660	50.0
Benzene, 1,2,3-...	12.091	673.2	ug/l	7629040	4	12.024	566660	50.0
Indane	12.244	900.3	ug/l	10203300	4	12.024	566660	50.0
Benzene, 2-ethy...	12.616	255.3	ug/l	2893720	4	12.024	566660	50.0
Benzene, 1-ethe...	12.701	235.6	ug/l	2669730	4	12.024	566660	50.0
Benzene, 1,2,3,...	12.920	177.0	ug/l	2005560	4	12.024	566660	50.0
Benzene, 1,2,3,...	12.963	175.6	ug/l	1990410	4	12.024	566660	50.0
Benzene, 2-ethe...	13.170	181.3	ug/l	2055160	4	12.024	566660	50.0
1H-Indene, 2,3-...	13.292	359.0	ug/l	4068280	4	12.024	566660	50.0
Azulene	13.774	568.8	ug/l	6446230	4	12.024	566660	50.0