LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
Data File : VX021575.D
Acq On : 29 Mar 2021 14:29
Operator : JC/MD
Sample : M1785-16 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-5R

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\82X032421W.M
Title : SW846 8260

Signal : TIC: VX021575.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.593	79	86	93	rVB6	3332	6993	1.56%	0.159%
2	5.464	732	744	759	rBV2	49545	143508	31.96%	3.256%
3	5.629	761	772	787	rVB	72587	204458	45.54%	4.638%
4	6.029	829	840	852	rBV	54307	143792	32.02%	3.262%
5	6.829	966	976	986	rBV	124204	292444	65.13%	6.635%
6	8.694	1286	1293	1304	rBV	268456	408775	91.04%	9.274%
7	10.094	1525	1531	1541	rBV	281440	386748	86.13%	8.774%
8	10.235	1548	1555	1562	rBV	6816	9629	2.14%	0.218%
9	10.335	1565	1572	1579	rBV	34559	51589	11.49%	1.170%
10	10.624	1614	1621	1628	rBV8	3572	7318	1.63%	0.166%
11	10.818	1645	1654	1659	rBV3	7393	12625	2.81%	0.286%
12	10.894	1659	1667	1671	rBV3	7104	11652	2.60%	0.264%
13	11.000	1680	1685	1691	rBV	59686	76398	17.01%	1.733%
14	11.118	1700	1705	1711	rBV	235586	310277	69.10%	7.039%
15	11.159	1711	1712	1717	rVB2	3992	5002	1.11%	0.113%
16	11.259	1725	1729	1736	rVB4	6575	9167	2.04%	0.208%
17	11.341	1737	1743	1751	rVV	112348	139809	31.14%	3.172%
18	11.418	1751	1756	1762	rVV	58925	72789	16.21%	1.651%
19	11.488	1762	1768	1776	rVB	86098	110039	24.51%	2.496%
20	11.653	1792	1796	1804	rBV4	7789	13080	2.91%	0.297%
21	11.753	1809	1813	1815	rVV	13538	17576	3.91%	0.399%
22	11.788	1815	1819	1830	rVB	369507	449006	100.00%	10.186%
23	11.900	1830	1838	1840	rBV	15690	22583	5.03%	0.512%
24	11.930	1840	1843	1848	rVB	36031	43398	9.67%	0.985%
25	12.006	1853	1856	1860	rVV	15690	19468	4.34%	0.442%
26	12.059	1860	1865	1871	rVV	302128	377554	84.09%	8.565%
27	12.124	1871	1876	1884	rVV	147199	179350	39.94%	4.069%
28	12.218	1886	1892	1898	rVB	15099	20841	4.64%	0.473%
29	12.283	1898	1903	1911	rBV	131814	183002	40.76%	4.152%
30	12.353	1911	1915	1924	rVB2	42478	79819	17.78%	1.811%
31	12.441	1924	1930	1938	rBV	24012	30565	6.81%	0.693%
32	12.571	1946	1952	1954	rBV	18416	26338	5.87%	0.598%
33	12.594	1954	1956	1959	rVV	18820	19113	4.26%	0.434%
34	12.653	1959	1966	1969	rVV	80654	104675	23.31%	2.375%
35	12.683	1969	1971	1976	rVV	27907	32751	7.29%	0.743%
36	12.742	1976	1981	1988	rVB2	64139	110825	24.68%	2.514%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
Data File : VX021575.D
Acq On : 29 Mar 2021 14:29
Operator : JC/MD
Sample : M1785-16 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-5R

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\82X032421W.M
Title : SW846 8260

37	12.883	1999	2005	2010	rVB2	15573	24364	5.43%	0.553%
38	12.959	2010	2018	2022	rBV	44383	58853	13.11%	1.335%
39	13.000	2022	2025	2031	rVB2	20248	24889	5.54%	0.565%
40	13.065	2031	2036	2042	rBV3	5262	8438	1.88%	0.191%
41	13.136	2042	2048	2052	rBV	4563	5617	1.25%	0.127%
42	13.177	2052	2055	2057	rBV3	5623	6585	1.47%	0.149%
43	13.206	2057	2060	2063	rVB	8398	8807	1.96%	0.200%
44	13.324	2076	2080	2088	rVB2	76169	111521	24.84%	2.530%
45	13.459	2099	2103	2109	rVB3	5480	7527	1.68%	0.171%
46	13.624	2127	2131	2135	rVV3	5473	6841	1.52%	0.155%
47	13.677	2135	2140	2142	rVV4	3233	4693	1.05%	0.106%
48	13.700	2142	2144	2153	rVB3	4625	6780	1.51%	0.154%

Sum of corrected areas: 4407871

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
Data File : VX021575.D
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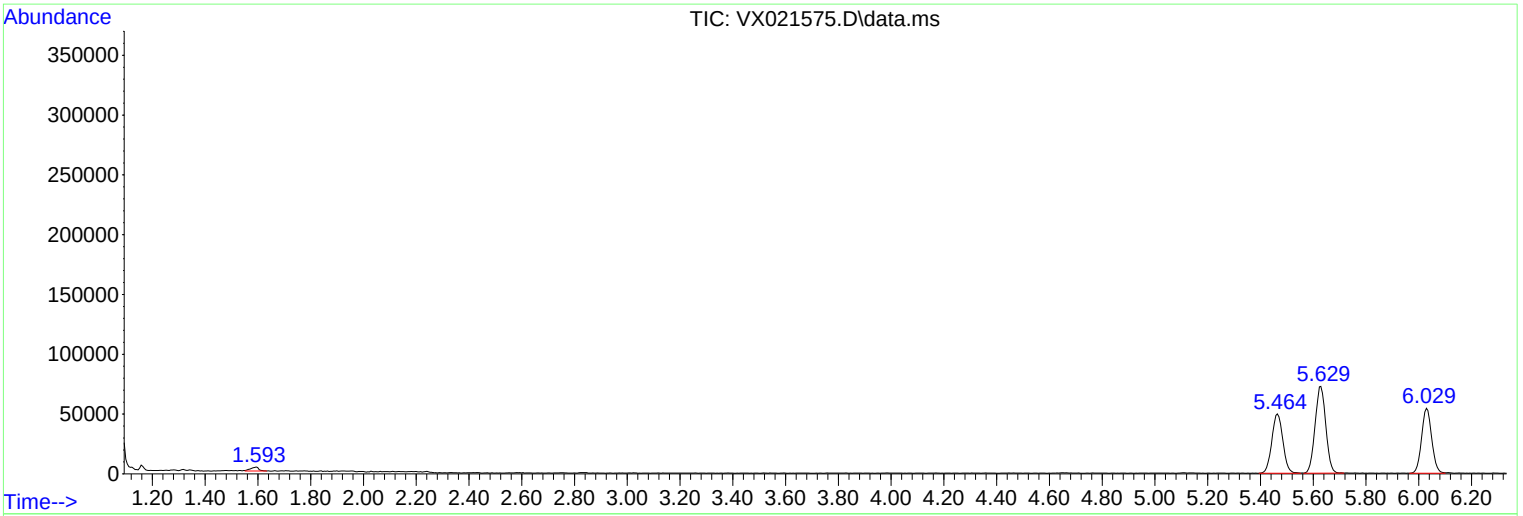
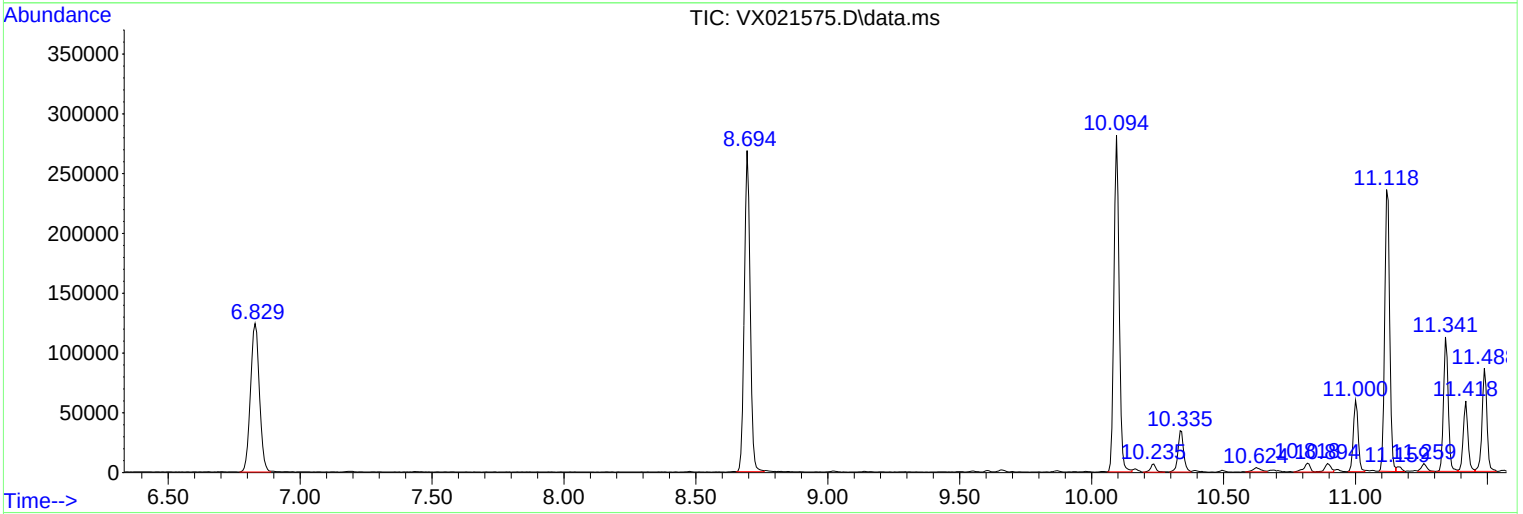
Operator : JC/MD
Sample : M1785-16 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

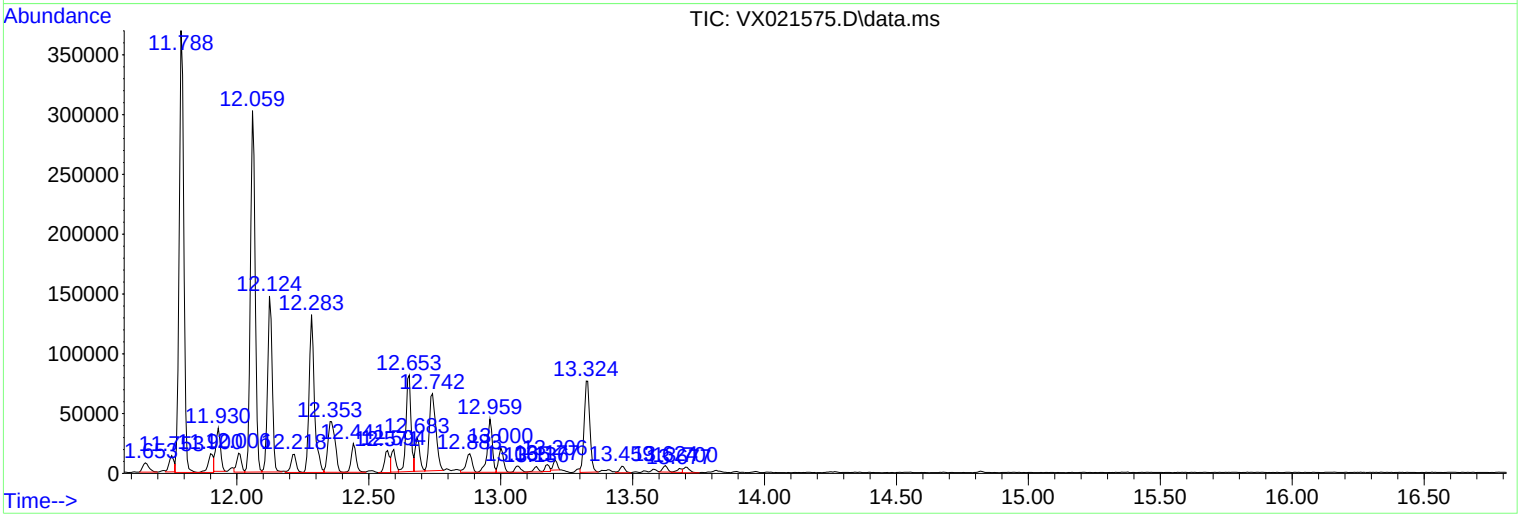
Instrument :
MSVOA_X
ClientSampleId :
MW-5R

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
Data File : VX021575.D
Acq On : 29 Mar 2021 14:29
Operator : JC/MD
Sample : M1785-16 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-5R

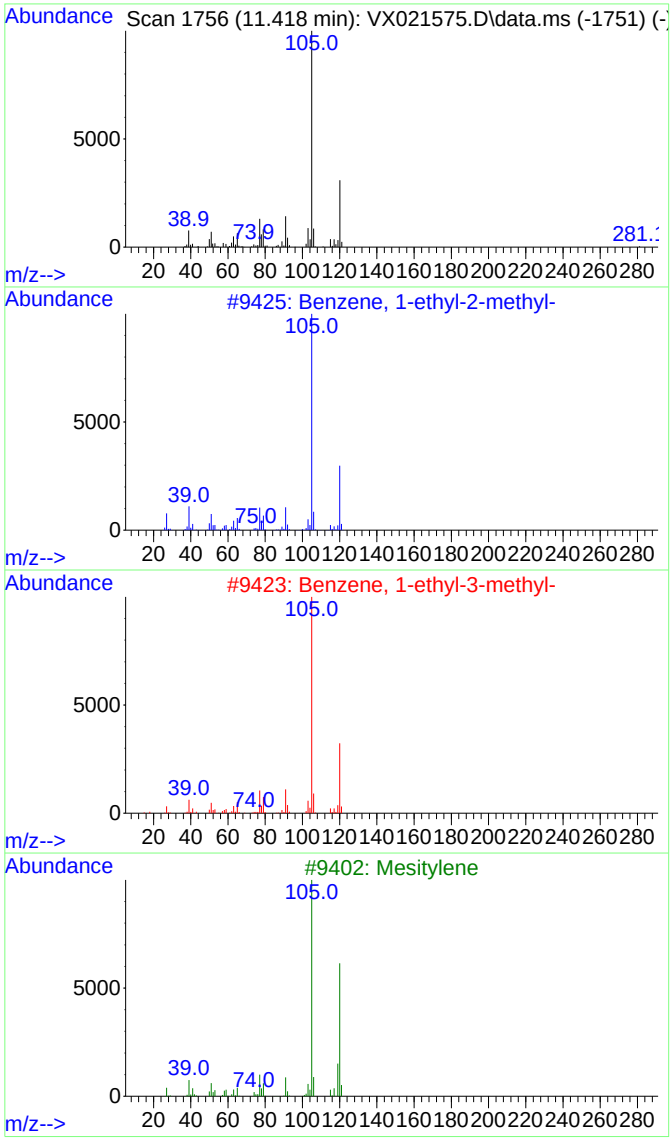
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260

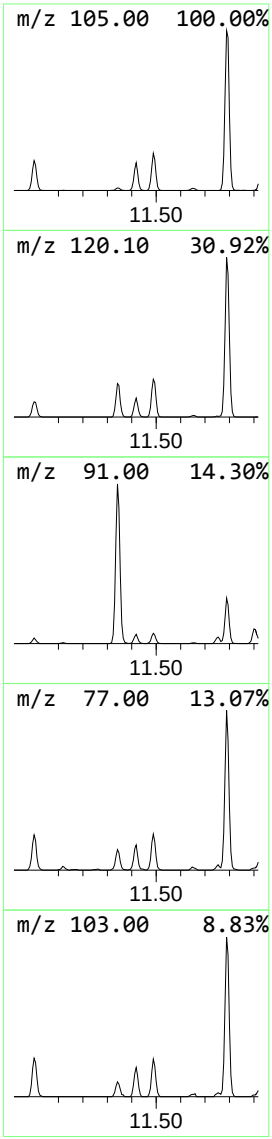
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.418	9.64 ug/l	72789	1,4-Dichlorobenzene-d4	12.059

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-3-methyl-	120	C9H12	000620-14-4	94
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\VX032921\
Data File : VX021575.D
Acq On : 29 Mar 2021 14:29
Operator : JC/MD
Sample : M1785-16 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-5R

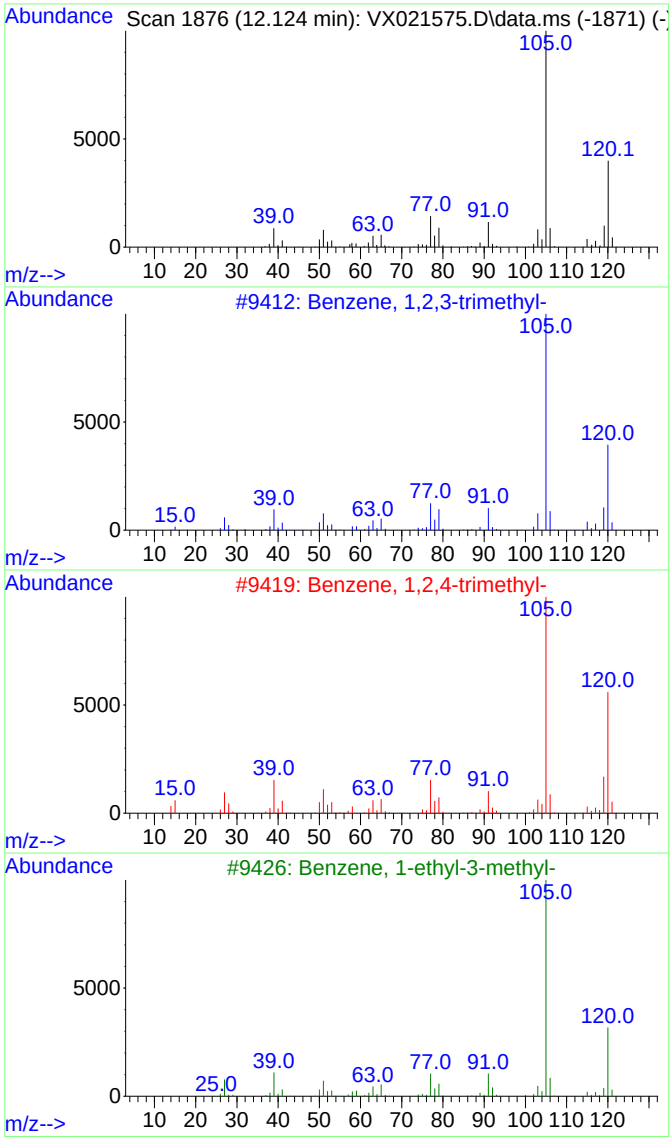
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260

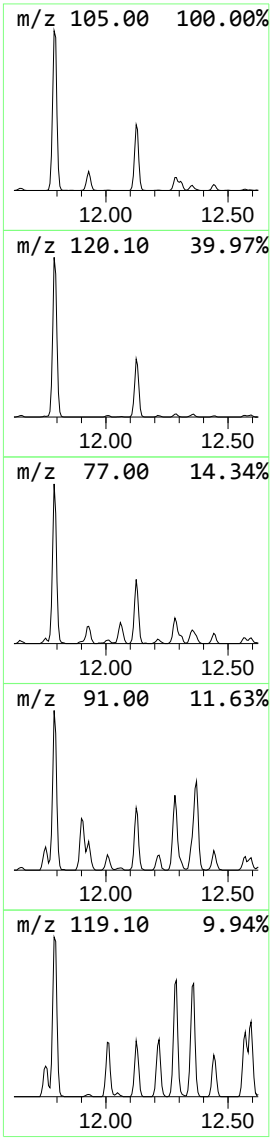
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.124	23.75 ug/l	179350	1,4-Dichlorobenzene-d4	12.059

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	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\VX032921\
Data File : VX021575.D
Acq On : 29 Mar 2021 14:29
Operator : JC/MD
Sample : M1785-16 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-5R

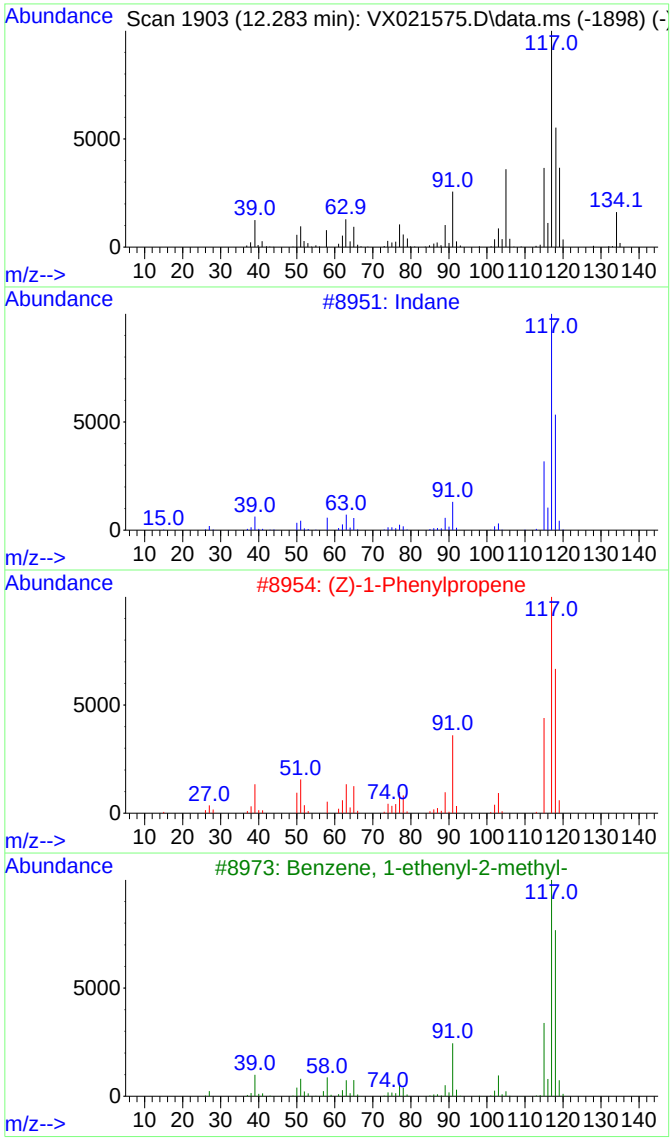
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260

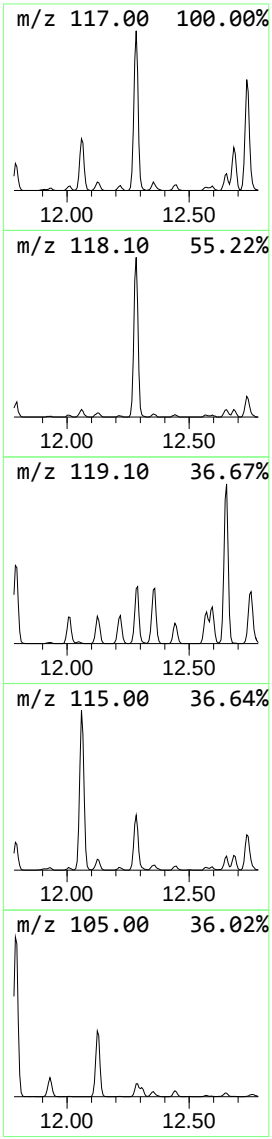
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.283	24.24 ug/l	183002	1,4-Dichlorobenzene-d4	12.059

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	92
2	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	80
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	64
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
Data File : VX021575.D
Acq On : 29 Mar 2021 14:29
Operator : JC/MD
Sample : M1785-16 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-5R

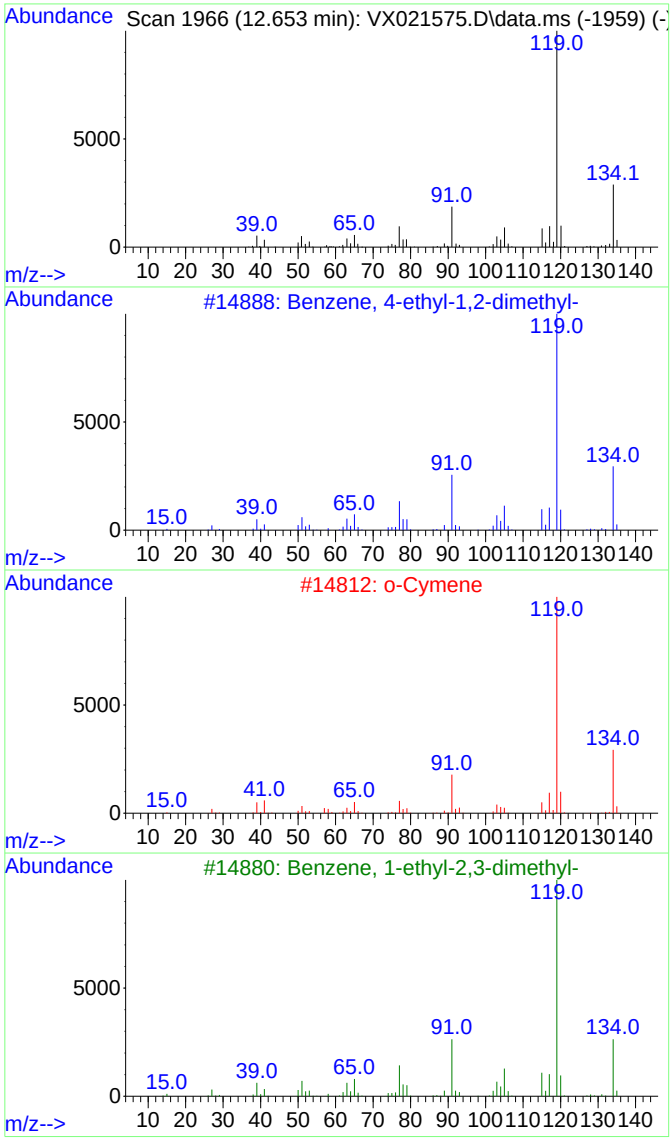
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260

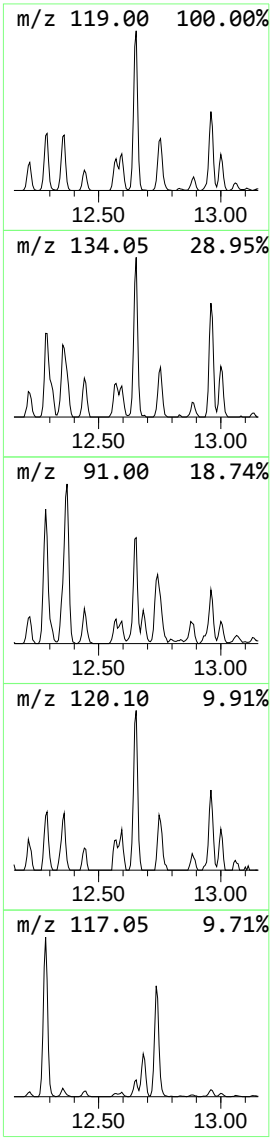
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.653	13.86 ug/l	104675	1,4-Dichlorobenzene-d4	12.059

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	97
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
Data File : VX021575.D
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Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-5R

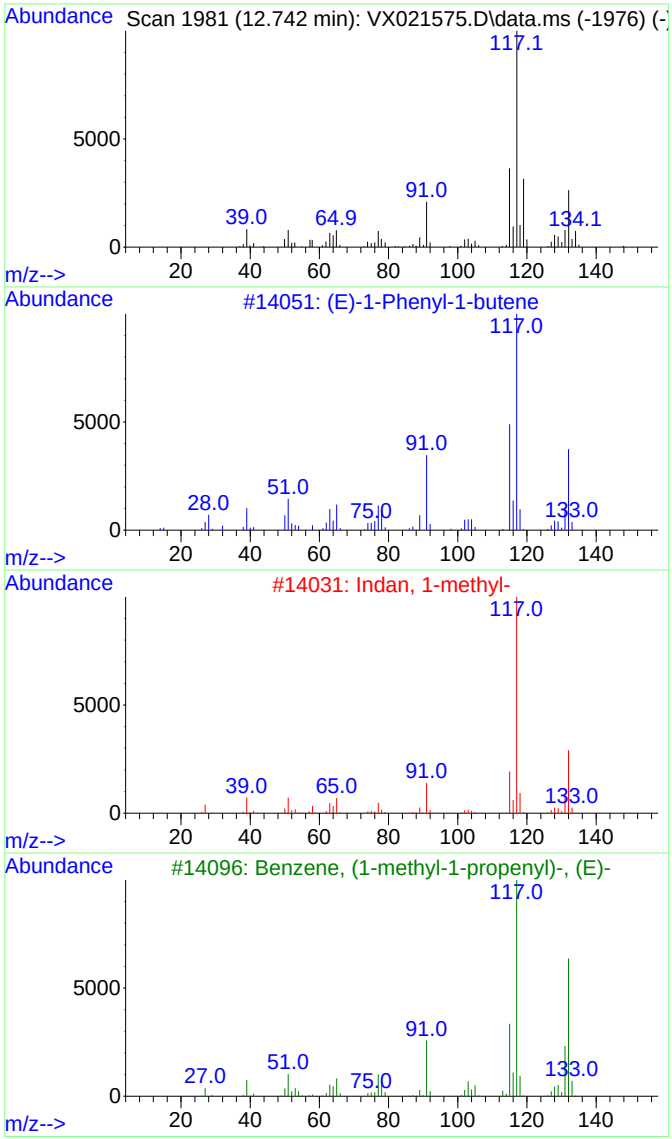
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260

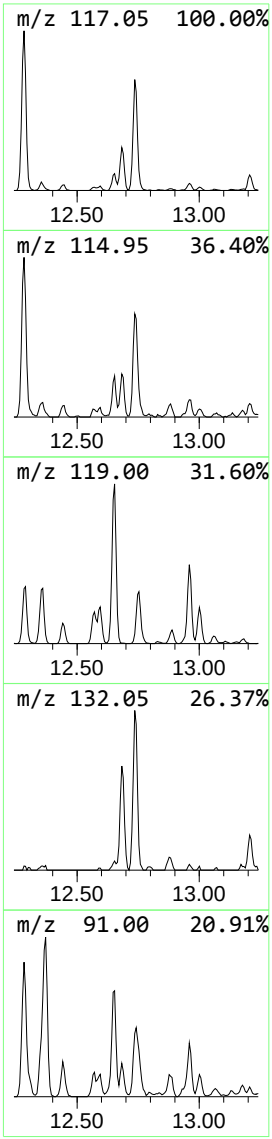
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (E)-1-Phenyl-1-butene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.742	14.68 ug/l	110825	1,4-Dichlorobenzene-d4	12.059

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	91
2	Indan, 1-methyl-	132	C10H12	000767-58-8	83
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	83
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83





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Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-5R

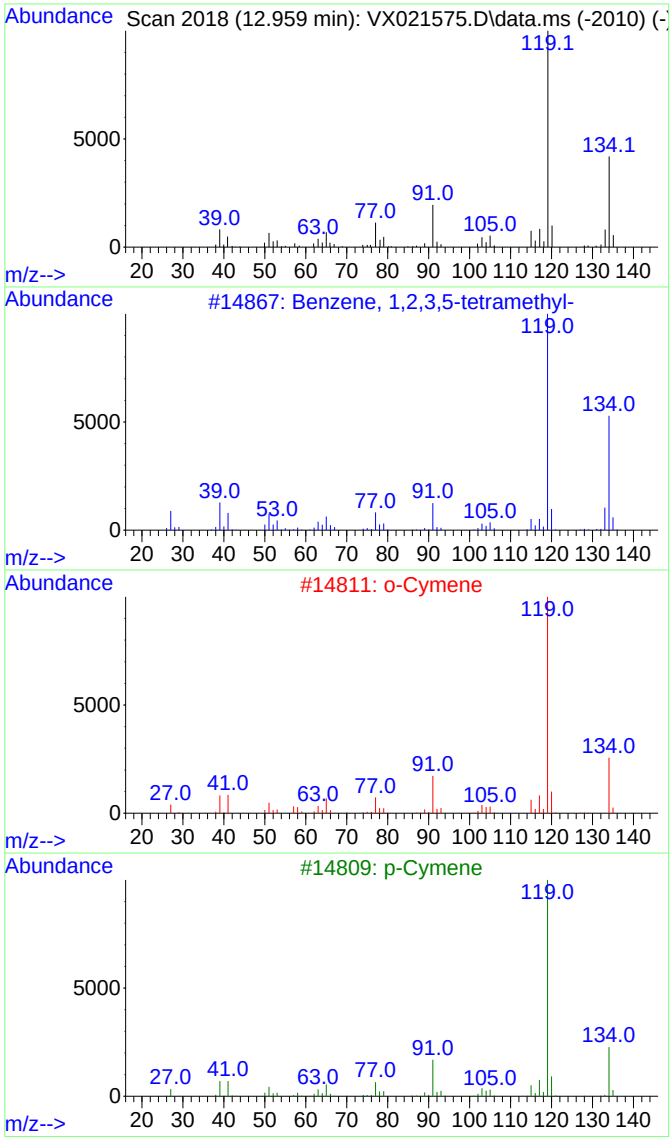
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260

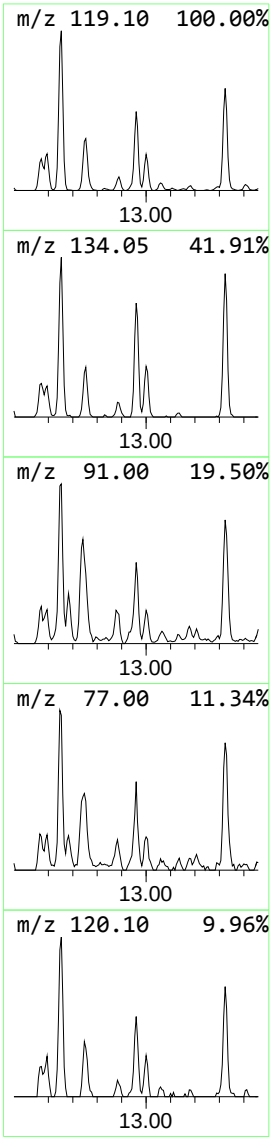
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.959	7.79 ug/l	58853	1,4-Dichlorobenzene-d4	12.059

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	p-Cymene	134	C10H14	000099-87-6	95
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
Data File : VX021575.D
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Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-5R

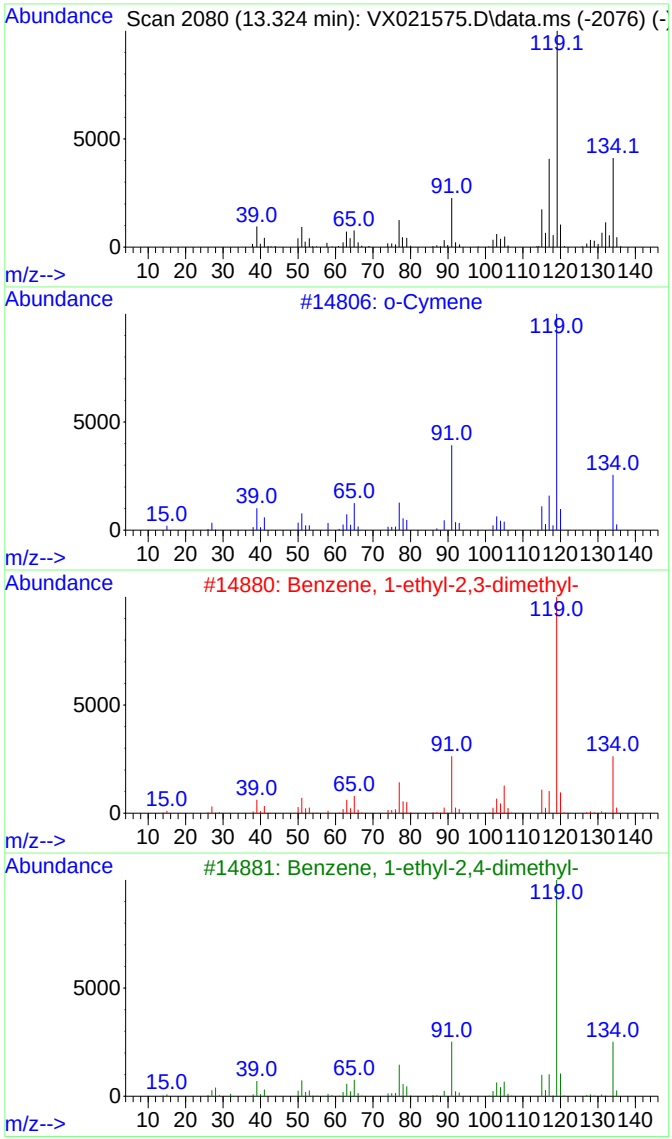
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260

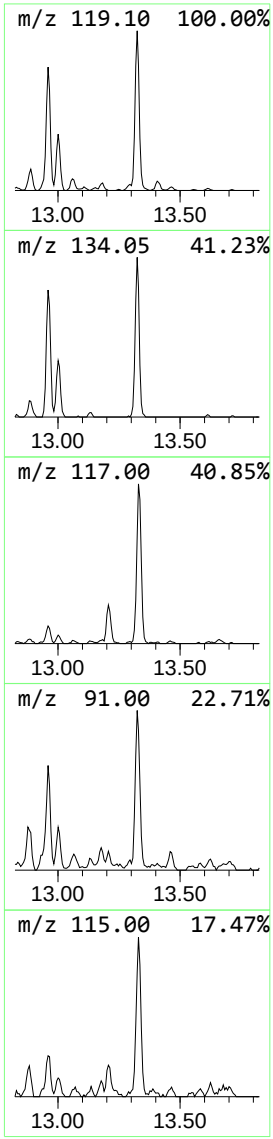
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 o-Cymene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.324	14.77 ug/l	111521	1,4-Dichlorobenzene-d4	12.059

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	70
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	70
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	70
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	70
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
Data File : VX021575.D
Acq On : 29 Mar 2021 14:29
Operator : JC/MD
Sample : M1785-16 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-5R

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-ethy...	11.418	9.6	ug/l	72789	4	12.059	377554	50.0
Benzene, 1,2,3-...	12.124	23.8	ug/l	179350	4	12.059	377554	50.0
Indane	12.283	24.2	ug/l	183002	4	12.059	377554	50.0
Benzene, 4-ethy...	12.653	13.9	ug/l	104675	4	12.059	377554	50.0
(E)-1-Phenyl-1-...	12.742	14.7	ug/l	110825	4	12.059	377554	50.0
Benzene, 1,2,3,...	12.959	7.8	ug/l	58853	4	12.059	377554	50.0
o-Cymene	13.324	14.8	ug/l	111521	4	12.059	377554	50.0