LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
Data File : VY015203.D
Acq On : 18 Aug 2023 18:10
Operator : SY/MD
Sample : 04086-15
Misc : 5.01g/5.2mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP18A

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_Y\methods\82Y081423S.M
Title : SW846 8260

Signal : TIC: VY015203.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.894	168	176	186	rBV	27911	61541	2.69%	0.588%
2	3.241	225	233	248	rVB3	21849	54780	2.39%	0.523%
3	4.704	460	473	499	rBV5	36953	180726	7.89%	1.726%
4	5.229	544	559	575	rBV4	9922	33337	1.46%	0.318%
5	5.741	632	643	655	rBV3	15143	49087	2.14%	0.469%
6	6.783	805	814	823	rBV2	10471	30039	1.31%	0.287%
7	6.972	836	845	861	rBV2	31378	95853	4.19%	0.915%
8	7.710	956	966	972	rBV2	105307	260270	11.37%	2.485%
9	7.783	972	978	987	rVV	188670	436723	19.08%	4.170%
10	7.996	1005	1013	1025	rBV2	16185	37426	1.63%	0.357%
11	8.137	1025	1036	1047	rBV	112655	270749	11.83%	2.585%
12	8.319	1049	1066	1076	rBV3	14969	55034	2.40%	0.525%
13	8.685	1117	1126	1140	rBV	285913	570191	24.91%	5.444%
14	9.179	1194	1207	1213	rBV4	13009	34085	1.49%	0.325%
15	9.612	1271	1278	1285	rBB	14169	27210	1.19%	0.260%
16	9.746	1288	1300	1307	rBV3	19471	48467	2.12%	0.463%
17	9.959	1325	1335	1347	rBV4	10023	28232	1.23%	0.270%
18	10.179	1364	1371	1376	rBV	454279	776380	33.91%	7.413%
19	10.240	1376	1381	1394	rVB	1341892	2289441	100.00%	21.859%
20	10.575	1430	1436	1450	rBV	32513	68566	2.99%	0.655%
21	10.941	1492	1496	1504	rVB	16501	27671	1.21%	0.264%
22	11.490	1579	1586	1596	rBV	438100	712237	31.11%	6.800%
23	11.593	1596	1603	1611	rVV	118700	191588	8.37%	1.829%
24	11.697	1612	1620	1633	rVV	246300	447088	19.53%	4.269%
25	12.026	1666	1674	1683	rBV	129227	204180	8.92%	1.949%
26	12.483	1739	1749	1761	rVB	373911	622688	27.20%	5.945%
27	12.672	1772	1780	1785	rBV	36786	55763	2.44%	0.532%
28	12.733	1785	1790	1794	rVV	107070	176100	7.69%	1.681%
29	12.764	1794	1795	1799	rVV	42953	50301	2.20%	0.480%
30	12.813	1799	1803	1813	rVB	63720	98228	4.29%	0.938%
31	12.971	1822	1829	1837	rBV	58279	90391	3.95%	0.863%
32	13.117	1847	1853	1860	rBV	236062	353885	15.46%	3.379%
33	13.422	1897	1903	1914	rBV2	466452	834174	36.44%	7.965%
34	13.623	1932	1936	1939	rVV	63155	98510	4.30%	0.941%
35	13.666	1939	1943	1953	rVB3	56283	117017	5.11%	1.117%
36	13.825	1964	1969	1974	rVB	19342	30442	1.33%	0.291%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
Data File : VY015203.D
Acq On : 18 Aug 2023 18:10
Operator : SY/MD
Sample : 04086-15
Misc : 5.01g/5.2mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP18A

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_Y\methods\82Y081423S.M
Title : SW846 8260

37	13.886	1974	1979	1981	rBV	34541	51329	2.24%	0.490%
38	13.916	1981	1984	1988	rVV	33088	47296	2.07%	0.452%
39	13.971	1988	1993	1999	rVB2	66464	95722	4.18%	0.914%
40	14.075	2006	2010	2016	rVB2	20660	34160	1.49%	0.326%
41	14.215	2027	2033	2037	rBV	15882	25715	1.12%	0.246%
42	14.294	2038	2046	2049	rVV	36438	59346	2.59%	0.567%
43	14.337	2049	2053	2057	rVV	52362	79261	3.46%	0.757%
44	14.379	2057	2060	2064	rVV2	17516	25740	1.12%	0.246%
45	14.568	2086	2091	2095	rBV2	19766	31989	1.40%	0.305%
46	14.611	2095	2098	2103	rVB2	20599	28764	1.26%	0.275%
47	14.678	2103	2109	2115	rBV3	45757	105523	4.61%	1.008%
48	14.946	2148	2153	2164	rVB3	22083	55563	2.43%	0.531%
49	15.050	2164	2170	2176	rBV2	14099	28346	1.24%	0.271%
50	15.233	2189	2200	2206	rBV	55743	102252	4.47%	0.976%
51	15.312	2206	2213	2217	rBV	14147	29160	1.27%	0.278%
52	16.294	2367	2374	2385	rBV	46833	95338	4.16%	0.910%
53	16.489	2397	2406	2418	rVB	27460	59613	2.60%	0.569%

Sum of corrected areas: 10473517

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
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Operator : SY/MD
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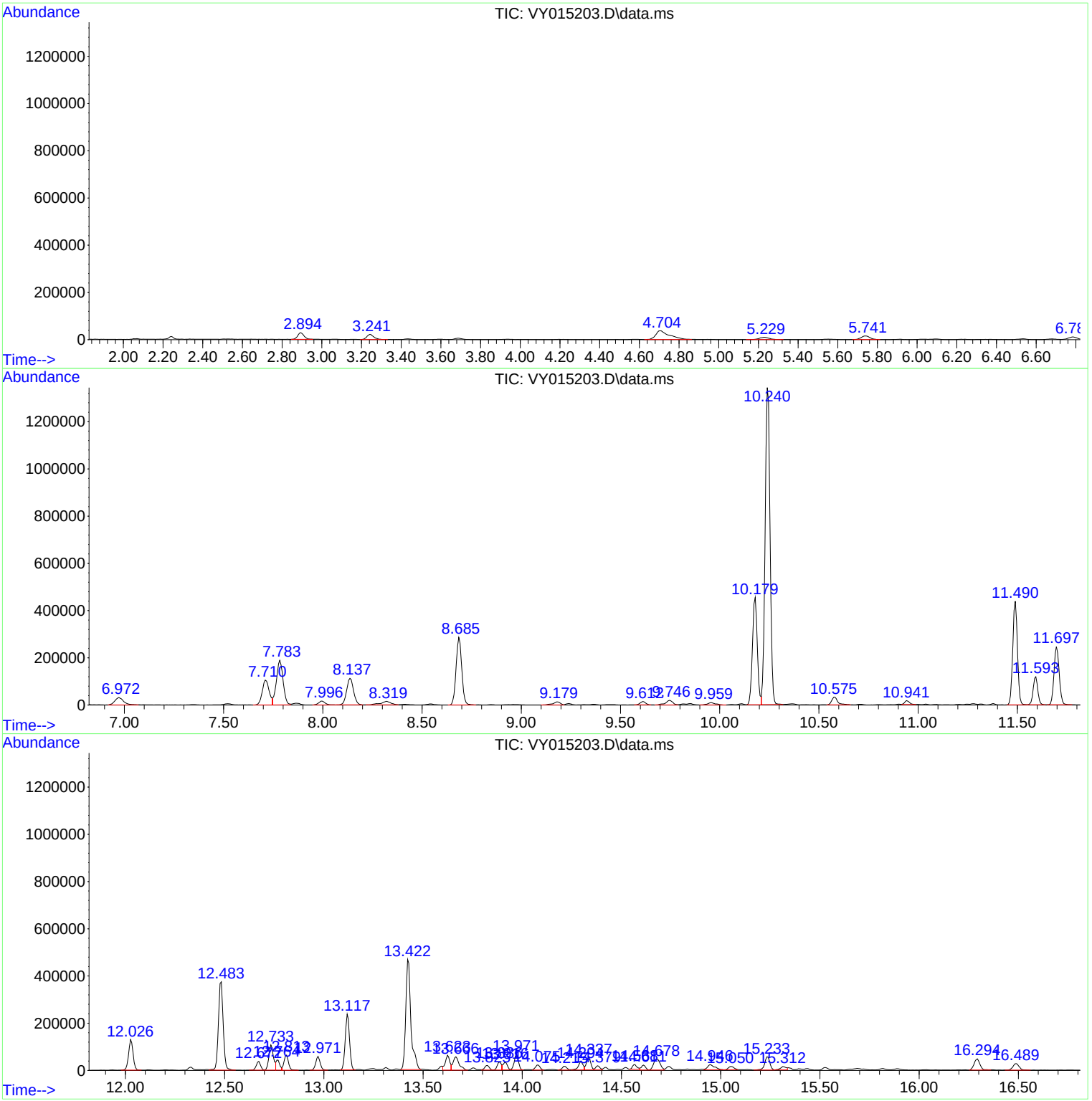
Misc : 5.01g/5.2mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP18A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
Data File : VY015203.D
Acq On : 18 Aug 2023 18:10
Operator : SY/MD
Sample : 04086-15
Misc : 5.01g/5.2mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP18A

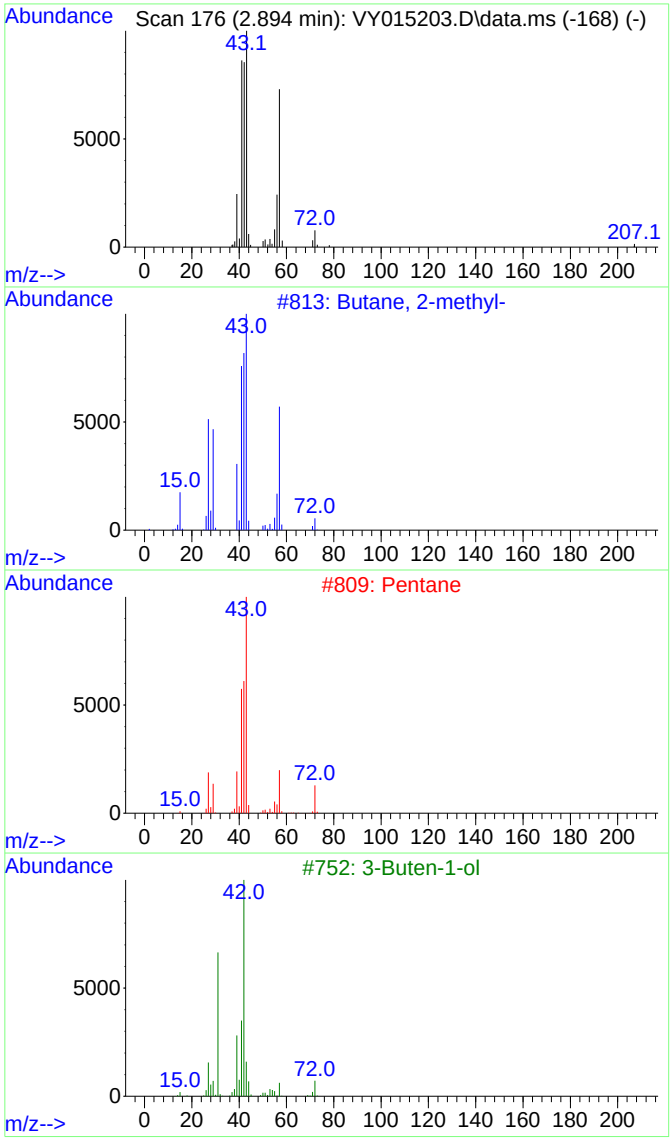
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

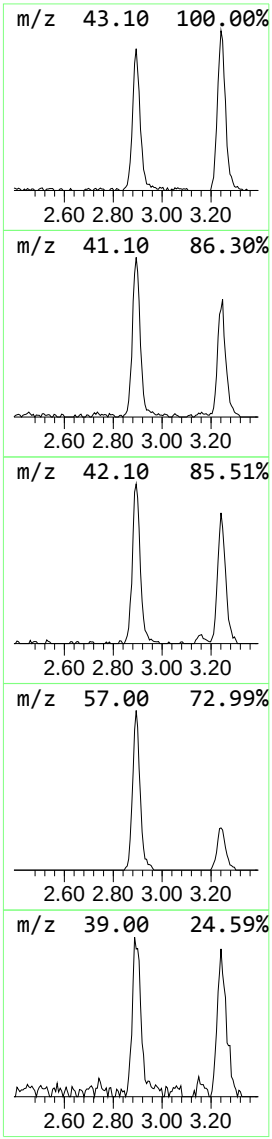
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.894	7.05 ug/l	61541	Pentafluorobenzene	7.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2	Pentane	72	C5H12	000109-66-0	50
3	3-Buten-1-ol	72	C4H8O	000627-27-0	47
4	Oxirane, trimethyl-	86	C5H10O	005076-19-7	36
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	14





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
Data File : VY015203.D
Acq On : 18 Aug 2023 18:10
Operator : SY/MD
Sample : 04086-15
Misc : 5.01g/5.2mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP18A

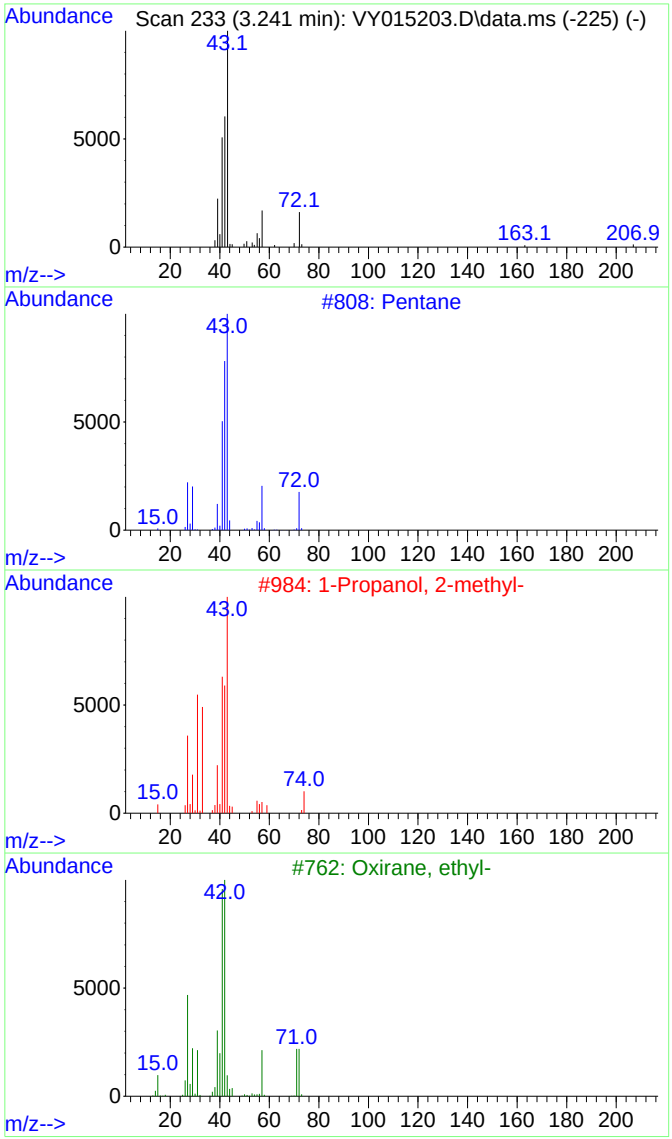
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

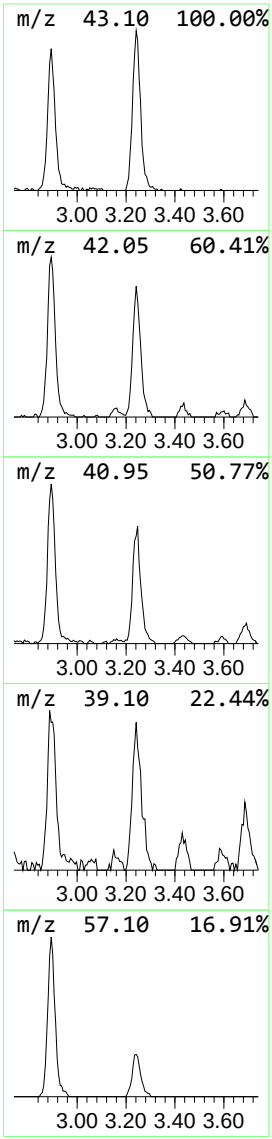
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Pentane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.241	6.27 ug/l	54780	Pentafluorobenzene	7.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	90
2	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	50
3	Oxirane, ethyl-	72	C4H8O	000106-88-7	50
4	Isobutylene epoxide	72	C4H8O	000558-30-5	47
5	Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
Data File : VY015203.D
Acq On : 18 Aug 2023 18:10
Operator : SY/MD
Sample : 04086-15
Misc : 5.01g/5.2mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP18A

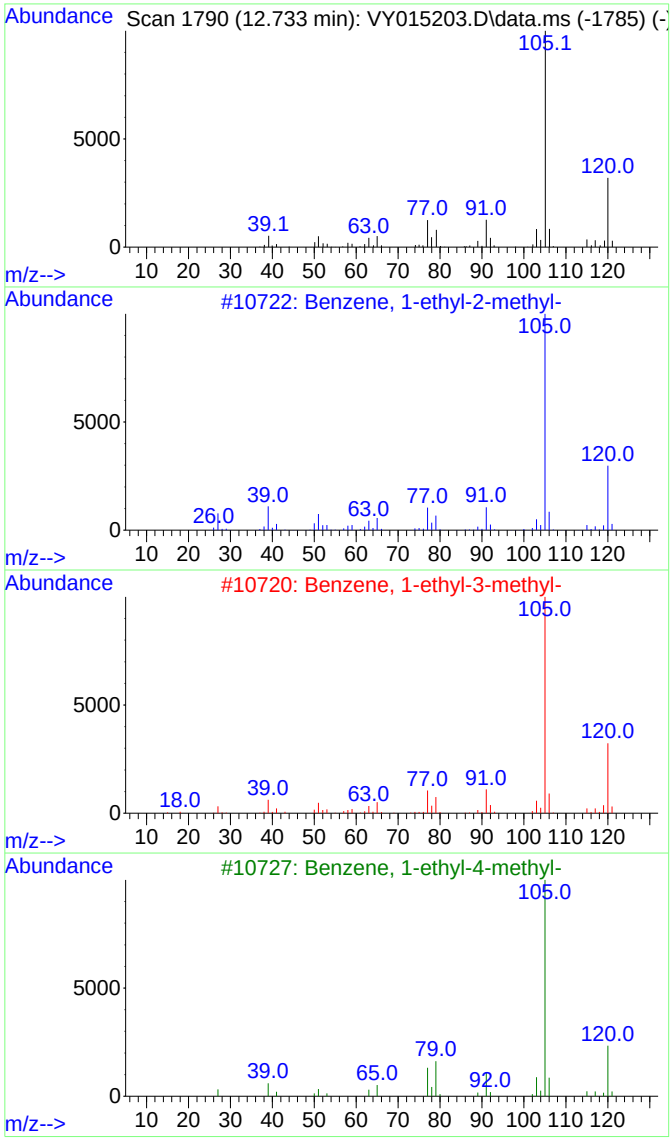
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

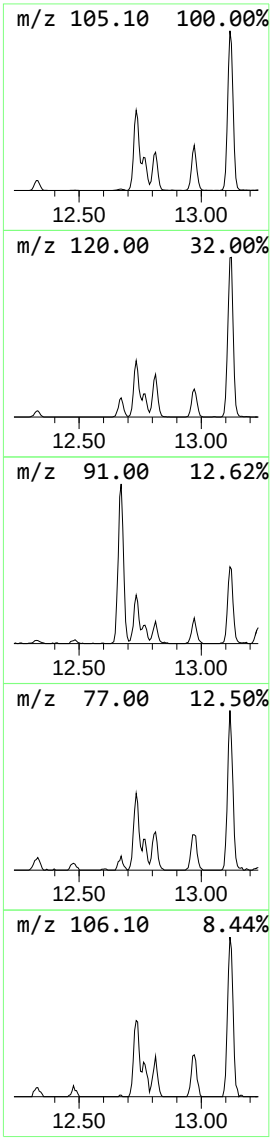
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	10.56 ug/l	176100	1,4-Dichlorobenzene-d4	13.428

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-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
Data File : VY015203.D
Acq On : 18 Aug 2023 18:10
Operator : SY/MD
Sample : 04086-15
Misc : 5.01g/5.2mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP18A

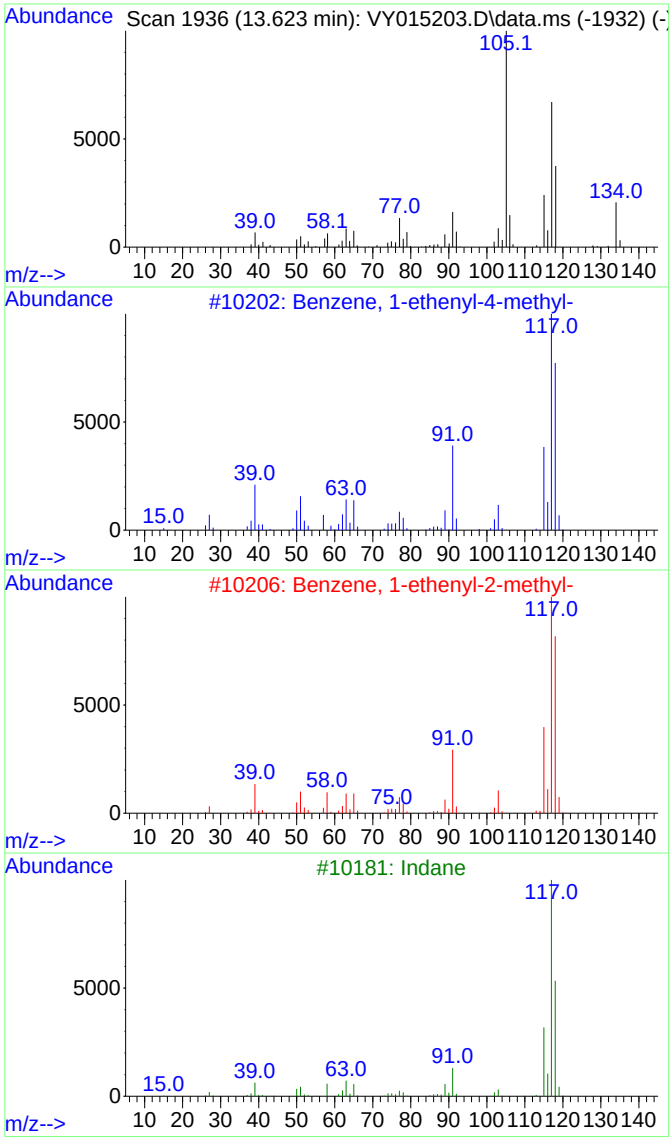
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

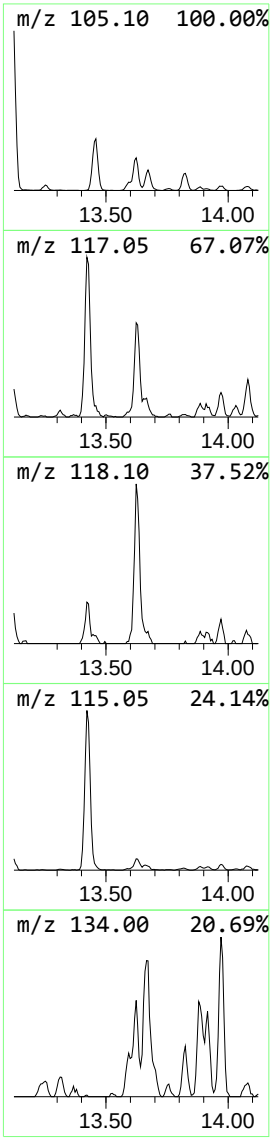
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethenyl-4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.623	5.90 ug/l	98510	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	50
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	50
3	Indane	118	C9H10	000496-11-7	50
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	46
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	46





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Data File : VY015203.D
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Operator : SY/MD
Sample : 04086-15
Misc : 5.01g/5.2mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP18A

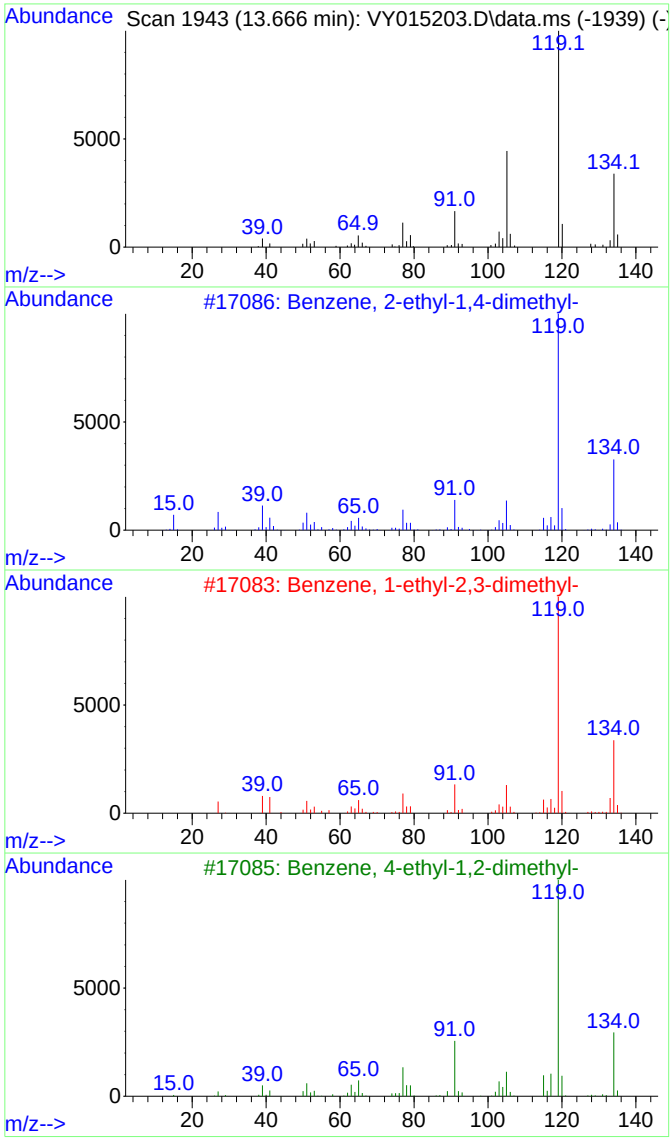
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

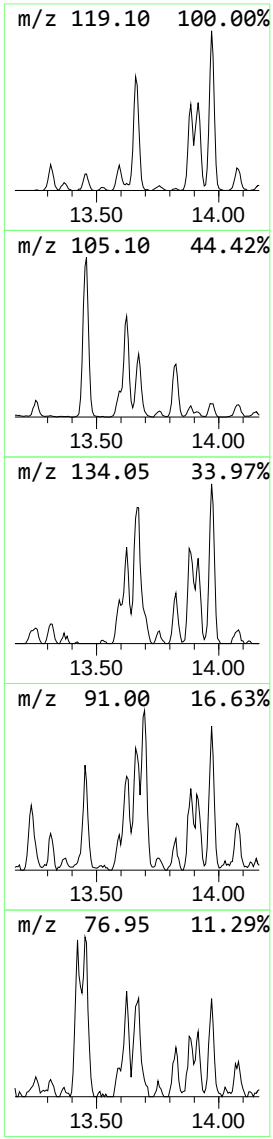
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.666	7.01 ug/l	117017	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5	o-Cymene	134	C10H14	000527-84-4	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
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Operator : SY/MD
Sample : 04086-15
Misc : 5.01g/5.2mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP18A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

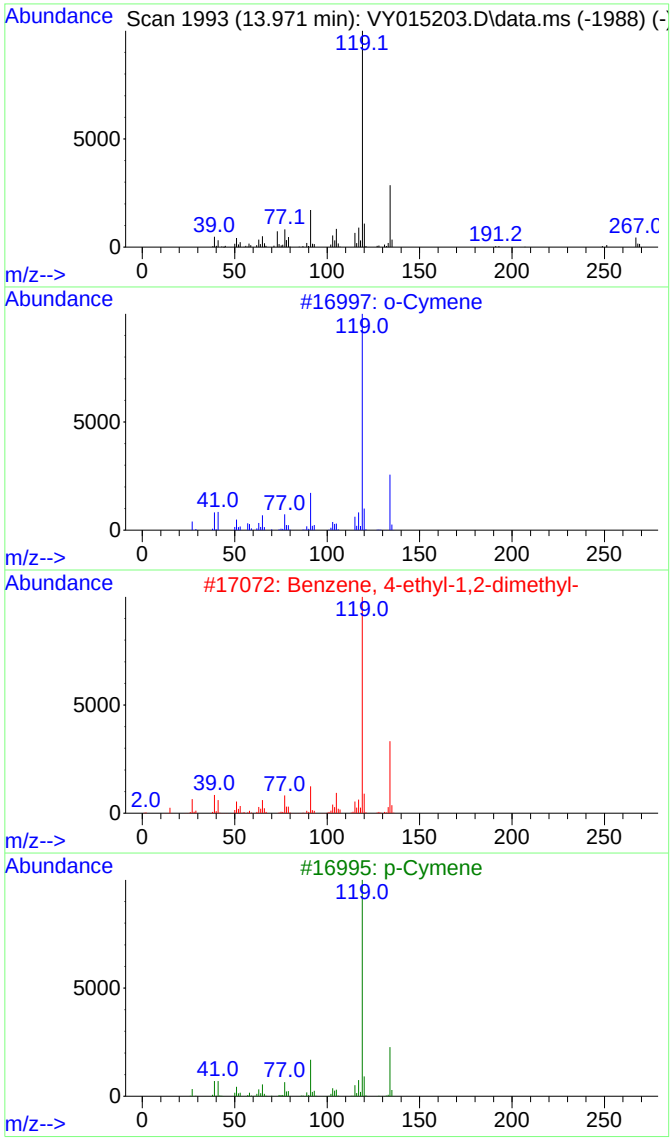
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

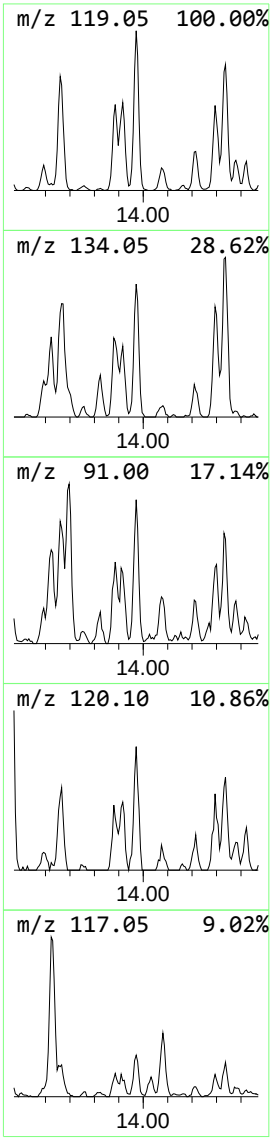
****

Peak Number 7 o-Cymene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.971	5.74 ug/l	95722	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3	p-Cymene	134	C10H14	000099-87-6	94
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
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Operator : SY/MD
Sample : 04086-15
Misc : 5.01g/5.2mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP18A

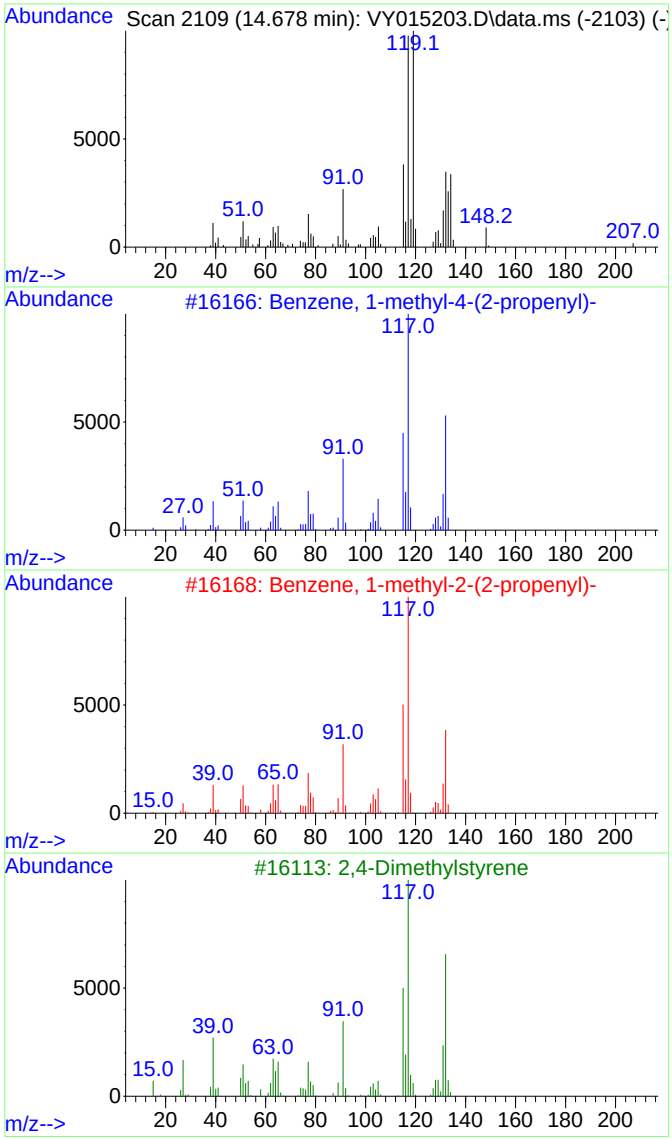
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

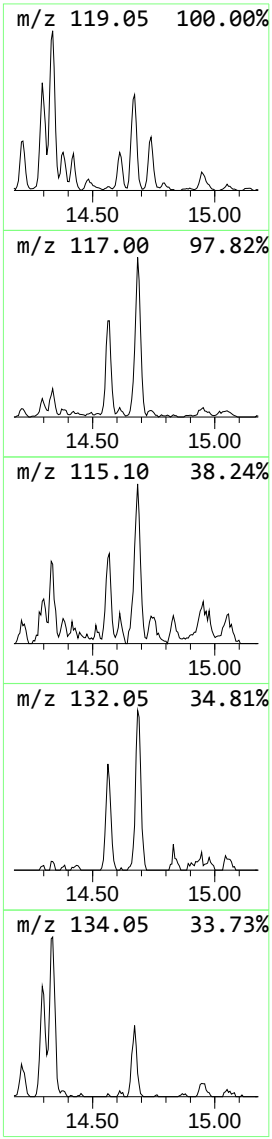
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-methyl-4-(2-prop... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.678	6.33 ug/l	105523	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	91
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	83
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
Data File : VY015203.D
Acq On : 18 Aug 2023 18:10
Operator : SY/MD
Sample : 04086-15
Misc : 5.01g/5.2mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP18A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.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
Butane, 2-methyl-	2.894	7.0	ug/l	61541	1	7.783	436723	50.0
Pentane	3.241	6.3	ug/l	54780	1	7.783	436723	50.0
Benzene, 1-ethy...	12.733	10.6	ug/l	176100	4	13.428	834174	50.0
Benzene, 1-ethe...	13.623	5.9	ug/l	98510	4	13.428	834174	50.0
Benzene, 2-ethy...	13.666	7.0	ug/l	117017	4	13.428	834174	50.0
o-Cymene	13.971	5.7	ug/l	95722	4	13.428	834174	50.0
Benzene, 1-meth...	14.678	6.3	ug/l	105523	4	13.428	834174	50.0