LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041222\
Data File : VW022507.D
Acq On : 12 Apr 2022 15:10
Operator : SY/VA
Sample : N2316-22
Misc : 6.52g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNS0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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_W\Method\SFAMWLM040722SMA.M
Title : SFAM01.0

Signal : TIC: VW022507.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.965	4	10	32	rVB	1406322	2194610	22.29%	8.316%
2	2.355	69	74	83	rBV	128787	219404	2.23%	0.831%
3	2.495	92	97	114	rBV	64071	152041	1.54%	0.576%
4	2.885	155	161	173	rVB	83136	181197	1.84%	0.687%
5	3.538	266	268	270	rBV3	1375	1805	0.02%	0.007%
6	3.605	278	279	285	rVB4	948	1443	0.01%	0.005%
7	3.684	286	292	296	rBV5	2485	4703	0.05%	0.018%
8	3.903	323	328	332	rBV5	2952	6745	0.07%	0.026%
9	4.019	337	347	359	rVV2	137860	428174	4.35%	1.623%
10	4.129	359	365	373	rVB	15076	40079	0.41%	0.152%
11	4.385	399	407	418	rVB	11773	36297	0.37%	0.138%
12	4.757	466	468	471	rVV4	1179	1530	0.02%	0.006%
13	4.787	471	473	476	rVV4	1340	1607	0.02%	0.006%
14	4.922	484	495	500	rVV4	8475	26557	0.27%	0.101%
15	5.013	502	510	521	rVB3	18318	63591	0.65%	0.241%
16	5.178	529	537	538	rBV	14276	22611	0.23%	0.086%
17	5.428	570	578	583	rBV8	2716	7196	0.07%	0.027%
18	5.543	595	597	599	rVV3	1780	2022	0.02%	0.008%
19	5.568	599	601	604	rVV4	1928	2356	0.02%	0.009%
20	5.726	623	627	629	rBV4	812	1376	0.01%	0.005%
21	5.775	632	635	638	rBV4	1191	1942	0.02%	0.007%
22	5.940	655	662	663	rBV5	2915	5600	0.06%	0.021%
23	6.019	671	675	678	rVB6	849	1367	0.01%	0.005%
24	6.312	718	723	726	rBV5	2817	4951	0.05%	0.019%
25	6.683	782	784	789	rVB4	963	1431	0.01%	0.005%
26	6.988	829	834	835	rBV4	2410	4214	0.04%	0.016%
27	7.080	840	849	864	rBV2	46453	144702	1.47%	0.548%
28	7.647	932	942	956	rVB	245859	617070	6.27%	2.338%
29	7.903	982	984	985	rVV2	2233	2101	0.02%	0.008%
30	7.951	988	992	1002	rVB8	4995	12022	0.12%	0.046%
31	8.153	1021	1025	1031	rVB8	2368	4400	0.04%	0.017%
32	8.281	1035	1046	1047	rBV	447465	879832	8.94%	3.334%
33	8.323	1048	1053	1065	rVB2	1202534	2747440	27.91%	10.411%
34	8.567	1089	1093	1102	rVB4	7806	18925	0.19%	0.072%
35	8.628	1102	1103	1107	rVB4	1492	1504	0.02%	0.006%
36	8.689	1109	1113	1120	rVB8	3051	6473	0.07%	0.025%

LSC Area Percent Report

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Operator : SY/VA
Sample : N2316-22
Misc : 6.52g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNS0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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_W\Method\SFAMWLM040722SMA.M
Title : SFAM01.0

37	8.842	1129	1138	1152	rVB	492391	991788	10.08%	3.758%
38	8.988	1156	1162	1168	rBV2	13345	27217	0.28%	0.103%
39	9.189	1193	1195	1197	rVB3	1580	1359	0.01%	0.005%
40	9.274	1200	1209	1217	rBV	320926	657983	6.68%	2.493%
41	9.512	1246	1248	1251	rVB4	1699	1906	0.02%	0.007%
42	9.665	1269	1273	1275	rVV5	1954	2327	0.02%	0.009%
43	9.963	1314	1322	1327	rBV4	18193	35715	0.36%	0.135%
44	10.036	1327	1334	1342	rVV	175030	323747	3.29%	1.227%
45	10.122	1346	1348	1351	rVV4	1223	1378	0.01%	0.005%
46	10.323	1372	1381	1387	rBV	644128	1161140	11.80%	4.400%
47	10.384	1387	1391	1401	rVB	232507	411784	4.18%	1.560%
48	10.500	1408	1410	1414	rVB5	4137	5118	0.05%	0.019%
49	10.579	1416	1423	1431	rVV	107869	191040	1.94%	0.724%
50	10.713	1438	1445	1452	rVV8	10170	24591	0.25%	0.093%
51	10.829	1459	1464	1467	rBV5	2100	4246	0.04%	0.016%
52	10.927	1472	1480	1490	rBV	193957	352121	3.58%	1.334%
53	11.183	1516	1522	1526	rVB9	1832	4244	0.04%	0.016%
54	11.292	1536	1540	1549	rVB9	5510	11341	0.12%	0.043%
55	11.408	1557	1559	1563	rVB5	1474	1587	0.02%	0.006%
56	11.475	1566	1570	1579	rVB6	7171	13335	0.14%	0.051%
57	11.652	1588	1599	1607	rBV2	5022852	9843916	100.00%	37.303%
58	11.835	1621	1629	1640	rVB2	48183	101026	1.03%	0.383%
59	11.939	1643	1646	1648	rVV4	1139	1679	0.02%	0.006%
60	11.963	1648	1650	1656	rVV7	2028	4306	0.04%	0.016%
61	12.109	1672	1674	1677	rBV3	1338	1759	0.02%	0.007%
62	12.164	1677	1683	1691	rVB	38873	70102	0.71%	0.266%
63	12.359	1709	1715	1722	rBV10	3205	8161	0.08%	0.031%
64	12.469	1729	1733	1737	rBV7	4183	6555	0.07%	0.025%
65	12.518	1740	1741	1746	rVB5	2218	2274	0.02%	0.009%
66	12.603	1748	1755	1760	rVV4	16028	30899	0.31%	0.117%
67	12.688	1760	1769	1775	rVV	291978	512732	5.21%	1.943%
68	12.743	1775	1778	1785	rVB2	39042	64602	0.66%	0.245%
69	12.890	1793	1802	1806	rBV6	15367	39469	0.40%	0.150%
70	12.938	1806	1810	1815	rVB4	10481	17190	0.17%	0.065%
71	13.103	1830	1837	1844	rBV2	8492	17185	0.17%	0.065%
72	13.194	1848	1852	1855	rVB4	2800	4369	0.04%	0.017%
73	13.249	1855	1861	1866	rBV	17742	32536	0.33%	0.123%
74	13.377	1876	1882	1883	rBV4	2491	4645	0.05%	0.018%
75	13.402	1884	1886	1890	rVV5	4368	5985	0.06%	0.023%
76	13.463	1892	1896	1901	rVV7	11400	29486	0.30%	0.112%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041222\
Data File : VW022507.D
Acq On : 12 Apr 2022 15:10
Operator : SY/VA
Sample : N2316-22
Misc : 6.52g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNS0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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_W\Method\SFAMWLM040722SMA.M
Title : SFAM01.0

77	13.554	1905	1911	1921	rVV	875240	1423887	14.46%	5.396%
78	13.639	1921	1925	1933	rVB7	10668	22205	0.23%	0.084%
79	13.853	1952	1960	1970	rVB	674906	1152194	11.70%	4.366%
80	14.005	1978	1985	1986	rBV6	2879	5927	0.06%	0.022%
81	14.060	1992	1994	2006	rVB2	7756	19234	0.20%	0.073%
82	14.176	2008	2013	2020	rVV10	5985	16208	0.16%	0.061%
83	14.328	2034	2038	2042	rBV7	3881	6676	0.07%	0.025%
84	14.462	2049	2060	2066	rBV	59582	113250	1.15%	0.429%
85	14.517	2066	2069	2073	rVV4	5269	7660	0.08%	0.029%
86	14.621	2083	2086	2094	rVB9	3742	7465	0.08%	0.028%
87	14.694	2094	2098	2100	rBV5	2391	4329	0.04%	0.016%
88	14.822	2110	2119	2120	rBV7	29227	65657	0.67%	0.249%
89	15.127	2163	2169	2174	rVB3	17483	30696	0.31%	0.116%
90	15.249	2185	2189	2196	rVB8	7036	13207	0.13%	0.050%
91	15.365	2203	2208	2212	rVB3	6511	11347	0.12%	0.043%
92	15.493	2223	2229	2232	rBV4	4642	8600	0.09%	0.033%
93	15.731	2265	2268	2271	rBV5	3781	5085	0.05%	0.019%
94	15.852	2282	2288	2295	rVB10	7257	14659	0.15%	0.056%
95	16.023	2314	2316	2320	rVB5	2142	2973	0.03%	0.011%
96	16.054	2320	2321	2325	rBV4	1801	1574	0.02%	0.006%
97	16.090	2325	2327	2331	rBV5	1538	2317	0.02%	0.009%
98	16.273	2348	2357	2363	rBV	114569	242280	2.46%	0.918%
99	16.322	2363	2365	2372	rVB6	12717	22104	0.22%	0.084%
100	16.529	2390	2399	2407	rBV2	150346	317314	3.22%	1.202%

Sum of corrected areas: 26389009

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041222\
Data File : VW022507.D
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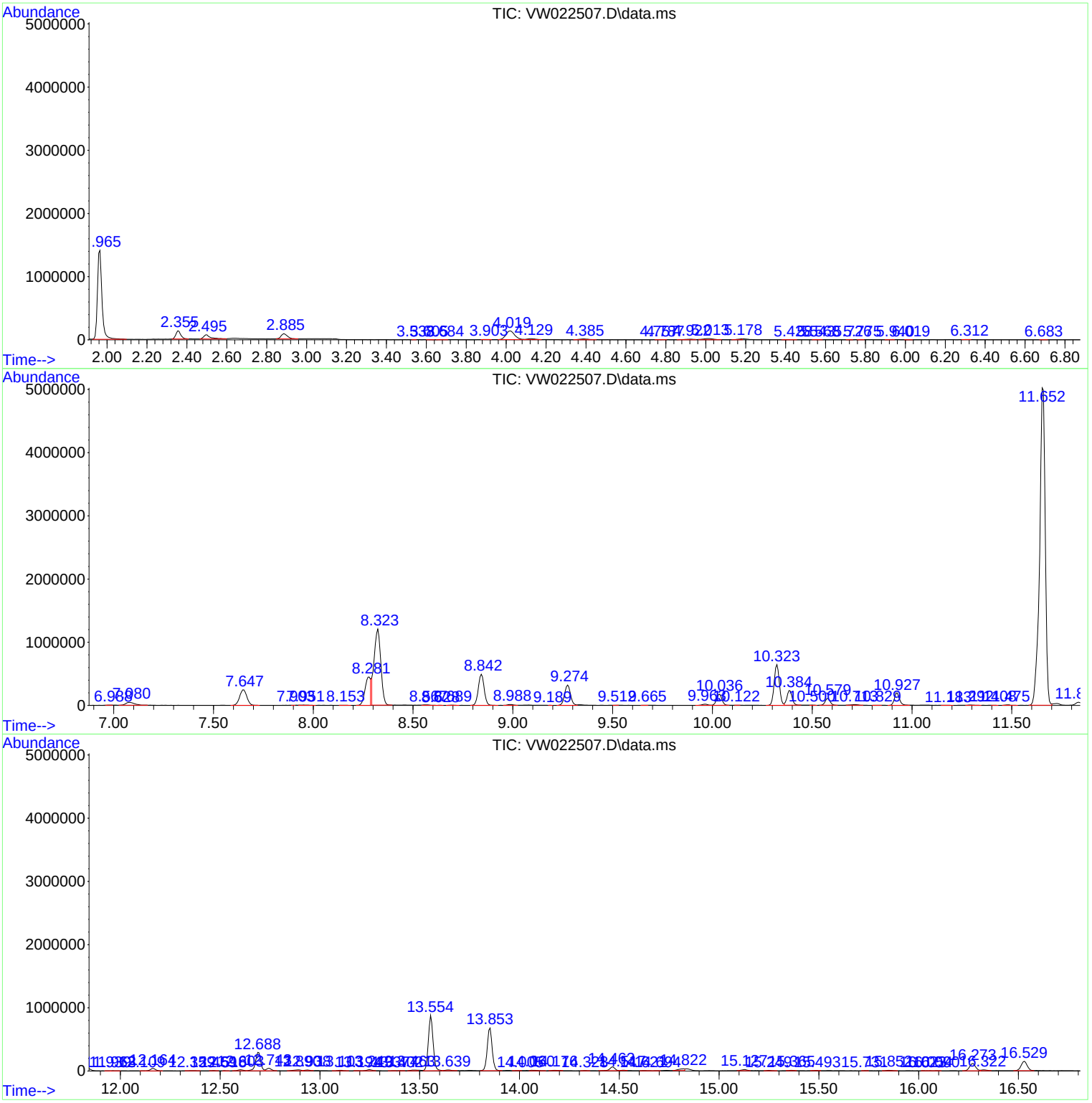
Operator : SY/VA
Sample : N2316-22
Misc : 6.52g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNS0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041222\
Data File : VW022507.D
Acq On : 12 Apr 2022 15:10
Operator : SY/VA
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNS0

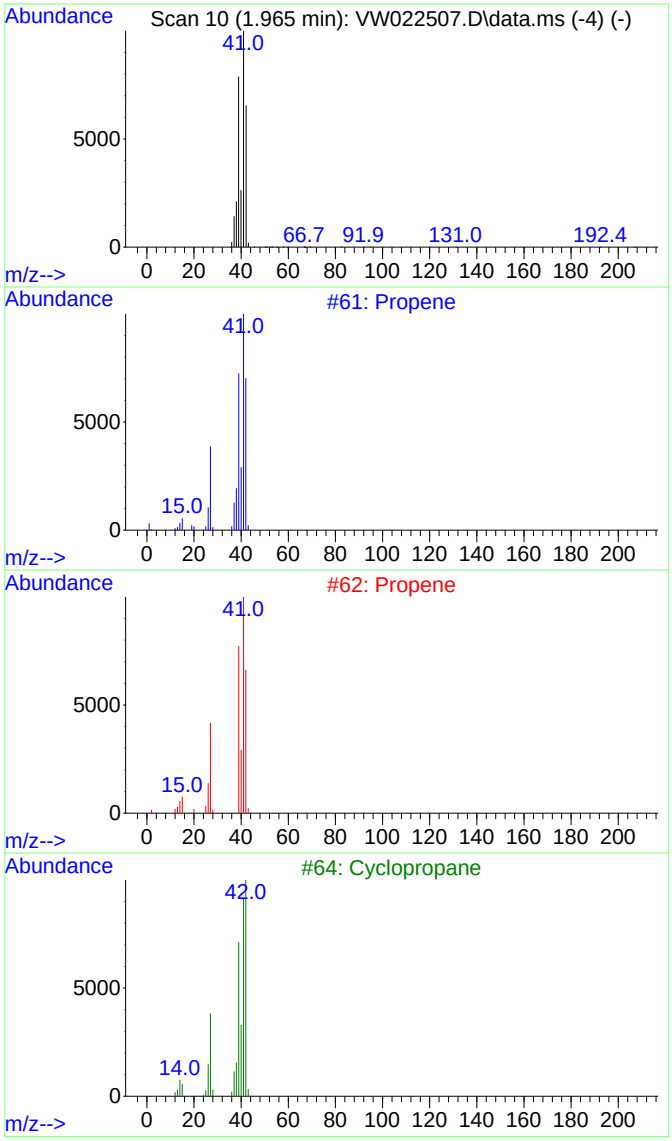
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

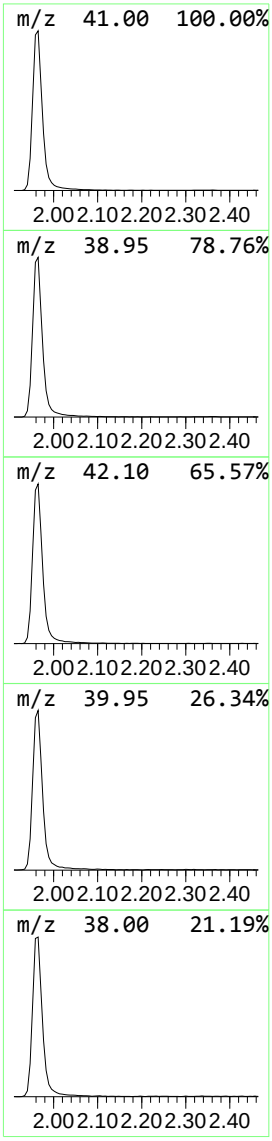
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.965	55.32 ug/L	2194610	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Propene	42	C3H6	000115-07-1	59
3	Cyclopropane	42	C3H6	000075-19-4	10
4	Cyclopropene	40	C3H4	002781-85-3	10
5	Cyclopropane	42	C3H6	000075-19-4	7





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041222\
Data File : VW022507.D
Acq On : 12 Apr 2022 15:10
Operator : SY/VA
Sample : N2316-22
Misc : 6.52g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNS0

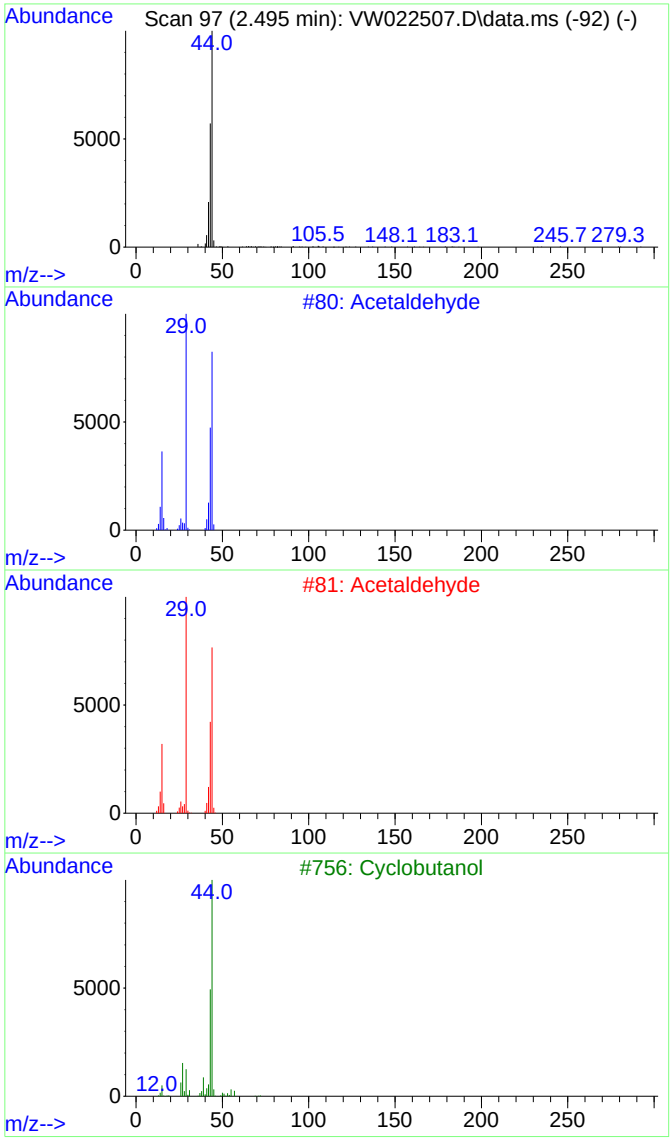
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

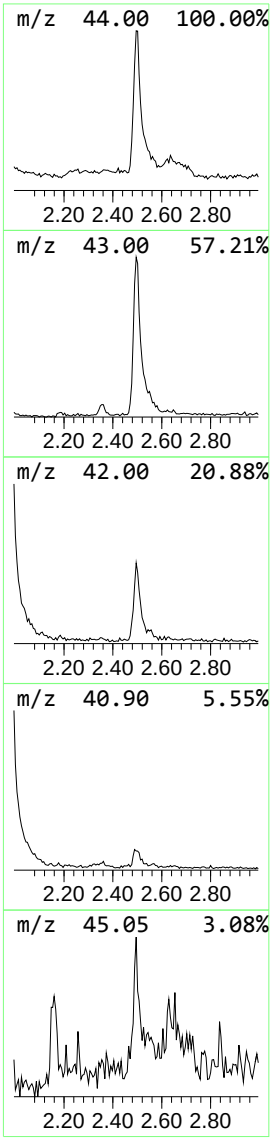
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Acetaldehyde Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.495	3.83 ug/L	152041	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	56
2	Acetaldehyde	44	C2H4O	000075-07-0	56
3	Cyclobutanol	72	C4H8O	002919-23-5	9
4	1,2-Propanediamine	74	C3H10N2	000078-90-0	7
5	Propane	44	C3H8	000074-98-6	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041222\
Data File : VW022507.D
Acq On : 12 Apr 2022 15:10
Operator : SY/VA
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Misc : 6.52g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNS0

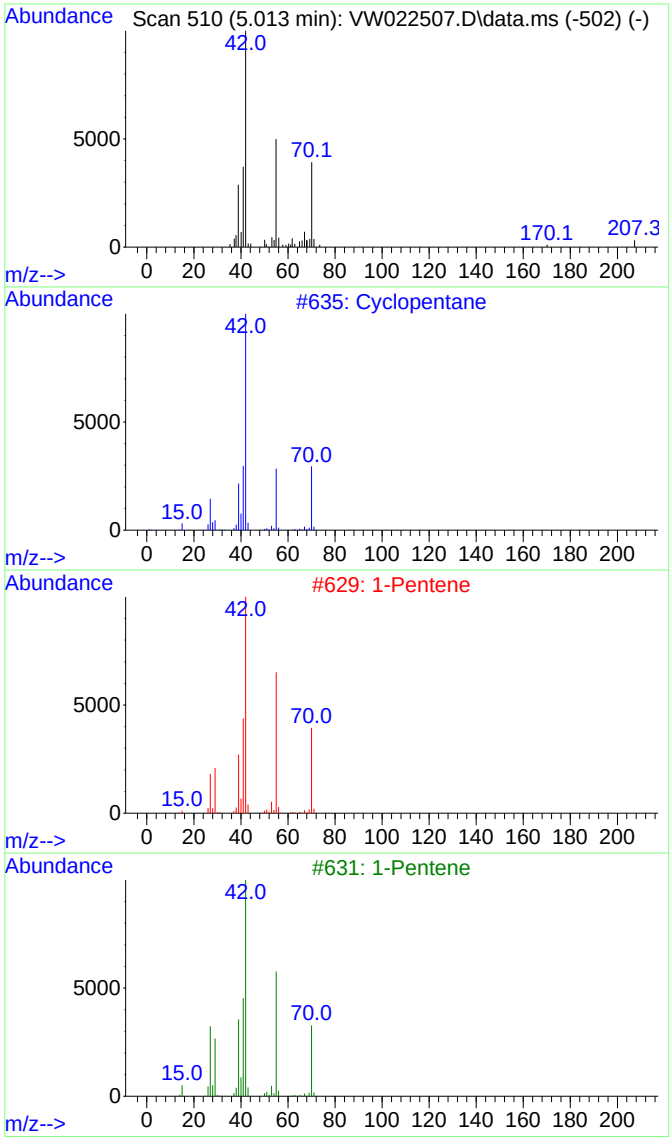
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

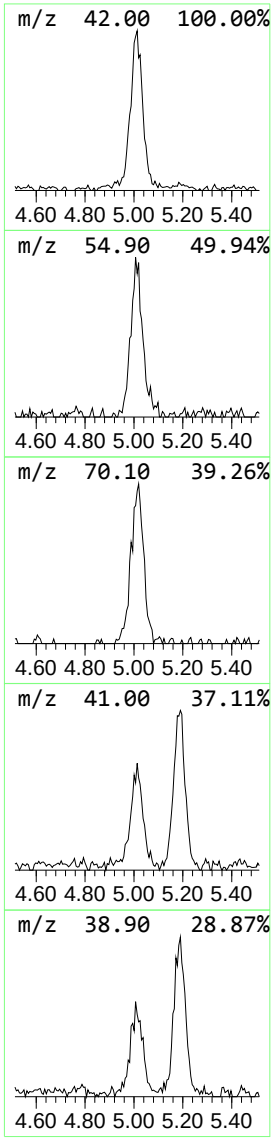
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic5.013 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.013	1.60 ug/L	63591	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane	70	C5H10	000287-92-3	80
2	1-Pentene	70	C5H10	000109-67-1	80
3	1-Pentene	70	C5H10	000109-67-1	72
4	Cyclopropane, ethyl-	70	C5H10	001191-96-4	64
5	Cyclopropane, ethyl-	70	C5H10	001191-96-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041222\
Data File : VW022507.D
Acq On : 12 Apr 2022 15:10
Operator : SY/VA
Sample : N2316-22
Misc : 6.52g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNS0

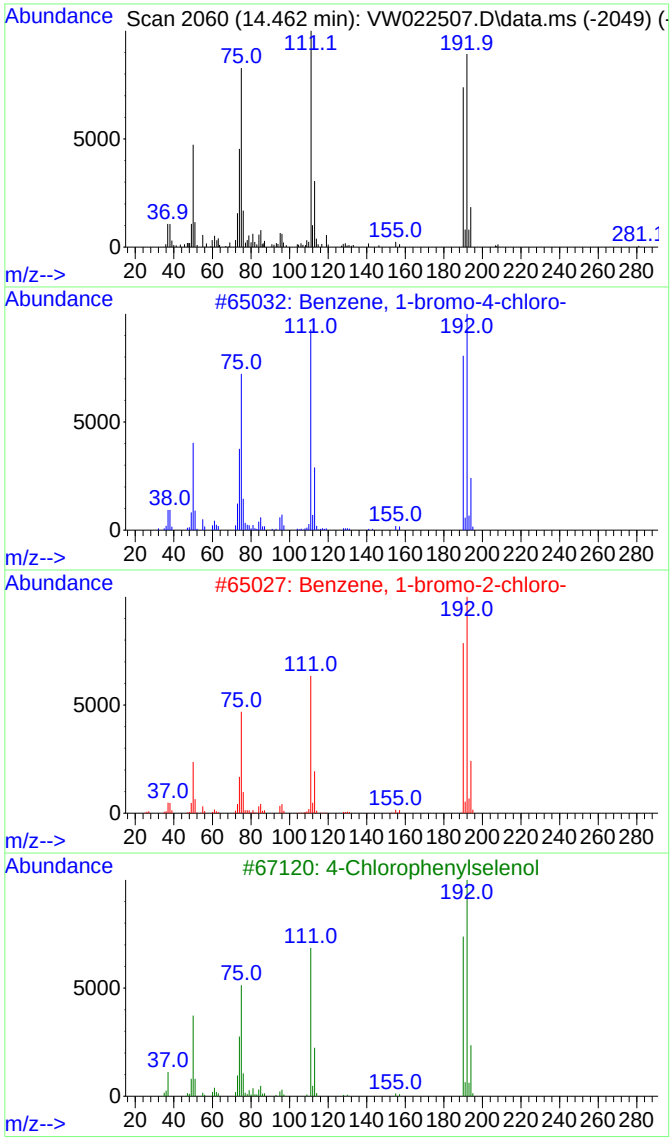
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

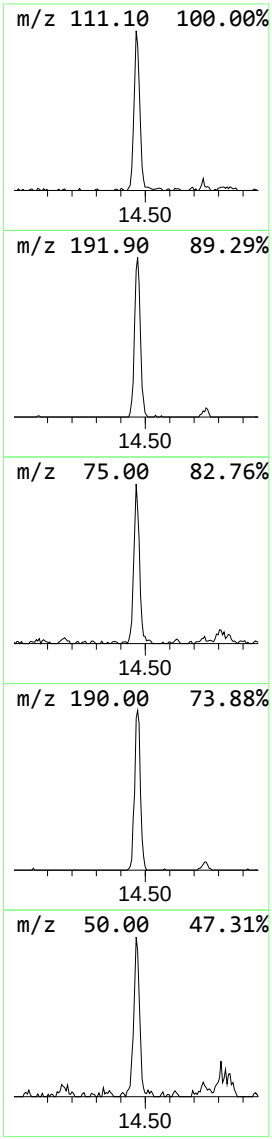
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-bromo-4-chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.463	1.99 ug/L	113250	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	98
2	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	97
3	4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	96
4	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	95
5	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041222\
Data File : VW022507.D
Acq On : 12 Apr 2022 15:10
Operator : SY/VA
Sample : N2316-22
Misc : 6.52g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNS0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

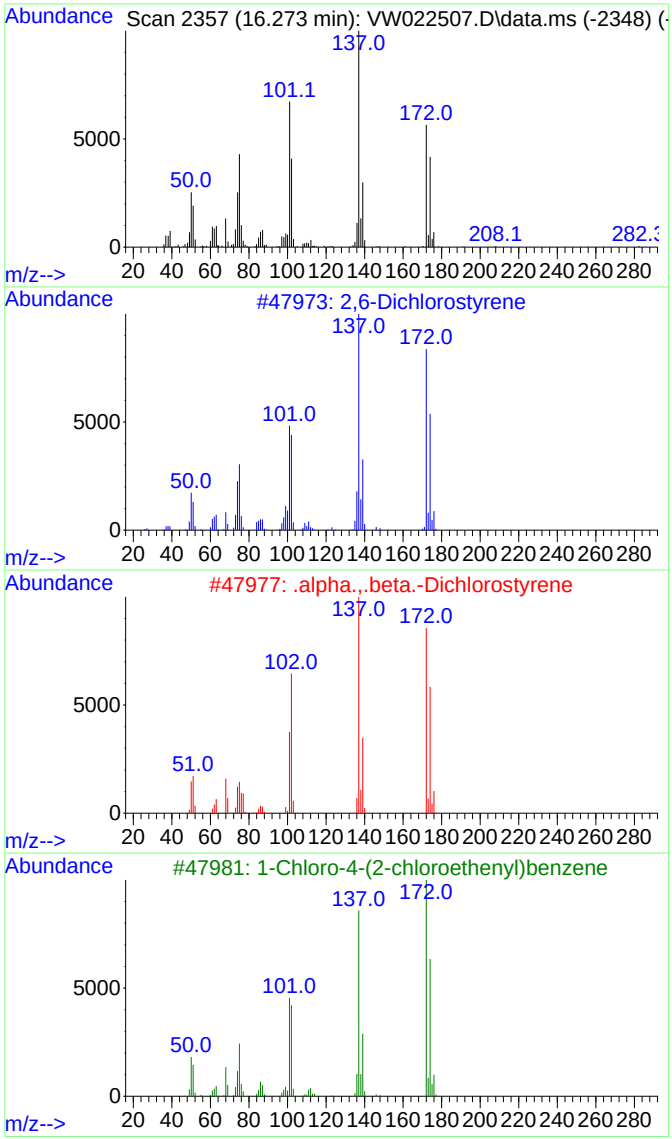
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

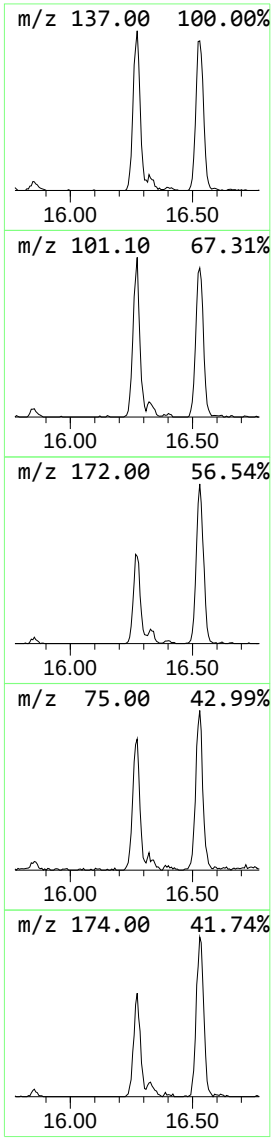
****

Peak Number 6 2,6-Dichlorostyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.273	4.25 ug/L	242280	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dichlorostyrene	172	C8H6Cl2	028469-92-3	93
2	.alpha.,.beta.-Dichlorostyrene	172	C8H6Cl2	006607-45-0	70
3	1-Chloro-4-(2-chloroethenyl)benzene	172	C8H6Cl2	1010305-36-1	70
4	Benzene, (2,2-dichloroethenyl)-	172	C8H6Cl2	000698-88-4	68
5	Benzonitrile, 4-chloro-	137	C7H4ClN	000623-03-0	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041222\
Data File : VW022507.D
Acq On : 12 Apr 2022 15:10
Operator : SY/VA
Sample : N2316-22
Misc : 6.52g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNS0

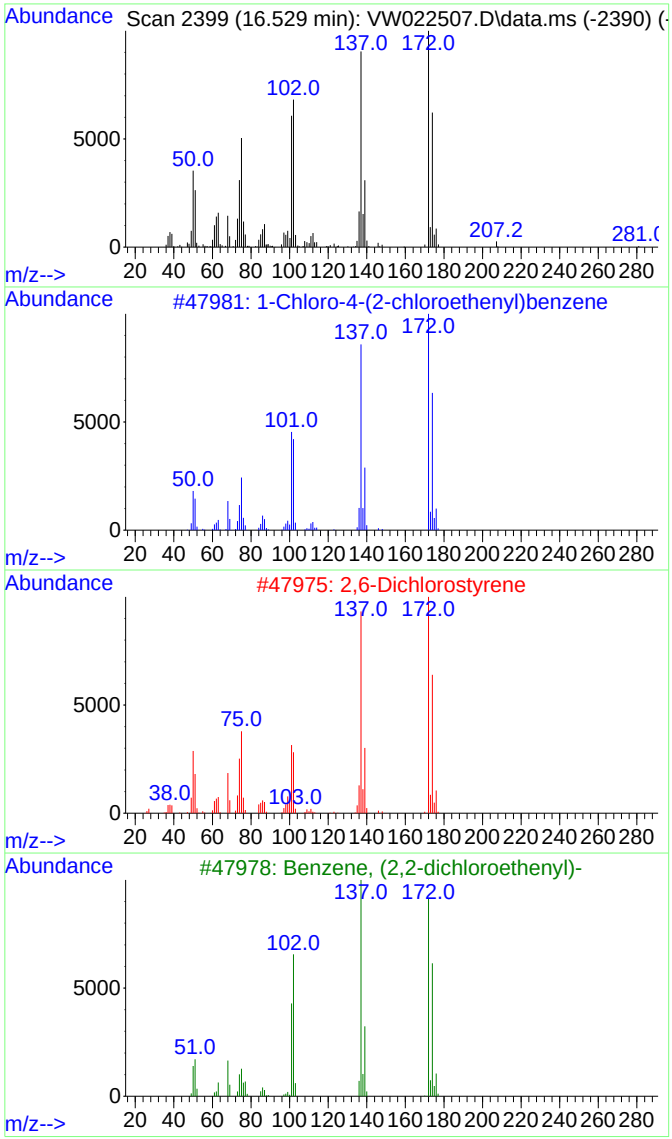
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

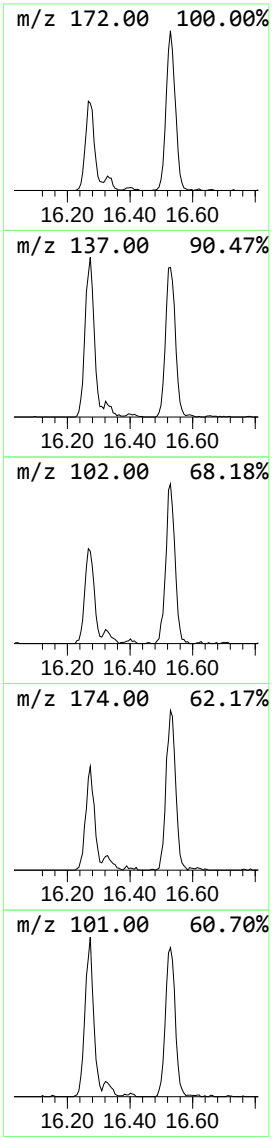
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1-Chloro-4-(2-chloroethenyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.529	5.57 ug/L	317314	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Chloro-4-(2-chloroethenyl)benzene	172	C8H6Cl2	1010305-36-1	95
2	2,6-Dichlorostyrene	172	C8H6Cl2	028469-92-3	93
3	Benzene, (2,2-dichloroethenyl)-	172	C8H6Cl2	000698-88-4	93
4	2,6-Dichlorostyrene	172	C8H6Cl2	028469-92-3	93
5	2,6-Dichlorostyrene	172	C8H6Cl2	028469-92-3	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041222\
Data File : VW022507.D
Acq On : 12 Apr 2022 15:10
Operator : SY/VA
Sample : N2316-22
Misc : 6.52g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNS0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	1.965	55.3	ug/L	2194610	1	8.842	991788	25.0
Acetaldehyde	2.495	3.8	ug/L	152041	1	8.842	991788	25.0
(DEL) Alkane: C...	5.013	1.6	ug/L	63591	1	8.842	991788	25.0
Benzene, 1-brom...	14.463	2.0	ug/L	113250	3	13.554	1423890	25.0
2,6-Dichlorosty...	16.273	4.3	ug/L	242280	3	13.554	1423890	25.0
1-Chloro-4-(2-c...	16.529	5.6	ug/L	317314	3	13.554	1423890	25.0