LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041222\
Data File : VW022502.D
Acq On : 12 Apr 2022 13:09
Operator : SY/VA
Sample : N2316-09
Misc : 6.45g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ8

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: VW022502.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.958	4	9	28	rVB	758160	1125383	11.80%	4.422%
2	2.221	48	52	53	rBV3	3506	4316	0.05%	0.017%
3	2.355	68	74	85	rBV	138220	240947	2.53%	0.947%
4	2.495	92	97	113	rBV	56535	119237	1.25%	0.469%
5	2.885	155	161	174	rVB	87747	192024	2.01%	0.755%
6	3.379	236	242	245	rBV7	2146	3394	0.04%	0.013%
7	3.690	288	293	298	rBV6	2109	4176	0.04%	0.016%
8	3.861	318	321	322	rBV3	1521	1626	0.02%	0.006%
9	3.903	324	328	334	rVV6	3125	7448	0.08%	0.029%
10	4.019	336	347	359	rVV	147045	456933	4.79%	1.796%
11	4.123	361	364	372	rVB	11526	24333	0.26%	0.096%
12	4.184	372	374	376	rBV3	1301	1565	0.02%	0.006%
13	4.385	398	407	416	rVV	17714	53601	0.56%	0.211%
14	4.452	416	418	422	rVB4	1817	2187	0.02%	0.009%
15	4.641	447	449	454	rBV6	1037	1667	0.02%	0.007%
16	4.909	487	493	496	rBV7	4179	8271	0.09%	0.033%
17	4.988	504	506	510	rBV5	1286	2113	0.02%	0.008%
18	5.190	527	539	547	rBV6	6425	22629	0.24%	0.089%
19	5.342	562	564	569	rVB4	1142	1608	0.02%	0.006%
20	5.409	573	575	577	rBV3	1209	1439	0.02%	0.006%
21	5.452	580	582	588	rVV6	1521	2475	0.03%	0.010%
22	5.561	595	600	606	rVV6	2707	7332	0.08%	0.029%
23	5.787	631	637	643	rBV9	2377	4957	0.05%	0.019%
24	5.927	652	660	669	rBV10	2663	7562	0.08%	0.030%
25	6.104	683	689	691	rBV7	1529	3060	0.03%	0.012%
26	6.202	702	705	706	rBV2	1506	1726	0.02%	0.007%
27	6.976	825	832	833	rBV5	3398	5210	0.05%	0.020%
28	7.080	841	849	861	rBV	45987	132961	1.39%	0.522%
29	7.451	903	910	915	rBV6	545	1483	0.02%	0.006%
30	7.653	932	943	956	rBV	265090	663262	6.95%	2.606%
31	7.775	960	963	966	rVB4	1096	1576	0.02%	0.006%
32	7.909	979	985	986	rVV6	2241	4103	0.04%	0.016%
33	7.951	989	992	997	rVB5	2843	4585	0.05%	0.018%
34	8.274	1032	1045	1047	rBV	482021	960393	10.07%	3.774%
35	8.323	1048	1053	1064	rVB	1342696	3041109	31.88%	11.951%
36	8.561	1085	1092	1100	rVB6	9602	23886	0.25%	0.094%

LSC Area Percent Report

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Operator : SY/VA
Sample : N2316-09
Misc : 6.45g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ8

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	8.695	1109	1114	1123	rVB9	3416	8682	0.09%	0.034%
38	8.841	1127	1138	1150	rBV	500206	985984	10.34%	3.875%
39	8.988	1157	1162	1167	rBV2	11515	21826	0.23%	0.086%
40	9.091	1169	1179	1188	rVB5	32021	79227	0.83%	0.311%
41	9.274	1200	1209	1218	rBV	342544	707693	7.42%	2.781%
42	9.506	1241	1247	1252	rBV6	4653	8645	0.09%	0.034%
43	9.664	1268	1273	1278	rBV8	2105	4290	0.04%	0.017%
44	9.750	1283	1287	1291	rBV7	1662	2656	0.03%	0.010%
45	9.896	1309	1311	1314	rBV3	1279	1733	0.02%	0.007%
46	9.963	1314	1322	1327	rBV	57245	107438	1.13%	0.422%
47	10.036	1327	1334	1343	rVB	183856	334193	3.50%	1.313%
48	10.323	1373	1381	1387	rBV	695636	1230727	12.90%	4.836%
49	10.384	1387	1391	1400	rVB2	124490	225615	2.37%	0.887%
50	10.579	1415	1423	1433	rBV	113963	208516	2.19%	0.819%
51	10.658	1434	1436	1438	rVV2	2580	3186	0.03%	0.013%
52	10.713	1440	1445	1459	rVB6	18562	46618	0.49%	0.183%
53	10.847	1465	1467	1473	rVB7	1697	2585	0.03%	0.010%
54	10.926	1473	1480	1497	rBV2	349703	640152	6.71%	2.516%
55	11.061	1497	1502	1509	rVB7	4760	12450	0.13%	0.049%
56	11.176	1517	1521	1525	rBV5	1675	2738	0.03%	0.011%
57	11.231	1526	1530	1533	rVB5	2102	3097	0.03%	0.012%
58	11.286	1534	1539	1547	rBV3	12797	22292	0.23%	0.088%
59	11.371	1551	1553	1554	rBV2	1340	1385	0.01%	0.005%
60	11.402	1557	1558	1562	rVB4	2297	2074	0.02%	0.008%
61	11.475	1566	1570	1575	rBV5	6939	11103	0.12%	0.044%
62	11.554	1579	1583	1588	rBV3	10800	16544	0.17%	0.065%
63	11.652	1588	1599	1607	rBV2	4940332	9538071	100.00%	37.482%
64	11.841	1620	1630	1638	rVB3	23958	55237	0.58%	0.217%
65	11.969	1647	1651	1653	rBV5	2749	4252	0.04%	0.017%
66	12.066	1662	1667	1671	rBV8	2156	4150	0.04%	0.016%
67	12.164	1673	1683	1690	rBV	27981	53073	0.56%	0.209%
68	12.353	1710	1714	1717	rBV6	3148	4665	0.05%	0.018%
69	12.463	1727	1732	1738	rBV6	5479	10731	0.11%	0.042%
70	12.603	1749	1755	1759	rBV3	13835	25336	0.27%	0.100%
71	12.688	1759	1769	1774	rVV	313115	554405	5.81%	2.179%
72	12.743	1774	1778	1787	rVB	83128	133436	1.40%	0.524%
73	12.889	1794	1802	1806	rBV4	29129	58903	0.62%	0.231%
74	12.932	1807	1809	1814	rVV4	12463	20722	0.22%	0.081%
75	12.987	1814	1818	1829	rVB2	13847	26820	0.28%	0.105%
76	13.103	1829	1837	1844	rBV2	11568	24500	0.26%	0.096%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041222\
Data File : VW022502.D
Acq On : 12 Apr 2022 13:09
Operator : SY/VA
Sample : N2316-09
Misc : 6.45g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ8

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	13.188	1844	1851	1855	rBV9	2402	5298	0.06%	0.021%
78	13.249	1855	1861	1866	rBV	15840	27736	0.29%	0.109%
79	13.292	1866	1868	1874	rVB7	4052	6707	0.07%	0.026%
80	13.365	1878	1880	1883	rBV4	2903	3531	0.04%	0.014%
81	13.481	1896	1899	1900	rBV3	2091	2410	0.03%	0.009%
82	13.554	1904	1911	1920	rVV	836460	1372059	14.39%	5.392%
83	13.645	1921	1926	1932	rVB7	14545	29843	0.31%	0.117%
84	13.749	1941	1943	1948	rVB5	4775	6962	0.07%	0.027%
85	13.847	1952	1959	1970	rVB	689756	1175471	12.32%	4.619%
86	13.987	1980	1982	1987	rVB6	4610	5800	0.06%	0.023%
87	14.060	1991	1994	2002	rVB	8761	15223	0.16%	0.060%
88	14.316	2032	2036	2041	rBV8	4917	11625	0.12%	0.046%
89	14.462	2055	2060	2066	rVB2	29973	51212	0.54%	0.201%
90	14.627	2083	2087	2093	rVB6	9900	19038	0.20%	0.075%
91	14.773	2109	2111	2112	rBV2	3295	2280	0.02%	0.009%
92	14.853	2120	2124	2128	rBV7	5382	6766	0.07%	0.027%
93	15.121	2164	2168	2173	rVB6	10700	17955	0.19%	0.071%
94	15.243	2186	2188	2194	rVB5	8876	14021	0.15%	0.055%
95	15.328	2199	2202	2203	rBV3	3902	4349	0.05%	0.017%
96	15.737	2263	2269	2275	rBV6	25715	59783	0.63%	0.235%
97	15.822	2279	2283	2288	rVB6	15952	29449	0.31%	0.116%
98	16.267	2349	2356	2363	rBV3	67364	146015	1.53%	0.574%
99	16.529	2393	2399	2404	rBV4	38192	74486	0.78%	0.293%
100	16.584	2405	2408	2409	rBV2	13037	12817	0.13%	0.050%

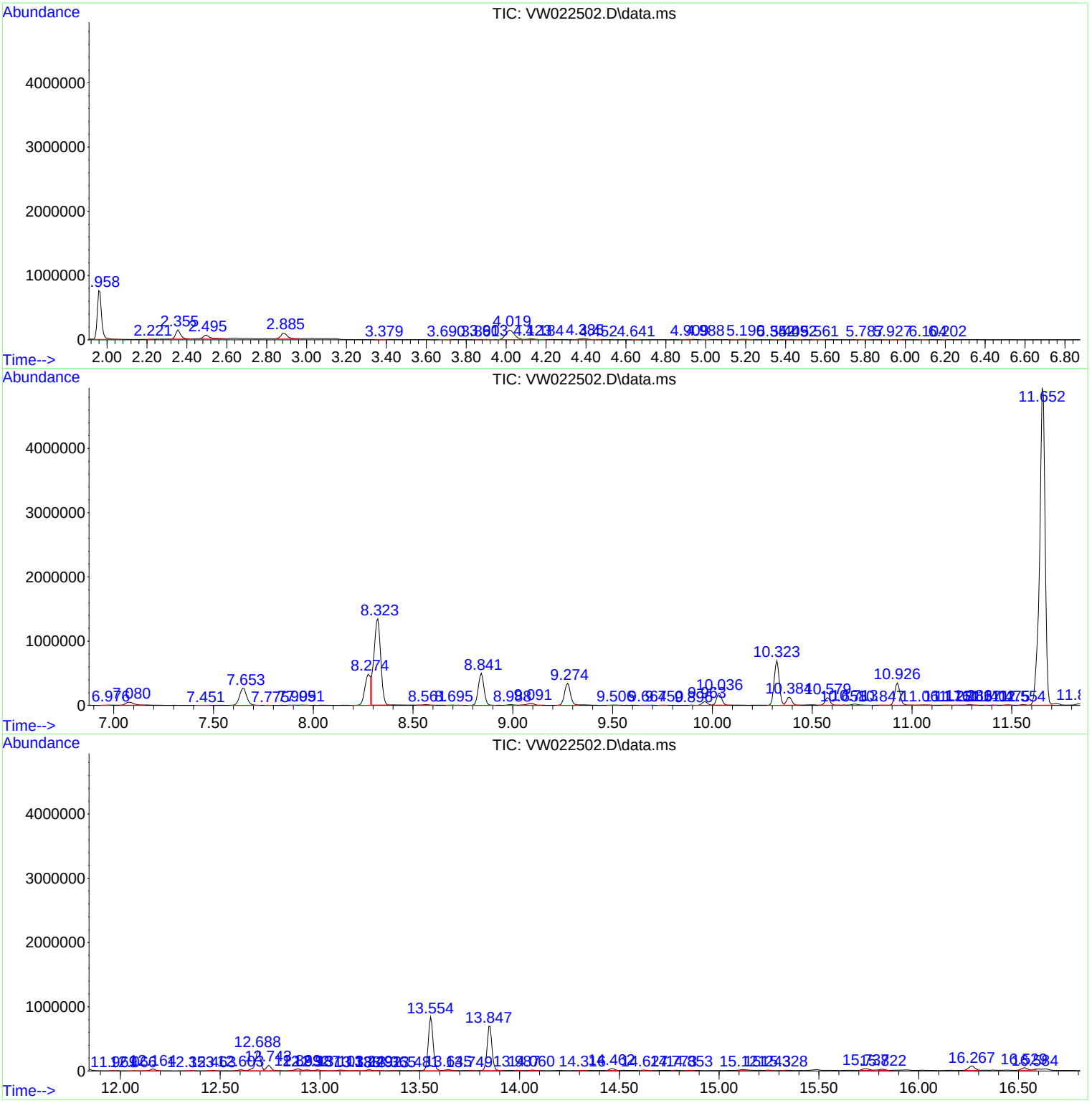
Sum of corrected areas: 25447163

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041222\
Data File : VW022502.D
Acq On : 12 Apr 2022 13:09
Operator : SY/VA
Sample : N2316-09
Misc : 6.45g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ8

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 : VW022502.D
Acq On : 12 Apr 2022 13:09
Operator : SY/VA
Sample : N2316-09
Misc : 6.45g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ8

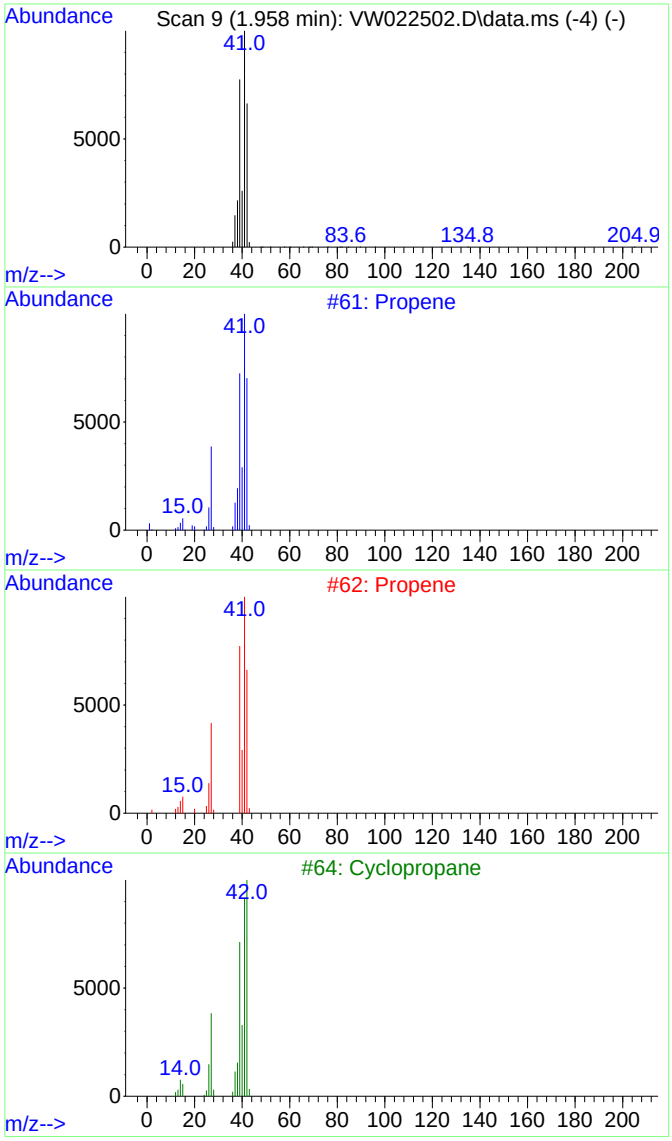
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

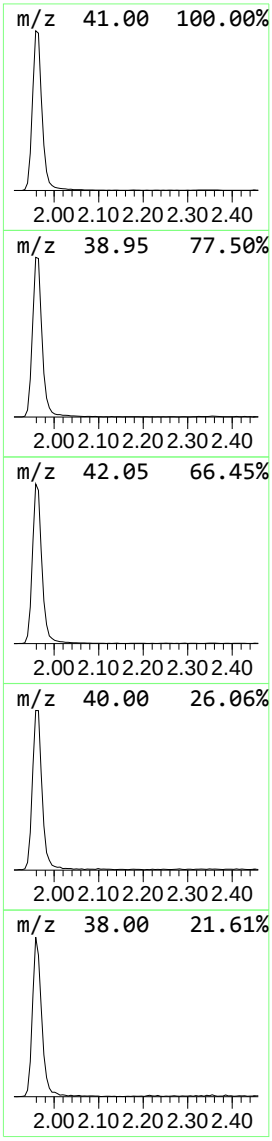
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.958	28.53 ug/L	1125380	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Propene	42	C3H6	000115-07-1	64
3	Cyclopropane	42	C3H6	000075-19-4	10
4	Cyclopropene	40	C3H4	002781-85-3	9
5	Cyclopropane	42	C3H6	000075-19-4	7





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041222\
Data File : VW022502.D
Acq On : 12 Apr 2022 13:09
Operator : SY/VA
Sample : N2316-09
Misc : 6.45g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ8

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

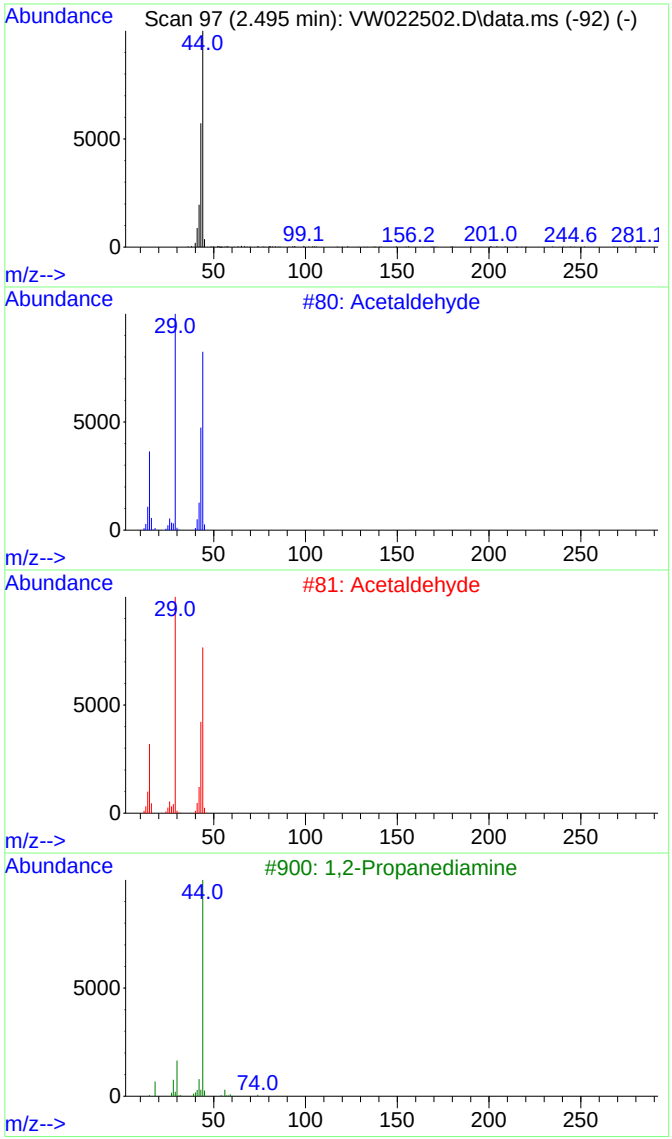
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

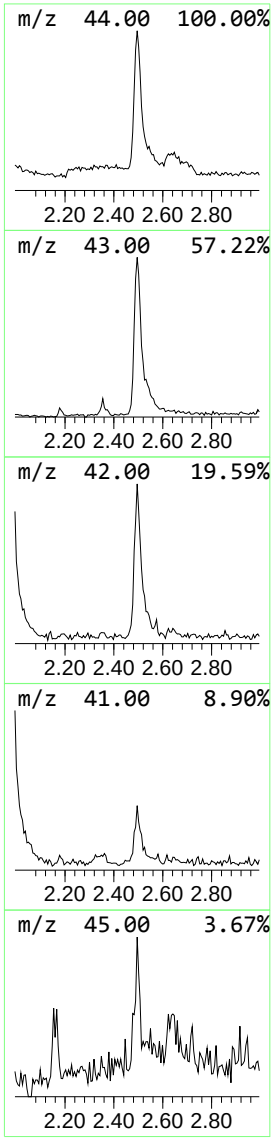
****

Peak Number 2 Acetaldehyde Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.495	3.02 ug/L	119237	1,4-Difluorobenzene	8.841

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	1,2-Propanediamine	74	C3H10N2	000078-90-0	9
4	Propane	44	C3H8	000074-98-6	5
5	Ethylene oxide	44	C2H4O	000075-21-8	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041222\
Data File : VW022502.D
Acq On : 12 Apr 2022 13:09
Operator : SY/VA
Sample : N2316-09
Misc : 6.45g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ8

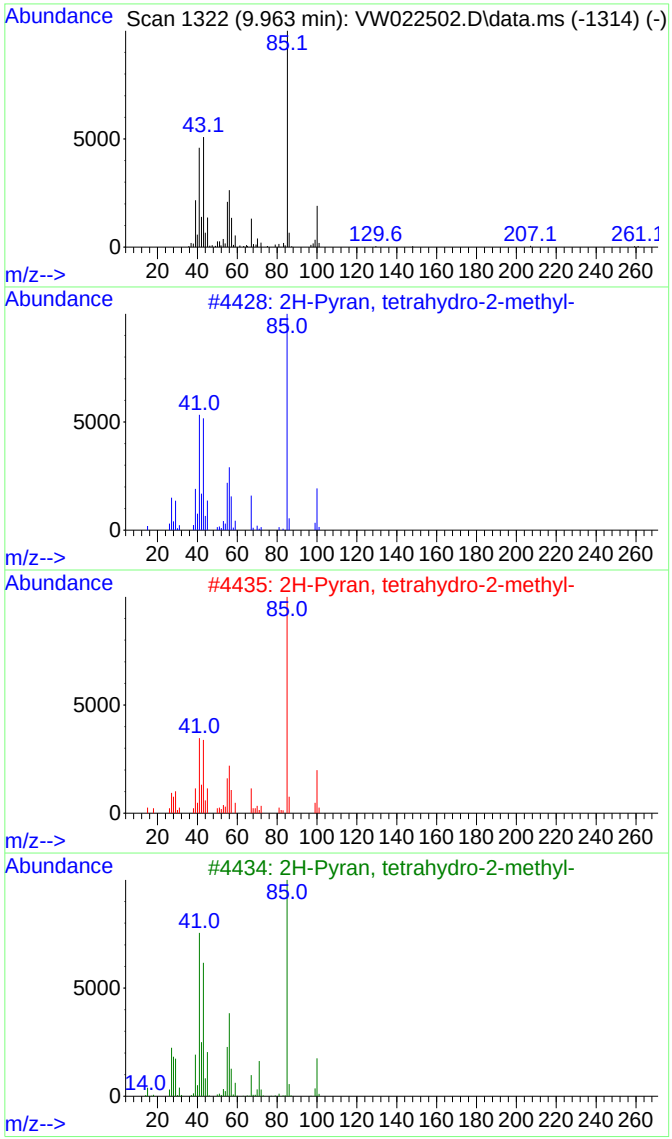
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

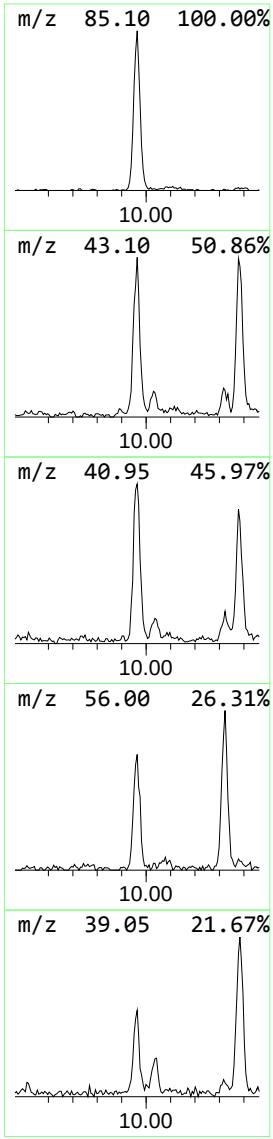
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2H-Pyran, tetrahydro-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.963	2.72 ug/L	107438	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	97
2	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	94
3	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	91
4	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	78
5	2(3H)-Furanone, dihydro-5-propyl-	128	C7H12O2	000105-21-5	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041222\
Data File : VW022502.D
Acq On : 12 Apr 2022 13:09
Operator : SY/VA
Sample : N2316-09
Misc : 6.45g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ8

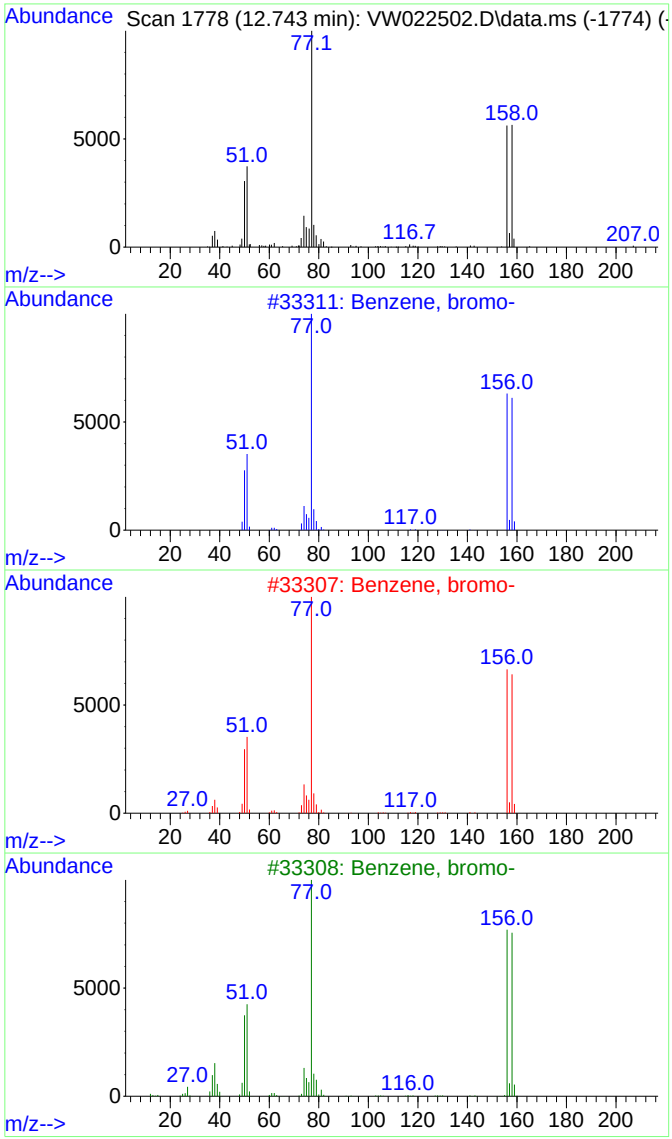
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

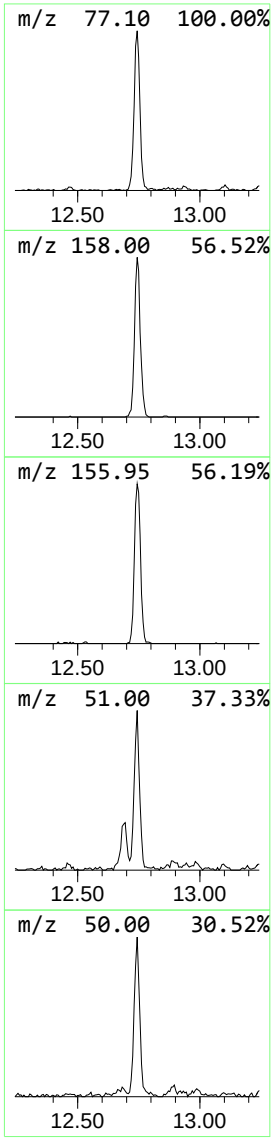
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, bromo- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.743	2.43 ug/L	133436	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, bromo-	156	C6H5Br	000108-86-1	96
2	Benzene, bromo-	156	C6H5Br	000108-86-1	96
3	Benzene, bromo-	156	C6H5Br	000108-86-1	94
4	Benzene, bromo-	156	C6H5Br	000108-86-1	94
5	Benzene, bromo-	156	C6H5Br	000108-86-1	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041222\
Data File : VW022502.D
Acq On : 12 Apr 2022 13:09
Operator : SY/VA
Sample : N2316-09
Misc : 6.45g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ8

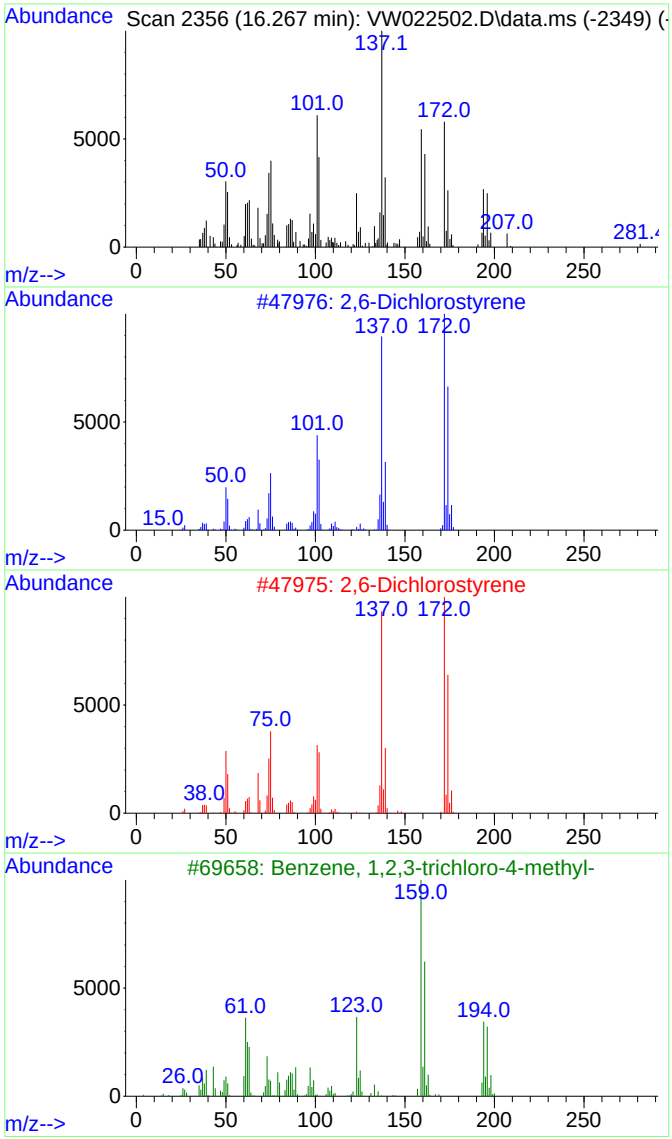
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

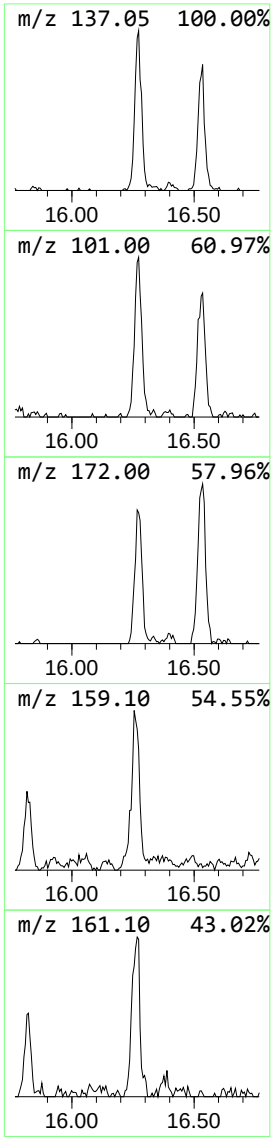
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2,6-Dichlorostyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.267	2.66 ug/L	146015	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dichlorostyrene	172	C8H6Cl2	028469-92-3	95
2	2,6-Dichlorostyrene	172	C8H6Cl2	028469-92-3	89
3	Benzene, 1,2,3-trichloro-4-methyl-	194	C7H5Cl3	007359-72-0	87
4	Benzene, 1,2-dichloro-3-(chlorom...	194	C7H5Cl3	003290-01-5	66
5	Benzene, 1,2-dichloro-4-(chlorom...	194	C7H5Cl3	000102-47-6	66





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041222\
Data File : VW022502.D
Acq On : 12 Apr 2022 13:09
Operator : SY/VA
Sample : N2316-09
Misc : 6.45g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ8

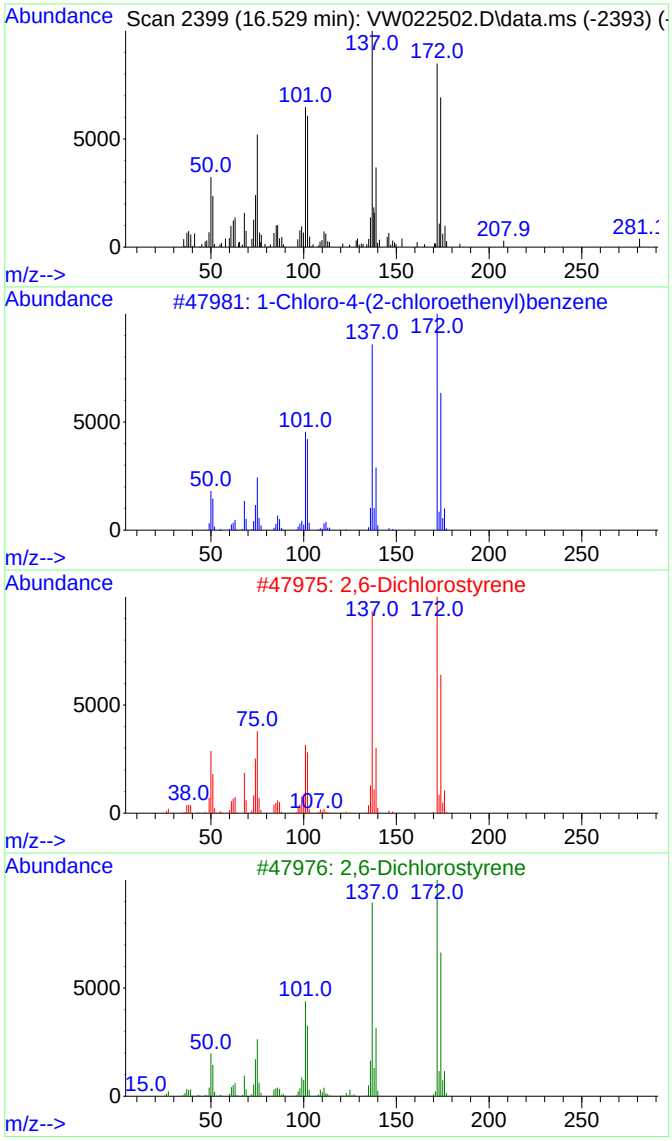
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

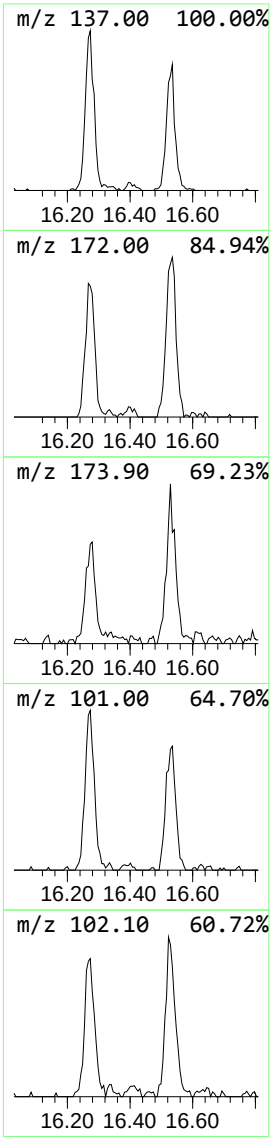
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.529	1.36 ug/L	74486	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	97
2	2,6-Dichlorostyrene	172	C8H6Cl2	028469-92-3	96
3	2,6-Dichlorostyrene	172	C8H6Cl2	028469-92-3	93
4	Benzene, (2,2-dichloroethenyl)-	172	C8H6Cl2	000698-88-4	92
5	Benzene, 1,4-dichloro-2-ethenyl-	172	C8H6Cl2	001123-84-8	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041222\
Data File : VW022502.D
Acq On : 12 Apr 2022 13:09
Operator : SY/VA
Sample : N2316-09
Misc : 6.45g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNQ8

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...	1.958	28.5	ug/L	1125380	1	8.841	985984	25.0
Acetaldehyde	2.495	3.0	ug/L	119237	1	8.841	985984	25.0
2H-Pyran, tetra...	9.963	2.7	ug/L	107438	1	8.841	985984	25.0
Benzene, bromo-	12.743	2.4	ug/L	133436	3	13.554	1372060	25.0
2,6-Dichlorosty...	16.267	2.7	ug/L	146015	3	13.554	1372060	25.0
1-Chloro-4-(2-c...	16.529	1.4	ug/L	74486	3	13.554	1372060	25.0