LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062518\
Data File : VW003549.D
Acq On : 25 Jun 2018 15:28
Operator : SY/AP
Sample : J3621-17
Misc : 7.66G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAZ83

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\SOM2WLM062018S.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.697	14	18	19	rBV2	279	279	0.00%	0.002%
2	1.746	19	26	28	rBV	7055	13431	0.18%	0.092%
3	1.807	28	36	56	rVV	3661331	7476781	100.00%	51.203%
4	1.959	57	61	79	rVB	40616	87948	1.18%	0.602%
5	2.166	88	95	110	rBV2	21440	60056	0.80%	0.411%
6	2.349	119	125	136	rVB	85015	155828	2.08%	1.067%
7	2.892	208	214	225	rVB	51813	118822	1.59%	0.814%
8	4.007	387	397	412	rBV	100835	309728	4.14%	2.121%
9	4.617	487	497	506	rBV2	5212	17270	0.23%	0.118%
10	4.904	535	544	557	rBV3	8672	31995	0.43%	0.219%
11	5.202	591	593	596	rVB3	348	463	0.01%	0.003%
12	5.257	600	602	607	rVB3	401	518	0.01%	0.004%
13	5.397	620	625	626	rBV2	476	609	0.01%	0.004%
14	5.428	626	630	633	rVV4	896	1710	0.02%	0.012%
15	5.519	643	645	647	rVB	338	274	0.00%	0.002%
16	5.550	647	650	651	rBV2	367	389	0.01%	0.003%
17	5.812	691	693	698	rBV2	388	499	0.01%	0.003%
18	5.934	703	713	722	rBV2	6547	19193	0.26%	0.131%
19	6.037	728	730	733	rVB2	266	253	0.00%	0.002%
20	6.080	736	737	739	rBV	428	338	0.00%	0.002%
21	6.202	754	757	759	rBV	260	357	0.00%	0.002%
22	6.342	779	780	785	rVB3	284	406	0.01%	0.003%
23	6.562	811	816	817	rBV2	266	458	0.01%	0.003%
24	6.769	848	850	853	rVB	429	260	0.00%	0.002%
25	6.842	860	862	866	rVB3	384	552	0.01%	0.004%
26	6.891	868	870	874	rBV	251	334	0.00%	0.002%
27	7.098	894	904	911	rBV	22064	66122	0.88%	0.453%
28	7.354	944	946	951	rVB3	298	320	0.00%	0.002%
29	7.427	957	958	960	rBV2	332	301	0.00%	0.002%
30	7.555	972	979	984	rBV3	840	2096	0.03%	0.014%
31	7.647	984	994	1010	rVB	174582	429803	5.75%	2.943%
32	7.818	1019	1022	1024	rBV2	253	263	0.00%	0.002%
33	7.915	1035	1038	1039	rVB3	332	268	0.00%	0.002%
34	7.958	1039	1045	1051	rVB5	739	1683	0.02%	0.012%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062518\
Data File : VW003549.D
Acq On : 25 Jun 2018 15:28
Operator : SY/AP
Sample : J3621-17
Misc : 7.66G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAZ83

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\SOM2WLM062018S.M
Title : VOC Analysis

35	8.031	1055	1057	1062	rVB2	247	271	0.00%	0.002%
36	8.080	1062	1065	1068	rVB	210	267	0.00%	0.002%
37	8.110	1068	1070	1072	rVB2	297	272	0.00%	0.002%
38	8.141	1072	1075	1078	rBV3	468	642	0.01%	0.004%
39	8.171	1078	1080	1086	rVB3	326	381	0.01%	0.003%
40	8.281	1086	1098	1112	rBV2	315814	953863	12.76%	6.532%
41	8.628	1151	1155	1159	rBV2	286	498	0.01%	0.003%
42	8.659	1159	1160	1163	rBV	303	283	0.00%	0.002%
43	8.689	1163	1165	1166	rBV2	501	286	0.00%	0.002%
44	8.848	1181	1191	1203	rBV	334690	663698	8.88%	4.545%
45	9.031	1218	1221	1222	rBV	293	279	0.00%	0.002%
46	9.092	1222	1231	1237	rVV7	5662	13343	0.18%	0.091%
47	9.281	1251	1262	1270	rBV	241306	486341	6.50%	3.331%
48	9.488	1295	1296	1300	rBV2	258	281	0.00%	0.002%
49	9.653	1320	1323	1324	rBV2	735	723	0.01%	0.005%
50	9.732	1334	1336	1338	rBV2	356	298	0.00%	0.002%
51	9.872	1355	1359	1360	rVB2	314	328	0.00%	0.002%
52	10.037	1379	1386	1396	rBV	105239	189756	2.54%	1.300%
53	10.134	1398	1402	1406	rVB5	1513	2554	0.03%	0.017%
54	10.207	1410	1414	1415	rBV3	351	538	0.01%	0.004%
55	10.220	1415	1416	1420	rVB3	657	563	0.01%	0.004%
56	10.329	1426	1434	1441	rBV	440885	765072	10.23%	5.239%
57	10.506	1458	1463	1467	rBV5	1444	2120	0.03%	0.015%
58	10.579	1469	1475	1483	rVV	71016	122512	1.64%	0.839%
59	10.689	1491	1493	1494	rBV2	546	392	0.01%	0.003%
60	10.933	1526	1533	1543	rBV	85999	146989	1.97%	1.007%
61	11.024	1543	1548	1554	rVB3	6701	11368	0.15%	0.078%
62	11.159	1568	1570	1571	rBV	492	313	0.00%	0.002%
63	11.262	1584	1587	1590	rVB2	440	540	0.01%	0.004%
64	11.293	1590	1592	1595	rBV2	384	453	0.01%	0.003%
65	11.488	1619	1624	1627	rVB2	488	688	0.01%	0.005%
66	11.524	1627	1630	1632	rBV2	579	719	0.01%	0.005%
67	11.634	1638	1648	1658	rBV	479576	814231	10.89%	5.576%
68	11.793	1671	1674	1675	rVB2	347	260	0.00%	0.002%
69	11.841	1675	1682	1689	rBV4	2412	5117	0.07%	0.035%
70	11.914	1692	1694	1697	rBV2	412	557	0.01%	0.004%
71	11.945	1697	1699	1703	rVB3	385	425	0.01%	0.003%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062518\
Data File : VW003549.D
Acq On : 25 Jun 2018 15:28
Operator : SY/AP
Sample : J3621-17
Misc : 7.66G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAZ83

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\SOM2WLM062018S.M
Title : VOC Analysis

72	12.042	1713	1715	1720	rVB3	370	463	0.01%	0.003%
73	12.171	1732	1736	1743	rBB4	1263	2457	0.03%	0.017%
74	12.427	1776	1778	1782	rVB2	272	335	0.00%	0.002%
75	12.475	1782	1786	1791	rBV4	544	841	0.01%	0.006%
76	12.518	1791	1793	1796	rBV3	344	324	0.00%	0.002%
77	12.622	1805	1810	1814	rVB	3029	4835	0.06%	0.033%
78	12.701	1814	1823	1831	rBV	173033	283288	3.79%	1.940%
79	12.890	1852	1854	1855	rBV2	406	310	0.00%	0.002%
80	12.926	1855	1860	1861	rBV3	417	526	0.01%	0.004%
81	12.987	1868	1870	1872	rVB3	424	371	0.00%	0.003%
82	13.140	1894	1895	1897	rVV2	504	301	0.00%	0.002%
83	13.219	1905	1908	1910	rBV	356	389	0.01%	0.003%
84	13.268	1912	1916	1919	rVB3	623	728	0.01%	0.005%
85	13.341	1925	1928	1929	rBV	259	265	0.00%	0.002%
86	13.481	1946	1951	1953	rBV4	1615	2576	0.03%	0.018%
87	13.567	1958	1965	1972	rVV	425961	667175	8.92%	4.569%
88	13.713	1986	1989	1992	rVB3	700	711	0.01%	0.005%
89	13.743	1992	1994	1997	rBV2	374	443	0.01%	0.003%
90	13.780	1997	2000	2001	rVB2	398	356	0.00%	0.002%
91	13.859	2006	2013	2021	rBV	372693	629735	8.42%	4.313%
92	14.085	2045	2050	2057	rVB	8442	13831	0.18%	0.095%
93	14.335	2088	2091	2095	rBV5	1263	1801	0.02%	0.012%
94	14.402	2100	2102	2104	rBV2	333	263	0.00%	0.002%
95	14.481	2113	2115	2117	rBV2	295	295	0.00%	0.002%
96	14.664	2143	2145	2148	rVV2	378	381	0.01%	0.003%
97	14.694	2148	2150	2154	rVV4	486	547	0.01%	0.004%
98	14.798	2165	2167	2169	rBV	413	335	0.00%	0.002%
99	15.200	2228	2233	2235	rBV5	850	1174	0.02%	0.008%
100	15.719	2316	2318	2320	rBV3	497	314	0.00%	0.002%

Sum of corrected areas: 14602198

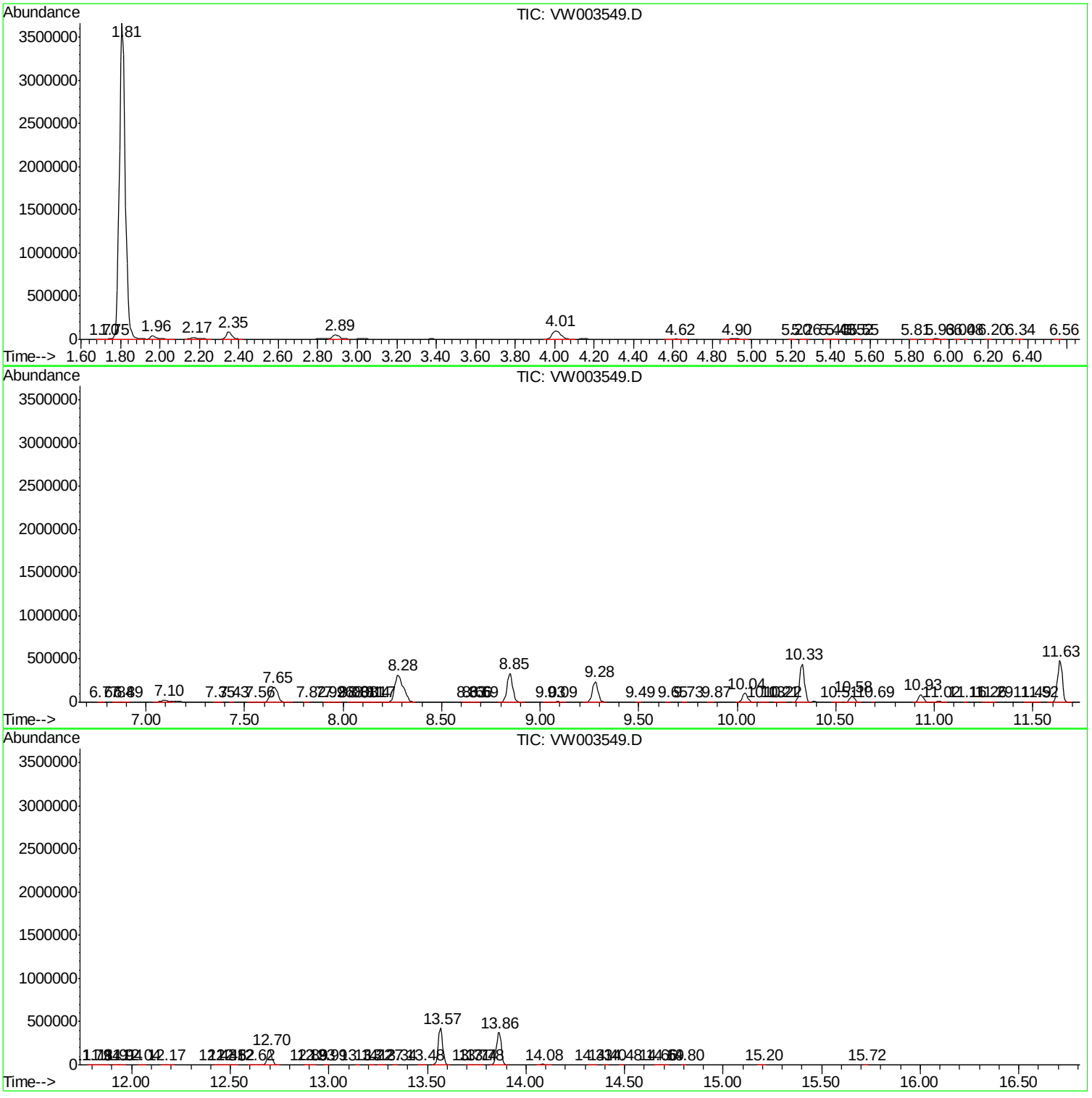
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062518\
Data File : VW003549.D
Acq On : 25 Jun 2018 15:28
Operator : SY/AP
Sample : J3621-17
Misc : 7.66G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAZ83

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062518\
Data File : VW003549.D
Acq On : 25 Jun 2018 15:28
Operator : SY/AP
Sample : J3621-17
Misc : 7.66G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAZ83

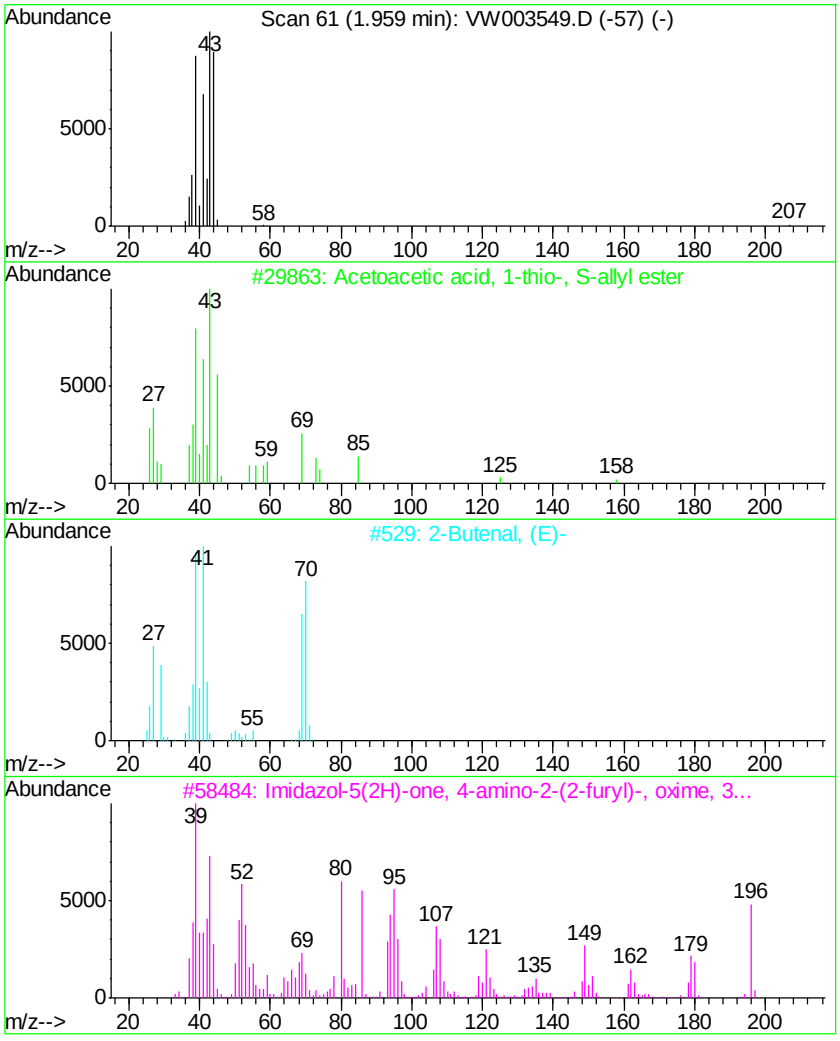
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

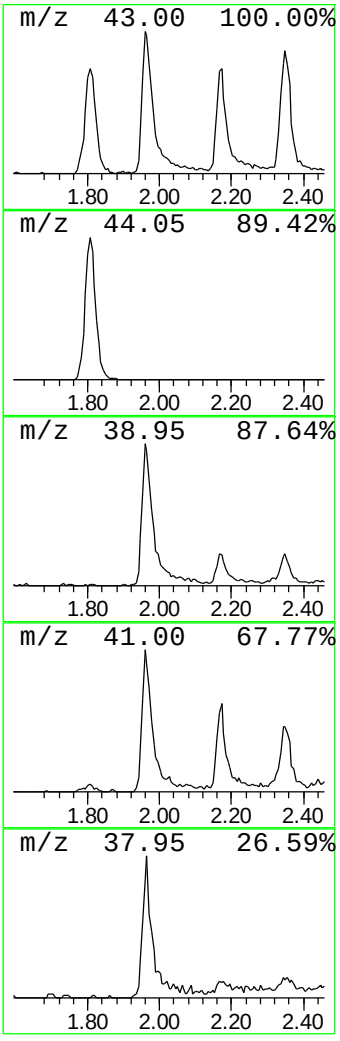
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Acetoacetic acid, 1-thio-, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.96	3.31 ug/L	87948	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetoacetic acid, 1-thio-, S-all...	158	C7H10O2S	015780-65-1	64
2	2-Butenal, (E)-	70	C4H6O	000123-73-9	50
3	Imidazol-5(2H)-one, 4-amino-2-(2...	196	C7H8N4O3	318259-17-5	50
4	Cyclopropanecarboxamide	85	C4H7NO	006228-73-5	43
5	2-Hexynoic acid	112	C6H8O2	000764-33-0	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062518\
Data File : VW003549.D
Acq On : 25 Jun 2018 15:28
Operator : SY/AP
Sample : J3621-17
Misc : 7.66G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAZ83

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

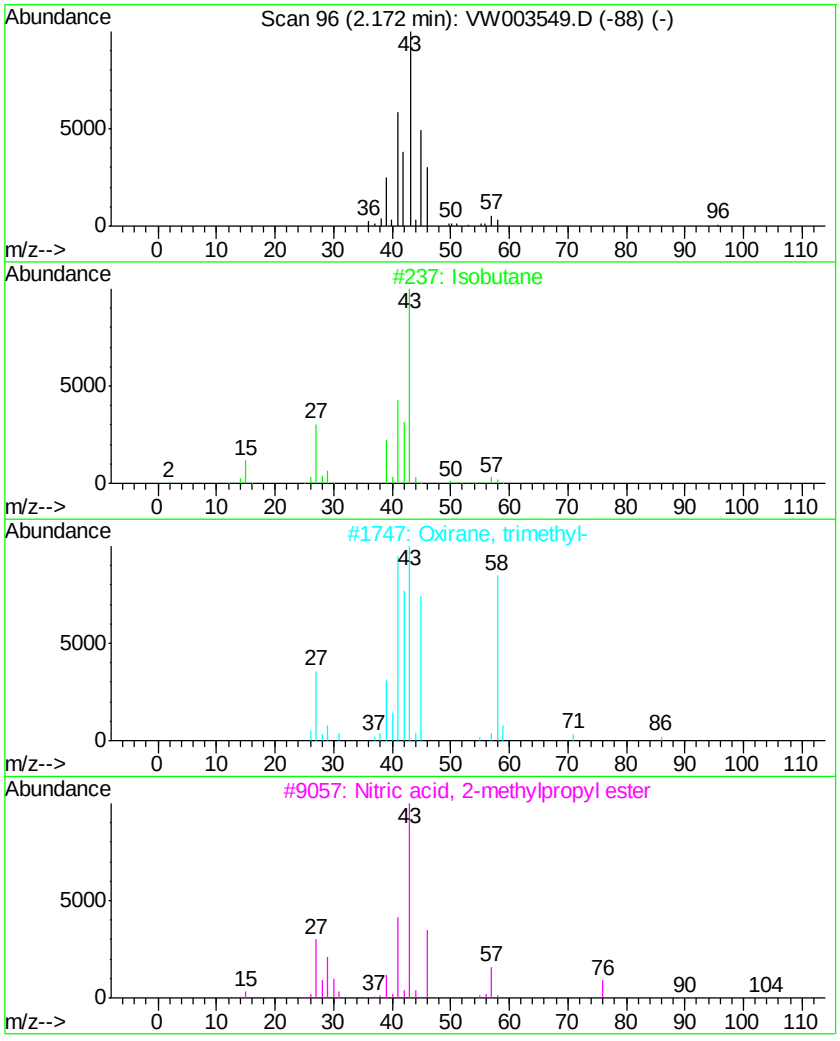
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

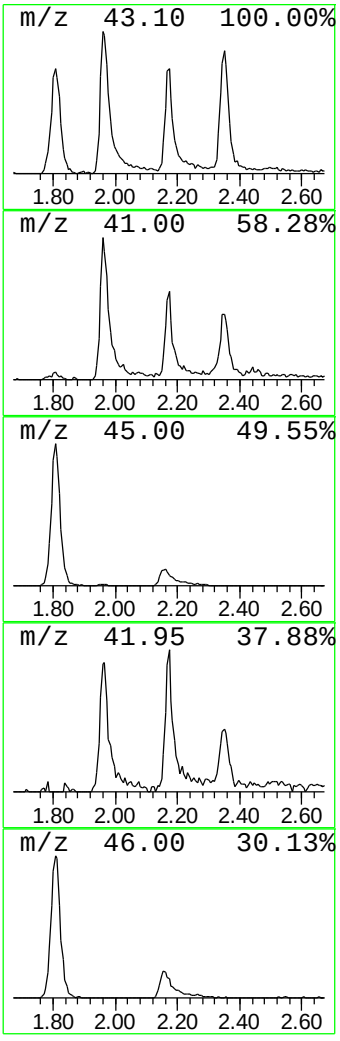
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	2.26 ug/L	60056	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	35
2	Oxirane, trimethyl-	86	C5H10O	005076-19-7	28
3	Nitric acid, 2-methylpropyl ester	119	C4H9NO3	000543-29-3	17
4	Isobutane	58	C4H10	000075-28-5	16
5	Isobutane	58	C4H10	000075-28-5	12





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062518\
Data File : VW003549.D
Acq On : 25 Jun 2018 15:28
Operator : SY/AP
Sample : J3621-17
Misc : 7.66G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAZ83

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Acetoacetic acid,...	1.96	3.3	ug/L	87948	1	8.85	663698	25.0
(DEL) Alkane: Str...	2.17	2.3	ug/L	60056	1	8.85	663698	25.0