

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061719\
 Data File : VD062730.D
 Acq On : 17 Jun 2019 16:50
 Operator : VA/AP
 Sample : K3409-02
 Misc : 4.99g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T-1A

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.746	29	32	33	rBV2	3784	4818	3.80%	0.430%
2	1.775	33	35	39	rVB2	3900	5490	4.33%	0.489%
3	1.824	39	40	43	rVB	2648	3149	2.48%	0.281%
4	1.884	43	46	47	rBV	3114	4900	3.86%	0.437%
5	2.071	62	65	66	rBV2	4287	6494	5.12%	0.579%
6	2.169	73	75	78	rBV3	4298	6751	5.32%	0.602%
7	2.218	78	80	82	rVV2	3111	4662	3.67%	0.416%
8	2.267	83	85	87	rVB	4508	5526	4.36%	0.493%
9	2.307	87	89	92	rBV2	5617	8079	6.37%	0.720%
10	2.356	92	94	96	rVB2	3999	4898	3.86%	0.437%
11	2.415	96	100	102	rBV3	5744	14309	11.28%	1.276%
12	2.484	105	107	108	rVV2	5164	5714	4.50%	0.509%
13	2.514	108	110	113	rVB3	3760	5761	4.54%	0.514%
14	2.563	113	115	117	rBV3	3446	4698	3.70%	0.419%
15	2.602	117	119	120	rVB	4355	4574	3.61%	0.408%
16	2.622	120	121	122	rBV	4966	4470	3.52%	0.399%
17	2.651	122	124	125	rVV	4147	6035	4.76%	0.538%
18	2.720	129	131	136	rVV3	5232	12704	10.01%	1.133%
19	2.799	138	139	141	rVB2	5966	5167	4.07%	0.461%
20	2.858	141	145	146	rBV3	4401	9036	7.12%	0.806%
21	2.878	146	147	150	rBV2	4188	7592	5.98%	0.677%
22	3.016	160	161	163	rBV	3758	4442	3.50%	0.396%
23	3.045	163	164	166	rVV2	4602	6285	4.95%	0.560%
24	3.124	170	172	174	rVB2	6552	7768	6.12%	0.693%
25	3.301	188	190	193	rVB2	2138	3731	2.94%	0.333%
26	3.488	205	209	210	rVB	1557	2966	2.34%	0.264%
27	3.528	210	213	214	rBV	2172	3151	2.48%	0.281%
28	3.803	239	241	244	rBV	3513	6244	4.92%	0.557%
29	4.473	307	309	312	rVB2	1534	2873	2.26%	0.256%
30	5.427	403	406	409	rBV2	1001	2805	2.21%	0.250%
31	5.723	434	436	442	rBV	1620	5321	4.19%	0.474%
32	6.146	476	479	480	rBV	2322	3814	3.01%	0.340%
33	6.176	480	482	484	rVB	2542	3533	2.78%	0.315%
34	6.225	484	487	489	rBV2	1814	3737	2.95%	0.333%

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35	6.294	492	494	497	rBV	1868	4053	3.19%	0.361%
36	6.520	513	517	518	rBV	1778	2727	2.15%	0.243%
37	6.560	518	521	524	rVB	1351	2936	2.31%	0.262%
38	6.845	548	550	552	rBV2	1821	2936	2.31%	0.262%
39	6.924	552	558	563	rVV2	22977	60107	47.38%	5.359%
40	7.032	563	569	576	rVV3	33569	89510	70.56%	7.980%
41	7.446	606	611	618	rVB	22750	55628	43.85%	4.960%
42	7.820	646	649	650	rBV	2519	2913	2.30%	0.260%
43	8.213	684	689	695	rBV2	46472	114437	90.20%	10.203%
44	9.267	791	796	799	rVB	1088	3083	2.43%	0.275%
45	9.601	828	830	833	rVB	1755	3040	2.40%	0.271%
46	9.798	845	850	852	rBV	1161	2978	2.35%	0.266%
47	10.241	893	895	899	rVB2	1744	3126	2.46%	0.279%
48	10.399	906	911	918	rBV2	35988	85731	67.58%	7.644%
49	11.226	989	995	1003	rVV3	7248	23606	18.61%	2.105%
50	11.354	1003	1008	1009	rVB	1392	3151	2.48%	0.281%
51	11.876	1056	1061	1062	rVB	2121	3921	3.09%	0.350%
52	12.368	1107	1111	1116	rVB	74818	126865	100.00%	11.311%
53	12.663	1138	1141	1145	rBV3	5932	12458	9.82%	1.111%
54	13.047	1177	1180	1182	rVB2	2475	4118	3.25%	0.367%
55	13.096	1182	1185	1188	rBV	1301	3037	2.39%	0.271%
56	13.293	1203	1205	1207	rBV	2190	2755	2.17%	0.246%
57	13.549	1228	1231	1236	rVB	53439	75060	59.17%	6.692%
58	13.707	1246	1247	1250	rVB	4182	5618	4.43%	0.501%
59	13.766	1250	1253	1256	rBV	1659	3760	2.96%	0.335%
60	13.844	1260	1261	1263	rVV2	4783	4980	3.93%	0.444%
61	13.923	1266	1269	1271	rVV	2765	5028	3.96%	0.448%
62	13.963	1271	1273	1279	rVB3	7282	11692	9.22%	1.042%
63	14.120	1286	1289	1291	rVB	1884	3212	2.53%	0.286%
64	14.199	1295	1297	1299	rVV	3247	5179	4.08%	0.462%
65	14.238	1299	1301	1304	rVB	7076	9902	7.81%	0.883%
66	14.435	1316	1321	1324	rBV	2450	4629	3.65%	0.413%
67	14.514	1326	1329	1332	rVV	87120	103114	81.28%	9.193%
68	14.553	1332	1333	1336	rVB2	2972	2854	2.25%	0.254%
69	14.701	1345	1348	1350	rBV2	3147	5571	4.39%	0.497%
70	14.770	1352	1355	1357	rBV2	2673	3842	3.03%	0.343%
71	14.878	1365	1366	1368	rBV	4411	5887	4.64%	0.525%

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72	14.908	1368	1369	1373	rVB	2379	4152	3.27%	0.370%
73	14.957	1373	1374	1377	rBV	1827	3183	2.51%	0.284%
74	14.996	1377	1378	1381	rVB2	2266	3419	2.69%	0.305%
75	15.045	1381	1383	1387	rBV2	2237	4924	3.88%	0.439%
76	15.104	1387	1389	1393	rBV	2849	4562	3.60%	0.407%
77	15.232	1397	1402	1405	rBV	1601	4379	3.45%	0.390%
78	15.282	1405	1407	1409	rVB	2609	2844	2.24%	0.254%
79	15.360	1412	1415	1417	rBV	1649	3224	2.54%	0.287%
80	15.646	1441	1444	1445	rBV	3213	3832	3.02%	0.342%
81	15.666	1445	1446	1450	rVB	3279	3961	3.12%	0.353%
82	16.000	1477	1480	1485	rVV2	1093	3104	2.45%	0.277%
83	16.128	1489	1493	1494	rVB	2829	4089	3.22%	0.365%
84	16.296	1509	1510	1513	rBV	2842	3648	2.88%	0.325%
85	16.404	1520	1521	1525	rVB2	1564	2694	2.12%	0.240%
86	17.014	1578	1583	1585	rBV2	1493	4100	3.23%	0.366%
87	17.152	1595	1597	1600	rBV	1886	3749	2.96%	0.334%
88	17.349	1615	1617	1620	rBV	1855	3142	2.48%	0.280%
89	17.506	1627	1633	1634	rBV2	1530	3670	2.89%	0.327%

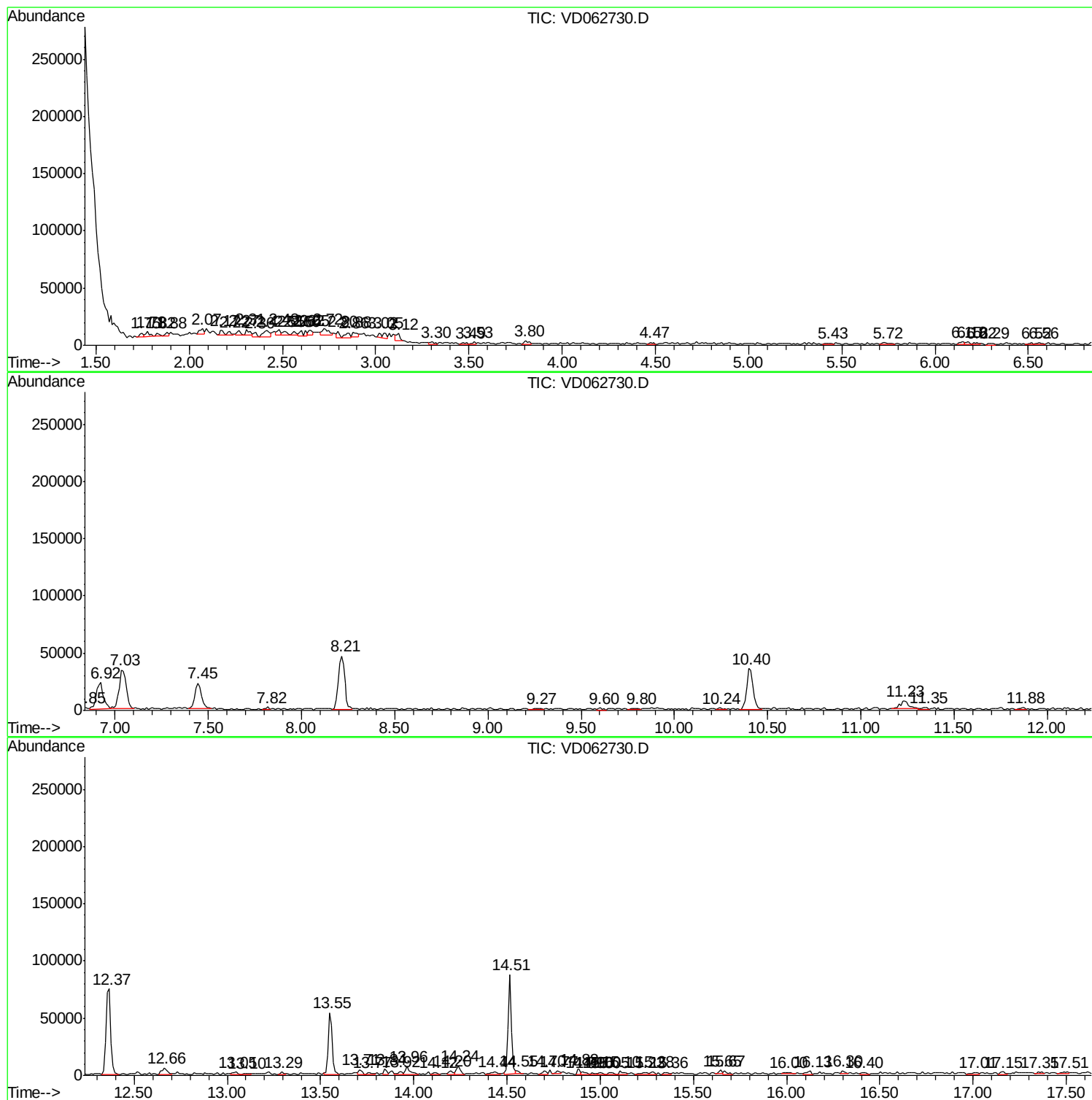
Sum of corrected areas: 1121617

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
Quant Title : SW846 8260

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



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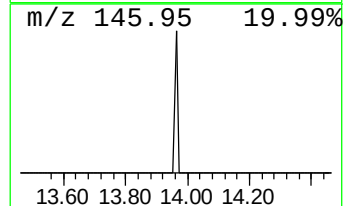
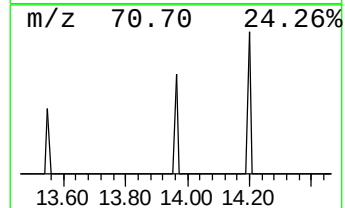
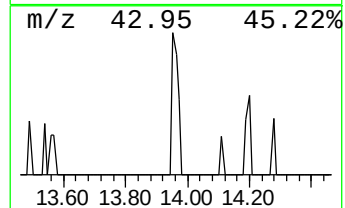
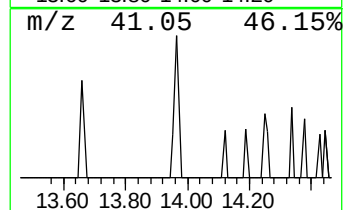
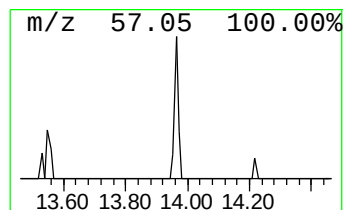
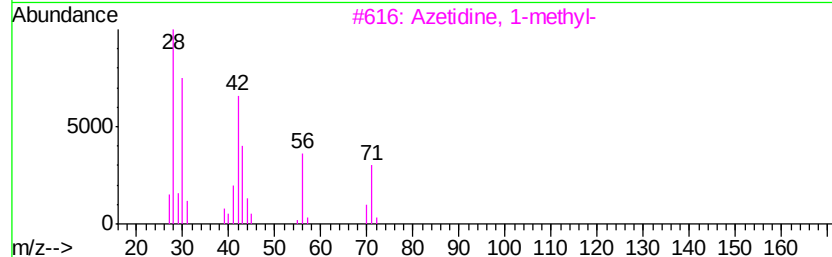
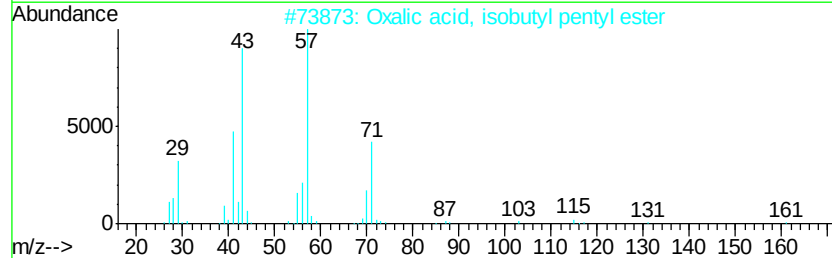
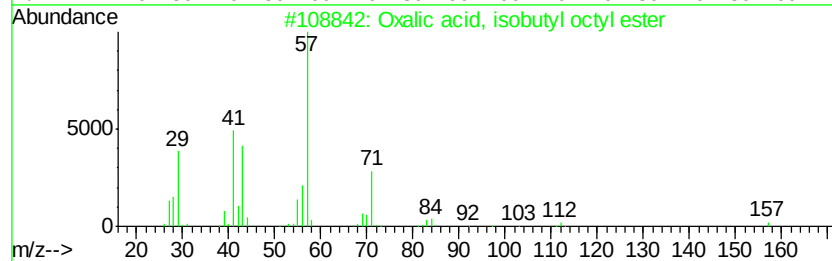
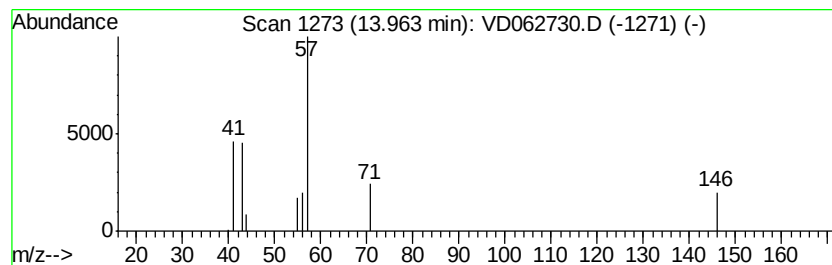
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
Quant Title : SW846 8260

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

Peak Number 5 Oxalic acid, isobutyl octyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	5.67 ug/l	11692	1,4-Dichlorobenzene-d4	14.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	59
2		Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	9
3		Azetidine, 1-methyl-	71	C4H9N	004923-79-9	5
4		Di-tert-butyl sulfide	146	C8H18S	000107-47-1	5
5		Di-tert-butyl peroxide	146	C8H18O2	000110-05-4	4



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Oxalic acid, isob...	13.96	5.7	ug/l	11692	4	14.51	103114	50.0